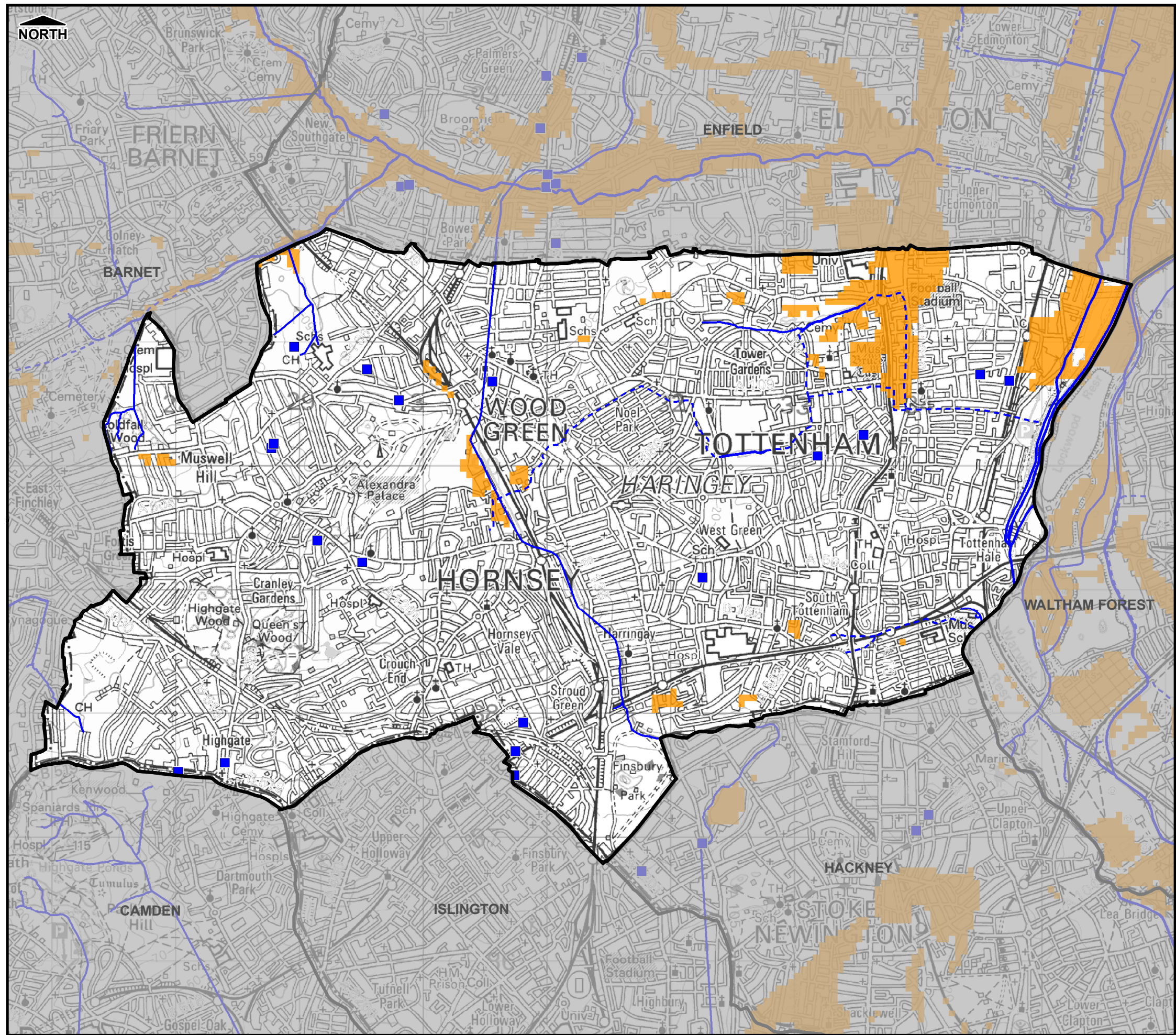


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THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED

Legend

- Borough Administrative Boundary
- Main River
- Ordinary Watercourse
- Groundwater Flood Incident (EA Records)
- Groundwater Flood Incident (Other Records)
- Increased Potential for Elevated Groundwater in:
 - Permeable Superficial Deposits
 - Consolidated Aquifers
- Culverted Watercourse (Main River)

Notes

- The increased Potential for Elevated Groundwater map shows those areas within the London Boroughs where there is an increased potential for groundwater to rise sufficiently to interact with the ground surface or be within 2 m of the ground surface. Such groundwater rise could lead to the following consequences:
 - flooding of basements of buildings below ground level;
 - flooding of buried services or other assets below ground level;
 - inundation of farmland, roads, commercial, residential and amenity areas;
 - flooding of ground floors of buildings above ground level; and
 - overflowing of sewers and drains.
- Incident records shown are generally unconfirmed and may include issues such as water main bursts or non-groundwater related problems.
- Areas not shown to have increased potential for elevated groundwater should be considered to have a low potential for elevated groundwater – Lack of information does not imply 'no potential' of elevated groundwater in that area.
- Includes groundwater flood mapping provided by JBA Consulting. Copyright © Jeremy Benn Associates Limited 2008 - 2011, partially derived from data supplied by the Environment Agency

London Borough of Haringey



Surface Water Management Plan

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Scale at A3 1:32,000	Date 07/04/2011	Drawn by S.TURNBULL	Approved by S.IP
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Increased Potential for Elevated Groundwater Map

Consultants

CAPITA SYMONDS

Flood Risk Management

Scot Wilson

Capita Symonds
Level Seven,
52 Grosvenor Gardens,
Belgravia,
London
SW1W 0AU

Drain London Programme Board Members



FIGURE 10



Appendix F: Ground Movement Assessment



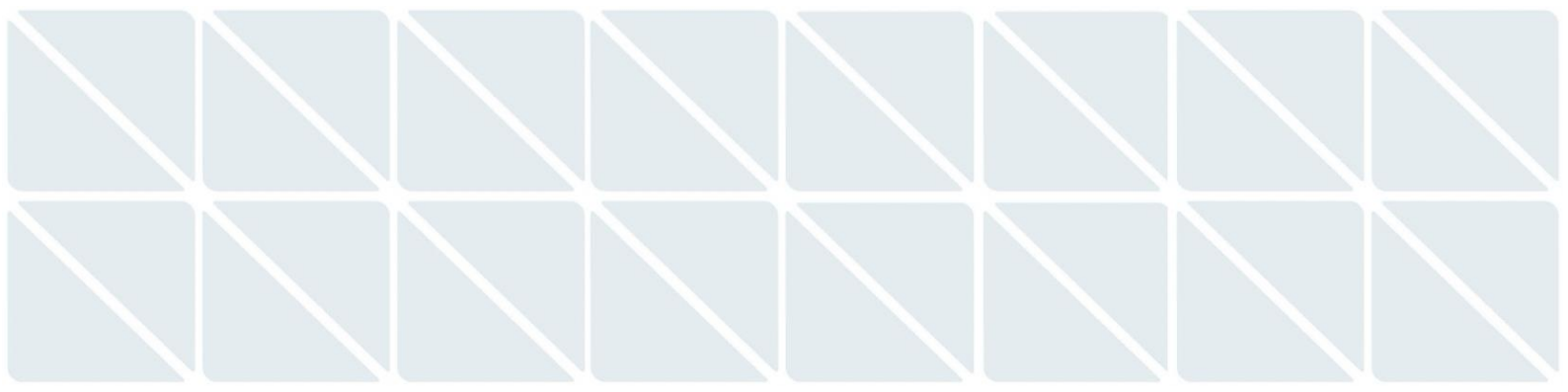
A-squared Studio

Highgate Mallinson Sports Centre

Buildings Ground Movement Assessment

September 2024

3244-A2S-XX-XX-RP-Y-0001-03





Project Name	Highgate Mallinson Sports Centre
Project Number	3244
Client	Highgate School
Document Name	Buildings Ground Movement Assessment

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3244-A2S-XX-XX-RP-Y-0001-02	Third Issue	Updated following audit	02	AC	09/09/2024
3244-A2S-XX-XX-RP-Y-0001-03	Fourth Issue	Updated following audit	03	AC	10/09/2024



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3.	Geology	6
4.	Impact Assessment Evaluation.....	7
5.	Ground Movement Assessment	12
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Appendices

Appendix A: Façade Reference Notation

Appendix B: Loading Information

Appendix C: PDisp Inputs & Outputs

Appendix D: XDisp Inputs & Outputs



1. Introduction

A-squared Studio Engineers Limited (A-squared) has been engaged by Pringuer-James Consulting Engineers Limited (PJCE) on behalf of Highgate School to prepare a ground movement assessment (GMA) for the proposed development at Highgate Mallinson Sports Centre, Bishopswood Road, London, N6 4PB.

1.1. Study Aims and Objectives

A ground movement and impact assessment has been carried out in order to estimate the potential damage induced by the proposed redevelopment on the neighbouring properties.

The assessment encompasses properties located within the *zone of influence* of the proposed scheme. The GMA is based on *greenfield* ground movements and *unlikely to be exceeded* ground movements. The adopted assessment methodology provides a robust and conservative assessment representative of current industry best practice, as detailed in Section 4.

The assessment carried out and described herein aims to:

- Assess the impact on ground movements induced by the proposed works on adjacent properties.
- Inform Party Wall awards.
- Provide performance criteria and inform aspects of substructure construction and design.

This report provides a detailed description of the:

- Site and proposed development.
- Modelling parameters and input.
- Analyses and results.

1.2. Information Sources

The principal sources of information, which have informed the assessments presented herein, include the following:

- *Highgate School MSC 4Phase Landscape strategy report* produced by Robert Myers Associates, dated June 2022 (ref. 733.01(RP)0001).
- Loading plans prepared by PJCE, dated February 2024.
- Architectural drawings prepared by Ed Toovey Architects, dated May 2022.

Information available in the public domain:

- British Geological Survey online database (various sources).
- Google Earth.



2. The Site and Proposed Development

2.1. Development Site and Current Site Use

The development site is located at Highgate Mallinson Sports Centre, Bishopswood Road, London, N6 4PB. The approximate National Grid reference for the site is TQ 27797 87754 and the site footprint covers approximately 0.74 hectares. The approximate ground surface elevation at the site is 109m above Ordnance Datum (mOD) and ground surface levels in the surrounding area generally fall toward the West.

The development site falls within the administrative boundaries of the London Borough of Haringey and currently includes a fives courts building, a pool hall block, squash courts and a sports hall. The area surrounding the site comprises other Highgate School buildings and residential properties. The existing sports hall building is founded on an RC ground-bearing raft system.



Approximate site boundary marked by red line.

Figure 2.1 Location of the proposed development



The proposed development comprises the demolition of the fives courts, squash courts, part of the pool building and areas of hardstanding, construction of a second sports hall in place of the old Fives Courts and Squash courts, and construction of new fives courts adjacent to the existing sports hall. Demolition plans and proposed ground floor plans are presented in Figure 2.2 and Figure 2.3 respectively. The development will be carried out in five phases which are marked on the proposed ground floor plan in Figure 2.3.

Two basements are proposed as part of the development. The first is an approximately 4.0m-deep basement which will form the new fives court (Phase 2A), adjacent to the existing sports hall. The second will form the new sports hall to the North (Phase 2B), directly adjacent to the existing pool hall block and is approximately 3.7m-deep. Both excavations will be supported by contiguous piled walls with internal in-situ RC lining walls, except for the Southern edge of the new fives courts, which will be supported by in-situ RC retaining walls. Both basement areas are proposed to be supported by an RC ground-bearing raft system with tension piles to restrict uplift forces on the basement box in accidental groundwater conditions. A section drawing through the proposed basement is presented in Figure 2.4.

A 1.5m-deep flood storage basin will be constructed to the east of the site which is designed to receive surface water flowing overland from the upstream catchment area. A plan of the wider site showing the location of the sports pitch flood basin in relation to the site is presented in Figure 2.5.

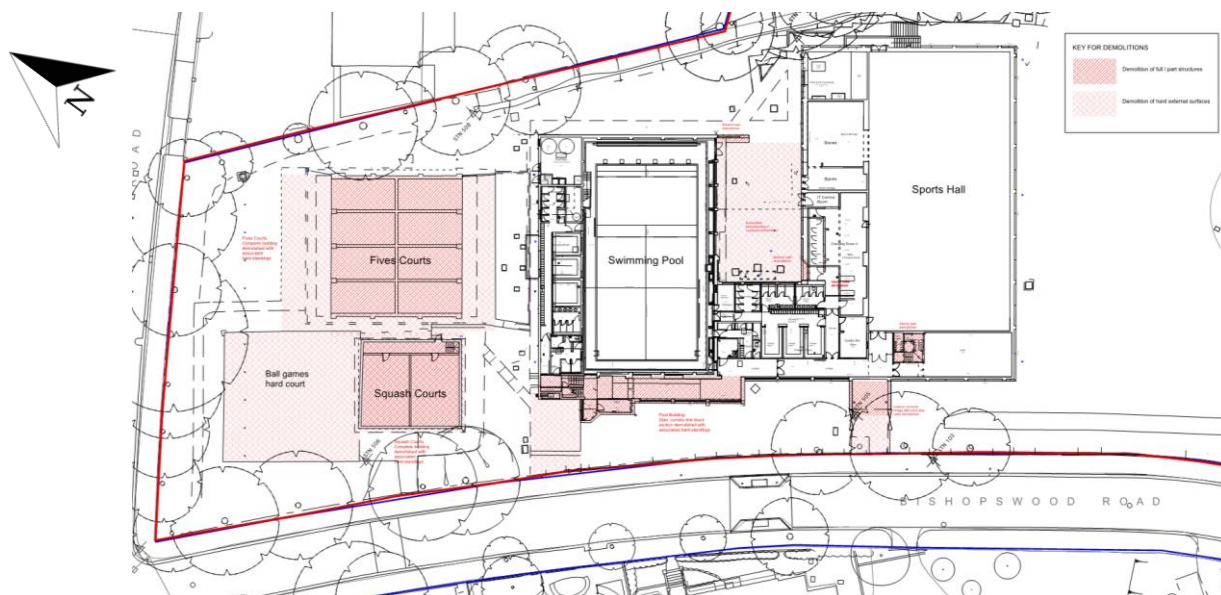


Figure 2.2 Demolition plan

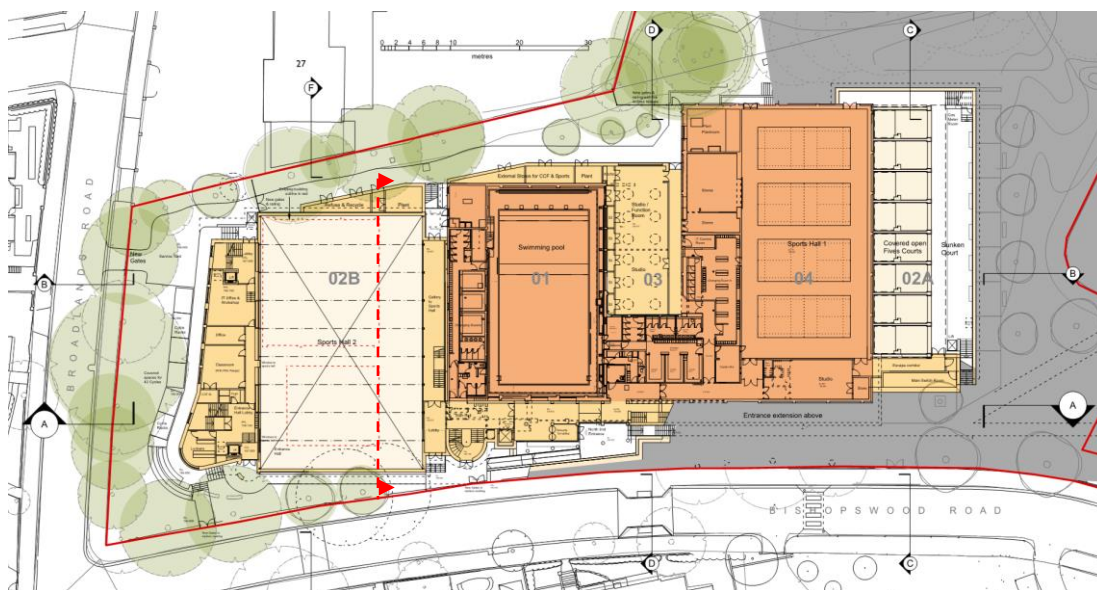
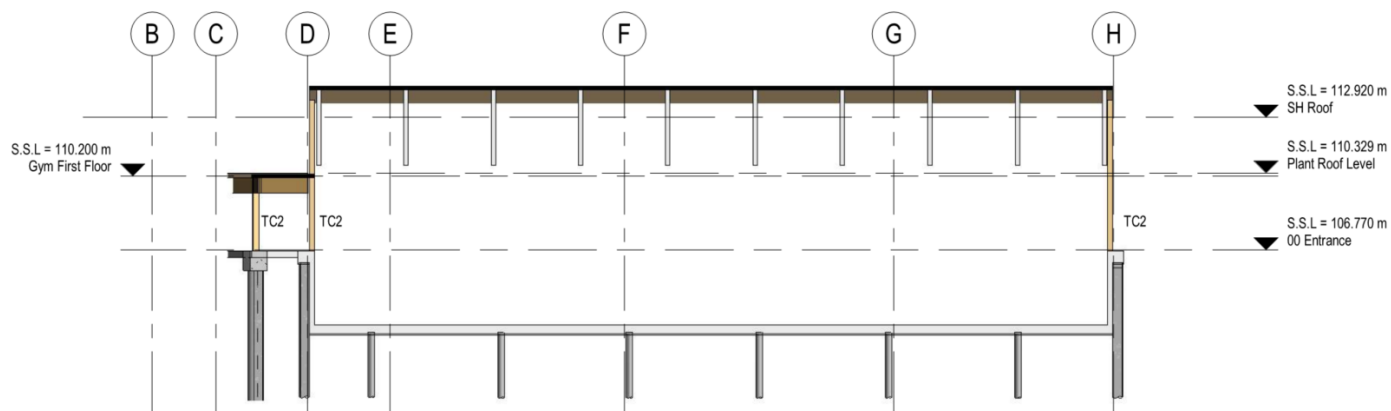


Figure 2.3 Proposed ground floor plan



Section location marked in red in Figure 2.3.

Figure 2.4 Proposed basement section drawing



Figure 2.5 Wider site plan



3. Geology

Site-specific ground investigation has been undertaken by Soil Consultants Ltd in four phases. An initial and supplementary phase were undertaken in February 2016 to investigate the ground conditions surrounding the school buildings, followed by a third phase to investigate the conditions of the flood storage basin area in February 2024. No groundwater monitoring was undertaken as part of these phases of GI, so another phase was undertaken which comprised additional boreholes near the school buildings and proposed flood storage basin, with groundwater monitoring included. The data from the investigation has been used to derive a ground model and geotechnical parameters for the site to inform the ground movement assessment. The ground conditions on site were found to comprise the following (in order of succession):

- Made Ground / topsoil
- Head Deposits
- Claygate Member
- London Clay Formation

The ground model and geotechnical parameters have been chosen specifically for the purpose of this GMA. The ground model is presented in Table 3.1.

Table 3.1 Ground model and geotechnical parameters adopted for the ground movement assessment

Stratum	Top of stratum (mOD)	Thickness (m)	Undrained Young's Modulus, $E_u^{[3][4]}$ (MPa)	Drained Young's Modulus, $E'^{[3][5]}$ (MPa)
Made Ground	+106.8 ^[1]	0.3	-	10.0
Head Deposits	+106.5	2.1	16.0	12.8
Claygate Member	+104.4	5.1	$16.0 + 8.7z^{[6]}$	$12.8 + 6.9z^{[6]}$
London Clay Formation	+99.3	Unproven	$60.0 + 4.1z^{[6]}$	$48.0 + 3.3z^{[6]}$

1. The ground level adjacent to the proposed basement has been adopted as ground level in the GMA.
2. The ground model and geotechnical parameters have been derived solely for the purposes of this assessment.
3. The stiffness data (E_u and E') has been evaluated empirically taking into consideration the nature of the geotechnical/soil-structure interaction mechanisms and level of anticipated strain within the soil mass.
4. Undrained Young's Modulus, E_u , has been derived using the relationship $E_u = 500c_u$.
5. Drained Young's Modulus has been derived using the relationship $E' = 0.8E_u$.
6. z refers to metres below top of stratum.
7. *Rigid boundary* assumed at approximately +34.11mOD for analytical purposes.



4. Impact Assessment Evaluation

4.1. Assessment Details

The assessment has been undertaken using proprietary spreadsheets and the commercially available software Oasys PDisp and XDisp, which consider the three-dimensional ground movement field induced by the proposed excavation works.

Ground movements will arise as a result of various mechanisms, which are mobilised as part of the construction works for the proposed scheme. The demolition of superstructure elements and excavation process will induce ground movements arising from the overburden removal. The transfer of the building loading to lower strata by the construction of the new superstructure will partially reinstate a portion of the removed overburden, yielding settlements across areas of the foundation system. The induced ground movements will extend over a given zone of influence surrounding the building/basement footprint.

A series of three-dimensional models of the proposed scheme have been developed in Oasys XDisp/PDisp software and combined by means of superposition in order to enable ground movement assessments to be carried out representing the various construction stages. The ground movement displacement fields were separated in two groups (A & B) based on the approach followed, as detailed below:

Group A – Unloading/Loading ground movements

- A1. Demolition and excavation (short-term).
- A2. Demolition, excavation and building loading (long-term).

Group B – CIRIA-based ground movements

- B1. Contiguous pile wall installation and excavation.
- B2. Contiguous pile wall installation, excavation and building loading (long-term).

The Group A assessments are based on *greenfield* ground movements evaluated from linear half space (PDisp) analyses and focus on vertical ground movements induced by the unloading/re-loading processes.

The proposed loading pressures have been determined from load take down information provided by PJCE (included in Appendix B) and have been applied as uniformly distributed unloading and loading pressures representative of the demolition, excavation, and building loading as shown in Figure 4.1 to .

The sports hall excavation has been modelled as an unloading pressure of 75kPa, and the fives court excavation has been modelled as an unloading pressure of 80kPa, applied at the basement formation levels (equating to the removal of 3.7 and 4.0m of soil respectively). The demolition of the existing fives courts and squash courts have been conservatively modelled as a unloading pressure of 24kPa (approximately equal to the demolition of a two-storey building).

The excavation of the flood storage basin has been modelled as an unloading pressure of 30kPa, applied at the base of the excavation. The modelling of this feature has been simplified from its ovular shape to a rectangle, with a breadth and width equal to the maximum breadth and width of the ovular shape.

The Group B assessments adopt the normalised ground displacement curves reported in CIRIA C760 to assess the impact of retention system installation works and the excavation. The following CIRIA C760 normalised ground movement curves were adopted to assess ground movements due to retention system installation and excavation works:

- *Contiguous pile wall installation*: Installation of contiguous pile wall in stiff clay.
- *Sports hall excavation*: Excavation in front of a low stiffness wall in stiff clay.
- *Flood storage basin excavation*: Excavation in front of a low stiffness wall in stiff clay.



An allowance has been made for potential installation of walls or structures to the edges of the flood storage basin by utilising the Installation of planar diaphragm wall in stiff clay CIRIA curve.

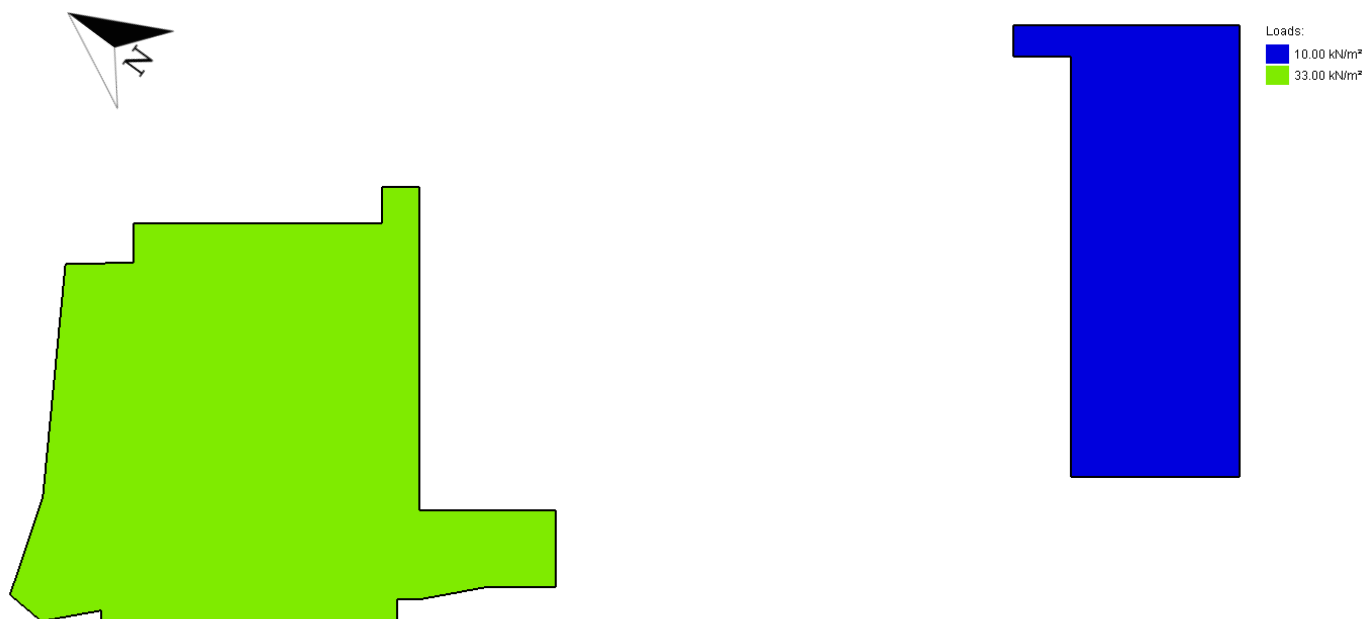


Figure 4.1 Building loading as modelled in PDisp

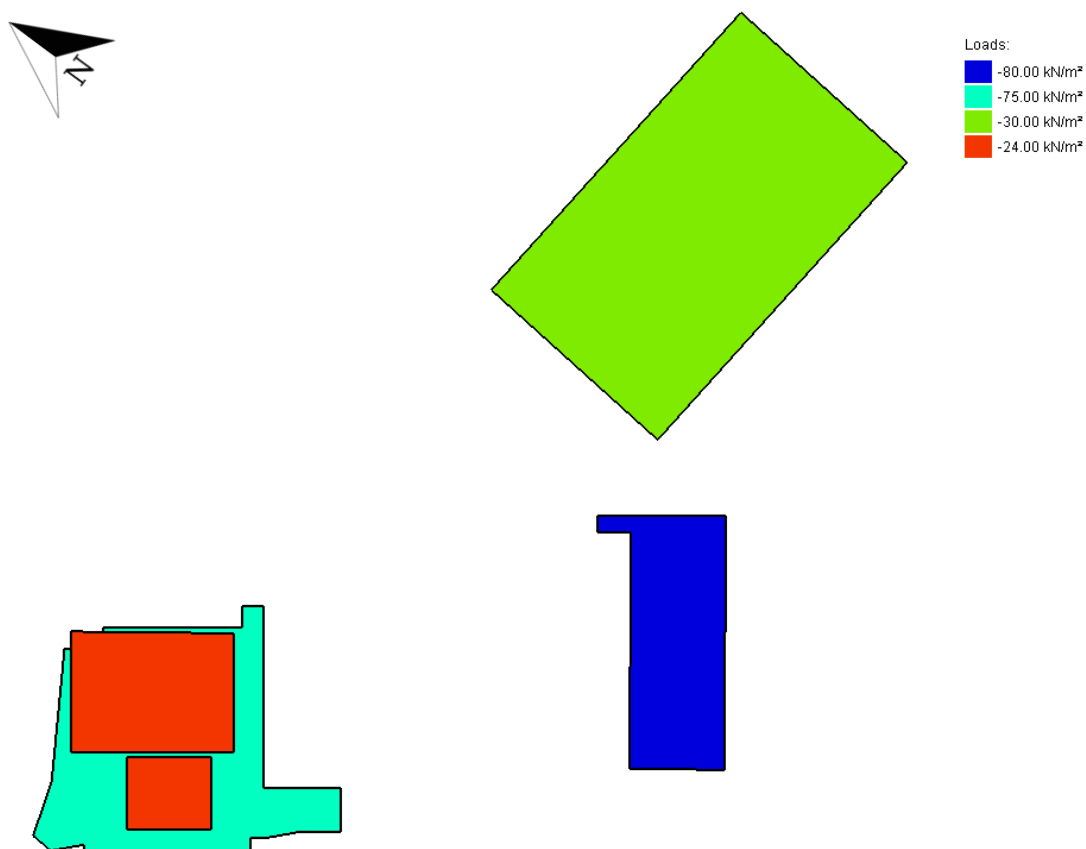


Figure 4.2 Unloading as modelled in PDisp



The two groups of analyses enabled the production of an envelope of damage classification results – with the worst-case results presented herein. A representative geometry has been adopted for defining the excavation/installation geometry implemented in the 3D modelling efforts. An indicative plot of the analytical model is presented below in Figure 4.3 showing the excavation area and the adjacent properties included in the damage assessment.

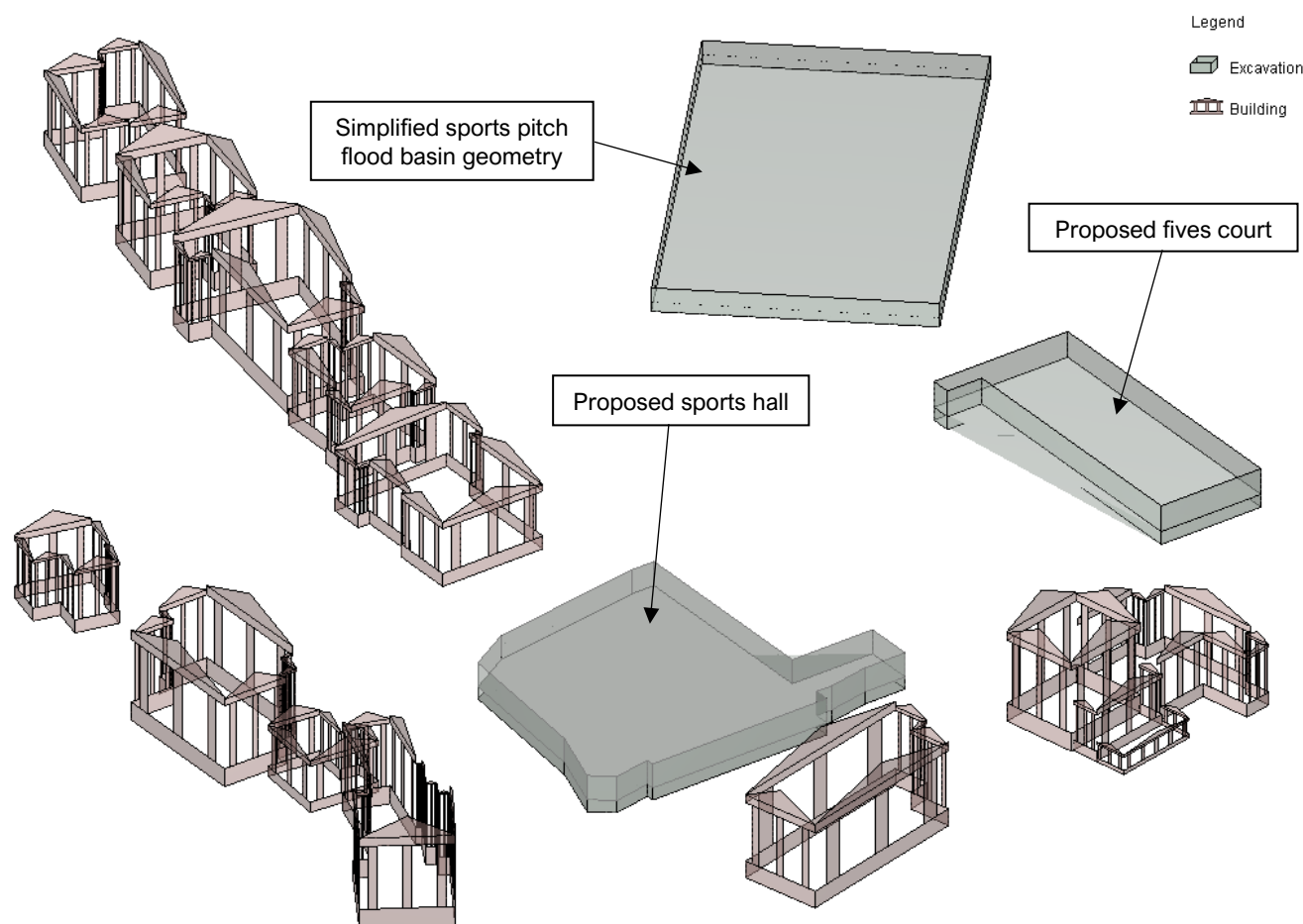


Figure 4.3 Indicative plot of three-dimensional analytical model in XDisp

4.2. Impact Assessment

4.2.1. General

The potential impact/damage induced on primary façade/wall elements of the buildings surrounding the proposed scheme have been evaluated on the basis of the calculated ground movement fields. The masonry walls of concern are shown in Appendix A, including the wall nomenclature/reference system adopted. The arrangement is based on the currently available survey information and presents an array of masonry façades running both perpendicular and parallel to the proposed basement (covering the key deformation mechanisms). The façades of the neighbouring buildings considered for the current study are grouped in the following manner:

- 19.BLR: 19 Broadlands Road
- 20c.BLR: 20c Broadlands Road
- 21.BLR: 21 Broadlands Road
- 22.BLR: 22 Broadlands Road



- 22a.BLR: 22a Broadlands Road
- 23.BLR: 23 Broadlands Road
- 24.BLR: 24 Broadlands Road
- 25.BLR: 25 Broadlands Road
- 27.BLR: 27 Broadlands Road
- FH: Field House
- PP.Sch: PrePrep School
- GH: Grindal House

Each wall has been assumed to behave as an equivalent beam subject to a bending and extension/compression deformation mechanisms, based on the evaluated greenfield ground movement, as outlined previously.

Tensile strains induced within the building masonry walls have been evaluated based on the deflection ratios Δ/L and horizontal extension mechanisms estimated from the analyses. The assessment considers the well-established Burland (1997) damage classification method, as presented and summarised in Figure 4.4 and Figure 4.5. This method involves a relatively simple but robust means of assessment, which is widely adopted and is considered to comprise an industry standard/best practice basis for impact assessments of this typology.

Potential damage categories are directly related to the tensile strains induced by the proposed construction stages, arising from a combination of direct tension, and bending induced tension mechanisms. The evaluated damage categories correspond to an *unlikely to be exceeded* scenario (on the basis of the data sets adopted and greenfield assumptions).



Category of damage	Description of typical damage (ease of repair is underlined)	Approximate crack width (mm)	Limiting tensile strain ϵ_{lim} (per cent)
0 Negligible	Hairline cracks of less than about 0.1 mm are classed as negligible.	< 0.1	0.0–0.05
1 Very slight	<u>Fine cracks that can easily be treated during normal decoration.</u> Perhaps isolated slight fracture in building. Cracks in external brickwork visible on inspection.	< 1	0.05–0.075
2 Slight	<u>Cracks easily filled. Redecoration probably required.</u> Several slight fractures showing inside of building. Cracks are visible externally and <u>some repointing may be required externally</u> to ensure weathertightness. Doors and windows may stick slightly.	< 5	0.075–0.15
3 Moderate	<u>The cracks require some opening up and can be patched by a mason. Recurrent cracks can be masked by suitable linings. Repointing of external brickwork and possibly a small amount of brickwork to be replaced.</u> Doors and windows sticking. Service pipes may fracture. Weathertightness often impaired.	5–15 or a number of cracks > 3	0.15–0.3
4 Severe	<u>Extensive repair work involving breaking-out and replacing sections of walls, especially over doors and windows.</u> Windows and frames distorted, floor sloping noticeably. Walls leaning or bulging noticeably, some loss of bearing in beams. Service pipes disrupted.	15–25 but also depends on number of cracks	> 0.3
5 Very severe	<u>This requires a major repair involving partial or complete rebuilding.</u> Beams lose bearings, walls lean badly and require shoring. Windows broken with distortion. Danger of instability.	usually > 25 but depends on number of cracks.	

Figure 4.4 Building damage classification, after Burland et al. 1977, Boscardin and Cording 1989 and Burland 2001 - relationship between category of damage and limiting strain ϵ_{lim}

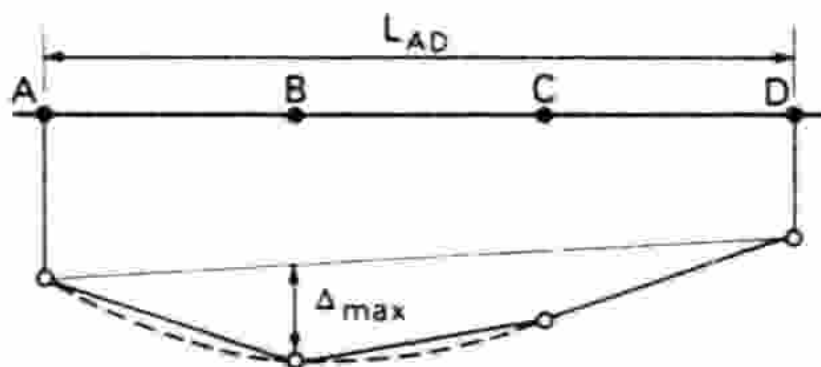


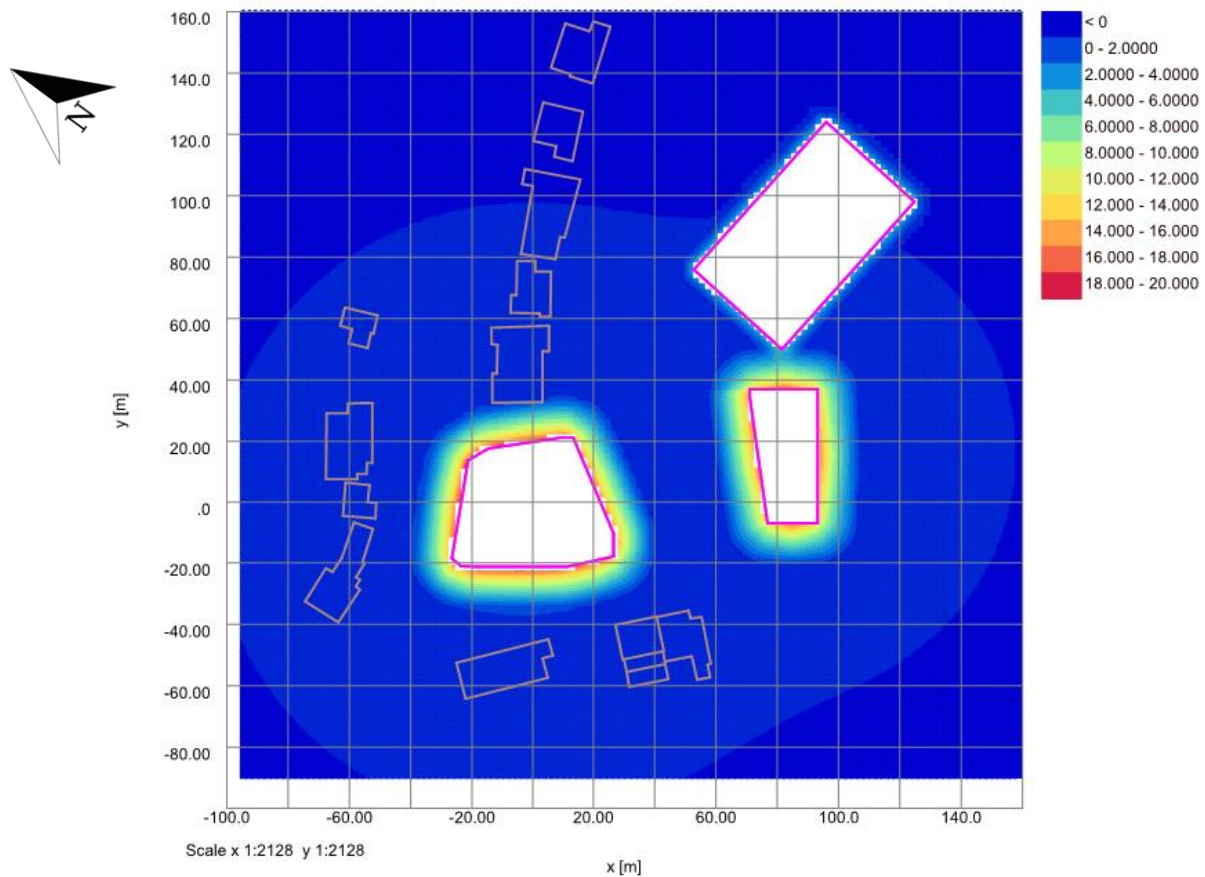
Figure 4.5 Definition of relative deflection Δ and deflection ratio Δ/L



5. Ground Movement Assessment

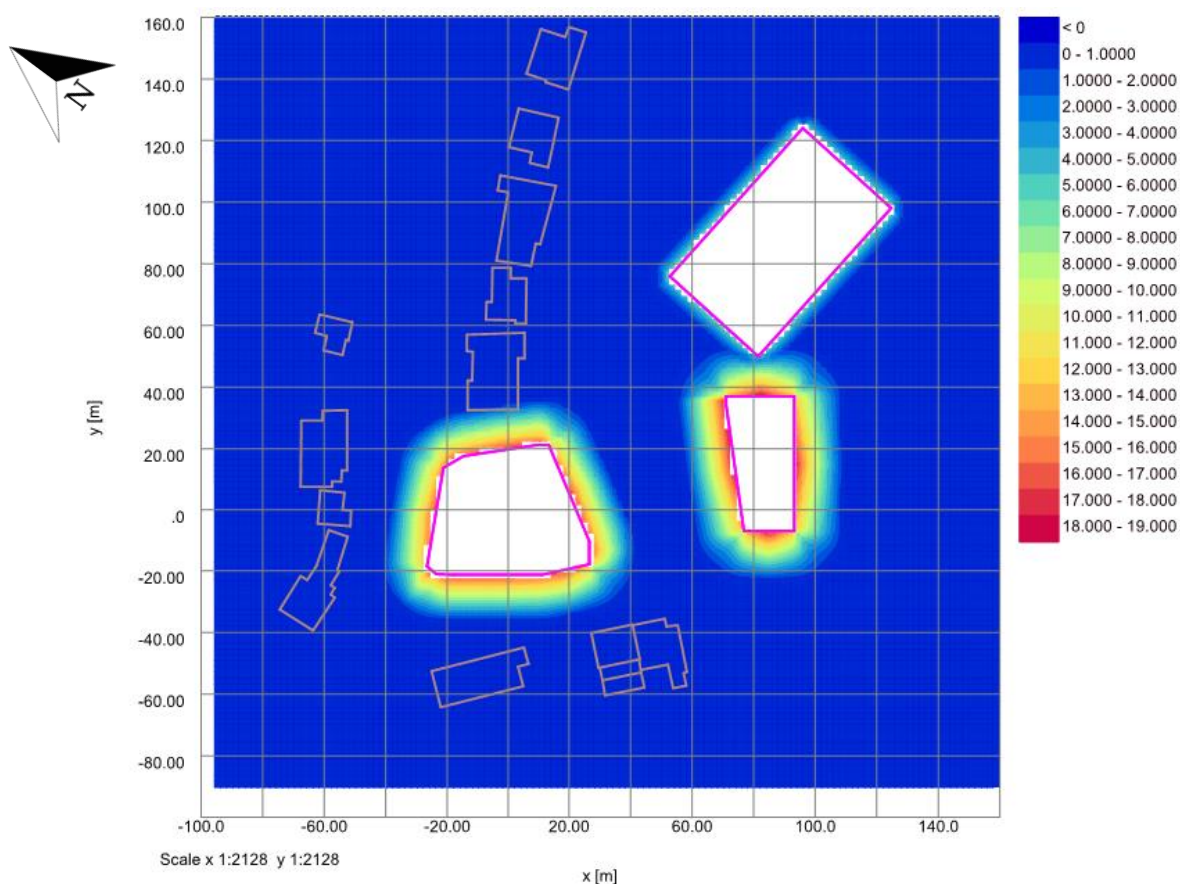
5.1. Façade Damage Categories

The results of the analysis indicate that the damage to all facades will be Category 0 (Negligible) or less, other than 27.BLR.4, which will be Category 1 (Very Slight) in scenarios B1 and B2. Figure 5.1 and Figure 5.2 depict the vertical and horizontal displacements, respectively, from analysis scenario B2 which represents the maximum ground movements.



Sports hall excavation has been simplified to avoid doubling up of CIRIA curves and to give a more accurate representation of ground movement.

Figure 5.1 Vertical settlement plot from scenario B2



Sports hall excavation has been simplified to avoid doubling up of CIRIA curves and to give a more accurate representation of ground movement.

Figure 5.2 Horizontal settlement plot from scenario B2

5.2. Impact on Adjacent Roads and Highways

An assessment of the impact that the proposed development will have on the adjacent roads has been carried out. The assessment included Broadlands Road and Bishopswood Road, with assessments taken at its closest position to the site boundary. The maximum displacements expected along the neighbouring highways is 5-6mm both horizontally and vertically.

5.3. Basement Excavation Criteria

The results of this analysis show that all buildings will fall within the damage classification Category 1: Very Slight if the ground movements caused by the wall installation, excavation and scheme construction are limited to the values presented in for all walls.

It is noted that the GMA will be supplemented by a project-specific monitoring regime and Action Plan, which will delineate lines of responsibility, trigger levels in accordance with those presented in this GMA and appropriate mitigation measures.



Table 5.1 Cumulative limiting ground movement values at the top of the retention system at various construction stages

Stage	General wall deflection limits	
	Vertical	Horizontal
Contiguous pile wall installation	3.0	4.0
Excavation	15.0	19.0
Long-term	20.0	17.0



6. Conclusion

The interaction between the proposed Highgate Mallinson Sports Centre development and the neighbouring properties within the zone of influence of the scheme has been reviewed as part of the GMA study presented herein.

The impact of the various stages of construction have been reviewed on the basis of two alternative methods: evaluating the effects of unloading/overburden removal using PDisp; and simulating the excavation induced ground movements using empirical CIRIA curves in XDisp. In the latter case, a retaining wall solution (during the temporary works stage) has been considered, utilising the CIRIA C760 ground movement curves for low stiffness walls in stiff clay.

These two different scenarios have been considered in order to bind the potential ground movements arising from excavation operations and building loading (capturing the maximum potential heave, settlement, and lateral movement). This strategy ensures a robust evaluation of potential impact in light of the bespoke, intricate, and workmanship-dependent basement construction methodology. Both short-term (undrained) and long-term (drained) conditions have been assessed by adopting the relevant soil stiffness parameters for each case.

The results from the GMA analyses are presented in (denoting the evaluated damage categorisation in accordance with the Burland criteria described herein). It is observed that the maximum potential damage classification for the neighbouring properties is Category 1 – Slight. The deflections predicted by the GMA should be considered to be the maximum acceptable in order to ensure the Slight damage category.

It is noted that the predicted ground movements, the associated wall tensile strains, and the level of damage categorisation are considered to be moderately conservative in view of the relatively cautious data selection and *greenfield* nature of the assessment undertaken.

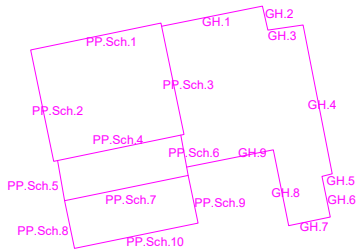
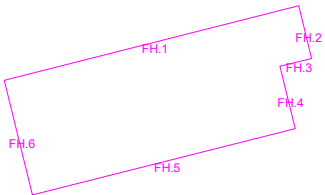
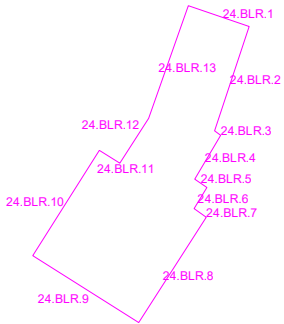
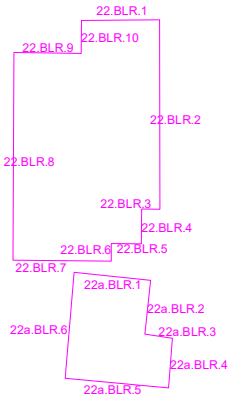
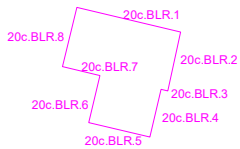
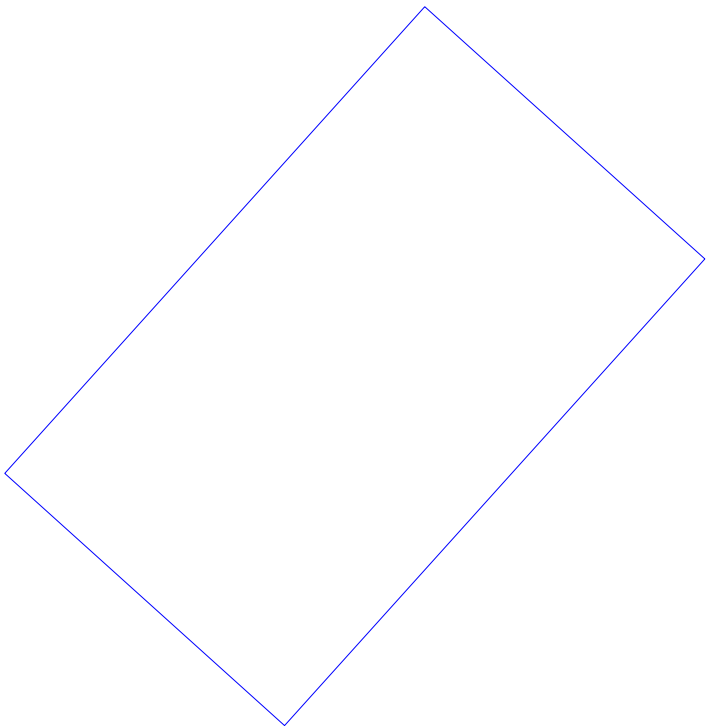
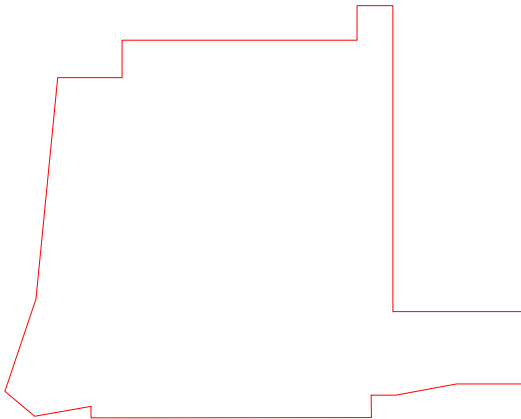
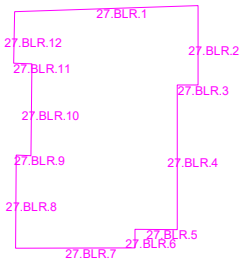
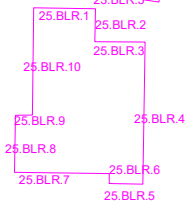
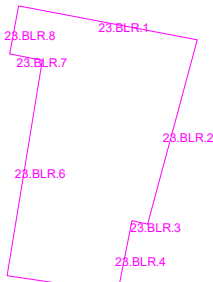
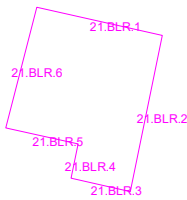
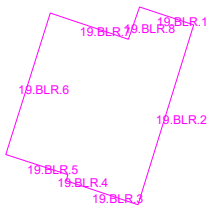
It is noted that the GMA will be supplemented by a project-specific monitoring regime and Action Plan, which will delineate lines of responsibility, trigger levels in accordance with those presented in this GMA and appropriate mitigation measures. The assessment presented herein is dependent and reliant on the works being undertaken by an experienced contractor, high quality workmanship and appropriate supervision of construction means and methods by experienced personnel.

It is recommended that this report is reviewed and understood in full by the project team and major stakeholders. Where significant changes are made to items such as the construction sequencing, temporary propping arrangements and scheme design, the engineer should thoroughly review the discrepancy and evaluate any potential impacts on ground movement and building damage. If necessary, the building damage categories should be re-evaluated.

It is critical that the permanent and temporary works designs are carried out in a coordinated manner between performance specified elements and substructure contractors, with the aim to ensure that such design elements are in alignment with the assumptions / findings of the GMA and overall design intent.



Appendix A: Façade Reference Notation





Appendix B: Loading Information



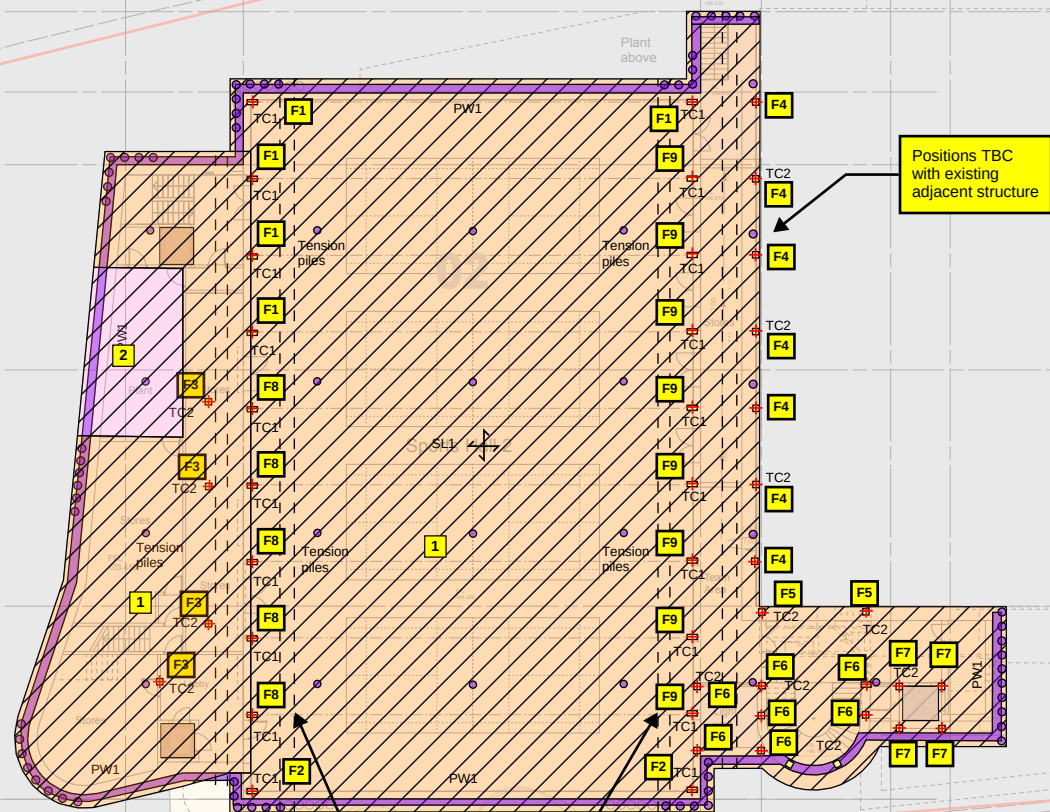
Key

1

SDL = 5.0 kN/m²
Partitions = 1.2 kN/m²
LL = 5.0 kN/m²

2

SDL = 1.5 kN/m²
Partitions = 1.2 kN/m²
LL = 7.5 kN/m² E213 Plant Rooms



Positions TBC
with existing
adjacent structure

Loads	Permanent	Variable
	kN	kN
F1 Load	300	250
F2 Load	200	100
F3 Load	375	250
F4 Load	125	75
F5 Load	200	175
F6 Load	250	250
F7 Load	125	75
F8 Load	175	175
F9 Load	225	200

All loads unfactored and rounded up.

Based on preliminary loading allowances as
per PJCE Stage 2 report.

Thickening

All piles shown nominally. Number, spacing
& diameter all subject to change following
structural / geotechnical design.

Tension piles nominally 300mm diameter.
Subject to geotechnical design.

NOT FOR CONSTRUCTION

PJCE

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L2384-S-08-SK029

HIGHGATE SCHOOL,
SPORTS HALL

BASEMENT LOADING PLAN

STATUS: INFORMATION

DATE: 2024.02.19 REV: -

ISSUE 09/03/2022

Reference Document

Highgate School MSC 4-Phase Scheme

Basement Plan Level 1 proposed

January 2022

Drwg No. 1182 / GA / 010 -

Scale 1:200 @ A1 / 1:400 @ A3

ed toovey architects

studio 401 royle building
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Appendix C: PDisp Inputs & Outputs

Oasys

Highgate Junior School Sports Hall

Unloading and Loading Long Term

Job No.

Sheet No.

Rev.

3244

Drg. Ref.

Made by

Date

Checked

AC

Titles

Job No.:3244

Job Title:Highgate Junior School Sports Hall

Sub-title:Unloading and Loading Long Term

Calculation Heading:

Initials:AC

Checker:

Date Saved:

Date Checked:

Notes:

File Name:3244 Unloading + Loading Long Term 02.pdd

File Path:C:\Users\Alex Corrigan\A-squared Dropbox\A2 matrix\A2-projects-3001-4000\3244 - Highgate Mallison Sports Centre\03 - Calculations\01 Buildings GMA\PDisp

History

Date	Time	By	Notes
05-Mar-2024	16:59	matri	New
05-Mar-2024	17:53	matri	
05-Mar-2024	19:10	matri	
05-Mar-2024	22:40	matri	
14-Mar-2024	15:40	matri	
02-Sep-2024	13:25	Ana Carvalho	
02-Sep-2024	14:00	Ana Carvalho	
02-Sep-2024	14:40	Ana Carvalho	
04-Sep-2024	12:11	Ana Carvalho	
19-Sep-2024	16:17	Ana Carvalho	
20-Sep-2024	18:01	Ana Carvalho	Open

Analysis Options

General

Global Poisson's ratio: 0.20

Maximum allowable ratio between values of E: 1.5

Horizontal rigid boundary level: 34.11 [m OD]

Displacements at load centroids: Yes

GSA piled raft data : No

Elastic

Elastic : Yes

Consolidation

Consolidation : No

Soil ProfilesUndrained

Layer ref.	Name	Level at top	Number of intermediate displacement levels	Youngs Modulus : Top	Youngs Modulus : Btm.	Poissons ratio	Non-linear curve
		[mOD]		[kN/m²]	[kN/m²]		
1	Made Ground	106.80	5	10000.	10000.	0.20000	None
2	Head Deposits	106.50	5	16000.	16000.	0.50000	None
3	Claygate Member	104.40	11	16000.	60000.	0.50000	None
4	London Clay	99.300	131	60000.	327280.	0.50000	None

Soil ProfilesDrained

Layer ref.	Name	Level at top	Number of intermediate displacement levels	Youngs Modulus : Top	Youngs Modulus : Btm.	Poissons ratio	Non-linear curve
		[mOD]		[kN/m²]	[kN/m²]		
1	Made Ground	106.80	5	10000.	10000.	0.20000	None
2	Head Deposits	106.50	5	12800.	12800.	0.20000	None
3	Claygate Member	104.40	11	12800.	48000.	0.20000	None
4	London Clay	99.300	131	48000.	263130.	0.20000	None

Non-linear Curve Coordinates - Non-linear Curve 1

Point	Strain [%]	Factor
-------	------------	--------

Soil Zones

Zone	Name	X min [m]	X max [m]	Y min [m]	Y max [m]	Profile
1	Soil Zone	-95.500	181.83	-90.140	170.45	Drained

Polygonal Load Data

Load ref.	Name	Position : Level	Position : Polygon : Coords.	Position : Polygon : Rect. tolerance [%]	No. of Rectangles	Value : Normal (local z) [kN/m²]
		[m]	[m]			
1	Excavation	103.05000	(-21.2,13.8) (-23.4,-8.98) (-26.6,-18.5) (-23.5,-21.1) (-17.7,-20) (-17.7,-21.2) (11.1,-21.2) (11.1,-18.9) (13.6,-18.9) (19.9,-17.7) (26.6,-17.7) (26.6,-10.3) (13.3,-10.3) (13.3,21.2) (9.64,21.2) (9.63,17.6) (-14.5,17.6) (-14.5,13.8)	10.000	14	-75.000
2	Ampitheatre Excavation	105.30000	(52.7,75.9) (95.9,124) (125.98) (81.5,50)	10.000	1	-30.000
3	Fives Court Demolition	106.80000	(-20.1,16.9) (8.21,16.6) (8.21,-3.98) (-20.1,-3.98)	10.000	1	-24.000
4	Squash Court Demolition	106.80000	(-10.4,-17.4) (4.21,-17.4) (4.16,-4.93) (-10.5,-4.89)	10.000	1	-24.000
5	Building Loading	103.05000	(-21.2,13.8) (-23.4,-8.98) (-26.6,-18.5) (-23.5,-21.1) (-17.7,-20) (-17.7,-21.2) (11.1,-21.2) (11.1,-18.9) (13.6,-18.9) (19.9,-17.7) (26.6,-17.7) (26.6,-10.3) (13.3,-10.3) (13.3,21.2) (9.64,21.2) (9.63,17.6) (-14.5,17.6) (-14.5,13.8)	10.000	14	33.000
6	Fives Court Excavation	102.80000	(71.1,37) (93.1,37) (93.1,-7.01) (76.7,-7) (76.7,33.9) (71,33.9) (71.1,37)	10.000	2	-80.000
7	Fives Court Loading	102.80000	(71.1,37) (93.1,37) (93.1,-7.01) (76.7,-7) (76.7,33.9) (71,33.9)	10.000	2	10.000

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C:\Users\Alex Corrigan\A-squared Dropbo...3244 Unloading + Loading Long Term 02.pdd

Page1

Printed 20-Sep-2024

Time 18:42

Load ref.	Name	Position : Level	Position : Polygon	Polygon : Coords.	Position : Polygon Rectangles : Rect. tolerance	No. of Rectangles	Value : Normal (local z)	
1			(71.1,37)					
Polygonal Loads' Rectangles								
No.	Centre : x	Centre : y	Angle of local x from global X [Degrees]	Width [m]	x	Depth [m]	y	
Load 1 : Excavation (Edge 11 optimal)								
1	-23.29177	-20.94600	90.000	0.20800	0.70154			
2	-22.83531	-20.73800	90.000	0.20800	2.1046			
3	-22.37886	-20.53000	90.000	0.20800	3.5077			
4	-21.92240	-20.32200	90.000	0.20800	4.9108			
5	-21.46594	-20.11400	90.000	0.20800	6.3139			
6	-3.30889	-20.59500	90.000	1.1700	28.813			
7	-7.16229	-19.44000	90.000	1.1400	36.510			
8	-5.81869	-18.67000	90.000	0.40000	41.011			
9	-4.31099	-18.09500	90.000	0.75000	44.246			
10	0.75212	-13.99500	90.000	7.4300	51.616			
11	-5.13925	-9.63000	90.000	1.3000	36.898			
12	-4.47750	2.40000	90.000	22.760	35.575			
13	-0.61000	15.71000	90.000	3.8400	27.840			
14	11.47249	19.41000	90.000	3.5600	3.6750			
Load 2 : Amphitheatre Excavation (Edge 2 optimal)								
1	88.66000	86.94500	48.002	64.548	38.739			
Load 3 : Fives Court Demolition (Edge 2 optimal)								
1	-5.94500	6.36250	0.0	28.310	20.685			
Load 4 : Squash Court Demolition (Edge 1 optimal)								
1	-3.12002	-11.14004	0.078434	14.577	12.460			
Load 5 : Building Loading (Edge 11 optimal)								
1	-23.29177	-20.94600	90.000	0.20800	0.70154			
2	-22.83531	-20.73800	90.000	0.20800	2.1046			
3	-22.37886	-20.53000	90.000	0.20800	3.5077			
4	-21.92240	-20.32200	90.000	0.20800	4.9108			
5	-21.46594	-20.11400	90.000	0.20800	6.3139			
6	-3.30889	-20.59500	90.000	1.1700	28.813			
7	-7.16229	-19.44000	90.000	1.1400	36.510			
8	-5.81869	-18.67000	90.000	0.40000	41.011			
9	-4.31099	-18.09500	90.000	0.75000	44.246			
10	0.75212	-13.99500	90.000	7.4300	51.616			
11	-5.13925	-9.63000	90.000	1.3000	36.898			
12	-4.47750	2.40000	90.000	22.760	35.575			
13	-0.61000	15.71000	90.000	3.8400	27.840			
14	11.47249	19.41000	90.000	3.5600	3.6750			
Load 6 : Fives Court Excavation (Edge 7 optimal)								
1	82.09733	35.43097	-90.098	3.0603	22.085			
2	84.91483	13.45003	-90.098	40.892	16.440			
Load 7 : Fives Court Loading (Edge 7 optimal)								
1	82.09733	35.43097	-90.098	3.0603	22.085			
2	84.91483	13.45003	-90.098	40.892	16.440			
Displacement Lines								
Name	X1	Y1	Z1	X2	Y2	Z2	Intervals Calculate	Detailed Results
	[m]	[m]	[m]	[m]	[m]	[m]	[No.]	
20c.BLR.1	-61.43000	63.57000	106.80000	-50.74000	61.03000	106.80000	22 Yes	Yes
20c.BLR.2	-50.74000	61.03000	106.80000	-52.09000	54.99000	106.80000	13 Yes	Yes
20c.BLR.3	-52.09000	54.99000	106.80000	-52.78000	55.16000	106.80000	2 Yes	Yes
20c.BLR.4	-52.78000	55.16000	106.80000	-53.92000	50.25000	106.80000	11 Yes	Yes
20c.BLR.5	-53.92000	50.25000	106.80000	-60.19000	51.73000	106.80000	13 Yes	Yes
20c.BLR.6	-60.19000	51.73000	106.80000	-59.05000	56.56000	106.80000	10 Yes	Yes
20c.BLR.7	-59.05000	56.56000	106.80000	-62.89000	57.48000	106.80000	8 Yes	Yes
20c.BLR.8	-62.89000	57.48000	106.80000	-61.43000	63.57000	106.80000	13 Yes	Yes
22.BLR.1	-60.43000	32.30000	106.80000	-52.42000	32.38000	106.80000	17 Yes	Yes
22.BLR.2	-52.42000	32.38000	106.80000	-52.38000	12.91000	106.80000	39 Yes	Yes
22.BLR.3	-52.38000	12.91000	106.80000	-54.26000	12.93000	106.80000	4 Yes	Yes
22.BLR.4	-54.26000	12.93000	106.80000	-54.27000	9.35000	106.80000	8 Yes	Yes
22.BLR.5	-54.27000	9.35000	106.80000	-57.37000	9.36000	106.80000	7 Yes	Yes
22.BLR.6	-57.37000	9.36000	106.80000	-57.38000	7.57000	106.80000	4 Yes	Yes
22.BLR.7	-57.38000	7.57000	106.80000	-67.46000	7.66000	106.80000	21 Yes	Yes
22.BLR.8	-67.46000	7.66000	106.80000	-67.38000	29.02000	106.80000	43 Yes	Yes
22.BLR.9	-67.38000	29.02000	106.80000	-60.46000	28.94000	106.80000	14 Yes	Yes
22.BLR.10	-60.46000	28.94000	106.80000	-60.43000	32.30000	106.80000	7 Yes	Yes
22a.BLR.1	-61.21000	6.41000	106.80000	-53.34000	5.58000	106.80000	16 Yes	Yes
22a.BLR.2	-53.34000	5.58000	106.80000	-53.91000	0.05000	106.80000	12 Yes	Yes
22a.BLR.3	-53.91000	0.05000	106.80000	-51.07000	-0.36000	106.80000	6 Yes	Yes
22a.BLR.4	-51.07000	-0.36000	106.80000	-51.49000	-5.47000	106.80000	11 Yes	Yes
22a.BLR.5	-51.49000	-5.47000	106.80000	-62.13000	-4.49000	106.80000	22 Yes	Yes
22a.BLR.6	-62.13000	-4.49000	106.80000	-61.21000	6.41000	106.80000	22 Yes	Yes
24.BLR.1	-52.15000	-8.92000	106.80000	-58.40000	-6.77000	106.80000	14 Yes	Yes
24.BLR.2	-55.69000	-19.65000	106.80000	-52.15000	-8.92000	106.80000	23 Yes	Yes
24.BLR.3	-55.06000	-20.13000	106.80000	-55.69000	-19.65000	106.80000	2 Yes	Yes
24.BLR.4	-57.72000	-24.63000	106.80000	-55.06000	-20.13000	106.80000	11 Yes	Yes
24.BLR.5	-56.50000	-25.47000	106.80000	-57.72000	-24.63000	106.80000	3 Yes	Yes
24.BLR.6	-57.82000	-27.66000	106.80000	-56.50000	-25.47000	106.80000	6 Yes	Yes
24.BLR.7	-56.55000	-28.53000	106.80000	-57.82000	-27.66000	106.80000	4 Yes	Yes
24.BLR.8	-63.49000	-39.35000	106.80000	-56.55000	-28.53000	106.80000	26 Yes	Yes
24.BLR.9	-74.38000	-32.49000	106.80000	-63.49000	-39.35000	106.80000	26 Yes	Yes
24.BLR.10	-67.55000	-21.64000	106.80000	-74.38000	-32.49000	106.80000	26 Yes	Yes
24.BLR.11	-65.43000	-22.97000	106.80000	-67.55000	-21.64000	106.80000	6 Yes	Yes
24.BLR.12	-62.48000	-18.37000	106.80000	-65.43000	-22.97000	106.80000	11 Yes	Yes
24.BLR.13	-58.40000	-6.77000	106.80000	-62.48000	-18.37000	106.80000	25 Yes	Yes
FH.1	-24.98000	-52.40000	106.80000	5.28000	-44.73000	106.80000	63 Yes	Yes
FH.2	5.28000	-44.73000	106.80000	6.61000	-50.14000	106.80000	12 Yes	Yes
FH.3	6.61000	-50.14000	106.80000	3.34000	-50.94000	106.80000	7 Yes	Yes
FH.4	3.34000	-50.94000	106.80000	4.92000	-57.37000	106.80000	14 Yes	Yes
FH.5	4.92000	-57.37000	106.80000	-22.10000	-64.19000	106.80000	56 Yes	Yes
FH.6	-22.10000	-64.19000	106.80000	-24.98000	-52.40000	106.80000	25 Yes	Yes
PP.Sch.1	27.17000	-40.03000	106.80000	40.58000	-37.27000	106.80000	28 Yes	Yes
PP.Sch.2	29.53000	-51.47000	106.80000	27.17000	-40.03000	106.80000	24 Yes	Yes
PP.Sch.3	40.58000	-37.27000	106.80000	42.93000	-48.71000	106.80000	24 Yes	Yes
PP.Sch.4	42.93000	-48.71000	106.80000	29.53000	-51.47000	106.80000	28 Yes	Yes
PP.Sch.5	29.95000	-51.38000	106.80000	30.66000	-55.53000	106.80000	9 Yes	Yes
PP.Sch.6	43.37000	-52.92000	106.80000	42.60000	-48.78000	106.80000	9 Yes	Yes
PP.Sch.7	30.66000	-55.53000	106.80000	43.37000	-52.92000	106.80000	26 Yes	Yes
PP.Sch.8	30.66000	-55.53000	106.80000	31.67000	-60.43000	106.80000	11 Yes	Yes
PP.Sch.9	44.37000	-57.82000	106.80000	43.37000	-52.92000	106.80000	11 Yes	Yes
PP.Sch.10	31.67000	-60.43000	106.80000	44.37000	-57.82000	106.80000	26 Yes	Yes
GH.1	40.64000	-37.57000	106.80000	50.99000	-35.52000	106.80000	22 Yes	Yes
GH.2	50.99000	-35.52000	106.80000	51.55000	-37.98000	106.80000	6 Yes	Yes
GH.3	51.55000	-37.98000	106.80000	55.16000	-37.46000	106.80000	8 Yes	Yes
GH.4	55.16000	-37.46000	106.80000	58.17000	-52.75000	106.80000	32 Yes	Yes
GH.5	58.17000	-52.75000	106.80000	57.11000	-53.02000	106.80000	3 Yes	Yes
GH.6	57.11000	-53.02000	106.80000	57.97000	-57.21000	106.80000	9 Yes	Yes
GH.7	57.97000	-57.21000	106.80000	53.71000	-58.07000	106.80000	9 Yes	Yes
GH.8	53.71000	-58.07000	106.80000	52.12000	-50.28000	106.80000	16 Yes	Yes
GH.9	52.12000	-50.28000	106.80000	43.20000	-52.05000	106.80000	19 Yes	Yes
27.BLR.1	5.43000	57.47000	106.80000	-13.45000	56.86000	106.80000	38 Yes	Yes
27.BLR.2	5.43000	49.32000	106.80000	5.43000	57.47000	106.80000	17 Yes	Yes

Name	X1	Y1	Z1	X2	Y2	Z2	Intervals	Calculate	Detailed
	[m]	[m]	[m]	[m]	[m]	[m]	[No.]		Results
27.BLR.3	3.28000	49.32000	106.80000	5.43000	49.32000	106.80000	5	Yes	Yes
27.BLR.4	3.26000	32.61000	106.80000	3.28000	49.32000	106.80000	34	Yes	Yes
27.BLR.5	-13.35000	32.54000	106.80000	3.26000	32.61000	106.80000	34	Yes	Yes
27.BLR.6	-13.29000	42.10000	106.80000	-13.35000	32.54000	106.80000	20	Yes	Yes
27.BLR.7	-11.75000	42.04000	106.80000	-13.29000	42.10000	106.80000	4	Yes	Yes
27.BLR.8	-11.65000	51.49000	106.80000	-11.75000	42.04000	106.80000	19	Yes	Yes
27.BLR.9	-13.52000	51.57000	106.80000	-11.65000	51.49000	106.80000	4	Yes	Yes
27.BLR.10	-13.45000	56.86000	106.80000	-13.52000	51.57000	106.80000	11	Yes	Yes
25.BLR.1	-5.31000	78.65000	106.80000	1.05000	78.56000	106.80000	13	Yes	Yes
25.BLR.2	1.05000	78.56000	106.80000	0.98000	75.16000	106.80000	7	Yes	Yes
25.BLR.3	0.98000	75.16000	106.80000	6.14000	75.12000	106.80000	11	Yes	Yes
25.BLR.4	6.14000	75.12000	106.80000	5.92000	60.51000	106.80000	30	Yes	Yes
25.BLR.5	5.92000	60.51000	106.80000	2.44000	60.57000	106.80000	7	Yes	Yes
25.BLR.6	2.44000	60.57000	106.80000	2.46000	61.58000	106.80000	3	Yes	Yes
25.BLR.7	2.46000	61.58000	106.80000	-7.28000	61.73000	106.80000	20	Yes	Yes
25.BLR.8	-7.28000	61.73000	106.80000	-7.19000	67.60000	106.80000	12	Yes	Yes
25.BLR.9	-7.19000	67.60000	106.80000	-5.43000	67.63000	106.80000	4	Yes	Yes
25.BLR.10	-5.43000	67.63000	106.80000	-5.31000	78.65000	106.80000	23	Yes	Yes
23.BLR.1	15.72000	105.18000	106.80000	-2.63000	108.65000	106.80000	38	Yes	Yes
23.BLR.2	10.63000	86.23000	106.80000	15.72000	105.18000	106.80000	40	Yes	Yes
23.BLR.3	8.99000	86.58000	106.80000	10.63000	86.23000	106.80000	4	Yes	Yes
23.BLR.4	7.56000	79.23000	106.80000	8.99000	86.58000	106.80000	15	Yes	Yes
23.BLR.5	-3.85000	80.93000	106.80000	7.56000	79.23000	106.80000	24	Yes	Yes
23.BLR.6	-0.21000	103.06000	106.80000	-3.85000	80.93000	106.80000	45	Yes	Yes
23.BLR.7	-3.57000	103.72000	106.80000	-0.21000	103.06000	106.80000	7	Yes	Yes
23.BLR.8	-2.63000	108.65000	106.80000	-3.57000	103.72000	106.80000	11	Yes	Yes
21.BLR.1	16.46000	127.30000	106.80000	3.53000	130.23000	106.80000	27	Yes	Yes
21.BLR.2	13.15000	111.25000	106.80000	16.46000	127.30000	106.80000	33	Yes	Yes
21.BLR.3	7.06000	112.63000	106.80000	13.15000	111.25000	106.80000	13	Yes	Yes
21.BLR.4	7.79000	116.16000	106.80000	7.06000	112.63000	106.80000	8	Yes	Yes
21.BLR.5	0.34000	117.81000	106.80000	7.79000	116.16000	106.80000	16	Yes	Yes
21.BLR.6	3.53000	130.23000	106.80000	0.34000	117.81000	106.80000	26	Yes	Yes
19.BLR.1	25.41000	154.93000	106.80000	19.86000	156.76000	106.80000	12	Yes	Yes
19.BLR.2	19.68000	136.44000	106.80000	25.41000	154.93000	106.80000	39	Yes	Yes
19.BLR.3	12.32000	138.92000	106.80000	19.68000	136.44000	106.80000	16	Yes	Yes
19.BLR.4	12.50000	139.53000	106.80000	12.32000	138.92000	106.80000	2	Yes	Yes
19.BLR.5	6.10000	141.59000	106.80000	12.50000	139.53000	106.80000	14	Yes	Yes
19.BLR.6	10.69000	156.14000	106.80000	6.10000	141.59000	106.80000	31	Yes	Yes
19.BLR.7	18.70000	153.46000	106.80000	10.69000	156.14000	106.80000	17	Yes	Yes
19.BLR.8	19.86000	156.76000	106.80000	18.70000	153.46000	106.80000	7	Yes	Yes

Displacement Grids

Name	Extrusion: Direction	X1	Y1	Z1	X2	Y2	Z2	Intervals	Extrusion: Distance	Extrusion: Intervals	Calculate	Detailed
		[m]	[m]	[m]	[m]	[m]	[m]	Along Line [No.]	[m]	Along [No.]		Results
Grid	Global X	-95.50000	-90.14000	106.80000	-	170.45000	106.80000	139	277.33000	139	Yes	Yes

Results : Immediate : Load Centres : Polygonal

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
1	Excavation	-2.84181	-3.05440	103.05000	-21.79026	102.91	-62.501	-138.35	-0.0020522
2	Amphitheatre Excavation	88.66000	86.94500	10.30000	-15.20091	105.15	-30.000	-71.592	-0.0016939
3	Fives Court Demolition	5.98287	6.36209	106.80000	-26.76207	106.78	-24.000	-57.499	-0.0017300
4	Squash Court Demolition	-3.12837	-11.13930	106.80000	-25.54588	106.78	-24.000	-57.441	-0.0017312
5	Building Loading	-2.84181	-3.05440	103.05000	-21.79026	102.91	-62.501	-138.35	-0.0020522
6	Fives Court Excavation	84.65696	15.45166	102.80000	-20.53324	102.66	-70.001	-166.35	-0.0020446
7	Fives Court Loading	84.65696	15.45166	102.80000	-20.53324	102.66	-70.001	-166.35	-0.0020446

Results : Consolidation : Load Centres : Polygonal

None

Results : Total : Load Centres : Polygonal

None

Results : Immediate : Displacement Data : Lines

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
1	20c.BLR.1	-61.43000	63.57000	106.80000	-0.00839	106.78	-40.510E-12	-324.37E-6	6.4874E-9
1	20c.BLR.1	-60.94408	63.45455	106.80000	-0.00951	106.78	-41.603E-12	-329.46E-6	6.5893E-9
1	20c.BLR.1	-60.45818	63.33909	106.80000	-0.01065	106.78	-42.727E-12	-334.65E-6	6.6931E-9
1	20c.BLR.1	-59.97227	63.22364	106.80000	-0.01183	106.78	-43.888E-12	-339.94E-6	6.7989E-9
1	20c.BLR.1	-59.48636	63.10818	106.80000	-0.01303	106.78	-45.083E-12	-345.33E-6	6.9067E-9
1	20c.BLR.1	-59.00045	62.99273	106.80000	-0.01427	106.78	-46.312E-12	-350.83E-6	7.0165E-9
1	20c.BLR.1	-57.51455	62.72271	106.80000	-0.01554	106.78	-47.583E-12	-356.42E-6	7.1284E-9
1	20c.BLR.1	-58.02864	62.76182	106.80000	-0.01685	106.78	-48.892E-12	-362.12E-6	7.2425E-9
1	20c.BLR.1	-57.54273	62.64636	106.80000	-0.01819	106.78	-50.240E-12	-367.93E-6	7.3587E-9
1	20c.BLR.1	-57.05682	62.53091	106.80000	-0.01956	106.78	-51.628E-12	-373.85E-6	7.4771E-9
1	20c.BLR.1	-56.57091	62.41545	106.80000	-0.02097	106.78	-53.062E-12	-379.89E-6	7.5977E-9
1	20c.BLR.1	-51.22591	61.14545	106.80000	-0.02242	106.78	-54.540E-12	-386.03E-6	7.7207E-9
1	20c.BLR.1	-55.59909	62.18455	106.80000	-0.02390	106.78	-56.062E-12	-392.30E-6	7.8460E-9
1	20c.BLR.1	-55.11318	62.06909	106.80000	-0.02543	106.78	-57.631E-12	-398.68E-6	7.9737E-9
1	20c.BLR.1	-54.62727	61.95364	106.80000	-0.02699	106.78	-59.249E-12	-405.19E-6	8.1038E-9
1	20c.BLR.1	-54.14136	61.83818	106.80000	-0.02859	106.78	-60.920E-12	-411.82E-6	8.2363E-9
1	20c.BLR.1	-53.65545	61.72273	106.80000	-0.03023	106.78	-62.643E-12	-418.57E-6	8.3715E-9
1	20c.BLR.1	-53.16955	61.60727	106.80000	-0.03191	106.78	-64.414E-12	-425.46E-6	8.5092E-9
1	20c.BLR.1	-52.68364	61.49182	106.80000	-0.03363	106.78	-66.244E-12	-432.47E-6	8.6495E-9
1	20c.BLR.1	-52.19773	61.37636	106.80000	-0.03540	106.78	-68.132E-12	-439.62E-6	8.7924E-9
1	20c.BLR.1	-51.71182	61.26091	106.80000	-0.03721	106.78	-70.078E-12	-446.91E-6	8.9381E-9
1	20c.BLR.1	-51.22591	61.14545	106.80000	-0.03906	106.78	-72.084E-12	-454.33E-6	9.0866E-9
1	20c.BLR.1	-50.74000	61.03000	106.80000	-0.04096	106.78	-74.152E-12	-461.90E-6	9.2379E-9
2	20c.BLR.2	-50.74000	61.03000	106.80000	-0.04096	106.78	-74.152E-12	-461.90E-6	9.2379E-9
2	20c.BLR.2	-50.84385	60.56538	106.80000	-0.04251	106.78	-75.815E-12	-467.88E-6	9.3575E-9
2	20c.BLR.2	-50.94769	60.10077	106.80000	-0.04409	106.78	-77.509E-12	-473.92E-6	9.4785E-9
2	20c.BLR.2	-51.05154	59.63615	106.80000	-0.04569	106.78	-79.239E-12	-480.04E-6	9.6008E-9
2	20c.BLR.2	-51.15538	59.17154	106.80000	-0.04732	106.78	-81.007E-12	-486.22E-6	9.7244E-9
2	20c.BLR.2	-51.25923	58.70692	106.80000	-0.04896	106.78	-82.809E-12	-492.47E-6	9.8494E-9
2	20c.BLR.2	-51.36308	58.24231	106.80000	-0.05064	106.78	-84.648E-12	-498.78E-6	9.9756E-9
2	20c.BLR.2	-51.46692	57.77769	106.80000	-0.05233	106.78	-86.523E-12	-505.16E-6	10.1039E-9
2	20c.BLR.2	-51.57077	57.30908	106.80000	-0.05403	106.78	-88.435E-12	-511.61E-6	10.2322E-9
2	20c.BLR.2	-51.67462	56.84846	106.80000	-0.05579	106.78	-90.388E-12	-518.12E-6	10.3629E-9
2	20c.BLR.2	-51.77846	56.38385	106.80000	-0.05756	106.78	-92.376E-12	-524.69E-6	10.4949E-9
2	20c.BLR.2	-51.88231	55.91923	106.80000	-0.05935	106.78	-94.403E-12	-531.33E-6	10.6279E-9
2	20c.BLR.2	-51.98615	55.45462	106.80000	-0.06116	106.78	-96.469E-12	-538.03E-6	10.7619E-9
2	20c.BLR.2	-52.09000	54.99000	106.80000	-0.06299	106.78	-98.573E-12	-544.79E-6	10.8966E-9
3	20c.BLR.3	-52.09000	54.99000	106.80000	-0.06299	106.78	-98.573E-12	-544.79E-6	10.8966E-9
3	20c.BLR.3	-52.43500	55.07500	106.80000	-0.06114	106.78	-96.358E-12	-537.65E-6	10.7539E-9
3	20c.BLR.3	-52.78000	55.16000	106.80000	-0.05932	106.78	-94.202E-12	-530.63E-6	10.6139E-9
4	20c.BLR.4	-52.78000	55.16000	106.80000	-0.05932	106.78	-94.202E-12	-530.63E-6	10.6139E-9

Oasys
Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
	[m]	[m]	[mOD]	[mm]			[kN/m²]	[kN/m²]	[µ]
4	20c.BLR.4	-52.98364	54.71364	106.80000	-0.06101	106.78	-96.1135E-12	-536.84E-6	10.737E-9
4	20c.BLR.4	-52.98727	54.26727	106.80000	-0.06271	106.78	-98.056E-12	-543.10E-6	10.862E-9
4	20c.BLR.4	-53.09091	53.82091	106.80000	-0.06444	106.78	-100.03E-12	-549.40E-6	10.988E-9
4	20c.BLR.4	-53.19455	53.37455	106.80000	-0.06618	106.78	-102.04E-12	-555.75E-6	11.115E-9
4	20c.BLR.4	-53.29818	52.92818	106.80000	-0.06794	106.78	-104.07E-12	-562.15E-6	11.243E-9
4	20c.BLR.4	-52.40182	52.48182	106.80000	-0.06972	106.78	-106.15E-12	-568.59E-6	11.372E-9
4	20c.BLR.4	-53.50545	52.03545	106.80000	-0.07151	106.78	-108.25E-12	-575.07E-6	11.501E-9
4	20c.BLR.4	-53.60909	51.58909	106.80000	-0.07333	106.78	-110.38E-12	-581.60E-6	11.632E-9
4	20c.BLR.4	-53.71273	51.14273	106.80000	-0.07516	106.78	-112.54E-12	-588.16E-6	11.763E-9
4	20c.BLR.4	-53.81636	50.69636	106.80000	-0.07700	106.78	-114.74E-12	-594.76E-6	11.895E-9
4	20c.BLR.4	-53.92000	50.25000	106.80000	-0.07887	106.78	-116.96E-12	-601.40E-6	12.028E-9
5	20c.BLR.5	-53.92000	50.25000	106.80000	-0.07887	106.78	-116.96E-12	-601.40E-6	12.028E-9
5	20c.BLR.5	-54.40231	50.36385	106.80000	-0.07576	106.78	-113.03E-12	-589.63E-6	11.793E-9
5	20c.BLR.5	-54.88462	50.47769	106.80000	-0.07274	106.78	-109.26E-12	-578.14E-6	11.563E-9
5	20c.BLR.5	-55.36692	50.59154	106.80000	-0.06980	106.78	-105.62E-12	-566.93E-6	11.339E-9
5	20c.BLR.5	-55.85023	50.70538	106.80000	-0.06688	106.78	-102.13E-12	-555.99E-6	11.120E-9
5	20c.BLR.5	-56.33154	50.81923	106.80000	-0.06415	106.78	-98.770E-12	-545.31E-6	10.906E-9
5	20c.BLR.5	-56.81385	50.93308	106.80000	-0.06144	106.78	-95.540E-12	-534.89E-6	10.698E-9
5	20c.BLR.5	-57.29615	51.04692	106.80000	-0.05880	106.78	-92.428E-12	-524.71E-6	10.494E-9
5	20c.BLR.5	-57.77846	51.16077	106.80000	-0.05623	106.78	-89.431E-12	-514.77E-6	10.295E-9
5	20c.BLR.5	-58.26077	52.74662	106.80000	-0.05374	106.78	-86.548E-12	-505.07E-6	10.101E-9
5	20c.BLR.5	-58.74308	51.38846	106.80000	-0.05131	106.78	-83.774E-12	-495.59E-6	9.9119E-9
5	20c.BLR.5	-59.22538	51.50231	106.80000	-0.04895	106.78	-81.096E-12	-486.34E-6	9.7268E-9
5	20c.BLR.5	-59.70769	51.61615	106.80000	-0.04666	106.78	-78.520E-12	-477.30E-6	9.5461E-9
5	20c.BLR.5	-60.19000	51.73000	106.80000	-0.04442	106.78	-76.041E-12	-468.48E-6	9.3695E-9
6	20c.BLR.6	-60.41900	51.73000	106.80000	-0.04442	106.78	-76.041E-12	-468.48E-6	9.3695E-9
6	20c.BLR.6	-60.07600	52.21300	106.80000	-0.04314	106.78	-74.735E-12	-463.77E-6	9.2754E-9
6	20c.BLR.6	-59.96200	52.69600	106.80000	-0.04186	106.78	-73.440E-12	-459.08E-6	9.1815E-9
6	20c.BLR.6	-59.84800	53.17900	106.80000	-0.04059	106.78	-72.158E-12	-454.40E-6	9.0880E-9
6	20c.BLR.6	-59.73400	53.66200	106.80000	-0.03933	106.78	-70.891E-12	-449.74E-6	8.9947E-9
6	20c.BLR.6	-59.62000	54.14500	106.80000	-0.03808	106.78	-69.640E-12	-445.09E-6	8.9018E-9
6	20c.BLR.6	-59.50600	54.62800	106.80000	-0.03684	106.78	-68.399E-12	-440.46E-6	8.8092E-9
6	20c.BLR.6	-59.39200	55.11100	106.80000	-0.03561	106.78	-67.174E-12	-435.85E-6	8.7170E-9
6	20c.BLR.6	-59.27800	55.59400	106.80000	-0.03439	106.78	-65.965E-12	-431.26E-6	8.6252E-9
6	20c.BLR.6	-59.16400	56.07700	106.80000	-0.03319	106.78	-64.770E-12	-426.70E-6	8.5339E-9
6	20c.BLR.6	-59.05000	56.56000	106.80000	-0.03199	106.78	-63.592E-12	-422.15E-6	8.4430E-9
7	20c.BLR.7	-59.05000	56.56000	106.80000	-0.03199	106.78	-63.592E-12	-422.15E-6	8.4430E-9
7	20c.BLR.7	-59.53000	56.67500	106.80000	-0.03024	106.78	-61.733E-12	-414.92E-6	8.2983E-9
7	20c.BLR.7	-60.01000	56.79000	106.80000	-0.02852	106.78	-59.939E-12	-407.83E-6	8.1566E-9
7	20c.BLR.7	-60.49000	56.90500	106.80000	-0.02686	106.78	-58.202E-12	-400.90E-6	8.0179E-9
7	20c.BLR.7	-60.97000	57.02000	106.80000	-0.02524	106.78	-56.521E-12	-394.11E-6	7.8821E-9
7	20c.BLR.7	-61.45000	57.13500	106.80000	-0.02366	106.78	-54.898E-12	-387.46E-6	7.7491E-9
7	20c.BLR.7	-61.93000	57.25000	106.80000	-0.02212	106.78	-53.327E-12	-380.95E-6	7.6189E-9
7	20c.BLR.7	-62.41000	57.36500	106.80000	-0.02063	106.78	-51.809E-12	-374.57E-6	7.4914E-9
7	20c.BLR.7	-62.89000	57.48000	106.80000	-0.01918	106.78	-50.339E-12	-368.32E-6	7.3665E-9
8	20c.BLR.8	-62.89000	57.48000	106.80000	-0.01918	106.78	-50.339E-12	-368.32E-6	7.3665E-9
8	20c.BLR.8	-62.77769	57.94846	106.80000	-0.01830	106.78	-49.530E-12	-364.85E-6	7.2970E-9
8	20c.BLR.8	-62.66538	58.41692	106.80000	-0.01743	106.78	-48.730E-12	-361.39E-6	7.2278E-9
8	20c.BLR.8	-62.55308	58.88538	106.80000	-0.01656	106.78	-47.939E-12	-357.94E-6	7.1588E-9
8	20c.BLR.8	-62.44077	59.35385	106.80000	-0.01571	106.78	-47.151E-12	-354.51E-6	7.0902E-9
8	20c.BLR.8	-62.32846	59.82331	106.80000	-0.01486	106.78	-46.376E-12	-351.08E-6	7.0218E-9
8	20c.BLR.8	-62.21615	60.29077	106.80000	-0.01402	106.78	-45.614E-12	-347.69E-6	6.9538E-9
8	20c.BLR.8	-62.10385	60.75923	106.80000	-0.01319	106.78	-44.855E-12	-344.30E-6	6.8861E-9
8	20c.BLR.8	-61.99154	61.22769	106.80000	-0.01237	106.78	-44.109E-12	-340.93E-6	6.8187E-9
8	20c.BLR.8	-61.87923	61.69615	106.80000	-0.01156	106.78	-43.370E-12	-337.59E-6	6.7517E-9
8	20c.BLR.8	-61.76692	62.16462	106.80000	-0.01075	106.78	-42.641E-12	-334.25E-6	6.6850E-9
8	20c.BLR.8	-61.65462	62.63308	106.80000	-0.00996	106.78	-41.922E-12	-330.94E-6	6.6187E-9
8	20c.BLR.8	-61.54231	63.10154	106.80000	-0.00917	106.78	-41.210E-12	-327.64E-6	6.5528E-9
8	20c.BLR.8	-61.43000	63.57000	106.80000	-0.00839	106.78	-40.510E-12	-324.37E-6	6.4874E-9
9	22.BLR.1	-60.43000	32.30000	106.80000	-0.13511	106.78	-182.66E-12	-779.42E-6	15.588E-9
9	22.BLR.1	-59.25882	32.30471	106.80000	-0.13972	106.78	-189.57E-12	-796.17E-6	15.923E-9
9	22.BLR.1	-59.48765	32.30941	106.80000	-0.14448	106.78	-196.79E-12	-813.39E-6	16.268E-9
9	22.BLR.1	-59.01647	32.31412	106.80000	-0.14936	106.78	-204.32E-12	-831.08E-6	16.622E-9
9	22.BLR.1	-58.54529	32.31882	106.80000	-0.15437	106.78	-212.20E-12	-849.27E-6	16.985E-9
9	22.BLR.1	-58.07412	32.32353	106.80000	-0.15951	106.78	-220.44E-12	-867.96E-6	17.359E-9
9	22.BLR.1	-57.60294	32.32824	106.80000	-0.16479	106.78	-228.07E-12	-887.17E-6	17.743E-9
9	22.BLR.1	-57.13176	32.33294	106.80000	-0.17021	106.78	-238.07E-12	-906.93E-6	18.139E-9
9	22.BLR.1	-56.66059	32.33765	106.80000	-0.17577	106.78	-247.50E-12	-927.24E-6	18.545E-9
9	22.BLR.1	-56.18941	32.34235	106.80000	-0.18148	106.78	-257.37E-12	-948.13E-6	18.963E-9
9	22.BLR.1	-55.71824	32.34706	106.80000	-0.18734	106.78	-267.70E-12	-969.62E-6	19.392E-9
9	22.BLR.1	-55.24706	32.35176	106.80000	-0.19336	106.78	-278.52E-12	-991.73E-6	19.835E-9
9	22.BLR.1	-54.77588	32.35647	106.80000	-0.19953	106.78	-289.85E-12	-1014.01E-6	20.289E-9
9	22.BLR.1	-54.30471	32.36118	106.80000	-0.20586	106.78	-301.72E-12	-1037.03E-6	20.757E-9
9	22.BLR.1	-53.83353	32.36588	106.80000	-0.21236	106.78	-314.17E-12	-1061.02E-6	21.239E-9
9	22.BLR.1	-53.36235	32.37059	106.80000	-0.21903	106.78	-327.21E-12	-1086.07E-6	21.735E-9
9	22.BLR.1	-52.89118	32.37529	106.80000	-0.22587	106.78	-340.90E-12	-1112.24E-6	22.245E-9
9	22.BLR.1	-52.42000	32.38000	106.80000	-0.23289	106.78	-355.25E-12	-1139.85E-6	22.771E-9
10	22.BLR.2	-52.42000	32.38000	106.80000	-0.23289	106.78	-355.25E-12	-1139.85E-6	22.771E-9
10	22.BLR.2	-52.41897	31.88077	106.80000	-0.23810	106.78	-364.84E-12	-1161.56E-6	23.121E-9
10	22.BLR.2	-52.41795	31.38154	106.80000	-0.24337	106.78	-374.62E-12	-1184.73E-6	23.474E-9
10	22.BLR.2	-52.41692	30.88231	106.80000	-0.24869	106.78	-384.57E-12	-1208.49E-6	23.830E-9
10	22.BLR.2	-52.41590	30.38308	106.80000	-0.25405	106.78	-394.69E-12	-1232.80E-6	24.187E-9
10	22.BLR.2	-52.41487	29.88385	106.80000	-0.25946	106.78	-404.97E-12	-1257.65E-6	24.547E-9
10	22.BLR.2	-52.41385	29.38462	106.80000	-0.26491	106.78	-415.41E-12	-1283.04E-6	24.908E-9
10	22.BLR.2	-52.41282	28.88538	106.80000	-0.27040	106.78	-425.99E-12	-1308.97E-6	25.271E-9
10	22.BLR.2	-52.41179	28.38615	106.80000	-0.27592	106.78	-436.73E-12	-1335.42E-6	25.635E-9
10	22.BLR.2	-52.41077	27.88692	106.80000	-0.28148	106.78	-447.60E-12	-1362.40E-6	26.000E-9
10	22.BLR.2	-52.40974	27.38769	106.80000	-0.28707	106.78	-458.59E-12	-1389.91E-6	26.365E-9
10	22.BLR.2	-52.40872	26.88846	106.80000	-0.29269	106.78	-469.70E-12	-1417.93E-6	26.731E-9
10	22.BLR.2	-52.40769	26.38923	106.80000	-0.29833	106.78	-480.93E-12	-1446.46E-6	27.098E-9
10	22.BLR.2	-52.40667	25.89000	106.80000	-0.30403	106.78	-492.24E-12	-1475.50E-6	27.468E-9
10	22.BLR.2	-52.40564	25.39077	106.80000	-0.30968	106.78	-503.65E-12	-1505.05E-6	27.829E-9
10	22.BLR.2	-52.40462	24.89154	106.80000	-0.31538	106.78	-515.12E-12	-1535.12E-6	28.194E-9
10	22.BLR.2	-52.40359	24.39231	106.80000	-0.32109	106.78			



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
	[m]	[m]	[mOD]	[mm]					
12	22.BLR.4	-54.27000	9.35000	106.80000	-0.41336	106.78	-649.40E-12	-0.0016292	32.584E-9
13	22.BLR.5	-54.27000	9.35000	106.80000	-0.41336	106.78	-649.40E-12	-0.0016292	32.584E-9
13	22.BLR.5	-54.71286	9.35143	106.80000	-0.39988	106.78	-617.16E-12	-0.0015829	31.657E-9
13	22.BLR.5	-55.15571	9.35286	106.80000	-0.38684	106.78	-586.87E-12	-0.0015383	30.766E-9
13	22.BLR.5	-55.59857	9.35429	106.80000	-0.37422	106.78	-558.39E-12	-0.0014954	29.909E-9
13	22.BLR.5	-56.04143	9.35571	106.80000	-0.36201	106.78	-531.57E-12	-0.0014542	29.084E-9
13	22.BLR.5	-56.48429	9.35714	106.80000	-0.35019	106.78	-506.32E-12	-0.0014145	28.289E-9
13	22.BLR.5	-56.92714	9.35857	106.80000	-0.33875	106.78	-482.51E-12	-0.0013762	27.524E-9
13	22.BLR.5	-57.37000	9.36000	106.80000	-0.32767	106.78	-460.06E-12	-0.0013393	26.786E-9
14	22.BLR.6	-57.37000	9.36000	106.80000	-0.32767	106.78	-460.06E-12	-0.0013393	26.786E-9
14	22.BLR.6	-57.77250	8.91250	106.80000	-0.32977	106.78	-461.80E-12	-0.0013427	26.854E-9
14	22.BLR.6	-57.37500	8.46500	106.80000	-0.33180	106.78	-463.37E-12	-0.0013458	26.916E-9
14	22.BLR.6	-57.37750	8.01750	106.80000	-0.33376	106.78	-464.74E-12	-0.0013486	26.972E-9
14	22.BLR.6	-57.38000	7.57000	106.80000	-0.33564	106.78	-465.94E-12	-0.0013511	27.022E-9
15	22.BLR.7	-57.38000	7.57000	106.80000	-0.33564	106.78	-465.94E-12	-0.0013511	27.022E-9
15	22.BLR.7	-57.78250	7.17250	106.80000	-0.33742	106.78	-442.65E-12	-0.0013121	26.242E-9
15	22.BLR.7	-58.34000	7.57857	106.80000	-0.31215	106.78	-420.78E-12	-0.0012746	25.492E-9
15	22.BLR.7	-58.82000	7.58286	106.80000	-0.30101	106.78	-400.21E-12	-0.0012386	24.772E-9
15	22.BLR.7	-59.30000	7.58714	106.80000	-0.29026	106.78	-380.86E-12	-0.0012039	24.078E-9
15	22.BLR.7	-59.78000	7.59143	106.80000	-0.27987	106.78	-362.63E-12	-0.0011706	23.411E-9
15	22.BLR.7	-60.26000	7.59571	106.80000	-0.26983	106.78	-345.46E-12	-0.0011384	22.769E-9
15	22.BLR.7	-60.74000	7.60000	106.80000	-0.26014	106.78	-329.28E-12	-0.0011075	22.150E-9
15	22.BLR.7	-61.22000	7.60429	106.80000	-0.25078	106.78	-314.01E-12	-0.0010777	21.554E-9
15	22.BLR.7	-61.70000	7.60857	106.80000	-0.24173	106.78	-299.59E-12	-0.0010490	20.979E-9
15	22.BLR.7	-62.18000	7.61286	106.80000	-0.23299	106.78	-285.98E-12	-0.0010213	20.425E-9
15	22.BLR.7	-62.66000	7.61714	106.80000	-0.22454	106.78	-271.16E-12	-0.0010054	19.819E-9
15	22.BLR.7	-63.14000	7.62143	106.80000	-0.21638	106.78	-260.94E-12	-0.0009876	19.375E-9
15	22.BLR.7	-63.62000	7.62571	106.80000	-0.20849	106.78	-249.42E-12	-0.0009436	18.878E-9
15	22.BLR.7	-64.10000	7.63000	106.80000	-0.20086	106.78	-238.52E-12	-0.0009187	18.397E-9
15	22.BLR.7	-64.58000	7.63429	106.80000	-0.19349	106.78	-228.19E-12	-0.0008966	17.933E-9
15	22.BLR.7	-65.06000	7.63857	106.80000	-0.18637	106.78	-218.40E-12	-0.0008764	17.485E-9
15	22.BLR.7	-65.54000	7.64286	106.80000	-0.17947	106.78	-209.12E-12	-0.0008576	17.051E-9
15	22.BLR.7	-66.02000	7.64714	106.80000	-0.17281	106.78	-200.32E-12	-0.0008382	16.632E-9
15	22.BLR.7	-66.50000	7.65143	106.80000	-0.16637	106.78	-191.96E-12	-0.0008196	16.227E-9
15	22.BLR.7	-66.98000	7.65571	106.80000	-0.16014	106.78	-184.03E-12	-0.0008016	15.835E-9
16	22.BLR.8	-67.46000	7.66000	106.80000	-0.15411	106.78	-174.48E-12	-0.0007843	15.469E-9
16	22.BLR.8	-67.46000	7.66000	106.80000	-0.15411	106.78	-176.48E-12	-0.0007806	15.456E-9
16	22.BLR.8	-67.45814	8.15674	106.80000	-0.15321	106.78	-176.07E-12	-0.0007715	15.431E-9
16	22.BLR.8	-67.45628	8.65349	106.80000	-0.15226	106.78	-175.59E-12	-0.0007615	15.403E-9
16	22.BLR.8	-67.45442	9.15023	106.80000	-0.15128	106.78	-175.06E-12	-0.0007516	15.372E-9
16	22.BLR.8	-67.45256	9.64698	106.80000	-0.15025	106.78	-174.47E-12	-0.0007412	15.338E-9
16	22.BLR.8	-67.45070	10.14372	106.80000	-0.14919	106.78	-173.82E-12	-0.0007305	15.302E-9
16	22.BLR.8	-67.44884	10.64047	106.80000	-0.14809	106.78	-173.12E-12	-0.0007196	15.262E-9
16	22.BLR.8	-67.44698	11.13721	106.80000	-0.14696	106.78	-172.37E-12	-0.0007086	15.220E-9
16	22.BLR.8	-67.44512	11.63395	106.80000	-0.14579	106.78	-171.55E-12	-0.0006973	15.175E-9
16	22.BLR.8	-67.44326	12.13070	106.80000	-0.14459	106.78	-170.69E-12	-0.0006859	15.127E-9
16	22.BLR.8	-67.44140	12.62744	106.80000	-0.14335	106.78	-169.78E-12	-0.0006743	15.076E-9
16	22.BLR.8	-67.43953	13.12419	106.80000	-0.14209	106.78	-168.81E-12	-0.0006626	15.023E-9
16	22.BLR.8	-67.43767	13.62093	106.80000	-0.14079	106.78	-167.80E-12	-0.0006508	14.967E-9
16	22.BLR.8	-67.43581	14.11767	106.80000	-0.13946	106.78	-166.73E-12	-0.0006389	14.908E-9
16	22.BLR.8	-67.43395	14.61442	106.80000	-0.13810	106.78	-165.53E-12	-0.0006269	14.847E-9
16	22.BLR.8	-67.43209	15.11116	106.80000	-0.13671	106.78	-164.47E-12	-0.0006148	14.784E-9
16	22.BLR.8	-67.43023	15.60791	106.80000	-0.13530	106.78	-163.27E-12	-0.0006026	14.718E-9
16	22.BLR.8	-67.42837	16.10465	106.80000	-0.13386	106.78	-162.03E-12	-0.0005903	14.650E-9
16	22.BLR.8	-67.42651	16.60140	106.80000	-0.13240	106.78	-160.74E-12	-0.0005780	14.579E-9
16	22.BLR.8	-67.42465	17.09814	106.80000	-0.13091	106.78	-159.42E-12	-0.0005656	14.506E-9
16	22.BLR.8	-67.42279	17.59488	106.80000	-0.12940	106.78	-158.06E-12	-0.0005531	14.431E-9
16	22.BLR.8	-67.42093	18.09163	106.80000	-0.12786	106.78	-156.66E-12	-0.0005406	14.354E-9
16	22.BLR.8	-67.41907	18.58837	106.80000	-0.12631	106.78	-155.23E-12	-0.0005280	14.275E-9
16	22.BLR.8	-67.41721	19.08512	106.80000	-0.12474	106.78	-153.76E-12	-0.0005154	14.194E-9
16	22.BLR.8	-67.41535	19.58186	106.80000	-0.12315	106.78	-152.26E-12	-0.0005028	14.111E-9
16	22.BLR.8	-67.41349	20.07860	106.80000	-0.12154	106.78	-150.74E-12	-0.0004901	14.026E-9
16	22.BLR.8	-67.41163	20.57535	106.80000	-0.11991	106.78	-149.18E-12	-0.0004774	13.939E-9
16	22.BLR.8	-67.40977	21.07209	106.80000	-0.11827	106.78	-147.60E-12	-0.0004646	13.851E-9
16	22.BLR.8	-67.40791	21.56884	106.80000	-0.11662	106.78	-145.99E-12	-0.0004518	13.760E-9
16	22.BLR.8	-67.40605	22.06558	106.80000	-0.11493	106.78	-144.35E-12	-0.0004389	13.669E-9
16	22.BLR.8	-67.40419	22.56233	106.80000	-0.11327	106.78	-142.71E-12	-0.0004260	13.575E-9
16	22.BLR.8	-67.40233	23.05907	106.80000	-0.11158	106.78	-141.04E-12	-0.0004131	13.481E-9
16	22.BLR.8	-67.40047	23.55581	106.80000	-0.10988	106.78	-139.35E-12	-0.0004002	13.385E-9
16	22.BLR.8	-67.39860	24.05256	106.80000	-0.10817	106.78	-137.65E-12	-0.0003873	13.287E-9
16	22.BLR.8	-67.39674	24.54930	106.80000	-0.10645	106.78	-135.93E-12	-0.0003744	13.189E-9
16	22.BLR.8	-67.39488	25.04605	106.80000	-0.10472	106.78	-134.20E-12	-0.0003615	13.089E-9
16	22.BLR.8	-67.39302	25.54279	106.80000	-0.10299	106.78	-132.45E-12	-0.0003486	12.988E-9
16	22.BLR.8	-67.39116	26.03953	106.80000	-0.10126	106.78	-130.70E-12	-0.0003357	12.886E-9
16	22.BLR.8	-67.38930	26.53628	106.80000	-0.09952	106.78	-128.93E-12	-0.0003228	12.783E-9
16	22.BLR.8	-67.38744	27.03302	106.80000	-0.09777	106.78	-127.16E-12	-0.0003099	12.679E-9
16	22.BLR.8	-67.38558	27.52977	106.80000	-0.09603	106.78	-125.39E-12	-0.0002970	12.574E-9
16	22.BLR.8	-67.38372	28.02651	106.80000	-0.09428	106.78	-123.61E-12	-0.0002841	12.469E-9
16	22.BLR.8	-67.38186	28.52326	106.80000	-0.09253	106.78	-121.83E-12	-0.0002712	12.362E-9
16	22.BLR.8	-67.38000	29.02000	106.80000	-0.09079	106.78	-120.05E-12	-0.0002583	12.256E-9
17	22.BLR.9	-67.38000	29.02000	106.80000	-0.09079	106.78	-120.05E-12	-0.0002583	12.256E-9
17	22.BLR.9	-66.88571	29.01429	106.80000	-0.09451	106.78	-124.61E-12	-0.0002614	12.523E-9
17	22.BLR.9	-66.39143	29.00857	106.80000	-0.09834	106.78	-129.38E-12	-0.0002645	12.798E-9
17	22.BLR.9	-65.89714	29.00286	106.80000	-0.10229	106.78	-134.38E-12	-0.0002676	13.080E-9
17	22.BLR.9	-65.40286	28.99714	106.80000	-0.10636	106.78	-139.60E-12	-0.0002707	13.371E-9
17	22.BLR.9	-64.90857	28.99143	106.80000	-0.11051	106.78	-145.54E-12	-0.0002738	13.671E-9
17	22.BLR.9	-64.41429	28.98571	106.80000	-0.11487	106.78	-150.80E-12	-0.0002769	13.979E-9
17	22.BLR.9	-63.92000	28.98000	106.80000	-0.11932	106.78	-156.80E-12	-0.0002800	14.296E-9
17	22.BLR.9	-63.42571	28.97429	106.80000	-0.12390	106.78	-163.09E-12	-0.0002831	14.623E-9
17	22.BLR.9	-62.93143	28.96857	106.80000	-0.12863	106.78	-169.67E-12	-0.0002862	14.960E-9
17	22.BLR.9	-62.43714	28.96286	106.80000	-0.13350	106.78	-176.58E-12	-0.0002893	15.307E-9
17	22.BLR.9	-61.94286	28.95714	106.80000	-0.13851	106.78	-183.83E-12	-0.0002924	15.664E-9
17	22.BLR.9	-61.44857	28.95143	106.80000	-0.14368	106.78	-191.43E-12	-0.0002955	16.033E-9
17	22.BLR.9	-60.95429	28.94571	106.80000	-0.14900	106.78	-199.41E-12	-0.000	



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
20	22a.BLR.2	-53.81500	0.97167	106.80000	-0.46541	106.78	-689.27E-12	-0.0016993	33.986E-9
20	22a.BLR.2	-53.86250	0.51083	106.80000	-0.46460	106.78	-682.53E-12	-0.0016906	33.811E-9
20	22a.BLR.2	-53.91000	0.05000	106.80000	-0.46365	106.78	-675.56E-12	-0.0016814	33.628E-9
21	22a.BLR.3	-53.91000	0.05000	106.80000	-0.46365	106.78	-675.56E-12	-0.0016814	33.628E-9
21	22a.BLR.3	-53.43667	-0.01833	106.80000	-0.48079	106.78	-713.17E-12	-0.0017343	34.686E-9
21	22a.BLR.3	-52.96333	0.08667	106.80000	-0.49057	106.78	-753.35E-12	-0.0017994	35.788E-9
21	22a.BLR.3	-52.49000	-0.15500	106.80000	-0.51703	106.78	-796.30E-12	-0.0018469	36.937E-9
21	22a.BLR.3	-52.01667	-0.22333	106.80000	-0.53619	106.78	-842.25E-12	-0.0019068	38.137E-9
21	22a.BLR.3	-51.54333	-0.29167	106.80000	-0.55609	106.78	-891.45E-12	-0.0019695	39.389E-9
21	22a.BLR.3	-51.07000	-0.36000	106.80000	-0.57675	106.78	-944.17E-12	-0.0020349	40.697E-9
22	22a.BLR.4	-51.07000	-0.36000	106.80000	-0.57675	106.78	-944.17E-12	-0.0020349	40.697E-9
22	22a.BLR.4	-51.10818	-0.82455	106.80000	-0.57570	106.78	-933.47E-12	-0.0020227	40.455E-9
22	22a.BLR.4	-51.14636	-1.28909	106.80000	-0.57448	106.78	-922.45E-12	-0.0020101	40.203E-9
22	22a.BLR.4	-51.18455	-1.75364	106.80000	-0.57308	106.78	-911.11E-12	-0.0019971	39.941E-9
22	22a.BLR.4	-51.22273	-2.21818	106.80000	-0.57151	106.78	-899.49E-12	-0.0019835	39.670E-9
22	22a.BLR.4	-51.26091	-2.69273	106.80000	-0.56977	106.78	-887.61E-12	-0.0019695	39.390E-9
22	22a.BLR.4	-51.29909	-3.11477	106.80000	-0.56786	106.78	-875.49E-12	-0.0019551	39.102E-9
22	22a.BLR.4	-51.33727	-3.61182	106.80000	-0.56578	106.78	-863.15E-12	-0.0019403	38.805E-9
22	22a.BLR.4	-51.37545	-4.07636	106.80000	-0.56354	106.78	-850.61E-12	-0.0019250	38.501E-9
22	22a.BLR.4	-51.41364	-4.54091	106.80000	-0.56114	106.78	-837.90E-12	-0.0019095	38.189E-9
22	22a.BLR.4	-51.45182	-5.00545	106.80000	-0.55857	106.78	-825.04E-12	-0.0018936	37.870E-9
22	22a.BLR.4	-51.49000	-5.47000	106.80000	-0.55584	106.78	-812.04E-12	-0.0018773	37.546E-9
23	22a.BLR.5	-51.49000	-5.47000	106.80000	-0.55584	106.78	-812.04E-12	-0.0018773	37.546E-9
23	22a.BLR.5	-51.97364	-5.42545	106.80000	-0.53574	106.78	-768.30E-12	-0.0018188	36.376E-9
23	22a.BLR.5	-52.45727	-5.38091	106.80000	-0.51638	106.78	-727.35E-12	-0.0017627	35.254E-9
23	22a.BLR.5	-52.94091	-5.33636	106.80000	-0.49774	106.78	-689.01E-12	-0.0017014	34.177E-9
23	22a.BLR.5	-53.42455	-5.29182	106.80000	-0.47979	106.78	-653.08E-12	-0.0016572	33.144E-9
23	22a.BLR.5	-53.90818	-5.24727	106.80000	-0.46250	106.78	-619.37E-12	-0.0016076	32.151E-9
23	22a.BLR.5	-54.39182	-5.20273	106.80000	-0.44585	106.78	-587.73E-12	-0.0015599	31.198E-9
23	22a.BLR.5	-54.87545	-5.15818	106.80000	-0.42980	106.78	-558.02E-12	-0.0015141	30.281E-9
23	22a.BLR.5	-55.35909	-5.11364	106.80000	-0.41433	106.78	-530.10E-12	-0.0014700	29.400E-9
23	22a.BLR.5	-55.84273	-5.06909	106.80000	-0.39942	106.78	-503.84E-12	-0.0014277	28.553E-9
23	22a.BLR.5	-56.32636	-5.02455	106.80000	-0.38505	106.78	-479.12E-12	-0.0013869	27.738E-9
23	22a.BLR.5	-56.81000	-4.98000	106.80000	-0.37119	106.78	-455.86E-12	-0.0013477	26.953E-9
23	22a.BLR.5	-57.29364	-4.93545	106.80000	-0.35782	106.78	-433.93E-12	-0.0013099	26.198E-9
23	22a.BLR.5	-57.77727	-4.89091	106.80000	-0.34491	106.78	-412.26E-12	-0.0012735	25.470E-9
23	22a.BLR.5	-58.26091	-4.84636	106.80000	-0.33250	106.78	-393.77E-12	-0.0012385	24.769E-9
23	22a.BLR.5	-58.74455	-4.80182	106.80000	-0.32050	106.78	-375.37E-12	-0.0012047	24.093E-9
23	22a.BLR.5	-59.22818	-4.75727	106.80000	-0.30893	106.78	-357.99E-12	-0.0011721	23.442E-9
23	22a.BLR.5	-59.71182	-4.71273	106.80000	-0.29776	106.78	-341.57E-12	-0.0011407	22.814E-9
23	22a.BLR.5	-60.19545	-4.66818	106.80000	-0.28697	106.78	-326.05E-12	-0.0011094	22.208E-9
23	22a.BLR.5	-60.67909	-4.62364	106.80000	-0.27657	106.78	-311.37E-12	-0.0010811	21.623E-9
23	22a.BLR.5	-61.16273	-4.57909	106.80000	-0.26652	106.78	-297.48E-12	-0.0010529	21.058E-9
23	22a.BLR.5	-61.64636	-4.53455	106.80000	-0.25682	106.78	-284.32E-12	-0.0010256	20.513E-9
23	22a.BLR.5	-62.13000	-4.49000	106.80000	-0.24746	106.78	-271.86E-12	-999.31E-6	19.986E-9
24	22a.BLR.6	-62.13000	-4.49000	106.80000	-0.24746	106.78	-271.86E-12	-999.31E-6	19.986E-9
24	22a.BLR.6	-62.08818	-3.99455	106.80000	-0.24857	106.78	-274.79E-12	-0.0010052	20.105E-9
24	22a.BLR.6	-62.04636	-3.49909	106.80000	-0.24961	106.78	-277.65E-12	-0.0010110	20.220E-9
24	22a.BLR.6	-62.00455	-3.00364	106.80000	-0.25058	106.78	-280.45E-12	-0.0010166	20.332E-9
24	22a.BLR.6	-61.96273	-2.50818	106.80000	-0.25147	106.78	-283.18E-12	-0.0010220	20.440E-9
24	22a.BLR.6	-61.92091	-2.01273	106.80000	-0.25229	106.78	-285.83E-12	-0.0010279	20.548E-9
24	22a.BLR.6	-61.87909	-1.51727	106.80000	-0.25304	106.78	-288.41E-12	-0.0010323	20.646E-9
24	22a.BLR.6	-61.83727	-1.02182	106.80000	-0.25371	106.78	-290.90E-12	-0.0010371	20.742E-9
24	22a.BLR.6	-61.79545	-0.52636	106.80000	-0.25430	106.78	-293.31E-12	-0.0010417	20.835E-9
24	22a.BLR.6	-61.75364	-0.03091	106.80000	-0.25482	106.78	-295.62E-12	-0.0010462	20.923E-9
24	22a.BLR.6	-61.71182	0.46455	106.80000	-0.25526	106.78	-297.85E-12	-0.0010504	21.007E-9
24	22a.BLR.6	-61.67000	0.96000	106.80000	-0.25563	106.78	-299.97E-12	-0.0010544	21.087E-9
24	22a.BLR.6	-61.62818	1.45545	106.80000	-0.25591	106.78	-301.99E-12	-0.0010581	21.162E-9
24	22a.BLR.6	-61.58636	1.95091	106.80000	-0.25612	106.78	-303.91E-12	-0.0010616	21.233E-9
24	22a.BLR.6	-61.54455	2.44636	106.80000	-0.25625	106.78	-305.72E-12	-0.0010649	21.299E-9
24	22a.BLR.6	-61.50273	2.94091	106.80000	-0.25629	106.78	-307.42E-12	-0.0010684	21.360E-9
24	22a.BLR.6	-61.46091	3.43727	106.80000	-0.25627	106.78	-309.01E-12	-0.0010708	21.416E-9
24	22a.BLR.6	-61.41909	3.93273	106.80000	-0.25616	106.78	-310.48E-12	-0.0010734	21.468E-9
24	22a.BLR.6	-61.37727	4.42818	106.80000	-0.25597	106.78	-311.82E-12	-0.0010757	21.514E-9
24	22a.BLR.6	-61.33545	4.92364	106.80000	-0.25570	106.78	-313.05E-12	-0.0010778	21.556E-9
24	22a.BLR.6	-61.29364	5.41909	106.80000	-0.25536	106.78	-314.15E-12	-0.0010796	21.592E-9
24	22a.BLR.6	-61.25182	5.91455	106.80000	-0.25494	106.78	-315.12E-12	-0.0010812	21.623E-9
24	22a.BLR.6	-61.21000	6.41000	106.80000	-0.25443	106.78	-315.96E-12	-0.0010824	21.649E-9
25	24.BLR.1	-52.15000	-8.92000	106.80000	-0.51590	106.78	-683.96E-12	-0.0017069	34.138E-9
25	24.BLR.1	-52.59643	-8.76643	106.80000	-0.49937	106.78	-654.04E-12	-0.0016634	33.269E-9
25	24.BLR.1	-53.04286	-8.61286	106.80000	-0.48325	106.78	-625.61E-12	-0.0016213	32.426E-9
25	24.BLR.1	-53.48929	-8.45929	106.80000	-0.46785	106.78	-598.57E-12	-0.0015805	31.609E-9
25	24.BLR.1	-53.93571	-8.30571	106.80000	-0.45282	106.78	-572.85E-12	-0.0015409	30.817E-9
25	24.BLR.1	-54.38214	-8.15214	106.80000	-0.43827	106.78	-548.38E-12	-0.0015025	30.050E-9
25	24.BLR.1	-54.82857	-7.99857	106.80000	-0.42418	106.78	-525.10E-12	-0.0014653	29.305E-9
25	24.BLR.1	-55.27500	-7.84500	106.80000	-0.41052	106.78	-502.94E-12	-0.0014292	28.583E-9
25	24.BLR.1	-55.72143	-7.69143	106.80000	-0.39729	106.78	-481.84E-12	-0.0013941	27.883E-9
25	24.BLR.1	-56.16786	-7.53786	106.80000	-0.38447	106.78	-461.75E-12	-0.0013602	27.203E-9
25	24.BLR.1	-56.61429	-7.38429	106.80000	-0.37205	106.78	-442.61E-12	-0.0013272	26.544E-9
25	24.BLR.1	-57.06071	-7.23071	106.80000	-0.36000	106.78	-424.37E-12	-0.0012952	25.905E-9
25	24.BLR.1	-57.50714	-7.07714	106.80000	-0.34833	106.78	-406.99E-12	-0.0012642	25.284E-9
25	24.BLR.1	-57.95357	-6.92357	106.80000	-0.33702	106.78	-390.42E-12	-0.0012341	24.681E-9
25	24.BLR.1	-58.40000	-6.77000	106.80000	-0.32606	106.78	-374.62E-12	-0.0012048	24.097E-9
26	24.BLR.2	-55.69000	-19.65000	106.80000	-0.33141	106.78	-327.40E-12	-0.0011213	22.425E-9
26	24.BLR.2	-55.53609	-19.18348	106.80000	-0.33881	106.78	-338.10E-12	-0.0011423	22.846E-9
26	24.BLR.2	-55.38217	-18.71696	106.80000	-0.34628	106.78	-349.16E-12	-0.0011634	23.247E-9
26	24.BLR.2	-55.22826	-18.25043	106.80000	-0.35384	106.78	-360.58E-12	-0.0011855	23.710E-9
26	24.BLR.2	-55.07435	-17.78391	106.80000	-0.36147	106.78	-372.39E-12	-0.0012077	24.154E-9
26	24.BLR.2	-54.92043	-17.31739	106.80000	-0.36917	106.78	-384.58E-12	-0.0012303	24.606E-9
26	24.BLR.2	-54.76652	-16.85087	106.80000	-0.37694	106.78	-397.18E-12	-0.0012533	25.066E-9
26	24.BLR.2	-54.61261	-16.38435	106.80000	-0.38478	106.78	-409.19E-12	-0.0012767	25.534E-9
26	24.BLR.2	-54.45870	-15.91783	106.80000	-0.39268	106.78	-423.63E-12	-0.0013005	26.011E-9
26	24.BLR.2	-54.30478	-15.45130	106.80000	-0.40064	106.78	-437.50E-12	-0.0013248	26.495E-9
26	24.BLR.2	-54.15087	-14.98478	106.80000	-0				



Highgate Junior School Sports Hall Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
30	24.BLR.6	-56.94000	-26.20000	106.80000	-0.25312	106.78	-224.77E-12	-901.27E-6	18.025E-9
30	24.BLR.6	-56.72000	-25.83500	106.80000	-0.26005	106.78	-232.34E-12	-918.87E-6	18.377E-9
30	24.BLR.6	-56.55000	-25.47000	106.80000	-0.26715	106.78	-240.21E-12	-936.90E-6	18.738E-9
31	24.BLR.7	-56.55000	-28.53000	106.80000	-0.24111	106.78	-209.13E-12	-864.03E-6	17.281E-9
31	24.BLR.7	-56.86750	-28.31250	106.80000	-0.23753	106.78	-206.12E-12	-856.75E-6	17.135E-9
31	24.BLR.7	-57.18554	-28.09500	106.80000	-0.23397	106.78	-203.13E-12	-849.48E-6	16.989E-9
31	24.BLR.7	-57.50250	-27.87750	106.80000	-0.23042	106.78	-200.16E-12	-842.20E-6	16.844E-9
31	24.BLR.7	-57.82000	-27.66000	106.80000	-0.22690	106.78	-197.21E-12	-834.93E-6	16.699E-9
32	24.BLR.8	-63.49000	-39.35000	106.80000	-0.09564	106.78	-82.004E-12	-498.45E-6	9.9689E-9
32	24.BLR.8	-63.22308	-38.93385	106.80000	-0.09942	106.78	-84.787E-12	-508.35E-6	10.167E-9
32	24.BLR.8	-62.95615	-38.51769	106.80000	-0.10333	106.78	-87.679E-12	-518.51E-6	10.370E-9
32	24.BLR.8	-62.68923	-38.10154	106.80000	-0.10734	106.78	-90.688E-12	-528.92E-6	10.578E-9
32	24.BLR.8	-62.42231	-37.68538	106.80000	-0.11148	106.78	-93.820E-12	-539.61E-6	10.792E-9
32	24.BLR.8	-62.15538	-37.26923	106.80000	-0.11575	106.78	-97.084E-12	-550.58E-6	11.012E-9
32	24.BLR.8	-61.88846	-36.85308	106.80000	-0.12014	106.78	-100.47E-12	-561.83E-6	11.237E-9
32	24.BLR.8	-61.62154	-36.43692	106.80000	-0.12466	106.78	-104.01E-12	-573.39E-6	11.468E-9
32	24.BLR.8	-61.35462	-36.02077	106.80000	-0.12932	106.78	-107.68E-12	-585.24E-6	11.705E-9
32	24.BLR.8	-61.08769	-35.60462	106.80000	-0.13412	106.78	-111.52E-12	-597.41E-6	11.948E-9
32	24.BLR.8	-60.82077	-35.18846	106.80000	-0.13906	106.78	-115.51E-12	-609.91E-6	12.198E-9
32	24.BLR.8	-60.55385	-34.77231	106.80000	-0.14414	106.78	-119.67E-12	-622.74E-6	12.455E-9
32	24.BLR.8	-60.28692	-34.35615	106.80000	-0.14938	106.78	-124.01E-12	-635.92E-6	12.718E-9
32	24.BLR.8	-60.02000	-33.94000	106.80000	-0.15477	106.78	-128.54E-12	-649.46E-6	12.989E-9
32	24.BLR.8	-59.75308	-33.52385	106.80000	-0.16032	106.78	-133.26E-12	-663.37E-6	13.267E-9
32	24.BLR.8	-59.48615	-33.10769	106.80000	-0.16604	106.78	-138.18E-12	-677.66E-6	13.553E-9
32	24.BLR.8	-59.21923	-32.69154	106.80000	-0.17193	106.78	-143.32E-12	-692.35E-6	13.847E-9
32	24.BLR.8	-58.95231	-32.27538	106.80000	-0.17798	106.78	-148.68E-12	-707.44E-6	14.147E-9
32	24.BLR.8	-58.68538	-31.85923	106.80000	-0.18422	106.78	-154.27E-12	-722.95E-6	14.459E-9
32	24.BLR.8	-58.41846	-31.44308	106.80000	-0.19064	106.78	-160.12E-12	-738.90E-6	14.778E-9
32	24.BLR.8	-58.15154	-31.02692	106.80000	-0.19724	106.78	-166.22E-12	-755.30E-6	15.106E-9
32	24.BLR.8	-57.88462	-30.61077	106.80000	-0.20404	106.78	-172.60E-12	-772.16E-6	15.443E-9
32	24.BLR.8	-57.61769	-30.19462	106.80000	-0.21104	106.78	-179.27E-12	-789.38E-6	15.790E-9
32	24.BLR.8	-57.35077	-29.77846	106.80000	-0.21824	106.78	-186.24E-12	-807.35E-6	16.147E-9
32	24.BLR.8	-57.08385	-29.36231	106.80000	-0.22565	106.78	-193.53E-12	-825.71E-6	16.514E-9
32	24.BLR.8	-56.81692	-28.94615	106.80000	-0.23327	106.78	-201.16E-12	-844.60E-6	16.892E-9
32	24.BLR.8	-56.55000	-28.53000	106.80000	-0.24111	106.78	-209.13E-12	-864.03E-6	17.281E-9
33	24.BLR.9	-74.31846	-27.49000	106.80000	-0.05176	106.78	-54.402E-12	-391.58E-6	7.817E-9
33	24.BLR.9	-73.96115	-32.75385	106.80000	-0.05327	106.78	-55.342E-12	-395.57E-6	7.9113E-9
33	24.BLR.9	-73.54231	-33.01769	106.80000	-0.05479	106.78	-56.292E-12	-399.57E-6	7.9913E-9
33	24.BLR.9	-73.12346	-33.28154	106.80000	-0.05633	106.78	-57.256E-12	-403.58E-6	8.0717E-9
33	24.BLR.9	-72.70462	-33.54538	106.80000	-0.05789	106.78	-58.230E-12	-407.62E-6	8.1524E-9
33	24.BLR.9	-72.28577	-33.80923	106.80000	-0.05947	106.78	-59.215E-12	-411.67E-6	8.2334E-9
33	24.BLR.9	-71.86692	-34.07308	106.80000	-0.06106	106.78	-60.207E-12	-415.74E-6	8.3147E-9
33	24.BLR.9	-71.44808	-34.33692	106.80000	-0.06267	106.78	-61.214E-12	-419.82E-6	8.3963E-9
33	24.BLR.9	-71.02923	-34.60077	106.80000	-0.06430	106.78	-62.231E-12	-423.91E-6	8.4782E-9
33	24.BLR.9	-70.61038	-34.86462	106.80000	-0.06594	106.78	-63.256E-12	-428.02E-6	8.5603E-9
33	24.BLR.9	-70.19154	-35.12846	106.80000	-0.06759	106.78	-64.292E-12	-432.13E-6	8.6426E-9
33	24.BLR.9	-69.77269	-35.39231	106.80000	-0.06926	106.78	-65.338E-12	-436.26E-6	8.7252E-9
33	24.BLR.9	-69.35385	-35.65615	106.80000	-0.07094	106.78	-66.395E-12	-440.39E-6	8.8079E-9
33	24.BLR.9	-68.93500	-35.92000	106.80000	-0.07264	106.78	-67.462E-12	-444.54E-6	8.8907E-9
33	24.BLR.9	-68.51615	-36.18385	106.80000	-0.07435	106.78	-68.534E-12	-448.68E-6	8.9737E-9
33	24.BLR.9	-68.09731	-36.44769	106.80000	-0.07607	106.78	-69.610E-12	-452.84E-6	9.0568E-9
33	24.BLR.9	-67.67846	-36.71154	106.80000	-0.07780	106.78	-70.711E-12	-457.00E-6	9.1399E-9
33	24.BLR.9	-67.25962	-36.97538	106.80000	-0.07955	106.78	-71.809E-12	-461.15E-6	9.2231E-9
33	24.BLR.9	-66.84077	-37.23923	106.80000	-0.08130	106.78	-72.916E-12	-465.31E-6	9.3063E-9
33	24.BLR.9	-66.42192	-37.50308	106.80000	-0.08307	106.78	-74.029E-12	-469.47E-6	9.3895E-9
33	24.BLR.9	-66.00308	-37.76692	106.80000	-0.08483	106.78	-75.145E-12	-473.63E-6	9.4726E-9
33	24.BLR.9	-65.58423	-38.03077	106.80000	-0.08662	106.78	-76.278E-12	-477.79E-6	9.5557E-9
33	24.BLR.9	-65.16538	-38.29462	106.80000	-0.08841	106.78	-77.415E-12	-481.93E-6	9.6387E-9
33	24.BLR.9	-64.74654	-38.55846	106.80000	-0.09021	106.78	-78.556E-12	-486.08E-6	9.7215E-9
33	24.BLR.9	-64.32769	-38.82231	106.80000	-0.09201	106.78	-79.700E-12	-490.21E-6	9.8042E-9
33	24.BLR.9	-63.90885	-39.08615	106.80000	-0.09382	106.78	-80.850E-12	-494.33E-6	9.8867E-9
33	24.BLR.9	-63.49000	-39.35000	106.80000	-0.09564	106.78	-82.004E-12	-498.45E-6	9.9689E-9
34	24.BLR.10	-67.55000	-21.64000	106.80000	-0.12933	106.78	-117.73E-12	-616.62E-6	12.332E-9
34	24.BLR.10	-67.81269	-22.05731	106.80000	-0.12541	106.78	-114.12E-12	-605.48E-6	12.110E-9
34	24.BLR.10	-68.07538	-22.47462	106.80000	-0.12158	106.78	-110.64E-12	-594.58E-6	11.892E-9
34	24.BLR.10	-67.83846	-22.99192	106.80000	-0.11783	106.78	-107.27E-12	-583.68E-6	11.678E-9
34	24.BLR.10	-68.60077	-23.30923	106.80000	-0.11416	106.78	-104.02E-12	-573.47E-6	11.469E-9
34	24.BLR.10	-68.86346	-23.72654	106.80000	-0.11058	106.78	-100.87E-12	-563.25E-6	11.265E-9
34	24.BLR.10	-69.12615	-24.14385	106.80000	-0.10707	106.78	-97.840E-12	-553.24E-6	11.065E-9
34	24.BLR.10	-69.38885	-24.56115	106.80000	-0.10364	106.78	-94.906E-12	-543.44E-6	10.869E-9
34	24.BLR.10	-69.65154	-24.97846	106.80000	-0.10029	106.78	-92.073E-12	-533.67E-6	10.677E-9
34	24.BLR.10	-69.91423	-25.39577	106.80000	-0.09701	106.78	-89.335E-12	-524.46E-6	10.489E-9
34	24.BLR.10	-70.17692	-25.81308	106.80000	-0.09381	106.78	-86.684E-12	-515.27E-6	10.305E-9
34	24.BLR.10	-70.43962	-26.23038	106.80000	-0.09069	106.78	-84.126E-12	-506.27E-6	10.125E-9
34	24.BLR.10	-70.70231	-26.64769	106.80000	-0.08763	106.78	-81.651E-12	-497.46E-6	9.9492E-9
34	24.BLR.10	-70.96500	-27.06500	106.80000	-0.08463	106.78	-79.259E-12	-488.93E-6	9.7765E-9
34	24.BLR.10	-71.22769	-27.48231	106.80000	-0.08173	106.78	-76.943E-12	-480.38E-6	9.6076E-9
34	24.BLR.10	-71.49038	-27.89962	106.80000	-0.07889	106.78	-74.706E-12	-472.11E-6	9.4421E-9
34	24.BLR.10	-71.75308	-28.31692	106.80000	-0.07611	106.78	-72.542E-12	-464.00E-6	9.2801E-9
34	24.BLR.10	-72.01577	-28.73423	106.80000	-0.07340	106.78	-70.452E-12	-456.07E-6	9.1214E-9
34	24.BLR.10	-72.27846	-29.15154	106.80000	-0.07075	106.78	-68.425E-12	-448.39E-6	8.9659E-9
34	24.BLR.10	-72.54115	-29.56885	106.80000	-0.06817	106.78	-66.456E-12	-440.69E-6	8.8137E-9
34	24.BLR.10	-72.80385	-29.98615	106.80000	-0.06564	106.78	-64.566E-12	-433.23E-6	8.6646E-9
34	24.BLR.10	-73.06654	-30.40346	106.80000	-0.06318	106.78	-62.732E-12	-425.93E-6	8.5185E-9
34	24.BLR.10	-73.32923	-30.82077	106.80000	-0.06078	106.78	-60.957E-12	-418.77E-6	8.3755E-9
34	24.BLR.10	-73.59192	-31.23808	106.80000	-0.05843	106.78	-59.237E-12	-411.76E-6	8.2353E-9
34	24.BLR.10	-73.85462	-31.65538	106.80000	-0.05616	106.78	-57.573E-12	-404.90E-6	8.0980E-9
34	24.BLR.10	-74.11731	-32.07269	106.80000	-0.05393	106.78	-55.963E-12	-398.17E-6	7.9635E-9
34	24.BLR.10	-74.38000	-32.49000	106.80000	-0.05176	106.78	-54.402E-12	-391.58E-6	7.8317E-9
35	24.BLR.11	-65.43000	-22.97000	106.80000	-0.14780	106.78	-132.23E-12	-660.31E-6	13.206E-9
35	24.BLR.11	-65.88923	-22.74823	106.80000	-0.14461	106.78	-129.71E-12	-652.87E-6	13.057E-9
35	24.BLR.11	-66.13667	-22.52667	106.80000	-0.14147	106.78	-127.24E-12	-645.50E-6	12.910E-9
35	24.BLR.11	-66.49000	-22.30500	106.80000	-0.13837	106.78	-124.80E-12	-638.18E-6	12.764E-9
35	24.BLR.11	-66							



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
37	24.BLR.13	-62.99040	-16.97800	106.80000	-0.21907	106.78	-208.295E-12	-860.555E-6	17.211E-9
37	24.BLR.13	-62.15360	-17.44200	106.80000	-0.21450	106.78	-202.66E-12	-847.00E-6	16.940E-9
37	24.BLR.13	-62.31680	-17.90600	106.80000	-0.20998	106.78	-197.18E-12	-833.64E-6	16.673E-9
37	24.BLR.13	-62.48000	-18.37000	106.80000	-0.20550	106.78	-191.84E-12	-820.47E-6	16.409E-9
38	FR.1	-24.98000	-52.40000	106.80000	-0.33089	106.78	-288.98E-12	-0.0010108	20.215E-9
38	FR.1	-14.49968	-52.72825	106.80000	-0.33832	106.78	-297.70E-12	-0.0010276	20.551E-9
38	FR.1	-24.01937	-52.15651	106.80000	-0.34584	106.78	-306.66E-12	-0.0010446	20.891E-9
38	FR.1	-23.53905	-52.03476	106.80000	-0.35343	106.78	-315.88E-12	-0.0010618	21.236E-9
38	FR.1	-23.05873	-51.91302	106.80000	-0.36111	106.78	-325.36E-12	-0.0010793	21.586E-9
38	FR.1	-22.57841	-51.79127	106.80000	-0.36886	106.78	-335.10E-12	-0.0010970	21.939E-9
38	FR.1	-22.09810	-51.66952	106.80000	-0.37668	106.78	-345.10E-12	-0.0011149	22.297E-9
38	FR.1	-21.61778	-51.54778	106.80000	-0.38457	106.78	-355.37E-12	-0.0011330	22.659E-9
38	FR.1	-21.13746	-51.42603	106.80000	-0.39253	106.78	-365.90E-12	-0.0011513	23.026E-9
38	FR.1	-20.65714	-51.30429	106.80000	-0.40055	106.78	-376.72E-12	-0.0011698	23.396E-9
38	FR.1	-20.17683	-51.18254	106.80000	-0.40863	106.78	-387.80E-12	-0.0011885	23.771E-9
38	FR.1	-19.69651	-51.06079	106.80000	-0.41676	106.78	-399.17E-12	-0.0012074	24.149E-9
38	FR.1	-19.21619	-50.93905	106.80000	-0.42495	106.78	-410.81E-12	-0.0012265	24.531E-9
38	FR.1	-18.73587	-50.81730	106.80000	-0.43318	106.78	-422.72E-12	-0.0012458	24.916E-9
38	FR.1	-18.25556	-50.69556	106.80000	-0.44146	106.78	-434.92E-12	-0.0012652	25.305E-9
38	FR.1	-17.77524	-50.57381	106.80000	-0.44978	106.78	-447.39E-12	-0.0012848	25.697E-9
38	FR.1	-17.29492	-50.45206	106.80000	-0.45813	106.78	-460.13E-12	-0.0013046	26.091E-9
38	FR.1	-16.81460	-50.33032	106.80000	-0.46651	106.78	-473.14E-12	-0.0013244	26.489E-9
38	FR.1	-16.33429	-50.20857	106.80000	-0.47491	106.78	-486.42E-12	-0.0013444	26.889E-9
38	FR.1	-15.85397	-50.08683	106.80000	-0.48333	106.78	-499.97E-12	-0.0013646	27.291E-9
38	FR.1	-15.37365	-49.96508	106.80000	-0.49177	106.78	-513.76E-12	-0.0013848	27.695E-9
38	FR.1	-14.89333	-49.84333	106.80000	-0.50021	106.78	-527.81E-12	-0.0014051	28.115E-9
38	FR.1	-14.41302	-49.72159	106.80000	-0.50866	106.78	-542.10E-12	-0.0014254	28.508E-9
38	FR.1	-13.93270	-49.59984	106.80000	-0.51710	106.78	-556.62E-12	-0.0014458	28.917E-9
38	FR.1	-13.45238	-49.47810	106.80000	-0.52554	106.78	-571.36E-12	-0.0014663	29.326E-9
38	FR.1	-12.97206	-49.35635	106.80000	-0.53396	106.78	-586.31E-12	-0.0014868	29.735E-9
38	FR.1	-12.49175	-49.23460	106.80000	-0.54240	106.78	-601.46E-12	-0.0015072	30.144E-9
38	FR.1	-12.01143	-49.11286	106.80000	-0.55074	106.78	-616.78E-12	-0.0015277	30.553E-9
38	FR.1	-11.53111	-48.99111	106.80000	-0.55908	106.78	-632.27E-12	-0.0015481	30.962E-9
38	FR.1	-11.05079	-48.86937	106.80000	-0.56738	106.78	-647.90E-12	-0.0015684	31.368E-9
38	FR.1	-10.57048	-48.74762	106.80000	-0.57563	106.78	-663.66E-12	-0.0015887	31.774E-9
38	FR.1	-10.09016	-48.62587	106.80000	-0.58393	106.78	-679.53E-12	-0.0016091	32.176E-9
38	FR.1	-9.60984	-48.50413	106.80000	-0.59197	106.78	-695.47E-12	-0.0016288	32.577E-9
38	FR.1	-9.12952	-48.38238	106.80000	-0.60005	106.78	-711.48E-12	-0.0016487	32.974E-9
38	FR.1	-8.64921	-48.26063	106.80000	-0.60805	106.78	-727.51E-12	-0.0016684	33.367E-9
38	FR.1	-8.16889	-48.13889	106.80000	-0.61597	106.78	-743.55E-12	-0.0016878	33.756E-9
38	FR.1	-7.68857	-48.01714	106.80000	-0.62381	106.78	-759.56E-12	-0.0017074	34.140E-9
38	FR.1	-7.20825	-47.89540	106.80000	-0.63155	106.78	-775.52E-12	-0.0017260	34.519E-9
38	FR.1	-6.72794	-47.77365	106.80000	-0.63919	106.78	-791.39E-12	-0.0017446	34.892E-9
38	FR.1	-6.24762	-47.65190	106.80000	-0.64672	106.78	-807.13E-12	-0.0017629	35.258E-9
38	FR.1	-5.76730	-47.53016	106.80000	-0.65414	106.78	-822.72E-12	-0.0017809	35.617E-9
38	FR.1	-5.28698	-47.40841	106.80000	-0.66156	106.78	-838.12E-12	-0.0017994	35.969E-9
38	FR.1	-4.80667	-47.28667	106.80000	-0.66860	106.78	-853.29E-12	-0.0018156	36.312E-9
38	FR.1	-4.32635	-47.16492	106.80000	-0.67563	106.78	-868.19E-12	-0.0018323	36.646E-9
38	FR.1	-3.84603	-47.04317	106.80000	-0.68251	106.78	-882.79E-12	-0.0018485	36.971E-9
38	FR.1	-3.36571	-46.92143	106.80000	-0.68925	106.78	-897.04E-12	-0.0018643	37.285E-9
38	FR.1	-2.88540	-46.79968	106.80000	-0.69583	106.78	-910.24E-12	-0.0018794	37.589E-9
38	FR.1	-2.40508	-46.67794	106.80000	-0.70225	106.78	-924.36E-12	-0.0018940	37.881E-9
38	FR.1	-1.92476	-46.55619	106.80000	-0.70849	106.78	-937.34E-12	-0.0019081	38.161E-9
38	FR.1	-1.44444	-46.43444	106.80000	-0.71456	106.78	-949.83E-12	-0.0019214	38.429E-9
38	FR.1	-0.96413	-46.31270	106.80000	-0.72045	106.78	-961.77E-12	-0.0019342	38.683E-9
38	FR.1	-0.48381	-46.19095	106.80000	-0.72614	106.78	-973.14E-12	-0.0019462	38.929E-9
38	FR.1	-0.00349	-46.06921	106.80000	-0.73164	106.78	-983.88E-12	-0.0019576	39.151E-9
38	FR.1	0.47683	-45.94746	106.80000	-0.73694	106.78	-993.98E-12	-0.0019682	39.363E-9
38	FR.1	0.95714	-45.82571	106.80000	-0.74203	106.78	-1.0034E-9	-0.0019780	39.561E-9
38	FR.1	1.43746	-45.70397	106.80000	-0.74691	106.78	-1.0121E-9	-0.0019871	39.742E-9
38	FR.1	1.91778	-45.58222	106.80000	-0.75156	106.78	-1.0200E-9	-0.0019959	39.907E-9
38	FR.1	2.39810	-45.46048	106.80000	-0.75599	106.78	-1.0272E-9	-0.0020028	40.057E-9
38	FR.1	2.87841	-45.33873	106.80000	-0.76019	106.78	-1.0336E-9	-0.0020094	40.189E-9
38	FR.1	3.35873	-45.21698	106.80000	-0.76416	106.78	-1.0391E-9	-0.0020152	40.304E-9
38	FR.1	3.83905	-45.09524	106.80000	-0.76788	106.78	-1.0438E-9	-0.0020201	40.402E-9
38	FR.1	4.31937	-44.97349	106.80000	-0.77137	106.78	-1.0476E-9	-0.0020241	40.483E-9
38	FR.1	4.79968	-44.85175	106.80000	-0.77460	106.78	-1.0506E-9	-0.0020273	40.545E-9
38	FR.1	5.28000	-44.73000	106.80000	-0.77758	106.78	-1.0526E-9	-0.0020295	40.590E-9
38	FR.2	5.28000	-44.73000	106.80000	-0.77758	106.78	-1.0526E-9	-0.0020295	40.590E-9
38	FR.2	5.39083	-45.18083	106.80000	-0.75018	106.78	-988.24E-12	-0.0019609	39.217E-9
38	FR.2	5.6267	-45.63167	106.80000	-0.72382	106.78	-928.70E-12	-0.0019297	37.908E-9
38	FR.2	5.61250	-46.08250	106.80000	-0.69844	106.78	-873.55E-12	-0.0018330	36.659E-9
38	FR.2	5.72333	-46.53333	106.80000	-0.67401	106.78	-822.41E-12	-0.0017733	35.467E-9
38	FR.2	5.83417	-46.98417	106.80000	-0.65049	106.78	-774.94E-12	-0.0017164	34.328E-9
38	FR.2	5.94500	-47.43500	106.80000	-0.62783	106.78	-730.82E-12	-0.0016619	33.239E-9
38	FR.2	6.05583	-47.88583	106.80000	-0.60620	106.78	-689.77E-12	-0.0016059	32.197E-9
38	FR.2	6.16667	-48.33667	106.80000	-0.58496	106.78	-651.55E-12	-0.0015600	31.201E-9
38	FR.2	6.27750	-48.78750	106.80000	-0.56468	106.78	-615.92E-12	-0.0015123	30.247E-9
38	FR.2	6.38833	-49.23833	106.80000	-0.54513	106.78	-582.67E-12	-0.0014666	29.332E-9
38	FR.2	6.49917	-49.68917	106.80000	-0.52628	106.78	-551.62E-12	-0.0014228	28.456E-9
40	FR.3	6.61000	-50.14000	106.80000	-0.50810	106.78	-522.59E-12	-0.0013801	27.615E-9
40	FR.3	6.14286	-50.25429	106.80000	-0.50656	106.78	-522.07E-12	-0.0013799	27.599E-9
40	FR.3	5.67571	-50.36857	106.80000	-0.50487	106.78	-521.26E-12	-0.0013787	27.574E-9
40	FR.3	5.20857	-50.48286	106.80000	-0.50304	106.78	-520.13E-12	-0.0013770	27.540E-9
40	FR.3	4.74143	-50.59714	106.80000	-0.50107	106.78	-518.71E-12	-0.0013747	27.498E-9
40	FR.3	4.27429	-50.71143	106.80000	-0.49897	106.78	-516.99E-12	-0.0013724	27.448E-9
40	FR.3	3.80714	-50.82571	106.80000	-0.49674	106.78	-514.97E-12	-0.0013695	27.389E-9
40	FR.3	3.34000	-50.94000	106.80000	-0.49437	106.78	-512.67E-12	-0.0013661	27.322E-9
41	FR.4	3.34000	-50.94000	106.80000	-0.49437	106.78	-512.67E-12	-0.0013661	27.322E-9
41	FR.4	3.45286	-51.39286	106.80000	-0.47709	106.78	-485.76E-12	-0.0013298	26.516E-9
41	FR.4	3.56571	-51.85571	106.80000	-0.46042	106.78	-460.57E-12	-0.0012871	25.742E-9
41	FR.4	3.67857	-52.31786	106.80000	-0.44434	106.78	-436.98E-12	-0.0012499	24.998E-9
41	FR.4	3.79143	-52.77714	106.80000	-0.42883	106.78	-414.86E-12	-0.0012142	24.284E-9
41	FR.4	3.90429	-53.23643	106.80000	-0.41386	106.78	-394.11E-12	-0.0011799	23.598E-9
41	FR.4	4.01714	-53.69571	106.80000	-0.39940	106.78	-374.62E-12	-0.0011442	22.932E-9
41	FR.4	4.13000	-54.15500	106.80000	-0.38545	106.78	-356.30E-12	-0.0011152	22.303E-9
41	FR.4								



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
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Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
42	FH.5	-7.62500	-60.53643	106.80000	-0.24031	106.78	-199.765E-12	-807.399E-6	16.148E-9
42	FH.5	-8.10750	-60.65821	106.80000	-0.23738	106.78	-196.93E-12	-801.04E-6	16.021E-9
42	FH.5	-8.59000	-60.78000	106.80000	-0.23442	106.78	-194.08E-12	-794.61E-6	15.892E-9
42	FH.5	-9.07250	-60.90179	106.80000	-0.23143	106.78	-191.21E-12	-788.09E-6	15.762E-9
42	FH.5	-9.55500	-61.02357	106.80000	-0.22841	106.78	-188.33E-12	-781.49E-6	15.630E-9
42	FH.5	-10.03750	-61.14536	106.80000	-0.22538	106.78	-185.44E-12	-774.83E-6	15.497E-9
42	FH.5	-10.52000	-61.26714	106.80000	-0.22232	106.78	-182.55E-12	-768.10E-6	15.362E-9
42	FH.5	-11.00250	-61.38893	106.80000	-0.21925	106.78	-179.65E-12	-761.31E-6	15.226E-9
42	FH.5	-11.48500	-61.51071	106.80000	-0.21616	106.78	-176.75E-12	-754.47E-6	15.089E-9
42	FH.5	-11.96750	-61.63250	106.80000	-0.21306	106.78	-173.85E-12	-747.57E-6	14.951E-9
42	FH.5	-12.45000	-61.75429	106.80000	-0.20994	106.78	-170.96E-12	-740.64E-6	14.813E-9
42	FH.5	-12.93250	-61.87607	106.80000	-0.20682	106.78	-168.08E-12	-733.66E-6	14.673E-9
42	FH.5	-13.41500	-61.99786	106.80000	-0.20369	106.78	-165.21E-12	-726.65E-6	14.533E-9
42	FH.5	-13.89750	-62.11964	106.80000	-0.20054	106.78	-162.34E-12	-719.61E-6	14.392E-9
42	FH.5	-14.38000	-62.24143	106.80000	-0.19740	106.78	-159.49E-12	-712.55E-6	14.251E-9
42	FH.5	-14.86250	-62.36321	106.80000	-0.19425	106.78	-156.66E-12	-705.46E-6	14.109E-9
42	FH.5	-15.34500	-62.48500	106.80000	-0.19110	106.78	-153.84E-12	-698.36E-6	13.967E-9
42	FH.5	-15.82750	-62.60679	106.80000	-0.18795	106.78	-151.05E-12	-691.24E-6	13.825E-9
42	FH.5	-16.31000	-62.72857	106.80000	-0.18480	106.78	-148.28E-12	-684.12E-6	13.682E-9
42	FH.5	-16.79250	-62.85036	106.80000	-0.18166	106.78	-145.52E-12	-677.00E-6	13.540E-9
42	FH.5	-17.27500	-62.97214	106.80000	-0.17852	106.78	-142.80E-12	-669.87E-6	13.397E-9
42	FH.5	-17.75750	-63.09393	106.80000	-0.17539	106.78	-140.10E-12	-662.75E-6	13.255E-9
42	FH.5	-18.24000	-63.21571	106.80000	-0.17226	106.78	-137.43E-12	-655.63E-6	13.113E-9
42	FH.5	-18.72250	-63.33750	106.80000	-0.16915	106.78	-134.78E-12	-648.53E-6	12.971E-9
42	FH.5	-19.20500	-63.45929	106.80000	-0.16605	106.78	-132.17E-12	-641.44E-6	12.829E-9
42	FH.5	-19.68750	-63.58107	106.80000	-0.16293	106.78	-129.59E-12	-634.37E-6	12.687E-9
42	FH.5	-20.17000	-63.70286	106.80000	-0.15988	106.78	-127.04E-12	-627.31E-6	12.546E-9
42	FH.5	-20.65250	-63.82464	106.80000	-0.15682	106.78	-124.52E-12	-620.28E-6	12.406E-9
42	FH.5	-21.13500	-63.94643	106.80000	-0.15377	106.78	-122.03E-12	-613.28E-6	12.266E-9
42	FH.5	-21.61750	-64.06821	106.80000	-0.15074	106.78	-119.58E-12	-606.30E-6	12.126E-9
42	FH.5	-22.10000	-64.19000	106.80000	-0.14773	106.78	-117.16E-12	-599.36E-6	11.987E-9
43	FH.6	-22.11520	-64.19000	106.80000	-0.14773	106.78	-117.16E-12	-599.36E-6	11.987E-9
43	FH.6	-22.21520	-63.71840	106.80000	-0.15290	106.78	-121.23E-12	-611.33E-6	12.227E-9
43	FH.6	-22.33040	-63.24680	106.80000	-0.15821	106.78	-125.45E-12	-623.60E-6	12.472E-9
43	FH.6	-22.44560	-62.77520	106.80000	-0.16367	106.78	-129.84E-12	-636.18E-6	12.724E-9
43	FH.6	-22.56080	-62.30360	106.80000	-0.16929	106.78	-134.37E-12	-649.03E-6	12.972E-9
43	FH.6	-22.67600	-61.83200	106.80000	-0.17506	106.78	-139.17E-12	-662.30E-6	13.246E-9
43	FH.6	-22.79120	-61.36040	106.80000	-0.18099	106.78	-144.12E-12	-675.85E-6	13.517E-9
43	FH.6	-22.90640	-60.88880	106.80000	-0.18709	106.78	-149.27E-12	-689.74E-6	13.795E-9
43	FH.6	-23.02160	-60.41720	106.80000	-0.19336	106.78	-154.63E-12	-703.99E-6	14.080E-9
43	FH.6	-23.13680	-59.94560	106.80000	-0.19980	106.78	-160.21E-12	-718.60E-6	14.372E-9
43	FH.6	-23.25200	-59.47400	106.80000	-0.20643	106.78	-166.02E-12	-733.58E-6	14.672E-9
43	FH.6	-23.36720	-59.00240	106.80000	-0.21324	106.78	-172.07E-12	-748.94E-6	14.979E-9
43	FH.6	-23.48240	-58.53080	106.80000	-0.22023	106.78	-178.37E-12	-764.70E-6	15.294E-9
43	FH.6	-23.59760	-58.05920	106.80000	-0.22742	106.78	-184.93E-12	-780.86E-6	15.617E-9
43	FH.6	-23.71280	-57.58760	106.80000	-0.23481	106.78	-191.76E-12	-797.44E-6	15.949E-9
43	FH.6	-23.82800	-57.11600	106.80000	-0.24241	106.78	-198.89E-12	-814.44E-6	16.289E-9
43	FH.6	-23.94320	-56.64440	106.80000	-0.25022	106.78	-206.31E-12	-831.88E-6	16.638E-9
43	FH.6	-24.05840	-56.17280	106.80000	-0.25824	106.78	-214.05E-12	-849.78E-6	16.996E-9
43	FH.6	-24.17360	-55.70120	106.80000	-0.26648	106.78	-222.11E-12	-868.14E-6	17.363E-9
43	FH.6	-24.28880	-55.22960	106.80000	-0.27495	106.78	-230.51E-12	-886.98E-6	17.739E-9
43	FH.6	-24.40400	-54.75800	106.80000	-0.28366	106.78	-239.26E-12	-906.30E-6	18.126E-9
43	FH.6	-24.51920	-54.28640	106.80000	-0.29260	106.78	-248.39E-12	-926.13E-6	18.523E-9
43	FH.6	-24.63440	-53.81480	106.80000	-0.30179	106.78	-257.91E-12	-946.48E-6	18.930E-9
43	FH.6	-24.74960	-53.34320	106.80000	-0.31123	106.78	-267.84E-12	-967.36E-6	19.347E-9
43	FH.6	-24.86480	-52.87160	106.80000	-0.32093	106.78	-278.19E-12	-988.70E-6	19.776E-9
43	FH.6	-24.98000	-52.40000	106.80000	-0.33089	106.78	-288.98E-12	-1011.01E-6	20.215E-9
44	PP.Sch.1	27.17000	-40.03000	106.80000	-0.61232	106.78	-493.27E-12	-0.0013633	27.267E-9
44	PP.Sch.1	27.64893	-39.93143	106.80000	-0.60485	106.78	-480.01E-12	-0.0013434	26.869E-9
44	PP.Sch.1	28.12786	-39.83286	106.80000	-0.59734	106.78	-467.02E-12	-0.0013236	26.473E-9
44	PP.Sch.1	28.60679	-39.73429	106.80000	-0.58981	106.78	-454.30E-12	-0.0013046	26.080E-9
44	PP.Sch.1	29.08571	-39.63571	106.80000	-0.58225	106.78	-441.86E-12	-0.0012845	25.690E-9
44	PP.Sch.1	29.56464	-39.53714	106.80000	-0.57469	106.78	-429.70E-12	-0.0012651	25.302E-9
44	PP.Sch.1	30.04357	-39.43857	106.80000	-0.56713	106.78	-417.81E-12	-0.0012459	24.919E-9
44	PP.Sch.1	30.52250	-39.34000	106.80000	-0.55957	106.78	-406.20E-12	-0.0012269	24.538E-9
44	PP.Sch.1	31.00143	-39.24143	106.80000	-0.55203	106.78	-394.87E-12	-0.0012081	24.161E-9
44	PP.Sch.1	31.48036	-39.14286	106.80000	-0.54452	106.78	-383.80E-12	-0.0011894	23.788E-9
44	PP.Sch.1	31.95929	-39.04429	106.80000	-0.53704	106.78	-373.02E-12	-0.0011709	23.419E-9
44	PP.Sch.1	32.43821	-38.94571	106.80000	-0.52960	106.78	-362.50E-12	-0.0011527	23.053E-9
44	PP.Sch.1	32.91714	-38.84714	106.80000	-0.52221	106.78	-352.24E-12	-0.0011346	22.692E-9
44	PP.Sch.1	33.39607	-38.74857	106.80000	-0.51489	106.78	-342.25E-12	-0.0011167	22.335E-9
44	PP.Sch.1	33.87500	-38.65000	106.80000	-0.50761	106.78	-332.52E-12	-0.0010991	21.981E-9
44	PP.Sch.1	34.35393	-38.55143	106.80000	-0.50042	106.78	-323.05E-12	-0.0010816	21.633E-9
44	PP.Sch.1	34.83286	-38.45286	106.80000	-0.49331	106.78	-313.83E-12	-0.0010644	21.288E-9
44	PP.Sch.1	35.31179	-38.35429	106.80000	-0.48628	106.78	-304.85E-12	-0.0010474	20.948E-9
44	PP.Sch.1	35.79071	-38.25571	106.80000	-0.47936	106.78	-296.12E-12	-0.0010306	20.613E-9
44	PP.Sch.1	36.26964	-38.15714	106.80000	-0.47254	106.78	-287.64E-12	-0.0010140	20.281E-9
44	PP.Sch.1	36.74857	-38.05857	106.80000	-0.46582	106.78	-279.38E-12	-997.69E-6	19.954E-9
44	PP.Sch.1	37.22750	-37.96000	106.80000	-0.45923	106.78	-271.35E-12	-981.57E-6	19.631E-9
44	PP.Sch.1	37.70643	-37.86143	106.80000	-0.45275	106.78	-263.55E-12	-965.68E-6	19.313E-9
44	PP.Sch.1	38.18536	-37.76286	106.80000	-0.44641	106.78	-256.97E-12	-950.01E-6	19.002E-9
44	PP.Sch.1	38.66429	-37.66429	106.80000	-0.44020	106.78	-249.60E-12	-934.57E-6	18.691E-9
44	PP.Sch.1	39.14321	-37.56571	106.80000	-0.43413	106.78	-241.44E-12	-919.35E-6	18.387E-9
44	PP.Sch.1	39.62214	-37.46714	106.80000	-0.42821	106.78	-234.49E-12	-904.36E-6	18.087E-9
44	PP.Sch.1	40.10107	-37.36857	106.80000	-0.42243	106.78	-227.74E-12	-889.60E-6	17.792E-9
44	PP.Sch.1	40.57999	-37.27000	106.80000	-0.41679	106.78	-222.05E-12	-875.05E-6	17.501E-9
45	PP.Sch.2	29.53000	-51.47000	106.80000	-0.26757	106.78	-174.75E-12	-752.74E-6	15.055E-9
45	PP.Sch.2	29.43167	-50.99333	106.80000	-0.27709	106.78	-181.82E-12	-770.14E-6	15.403E-9
45	PP.Sch.2	29.33333	-50.51667	106.80000	-0.28692	106.78	-189.24E-12	-788.06E-6	15.761E-9
45	PP.Sch.2	29.23500	-50.04000	106.80000	-0.29708	106.78	-197.02E-12	-806.52E-6	16.130E-9
45	PP.Sch.2	29.13667	-49.56333	106.80000	-0.30751	106.78	-205.18E-12	-825.55E-6	16.515E-9
45	PP.Sch.2	29.03833	-49.08667	106.80000	-0.31841	106.78	-213.74E-12	-845.15E-6	16.903E-9
45	PP.Sch.2	28.94000	-48.61000	106.80000	-0.32962	106.78	-222.72E-12	-865.37E-6	17.307E-9
45	PP.Sch.2	28.84167	-48.13333	106.80000	-0.34120	106.78	-232.15E-12	-886.21E-6	17.724E-9
45	PP.Sch.2	28.74333	-47.65667	106.80000	-0.35316	106.78	-242.06E-12	-907.70E-6	18.154E-9

Oasys										Job No.	Sheet No.	Rev.
Highgate Junior School Sports Hall										3244		
Unloading and Loading Long Term										Dr. Ref.		
										Made by	Date	Checked
										AC		
Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]			
		[m]	[m]	[mOD]	[mm]							
46	PP.Sch.3	42.44042	-46.32667	106.80000	-0.23685	106.78	-118.27E-12	-606.63E-6	12.133E-9			
46	PP.Sch.3	42.53833	-46.80333	106.80000	-0.22958	106.78	-114.56E-12	-595.40E-6	11.908E-9			
46	PP.Sch.3	42.63625	-47.28000	106.80000	-0.22249	106.78	-110.97E-12	-584.42E-6	11.688E-9			
46	PP.Sch.3	42.73417	-47.75667	106.80000	-0.21558	106.78	-107.51E-12	-573.69E-6	11.474E-9			
46	PP.Sch.3	42.83208	-48.23333	106.80000	-0.20884	106.78	-104.17E-12	-563.18E-6	11.264E-9			
46	PP.Sch.3	42.93000	-48.71000	106.80000	-0.20228	106.78	-100.95E-12	-552.91E-6	11.058E-9			
47	PP.Sch.4	42.93000	-48.71000	106.80000	-0.20228	106.78	-100.95E-12	-552.91E-6	11.058E-9			
47	PP.Sch.4	42.45143	-48.80857	106.80000	-0.20423	106.78	-103.11E-12	-559.61E-6	11.192E-9			
47	PP.Sch.4	41.97286	-48.90714	106.80000	-0.20622	106.78	-105.31E-12	-566.36E-6	11.327E-9			
47	PP.Sch.4	41.49429	-49.00571	106.80000	-0.20826	106.78	-107.54E-12	-573.17E-6	11.463E-9			
47	PP.Sch.4	41.01571	-49.10429	106.80000	-0.21034	106.78	-109.82E-12	-580.02E-6	11.600E-9			
47	PP.Sch.4	40.53714	-49.20286	106.80000	-0.21246	106.78	-112.13E-12	-586.91E-6	11.738E-9			
47	PP.Sch.4	40.05857	-49.30143	106.80000	-0.21463	106.78	-114.48E-12	-593.85E-6	11.877E-9			
47	PP.Sch.4	39.58000	-49.40000	106.80000	-0.21683	106.78	-116.87E-12	-600.84E-6	12.017E-9			
47	PP.Sch.4	39.10143	-49.49857	106.80000	-0.21906	106.78	-119.30E-12	-607.86E-6	12.157E-9			
47	PP.Sch.4	38.62286	-49.59714	106.80000	-0.22133	106.78	-121.76E-12	-614.92E-6	12.298E-9			
47	PP.Sch.4	38.14429	-49.69571	106.80000	-0.22363	106.78	-124.26E-12	-622.01E-6	12.440E-9			
47	PP.Sch.4	37.66571	-49.79429	106.80000	-0.22596	106.78	-126.79E-12	-629.14E-6	12.583E-9			
47	PP.Sch.4	37.18714	-49.89286	106.80000	-0.22832	106.78	-129.37E-12	-636.31E-6	12.726E-9			
47	PP.Sch.4	36.70857	-49.99143	106.80000	-0.23070	106.78	-131.98E-12	-643.50E-6	12.870E-9			
47	PP.Sch.4	36.23000	-50.09000	106.80000	-0.23310	106.78	-134.62E-12	-650.71E-6	13.014E-9			
47	PP.Sch.4	35.75143	-50.18857	106.80000	-0.23552	106.78	-137.30E-12	-657.95E-6	13.159E-9			
47	PP.Sch.4	35.27286	-50.28714	106.80000	-0.23795	106.78	-140.01E-12	-665.22E-6	13.304E-9			
47	PP.Sch.4	34.79429	-50.38571	106.80000	-0.24041	106.78	-142.76E-12	-672.49E-6	13.450E-9			
47	PP.Sch.4	34.31571	-50.48429	106.80000	-0.24287	106.78	-145.53E-12	-679.79E-6	13.596E-9			
47	PP.Sch.4	33.83714	-50.58286	106.80000	-0.24534	106.78	-148.34E-12	-687.09E-6	13.742E-9			
47	PP.Sch.4	33.35857	-50.68143	106.80000	-0.24782	106.78	-151.17E-12	-694.41E-6	13.888E-9			
47	PP.Sch.4	32.88000	-50.78000	106.80000	-0.25030	106.78	-154.03E-12	-701.72E-6	14.034E-9			
47	PP.Sch.4	32.40143	-50.87857	106.80000	-0.25278	106.78	-156.92E-12	-709.04E-6	14.181E-9			
47	PP.Sch.4	31.92286	-50.97714	106.80000	-0.25527	106.78	-159.84E-12	-716.35E-6	14.327E-9			
47	PP.Sch.4	31.44429	-51.07571	106.80000	-0.25775	106.78	-162.78E-12	-723.66E-6	14.473E-9			
47	PP.Sch.4	30.96571	-51.17429	106.80000	-0.26022	106.78	-165.74E-12	-730.96E-6	14.619E-9			
47	PP.Sch.4	30.48714	-51.27286	106.80000	-0.26268	106.78	-168.73E-12	-738.24E-6	14.765E-9			
47	PP.Sch.4	30.00857	-51.37143	106.80000	-0.26513	106.78	-171.73E-12	-745.50E-6	14.910E-9			
47	PP.Sch.4	29.53000	-51.47000	106.80000	-0.26757	106.78	-174.75E-12	-752.74E-6	15.055E-9			
48	PP.Sch.5	29.05000	-51.56800	106.80000	-0.26549	106.78	-172.14E-12	-746.50E-6	14.930E-9			
48	PP.Sch.5	30.02889	-51.84111	106.80000	-0.25680	106.78	-165.88E-12	-730.72E-6	14.614E-9			
48	PP.Sch.5	30.10778	-52.30222	106.80000	-0.24836	106.78	-159.87E-12	-715.36E-6	14.307E-9			
48	PP.Sch.5	30.18667	-52.76333	106.80000	-0.24018	106.78	-154.13E-12	-700.42E-6	14.008E-9			
48	PP.Sch.5	30.26556	-53.22444	106.80000	-0.23223	106.78	-148.62E-12	-685.87E-6	13.717E-9			
48	PP.Sch.5	30.34444	-53.68556	106.80000	-0.22453	106.78	-143.35E-12	-671.71E-6	13.434E-9			
48	PP.Sch.5	30.42333	-54.14667	106.80000	-0.21705	106.78	-138.29E-12	-657.92E-6	13.158E-9			
48	PP.Sch.5	30.50222	-54.60778	106.80000	-0.20979	106.78	-133.44E-12	-644.50E-6	12.890E-9			
48	PP.Sch.5	30.58111	-55.06889	106.80000	-0.20274	106.78	-128.79E-12	-631.43E-6	12.628E-9			
48	PP.Sch.5	30.66000	-55.53000	106.80000	-0.19591	106.78	-124.33E-12	-618.69E-6	12.374E-9			
49	PP.Sch.6	43.17000	-52.92000	106.80000	-0.15322	106.78	-78.527E-12	-477.17E-6	9.5434E-9			
49	PP.Sch.6	43.28444	-52.46000	106.80000	-0.15827	106.78	-80.846E-12	-485.37E-6	9.7074E-9			
49	PP.Sch.6	43.19889	-52.00000	106.80000	-0.16346	106.78	-83.239E-12	-493.74E-6	9.8749E-9			
49	PP.Sch.6	43.11333	-51.54000	106.80000	-0.16877	106.78	-85.715E-12	-502.29E-6	10.046E-9			
49	PP.Sch.6	43.02778	-51.08000	106.80000	-0.17422	106.78	-88.274E-12	-511.02E-6	10.220E-9			
49	PP.Sch.6	42.94222	-50.62000	106.80000	-0.17966	106.78	-90.919E-12	-519.93E-6	10.399E-9			
49	PP.Sch.6	42.85667	-50.16000	106.80000	-0.18553	106.78	-93.652E-12	-529.03E-6	10.581E-9			
49	PP.Sch.6	42.77111	-49.70000	106.80000	-0.19140	106.78	-96.477E-12	-538.32E-6	10.766E-9			
49	PP.Sch.6	42.68556	-49.24000	106.80000	-0.19742	106.78	-99.398E-12	-547.80E-6	10.956E-9			
49	PP.Sch.6	42.60000	-48.78000	106.80000	-0.20359	106.78	-102.42E-12	-557.49E-6	11.150E-9			
50	PP.Sch.7	30.66000	-55.53000	106.80000	-0.19591	106.78	-124.33E-12	-618.69E-6	12.374E-9			
50	PP.Sch.7	31.14885	-55.42962	106.80000	-0.19420	106.78	-122.40E-12	-613.32E-6	12.266E-9			
50	PP.Sch.7	31.63769	-55.32923	106.80000	-0.19249	106.78	-120.49E-12	-607.93E-6	12.159E-9			
50	PP.Sch.7	32.12654	-55.22885	106.80000	-0.19077	106.78	-118.58E-12	-602.51E-6	12.050E-9			
50	PP.Sch.7	32.61538	-55.12846	106.80000	-0.18904	106.78	-116.67E-12	-597.06E-6	11.941E-9			
50	PP.Sch.7	33.10423	-55.02808	106.80000	-0.18731	106.78	-114.78E-12	-591.60E-6	11.832E-9			
50	PP.Sch.7	33.59308	-54.92769	106.80000	-0.18558	106.78	-112.89E-12	-586.12E-6	11.722E-9			
50	PP.Sch.7	34.08192	-54.82731	106.80000	-0.18385	106.78	-111.02E-12	-580.63E-6	11.613E-9			
50	PP.Sch.7	34.57077	-54.72692	106.80000	-0.18211	106.78	-109.15E-12	-575.13E-6	11.503E-9			
50	PP.Sch.7	35.05962	-54.62654	106.80000	-0.18038	106.78	-107.30E-12	-569.62E-6	11.392E-9			
50	PP.Sch.7	35.54846	-54.52615	106.80000	-0.17866	106.78	-105.47E-12	-564.11E-6	11.282E-9			
50	PP.Sch.7	36.03731	-54.42577	106.80000	-0.17694	106.78	-103.65E-12	-558.60E-6	11.172E-9			
50	PP.Sch.7	36.52615	-54.32538	106.80000	-0.17524	106.78	-101.84E-12	-553.08E-6	11.062E-9			
50	PP.Sch.7	37.01500	-54.22500	106.80000	-0.17354	106.78	-100.05E-12	-547.57E-6	10.951E-9			
50	PP.Sch.7	37.50385	-54.12462	106.80000	-0.17185	106.78	-98.281E-12	-542.07E-6	10.841E-9			
50	PP.Sch.7	37.99269	-54.02423	106.80000	-0.17018	106.78	-96.525E-12	-536.57E-6	10.731E-9			
50	PP.Sch.7	38.48154	-53.92385	106.80000	-0.16853	106.78	-94.790E-12	-531.08E-6	10.622E-9			
50	PP.Sch.7	38.97038	-53.82346	106.80000	-0.16689	106.78	-93.072E-12	-525.61E-6	10.512E-9			
50	PP.Sch.7	39.45923	-53.72308	106.80000	-0.16527	106.78	-91.371E-12	-520.14E-6	10.403E-9			
50	PP.Sch.7	39.94808	-53.62269	106.80000	-0.16368	106.78	-89.694E-12	-514.70E-6	10.294E-9			
50	PP.Sch.7	40.43692	-53.52231	106.80000	-0.16210	106.78	-88.034E-12	-509.27E-6	10.185E-9			
50	PP.Sch.7	40.92577	-53.42192	106.80000	-0.16055	106.78	-86.396E-12	-503.86E-6	10.077E-9			
50	PP.Sch.7	41.41462	-53.32154	106.80000	-0.15903	106.78	-84.778E-12	-498.47E-6	9.9695E-9			
50	PP.Sch.7	41.90346	-53.22115	106.80000	-0.15753	106.78	-83.184E-12	-493.11E-6	9.8622E-9			
50	PP.Sch.7	42.39231	-53.12077	106.80000	-0.15606	106.78	-81.609E-12	-487.77E-6	9.7554E-9			
50	PP.Sch.7	42.88115	-53.02038	106.80000	-0.15463	106.78	-80.053E-12	-482.46E-6	9.6491E-9			
50	PP.Sch.7	43.37000	-52.92000	106.80000	-0.15322	106.78	-78.527E-12	-477.17E-6	9.5434E-9			
51	PP.Sch.8	30.66000	-55.53000	106.80000	-0.19591	106.78	-124.33E-12	-618.69E-6	12.374E-9			
51	PP.Sch.8	30.75182	-55.97545	106.80000	-0.18940	106.78	-120.10E-12	-606.46E-6	12.129E-9			
51	PP.Sch.8	30.84364	-56.42091	106.80000	-0.18308	106.78	-116.05E-12	-594.54E-6	11.891E-9			
51	PP.Sch.8	30.93545	-56.86636	106.80000	-0.17694	106.78	-112.16E-12	-582.92E-6	11.658E-9			
51	PP.Sch.8	31.02727	-57.31182	106.80000	-0.17098	106.78	-108.42E-12	-571.60E-6	11.432E-9			
51												

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.		
						3244				
						Drg. Ref.				
						Made by AC	Date	Checked		
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain	
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]	
53	PP.Sch.10	43.39308	-58.02077	106.80000	-0.10817	106.78	-59.738E-12	-406.34E-6	8.1269E-9	
53	PP.Sch.10	43.88154	-57.92038	106.80000	-0.10724	106.78	-58.739E-12	-402.44E-6	8.0488E-9	
53	PP.Sch.10	44.37000	-57.82000	106.80000	-0.10632	106.78	-57.751E-12	-398.54E-6	7.9709E-9	
54	GH.1	40.64000	-37.57000	106.80000	-0.40941	106.78	-216.56E-12	-864.29E-6	17.286E-9	
54	GH.1	41.11045	-37.47682	106.80000	-0.40412	106.78	-210.44E-12	-850.41E-6	17.008E-9	
54	GH.1	41.58091	-37.38364	106.80000	-0.39899	106.78	-204.50E-12	-836.74E-6	16.735E-9	
54	GH.1	42.05136	-37.29045	106.80000	-0.39402	106.78	-198.73E-12	-823.29E-6	16.466E-9	
54	GH.1	42.52182	-37.19727	106.80000	-0.38921	106.78	-193.13E-12	-810.04E-6	16.201E-9	
54	GH.1	42.99227	-37.10409	106.80000	-0.38457	106.78	-187.69E-12	-797.00E-6	15.940E-9	
54	GH.1	43.46273	-37.01091	106.80000	-0.38010	106.78	-182.40E-12	-784.17E-6	15.683E-9	
54	GH.1	43.93318	-36.91773	106.80000	-0.37581	106.78	-177.28E-12	-771.55E-6	15.431E-9	
54	GH.1	44.40364	-36.82455	106.80000	-0.37169	106.78	-172.30E-12	-759.12E-6	15.182E-9	
54	GH.1	44.87409	-36.73136	106.80000	-0.36774	106.78	-167.46E-12	-746.90E-6	14.938E-9	
54	GH.1	45.34455	-36.63818	106.80000	-0.36398	106.78	-162.77E-12	-734.88E-6	14.698E-9	
54	GH.1	45.81500	-36.54500	106.80000	-0.36040	106.78	-158.21E-12	-723.06E-6	14.461E-9	
54	GH.1	46.28545	-36.45182	106.80000	-0.35700	106.78	-153.79E-12	-711.43E-6	14.229E-9	
54	GH.1	46.75591	-36.35864	106.80000	-0.35379	106.78	-149.50E-12	-700.00E-6	14.000E-9	
54	GH.1	47.22636	-36.26545	106.80000	-0.35077	106.78	-145.33E-12	-688.75E-6	13.775E-9	
54	GH.1	47.69682	-36.17227	106.80000	-0.34794	106.78	-141.29E-12	-677.69E-6	13.554E-9	
54	GH.1	48.16727	-36.07909	106.80000	-0.34529	106.78	-137.36E-12	-666.82E-6	13.336E-9	
54	GH.1	48.63773	-35.98591	106.80000	-0.34284	106.78	-133.55E-12	-656.13E-6	13.123E-9	
54	GH.1	49.10818	-35.89273	106.80000	-0.34058	106.78	-129.86E-12	-645.63E-6	12.913E-9	
54	GH.1	49.57864	-35.79955	106.80000	-0.33851	106.78	-126.27E-12	-635.30E-6	12.706E-9	
54	GH.1	50.04909	-35.70636	106.80000	-0.33664	106.78	-122.79E-12	-625.15E-6	12.503E-9	
54	GH.1	50.51955	-35.61318	106.80000	-0.33496	106.78	-119.40E-12	-615.17E-6	12.303E-9	
54	GH.1	50.99000	-35.52000	106.80000	-0.33348	106.78	-116.13E-12	-605.37E-6	12.107E-9	
55	GH.2	50.99000	-35.52000	106.80000	-0.33348	106.78	-116.13E-12	-605.37E-6	12.107E-9	
55	GH.2	51.08333	-35.93000	106.80000	-0.32619	106.78	-113.44E-12	-597.07E-6	11.941E-9	
55	GH.2	51.17667	-36.34000	106.80000	-0.31902	106.78	-110.82E-12	-588.89E-6	11.778E-9	
55	GH.2	51.27000	-36.75000	106.80000	-0.31195	106.78	-108.27E-12	-580.82E-6	11.616E-9	
55	GH.2	51.36333	-37.16000	106.80000	-0.30500	106.78	-105.77E-12	-572.87E-6	11.457E-9	
55	GH.2	51.45667	-37.57000	106.80000	-0.29815	106.78	-103.33E-12	-565.03E-6	11.301E-9	
55	GH.2	51.55000	-37.98000	106.80000	-0.29142	106.78	-100.95E-12	-557.30E-6	11.146E-9	
56	GH.3	51.55000	-37.98000	106.80000	-0.29142	106.78	-100.95E-12	-557.30E-6	11.146E-9	
56	GH.3	52.00125	-37.91500	106.80000	-0.29005	106.78	-98.331E-12	-548.89E-6	10.978E-9	
56	GH.3	52.45250	-37.85000	106.80000	-0.28882	106.78	-95.783E-12	-540.62E-6	10.812E-9	
56	GH.3	52.90375	-37.78500	106.80000	-0.28774	106.78	-93.307E-12	-532.49E-6	10.650E-9	
56	GH.3	53.35500	-37.72000	106.80000	-0.28680	106.78	-90.903E-12	-524.50E-6	10.490E-9	
56	GH.3	53.80625	-37.65500	106.80000	-0.28600	106.78	-88.566E-12	-516.64E-6	10.333E-9	
56	GH.3	54.25750	-37.59000	106.80000	-0.28535	106.78	-86.292E-12	-508.91E-6	10.178E-9	
56	GH.3	54.70875	-37.52500	106.80000	-0.28483	106.78	-84.086E-12	-501.32E-6	10.026E-9	
56	GH.3	55.16000	-37.46000	106.80000	-0.28446	106.78	-81.934E-12	-493.85E-6	9.8769E-9	
57	GH.4	55.16000	-37.46000	106.80000	-0.28446	106.78	-81.934E-12	-493.85E-6	9.8769E-9	
57	GH.4	55.25406	-37.93781	106.80000	-0.27698	106.78	-79.973E-12	-486.80E-6	9.7360E-9	
57	GH.4	55.34812	-38.41562	106.80000	-0.26963	106.78	-78.056E-12	-479.86E-6	9.5971E-9	
57	GH.4	55.44219	-38.89344	106.80000	-0.26243	106.78	-76.184E-12	-473.01E-6	9.4602E-9	
57	GH.4	55.53625	-39.37125	106.80000	-0.25536	106.78	-74.355E-12	-466.26E-6	9.3251E-9	
57	GH.4	55.63031	-39.84906	106.80000	-0.24842	106.78	-72.573E-12	-459.60E-6	9.1920E-9	
57	GH.4	55.72437	-40.32688	106.80000	-0.24162	106.78	-70.834E-12	-453.04E-6	9.0608E-9	
57	GH.4	55.81844	-40.80469	106.80000	-0.23496	106.78	-69.134E-12	-446.57E-6	8.9315E-9	
57	GH.4	55.91250	-41.28250	106.80000	-0.22842	106.78	-67.473E-12	-440.20E-6	8.8040E-9	
57	GH.4	56.00656	-41.76031	106.80000	-0.22201	106.78	-65.855E-12	-433.92E-6	8.6784E-9	
57	GH.4	56.10063	-42.23813	106.80000	-0.21574	106.78	-64.278E-12	-427.73E-6	8.5546E-9	
57	GH.4	56.19469	-42.71594	106.80000	-0.20959	106.78	-62.737E-12	-421.63E-6	8.4326E-9	
57	GH.4	56.28875	-43.19375	106.80000	-0.20357	106.78	-61.233E-12	-415.62E-6	8.3125E-9	
57	GH.4	56.38281	-43.67156	106.80000	-0.19767	106.78	-59.768E-12	-409.71E-6	8.1941E-9	
57	GH.4	56.47687	-44.14937	106.80000	-0.19190	106.78	-58.339E-12	-403.87E-6	8.0775E-9	
57	GH.4	56.57094	-44.62719	106.80000	-0.18625	106.78	-56.944E-12	-398.13E-6	7.9626E-9	
57	GH.4	56.66500	-45.10500	106.80000	-0.18072	106.78	-55.584E-12	-392.47E-6	7.8495E-9	
57	GH.4	56.75906	-45.58281	106.80000	-0.17530	106.78	-54.253E-12	-386.90E-6	7.7380E-9	
57	GH.4	56.85312	-46.06063	106.80000	-0.17001	106.78	-52.958E-12	-381.41E-6	7.6282E-9	
57	GH.4	56.94719	-46.53844	106.80000	-0.16483	106.78	-51.696E-12	-376.01E-6	7.5201E-9	
57	GH.4	57.04125	-47.01625	106.80000	-0.15976	106.78	-50.468E-12	-370.68E-6	7.4137E-9	
57	GH.4	57.13531	-47.49406	106.80000	-0.15481	106.78	-49.267E-12	-365.44E-6	7.3088E-9	
57	GH.4	57.22937	-47.97187	106.80000	-0.14997	106.78	-48.095E-12	-360.28E-6	7.2056E-9	
57	GH.4	57.32344	-48.44969	106.80000	-0.14523	106.78	-46.955E-12	-355.20E-6	7.1040E-9	
57	GH.4	57.41750	-48.92750	106.80000	-0.14060	106.78	-45.844E-12	-350.19E-6	7.0039E-9	
57	GH.4	57.51156	-49.40531	106.80000	-0.13608	106.78	-44.756E-12	-345.27E-6	6.9053E-9	
57	GH.4	57.60563	-49.88312	106.80000	-0.13166	106.78	-43.700E-12	-340.41E-6	6.8083E-9	
57	GH.4	57.69969	-50.36094	106.80000	-0.12734	106.78	-42.666E-12	-335.64E-6	6.7128E-9	
57	GH.4	57.79375	-50.83875	106.80000	-0.12313	106.78	-41.663E-12	-330.94E-6	6.6187E-9	
57	GH.4	57.88781	-51.31656	106.80000	-0.11901	106.78	-40.681E-12	-326.31E-6	6.5261E-9	
57	GH.4	57.98188	-51.79438	106.80000	-0.11498	106.78	-39.728E-12	-321.75E-6	6.4350E-9	
57	GH.4	58.07594	-52.27219	106.80000	-0.11105	106.78	-38.795E-12	-317.26E-6	6.3452E-9	
57	GH.4	58.17000	-52.75000	106.80000	-0.10722	106.78	-37.888E-12	-312.85E-6	6.2569E-9	
58	GH.5	58.17000	-52.75000	106.80000	-0.10722	106.78	-37.888E-12	-312.85E-6	6.2569E-9	
58	GH.5	57.81667	-52.28000	106.80000	-0.10715	106.78	-38.404E-12	-315.73E-6	6.3063E-9	
58	GH.5	57.46333	-52.93000	106.80000	-0.10711	106.78	-38.924E-12	-317.80E-6	6.3560E-9	
58	GH.5	57.11000	-53.02000	106.80000	-0.10709	106.78	-39.454E-12	-320.30E-6	6.4059E-9	
59	GH.6	57.11000	-53.02000	106.80000	-0.10709	106.78	-39.454E-12	-320.30E-6	6.4059E-9	
59	GH.6	57.20556	-53.48556	106.80000	-0.10384	106.78	-38.532E-12	-315.85E-6	6.3170E-9	
59	GH.6	57.30111	-53.95111	106.80000	-0.09988	106.78	-37.633E-12	-311.42E-6	6.2295E-9	
59	GH.6	57.39667	-54.41667	106.80000	-0.09640	106.78	-36.759E-12	-307.17E-6	6.1434E-9	
59	GH.6	57.49222	-54.88222	106.80000	-0.09300	106.78	-35.905E-12	-302.93E-6	6.0587E-9	
59	GH.6	57.58778	-55.34778	106.80000	-0.08968	106.78	-35.072E-12	-298.76E-6	5.9753E-9	
59	GH.6	57.68333	-55.81333	106.80000	-0.08644	106.78	-34.261E-12	-294.66E-6	5.8932E-9	
59	GH.6	57.77889	-56.27889	106.80000	-0.08327	106.78	-33.468E-12	-290.62E-6	5.8124E-9	
59	GH.6	57.87444	-56.74444	106.80000	-0.08019	106.78	-32.701E-12	-286.65E-6	5.7329E-9	
59	GH.6	57.97000	-57.21000	106.80000	-0.07717	106.78	-31.			

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term										Job No.	Sheet No.	Rev.		
										3244				
										Drg. Ref.				
Made by AC										Date	Checked			
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain					
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]					
62	GH.9	45.54737	-51.58421	106.80000	-0.15600	106.78	-75.342E-12	-466.37E-6	9.3275E-9					
62	GH.9	45.07789	-51.67737	106.80000	-0.15731	106.78	-76.828E-12	-471.62E-6	9.4323E-9					
62	GH.9	44.60842	-51.77053	106.80000	-0.15866	106.78	-78.336E-12	-476.90E-6	9.5379E-9					
62	GH.9	44.13895	-51.86368	106.80000	-0.16005	106.78	-79.870E-12	-482.21E-6	9.6442E-9					
62	GH.9	43.66947	-51.95684	106.80000	-0.16147	106.78	-81.429E-12	-487.56E-6	9.7512E-9					
62	GH.9	43.20000	-52.05000	106.80000	-0.16293	106.78	-83.009E-12	-492.95E-6	9.8589E-9					
63	27.BLR.1	5.43000	57.47000	106.80000	-0.29539	106.78	-328.65E-12	-0.0011057	22.114E-9					
63	27.BLR.1	4.93316	57.45395	106.80000	-0.29477	106.78	-332.23E-12	-0.0011128	22.255E-9					
63	27.BLR.1	4.43632	57.43789	106.80000	-0.29415	106.78	-335.71E-12	-0.0011196	22.392E-9					
63	27.BLR.1	3.93947	57.42184	106.80000	-0.29354	106.78	-339.10E-12	-0.0011262	22.525E-9					
63	27.BLR.1	3.44263	57.40579	106.80000	-0.29292	106.78	-342.39E-12	-0.0011326	22.653E-9					
63	27.BLR.1	2.94579	57.38974	106.80000	-0.29229	106.78	-345.58E-12	-0.0011388	22.776E-9					
63	27.BLR.1	2.44895	57.37368	106.80000	-0.29166	106.78	-348.66E-12	-0.0011448	22.895E-9					
63	27.BLR.1	1.95211	57.35763	106.80000	-0.29101	106.78	-351.62E-12	-0.0011505	23.009E-9					
63	27.BLR.1	1.45526	57.34158	106.80000	-0.29035	106.78	-354.46E-12	-0.0011559	23.119E-9					
63	27.BLR.1	0.95842	57.32553	106.80000	-0.28968	106.78	-357.18E-12	-0.0011611	23.223E-9					
63	27.BLR.1	0.46158	57.30947	106.80000	-0.28898	106.78	-359.78E-12	-0.0011661	23.321E-9					
63	27.BLR.1	-0.03526	57.29342	106.80000	-0.28825	106.78	-362.25E-12	-0.0011707	23.415E-9					
63	27.BLR.1	-0.53211	57.27737	106.80000	-0.28751	106.78	-364.58E-12	-0.0011751	23.503E-9					
63	27.BLR.1	-1.02895	57.26132	106.80000	-0.28673	106.78	-366.77E-12	-0.0011793	23.585E-9					
63	27.BLR.1	-1.52579	57.24526	106.80000	-0.28593	106.78	-368.82E-12	-0.0011831	23.662E-9					
63	27.BLR.1	-2.02263	57.22921	106.80000	-0.28509	106.78	-370.72E-12	-0.0011867	23.733E-9					
63	27.BLR.1	-2.51947	57.21316	106.80000	-0.28422	106.78	-372.48E-12	-0.0011899	23.799E-9					
63	27.BLR.1	-3.01632	57.19711	106.80000	-0.28331	106.78	-374.09E-12	-0.0011929	23.858E-9					
63	27.BLR.1	-3.51316	57.18105	106.80000	-0.28236	106.78	-375.54E-12	-0.0011956	23.912E-9					
63	27.BLR.1	-4.01000	57.16500	106.80000	-0.28138	106.78	-376.84E-12	-0.0011980	23.959E-9					
63	27.BLR.1	-4.50684	57.14895	106.80000	-0.28035	106.78	-377.98E-12	-0.0012000	24.001E-9					
63	27.BLR.1	-5.00368	57.13289	106.80000	-0.27929	106.78	-378.95E-12	-0.0012018	24.036E-9					
63	27.BLR.1	-5.50053	57.11684	106.80000	-0.27818	106.78	-379.77E-12	-0.0012032	24.065E-9					
63	27.BLR.1	-5.99737	57.10079	106.80000	-0.27702	106.78	-380.42E-12	-0.0012044	24.088E-9					
63	27.BLR.1	-6.49421	57.08474	106.80000	-0.27582	106.78	-380.91E-12	-0.0012052	24.104E-9					
63	27.BLR.1	-6.99105	57.06868	106.80000	-0.27457	106.78	-381.23E-12	-0.0012057	24.115E-9					
63	27.BLR.1	-7.48789	57.05263	106.80000	-0.27328	106.78	-381.39E-12	-0.0012059	24.119E-9					
63	27.BLR.1	-7.98474	57.03658	106.80000	-0.27194	106.78	-381.39E-12	-0.0012058	24.117E-9					
63	27.BLR.1	-8.48158	57.02053	106.80000	-0.27055	106.78	-381.21E-12	-0.0012054	24.108E-9					
63	27.BLR.1	-8.97842	57.00447	106.80000	-0.26911	106.78	-380.87E-12	-0.0012047	24.093E-9					
63	27.BLR.1	-9.47526	56.98842	106.80000	-0.26762	106.78	-380.37E-12	-0.0012036	24.072E-9					
63	27.BLR.1	-9.97211	56.97237	106.80000	-0.26609	106.78	-379.69E-12	-0.0012022	24.045E-9					
63	27.BLR.1	-10.46895	56.95632	106.80000	-0.26450	106.78	-378.86E-12	-0.0012006	24.011E-9					
63	27.BLR.1	-10.96579	56.94026	106.80000	-0.26287	106.78	-377.86E-12	-0.0011986	23.972E-9					
63	27.BLR.1	-11.46263	56.92421	106.80000	-0.26128	106.78	-376.70E-12	-0.0011963	23.926E-9					
63	27.BLR.1	-11.95947	56.90816	106.80000	-0.25945	106.78	-375.38E-12	-0.0011937	23.874E-9					
63	27.BLR.1	-12.45632	56.89211	106.80000	-0.25767	106.78	-373.91E-12	-0.0011908	23.816E-9					
63	27.BLR.1	-12.95316	56.87605	106.80000	-0.25584	106.78	-372.28E-12	-0.0011876	23.752E-9					
63	27.BLR.1	-13.45000	56.86000	106.80000	-0.25396	106.78	-370.49E-12	-0.0011841	23.682E-9					
64	27.BLR.2	5.43000	49.32000	106.80000	-0.49169	106.78	-783.25E-12	-0.0018188	36.376E-9					
64	27.BLR.2	5.43000	49.79941	106.80000	-0.47649	106.78	-740.74E-12	-0.0017619	35.238E-9					
64	27.BLR.2	5.43000	50.27882	106.80000	-0.46185	106.78	-701.00E-12	-0.0017074	34.149E-9					
64	27.BLR.2	5.43000	50.75824	106.80000	-0.44774	106.78	-663.82E-12	-0.0016552	33.104E-9					
64	27.BLR.2	5.43000	51.23765	106.80000	-0.43414	106.78	-629.01E-12	-0.0016051	32.101E-9					
64	27.BLR.2	5.43000	51.71706	106.80000	-0.42103	106.78	-596.39E-12	-0.0015570	31.140E-9					
64	27.BLR.2	5.43000	52.19647	106.80000	-0.40838	106.78	-565.80E-12	-0.0015108	30.216E-9					
64	27.BLR.2	5.43000	52.67588	106.80000	-0.39618	106.78	-537.10E-12	-0.0014664	29.329E-9					
64	27.BLR.2	5.43000	53.15529	106.80000	-0.38442	106.78	-510.14E-12	-0.0014238	28.476E-9					
64	27.BLR.2	5.43000	53.63471	106.80000	-0.37307	106.78	-484.81E-12	-0.0013828	27.657E-9					
64	27.BLR.2	5.43000	54.11412	106.80000	-0.36212	106.78	-460.99E-12	-0.0013434	26.869E-9					
64	27.BLR.2	5.43000	54.59353	106.80000	-0.35155	106.78	-438.57E-12	-0.0013055	26.110E-9					
64	27.BLR.2	5.43000	55.07294	106.80000	-0.34135	106.78	-417.46E-12	-0.0012690	25.381E-9					
64	27.BLR.2	5.43000	55.55235	106.80000	-0.33151	106.78	-397.57E-12	-0.0012339	24.678E-9					
64	27.BLR.2	5.43000	56.03176	106.80000	-0.32200	106.78	-378.82E-12	-0.0012001	24.001E-9					
64	27.BLR.2	5.43000	56.51118	106.80000	-0.31282	106.78	-361.13E-12	-0.0011674	23.349E-9					
64	27.BLR.2	5.43000	56.99059	106.80000	-0.30395	106.78	-344.43E-12	-0.0011360	22.720E-9					
64	27.BLR.2	5.43000	57.47000	106.80000	-0.29539	106.78	-328.65E-12	-0.0011057	22.114E-9					
65	27.BLR.3	3.28000	49.32000	106.80000	-0.49392	106.78	-823.87E-12	-0.0018743	37.486E-9					
65	27.BLR.3	3.71000	49.32000	106.80000	-0.49360	106.78	-816.24E-12	-0.0018640	37.279E-9					
65	27.BLR.3	4.14000	49.32000	106.80000	-0.49322	106.78	-808.18E-12	-0.0018532	37.064E-9					
65	27.BLR.3	4.57000	49.32000	106.80000	-0.49277	106.78	-800.23E-12	-0.0018421	36.842E-9					
65	27.BLR.3	5.00000	49.32000	106.80000	-0.49225	106.78	-791.85E-12	-0.0018306	36.612E-9					
65	27.BLR.3	5.43000	49.32000	106.80000	-0.49169	106.78	-783.25E-12	-0.0018188	36.376E-9					
66	27.BLR.4	3.26000	32.61000	106.80000	-1.73545	106.78	-11.596E-9	-0.0080558	161.11E-9					
66	27.BLR.4	3.26059	33.10147	106.80000	-1.66413	106.78	-10.421E-9	-0.0078613	152.66E-9					
66	27.BLR.4	3.26118	33.59294	106.80000	-1.59644	106.78	-9.3912E-9	-0.0072036	144.07E-9					
66	27.BLR.4	3.26176	34.08441	106.80000	-1.53213	106.78	-8.4853E-9	-0.0068242	136.48E-9					

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.	
						3244			
						Drg. Ref.			
						Made by AC	Date	Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
67	27.BLR.5	-0.64824	32.59353	106.80000	-1.79095	106.78	-13.194E-9	-0.0087897	175.79E-9
67	27.BLR.5	-0.15971	32.59559	106.80000	-1.78681	106.78	-13.038E-9	-0.0087172	174.34E-9
67	27.BLR.5	0.32882	32.59765	106.80000	-1.78185	106.78	-12.870E-9	-0.0086389	172.78E-9
67	27.BLR.5	0.81735	32.59971	106.80000	-1.77608	106.78	-12.688E-9	-0.0085549	171.10E-9
67	27.BLR.5	1.30588	32.60176	106.80000	-1.76951	106.78	-12.493E-9	-0.0084653	169.31E-9
67	27.BLR.5	1.79441	32.60382	106.80000	-1.76215	106.78	-12.287E-9	-0.0083705	167.41E-9
67	27.BLR.5	2.28294	32.60588	106.80000	-1.75401	106.78	-12.068E-9	-0.0082705	165.41E-9
67	27.BLR.5	2.77147	32.60794	106.80000	-1.74511	106.78	-11.838E-9	-0.0081655	163.31E-9
67	27.BLR.5	3.26000	32.61000	106.80000	-1.73545	106.78	-11.596E-9	-0.0080558	161.11E-9
68	27.BLR.6	-13.29000	42.10000	106.80000	-0.75096	106.78	-2.2371E-9	-0.0032936	65.872E-9
68	27.BLR.6	-13.29300	41.62200	106.80000	-0.77861	106.78	-2.4037E-9	-0.0034285	68.570E-9
68	27.BLR.6	-13.29600	41.14400	106.80000	-0.80739	106.78	-2.5857E-9	-0.0035711	71.421E-9
68	27.BLR.6	-13.29900	40.66600	106.80000	-0.83734	106.78	-2.7848E-9	-0.0037218	74.436E-9
68	27.BLR.6	-13.30200	40.18800	106.80000	-0.86853	106.78	-3.0032E-9	-0.0038814	77.627E-9
68	27.BLR.6	-13.30500	39.71000	106.80000	-0.90103	106.78	-3.2429E-9	-0.0040504	81.008E-9
68	27.BLR.6	-13.30800	39.23200	106.80000	-0.93489	106.78	-3.5065E-9	-0.0042297	84.593E-9
68	27.BLR.6	-13.31100	38.75400	106.80000	-0.97019	106.78	-3.7970E-9	-0.0044199	88.399E-9
68	27.BLR.6	-13.31400	38.27600	106.80000	-1.00701	106.78	-4.1176E-9	-0.0046221	92.442E-9
68	27.BLR.6	-13.31700	37.79800	106.80000	-1.04542	106.78	-4.4723E-9	-0.0048372	96.744E-9
68	27.BLR.6	-13.32000	37.32000	106.80000	-1.08551	106.78	-4.8653E-9	-0.0050663	101.33E-9
68	27.BLR.6	-13.32300	36.84200	106.80000	-1.12737	106.78	-5.3018E-9	-0.0053105	106.21E-9
68	27.BLR.6	-13.32600	36.36400	106.80000	-1.17110	106.78	-5.7877E-9	-0.0055712	111.42E-9
68	27.BLR.6	-13.32900	35.88600	106.80000	-1.21681	106.78	-6.3297E-9	-0.0058498	117.00E-9
68	27.BLR.6	-13.33200	35.40800	106.80000	-1.26460	106.78	-6.9360E-9	-0.0061480	122.96E-9
68	27.BLR.6	-13.33500	34.93000	106.80000	-1.31461	106.78	-7.6159E-9	-0.0064677	129.35E-9
68	27.BLR.6	-13.33800	34.45200	106.80000	-1.36697	106.78	-8.3803E-9	-0.0068107	136.21E-9
68	27.BLR.6	-13.34100	33.97400	106.80000	-1.42181	106.78	-9.2422E-9	-0.0071795	143.59E-9
68	27.BLR.6	-13.34400	33.49600	106.80000	-1.47930	106.78	-10.217E-9	-0.0075766	151.53E-9
68	27.BLR.6	-13.34700	33.01800	106.80000	-1.53959	106.78	-11.323E-9	-0.0080048	160.10E-9
68	27.BLR.6	-13.35000	32.54000	106.80000	-1.60288	106.78	-12.582E-9	-0.0084676	169.35E-9
69	27.BLR.7	-11.75000	42.04000	106.80000	-0.77399	106.78	-2.3301E-9	-0.0033770	67.540E-9
69	27.BLR.7	-12.13500	42.05500	106.80000	-0.76843	106.78	-2.3081E-9	-0.0033574	67.147E-9
69	27.BLR.7	-12.52000	42.07000	106.80000	-0.76273	106.78	-2.2852E-9	-0.0033369	66.738E-9
69	27.BLR.7	-12.90500	42.08500	106.80000	-0.75691	106.78	-2.2616E-9	-0.0033156	66.313E-9
69	27.BLR.7	-13.29000	42.10000	106.80000	-0.75096	106.78	-2.2371E-9	-0.0032936	65.872E-9
70	27.BLR.8	-11.65000	51.49000	106.80000	-0.38546	106.78	-675.80E-12	-0.0016739	33.478E-9
70	27.BLR.8	-11.65526	50.99263	106.80000	-0.39958	106.78	-715.77E-12	-0.0017299	34.598E-9
70	27.BLR.8	-11.66053	50.49526	106.80000	-0.41425	106.78	-758.66E-12	-0.0017884	35.769E-9
70	27.BLR.8	-11.66579	49.99789	106.80000	-0.42947	106.78	-804.72E-12	-0.0018497	36.994E-9
70	27.BLR.8	-11.67105	49.50053	106.80000	-0.44528	106.78	-854.22E-12	-0.0019138	38.276E-9
70	27.BLR.8	-11.67632	49.00316	106.80000	-0.46171	106.78	-907.48E-12	-0.0019801	39.620E-9
70	27.BLR.8	-11.68158	48.50579	106.80000	-0.47877	106.78	-964.83E-12	-0.0020514	41.028E-9
70	27.BLR.8	-11.68684	48.00842	106.80000	-0.49650	106.78	-1.0266E-9	-0.0021252	42.505E-9
70	27.BLR.8	-11.69211	47.51105	106.80000	-0.51492	106.78	-1.0934E-9	-0.0022027	44.054E-9
70	27.BLR.8	-11.69737	47.01368	106.80000	-0.53408	106.78	-1.1654E-9	-0.0022841	45.681E-9
70	27.BLR.8	-11.70263	46.51632	106.80000	-0.55399	106.78	-1.2434E-9	-0.0023695	47.391E-9
70	27.BLR.8	-11.70789	46.01895	106.80000	-0.57470	106.78	-1.3277E-9	-0.0024594	49.188E-9
70	27.BLR.8	-11.71316	45.52158	106.80000	-0.59625	106.78	-1.4192E-9	-0.0025540	51.079E-9
70	27.BLR.8	-11.71842	45.02421	106.80000	-0.61867	106.78	-1.5184E-9	-0.0026535	53.070E-9
70	27.BLR.8	-11.72368	44.52684	106.80000	-0.64200	106.78	-1.6263E-9	-0.0027584	55.168E-9
70	27.BLR.8	-11.72895	44.02947	106.80000	-0.66629	106.78	-1.7436E-9	-0.0028690	57.380E-9
70	27.BLR.8	-11.73421	43.53211	106.80000	-0.69158	106.78	-1.8715E-9	-0.0029857	59.714E-9
70	27.BLR.8	-11.73947	43.03474	106.80000	-0.71793	106.78	-2.0110E-9	-0.0031090	62.179E-9
70	27.BLR.8	-11.74474	42.53737	106.80000	-0.74538	106.78	-2.1634E-9	-0.0032392	64.784E-9
70	27.BLR.8	-11.75000	42.04000	106.80000	-0.77399	106.78	-2.3301E-9	-0.0033770	67.540E-9
71	27.BLR.9	-13.52000	51.57000	106.80000	-0.37209	106.78	-651.86E-12	-0.0016381	32.762E-9
71	27.BLR.9	-13.05250	51.55000	106.80000	-0.37553	106.78	-658.20E-12	-0.0016476	32.952E-9
71	27.BLR.9	-12.58500	51.53000	106.80000	-0.37891	106.78	-664.31E-12	-0.0016568	33.136E-9
71	27.BLR.9	-12.11750	51.51000	106.80000	-0.38222	106.78	-670.18E-12	-0.0016655	33.311E-9
71	27.BLR.9	-11.65000	51.49000	106.80000	-0.38546	106.78	-675.80E-12	-0.0016739	33.478E-9
72	27.BLR.10	-13.45000	56.86000	106.80000	-0.25396	106.78	-370.49E-12	-0.0018497	23.682E-9
72	27.BLR.10	-13.45636	56.37909	106.80000	-0.26293	106.78	-388.96E-12	-0.0012178	24.356E-9
72	27.BLR.10	-13.46273	55.89818	106.80000	-0.27223	106.78	-408.56E-12	-0.0012528	25.055E-9
72	27.BLR.10	-13.46909	55.41727	106.80000	-0.28184	106.78	-429.36E-12	-0.0012891	25.782E-9
72	27.BLR.10	-13.47545	54.93636	106.80000	-0.29179	106.78	-451.46E-12	-0.0013269	26.537E-9
72	27.BLR.10	-13.48182	54.45545	106.80000	-0.30210	106.78	-474.96E-12	-0.0013648	27.323E-9
72	27.BLR.10	-13.48818	53.97455	106.80000	-0.31277	106.78	-499.96E-12	-0.0014070	28.140E-9
72	27.BLR.10	-13.49455	53.49364	106.80000	-0.32381	106.78	-526.58E-12	-0.0014495	28.990E-9
72	27.BLR.10	-13.50091	53.01273	106.80000	-0.33525	106.78	-554.93E-12	-0.0014938	29.876E-9
72	27.BLR.10	-13.50727	52.53182	106.80000	-0.34710	106.78	-585.17E-12	-0.0015399	30.798E-9
72	27.BLR.10	-13.51364	52.05091	106.80000	-0.35938	106.78	-617.42E-12	-0.0015880	31.759E-9
72	27.BLR.10	-13.52000	51.57000	106.80000	-0.37209	106.78	-651.86E-12	-0.0016381	32.762E-9
73	25.BLR.1	-5.31000	78.65000	106.80000	-0.06300	106.78	-62.574E-12	-420.75E-6	8.4150E-9</

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.	
						3244			
						Drg. Ref.			
						Made by AC	Date	Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[MOD]	[mm]	[MOD]	[kN/m²]	[kN/m²]	[µ]
76	25.BLR.4	5.96400	63.43200	106.80000	-0.21172	106.78	-188.49E-12	-801.34E-6	16.027E-9
76	25.BLR.4	5.95667	62.94500	106.80000	-0.21737	106.78	-196.66E-12	-821.33E-6	16.426E-9
76	25.BLR.4	5.94933	62.45800	106.80000	-0.22322	106.78	-205.26E-12	-841.99E-6	16.840E-9
76	25.BLR.4	5.94200	61.97100	106.80000	-0.22926	106.78	-214.32E-12	-863.35E-6	17.267E-9
76	25.BLR.4	5.93467	61.48400	106.80000	-0.23552	106.78	-223.87E-12	-885.45E-6	17.709E-9
76	25.BLR.4	5.92733	60.99700	106.80000	-0.24199	106.78	-233.94E-12	-908.32E-6	18.166E-9
76	25.BLR.4	5.92000	60.51000	106.80000	-0.24869	106.78	-244.56E-12	-931.98E-6	18.640E-9
77	25.BLR.5	5.92000	60.51000	106.80000	-0.24869	106.78	-244.56E-12	-931.98E-6	18.640E-9
77	25.BLR.5	60.51857	106.80000	-0.24729	106.78	-246.49E-12	-936.33E-6	18.727E-9	
77	25.BLR.5	4.92571	60.52714	106.80000	-0.24591	106.78	-248.36E-12	-940.50E-6	18.810E-9
77	25.BLR.5	4.2857	60.53571	106.80000	-0.24455	106.78	-250.15E-12	-944.48E-6	18.890E-9
77	25.BLR.5	3.93143	60.54429	106.80000	-0.24320	106.78	-251.86E-12	-948.28E-6	18.966E-9
77	25.BLR.5	3.43429	60.55286	106.80000	-0.24186	106.78	-253.49E-12	-951.89E-6	19.038E-9
77	25.BLR.5	2.93714	60.56143	106.80000	-0.24052	106.78	-255.03E-12	-955.31E-6	19.106E-9
77	25.BLR.5	2.44000	60.57000	106.80000	-0.23920	106.78	-256.49E-12	-958.53E-6	19.171E-9
78	25.BLR.6	2.44000	60.57000	106.80000	-0.23920	106.78	-256.49E-12	-958.53E-6	19.171E-9
78	25.BLR.6	2.44667	60.90667	106.80000	-0.23435	106.78	-248.59E-12	-941.30E-6	18.826E-9
78	25.BLR.6	2.45333	61.24333	106.80000	-0.22962	106.78	-240.97E-12	-924.48E-6	18.490E-9
78	25.BLR.6	2.46000	61.58000	106.80000	-0.22501	106.78	-233.64E-12	-908.06E-6	18.161E-9
79	25.BLR.7	2.46000	61.58000	106.80000	-0.22501	106.78	-233.64E-12	-908.06E-6	18.161E-9
79	25.BLR.7	1.97300	61.58750	106.80000	-0.22366	106.78	-234.85E-12	-910.81E-6	18.216E-9
79	25.BLR.7	1.48600	61.59500	106.80000	-0.22233	106.78	-235.98E-12	-913.39E-6	18.268E-9
79	25.BLR.7	0.99900	61.60250	106.80000	-0.22099	106.78	-237.03E-12	-915.74E-6	18.316E-9
79	25.BLR.7	0.51200	61.61000	106.80000	-0.21966	106.78	-238.00E-12	-917.98E-6	18.360E-9
79	25.BLR.7	0.02500	61.61750	106.80000	-0.21833	106.78	-238.89E-12	-920.01E-6	18.400E-9
79	25.BLR.7	-0.46200	61.62500	106.80000	-0.21700	106.78	-239.71E-12	-921.84E-6	18.437E-9
79	25.BLR.7	-0.94900	61.63250	106.80000	-0.21566	106.78	-240.44E-12	-923.49E-6	18.470E-9
79	25.BLR.7	-1.43600	61.64000	106.80000	-0.21432	106.78	-241.04E-12	-924.94E-6	18.499E-9
79	25.BLR.7	-1.92300	61.64750	106.80000	-0.21297	106.78	-241.65E-12	-926.20E-6	18.524E-9
79	25.BLR.7	-2.41000	61.65500	106.80000	-0.21162	106.78	-242.13E-12	-927.27E-6	18.545E-9
79	25.BLR.7	-2.89700	61.66250	106.80000	-0.21025	106.78	-242.52E-12	-928.14E-6	18.563E-9
79	25.BLR.7	-3.38400	61.67000	106.80000	-0.20888	106.78	-242.83E-12	-928.82E-6	18.576E-9
79	25.BLR.7	-3.87100	61.67750	106.80000	-0.20749	106.78	-243.05E-12	-929.30E-6	18.586E-9
79	25.BLR.7	-4.35800	61.68500	106.80000	-0.20609	106.78	-243.19E-12	-929.58E-6	18.592E-9
79	25.BLR.7	-4.84500	61.69250	106.80000	-0.20468	106.78	-243.24E-12	-929.66E-6	18.593E-9
79	25.BLR.7	-5.33200	61.70000	106.80000	-0.20325	106.78	-243.20E-12	-929.55E-6	18.591E-9
79	25.BLR.7	-5.81900	61.70750	106.80000	-0.20181	106.78	-243.08E-12	-929.24E-6	18.585E-9
79	25.BLR.7	-6.30600	61.71500	106.80000	-0.20035	106.78	-242.86E-12	-928.73E-6	18.575E-9
79	25.BLR.7	-6.79300	61.72250	106.80000	-0.19887	106.78	-242.57E-12	-928.03E-6	18.561E-9
79	25.BLR.7	-7.28000	61.73000	106.80000	-0.19738	106.78	-242.18E-12	-927.13E-6	18.543E-9
80	25.BLR.8	-7.28000	61.73000	106.80000	-0.19738	106.78	-242.18E-12	-927.13E-6	18.543E-9
80	25.BLR.8	-7.27250	62.21917	106.80000	-0.19076	106.78	-231.50E-12	-903.18E-6	18.064E-9
80	25.BLR.8	-7.25750	62.70833	106.80000	-0.18437	106.78	-221.39E-12	-880.05E-6	17.601E-9
80	25.BLR.8	-7.25750	63.19750	106.80000	-0.17819	106.78	-211.81E-12	-857.72E-6	17.154E-9
80	25.BLR.8	-7.25000	63.68667	106.80000	-0.17222	106.78	-202.73E-12	-836.14E-6	16.723E-9
80	25.BLR.8	-7.24250	64.17583	106.80000	-0.16644	106.78	-194.11E-12	-815.29E-6	16.306E-9
80	25.BLR.8	-7.23500	64.66500	106.80000	-0.16086	106.78	-185.93E-12	-795.13E-6	15.903E-9
80	25.BLR.8	-7.22750	65.15417	106.80000	-0.15547	106.78	-178.17E-12	-775.64E-6	15.513E-9
80	25.BLR.8	-7.22000	65.64333	106.80000	-0.15025	106.78	-170.79E-12	-756.79E-6	15.136E-9
80	25.BLR.8	-7.21250	66.13250	106.80000	-0.14520	106.78	-163.79E-12	-738.55E-6	14.771E-9
80	25.BLR.8	-7.20500	66.62167	106.80000	-0.14032	106.78	-157.13E-12	-720.89E-6	14.418E-9
80	25.BLR.8	-7.19750	67.10833	106.80000	-0.13560	106.78	-150.79E-12	-703.80E-6	14.076E-9
80	25.BLR.8	-7.19000	67.60000	106.80000	-0.13104	106.78	-144.76E-12	-687.26E-6	13.745E-9
81	25.BLR.9	-7.19000	67.60000	106.80000	-0.13104	106.78	-144.76E-12	-687.26E-6	13.745E-9
81	25.BLR.9	-6.75000	67.60750	106.80000	-0.13211	106.78	-144.76E-12	-687.29E-6	13.746E-9
81	25.BLR.9	-6.31000	67.61500	106.80000	-0.13318	106.78	-144.73E-12	-687.22E-6	13.744E-9
81	25.BLR.9	-5.87000	67.62250	106.80000	-0.13426	106.78	-144.66E-12	-687.05E-6	13.741E-9
81	25.BLR.9	-5.43000	67.63000	106.80000	-0.13535	106.78	-144.56E-12	-686.79E-6	13.736E-9
82	25.BLR.10	-5.43000	67.63000	106.80000	-0.13535	106.78	-144.56E-12	-686.79E-6	13.736E-9
82	25.BLR.10	-5.42478	68.10913	106.80000	-0.13100	106.78	-138.94E-12	-671.09E-6	13.422E-9
82	25.BLR.10	-5.41957	68.59826	106.80000	-0.12679	106.78	-133.58E-12	-655.87E-6	13.117E-9
82	25.BLR.10	-5.41435	69.06739	106.80000	-0.12271	106.78	-128.47E-12	-641.11E-6	12.822E-9
82	25.BLR.10	-5.40913	69.54652	106.80000	-0.11876	106.78	-123.60E-12	-626.80E-6	12.536E-9
82	25.BLR.10	-5.40391	70.02565	106.80000	-0.11494	106.78	-118.95E-12	-612.91E-6	12.258E-9
82	25.BLR.10	-5.39870	70.50478	106.80000	-0.11123	106.78	-114.51E-12	-599.44E-6	11.989E-9
82	25.BLR.10	-5.39348	70.98391	106.80000	-0.10764	106.78	-110.27E-12	-586.36E-6	11.727E-9
82	25.BLR.10	-5.38826	71.46304	106.80000	-0.10417	106.78	-106.21E-12	-573.66E-6	11.473E-9
82	25.BLR.10	-5.38304	71.94217	106.80000	-0.10079	106.78	-102.34E-12	-561.33E-6	11.226E-9
82	25.BLR.10	-5.37783	72.42130	106.80000	-0.09753	106.78	-98.631E-12	-549.35E-6	10.987E-9
82	25.BLR.10	-5.37261	72.90043	106.80000	-0.09436	106.78	-95.093E-12	-537.71E-6	10.754E-9
82	25.BLR.10	-5.36739	73.37957	106.80000	-0.09129	106.78	-91.699E-12	-526.41E-6	10.528E-9
82	25.BLR.10	-5.36217	73.85870	106.80000	-0.08831	106.78	-88.456E-12	-515.42E-6	10.308E-9
82	25.BLR.10	-5.35696	74.33783	106.80000	-0.08542	106.78	-85.344E-12	-504.73E-6	10.095E-9
82	25.BLR.10	-5.35174	74.81696	106.80000	-0.08262	106.78	-82.369E-12	-494.35E-6	9.8869E-9
82	25.BLR.10	-5.34652	75.29609	106.80000	-0.07990	106.78	-79.516E-12	-484.24E-6	9.6849E-9
82	25.BLR.10	-5.34130	75.77522	106.80000	-0.07727	106.78	-76.781E-12	-474.42E-6	9.4884E-9
82	25.BLR.10	-5.33609	76.25435	106.80000	-0.07471	106.78	-74.164E-12	-464.36E-6	9.2972E-9
82	25.BLR.10	-5.33087	76.73348	106.80000	-0.07223	106.78	-71.651E-12	-455.56E-6	9.1111E-9
82	25.BLR.10	-5.32565	77.21261	106.80000	-0.06982	106.78	-69.238E-12	-446.50E-6	8.9301E-9
82	25.BLR.10	-5.32043	77.69174	106.80000	-0.06748	106.78	-66.926E-12	-437.69E-6	8.7538E-9
82	25.BLR.10	-5.31522	78.17087	106.80000	-0.06521	106.78	-64.706E-12	-429.11E-6	8.5822E-9
82	25.BLR.10	-5.31000	78.65000	106.80000	-0.06300	106.78	-62.574E-12	-420.75E-6	8.4159E-9
83	23.BLR.1	15.72000	105.18000	106.80000	-0.06947	106.78	-11.729E-12	-156.75E-6	3.1349E-9
83	23.BLR.1	15.23711	105.27132	106.80000	-0.06639	106.78	-11.733E-12	-156.78E-6	3.1356E-9
83	23.BLR.1	14.75421	105.36263	106.80000	-0.06340	106.78	-11.736E-12	-156.81E-6	3.1361E-9
83	23.BLR.1	14.27132	105.45395	106.80000	-0.06050	106.78	-11.740E-12	-156.82E-6	3.1364E-9
83	23.BLR.1	13.78842	105.54526	106.80000	-0.05770	106.78	-11.739E-12	-156.83E-6	3.1365E-9
83	23								

Oasys
Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
84	23.BLR.2	11.77525	90.49375	106.80000	-0.08863	106.78	-26.412E-12	-253.32E-6	5.0664E-9
84	23.BLR.2	11.90250	90.96750	106.80000	-0.08796	106.78	-25.673E-12	-249.11E-6	4.9821E-9
84	23.BLR.2	12.02975	91.44125	106.80000	-0.08729	106.78	-24.958E-12	-244.99E-6	4.8997E-9
84	23.BLR.2	12.15700	91.91500	106.80000	-0.08664	106.78	-24.267E-12	-240.96E-6	4.8191E-9
84	23.BLR.2	12.28425	92.38875	106.80000	-0.08600	106.78	-23.596E-12	-237.02E-6	4.7403E-9
84	23.BLR.2	12.41150	92.86250	106.80000	-0.08536	106.78	-22.951E-12	-233.16E-6	4.6632E-9
84	23.BLR.2	12.53875	93.33625	106.80000	-0.08473	106.78	-22.327E-12	-229.39E-6	4.5878E-9
84	23.BLR.2	12.66600	93.81000	106.80000	-0.08411	106.78	-21.721E-12	-225.70E-6	4.5140E-9
84	23.BLR.2	12.79325	94.28375	106.80000	-0.08349	106.78	-21.136E-12	-222.09E-6	4.4418E-9
84	23.BLR.2	12.92050	94.75750	106.80000	-0.08288	106.78	-20.569E-12	-218.56E-6	4.3711E-9
84	23.BLR.2	13.04775	95.23125	106.80000	-0.08227	106.78	-20.024E-12	-215.10E-6	4.3020E-9
84	23.BLR.2	13.17500	95.70500	106.80000	-0.08167	106.78	-19.492E-12	-211.71E-6	4.2342E-9
84	23.BLR.2	13.30225	96.17875	106.80000	-0.08107	106.78	-18.976E-12	-208.40E-6	4.1679E-9
84	23.BLR.2	13.42950	96.65250	106.80000	-0.08047	106.78	-18.483E-12	-205.15E-6	4.1030E-9
84	23.BLR.2	13.55675	97.12625	106.80000	-0.07987	106.78	-18.000E-12	-201.97E-6	4.0395E-9
84	23.BLR.2	13.68400	97.60000	106.80000	-0.07927	106.78	-17.533E-12	-198.86E-6	3.9772E-9
84	23.BLR.2	13.81125	98.07375	106.80000	-0.07867	106.78	-17.083E-12	-195.81E-6	3.9162E-9
84	23.BLR.2	13.93850	98.54750	106.80000	-0.07807	106.78	-16.643E-12	-192.83E-6	3.8565E-9
84	23.BLR.2	14.06575	99.02125	106.80000	-0.07747	106.78	-16.218E-12	-189.90E-6	3.7980E-9
84	23.BLR.2	14.19300	99.49500	106.80000	-0.07687	106.78	-15.805E-12	-187.03E-6	3.7407E-9
84	23.BLR.2	14.32025	99.96875	106.80000	-0.07627	106.78	-15.408E-12	-184.22E-6	3.6845E-9
84	23.BLR.2	14.44750	100.44250	106.80000	-0.07567	106.78	-15.021E-12	-181.47E-6	3.6294E-9
84	23.BLR.2	14.57475	100.91625	106.80000	-0.07506	106.78	-14.646E-12	-178.77E-6	3.5755E-9
84	23.BLR.2	14.70200	101.39000	106.80000	-0.07446	106.78	-14.281E-12	-176.13E-6	3.5226E-9
84	23.BLR.2	14.82925	101.86375	106.80000	-0.07384	106.78	-13.928E-12	-173.54E-6	3.4707E-9
84	23.BLR.2	14.95650	102.33750	106.80000	-0.07324	106.78	-13.584E-12	-171.00E-6	3.4193E-9
84	23.BLR.2	15.08375	102.81125	106.80000	-0.07261	106.78	-13.252E-12	-168.50E-6	3.3701E-9
84	23.BLR.2	15.21100	103.28500	106.80000	-0.07199	106.78	-12.928E-12	-166.06E-6	3.3212E-9
84	23.BLR.2	15.33825	103.75875	106.80000	-0.07137	106.78	-12.617E-12	-163.66E-6	3.2733E-9
84	23.BLR.2	15.46550	104.23250	106.80000	-0.07074	106.78	-12.309E-12	-161.31E-6	3.2263E-9
84	23.BLR.2	15.59275	104.70625	106.80000	-0.07013	106.78	-12.015E-12	-159.01E-6	3.1802E-9
84	23.BLR.2	15.72000	105.18000	106.80000	-0.06947	106.78	-11.729E-12	-156.75E-6	3.1349E-9
85	23.BLR.3	8.99000	86.58000	106.80000	-0.08490	106.78	-34.277E-12	-295.41E-6	5.9081E-9
85	23.BLR.3	9.40000	86.49250	106.80000	-0.08742	106.78	-34.306E-12	-295.56E-6	5.9113E-9
85	23.BLR.3	9.81000	86.40500	106.80000	-0.09000	106.78	-34.337E-12	-295.70E-6	5.9140E-9
85	23.BLR.3	10.22000	86.31750	106.80000	-0.09261	106.78	-34.369E-12	-295.82E-6	5.9163E-9
85	23.BLR.3	10.63000	86.23000	106.80000	-0.09538	106.78	-34.373E-12	-295.91E-6	5.9182E-9
86	23.BLR.4	7.56000	79.23000	106.80000	-0.10515	106.78	-55.606E-12	-392.66E-6	7.8532E-9
86	23.BLR.4	7.65533	79.72000	106.80000	-0.10350	106.78	-53.758E-12	-384.94E-6	7.6988E-9
86	23.BLR.4	7.75067	80.21000	106.80000	-0.10190	106.78	-51.979E-12	-377.42E-6	7.5484E-9
86	23.BLR.4	7.84600	80.70000	106.80000	-0.10035	106.78	-50.274E-12	-370.59E-6	7.4019E-9
86	23.BLR.4	7.94133	81.19000	106.80000	-0.09885	106.78	-48.638E-12	-362.96E-6	7.2592E-9
86	23.BLR.4	8.03667	81.68000	106.80000	-0.09739	106.78	-47.065E-12	-356.01E-6	7.1202E-9
86	23.BLR.4	8.13200	82.17000	106.80000	-0.09598	106.78	-45.554E-12	-349.24E-6	6.9847E-9
86	23.BLR.4	8.22733	82.66000	106.80000	-0.09461	106.78	-44.098E-12	-342.64E-6	6.8527E-9
86	23.BLR.4	8.32267	83.15000	106.80000	-0.09326	106.78	-42.705E-12	-336.19E-6	6.7240E-9
86	23.BLR.4	8.41800	83.64000	106.80000	-0.09198	106.78	-41.354E-12	-329.93E-6	6.5986E-9
86	23.BLR.4	8.51333	84.13000	106.80000	-0.09072	106.78	-40.060E-12	-323.81E-6	6.4762E-9
86	23.BLR.4	8.60867	84.62000	106.80000	-0.08950	106.78	-38.814E-12	-317.85E-6	6.3569E-9
86	23.BLR.4	8.70400	85.11000	106.80000	-0.08830	106.78	-37.617E-12	-312.03E-6	6.2405E-9
86	23.BLR.4	8.79933	85.60000	106.80000	-0.08714	106.78	-36.461E-12	-306.35E-6	6.1270E-9
86	23.BLR.4	8.89467	86.09000	106.80000	-0.08600	106.78	-35.349E-12	-300.81E-6	6.0162E-9
86	23.BLR.4	8.99000	86.58000	106.80000	-0.08490	106.78	-34.277E-12	-295.41E-6	5.9081E-9
87	23.BLR.5	-3.85000	80.93000	106.80000	-0.05693	106.78	-53.443E-12	-383.54E-6	7.6708E-9
87	23.BLR.5	-3.37458	80.85917	106.80000	-0.05846	106.78	-53.651E-12	-384.43E-6	7.6885E-9
87	23.BLR.5	-2.89917	80.78933	106.80000	-0.06002	106.78	-53.951E-12	-385.27E-6	7.7055E-9
87	23.BLR.5	-2.42375	80.71750	106.80000	-0.06161	106.78	-54.041E-12	-386.08E-6	7.7216E-9
87	23.BLR.5	-1.94833	80.64667	106.80000	-0.06324	106.78	-54.219E-12	-386.84E-6	7.7368E-9
87	23.BLR.5	-1.47292	80.57583	106.80000	-0.06490	106.78	-54.392E-12	-387.56E-6	7.7512E-9
87	23.BLR.5	-0.99750	80.50500	106.80000	-0.06660	106.78	-54.550E-12	-388.24E-6	7.7647E-9
87	23.BLR.5	-0.52208	80.43417	106.80000	-0.06833	106.78	-54.702E-12	-388.87E-6	7.7773E-9
87	23.BLR.5	-0.04667	80.36333	106.80000	-0.07011	106.78	-54.840E-12	-389.46E-6	7.7891E-9
87	23.BLR.5	0.42875	80.29250	106.80000	-0.07192	106.78	-54.967E-12	-390.00E-6	7.8000E-9
87	23.BLR.5	0.90417	80.22167	106.80000	-0.07378	106.78	-55.088E-12	-390.50E-6	7.8099E-9
87	23.BLR.5	1.37958	80.15083	106.80000	-0.07568	106.78	-55.199E-12	-390.95E-6	7.8190E-9
87	23.BLR.5	1.85500	80.08000	106.80000	-0.07762	106.78	-55.299E-12	-391.36E-6	7.8272E-9
87	23.BLR.5	2.33042	80.00917	106.80000	-0.07961	106.78	-55.382E-12	-391.72E-6	7.8344E-9
87	23.BLR.5	2.80583	79.93833	106.80000	-0.08165	106.78	-55.458E-12	-392.04E-6	7.8408E-9
87	23.BLR.5	3.28125	79.86750	106.80000	-0.08374	106.78	-55.520E-12	-392.31E-6	7.8462E-9
87	23.BLR.5	3.75667	79.79667	106.80000	-0.08589	106.78	-55.576E-12	-392.53E-6	7.8507E-9
87	23.BLR.5	4.23208	79.72583	106.80000	-0.08808	106.78	-55.629E-12	-392.71E-6	7.8542E-9
87	23.BLR.5	4.70750	79.65500	106.80000	-0.09034	106.78	-55.648E-12	-392.84E-6	7.8569E-9
87	23.BLR.5	5.18292	79.58417	106.80000	-0.09265	106.78	-55.669E-12	-392.93E-6	7.8586E-9
87	23.BLR.5	5.65833	79.51333	106.80000	-0.09502	106.78	-55.678E-12	-392.97E-6	7.8594E-9
87	23.BLR.5	6.13375	79.44250	106.80000	-0.09745	106.78	-55.677E-12	-392.96E-6	7.8592E-9
87	23.BLR.5	6.60917	79.37167	106.80000	-0.09995	106.78	-55.665E-12	-392.91E-6	7.8583E-9
87	23.BLR.5	7.08458	79.30083	106.80000	-0.10252	106.78	-55.638E-12	-392.81E-6	7.8561E-9
87	23.BLR.5	7.56000	79.23000	106.80000	-0.10515	106.78	-55.607E-12	-392.66E-6	7.8532E-9
88	23.BLR.6	-0.21000	103.06000	106.80000	-0.01210	106.78	-14.476E-12	-177.48E-6	3.5497E-9
88	23.BLR.6	-0.29089	102.56822	106.80000	-0.01267	106.78	-14.849E-12	-180.19E-6	3.6037E-9
88	23.BLR.6	-0.37178	102.07644	106.80000	-0.01325	106.78	-15.229E-12	-182.95E-6	3.6589E-9
88	23.BLR.6	-0.45267	101.58467	106.80000	-0.01384	106.78	-15.630E-12	-185.76E-6	3.7152E-9
88	23.BLR.6	-0.53356	101.09289	106.80000	-0.01444	106.78	-16.046E-12	-188.64E-6	3.7727E-9
88	23.BLR.6	-0.61444	100.60111	106.80000	-0.01505	106.78	-16.469E-12	-191.57E-6	3.8314E-9
88	23.BLR.6	-0.69533	100.10933	106.80000	-0.01567	106.78	-16.906E-12	-194.57E-6	3.8913E-9
88	23.BLR.6	-0.77622	99.61756	106.80000	-0.01631	106.78	-17.358E-12	-197.69E-6	3.9525E-9
88	23.BLR.6	-0.85711	99.12578	106.80000	-0.01696	106.78	-17.824E-12	-200.75E-6	4.0149E-9
88	23.BLR.6	-0.93800	98.63400	106.80000	-0.01762	106.78	-18.302E-12	-203.94E-6	4.0787E-9
88	23.BLR.6	-1.01889	98.14222	106.80000	-0.01829	106.78	-18.803E-12	-207.19E-6	4.1439E-9
88	23.BLR.6	-1.09978	97.65044	106.80000	-0.01898	106.78	-19.317E-12	-210.52E-6	4.2104E-9
88	23.BLR.6	-1.18067	97.15867	106.80000	-0.01968	106.78	-19.845E-12	-213.92E-6	4.2784E-9
88	23.BLR.6	-1.26156	96.66689	106.80000	-0.02041	106.78	-20.394E-12	-217.39E-6	4.3479E-9
88	23.BLR.6	-1.34244	96.17511	106.80000	-0.02114	106.78	-20.961E-12	-220.94E-6	4.4188E-9
88	23.BLR.6	-1.42333	95.68333	106.80000	-0.02190	106.78	-21.546E-12	-224.57E-6</	

Oasys										Job No.	Sheet No.	Rev.
Highgate Junior School Sports Hall										3244		
Unloading and Loading Long Term										Drg. Ref.		
										Made by	Date	Checked
										AC		
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain			
		[m]	[m]	[MOD]	[mm]	[MOD]	[kN/m²]	[kN/m²]	[µ]			
89	23.BLR.7	-0.69000	103.15429	106.80000	-0.01084	106.78	-14.422E-12	-177.11E-6	3.5421E-9			
89	23.BLR.7	-0.21000	103.06000	106.80000	-0.01210	106.78	-14.476E-12	-177.48E-6	3.5497E-9			
90	23.BLR.8	-2.63000	108.65000	106.80000	0.00038	106.78	-11.005E-12	-150.87E-6	3.0173E-9			
90	23.BLR.8	-2.71545	108.20182	106.80000	0.00001	106.78	-11.245E-12	-152.84E-6	3.0568E-9			
90	23.BLR.8	-2.80091	107.75364	106.80000	-0.00036	106.78	-11.498E-12	-154.85E-6	3.0970E-9			
90	23.BLR.8	-2.88636	107.30545	106.80000	-0.00074	106.78	-11.755E-12	-156.89E-6	3.1379E-9			
90	23.BLR.8	-2.97182	106.85727	106.80000	-0.00113	106.78	-12.020E-12	-158.98E-6	3.1795E-9			
90	23.BLR.8	-3.05727	106.49099	106.80000	-0.00152	106.78	-12.289E-12	-161.09E-6	3.2219E-9			
90	23.BLR.8	-3.14273	106.96091	106.80000	-0.00192	106.78	-12.569E-12	-163.25E-6	3.2650E-9			
90	23.BLR.8	-3.22818	105.51273	106.80000	-0.00233	106.78	-12.856E-12	-165.44E-6	3.3088E-9			
90	23.BLR.8	-3.31364	105.06455	106.80000	-0.00274	106.78	-13.148E-12	-167.68E-6	3.3535E-9			
90	23.BLR.8	-3.39909	104.61636	106.80000	-0.00316	106.78	-13.452E-12	-169.95E-6	3.3990E-9			
90	23.BLR.8	-3.48455	104.16818	106.80000	-0.00359	106.78	-13.764E-12	-172.26E-6	3.4453E-9			
90	23.BLR.8	-3.57000	103.72000	106.80000	-0.00403	106.78	-14.085E-12	-174.62E-6	3.4924E-9			
91	21.BLR.1	16.46000	127.30000	106.80000	-0.01847	106.78	-4.4365E-12	-87.979E-6	1.7596E-9			
91	21.BLR.1	15.98111	127.40852	106.80000	-0.01690	106.78	-4.4278E-12	-87.928E-6	1.7586E-9			
91	21.BLR.1	15.50222	127.51704	106.80000	-0.01537	106.78	-4.4251E-12	-87.872E-6	1.7574E-9			
91	21.BLR.1	15.02333	127.62556	106.80000	-0.01389	106.78	-4.4205E-12	-87.812E-6	1.7562E-9			
91	21.BLR.1	14.54444	127.73407	106.80000	-0.01245	106.78	-4.4165E-12	-87.749E-6	1.7550E-9			
91	21.BLR.1	14.06556	127.84259	106.80000	-0.01105	106.78	-4.4085E-12	-87.682E-6	1.7536E-9			
91	21.BLR.1	13.58667	127.95111	106.80000	-0.00970	106.78	-4.4045E-12	-87.610E-6	1.7522E-9			
91	21.BLR.1	13.10778	128.05963	106.80000	-0.00838	106.78	-4.3965E-12	-87.535E-6	1.7507E-9			
91	21.BLR.1	12.62889	128.16815	106.80000	-0.00710	106.78	-4.3885E-12	-87.456E-6	1.7491E-9			
91	21.BLR.1	12.15000	128.27667	106.80000	-0.00586	106.78	-4.3832E-12	-87.373E-6	1.7475E-9			
91	21.BLR.1	11.67111	128.38519	106.80000	-0.00466	106.78	-4.3758E-12	-87.286E-6	1.7457E-9			
91	21.BLR.1	11.19222	128.49370	106.80000	-0.00349	106.78	-4.3692E-12	-87.195E-6	1.7439E-9			
91	21.BLR.1	10.71333	128.60222	106.80000	-0.00236	106.78	-4.3612E-12	-87.101E-6	1.7420E-9			
91	21.BLR.1	10.23444	128.71074	106.80000	-0.00126	106.78	-4.3532E-12	-87.003E-6	1.7401E-9			
91	21.BLR.1	9.75556	128.81926	106.80000	-0.00020	106.78	-4.3452E-12	-86.901E-6	1.7380E-9			
91	21.BLR.1	9.27667	128.92778	106.80000	0.00084	106.78	-4.3345E-12	-86.795E-6	1.7359E-9			
91	21.BLR.1	8.79778	129.03630	106.80000	0.00184	106.78	-4.3252E-12	-86.686E-6	1.7337E-9			
91	21.BLR.1	8.31889	129.14481	106.80000	0.00281	106.78	-4.3179E-12	-86.573E-6	1.7314E-9			
91	21.BLR.1	7.84000	129.25333	106.80000	0.00376	106.78	-4.3072E-12	-86.456E-6	1.7291E-9			
91	21.BLR.1	7.36111	129.36185	106.80000	0.00467	106.78	-4.2966E-12	-86.335E-6	1.7267E-9			
91	21.BLR.1	6.88222	129.47037	106.80000	0.00556	106.78	-4.2879E-12	-86.211E-6	1.7242E-9			
91	21.BLR.1	6.40333	129.57889	106.80000	0.00642	106.78	-4.2746E-12	-86.084E-6	1.7217E-9			
91	21.BLR.1	5.92444	129.68741	106.80000	0.00725	106.78	-4.2666E-12	-85.953E-6	1.7191E-9			
91	21.BLR.1	5.44556	129.79593	106.80000	0.00806	106.78	-4.2539E-12	-85.818E-6	1.7164E-9			
91	21.BLR.1	4.96667	129.90444	106.80000	0.00884	106.78	-4.2406E-12	-85.680E-6	1.7136E-9			
91	21.BLR.1	4.48778	130.01296	106.80000	0.00960	106.78	-4.2319E-12	-85.538E-6	1.7108E-9			
91	21.BLR.1	4.00889	130.12148	106.80000	0.01034	106.78	-4.2160E-12	-85.393E-6	1.7079E-9			
91	21.BLR.1	3.53000	130.23000	106.80000	0.01105	106.78	-4.2066E-12	-85.244E-6	1.7049E-9			
92	21.BLR.2	13.15000	111.25000	106.80000	-0.04060	106.78	-9.0195E-12	-134.13E-6	2.6826E-9			
92	21.BLR.2	13.25030	111.73636	106.80000	-0.03991	106.78	-8.8123E-12	-132.31E-6	2.6461E-9			
92	21.BLR.2	13.35061	112.22273	106.80000	-0.03922	106.78	-8.6131E-12	-130.51E-6	2.6103E-9			
92	21.BLR.2	13.45091	112.70909	106.80000	-0.03853	106.78	-8.4186E-12	-128.75E-6	2.5751E-9			
92	21.BLR.2	13.55121	113.19545	106.80000	-0.03784	106.78	-8.2268E-12	-127.02E-6	2.5405E-9			
92	21.BLR.2	13.65152	113.68182	106.80000	-0.03716	106.78	-8.0442E-12	-125.33E-6	2.5065E-9			
92	21.BLR.2	13.75182	114.16818	106.80000	-0.03647	106.78	-7.8644E-12	-123.66E-6	2.4732E-9			
92	21.BLR.2	13.85212	114.65455	106.80000	-0.03578	106.78	-7.6892E-12	-122.02E-6	2.4404E-9			
92	21.BLR.2	13.95242	115.14091	106.80000	-0.03509	106.78	-7.5207E-12	-120.41E-6	2.4083E-9			
92	21.BLR.2	14.05273	115.62727	106.80000	-0.03441	106.78	-7.3548E-12	-118.83E-6	2.3766E-9			
92	21.BLR.2	14.15303	116.11364	106.80000	-0.03373	106.78	-7.1942E-12	-117.28E-6	2.3456E-9			
92	21.BLR.2	14.25333	116.60000	106.80000	-0.03305	106.78	-7.0364E-12	-115.75E-6	2.3151E-9			
92	21.BLR.2	14.35364	117.08636	106.80000	-0.03237	106.78	-6.8838E-12	-114.25E-6	2.2851E-9			
92	21.BLR.2	14.45394	117.57273	106.80000	-0.03169	106.78	-6.7339E-12	-112.78E-6	2.2556E-9			
92	21.BLR.2	14.55424	118.05909	106.80000	-0.03101	106.78	-6.5907E-12	-111.33E-6	2.2266E-9			
92	21.BLR.2	14.65455	118.54545	106.80000	-0.03033	106.78	-6.4482E-12	-109.91E-6	2.1982E-9			
92	21.BLR.2	14.75485	119.03182	106.80000	-0.02965	106.78	-6.3096E-12	-108.51E-6	2.1702E-9			
92	21.BLR.2	14.85515	119.51818	106.80000	-0.02898	106.78	-6.1746E-12	-107.13E-6	2.1427E-9			
92	21.BLR.2	14.95545	120.00455	106.80000	-0.02830	106.78	-6.0445E-12	-105.78E-6	2.1156E-9			
92	21.BLR.2	15.05576	120.49091	106.80000	-0.02763	106.78	-5.9173E-12	-104.45E-6	2.0890E-9			
92	21.BLR.2	15.15606	120.97727	106.80000	-0.02696	106.78	-5.7947E-12	-103.14E-6	2.0629E-9			
92	21.BLR.2	15.25636	121.46364	106.80000	-0.02630	106.78	-5.6748E-12	-101.86E-6	2.0372E-9			
92	21.BLR.2	15.35667	121.95000	106.80000	-0.02563	106.78	-5.5556E-12	-100.59E-6	2.0119E-9			
92	21.BLR.2	15.45697	122.43636	106.80000	-0.02497	106.78	-5.4410E-12	-99.352E-6	1.9870E-9			
92	21.BLR.2	15.55727	122.92273	106.80000	-0.02431	106.78	-5.3284E-12	-98.129E-6	1.9626E-9			
92	21.BLR.2	15.65758	123.40909	106.80000	-0.02365	106.78	-5.2198E-12	-96.926E-6	1.9385E-9			
92	21.BLR.2	15.75788	123.89545	106.80000	-0.02299	106.78	-5.1119E-12	-95.743E-6	1.9149E-9			
92	21.BLR.2	15.85818	124.38182	106.80000	-0.02234	106.78	-5.0087E-12	-94.579E-6	1.8916E-9			
92	21.BLR.2	15.95848	124.86818	106.80000	-0.02168	106.78	-4.9067E-12	-93.434E-6	1.8687E-9			
92	21.BLR.2	16.05879	125.35455	106.80000	-0.02104	106.78	-4.8065E-12	-92.305E-6	1.8462E-9			
92	21.BLR.2	16.15909	125.84091	106.80000	-0.02039	106.78	-4.7122E-12	-91.200E-6	1.8240E-9			
92	21.BLR.2	16.25939	126.32727	106.80000	-0.01975	106.78	-4.6156E-12	-90.109E-6	1.8022E-9			
92	21.BLR.2	16.35970	126.81364	106.80000	-0.01911	106.78	-4.5244E-12	-89.030E-6	1.7807E-9			
92	21.BLR.2	16.46000	127.30000	106.80000	-0.01847	106.78	-4.4365E-12	-87.979E-6	1.7596E-9			
93	21.BLR.3	7.29600	112.69000	106.80000	-0.01648	106.78	-8.1433E-12	-132.84E-6	2.6458E-9			
93	21.BLR.3	7.52846	112.52385	106.80000	-0.01802	106.78	-8.8336E-12	-132.48E-6	2.6496E-9			
93	21.BLR.3	7.99692	112.41769	106.80000	-0.01960	106.78	-8.8523E-12	-132.66E-6	2.6531E-9			
93	21.BLR.3	8.46538	112.31154	106.80000	-0.02124	106.78	-8.8742E-12	-132.83E-6	2.6565E-9			
93	21.BLR.3	8.93385	112.20538	106.80000	-0.02292	106.78	-8.8936E-12	-132.99E-6	2.6598E-9			
93	21.BLR.3	9.										

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term							Job No.	Sheet No.	Rev.		
							3244				
							Drg. Ref.				
							Made by AC	Date	Checked		
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain		
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]		
96	21.BLR.6	1.81231	123.54231	106.80000	0.00790	106.78	-5.5596E-12	-100.61E-6	2.0121E-9		
96	21.BLR.6	1.68962	123.06462	106.80000	0.00766	106.78	-5.6728E-12	-101.84E-6	2.0368E-9		
96	21.BLR.6	1.56692	122.58692	106.80000	0.00743	106.78	-5.7920E-12	-103.09E-6	2.0618E-9		
96	21.BLR.6	1.44423	122.10923	106.80000	0.00718	106.78	-5.9126E-12	-104.37E-6	2.0873E-9		
96	21.BLR.6	1.32154	121.63154	106.80000	0.00694	106.78	-6.0352E-12	-105.66E-6	2.1132E-9		
96	21.BLR.6	1.19885	121.15385	106.80000	0.00669	106.78	-6.1631E-12	-106.98E-6	2.1396E-9		
96	21.BLR.6	1.07615	120.67615	106.80000	0.00645	106.78	-6.2936E-12	-108.32E-6	2.1663E-9		
96	21.BLR.6	0.95346	120.19846	106.80000	0.00620	106.78	-6.4282E-12	-109.68E-6	2.1935E-9		
96	21.BLR.6	0.83077	119.72077	106.80000	0.00594	106.78	-6.5641E-12	-111.06E-6	2.2212E-9		
96	21.BLR.6	0.70808	119.24308	106.80000	0.00569	106.78	-6.7046E-12	-112.47E-6	2.2493E-9		
96	21.BLR.6	0.58538	118.76538	106.80000	0.00543	106.78	-6.8479E-12	-113.90E-6	2.2779E-9		
96	21.BLR.6	0.46269	118.28769	106.80000	0.00517	106.78	-6.9977E-12	-115.35E-6	2.3070E-9		
96	21.BLR.6	0.34000	117.81000	106.80000	0.00491	106.78	-7.1496E-12	-116.83E-6	2.3366E-9		
97	19.BLR.1	21.24750	154.93000	106.80000	0.00640	106.78	-1.5634E-12	-47.260E-6	945.19E-12		
97	19.BLR.1	24.94750	155.08250	106.80000	0.00711	106.78	-1.5588E-12	-47.206E-6	944.12E-12		
97	19.BLR.1	24.48500	155.23500	106.80000	0.00780	106.78	-1.5561E-12	-47.151E-6	943.03E-12		
97	19.BLR.1	24.02250	155.38750	106.80000	0.00847	106.78	-1.5521E-12	-47.095E-6	941.91E-12		
97	19.BLR.1	23.56000	155.54000	106.80000	0.00913	106.78	-1.5488E-12	-47.038E-6	940.76E-12		
97	19.BLR.1	23.09750	155.69250	106.80000	0.00976	106.78	-1.5481E-12	-46.980E-6	939.59E-12		
97	19.BLR.1	22.63500	155.84500	106.80000	0.01038	106.78	-1.5434E-12	-46.920E-6	938.40E-12		
97	19.BLR.1	22.17250	155.99750	106.80000	0.01097	106.78	-1.5394E-12	-46.859E-6	937.17E-12		
97	19.BLR.1	21.71000	156.15000	106.80000	0.01156	106.78	-1.5354E-12	-46.796E-6	935.93E-12		
97	19.BLR.1	21.24750	156.30250	106.80000	0.01212	106.78	-1.5321E-12	-46.733E-6	934.66E-12		
97	19.BLR.1	20.78500	156.45500	106.80000	0.01267	106.78	-1.5301E-12	-46.668E-6	933.36E-12		
97	19.BLR.1	20.32250	156.60750	106.80000	0.01320	106.78	-1.5248E-12	-46.602E-6	932.04E-12		
97	19.BLR.1	19.86000	156.76000	106.80000	0.01371	106.78	-1.5228E-12	-46.535E-6	930.70E-12		
98	19.BLR.2	19.68000	136.44000	106.80000	-0.01022	106.78	-3.0576E-12	-70.524E-6	1.4105E-9		
98	19.BLR.2	19.82692	136.91410	106.80000	-0.00974	106.78	-3.0036E-12	-69.756E-6	1.3951E-9		
98	19.BLR.2	19.97385	137.38821	106.80000	-0.00927	106.78	-2.9463E-12	-68.998E-6	1.3800E-9		
98	19.BLR.2	20.12077	137.86231	106.80000	-0.00879	106.78	-2.8937E-12	-68.251E-6	1.3650E-9		
98	19.BLR.2	20.26769	138.33641	106.80000	-0.00832	106.78	-2.8424E-12	-67.515E-6	1.3503E-9		
98	19.BLR.2	20.41462	138.81051	106.80000	-0.00785	106.78	-2.7911E-12	-66.790E-6	1.3358E-9		
98	19.BLR.2	20.56154	139.28462	106.80000	-0.00738	106.78	-2.7411E-12	-66.075E-6	1.3215E-9		
98	19.BLR.2	20.70846	139.75872	106.80000	-0.00692	106.78	-2.6918E-12	-65.370E-6	1.3074E-9		
98	19.BLR.2	20.85538	140.23282	106.80000	-0.00645	106.78	-2.6446E-12	-64.675E-6	1.2935E-9		
98	19.BLR.2	21.00231	140.70692	106.80000	-0.00599	106.78	-2.5959E-12	-63.990E-6	1.2798E-9		
98	19.BLR.2	21.14923	141.18103	106.80000	-0.00553	106.78	-2.5513E-12	-63.315E-6	1.2663E-9		
98	19.BLR.2	21.29615	141.65513	106.80000	-0.00507	106.78	-2.5040E-12	-62.649E-6	1.2530E-9		
98	19.BLR.2	21.44308	142.12923	106.80000	-0.00462	106.78	-2.4620E-12	-61.992E-6	1.2398E-9		
98	19.BLR.2	21.59000	142.60333	106.80000	-0.00417	106.78	-2.4181E-12	-61.345E-6	1.2269E-9		
98	19.BLR.2	21.73692	143.07744	106.80000	-0.00372	106.78	-2.3718E-12	-60.706E-6	1.2141E-9		
98	19.BLR.2	21.88385	143.55154	106.80000	-0.00327	106.78	-2.3368E-12	-60.076E-6	1.2015E-9		
98	19.BLR.2	22.03077	144.02564	106.80000	-0.00283	106.78	-2.2955E-12	-59.455E-6	1.1891E-9		
98	19.BLR.2	22.17769	144.49974	106.80000	-0.00239	106.78	-2.2555E-12	-58.843E-6	1.1769E-9		
98	19.BLR.2	22.32462	144.97385	106.80000	-0.00195	106.78	-2.2176E-12	-58.239E-6	1.1648E-9		
98	19.BLR.2	22.47154	145.44795	106.80000	-0.00152	106.78	-2.1783E-12	-57.643E-6	1.1529E-9		
98	19.BLR.2	22.61846	145.92205	106.80000	-0.00109	106.78	-2.1443E-12	-57.055E-6	1.1411E-9		
98	19.BLR.2	22.76538	146.39615	106.80000	-0.00066	106.78	-2.1070E-12	-56.475E-6	1.1295E-9		
98	19.BLR.2	22.91231	146.87026	106.80000	-0.00024	106.78	-2.0717E-12	-55.903E-6	1.1181E-9		
98	19.BLR.2	23.05923	147.34436	106.80000	0.00018	106.78	-2.0370E-12	-55.339E-6	1.1068E-9		
98	19.BLR.2	23.20615	147.81846	106.80000	0.00060	106.78	-2.0017E-12	-54.782E-6	1.0956E-9		
98	19.BLR.2	23.35308	148.29256	106.80000	0.00101	106.78	-1.9671E-12	-54.233E-6	1.0847E-9		
98	19.BLR.2	23.50000	148.76667	106.80000	0.00142	106.78	-1.9345E-12	-53.691E-6	1.0738E-9		
98	19.BLR.2	23.64692	149.24077	106.80000	0.00183	106.78	-1.9011E-12	-53.156E-6	1.0631E-9		
98	19.BLR.2	23.79385	149.71487	106.80000	0.00223	106.78	-1.8712E-12	-52.629E-6	1.0526E-9		
98	19.BLR.2	23.94077	150.18897	106.80000	0.00263	106.78	-1.8399E-12	-52.108E-6	1.0422E-9		
98	19.BLR.2	24.08769	150.66308	106.80000	0.00302	106.78	-1.8079E-12	-51.594E-6	1.0319E-9		
98	19.BLR.2	24.23462	151.13718	106.80000	0.00341	106.78	-1.7806E-12	-51.087E-6	1.0217E-9		
98	19.BLR.2	24.38154	151.61128	106.80000	0.00380	106.78	-1.7519E-12	-50.587E-6	1.0117E-9		
98	19.BLR.2	24.52846	152.08538	106.80000	0.00419	106.78	-1.7226E-12	-50.093E-6	1.0019E-9		
98	19.BLR.2	24.67538	152.55949	106.80000	0.00456	106.78	-1.6933E-12	-49.605E-6	992.10E-12		
98	19.BLR.2	24.82231	153.03359	106.80000	0.00494	106.78	-1.6680E-12	-49.124E-6	982.47E-12		
98	19.BLR.2	24.96923	153.50769	106.80000	0.00531	106.78	-1.6394E-12	-48.649E-6	972.97E-12		
98	19.BLR.2	25.11615	153.98179	106.80000	0.00568	106.78	-1.6127E-12	-48.180E-6	963.59E-12		
98	19.BLR.2	25.26308	154.45590	106.80000	0.00604	106.78	-1.5867E-12	-47.717E-6	954.33E-12		
98	19.BLR.2	25.41000	154.93000	106.80000	0.00640	106.78	-1.5634E-12	-47.260E-6	945.19E-12		
99	19.BLR.3	12.32000	138.92000	106.80000	0.00667	106.78	-2.9137E-12	-68.539E-6	1.3708E-9		
99	19.BLR.3	12.78000	138.76500	106.80000	0.00584	106.78	-2.9263E-12	-68.680E-6	1.3736E-9		
99	19.BLR.3	13.24000	138.61000	106.80000	0.00498	106.78	-2.9330E-12	-68.819E-6	1.3764E-9		
99	19.BLR.3	13.70000	138.45500	106.80000	0.00410	106.78	-2.9423E-12	-68.955E-6	1.3791E-9		
99	19.BLR.3	14.16000	138.30000	106.80000	0.00318	106.78	-2.9550E-12	-69.099E-6	1.3818E-9		
99	19.BLR.3	14.62000	138.14500	106.80000	0.00224	106.78	-2.9630E-12	-69.222E-6	1.3844E-9		
99	19.BLR.3	15.08000	137.99000	106.80000	0.0						



Highgate Junior School Sports Hall

Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
102	19.BLR.6	6.39613	142.52871	106.80000	0.01630	106.78	-2.61795E-12	-64.2655E-6	1.2853E-9
102	19.BLR.6	6.24806	142.05335	106.80000	0.01616	106.78	-2.6672E-12	-64.9355E-6	1.2987E-9
102	19.BLR.6	6.10000	141.59000	106.80000	0.01601	106.78	-2.7112E-12	-65.6155E-6	1.3123E-9
103	19.BLR.7	18.70000	153.46000	106.80000	0.01223	106.78	-1.7046E-12	-49.7800E-6	995.60E-12
103	19.BLR.7	18.22882	153.61765	106.80000	0.01281	106.78	-1.6996E-12	-49.7000E-6	993.99E-12
103	19.BLR.7	17.75765	153.77529	106.80000	0.01336	106.78	-1.6940E-12	-49.6180E-6	992.36E-12
103	19.BLR.7	17.28647	153.93294	106.80000	0.01390	106.78	-1.6893E-12	-49.5355E-6	990.69E-12
103	19.BLR.7	16.81529	154.09059	106.80000	0.01442	106.78	-1.6847E-12	-49.4500E-6	989.00E-12
103	19.BLR.7	16.34412	154.24824	106.80000	0.01493	106.78	-1.6800E-12	-49.3640E-6	987.28E-12
103	19.BLR.7	15.87294	154.40588	106.80000	0.01542	106.78	-1.6753E-12	-49.2770E-6	985.54E-12
103	19.BLR.7	15.40176	154.56353	106.80000	0.01590	106.78	-1.6720E-12	-49.1890E-6	983.77E-12
103	19.BLR.7	14.93059	154.72118	106.80000	0.01636	106.78	-1.6640E-12	-49.0990E-6	981.98E-12
103	19.BLR.7	14.45941	154.87882	106.80000	0.01680	106.78	-1.6587E-12	-49.0080E-6	980.15E-12
103	19.BLR.7	13.98824	155.03647	106.80000	0.01723	106.78	-1.6560E-12	-48.9150E-6	978.31E-12
103	19.BLR.7	13.51706	155.19412	106.80000	0.01765	106.78	-1.6493E-12	-48.8220E-6	976.44E-12
103	19.BLR.7	13.04588	155.35176	106.80000	0.01805	106.78	-1.6440E-12	-48.7270E-6	974.54E-12
103	19.BLR.7	12.57471	155.50941	106.80000	0.01844	106.78	-1.6394E-12	-48.6310E-6	972.62E-12
103	19.BLR.7	12.10353	155.66706	106.80000	0.01882	106.78	-1.6354E-12	-48.5340E-6	970.67E-12
103	19.BLR.7	11.63235	155.82471	106.80000	0.01919	106.78	-1.6280E-12	-48.4350E-6	968.71E-12
103	19.BLR.7	11.16118	155.98235	106.80000	0.01954	106.78	-1.6254E-12	-48.3360E-6	966.71E-12
103	19.BLR.7	10.69000	156.14000	106.80000	0.01988	106.78	-1.6154E-12	-48.2350E-6	964.70E-12
104	19.BLR.8	19.86000	156.76000	106.80000	0.01371	106.78	-1.5228E-12	-46.5350E-6	930.70E-12
104	19.BLR.8	19.69429	156.28857	106.80000	0.01351	106.78	-1.5474E-12	-46.9810E-6	939.62E-12
104	19.BLR.8	19.52857	155.81714	106.80000	0.01330	106.78	-1.5727E-12	-47.4330E-6	948.65E-12
104	19.BLR.8	19.36286	155.34571	106.80000	0.01309	106.78	-1.5967E-12	-47.8900E-6	957.80E-12
104	19.BLR.8	19.19714	154.87429	106.80000	0.01288	106.78	-1.6240E-12	-48.3570E-6	967.07E-12
104	19.BLR.8	19.03143	154.40286	106.80000	0.01267	106.78	-1.6493E-12	-48.8230E-6	976.46E-12
104	19.BLR.8	18.86571	153.93143	106.80000	0.01245	106.78	-1.6767E-12	-49.2980E-6	985.97E-12
104	19.BLR.8	18.70000	153.46000	106.80000	0.01223	106.78	-1.7046E-12	-49.7800E-6	995.60E-12

Results : Consolidation : Displacement Data : Lines

None

Results : Total : Displacement Data : Lines

None

Results : Immediate : Displacement Data : Grids

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
1	Grid	-95.50000	-90.14000	106.80000	0.01978	106.78	-3.9908E-12	-82.871E-6	1.6574E-9
1	Grid	-93.50482	-90.14000	106.80000	0.01975	106.78	-4.2193E-12	-85.640E-6	1.7128E-9
1	Grid	-91.50964	-90.14000	106.80000	0.01969	106.78	-4.4591E-12	-88.500E-6	1.7700E-9
1	Grid	-89.51446	-90.14000	106.80000	0.01960	106.78	-4.7122E-12	-91.453E-6	1.8291E-9
1	Grid	-87.51928	-90.14000	106.80000	0.01948	106.78	-4.9787E-12	-94.501E-6	1.8900E-9
1	Grid	-85.52410	-90.14000	106.80000	0.01933	106.78	-5.2618E-12	-97.643E-6	1.9529E-9
1	Grid	-83.52892	-90.14000	106.80000	0.01915	106.78	-5.5576E-12	-100.88E-6	2.0176E-9
1	Grid	-81.53374	-90.14000	106.80000	0.01892	106.78	-5.8706E-12	-104.222E-6	2.0843E-9
1	Grid	-79.53856	-90.14000	106.80000	0.01866	106.78	-6.1997E-12	-107.65E-6	2.1530E-9
1	Grid	-77.54338	-90.14000	106.80000	0.01836	106.78	-6.5508E-12	-111.17E-6	2.2235E-9
1	Grid	-75.54820	-90.14000	106.80000	0.01802	106.78	-6.9138E-12	-114.80E-6	2.2959E-9
1	Grid	-73.55302	-90.14000	106.80000	0.01763	106.78	-7.2955E-12	-118.51E-6	2.3702E-9
1	Grid	-71.55784	-90.14000	106.80000	0.01720	106.78	-7.6965E-12	-122.32E-6	2.4464E-9
1	Grid	-69.56266	-90.14000	106.80000	0.01673	106.78	-8.1162E-12	-126.22E-6	2.5243E-9
1	Grid	-67.56748	-90.14000	106.80000	0.01621	106.78	-8.5552E-12	-130.20E-6	2.6040E-9
1	Grid	-65.57230	-90.14000	106.80000	0.01565	106.78	-9.0128E-12	-134.26E-6	2.6853E-9
1	Grid	-63.57712	-90.14000	106.80000	0.01503	106.78	-9.4877E-12	-138.40E-6	2.7681E-9
1	Grid	-61.58194	-90.14000	106.80000	0.01438	106.78	-9.9833E-12	-142.62E-6	2.8523E-9
1	Grid	-59.58676	-90.14000	106.80000	0.01367	106.78	-10.4499E-12	-146.89E-6	2.9379E-9
1	Grid	-57.59158	-90.14000	106.80000	0.01293	106.78	-11.032E-12	-151.23E-6	3.0246E-9
1	Grid	-55.59640	-90.14000	106.80000	0.01214	106.78	-11.581E-12	-155.61E-6	3.1122E-9
1	Grid	-53.60122	-90.14000	106.80000	0.01131	106.78	-12.150E-12	-160.03E-6	3.2006E-9
1	Grid	-51.60604	-90.14000	106.80000	0.01044	106.78	-12.730E-12	-164.48E-6	3.2896E-9
1	Grid	-49.61086	-90.14000	106.80000	0.00955	106.78	-13.327E-12	-168.94E-6	3.3789E-9
1	Grid	-47.61568	-90.14000	106.80000	0.00860	106.78	-13.935E-12	-173.41E-6	3.4682E-9
1	Grid	-45.62050	-90.14000	106.80000	0.00764	106.78	-14.555E-12	-177.86E-6	3.5573E-9
1	Grid	-43.62532	-90.14000	106.80000	0.00666	106.78	-15.181E-12	-182.29E-6	3.6458E-9
1	Grid	-41.63014	-90.14000	106.80000	0.00566	106.78	-15.814E-12	-186.68E-6	3.7335E-9
1	Grid	-39.63496	-90.14000	106.80000	0.00464	106.78	-16.450E-12	-191.00E-6	3.8200E-9
1	Grid	-37.63978	-90.14000	106.80000	0.00363	106.78	-17.086E-12	-195.24E-6	3.9048E-9
1	Grid	-35.64460	-90.14000	106.80000	0.00261	106.78	-17.715E-12	-199.39E-6	3.9877E-9
1	Grid	-33.64942	-90.14000	106.80000	0.00161	106.78	-18.338E-12	-203.41E-6	4.0682E-9
1	Grid	-31.65424	-90.14000	106.80000	0.00062	106.78	-18.950E-12	-207.30E-6	4.1459E-9
1	Grid	-29.65906	-90.14000	106.80000	-0.00035	106.78	-19.542E-12	-211.02E-6	4.2204E-9
1	Grid	-27.66388	-90.14000	106.80000	-0.00128	106.78	-20.117E-12	-214.56E-6	4.2913E-9
1	Grid	-25.66871	-90.14000	106.80000	-0.00217	106.78	-20.665E-12	-217.91E-6	4.3581E-9
1	Grid	-23.67353	-90.14000	106.80000	-0.00301	106.78	-21.182E-12	-221.02E-6	4.4204E-9
1	Grid	-21.67835	-90.14000	106.80000	-0.00380	106.78	-21.667E-12	-223.90E-6	4.4779E-9
1	Grid	-19.68317	-90.14000	106.80000	-0.00453	106.78	-22.112E-12	-226.51E-6	4.5302E-9
1	Grid	-17.68799	-90.14000	106.80000	-0.00518	106.78	-22.515E-12	-228.84E-6	4.5768E-9
1	Grid	-15.69281	-90.14000	106.80000	-0.00575	106.78	-22.871E-12	-230.87E-6	4.6174E-9
1	Grid	-13.69763	-90.14000	106.80000	-0.00625	106.78	-23.173E-12	-232.59E-6	4.6519E-9
1	Grid	-11.70245	-90.14000	106.80000	-0.00665	106.78	-23.423E-12	-233.99E-6	4.6798E-9
1	Grid	-9.70727	-90.14000	106.80000	-0.00697	106.78	-23.616E-12	-235.05E-6	4.7010E-9
1	Grid	-7.71209	-90.14000	106.80000	-0.00718	106.78	-23.749E-12	-235.77E-6	4.7153E-9
1	Grid	-5.71691	-90.14000	106.80000	-0.00730	106.78	-23.822E-12	-236.13E-6	4.7227E-9
1	Grid	-3.72173	-90.14000	106.80000	-0.00732	106.78	-23.834E-12	-236.15E-6	4.7229E-9
1	Grid	-1.72655	-90.14000	106.80000	-0.00725	106.78	-23.782E-12	-235.80E-6	4.7161E-9
1	Grid	0.26863	-90.14000	106.80000	-0.00707	106.78	-23.670E-12	-235.11E-6	4.7022E-9
1	Grid	2.26381	-90.14000	106.80000	-0.00679	106.78	-23.495E-12	-234.07E-6	4.6814E-9
1	Grid	4.25899	-90.14000	106.80000	-0.00642	106.78	-23.263E-12	-232.69E-6	4.6539E-9
1	Grid	6.25417	-90.14000	106.80000	-0.00596	106.78	-22.977E-12	-230.99E-6	4.6197E-9
1	Grid	8.24935	-90.14000	106.80000	-0.00542	106.78	-22.635E-12	-228.96E-6	4.5792E-9
1	Grid	10.24453	-90.14000	106.80000	-0.00479	106.78	-22.248E-12	-226.63E-6	4.5327E-9
1	Grid	12.23971	-90.14000	106.80000	-0.00409	106.78	-21.810E-12	-224.02E-6	4.4804E-9
1	Grid	14.23489	-90.14000	106.80000	-0.00332	106.78	-21.334E-12	-221.14E-6	4.4228E-9
1	Grid	16.23007	-90.14000	106.80000	-0.00249	106.78	-20.820E-12	-218.01E-6	4.3602E-9
1	Grid	18.22525	-90.14000	106.80000	-0.00160	106.78	-20.276E-12	-214.65E-6	4.2930E-9
1	Grid	20.22043	-90.14000	106.80000	-0.00068	106.78	-19.702E-12	-211.08E-6	4.2216E-9
1	Grid	22.21561	-90.14000	106.80000	0.00029	106.78	-19.107E-12	-207.33E-6	4.1465E-9
1	Grid	24.21079	-90.14000	106.80000	0.00128	106.78	-18.489E-12	-203.41E-6	4.0682E-9
1	Grid	26.20597	-90.14000	106.80000	0.00229	106.78	-17.862E-12	-199.35E-6	3.9869E-9
1	Grid	28.20115	-90.14000	106.80000	0.00332	106.78	-17.226E-12	-195.16E-6	3.9032E-9
1	Grid	30.19633	-90.14000	106.80000	0.00435	106.78	-16.580E-12	-190.87E-6	3.8175E-9
1	Grid	32.19151	-90.14000	106.80000	0.00538	106.78	-15.937E-12	-186.51E-6	3.7301E-9
1	Grid	34.18669	-90.14000	106.80000	0.00638	106.78	-15.293E-12	-181.85E-6	3.6353E-9
1	Grid	36.18187	-90.14000	106.80000	0.00740	106.78	-14.657E-12	-177.60E-6	3.5520E-9
1	Grid	38.17705	-90.14000	106.80000	0.00838	106.78	-14.028E-12	-173.10E-6	3.4620E-9
1	Grid	40.17223	-90.14000	106.80000	0.00933	106.78	-13.407E-12	-168.59E-6	3.3717E-9
1	Grid	42.16741	-90.14000	106.80000	0.01026	106.78	-12.800E-12	-164.08E-6	3.2815E-9
1	Grid	44.16259	-90.14000	106.80000	0.01115	106.78	-12.200E-12	-159.56E-6	3.1913E-9
1	Grid	46.15777	-90.14000	106.80000	0.01200	106.78	-11.613E-12	-155.12E-6	3.1024E-9
1	Grid	48.15295	-90.14000	106.80000	0.01281	106.78	-11.068E-12	-150.70E-6	3.0139E-9
1	Grid	50.14813	-90.14000	106.80000	0.01358	106.78	-10.526E-12	-146.33E-6	2.9265E-9
1	Grid	52.14331	-90.14000	106.80000	0.01431	106.78	-10.000E-12	-142.01E-6	2.8403E-9
1	Grid	54.13849	-90.14000	106.80000	0.01499	106.78	-9.503E-12	-137.73E-6	2.7554E-9
1	Grid	56.13367	-90.14000	106.80000	0.01563	106.78	-9.0201E-12	-133.60E-6	2.6720E-9
1	Grid	58.12885	-90.14000	106.80000	0.01623	106.78	-8.5558E-12	-129.51E-6	2.5901E-9
1	Grid	60.12403	-90.14000	106.80000	0.01679	106.78	-8.1075E-12	-125.50E-6	2.5100E-9
1	Grid	62.11921	-90.14000	106.80000	0.01731	106.78	-7.6859E-12	-121.58E-6	2.4317E-9

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term										Job No.	Sheet No.	Rev.	
										3244			
										Drg. Ref.			
										Made by AC	Date	Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain				
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]				
1	Grid	66.10957	-90.14000	106.80000	0.01823	106.78	-6.8898E-12	-114.03E-6	2.2806E-9				
1	Grid	68.10475	-90.14000	106.80000	0.01864	106.78	-6.5215E-12	-110.40E-6	2.2079E-9				
1	Grid	70.09993	-90.14000	106.80000	0.01901	106.78	-6.1731E-12	-106.86E-6	2.1372E-9				
1	Grid	72.09511	-90.14000	106.80000	0.01936	106.78	-5.8407E-12	-103.42E-6	2.0684E-9				
1	Grid	74.09029	-90.14000	106.80000	0.01969	106.78	-5.5262E-12	-100.08E-6	2.0016E-9				
1	Grid	76.08547	-90.14000	106.80000	0.01999	106.78	-5.2265E-12	-96.842E-6	1.9368E-9				
1	Grid	78.08065	-90.14000	106.80000	0.02027	106.78	-4.9434E-12	-93.699E-6	1.8740E-9				
1	Grid	80.07583	-90.14000	106.80000	0.02053	106.78	-4.6743E-12	-90.654E-6	1.8131E-9				
1	Grid	82.07101	-90.14000	106.80000	0.02077	106.78	-4.4211E-12	-87.704E-6	1.7541E-9				
1	Grid	84.06619	-90.14000	106.80000	0.02100	106.78	-4.1787E-12	-84.849E-6	1.6970E-9				
1	Grid	86.06137	-90.14000	106.80000	0.02122	106.78	-3.9508E-12	-82.087E-6	1.6417E-9				
1	Grid	88.05655	-90.14000	106.80000	0.02143	106.78	-3.7383E-12	-79.415E-6	1.5883E-9				
1	Grid	90.05173	-90.14000	106.80000	0.02163	106.78	-3.5325E-12	-76.834E-6	1.5367E-9				
1	Grid	92.04691	-90.14000	106.80000	0.02183	106.78	-3.3433E-12	-74.339E-6	1.4868E-9				
1	Grid	94.04209	-90.14000	106.80000	0.02201	106.78	-3.1641E-12	-71.929E-6	1.4386E-9				
1	Grid	96.03727	-90.14000	106.80000	0.02220	106.78	-2.9916E-12	-69.602E-6	1.3920E-9				
1	Grid	98.03245	-90.14000	106.80000	0.02237	106.78	-2.8317E-12	-67.356E-6	1.3471E-9				
1	Grid	100.02763	-90.14000	106.80000	0.02255	106.78	-2.6785E-12	-65.188E-6	1.3038E-9				
1	Grid	102.02281	-90.14000	106.80000	0.02271	106.78	-2.5373E-12	-63.096E-6	1.2619E-9				
1	Grid	104.01799	-90.14000	106.80000	0.02288	106.78	-2.4021E-12	-61.078E-6	1.2216E-9				
1	Grid	106.01317	-90.14000	106.80000	0.02303	106.78	-2.2755E-12	-59.131E-6	1.1826E-9				
1	Grid	108.00835	-90.14000	106.80000	0.02319	106.78	-2.1543E-12	-57.253E-6	1.1451E-9				
1	Grid	110.00353	-90.14000	106.80000	0.02333	106.78	-2.0397E-12	-55.442E-6	1.1088E-9				
1	Grid	111.99871	-90.14000	106.80000	0.02347	106.78	-1.9365E-12	-53.696E-6	1.0739E-9				
1	Grid	113.99388	-90.14000	106.80000	0.02361	106.78	-1.8312E-12	-52.011E-6	1.0402E-9				
1	Grid	115.98906	-90.14000	106.80000	0.02373	106.78	-1.7379E-12	-50.387E-6	1.0077E-9				
1	Grid	117.98424	-90.14000	106.80000	0.02385	106.78	-1.6473E-12	-48.822E-6	976.43E-12				
1	Grid	119.97942	-90.14000	106.80000	0.02396	106.78	-1.5627E-12	-47.312E-6	946.23E-12				
1	Grid	121.97460	-90.14000	106.80000	0.02406	106.78	-1.4841E-12	-45.856E-6	917.12E-12				
1	Grid	123.96978	-90.14000	106.80000	0.02415	106.78	-1.4109E-12	-44.452E-6	889.04E-12				
1	Grid	125.96496	-90.14000	106.80000	0.02422	106.78	-1.3363E-12	-43.098E-6	861.96E-12				
1	Grid	127.96014	-90.14000	106.80000	0.02429	106.78	-1.2697E-12	-41.793E-6	835.86E-12				
1	Grid	129.95532	-90.14000	106.80000	0.02434	106.78	-1.2050E-12	-40.534E-6	810.68E-12				
1	Grid	131.95050	-90.14000	106.80000	0.02438	106.78	-1.1477E-12	-39.320E-6	786.39E-12				
1	Grid	133.94568	-90.14000	106.80000	0.02441	106.78	-1.0891E-12	-38.148E-6	762.97E-12				
1	Grid	135.94086	-90.14000	106.80000	0.02442	106.78	-1.0365E-12	-37.018E-6	740.37E-12				
1	Grid	137.93604	-90.14000	106.80000	0.02442	106.78	0.0	-35.929E-6	718.57E-12				
1	Grid	139.93122	-90.14000	106.80000	0.02441	106.78	0.0	-34.877E-6	697.54E-12				
1	Grid	141.92640	-90.14000	106.80000	0.02438	106.78	0.0	-33.862E-6	677.24E-12				
1	Grid	143.92158	-90.14000	106.80000	0.02434	106.78	0.0	-32.883E-6	657.66E-12				
1	Grid	145.91676	-90.14000	106.80000	0.02429	106.78	0.0	-31.938E-6	638.75E-12				
1	Grid	147.91194	-90.14000	106.80000	0.02422	106.78	0.0	-31.025E-6	620.51E-12				
1	Grid	149.90712	-90.14000	106.80000	0.02414	106.78	0.0	-30.145E-6	602.89E-12				
1	Grid	151.90230	-90.14000	106.80000	0.02405	106.78	0.0	-29.294E-6	585.88E-12				
1	Grid	153.89748	-90.14000	106.80000	0.02394	106.78	0.0	-28.473E-6	569.45E-12				
1	Grid	155.89266	-90.14000	106.80000	0.02382	106.78	0.0	-27.680E-6	553.59E-12				
1	Grid	157.88784	-90.14000	106.80000	0.02370	106.78	0.0	-26.913E-6	538.26E-12				
1	Grid	159.88302	-90.14000	106.80000	0.02356	106.78	0.0	-26.173E-6	523.46E-12				
1	Grid	161.87820	-90.14000	106.80000	0.02341	106.78	0.0	-25.458E-6	509.15E-12				
1	Grid	163.87338	-90.14000	106.80000	0.02325	106.78	0.0	-24.766E-6	495.33E-12				
1	Grid	165.86856	-90.14000	106.80000	0.02308	106.78	0.0	-24.098E-6	481.96E-12				
1	Grid	167.86374	-90.14000	106.80000	0.02290	106.78	0.0	-23.452E-6	469.04E-12				
1	Grid	169.85892	-90.14000	106.80000	0.02271	106.78	0.0	-22.827E-6	456.55E-12				
1	Grid	171.85410	-90.14000	106.80000	0.02252	106.78	0.0	-22.223E-6	444.47E-12				
1	Grid	173.84928	-90.14000	106.80000	0.02232	106.78	0.0	-21.639E-6	432.78E-12				
1	Grid	175.84446	-90.14000	106.80000	0.02211	106.78	0.0	-21.074E-6	421.48E-12				
1	Grid	177.83964	-90.14000	106.80000	0.02190	106.78	0.0	-20.527E-6	410.54E-12				
1	Grid	179.83482	-90.14000	106.80000	0.02168	106.78	0.0	-19.998E-6	399.96E-12				
1	Grid	181.83000	-90.14000	106.80000	0.02145	106.78	0.0	-19.486E-6	389.71E-12				
1	Grid	-95.50000	-88.26525	106.80000	0.01972	106.78	-4.2053E-12	-85.505E-6	1.7101E-9				
1	Grid	-93.50482	-88.26525	106.80000	0.01966	106.78	-4.4478E-12	-88.424E-6	1.7685E-9				
1	Grid	-91.50964	-88.26525	106.80000	0.01958	106.78	-4.7102E-12	-91.442E-6	1.8289E-9				
1	Grid	-89.51446	-88.26525	106.80000	0.01945	106.78	-4.9820E-12	-94.562E-6	1.8912E-9				
1	Grid	-87.51928	-88.26525	106.80000	0.01930	106.78	-5.2705E-12	-97.786E-6	1.9557E-9				
1	Grid	-85.52410	-88.26525	106.80000	0.01910	106.78	-5.5795E-12	-101.11E-6	2.0223E-9				
1	Grid	-83.52892	-88.26525	106.80000	0.01887	106.78	-5.8993E-12	-104.55E-6	2.0910E-9				
1	Grid	-81.53374	-88.26525	106.80000	0.01859	106.78	-6.2423E-12	-108.09E-6	2.1618E-9				
1	Grid	-79.53856	-88.26525	106.80000	0.01828	106.78	-6.6007E-12	-111.74E-6	2.2348E-9				
1	Grid	-77.54338	-88.26525	106.80000	0.01792	106.78	-6.9804E-12	-115.49E-6	2.3099E-9				
1	Grid	-75.54820	-88.26525	106.80000	0.01751	106.78	-7.3801E-12	-119.36E-6	2.3871E-9				
1	Grid	-73.55302	-88.26525	106.80000	0.01705	106.78	-7.7978E-12	-123.32E-6	2.4665E-9				
1	Grid	-71.55784	-88.26525	106.80000	0.01654	106.78	-8.2407E-12	-127.40E-6	2.5479E-9				
1	Grid	-69.56266	-88.26525	106.80000	0.01599	106.78	-8.7030E-12	-131.57E-6	2.6314E-9				
1	Grid	-67.56748	-88.26525	106.80000	0.01538	106.78	-9.1880E-12	-135.84E-6	2.7168E-9				
1	Grid	-65.57230	-88.26525	106.80000	0.01472	106.78	-9.6949E-12	-140.20E-6	2.8041E-9				
1	Grid	-63.57712	-88.26525	106.80000	0.01400	106.78	-10.223E-12	-144.66E-6	2.8932E-9				
1	Grid	-61.58194	-88.26525	106.80000	0.01324	106.78	-10.772E-12	-149.20E-6	2.				

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.	
						3244			
						Drg. Ref.			
						Made by AC	Date	Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
1	Grid	46.15777	-88.26525	106.80000	0.00966	106.78	-12.613E-12	-162.73E-6	3.2547E-9
1	Grid	48.15295	-88.26525	106.80000	0.01058	106.78	-11.986E-12	-157.94E-6	3.1589E-9
1	Grid	50.14813	-88.26525	106.80000	0.01145	106.78	-11.380E-12	-153.22E-6	3.0644E-9
1	Grid	52.14331	-88.26525	106.80000	0.01227	106.78	-10.798E-12	-148.56E-6	2.9713E-9
1	Grid	54.13849	-88.26525	106.80000	0.01304	106.78	-10.236E-12	-143.99E-6	2.8798E-9
1	Grid	56.13367	-88.26525	106.80000	0.01376	106.78	-9.7002E-12	-139.50E-6	2.7901E-9
1	Grid	58.12885	-88.26525	106.80000	0.01443	106.78	-9.1873E-12	-135.11E-6	2.7022E-9
1	Grid	60.12403	-88.26525	106.80000	0.01505	106.78	-8.6944E-12	-130.81E-6	2.6162E-9
1	Grid	62.11921	-88.26525	106.80000	0.01563	106.78	-8.2254E-12	-126.62E-6	2.5323E-9
1	Grid	64.11439	-88.26525	106.80000	0.01617	106.78	-7.7824E-12	-122.53E-6	2.4505E-9
1	Grid	66.10957	-88.26525	106.80000	0.01667	106.78	-7.3548E-12	-118.54E-6	2.3709E-9
1	Grid	68.10475	-88.26525	106.80000	0.01713	106.78	-6.9544E-12	-114.67E-6	2.2934E-9
1	Grid	70.09993	-88.26525	106.80000	0.01755	106.78	-6.5707E-12	-110.90E-6	2.2181E-9
1	Grid	72.09511	-88.26525	106.80000	0.01794	106.78	-6.2090E-12	-107.25E-6	2.1450E-9
1	Grid	74.09029	-88.26525	106.80000	0.01831	106.78	-5.8660E-12	-103.70E-6	2.0741E-9
1	Grid	76.08547	-88.26525	106.80000	0.01865	106.78	-5.5382E-12	-100.27E-6	2.0053E-9
1	Grid	78.08065	-88.26525	106.80000	0.01897	106.78	-5.2311E-12	-96.938E-6	1.9388E-9
1	Grid	80.07583	-88.26525	106.80000	0.01927	106.78	-4.9434E-12	-93.717E-6	1.8743E-9
1	Grid	82.07101	-88.26525	106.80000	0.01959	106.78	-4.6663E-12	-90.601E-6	1.8120E-9
1	Grid	84.06619	-88.26525	106.80000	0.01982	106.78	-4.4065E-12	-87.588E-6	1.7518E-9
1	Grid	86.06137	-88.26525	106.80000	0.02007	106.78	-4.1633E-12	-84.678E-6	1.6935E-9
1	Grid	88.05655	-88.26525	106.80000	0.02032	106.78	-3.9342E-12	-81.866E-6	1.6373E-9
1	Grid	90.05173	-88.26525	106.80000	0.02056	106.78	-3.7157E-12	-79.151E-6	1.5830E-9
1	Grid	92.04691	-88.26525	106.80000	0.02079	106.78	-3.5099E-12	-76.531E-6	1.5306E-9
1	Grid	94.04209	-88.26525	106.80000	0.02102	106.78	-3.3167E-12	-74.003E-6	1.4801E-9
1	Grid	96.03727	-88.26525	106.80000	0.02124	106.78	-3.1355E-12	-71.565E-6	1.4313E-9
1	Grid	98.03245	-88.26525	106.80000	0.02146	106.78	-2.9643E-12	-69.213E-6	1.3843E-9
1	Grid	100.02763	-88.26525	106.80000	0.02168	106.78	-2.8011E-12	-66.946E-6	1.3389E-9
1	Grid	102.02281	-88.26525	106.80000	0.02189	106.78	-2.6499E-12	-64.760E-6	1.2952E-9
1	Grid	104.01799	-88.26525	106.80000	0.02209	106.78	-2.5053E-12	-62.653E-6	1.2531E-9
1	Grid	106.01317	-88.26525	106.80000	0.02230	106.78	-2.3728E-12	-60.623E-6	1.2125E-9
1	Grid	108.00835	-88.26525	106.80000	0.02249	106.78	-2.2442E-12	-58.666E-6	1.1733E-9
1	Grid	110.00353	-88.26525	106.80000	0.02268	106.78	-2.1243E-12	-56.781E-6	1.1356E-9
1	Grid	111.99871	-88.26525	106.80000	0.02287	106.78	-2.0117E-12	-54.965E-6	1.0993E-9
1	Grid	113.99388	-88.26525	106.80000	0.02305	106.78	-1.9051E-12	-53.214E-6	1.0643E-9
1	Grid	115.98906	-88.26525	106.80000	0.02322	106.78	-1.8046E-12	-51.528E-6	1.0306E-9
1	Grid	117.98424	-88.26525	106.80000	0.02338	106.78	-1.7086E-12	-49.903E-6	998.07E-12
1	Grid	119.97942	-88.26525	106.80000	0.02353	106.78	-1.6207E-12	-48.338E-6	966.76E-12
1	Grid	121.97460	-88.26525	106.80000	0.02367	106.78	-1.5361E-12	-46.830E-6	936.59E-12
1	Grid	123.96978	-88.26525	106.80000	0.02380	106.78	-1.4555E-12	-45.376E-6	907.53E-12
1	Grid	125.96496	-88.26525	106.80000	0.02391	106.78	-1.3836E-12	-43.976E-6	879.52E-12
1	Grid	127.96014	-88.26525	106.80000	0.02402	106.78	-1.3123E-12	-42.626E-6	852.53E-12
1	Grid	129.95532	-88.26525	106.80000	0.02411	106.78	-1.2457E-12	-41.326E-6	826.51E-12
1	Grid	131.95050	-88.26525	106.80000	0.02418	106.78	-1.1844E-12	-40.072E-6	801.44E-12
1	Grid	133.94568	-88.26525	106.80000	0.02424	106.78	-1.1238E-12	-38.864E-6	777.27E-12
1	Grid	135.94086	-88.26525	106.80000	0.02429	106.78	-1.0705E-12	-37.699E-6	753.97E-12
1	Grid	137.93604	-88.26525	106.80000	0.02432	106.78	-1.0152E-12	-36.576E-6	731.51E-12
1	Grid	139.93122	-88.26525	106.80000	0.02434	106.78	0.0	-35.492E-6	709.85E-12
1	Grid	141.92640	-88.26525	106.80000	0.02434	106.78	0.0	-34.448E-6	688.96E-12
1	Grid	143.92158	-88.26525	106.80000	0.02432	106.78	0.0	-33.441E-6	668.81E-12
1	Grid	145.91676	-88.26525	106.80000	0.02429	106.78	0.0	-32.469E-6	649.38E-12
1	Grid	147.91194	-88.26525	106.80000	0.02425	106.78	0.0	-31.531E-6	630.63E-12
1	Grid	149.90712	-88.26525	106.80000	0.02419	106.78	0.0	-30.627E-6	612.54E-12
1	Grid	151.90230	-88.26525	106.80000	0.02412	106.78	0.0	-29.754E-6	595.07E-12
1	Grid	153.89748	-88.26525	106.80000	0.02403	106.78	0.0	-28.911E-6	578.22E-12
1	Grid	155.89266	-88.26525	106.80000	0.02393	106.78	0.0	-28.098E-6	561.95E-12
1	Grid	157.88784	-88.26525	106.80000	0.02382	106.78	0.0	-27.312E-6	546.24E-12
1	Grid	159.88302	-88.26525	106.80000	0.02369	106.78	0.0	-26.554E-6	531.07E-12
1	Grid	161.87820	-88.26525	106.80000	0.02355	106.78	0.0	-25.821E-6	516.42E-12
1	Grid	163.87338	-88.26525	106.80000	0.02340	106.78	0.0	-25.113E-6	502.27E-12
1	Grid	165.86856	-88.26525	106.80000	0.02324	106.78	0.0	-24.430E-6	488.59E-12
1	Grid	167.86374	-88.26525	106.80000	0.02308	106.78	0.0	-23.769E-6	475.38E-12
1	Grid	169.85892	-88.26525	106.80000	0.02290	106.78	0.0	-23.130E-6	462.61E-12
1	Grid	171.85410	-88.26525	106.80000	0.02271	106.78	0.0	-22.513E-6	450.26E-12
1	Grid	173.84928	-88.26525	106.80000	0.02251	106.78	0.0	-21.916E-6	438.32E-12
1	Grid	175.84446	-88.26525	106.80000	0.02231	106.78	0.0	-21.339E-6	426.78E-12
1	Grid	177.83964	-88.26525	106.80000	0.02210	106.78	0.0	-20.781E-6	415.61E-12
1	Grid	179.83482	-88.26525	106.80000	0.02188	106.78	0.0	-20.241E-6	404.81E-12
1	Grid	181.83000	-88.26525	106.80000	0.02166	106.78	0.0	-19.718E-6	394.36E-12
1	Grid	183.82518	-88.39050	106.80000	0.01965	106.78	-4.4325E-12	-88.224E-6	1.7645E-9
1	Grid	185.82036	-88.39050	106.80000	0.01956	106.78	-4.6949E-12	-91.300E-6	1.8260E-9
1	Grid	187.81554	-88.39050	106.80000	0.01943	106.78	-4.9747E-12	-94.495E-6	1.8897E-9
1	Grid	189.81072	-88.39050	106.80000	0.01927	106.78	-5.2698E-12	-97.782E-6	1.9556E-9
1	Grid	191.80590	-88.39050	106.80000	0.01907	106.78	-5.5835E-12	-101.19E-6	2.0239E-9
1	Grid	193.79626	-88.39050	106.80000	0.01883	106.78	-5.9146E-12	-104.72E-6	2.0944E-9
1	Grid	195.78662	-88.39050	106.80000	0.01855	106.78	-6.2663E-12	-108.36E-6	2.1672E-9
1	Grid	197.77698	-88.39050	106.80000	0.01822	106.78	-6.6374E-12	-112.12E-6	2.2425E-9
1	Grid								

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term										Job No.	Sheet No.	Rev.			
										3244					
										Drg. Ref.					
Made by AC					Date		Checked								
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain						
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]						
1	Grid	26.20597	-86.39050	106.80000	-0.00547	106.78	-21.727E-12	-223.64E-6	4.4728E-9						
1	Grid	28.20115	-86.39050	106.80000	-0.00414	106.78	-20.889E-12	-218.57E-6	4.3714E-9						
1	Grid	30.19633	-86.39050	106.80000	-0.00281	106.78	-20.047E-12	-213.39E-6	4.2678E-9						
1	Grid	32.19151	-86.39050	106.80000	-0.00148	106.78	-19.205E-12	-208.13E-6	4.1626E-9						
1	Grid	34.18669	-86.39050	106.80000	-0.00017	106.78	-18.371E-12	-202.81E-6	4.0562E-9						
1	Grid	36.18187	-86.39050	106.80000	0.00113	106.78	-17.547E-12	-197.45E-6	3.9491E-9						
1	Grid	38.17705	-86.39050	106.80000	0.00239	106.78	-16.737E-12	-192.08E-6	3.8417E-9						
1	Grid	40.17223	-86.39050	106.80000	0.00362	106.78	-15.944E-12	-186.72E-6	3.7343E-9						
1	Grid	42.16741	-86.39050	106.80000	0.00480	106.78	-15.172E-12	-181.37E-6	3.6275E-9						
1	Grid	44.16259	-86.39050	106.80000	0.00594	106.78	-14.419E-12	-176.07E-6	3.5213E-9						
1	Grid	46.15777	-86.39050	106.80000	0.00702	106.78	-13.690E-12	-170.81E-6	3.4162E-9						
1	Grid	48.15295	-86.39050	106.80000	0.00806	106.78	-12.990E-12	-165.62E-6	3.3124E-9						
1	Grid	50.14813	-86.39050	106.80000	0.00904	106.78	-12.312E-12	-160.51E-6	3.2102E-9						
1	Grid	52.14331	-86.39050	106.80000	0.00996	106.78	-11.662E-12	-155.48E-6	3.1096E-9						
1	Grid	54.13849	-86.39050	106.80000	0.01082	106.78	-11.039E-12	-150.55E-6	3.0110E-9						
1	Grid	56.13367	-86.39050	106.80000	0.01163	106.78	-10.441E-12	-145.72E-6	2.9144E-9						
1	Grid	58.12885	-86.39050	106.80000	0.01238	106.78	-9.8714E-12	-141.00E-6	2.8199E-9						
1	Grid	60.12403	-86.39050	106.80000	0.01308	106.78	-9.3292E-12	-136.38E-6	2.7277E-9						
1	Grid	62.11921	-86.39050	106.80000	0.01373	106.78	-8.8143E-12	-131.89E-6	2.6378E-9						
1	Grid	64.11439	-86.39050	106.80000	0.01433	106.78	-8.3220E-12	-127.51E-6	2.5503E-9						
1	Grid	66.10957	-86.39050	106.80000	0.01489	106.78	-7.8544E-12	-123.26E-6	2.4652E-9						
1	Grid	68.10475	-86.39050	106.80000	0.01540	106.78	-7.4154E-12	-119.13E-6	2.3825E-9						
1	Grid	70.09993	-86.39050	106.80000	0.01587	106.78	-6.9977E-12	-115.12E-6	2.3023E-9						
1	Grid	72.09511	-86.39050	106.80000	0.01632	106.78	-6.6001E-12	-111.23E-6	2.2246E-9						
1	Grid	74.09029	-86.39050	106.80000	0.01673	106.78	-6.2257E-12	-107.46E-6	2.1493E-9						
1	Grid	76.08547	-86.39050	106.80000	0.01711	106.78	-5.8733E-12	-103.82E-6	2.0764E-9						
1	Grid	78.08065	-86.39050	106.80000	0.01747	106.78	-5.5396E-12	-100.29E-6	2.0059E-9						
1	Grid	80.07583	-86.39050	106.80000	0.01781	106.78	-5.2265E-12	-96.887E-6	1.9377E-9						
1	Grid	82.07101	-86.39050	106.80000	0.01813	106.78	-4.9281E-12	-93.595E-6	1.8719E-9						
1	Grid	84.06619	-86.39050	106.80000	0.01844	106.78	-4.6516E-12	-90.417E-6	1.8083E-9						
1	Grid	86.06137	-86.39050	106.80000	0.01874	106.78	-4.3858E-12	-87.349E-6	1.7470E-9						
1	Grid	88.05655	-86.39050	106.80000	0.01903	106.78	-4.1394E-12	-84.390E-6	1.6878E-9						
1	Grid	90.05173	-86.39050	106.80000	0.01931	106.78	-3.9062E-12	-81.536E-6	1.6307E-9						
1	Grid	92.04691	-86.39050	106.80000	0.01958	106.78	-3.6864E-12	-78.785E-6	1.5757E-9						
1	Grid	94.04209	-86.39050	106.80000	0.01986	106.78	-3.4799E-12	-76.133E-6	1.5227E-9						
1	Grid	96.03727	-86.39050	106.80000	0.02012	106.78	-3.2860E-12	-73.578E-6	1.4716E-9						
1	Grid	98.03245	-86.39050	106.80000	0.02039	106.78	-3.1048E-12	-71.116E-6	1.4223E-9						
1	Grid	100.02763	-86.39050	106.80000	0.02065	106.78	-2.9290E-12	-68.745E-6	1.3749E-9						
1	Grid	102.02281	-86.39050	106.80000	0.02091	106.78	-2.7685E-12	-66.462E-6	1.3292E-9						
1	Grid	104.01799	-86.39050	106.80000	0.02117	106.78	-2.6159E-12	-64.263E-6	1.2853E-9						
1	Grid	106.01317	-86.39050	106.80000	0.02142	106.78	-2.4720E-12	-62.146E-6	1.2429E-9						
1	Grid	108.00835	-86.39050	106.80000	0.02167	106.78	-2.3375E-12	-60.108E-6	1.2022E-9						
1	Grid	110.00353	-86.39050	106.80000	0.02191	106.78	-2.2109E-12	-58.145E-6	1.1629E-9						
1	Grid	111.99871	-86.39050	106.80000	0.02215	106.78	-2.0930E-12	-56.256E-6	1.1251E-9						
1	Grid	113.99388	-86.39050	106.80000	0.02237	106.78	-1.9797E-12	-54.438E-6	1.0888E-9						
1	Grid	115.98906	-86.39050	106.80000	0.02259	106.78	-1.8752E-12	-52.687E-6	1.0537E-9						
1	Grid	117.98424	-86.39050	106.80000	0.02280	106.78	-1.7719E-12	-51.002E-6	1.0200E-9						
1	Grid	119.97942	-86.39050	106.80000	0.02300	106.78	-1.6807E-12	-49.379E-6	987.59E-12						
1	Grid	121.97460	-86.39050	106.80000	0.02319	106.78	-1.5894E-12	-47.817E-6	956.34E-12						
1	Grid	123.96978	-86.39050	106.80000	0.02337	106.78	-1.5075E-12	-46.313E-6	926.26E-12						
1	Grid	125.96496	-86.39050	106.80000	0.02353	106.78	-1.4302E-12	-44.865E-6	897.29E-12						
1	Grid	127.96014	-86.39050	106.80000	0.02368	106.78	-1.3562E-12	-43.470E-6	869.40E-12						
1	Grid	129.95532	-86.39050	106.80000	0.02381	106.78	-1.2870E-12	-42.126E-6	842.53E-12						
1	Grid	131.95050	-86.39050	106.80000	0.02393	106.78	-1.2204E-12	-40.833E-6	816.65E-12						
1	Grid	133.94568	-86.39050	106.80000	0.02402	106.78	-1.1597E-12	-39.586E-6	791.72E-12						
1	Grid	135.94086	-86.39050	106.80000	0.02411	106.78	-1.1005E-12	-38.385E-6	767.70E-12						
1	Grid	137.93604	-86.39050	106.80000	0.02417	106.78	-1.0445E-12	-37.228E-6	744.56E-12						
1	Grid	139.93122	-86.39050	106.80000	0.02422	106.78	0.0	-36.113E-6	722.26E-12						
1	Grid	141.92640	-86.39050	106.80000	0.02425	106.78	0.0	-35.038E-6	700.77E-12						
1	Grid	143.92158	-86.39050	106.80000	0.02427	106.78	0.0	-34.002E-6	680.05E-12						
1	Grid	145.91676	-86.39050	106.80000	0.02427	106.78	0.0	-33.004E-6	660.07E-12						
1	Grid	147.91194	-86.39050	106.80000	0.02425	106.78	0.0	-32.040E-6	640.81E-12						
1	Grid	149.90712	-86.39050	106.80000	0.02421	106.78	0.0	-31.112E-6	622.23E-12						
1	Grid	151.90230	-86.39050	106.80000	0.02416	106.78	0.0	-30.216E-6	604.31E-12						
1	Grid	153.89748	-86.39050	106.80000	0.02409	106.78	0.0	-29.351E-6	587.03E-12						
1	Grid	155.89266	-86.39050	106.80000	0.02401	106.78	0.0	-28.517E-6	570.35E-12						
1	Grid	157.88784	-86.39050	106.80000	0.02392	106.78	0.0	-27.712E-6	554.25E-12						
1	Grid	159.88302	-86.39050	106.80000	0.02381	106.78	0.0	-26.936E-6	538.71E-12						
1	Grid	161.87820	-86.39050	106.80000	0.02368	106.78	0.0	-26.186E-6	523.71E-12						
1	Grid	163.87338	-86.39050	106.80000	0.02355	106.78	0.0	-25.461E-6	509.23E-12						
1	Grid	165.86856	-86.39050	106.80000	0.02340	106.78	0.0	-24.762E-6	495.24E-12						
1	Grid	167.86374	-86.39050	106.80000	0.02324	106.78	0.0	-24.086E-6	481.72E-12						
1	Grid	169.85892	-86.39050	106.80000	0.02307	106.78	0.0	-23.433E-6	468.67E-12						
1	Grid	171.85410	-86.39050	106.80000	0.02289	106.78	0.0	-22.803E-6	456.05E-12						
1	Grid	173.84928	-86.39050	106.80000	0.02270	106.78	0.0	-22.193E-6	443.86E-12						
1	Grid	175.84446	-86.39050	106.80000	0.02250	106.78	0.0	-21.604E-6	432.08E-12						
1	Grid	177.83964	-86.39050	106.80000	0.02230	106.78	0.0	-21.034E-6	420.68E-12						
1	Grid	179.83482	-86.39050	106.80000	0.02209	106.78	0.0	-20.483E-6	409.66E-12						
1	Grid	181.83000	-86.39050	106.80000	0.02187	106.78	0.0	-19.950E-6	399.00E-12						
1	Grid	-95.50000	-84.51576	106.80000	0.01955	106.78	-4.6709E-12	-91.027E-6	1.8205E-9						
1	Grid	-93.50482	-84.51576	106.80000	0.01942	106.78	-4.9527E-12	-94.269E-6	1.8854E-9						
1	Grid	-91.50964	-84.51576	106.80000	0.01926	106.78	-5.2538E-12	-97.631E-6	1.9526E-9						
1	Grid	-89.51446	-84.51576	106.80000	0.01906	106.78	-5.5735E-12	-101.11E-6	2.0223E-9						
1	Grid	-87.51928	-84.51576	106.80000	0.01881	106.78	-5.9153E-12	-104.72E-6	2.0945E-9						
1	Grid	-85.52410	-84.51576	106.80000	0.01852	106.78	-6.2697E-12	-108.46E-6	2.1692E-9						
1	Grid	-83.52892	-84.51576	106.80000	0.01819	106.78	-6.6547E-12	-112.32E-6	2.2455E-9						
1	Grid	-81.53374	-84.51576	106.80000	0.01778	106.78	-								



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	6.25417	-84.51576	106.80000	-0.02233	106.78	-32.006E-12	-280.34E-6	5.6068E-9
1	Grid	8.24935	-84.51576	106.80000	-0.02154	106.78	-31.465E-12	-277.54E-6	5.5509E-9
1	Grid	10.24453	-84.51576	106.80000	-0.02062	106.78	-30.847E-12	-274.33E-6	5.4867E-9
1	Grid	12.23971	-84.51576	106.80000	-0.01959	106.78	-30.155E-12	-270.74E-6	5.4148E-9
1	Grid	14.23489	-84.51576	106.80000	-0.01845	106.78	-29.405E-12	-266.78E-6	5.3356E-9
1	Grid	16.23007	-84.51576	106.80000	-0.01722	106.78	-28.599E-12	-262.50E-6	5.2500E-9
1	Grid	18.22525	-84.51576	106.80000	-0.01591	106.78	-27.744E-12	-257.91E-6	5.1583E-9
1	Grid	20.22043	-84.51576	106.80000	-0.01454	106.78	-26.853E-12	-253.07E-6	5.0613E-9
1	Grid	22.21561	-84.51576	106.80000	-0.01311	106.78	-25.932E-12	-247.98E-6	4.9596E-9
1	Grid	24.21079	-84.51576	106.80000	-0.01163	106.78	-24.989E-12	-242.70E-6	4.8539E-9
1	Grid	26.20597	-84.51576	106.80000	-0.01013	106.78	-24.030E-12	-237.24E-6	4.7448E-9
1	Grid	28.20115	-84.51576	106.80000	-0.00862	106.78	-23.064E-12	-231.64E-6	4.6329E-9
1	Grid	30.19633	-84.51576	106.80000	-0.00710	106.78	-22.094E-12	-225.94E-6	4.5188E-9
1	Grid	32.19151	-84.51576	106.80000	-0.00558	106.78	-21.132E-12	-220.15E-6	4.4030E-9
1	Grid	34.18669	-84.51576	106.80000	-0.00409	106.78	-20.177E-12	-214.31E-6	4.2862E-9
1	Grid	36.18187	-84.51576	106.80000	-0.00262	106.78	-19.239E-12	-208.44E-6	4.1688E-9
1	Grid	38.17705	-84.51576	106.80000	-0.00119	106.78	-18.317E-12	-202.56E-6	4.0513E-9
1	Grid	40.17223	-84.51576	106.80000	0.00020	106.78	-17.417E-12	-196.70E-6	3.9340E-9
1	Grid	42.16741	-84.51576	106.80000	0.00154	106.78	-16.543E-12	-190.87E-6	3.8175E-9
1	Grid	44.16259	-84.51576	106.80000	0.00283	106.78	-15.694E-12	-185.10E-6	3.7019E-9
1	Grid	46.15777	-84.51576	106.80000	0.00405	106.78	-14.875E-12	-178.39E-6	3.5877E-9
1	Grid	48.15295	-84.51576	106.80000	0.00522	106.78	-14.087E-12	-173.76E-6	3.4752E-9
1	Grid	50.14813	-84.51576	106.80000	0.00632	106.78	-13.329E-12	-168.22E-6	3.3644E-9
1	Grid	52.14331	-84.51576	106.80000	0.00735	106.78	-12.603E-12	-162.79E-6	3.2558E-9
1	Grid	54.13849	-84.51576	106.80000	0.00832	106.78	-11.909E-12	-157.47E-6	3.1493E-9
1	Grid	56.13367	-84.51576	106.80000	0.00923	106.78	-11.246E-12	-152.26E-6	3.0452E-9
1	Grid	58.12885	-84.51576	106.80000	0.01007	106.78	-10.615E-12	-147.18E-6	2.9437E-9
1	Grid	60.12403	-84.51576	106.80000	0.01085	106.78	-10.014E-12	-142.23E-6	2.8446E-9
1	Grid	62.11921	-84.51576	106.80000	0.01157	106.78	-9.4424E-12	-137.41E-6	2.7483E-9
1	Grid	64.11439	-84.51576	106.80000	0.01224	106.78	-8.9049E-12	-132.73E-6	2.6546E-9
1	Grid	66.10957	-84.51576	106.80000	0.01287	106.78	-8.3924E-12	-128.19E-6	2.5637E-9
1	Grid	68.10475	-84.51576	106.80000	0.01343	106.78	-7.9077E-12	-123.78E-6	2.4755E-9
1	Grid	70.09993	-84.51576	106.80000	0.01396	106.78	-7.4514E-12	-119.51E-6	2.3901E-9
1	Grid	72.09511	-84.51576	106.80000	0.01445	106.78	-7.0204E-12	-115.37E-6	2.3074E-9
1	Grid	74.09029	-84.51576	106.80000	0.01491	106.78	-6.6120E-12	-111.37E-6	2.2274E-9
1	Grid	76.08547	-84.51576	106.80000	0.01534	106.78	-6.2297E-12	-107.50E-6	2.1501E-9
1	Grid	78.08065	-84.51576	106.80000	0.01575	106.78	-5.8660E-12	-103.77E-6	2.0754E-9
1	Grid	80.07583	-84.51576	106.80000	0.01613	106.78	-5.5249E-12	-100.17E-6	2.0033E-9
1	Grid	82.07101	-84.51576	106.80000	0.01650	106.78	-5.2045E-12	-96.689E-6	1.9338E-9
1	Grid	84.06619	-84.51576	106.80000	0.01685	106.78	-4.9047E-12	-93.336E-6	1.8667E-9
1	Grid	86.06137	-84.51576	106.80000	0.01719	106.78	-4.6216E-12	-90.103E-6	1.8021E-9
1	Grid	88.05655	-84.51576	106.80000	0.01753	106.78	-4.3565E-12	-86.989E-6	1.7398E-9
1	Grid	90.05173	-84.51576	106.80000	0.01786	106.78	-4.1047E-12	-83.988E-6	1.6798E-9
1	Grid	92.04691	-84.51576	106.80000	0.01818	106.78	-3.8702E-12	-81.099E-6	1.6220E-9
1	Grid	94.04209	-84.51576	106.80000	0.01850	106.78	-3.6477E-12	-78.318E-6	1.5664E-9
1	Grid	96.03727	-84.51576	106.80000	0.01879	106.78	-3.4405E-12	-75.641E-6	1.5128E-9
1	Grid	98.03245	-84.51576	106.80000	0.01914	106.78	-3.2481E-12	-73.065E-6	1.4613E-9
1	Grid	100.02763	-84.51576	106.80000	0.01945	106.78	-3.0629E-12	-70.586E-6	1.4117E-9
1	Grid	102.02281	-84.51576	106.80000	0.01977	106.78	-2.8904E-12	-68.201E-6	1.3640E-9
1	Grid	104.01799	-84.51576	106.80000	0.02008	106.78	-2.7285E-12	-65.906E-6	1.3181E-9
1	Grid	106.01317	-84.51576	106.80000	0.02036	106.78	-2.5779E-12	-63.699E-6	1.2740E-9
1	Grid	108.00835	-84.51576	106.80000	0.02069	106.78	-2.4334E-12	-61.577E-6	1.2315E-9
1	Grid	110.00353	-84.51576	106.80000	0.02099	106.78	-2.2982E-12	-59.535E-6	1.1907E-9
1	Grid	111.99871	-84.51576	106.80000	0.02129	106.78	-2.1743E-12	-57.571E-6	1.1514E-9
1	Grid	113.99389	-84.51576	106.80000	0.02157	106.78	-2.0557E-12	-55.682E-6	1.1136E-9
1	Grid	115.98906	-84.51576	106.80000	0.02185	106.78	-1.9464E-12	-53.845E-6	1.0773E-9
1	Grid	117.98424	-84.51576	106.80000	0.02212	106.78	-1.8385E-12	-52.117E-6	1.0423E-9
1	Grid	119.97942	-84.51576	106.80000	0.02237	106.78	-1.7399E-12	-50.435E-6	1.0087E-9
1	Grid	121.97460	-84.51576	106.80000	0.02262	106.78	-1.6460E-12	-48.818E-6	976.36E-12
1	Grid	123.96978	-84.51576	106.80000	0.02285	106.78	-1.5588E-12	-47.261E-6	945.23E-12
1	Grid	125.96496	-84.51576	106.80000	0.02306	106.78	-1.4801E-12	-45.764E-6	915.28E-12
1	Grid	127.96014	-84.51576	106.80000	0.02326	106.78	-1.4022E-12	-44.323E-6	886.45E-12
1	Grid	129.95532	-84.51576	106.80000	0.02344	106.78	-1.3283E-12	-42.936E-6	858.71E-12
1	Grid	131.95050	-84.51576	106.80000	0.02360	106.78	-1.2583E-12	-41.601E-6	832.01E-12
1	Grid	133.94568	-84.51576	106.80000	0.02374	106.78	-1.1937E-12	-40.315E-6	806.30E-12
1	Grid	135.94086	-84.51576	106.80000	0.02387	106.78	-1.1351E-12	-39.076E-6	781.55E-12
1	Grid	137.93604	-84.51576	106.80000	0.02397	106.78	-1.0758E-12	-37.886E-6	757.72E-12
1	Grid	139.93122	-84.51576	106.80000	0.02406	106.78	-1.0225E-12	-36.738E-6	734.77E-12
1	Grid	141.92640	-84.51576	106.80000	0.02413	106.78	0.0	-35.633E-6	712.66E-12
1	Grid	143.92158	-84.51576	106.80000	0.02417	106.78	0.0	-34.568E-6	691.35E-12
1	Grid	145.91676	-84.51576	106.80000	0.02420	106.78	0.0	-33.541E-6	670.82E-12
1	Grid	147.91194	-84.51576	106.80000	0.02421	106.78	0.0	-32.552E-6	651.04E-12
1	Grid	149.90712	-84.51576	106.80000	0.02420	106.78	0.0	-31.599E-6	631.98E-12
1	Grid	151.90230	-84.51576	106.80000	0.02418	106.78	0.0	-30.680E-6	613.59E-12
1	Grid	153.89748	-84.51576	106.80000	0.02413	106.78	0.0	-29.793E-6	595.87E-12
1	Grid	155.89266	-84.51576	106.80000	0.02407	106.78	0.0	-28.940E-6	577.77E-12
1	Grid	157.88784	-84.51576	106.80000	0.02400	106.78	0.0	-28.114E-6	562.28E-12
1	Grid	159.88302	-84.51576	106.80000	0.02390	106.78	0.0	-27.318E-6	546.37E-12
1	Grid	161.87820	-84.51576	106.80000	0.02379	106.78	0.0	-26.551E-6	531.01E-12
1	Grid	163.87338	-84.51576	106.80000	0.02367	106.78	0.0	-25.810E-6	516.19E-12
1	Grid	165.86856	-84.51576	106.80000	0.02354	106.78	0.0	-25.094E-6	501.89E-12
1	Grid	167.86374	-84.51576	106.80000	0.02339	106.78	0.0	-24.404E-6	488.07E-12
1	Grid	169.85892	-84.51576	106.80000	0.02323	106.78	0.0	-23.737E-6	474.73E-12
1	Grid	171.85410	-84.51576	106.80000	0.02306	106.78	0.0	-23.092E-6	461.85E-12
1	Grid	173.84928	-84.51576	106.80000	0.02288	106.78	0.0	-22.470E-6	449.40E-12
1	Grid	175.84446	-84.51576	106.80000	0.02269	106.78	0.0	-21.869E-6	437.37E-12
1	Grid	177.83964	-84.51576	106.80000	0.02249	106.78	0.0	-21.287E-6	425.75E-12
1	Grid	179.83482	-84.51576	106.80000	0.02228	106.78	0.0	-20.725E-6	414.51E-12
1	Grid	181.83000	-84.51576	106.80000	0.02207	106.78	0.0	-20.182E-6	403.64E-12
1	Grid	183.82518	-84.51576	106.80000	0.02184	106.78	-4.9207E-12	-93.917E-6	1.8783E-9
1	Grid	185.82036	-84.51576	106.80000	0.02160	106.78	-5.2272E-12	-97.348E-6	1.9467E-9
1	Grid	187.81554	-84.51576	106.80000	0.02135	106.78	-5.5502E-12	-100.88E-6	2.0176E-9
1	Grid	189.81072	-84.51576	106.80000	0.02110	106.78	-5.8960E-12	-104.56E-6	2.0913E-9
1	Grid	191.80590	-84.51576	106.80000	0.02085	106.78	-6.2643E-12	-108.38E-6	2.1676E-9
1	Grid	193.80108	-84.51576	106.80000	0.02060	106.78	-6.6533E-12	-112.34E-6	2.2468E-9
1	Grid	195.79626	-84.51576	106.80000	0.02034	106.78	-7.0703E-12	-116.44E-6	2.3286E-9
1	Grid	197.79144	-84.51576	106.80000	0.02009	106.78	-7.5073E-12	-120.68E-6	2.4137E-9
1	Grid	199.78662	-84.51576	106.80000	0.01983	106.78	-7.9770E-12	-125.08E-6	2.5015E-9
1	Grid	201.78180	-84.51576	106.80000	0.				

Highgate Junior School Sports Hall Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
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Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	-13.69763	-82.64101	106.80000	-0.02898	106.78	-36.2559E-12	-302.266E-6	6.0452E-9
1	Grid	-11.70245	-82.64101	106.80000	-0.02980	106.78	-36.7399E-12	-304.455E-6	6.0890E-9
1	Grid	-9.70727	-82.64101	106.80000	-0.03046	106.78	-37.1079E-12	-306.139E-6	6.1225E-9
1	Grid	-7.71209	-82.64101	106.80000	-0.03094	106.78	-37.3679E-12	-307.279E-6	6.1453E-9
1	Grid	-5.71691	-82.64101	106.80000	-0.03124	106.78	-37.5108E-12	-307.866E-6	6.1572E-9
1	Grid	-3.72173	-82.64101	106.80000	-0.03136	106.78	-37.5399E-12	-307.909E-6	6.1580E-9
1	Grid	-1.72655	-82.64101	106.80000	-0.03131	106.78	-37.4459E-12	-307.389E-6	6.1476E-9
1	Grid	0.26863	-82.64101	106.80000	-0.03107	106.78	-37.2369E-12	-306.329E-6	6.1263E-9
1	Grid	2.26381	-82.64101	106.80000	-0.03066	106.78	-36.9129E-12	-304.719E-6	6.0941E-9
1	Grid	4.25899	-82.64101	106.80000	-0.03008	106.78	-36.4809E-12	-302.579E-6	6.0514E-9
1	Grid	6.25417	-82.64101	106.80000	-0.02933	106.78	-35.9399E-12	-299.939E-6	5.9985E-9
1	Grid	8.24935	-82.64101	106.80000	-0.02843	106.78	-35.3029E-12	-296.809E-6	5.9359E-9
1	Grid	10.24453	-82.64101	106.80000	-0.02738	106.78	-34.5749E-12	-293.219E-6	5.8641E-9
1	Grid	12.23971	-82.64101	106.80000	-0.02620	106.78	-33.7639E-12	-289.199E-6	5.7837E-9
1	Grid	14.23489	-82.64101	106.80000	-0.02490	106.78	-32.8819E-12	-284.779E-6	5.6954E-9
1	Grid	16.23007	-82.64101	106.80000	-0.02350	106.78	-31.9389E-12	-279.999E-6	5.5998E-9
1	Grid	18.22525	-82.64101	106.80000	-0.02200	106.78	-30.9419E-12	-274.899E-6	5.4977E-9
1	Grid	20.22043	-82.64101	106.80000	-0.02042	106.78	-29.9029E-12	-269.499E-6	5.3898E-9
1	Grid	22.21561	-82.64101	106.80000	-0.01879	106.78	-28.8319E-12	-263.849E-6	5.2768E-9
1	Grid	24.21079	-82.64101	106.80000	-0.01711	106.78	-27.7369E-12	-257.989E-6	5.1596E-9
1	Grid	26.20597	-82.64101	106.80000	-0.01539	106.78	-26.6259E-12	-251.949E-6	5.0387E-9
1	Grid	28.20115	-82.64101	106.80000	-0.01366	106.78	-25.5089E-12	-245.759E-6	4.9150E-9
1	Grid	30.19633	-82.64101	106.80000	-0.01193	106.78	-24.3949E-12	-239.459E-6	4.7891E-9
1	Grid	32.19151	-82.64101	106.80000	-0.01020	106.78	-23.2899E-12	-233.089E-6	4.6616E-9
1	Grid	34.18669	-82.64101	106.80000	-0.00850	106.78	-22.1959E-12	-226.669E-6	4.5331E-9
1	Grid	36.18187	-82.64101	106.80000	-0.00677	106.78	-21.1229E-12	-220.219E-6	4.4042E-9
1	Grid	38.17705	-82.64101	106.80000	-0.00521	106.78	-20.0739E-12	-213.779E-6	4.2754E-9
1	Grid	40.17223	-82.64101	106.80000	-0.00363	106.78	-19.0509E-12	-207.369E-6	4.1472E-9
1	Grid	42.16741	-82.64101	106.80000	-0.00212	106.78	-18.0589E-12	-201.009E-6	4.0199E-9
1	Grid	44.16259	-82.64101	106.80000	-0.00066	106.78	-17.1029E-12	-194.709E-6	3.8941E-9
1	Grid	46.15777	-82.64101	106.80000	0.00077	106.78	-16.1799E-12	-188.499E-6	3.7699E-9
1	Grid	48.15295	-82.64101	106.80000	0.00203	106.78	-15.2929E-12	-182.389E-6	3.6476E-9
1	Grid	50.14813	-82.64101	106.80000	0.00327	106.78	-14.4439E-12	-176.389E-6	3.5277E-9
1	Grid	52.14331	-82.64101	106.80000	0.00443	106.78	-13.6279E-12	-170.519E-6	3.4101E-9
1	Grid	54.13849	-82.64101	106.80000	0.00551	106.78	-12.8549E-12	-164.769E-6	3.2952E-9
1	Grid	56.13367	-82.64101	106.80000	0.00659	106.78	-12.1179E-12	-159.159E-6	3.1810E-9
1	Grid	58.12885	-82.64101	106.80000	0.00746	106.78	-11.4179E-12	-153.699E-6	3.0737E-9
1	Grid	60.12403	-82.64101	106.80000	0.00833	106.78	-10.7539E-12	-148.379E-6	2.9674E-9
1	Grid	62.11921	-82.64101	106.80000	0.00914	106.78	-10.1239E-12	-143.209E-6	2.8641E-9
1	Grid	64.11439	-82.64101	106.80000	0.00988	106.78	-9.52979E-12	-138.199E-6	2.7638E-9
1	Grid	66.10957	-82.64101	106.80000	0.01057	106.78	-8.96759E-12	-133.339E-6	2.6666E-9
1	Grid	68.10475	-82.64101	106.80000	0.01120	106.78	-8.43869E-12	-128.639E-6	2.5725E-9
1	Grid	70.09993	-82.64101	106.80000	0.01179	106.78	-7.93439E-12	-124.079E-6	2.4815E-9
1	Grid	72.09511	-82.64101	106.80000	0.01233	106.78	-7.46549E-12	-119.689E-6	2.3935E-9
1	Grid	74.09029	-82.64101	106.80000	0.01284	106.78	-7.01979E-12	-115.439E-6	2.3085E-9
1	Grid	76.08547	-82.64101	106.80000	0.01332	106.78	-6.60479E-12	-111.339E-6	2.2265E-9
1	Grid	78.08065	-82.64101	106.80000	0.01378	106.78	-6.21309E-12	-107.379E-6	2.1474E-9
1	Grid	80.07583	-82.64101	106.80000	0.01421	106.78	-5.84479E-12	-103.569E-6	2.0712E-9
1	Grid	82.07101	-82.64101	106.80000	0.01462	106.78	-5.49969E-12	-99.8849E-6	1.9977E-9
1	Grid	84.06619	-82.64101	106.80000	0.01502	106.78	-5.17329E-12	-96.3469E-6	1.9269E-9
1	Grid	86.06137	-82.64101	106.80000	0.01541	106.78	-4.86689E-12	-92.9409E-6	1.8588E-9
1	Grid	88.05655	-82.64101	106.80000	0.01580	106.78	-4.58109E-12	-89.6639E-6	1.7933E-9
1	Grid	90.05173	-82.64101	106.80000	0.01618	106.78	-4.31459E-12	-86.5099E-6	1.7302E-9
1	Grid	92.04691	-82.64101	106.80000	0.01656	106.78	-4.06149E-12	-83.4769E-6	1.6695E-9
1	Grid	94.04209	-82.64101	106.80000	0.01693	106.78	-3.82499E-12	-80.5599E-6	1.6112E-9
1	Grid	96.03727	-82.64101	106.80000	0.01729	106.78	-3.60319E-12	-77.7549E-6	1.5552E-9
1	Grid	98.03245	-82.64101	106.80000	0.01768	106.78	-3.39609E-12	-75.0589E-6	1.5012E-9
1	Grid	100.02763	-82.64101	106.80000	0.01806	106.78	-3.19889E-12	-72.4679E-6	1.4493E-9
1	Grid	102.02281	-82.64101	106.80000	0.01844	106.78	-3.01969E-12	-69.9769E-6	1.3995E-9
1	Grid	104.01799	-82.64101	106.80000	0.01881	106.78	-2.84519E-12	-67.5839E-6	1.3517E-9
1	Grid	106.01317	-82.64101	106.80000	0.01919	106.78	-2.68599E-12	-65.2839E-6	1.3057E-9
1	Grid	108.00835	-82.64101	106.80000	0.01956	106.78	-2.53469E-12	-63.0729E-6	1.2614E-9
1	Grid	110.00353	-82.64101	106.80000	0.01992	106.78	-2.39219E-12	-60.9489E-6	1.2190E-9
1	Grid	111.99871	-82.64101	106.80000	0.02028	106.78	-2.25959E-12	-58.9079E-6	1.1781E-9
1	Grid	113.99389	-82.64101	106.80000	0.02063	106.78	-2.13369E-12	-56.9459E-6	1.1389E-9
1	Grid	115.98907	-82.64101	106.80000	0.02098	106.78	-2.01449E-12	-55.0609E-6	1.1012E-9
1	Grid	117.98424	-82.64101	106.80000	0.02131	106.78	-1.90519E-12	-53.2489E-6	1.0650E-9
1	Grid	119.97942	-82.64101	106.80000	0.02163	106.78	-1.80199E-12	-51.5069E-6	1.0301E-9
1	Grid	121.97460	-82.64101	106.80000	0.02193	106.78	-1.70739E-12	-49.8319E-6	996.62E-12
1	Grid	123.96978	-82.64101	106.80000	0.02222	106.78	-1.61409E-12	-48.2219E-6	964.42E-12
1	Grid	125.96496	-82.64101	106.80000	0.02249	106.78	-1.52949E-12	-46.6739E-6	933.46E-12
1	Grid	127.96014	-82.64101	106.80000	0.02275	106.78	-1.44829E-12	-45.1859E-6	903.69E-12
1	Grid	129.95532	-82.64101	106.80000	0.02298	106.78	-1.37099E-12	-43.7539E-6	875.06E-12
1	Grid	131.95050	-82.64101	106.80000	0.02319	106.78	-1.29969E-12	-42.3769E-6	847.51E-12
1	Grid	133.94568	-82.64101	106.80000	0.02339	106.78	-1.23109E-12	-41.0519E-6	821.01E-12
1	Grid	135.94086	-82.64101	106.80000	0.02356	106.78	-1.16489E-12	-39.7759E-6	795.51E-12
1	Grid	137.93604	-82.64101	106.80000	0.02371	106.78	-1.10919E-12	-38.5499E-6	770.98E-12
1	Grid	139.93122	-82.64101	106.80000	0.02384	106.78	-1.05129E-12	-37.3689E-6	747.36E-12
1	Grid	141.92640	-82.64101	106.80000	0.02395	106.78	0.0	-36.2319E-6	724.62E-12
1	Grid	143.92158	-82.64101	106.80000	0.02403	106.78	0.0	-35.1369E-6	702.72E-12
1	Grid	145.91676	-82.64101	106.80000	0.02409	106.78	0.0	-34.0829E-6	681.64E-12
1	Grid	147.91194	-82.64101	106.80000	0.02414	106.78	0.0	-33.0669E-6	661.33E-12
1	Grid	149.90712	-82.64101	106.80000	0.02416	106.78	0.0	-32.0889E-6	641.76E-12
1	Grid	151.90230	-82.64101	106.80000	0.02416	106.78	0.0	-31.1459E-6	622.90E-12
1	Grid	153.89748	-82.64101	106.80000	0.02414	106.78	0.0	-30.2379E-6	604.73E-12
1	Grid	155.89266	-82.64101	106.80000	0.02410	106.78	0.0	-29.3619E-6	587.21E-12
1	Grid	157.88784	-82.64101	106.80000	0.02405	106.78	0.0	-28.5169E-6	570.32E-12
1	Grid	159.88302	-82.64101	106.80000	0.02398	106.78	0.0	-27.7029E-6	554.04E-12
1	Grid	161.87820	-82.64101	106.80000	0.02389	106.78	0.0	-26.9169E-6	538.32E-12
1	Grid	163.87338	-82.64101	106.80000	0.02378	106.78	0.0	-26.1589E-6	523.17E-12
1	Grid	165.86856	-82.64101	106.80000	0.02365	106.78	0.0	-25.4279E-6	508.58E-12
1	Grid	167.86374	-82.64101	106.80000	0.02353	106.78	0.0	-24.7219E-6	494.42E-12
1	Grid	169.85892	-82.64101	106.80000	0.02338	106.78	0.0	-24.0409E-6	480.80E-12
1	Grid	171.85410	-82.64101	106.80000	0.02322	106.78	0.0	-23.3829E-6	467.64E-12
1	Grid	173.84928	-82.64101	106.80000	0.02305	106.78	0.0	-22.7479E-6	454.93E-12
1	Grid	175.84446	-82.64101	106.80000	0.02286	106.78	0.0	-22.1329E-6	442.66E-12
1	Grid	177.839							

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	-35.64942	-80.76626	106.80000	-0.01940	106.78	-30.436E-12	-274.16E-6	5.4833E-9
1	Grid	-31.65424	-80.76626	106.80000	-0.02152	106.78	-31.693E-12	-280.62E-6	5.6123E-9
1	Grid	-29.65906	-80.76626	106.80000	-0.02360	106.78	-32.934E-12	-286.85E-6	5.7370E-9
1	Grid	-27.66388	-80.76626	106.80000	-0.02562	106.78	-34.143E-12	-292.83E-6	5.8565E-9
1	Grid	-25.66871	-80.76626	106.80000	-0.02756	106.78	-35.313E-12	-298.50E-6	5.9700E-9
1	Grid	-23.67353	-80.76626	106.80000	-0.02941	106.78	-36.430E-12	-303.83E-6	6.0767E-9
1	Grid	-21.67835	-80.76626	106.80000	-0.03116	106.78	-37.485E-12	-308.78E-6	6.1756E-9
1	Grid	-19.68317	-80.76626	106.80000	-0.03277	106.78	-38.467E-12	-313.31E-6	6.2661E-9
1	Grid	-17.68799	-80.76626	106.80000	-0.03425	106.78	-39.357E-12	-317.37E-6	6.3474E-9
1	Grid	-15.69281	-80.76626	106.80000	-0.03557	106.78	-40.154E-12	-320.93E-6	6.4187E-9
1	Grid	-13.69763	-80.76626	106.80000	-0.03671	106.78	-40.835E-12	-323.97E-6	6.4793E-9
1	Grid	-11.70245	-80.76626	106.80000	-0.03768	106.78	-41.404E-12	-326.44E-6	6.5288E-9
1	Grid	-9.70727	-80.76626	106.80000	-0.03846	106.78	-41.843E-12	-328.33E-6	6.5667E-9
1	Grid	-7.71209	-80.76626	106.80000	-0.03903	106.78	-42.156E-12	-329.62E-6	6.5924E-9
1	Grid	-5.71691	-80.76626	106.80000	-0.03940	106.78	-42.327E-12	-330.30E-6	6.6059E-9
1	Grid	-3.72173	-80.76626	106.80000	-0.03951	106.78	-42.358E-12	-330.35E-6	6.6069E-9
1	Grid	-1.72655	-80.76626	106.80000	-0.03951	106.78	-42.250E-12	-329.77E-6	6.5954E-9
1	Grid	0.26863	-80.76626	106.80000	-0.03925	106.78	-42.006E-12	-328.57E-6	6.5715E-9
1	Grid	2.26381	-80.76626	106.80000	-0.03879	106.78	-41.622E-12	-326.77E-6	6.5354E-9
1	Grid	4.25899	-80.76626	106.80000	-0.03813	106.78	-41.109E-12	-324.37E-6	6.4874E-9
1	Grid	6.25417	-80.76626	106.80000	-0.03728	106.78	-40.470E-12	-321.40E-6	6.4280E-9
1	Grid	8.24935	-80.76626	106.80000	-0.03625	106.78	-39.718E-12	-317.89E-6	6.3577E-9
1	Grid	10.24453	-80.76626	106.80000	-0.03505	106.78	-38.861E-12	-313.86E-6	6.2772E-9
1	Grid	12.23971	-80.76626	106.80000	-0.03370	106.78	-37.905E-12	-309.35E-6	6.1871E-9
1	Grid	14.23489	-80.76626	106.80000	-0.03221	106.78	-36.871E-12	-304.41E-6	6.0882E-9
1	Grid	16.23007	-80.76626	106.80000	-0.03060	106.78	-35.760E-12	-299.07E-6	5.9813E-9
1	Grid	18.22525	-80.76626	106.80000	-0.02888	106.78	-34.592E-12	-293.37E-6	5.8673E-9
1	Grid	20.22043	-80.76626	106.80000	-0.02708	106.78	-33.375E-12	-287.35E-6	5.7470E-9
1	Grid	22.21561	-80.76626	106.80000	-0.02520	106.78	-32.126E-12	-281.06E-6	5.6212E-9
1	Grid	24.21079	-80.76626	106.80000	-0.02328	106.78	-30.852E-12	-274.55E-6	5.4909E-9
1	Grid	26.20597	-80.76626	106.80000	-0.02128	106.78	-29.564E-12	-267.84E-6	5.3568E-9
1	Grid	28.20115	-80.76626	106.80000	-0.01934	106.78	-28.268E-12	-260.99E-6	5.2198E-9
1	Grid	30.19633	-80.76626	106.80000	-0.01736	106.78	-26.983E-12	-254.03E-6	5.0805E-9
1	Grid	32.19151	-80.76626	106.80000	-0.01540	106.78	-25.707E-12	-246.99E-6	4.9398E-9
1	Grid	34.18669	-80.76626	106.80000	-0.01346	106.78	-24.452E-12	-239.92E-6	4.7983E-9
1	Grid	36.18187	-80.76626	106.80000	-0.01156	106.78	-23.223E-12	-232.83E-6	4.6566E-9
1	Grid	38.17705	-80.76626	106.80000	-0.00972	106.78	-22.026E-12	-225.77E-6	4.5153E-9
1	Grid	40.17223	-80.76626	106.80000	-0.00793	106.78	-20.862E-12	-218.75E-6	4.3749E-9
1	Grid	42.16741	-80.76626	106.80000	-0.00622	106.78	-19.736E-12	-211.79E-6	4.2359E-9
1	Grid	44.16259	-80.76626	106.80000	-0.00458	106.78	-18.650E-12	-204.93E-6	4.0985E-9
1	Grid	46.15777	-80.76626	106.80000	-0.00302	106.78	-17.607E-12	-198.14E-6	3.9633E-9
1	Grid	48.15295	-80.76626	106.80000	-0.00154	106.78	-16.614E-12	-191.53E-6	3.8306E-9
1	Grid	50.14813	-80.76626	106.80000	-0.00015	106.78	-15.658E-12	-185.02E-6	3.7004E-9
1	Grid	52.14331	-80.76626	106.80000	0.00115	106.78	-14.750E-12	-178.66E-6	3.5732E-9
1	Grid	54.13849	-80.76626	106.80000	0.00236	106.78	-13.884E-12	-172.45E-6	3.4490E-9
1	Grid	56.13367	-80.76626	106.80000	0.00365	106.78	-13.064E-12	-166.40E-6	3.3281E-9
1	Grid	58.12885	-80.76626	106.80000	0.00453	106.78	-12.288E-12	-160.52E-6	3.2104E-9
1	Grid	60.12403	-80.76626	106.80000	0.00550	106.78	-11.551E-12	-154.81E-6	3.0961E-9
1	Grid	62.11921	-80.76626	106.80000	0.00639	106.78	-10.856E-12	-149.27E-6	2.9853E-9
1	Grid	64.11439	-80.76626	106.80000	0.00722	106.78	-10.204E-12	-143.90E-6	2.8779E-9
1	Grid	66.10957	-80.76626	106.80000	0.00798	106.78	-9.585E-12	-138.70E-6	2.7740E-9
1	Grid	68.10475	-80.76626	106.80000	0.00868	106.78	-9.0021E-12	-133.68E-6	2.6736E-9
1	Grid	70.09993	-80.76626	106.80000	0.00933	106.78	-8.4552E-12	-128.83E-6	2.5766E-9
1	Grid	72.09511	-80.76626	106.80000	0.00993	106.78	-7.9403E-12	-124.15E-6	2.4830E-9
1	Grid	74.09029	-80.76626	106.80000	0.01049	106.78	-7.4574E-12	-119.64E-6	2.3927E-9
1	Grid	76.08547	-80.76626	106.80000	0.01095	106.78	-7.0037E-12	-115.29E-6	2.3057E-9
1	Grid	78.08065	-80.76626	106.80000	0.01153	106.78	-6.5774E-12	-111.10E-6	2.2219E-9
1	Grid	80.07583	-80.76626	106.80000	0.01201	106.78	-6.1804E-12	-107.06E-6	2.1413E-9
1	Grid	82.07101	-80.76626	106.80000	0.01248	106.78	-5.8074E-12	-103.18E-6	2.0636E-9
1	Grid	84.06619	-80.76626	106.80000	0.01293	106.78	-5.4550E-12	-99.450E-6	1.9890E-9
1	Grid	86.06137	-80.76626	106.80000	0.01337	106.78	-5.1272E-12	-95.861E-6	1.9172E-9
1	Grid	88.05655	-80.76626	106.80000	0.01381	106.78	-4.8188E-12	-92.412E-6	1.8482E-9
1	Grid	90.05173	-80.76626	106.80000	0.01425	106.78	-4.5310E-12	-89.098E-6	1.7820E-9
1	Grid	92.04691	-80.76626	106.80000	0.01468	106.78	-4.2619E-12	-85.914E-6	1.7183E-9
1	Grid	94.04209	-80.76626	106.80000	0.01512	106.78	-4.0075E-12	-82.855E-6	1.6571E-9
1	Grid	96.03727	-80.76626	106.80000	0.01556	106.78	-3.7703E-12	-79.918E-6	1.5984E-9
1	Grid	98.03245	-80.76626	106.80000	0.01600	106.78	-3.5505E-12	-77.097E-6	1.5419E-9
1	Grid	100.02763	-80.76626	106.80000	0.01645	106.78	-3.3427E-12	-74.389E-6	1.4878E-9
1	Grid	102.02281	-80.76626	106.80000	0.01689	106.78	-3.1488E-12	-71.789E-6	1.4358E-9
1	Grid	104.01799	-80.76626	106.80000	0.01734	106.78	-2.9656E-12	-69.292E-6	1.3858E-9
1	Grid	106.01317	-80.76626	106.80000	0.01778	106.78	-2.7978E-12	-66.896E-6	1.3379E-9
1	Grid	108.00835	-80.76626	106.80000	0.01823	106.78	-2.6366E-12	-64.595E-6	1.2919E-9
1	Grid	110.00353	-80.76626	106.80000	0.01867	106.78	-2.4887E-12	-62.386E-6	1.2477E-9
1	Grid	111.99871	-80.76626	106.80000	0.01911	106.78	-2.3468E-12	-60.264E-6	1.2053E-9
1	Grid	113.99389	-80.76626	106.80000	0.01954	106.78	-2.2149E-12	-58.228E-6	1.1646E-9
1	Grid	115.98907	-80.76626	106.80000	0.01998	106.78	-2.0903E-12	-56.272E-6	1.1254E-9
1	Grid	117.98424	-80.76626	106.80000	0.02036	106.78	-1.9751E-12	-54.393E-6	1.0879E-9
1	Grid	119.97942	-80.76626	106.80000	0.02075	106.78	-1.8665E-12	-52.589E-6	1.0518E-9
1	Grid	121.97460	-80.76626	106.80000	0.02112	106.78	-1.7653E-12	-50.856E-6	1.0171E-9
1	Grid	123.96978	-80.76626	106.80000	0.02148	106.78	-1.6693E-12	-49.192E-6	983.83E-12
1	Grid	125.96496	-80.76626	106.80000	0.02182	106.78	-1.5781E-12	-47.591E-6	951.84E-12
1	Grid	127.96014	-80.76626	106.80000	0.02214	106.78	-1.4941E-12	-46.055E-6	921.10E-12
1	Grid	129.95532	-80.76626	106.80000	0.02243	106.78	-1.4135E-12	-44.577E-6	891.55E-12
1	Grid	131.95050	-80.76626	106.80000	0.02271	106.78	-1.3409E-12	-43.157E-6	863.14E-12
1	Grid	133.94568	-80.76626	106.80000	0.02296	106.78	-1.2683E-12	-41.792E-6	835.83E-12
1	Grid	135.94086	-80.76626	106.80000	0.02319	106.78	-1.2010E-12	-40.479E-6	809.57E-12
1	Grid	137.93604	-80.76626	106.80000	0.02339	106.78	-1.1404E-12	-39.216E-6	784.32E-12
1	Grid	139.93122	-80.76626	106.80000	0.02356	106.78	-1.0811E-12	-38.001E-6	760.02E-12
1	Grid	141.92640	-80.76626	106.80000	0.02372	106.78	-1.0272E-12	-36.832E-6	736.64E-12
1	Grid	143.92158	-80.76626	106.80000	0.02384	106.78	0.0	-35.707E-6	714.14E-12
1	Grid	145.91676	-80.76626	106.80000	0.02393	106.78	0.0	-34.625E-6	692.43E-12
1	Grid	147.91194	-80.76626	106.80000	0.02403	106.78	0.0	-33.582E-6	671.65E-12
1	Grid	149.90712	-80.76626	106.80000	0.02408	106.78	0.0	-32.579E-6	651.57E-12
1	Grid	151.90230	-80.76626	106.80000	0.02411	106.78	0.0	-31.612E-6	632.24E-12
1	Grid	153.89748	-80.76626	106.80000	0.02413	106.78	0.0	-30.681E-6	613.62E-12
1	Grid	155.89266	-80.76626	106.80000	0.02411	106.78	0.0	-29.784E-6	595.67E-12
1	Grid	157.88784	-80.76626	106.80000	0.02408	106.78	0.0	-28.919E-6	578.38E-12
1	Grid	159.88302							



Highgate Junior School Sports Hall

Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	-53.60122	-78.89151	106.80000	-0.00203	106.78	-20.188E-12	-216.31E-6	4.3262E-9
1	Grid	-51.60604	-78.89151	106.80000	-0.00407	106.78	-21.388E-12	-223.71E-6	4.4742E-9
1	Grid	-49.61086	-78.89151	106.80000	-0.00620	106.78	-22.633E-12	-231.22E-6	4.6244E-9
1	Grid	-47.61568	-78.89151	106.80000	-0.00841	106.78	-23.925E-12	-238.81E-6	4.7762E-9
1	Grid	-45.62050	-78.89151	106.80000	-0.01070	106.78	-25.258E-12	-246.47E-6	4.9293E-9
1	Grid	-43.62532	-78.89151	106.80000	-0.01305	106.78	-26.631E-12	-254.16E-6	5.0831E-9
1	Grid	-41.63014	-78.89151	106.80000	-0.01545	106.78	-28.042E-12	-261.85E-6	5.2371E-9
1	Grid	-39.63496	-78.89151	106.80000	-0.01790	106.78	-29.474E-12	-269.52E-6	5.3905E-9
1	Grid	-37.63978	-78.89151	106.80000	-0.02037	106.78	-30.933E-12	-277.13E-6	5.5427E-9
1	Grid	-35.64460	-78.89151	106.80000	-0.02286	106.78	-32.403E-12	-284.64E-6	5.6928E-9
1	Grid	-33.64942	-78.89151	106.80000	-0.02533	106.78	-33.876E-12	-292.01E-6	5.8402E-9
1	Grid	-31.65424	-78.89151	106.80000	-0.02778	106.78	-35.347E-12	-299.19E-6	5.9839E-9
1	Grid	-29.65906	-78.89151	106.80000	-0.03019	106.78	-36.795E-12	-306.15E-6	6.1229E-9
1	Grid	-27.66388	-78.89151	106.80000	-0.03254	106.78	-38.216E-12	-312.82E-6	6.2565E-9
1	Grid	-25.66871	-78.89151	106.80000	-0.03480	106.78	-39.591E-12	-319.18E-6	6.3835E-9
1	Grid	-23.67353	-78.89151	106.80000	-0.03695	106.78	-40.909E-12	-325.16E-6	6.5031E-9
1	Grid	-21.67835	-78.89151	106.80000	-0.03899	106.78	-42.156E-12	-330.71E-6	6.6143E-9
1	Grid	-19.68317	-78.89151	106.80000	-0.04087	106.78	-43.311E-12	-335.80E-6	6.7161E-9
1	Grid	-17.68799	-78.89151	106.80000	-0.04260	106.78	-44.371E-12	-340.38E-6	6.8076E-9
1	Grid	-15.69281	-78.89151	106.80000	-0.04414	106.78	-45.316E-12	-344.40E-6	6.8880E-9
1	Grid	-13.69763	-78.89151	106.80000	-0.04556	106.78	-46.132E-12	-347.33E-6	6.9565E-9
1	Grid	-11.70245	-78.89151	106.80000	-0.04662	106.78	-46.809E-12	-350.63E-6	7.0125E-9
1	Grid	-9.70727	-78.89151	106.80000	-0.04754	106.78	-47.338E-12	-352.77E-6	7.0554E-9
1	Grid	-7.71209	-78.89151	106.80000	-0.04822	106.78	-47.709E-12	-354.23E-6	7.0846E-9
1	Grid	-5.71691	-78.89151	106.80000	-0.04866	106.78	-47.916E-12	-355.00E-6	7.1000E-9
1	Grid	-3.72173	-78.89151	106.80000	-0.04891	106.78	-47.959E-12	-355.07E-6	7.1123E-9
1	Grid	-1.72655	-78.89151	106.80000	-0.04882	106.78	-47.832E-12	-354.42E-6	7.0884E-9
1	Grid	0.26863	-78.89151	106.80000	-0.04854	106.78	-47.542E-12	-353.08E-6	7.0615E-9
1	Grid	2.26381	-78.89151	106.80000	-0.04802	106.78	-47.087E-12	-351.04E-6	7.0209E-9
1	Grid	4.25899	-78.89151	106.80000	-0.04727	106.78	-46.473E-12	-348.34E-6	6.9668E-9
1	Grid	6.25417	-78.89151	106.80000	-0.04629	106.78	-45.717E-12	-345.00E-6	6.8999E-9
1	Grid	8.24935	-78.89151	106.80000	-0.04511	106.78	-44.823E-12	-341.04E-6	6.8208E-9
1	Grid	10.24453	-78.89151	106.80000	-0.04374	106.78	-43.806E-12	-336.51E-6	6.7302E-9
1	Grid	12.23971	-78.89151	106.80000	-0.04219	106.78	-42.676E-12	-331.45E-6	6.6290E-9
1	Grid	14.23489	-78.89151	106.80000	-0.04048	106.78	-41.449E-12	-325.90E-6	6.5180E-9
1	Grid	16.23007	-78.89151	106.80000	-0.03861	106.78	-40.143E-12	-319.91E-6	6.3982E-9
1	Grid	18.22525	-78.89151	106.80000	-0.03666	106.78	-38.771E-12	-313.53E-6	6.2705E-9
1	Grid	20.22043	-78.89151	106.80000	-0.03459	106.78	-37.344E-12	-306.80E-6	6.1360E-9
1	Grid	22.21561	-78.89151	106.80000	-0.03244	106.78	-35.879E-12	-299.79E-6	5.9957E-9
1	Grid	24.21079	-78.89151	106.80000	-0.03024	106.78	-34.390E-12	-292.53E-6	5.8506E-9
1	Grid	26.20597	-78.89151	106.80000	-0.02799	106.78	-32.892E-12	-285.07E-6	5.7015E-9
1	Grid	28.20115	-78.89151	106.80000	-0.02573	106.78	-31.389E-12	-277.47E-6	5.5494E-9
1	Grid	30.19633	-78.89151	106.80000	-0.02347	106.78	-29.895E-12	-269.76E-6	5.3952E-9
1	Grid	32.19151	-78.89151	106.80000	-0.02123	106.78	-28.424E-12	-261.98E-6	5.2396E-9
1	Grid	34.18669	-78.89151	106.80000	-0.01902	106.78	-26.982E-12	-254.18E-6	5.0835E-9
1	Grid	36.18187	-78.89151	106.80000	-0.01677	106.78	-25.569E-12	-246.33E-6	4.9275E-9
1	Grid	38.17705	-78.89151	106.80000	-0.01477	106.78	-24.199E-12	-238.62E-6	4.7723E-9
1	Grid	40.17223	-78.89151	106.80000	-0.01275	106.78	-22.874E-12	-230.92E-6	4.6184E-9
1	Grid	42.16741	-78.89151	106.80000	-0.01080	106.78	-21.593E-12	-223.31E-6	4.4662E-9
1	Grid	44.16259	-78.89151	106.80000	-0.00895	106.78	-20.363E-12	-215.81E-6	4.3163E-9
1	Grid	46.15777	-78.89151	106.80000	-0.00719	106.78	-19.185E-12	-208.45E-6	4.1690E-9
1	Grid	48.15295	-78.89151	106.80000	-0.00554	106.78	-18.062E-12	-201.23E-6	4.0246E-9
1	Grid	50.14813	-78.89151	106.80000	-0.00398	106.78	-16.990E-12	-194.17E-6	3.8833E-9
1	Grid	52.14331	-78.89151	106.80000	-0.00252	106.78	-15.970E-12	-187.28E-6	3.7455E-9
1	Grid	54.13849	-78.89151	106.80000	-0.00117	106.78	-15.008E-12	-180.56E-6	3.6113E-9
1	Grid	56.13367	-78.89151	106.80000	-0.00009	106.78	-14.093E-12	-174.04E-6	3.4808E-9
1	Grid	58.12885	-78.89151	106.80000	0.00125	106.78	-13.232E-12	-167.70E-6	3.3541E-9
1	Grid	60.12403	-78.89151	106.80000	0.00232	106.78	-12.411E-12	-161.56E-6	3.2312E-9
1	Grid	62.11921	-78.89151	106.80000	0.00331	106.78	-11.649E-12	-155.61E-6	3.1123E-9
1	Grid	64.11439	-78.89151	106.80000	0.00422	106.78	-10.923E-12	-149.86E-6	2.9973E-9
1	Grid	66.10957	-78.89151	106.80000	0.00506	106.78	-10.244E-12	-144.31E-6	2.8862E-9
1	Grid	68.10475	-78.89151	106.80000	0.00583	106.78	-9.6083E-12	-138.95E-6	2.7790E-9
1	Grid	70.09993	-78.89151	106.80000	0.00654	106.78	-9.0075E-12	-133.78E-6	2.6756E-9
1	Grid	72.09511	-78.89151	106.80000	0.00720	106.78	-8.4459E-12	-128.80E-6	2.5760E-9
1	Grid	74.09029	-78.89151	106.80000	0.00783	106.78	-7.9203E-12	-124.00E-6	2.4801E-9
1	Grid	76.08547	-78.89151	106.80000	0.00841	106.78	-7.4281E-12	-119.39E-6	2.3878E-9
1	Grid	78.08065	-78.89151	106.80000	0.00897	106.78	-6.9678E-12	-114.95E-6	2.2990E-9
1	Grid	80.07583	-78.89151	106.80000	0.00951	106.78	-6.5348E-12	-110.68E-6	2.2137E-9
1	Grid	82.07101	-78.89151	106.80000	0.01003	106.78	-6.1311E-12	-106.58E-6	2.1317E-9
1	Grid	84.06619	-78.89151	106.80000	0.01053	106.78	-5.7534E-12	-102.65E-6	2.0529E-9
1	Grid	86.06137	-78.89151	106.80000	0.01099	106.78	-5.3997E-12	-98.867E-6	1.9773E-9
1	Grid	88.05655	-78.89151	106.80000	0.01153	106.78	-5.0686E-12	-95.238E-6	1.9048E-9
1	Grid	90.05173	-78.89151	106.80000	0.01203	106.78	-4.7609E-12	-91.755E-6	1.8351E-9
1	Grid	92.04691	-78.89151	106.80000	0.01254	106.78	-4.4718E-12	-88.413E-6	1.7683E-9
1	Grid	94.04209	-78.89151	106.80000	0.01304	106.78	-4.2026E-12	-85.207E-6	1.7041E-9
1	Grid	96.03727	-78.89151	106.80000	0.01355	106.78	-3.9495E-12	-82.131E-6	1.6426E-9
1	Grid	98.03245	-78.89151	106.80000	0.01407	106.78	-3.7144E-12	-79.181E-6	1.5836E-9
1	Grid	100.02763	-78.89151	106.80000	0.01459	106.78	-3.4912E-12	-76.351E-6	1.5270E-9
1	Grid	102.02281	-78.89151	106.80000	0.01512	106.78	-3.2854E-12	-73.637E-6	1.4727E-9
1	Grid	104.01799	-78.89151	106.80000	0.01565	106.78	-3.0942E-12	-71.034E-6	1.4207E-9
1	Grid	106.01317	-78.89151	106.80000	0.01618	106.78	-2.9108E-12	-68.537E-6	1.3707E-9
1	Grid	108.00835	-78.89151	106.80000	0.01670	106.78	-2.7425E-12	-66.143E-6	1.3229E-9
1	Grid	110.00353	-78.89151	106.80000	0.01723	106.78	-2.5819E-12	-63.846E-6	1.2769E-9
1	Grid	111.99871	-78.89151	106.80000	0.01775	106.78	-2.4361E-12	-61.642E-6	1.2328E-9
1	Grid	113.99389	-78.89151	106.80000	0.01826	106.78	-2.2975E-12	-59.528E-6	1.1906E-9
1	Grid	115.98906	-78.89151	106.80000	0.01875	106.78	-2.1694E-12	-57.500E-6	1.1500E-9
1	Grid	117.98424	-78.89151	106.80000	0.01925	106.78	-2.0437E-12	-55.554E-6	1.1111E-9
1	Grid	119.97942	-78.89151	106.80000	0.01973	106.78	-1.9331E-12	-53.686E-6	1.0737E-9
1	Grid	121.97460	-78.89151	106.80000	0.02018	106.78	-1.8252E-12	-51.893E-6	1.0379E-9
1	Grid	123.96978	-78.89151	106.80000	0.02062	106.78	-1.7253E-12	-50.172E-6	1.0034E-9
1	Grid	125.96496	-78.89151	106.80000	0.02103	106.78	-1.6287E-12	-48.520E-6	970.39E-12
1	Grid	127.96014	-78.89151	106.80000	0.02142	106.78	-1.5408E-12	-46.933E-6	938.66E-12
1	Grid	129.95532	-78.89151	106.80000	0.02179	106.78	-1.4602E-12	-45.409E-6	908.17E-12
1	Grid	131.95050	-78.89151	106.80000	0.02213	106.78	-1.3816E-12	-43.945E-6	878.89E-12
1	Grid	133.94568	-78.89151	106.80000	0.02244	106.78	-1.3056E-12	-42.538E-6	850.76E-12
1	Grid	135.94086	-78.89151	106.80000	0.02273	106.78	-1.2370E-12	-41.186E-6	823.72E-12
1	Grid	137.93604	-78.89151	106.80000	0.02299	106.78	-1.1751E-12	-39.887E-6	797.73E-12
1	Grid	139.93122	-78.89151	106.80000	0.02322	106.78	-1.1111E-12	-38.637E-6	772.75



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	-73.55302	-77.01676	106.80000	0.01171	106.78	-11.729E-12	-157.26E-6	3.1452E-9
1	Grid	-71.55784	-77.01676	106.80000	0.01053	106.78	-12.512E-12	-163.39E-6	3.2678E-9
1	Grid	-69.56266	-77.01676	106.80000	0.00924	106.78	-13.351E-12	-169.74E-6	3.3947E-9
1	Grid	-67.56748	-77.01676	106.80000	0.00784	106.78	-14.235E-12	-176.30E-6	3.5259E-9
1	Grid	-65.57230	-77.01676	106.80000	0.00633	106.78	-15.176E-12	-183.07E-6	3.6614E-9
1	Grid	-63.57712	-77.01676	106.80000	0.00470	106.78	-16.175E-12	-190.05E-6	3.8011E-9
1	Grid	-61.58194	-77.01676	106.80000	0.00295	106.78	-17.230E-12	-197.24E-6	3.9449E-9
1	Grid	-59.58676	-77.01676	106.80000	0.00108	106.78	-18.343E-12	-204.63E-6	4.0927E-9
1	Grid	-57.59158	-77.01676	106.80000	-0.00090	106.78	-19.515E-12	-212.22E-6	4.2443E-9
1	Grid	-55.59640	-77.01676	106.80000	-0.00301	106.78	-20.755E-12	-219.98E-6	4.3996E-9
1	Grid	-53.60122	-77.01676	106.80000	-0.00522	106.78	-22.048E-12	-227.91E-6	4.5582E-9
1	Grid	-51.60604	-77.01676	106.80000	-0.00755	106.78	-23.407E-12	-235.99E-6	4.7199E-9
1	Grid	-49.61086	-77.01676	106.80000	-0.00999	106.78	-24.822E-12	-244.21E-6	4.8842E-9
1	Grid	-47.61568	-77.01676	106.80000	-0.01252	106.78	-26.290E-12	-252.54E-6	5.0508E-9
1	Grid	-45.62050	-77.01676	106.80000	-0.01514	106.78	-27.819E-12	-260.95E-6	5.2191E-9
1	Grid	-43.62532	-77.01676	106.80000	-0.01784	106.78	-29.396E-12	-269.43E-6	5.3885E-9
1	Grid	-41.63014	-77.01676	106.80000	-0.02061	106.78	-31.018E-12	-277.92E-6	5.5584E-9
1	Grid	-39.63496	-77.01676	106.80000	-0.02342	106.78	-32.675E-12	-286.41E-6	5.7282E-9
1	Grid	-37.63978	-77.01676	106.80000	-0.02627	106.78	-34.364E-12	-294.84E-6	5.8969E-9
1	Grid	-35.64460	-77.01676	106.80000	-0.02914	106.78	-36.074E-12	-303.19E-6	6.0637E-9
1	Grid	-33.64942	-77.01676	106.80000	-0.03185	106.78	-37.794E-12	-311.39E-6	6.2278E-9
1	Grid	-31.65424	-77.01676	106.80000	-0.03484	106.78	-39.509E-12	-319.40E-6	6.3881E-9
1	Grid	-29.65906	-77.01676	106.80000	-0.03763	106.78	-41.208E-12	-327.18E-6	6.5436E-9
1	Grid	-27.66388	-77.01676	106.80000	-0.04035	106.78	-42.879E-12	-334.66E-6	6.6931E-9
1	Grid	-25.66871	-77.01676	106.80000	-0.04297	106.78	-44.503E-12	-341.79E-6	6.8357E-9
1	Grid	-23.67353	-77.01676	106.80000	-0.04549	106.78	-46.062E-12	-348.55E-6	6.9702E-9
1	Grid	-21.67835	-77.01676	106.80000	-0.04784	106.78	-47.539E-12	-354.77E-6	7.0953E-9
1	Grid	-19.68317	-77.01676	106.80000	-0.05005	106.78	-48.917E-12	-360.51E-6	7.2102E-9
1	Grid	-17.68799	-77.01676	106.80000	-0.05206	106.78	-50.181E-12	-365.68E-6	7.3136E-9
1	Grid	-15.69281	-77.01676	106.80000	-0.05386	106.78	-51.306E-12	-370.23E-6	7.4046E-9
1	Grid	-13.69763	-77.01676	106.80000	-0.05544	106.78	-52.282E-12	-374.11E-6	7.4823E-9
1	Grid	-11.70245	-77.01676	106.80000	-0.05677	106.78	-53.096E-12	-377.29E-6	7.5458E-9
1	Grid	-9.70727	-77.01676	106.80000	-0.05785	106.78	-53.733E-12	-379.73E-6	7.5945E-9
1	Grid	-7.71209	-77.01676	106.80000	-0.05866	106.78	-54.181E-12	-381.39E-6	7.6279E-9
1	Grid	-5.71691	-77.01676	106.80000	-0.05919	106.78	-54.433E-12	-382.27E-6	7.6454E-9
1	Grid	-3.72173	-77.01676	106.80000	-0.05940	106.78	-54.483E-12	-382.35E-6	7.6470E-9
1	Grid	-1.72655	-77.01676	106.80000	-0.05940	106.78	-54.337E-12	-381.63E-6	7.6326E-9
1	Grid	0.26863	-77.01676	106.80000	-0.05909	106.78	-53.987E-12	-380.11E-6	7.6023E-9
1	Grid	2.26381	-77.01676	106.80000	-0.05850	106.78	-53.445E-12	-377.82E-6	7.5564E-9
1	Grid	4.25899	-77.01676	106.80000	-0.05764	106.78	-52.717E-12	-374.77E-6	7.4953E-9
1	Grid	6.25417	-77.01676	106.80000	-0.05652	106.78	-51.815E-12	-370.99E-6	7.4197E-9
1	Grid	8.24935	-77.01676	106.80000	-0.05517	106.78	-50.748E-12	-366.52E-6	7.3304E-9
1	Grid	10.24453	-77.01676	106.80000	-0.05359	106.78	-49.536E-12	-361.41E-6	7.2282E-9
1	Grid	12.23971	-77.01676	106.80000	-0.05180	106.78	-48.191E-12	-355.71E-6	7.1141E-9
1	Grid	14.23489	-77.01676	106.80000	-0.04984	106.78	-46.739E-12	-349.46E-6	6.9891E-9
1	Grid	16.23007	-77.01676	106.80000	-0.04767	106.78	-45.191E-12	-342.72E-6	6.8545E-9
1	Grid	18.22525	-77.01676	106.80000	-0.04544	106.78	-43.568E-12	-335.56E-6	6.7112E-9
1	Grid	20.22043	-77.01676	106.80000	-0.04307	106.78	-41.886E-12	-328.03E-6	6.5605E-9
1	Grid	22.21561	-77.01676	106.80000	-0.04060	106.78	-40.167E-12	-320.18E-6	6.4036E-9
1	Grid	24.21079	-77.01676	106.80000	-0.03807	106.78	-38.422E-12	-312.08E-6	6.2415E-9
1	Grid	26.20597	-77.01676	106.80000	-0.03539	106.78	-36.668E-12	-303.77E-6	6.0754E-9
1	Grid	28.20115	-77.01676	106.80000	-0.03291	106.78	-34.919E-12	-295.32E-6	5.9063E-9
1	Grid	30.19633	-77.01676	106.80000	-0.03033	106.78	-33.188E-12	-286.76E-6	5.7352E-9
1	Grid	32.19151	-77.01676	106.80000	-0.02777	106.78	-31.485E-12	-278.15E-6	5.5630E-9
1	Grid	34.18669	-77.01676	106.80000	-0.02525	106.78	-29.816E-12	-269.52E-6	5.3905E-9
1	Grid	36.18187	-77.01676	106.80000	-0.02280	106.78	-28.196E-12	-260.92E-6	5.2185E-9
1	Grid	38.17705	-77.01676	106.80000	-0.02042	106.78	-26.623E-12	-252.39E-6	5.0477E-9
1	Grid	40.17223	-77.01676	106.80000	-0.01812	106.78	-25.109E-12	-243.94E-6	4.8787E-9
1	Grid	42.16741	-77.01676	106.80000	-0.01593	106.78	-23.651E-12	-235.60E-6	4.7121E-9
1	Grid	44.16259	-77.01676	106.80000	-0.01383	106.78	-22.257E-12	-227.41E-6	4.5482E-9
1	Grid	46.15777	-77.01676	106.80000	-0.01183	106.78	-20.921E-12	-219.38E-6	4.3875E-9
1	Grid	48.15295	-77.01676	106.80000	-0.00999	106.78	-19.656E-12	-211.52E-6	4.2304E-9
1	Grid	50.14813	-77.01676	106.80000	-0.00824	106.78	-18.451E-12	-203.85E-6	4.0770E-9
1	Grid	52.14331	-77.01676	106.80000	-0.00662	106.78	-17.306E-12	-196.38E-6	3.9276E-9
1	Grid	54.13849	-77.01676	106.80000	-0.00510	106.78	-16.228E-12	-189.12E-6	3.7824E-9
1	Grid	56.13367	-77.01676	106.80000	-0.00367	106.78	-15.210E-12	-182.00E-6	3.6415E-9
1	Grid	58.12885	-77.01676	106.80000	-0.00242	106.78	-14.249E-12	-175.25E-6	3.5050E-9
1	Grid	60.12403	-77.01676	106.80000	-0.00123	106.78	-13.347E-12	-168.65E-6	3.3729E-9
1	Grid	62.11921	-77.01676	106.80000	-0.00014	106.78	-12.499E-12	-162.26E-6	3.2453E-9
1	Grid	64.11439	-77.01676	106.80000	0.00085	106.78	-11.700E-12	-156.10E-6	3.1220E-9
1	Grid	66.10957	-77.01676	106.80000	0.00179	106.78	-10.953E-12	-150.16E-6	3.0032E-9
1	Grid	68.10475	-77.01676	106.80000	0.00262	106.78	-10.253E-12	-144.44E-6	2.8897E-9
1	Grid	70.09993	-77.01676	106.80000	0.00340	106.78	-9.5997E-12	-138.93E-6	2.7785E-9
1	Grid	72.09511	-77.01676	106.80000	0.00413	106.78	-8.9868E-12	-133.63E-6	2.6725E-9
1	Grid	74.09029	-77.01676	106.80000	0.00481	106.78	-8.4139E-12	-128.53E-6	2.5706E-9
1	Grid	76.08547	-77.01676	106.80000	0.00545	106.78	-7.8764E-12	-123.63E-6	2.4727E-9
1	Grid	78.08065	-77.01676	106.80000	0.00607	106.78	-7.3768E-12	-118.93E-6	2.3787E-9
1	Grid	80.07583	-77.01676	106.80000	0.00666	106.78	-6.9105E-12	-114.42E-6	2.2884E-9
1	Grid	82.07101	-77.01676	106.80000	0.00724	106.78	-6.4722E-12	-110.09E-6	2.2018E-9
1	Grid	84.06619	-77.01676	106.80000	0.00780	106.78	-6.0645E-12	-105.94E-6	2.1188E-9
1	Grid	86.06137	-77.01676	106.80000	0.00832	106.78	-5.6861E-12	-101.96E-6	2.0391E-9
1	Grid	88.05655	-77.01676	106.80000	0.00893	106.78	-5.3297E-12	-98.140E-6	1.9628E-9
1	Grid	90.05173	-77.01676	106.80000	0.00950	106.78	-4.9987E-12	-94.481E-6	1.8896E-9
1	Grid	92.04691	-77.01676	106.80000	0.01008	106.78	-4.6902E-12	-90.974E-6	1.8195E-9
1	Grid	94.04209	-77.01676	106.80000	0.01066	106.78	-4.4011E-12	-87.613E-6	1.7523E-9
1	Grid	96.03727	-77.01676	106.80000	0.01125	106.78	-4.1340E-12	-84.393E-6	1.6879E-9
1	Grid	98.03245	-77.01676	106.80000	0.01185	106.78	-3.8842E-12	-81.308E-6	1.6262E-9
1	Grid	100.02763	-77.01676	106.80000	0.01246	106.78	-3.6471E-12	-78.352E-6	1.5670E-9
1	Grid	102.02281	-77.01676	106.80000	0.01308	106.78	-3.4273E-12	-75.520E-6	1.5104E-9
1	Grid	104.01799	-77.01676	106.80000	0.01370	106.78	-3.2228E-12	-72.807E-6	1.4561E-9
1	Grid	106.01317	-77.01676	106.80000	0.01432	106.78	-3.0329E-12	-70.207E-6	1.4041E-9
1	Grid	108.00835	-77.01676	106.80000	0.01495	106.78	-2.8531E-12	-67.716E-6	1.3543E-9
1	Grid	110.00353	-77.01676	106.80000	0.01557	106.78	-2.6859E-12	-65.328E-6	1.3066E-9
1	Grid	111.99871	-77.01676	106.80000	0.01619	106.78	-2.5313E-12	-63.040E-6	1.2608E-9
1	Grid	113.99389	-77.01676	106.80000	0.01679	106.78	-2.3828E-12	-60.846E-6	1.2169E-9
1	Grid	115.98906	-77.01676	106.80000	0.01739	106.78	-2.2475E-12	-58.744E-6	1.1749E-9
1	Grid	117.98424	-77.01676	106.80000	0.01798	106.78	-2.1210E-12	-56.728E-6	1.1346E-9
1	Grid	119.97942	-77.01676	106.80000	0.01854	106.78	-1.9984E-12	-54.794E-6	1.0959E-9
1									

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term										Job No.	Sheet No.	Rev.			
										3244					
										Drg. Ref.					
Made by AC										Date		Checked			
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain						
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]						
1	Grid	-93.50482	-75.14201	106.80000	0.01828	106.78	-6.4722E-12	-110.57E-6	2.2115E-9						
1	Grid	-91.50964	-75.14201	106.80000	0.01787	106.78	-6.9085E-12	-114.97E-6	2.2994E-9						
1	Grid	-89.51446	-75.14201	106.80000	0.01739	106.78	-7.3814E-12	-119.56E-6	2.3911E-9						
1	Grid	-87.51928	-75.14201	106.80000	0.01684	106.78	-7.8857E-12	-124.34E-6	2.4868E-9						
1	Grid	-85.52410	-75.14201	106.80000	0.01621	106.78	-8.4259E-12	-129.33E-6	2.5865E-9						
1	Grid	-83.52892	-75.14201	106.80000	0.01549	106.78	-9.0015E-12	-134.52E-6	2.6905E-9						
1	Grid	-81.53374	-75.14201	106.80000	0.01469	106.78	-9.6236E-12	-139.94E-6	2.7987E-9						
1	Grid	-79.53856	-75.14201	106.80000	0.01379	106.78	-10.288E-12	-145.57E-6	2.9114E-9						
1	Grid	-77.54338	-75.14201	106.80000	0.01278	106.78	-10.997E-12	-151.43E-6	3.0286E-9						
1	Grid	-75.54820	-75.14201	106.80000	0.01168	106.78	-11.755E-12	-157.53E-6	3.1505E-9						
1	Grid	-73.55302	-75.14201	106.80000	0.01046	106.78	-12.567E-12	-163.86E-6	3.2771E-9						
1	Grid	-71.55784	-75.14201	106.80000	0.00912	106.78	-13.431E-12	-170.43E-6	3.4086E-9						
1	Grid	-69.56266	-75.14201	106.80000	0.00766	106.78	-14.355E-12	-177.24E-6	3.5448E-9						
1	Grid	-67.56748	-75.14201	106.80000	0.00608	106.78	-15.340E-12	-184.30E-6	3.6859E-9						
1	Grid	-65.57230	-75.14201	106.80000	0.00436	106.78	-16.383E-12	-191.60E-6	3.8319E-9						
1	Grid	-63.57712	-75.14201	106.80000	0.00252	106.78	-17.494E-12	-199.14E-6	3.9827E-9						
1	Grid	-61.58194	-75.14201	106.80000	0.00053	106.78	-18.673E-12	-206.92E-6	4.1383E-9						
1	Grid	-59.58676	-75.14201	106.80000	-0.00159	106.78	-19.921E-12	-214.93E-6	4.2986E-9						
1	Grid	-57.59158	-75.14201	106.80000	-0.00384	106.78	-21.244E-12	-223.16E-6	4.4633E-9						
1	Grid	-55.59640	-75.14201	106.80000	-0.00623	106.78	-22.637E-12	-231.62E-6	4.6323E-9						
1	Grid	-53.60122	-75.14201	106.80000	-0.00876	106.78	-24.105E-12	-240.27E-6	4.8054E-9						
1	Grid	-51.60604	-75.14201	106.80000	-0.01142	106.78	-25.641E-12	-249.11E-6	4.9821E-9						
1	Grid	-49.61086	-75.14201	106.80000	-0.01420	106.78	-27.254E-12	-258.11E-6	5.1622E-9						
1	Grid	-47.61568	-75.14201	106.80000	-0.01709	106.78	-28.938E-12	-267.26E-6	5.3451E-9						
1	Grid	-45.62050	-75.14201	106.80000	-0.02009	106.78	-30.685E-12	-276.52E-6	5.5303E-9						
1	Grid	-43.62532	-75.14201	106.80000	-0.02319	106.78	-32.497E-12	-285.86E-6	5.7173E-9						
1	Grid	-41.63014	-75.14201	106.80000	-0.02636	106.78	-34.367E-12	-295.26E-6	5.9052E-9						
1	Grid	-39.63496	-75.14201	106.80000	-0.02960	106.78	-36.287E-12	-304.66E-6	6.0932E-9						
1	Grid	-37.63978	-75.14201	106.80000	-0.03288	106.78	-38.247E-12	-314.03E-6	6.2806E-9						
1	Grid	-35.64460	-75.14201	106.80000	-0.03618	106.78	-40.240E-12	-323.32E-6	6.4664E-9						
1	Grid	-33.64942	-75.14201	106.80000	-0.03949	106.78	-42.250E-12	-332.47E-6	6.6494E-9						
1	Grid	-31.65424	-75.14201	106.80000	-0.04277	106.78	-44.265E-12	-341.43E-6	6.8286E-9						
1	Grid	-29.65906	-75.14201	106.80000	-0.04600	106.78	-46.265E-12	-350.14E-6	7.0028E-9						
1	Grid	-27.66388	-75.14201	106.80000	-0.04915	106.78	-48.237E-12	-358.54E-6	7.1708E-9						
1	Grid	-25.66871	-75.14201	106.80000	-0.05220	106.78	-50.161E-12	-366.56E-6	7.3312E-9						
1	Grid	-23.67353	-75.14201	106.80000	-0.05511	106.78	-52.010E-12	-374.14E-6	7.4828E-9						
1	Grid	-21.67835	-75.14201	106.80000	-0.05787	106.78	-53.772E-12	-381.21E-6	7.6241E-9						
1	Grid	-19.68317	-75.14201	106.80000	-0.06043	106.78	-55.420E-12	-387.70E-6	7.7541E-9						
1	Grid	-17.68799	-75.14201	106.80000	-0.06278	106.78	-56.930E-12	-393.57E-6	7.8713E-9						
1	Grid	-15.69281	-75.14201	106.80000	-0.06489	106.78	-58.284E-12	-398.73E-6	7.9746E-9						
1	Grid	-13.69763	-75.14201	106.80000	-0.06673	106.78	-59.458E-12	-403.15E-6	8.0629E-9						
1	Grid	-11.70245	-75.14201	106.80000	-0.06830	106.78	-60.440E-12	-406.76E-6	8.1353E-9						
1	Grid	-9.70727	-75.14201	106.80000	-0.06956	106.78	-61.209E-12	-409.54E-6	8.1908E-9						
1	Grid	-7.71209	-75.14201	106.80000	-0.07051	106.78	-61.751E-12	-411.45E-6	8.2290E-9						
1	Grid	-5.71691	-75.14201	106.80000	-0.07114	106.78	-62.060E-12	-412.46E-6	8.2492E-9						
1	Grid	-3.72173	-75.14201	106.80000	-0.07142	106.78	-62.126E-12	-412.56E-6	8.2512E-9						
1	Grid	-1.72655	-75.14201	106.80000	-0.07142	106.78	-61.948E-12	-411.75E-6	8.2350E-9						
1	Grid	0.26863	-75.14201	106.80000	-0.07107	106.78	-61.534E-12	-410.03E-6	8.2007E-9						
1	Grid	2.26381	-75.14201	106.80000	-0.07039	106.78	-60.886E-12	-407.43E-6	8.1486E-9						
1	Grid	4.25899	-75.14201	106.80000	-0.06941	106.78	-60.011E-12	-403.97E-6	8.0794E-9						
1	Grid	6.25417	-75.14201	106.80000	-0.06813	106.78	-58.924E-12	-399.69E-6	7.9938E-9						
1	Grid	8.24935	-75.14201	106.80000	-0.06657	106.78	-57.649E-12	-394.63E-6	7.8926E-9						
1	Grid	10.24453	-75.14201	106.80000	-0.06475	106.78	-56.200E-12	-388.84E-6	7.7769E-9						
1	Grid	12.23971	-75.14201	106.80000	-0.06269	106.78	-54.595E-12	-382.39E-6	7.6479E-9						
1	Grid	14.23489	-75.14201	106.80000	-0.06042	106.78	-52.862E-12	-375.34E-6	7.5068E-9						
1	Grid	16.23007	-75.14201	106.80000	-0.05797	106.78	-51.021E-12	-367.75E-6	7.3550E-9						
1	Grid	18.22525	-75.14201	106.80000	-0.05536	106.78	-49.095E-12	-359.69E-6	7.1938E-9						
1	Grid	20.22043	-75.14201	106.80000	-0.05263	106.78	-47.106E-12	-351.23E-6	7.0245E-9						
1	Grid	22.21561	-75.14201	106.80000	-0.04979	106.78	-45.078E-12	-342.43E-6	6.8486E-9						
1	Grid	24.21079	-75.14201	106.80000	-0.04688	106.78	-43.024E-12	-333.36E-6	6.6672E-9						
1	Grid	26.20597	-75.14201	106.80000	-0.04390	106.78	-40.969E-12	-324.09E-6	6.4817E-9						
1	Grid	28.20115	-75.14201	106.80000	-0.04097	106.78	-38.926E-12	-314.67E-6	6.2933E-9						
1	Grid	30.19633	-75.14201	106.80000	-0.03802	106.78	-36.910E-12	-305.15E-6	6.1031E-9						
1	Grid	32.19151	-75.14201	106.80000	-0.03509	106.78	-34.933E-12	-295.60E-6	5.9120E-9						
1	Grid	34.18669	-75.14201	106.80000	-0.03222	106.78	-33.006E-12	-286.06E-6	5.7212E-9						
1	Grid	36.18187	-75.14201	106.80000	-0.02943	106.78	-31.134E-12	-276.56E-6	5.5313E-9						
1	Grid	38.17705	-75.14201	106.80000	-0.02672	106.78	-29.333E-12	-267.16E-6	5.3431E-9						
1	Grid	40.17223	-75.14201	106.80000	-0.02412	106.78	-27.597E-12	-257.87E-6	5.1574E-9						
1	Grid	42.16741	-75.14201	106.80000	-0.02163	106.78	-25.933E-12	-248.73E-6	4.9746E-9						
1	Grid	44.16259	-75.14201	106.80000	-0.01927	106.78	-24.347E-12	-239.77E-6	4.7953E-9						
1	Grid	46.15777	-75.14201	106.80000	-0.01704	106.78	-22.838E-12	-231.00E-6	4.6199E-9						
1	Grid	48.15295	-75.14201	106.80000	-0.01495	106.78	-21.406E-12	-222.44E-6	4.4488E-9						
1	Grid	50.14813	-75.14201	106.80000	-0.01299	106.78	-20.047E-12	-214.10E-6	4.2821E-9						
1	Grid	52.14331	-75.14201	106.80000	-0.01118	106.78	-18.768E-12	-206.00E-6	4.1201E-9						
1	Grid	54.13849	-75.14201	106.80000	-0.00949	106.78	-17.561E-12	-198.15E-6	3.9629E-9						
1	Grid	56.13367	-75.14201	106.80000	-0.00794	106.78	-16.423E-12	-190.54E-6	3.8107E-9						
1	Grid	58.12885	-75.14201	106.80000	-0.00652	106.78	-15.355E-12	-183.18E-6	3.6636E-9						
1	Grid	60.12403	-75.14201	106.80000	-0.00521	106.78	-14.355E-12	-176.07E-6	3.5215E-9						
1	Grid	62.11921	-75.14201	106.80000	-0.00401	106.78	-13.415E-12	-169.22E-6	3.3844E-9						
1	Grid	64.11439	-75.14201	106.80000	-0.00292	106.78	-12.536E-12	-162.62E-6	3.2524E-9						
1	Grid	66.10957	-75.14201	106.80000	-0.00191	106.78	-11.712E-12	-156.26E-6	3.1252E-9						
1	Grid	68.10475	-75.14201	106.80000	-0.00099	106.78	-10.947E-12	-150.15E-6	3.0030E-9						
1	Grid	70.09993	-75.14201	106.80000	-0.00014	106.78	-10.230E-12	-144.28E-6	2.8855E-9						
1	Grid	72.09511	-75.14201	106.80000	0.00066	106.78	-9.5590E-12	-138.64E-6	2.7727E-9						
1	Grid	74.09029	-75.14201	106.80000	0.00140	106.78	-8.9369E-12	-133.22E-6	2.6644E-9						
1	Grid	76.08547	-75.14201	106.80000	0.00210	106.78	-8.3547E-12	-128.03E-6	2.5604E-9						
1	Grid	78.08065	-75.142.												

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term							Job No.		Sheet No.		Rev.	
							3244					
							Drg. Ref.					
Made by AC		Date		Checked								
Ref.	Name	x	y	z	δz	Stress: Calc. Level [MOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]			
		[m]	[m]	[MOD]	[mm]							
1	Grid	165.86856	-75.14201	106.80000	0.02399	106.78	0.0	-26.754E-6	535.07E-12			
1	Grid	167.86374	-75.14201	106.80000	0.02392	106.78	0.0	-25.986E-6	519.72E-12			
1	Grid	169.85892	-75.14201	106.80000	0.02384	106.78	0.0	-25.246E-6	504.93E-12			
1	Grid	171.85410	-75.14201	106.80000	0.02373	106.78	0.0	-24.533E-6	490.66E-12			
1	Grid	173.84928	-75.14201	106.80000	0.02361	106.78	0.0	-23.845E-6	476.91E-12			
1	Grid	175.84446	-75.14201	106.80000	0.02347	106.78	0.0	-23.182E-6	463.64E-12			
1	Grid	177.83964	-75.14201	106.80000	0.02332	106.78	0.0	-22.542E-6	450.84E-12			
1	Grid	179.83482	-75.14201	106.80000	0.02315	106.78	0.0	-21.924E-6	438.49E-12			
1	Grid	181.83000	-75.14201	106.80000	0.02296	106.78	0.0	-21.328E-6	426.56E-12			
1	Grid	-95.50000	-73.26727	106.80000	0.01836	106.78	-6.3842E-12	-109.69E-6	2.1939E-9			
1	Grid	-93.50482	-73.26727	106.80000	0.01796	106.78	-6.8239E-12	-114.13E-6	2.2826E-9			
1	Grid	-91.50964	-73.26727	106.80000	0.01748	106.78	-7.2962E-12	-118.77E-6	2.3754E-9			
1	Grid	-89.51446	-73.26727	106.80000	0.01693	106.78	-7.8044E-12	-123.61E-6	2.4723E-9			
1	Grid	-87.51928	-73.26727	106.80000	0.01630	106.78	-8.3473E-12	-128.67E-6	2.5735E-9			
1	Grid	-85.52410	-73.26727	106.80000	0.01558	106.78	-8.9362E-12	-133.96E-6	2.6791E-9			
1	Grid	-83.52892	-73.26727	106.80000	0.01477	106.78	-9.5657E-12	-139.47E-6	2.7894E-9			
1	Grid	-81.53374	-73.26727	106.80000	0.01386	106.78	-10.242E-12	-145.22E-6	2.9044E-9			
1	Grid	-79.53856	-73.26727	106.80000	0.01284	106.78	-10.964E-12	-151.22E-6	3.0244E-9			
1	Grid	-77.54338	-73.26727	106.80000	0.01171	106.78	-11.743E-12	-157.47E-6	3.1494E-9			
1	Grid	-75.54820	-73.26727	106.80000	0.01046	106.78	-12.575E-12	-163.98E-6	3.2796E-9			
1	Grid	-73.55302	-73.26727	106.80000	0.00908	106.78	-13.466E-12	-170.75E-6	3.4150E-9			
1	Grid	-71.55784	-73.26727	106.80000	0.00758	106.78	-14.420E-12	-177.79E-6	3.5559E-9			
1	Grid	-69.56266	-73.26727	106.80000	0.00593	106.78	-15.439E-12	-185.11E-6	3.7022E-9			
1	Grid	-67.56748	-73.26727	106.80000	0.00414	106.78	-16.533E-12	-192.70E-6	3.8540E-9			
1	Grid	-65.57230	-73.26727	106.80000	0.00221	106.78	-17.695E-12	-200.57E-6	4.0114E-9			
1	Grid	-63.57712	-73.26727	106.80000	0.00012	106.78	-18.932E-12	-208.72E-6	4.1743E-9			
1	Grid	-61.58194	-73.26727	106.80000	-0.00212	106.78	-20.253E-12	-217.14E-6	4.3428E-9			
1	Grid	-59.58676	-73.26727	106.80000	-0.00453	106.78	-21.653E-12	-225.83E-6	4.5166E-9			
1	Grid	-57.59158	-73.26727	106.80000	-0.00708	106.78	-23.139E-12	-234.78E-6	4.6957E-9			
1	Grid	-55.59640	-73.26727	106.80000	-0.00980	106.78	-24.714E-12	-243.99E-6	4.8798E-9			
1	Grid	-53.60122	-73.26727	106.80000	-0.01267	106.78	-26.372E-12	-253.44E-6	5.0688E-9			
1	Grid	-51.60604	-73.26727	106.80000	-0.01570	106.78	-28.123E-12	-263.11E-6	5.2622E-9			
1	Grid	-49.61086	-73.26727	106.80000	-0.01886	106.78	-29.959E-12	-272.99E-6	5.4597E-9			
1	Grid	-47.61568	-73.26727	106.80000	-0.02217	106.78	-31.884E-12	-283.04E-6	5.6609E-9			
1	Grid	-45.62050	-73.26727	106.80000	-0.02560	106.78	-33.895E-12	-293.25E-6	5.8650E-9			
1	Grid	-43.62532	-73.26727	106.80000	-0.02914	106.78	-35.981E-12	-303.57E-6	6.0715E-9			
1	Grid	-41.63014	-73.26727	106.80000	-0.03278	106.78	-38.144E-12	-313.98E-6	6.2795E-9			
1	Grid	-39.63496	-73.26727	106.80000	-0.03650	106.78	-40.370E-12	-324.42E-6	6.4883E-9			
1	Grid	-37.63978	-73.26727	106.80000	-0.04028	106.78	-42.654E-12	-334.84E-6	6.6968E-9			
1	Grid	-35.64460	-73.26727	106.80000	-0.04408	106.78	-44.981E-12	-345.20E-6	6.9040E-9			
1	Grid	-33.64942	-73.26727	106.80000	-0.04790	106.78	-47.339E-12	-355.43E-6	7.1086E-9			
1	Grid	-31.65424	-73.26727	106.80000	-0.05169	106.78	-49.710E-12	-365.47E-6	7.3094E-9			
1	Grid	-29.65906	-73.26727	106.80000	-0.05543	106.78	-52.076E-12	-375.26E-6	7.5051E-9			
1	Grid	-27.66388	-73.26727	106.80000	-0.05908	106.78	-54.412E-12	-384.71E-6	7.6942E-9			
1	Grid	-25.66871	-73.26727	106.80000	-0.06262	106.78	-56.697E-12	-393.76E-6	7.8752E-9			
1	Grid	-23.67353	-73.26727	106.80000	-0.06600	106.78	-58.907E-12	-402.33E-6	8.0465E-9			
1	Grid	-21.67835	-73.26727	106.80000	-0.06920	106.78	-61.014E-12	-410.34E-6	8.2067E-9			
1	Grid	-19.68317	-73.26727	106.80000	-0.07219	106.78	-62.992E-12	-417.71E-6	8.3542E-9			
1	Grid	-17.68799	-73.26727	106.80000	-0.07493	106.78	-64.809E-12	-424.37E-6	8.4875E-9			
1	Grid	-15.69281	-73.26727	106.80000	-0.07739	106.78	-66.443E-12	-430.26E-6	8.6052E-9			
1	Grid	-13.69763	-73.26727	106.80000	-0.07955	106.78	-67.865E-12	-435.30E-6	8.7095E-9			
1	Grid	-11.70245	-73.26727	106.80000	-0.08138	106.78	-69.053E-12	-439.43E-6	8.7886E-9			
1	Grid	-9.70727	-73.26727	106.80000	-0.08286	106.78	-69.989E-12	-442.61E-6	8.8522E-9			
1	Grid	-7.71209	-73.26727	106.80000	-0.08398	106.78	-70.651E-12	-444.80E-6	8.8960E-9			
1	Grid	-5.71691	-73.26727	106.80000	-0.08473	106.78	-71.030E-12	-445.97E-6	8.9193E-9			
1	Grid	-3.72173	-73.26727	106.80000	-0.08507	106.78	-71.115E-12	-446.05E-6	8.9219E-9			
1	Grid	-1.72655	-73.26727	106.80000	-0.08507	106.78	-70.905E-12	-445.18E-6	8.9036E-9			
1	Grid	0.26863	-73.26727	106.80000	-0.08468	106.78	-70.404E-12	-443.23E-6	8.8647E-9			
1	Grid	2.26381	-73.26727	106.80000	-0.08390	106.78	-69.623E-12	-440.27E-6	8.8055E-9			
1	Grid	4.25899	-73.26727	106.80000	-0.08277	106.78	-68.568E-12	-436.34E-6	8.7267E-9			
1	Grid	6.25417	-73.26727	106.80000	-0.08129	106.78	-67.259E-12	-431.47E-6	8.6293E-9			
1	Grid	8.24935	-73.26727	106.80000	-0.07949	106.78	-65.723E-12	-425.71E-6	8.5143E-9			
1	Grid	10.24453	-73.26727	106.80000	-0.07739	106.78	-63.978E-12	-419.15E-6	8.3829E-9			
1	Grid	12.23971	-73.26727	106.80000	-0.07501	106.78	-62.056E-12	-411.83E-6	8.2366E-9			
1	Grid	14.23489	-73.26727	106.80000	-0.07239	106.78	-59.979E-12	-403.84E-6	8.0769E-9			
1	Grid	16.23007	-73.26727	106.80000	-0.06956	106.78	-57.780E-12	-395.26E-6	7.9052E-9			
1	Grid	18.22525	-73.26727	106.80000	-0.06656	106.78	-55.485E-12	-386.16E-6	7.7233E-9			
1	Grid	20.22043	-73.26727	106.80000	-0.06340	106.78	-53.122E-12	-376.63E-6	7.5326E-9			
1	Grid	22.21561	-73.26727	106.80000	-0.06014	106.78	-50.720E-12	-366.74E-6	7.3348E-9			
1	Grid	24.21079	-73.26727	106.80000	-0.05680	106.78	-48.298E-12	-356.57E-6	7.1314E-9			
1	Grid	26.20597	-73.26727	106.80000	-0.05341	106.78	-45.879E-12	-346.19E-6	6.9238E-9			
1	Grid	28.20115	-73.26727	106.80000	-0.05001	106.78	-43.485E-12	-335.67E-6	6.7135E-9			
1	Grid	30.19633	-73.26727	106.80000	-0.04663	106.78	-41.133E-12	-325.08E-6	6.5016E-9			
1	Grid	32.19151	-73.26727	106.80000	-0.04329	106.78	-38.831E-12	-314.46E-6	6.2893E-9			
1	Grid	34.18669	-73.26727	106.80000	-0.04001	106.78	-36.597E-12	-303.88E-6	6.0777E-9			
1	Grid	36.18187	-73.26727	106.80000	-0.03677	106.78	-34.435E-12	-293.39E-6	5.8677E-9			
1												



Highgate Junior School Sports Hall

Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	145.91676	-73.26727	106.80000	0.02281	106.78	-1.02655E-12	-36.8095E-6	736.139E-12
1	Grid	147.91194	-73.26727	106.80000	0.02308	106.78	0.0	-35.6575E-6	713.139E-12
1	Grid	149.90712	-73.26727	106.80000	0.02332	106.78	0.0	-34.5495E-6	690.988E-12
1	Grid	151.90230	-73.26727	106.80000	0.02352	106.78	0.0	-33.4846E-6	669.688E-12
1	Grid	153.89748	-73.26727	106.80000	0.02369	106.78	0.0	-32.4606E-6	649.218E-12
1	Grid	155.89266	-73.26727	106.80000	0.02382	106.78	0.0	-31.4766E-6	629.518E-12
1	Grid	157.88784	-73.26727	106.80000	0.02392	106.78	0.0	-30.5299E-6	610.578E-12
1	Grid	159.88302	-73.26727	106.80000	0.02399	106.78	0.0	-29.6178E-6	592.358E-12
1	Grid	161.87820	-73.26727	106.80000	0.02402	106.78	0.0	-28.7408E-6	574.818E-12
1	Grid	163.87338	-73.26727	106.80000	0.02403	106.78	0.0	-27.8966E-6	557.928E-12
1	Grid	165.86856	-73.26727	106.80000	0.02402	106.78	0.0	-27.0836E-6	541.668E-12
1	Grid	167.86374	-73.26727	106.80000	0.02398	106.78	0.0	-26.3008E-6	525.998E-12
1	Grid	169.85892	-73.26727	106.80000	0.02391	106.78	0.0	-25.5458E-6	510.908E-12
1	Grid	171.85410	-73.26727	106.80000	0.02383	106.78	0.0	-24.8188E-6	496.368E-12
1	Grid	173.84928	-73.26727	106.80000	0.02372	106.78	0.0	-24.1178E-6	482.348E-12
1	Grid	175.84446	-73.26727	106.80000	0.02359	106.78	0.0	-23.4418E-6	468.828E-12
1	Grid	177.83964	-73.26727	106.80000	0.02345	106.78	0.0	-22.7898E-6	455.788E-12
1	Grid	179.83482	-73.26727	106.80000	0.02329	106.78	0.0	-22.1608E-6	443.218E-12
1	Grid	181.83000	-73.26727	106.80000	0.02312	106.78	0.0	-21.5548E-6	431.078E-12
1	Grid	-95.50000	-71.39252	106.80000	0.01806	106.78	-6.72138E-12	-113.128E-6	2.26238E-9
1	Grid	-93.60482	-71.39252	106.80000	0.01759	106.78	-7.19498E-12	-137.798E-6	2.35598E-9
1	Grid	-91.50964	-71.39252	106.80000	0.01705	106.78	-7.70128E-12	-122.688E-6	2.45368E-9
1	Grid	-89.51446	-71.39252	106.80000	0.01643	106.78	-8.25278E-12	-127.808E-6	2.55598E-9
1	Grid	-87.51928	-71.39252	106.80000	0.01571	106.78	-8.84168E-12	-133.158E-6	2.66298E-9
1	Grid	-85.52410	-71.39252	106.80000	0.01490	106.78	-9.47788E-12	-138.748E-6	2.77498E-9
1	Grid	-83.52892	-71.39252	106.80000	0.01399	106.78	-10.1638E-12	-144.558E-6	2.89188E-9
1	Grid	-81.53374	-71.39252	106.80000	0.01295	106.78	-10.8998E-12	-150.708E-6	3.01418E-9
1	Grid	-79.53856	-71.39252	106.80000	0.01181	106.78	-11.6898E-12	-157.098E-6	3.14188E-9
1	Grid	-77.54338	-71.39252	106.80000	0.01054	106.78	-12.5398E-12	-163.758E-6	3.27508E-9
1	Grid	-75.54820	-71.39252	106.80000	0.00913	106.78	-13.4518E-12	-170.708E-6	3.41418E-9
1	Grid	-73.55302	-71.39252	106.80000	0.00758	106.78	-14.4348E-12	-177.958E-6	3.55918E-9
1	Grid	-71.55784	-71.39252	106.80000	0.00589	106.78	-15.4878E-12	-185.508E-6	3.71018E-9
1	Grid	-69.56266	-71.39252	106.80000	0.00404	106.78	-16.6158E-12	-193.368E-6	3.86728E-9
1	Grid	-67.56748	-71.39252	106.80000	0.00202	106.78	-17.8248E-12	-201.538E-6	4.03068E-9
1	Grid	-65.57230	-71.39252	106.80000	-0.00016	106.78	-19.1188E-12	-210.028E-6	4.20048E-9
1	Grid	-63.57712	-71.39252	106.80000	-0.00152	106.78	-20.5028E-12	-218.828E-6	4.37648E-9
1	Grid	-61.58194	-71.39252	106.80000	-0.00504	106.78	-21.9768E-12	-227.948E-6	4.55888E-9
1	Grid	-59.58676	-71.39252	106.80000	-0.00776	106.78	-23.5498E-12	-237.378E-6	4.74758E-9
1	Grid	-57.59158	-71.39252	106.80000	-0.01065	106.78	-25.2238E-12	-247.128E-6	4.94238E-9
1	Grid	-55.59640	-71.39252	106.80000	-0.01373	106.78	-27.0028E-12	-257.158E-6	5.14318E-9
1	Grid	-53.60122	-71.39252	106.80000	-0.01699	106.78	-28.8868E-12	-267.488E-6	5.34968E-9
1	Grid	-51.60604	-71.39252	106.80000	-0.02043	106.78	-30.8738E-12	-278.078E-6	5.56158E-9
1	Grid	-49.61086	-71.39252	106.80000	-0.02403	106.78	-32.9718E-12	-288.928E-6	5.77848E-9
1	Grid	-47.61568	-71.39252	106.80000	-0.02780	106.78	-35.1798E-12	-299.998E-6	5.99978E-9
1	Grid	-45.62050	-71.39252	106.80000	-0.03172	106.78	-37.4898E-12	-311.258E-6	6.22508E-9
1	Grid	-43.62532	-71.39252	106.80000	-0.03579	106.78	-39.8998E-12	-322.758E-6	6.45428E-9
1	Grid	-41.63014	-71.39252	106.80000	-0.03994	106.78	-42.4058E-12	-334.218E-6	6.68428E-9
1	Grid	-39.63496	-71.39252	106.80000	-0.04421	106.78	-44.9978E-12	-345.828E-6	6.91638E-9
1	Grid	-37.63978	-71.39252	106.80000	-0.04855	106.78	-47.6648E-12	-357.448E-6	7.14888E-9
1	Grid	-35.64460	-71.39252	106.80000	-0.05294	106.78	-50.3958E-12	-369.018E-6	7.38038E-9
1	Grid	-33.64942	-71.39252	106.80000	-0.05733	106.78	-53.1678E-12	-380.488E-6	7.60988E-9
1	Grid	-31.65424	-71.39252	106.80000	-0.06171	106.78	-55.9678E-12	-391.768E-6	7.83518E-9
1	Grid	-29.65906	-71.39252	106.80000	-0.06604	106.78	-58.7698E-12	-402.778E-6	8.05548E-9
1	Grid	-27.66388	-71.39252	106.80000	-0.07027	106.78	-61.5518E-12	-413.448E-6	8.26898E-9
1	Grid	-25.66871	-71.39252	106.80000	-0.07437	106.78	-64.2838E-12	-423.688E-6	8.47358E-9
1	Grid	-23.67353	-71.39252	106.80000	-0.07830	106.78	-66.9488E-12	-433.408E-6	8.66918E-9
1	Grid	-21.67835	-71.39252	106.80000	-0.08203	106.78	-69.4608E-12	-442.508E-6	8.85008E-9
1	Grid	-19.68317	-71.39252	106.80000	-0.08550	106.78	-71.8458E-12	-450.908E-6	9.01798E-9
1	Grid	-17.68799	-71.39252	106.80000	-0.08870	106.78	-74.0478E-12	-458.508E-6	9.17008E-9
1	Grid	-15.69281	-71.39252	106.80000	-0.09157	106.78	-76.0298E-12	-465.238E-6	9.30468E-9
1	Grid	-13.69763	-71.39252	106.80000	-0.09409	106.78	-77.7618E-12	-471.008E-6	9.42008E-9
1	Grid	-11.70245	-71.39252	106.80000	-0.09623	106.78	-79.2158E-12	-475.748E-6	9.51498E-9
1	Grid	-9.70727	-71.39252	106.80000	-0.09797	106.78	-80.3548E-12	-479.408E-6	9.58808E-9
1	Grid	-7.71209	-71.39252	106.80000	-0.09929	106.78	-81.1678E-12	-481.928E-6	9.63858E-9
1	Grid	-5.71691	-71.39252	106.80000	-0.10017	106.78	-81.6348E-12	-483.288E-6	9.66558E-9
1	Grid	-3.72173	-71.39252	106.80000	-0.10063	106.78	-81.7438E-12	-483.408E-6	9.66878E-9
1	Grid	-1.72655	-71.39252	106.80000	-0.10059	106.78	-81.4948E-12	-482.408E-6	9.64818E-9
1	Grid	0.26863	-71.39252	106.80000	-0.10014	106.78	-80.8918E-12	-480.198E-6	9.60378E-9
1	Grid	2.26381	-71.39252	106.80000	-0.09925	106.78	-79.9398E-12	-476.818E-6	9.53628E-9
1	Grid	4.25899	-71.39252	106.80000	-0.09794	106.78	-78.6608E-12	-472.318E-6	9.44628E-9
1	Grid	6.25417	-71.39252	106.80000	-0.09623	106.78	-77.0728E-12	-466.678E-6	9.33508E-9
1	Grid	8.24935	-71.39252	106.80000	-0.09414	106.78	-75.2118E-12	-460.198E-6	9.20388E-9
1	Grid	10.24453	-71.39252	106.80000	-0.09171	106.78	-73.1058E-12	-452.718E-6	9.05418E-9
1	Grid	12.23971	-71.39252	106.80000	-0.08896	106.78	-70.7808E-12	-444.388E-6	8.88768E-9
1	Grid	14.23489	-71.39252	106.80000	-0.08593	106.78	-68.2828E-12	-435.308E-6	8.70618E-9
1	Grid	16.23007	-71.39252	106.80000	-0.08266	106.78	-65.6408E-12	-425.578E-6	8.51148E-9
1	Grid	18.22525	-71.39252	106.80000	-0.07919	106.78	-62.8948E-12	-415.278E-6	8.30548E-9
1	Grid	20.22043	-71.39252	106.80000	-0.07555	106.78	-60.0798E-12	-404.508E-6	8.09018E-9
1	Grid	22.21561	-71.39252	106.80000	-0.07179	106.78	-57.2198E-12	-393.368E-6	7.86728E-9
1	Grid	24.21079	-71.39252	106.80000	-0.06794	106.78	-54.3498E-12	-381.928E-6	7.63848E-9
1	Grid	26.20597	-71.39252	106.80000	-0.06392	106.78	-51.4988E-12	-370.288E-6	7.40568E-9
1	Grid	28.20115	-71.39252	106.80000	-0.06015	106.78	-48.6838E-12	-358.518E-6	7.17028E-9
1	Grid	30.19633	-71.39252	106.80000	-0.05627	106.78	-45.9258E-12	-346.698E-6	6.93378E-9
1	Grid	32.19151	-71.39252	106.80000	-0.05244	106.78	-43.2418E-12	-334.878E-6	6.69748E-9
1	Grid	34.18669	-71.39252	106.80000	-0.04871	106.78	-40.6438E-12	-323.128E-6	6.46258E-9
1	Grid	36.18187	-71.39252	106.80000	-0.04508	106.78	-38.1418E-12	-311.498E-6	6.22998E-9
1	Grid	38.17705	-71.39252	106.80000	-0.04158	106.78	-35.7458E-12	-300.038E-6	6.00068E-9
1	Grid	40.17223	-71.39252	106.80000	-0.03823	106.78	-33.4618E-12	-288.778E-6	5.77548E-9
1	Grid	42.16741	-71.39252	106.80000	-0.03505	106.78	-31.2878E-12	-277.758E-6	5.55498E-9
1	Grid	44.16259	-71.39252	106.80000	-0.03204	106.78	-29.2268E-12	-266.988E-6	5.33968E-9
1	Grid	46.15777	-71.39252	106.80000	-0.02923	106.78	-27.2808E-12	-256.508E-6	5.13008E-9
1	Grid	48.15295	-71.39252	106.80000	-0.02658	106.78	-25.4458E-12	-246.328E-6	4.92658E-9
1	Grid	50.14813	-71.39252	106.80000	-0.02413	106.78	-23.7208E-12	-236.468E-6	4.72918E-9
1	Grid	52.14331	-71.39252	106.80000	-0.02187	106.78	-22.1058E-12	-226.918E-6	4.53828E-9
1	Grid	54.13849	-71.39252	106.80000	-0.01979	106.78	-20.5888E-12	-217.708E-6	4.35398E-9
1	Grid	56.13367	-71.39252	106.80000	-0.01789	106.78	-19.1728E-12	-208.818E-6	4.17628E-9
1	Grid	58.12885	-71.39252	106.80000	-0.01616	106.78	-17.		

Oasys							Job No.	Sheet No.	Rev.
Highgate Junior School Sports Hall							3244		
Unloading and Loading Long Term									
							Drg. Ref.		
							Made by	Date	Checked
							AC		
Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[MOD]	[mm]				
1	Grid	125.96496	-71.39252	106.80000	0.01645	106.78	-1.8485E-12	-52.3035E-6	1.0461E-9
1	Grid	127.96014	-71.39252	106.80000	0.01724	106.78	-1.7433E-12	-50.5075E-6	1.0101E-9
1	Grid	129.95532	-71.39252	106.80000	0.01799	106.78	-1.6460E-12	-48.7875E-6	975.755E-12
1	Grid	131.95050	-71.39252	106.80000	0.01870	106.78	-1.5534E-12	-47.1405E-6	942.800E-12
1	Grid	133.94568	-71.39252	106.80000	0.01936	106.78	-1.4648E-12	-45.5615E-6	911.225E-12
1	Grid	135.94086	-71.39252	106.80000	0.01998	106.78	-1.3849E-12	-44.0475E-6	880.945E-12
1	Grid	137.93604	-71.39252	106.80000	0.02055	106.78	-1.3110E-12	-42.5965E-6	851.925E-12
1	Grid	139.93122	-71.39252	106.80000	0.02107	106.78	-1.2383E-12	-41.2045E-6	824.085E-12
1	Grid	141.92640	-71.39252	106.80000	0.02155	106.78	-1.1737E-12	-39.8685E-6	797.375E-12
1	Grid	143.92158	-71.39252	106.80000	0.02198	106.78	-1.1111E-12	-38.5875E-6	771.745E-12
1	Grid	145.91676	-71.39252	106.80000	0.02236	106.78	-1.0498E-12	-37.3575E-6	747.135E-12
1	Grid	147.91194	-71.39252	106.80000	0.02271	106.78	0.0	-36.1765E-6	723.515E-12
1	Grid	149.90712	-71.39252	106.80000	0.02300	106.78	0.0	-35.0415E-6	700.825E-12
1	Grid	151.90230	-71.39252	106.80000	0.02326	106.78	0.0	-33.9515E-6	679.025E-12
1	Grid	153.89748	-71.39252	106.80000	0.02348	106.78	0.0	-32.9045E-6	658.085E-12
1	Grid	155.89266	-71.39252	106.80000	0.02365	106.78	0.0	-31.8975E-6	637.945E-12
1	Grid	157.88784	-71.39252	106.80000	0.02379	106.78	0.0	-30.9295E-6	618.585E-12
1	Grid	159.88302	-71.39252	106.80000	0.02390	106.78	0.0	-29.9985E-6	599.965E-12
1	Grid	161.87820	-71.39252	106.80000	0.02397	106.78	0.0	-29.1025E-6	582.045E-12
1	Grid	163.87338	-71.39252	106.80000	0.02401	106.78	0.0	-28.2405E-6	564.805E-12
1	Grid	165.86856	-71.39252	106.80000	0.02403	106.78	0.0	-27.4105E-6	548.215E-12
1	Grid	167.86374	-71.39252	106.80000	0.02401	106.78	0.0	-26.6125E-6	532.235E-12
1	Grid	169.85892	-71.39252	106.80000	0.02397	106.78	0.0	-25.8425E-6	516.855E-12
1	Grid	171.85410	-71.39252	106.80000	0.02390	106.78	0.0	-25.1015E-6	502.025E-12
1	Grid	173.84928	-71.39252	106.80000	0.02381	106.78	0.0	-24.3875E-6	487.745E-12
1	Grid	175.84446	-71.39252	106.80000	0.02370	106.78	0.0	-23.6985E-6	473.975E-12
1	Grid	177.83964	-71.39252	106.80000	0.02358	106.78	0.0	-23.0355E-6	460.705E-12
1	Grid	179.83482	-71.39252	106.80000	0.02343	106.78	0.0	-22.3955E-6	447.895E-12
1	Grid	181.83000	-71.39252	106.80000	0.02327	106.78	0.0	-21.7775E-6	435.555E-12
1	Grid	-95.50000	-69.51777	106.80000	0.01772	106.78	-7.0737E-12	-116.635E-6	2.3326E-9
1	Grid	-93.50482	-69.51777	106.80000	0.01719	106.78	-7.5819E-12	-121.555E-6	2.4310E-9
1	Grid	-91.50964	-69.51777	106.80000	0.01658	106.78	-8.1322E-12	-126.705E-6	2.5341E-9
1	Grid	-89.51446	-69.51777	106.80000	0.01587	106.78	-8.7224E-12	-132.115E-6	2.6421E-9
1	Grid	-87.51928	-69.51777	106.80000	0.01506	106.78	-9.3625E-12	-137.765E-6	2.7553E-9
1	Grid	-85.52410	-69.51777	106.80000	0.01415	106.78	-10.0535E-12	-143.695E-6	2.8738E-9
1	Grid	-83.52892	-69.51777	106.80000	0.01312	106.78	-10.7965E-12	-149.905E-6	2.9979E-9
1	Grid	-81.53374	-69.51777	106.80000	0.01197	106.78	-11.5975E-12	-156.395E-6	3.1278E-9
1	Grid	-79.53856	-69.51777	106.80000	0.01069	106.78	-12.4615E-12	-163.185E-6	3.2637E-9
1	Grid	-77.54338	-69.51777	106.80000	0.00926	106.78	-13.3915E-12	-170.295E-6	3.4058E-9
1	Grid	-75.54820	-69.51777	106.80000	0.00769	106.78	-14.3925E-12	-177.725E-6	3.5543E-9
1	Grid	-73.55302	-69.51777	106.80000	0.00595	106.78	-15.4735E-12	-185.475E-6	3.7094E-9
1	Grid	-71.55784	-69.51777	106.80000	0.00405	106.78	-16.6335E-12	-193.575E-6	3.8713E-9
1	Grid	-69.56266	-69.51777	106.80000	0.00198	106.78	-17.8835E-12	-202.015E-6	4.0402E-9
1	Grid	-67.56748	-69.51777	106.80000	-0.00028	106.78	-19.2255E-12	-210.815E-6	4.2161E-9
1	Grid	-65.57230	-69.51777	106.80000	-0.00274	106.78	-20.6635E-12	-219.965E-6	4.3992E-9
1	Grid	-63.57712	-69.51777	106.80000	-0.00538	106.78	-22.2085E-12	-229.485E-6	4.5896E-9
1	Grid	-61.58194	-69.51777	106.80000	-0.00824	106.78	-23.8615E-12	-239.365E-6	4.7872E-9
1	Grid	-59.58676	-69.51777	106.80000	-0.01130	106.78	-25.6295E-12	-249.605E-6	4.9920E-9
1	Grid	-57.59158	-69.51777	106.80000	-0.01457	106.78	-27.5155E-12	-260.205E-6	5.2041E-9
1	Grid	-55.59640	-69.51777	106.80000	-0.01805	106.78	-29.5265E-12	-271.165E-6	5.4231E-9
1	Grid	-53.60122	-69.51777	106.80000	-0.02174	106.78	-31.6635E-12	-282.455E-6	5.6490E-9
1	Grid	-51.60604	-69.51777	106.80000	-0.02564	106.78	-33.9305E-12	-294.075E-6	5.8813E-9
1	Grid	-49.61086	-69.51777	106.80000	-0.02975	106.78	-36.3325E-12	-305.995E-6	6.1197E-9
1	Grid	-47.61568	-69.51777	106.80000	-0.03404	106.78	-38.8665E-12	-318.195E-6	6.3637E-9
1	Grid	-45.62050	-69.51777	106.80000	-0.03851	106.78	-41.5275E-12	-330.635E-6	6.6126E-9
1	Grid	-43.62532	-69.51777	106.80000	-0.04314	106.78	-44.3175E-12	-343.285E-6	6.8657E-9
1	Grid	-41.63014	-69.51777	106.80000	-0.04792	106.78	-47.2245E-12	-356.105E-6	7.1220E-9
1	Grid	-39.63496	-69.51777	106.80000	-0.05281	106.78	-50.2505E-12	-369.035E-6	7.3805E-9
1	Grid	-37.63978	-69.51777	106.80000	-0.05780	106.78	-53.3715E-12	-382.015E-6	7.6401E-9
1	Grid	-35.64460	-69.51777	106.80000	-0.06285	106.78	-56.5795E-12	-394.975E-6	7.8994E-9
1	Grid	-33.64942	-69.51777	106.80000	-0.06792	106.78	-59.8535E-12	-407.845E-6	8.1568E-9
1	Grid	-31.65424	-69.51777	106.80000	-0.07297	106.78	-63.1705E-12	-420.545E-6	8.4108E-9
1	Grid	-29.65906	-69.51777	106.80000	-0.07798	106.78	-66.5095E-12	-432.985E-6	8.6595E-9
1	Grid	-27.66388	-69.51777	106.80000	-0.08288	106.78	-69.8315E-12	-445.055E-6	8.9011E-9
1	Grid	-25.66871	-69.51777	106.80000	-0.08764	106.78	-73.1045E-12	-456.675E-6	9.1334E-9
1	Grid	-23.67353	-69.51777	106.80000	-0.09221	106.78	-76.2935E-12	-467.725E-6	9.3545E-9
1	Grid	-21.67835	-69.51777	106.80000	-0.09654	106.78	-79.3555E-12	-478.105E-6	9.5620E-9
1	Grid	-19.68317	-69.51777	106.80000	-0.10059	106.78	-82.2485E-12	-487.705E-6	9.7540E-9
1	Grid	-17.68799	-69.51777	106.80000	-0.10431	106.78	-84.9235E-12	-496.415E-6	9.9282E-9
1	Grid	-15.69281	-69.51777	106.80000	-0.10766	106.78	-87.3445E-12	-504.135E-6	10.0835E-9
1	Grid	-13.69763	-69.51777	106.80000	-0.11061	106.78	-89.4645E-12	-510.775E-6	10.2155E-9
1	Grid	-11.70245	-69.51777	106.80000	-0.11311	106.78	-91.2425E-12	-516.235E-6	10.3255E-9
1	Grid	-9.70727	-69.51777	106.80000	-0.11515	106.78	-92.6535E-12	-520.465E-6	10.4095E-9
1	Grid	-7.71209	-69.51777	106.80000	-0.11669	106.78	-93.6565E-12	-523.385E-6	10.4685E-9
1	Grid	-5.71691	-69.51777	106.80000	-0.11773	106.78	-94.2355E-12	-524.955E-6	10.4995E-9
1	Grid	-3.72173	-69.51777	106.80000	-0.11824	106.78	-94.3775E-12	-525.195E-6	10.5035E-9
1	Grid	-1.72655	-69.51777	106.80000	-0.11824	106.78	-94.0785E-12	-523.985E-6	10.4805E-9
1	Grid	0.26863	-69.51777	106.80000	-0.11772	106.78	-93.3435E-12	-521.455E-6	10.4295E-9
1	Grid	2.26381	-69.51777	106.80000	-0.11669	106.78	-92.1845E-12	-517.585E-6	10.3515E-9
1	Grid	4.25899	-69.51777	106.80000	-0.11517	106.78	-90.6225E-12	-512.425E-6	10.2485E-9
1	Grid	6.25417	-69.51777	106.80000	-0.11319	106.78	-88.6905E-12	-506.055E-6	10.1215E-9
1	Grid	8.24935	-69.51777	106.80000	-0.11077	106.78	-86.4205E-12	-498.675E-6	9.9707E-9
1	Grid	10.24453	-69.51777	106.80000	-0.10795	106.78	-83.8545E-12	-489.975E-6	9.7994E-9
1	Grid	12.23971	-69.51777	106.80000	-0.10476	106.78	-81.0355E-12	-480.475E-6	9.6093E-9
1	Grid	14.23489	-69.51777	106.80000	-0.10125	106.78	-78.0125E-12	-470.125E-6	9.4023E-9
1	Grid	16.23007	-69.51777	106.80000	-0.09746	106.78			



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	106.01317	-69.51777	106.80000	0.00384	106.78	-3.5492E-12	-77.142E-6	1.5428E-9
1	Grid	108.00835	-69.51777	106.80000	0.00500	106.78	-3.3273E-12	-74.233E-6	1.4847E-9
1	Grid	110.00353	-69.51777	106.80000	0.00617	106.78	-3.1188E-12	-71.456E-6	1.4291E-9
1	Grid	111.99871	-69.51777	106.80000	0.00733	106.78	-2.9277E-12	-68.805E-6	1.3761E-9
1	Grid	113.99388	-69.51777	106.80000	0.00849	106.78	-2.7491E-12	-66.272E-6	1.3254E-9
1	Grid	115.98906	-69.51777	106.80000	0.00962	106.78	-2.5853E-12	-63.852E-6	1.2770E-9
1	Grid	117.98424	-69.51777	106.80000	0.01074	106.78	-2.4274E-12	-61.540E-6	1.2308E-9
1	Grid	119.97942	-69.51777	106.80000	0.01182	106.78	-2.2828E-12	-59.330E-6	1.1866E-9
1	Grid	121.97460	-69.51777	106.80000	0.01288	106.78	-2.1469E-12	-57.217E-6	1.1443E-9
1	Grid	123.96978	-69.51777	106.80000	0.01389	106.78	-2.0224E-12	-55.196E-6	1.1039E-9
1	Grid	125.96496	-69.51777	106.80000	0.01487	106.78	-1.9045E-12	-53.262E-6	1.0652E-9
1	Grid	127.96014	-69.51777	106.80000	0.01579	106.78	-1.7952E-12	-51.412E-6	1.0282E-9
1	Grid	129.95532	-69.51777	106.80000	0.01668	106.78	-1.6913E-12	-49.642E-6	992.83E-12
1	Grid	131.95050	-69.51777	106.80000	0.01751	106.78	-1.5967E-12	-47.946E-6	958.92E-12
1	Grid	133.94568	-69.51777	106.80000	0.01829	106.78	-1.5068E-12	-46.323E-6	926.45E-12
1	Grid	135.94086	-69.51777	106.80000	0.01904	106.78	-1.4255E-12	-44.767E-6	895.34E-12
1	Grid	137.93604	-69.51777	106.80000	0.01969	106.78	-1.3449E-12	-43.277E-6	865.53E-12
1	Grid	139.93122	-69.51777	106.80000	0.02031	106.78	-1.2710E-12	-41.848E-6	836.95E-12
1	Grid	141.92640	-69.51777	106.80000	0.02087	106.78	-1.2017E-12	-40.478E-6	809.56E-12
1	Grid	143.92158	-69.51777	106.80000	0.02139	106.78	-1.1391E-12	-39.164E-6	783.28E-12
1	Grid	145.91676	-69.51777	106.80000	0.02185	106.78	-1.0771E-12	-37.903E-6	758.06E-12
1	Grid	147.91194	-69.51777	106.80000	0.02226	106.78	-1.0192E-12	-36.693E-6	733.87E-12
1	Grid	149.90712	-69.51777	106.80000	0.02263	106.78	0.0	-35.532E-6	710.64E-12
1	Grid	151.90230	-69.51777	106.80000	0.02294	106.78	0.0	-34.417E-6	688.34E-12
1	Grid	153.89748	-69.51777	106.80000	0.02322	106.78	0.0	-33.346E-6	666.92E-12
1	Grid	155.89266	-69.51777	106.80000	0.02347	106.78	0.0	-32.314E-6	646.33E-12
1	Grid	157.88784	-69.51777	106.80000	0.02363	106.78	0.0	-31.328E-6	626.55E-12
1	Grid	159.88302	-69.51777	106.80000	0.02378	106.78	0.0	-30.377E-6	607.53E-12
1	Grid	161.87820	-69.51777	106.80000	0.02389	106.78	0.0	-29.462E-6	589.24E-12
1	Grid	163.87338	-69.51777	106.80000	0.02397	106.78	0.0	-28.583E-6	571.65E-12
1	Grid	165.86856	-69.51777	106.80000	0.02402	106.78	0.0	-27.736E-6	554.73E-12
1	Grid	167.86374	-69.51777	106.80000	0.02402	106.78	0.0	-26.922E-6	538.43E-12
1	Grid	169.85892	-69.51777	106.80000	0.02401	106.78	0.0	-26.137E-6	522.75E-12
1	Grid	171.85410	-69.51777	106.80000	0.02396	106.78	0.0	-25.382E-6	507.65E-12
1	Grid	173.84928	-69.51777	106.80000	0.02389	106.78	0.0	-24.655E-6	493.10E-12
1	Grid	175.84446	-69.51777	106.80000	0.02378	106.78	0.0	-23.944E-6	479.08E-12
1	Grid	177.83964	-69.51777	106.80000	0.02369	106.78	0.0	-23.278E-6	465.57E-12
1	Grid	179.83482	-69.51777	106.80000	0.02356	106.78	0.0	-22.627E-6	452.54E-12
1	Grid	181.83000	-69.51777	106.80000	0.02341	106.78	0.0	-21.999E-6	439.98E-12
1	Grid	-95.50000	-67.64302	106.80000	0.01735	106.78	-7.4420E-12	-120.23E-6	2.4045E-9
1	Grid	-93.50518	-67.64302	106.80000	0.01675	106.78	-7.3490E-12	-125.41E-6	2.5041E-9
1	Grid	-91.50946	-67.64302	106.80000	0.01606	106.78	-8.5798E-12	-130.84E-6	2.6168E-9
1	Grid	-89.51464	-67.64302	106.80000	0.01527	106.78	-9.2226E-12	-136.54E-6	2.7308E-9
1	Grid	-87.51928	-67.64302	106.80000	0.01436	106.78	-9.9114E-12	-142.52E-6	2.8505E-9
1	Grid	-85.52410	-67.64302	106.80000	0.01334	106.78	-10.659E-12	-148.80E-6	2.9760E-9
1	Grid	-83.52892	-67.64302	106.80000	0.01220	106.78	-11.466E-12	-155.33E-6	3.1076E-9
1	Grid	-81.53374	-67.64302	106.80000	0.01091	106.78	-12.337E-12	-162.28E-6	3.2456E-9
1	Grid	-79.53856	-67.64302	106.80000	0.00947	106.78	-13.282E-12	-169.51E-6	3.3902E-9
1	Grid	-77.54338	-67.64302	106.80000	0.00788	106.78	-14.299E-12	-177.08E-6	3.5417E-9
1	Grid	-75.54820	-67.64302	106.80000	0.00612	106.78	-15.400E-12	-185.02E-6	3.7003E-9
1	Grid	-73.55302	-67.64302	106.80000	0.00426	106.78	-16.587E-12	-193.32E-6	3.8663E-9
1	Grid	-71.55784	-67.64302	106.80000	0.00206	106.78	-17.868E-12	-202.00E-6	4.0399E-9
1	Grid	-69.56266	-67.64302	106.80000	-0.00027	106.78	-19.249E-12	-211.07E-6	4.2214E-9
1	Grid	-67.56748	-67.64302	106.80000	-0.00280	106.78	-20.738E-12	-220.54E-6	4.4108E-9
1	Grid	-65.57230	-67.64302	106.80000	-0.00555	106.78	-22.344E-12	-230.42E-6	4.6084E-9
1	Grid	-63.57712	-67.64302	106.80000	-0.00920	106.78	-24.068E-12	-240.71E-6	4.8142E-9
1	Grid	-61.58194	-67.64302	106.80000	-0.01173	106.78	-25.921E-12	-251.42E-6	5.0284E-9
1	Grid	-59.58676	-67.64302	106.80000	-0.01517	106.78	-27.906E-12	-262.55E-6	5.2510E-9
1	Grid	-57.59158	-67.64302	106.80000	-0.01886	106.78	-30.038E-12	-274.10E-6	5.4820E-9
1	Grid	-55.59640	-67.64302	106.80000	-0.02279	106.78	-32.315E-12	-286.06E-6	5.7211E-9
1	Grid	-53.60122	-67.64302	106.80000	-0.02697	106.78	-34.742E-12	-298.42E-6	5.9683E-9
1	Grid	-51.60604	-67.64302	106.80000	-0.03139	106.78	-37.329E-12	-311.17E-6	6.2233E-9
1	Grid	-49.61086	-67.64302	106.80000	-0.03605	106.78	-40.078E-12	-324.28E-6	6.4856E-9
1	Grid	-47.61568	-67.64302	106.80000	-0.04093	106.78	-42.988E-12	-337.74E-6	6.7548E-9
1	Grid	-45.62050	-67.64302	106.80000	-0.04603	106.78	-46.063E-12	-351.51E-6	7.0302E-9
1	Grid	-43.62532	-67.64302	106.80000	-0.05132	106.78	-49.299E-12	-365.53E-6	7.3109E-9
1	Grid	-41.63014	-67.64302	106.80000	-0.05679	106.78	-52.687E-12	-379.80E-6	7.5961E-9
1	Grid	-39.63496	-67.64302	106.80000	-0.06240	106.78	-56.216E-12	-394.23E-6	7.8846E-9
1	Grid	-37.63978	-67.64302	106.80000	-0.06813	106.78	-59.887E-12	-408.75E-6	8.1750E-9
1	Grid	-35.64460	-67.64302	106.80000	-0.07394	106.78	-63.669E-12	-423.30E-6	8.4660E-9
1	Grid	-33.64942	-67.64302	106.80000	-0.07987	106.78	-67.548E-12	-437.79E-6	8.7575E-9
1	Grid	-31.65424	-67.64302	106.80000	-0.08563	106.78	-71.494E-12	-452.12E-6	9.0424E-9
1	Grid	-29.65906	-67.64302	106.80000	-0.09141	106.78	-75.481E-12	-466.19E-6	9.3239E-9
1	Grid	-27.66388	-67.64302	106.80000	-0.09709	106.78	-79.468E-12	-479.90E-6	9.5981E-9
1	Grid	-25.66871	-67.64302	106.80000	-0.10261	106.78	-83.415E-12	-493.13E-6	9.8625E-9
1	Grid	-23.67353	-67.64302	106.80000	-0.10792	106.78	-87.272E-12	-505.72E-6	10.115E-9
1	Grid	-21.67835	-67.64302	106.80000	-0.11296	106.78	-90.991E-12	-517.61E-6	10.352E-9
1	Grid	-19.68317	-67.64302	106.80000	-0.11768	106.78	-94.519E-12	-528.62E-6	10.572E-9
1	Grid	-17.68799	-67.64302	106.80000	-0.12202	106.78	-97.791E-12	-538.64E-6	10.773E-9
1	Grid	-15.69281	-67.64302	106.80000	-0.12593	106.78	-100.76E-12	-547.53E-6	10.951E-9
1	Grid	-13.69763	-67.64302	106.80000	-0.12937	106.78	-103.38E-12	-555.09E-6	11.104E-9
1	Grid	-11.70245	-67.64302	106.80000	-0.13230	106.78	-105.58E-12	-561.52E-6	11.230E-9
1	Grid	-9.70727	-67.64302	106.80000	-0.13468	106.78	-107.32E-12	-566.42E-6	11.328E-9
1	Grid	-7.71209	-67.64302	106.80000	-0.13649	106.78	-108.57E-12	-569.82E-6	11.396E-9
1	Grid	-5.71691	-67.64302	106.80000	-0.13771	106.78	-109.30E-12	-571.66E-6	11.443E-9
1	Grid	-3.72173	-67.64302	106.80000	-0.13829	106.78	-109.49E-12	-571.72E-6	11.470E-9
1	Grid	-1.72655	-67.64302	106.80000	-0.13832	106.78	-109.12E-12	-570.59E-6	11.412E-9
1	Grid	0.26863	-67.64302	106.80000	-0.13772	106.78	-108.22E-12	-567.67E-6	11.353E-9
1	Grid	2.26381	-67.64302	106.80000	-0.13653	106.78	-106.80E-12	-563.22E-6	11.264E-9
1	Grid	4.25899	-67.64302	106.80000	-0.13476	106.78	-104.88E-12	-557.28E-6	11.146E-9
1	Grid	6.25417	-67.64302	106.80000	-0.13246	106.78	-102.50E-12	-548.95E-6	10.999E-9
1	Grid	8.24935	-67.64302	106.80000	-0.12964	106.78	-99.724E-12	-541.31E-6	10.826E-9
1	Grid	10.24453	-67.64302	106.80000	-0.12636	106.78	-96.583E-12	-531.48E-6	10.630E-9
1	Grid	12.23971	-67.64302	106.80000	-0.12266	106.78	-93.144E-12	-520.58E-6	10.412E-9
1	Grid	14.23489	-67.64302	106.80000	-0.11858	106.78	-89.462E-12	-508.74E-6	10.175E-9
1	Grid	16.23007	-67.64302	106.80000	-0.11419	106.78	-85.597E-12	-496.09E-6	9.9218E-9
1	Grid	18.22525	-67.64302	106.80000	-0.10953	106.78	-81.607E-12	-482.77E-6	9.6554E-9
1	Grid	20.22043	-67.64302	106.80000	-0.10466	106.78	-77.539E-12	-468.90E-6	9.3781E-9
1	Grid	22.21561	-67.64302	106.80000					



Highgate Junior School Sports Hall

Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	96.06137	-67.64302	106.80000	-0.01155	106.78	-7.3355E-12	-118.67E-6	2.3735E-9
1	Grid	88.05655	-67.64302	106.80000	-0.01056	106.78	-6.8299E-12	-113.77E-6	2.2755E-9
1	Grid	90.05173	-67.64302	106.80000	-0.00952	106.78	-6.3642E-12	-109.11E-6	2.1822E-9
1	Grid	92.04691	-67.64302	106.80000	-0.00845	106.78	-5.9319E-12	-104.67E-6	2.0933E-9
1	Grid	94.04209	-67.64302	106.80000	-0.00732	106.78	-5.5336E-12	-100.43E-6	2.0087E-9
1	Grid	96.03727	-67.64302	106.80000	-0.00615	106.78	-5.1639E-12	-96.405E-6	1.9281E-9
1	Grid	98.03245	-67.64302	106.80000	-0.00494	106.78	-4.8221E-12	-92.566E-6	1.8513E-9
1	Grid	100.02763	-67.64302	106.80000	-0.00368	106.78	-4.5064E-12	-88.908E-6	1.7782E-9
1	Grid	102.02281	-67.64302	106.80000	-0.00239	106.78	-4.2113E-12	-85.422E-6	1.7084E-9
1	Grid	104.01799	-67.64302	106.80000	-0.00108	106.78	-3.9382E-12	-82.100E-6	1.6420E-9
1	Grid	106.01317	-67.64302	106.80000	-0.00026	106.78	-3.6884E-12	-78.933E-6	1.5787E-9
1	Grid	108.00835	-67.64302	106.80000	0.00161	106.78	-3.4539E-12	-75.912E-6	1.5182E-9
1	Grid	110.00353	-67.64302	106.80000	0.00296	106.78	-3.2354E-12	-73.032E-6	1.4606E-9
1	Grid	111.99871	-67.64302	106.80000	0.00431	106.78	-3.0342E-12	-70.283E-6	1.4057E-9
1	Grid	113.99388	-67.64302	106.80000	0.00565	106.78	-2.8457E-12	-67.660E-6	1.3532E-9
1	Grid	115.98906	-67.64302	106.80000	0.00699	106.78	-2.6739E-12	-65.157E-6	1.3031E-9
1	Grid	117.98424	-67.64302	106.80000	0.00827	106.78	-2.5107E-12	-62.766E-6	1.2553E-9
1	Grid	119.97942	-67.64302	106.80000	0.00954	106.78	-2.3574E-12	-60.483E-6	1.2097E-9
1	Grid	121.97460	-67.64302	106.80000	0.01076	106.78	-2.2142E-12	-58.302E-6	1.1660E-9
1	Grid	123.96978	-67.64302	106.80000	0.01194	106.78	-2.0870E-12	-56.218E-6	1.1244E-9
1	Grid	125.96496	-67.64302	106.80000	0.01309	106.78	-1.9611E-12	-54.225E-6	1.0845E-9
1	Grid	127.96014	-67.64302	106.80000	0.01416	106.78	-1.8485E-12	-52.320E-6	1.0464E-9
1	Grid	129.95532	-67.64302	106.80000	0.01519	106.78	-1.7419E-12	-50.498E-6	1.0100E-9
1	Grid	131.95050	-67.64302	106.80000	0.01616	106.78	-1.6414E-12	-48.754E-6	975.08E-12
1	Grid	133.94568	-67.64302	106.80000	0.01707	106.78	-1.5501E-12	-47.085E-6	941.70E-12
1	Grid	135.94086	-67.64302	106.80000	0.01792	106.78	-1.4622E-12	-45.475E-6	909.75E-12
1	Grid	137.93604	-67.64302	106.80000	0.01870	106.78	-1.3796E-12	-43.957E-6	879.14E-12
1	Grid	139.93122	-67.64302	106.80000	0.01943	106.78	-1.3050E-12	-42.491E-6	849.82E-12
1	Grid	141.92640	-67.64302	106.80000	0.02010	106.78	-1.2343E-12	-41.086E-6	821.73E-12
1	Grid	143.92158	-67.64302	106.80000	0.02071	106.78	-1.1637E-12	-39.740E-6	794.79E-12
1	Grid	145.91676	-67.64302	106.80000	0.02128	106.78	-1.1051E-12	-38.449E-6	768.97E-12
1	Grid	147.91194	-67.64302	106.80000	0.02175	106.78	-1.0452E-12	-37.210E-6	744.20E-12
1	Grid	149.90712	-67.64302	106.80000	0.02219	106.78	0.0	-36.022E-6	720.43E-12
1	Grid	151.90230	-67.64302	106.80000	0.02257	106.78	0.0	-34.881E-6	697.62E-12
1	Grid	153.89748	-67.64302	106.80000	0.02290	106.78	0.0	-33.786E-6	675.72E-12
1	Grid	155.89266	-67.64302	106.80000	0.02319	106.78	0.0	-32.734E-6	654.69E-12
1	Grid	157.88784	-67.64302	106.80000	0.02343	106.78	0.0	-31.724E-6	634.48E-12
1	Grid	159.88302	-67.64302	106.80000	0.02362	106.78	0.0	-30.753E-6	615.07E-12
1	Grid	161.87820	-67.64302	106.80000	0.02378	106.78	0.0	-29.820E-6	596.40E-12
1	Grid	163.87338	-67.64302	106.80000	0.02389	106.78	0.0	-28.923E-6	578.46E-12
1	Grid	165.86856	-67.64302	106.80000	0.02397	106.78	0.0	-28.060E-6	561.20E-12
1	Grid	167.86374	-67.64302	106.80000	0.02401	106.78	0.0	-27.230E-6	544.59E-12
1	Grid	169.85892	-67.64302	106.80000	0.02402	106.78	0.0	-26.431E-6	528.61E-12
1	Grid	171.85410	-67.64302	106.80000	0.02400	106.78	0.0	-25.661E-6	513.23E-12
1	Grid	173.84928	-67.64302	106.80000	0.02396	106.78	0.0	-24.921E-6	498.41E-12
1	Grid	175.84446	-67.64302	106.80000	0.02392	106.78	0.0	-24.215E-6	484.15E-12
1	Grid	177.83964	-67.64302	106.80000	0.02379	106.78	0.0	-23.520E-6	470.40E-12
1	Grid	179.83482	-67.64302	106.80000	0.02367	106.78	0.0	-22.857E-6	457.15E-12
1	Grid	181.83000	-67.64302	106.80000	0.02353	106.78	0.0	-22.219E-6	444.38E-12
1	Grid	-95.50000	-65.76827	106.80000	0.01695	106.78	-7.8284E-12	-123.91E-6	2.4782E-9
1	Grid	-93.50518	-65.76827	106.80000	0.01582	106.78	-8.4168E-12	-128.26E-6	2.5872E-9
1	Grid	-91.50964	-65.76827	106.80000	0.01550	106.78	-9.0528E-12	-135.09E-6	2.7017E-9
1	Grid	-89.51446	-65.76827	106.80000	0.01462	106.78	-9.7442E-12	-141.10E-6	2.8221E-9
1	Grid	-87.51928	-65.76827	106.80000	0.01361	106.78	-10.490E-12	-147.43E-6	2.9485E-9
1	Grid	-85.52410	-65.76827	106.80000	0.01247	106.78	-11.297E-12	-154.07E-6	3.0814E-9
1	Grid	-83.52892	-65.76827	106.80000	0.01119	106.78	-12.177E-12	-161.05E-6	3.2209E-9
1	Grid	-81.53374	-65.76827	106.80000	0.00976	106.78	-13.126E-12	-168.37E-6	3.3675E-9
1	Grid	-79.53856	-65.76827	106.80000	0.00816	106.78	-14.153E-12	-176.07E-6	3.5214E-9
1	Grid	-77.54338	-65.76827	106.80000	0.00639	106.78	-15.268E-12	-184.14E-6	3.6829E-9
1	Grid	-75.54820	-65.76827	106.80000	0.00443	106.78	-16.475E-12	-192.62E-6	3.8523E-9
1	Grid	-73.55302	-65.76827	106.80000	0.00227	106.78	-17.783E-12	-201.50E-6	4.0300E-9
1	Grid	-71.55784	-65.76827	106.80000	-0.00010	106.78	-19.196E-12	-210.81E-6	4.2161E-9
1	Grid	-69.56266	-65.76827	106.80000	-0.00269	106.78	-20.724E-12	-220.55E-6	4.4111E-9
1	Grid	-67.56748	-65.76827	106.80000	-0.00552	106.78	-22.377E-12	-230.75E-6	4.6151E-9
1	Grid	-65.57230	-65.76827	106.80000	-0.00860	106.78	-24.164E-12	-241.42E-6	4.8283E-9
1	Grid	-63.57712	-65.76827	106.80000	-0.01193	106.78	-26.089E-12	-252.55E-6	5.0510E-9
1	Grid	-61.58194	-65.76827	106.80000	-0.01553	106.78	-28.169E-12	-264.16E-6	5.2833E-9
1	Grid	-59.58676	-65.76827	106.80000	-0.01940	106.78	-30.406E-12	-276.26E-6	5.5252E-9
1	Grid	-57.59158	-65.76827	106.80000	-0.02355	106.78	-32.808E-12	-288.84E-6	5.7769E-9
1	Grid	-55.59640	-65.76827	106.80000	-0.02799	106.78	-35.392E-12	-301.91E-6	6.0382E-9
1	Grid	-53.60122	-65.76827	106.80000	-0.03271	106.78	-38.154E-12	-315.45E-6	6.3090E-9
1	Grid	-51.60604	-65.76827	106.80000	-0.03772	106.78	-41.108E-12	-329.45E-6	6.5890E-9
1	Grid	-49.61086	-65.76827	106.80000	-0.04300	106.78	-44.262E-12	-343.90E-6	6.8779E-9
1	Grid	-47.61568	-65.76827	106.80000	-0.04855	106.78	-47.613E-12	-358.76E-6	7.1752E-9
1	Grid	-45.62050	-65.76827	106.80000	-0.05436	106.78	-51.170E-12	-374.01E-6	7.4803E-9
1	Grid	-43.62532	-65.76827	106.80000	-0.06040	106.78	-54.926E-12	-389.61E-6	7.7922E-9
1	Grid	-41.63014	-65.76827	106.80000	-0.06665	106.78	-58.878E-12	-405.50E-6	8.1099E-9
1	Grid	-39.63496	-65.76827	106.80000	-0.07308	106.78	-63.018E-12	-421.62E-6	8.4324E-9
1	Grid	-37.63978	-65.76827	106.80000	-0.07966	106.78	-67.337E-12	-437.90E-6	8.7580E-9
1	Grid	-35.64460	-65.76827	106.80000	-0.08634	106.78	-71.813E-12	-454.26E-6	9.0852E-9
1	Grid	-33.64942	-65.76827	106.80000	-0.09319	106.78	-76.424E-12	-470.60E-6	9.4120E-9
1	Grid	-31.65424	-65.76827	106.80000	-0.09983	106.78	-81.139E-12	-486.82E-6	9.7364E-9
1	Grid	-29.65906	-65.76827	106.80000	-0.10653	106.78	-85.921E-12	-502.80E-6	10.056E-9
1	Grid	-27.66388	-65.76827	106.80000	-0.11311	106.78	-90.726E-12	-518.40E-6	10.368E-9
1	Grid	-25.66871	-65.76827	106.80000	-0.11952	106.78	-95.507E-12	-533.50E-6	10.670E-9
1	Grid	-23.67353	-65.76827	106.80000	-0.12569	106.78	-100.202E-12	-547.25E-6	10.957E-9
1	Grid	-21.67835	-65.76827	106.80000	-0.13156	106.78	-104.744E-12	-561.58E-6	11.232E-9
1	Grid	-19.68317	-65.76827	106.80000	-0.13705	106.78	-109.07E-12	-574.26E-6	11.485E-9
1	Grid	-17.68799	-65.76827	106.80000	-0.14211	106.78	-113.10E-12	-585.82E-6	11.716E-9
1	Grid	-15.69281	-65.76827	106.80000	-0.14668	106.78	-116.77E-12	-596.12E-6	11.922E-9
1	Grid	-13.69763	-65.76827	106.80000	-0.15071	106.78	-120.01E-12	-605.18E-6	12.100E-9
1	Grid	-11.70245	-65.76827	106.80000	-0.15413	106.78	-122.75E-12	-612.36E-6	12.247E-9
1	Grid	-9.70727	-65.76827	106.80000	-0.15692	106.78	-124.93E-12	-618.07E-6	12.361E-9
1	Grid	-7.71209	-65.76827	106.80000	-0.15904	106.78	-126.50E-12	-622.05E-6	12.441E-9
1	Grid	-5.71691	-65.76827	106.80000	-0.16047	106.78	-127.41E-12	-624.22E-6	12.484E-9
1	Grid	-3.72173	-65.76827	106.80000	-0.16119	106.78	-127.66E-12	-624.25E-6	12.491E-9
1	Grid	-1.72655	-65.76827	106.80000	-0.16119	106.78	-127.22E-12	-623.02E-6	12.460E-9
1	Grid	0.26863	-65.76827	106.80000	-0.16049	106.78	-126.11E-12	-619.66E-6	12.393E-9
1	Grid	2.26381	-65.76827	106.80000	-0.15910				

Oasys						Job No.	Sheet No.	Rev.	
Highgate Junior School Sports Hall Unloading and Loading Long Term						3244			
						Drg. Ref.			
						Made by AC	Date	Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level [mod]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
1	Grid	66.10957	-65.76827	106.80000	-0.02798	106.78	-16.395E-12	-190.80E-6	3.8161E-9
1	Grid	68.10475	-65.76827	106.80000	-0.02666	106.78	-15.176E-12	-182.31E-6	3.6463E-9
1	Grid	70.09993	-65.76827	106.80000	-0.02545	106.78	-14.049E-12	-174.23E-6	3.4846E-9
1	Grid	72.09511	-65.76827	106.80000	-0.02434	106.78	-13.011E-12	-166.54E-6	3.3308E-9
1	Grid	74.09029	-65.76827	106.80000	-0.02329	106.78	-12.054E-12	-159.22E-6	3.1844E-9
1	Grid	76.08547	-65.76827	106.80000	-0.02229	106.78	-11.174E-12	-152.26E-6	3.0452E-9
1	Grid	78.08065	-65.76827	106.80000	-0.02131	106.78	-10.364E-12	-145.64E-6	2.9128E-9
1	Grid	80.07583	-65.76827	106.80000	-0.02033	106.78	-9.6170E-12	-139.35E-6	2.7870E-9
1	Grid	82.07101	-65.76827	106.80000	-0.01935	106.78	-8.9275E-12	-133.36E-6	2.6672E-9
1	Grid	84.06619	-65.76827	106.80000	-0.01833	106.78	-8.2934E-12	-127.67E-6	2.5534E-9
1	Grid	86.06137	-65.76827	106.80000	-0.01728	106.78	-7.7098E-12	-122.26E-6	2.4452E-9
1	Grid	88.05655	-65.76827	106.80000	-0.01617	106.78	-7.1669E-12	-117.12E-6	2.3423E-9
1	Grid	90.05173	-65.76827	106.80000	-0.01502	106.78	-6.6727E-12	-112.22E-6	2.2445E-9
1	Grid	92.04691	-65.76827	106.80000	-0.01380	106.78	-6.2137E-12	-107.57E-6	2.1514E-9
1	Grid	94.04209	-65.76827	106.80000	-0.01252	106.78	-5.7854E-12	-103.15E-6	2.0629E-9
1	Grid	96.03727	-65.76827	106.80000	-0.01119	106.78	-5.3957E-12	-98.937E-6	1.9787E-9
1	Grid	98.03245	-65.76827	106.80000	-0.00979	106.78	-5.0306E-12	-94.931E-6	1.8986E-9
1	Grid	100.02763	-65.76827	106.80000	-0.00835	106.78	-4.6942E-12	-91.118E-6	1.8224E-9
1	Grid	102.02281	-65.76827	106.80000	-0.00687	106.78	-4.3865E-12	-87.489E-6	1.7498E-9
1	Grid	104.01799	-65.76827	106.80000	-0.00535	106.78	-4.0981E-12	-84.034E-6	1.6807E-9
1	Grid	106.01317	-65.76827	106.80000	-0.00381	106.78	-3.8316E-12	-80.743E-6	1.6149E-9
1	Grid	108.00835	-65.76827	106.80000	-0.00224	106.78	-3.5851E-12	-77.608E-6	1.5522E-9
1	Grid	110.00353	-65.76827	106.80000	-0.00067	106.78	-3.3540E-12	-74.621E-6	1.4924E-9
1	Grid	111.99871	-65.76827	106.80000	0.00089	106.78	-3.1428E-12	-71.774E-6	1.4355E-9
1	Grid	113.99388	-65.76827	106.80000	0.00245	106.78	-2.9463E-12	-69.059E-6	1.3812E-9
1	Grid	115.98906	-65.76827	106.80000	0.00398	106.78	-2.7645E-12	-66.470E-6	1.3294E-9
1	Grid	117.98424	-65.76827	106.80000	0.00549	106.78	-2.5933E-12	-64.000E-6	1.2800E-9
1	Grid	119.97942	-65.76827	106.80000	0.00695	106.78	-2.4321E-12	-61.643E-6	1.2329E-9
1	Grid	121.97460	-65.76827	106.80000	0.00837	106.78	-2.2862E-12	-59.392E-6	1.1878E-9
1	Grid	123.96978	-65.76827	106.80000	0.00975	106.78	-2.1483E-12	-57.244E-6	1.1449E-9
1	Grid	125.96496	-65.76827	106.80000	0.01106	106.78	-2.0197E-12	-55.191E-6	1.1038E-9
1	Grid	127.96014	-65.76827	106.80000	0.01232	106.78	-1.9038E-12	-53.230E-6	1.0646E-9
1	Grid	129.95532	-65.76827	106.80000	0.01351	106.78	-1.7906E-12	-51.355E-6	1.0271E-9
1	Grid	131.95050	-65.76827	106.80000	0.01463	106.78	-1.6880E-12	-49.562E-6	991.24E-12
1	Grid	133.94568	-65.76827	106.80000	0.01569	106.78	-1.5921E-12	-47.848E-6	956.95E-12
1	Grid	135.94086	-65.76827	106.80000	0.01668	106.78	-1.5008E-12	-46.207E-6	924.14E-12
1	Grid	137.93604	-65.76827	106.80000	0.01759	106.78	-1.4155E-12	-44.637E-6	892.74E-12
1	Grid	139.93122	-65.76827	106.80000	0.01844	106.78	-1.3369E-12	-43.133E-6	862.67E-12
1	Grid	141.92640	-65.76827	106.80000	0.01922	106.78	-1.2623E-12	-41.693E-6	833.87E-12
1	Grid	143.92158	-65.76827	106.80000	0.01993	106.78	-1.1937E-12	-40.314E-6	806.28E-12
1	Grid	145.91676	-65.76827	106.80000	0.02058	106.78	-1.1291E-12	-38.992E-6	779.84E-12
1	Grid	147.91194	-65.76827	106.80000	0.02116	106.78	-1.0685E-12	-37.724E-6	754.49E-12
1	Grid	149.90712	-65.76827	106.80000	0.02168	106.78	-1.0112E-12	-36.509E-6	730.18E-12
1	Grid	151.90230	-65.76827	106.80000	0.02214	106.78	0.0	-35.343E-6	706.86E-12
1	Grid	153.89748	-65.76827	106.80000	0.02254	106.78	0.0	-34.224E-6	684.48E-12
1	Grid	155.89266	-65.76827	106.80000	0.02289	106.78	0.0	-33.150E-6	662.99E-12
1	Grid	157.88784	-65.76827	106.80000	0.02318	106.78	0.0	-32.118E-6	642.36E-12
1	Grid	159.88302	-65.76827	106.80000	0.02343	106.78	0.0	-31.127E-6	622.55E-12
1	Grid	161.87820	-65.76827	106.80000	0.02363	106.78	0.0	-30.176E-6	603.51E-12
1	Grid	163.87338	-65.76827	106.80000	0.02378	106.78	0.0	-29.261E-6	585.21E-12
1	Grid	165.86856	-65.76827	106.80000	0.02390	106.78	0.0	-28.381E-6	567.62E-12
1	Grid	167.86374	-65.76827	106.80000	0.02398	106.78	0.0	-27.535E-6	550.70E-12
1	Grid	169.85892	-65.76827	106.80000	0.02402	106.78	0.0	-26.721E-6	534.42E-12
1	Grid	171.85410	-65.76827	106.80000	0.02402	106.78	0.0	-25.938E-6	518.76E-12
1	Grid	173.84928	-65.76827	106.80000	0.02400	106.78	0.0	-25.184E-6	503.68E-12
1	Grid	175.84446	-65.76827	106.80000	0.02395	106.78	0.0	-24.458E-6	489.16E-12
1	Grid	177.83964	-65.76827	106.80000	0.02388	106.78	0.0	-23.759E-6	475.18E-12
1	Grid	179.83482	-65.76827	106.80000	0.02377	106.78	0.0	-23.085E-6	461.71E-12
1	Grid	181.83000	-65.76827	106.80000	0.02365	106.78	0.0	-22.436E-6	448.73E-12
1	Grid	183.82518	-63.89353	106.80000	0.01651	106.78	-8.2327E-12	-127.68E-6	2.5536E-9
1	Grid	185.82036	-63.89353	106.80000	0.01576	106.78	-8.8622E-12	-133.41E-6	2.6682E-9
1	Grid	187.81554	-63.89353	106.80000	0.01490	106.78	-9.5470E-12	-139.44E-6	2.7888E-9
1	Grid	189.81072	-63.89353	106.80000	0.01391	106.78	-10.293E-12	-145.79E-6	2.9188E-9
1	Grid	191.80590	-63.89353	106.80000	0.01279	106.78	-11.097E-12	-152.47E-6	3.0494E-9
1	Grid	193.80108	-63.89353	106.80000	0.01153	106.78	-11.974E-12	-159.50E-6	3.1900E-9
1	Grid	195.79626	-63.89353	106.80000	0.01011	106.78	-12.926E-12	-166.90E-6	3.3379E-9
1	Grid	197.79144	-63.89353	106.80000	0.00853	106.78	-13.960E-12	-174.68E-6	3.4936E-9
1	Grid	199.78662	-63.89353	106.80000	0.00675	106.78	-15.085E-12	-182.86E-6	3.6573E-9
1	Grid	201.78180	-63.89353	106.80000	0.00478	106.78	-16.303E-12	-191.47E-6	3.8294E-9
1	Grid	203.77698	-63.89353	106.80000	0.00261	106.78	-17.627E-12	-200.52E-6	4.0104E-9
1	Grid	205.77216	-63.89353	106.80000	0.00021	106.78	-19.062E-12	-210.02E-6	4.2005E-9
1	Grid	207.76734	-63.89353	106.80000	-0.00243	106.78	-20.622E-12	-220.01E-6	4.4011E-9
1	Grid	209.76252	-63.89353	106.80000	-0.00531	106.78	-22.315E-12	-230.48E-6	4.6096E-9
1	Grid	211.75770	-63.89353	106.80000	-0.00847	106.78	-24.150E-12	-241.46E-6	4.8293E-9
1	Grid	213.75288	-63.89353	106.80000	-0.01190	106.78	-26.140E-12	-252.97E-6	5.0595E-9
1	Grid	215.74806	-63.89353	106.80000	-0.01563	106.78	-28.295E-12	-265.02E-6	5.3004E-9
1	Grid	217.74324	-63.89353	106.80000	-0.01962	106.78	-30.625E-12		



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]
1	Grid	46.15777	-63.89353	106.80000	-0.06240	106.78	-39.300E-12	-318.035E-6	6.3606E-9
1	Grid	48.15295	-63.89353	106.80000	-0.05824	106.78	-36.256E-12	-303.51E-6	6.0702E-9
1	Grid	50.14813	-63.89353	106.80000	-0.05445	106.78	-33.441E-12	-289.59E-6	5.7917E-9
1	Grid	52.14331	-63.89353	106.80000	-0.05100	106.78	-30.837E-12	-276.25E-6	5.5251E-9
1	Grid	54.13849	-63.89353	106.80000	-0.04789	106.78	-28.435E-12	-263.51E-6	5.2701E-9
1	Grid	56.13367	-63.89353	106.80000	-0.04510	106.78	-26.219E-12	-251.33E-6	5.0267E-9
1	Grid	58.12885	-63.89353	106.80000	-0.04262	106.78	-24.182E-12	-239.72E-6	4.7944E-9
1	Grid	60.12403	-63.89353	106.80000	-0.04040	106.78	-22.304E-12	-228.66E-6	4.5731E-9
1	Grid	62.11921	-63.89353	106.80000	-0.03843	106.78	-20.579E-12	-218.12E-6	4.3624E-9
1	Grid	64.11439	-63.89353	106.80000	-0.03669	106.78	-18.989E-12	-208.09E-6	4.1619E-9
1	Grid	66.10957	-63.89353	106.80000	-0.03513	106.78	-17.531E-12	-198.56E-6	3.9712E-9
1	Grid	68.10475	-63.89353	106.80000	-0.03374	106.78	-16.194E-12	-189.50E-6	3.7900E-9
1	Grid	70.09993	-63.89353	106.80000	-0.03247	106.78	-14.963E-12	-180.89E-6	3.6177E-9
1	Grid	72.09511	-63.89353	106.80000	-0.03131	106.78	-13.831E-12	-172.71E-6	3.4541E-9
1	Grid	74.09029	-63.89353	106.80000	-0.03021	106.78	-12.791E-12	-164.94E-6	3.2988E-9
1	Grid	76.08547	-63.89353	106.80000	-0.02916	106.78	-11.838E-12	-157.56E-6	3.1513E-9
1	Grid	78.08065	-63.89353	106.80000	-0.02813	106.78	-10.957E-12	-150.56E-6	3.0112E-9
1	Grid	80.07583	-63.89353	106.80000	-0.02709	106.78	-10.153E-12	-143.92E-6	2.8783E-9
1	Grid	82.07101	-63.89353	106.80000	-0.02603	106.78	-9.4111E-12	-137.61E-6	2.7521E-9
1	Grid	84.06619	-63.89353	106.80000	-0.02492	106.78	-8.7270E-12	-131.61E-6	2.6323E-9
1	Grid	86.06137	-63.89353	106.80000	-0.02387	106.78	-8.1002E-12	-125.93E-6	2.5185E-9
1	Grid	88.05655	-63.89353	106.80000	-0.02254	106.78	-7.5240E-12	-120.53E-6	2.4105E-9
1	Grid	90.05173	-63.89353	106.80000	-0.02125	106.78	-6.9911E-12	-115.40E-6	2.3080E-9
1	Grid	92.04691	-63.89353	106.80000	-0.01987	106.78	-6.4988E-12	-110.53E-6	2.2106E-9
1	Grid	94.04209	-63.89353	106.80000	-0.01843	106.78	-6.0492E-12	-105.90E-6	2.1180E-9
1	Grid	96.03727	-63.89353	106.80000	-0.01695	106.78	-5.6302E-12	-101.51E-6	2.0301E-9
1	Grid	98.03245	-63.89353	106.80000	-0.01531	106.78	-5.2431E-12	-97.328E-6	1.9466E-9
1	Grid	100.02763	-63.89353	106.80000	-0.01366	106.78	-4.8888E-12	-93.357E-6	1.8671E-9
1	Grid	102.02281	-63.89353	106.80000	-0.01195	106.78	-4.5610E-12	-89.580E-6	1.7916E-9
1	Grid	104.01799	-63.89353	106.80000	-0.01020	106.78	-4.2573E-12	-85.988E-6	1.7198E-9
1	Grid	106.01317	-63.89353	106.80000	-0.00849	106.78	-3.9775E-12	-82.571E-6	1.6514E-9
1	Grid	108.00835	-63.89353	106.80000	-0.00660	106.78	-3.7170E-12	-79.319E-6	1.5864E-9
1	Grid	110.00353	-63.89353	106.80000	-0.00479	106.78	-3.4759E-12	-76.223E-6	1.5245E-9
1	Grid	111.99871	-63.89353	106.80000	-0.00297	106.78	-3.2521E-12	-73.274E-6	1.4655E-9
1	Grid	113.99389	-63.89353	106.80000	-0.00117	106.78	-3.0469E-12	-70.466E-6	1.4093E-9
1	Grid	115.98906	-63.89353	106.80000	-0.00060	106.78	-2.8537E-12	-67.790E-6	1.3558E-9
1	Grid	117.98424	-63.89353	106.80000	-0.00234	106.78	-2.6772E-12	-65.239E-6	1.3048E-9
1	Grid	119.97942	-63.89353	106.80000	-0.00404	106.78	-2.5087E-12	-62.806E-6	1.2561E-9
1	Grid	121.97460	-63.89353	106.80000	-0.00569	106.78	-2.3568E-12	-60.486E-6	1.2097E-9
1	Grid	123.96978	-63.89353	106.80000	-0.00727	106.78	-2.2149E-12	-58.271E-6	1.1654E-9
1	Grid	125.96496	-63.89353	106.80000	-0.00876	106.78	-2.0810E-12	-56.158E-6	1.1232E-9
1	Grid	127.96014	-63.89353	106.80000	-0.01024	106.78	-1.9578E-12	-54.140E-6	1.0828E-9
1	Grid	129.95532	-63.89353	106.80000	-0.01162	106.78	-1.8412E-12	-52.212E-6	1.0442E-9
1	Grid	131.95050	-63.89353	106.80000	-0.01292	106.78	-1.7339E-12	-50.370E-6	1.0074E-9
1	Grid	133.94568	-63.89353	106.80000	-0.01414	106.78	-1.6327E-12	-48.609E-6	972.18E-12
1	Grid	135.94086	-63.89353	106.80000	-0.01528	106.78	-1.5394E-12	-46.925E-6	938.51E-12
1	Grid	137.93604	-63.89353	106.80000	-0.01635	106.78	-1.4528E-12	-45.315E-6	906.30E-12
1	Grid	139.93122	-63.89353	106.80000	-0.01733	106.78	-1.3696E-12	-43.774E-6	875.47E-12
1	Grid	141.92640	-63.89353	106.80000	-0.01823	106.78	-1.2936E-12	-42.298E-6	845.97E-12
1	Grid	143.92158	-63.89353	106.80000	-0.01906	106.78	-1.2224E-12	-40.886E-6	817.72E-12
1	Grid	145.91676	-63.89353	106.80000	-0.01983	106.78	-1.1564E-12	-39.533E-6	790.60E-12
1	Grid	147.91194	-63.89353	106.80000	-0.02049	106.78	-1.0918E-12	-38.236E-6	764.73E-12
1	Grid	149.90712	-63.89353	106.80000	-0.02110	106.78	-1.0338E-12	-36.994E-6	739.87E-12
1	Grid	151.90230	-63.89353	106.80000	-0.02164	106.78	0.0	-35.802E-6	716.04E-12
1	Grid	153.89748	-63.89353	106.80000	-0.02212	106.78	0.0	-34.659E-6	693.18E-12
1	Grid	155.89266	-63.89353	106.80000	-0.02254	106.78	0.0	-33.562E-6	671.24E-12
1	Grid	157.88784	-63.89353	106.80000	-0.02289	106.78	0.0	-32.509E-6	650.19E-12
1	Grid	159.88302	-63.89353	106.80000	-0.02319	106.78	0.0	-31.499E-6	629.97E-12
1	Grid	161.87820	-63.89353	106.80000	-0.02344	106.78	0.0	-30.528E-6	610.56E-12
1	Grid	163.87338	-63.89353	106.80000	-0.02364	106.78	0.0	-29.595E-6	591.91E-12
1	Grid	165.86856	-63.89353	106.80000	-0.02380	106.78	0.0	-28.699E-6	573.98E-12
1	Grid	167.86374	-63.89353	106.80000	-0.02391	106.78	0.0	-27.837E-6	556.75E-12
1	Grid	169.85892	-63.89353	106.80000	-0.02399	106.78	0.0	-27.009E-6	540.18E-12
1	Grid	171.85410	-63.89353	106.80000	-0.02403	106.78	0.0	-26.212E-6	524.23E-12
1	Grid	173.84928	-63.89353	106.80000	-0.02403	106.78	0.0	-25.445E-6	508.89E-12
1	Grid	175.84446	-63.89353	106.80000	-0.02405	106.78	0.0	-24.706E-6	494.13E-12
1	Grid	177.83964	-63.89353	106.80000	-0.02395	106.78	0.0	-23.995E-6	479.91E-12
1	Grid	179.83482	-63.89353	106.80000	-0.02387	106.78	0.0	-23.311E-6	466.22E-12
1	Grid	181.83000	-63.89353	106.80000	-0.02376	106.78	0.0	-22.651E-6	453.03E-12
1	Grid	-95.50000	-62.01878	106.80000	-0.01605	106.78	-8.6517E-12	-131.53E-6	2.6306E-9
1	Grid	-93.50582	-62.01878	106.80000	-0.01528	106.78	-9.3299E-12	-137.61E-6	2.7511E-9
1	Grid	-91.50964	-62.01878	106.80000	-0.01425	106.78	-10.066E-12	-143.91E-6	2.8781E-9
1	Grid	-89.51446	-62.01878	106.80000	-0.01316	106.78	-10.867E-12	-150.60E-6	3.0120E-9
1	Grid	-87.51928	-62.01878	106.80000	-0.01192	106.78	-11.740E-12	-157.65E-6	3.1531E-9
1	Grid	-85.52410	-62.01878	106.80000	-0.01052	106.78	-12.687E-12	-165.09E-6	3.3018E-9
1	Grid	-83.52892	-62.01878	106.80000	-0.00895	106.78	-13.719E-12	-172.93E-6	3.4586E-9
1	Grid	-81.53374	-62.01878	106.80000	-0.00720	106.78	-14.844E-12	-181.19E-6	3.6238E-9
1	Grid	-79.53856	-62.01878	106.80000	-0.00524	106.78	-16.070E-12	-189.90E-6	3.7980E-9
1	Grid	-77.54338	-62.01878	106.80000	-0.00306	106.78	-17.403E-12	-199.07E-6	3.9814E-9
1	Grid	-75.54820	-62.01878	106.80000	-0.00065	106.78	-18.856E-12	-208.73E-6	4.1746E-9
1	Grid	-73.55302	-62.01878	106.80000	-0.00200	106.78	-20.436E-12	-218.90E-6	4.3780E-9
1	Grid	-71.55784	-62.01878	106.80000	-0.00493	106.78	-22.156E-12	-229.60E-6	4.5921E-9
1	Grid	-69.56266	-62.01878	106.80000	-0.00814	106.78	-24.031E-12	-240.86E-6	4.8172E-9
1	Grid	-67.56748	-62.01878	106.80000	-0.01165	106.78	-26.068E-12	-252.69E-6	5.0538E-9
1	Grid	-65.57230	-62.01878	106.80000	-0.01547	106.78	-28.286E-12	-265.12E-6	5.3023E-9
1	Grid	-63.57712	-62.01878	106.80000	-0.01963	106.78	-30.695E-12	-278.55E-6	5.5615E-9
1	Grid	-61.58194	-62.01878	106.80000	-0.02414	106.78	-33.307E-12	-291.82E-6	5.8364E-9
1	Grid	-59.58676	-62.01878	106.80000	-0.02900	106.78	-36.144E-12	-306.13E-6	6.1226E-9
1	Grid	-57.59158	-62.01878	106.80000	-0.03424	106.78	-39.217E-12	-321.09E-6	6.4219E-9
1	Grid	-55.59640	-62.01878	106.80000	-0.03986	106.78	-42.539E-12	-336.71E-6	6.7343E-9
1	Grid	-53.60122	-62.01878	106.80000	-0.04587	106.78	-46.131E-12	-352.99E-6	7.0599E-9
1	Grid	-51.60604	-62.01878	106.80000	-0.05226	106.78	-50.000E-12	-369.93E-6	7.3986E-9
1	Grid	-49.61086	-62.01878	106.80000	-0.05904	106.78	-54.163E-12	-387.50E-6	7.7500E-9
1	Grid	-47.61568	-62.01878	106.80000	-0.06620	106.78	-58.631E-12	-405.70E-6	8.1139E-9
1	Grid	-45.62050	-62.01878	106.80000	-0.07372	106.78	-63.410E-12	-424.48E-6	8.4896E-9
1	Grid	-43.62532	-62.01878	106.80000	-0.08159	106.78	-68.509E-12	-443.81E-6	8.8762E-9
1	Grid	-41.63014	-62.01878	106.80000	-0.08975	106.78	-73.927E-12	-463.63E-6	9.2726E-9
1	Grid	-39.63496	-62.01878	106.80000	-0.09819	106.78	-79.661E-12	-483.88E-6	9.6775E-9
1	Grid	-37.63978	-62.01878	106.800					

Highgate Junior School Sports Hall Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	26.20597	-62.01878	106.80000	-0.14005	106.78	-95.255E-12	-529.09E-6	10.582E-9
1	Grid	28.20115	-62.01878	106.80000	-0.13215	106.78	-89.588E-12	-507.72E-6	10.154E-9
1	Grid	30.19633	-62.01878	106.80000	-0.12437	106.78	-82.213E-12	-486.59E-6	9.7319E-9
1	Grid	32.19151	-62.01878	106.80000	-0.11679	106.78	-76.154E-12	-465.81E-6	9.3162E-9
1	Grid	34.18669	-62.01878	106.80000	-0.10945	106.78	-70.430E-12	-445.47E-6	8.9093E-9
1	Grid	36.18187	-62.01878	106.80000	-0.10242	106.78	-65.046E-12	-425.64E-6	8.5128E-9
1	Grid	38.17705	-62.01878	106.80000	-0.09573	106.78	-60.007E-12	-406.39E-6	8.1279E-9
1	Grid	40.17223	-62.01878	106.80000	-0.08942	106.78	-55.305E-12	-387.77E-6	7.7555E-9
1	Grid	42.16741	-62.01878	106.80000	-0.08350	106.78	-50.935E-12	-369.81E-6	7.3962E-9
1	Grid	44.16259	-62.01878	106.80000	-0.07800	106.78	-46.881E-12	-352.53E-6	7.0505E-9
1	Grid	46.15777	-62.01878	106.80000	-0.07299	106.78	-43.132E-12	-335.94E-6	6.7187E-9
1	Grid	48.15295	-62.01878	106.80000	-0.06828	106.78	-39.670E-12	-320.05E-6	6.4009E-9
1	Grid	50.14813	-62.01878	106.80000	-0.06406	106.78	-36.481E-12	-304.85E-6	6.0970E-9
1	Grid	52.14331	-62.01878	106.80000	-0.06024	106.78	-33.546E-12	-290.34E-6	5.8068E-9
1	Grid	54.13849	-62.01878	106.80000	-0.05682	106.78	-30.846E-12	-276.51E-6	5.5301E-9
1	Grid	56.13367	-62.01878	106.80000	-0.05377	106.78	-28.370E-12	-263.33E-6	5.2666E-9
1	Grid	58.12885	-62.01878	106.80000	-0.05107	106.78	-26.096E-12	-250.79E-6	5.0159E-9
1	Grid	60.12403	-62.01878	106.80000	-0.04868	106.78	-24.010E-12	-238.88E-6	4.7775E-9
1	Grid	62.11921	-62.01878	106.80000	-0.04658	106.78	-22.100E-12	-227.56E-6	4.5511E-9
1	Grid	64.11439	-62.01878	106.80000	-0.04473	106.78	-20.352E-12	-216.81E-6	4.3362E-9
1	Grid	66.10957	-62.01878	106.80000	-0.04327	106.78	-18.745E-12	-206.61E-6	4.1322E-9
1	Grid	68.10475	-62.01878	106.80000	-0.04164	106.78	-17.276E-12	-196.94E-6	3.9388E-9
1	Grid	70.09993	-62.01878	106.80000	-0.04032	106.78	-15.929E-12	-187.77E-6	3.7553E-9
1	Grid	72.09511	-62.01878	106.80000	-0.03912	106.78	-14.698E-12	-179.07E-6	3.5814E-9
1	Grid	74.09029	-62.01878	106.80000	-0.03799	106.78	-13.567E-12	-170.83E-6	3.4165E-9
1	Grid	76.08547	-62.01878	106.80000	-0.03707	106.78	-12.532E-12	-163.02E-6	3.2603E-9
1	Grid	78.08065	-62.01878	106.80000	-0.03581	106.78	-11.581E-12	-155.61E-6	3.1122E-9
1	Grid	80.07583	-62.01878	106.80000	-0.03472	106.78	-10.713E-12	-148.60E-6	2.9719E-9
1	Grid	82.07101	-62.01878	106.80000	-0.03358	106.78	-9.9141E-12	-141.95E-6	2.8389E-9
1	Grid	84.06619	-62.01878	106.80000	-0.03239	106.78	-9.1820E-12	-135.64E-6	2.7129E-9
1	Grid	86.06137	-62.01878	106.80000	-0.03137	106.78	-8.5065E-12	-129.67E-6	2.5934E-9
1	Grid	88.05655	-62.01878	106.80000	-0.02976	106.78	-7.8890E-12	-124.00E-6	2.4800E-9
1	Grid	90.05173	-62.01878	106.80000	-0.02832	106.78	-7.3208E-12	-118.63E-6	2.3726E-9
1	Grid	92.04691	-62.01878	106.80000	-0.02677	106.78	-6.7979E-12	-113.53E-6	2.2707E-9
1	Grid	94.04209	-62.01878	106.80000	-0.02513	106.78	-6.3169E-12	-108.70E-6	2.1740E-9
1	Grid	96.03727	-62.01878	106.80000	-0.02339	106.78	-5.8746E-12	-104.11E-6	2.0822E-9
1	Grid	98.03245	-62.01878	106.80000	-0.02157	106.78	-5.4650E-12	-99.75E-6	1.9951E-9
1	Grid	100.02763	-62.01878	106.80000	-0.01967	106.78	-5.0879E-12	-95.621E-6	1.9124E-9
1	Grid	102.02281	-62.01878	106.80000	-0.01770	106.78	-4.7415E-12	-91.693E-6	1.8339E-9
1	Grid	104.01799	-62.01878	106.80000	-0.01568	106.78	-4.4238E-12	-87.961E-6	1.7592E-9
1	Grid	106.01317	-62.01878	106.80000	-0.01362	106.78	-4.1267E-12	-84.414E-6	1.6883E-9
1	Grid	108.00835	-62.01878	106.80000	-0.01153	106.78	-3.8516E-12	-81.042E-6	1.6208E-9
1	Grid	110.00353	-62.01878	106.80000	-0.00943	106.78	-3.5978E-12	-77.835E-6	1.5567E-9
1	Grid	111.99871	-62.01878	106.80000	-0.00733	106.78	-3.3660E-12	-74.784E-6	1.4957E-9
1	Grid	113.99389	-62.01878	106.80000	-0.00525	106.78	-3.1481E-12	-71.879E-6	1.4376E-9
1	Grid	115.98907	-62.01878	106.80000	-0.00319	106.78	-2.9510E-12	-69.115E-6	1.3823E-9
1	Grid	117.98424	-62.01878	106.80000	-0.00119	106.78	-2.7645E-12	-66.481E-6	1.3296E-9
1	Grid	119.97942	-62.01878	106.80000	0.00077	106.78	-2.5873E-12	-63.972E-6	1.2794E-9
1	Grid	121.97460	-62.01878	106.80000	0.00267	106.78	-2.4294E-12	-61.580E-6	1.2316E-9
1	Grid	123.96978	-62.01878	106.80000	0.00450	106.78	-2.2795E-12	-59.300E-6	1.1860E-9
1	Grid	125.96496	-62.01878	106.80000	0.00628	106.78	-2.1430E-12	-57.125E-6	1.1425E-9
1	Grid	127.96014	-62.01878	106.80000	0.00792	106.78	-2.0124E-12	-55.049E-6	1.1010E-9
1	Grid	129.95532	-62.01878	106.80000	0.00951	106.78	-1.8938E-12	-53.068E-6	1.0614E-9
1	Grid	131.95050	-62.01878	106.80000	0.01100	106.78	-1.7812E-12	-51.176E-6	1.0235E-9
1	Grid	133.94568	-62.01878	106.80000	0.01241	106.78	-1.6753E-12	-49.369E-6	987.37E-12
1	Grid	135.94086	-62.01878	106.80000	0.01378	106.78	-1.5787E-12	-47.631E-6	950.88E-12
1	Grid	137.93604	-62.01878	106.80000	0.01495	106.78	-1.4908E-12	-45.990E-6	919.81E-12
1	Grid	139.93122	-62.01878	106.80000	0.01608	106.78	-1.4022E-12	-44.411E-6	888.23E-12
1	Grid	141.92640	-62.01878	106.80000	0.01712	106.78	-1.3263E-12	-42.901E-6	858.01E-12
1	Grid	143.92158	-62.01878	106.80000	0.01808	106.78	-1.2497E-12	-41.455E-6	829.10E-12
1	Grid	145.91676	-62.01878	106.80000	0.01896	106.78	-1.1817E-12	-40.071E-6	801.41E-12
1	Grid	147.91194	-62.01878	106.80000	0.01973	106.78	-1.1151E-12	-38.745E-6	774.90E-12
1	Grid	149.90712	-62.01878	106.80000	0.02044	106.78	-1.0578E-12	-37.475E-6	749.50E-12
1	Grid	151.90230	-62.01878	106.80000	0.02107	106.78	0.0	-36.258E-6	725.15E-12
1	Grid	153.89748	-62.01878	106.80000	0.02163	106.78	0.0	-35.090E-6	701.81E-12
1	Grid	155.89266	-62.01878	106.80000	0.02212	106.78	0.0	-33.971E-6	679.42E-12
1	Grid	157.88784	-62.01878	106.80000	0.02255	106.78	0.0	-32.897E-6	657.95E-12
1	Grid	159.88302	-62.01878	106.80000	0.02291	106.78	0.0	-31.867E-6	637.33E-12
1	Grid	161.87820	-62.01878	106.80000	0.02322	106.78	0.0	-30.877E-6	617.55E-12
1	Grid	163.87338	-62.01878	106.80000	0.02347	106.78	0.0	-29.927E-6	598.54E-12
1	Grid	165.86856	-62.01878	106.80000	0.02366	106.78	0.0	-29.014E-6	580.28E-12
1	Grid	167.86374	-62.01878	106.80000	0.02383	106.78	0.0	-28.137E-6	562.74E-12
1	Grid	169.85892	-62.01878	106.80000	0.02394	106.78	0.0	-27.293E-6	545.87E-12
1	Grid	171.85410	-62.01878	106.80000	0.02401	106.78	0.0	-26.482E-6	529.65E-12
1	Grid	173.84928	-62.01878	106.80000	0.02404	106.78	0.0	-25.702E-6	514.05E-12
1	Grid	175.84446	-62.01878	106.80000	0.02401	106.78	0.0	-24.954E-6	499.03E-12
1	Grid	177.83964	-62.01878	106.80000	0.02401	106.78	0.0	-24.229E-6	484.58E-12
1	Grid	179.83482	-62.01878	106.80000	0.02394	106.78	0.0	-23.533E-6	470.67E-12
1	Grid	181.83000	-62.01878	106.80000	0.02385	106.78	0.0	-22.863E-6	457.27E-12
1	Grid	183.82518	-62.01878	106.80000	0.02372	106.78	-9.0907E-12	-135.46E-6	2.7092E-9
1	Grid	185.82036	-62.01878	106.80000	0.02354	106.78	-8.8613E-12	-131.97E-6	2.6358E-9
1	Grid	187.81554	-62.01878	106.80000	0.02336	106.78	-8.6400E-12	-128.74E-6	2.5627E-9
1	Grid	189.81072	-62.01878	106.80000	0.02318	106.78	-8.4268E-12	-125.72E-6	2.4900E-9
1	Grid	191.80590	-62.01878	106.80000	0.02300	106.78	-8.2218E-12	-122.90E-6	2.4177E-9
1	Grid	193.80108	-62.01878	106.80000	0.02282	106.78	-8.0250E-12	-120.27E-6	2.3459E-9
1	Grid	195.79626	-62.01878	106.80000	0.02264	106.78	-7.8363E-12	-117.83E-6	2.2740E-9
1	Grid	197.79144	-62.01878	106.80000	0.02246	106.78	-7.6547E-12	-115.57E-6	2.2026E-9
1	Grid	199.78662	-62.01878	106.80000	0.02228	106.78	-7.4802E-12	-113.48E-6	2.1317E-9
1	Grid	201.78180	-62.01878	106.80000	0.02210	106.78	-7.3127E-12	-111.54E-6	2.0613E-9
1	Grid	203.77698	-62.01878	106.80000	0.02192	106.78	-7.1522E-12	-109.74E-6	1.9914E-9
1	Grid	205.77216	-62.01878	106.80000	0.02174	106.78	-7.0000E-12	-108.07E-6	1.9220E-9
1	Grid	207.76734	-62.01878	106.80000	0.02156	106.78	-6.8561E-12	-106.53E-6	1.8531E-9
1	Grid	209.76252	-62.01878	106.80000	0.02138	106.78	-6.7205E-12	-105.12E-6	1.7846E-9
1	Grid	211.75770	-62.01878	106.80000	0.02120	106.78	-6.5932E-12	-103.83E-6	1.7166E-9
1	Grid	213.75288	-62.01878	106.80000	0.02102	106.78	-6.4742E-12	-102.65E-6	1.6491E-9
1	Grid	215.74806	-62.01878	106.80000	0.02084	106.78	-6.3635E-12	-101.57E-6	1.5821E-9
1	Grid	217.74324	-62.01878	106.80000	0.02066	106.78	-6.2611E-12	-100.60E-6	1.5165E-9
1	Grid	219.73842	-62.						



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	6.25417	-60.14403	106.80000	-0.23997	106.78	-192.48E-12	-788.01E-6	15.760E-9
1	Grid	8.24935	-60.14403	106.80000	-0.23470	106.78	-185.71E-12	-772.18E-6	15.444E-9
1	Grid	10.24453	-60.14403	106.80000	-0.22857	106.78	-178.16E-12	-754.30E-6	15.086E-9
1	Grid	12.23971	-60.14403	106.80000	-0.22168	106.78	-169.99E-12	-734.64E-6	14.693E-9
1	Grid	14.23489	-60.14403	106.80000	-0.21414	106.78	-161.38E-12	-713.48E-6	14.270E-9
1	Grid	16.23007	-60.14403	106.80000	-0.20605	106.78	-152.50E-12	-691.13E-6	13.823E-9
1	Grid	18.22525	-60.14403	106.80000	-0.19752	106.78	-143.49E-12	-667.87E-6	13.357E-9
1	Grid	20.22043	-60.14403	106.80000	-0.18866	106.78	-134.49E-12	-643.95E-6	12.879E-9
1	Grid	22.21561	-60.14403	106.80000	-0.17958	106.78	-125.61E-12	-619.64E-6	12.393E-9
1	Grid	24.21079	-60.14403	106.80000	-0.17038	106.78	-116.95E-12	-595.16E-6	11.903E-9
1	Grid	26.20597	-60.14403	106.80000	-0.16117	106.78	-108.59E-12	-570.71E-6	11.414E-9
1	Grid	28.20115	-60.14403	106.80000	-0.15205	106.78	-100.58E-12	-546.47E-6	10.929E-9
1	Grid	30.19633	-60.14403	106.80000	-0.14308	106.78	-92.964E-12	-522.59E-6	10.452E-9
1	Grid	32.19151	-60.14403	106.80000	-0.13436	106.78	-85.772E-12	-499.18E-6	9.9836E-9
1	Grid	34.18669	-60.14403	106.80000	-0.12596	106.78	-79.015E-12	-476.36E-6	9.5272E-9
1	Grid	36.18187	-60.14403	106.80000	-0.11791	106.78	-72.697E-12	-454.20E-6	9.0840E-9
1	Grid	38.17705	-60.14403	106.80000	-0.11029	106.78	-66.812E-12	-432.77E-6	8.6554E-9
1	Grid	40.17223	-60.14403	106.80000	-0.10311	106.78	-61.357E-12	-412.11E-6	8.2421E-9
1	Grid	42.16741	-60.14403	106.80000	-0.09641	106.78	-56.310E-12	-392.24E-6	7.8448E-9
1	Grid	44.16259	-60.14403	106.80000	-0.09021	106.78	-51.653E-12	-373.20E-6	7.4639E-9
1	Grid	46.15777	-60.14403	106.80000	-0.08451	106.78	-47.365E-12	-354.97E-6	7.0994E-9
1	Grid	48.15295	-60.14403	106.80000	-0.07932	106.78	-43.423E-12	-337.57E-6	6.7514E-9
1	Grid	50.14813	-60.14403	106.80000	-0.07462	106.78	-39.812E-12	-320.98E-6	6.4196E-9
1	Grid	52.14331	-60.14403	106.80000	-0.07040	106.78	-36.499E-12	-305.19E-6	6.1037E-9
1	Grid	54.13849	-60.14403	106.80000	-0.06664	106.78	-33.469E-12	-290.17E-6	5.8034E-9
1	Grid	56.13367	-60.14403	106.80000	-0.06332	106.78	-30.697E-12	-275.91E-6	5.5182E-9
1	Grid	58.12885	-60.14403	106.80000	-0.06039	106.78	-28.162E-12	-262.38E-6	5.2475E-9
1	Grid	60.12403	-60.14403	106.80000	-0.05783	106.78	-25.847E-12	-249.54E-6	4.9908E-9
1	Grid	62.11921	-60.14403	106.80000	-0.05560	106.78	-23.732E-12	-237.38E-6	4.7476E-9
1	Grid	64.11439	-60.14403	106.80000	-0.05366	106.78	-21.800E-12	-225.86E-6	4.5173E-9
1	Grid	66.10957	-60.14403	106.80000	-0.05193	106.78	-20.037E-12	-214.96E-6	4.2991E-9
1	Grid	68.10475	-60.14403	106.80000	-0.05045	106.78	-18.425E-12	-204.64E-6	4.0927E-9
1	Grid	70.09993	-60.14403	106.80000	-0.04911	106.78	-16.956E-12	-194.87E-6	3.8974E-9
1	Grid	72.09511	-60.14403	106.80000	-0.04788	106.78	-15.613E-12	-185.63E-6	3.7125E-9
1	Grid	74.09029	-60.14403	106.80000	-0.04672	106.78	-14.386E-12	-176.88E-6	3.5377E-9
1	Grid	76.08547	-60.14403	106.80000	-0.04561	106.78	-13.262E-12	-168.61E-6	3.3723E-9
1	Grid	78.08065	-60.14403	106.80000	-0.04449	106.78	-12.239E-12	-160.79E-6	3.2158E-9
1	Grid	80.07583	-60.14403	106.80000	-0.04334	106.78	-11.298E-12	-153.39E-6	3.0677E-9
1	Grid	82.07101	-60.14403	106.80000	-0.04213	106.78	-10.438E-12	-146.38E-6	2.9277E-9
1	Grid	84.06619	-60.14403	106.80000	-0.04084	106.78	-9.6523E-12	-139.75E-6	2.7951E-9
1	Grid	86.06137	-60.14403	106.80000	-0.03949	106.78	-8.9302E-12	-133.48E-6	2.6696E-9
1	Grid	88.05655	-60.14403	106.80000	-0.03796	106.78	-8.2681E-12	-127.54E-6	2.5508E-9
1	Grid	90.05173	-60.14403	106.80000	-0.03634	106.78	-7.6625E-12	-121.91E-6	2.4382E-9
1	Grid	92.04691	-60.14403	106.80000	-0.03460	106.78	-7.1076E-12	-116.58E-6	2.3317E-9
1	Grid	94.04209	-60.14403	106.80000	-0.03274	106.78	-6.5967E-12	-111.53E-6	2.2307E-9
1	Grid	96.03727	-60.14403	106.80000	-0.03076	106.78	-6.1258E-12	-106.71E-6	2.1350E-9
1	Grid	98.03245	-60.14403	106.80000	-0.02867	106.78	-5.6921E-12	-102.21E-6	2.0442E-9
1	Grid	100.02763	-60.14403	106.80000	-0.02649	106.78	-5.2931E-12	-97.908E-6	1.9582E-9
1	Grid	102.02281	-60.14403	106.80000	-0.02423	106.78	-4.9287E-12	-93.825E-6	1.8765E-9
1	Grid	104.01799	-60.14403	106.80000	-0.02189	106.78	-4.5910E-12	-89.949E-6	1.7990E-9
1	Grid	106.01317	-60.14403	106.80000	-0.01947	106.78	-4.2806E-12	-86.270E-6	1.7254E-9
1	Grid	108.00835	-60.14403	106.80000	-0.01710	106.78	-3.9915E-12	-82.776E-6	1.6555E-9
1	Grid	110.00353	-60.14403	106.80000	-0.01468	106.78	-3.7244E-12	-79.455E-6	1.5891E-9
1	Grid	111.99871	-60.14403	106.80000	-0.01225	106.78	-3.4812E-12	-76.299E-6	1.5260E-9
1	Grid	113.99389	-60.14403	106.80000	-0.00985	106.78	-3.2541E-12	-73.298E-6	1.4660E-9
1	Grid	115.98906	-60.14403	106.80000	-0.00740	106.78	-3.0442E-12	-70.449E-6	1.4089E-9
1	Grid	117.98424	-60.14403	106.80000	-0.00516	106.78	-2.8491E-12	-67.726E-6	1.3545E-9
1	Grid	119.97942	-60.14403	106.80000	-0.00290	106.78	-2.6685E-12	-65.139E-6	1.3028E-9
1	Grid	121.97460	-60.14403	106.80000	-0.00072	106.78	-2.5007E-12	-62.675E-6	1.2535E-9
1	Grid	123.96978	-60.14403	106.80000	0.00139	106.78	-2.3475E-12	-60.328E-6	1.2066E-9
1	Grid	125.96496	-60.14403	106.80000	0.00341	106.78	-2.2022E-12	-58.091E-6	1.1618E-9
1	Grid	127.96014	-60.14403	106.80000	0.00533	106.78	-2.0663E-12	-55.957E-6	1.1191E-9
1	Grid	129.95532	-60.14403	106.80000	0.00715	106.78	-1.9431E-12	-53.922E-6	1.0784E-9
1	Grid	131.95050	-60.14403	106.80000	0.00887	106.78	-1.8272E-12	-51.980E-6	1.0396E-9
1	Grid	133.94568	-60.14403	106.80000	0.01048	106.78	-1.7213E-12	-50.125E-6	1.0025E-9
1	Grid	135.94086	-60.14403	106.80000	0.01199	106.78	-1.6187E-12	-48.351E-6	967.09E-12
1	Grid	137.93604	-60.14403	106.80000	0.01339	106.78	-1.5261E-12	-46.663E-6	933.25E-12
1	Grid	139.93122	-60.14403	106.80000	0.01469	106.78	-1.4362E-12	-45.045E-6	900.91E-12
1	Grid	141.92640	-60.14403	106.80000	0.01588	106.78	-1.3576E-12	-43.499E-6	869.98E-12
1	Grid	143.92158	-60.14403	106.80000	0.01698	106.78	-1.2796E-12	-42.020E-6	840.40E-12
1	Grid	145.91676	-60.14403	106.80000	0.01798	106.78	-1.2097E-12	-40.605E-6	812.09E-12
1	Grid	147.91194	-60.14403	106.80000	0.01888	106.78	-1.1404E-12	-39.250E-6	784.99E-12
1	Grid	149.90712	-60.14403	106.80000	0.01970	106.78	-1.0805E-12	-37.952E-6	759.05E-12
1	Grid	151.90230	-60.14403	106.80000	0.02043	106.78	-1.0212E-12	-36.709E-6	734.19E-12
1	Grid	153.89748	-60.14403	106.80000	0.02108	106.78	0.0	-35.518E-6	710.37E-12
1	Grid	155.89266	-60.14403	106.80000	0.02166	106.78	0.0	-34.376E-6	687.53E-12
1	Grid	157.88784	-60.14403	106.80000	0.02216	106.78	0.0	-33.281E-6	665.63E-12
1	Grid	159.88302	-60.14403	106.80000	0.02259	106.78	0.0	-32.231E-6	644.62E-12
1	Grid	161.87820	-60.14403	106.80000	0.02295	106.78	0.0	-31.223E-6	624.46E-12
1	Grid	163.87338	-60.14403	106.80000	0.02326	106.78	0.0	-30.255E-6	605.10E-12
1	Grid	165.86856	-60.14403	106.80000	0.02351	106.78	0.0	-29.326E-6	586.51E-12
1	Grid	167.86374	-60.14403	106.80000	0.02371	106.78	0.0	-28.433E-6	568.65E-12
1	Grid	169.85892	-60.14403	106.80000	0.02386	106.78	0.0	-27.575E-6	551.49E-12
1	Grid	171.85410	-60.14403	106.80000	0.02397	106.78	0.0	-26.750E-6	535.00E-12
1	Grid	173.84928	-60.14403	106.80000	0.02403	106.78	0.0	-25.957E-6	519.13E-12
1	Grid	175.84446	-60.14403	106.80000	0.02405	106.78	0.0	-25.194E-6	503.88E-12
1	Grid	177.83964	-60.14403	106.80000	0.02405	106.78	0.0	-24.460E-6	489.19E-12
1	Grid	179.83482	-60.14403	106.80000	0.02401	106.78	0.0	-23.753E-6	475.06E-12
1	Grid	181.83000	-60.14403	106.80000	0.02394	106.78	0.0	-23.073E-6	461.45E-12
1	Grid	183.82518	-60.14403	106.80000	0.02381	106.78	0.0	-22.423E-6	448.26E-12
1	Grid	185.82036	-60.14403	106.80000	0.02360	106.78	0.0	-21.799E-6	435.49E-12
1	Grid	187.81554	-60.14403	106.80000	0.02331	106.78	0.0	-21.207E-6	423.14E-12
1	Grid	189.81072	-60.14403	106.80000	0.02296	106.78	0.0	-20.644E-6	411.20E-12
1	Grid	191.80590	-60.14403	106.80000	0.02255	106.78	0.0	-20.107E-6	399.67E-12
1	Grid	193.80108	-60.14403	106.80000	0.02209	106.78	0.0	-19.594E-6	388.54E-12
1	Grid	195.79626	-60.14403	106.80000	0.02158	106.78	0.0	-19.103E-6	377.71E-12
1	Grid	197.79144	-60.14403	106.80000	0.02102	106.78	0.0	-18.632E-6	367.18E-12
1	Grid	199.78662	-60.14403	106.80000	0.02041	106.78	0.0	-18.180E-6	356.94E-12
1	Grid	201.78180	-60.14403	106.80000	0.01975	106.78	0.		



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	-13.69763	-58.26928	106.80000	-0.27020	106.78	-230.00E-12	-877.83E-6	17.557E-9
1	Grid	-11.70245	-58.26928	106.80000	-0.27666	106.78	-237.14E-12	-892.02E-6	17.840E-9
1	Grid	-9.70727	-58.26928	106.80000	-0.28193	106.78	-242.91E-12	-903.18E-6	18.064E-9
1	Grid	-7.71209	-58.26928	106.80000	-0.28593	106.78	-247.14E-12	-911.06E-6	18.221E-9
1	Grid	-5.71691	-58.26928	106.80000	-0.28862	106.78	-249.69E-12	-915.49E-6	18.310E-9
1	Grid	-3.72173	-58.26928	106.80000	-0.28996	106.78	-250.48E-12	-916.37E-6	18.327E-9
1	Grid	-1.72655	-58.26928	106.80000	-0.28995	106.78	-249.47E-12	-913.65E-6	18.273E-9
1	Grid	0.26863	-58.26928	106.80000	-0.28859	106.78	-246.68E-12	-907.39E-6	18.148E-9
1	Grid	2.26381	-58.26928	106.80000	-0.28592	106.78	-242.19E-12	-897.70E-6	17.954E-9
1	Grid	4.25899	-58.26928	106.80000	-0.28200	106.78	-236.13E-12	-884.76E-6	17.695E-9
1	Grid	6.25417	-58.26928	106.80000	-0.27689	106.78	-228.68E-12	-868.81E-6	17.376E-9
1	Grid	8.24935	-58.26928	106.80000	-0.27068	106.78	-220.04E-12	-850.15E-6	17.003E-9
1	Grid	10.24453	-58.26928	106.80000	-0.26348	106.78	-210.44E-12	-829.11E-6	16.582E-9
1	Grid	12.23971	-58.26928	106.80000	-0.25540	106.78	-200.10E-12	-806.04E-6	16.121E-9
1	Grid	14.23489	-58.26928	106.80000	-0.24655	106.78	-189.26E-12	-781.30E-6	15.626E-9
1	Grid	16.23007	-58.26928	106.80000	-0.23708	106.78	-178.14E-12	-755.25E-6	15.105E-9
1	Grid	18.22525	-58.26928	106.80000	-0.22711	106.78	-166.92E-12	-728.24E-6	14.565E-9
1	Grid	20.22043	-58.26928	106.80000	-0.21678	106.78	-155.78E-12	-700.58E-6	14.012E-9
1	Grid	22.21561	-58.26928	106.80000	-0.20621	106.78	-144.86E-12	-672.58E-6	13.451E-9
1	Grid	24.21079	-58.26928	106.80000	-0.19553	106.78	-134.29E-12	-644.49E-6	12.890E-9
1	Grid	26.20597	-58.26928	106.80000	-0.18485	106.78	-124.14E-12	-616.56E-6	12.331E-9
1	Grid	28.20115	-58.26928	106.80000	-0.17429	106.78	-114.48E-12	-588.98E-6	11.780E-9
1	Grid	30.19633	-58.26928	106.80000	-0.16395	106.78	-105.35E-12	-561.92E-6	11.238E-9
1	Grid	32.19151	-58.26928	106.80000	-0.15392	106.78	-96.791E-12	-535.51E-6	10.710E-9
1	Grid	34.18669	-58.26928	106.80000	-0.14426	106.78	-88.796E-12	-509.87E-6	10.197E-9
1	Grid	36.18187	-58.26928	106.80000	-0.13505	106.78	-81.365E-12	-485.07E-6	9.7013E-9
1	Grid	38.17705	-58.26928	106.80000	-0.12636	106.78	-74.486E-12	-461.17E-6	9.2234E-9
1	Grid	40.17223	-58.26928	106.80000	-0.11821	106.78	-68.141E-12	-438.22E-6	8.7644E-9
1	Grid	42.16741	-58.26928	106.80000	-0.11062	106.78	-62.302E-12	-416.23E-6	8.3247E-9
1	Grid	44.16259	-58.26928	106.80000	-0.10363	106.78	-56.946E-12	-395.23E-6	7.9046E-9
1	Grid	46.15777	-58.26928	106.80000	-0.09723	106.78	-52.039E-12	-375.20E-6	7.5040E-9
1	Grid	48.15295	-58.26928	106.80000	-0.09143	106.78	-47.553E-12	-356.14E-6	7.1227E-9
1	Grid	50.14813	-58.26928	106.80000	-0.08621	106.78	-43.457E-12	-338.02E-6	6.7604E-9
1	Grid	52.14331	-58.26928	106.80000	-0.08155	106.78	-39.720E-12	-320.83E-6	6.4165E-9
1	Grid	54.13849	-58.26928	106.80000	-0.07744	106.78	-36.314E-12	-304.53E-6	6.0905E-9
1	Grid	56.13367	-58.26928	106.80000	-0.07382	106.78	-33.213E-12	-289.03E-6	5.7818E-9
1	Grid	58.12885	-58.26928	106.80000	-0.07067	106.78	-30.389E-12	-274.48E-6	5.4896E-9
1	Grid	60.12403	-58.26928	106.80000	-0.06794	106.78	-27.816E-12	-260.66E-6	5.2132E-9
1	Grid	62.11921	-58.26928	106.80000	-0.06559	106.78	-25.478E-12	-247.60E-6	4.9520E-9
1	Grid	64.11439	-58.26928	106.80000	-0.06356	106.78	-23.347E-12	-235.26E-6	4.7051E-9
1	Grid	66.10957	-58.26928	106.80000	-0.06181	106.78	-21.412E-12	-223.60E-6	4.4720E-9
1	Grid	68.10475	-58.26928	106.80000	-0.06028	106.78	-19.644E-12	-212.59E-6	4.2518E-9
1	Grid	70.09993	-58.26928	106.80000	-0.05893	106.78	-18.041E-12	-202.19E-6	4.0439E-9
1	Grid	72.09511	-58.26928	106.80000	-0.05770	106.78	-16.575E-12	-192.38E-6	3.8475E-9
1	Grid	74.09029	-58.26928	106.80000	-0.05654	106.78	-15.242E-12	-183.11E-6	3.6622E-9
1	Grid	76.08547	-58.26928	106.80000	-0.05541	106.78	-14.028E-12	-174.36E-6	3.4871E-9
1	Grid	78.08065	-58.26928	106.80000	-0.05427	106.78	-12.918E-12	-166.09E-6	3.3218E-9
1	Grid	80.07583	-58.26928	106.80000	-0.05308	106.78	-11.908E-12	-158.28E-6	3.1657E-9
1	Grid	82.07101	-58.26928	106.80000	-0.05181	106.78	-10.984E-12	-150.91E-6	3.0182E-9
1	Grid	84.06619	-58.26928	106.80000	-0.05042	106.78	-10.141E-12	-143.94E-6	2.8788E-9
1	Grid	86.06137	-58.26928	106.80000	-0.04906	106.78	-9.3685E-12	-137.26E-6	2.7471E-9
1	Grid	88.05655	-58.26928	106.80000	-0.04726	106.78	-8.6651E-12	-131.13E-6	2.6226E-9
1	Grid	90.05173	-58.26928	106.80000	-0.04545	106.78	-8.0149E-12	-125.24E-6	2.5049E-9
1	Grid	92.04691	-58.26928	106.80000	-0.04349	106.78	-7.4247E-12	-119.67E-6	2.3935E-9
1	Grid	94.04209	-58.26928	106.80000	-0.04138	106.78	-6.8825E-12	-114.40E-6	2.2881E-9
1	Grid	96.03727	-58.26928	106.80000	-0.03915	106.78	-6.3822E-12	-109.41E-6	2.1879E-9
1	Grid	98.03245	-58.26928	106.80000	-0.03673	106.78	-5.9259E-12	-104.69E-6	2.0938E-9
1	Grid	100.02763	-58.26928	106.80000	-0.03422	106.78	-5.5056E-12	-100.21E-6	2.0043E-9
1	Grid	102.02281	-58.26928	106.80000	-0.03161	106.78	-5.1199E-12	-95.972E-6	1.9194E-9
1	Grid	104.01799	-58.26928	106.80000	-0.02892	106.78	-4.7615E-12	-91.951E-6	1.8390E-9
1	Grid	106.01317	-58.26928	106.80000	-0.02618	106.78	-4.4338E-12	-88.136E-6	1.7627E-9
1	Grid	108.00835	-58.26928	106.80000	-0.02339	106.78	-4.1327E-12	-84.517E-6	1.6903E-9
1	Grid	110.00353	-58.26928	106.80000	-0.02059	106.78	-3.8529E-12	-81.081E-6	1.6216E-9
1	Grid	111.99871	-58.26928	106.80000	-0.01779	106.78	-3.5978E-12	-77.819E-6	1.5564E-9
1	Grid	113.99389	-58.26928	106.80000	-0.01502	106.78	-3.3586E-12	-74.719E-6	1.4944E-9
1	Grid	115.98906	-58.26928	106.80000	-0.01219	106.78	-3.1395E-12	-71.772E-6	1.4354E-9
1	Grid	117.98424	-58.26928	106.80000	-0.00961	106.78	-2.9383E-12	-68.971E-6	1.3794E-9
1	Grid	119.97942	-58.26928	106.80000	-0.00701	106.78	-2.7498E-12	-66.305E-6	1.3261E-9
1	Grid	121.97460	-58.26928	106.80000	-0.00450	106.78	-2.5746E-12	-63.769E-6	1.2754E-9
1	Grid	123.96978	-58.26928	106.80000	-0.00208	106.78	-2.4147E-12	-61.354E-6	1.2271E-9
1	Grid	125.96496	-58.26928	106.80000	-0.00023	106.78	-2.2649E-12	-59.045E-6	1.1811E-9
1	Grid	127.96014	-58.26928	106.80000	0.00244	106.78	-2.1256E-12	-56.862E-6	1.1372E-9
1	Grid	129.95532	-58.26928	106.80000	0.00452	106.78	-1.9957E-12	-54.772E-6	1.0954E-9
1	Grid	131.95050	-58.26928	106.80000	0.00649	106.78	-1.8758E-12	-52.780E-6	1.0556E-9
1	Grid	133.94568	-58.26928	106.80000	0.00833	106.78	-1.7633E-12	-50.878E-6	1.0176E-9
1	Grid	135.94086	-58.26928	106.80000	0.01005	106.78	-1.6587E-12	-49.063E-6	981.27E-12
1	Grid	137.93604	-58.26928	106.80000	0.01166	106.78	-1.5627E-12	-47.331E-6	946.61E-12
1	Grid	139.93122	-58.26928	106.80000	0.01314	106.78	-1.4708E-12	-45.675E-6	913.50E-12
1	Grid	141.92640	-58.26928	106.80000	0.01451	106.78	-1.3889E-12	-44.093E-6	881.86E-12
1	Grid	143.92158	-58.26928	106.80000	0.01576	106.78	-1.3096E-12	-42.581E-6	851.61E-12
1	Grid	145.91676	-58.26928	106.80000	0.01690	106.78	-1.2363E-12	-41.134E-6	822.68E-12
1	Grid	147.91194	-58.26928	106.80000	0.01794	106.78	-1.1637E-12	-39.750E-6	795.00E-12
1	Grid	149.90712	-58.26928	106.80000	0.01888	106.78	-1.1025E-12	-38.425E-6	768.51E-12
1	Grid	151.90230	-58.26928	106.80000	0.01972	106.78	-1.0425E-12	-37.157E-6	743.14E-12
1	Grid	153.89748	-58.26928	106.80000	0.02047	106.78	0.0	-35.942E-6	718.84E-12
1	Grid	155.89266	-58.26928	106.80000	0.02113	106.78	0.0	-34.776E-6	695.15E-12
1	Grid	157.88784	-58.26928	106.80000	0.02171	106.78	0.0	-33.661E-6	673.23E-12
1	Grid	159.88302	-58.26928	106.80000	0.02221	106.78	0.0	-32.591E-6	651.82E-12
1	Grid	161.87820	-58.26928	106.80000	0.02265	106.78	0.0	-31.564E-6	631.29E-12
1	Grid	163.87338	-58.26928	106.80000	0.02301	106.78	0.0	-30.579E-6	611.58E-12
1	Grid	165.86856	-58.26928	106.80000	0.02329	106.78	0.0	-29.633E-6	592.66E-12
1	Grid	167.86374	-58.26928	106.80000	0.02357	106.78	0.0	-28.725E-6	574.49E-12
1	Grid	169.85892	-58.26928	106.80000	0.02376	106.78	0.0	-27.852E-6	557.04E-12
1	Grid	171.85410	-58.26928	106.80000	0.02390	106.78	0.0	-27.014E-6	540.27E-12
1	Grid	173.84928	-58.26928	106.80000	0.02400	106.78	0.0	-26.208E-6	524.15E-12
1	Grid	175.84446	-58.26928	106.80000	0.02406	106.78	0.0	-25.434E-6	508.65E-12
1	Grid	177.83964	-58.26928	106.80000	0.02407	106.78	0.0	-24.687E-6	493.74E-12
1	Grid	179.83482	-58.26928	106.80000	0.02406	106.78	0.0	-23.969E-6	479.39E-12
1	Grid	181.83000	-58.26928	106.80000					

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.		
						3244				
						Drg. Ref.				
						Made by AC	Date	Checked		
Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]	
1	Grid	-33.64942	-56.39453	106.80000	-0.18775	106.78	-147.53E-12	-691.10E-6	13.822E-9	
1	Grid	-31.65424	-56.39453	106.80000	-0.20172	106.78	-159.69E-12	-722.42E-6	14.448E-9	
1	Grid	-29.65906	-56.39453	106.80000	-0.21574	106.78	-172.39E-12	-753.88E-6	15.078E-9	
1	Grid	-27.66388	-56.39453	106.80000	-0.22965	106.78	-185.54E-12	-785.21E-6	15.704E-9	
1	Grid	-25.66871	-56.39453	106.80000	-0.24333	106.78	-199.01E-12	-816.11E-6	16.322E-9	
1	Grid	-23.67353	-56.39453	106.80000	-0.25661	106.78	-212.63E-12	-846.23E-6	16.925E-9	
1	Grid	-21.67835	-56.39453	106.80000	-0.26932	106.78	-226.21E-12	-875.21E-6	17.504E-9	
1	Grid	-19.68317	-56.39453	106.80000	-0.28131	106.78	-239.50E-12	-902.64E-6	18.053E-9	
1	Grid	-17.68799	-56.39453	106.80000	-0.29242	106.78	-252.23E-12	-928.09E-6	18.562E-9	
1	Grid	-15.69281	-56.39453	106.80000	-0.30249	106.78	-264.12E-12	-951.13E-6	19.023E-9	
1	Grid	-13.69763	-56.39453	106.80000	-0.31139	106.78	-274.86E-12	-971.35E-6	19.427E-9	
1	Grid	-11.70245	-56.39453	106.80000	-0.31899	106.78	-284.15E-12	-988.34E-6	19.767E-9	
1	Grid	-9.70727	-56.39453	106.80000	-0.32519	106.78	-291.69E-12	-0.0010017	20.035E-9	
1	Grid	-7.71209	-56.39453	106.80000	-0.32989	106.78	-297.26E-12	-0.0010113	20.225E-9	
1	Grid	-5.71691	-56.39453	106.80000	-0.33304	106.78	-300.64E-12	-0.0010166	20.333E-9	
1	Grid	-3.72173	-56.39453	106.80000	-0.33460	106.78	-301.72E-12	-0.0010178	20.356E-9	
1	Grid	-1.72655	-56.39453	106.80000	-0.33457	106.78	-300.45E-12	-0.0010146	20.292E-9	
1	Grid	0.26863	-56.39453	106.80000	-0.33294	106.78	-296.85E-12	-0.0010072	20.144E-9	
1	Grid	2.26381	-56.39453	106.80000	-0.32978	106.78	-291.03E-12	-995.68E-6	19.913E-9	
1	Grid	4.25899	-56.39453	106.80000	-0.32513	106.78	-283.19E-12	-980.26E-6	19.605E-9	
1	Grid	6.25417	-56.39453	106.80000	-0.31909	106.78	-273.56E-12	-961.30E-6	19.226E-9	
1	Grid	8.24935	-56.39453	106.80000	-0.31177	106.78	-262.43E-12	-939.16E-6	18.783E-9	
1	Grid	10.24453	-56.39453	106.80000	-0.30328	106.78	-250.11E-12	-914.26E-6	18.285E-9	
1	Grid	12.23971	-56.39453	106.80000	-0.29377	106.78	-236.92E-12	-887.05E-6	17.741E-9	
1	Grid	14.23489	-56.39453	106.80000	-0.28339	106.78	-223.15E-12	-857.96E-6	17.159E-9	
1	Grid	16.23007	-56.39453	106.80000	-0.27228	106.78	-209.12E-12	-827.46E-6	16.549E-9	
1	Grid	18.22525	-56.39453	106.80000	-0.26061	106.78	-195.05E-12	-795.95E-6	15.919E-9	
1	Grid	20.22043	-56.39453	106.80000	-0.24854	106.78	-181.18E-12	-763.83E-6	15.277E-9	
1	Grid	22.21561	-56.39453	106.80000	-0.23621	106.78	-167.68E-12	-731.45E-6	14.629E-9	
1	Grid	24.21079	-56.39453	106.80000	-0.22378	106.78	-154.69E-12	-699.13E-6	13.983E-9	
1	Grid	26.20597	-56.39453	106.80000	-0.21139	106.78	-142.32E-12	-667.13E-6	13.342E-9	
1	Grid	28.20115	-56.39453	106.80000	-0.19916	106.78	-130.62E-12	-635.67E-6	12.713E-9	
1	Grid	30.19633	-56.39453	106.80000	-0.18721	106.78	-119.66E-12	-604.94E-6	12.099E-9	
1	Grid	32.19151	-56.39453	106.80000	-0.17565	106.78	-109.43E-12	-575.09E-6	11.502E-9	
1	Grid	34.18669	-56.39453	106.80000	-0.16456	106.78	-99.943E-12	-546.23E-6	10.924E-9	
1	Grid	36.18187	-56.39453	106.80000	-0.15403	106.78	-91.185E-12	-518.43E-6	10.369E-9	
1	Grid	38.17705	-56.39453	106.80000	-0.14410	106.78	-83.130E-12	-491.75E-6	9.8350E-9	
1	Grid	40.17223	-56.39453	106.80000	-0.13482	106.78	-75.741E-12	-466.23E-6	9.3246E-9	
1	Grid	42.16741	-56.39453	106.80000	-0.12623	106.78	-68.985E-12	-441.88E-6	8.8377E-9	
1	Grid	44.16259	-56.39453	106.80000	-0.11835	106.78	-62.818E-12	-418.70E-6	8.3741E-9	
1	Grid	46.15777	-56.39453	106.80000	-0.11117	106.78	-57.200E-12	-396.68E-6	7.9336E-9	
1	Grid	48.15295	-56.39453	106.80000	-0.10469	106.78	-52.090E-12	-375.79E-6	7.5158E-9	
1	Grid	50.14813	-56.39453	106.80000	-0.09891	106.78	-47.443E-12	-356.00E-6	7.1201E-9	
1	Grid	52.14331	-56.39453	106.80000	-0.09378	106.78	-43.226E-12	-337.28E-6	6.7457E-9	
1	Grid	54.13849	-56.39453	106.80000	-0.08928	106.78	-39.401E-12	-319.59E-6	6.3918E-9	
1	Grid	56.13367	-56.39453	106.80000	-0.08536	106.78	-35.931E-12	-302.88E-6	6.0576E-9	
1	Grid	58.12885	-56.39453	106.80000	-0.08198	106.78	-32.784E-12	-287.11E-6	5.7422E-9	
1	Grid	60.12403	-56.39453	106.80000	-0.07909	106.78	-29.929E-12	-272.24E-6	5.4447E-9	
1	Grid	62.11921	-56.39453	106.80000	-0.07663	106.78	-27.341E-12	-258.21E-6	5.1643E-9	
1	Grid	64.11439	-56.39453	106.80000	-0.07455	106.78	-24.996E-12	-244.99E-6	4.8999E-9	
1	Grid	66.10957	-56.39453	106.80000	-0.07278	106.78	-22.868E-12	-232.54E-6	4.6507E-9	
1	Grid	68.10475	-56.39453	106.80000	-0.07125	106.78	-20.937E-12	-220.80E-6	4.4159E-9	
1	Grid	70.09993	-56.39453	106.80000	-0.06992	106.78	-19.185E-12	-209.74E-6	4.1947E-9	
1	Grid	72.09511	-56.39453	106.80000	-0.06871	106.78	-17.593E-12	-199.31E-6	3.9863E-9	
1	Grid	74.09029	-56.39453	106.80000	-0.06758	106.78	-16.146E-12	-189.49E-6	3.7898E-9	
1	Grid	76.08547	-56.39453	106.80000	-0.06647	106.78	-14.832E-12	-180.24E-6	3.6047E-9	
1	Grid	78.08065	-56.39453	106.80000	-0.06532	106.78	-13.637E-12	-171.51E-6	3.4302E-9	
1	Grid	80.07583	-56.39453	106.80000	-0.06410	106.78	-12.547E-12	-163.28E-6	3.2657E-9	
1	Grid	82.07101	-56.39453	106.80000	-0.06277	106.78	-11.555E-12	-155.52E-6	3.1105E-9	
1	Grid	84.06619	-56.39453	106.80000	-0.06129	106.78	-10.649E-12	-148.20E-6	2.9641E-9	
1	Grid	86.06137	-56.39453	106.80000	-0.05965	106.78	-9.8248E-12	-141.30E-6	2.8259E-9	
1	Grid	88.05655	-56.39453	106.80000	-0.05782	106.78	-9.0707E-12	-134.78E-6	2.6955E-9	
1	Grid	90.05173	-56.39453	106.80000	-0.05581	106.78	-8.3826E-12	-128.62E-6	2.5724E-9	
1	Grid	92.04691	-56.39453	106.80000	-0.05360	106.78	-7.7525E-12	-122.80E-6	2.4560E-9	
1	Grid	94.04209	-56.39453	106.80000	-0.05120	106.78	-7.1749E-12	-117.30E-6	2.3461E-9	
1	Grid	96.03727	-56.39453	106.80000	-0.04862	106.78	-6.6467E-12	-112.11E-6	2.2421E-9	
1	Grid	98.03245	-56.39453	106.80000	-0.04587	106.78	-6.1644E-12	-107.19E-6	2.1438E-9	
1	Grid	100.02763	-56.39453	106.80000	-0.04299	106.78	-5.7181E-12	-102.54E-6	2.0507E-9	
1	Grid	102.02281	-56.39453	106.80000	-0.03998	106.78	-5.3131E-12	-98.133E-6	1.9627E-9	
1	Grid	104.01799	-56.39453	106.80000	-0.03687	106.78	-4.9400E-12	-93.962E-6	1.8792E-9	
1	Grid	106.01317	-56.39453	106.80000	-0.03360	106.78	-4.5937E-12	-90.010E-6	1.8002E-9	
1	Grid	108.00835	-56.39453	106.80000	-0.03048	106.78	-4.2772E-12	-86.264E-6	1.7253E-9	
1	Grid	110.00353	-56.39453	106.80000	-0.02725	106.78	-3.9861E-12	-82.711E-6	1.6542E-9	
1	Grid	111.99871	-56.39453	106.80000	-0.02402	106.78	-3.7164E-12	-79.340E-6	1.5868E-9	
1	Grid	113.99389	-56.39453	106.80000	-0.02082	106.78	-3.4666E-12	-76.140E-6	1.5228E-9	
1	Grid	115.98906	-56.39453	106.80000	-0.01767	106.78	-3.2401E-12	-73.101E-6	1.4620E-9	
1	Grid	117.98424	-56.39453	106.80000	-0.01459	106.78	-3.0249E-12	-70.214E-6	1.4043E-9	
1	Grid	119.97942	-56.39453</							

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.	
						3244			
						Drg. Ref.			
						Made by AC	Date	Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
1	Grid	-53.60122	-54.51978	106.80000	-0.080002	106.78	-68.002E-12	-444.24E-6	8.8848E-9
1	Grid	-51.60604	-54.51978	106.80000	-0.09032	106.78	-74.713E-12	-469.21E-6	9.3842E-9
1	Grid	-49.61086	-54.51978	106.80000	-0.10135	106.78	-82.078E-12	-495.48E-6	9.9095E-9
1	Grid	-47.61568	-54.51978	106.80000	-0.11314	106.78	-90.143E-12	-523.05E-6	10.461E-9
1	Grid	-45.62050	-54.51978	106.80000	-0.12565	106.78	-98.957E-12	-551.94E-6	11.039E-9
1	Grid	-43.62532	-54.51978	106.80000	-0.13888	106.78	-108.57E-12	-582.11E-6	11.642E-9
1	Grid	-41.63014	-54.51978	106.80000	-0.15280	106.78	-119.02E-12	-613.52E-6	12.270E-9
1	Grid	-39.63496	-54.51978	106.80000	-0.16734	106.78	-130.35E-12	-646.12E-6	12.922E-9
1	Grid	-37.63978	-54.51978	106.80000	-0.18246	106.78	-142.57E-12	-679.81E-6	13.596E-9
1	Grid	-35.64460	-54.51978	106.80000	-0.19804	106.78	-155.69E-12	-714.46E-6	14.289E-9
1	Grid	-33.64942	-54.51978	106.80000	-0.21400	106.78	-169.71E-12	-749.90E-6	14.998E-9
1	Grid	-31.65424	-54.51978	106.80000	-0.23020	106.78	-184.59E-12	-785.93E-6	15.719E-9
1	Grid	-29.65906	-54.51978	106.80000	-0.24649	106.78	-200.25E-12	-822.30E-6	16.446E-9
1	Grid	-27.66388	-54.51978	106.80000	-0.26271	106.78	-216.59E-12	-858.69E-6	17.174E-9
1	Grid	-25.66871	-54.51978	106.80000	-0.27868	106.78	-233.46E-12	-894.77E-6	17.895E-9
1	Grid	-23.67353	-54.51978	106.80000	-0.29422	106.78	-250.65E-12	-930.11E-6	18.602E-9
1	Grid	-21.67835	-54.51978	106.80000	-0.30913	106.78	-267.91E-12	-964.28E-6	19.286E-9
1	Grid	-19.68317	-54.51978	106.80000	-0.32321	106.78	-284.93E-12	-996.77E-6	19.935E-9
1	Grid	-17.68799	-54.51978	106.80000	-0.33627	106.78	-301.37E-12	-0.0010271	20.541E-9
1	Grid	-15.69281	-54.51978	106.80000	-0.34812	106.78	-316.82E-12	-0.0010546	21.092E-9
1	Grid	-13.69763	-54.51978	106.80000	-0.35866	106.78	-330.86E-12	-0.0010789	21.578E-9
1	Grid	-11.70245	-54.51978	106.80000	-0.36755	106.78	-343.08E-12	-0.0010994	21.988E-9
1	Grid	-9.70727	-54.51978	106.80000	-0.37484	106.78	-353.07E-12	-0.0011156	22.312E-9
1	Grid	-7.71209	-54.51978	106.80000	-0.38038	106.78	-360.48E-12	-0.0011272	22.544E-9
1	Grid	-5.71691	-54.51978	106.80000	-0.38407	106.78	-365.02E-12	-0.0011338	22.676E-9
1	Grid	-3.72173	-54.51978	106.80000	-0.38589	106.78	-366.52E-12	-0.0011353	22.706E-9
1	Grid	-1.72655	-54.51978	106.80000	-0.38582	106.78	-364.90E-12	-0.0011316	22.631E-9
1	Grid	0.26863	-54.51978	106.80000	-0.38387	106.78	-360.20E-12	-0.0011227	22.454E-9
1	Grid	2.26381	-54.51978	106.80000	-0.38010	106.78	-352.59E-12	-0.0011089	22.177E-9
1	Grid	4.25899	-54.51978	106.80000	-0.37458	106.78	-342.31E-12	-0.0010904	21.808E-9
1	Grid	6.25417	-54.51978	106.80000	-0.36743	106.78	-329.73E-12	-0.0010677	21.354E-9
1	Grid	8.24935	-54.51978	106.80000	-0.35876	106.78	-315.23E-12	-0.0010413	20.826E-9
1	Grid	10.24453	-54.51978	106.80000	-0.34874	106.78	-299.26E-12	-0.0010116	20.232E-9
1	Grid	12.23971	-54.51978	106.80000	-0.33753	106.78	-282.25E-12	-979.32E-6	19.586E-9
1	Grid	14.23489	-54.51978	106.80000	-0.32530	106.78	-264.63E-12	-944.94E-6	18.899E-9
1	Grid	16.23007	-54.51978	106.80000	-0.31225	106.78	-246.77E-12	-909.03E-6	18.181E-9
1	Grid	18.22525	-54.51978	106.80000	-0.29856	106.78	-229.01E-12	-872.11E-6	17.442E-9
1	Grid	20.22043	-54.51978	106.80000	-0.28443	106.78	-211.62E-12	-834.65E-6	16.693E-9
1	Grid	22.21561	-54.51978	106.80000	-0.27003	106.78	-194.83E-12	-797.07E-6	15.941E-9
1	Grid	24.21079	-54.51978	106.80000	-0.25554	106.78	-178.79E-12	-759.75E-6	15.195E-9
1	Grid	26.20597	-54.51978	106.80000	-0.24113	106.78	-163.64E-12	-722.97E-6	14.459E-9
1	Grid	28.20115	-54.51978	106.80000	-0.22695	106.78	-149.42E-12	-687.00E-6	13.740E-9
1	Grid	30.19633	-54.51978	106.80000	-0.21313	106.78	-136.20E-12	-652.04E-6	13.041E-9
1	Grid	32.19151	-54.51978	106.80000	-0.19980	106.78	-123.95E-12	-618.23E-6	12.365E-9
1	Grid	34.18669	-54.51978	106.80000	-0.18706	106.78	-112.67E-12	-585.69E-6	11.714E-9
1	Grid	36.18187	-54.51978	106.80000	-0.17498	106.78	-102.33E-12	-554.49E-6	11.090E-9
1	Grid	38.17705	-54.51978	106.80000	-0.16364	106.78	-92.876E-12	-524.68E-6	10.494E-9
1	Grid	40.17223	-54.51978	106.80000	-0.15309	106.78	-84.263E-12	-496.28E-6	9.9256E-9
1	Grid	42.16741	-54.51978	106.80000	-0.14337	106.78	-76.432E-12	-469.29E-6	9.3859E-9
1	Grid	44.16259	-54.51978	106.80000	-0.13447	106.78	-69.328E-12	-443.70E-6	8.8740E-9
1	Grid	46.15777	-54.51978	106.80000	-0.12642	106.78	-62.892E-12	-419.48E-6	8.3959E-9
1	Grid	48.15295	-54.51978	106.80000	-0.11920	106.78	-57.070E-12	-396.58E-6	7.9316E-9
1	Grid	50.14813	-54.51978	106.80000	-0.11279	106.78	-51.802E-12	-374.97E-6	7.4993E-9
1	Grid	52.14331	-54.51978	106.80000	-0.10715	106.78	-47.044E-12	-354.58E-6	7.0917E-9
1	Grid	54.13849	-54.51978	106.80000	-0.10224	106.78	-42.745E-12	-335.38E-6	6.7076E-9
1	Grid	56.13367	-54.51978	106.80000	-0.09802	106.78	-38.964E-12	-317.30E-6	6.3459E-9
1	Grid	58.12885	-54.51978	106.80000	-0.09442	106.78	-35.357E-12	-300.28E-6	6.0056E-9
1	Grid	60.12403	-54.51978	106.80000	-0.09139	106.78	-32.194E-12	-284.28E-6	5.6855E-9
1	Grid	62.11921	-54.51978	106.80000	-0.08885	106.78	-29.335E-12	-269.22E-6	5.3845E-9
1	Grid	64.11439	-54.51978	106.80000	-0.08673	106.78	-26.750E-12	-255.07E-6	5.1014E-9
1	Grid	66.10957	-54.51978	106.80000	-0.08497	106.78	-24.414E-12	-241.76E-6	4.8353E-9
1	Grid	68.10475	-54.51978	106.80000	-0.08349	106.78	-22.303E-12	-229.25E-6	4.5851E-9
1	Grid	70.09993	-54.51978	106.80000	-0.08221	106.78	-20.391E-12	-217.49E-6	4.3498E-9
1	Grid	72.09511	-54.51978	106.80000	-0.08107	106.78	-18.661E-12	-206.43E-6	4.1287E-9
1	Grid	74.09029	-54.51978	106.80000	-0.08000	106.78	-17.092E-12	-196.03E-6	3.9206E-9
1	Grid	76.08547	-54.51978	106.80000	-0.07893	106.78	-15.669E-12	-186.25E-6	3.7249E-9
1	Grid	78.08065	-54.51978	106.80000	-0.07781	106.78	-14.380E-12	-177.04E-6	3.5408E-9
1	Grid	80.07583	-54.51978	106.80000	-0.07658	106.78	-13.208E-12	-168.38E-6	3.3675E-9
1	Grid	82.07101	-54.51978	106.80000	-0.07520	106.78	-12.143E-12	-160.22E-6	3.2043E-9
1	Grid	84.06619	-54.51978	106.80000	-0.07363	106.78	-11.173E-12	-152.53E-6	3.0507E-9
1	Grid	86.06137	-54.51978	106.80000	-0.07185	106.78	-10.294E-12	-145.29E-6	2.9058E-9
1	Grid	88.05655	-54.51978	106.80000	-0.06983	106.78	-9.4911E-12	-138.47E-6	2.7693E-9
1	Grid	90.05173	-54.51978	106.80000	-0.06758	106.78	-8.7563E-12	-132.03E-6	2.6406E-9
1	Grid	92.04691	-54.51978	106.80000	-0.06508	106.78	-8.0869E-12	-125.96E-6	2.5192E-9
1	Grid	94.04209	-54.51978	106.80000	-0.06235	106.78	-7.4780E-12	-120.23E-6	2.4046E-9
1	Grid	96.03727	-54.51978	106.80000	-0.05940	106.78	-6.9191E-12	-114.82E-6	2.2963E-9
1	Grid	98.03245	-54.51978	106.80000	-0.05625	106.78	-6.4082E-12	-109.70E-6	2.1941E-9
1	Grid	100.02763	-54.51978	106.80000	-0.05293	106.78	-5.9412E-12	-104.87E-6	2.0975E-9
1	Grid	102.02281	-54.51978	106.80000	-0.04945	106.78	-5.5116E-12	-100.30E-6	2.0061E-9
1	Grid	104.01799	-54.51978	106.80000	-0.04587	106.78	-5.1146E-12	-95.980E-6	1.9196E-9
1	Grid	106.01317	-54.51978	106.80000	-0.04220	106.78	-4.7562E-12	-91.888E-6	1.8378E-9
1	Grid	108.00835	-54.51978	106.80000	-0.03848	106.78	-4.4231E-12	-88.160E-6	1.7603E-9
1	Grid	110.00353	-54.51978	106.80000	-0.03474	106.78	-4.1174E-12	-84.341E-6	1.6868E-9
1	Grid	111.99871	-54.51978	106.80000	-0.03101	106.78	-3.8349E-12	-80.861E-6	1.6172E-9
1	Grid	113.99388	-54.51978	106.80000	-0.02732	106.78	-3.5758E-12	-77.560E-6	1.5512E-9
1	Grid	115.98906	-54.51978	106.80000	-0.02370	106.78	-3.3373E-12	-74.427E-6	1.4885E-9
1	Grid	117.98424	-54.51978	106.80000	-0.02016	106.78	-3.1155E-12	-71.454E-6	1.4291E-9
1	Grid	119.97942	-54.51978	106.80000	-0.01673	106.78	-2.9110E-12	-68.629E-6	1.3726E-9
1	Grid	121.97460	-54.51978	106.80000	-0.01342	106.78	-2.7232E-12	-65.945E-6	1.3189E-9
1	Grid	123.96978	-54.51978	106.80000	-0.01024	106.78	-2.5486E-12	-63.394E-6	1.2679E-9
1	Grid	125.96496	-54.51978	106.80000	-0.00722	106.78	-2.3881E-12	-60.967E-6	1.2193E-9
1	Grid	127.96014	-54.51978	106.80000	-0.00434	106.78			



Highgate Junior School Sports Hall

Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]
1	Grid	-73.55302	-52.64504	106.80000	-0.01546	106.78	-28.841E-12	-268.71E-6	5.3742E-9
1	Grid	-71.55784	-52.64504	106.80000	-0.02021	106.78	-31.643E-12	-283.83E-6	5.6766E-9
1	Grid	-69.56266	-52.64504	106.80000	-0.02546	106.78	-34.746E-12	-299.92E-6	5.9984E-9
1	Grid	-67.56748	-52.64504	106.80000	-0.03125	106.78	-38.179E-12	-317.04E-6	6.3408E-9
1	Grid	-65.57230	-52.64504	106.80000	-0.03763	106.78	-41.982E-12	-335.25E-6	6.7050E-9
1	Grid	-63.57712	-52.64504	106.80000	-0.04462	106.78	-46.191E-12	-354.61E-6	7.0923E-9
1	Grid	-61.58194	-52.64504	106.80000	-0.05229	106.78	-50.853E-12	-375.20E-6	7.5039E-9
1	Grid	-59.58676	-52.64504	106.80000	-0.06066	106.78	-56.016E-12	-397.06E-6	7.9411E-9
1	Grid	-57.59158	-52.64504	106.80000	-0.06978	106.78	-61.728E-12	-420.25E-6	8.4051E-9
1	Grid	-55.59640	-52.64504	106.80000	-0.07969	106.78	-68.050E-12	-444.85E-6	8.8971E-9
1	Grid	-53.60122	-52.64504	106.80000	-0.09041	106.78	-75.034E-12	-470.90E-6	9.4181E-9
1	Grid	-51.60604	-52.64504	106.80000	-0.10198	106.78	-82.750E-12	-498.46E-6	9.9691E-9
1	Grid	-49.61086	-52.64504	106.80000	-0.11442	106.78	-91.262E-12	-527.55E-6	10.551E-9
1	Grid	-47.61568	-52.64504	106.80000	-0.12774	106.78	-100.64E-12	-558.21E-6	11.164E-9
1	Grid	-45.62050	-52.64504	106.80000	-0.14194	106.78	-110.95E-12	-590.45E-6	11.809E-9
1	Grid	-43.62532	-52.64504	106.80000	-0.15700	106.78	-122.26E-12	-624.28E-6	12.486E-9
1	Grid	-41.63014	-52.64504	106.80000	-0.17289	106.78	-134.64E-12	-659.65E-6	13.193E-9
1	Grid	-39.63496	-52.64504	106.80000	-0.18956	106.78	-148.15E-12	-696.52E-6	13.930E-9
1	Grid	-37.63978	-52.64504	106.80000	-0.20693	106.78	-162.83E-12	-734.81E-6	14.696E-9
1	Grid	-35.64460	-52.64504	106.80000	-0.22491	106.78	-178.71E-12	-774.38E-6	15.487E-9
1	Grid	-33.64942	-52.64504	106.80000	-0.24338	106.78	-195.80E-12	-815.06E-6	16.301E-9
1	Grid	-31.65424	-52.64504	106.80000	-0.26218	106.78	-214.08E-12	-856.62E-6	17.132E-9
1	Grid	-29.65906	-52.64504	106.80000	-0.28115	106.78	-233.49E-12	-898.80E-6	17.976E-9
1	Grid	-27.66388	-52.64504	106.80000	-0.30008	106.78	-253.91E-12	-941.24E-6	18.825E-9
1	Grid	-25.66871	-52.64504	106.80000	-0.31878	106.78	-275.17E-12	-983.54E-6	19.671E-9
1	Grid	-23.67353	-52.64504	106.80000	-0.33779	106.78	-297.02E-12	-1.00125E-5	20.504E-9
1	Grid	-21.67835	-52.64504	106.80000	-0.35451	106.78	-319.15E-12	-0.0010657	21.314E-9
1	Grid	-19.68317	-52.64504	106.80000	-0.37108	106.78	-341.16E-12	-0.0011044	22.088E-9
1	Grid	-17.68799	-52.64504	106.80000	-0.38646	106.78	-362.58E-12	-0.0011407	22.814E-9
1	Grid	-15.69281	-52.64504	106.80000	-0.40044	106.78	-382.87E-12	-0.0011739	23.477E-9
1	Grid	-13.69763	-52.64504	106.80000	-0.41494	106.78	-401.44E-12	-0.0012032	24.065E-9
1	Grid	-11.70245	-52.64504	106.80000	-0.42336	106.78	-417.71E-12	-0.0012281	24.563E-9
1	Grid	-9.70727	-52.64504	106.80000	-0.43197	106.78	-431.10E-12	-0.0012480	24.959E-9
1	Grid	-7.71209	-52.64504	106.80000	-0.43849	106.78	-441.09E-12	-0.0012622	25.243E-9
1	Grid	-5.71691	-52.64504	106.80000	-0.44284	106.78	-447.28E-12	-0.0012704	25.407E-9
1	Grid	-3.72173	-52.64504	106.80000	-0.44495	106.78	-449.39E-12	-0.0012723	25.446E-9
1	Grid	-1.72655	-52.64504	106.80000	-0.44483	106.78	-447.31E-12	-0.0012679	25.358E-9
1	Grid	0.26863	-52.64504	106.80000	-0.44248	106.78	-441.10E-12	-0.0012572	25.145E-9
1	Grid	2.26381	-52.64504	106.80000	-0.43797	106.78	-430.99E-12	-0.0012405	24.811E-9
1	Grid	4.25899	-52.64504	106.80000	-0.43140	106.78	-417.36E-12	-0.0012182	24.365E-9
1	Grid	6.25417	-52.64504	106.80000	-0.42290	106.78	-400.70E-12	-0.0011909	23.817E-9
1	Grid	8.24935	-52.64504	106.80000	-0.41262	106.78	-381.60E-12	-0.0011591	23.181E-9
1	Grid	10.24453	-52.64504	106.80000	-0.40075	106.78	-360.67E-12	-0.0011235	22.470E-9
1	Grid	12.23971	-52.64504	106.80000	-0.38749	106.78	-338.52E-12	-0.0010849	21.698E-9
1	Grid	14.23489	-52.64504	106.80000	-0.37307	106.78	-315.73E-12	-0.0010440	20.880E-9
1	Grid	16.23015	-52.64504	106.80000	-0.35760	106.78	-292.81E-12	-0.0010029	20.030E-9
1	Grid	18.22525	-52.64504	106.80000	-0.34161	106.78	-270.21E-12	-958.03E-6	19.160E-9
1	Grid	20.22043	-52.64504	106.80000	-0.32503	106.78	-248.26E-12	-914.15E-6	18.283E-9
1	Grid	22.21561	-52.64504	106.80000	-0.30818	106.78	-227.25E-12	-870.38E-6	17.407E-9
1	Grid	24.21079	-52.64504	106.80000	-0.29127	106.78	-207.36E-12	-827.12E-6	16.542E-9
1	Grid	26.20597	-52.64504	106.80000	-0.27438	106.78	-188.70E-12	-784.52E-6	15.655E-9
1	Grid	28.20115	-52.64504	106.80000	-0.25802	106.78	-171.36E-12	-743.50E-6	14.870E-9
1	Grid	30.19633	-52.64504	106.80000	-0.24202	106.78	-155.35E-12	-703.63E-6	14.073E-9
1	Grid	32.19151	-52.64504	106.80000	-0.22662	106.78	-140.64E-12	-665.26E-6	13.305E-9
1	Grid	34.18669	-52.64504	106.80000	-0.21195	106.78	-127.20E-12	-628.52E-6	12.570E-9
1	Grid	36.18187	-52.64504	106.80000	-0.19811	106.78	-114.96E-12	-593.45E-6	11.871E-9
1	Grid	38.17705	-52.64504	106.80000	-0.18515	106.78	-103.86E-12	-560.12E-6	11.202E-9
1	Grid	40.17223	-52.64504	106.80000	-0.17315	106.78	-93.809E-12	-528.49E-6	10.570E-9
1	Grid	42.16741	-52.64504	106.80000	-0.16213	106.78	-84.730E-12	-498.56E-6	9.9713E-9
1	Grid	44.16259	-52.64504	106.80000	-0.15211	106.78	-76.543E-12	-470.30E-6	9.4060E-9
1	Grid	46.15777	-52.64504	106.80000	-0.14305	106.78	-69.165E-12	-443.64E-6	8.8729E-9
1	Grid	48.15295	-52.64504	106.80000	-0.13504	106.78	-62.527E-12	-418.55E-6	8.3709E-9
1	Grid	50.14813	-52.64504	106.80000	-0.12795	106.78	-56.558E-12	-394.94E-6	7.8987E-9
1	Grid	52.14331	-52.64504	106.80000	-0.12176	106.78	-51.187E-12	-372.75E-6	7.4549E-9
1	Grid	54.13849	-52.64504	106.80000	-0.11643	106.78	-46.364E-12	-351.91E-6	7.0382E-9
1	Grid	56.13367	-52.64504	106.80000	-0.11190	106.78	-42.023E-12	-332.35E-6	6.6469E-9
1	Grid	58.12885	-52.64504	106.80000	-0.10809	106.78	-38.122E-12	-313.99E-6	6.2798E-9
1	Grid	60.12403	-52.64504	106.80000	-0.10493	106.78	-34.611E-12	-296.77E-6	5.9355E-9
1	Grid	62.11921	-52.64504	106.80000	-0.10234	106.78	-31.455E-12	-280.63E-6	5.6125E-9
1	Grid	64.11439	-52.64504	106.80000	-0.10023	106.78	-28.612E-12	-265.48E-6	5.3096E-9
1	Grid	66.10957	-52.64504	106.80000	-0.09859	106.78	-26.048E-12	-251.28E-6	5.0255E-9
1	Grid	68.10475	-52.64504	106.80000	-0.09714	106.78	-23.742E-12	-237.95E-6	4.7591E-9
1	Grid	70.09993	-52.64504	106.80000	-0.09597	106.78	-21.659E-12	-225.45E-6	4.5091E-9
1	Grid	72.09511	-52.64504	106.80000	-0.09495	106.78	-19.782E-12	-213.73E-6	4.2745E-9
1	Grid	74.09029	-52.64504	106.80000	-0.09398	106.78	-18.081E-12	-202.72E-6	4.0544E-9
1	Grid	76.08547	-52.64504	106.80000	-0.09300	106.78	-16.545E-12	-192.38E-6	3.8477E-9
1	Grid	78.08065	-52.64504	106.80000	-0.09193	106.78	-15.157E-12	-182.68E-6	3.6535E-9
1	Grid	80.07583	-52.64504	106.80000	-0.09072	106.78	-13.897E-12	-173.56E-6	3.4711E-9
1	Grid	82.07101	-52.64504	106.80000	-0.08931	106.78	-12.755E-12	-164.98E-6	3.2997E-9
1	Grid	84.06619	-52.64504	106.80000	-0.08765	106.78	-11.718E-12	-156.92E-6	3.1384E-9
1	Grid	86.06137	-52.64504	106.80000	-0.08579	106.78	-10.777E-12	-149.34E-6	2.9868E-9
1	Grid	88.05655	-52.64504	106.80000	-0.08350	106.78	-9.9214E-12	-142.20E-6	2.8440E-9
1	Grid	90.05173	-52.64504	106.80000	-0.08098	106.78	-9.1420E-12	-135.48E-6	2.7096E-9
1	Grid	92.04691	-52.64504	106.80000	-0.07815	106.78	-8.4346E-12	-129.14E-6	2.5829E-9
1	Grid	94.04209	-52.64504	106.80000	-0.07504	106.78	-7.7871E-12	-123.18E-6	2.4635E-9
1	Grid	96.03727	-52.64504	106.80000	-0.07167	106.78	-7.1969E-12	-117.55E-6	2.3509E-9
1	Grid	98.03245	-52.64504	106.80000	-0.06803	106.78	-6.6567E-12	-112.23E-6	2.2446E-9
1	Grid	100.02763	-52.64504	106.80000	-0.06420	106.78	-6.1624E-12	-107.22E-6	2.1443E-9
1	Grid	102.02281	-52.64504	106.80000	-0.06019	106.78	-5.7114E-12	-102.48E-6	2.0496E-9
1	Grid	104.01799	-52.64504	106.80000	-0.05604	106.78	-5.3004E-12	-98.002E-6	1.9600E-9
1	Grid	106.01317	-52.64504	106.80000	-0.05179	106.78	-4.9181E-12	-93.767E-6	1.8753E-9
1	Grid	108.00835	-52.64504	106.80000	-0.04749	106.78	-4.5690E-12	-89.762E-6	1.7952E-9
1	Grid	110.00353	-52.64504	106.80000	-0.04317	106.78	-4.2513E-12	-85.970E-6	1.7194E-9
1	Grid	111.99871	-52.64504	106.80000	-0.03887	106.78	-3.9555E-12	-82.378E-6	1.6476E-9
1	Grid	113.99389	-52.64504	106.80000	-0.03462	106.78	-3.6864E-12	-78.975E-6	1.5795E-9
1	Grid	115.98906	-52.64504	106.80000	-0.03044	106.78	-3.4331E-12	-75.749E-6	1.5150E-9
1	Grid	117.98424	-52.64504	106.80000	-0.02638	106.78	-3.2048E-12	-72.688E-6	1.4538E-9
1	Grid	119.97942	-52.64504	106.80000	-0.02244	106.78	-2.9943E-12	-69.783E-6	1.3957E-9
1									



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	-93.50482	-50.77029	106.80000	0.01113	106.78	-12.553E-12	-164.17E-6	3.2833E-9
1	Grid	-91.50964	-50.77029	106.80000	0.00949	106.78	-13.672E-12	-172.72E-6	3.4544E-9
1	Grid	-89.51446	-50.77029	106.80000	0.00762	106.78	-14.908E-12	-181.82E-6	3.6365E-9
1	Grid	-87.51928	-50.77029	106.80000	0.00551	106.78	-16.272E-12	-191.52E-6	3.8303E-9
1	Grid	-85.52410	-50.77029	106.80000	0.00312	106.78	-17.778E-12	-201.84E-6	4.0368E-9
1	Grid	-83.52892	-50.77029	106.80000	-0.00044	106.78	-19.442E-12	-212.84E-6	4.2567E-9
1	Grid	-81.53374	-50.77029	106.80000	-0.00258	106.78	-21.285E-12	-224.56E-6	4.4912E-9
1	Grid	-79.53856	-50.77029	106.80000	-0.00596	106.78	-23.323E-12	-237.06E-6	4.7411E-9
1	Grid	-77.54338	-50.77029	106.80000	-0.00974	106.78	-25.581E-12	-250.38E-6	5.0077E-9
1	Grid	-75.54820	-50.77029	106.80000	-0.01395	106.78	-28.086E-12	-264.60E-6	5.2920E-9
1	Grid	-73.55302	-50.77029	106.80000	-0.01863	106.78	-30.865E-12	-279.77E-6	5.5953E-9
1	Grid	-71.55784	-50.77029	106.80000	-0.02382	106.78	-33.948E-12	-295.95E-6	5.9189E-9
1	Grid	-69.56266	-50.77029	106.80000	-0.02958	106.78	-37.373E-12	-313.21E-6	6.2642E-9
1	Grid	-67.56748	-50.77029	106.80000	-0.03594	106.78	-41.180E-12	-331.62E-6	6.6325E-9
1	Grid	-65.57230	-50.77029	106.80000	-0.04296	106.78	-45.412E-12	-351.27E-6	7.0254E-9
1	Grid	-63.57712	-50.77029	106.80000	-0.05069	106.78	-50.117E-12	-372.22E-6	7.4444E-9
1	Grid	-61.58194	-50.77029	106.80000	-0.05916	106.78	-55.352E-12	-394.55E-6	7.8910E-9
1	Grid	-59.58676	-50.77029	106.80000	-0.06844	106.78	-61.170E-12	-418.34E-6	8.3669E-9
1	Grid	-57.59158	-50.77029	106.80000	-0.07858	106.78	-67.638E-12	-443.68E-6	8.8736E-9
1	Grid	-55.59640	-50.77029	106.80000	-0.08962	106.78	-74.835E-12	-470.63E-6	9.4126E-9
1	Grid	-53.60122	-50.77029	106.80000	-0.10167	106.78	-82.824E-12	-499.28E-6	9.9856E-9
1	Grid	-51.60604	-50.77029	106.80000	-0.11460	106.78	-91.701E-12	-529.69E-6	10.594E-9
1	Grid	-49.61086	-50.77029	106.80000	-0.12860	106.78	-101.54E-12	-561.93E-6	11.239E-9
1	Grid	-47.61568	-50.77029	106.80000	-0.14365	106.78	-112.46E-12	-596.04E-6	11.921E-9
1	Grid	-45.62050	-50.77029	106.80000	-0.15974	106.78	-124.53E-12	-632.07E-6	12.641E-9
1	Grid	-43.62532	-50.77029	106.80000	-0.17679	106.78	-137.84E-12	-670.32E-6	13.400E-9
1	Grid	-41.63014	-50.77029	106.80000	-0.19502	106.78	-152.55E-12	-709.91E-6	14.198E-9
1	Grid	-39.63496	-50.77029	106.80000	-0.21413	106.78	-168.70E-12	-751.68E-6	15.034E-9
1	Grid	-37.63978	-50.77029	106.80000	-0.23411	106.78	-186.37E-12	-795.27E-6	15.905E-9
1	Grid	-35.64460	-50.77029	106.80000	-0.25487	106.78	-205.65E-12	-840.55E-6	16.811E-9
1	Grid	-33.64942	-50.77029	106.80000	-0.27629	106.78	-226.57E-12	-887.36E-6	17.747E-9
1	Grid	-31.65424	-50.77029	106.80000	-0.29812	106.78	-249.14E-12	-935.46E-6	18.709E-9
1	Grid	-29.65906	-50.77029	106.80000	-0.32024	106.78	-273.31E-12	-984.54E-6	19.691E-9
1	Grid	-27.66388	-50.77029	106.80000	-0.34239	106.78	-298.98E-12	-0.0010342	20.684E-9
1	Grid	-25.66871	-50.77029	106.80000	-0.36430	106.78	-325.94E-12	-0.0010840	21.680E-9
1	Grid	-23.67353	-50.77029	106.80000	-0.38727	106.78	-353.94E-12	-0.0011334	22.668E-9
1	Grid	-21.67835	-50.77029	106.80000	-0.40634	106.78	-382.55E-12	-0.0011816	23.633E-9
1	Grid	-19.68317	-50.77029	106.80000	-0.42587	106.78	-411.28E-12	-0.0012281	24.561E-9
1	Grid	-17.68799	-50.77029	106.80000	-0.44404	106.78	-439.48E-12	-0.0012718	25.436E-9
1	Grid	-15.69281	-50.77029	106.80000	-0.46056	106.78	-466.43E-12	-0.0013121	26.241E-9
1	Grid	-13.69763	-50.77029	106.80000	-0.47627	106.78	-491.31E-12	-0.0013479	26.957E-9
1	Grid	-11.70245	-50.77029	106.80000	-0.48768	106.78	-513.26E-12	-0.0013784	27.568E-9
1	Grid	-9.70727	-50.77029	106.80000	-0.49785	106.78	-531.46E-12	-0.0014028	28.056E-9
1	Grid	-7.71209	-50.77029	106.80000	-0.50555	106.78	-545.14E-12	-0.0014204	28.408E-9
1	Grid	-5.71691	-50.77029	106.80000	-0.51067	106.78	-553.69E-12	-0.0014307	28.614E-9
1	Grid	-3.72173	-50.77029	106.80000	-0.51314	106.78	-556.70E-12	-0.0014362	28.665E-9
1	Grid	-1.72655	-50.77029	106.80000	-0.51293	106.78	-553.99E-12	-0.0014280	28.560E-9
1	Grid	0.26863	-50.77029	106.80000	-0.51009	106.78	-545.66E-12	-0.0014151	28.301E-9
1	Grid	2.26381	-50.77029	106.80000	-0.50468	106.78	-532.04E-12	-0.0013947	27.895E-9
1	Grid	4.25899	-50.77029	106.80000	-0.49683	106.78	-513.70E-12	-0.0013676	27.351E-9
1	Grid	6.25417	-50.77029	106.80000	-0.48543	106.78	-489.36E-12	-0.0013343	26.685E-9
1	Grid	8.24935	-50.77029	106.80000	-0.47447	106.78	-465.87E-12	-0.0012957	25.913E-9
1	Grid	10.24453	-50.77029	106.80000	-0.46037	106.78	-438.11E-12	-0.0012527	25.054E-9
1	Grid	12.23971	-50.77029	106.80000	-0.44466	106.78	-408.94E-12	-0.0012063	24.125E-9
1	Grid	14.23489	-50.77029	106.80000	-0.42760	106.78	-379.17E-12	-0.0011573	23.146E-9
1	Grid	16.23007	-50.77029	106.80000	-0.40945	106.78	-349.50E-12	-0.0011053	22.105E-9
1	Grid	18.22525	-50.77029	106.80000	-0.39050	106.78	-320.49E-12	-0.0010553	21.055E-9
1	Grid	20.22043	-50.77029	106.80000	-0.37101	106.78	-292.59E-12	-0.0010036	20.073E-9
1	Grid	22.21561	-50.77029	106.80000	-0.35126	106.78	-266.12E-12	-952.42E-6	19.048E-9
1	Grid	24.21079	-50.77029	106.80000	-0.33148	106.78	-241.31E-12	-902.13E-6	18.043E-9
1	Grid	26.20597	-50.77029	106.80000	-0.31191	106.78	-218.25E-12	-853.14E-6	17.036E-9
1	Grid	28.20115	-50.77029	106.80000	-0.29275	106.78	-197.01E-12	-805.74E-6	16.115E-9
1	Grid	30.19633	-50.77029	106.80000	-0.27419	106.78	-177.57E-12	-760.17E-6	15.203E-9
1	Grid	32.19151	-50.77029	106.80000	-0.25640	106.78	-159.86E-12	-716.56E-6	14.331E-9
1	Grid	34.18669	-50.77029	106.80000	-0.23950	106.78	-143.81E-12	-675.02E-6	13.500E-9
1	Grid	36.18187	-50.77029	106.80000	-0.22367	106.78	-129.31E-12	-635.58E-6	12.712E-9
1	Grid	38.17705	-50.77029	106.80000	-0.20880	106.78	-116.24E-12	-598.25E-6	11.965E-9
1	Grid	40.17223	-50.77029	106.80000	-0.19514	106.78	-104.50E-12	-563.00E-6	11.260E-9
1	Grid	42.16741	-50.77029	106.80000	-0.18265	106.78	-93.970E-12	-529.80E-6	10.596E-9
1	Grid	44.16259	-50.77029	106.80000	-0.17136	106.78	-84.528E-12	-498.57E-6	9.9714E-9
1	Grid	46.15777	-50.77029	106.80000	-0.16125	106.78	-76.074E-12	-469.24E-6	9.3848E-9
1	Grid	48.15295	-50.77029	106.80000	-0.15229	106.78	-68.510E-12	-441.73E-6	8.8346E-9
1	Grid	50.14813	-50.77029	106.80000	-0.14446	106.78	-61.743E-12	-415.94E-6	8.3188E-9
1	Grid	52.14331	-50.77029	106.80000	-0.13769	106.78	-55.684E-12	-391.79E-6	7.8358E-9
1	Grid	54.13849	-50.77029	106.80000	-0.13192	106.78	-50.269E-12	-369.19E-6	7.3837E-9
1	Grid	56.13367	-50.77029	106.80000	-0.12708	106.78	-45.422E-12	-348.03E-6	6.9606E-9
1	Grid	58.12885	-50.77029	106.80000	-0.12308	106.78	-41.083E-12	-328.24E-6	6.5648E-9
1	Grid	60.12403	-50.77029	106.80000	-0.11983	106.78	-37.194E-12	-309.73E-6	6.1946E-9
1	Grid	62.11921	-50.77029	106.80000	-0.11724	106.78	-33.708E-12	-292.42E-6	5.8483E-9
1	Grid	64.11439	-50.77029	106.80000	-0.11520	106.78	-30.584E-12	-276.22E-6	5.5244E-9
1	Grid	66.10957	-50.77029	106.80000	-0.11362	106.78	-27.777E-12	-261.07E-6	5.2233E-9
1	Grid	68.10475	-50.77029	106.80000	-0.11238	106.78	-25.256E-12	-246.89E-6	4.9377E-9
1	Grid	70.09993	-50.77029	106.80000	-0.11139	106.78	-22.991E-12	-233.61E-6	4.6723E-9
1	Grid	72.09511	-50.77029	106.80000	-0.11054	106.78	-20.949E-12	-221.18E-6	4.4237E-9
1	Grid	74.09029	-50.77029	106.80000	-0.10975	106.78	-19.115E-12	-209.54E-6	4.1909E-9
1	Grid	76.08547	-50.77029	106.80000	-0.10902	106.78	-17.455E-12	-198.63E-6	3.9727E-9
1	Grid	78.08065	-50.77029	106.80000	-0.10794	106.78	-15.961E-12	-188.41E-6	3.7681E-9
1	Grid	80.07583	-50.77029	106.80000	-0.10677	106.78	-14.608E-12	-178.82E-6	3.5763E-9
1	Grid	82.07101	-50.77029	106.80000	-0.10534	106.78	-13.385E-12	-169.81E-6	3.3963E-9
1	Grid	84.06619	-50.77029	106.80000	-0.10361	106.78	-12.278E-12	-161.36E-6	3.2273E-9
1	Grid	86.06137	-50.77029	106.80000	-0.10152	106.78	-11.276E-12	-153.43E-6	3.0685E-9
1	Grid	88.05655	-50.77029	106.80000	-0.09907	106.78	-10.363E-12	-145.97E-6	2.9193E-9
1	Grid	90.05173	-50.77029	106.80000	-0.09625	106.78	-9.5397E-12	-138.95E-6	2.7790E-9
1	Grid	92.04691	-50.77029	106.80000	-0.09305	106.78	-8.7863E-12	-132.35E-6	2.6470E-9
1	Grid	94.04209	-50.77029	106.80000	-0.08949	106.78	-8.1022E-12	-126.14E-6	2.5227E-9
1	Grid	96.03727	-50.77029	106.80000	-0.08561	106.78	-7.4767E-12	-120.20E-6	2.4057E-9
1	Grid	98.03245	-50.77029	106.80000	-0.08143	106.78	-6.9071E-12	-114.77E-6	2.2953E-9
1	Grid	100.02763	-50.77029	106.80000	-0.07699	106.78	-6.3902E-12	-109.57E-6	2.1913E-9
1									

Highgate Junior School Sports Hall Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [μ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	165.86856	-50.77029	106.80000	0.02219	106.78	0.0	-30.817E-6	616.34E-12
1	Grid	167.86374	-50.77029	106.80000	0.02267	106.78	0.0	-29.848E-6	596.96E-12
1	Grid	169.85892	-50.77029	106.80000	0.02307	106.78	0.0	-28.919E-6	578.37E-12
1	Grid	171.85410	-50.77029	106.80000	0.02340	106.78	0.0	-28.026E-6	560.53E-12
1	Grid	173.84928	-50.77029	106.80000	0.02366	106.78	0.0	-27.170E-6	543.40E-12
1	Grid	175.84446	-50.77029	106.80000	0.02386	106.78	0.0	-26.347E-6	526.95E-12
1	Grid	177.83964	-50.77029	106.80000	0.02401	106.78	0.0	-25.557E-6	511.14E-12
1	Grid	179.83482	-50.77029	106.80000	0.02410	106.78	0.0	-24.798E-6	495.95E-12
1	Grid	181.83000	-50.77029	106.80000	0.02415	106.78	0.0	-24.067E-6	481.35E-12
1	Grid	-95.50000	-48.89554	106.80000	0.01189	106.78	-12.073E-12	-160.42E-6	3.2084E-9
1	Grid	-93.50482	-48.89554	106.80000	0.01034	106.78	-13.158E-12	-168.84E-6	3.3768E-9
1	Grid	-91.50964	-48.89554	106.80000	0.00856	106.78	-14.356E-12	-177.81E-6	3.5561E-9
1	Grid	-89.51446	-48.89554	106.80000	0.00655	106.78	-15.681E-12	-187.37E-6	3.7473E-9
1	Grid	-87.51928	-48.89554	106.80000	0.00426	106.78	-17.143E-12	-197.56E-6	3.9512E-9
1	Grid	-85.52410	-48.89554	106.80000	0.00168	106.78	-18.766E-12	-208.44E-6	4.1688E-9
1	Grid	-83.52928	-48.89554	106.80000	-0.00123	106.78	-20.564E-12	-220.05E-6	4.4010E-9
1	Grid	-81.53374	-48.89554	106.80000	-0.00450	106.78	-22.556E-12	-232.45E-6	4.6490E-9
1	Grid	-79.53856	-48.89554	106.80000	-0.00817	106.78	-24.770E-12	-245.70E-6	4.9140E-9
1	Grid	-77.54338	-48.89554	106.80000	-0.01227	106.78	-27.230E-12	-259.86E-6	5.1971E-9
1	Grid	-75.54820	-48.89554	106.80000	-0.01685	106.78	-29.965E-12	-274.99E-6	5.4998E-9
1	Grid	-73.55302	-48.89554	106.80000	-0.02162	106.78	-33.012E-12	-291.17E-6	5.8234E-9
1	Grid	-71.55784	-48.89554	106.80000	-0.02762	106.78	-36.400E-12	-308.48E-6	6.1696E-9
1	Grid	-69.56266	-48.89554	106.80000	-0.03392	106.78	-40.185E-12	-326.99E-6	6.5398E-9
1	Grid	-67.56748	-48.89554	106.80000	-0.04089	106.78	-44.402E-12	-346.79E-6	6.9359E-9
1	Grid	-65.57230	-48.89554	106.80000	-0.04860	106.78	-49.107E-12	-367.98E-6	7.3595E-9
1	Grid	-63.57712	-48.89554	106.80000	-0.05712	106.78	-54.364E-12	-390.63E-6	7.8126E-9
1	Grid	-61.58194	-48.89554	106.80000	-0.06645	106.78	-60.232E-12	-414.86E-6	8.2971E-9
1	Grid	-59.58676	-48.89554	106.80000	-0.07672	106.78	-66.791E-12	-440.75E-6	8.8150E-9
1	Grid	-57.59158	-48.89554	106.80000	-0.08798	106.78	-74.121E-12	-468.41E-6	9.3682E-9
1	Grid	-55.59640	-48.89554	106.80000	-0.10027	106.78	-82.307E-12	-497.95E-6	9.9589E-9
1	Grid	-53.60122	-48.89554	106.80000	-0.11365	106.78	-91.452E-12	-529.45E-6	10.5899E-9
1	Grid	-51.60604	-48.89554	106.80000	-0.12821	106.78	-101.66E-12	-563.03E-6	11.2619E-9
1	Grid	-49.61086	-48.89554	106.80000	-0.14396	106.78	-113.06E-12	-598.76E-6	11.975E-9
1	Grid	-47.61568	-48.89554	106.80000	-0.16093	106.78	-125.77E-12	-636.73E-6	12.735E-9
1	Grid	-45.62050	-48.89554	106.80000	-0.17917	106.78	-139.91E-12	-677.02E-6	13.540E-9
1	Grid	-43.62532	-48.89554	106.80000	-0.19869	106.78	-155.65E-12	-719.66E-6	14.393E-9
1	Grid	-41.63014	-48.89554	106.80000	-0.21937	106.78	-173.11E-12	-764.67E-6	15.293E-9
1	Grid	-39.63496	-48.89554	106.80000	-0.24127	106.78	-192.44E-12	-812.07E-6	16.241E-9
1	Grid	-37.63978	-48.89554	106.80000	-0.26428	106.78	-213.78E-12	-861.78E-6	17.236E-9
1	Grid	-35.64460	-48.89554	106.80000	-0.28827	106.78	-237.25E-12	-913.71E-6	18.274E-9
1	Grid	-33.64942	-48.89554	106.80000	-0.31308	106.78	-262.95E-12	-967.70E-6	19.359E-9
1	Grid	-31.65424	-48.89554	106.80000	-0.33853	106.78	-290.93E-12	-10001235	20.470E-9
1	Grid	-29.65906	-48.89554	106.80000	-0.36437	106.78	-321.19E-12	-0.0010808	21.616E-9
1	Grid	-27.66388	-48.89554	106.80000	-0.39032	106.78	-353.64E-12	-0.0011392	22.784E-9
1	Grid	-25.66871	-48.89554	106.80000	-0.41608	106.78	-388.10E-12	-0.0011981	23.962E-9
1	Grid	-23.67353	-48.89554	106.80000	-0.44140	106.78	-424.23E-12	-0.0012618	25.139E-9
1	Grid	-21.67835	-48.89554	106.80000	-0.46564	106.78	-461.57E-12	-0.0013147	26.295E-9
1	Grid	-19.68317	-48.89554	106.80000	-0.48875	106.78	-499.45E-12	-0.0013708	27.415E-9
1	Grid	-17.68799	-48.89554	106.80000	-0.51026	106.78	-537.02E-12	-0.0014239	28.479E-9
1	Grid	-15.69281	-48.89554	106.80000	-0.52984	106.78	-573.26E-12	-0.0014731	29.462E-9
1	Grid	-13.69763	-48.89554	106.80000	-0.54788	106.78	-607.03E-12	-0.0015172	30.343E-9
1	Grid	-11.70245	-48.89554	106.80000	-0.56200	106.78	-637.09E-12	-0.0015549	31.098E-9
1	Grid	-9.70727	-48.89554	106.80000	-0.57406	106.78	-662.19E-12	-0.0015853	31.706E-9
1	Grid	-7.71209	-48.89554	106.80000	-0.58317	106.78	-681.22E-12	-0.0016074	32.147E-9
1	Grid	-5.71691	-48.89554	106.80000	-0.58921	106.78	-693.22E-12	-0.0016204	32.407E-9
1	Grid	-3.72173	-48.89554	106.80000	-0.59208	106.78	-697.58E-12	-0.0016278	32.476E-9
1	Grid	-1.72655	-48.89554	106.80000	-0.59177	106.78	-694.02E-12	-0.0016175	32.351E-9
1	Grid	0.26863	-48.89554	106.80000	-0.58832	106.78	-682.67E-12	-0.0016017	32.033E-9
1	Grid	2.26381	-48.89554	106.80000	-0.58181	106.78	-664.04E-12	-0.0015766	31.533E-9
1	Grid	4.25899	-48.89554	106.80000	-0.57239	106.78	-638.97E-12	-0.0015432	30.864E-9
1	Grid	6.25417	-48.89554	106.80000	-0.56027	106.78	-608.56E-12	-0.0015023	30.046E-9
1	Grid	8.24935	-48.89554	106.80000	-0.54567	106.78	-574.05E-12	-0.0014551	29.102E-9
1	Grid	10.24453	-48.89554	106.80000	-0.52889	106.78	-536.75E-12	-0.0014027	28.054E-9
1	Grid	12.23971	-48.89554	106.80000	-0.51021	106.78	-497.88E-12	-0.0013465	26.929E-9
1	Grid	14.23489	-48.89554	106.80000	-0.48997	106.78	-458.56E-12	-0.0012875	25.750E-9
1	Grid	16.23007	-48.89554	106.80000	-0.46849	106.78	-419.76E-12	-0.0012269	24.518E-9
1	Grid	18.22525	-48.89554	106.80000	-0.44612	106.78	-382.21E-12	-0.0011656	23.313E-9
1	Grid	20.22043	-48.89554	106.80000	-0.42316	106.78	-346.47E-12	-0.0011046	22.092E-9
1	Grid	22.21561	-48.89554	106.80000	-0.39995	106.78	-312.92E-12	-0.0010445	20.889E-9
1	Grid	24.21079	-48.89554	106.80000	-0.37677	106.78	-281.79E-12	-985.76E-6	19.715E-9
1	Grid	26.20597	-48.89554	106.80000	-0.35390	106.78	-253.16E-12	-928.96E-6	18.579E-9
1	Grid	28.20115	-48.89554	106.80000	-0.33158	106.78	-227.05E-12	-874.35E-6	17.487E-9
1	Grid	30.19633	-48.89554	106.80000	-0.31003	106.78	-203.36E-12	-822.16E-6	16.443E-9
1	Grid	32.19151	-48.89554	106.80000	-0.28943	106.78	-181.99E-12	-772.51E-6	15.450E-9
1	Grid	34.18669	-48.89554	106.80000	-0.26995	106.78	-162.78E-12	-725.48E-6	14.510E-9
1	Grid	36.18187	-48.89554	106.80000	-0.25169	106.78	-145.57E-12	-681.61E-6	13.612E-9
1	Grid	38.17705	-48.89554	106.80000	-0.23475	106.78	-130.19E-12	-639.24E-6	12.785E-9
1	Grid	40.17223	-48.89554	106.80000	-0.21919	106.78	-116.47E-12	-599.94E-6	11.999E-9
1	Grid	42.16741	-48.89554	106.80000	-0.20505	106.78	-104.24E-12	-563.09E-6	11.262E-9
1	Grid	44.16259	-48.89554	106.80000	-0.19232	106.78	-93.355E-12	-528.58E-6	10.572E-9
1	Grid	46.15777	-48.89554	106.80000	-0.18100	106.78	-83.666E-12	-496.31E-6	9.926E-9
1	Grid	48.15295	-48.89554	106.80000	-0.17105	106.78	-75.047E-12	-466.16E-6	9.323E-9
1	Grid	50.14813	-48.89554	106.80000	-0.16242	106.78	-67.379E-12	-438.00E-6	8.7601E-9
1	Grid	52.14331	-48.89554	106.80000	-0.15503	106.78	-60.555E-12	-411.73E-6	8.2345E-9
1	Grid	54.13849	-48.89554	106.80000	-0.14882	106.78	-54.478E-12	-387.21E-6	7.7443E-9
1	Grid	56.13367	-48.89554	106.80000	-0.14361	106.78	-49.068E-12	-364.35E-6	7.2810E-9
1	Grid	58.12885	-48.89554	106.80000	-0.13952	106.78	-44.243E-12	-343.03E-6	6.8605E-9
1	Grid	60.12403	-48.89554	106.80000	-0.13623	106.78	-39.943E-12	-323.14E-6	6.4628E-9
1	Grid	62.11921	-48.89554	106.80000	-0.13369	106.78	-36.099E-12	-304.59E-6	6.0917E-9
1	Grid	64.11439	-48.89554	106.80000	-0.13179	106.78	-32.667E-12	-287.28E-6	5.7455E-9
1	Grid	66.10957	-48.89554	106.80000	-0.13040	106.78	-29.597E-12	-271.12E-6	5.4224E-9
1	Grid	68.10475	-48.89554	106.80000	-0.12940	106.78	-26.849E-12	-256.04E-6	5.1208E-9
1	Grid	70.09993	-48.89554	106.80000	-0.12867	106.78	-24.384E-12	-241.96E-6	4.8391E-9
1	Grid	72.09511	-48.89554	106.80000	-0.12809	106.78	-22.173E-12	-228.80E-6	4.5759E-9
1	Grid	74.09029	-48.89554	106.80000	-0.12753	106.78	-20.189E-12	-216.49E-6	4.3299E-9
1	Grid	76.08547	-48.89554	106.80000	-0.12704	106.78	-18.403E-12	-204.43E-6	4.0998E-9
1	Grid	78.08065	-48.89554	106.80000	-0.12609	106.78	-16.795E-12	-194.22E-6	3.8845E-9
1	Grid	80.07583	-48.89554	106.80000					

Oasys
Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
1	Grid	145.91676	-48.89554	106.80000	0.00966	106.78	-1.3649E-12	-63.689E-6	873.78E-12
1	Grid	147.91194	-48.89554	106.80000	0.01157	106.78	-1.2863E-12	-42.161E-6	843.22E-12
1	Grid	149.90712	-48.89554	106.80000	0.01330	106.78	-1.2130E-12	-40.702E-6	814.03E-12
1	Grid	151.90230	-48.89554	106.80000	0.01485	106.78	-1.1438E-12	-39.307E-6	786.14E-12
1	Grid	153.89748	-48.89554	106.80000	0.01625	106.78	-1.0805E-12	-37.974E-6	759.49E-12
1	Grid	155.89266	-48.89554	106.80000	0.01749	106.78	-1.0172E-12	-36.700E-6	733.99E-12
1	Grid	157.88784	-48.89554	106.80000	0.01860	106.78	0.0	-35.480E-6	709.61E-12
1	Grid	159.88302	-48.89554	106.80000	0.01957	106.78	0.0	-34.313E-6	686.26E-12
1	Grid	161.87820	-48.89554	106.80000	0.02043	106.78	0.0	-33.196E-6	663.91E-12
1	Grid	163.87338	-48.89554	106.80000	0.02117	106.78	0.0	-32.125E-6	642.50E-12
1	Grid	165.86856	-48.89554	106.80000	0.02182	106.78	0.0	-31.099E-6	621.99E-12
1	Grid	167.86374	-48.89554	106.80000	0.02237	106.78	0.0	-30.116E-6	602.32E-12
1	Grid	169.85892	-48.89554	106.80000	0.02283	106.78	0.0	-29.173E-6	583.45E-12
1	Grid	171.85410	-48.89554	106.80000	0.02321	106.78	0.0	-28.268E-6	565.35E-12
1	Grid	173.84928	-48.89554	106.80000	0.02352	106.78	0.0	-27.399E-6	547.98E-12
1	Grid	175.84446	-48.89554	106.80000	0.02376	106.78	0.0	-26.565E-6	531.30E-12
1	Grid	177.83964	-48.89554	106.80000	0.02395	106.78	0.0	-25.764E-6	515.28E-12
1	Grid	179.83482	-48.89554	106.80000	0.02408	106.78	0.0	-24.994E-6	499.88E-12
1	Grid	181.83000	-48.89554	106.80000	0.02416	106.78	0.0	-24.254E-6	485.09E-12
1	Grid	-95.50000	-47.02079	106.80000	0.01119	106.78	-12.625E-12	-164.75E-6	3.2950E-9
1	Grid	-93.60482	-47.02079	106.80000	-0.03057	106.78	-13.784E-12	-173.568E-6	-4.4711E-9
1	Grid	-91.50964	-47.02079	106.80000	0.00760	106.78	-15.061E-12	-182.95E-6	3.6591E-9
1	Grid	-89.51446	-47.02079	106.80000	0.00543	106.78	-16.477E-12	-192.98E-6	3.8597E-9
1	Grid	-87.51928	-47.02079	106.80000	0.00297	106.78	-18.048E-12	-203.70E-6	4.0740E-9
1	Grid	-85.52410	-47.02079	106.80000	0.00018	106.78	-19.794E-12	-215.15E-6	4.3031E-9
1	Grid	-83.52892	-47.02079	106.80000	-0.00297	106.78	-21.730E-12	-227.40E-6	4.5415E-9
1	Grid	-81.53374	-47.02079	106.80000	-0.00650	106.78	-23.886E-12	-240.51E-6	4.8102E-9
1	Grid	-79.53856	-47.02079	106.80000	-0.01046	106.78	-26.288E-12	-254.54E-6	5.0908E-9
1	Grid	-77.54338	-47.02079	106.80000	-0.01491	106.78	-28.963E-12	-269.57E-6	5.3913E-9
1	Grid	-75.54820	-47.02079	106.80000	-0.01988	106.78	-31.948E-12	-285.67E-6	5.7133E-9
1	Grid	-73.55302	-47.02079	106.80000	-0.02542	106.78	-35.280E-12	-302.92E-6	6.0584E-9
1	Grid	-71.55784	-47.02079	106.80000	-0.03160	106.78	-39.009E-12	-321.42E-6	6.4284E-9
1	Grid	-69.56266	-47.02079	106.80000	-0.03847	106.78	-43.177E-12	-341.26E-6	6.8253E-9
1	Grid	-67.56748	-47.02079	106.80000	-0.04609	106.78	-47.846E-12	-362.54E-6	7.2509E-9
1	Grid	-65.57230	-47.02079	106.80000	-0.05453	106.78	-53.080E-12	-385.37E-6	7.7074E-9
1	Grid	-63.57712	-47.02079	106.80000	-0.06387	106.78	-58.948E-12	-409.84E-6	8.1972E-9
1	Grid	-61.58194	-47.02079	106.80000	-0.07417	106.78	-65.529E-12	-436.13E-6	8.7225E-9
1	Grid	-59.58676	-47.02079	106.80000	-0.08552	106.78	-72.918E-12	-464.30E-6	9.2859E-9
1	Grid	-57.59158	-47.02079	106.80000	-0.09798	106.78	-81.214E-12	-494.49E-6	9.8899E-9
1	Grid	-55.59640	-47.02079	106.80000	-0.11164	106.78	-90.530E-12	-526.85E-6	10.537E-9
1	Grid	-53.60122	-47.02079	106.80000	-0.12657	106.78	-101.00E-12	-561.50E-6	11.230E-9
1	Grid	-51.60604	-47.02079	106.80000	-0.14285	106.78	-112.75E-12	-598.57E-6	11.971E-9
1	Grid	-49.61086	-47.02079	106.80000	-0.16053	106.78	-125.94E-12	-638.19E-6	12.764E-9
1	Grid	-47.61568	-47.02079	106.80000	-0.17967	106.78	-140.74E-12	-680.48E-6	13.610E-9
1	Grid	-45.62050	-47.02079	106.80000	-0.20031	106.78	-157.34E-12	-725.55E-6	14.511E-9
1	Grid	-43.62532	-47.02079	106.80000	-0.22249	106.78	-175.93E-12	-773.49E-6	15.454E-9
1	Grid	-41.63014	-47.02079	106.80000	-0.24612	106.78	-196.71E-12	-824.36E-6	16.487E-9
1	Grid	-39.63496	-47.02079	106.80000	-0.27123	106.78	-219.91E-12	-878.19E-6	17.564E-9
1	Grid	-37.63978	-47.02079	106.80000	-0.29772	106.78	-245.74E-12	-934.98E-6	18.700E-9
1	Grid	-35.64460	-47.02079	106.80000	-0.32547	106.78	-274.39E-12	-994.66E-6	19.893E-9
1	Grid	-33.64942	-47.02079	106.80000	-0.35480	106.78	-306.07E-12	-1060.05E-6	21.142E-9
1	Grid	-31.65424	-47.02079	106.80000	-0.38397	106.78	-340.90E-12	-1031.22E-6	22.441E-9
1	Grid	-29.65906	-47.02079	106.80000	-0.41422	106.78	-378.98E-12	-1001.89E-6	23.784E-9
1	Grid	-27.66388	-47.02079	106.80000	-0.44471	106.78	-420.26E-12	-1001.25E-6	25.161E-9
1	Grid	-25.66871	-47.02079	106.80000	-0.47505	106.78	-464.60E-12	-1001.32E-6	26.561E-9
1	Grid	-23.67353	-47.02079	106.80000	-0.50595	106.78	-511.64E-12	-1001.03E-6	27.982E-9
1	Grid	-21.67835	-47.02079	106.80000	-0.53368	106.78	-560.82E-12	-1001.46E-6	29.364E-9
1	Grid	-19.68317	-47.02079	106.80000	-0.56108	106.78	-611.31E-12	-1001.53E-6	30.726E-9
1	Grid	-17.68799	-47.02079	106.80000	-0.58663	106.78	-661.97E-12	-1001.601E-6	32.027E-9
1	Grid	-15.69281	-47.02079	106.80000	-0.60991	106.78	-711.39E-12	-1001.662E-6	33.241E-9
1	Grid	-13.69763	-47.02079	106.80000	-0.63057	106.78	-757.91E-12	-1001.716E-6	34.435E-9
1	Grid	-11.70245	-47.02079	106.80000	-0.64815	106.78	-799.72E-12	-1001.763E-6	35.279E-9
1	Grid	-9.70727	-47.02079	106.80000	-0.66249	106.78	-834.95E-12	-1001.802E-6	36.043E-9
1	Grid	-7.71209	-47.02079	106.80000	-0.67331	106.78	-861.87E-12	-1001.830E-6	36.603E-9
1	Grid	-5.71691	-47.02079	106.80000	-0.68044	106.78	-879.03E-12	-1001.848E-6	36.936E-9
1	Grid	-3.72173	-47.02079	106.80000	-0.68400	106.78	-885.46E-12	-1001.854E-6	37.029E-9
1	Grid	-1.72655	-47.02079	106.80000	-0.68333	106.78	-880.70E-12	-1001.843E-6	36.877E-9
1	Grid	0.26863	-47.02079	106.80000	-0.67911	106.78	-864.95E-12	-1001.824E-6	36.483E-9
1	Grid	2.26381	-47.02079	106.80000	-0.67125	106.78	-839.00E-12	-1001.793E-6	35.861E-9
1	Grid	4.25899	-47.02079	106.80000	-0.65992	106.78	-804.15E-12	-1001.751E-6	35.029E-9
1	Grid	6.25917	-47.02079	106.80000	-0.64547	106.78	-762.06E-12	-1001.700E-6	34.015E-9
1	Grid	8.24935	-47.02079	106.80000	-0.62789	106.78	-714.63E-12	-1001.642E-6	32.848E-9
1	Grid	10.24453	-47.02079	106.80000	-0.60783	106.78	-663.77E-12	-1001.578E-6	31.561E-9
1	Grid	12.23971	-47.02079	106.80000	-0.58557	106.78	-611.28E-12	-1001.509E-6	30.186E-9
1	Grid	14.23489	-47.02079	106.80000	-0.56149	106.78	-558.75E-12	-1001.437E-6	28.754E-9
1	Grid	16.23007	-47.02079	106.80000	-0.53600	106.78	-507.47E-12	-1001.364E-6	27.293E-9
1	Grid	18.22525	-47.02079	106.80000	-0.50950	106.78	-458.42E-12	-1001.291E-6	25.827E-9
1	Grid	20.22043	-47.02079	106.80000	-0.48240	106.78	-412.29E-12	-1001.218E-6	24.376E-9
1	Grid	22.21561	-47.02079	106.80000	-0.45506	106.78	-369.49E-12	-1001.147E-6	22.957E-9
1	Grid	24.21079	-47.02079	106.80000	-0.42784	106.78	-330.21E-12	-1001.079E-6	21.583E-9
1	Grid	26.20597	-47.02079	106.80000	-0.40086	106.78	-294.51E-12	-1001.013E-6	20.262E-9
1	Grid	28.20115	-47.02079	106.80000	-0.37502	106.78	-262.27E-12	-950.02E-6	19.000E-9
1	Grid	30.19633	-47.02079	106.80000	-0.34995	106.78	-233.34E-12	-890.14E-6	17.803E-9
1	Grid	32.19151	-47.02079	106.80000	-0.32608	106.78	-207.49E-12	-833.53E-6	16.670E-9
1	Grid	34.18669	-47.02079	106.80000	-0.30358	106.78	-184.47E-12	-780.21E-6	15.604E-9
1	Grid	36.18187	-47.02079	106.80000	-0.28254	106.78	-164.02E-12	-730.15E-6	14.603E-9
1	Grid	38.17705	-47.02079	106.80000	-0.26320	106.78	-145.90E-12	-683.26E-6	13.665E-9
1	Grid	40.17223	-47.02079	106.80000	-0.24547	106.78	-129.85E-12	-639.43E-6	12.789E-9
1	Grid	42.16741	-47.02079	106.80000	-0.22945	106.78	-115.65E-12	-598.53E-6	11.971E-9
1	Grid	44.16259	-47.02079	106.80000	-0.21511	106.78	-103.10E-12	-560.40E-6	11.208E-9
1	Grid	46.15777	-47.02079	106.80000	-0.20245	106.78	-91.999E-12	-524.90E-6	10.498E-9
1	Grid	48.15295	-47.02079	106.80000	-0.19140	106.78	-82.186E-12	-491.86E-6	9.8372E-9
1	Grid	50.14813	-47.02079	106.80000	-0.18191	106.78	-73.502E-12	-461.13E-6	9.2226E-9
1	Grid	52.14331	-47.02079	106.80000	-0.17387	106.78	-65.817E-12	-432.56E-6	8.6512E-9
1	Grid	54.13849	-47.02079	106.80000	-0.16721	106.78	-59.007E-12	-405.99E-6	8.1199E-9
1	Grid	56.13367	-47.02079	106.80000	-0.16180	106.78	-52.973E-12	-381.30E-6	7.6259E-9
1	Grid	58.12885	-47.02079	106.80000	-0.15752	106.78	-47.619E-12	-358.33E-6	7.1667E-9
1	Grid	60.12403	-47.02079	106.80000	-0.15425	106.78	-42.862E-12	-336.98E-6	6.7396E-9
1	Grid	62.11921	-47.02079	106					



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]
1	Grid	125.96496	-47.02079	106.80000	-0.02748	106.78	-2.6359E-12	-64.696E-6	1.2939E-9
1	Grid	127.96014	-47.02079	106.80000	-0.02267	106.78	-2.4654E-12	-62.150E-6	1.2430E-9
1	Grid	129.95532	-47.02079	106.80000	-0.01816	106.78	-2.3068E-12	-59.732E-6	1.1946E-9
1	Grid	131.95050	-47.02079	106.80000	-0.01395	106.78	-2.1589E-12	-57.435E-6	1.1487E-9
1	Grid	133.94568	-47.02079	106.80000	-0.01003	106.78	-2.0230E-12	-55.250E-6	1.1050E-9
1	Grid	135.94086	-47.02079	106.80000	-0.00640	106.78	-1.8965E-12	-53.173E-6	1.0635E-9
1	Grid	137.93604	-47.02079	106.80000	-0.00305	106.78	-1.7812E-12	-51.195E-6	1.0239E-9
1	Grid	139.93122	-47.02079	106.80000	0.00003	106.78	-1.6727E-12	-49.312E-6	986.23E-12
1	Grid	141.92640	-47.02079	106.80000	0.00286	106.78	-1.5714E-12	-47.518E-6	950.35E-12
1	Grid	143.92158	-47.02079	106.80000	0.00544	106.78	-1.4788E-12	-45.807E-6	916.15E-12
1	Grid	145.91676	-47.02079	106.80000	0.00780	106.78	-1.3909E-12	-44.176E-6	883.53E-12
1	Grid	147.91194	-47.02079	106.80000	0.00993	106.78	-1.3116E-12	-42.620E-6	852.40E-12
1	Grid	149.90712	-47.02079	106.80000	0.01186	106.78	-1.2330E-12	-41.134E-6	822.69E-12
1	Grid	151.90230	-47.02079	106.80000	0.01360	106.78	-1.1637E-12	-39.716E-6	794.31E-12
1	Grid	153.89748	-47.02079	106.80000	0.01516	106.78	-1.0978E-12	-38.360E-6	767.20E-12
1	Grid	155.89266	-47.02079	106.80000	0.01656	106.78	-1.0352E-12	-37.064E-6	741.28E-12
1	Grid	157.88784	-47.02079	106.80000	0.01778	106.78	0.0	-35.825E-6	716.49E-12
1	Grid	159.88302	-47.02079	106.80000	0.01888	106.78	0.0	-34.639E-6	692.78E-12
1	Grid	161.87820	-47.02079	106.80000	0.01984	106.78	0.0	-33.504E-6	670.08E-12
1	Grid	163.87338	-47.02079	106.80000	0.02068	106.78	0.0	-32.417E-6	648.34E-12
1	Grid	165.86856	-47.02079	106.80000	0.02140	106.78	0.0	-31.376E-6	627.51E-12
1	Grid	167.86374	-47.02079	106.80000	0.02202	106.78	0.0	-30.378E-6	607.56E-12
1	Grid	169.85892	-47.02079	106.80000	0.02255	106.78	0.0	-29.421E-6	588.42E-12
1	Grid	171.85410	-47.02079	106.80000	0.02299	106.78	0.0	-28.503E-6	570.07E-12
1	Grid	173.84928	-47.02079	106.80000	0.02336	106.78	0.0	-27.623E-6	552.46E-12
1	Grid	175.84446	-47.02079	106.80000	0.02365	106.78	0.0	-26.774E-6	535.59E-12
1	Grid	177.83964	-47.02079	106.80000	0.02387	106.78	0.0	-25.966E-6	519.32E-12
1	Grid	179.83482	-47.02079	106.80000	0.02403	106.78	0.0	-25.186E-6	503.72E-12
1	Grid	181.83000	-47.02079	106.80000	0.02414	106.78	0.0	-24.437E-6	488.74E-12
1	Grid	-95.50000	-45.14604	106.80000	0.01047	106.78	-13.193E-12	-169.11E-6	3.3822E-9
1	Grid	-93.50518	-45.14604	106.80000	0.00806	106.78	-14.422E-12	-178.31E-6	3.5663E-9
1	Grid	-91.50964	-45.14604	106.80000	0.00662	106.78	-15.778E-12	-188.15E-6	3.7630E-9
1	Grid	-89.51446	-45.14604	106.80000	0.00428	106.78	-17.302E-12	-198.66E-6	3.9733E-9
1	Grid	-87.51928	-45.14604	106.80000	0.00163	106.78	-18.985E-12	-209.92E-6	4.1984E-9
1	Grid	-85.52410	-45.14604	106.80000	-0.00137	106.78	-20.860E-12	-221.97E-6	4.4394E-9
1	Grid	-83.52892	-45.14604	106.80000	-0.00476	106.78	-22.945E-12	-234.82E-6	4.6976E-9
1	Grid	-81.53374	-45.14604	106.80000	-0.00856	106.78	-25.274E-12	-248.72E-6	4.9744E-9
1	Grid	-79.53856	-45.14604	106.80000	-0.01284	106.78	-27.875E-12	-263.57E-6	5.2713E-9
1	Grid	-77.54338	-45.14604	106.80000	-0.01764	106.78	-30.781E-12	-279.50E-6	5.5901E-9
1	Grid	-75.54820	-45.14604	106.80000	-0.02302	106.78	-34.036E-12	-296.62E-6	5.9323E-9
1	Grid	-73.55302	-45.14604	106.80000	-0.02903	106.78	-37.683E-12	-315.90E-6	6.3000E-9
1	Grid	-71.55784	-45.14604	106.80000	-0.03574	106.78	-41.773E-12	-334.76E-6	6.6953E-9
1	Grid	-69.56266	-45.14604	106.80000	-0.04321	106.78	-46.365E-12	-356.01E-6	7.1202E-9
1	Grid	-67.56748	-45.14604	106.80000	-0.05153	106.78	-51.533E-12	-378.86E-6	7.5773E-9
1	Grid	-65.57230	-45.14604	106.80000	-0.06076	106.78	-57.344E-12	-403.45E-6	8.0690E-9
1	Grid	-63.57712	-45.14604	106.80000	-0.07094	106.78	-63.887E-12	-429.90E-6	8.5981E-9
1	Grid	-61.58194	-45.14604	106.80000	-0.08231	106.78	-71.262E-12	-458.37E-6	9.1674E-9
1	Grid	-59.58676	-45.14604	106.80000	-0.09481	106.78	-79.580E-12	-489.00E-6	9.7800E-9
1	Grid	-57.59158	-45.14604	106.80000	-0.10859	106.78	-88.968E-12	-521.96E-6	10.439E-9
1	Grid	-55.59640	-45.14604	106.80000	-0.12374	106.78	-99.568E-12	-557.40E-6	11.148E-9
1	Grid	-53.60122	-45.14604	106.80000	-0.14036	106.78	-111.548E-12	-595.50E-6	11.910E-9
1	Grid	-51.60604	-45.14604	106.80000	-0.15854	106.78	-125.06E-12	-636.43E-6	12.729E-9
1	Grid	-49.61086	-45.14604	106.80000	-0.17837	106.78	-140.34E-12	-680.36E-6	13.607E-9
1	Grid	-47.61568	-45.14604	106.80000	-0.19993	106.78	-157.59E-12	-727.47E-6	14.549E-9
1	Grid	-45.62050	-45.14604	106.80000	-0.22327	106.78	-177.08E-12	-777.92E-6	15.558E-9
1	Grid	-43.62532	-45.14604	106.80000	-0.24843	106.78	-199.06E-12	-832.85E-6	16.637E-9
1	Grid	-41.63014	-45.14604	106.80000	-0.27543	106.78	-223.83E-12	-889.38E-6	17.788E-9
1	Grid	-39.63496	-45.14604	106.80000	-0.30423	106.78	-251.71E-12	-950.61E-6	19.012E-9
1	Grid	-37.63978	-45.14604	106.80000	-0.33476	106.78	-283.03E-12	-0.0010156	20.312E-9
1	Grid	-35.64460	-45.14604	106.80000	-0.36689	106.78	-318.12E-12	-0.0010843	21.686E-9
1	Grid	-33.64942	-45.14604	106.80000	-0.40043	106.78	-357.29E-12	-0.0011566	23.133E-9
1	Grid	-31.65424	-45.14604	106.80000	-0.43511	106.78	-400.84E-12	-0.0012324	24.649E-9
1	Grid	-29.65906	-45.14604	106.80000	-0.47060	106.78	-448.98E-12	-0.0013114	26.227E-9
1	Grid	-27.66388	-45.14604	106.80000	-0.50651	106.78	-501.82E-12	-0.0013929	27.859E-9
1	Grid	-25.66871	-45.14604	106.80000	-0.54238	106.78	-559.28E-12	-0.0014765	29.531E-9
1	Grid	-23.67353	-45.14604	106.80000	-0.57770	106.78	-621.06E-12	-0.0015612	31.225E-9
1	Grid	-21.67835	-45.14604	106.80000	-0.61194	106.78	-686.51E-12	-0.0016460	32.919E-9
1	Grid	-19.68317	-45.14604	106.80000	-0.64455	106.78	-754.59E-12	-0.0017293	34.586E-9
1	Grid	-17.68799	-45.14604	106.80000	-0.67500	106.78	-823.81E-12	-0.0018097	36.193E-9
1	Grid	-15.69281	-45.14604	106.80000	-0.70276	106.78	-892.19E-12	-0.0018852	37.703E-9
1	Grid	-13.69763	-45.14604	106.80000	-0.72737	106.78	-967.34E-12	-0.0019599	39.076E-9
1	Grid	-11.70245	-45.14604	106.80000	-0.74840	106.78	-1.0165E-9	-0.0020135	40.269E-9
1	Grid	-9.70727	-45.14604	106.80000	-0.76549	106.78	-1.0669E-9	-0.0020622	41.243E-9
1	Grid	-7.71209	-45.14604	106.80000	-0.77837	106.78	-1.1057E-9	-0.0020981	41.961E-9
1	Grid	-5.71691	-45.14604	106.80000	-0.78683	106.78	-1.1308E-9	-0.0021197	42.394E-9
1	Grid	-3.72173	-45.14604	106.80000	-0.79074	106.78	-1.1448E-9	-0.0021361	42.521E-9
1	Grid	-1.72655	-45.14604	106.80000	-0.79008	106.78	-1.1339E-9	-0.0021168	42.336E-9
1	Grid	0.26863	-45.14604	106.80000	-0.78491	106.78	-1.1117E-9	-0.0020921	41.842E-9
1	Grid	2.26381	-45.14604	106.80000	-0.77536	106.78	-1.0748E-9	-0.0020529	41.058E-9
1	Grid	4.25899	-45.14604	106.80000	-0.76168	106.78	-1.0254E-9	-0.0020006	40.012E-9
1	Grid	6.25417	-45.14604	106.80000	-0.74435	106.78	-966.08E-12	-0.0019370	38.792E-9
1	Grid	8.24935	-45.14604	106.80000	-0.72314	106.78	-899.75E-12	-0.0018641	37.282E-9
1	Grid	10.24453	-45.14604	106.80000	-0.69909	106.78	-829.31E-12	-0.0017842	35.684E-9
1	Grid	12.23971	-45.14604	106.80000	-0.67245	106.78	-757.42E-12	-0.0016995	33.989E-9
1	Grid	14.23489	-45.14604	106.80000	-0.64370	106.78	-686.33E-12	-0.0016119	32.237E-9
1	Grid	16.23007	-45.14604	106.80000	-0.61365	106.78	-617.81E-12	-0.0015232	30.464E-9
1	Grid	18.22525	-45.14604	106.80000	-0.58190	106.78	-553.13E-12	-0.0014349	28.699E-9
1	Grid	20.22043	-45.14604	106.80000	-0.54981	106.78	-493.09E-12	-0.0013483	26.967E-9
1	Grid	22.21561	-45.14604	106.80000	-0.51754	106.78	-438.10E-12	-0.0012643	25.286E-9
1	Grid	24.21079	-45.14604	106.80000	-0.48550	106.78	-388.29E-12	-0.0011835	23.671E-9
1	Grid	26.20597	-45.14604	106.80000	-0.45395	106.78	-343.55E-12	-0.0011065	22.130E-9
1	Grid	28.20115	-45.14604	106.80000	-0.42362	106.78	-303.63E-12	-0.0010335	20.670E-9
1	Grid	30.19633	-45.14604	106.80000	-0.39441	106.78	-268.19E-12	-964.67E-6	19.293E-9
1	Grid	32.19151	-45.14604	106.80000	-0.36670	106.78	-236.86E-12	-900.03E-6	18.001E-9
1	Grid	34.18669	-45.14604	106.80000	-0.34069	106.78	-209.23E-12	-839.53E-6	16.791E-9
1	Grid	36.18187	-45.14604	106.80000	-0.31653	106.78	-184.92E-12	-783.07E-6	15.661E-9
1	Grid	38.17705	-45.14604	106.80000	-0.29432	106.78	-163.55E-12	-730.49E-6	14.610E-9
1	Grid	40.17223	-45.14604	106.80000	-0.27412	106.78	-144.78E-12	-681.60E-6	13.632E-9
1	Grid	42.16741	-45.14604	106.80000	-0.2				

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.	
						3244			
						Drg. Ref.			
						Made by AC	Date	Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level [mod]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
1	Grid	106.01317	-45.14604	106.80000	-0.10422	106.78	-5.5909E-12	-101.22E-6	2.0245E-9
1	Grid	108.00835	-45.14604	106.80000	-0.09644	106.78	-5.1752E-12	-96.684E-6	1.9337E-9
1	Grid	110.00353	-45.14604	106.80000	-0.08868	106.78	-4.7975E-12	-92.402E-6	1.8480E-9
1	Grid	111.99871	-45.14604	106.80000	-0.08100	106.78	-4.4478E-12	-88.361E-6	1.7672E-9
1	Grid	113.99388	-45.14604	106.80000	-0.07347	106.78	-4.1294E-12	-84.543E-6	1.6909E-9
1	Grid	115.98906	-45.14604	106.80000	-0.06615	106.78	-3.8376E-12	-80.936E-6	1.6187E-9
1	Grid	117.98424	-45.14604	106.80000	-0.05908	106.78	-3.5691E-12	-77.525E-6	1.5505E-9
1	Grid	119.97942	-45.14604	106.80000	-0.05229	106.78	-3.3253E-12	-74.296E-6	1.4859E-9
1	Grid	121.97460	-45.14604	106.80000	-0.04582	106.78	-3.0982E-12	-71.240E-6	1.4248E-9
1	Grid	123.96978	-45.14604	106.80000	-0.03968	106.78	-2.8897E-12	-68.344E-6	1.3669E-9
1	Grid	125.96496	-45.14604	106.80000	-0.03388	106.78	-2.6972E-12	-65.598E-6	1.3120E-9
1	Grid	127.96014	-45.14604	106.80000	-0.02843	106.78	-2.5213E-12	-62.994E-6	1.2599E-9
1	Grid	129.95532	-45.14604	106.80000	-0.02334	106.78	-2.3561E-12	-60.522E-6	1.2104E-9
1	Grid	131.95050	-45.14604	106.80000	-0.01859	106.78	-2.2049E-12	-58.175E-6	1.1635E-9
1	Grid	133.94568	-45.14604	106.80000	-0.01418	106.78	-2.0650E-12	-55.944E-6	1.1189E-9
1	Grid	135.94086	-45.14604	106.80000	-0.01010	106.78	-1.9358E-12	-53.823E-6	1.0765E-9
1	Grid	137.93604	-45.14604	106.80000	-0.00634	106.78	-1.8159E-12	-51.806E-6	1.0361E-9
1	Grid	139.93122	-45.14604	106.80000	-0.00289	106.78	-1.7046E-12	-49.885E-6	9.97.71E-12
1	Grid	141.92640	-45.14604	106.80000	-0.00027	106.78	-1.5994E-12	-48.057E-6	9.61.14E-12
1	Grid	143.92158	-45.14604	106.80000	0.00316	106.78	-1.5048E-12	-46.315E-6	9.26.29E-12
1	Grid	145.91676	-45.14604	106.80000	0.00578	106.78	-1.4155E-12	-44.654E-6	8.93.08E-12
1	Grid	147.91194	-45.14604	106.80000	0.00816	106.78	-1.3329E-12	-43.070E-6	8.61.40E-12
1	Grid	149.90712	-45.14604	106.80000	0.01031	106.78	-1.2557E-12	-41.558E-6	8.31.17E-12
1	Grid	151.90230	-45.14604	106.80000	0.01224	106.78	-1.1844E-12	-40.116E-6	8.02.31E-12
1	Grid	153.89748	-45.14604	106.80000	0.01398	106.78	-1.1158E-12	-38.737E-6	7.74.75E-12
1	Grid	155.89266	-45.14604	106.80000	0.01553	106.78	-1.0538E-12	-37.420E-6	7.48.41E-12
1	Grid	157.88784	-45.14604	106.80000	0.01690	106.78	0.0	-36.161E-6	7.23.23E-12
1	Grid	159.88302	-45.14604	106.80000	0.01812	106.78	0.0	-34.957E-6	6.99.14E-12
1	Grid	161.87820	-45.14604	106.80000	0.01919	106.78	0.0	-33.805E-6	6.76.10E-12
1	Grid	163.87338	-45.14604	106.80000	0.02013	106.78	0.0	-32.702E-6	6.54.04E-12
1	Grid	165.86856	-45.14604	106.80000	0.02095	106.78	0.0	-31.646E-6	6.32.91E-12
1	Grid	167.86374	-45.14604	106.80000	0.02165	106.78	0.0	-30.634E-6	6.12.67E-12
1	Grid	169.85892	-45.14604	106.80000	0.02225	106.78	0.0	-29.663E-6	5.93.27E-12
1	Grid	171.85410	-45.14604	106.80000	0.02275	106.78	0.0	-28.733E-6	5.74.67E-12
1	Grid	173.84928	-45.14604	106.80000	0.02317	106.78	0.0	-27.841E-6	5.56.82E-12
1	Grid	175.84446	-45.14604	106.80000	0.02350	106.78	0.0	-26.985E-6	5.39.70E-12
1	Grid	177.83964	-45.14604	106.80000	0.02377	106.78	0.0	-26.163E-6	5.23.25E-12
1	Grid	179.83482	-45.14604	106.80000	0.02397	106.78	0.0	-25.373E-6	5.07.47E-12
1	Grid	181.83000	-45.14604	106.80000	0.02412	106.78	0.0	-24.615E-6	4.92.30E-12
1	Grid	-95.50000	-43.27129	106.80000	0.00973	106.78	-13.772E-12	-173.49E-6	3.4698E-9
1	Grid	-93.50482	-43.27129	106.80000	0.00781	106.78	-15.081E-12	-183.10E-6	3.6619E-9
1	Grid	-91.50964	-43.27129	106.80000	0.00561	106.78	-16.532E-12	-193.38E-6	3.8676E-9
1	Grid	-89.51446	-43.27129	106.80000	0.00310	106.78	-18.149E-12	-204.39E-6	4.0879E-9
1	Grid	-87.51928	-43.27129	106.80000	0.00026	106.78	-19.953E-12	-216.20E-6	4.3240E-9
1	Grid	-85.52410	-43.27129	106.80000	-0.00295	106.78	-21.960E-12	-228.87E-6	4.5773E-9
1	Grid	-83.52892	-43.27129	106.80000	-0.00658	106.78	-24.207E-12	-242.46E-6	4.8492E-9
1	Grid	-81.53374	-43.27129	106.80000	-0.01068	106.78	-26.717E-12	-257.06E-6	5.1413E-9
1	Grid	-79.53856	-43.27129	106.80000	-0.01529	106.78	-29.530E-12	-272.76E-6	5.4552E-9
1	Grid	-77.54338	-43.27129	106.80000	-0.02046	106.78	-32.686E-12	-289.65E-6	5.7929E-9
1	Grid	-75.54820	-43.27129	106.80000	-0.02627	106.78	-36.226E-12	-307.82E-6	6.1564E-9
1	Grid	-73.55302	-43.27129	106.80000	-0.03277	106.78	-40.212E-12	-327.39E-6	6.5478E-9
1	Grid	-71.55784	-43.27129	106.80000	-0.04004	106.78	-44.699E-12	-348.48E-6	6.9696E-9
1	Grid	-69.56266	-43.27129	106.80000	-0.04815	106.78	-49.753E-12	-371.22E-6	7.4244E-9
1	Grid	-67.56748	-43.27129	106.80000	-0.05719	106.78	-55.458E-12	-395.74E-6	7.9148E-9
1	Grid	-65.57230	-43.27129	106.80000	-0.06726	106.78	-61.907E-12	-422.20E-6	8.4440E-9
1	Grid	-63.57712	-43.27129	106.80000	-0.07844	106.78	-69.198E-12	-450.76E-6	9.0152E-9
1	Grid	-61.58194	-43.27129	106.80000	-0.09085	106.78	-77.456E-12	-481.59E-6	9.6318E-9
1	Grid	-59.58676	-43.27129	106.80000	-0.10460	106.78	-86.816E-12	-514.88E-6	10.298E-9
1	Grid	-57.59158	-43.27129	106.80000	-0.11980	106.78	-97.431E-12	-550.82E-6	11.016E-9
1	Grid	-55.59640	-43.27129	106.80000	-0.13657	106.78	-109.48E-12	-589.63E-6	11.793E-9
1	Grid	-53.60122	-43.27129	106.80000	-0.15503	106.78	-123.17E-12	-631.51E-6	12.630E-9
1	Grid	-51.60604	-43.27129	106.80000	-0.17530	106.78	-138.73E-12	-676.70E-6	13.534E-9
1	Grid	-49.61086	-43.27129	106.80000	-0.19750	106.78	-156.42E-12	-725.42E-6	14.508E-9
1	Grid	-47.61568	-43.27129	106.80000	-0.22174	106.78	-176.54E-12	-777.90E-6	15.558E-9
1	Grid	-45.62050	-43.27129	106.80000	-0.24811	106.78	-199.42E-12	-834.38E-6	16.688E-9
1	Grid	-43.62532	-43.27129	106.80000	-0.27668	106.78	-225.43E-12	-895.08E-6	17.902E-9
1	Grid	-41.63014	-43.27129	106.80000	-0.30749	106.78	-254.99E-12	-960.20E-6	19.204E-9
1	Grid	-39.63496	-43.27129	106.80000	-0.34053	106.78	-288.55E-12	-0.0010299	20.598E-9
1	Grid	-37.63978	-43.27129	106.80000	-0.37574	106.78	-326.60E-12	-0.0011044	22.087E-9
1	Grid	-35.64460	-43.27129	106.80000	-0.41299	106.78	-369.66E-12	-0.0011836	23.672E-9
1	Grid	-33.64942	-43.27129	106.80000	-0.45297	106.78	-418.26E-12	-0.0012676	25.352E-9
1	Grid	-31.65424	-43.27129	106.80000	-0.49268	106.78	-472.92E-12	-0.0013563	27.126E-9
1	Grid	-29.65906	-43.27129	106.80000	-0.53445	106.78	-534.09E-12	-0.0014494	28.988E-9
1	Grid	-27.66388	-43.27129	106.80000	-0.57688	106.78	-602.13E-12	-0.0015464	30.928E-9
1	Grid	-25.66871	-43.27129	106.80000	-0.61942	106.78	-677.16E-12	-0.0016467	32.934E-9
1	Grid	-23.67353	-43.27129	106.80000	-0.66143	106.78	-759.00E-12	-0.0017492	34.985E-9
1	Grid	-21.67835	-43.27129	106.80000	-0.70227	106.78	-847.02E-12	-0.0018585	37.044E-9
1	Grid	-19.68317	-43.27129	106.80000	-0.74123	106.78	-939.99E-12	-0.0019556	39.112E-9
1	Grid	-17.68799	-43.27129	106.80000	-0.77765	106.78	-1.0359E-9	-0.0020525	41.114E-9
1	Grid	-15.69281	-43.27129	106.80000	-0.81090	106.78	-1.1321E-9	-0.0021507	43.013E-9
1	Grid	-13.69763	-43.27129	106.80000	-0.84037	106.78	-1.2250E-9	-0.0022378	44.755E-9
1	Grid	-11.70245	-43.27129	106.80000	-0.86555	106.78	-1.3104E-9	-0.0023142	46.243E-9
1	Grid	-9.70727	-43.27129	106.80000	-0.88601	106.78	-1.3839E-9	-0.0023770	47.541E-9
1	Grid	-7.71209	-43.27129	106.80000	-0.90139	106.78	-1.4412E-9	-0.0024238	48.746E-9
1	Grid	-5.71691	-43.27129	106.80000	-0.91144	106.78	-1.4786E-9	-0.0024523	49.046E-9
1	Grid	-3.72173	-43.27129	106.80000	-0.91602	106.78	-1.4933E-9	-0.0024611	49.222E-9
1	Grid	-1.72655	-43.27129	106.80000	-0.91509	106.78	-1.4844E-9	-0.0024497	48.994E-9
1	Grid	0.26863	-43.27129	106.80000	-0.90871	106.78	-1.4521E-9	-0.0024183	48.367E-9
1	Grid	2.26381	-43.27129	106.80000	-0.89708	106.78	-1.3986E-9	-0.0023683	47.366E-9
1	Grid	4.25899	-43.27129	106.80000	-0.88048	106.78	-1.3270E-9	-0.0023016	46.031E-9
1	Grid	6.25417	-43.27129	106.80000	-0.85927	106.78	-1.2417E-9	-0.0022207	44.414E-9
1	Grid	8.24935	-43.27129	106.80000	-0.83392	106.78	-1.1472E-9	-0.0021287	42.573E-9
1	Grid	10.24453	-43.27129	106.80000					



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	96.06137	-43.27129	106.80000	-0.19084	106.78	-13.993E-12	-170.04E-6	3.4008E-9
1	Grid	88.05655	-43.27129	106.80000	-0.18717	106.78	-12.240E-12	-161.22E-6	3.2244E-9
1	Grid	90.05173	-43.27129	106.80000	-0.18259	106.78	-11.202E-12	-152.97E-6	3.0594E-9
1	Grid	92.04691	-43.27129	106.80000	-0.17714	106.78	-10.266E-12	-145.25E-6	2.9050E-9
1	Grid	94.04209	-43.27129	106.80000	-0.17088	106.78	-9.4171E-12	-138.02E-6	2.7603E-9
1	Grid	96.03727	-43.27129	106.80000	-0.16389	106.78	-8.6497E-12	-131.24E-6	2.6247E-9
1	Grid	98.03245	-43.27129	106.80000	-0.15628	106.78	-7.9570E-12	-124.88E-6	2.4975E-9
1	Grid	100.02763	-43.27129	106.80000	-0.14814	106.78	-7.3268E-12	-118.90E-6	2.3781E-9
1	Grid	102.02281	-43.27129	106.80000	-0.13960	106.78	-6.7546E-12	-113.29E-6	2.2659E-9
1	Grid	104.01799	-43.27129	106.80000	-0.13078	106.78	-6.2330E-12	-108.02E-6	2.1604E-9
1	Grid	106.01317	-43.27129	106.80000	-0.12179	106.78	-5.7594E-12	-103.05E-6	2.0611E-9
1	Grid	108.00835	-43.27129	106.80000	-0.11274	106.78	-5.3237E-12	-98.379E-6	1.9676E-9
1	Grid	110.00353	-43.27129	106.80000	-0.10373	106.78	-4.9314E-12	-93.973E-6	1.8795E-9
1	Grid	111.99871	-43.27129	106.80000	-0.09484	106.78	-4.5683E-12	-89.819E-6	1.7964E-9
1	Grid	113.99388	-43.27129	106.80000	-0.08615	106.78	-4.2413E-12	-85.898E-6	1.7180E-9
1	Grid	115.98906	-43.27129	106.80000	-0.07773	106.78	-3.9395E-12	-82.196E-6	1.6439E-9
1	Grid	117.98424	-43.27129	106.80000	-0.06961	106.78	-3.6624E-12	-78.697E-6	1.5739E-9
1	Grid	119.97942	-43.27129	106.80000	-0.06185	106.78	-3.4059E-12	-75.388E-6	1.5078E-9
1	Grid	121.97460	-43.27129	106.80000	-0.05446	106.78	-3.1728E-12	-72.258E-6	1.4452E-9
1	Grid	123.96978	-43.27129	106.80000	-0.04747	106.78	-2.9570E-12	-69.294E-6	1.3859E-9
1	Grid	125.96496	-43.27129	106.80000	-0.04042	106.78	-2.7591E-12	-66.485E-6	1.3297E-9
1	Grid	127.96014	-43.27129	106.80000	-0.03473	106.78	-2.5766E-12	-63.823E-6	1.2765E-9
1	Grid	129.95532	-43.27129	106.80000	-0.02898	106.78	-2.4067E-12	-61.298E-6	1.2260E-9
1	Grid	131.95050	-43.27129	106.80000	-0.02363	106.78	-2.2529E-12	-58.901E-6	1.1780E-9
1	Grid	133.94568	-43.27129	106.80000	-0.01868	106.78	-2.1076E-12	-56.624E-6	1.1325E-9
1	Grid	135.94086	-43.27129	106.80000	-0.01442	106.78	-1.9744E-12	-54.519E-6	1.0892E-9
1	Grid	137.93604	-43.27129	106.80000	-0.00990	106.78	-1.8532E-12	-52.404E-6	1.0481E-9
1	Grid	139.93122	-43.27129	106.80000	-0.00604	106.78	-1.7359E-12	-50.447E-6	1.0089E-9
1	Grid	141.92640	-43.27129	106.80000	-0.00252	106.78	-1.6300E-12	-48.585E-6	971.70E-12
1	Grid	143.92158	-43.27129	106.80000	0.00069	106.78	-1.5334E-12	-46.811E-6	936.22E-12
1	Grid	145.91676	-43.27129	106.80000	0.00362	106.78	-1.4388E-12	-45.121E-6	902.42E-12
1	Grid	147.91194	-43.27129	106.80000	0.00625	106.78	-1.3543E-12	-43.510E-6	870.19E-12
1	Grid	149.90712	-43.27129	106.80000	0.00864	106.78	-1.2763E-12	-41.973E-6	839.46E-12
1	Grid	151.90230	-43.27129	106.80000	0.01078	106.78	-1.2010E-12	-40.506E-6	810.12E-12
1	Grid	153.89748	-43.27129	106.80000	0.01271	106.78	-1.1338E-12	-39.106E-6	782.12E-12
1	Grid	155.89266	-43.27129	106.80000	0.01442	106.78	-1.0685E-12	-37.768E-6	755.30E-12
1	Grid	157.88784	-43.27129	106.80000	0.01595	106.78	-1.0092E-12	-36.490E-6	729.80E-12
1	Grid	159.88302	-43.27129	106.80000	0.01731	106.78	0.0	-35.268E-6	705.35E-12
1	Grid	161.87820	-43.27129	106.80000	0.01850	106.78	0.0	-34.099E-6	681.97E-12
1	Grid	163.87338	-43.27129	106.80000	0.01954	106.78	0.0	-32.980E-6	659.60E-12
1	Grid	165.86856	-43.27129	106.80000	0.02045	106.78	0.0	-31.909E-6	638.17E-12
1	Grid	167.86374	-43.27129	106.80000	0.02124	106.78	0.0	-30.883E-6	617.65E-12
1	Grid	169.85892	-43.27129	106.80000	0.02191	106.78	0.0	-29.900E-6	597.99E-12
1	Grid	171.85410	-43.27129	106.80000	0.02248	106.78	0.0	-28.957E-6	579.14E-12
1	Grid	173.84928	-43.27129	106.80000	0.02295	106.78	0.0	-28.053E-6	561.07E-12
1	Grid	175.84446	-43.27129	106.80000	0.02329	106.78	0.0	-27.189E-6	543.79E-12
1	Grid	177.83964	-43.27129	106.80000	0.02365	106.78	0.0	-26.354E-6	527.09E-12
1	Grid	179.83482	-43.27129	106.80000	0.02389	106.78	0.0	-25.555E-6	511.11E-12
1	Grid	181.83000	-43.27129	106.80000	0.02407	106.78	0.0	-24.788E-6	495.76E-12
1	Grid	-95.50000	-41.39655	106.80000	0.00898	106.78	-14.361E-12	-177.87E-6	3.5574E-9
1	Grid	-97.49518	-41.39655	106.80000	0.00690	106.78	-13.751E-12	-173.99E-6	3.4579E-9
1	Grid	-91.50964	-41.39655	106.80000	0.00458	106.78	-17.297E-12	-198.64E-6	3.9272E-9
1	Grid	-89.51446	-41.39655	106.80000	0.00190	106.78	-19.020E-12	-210.16E-6	4.2032E-9
1	Grid	-87.51928	-41.39655	106.80000	-0.00113	106.78	-20.946E-12	-222.54E-6	4.4507E-9
1	Grid	-85.52410	-41.39655	106.80000	-0.00457	106.78	-23.098E-12	-235.83E-6	4.7167E-9
1	Grid	-83.52892	-41.39655	106.80000	-0.00945	106.78	-25.508E-12	-250.13E-6	4.9927E-9
1	Grid	-81.53374	-41.39655	106.80000	-0.01285	106.78	-28.215E-12	-265.53E-6	5.3105E-9
1	Grid	-79.53856	-41.39655	106.80000	-0.01780	106.78	-31.252E-12	-282.11E-6	5.6421E-9
1	Grid	-77.54338	-41.39655	106.80000	-0.02336	106.78	-34.672E-12	-299.98E-6	5.9986E-9
1	Grid	-75.54820	-41.39655	106.80000	-0.02961	106.78	-38.527E-12	-319.24E-6	6.3852E-9
1	Grid	-73.55302	-41.39655	106.80000	-0.03669	106.78	-42.873E-12	-340.07E-6	6.8014E-9
1	Grid	-71.55784	-41.39655	106.80000	-0.04447	106.78	-47.782E-12	-362.56E-6	7.2511E-9
1	Grid	-69.56266	-41.39655	106.80000	-0.05325	106.78	-53.339E-12	-386.86E-6	7.7373E-9
1	Grid	-67.56748	-41.39655	106.80000	-0.06307	106.78	-59.635E-12	-413.15E-6	8.2630E-9
1	Grid	-65.57230	-41.39655	106.80000	-0.07401	106.78	-66.782E-12	-441.60E-6	8.8321E-9
1	Grid	-63.57712	-41.39655	106.80000	-0.08615	106.78	-74.901E-12	-472.41E-6	9.4482E-9
1	Grid	-61.58194	-41.39655	106.80000	-0.09978	106.78	-84.137E-12	-505.78E-6	10.115E-9
1	Grid	-59.58676	-41.39655	106.80000	-0.11486	106.78	-94.652E-12	-541.93E-6	10.839E-9
1	Grid	-57.59158	-41.39655	106.80000	-0.13158	106.78	-106.65E-12	-581.11E-6	11.622E-9
1	Grid	-55.59640	-41.39655	106.80000	-0.15010	106.78	-120.34E-12	-623.57E-6	12.471E-9
1	Grid	-53.60122	-41.39655	106.80000	-0.17056	106.78	-135.99E-12	-669.59E-6	13.392E-9
1	Grid	-51.60604	-41.39655	106.80000	-0.19312	106.78	-153.88E-12	-719.46E-6	14.389E-9
1	Grid	-49.61086	-41.39655	106.80000	-0.21794	106.78	-174.36E-12	-773.47E-6	15.469E-9
1	Grid	-47.61568	-41.39655	106.80000	-0.24516	106.78	-197.81E-12	-831.95E-6	16.639E-9
1	Grid	-45.62050	-41.39655	106.80000	-0.27491	106.78	-224.68E-12	-895.20E-6	17.904E-9
1	Grid	-43.62532	-41.39655	106.80000	-0.30732	106.78	-255.48E-12	-963.19E-6	19.271E-9
1	Grid	-41.63014	-41.39655	106.80000	-0.34246	106.78	-290.78E-12	-0.0010373	20.746E-9
1	Grid	-39.63496	-41.39655	106.80000	-0.38036	106.78	-331.21E-12	-0.0011167	22.334E-9
1	Grid	-37.63978	-41.39655	106.80000	-0.42099	106.78	-377.52E-12	-0.0012021	24.042E-9
1	Grid	-35.64460	-41.39655	106.80000	-0.46423	106.78	-430.48E-12	-0.0012936	25.873E-9
1	Grid	-33.64942	-41.39655	106.80000	-0.50986	106.78	-490.94E-12	-0.0013914	27.828E-9
1	Grid	-31.65424	-41.39655	106.80000	-0.55755	106.78	-559.80E-12	-0.0014954	29.909E-9
1	Grid	-29.65906	-41.39655	106.80000	-0.60685	106.78	-637.90E-12	-0.0016056	32.111E-9
1	Grid	-27.66388	-41.39655	106.80000	-0.65718	106.78	-726.03E-12	-0.0017214	34.428E-9
1	Grid	-25.66871	-41.39655	106.80000	-0.70783	106.78	-824.73E-12	-0.0018423	36.845E-9
1	Grid	-23.67353	-41.39655	106.80000	-0.75959	106.78	-934.17E-12	-0.0019675	39.343E-9
1	Grid	-21.67835	-41.39655	106.80000	-0.80694	106.78	-1.0539E-9	-0.0020946	41.891E-9
1	Grid	-19.68317	-41.39655	106.80000	-0.85370	106.78	-1.1825E-9	-0.0022225	44.450E-9
1	Grid	-17.68799	-41.39655	106.80000	-0.89746	106.78	-1.3176E-9	-0.0023484	46.969E-9
1	Grid	-15.69281	-41.39655	106.80000	-0.93743	106.78	-1.4553E-9	-0.0024692	49.384E-9
1	Grid	-13.69763	-41.39655	106.80000	-0.97287	106.78	-1.5904E-9	-0.0025811	51.623E-9
1	Grid	-11.70245	-41.39655	106.80000	-1.00315	106.78	-1.7164E-9	-0.0026803	53.606E-9
1	Grid	-9.70727	-41.39655	106.80000	-1.02772	106.78	-1.8262E-9	-0.0027627	55.254E-9
1	Grid	-7.71209	-41.39655	106.80000	-1.04616	106.78	-1.9128E-9	-0.0028246	56.491E-9
1	Grid	-5.71691	-41.39655	106.80000	-1.05815	106.78	-1.9699E-9	-0.0028628	57.255E-9
1	Grid	-3.72173	-41.39655	106.80000	-1.06352	106.78	-1.9931E-9	-0.0028752	57.504E-9
1	Grid	-1.72655	-41.39655	106.80000	-1.06222	106.78	-1.9804E-9	-0.0028610	57.219E-9
1	Grid	0.26863	-41.39655	106.80000	-1.05434	106.78	-1.9325E-9	-0.0028205	56.410E-9
1	Grid	2.26381	-41.39655	106.80					



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	66.10957	-41.39655	106.80000	-0.21893	106.78	-37.794E-12	-313.66E-6	6.2731E-9
1	Grid	68.10475	-41.39655	106.80000	-0.22026	106.78	-33.958E-12	-294.54E-6	5.8909E-9
1	Grid	70.09993	-41.39655	106.80000	-0.22197	106.78	-30.564E-12	-276.86E-6	5.5372E-9
1	Grid	72.09511	-41.39655	106.80000	-0.22380	106.78	-27.554E-12	-260.48E-6	5.2095E-9
1	Grid	74.09029	-41.39655	106.80000	-0.22551	106.78	-24.884E-12	-245.29E-6	4.9057E-9
1	Grid	76.08547	-41.39655	106.80000	-0.22687	106.78	-22.507E-12	-231.19E-6	4.6238E-9
1	Grid	78.08065	-41.39655	106.80000	-0.22767	106.78	-20.388E-12	-218.10E-6	4.3619E-9
1	Grid	80.07583	-41.39655	106.80000	-0.22772	106.78	-18.501E-12	-205.92E-6	4.1185E-9
1	Grid	82.07101	-41.39655	106.80000	-0.22687	106.78	-16.813E-12	-194.60E-6	3.8919E-9
1	Grid	84.06619	-41.39655	106.80000	-0.22500	106.78	-15.301E-12	-184.05E-6	3.6809E-9
1	Grid	86.06137	-41.39655	106.80000	-0.22203	106.78	-13.947E-12	-174.21E-6	3.4842E-9
1	Grid	88.05655	-41.39655	106.80000	-0.21794	106.78	-12.728E-12	-165.03E-6	3.3007E-9
1	Grid	90.05173	-41.39655	106.80000	-0.21272	106.78	-11.631E-12	-156.46E-6	3.1293E-9
1	Grid	92.04691	-41.39655	106.80000	-0.20642	106.78	-10.645E-12	-148.45E-6	2.9691E-9
1	Grid	94.04209	-41.39655	106.80000	-0.19914	106.78	-9.7549E-12	-140.96E-6	2.8192E-9
1	Grid	96.03727	-41.39655	106.80000	-0.19067	106.78	-8.9488E-12	-133.94E-6	2.6788E-9
1	Grid	98.03245	-41.39655	106.80000	-0.18203	106.78	-8.2234E-12	-127.37E-6	2.5473E-9
1	Grid	100.02763	-41.39655	106.80000	-0.17248	106.78	-7.5653E-12	-121.20E-6	2.4240E-9
1	Grid	102.02281	-41.39655	106.80000	-0.16247	106.78	-6.9671E-12	-115.41E-6	2.3082E-9
1	Grid	104.01799	-41.39655	106.80000	-0.15214	106.78	-6.4235E-12	-109.97E-6	2.1995E-9
1	Grid	106.01317	-41.39655	106.80000	-0.14163	106.78	-5.9286E-12	-104.86E-6	2.0972E-9
1	Grid	108.00835	-41.39655	106.80000	-0.13108	106.78	-5.4783E-12	-100.05E-6	2.0010E-9
1	Grid	110.00353	-41.39655	106.80000	-0.12061	106.78	-5.0679E-12	-95.523E-6	1.9105E-9
1	Grid	111.99871	-41.39655	106.80000	-0.11031	106.78	-4.6929E-12	-91.256E-6	1.8251E-9
1	Grid	113.99388	-41.39655	106.80000	-0.10027	106.78	-4.3505E-12	-87.232E-6	1.7446E-9
1	Grid	115.98906	-41.39655	106.80000	-0.09057	106.78	-4.0374E-12	-83.415E-6	1.6697E-9
1	Grid	117.98424	-41.39655	106.80000	-0.08126	106.78	-3.7503E-12	-79.849E-6	1.5970E-9
1	Grid	119.97942	-41.39655	106.80000	-0.07238	106.78	-3.4879E-12	-76.461E-6	1.5292E-9
1	Grid	121.97460	-41.39655	106.80000	-0.06396	106.78	-3.2447E-12	-73.257E-6	1.4651E-9
1	Grid	123.96978	-41.39655	106.80000	-0.05601	106.78	-3.0242E-12	-70.226E-6	1.4045E-9
1	Grid	125.96496	-41.39655	106.80000	-0.04856	106.78	-2.8184E-12	-67.355E-6	1.3471E-9
1	Grid	127.96014	-41.39655	106.80000	-0.04160	106.78	-2.6299E-12	-64.636E-6	1.2927E-9
1	Grid	129.95532	-41.39655	106.80000	-0.03511	106.78	-2.4574E-12	-62.057E-6	1.2411E-9
1	Grid	131.95050	-41.39655	106.80000	-0.02910	106.78	-2.2968E-12	-59.612E-6	1.1922E-9
1	Grid	133.94568	-41.39655	106.80000	-0.02355	106.78	-2.1509E-12	-57.290E-6	1.1458E-9
1	Grid	135.94086	-41.39655	106.80000	-0.01846	106.78	-2.0124E-12	-55.085E-6	1.1017E-9
1	Grid	137.93604	-41.39655	106.80000	-0.01374	106.78	-1.8872E-12	-52.989E-6	1.0598E-9
1	Grid	139.93122	-41.39655	106.80000	-0.00944	106.78	-1.7679E-12	-50.996E-6	1.0199E-9
1	Grid	141.92640	-41.39655	106.80000	-0.00552	106.78	-1.6593E-12	-49.100E-6	982.01E-12
1	Grid	143.92158	-41.39655	106.80000	-0.00196	106.78	-1.5594E-12	-47.296E-6	945.91E-12
1	Grid	145.91676	-41.39655	106.80000	-0.00003	106.78	-1.4648E-12	-45.577E-6	911.53E-12
1	Grid	147.91194	-41.39655	106.80000	0.00421	106.78	-1.3769E-12	-43.939E-6	878.77E-12
1	Grid	149.90712	-41.39655	106.80000	0.00685	106.78	-1.2963E-12	-42.377E-6	847.54E-12
1	Grid	151.90230	-41.39655	106.80000	0.00922	106.78	-1.2197E-12	-40.887E-6	817.74E-12
1	Grid	153.89748	-41.39655	106.80000	0.01134	106.78	-1.1517E-12	-39.465E-6	789.30E-12
1	Grid	155.89266	-41.39655	106.80000	0.01415	106.78	-1.0858E-12	-38.107E-6	762.14E-12
1	Grid	157.88784	-41.39655	106.80000	0.01493	106.78	-1.0258E-12	-36.810E-6	736.20E-12
1	Grid	159.88302	-41.39655	106.80000	0.01643	106.78	0.0	-35.570E-6	711.40E-12
1	Grid	161.87820	-41.39655	106.80000	0.01775	106.78	0.0	-34.384E-6	687.69E-12
1	Grid	163.87338	-41.39655	106.80000	0.01891	106.78	0.0	-33.250E-6	665.00E-12
1	Grid	165.86856	-41.39655	106.80000	0.02007	106.78	0.0	-32.164E-6	643.29E-12
1	Grid	167.86374	-41.39655	106.80000	0.02079	106.78	0.0	-31.125E-6	622.50E-12
1	Grid	169.85892	-41.39655	106.80000	0.02154	106.78	0.0	-30.129E-6	602.58E-12
1	Grid	171.85410	-41.39655	106.80000	0.02218	106.78	0.0	-29.175E-6	583.50E-12
1	Grid	173.84928	-41.39655	106.80000	0.02271	106.78	0.0	-28.260E-6	565.20E-12
1	Grid	175.84446	-41.39655	106.80000	0.02315	106.78	0.0	-27.382E-6	547.61E-12
1	Grid	177.83964	-41.39655	106.80000	0.02352	106.78	0.0	-26.540E-6	530.80E-12
1	Grid	179.83482	-41.39655	106.80000	0.02380	106.78	0.0	-25.732E-6	514.64E-12
1	Grid	181.83000	-41.39655	106.80000	0.02401	106.78	0.0	-24.956E-6	499.11E-12
1	Grid	-95.50000	-39.52180	106.80000	0.00822	106.78	-14.964E-12	-182.25E-6	3.6450E-9
1	Grid	-97.50518	-39.52180	106.80000	-0.00603	106.78	-16.434E-12	-192.63E-6	8.9538E-9
1	Grid	-91.50964	-39.52180	106.80000	0.00353	106.78	-18.075E-12	-203.90E-6	4.0780E-9
1	Grid	-89.51446	-39.52180	106.80000	0.00069	106.78	-19.909E-12	-215.95E-6	4.3189E-9
1	Grid	-87.51928	-39.52180	106.80000	-0.00255	106.78	-21.964E-12	-228.90E-6	4.5781E-9
1	Grid	-85.52410	-39.52180	106.80000	-0.00622	106.78	-24.268E-12	-242.85E-6	4.8570E-9
1	Grid	-83.52892	-39.52180	106.80000	-0.01037	106.78	-26.856E-12	-257.86E-6	5.1575E-9
1	Grid	-81.53374	-39.52180	106.80000	-0.01506	106.78	-29.765E-12	-274.08E-6	5.4816E-9
1	Grid	-79.53856	-39.52180	106.80000	-0.02036	106.78	-33.044E-12	-291.57E-6	5.8315E-9
1	Grid	-77.54338	-39.52180	106.80000	-0.02632	106.78	-36.743E-12	-310.47E-6	6.2094E-9
1	Grid	-75.54820	-39.52180	106.80000	-0.03303	106.78	-40.925E-12	-330.90E-6	6.6180E-9
1	Grid	-73.55302	-39.52180	106.80000	-0.04057	106.78	-45.658E-12	-353.10E-6	7.0602E-9
1	Grid	-71.55784	-39.52180	106.80000	-0.04903	106.78	-51.029E-12	-376.96E-6	7.5392E-9
1	Grid	-69.56266	-39.52180	106.80000	-0.05851	106.78	-57.128E-12	-402.92E-6	8.0583E-9
1	Grid	-67.56748	-39.52180	106.80000	-0.06913	106.78	-64.068E-12	-431.07E-6	8.6214E-9
1	Grid	-65.57230	-39.52180	106.80000	-0.08100	106.78	-71.974E-12	-461.63E-6	9.2327E-9
1	Grid	-63.57712	-39.52180	106.80000	-0.09427	106.78	-81.001E-12	-494.33E-6	9.8962E-9
1	Grid	-61.58194	-39.52180	106.80000	-0.10907	106.78	-91.315E-12	-530.91E-6	10.618E-9
1	Grid	-59.58676	-39.52180	106.80000	-0.12556	106.78	-103.12E-12	-570.14E-6	11.403E-9
1	Grid	-57.59158	-39.52180	106.80000	-0.14391	106.78	-116.66E-12	-612.81E-6	12.256E-9
1	Grid	-55.59640	-39.52180	106.80000	-0.16431	106.78	-132.21E-12	-659.25E-6	13.185E-9
1	Grid	-53.60122	-39.52180	106.80000	-0.18693	106.78	-150.08E-12	-709.78E-6	14.196E-9
1	Grid	-51.60604	-39.52180	106.80000	-0.21199	106.78	-170.64E-12	-764.79E-6	15.296E-9
1	Grid	-49.61086	-39.52180	106.80000	-0.23967	106.78	-194.34E-12	-824.65E-6	16.493E-9
1	Grid	-47.61568	-39.52180	106.80000	-0.27018	106.78	-221.67E-12	-889.78E-6	17.796E-9
1	Grid	-45.62050	-39.52180	106.80000	-0.30371	106.78	-253.23E-12	-960.61E-6	19.212E-9
1	Grid	-43.62532	-39.52180	106.80000	-0.34041	106.78	-289.70E-12	-1.001037E	20.741E-9
1	Grid	-41.63014	-39.52180	106.80000	-0.38049	106.78	-331.87E-12	-1.001121E	22.422E-9
1	Grid	-39.63496	-39.52180	106.80000	-0.42396	106.78	-380.64E-12	-1.0012117	24.234E-9
1	Grid	-37.63978	-39.52180	106.80000	-0.47087	106.78	-437.06E-12	-1.0013097	26.194E-9
1	Grid	-35.64460	-39.52180	106.80000	-0.52113	106.78	-502.31E-12	-1.0014156	28.311E-9
1	Grid	-33.64942	-39.52180	106.80000	-0.57453	106.78	-577.72E-12	-1.0015296	30.591E-9
1	Grid	-31.65424	-39.52180	106.80000	-0.63070	106.78	-664.74E-12	-1.0016519	33.037E-9
1	Grid	-29.65906	-39.52180	106.80000	-0.68911	106.78	-764.89E-12	-1.0017825	35.651E-9
1	Grid	-27.66388	-39.52180	106.80000	-0.74905	106.78	-879.70E-12	-1.0019214	38.427E-9
1	Grid	-25.66871	-39.52180	106.80000	-0.80965	106.78	-1.0105E-9	-0.0020678	41.355E-9
1	Grid	-23.67353	-39.52180	106.80000	-0.86993	106.78	-1.1582E-9	-0.0022077	44.415E-9
1	Grid	-21.67835	-39.52180	106.80000	-0.92882	106.78	-1.3229E-9	-0.0023787	47.574E-9
1	Grid	-19.68317	-39.52180	106.80000	-0.98521	106.78	-1.5035E-9	-0.0025393	50.785E-9
1	Grid	-17.68							



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
1	Grid	46.15777	-39.52180	106.80000	-0.30667	106.78	-133.75E-12	-654.83E-6	13.097E-9
1	Grid	48.15295	-39.52180	106.80000	-0.29018	106.78	-117.42E-12	-607.52E-6	12.150E-9
1	Grid	50.14813	-39.52180	106.80000	-0.27665	106.78	-103.31E-12	-564.23E-6	11.285E-9
1	Grid	52.14331	-39.52180	106.80000	-0.26587	106.78	-91.100E-12	-524.59E-6	10.492E-9
1	Grid	54.13849	-39.52180	106.80000	-0.25763	106.78	-80.506E-12	-488.27E-6	9.7654E-9
1	Grid	56.13367	-39.52180	106.80000	-0.25169	106.78	-71.298E-12	-454.96E-6	9.0932E-9
1	Grid	58.12885	-39.52180	106.80000	-0.24782	106.78	-63.277E-12	-424.38E-6	8.4876E-9
1	Grid	60.12403	-39.52180	106.80000	-0.24576	106.78	-56.276E-12	-396.29E-6	7.9257E-9
1	Grid	62.11921	-39.52180	106.80000	-0.24525	106.78	-50.147E-12	-370.45E-6	7.4090E-9
1	Grid	64.11439	-39.52180	106.80000	-0.24602	106.78	-44.777E-12	-346.67E-6	6.9333E-9
1	Grid	66.10957	-39.52180	106.80000	-0.24779	106.78	-40.059E-12	-324.75E-6	6.4949E-9
1	Grid	68.10475	-39.52180	106.80000	-0.25026	106.78	-35.908E-12	-304.53E-6	6.0906E-9
1	Grid	70.09993	-39.52180	106.80000	-0.25313	106.78	-32.245E-12	-285.86E-6	5.7172E-9
1	Grid	72.09511	-39.52180	106.80000	-0.25612	106.78	-29.009E-12	-268.61E-6	5.3721E-9
1	Grid	74.09029	-39.52180	106.80000	-0.25892	106.78	-26.142E-12	-252.64E-6	5.0528E-9
1	Grid	76.08547	-39.52180	106.80000	-0.26285	106.78	-23.602E-12	-237.85E-6	4.7570E-9
1	Grid	78.08065	-39.52180	106.80000	-0.26285	106.78	-21.343E-12	-224.14E-6	4.4828E-9
1	Grid	80.07583	-39.52180	106.80000	-0.26350	106.78	-19.335E-12	-211.41E-6	4.2283E-9
1	Grid	82.07101	-39.52180	106.80000	-0.26300	106.78	-17.540E-12	-199.59E-6	3.9918E-9
1	Grid	84.06619	-39.52180	106.80000	-0.26121	106.78	-15.939E-12	-188.60E-6	3.7720E-9
1	Grid	86.06137	-39.52180	106.80000	-0.25805	106.78	-14.506E-12	-178.36E-6	3.5673E-9
1	Grid	88.05655	-39.52180	106.80000	-0.25347	106.78	-13.219E-12	-168.83E-6	3.3766E-9
1	Grid	90.05173	-39.52180	106.80000	-0.24748	106.78	-12.066E-12	-159.94E-6	3.1987E-9
1	Grid	92.04691	-39.52180	106.80000	-0.24017	106.78	-11.031E-12	-151.63E-6	3.0327E-9
1	Grid	94.04209	-39.52180	106.80000	-0.23164	106.78	-10.094E-12	-143.88E-6	2.8775E-9
1	Grid	96.03727	-39.52180	106.80000	-0.22202	106.78	-9.252E-12	-136.62E-6	2.7345E-9
1	Grid	98.03245	-39.52180	106.80000	-0.21150	106.78	-8.4912E-12	-129.83E-6	2.5966E-9
1	Grid	100.02763	-39.52180	106.80000	-0.20025	106.78	-7.8011E-12	-123.47E-6	2.4693E-9
1	Grid	102.02281	-39.52180	106.80000	-0.18847	106.78	-7.1769E-12	-117.50E-6	2.3500E-9
1	Grid	104.01799	-39.52180	106.80000	-0.17634	106.78	-6.6114E-12	-111.90E-6	2.2380E-9
1	Grid	106.01317	-39.52180	106.80000	-0.16403	106.78	-6.0958E-12	-106.64E-6	2.1328E-9
1	Grid	108.00835	-39.52180	106.80000	-0.15171	106.78	-5.6302E-12	-101.70E-6	2.0340E-9
1	Grid	110.00353	-39.52180	106.80000	-0.13951	106.78	-5.2045E-12	-97.047E-6	1.9409E-9
1	Grid	111.99871	-39.52180	106.80000	-0.12757	106.78	-4.8155E-12	-92.668E-6	1.8534E-9
1	Grid	113.99389	-39.52180	106.80000	-0.11597	106.78	-4.4598E-12	-88.542E-6	1.7708E-9
1	Grid	115.98906	-39.52180	106.80000	-0.10480	106.78	-4.1360E-12	-84.631E-6	1.6910E-9
1	Grid	117.98424	-39.52180	106.80000	-0.09412	106.78	-3.8416E-12	-80.980E-6	1.6196E-9
1	Grid	119.97942	-39.52180	106.80000	-0.08396	106.78	-3.5691E-12	-77.513E-6	1.5503E-9
1	Grid	121.97460	-39.52180	106.80000	-0.07437	106.78	-3.3187E-12	-74.236E-6	1.4847E-9
1	Grid	123.96978	-39.52180	106.80000	-0.06536	106.78	-3.0889E-12	-71.138E-6	1.4228E-9
1	Grid	125.96496	-39.52180	106.80000	-0.05692	106.78	-2.8797E-12	-68.205E-6	1.3641E-9
1	Grid	127.96014	-39.52180	106.80000	-0.04906	106.78	-2.6859E-12	-65.430E-6	1.3086E-9
1	Grid	129.95532	-39.52180	106.80000	-0.04177	106.78	-2.5073E-12	-62.800E-6	1.2560E-9
1	Grid	131.95050	-39.52180	106.80000	-0.03502	106.78	-2.3408E-12	-60.306E-6	1.2061E-9
1	Grid	133.94568	-39.52180	106.80000	-0.02881	106.78	-2.1889E-12	-57.940E-6	1.1588E-9
1	Grid	135.94086	-39.52180	106.80000	-0.02310	106.78	-2.0497E-12	-55.678E-6	1.1139E-9
1	Grid	137.93604	-39.52180	106.80000	-0.01787	106.78	-1.9178E-12	-53.559E-6	1.0712E-9
1	Grid	139.93122	-39.52180	106.80000	-0.01309	106.78	-1.8006E-12	-51.531E-6	1.0306E-9
1	Grid	141.92640	-39.52180	106.80000	-0.00874	106.78	-1.6880E-12	-49.603E-6	992.06E-12
1	Grid	143.92158	-39.52180	106.80000	-0.00479	106.78	-1.5854E-12	-47.768E-6	955.35E-12
1	Grid	145.91676	-39.52180	106.80000	-0.00125	106.78	-1.4888E-12	-46.020E-6	920.41E-12
1	Grid	147.91194	-39.52180	106.80000	0.00202	106.78	-1.3982E-12	-44.356E-6	887.12E-12
1	Grid	149.90712	-39.52180	106.80000	0.00493	106.78	-1.3176E-12	-42.770E-6	855.40E-12
1	Grid	151.90230	-39.52180	106.80000	0.00755	106.78	-1.2403E-12	-41.257E-6	825.14E-12
1	Grid	153.89748	-39.52180	106.80000	0.00989	106.78	-1.1671E-12	-39.814E-6	796.28E-12
1	Grid	155.89266	-39.52180	106.80000	0.01195	106.78	-1.1019E-12	-38.436E-6	769.73E-12
1	Grid	157.88784	-39.52180	106.80000	0.01384	106.78	-1.0398E-12	-37.121E-6	742.41E-12
1	Grid	159.88302	-39.52180	106.80000	0.01549	106.78	0.0	-35.864E-6	717.27E-12
1	Grid	161.87820	-39.52180	106.80000	0.01694	106.78	0.0	-34.662E-6	693.24E-12
1	Grid	163.87338	-39.52180	106.80000	0.01822	106.78	0.0	-33.512E-6	670.25E-12
1	Grid	165.86856	-39.52180	106.80000	0.01934	106.78	0.0	-32.413E-6	648.25E-12
1	Grid	167.86374	-39.52180	106.80000	0.02030	106.78	0.0	-31.360E-6	627.20E-12
1	Grid	169.85892	-39.52180	106.80000	0.02114	106.78	0.0	-30.352E-6	607.03E-12
1	Grid	171.85410	-39.52180	106.80000	0.02185	106.78	0.0	-29.386E-6	587.72E-12
1	Grid	173.84928	-39.52180	106.80000	0.02245	106.78	0.0	-28.460E-6	569.20E-12
1	Grid	175.84446	-39.52180	106.80000	0.02295	106.78	0.0	-27.572E-6	551.44E-12
1	Grid	177.83964	-39.52180	106.80000	0.02336	106.78	0.0	-26.720E-6	534.41E-12
1	Grid	179.83482	-39.52180	106.80000	0.02369	106.78	0.0	-25.903E-6	518.06E-12
1	Grid	181.83000	-39.52180	106.80000	0.02394	106.78	0.0	-25.118E-6	502.37E-12
1	Grid	-95.50000	-37.64705	106.80000	0.00745	106.78	-15.568E-12	-186.61E-6	3.7322E-9
1	Grid	-97.49518	-37.64705	106.80000	-0.00513	106.78	-17.128E-12	-197.48E-6	3.9495E-9
1	Grid	-91.50964	-37.64705	106.80000	0.00248	106.78	-18.868E-12	-209.16E-6	4.1832E-9
1	Grid	-89.51446	-37.64705	106.80000	-0.00054	106.78	-20.817E-12	-221.74E-6	4.4347E-9
1	Grid	-87.51928	-37.64705	106.80000	-0.00398	106.78	-23.006E-12	-235.29E-6	4.7057E-9
1	Grid	-85.52410	-37.64705	106.80000	-0.00788	106.78	-25.466E-12	-249.90E-6	4.9979E-9
1	Grid	-83.52892	-37.64705	106.80000	-0.01231	106.78	-28.236E-12	-265.67E-6	5.3337E-9
1	Grid	-81.53374	-37.64705	106.80000	-0.01731	106.78	-31.358E-12	-282.71E-6	5.6541E-9
1	Grid	-79.53856	-37.64705	106.80000	-0.02296	106.78	-34.893E-12	-301.14E-6	6.0228E-9
1	Grid	-77.54338	-37.64705	106.80000	-0.02933	106.78	-38.889E-12	-321.09E-6	6.4219E-9
1	Grid	-75.54820	-37.64705	106.80000	-0.03651	106.78	-43.420E-12	-342.72E-6	6.8544E-9
1	Grid	-73.55302	-37.64705	106.80000	-0.04459	106.78	-48.572E-12	-366.18E-6	7.3236E-9
1	Grid	-71.55784	-37.64705	106.80000	-0.05368	106.78	-54.434E-12	-391.66E-6	7.8331E-9
1	Grid	-69.56266	-37.64705	106.80000	-0.06389	106.78	-61.114E-12	-419.34E-6	8.3868E-9
1	Grid	-67.56748	-37.64705	106.80000	-0.07535	106.78	-68.752E-12	-449.46E-6	8.9892E-9
1	Grid	-65.57230	-37.64705	106.80000	-0.08819	106.78	-77.489E-12	-482.25E-6	9.6451E-9
1	Grid	-63.57712	-37.64705	106.80000	-0.10255	106.78	-87.507E-12	-517.99E-6	10.360E-9
1	Grid	-61.58194	-37.64705	106.80000	-0.11867	106.78	-99.017E-12	-556.95E-6	11.139E-9
1	Grid	-59.58676	-37.64705	106.80000	-0.13666	106.78	-112.26E-12	-599.48E-6	11.990E-9
1	Grid	-57.59158	-37.64705	106.80000	-0.15675	106.78	-127.52E-12	-645.92E-6	12.918E-9
1	Grid	-55.59640	-37.64705	106.80000	-0.17916	106.78	-145.15E-12	-696.65E-6	13.933E-9
1	Grid	-53.60122	-37.64705	106.80000	-0.20415	106.78	-165.53E-12	-752.18E-6	15.042E-9
1	Grid	-51.60604	-37.64705	106.80000	-0.23186	106.78	-189.15E-12	-812.74E-6	16.255E-9
1	Grid	-49.61086	-37.64705	106.80000	-0.26266	106.78	-216.55E-12	-879.05E-6	17.581E-9
1	Grid	-47.61568	-37.64705	106.80000	-0.29679	106.78	-248.39E-12	-951.56E-6	19.031E-9
1	Grid	-45.62050	-37.64705	106.80000	-0.33450	106.78	-285.45E-12	-0.0010309	20.617E-9
1	Grid	-43.62532	-37.64705	106.80000	-0.37619	106.78	-328.63E-12	-0.001397	22.350E-9
1	Grid	-41.63014	-37.64705	106.80000	-0.42168	106.78	-379.01E-12	-0.0012122	24.244E-9
1	Grid	-39.63496	-37.64705	106.80000	-0.47154	106.78	-437.86E-12	-0.0013155	26.310E-9
1	Grid	-37.63978	-37.64705	106.80000	-0.52573				



Highgate Junior School Sports Hall

Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
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Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
1	Grid	26.20597	-37.64705	106.80000	-0.74288	106.78	-651.50E-12	-0.0015956	31.912E-9
1	Grid	28.20115	-37.64705	106.80000	-0.68450	106.78	-555.00E-12	-0.0014621	29.242E-9
1	Grid	30.19633	-37.64705	106.80000	-0.62943	106.78	-473.78E-12	-0.0013403	26.807E-9
1	Grid	32.19151	-37.64705	106.80000	-0.57812	106.78	-405.39E-12	-0.0012295	24.591E-9
1	Grid	34.18669	-37.64705	106.80000	-0.53088	106.78	-347.74E-12	-0.0011288	22.576E-9
1	Grid	36.18187	-37.64705	106.80000	-0.48793	106.78	-299.08E-12	-0.0010373	20.747E-9
1	Grid	38.17705	-37.64705	106.80000	-0.44936	106.78	-257.91E-12	-954.23E-6	19.085E-9
1	Grid	40.17223	-37.64705	106.80000	-0.41516	106.78	-223.01E-12	-878.76E-6	17.575E-9
1	Grid	42.16741	-37.64705	106.80000	-0.38523	106.78	-193.36E-12	-810.19E-6	16.204E-9
1	Grid	44.16259	-37.64705	106.80000	-0.35945	106.78	-168.09E-12	-747.86E-6	14.957E-9
1	Grid	46.15777	-37.64705	106.80000	-0.33760	106.78	-146.51E-12	-691.16E-6	13.823E-9
1	Grid	48.15295	-37.64705	106.80000	-0.31947	106.78	-128.04E-12	-639.54E-6	12.791E-9
1	Grid	50.14813	-37.64705	106.80000	-0.30482	106.78	-112.18E-12	-592.51E-6	11.850E-9
1	Grid	52.14331	-37.64705	106.80000	-0.29339	106.78	-98.529E-12	-549.62E-6	10.992E-9
1	Grid	54.13849	-37.64705	106.80000	-0.28491	106.78	-86.748E-12	-510.46E-6	10.209E-9
1	Grid	56.13367	-37.64705	106.80000	-0.28003	106.78	-76.560E-12	-474.67E-6	9.4934E-9
1	Grid	58.12885	-37.64705	106.80000	-0.27570	106.78	-67.727E-12	-441.93E-6	8.8385E-9
1	Grid	60.12403	-37.64705	106.80000	-0.27440	106.78	-60.049E-12	-411.93E-6	8.2386E-9
1	Grid	62.11921	-37.64705	106.80000	-0.27490	106.78	-53.359E-12	-384.43E-6	7.6885E-9
1	Grid	64.11439	-37.64705	106.80000	-0.27689	106.78	-47.517E-12	-359.17E-6	7.1834E-9
1	Grid	66.10957	-37.64705	106.80000	-0.28003	106.78	-42.405E-12	-335.96E-6	6.7192E-9
1	Grid	68.10475	-37.64705	106.80000	-0.28397	106.78	-37.918E-12	-314.60E-6	6.2920E-9
1	Grid	70.09993	-37.64705	106.80000	-0.28837	106.78	-33.973E-12	-294.92E-6	5.8985E-9
1	Grid	72.09511	-37.64705	106.80000	-0.29286	106.78	-30.500E-12	-276.77E-6	5.5355E-9
1	Grid	74.09029	-37.64705	106.80000	-0.29707	106.78	-27.433E-12	-260.01E-6	5.2002E-9
1	Grid	76.08547	-37.64705	106.80000	-0.29775	106.78	-24.719E-12	-244.52E-6	4.8904E-9
1	Grid	78.08065	-37.64705	106.80000	-0.30335	106.78	-22.316E-12	-230.18E-6	4.6036E-9
1	Grid	80.07583	-37.64705	106.80000	-0.30480	106.78	-20.178E-12	-216.89E-6	4.3378E-9
1	Grid	82.07101	-37.64705	106.80000	-0.30480	106.78	-18.277E-12	-204.57E-6	4.0914E-9
1	Grid	84.06619	-37.64705	106.80000	-0.30316	106.78	-16.581E-12	-193.12E-6	3.8625E-9
1	Grid	86.06137	-37.64705	106.80000	-0.29970	106.78	-15.071E-12	-182.49E-6	3.6498E-9
1	Grid	88.05655	-37.64705	106.80000	-0.29463	106.78	-13.714E-12	-172.59E-6	3.4518E-9
1	Grid	90.05173	-37.64705	106.80000	-0.28773	106.78	-12.503E-12	-163.37E-6	3.2675E-9
1	Grid	92.04691	-37.64705	106.80000	-0.27917	106.78	-11.415E-12	-154.78E-6	3.0956E-9
1	Grid	94.04209	-37.64705	106.80000	-0.26912	106.78	-10.434E-12	-146.76E-6	2.9351E-9
1	Grid	96.03727	-37.64705	106.80000	-0.25775	106.78	-9.5517E-12	-139.26E-6	2.7853E-9
1	Grid	98.03245	-37.64705	106.80000	-0.24529	106.78	-8.7570E-12	-132.26E-6	2.6451E-9
1	Grid	100.02763	-37.64705	106.80000	-0.23198	106.78	-8.0382E-12	-125.70E-6	2.5140E-9
1	Grid	102.02281	-37.64705	106.80000	-0.21806	106.78	-7.3881E-12	-119.56E-6	2.3911E-9
1	Grid	104.01799	-37.64705	106.80000	-0.20377	106.78	-6.7992E-12	-113.80E-6	2.2759E-9
1	Grid	106.01317	-37.64705	106.80000	-0.18931	106.78	-6.2650E-12	-108.33E-6	2.1678E-9
1	Grid	108.00835	-37.64705	106.80000	-0.17490	106.78	-5.7780E-12	-103.31E-6	2.0663E-9
1	Grid	110.00353	-37.64705	106.80000	-0.16068	106.78	-5.3397E-12	-98.541E-6	1.9708E-9
1	Grid	111.99871	-37.64705	106.80000	-0.14681	106.78	-4.9361E-12	-94.052E-6	1.8810E-9
1	Grid	113.99389	-37.64705	106.80000	-0.13340	106.78	-4.5703E-12	-89.824E-6	1.7965E-9
1	Grid	115.98907	-37.64705	106.80000	-0.12045	106.78	-4.2342E-12	-85.841E-6	1.7168E-9
1	Grid	117.98424	-37.64705	106.80000	-0.10828	106.78	-3.9275E-12	-82.085E-6	1.6417E-9
1	Grid	119.97942	-37.64705	106.80000	-0.09669	106.78	-3.6471E-12	-78.540E-6	1.5708E-9
1	Grid	121.97460	-37.64705	106.80000	-0.08577	106.78	-3.3893E-12	-75.193E-6	1.5039E-9
1	Grid	123.96978	-37.64705	106.80000	-0.07554	106.78	-3.1528E-12	-72.029E-6	1.4406E-9
1	Grid	125.96496	-37.64705	106.80000	-0.06609	106.78	-2.9396E-12	-69.047E-6	1.3807E-9
1	Grid	127.96014	-37.64705	106.80000	-0.05715	106.78	-2.7391E-12	-66.205E-6	1.3241E-9
1	Grid	129.95532	-37.64705	106.80000	-0.04896	106.78	-2.5553E-12	-63.523E-6	1.2705E-9
1	Grid	131.95050	-37.64705	106.80000	-0.04141	106.78	-2.3854E-12	-60.982E-6	1.2196E-9
1	Grid	133.94568	-37.64705	106.80000	-0.03447	106.78	-2.2302E-12	-58.572E-6	1.1714E-9
1	Grid	135.94086	-37.64705	106.80000	-0.02815	106.78	-2.0857E-12	-56.285E-6	1.1258E-9
1	Grid	137.93604	-37.64705	106.80000	-0.02230	106.78	-1.9524E-12	-54.114E-6	1.0823E-9
1	Grid	139.93122	-37.64705	106.80000	-0.01700	106.78	-1.8292E-12	-52.052E-6	1.0410E-9
1	Grid	141.92640	-37.64705	106.80000	-0.01219	106.78	-1.7153E-12	-50.091E-6	1.0018E-9
1	Grid	143.92158	-37.64705	106.80000	-0.00782	106.78	-1.6107E-12	-48.226E-6	964.52E-12
1	Grid	145.91676	-37.64705	106.80000	-0.00420	106.78	-1.5115E-12	-46.451E-6	929.03E-12
1	Grid	147.91194	-37.64705	106.80000	-0.00031	106.78	-1.4209E-12	-44.761E-6	895.23E-12
1	Grid	149.90712	-37.64705	106.80000	0.00290	106.78	-1.3376E-12	-43.151E-6	863.02E-12
1	Grid	151.90230	-37.64705	106.80000	0.00577	106.78	-1.2577E-12	-41.616E-6	832.33E-12
1	Grid	153.89748	-37.64705	106.80000	0.00835	106.78	-1.1851E-12	-40.152E-6	803.05E-12
1	Grid	155.89266	-37.64705	106.80000	0.01068	106.78	-1.1184E-12	-38.756E-6	775.11E-12
1	Grid	157.88784	-37.64705	106.80000	0.01268	106.78	-1.0525E-12	-37.422E-6	748.44E-12
1	Grid	159.88302	-37.64705	106.80000	0.01449	106.78	0.0	-36.148E-6	722.96E-12
1	Grid	161.87820	-37.64705	106.80000	0.01609	106.78	0.0	-34.930E-6	698.61E-12
1	Grid	163.87338	-37.64705	106.80000	0.01749	106.78	0.0	-33.766E-6	675.33E-12
1	Grid	165.86856	-37.64705	106.80000	0.01872	106.78	0.0	-32.653E-6	653.06E-12
1	Grid	167.86374	-37.64705	106.80000	0.01979	106.78	0.0	-31.587E-6	631.75E-12
1	Grid	169.85892	-37.64705	106.80000	0.02071	106.78	0.0	-30.567E-6	611.34E-12
1	Grid	171.85410	-37.64705	106.80000	0.02150	106.78	0.0	-29.590E-6	591.80E-12
1	Grid	173.84928	-37.64705	106.80000	0.02216	106.78	0.0	-28.653E-6	573.07E-12
1	Grid	175.84446	-37.64705	106.80000	0.02272	106.78	0.0	-27.754E-6	555.11E-12
1	Grid	177.83964	-37.64705	106.80000	0.02319	106.78	0.0	-26.895E-6	537.89E-12
1	Grid	179.83482	-37.64705	106.80000	0.02356	106.78	0.0	-26.068E-6	521.37E-12
1	Grid	181.83000	-37.64705	106.80000	0.02385	106.78	0.0	-25.275E-6	505.51E-12
1	Grid	-95.50000	-35.77230	106.80000	0.00668	106.78	-16.185E-12	-190.94E-6	3.8188E-9
1	Grid	-93.50482	-35.77230	106.80000	0.00423	106.78	-17.826E-12	-202.33E-6	3.0447E-9
1	Grid	-91.50964	-35.77230	106.80000	0.00142	106.78	-19.672E-12	-214.40E-6	4.2880E-9
1	Grid	-89.51446	-35.77230	106.80000	-0.00178	106.78	-21.740E-12	-227.51E-6	4.5502E-9
1	Grid	-87.51928	-35.77230	106.80000	-0.00542	106.78	-24.069E-12	-241.66E-6	4.8332E-9
1	Grid	-85.52410	-35.77230	106.80000	-0.00956	106.78	-26.691E-12	-256.95E-6	5.1390E-9
1	Grid	-83.52892	-35.77230	106.80000	-0.01420	106.78	-29.652E-12	-273.48E-6	5.4696E-9
1	Grid	-81.53374	-35.77230	106.80000	-0.01957	106.78	-33.001E-12	-291.38E-6	5.8275E-9
1	Grid	-79.53856	-35.77230	106.80000	-0.02558	106.78	-36.797E-12	-310.77E-6	6.2154E-9
1	Grid	-77.54338	-35.77230	106.80000	-0.03237	106.78	-41.108E-12	-331.82E-6	6.6364E-9
1	Grid	-75.54820	-35.77230	106.80000	-0.04004	106.78	-46.013E-12	-354.68E-6	7.0936E-9
1	Grid	-73.55302	-35.77230	106.80000	-0.04868	106.78	-51.601E-12	-379.548E-6	7.5908E-9
1	Grid	-71.55784	-35.77230	106.80000	-0.05842	106.78	-57.990E-12	-406.60E-6	8.1320E-9
1	Grid	-69.56266	-35.77230	106.80000	-0.06937	106.78	-65.301E-12	-436.10E-6	8.7219E-9
1	Grid	-67.56748	-35.77230	106.80000	-0.08170	106.78	-73.686E-12	-468.27E-6	9.3655E-9
1	Grid	-65.57230	-35.77230	106.80000	-0.09554	106.78	-83.329E-12	-503.41E-6	10.068E-9
1	Grid	-63.57712	-35.77230	106.80000	-0.11110	106.78	-94.432E-12	-541.33E-6	10.837E-9
1	Grid	-61.58194	-35.77230	106.80000	-0.12855	106.78	-107.25E-12	-583.87E-6	11.677E-9
1	Grid	-59.58676	-35.77230	106.80000	-0.14811	106.78	-122.08E-12	-629.92E-6	12.598E-9
1	Grid	-57.59158	-35.77230	106.80000	-0.17004	106.78	-139.2		



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	6.25417	-35.77230	106.80000	-1.56604	106.78	-4.0555E-9	-0.0041754	83.508E-9
1	Grid	8.24935	-35.77230	106.80000	-1.50930	106.78	-3.5583E-9	-0.0039033	78.066E-9
1	Grid	10.24453	-35.77230	106.80000	-1.44513	106.78	-3.0714E-9	-0.0036198	72.396E-9
1	Grid	12.23971	-35.77230	106.80000	-1.37508	106.78	-2.6181E-9	-0.0033358	66.716E-9
1	Grid	14.23489	-35.77230	106.80000	-1.30073	106.78	-2.2120E-9	-0.0030595	61.190E-9
1	Grid	16.23007	-35.77230	106.80000	-1.22361	106.78	-1.8582E-9	-0.0027967	55.934E-9
1	Grid	18.22525	-35.77230	106.80000	-1.14515	106.78	-1.5562E-9	-0.0025508	51.015E-9
1	Grid	20.22043	-35.77230	106.80000	-1.06657	106.78	-1.3020E-9	-0.0023234	46.467E-9
1	Grid	22.21561	-35.77230	106.80000	-0.98897	106.78	-1.0898E-9	-0.0021150	42.299E-9
1	Grid	24.21079	-35.77230	106.80000	-0.91331	106.78	-913.69E-12	-0.0019251	38.503E-9
1	Grid	26.20597	-35.77230	106.80000	-0.84047	106.78	-767.81E-12	-0.0017530	35.059E-9
1	Grid	28.20115	-35.77230	106.80000	-0.77121	106.78	-647.02E-12	-0.0015972	31.944E-9
1	Grid	30.19633	-35.77230	106.80000	-0.70619	106.78	-546.91E-12	-0.0014566	29.132E-9
1	Grid	32.19151	-35.77230	106.80000	-0.64593	106.78	-463.79E-12	-0.0013298	26.596E-9
1	Grid	34.18669	-35.77230	106.80000	-0.59080	106.78	-394.60E-12	-0.0012154	24.309E-9
1	Grid	36.18187	-35.77230	106.80000	-0.54101	106.78	-336.85E-12	-0.0011123	22.247E-9
1	Grid	38.17705	-35.77230	106.80000	-0.49661	106.78	-288.51E-12	-0.0010193	20.386E-9
1	Grid	40.17223	-35.77230	106.80000	-0.45756	106.78	-247.91E-12	-935.38E-6	18.708E-9
1	Grid	42.16741	-35.77230	106.80000	-0.42368	106.78	-213.70E-12	-859.55E-6	17.191E-9
1	Grid	44.16259	-35.77230	106.80000	-0.39476	106.78	-184.78E-12	-790.99E-6	15.820E-9
1	Grid	46.15777	-35.77230	106.80000	-0.37051	106.78	-160.27E-12	-728.93E-6	14.579E-9
1	Grid	48.15295	-35.77230	106.80000	-0.35065	106.78	-139.41E-12	-672.70E-6	13.454E-9
1	Grid	50.14813	-35.77230	106.80000	-0.33485	106.78	-121.62E-12	-621.68E-6	12.434E-9
1	Grid	52.14331	-35.77230	106.80000	-0.32282	106.78	-106.40E-12	-575.34E-6	11.507E-9
1	Grid	54.13849	-35.77230	106.80000	-0.31421	106.78	-93.331E-12	-533.19E-6	10.664E-9
1	Grid	56.13367	-35.77230	106.80000	-0.30820	106.78	-82.086E-12	-494.80E-6	9.895E-9
1	Grid	58.12885	-35.77230	106.80000	-0.30602	106.78	-72.379E-12	-459.78E-6	9.1957E-9
1	Grid	60.12403	-35.77230	106.80000	-0.30576	106.78	-63.979E-12	-427.81E-6	8.5562E-9
1	Grid	62.11921	-35.77230	106.80000	-0.30760	106.78	-56.691E-12	-398.57E-6	7.9715E-9
1	Grid	64.11439	-35.77230	106.80000	-0.31117	106.78	-50.349E-12	-371.80E-6	7.4361E-9
1	Grid	66.10957	-35.77230	106.80000	-0.31609	106.78	-44.818E-12	-347.26E-6	6.9482E-9
1	Grid	68.10475	-35.77230	106.80000	-0.32193	106.78	-39.983E-12	-324.73E-6	6.4945E-9
1	Grid	70.09993	-35.77230	106.80000	-0.32829	106.78	-35.745E-12	-304.01E-6	6.0803E-9
1	Grid	72.09511	-35.77230	106.80000	-0.33472	106.78	-32.024E-12	-284.95E-6	5.6990E-9
1	Grid	74.09029	-35.77230	106.80000	-0.34079	106.78	-28.746E-12	-267.38E-6	5.3476E-9
1	Grid	76.08547	-35.77230	106.80000	-0.34650	106.78	-25.855E-12	-251.17E-6	5.0233E-9
1	Grid	78.08065	-35.77230	106.80000	-0.35014	106.78	-23.298E-12	-236.19E-6	4.7238E-9
1	Grid	80.07583	-35.77230	106.80000	-0.35266	106.78	-21.031E-12	-222.34E-6	4.4467E-9
1	Grid	82.07101	-35.77230	106.80000	-0.35333	106.78	-19.022E-12	-209.51E-6	4.1901E-9
1	Grid	84.06619	-35.77230	106.80000	-0.35194	106.78	-17.233E-12	-197.61E-6	3.9522E-9
1	Grid	86.06137	-35.77230	106.80000	-0.34935	106.78	-15.639E-12	-186.57E-6	3.7314E-9
1	Grid	88.05655	-35.77230	106.80000	-0.34251	106.78	-14.213E-12	-176.31E-6	3.5262E-9
1	Grid	90.05173	-35.77230	106.80000	-0.33449	106.78	-12.939E-12	-166.77E-6	3.3354E-9
1	Grid	92.04691	-35.77230	106.80000	-0.32441	106.78	-11.798E-12	-157.88E-6	3.1576E-9
1	Grid	94.04209	-35.77230	106.80000	-0.31247	106.78	-10.775E-12	-149.60E-6	2.9919E-9
1	Grid	96.03727	-35.77230	106.80000	-0.29984	106.78	-9.8528E-12	-141.87E-6	2.8373E-9
1	Grid	98.03245	-35.77230	106.80000	-0.28411	106.78	-9.0228E-12	-134.64E-6	2.6929E-9
1	Grid	100.02763	-35.77230	106.80000	-0.26828	106.78	-8.2754E-12	-127.89E-6	2.5578E-9
1	Grid	102.02281	-35.77230	106.80000	-0.25177	106.78	-7.5986E-12	-121.57E-6	2.4315E-9
1	Grid	104.01799	-35.77230	106.80000	-0.23487	106.78	-6.9864E-12	-115.65E-6	2.3131E-9
1	Grid	106.01317	-35.77230	106.80000	-0.21807	106.78	-6.4322E-12	-110.10E-6	2.2023E-9
1	Grid	108.00835	-35.77230	106.80000	-0.20095	106.78	-5.9286E-12	-104.90E-6	2.0979E-9
1	Grid	110.00353	-35.77230	106.80000	-0.18436	106.78	-5.4723E-12	-100.00E-6	2.0001E-9
1	Grid	111.99871	-35.77230	106.80000	-0.16824	106.78	-5.0540E-12	-95.404E-6	1.9081E-9
1	Grid	113.99389	-35.77230	106.80000	-0.15273	106.78	-4.6756E-12	-91.077E-6	1.8215E-9
1	Grid	115.98906	-35.77230	106.80000	-0.13745	106.78	-4.3292E-12	-87.002E-6	1.7400E-9
1	Grid	117.98424	-35.77230	106.80000	-0.12386	106.78	-4.0155E-12	-83.163E-6	1.6633E-9
1	Grid	119.97942	-35.77230	106.80000	-0.11062	106.78	-3.7237E-12	-79.542E-6	1.5908E-9
1	Grid	121.97460	-35.77230	106.80000	-0.09821	106.78	-3.4586E-12	-76.124E-6	1.5225E-9
1	Grid	123.96978	-35.77230	106.80000	-0.08662	106.78	-3.2181E-12	-72.896E-6	1.4579E-9
1	Grid	125.96496	-35.77230	106.80000	-0.07586	106.78	-2.9936E-12	-69.848E-6	1.3969E-9
1	Grid	127.96014	-35.77230	106.80000	-0.06591	106.78	-2.7918E-12	-66.958E-6	1.3392E-9
1	Grid	129.95532	-35.77230	106.80000	-0.05672	106.78	-2.6033E-12	-64.226E-6	1.2845E-9
1	Grid	131.95050	-35.77230	106.80000	-0.04828	106.78	-2.4267E-12	-61.639E-6	1.2328E-9
1	Grid	133.94568	-35.77230	106.80000	-0.04055	106.78	-2.2689E-12	-59.186E-6	1.1837E-9
1	Grid	135.94086	-35.77230	106.80000	-0.03406	106.78	-2.1230E-12	-56.860E-6	1.1372E-9
1	Grid	137.93604	-35.77230	106.80000	-0.02703	106.78	-1.9857E-12	-54.653E-6	1.0931E-9
1	Grid	139.93122	-35.77230	106.80000	-0.02117	106.78	-1.8592E-12	-52.556E-6	1.0511E-9
1	Grid	141.92640	-35.77230	106.80000	-0.01585	106.78	-1.7426E-12	-50.564E-6	1.0113E-9
1	Grid	143.92158	-35.77230	106.80000	-0.01104	106.78	-1.6367E-12	-48.670E-6	9.7341E-12
1	Grid	145.91676	-35.77230	106.80000	-0.00669	106.78	-1.5334E-12	-46.869E-6	9.3737E-12
1	Grid	147.91194	-35.77230	106.80000	-0.00278	106.78	-1.4415E-12	-45.154E-6	9.0307E-12
1	Grid	149.90712	-35.77230	106.80000	0.00074	106.78	-1.3549E-12	-43.520E-6	8.7014E-12
1	Grid	151.90230	-35.77230	106.80000	0.00389	106.78	-1.2750E-12	-41.964E-6	8.3928E-12
1	Grid	153.89748	-35.77230	106.80000	0.00671	106.78	-1.2030E-12	-40.480E-6	8.0959E-12
1	Grid	155.89266	-35.77230	106.80000	0.00922	106.78	-1.1304E-12	-39.064E-6	7.8128E-12
1	Grid	157.88784	-35.77230	106.80000	0.01145	106.78	-1.0678E-12	-37.713E-6	7.5426E-12
1	Grid	159.88302	-35.77230	106.80000	0.01343	106.78	-1.0065E-12	-36.423E-6	7.2845E-12
1	Grid	161.87820	-35.77230	106.80000	0.01518	106.78	0.0	-35.190E-6	7.0380E-12
1	Grid	163.87338	-35.77230	106.80000	0.01672	106.78	0.0	-34.012E-6	6.8023E-12
1	Grid	165.86856	-35.77230	106.80000	0.01806	106.78	0.0	-32.885E-6	6.5770E-12
1	Grid	167.86374	-35.77230	106.80000	0.01923	106.78	0.0	-31.807E-6	6.3613E-12
1	Grid	169.85892	-35.77230	106.80000	0.02024	106.78	0.0	-30.775E-6	6.1550E-12
1	Grid	171.85410	-35.77230	106.80000	0.02111	106.78	0.0	-29.787E-6	5.9573E-12
1	Grid	173.84928	-35.77230	106.80000	0.02185	106.78	0.0	-28.840E-6	5.7680E-12
1	Grid	175.84446	-35.77230	106.80000	0.02248	106.78	0.0	-27.932E-6	5.5869E-12
1	Grid	177.83964	-35.77230	106.80000	0.02299	106.78	0.0	-27.062E-6	5.4120E-12
1	Grid	179.83482	-35.77230	106.80000	0.02342	106.78	0.0	-26.228E-6	5.2445E-12
1	Grid	181.83000	-35.77230	106.80000	0.02375	106.78	0.0	-25.427E-6	5.0854E-12
1	Grid	-95.50000	-33.89755	106.80000	0.00592	106.78	-16.801E-12	-195.22E-6	3.9044E-9
1	Grid	-93.50518	-33.89755	106.80000	-0.00333	106.78	-18.535E-12	-206.95E-6	4.1390E-9
1	Grid	-91.50964	-33.89755	106.80000	-0.00037	106.78	-20.482E-12	-219.60E-6	4.3919E-9
1	Grid	-89.51446	-33.89755	106.80000	-0.00301	106.78	-22.675E-12	-233.25E-6	4.6650E-9
1	Grid	-87.51928	-33.89755	106.80000	-0.00686	106.78	-25.147E-12	-248.01E-6	4.9602E-9
1	Grid	-85.52410	-33.89755	106.80000	-0.01123	106.78	-27.936E-12	-263.98E-6	5.2797E-9
1	Grid	-83.52892	-33.89755	106.80000	-0.01620	106.78	-31.096E-12	-281.92E-6	5.6257E-9
1	Grid	-81.53374	-33.89755	106.80000	-0.02183	106.78	-34.681E-12	-300.06E-6	6.0011E-9
1	Grid	-79.53856	-33.89755	106.80000	-0.02821	106.78	-38.753E-12	-320.44E-6	6.4088E-9
1	Grid	-77.54338	-33.897						



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mcd]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mcd]	[mm]				
1	Grid	-13.69763	-33.89755	106.80000	-1.90632	106.78	-5.4632E-9	-0.0049943	99.895E-9
1	Grid	-11.70245	-33.89755	106.80000	-1.87282	106.78	-6.2560E-9	-0.0053305	106.61E-9
1	Grid	-9.70727	-33.89755	106.80000	-1.92654	106.78	-6.9985E-9	-0.0056258	112.52E-9
1	Grid	-7.71209	-33.89755	106.80000	-1.96650	106.78	-7.6187E-9	-0.0058593	117.18E-9
1	Grid	-5.71691	-33.89755	106.80000	-1.99199	106.78	-8.0492E-9	-0.0060124	120.25E-9
1	Grid	-3.72173	-33.89755	106.80000	-2.00257	106.78	-8.2404E-9	-0.0060717	121.43E-9
1	Grid	-1.72655	-33.89755	106.80000	-1.99809	106.78	-8.1691E-9	-0.0060312	120.62E-9
1	Grid	0.26863	-33.89755	106.80000	-1.97870	106.78	-7.8420E-9	-0.0058930	117.86E-9
1	Grid	2.26381	-33.89755	106.80000	-1.94491	106.78	-7.2950E-9	-0.0056675	113.35E-9
1	Grid	4.25899	-33.89755	106.80000	-1.89753	106.78	-6.5872E-9	-0.0053714	107.43E-9
1	Grid	6.25317	-33.89755	106.80000	-1.83793	106.78	-5.7904E-9	-0.0050255	100.51E-9
1	Grid	8.24935	-33.89755	106.80000	-1.76704	106.78	-4.9751E-9	-0.0046513	93.025E-9
1	Grid	10.24453	-33.89755	106.80000	-1.68728	106.78	-4.1982E-9	-0.0042681	85.362E-9
1	Grid	12.23971	-33.89755	106.80000	-1.60051	106.78	-3.4969E-9	-0.0038915	77.830E-9
1	Grid	14.23489	-33.89755	106.80000	-1.50887	106.78	-2.8885E-9	-0.0035324	70.647E-9
1	Grid	16.24007	-33.89755	106.80000	-1.41436	106.78	-2.3754E-9	-0.0031972	63.943E-9
1	Grid	18.25255	-33.89755	106.80000	-1.31873	106.78	-1.9507E-9	-0.0028893	57.785E-9
1	Grid	20.22043	-33.89755	106.80000	-1.22348	106.78	-1.6032E-9	-0.0026094	52.187E-9
1	Grid	22.21561	-33.89755	106.80000	-1.12985	106.78	-1.3207E-9	-0.0023568	47.136E-9
1	Grid	24.21079	-33.89755	106.80000	-1.03894	106.78	-1.0915E-9	-0.0021300	42.600E-9
1	Grid	26.20597	-33.89755	106.80000	-0.95175	106.78	-905.49E-12	-0.0019268	38.537E-9
1	Grid	28.20115	-33.89755	106.80000	-0.86920	106.78	-754.32E-12	-0.0017452	34.904E-9
1	Grid	30.19633	-33.89755	106.80000	-0.79209	106.78	-631.06E-12	-0.0015829	31.657E-9
1	Grid	32.19151	-33.89755	106.80000	-0.72105	106.78	-530.19E-12	-0.0014378	28.756E-9
1	Grid	34.18669	-33.89755	106.80000	-0.65651	106.78	-447.31E-12	-0.0013081	26.162E-9
1	Grid	36.18187	-33.89755	106.80000	-0.59615	106.78	-378.93E-12	-0.0011920	23.841E-9
1	Grid	38.17705	-33.89755	106.80000	-0.54751	106.78	-322.29E-12	-0.0010881	21.762E-9
1	Grid	40.17223	-33.89755	106.80000	-0.50291	106.78	-275.16E-12	-994.86E-6	19.897E-9
1	Grid	42.16741	-33.89755	106.80000	-0.46458	106.78	-235.80E-12	-911.15E-6	18.223E-9
1	Grid	44.16259	-33.89755	106.80000	-0.43219	106.78	-202.80E-12	-835.86E-6	16.717E-9
1	Grid	46.15777	-33.89755	106.80000	-0.40345	106.78	-175.01E-12	-768.06E-6	15.363E-9
1	Grid	48.15295	-33.89755	106.80000	-0.38366	106.78	-151.54E-12	-706.90E-6	14.138E-9
1	Grid	50.14813	-33.89755	106.80000	-0.36673	106.78	-131.63E-12	-651.66E-6	13.033E-9
1	Grid	52.14331	-33.89755	106.80000	-0.35418	106.78	-114.70E-12	-601.67E-6	12.033E-9
1	Grid	54.13849	-33.89755	106.80000	-0.34561	106.78	-100.24E-12	-556.37E-6	11.127E-9
1	Grid	56.13367	-33.89755	106.80000	-0.34065	106.78	-87.858E-12	-515.26E-6	10.305E-9
1	Grid	58.12885	-33.89755	106.80000	-0.33894	106.78	-77.220E-12	-477.89E-6	9.557E-9
1	Grid	60.12403	-33.89755	106.80000	-0.34008	106.78	-68.052E-12	-443.86E-6	8.8773E-9
1	Grid	62.11921	-33.89755	106.80000	-0.34366	106.78	-60.127E-12	-412.84E-6	8.2568E-9
1	Grid	64.11439	-33.89755	106.80000	-0.34927	106.78	-53.262E-12	-384.51E-6	7.6901E-9
1	Grid	66.10957	-33.89755	106.80000	-0.35648	106.78	-47.292E-12	-358.60E-6	7.1719E-9
1	Grid	68.10475	-33.89755	106.80000	-0.36475	106.78	-42.093E-12	-334.86E-6	6.6973E-9
1	Grid	70.09993	-33.89755	106.80000	-0.37363	106.78	-37.549E-12	-313.10E-6	6.2619E-9
1	Grid	72.09511	-33.89755	106.80000	-0.38257	106.78	-33.568E-12	-293.10E-6	5.8620E-9
1	Grid	74.09029	-33.89755	106.80000	-0.39104	106.78	-30.076E-12	-274.71E-6	5.4942E-9
1	Grid	76.08547	-33.89755	106.80000	-0.39949	106.78	-27.000E-12	-259.49E-6	5.1535E-9
1	Grid	78.08065	-33.89755	106.80000	-0.40442	106.78	-24.289E-12	-242.15E-6	4.8431E-9
1	Grid	80.07583	-33.89755	106.80000	-0.40837	106.78	-21.893E-12	-227.73E-6	4.5545E-9
1	Grid	82.07101	-33.89755	106.80000	-0.40997	106.78	-19.768E-12	-214.39E-6	4.2878E-9
1	Grid	84.06619	-33.89755	106.80000	-0.40894	106.78	-17.882E-12	-202.04E-6	4.0408E-9
1	Grid	86.06137	-33.89755	106.80000	-0.40537	106.78	-16.204E-12	-190.60E-6	3.8119E-9
1	Grid	88.05655	-33.89755	106.80000	-0.39845	106.78	-14.711E-12	-179.97E-6	3.5959E-9
1	Grid	90.05173	-33.89755	106.80000	-0.38904	106.78	-13.376E-12	-170.11E-6	3.4021E-9
1	Grid	92.04691	-33.89755	106.80000	-0.37705	106.78	-12.181E-12	-160.93E-6	3.2186E-9
1	Grid	94.04209	-33.89755	106.80000	-0.36278	106.78	-11.113E-12	-152.38E-6	3.0476E-9
1	Grid	96.03727	-33.89755	106.80000	-0.34645	106.78	-10.151E-12	-144.42E-6	2.8933E-9
1	Grid	98.03245	-33.89755	106.80000	-0.32880	106.78	-9.2866E-12	-136.98E-6	2.7396E-9
1	Grid	100.02763	-33.89755	106.80000	-0.30988	106.78	-8.5085E-12	-130.04E-6	2.6008E-9
1	Grid	102.02281	-33.89755	106.80000	-0.29022	106.78	-7.8044E-12	-123.55E-6	2.4709E-9
1	Grid	104.01799	-33.89755	106.80000	-0.27017	106.78	-7.1703E-12	-117.47E-6	2.3494E-9
1	Grid	106.01317	-33.89755	106.80000	-0.25007	106.78	-6.5947E-12	-111.78E-6	2.2355E-9
1	Grid	108.00835	-33.89755	106.80000	-0.23020	106.78	-6.0751E-12	-106.44E-6	2.1287E-9
1	Grid	110.00353	-33.89755	106.80000	-0.21081	106.78	-5.6015E-12	-101.43E-6	2.0285E-9
1	Grid	111.99871	-33.89755	106.80000	-0.19206	106.78	-5.1719E-12	-96.721E-6	1.9344E-9
1	Grid	113.99389	-33.89755	106.80000	-0.17411	106.78	-4.7808E-12	-92.296E-6	1.8459E-9
1	Grid	115.98906	-33.89755	106.80000	-0.15705	106.78	-4.4238E-12	-88.132E-6	1.7626E-9
1	Grid	117.98424	-33.89755	106.80000	-0.14095	106.78	-4.1007E-12	-84.210E-6	1.6842E-9
1	Grid	119.97942	-33.89755	106.80000	-0.12584	106.78	-3.8016E-12	-80.514E-6	1.6103E-9
1	Grid	121.97460	-33.89755	106.80000	-0.11174	106.78	-3.5318E-12	-77.028E-6	1.5406E-9
1	Grid	123.96978	-33.89755	106.80000	-0.09864	106.78	-3.2807E-12	-73.737E-6	1.4747E-9
1	Grid	125.96496	-33.89755	106.80000	-0.08651	106.78	-3.0516E-12	-70.628E-6	1.4125E-9
1	Grid	127.96014	-33.89755	106.80000	-0.07533	106.78	-2.8404E-12	-67.688E-6	1.3538E-9
1	Grid	129.95532	-33.89755	106.80000	-0.06506	106.78	-2.6472E-12	-64.907E-6	1.2981E-9
1	Grid	131.95050	-33.89755	106.80000	-0.05564	106.78	-2.4687E-12	-62.275E-6	1.2455E-9
1	Grid	133.94568	-33.89755	106.80000	-0.04704	106.78	-2.3068E-12	-59.781E-6	1.1956E-9
1	Grid	135.94086	-33.89755	106.80000	-0.03920	106.78	-2.1569E-12	-57.416E-6	1.1483E-9
1	Grid	137.93604	-33.89755	106.80000	-0.03207	106.78	-2.0164E-12	-55.173E-6	1.1035E-9
1	Grid	139.93122	-33.89755	106.80000	-0.02560	106.78	-1.8872E-12	-53.044E-6	1.0609E-9
1	Grid	141.92640	-33.89755	106.80000	-0.01974	106.78	-1.7686E-12	-51.021E-6	1.0204E-9
1	Grid	143.92158	-33.89755	106.80000	-0.01445	106.78	-1.6593E-12	-49.099E-6	981.99E-12
1	Grid	145.91676	-33.89755	106.80000	-0.00968	106.78	-1.5574E-12	-47.272E-6	945.43E-12
1	Grid	147.91194	-33.89755	106.80000	-0.00539	106.78	-1.4622E-12	-45.532E-6	910.65E-12
1	Grid	149.90712	-33.89755	106.80000	-0.00155	106.78	-1.3749E-12	-43.876E-6	877.53E-12
1	Grid	151.90230	-33.89755	106.80000	-0.00190	106.78	-1.2923E-12	-42.299E-6	845.98E-12
1	Grid	153.89748	-33.89755	106.80000	-0.00498	106.78	-1.2157E-12	-40.795E-6	815.91E-12
1	Grid	155.89266	-33.89755	106.80000	-0.00772	106.78	-1.1458E-12	-39.422E-6	787.23E-12
1	Grid	157.88784	-33.89755	106.80000	-0.01016	106.78	-1.0798E-12	-37.993E-6	759.87E-12
1	Grid	159.88302	-33.89755	106.80000	-0.01232	106.78	-1.0192E-12	-36.687E-6	733.75E-12
1	Grid	161.87820	-33.89755	106.80000	-0.01422	106.78	0.0	-35.440E-6	708.80E-12
1	Grid	163.87338	-33.89755	106.80000	-0.01590	106.78	0.0	-34.248E-6	684.96E-12
1	Grid	165.86856	-33.89755	106.80000	-0.01737	106.78	0.0	-33.108E-6	662.16E-12
1	Grid	167.86374	-33.89755	106.80000	-0.01864	106.78	0.0	-32.018E-6	640.36E-12
1	Grid	169.85892	-33.89755	106.80000	-0.01975	106.78	0.0	-30.975E-6	619.49E-12
1	Grid	171.85410	-33.89755	106.80000	-0.02071	106.78	0.0	-29.976E-6	599.52E-12
1	Grid	173.84928	-33.89755	106.80000	-0.02152	106.78	0.0	-29.019E-6	580.39E-12
1	Grid	175.84446	-33.89755	106.80000	-0.02221	106.78	0.0	-28.104E-6	562.09E-12
1	Grid	177.83964	-33.89755	106.80000	-0.02278	106.78	0.0	-27.224E-6	544.47E-12
1	Grid	179.83482	-33.89755	106.80000	-0.02364	106.78	0.0	-26.381E-6	527.62E-12
1	Grid	181.83000	-33.89755	10					



Highgate Junior School Sports Hall

Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mcd]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mcd]	[mm]				
1	Grid	-35.64942	-32.02281	106.80000	-0.91849	106.78	-1.1306E-9	-0.0022613	45.227E-9
1	Grid	-31.65424	-32.02281	106.80000	-1.03084	106.78	-1.3575E-9	-0.0024989	49.978E-9
1	Grid	-29.65906	-32.02281	106.80000	-1.15212	106.78	-1.6372E-9	-0.0027639	55.278E-9
1	Grid	-27.66388	-32.02281	106.80000	-1.28076	106.78	-1.9834E-9	-0.0030593	61.186E-9
1	Grid	-25.66871	-32.02281	106.80000	-1.41424	106.78	-2.4141E-9	-0.0033879	67.758E-9
1	Grid	-23.67353	-32.02281	106.80000	-1.54932	106.78	-2.9507E-9	-0.0037524	75.047E-9
1	Grid	-21.67835	-32.02281	106.80000	-1.68249	106.78	-3.6182E-9	-0.0041542	83.083E-9
1	Grid	-19.68317	-32.02281	106.80000	-1.81045	106.78	-4.4416E-9	-0.0045930	91.859E-9
1	Grid	-17.68799	-32.02281	106.80000	-1.93033	106.78	-5.4397E-9	-0.0050648	101.30E-9
1	Grid	-15.69281	-32.02281	106.80000	-2.03966	106.78	-6.6131E-9	-0.0055601	111.20E-9
1	Grid	-13.69763	-32.02281	106.80000	-2.13635	106.78	-7.9296E-9	-0.0060621	121.24E-9
1	Grid	-11.70245	-32.02281	106.80000	-2.21861	106.78	-9.3124E-9	-0.0065456	130.91E-9
1	Grid	-9.70727	-32.02281	106.80000	-2.28497	106.78	-10.641E-9	-0.0069788	139.58E-9
1	Grid	-7.71209	-32.02281	106.80000	-2.33426	106.78	-11.770E-9	-0.0073274	146.55E-9
1	Grid	-5.71691	-32.02281	106.80000	-2.36559	106.78	-12.563E-9	-0.0075597	151.19E-9
1	Grid	-3.72173	-32.02281	106.80000	-2.37934	106.78	-12.921E-9	-0.0076532	153.06E-9
1	Grid	-1.72655	-32.02281	106.80000	-2.37234	106.78	-12.798E-9	-0.0075974	151.95E-9
1	Grid	0.26863	-32.02281	106.80000	-2.34773	106.78	-12.207E-9	-0.0073958	147.91E-9
1	Grid	2.26381	-32.02281	106.80000	-2.30509	106.78	-11.218E-9	-0.0070656	141.31E-9
1	Grid	4.25899	-32.02281	106.80000	-2.24539	106.78	-9.9506E-9	-0.0066350	132.70E-9
1	Grid	6.25417	-32.02281	106.80000	-2.17008	106.78	-8.5490E-9	-0.0061382	122.76E-9
1	Grid	8.24935	-32.02281	106.80000	-2.08106	106.78	-7.1527E-9	-0.0056104	112.21E-9
1	Grid	10.24453	-32.02281	106.80000	-1.98079	106.78	-5.8666E-9	-0.0050816	101.63E-9
1	Grid	12.23971	-32.02281	106.80000	-1.87213	106.78	-4.7493E-9	-0.0045738	91.476E-9
1	Grid	14.23489	-32.02281	106.80000	-1.75803	106.78	-3.8178E-9	-0.0041010	82.020E-9
1	Grid	16.23007	-32.02281	106.80000	-1.63921	106.78	-3.0621E-9	-0.0036699	73.395E-9
1	Grid	18.22525	-32.02281	106.80000	-1.52391	106.78	-2.4587E-9	-0.0032819	65.638E-9
1	Grid	20.22043	-32.02281	106.80000	-1.40778	106.78	-1.9808E-9	-0.0029361	58.722E-9
1	Grid	22.21561	-32.02281	106.80000	-1.29420	106.78	-1.6033E-9	-0.0026294	52.588E-9
1	Grid	24.21079	-32.02281	106.80000	-1.18435	106.78	-1.3048E-9	-0.0023581	47.162E-9
1	Grid	26.20597	-32.02281	106.80000	-1.07038	106.78	-1.0679E-9	-0.0021194	42.368E-9
1	Grid	28.20115	-32.02281	106.80000	-0.98040	106.78	-878.87E-12	-0.0019066	38.133E-9
1	Grid	30.19633	-32.02281	106.80000	-0.88844	106.78	-727.41E-12	-0.0017194	34.388E-9
1	Grid	32.19151	-32.02281	106.80000	-0.80429	106.78	-605.29E-12	-0.0015537	31.074E-9
1	Grid	34.18669	-32.02281	106.80000	-0.72844	106.78	-506.28E-12	-0.0014068	28.136E-9
1	Grid	36.18187	-32.02281	106.80000	-0.66072	106.78	-425.55E-12	-0.0012764	25.528E-9
1	Grid	38.17705	-32.02281	106.80000	-0.60208	106.78	-359.38E-12	-0.0011604	23.209E-9
1	Grid	40.17223	-32.02281	106.80000	-0.55115	106.78	-304.85E-12	-0.0010571	21.142E-9
1	Grid	42.16741	-32.02281	106.80000	-0.50783	106.78	-259.70E-12	-964.85E-6	19.297E-9
1	Grid	44.16259	-32.02281	106.80000	-0.47163	106.78	-222.13E-12	-882.34E-6	17.647E-9
1	Grid	46.15777	-32.02281	106.80000	-0.44200	106.78	-190.74E-12	-808.41E-6	16.168E-9
1	Grid	48.15295	-32.02281	106.80000	-0.41843	106.78	-164.39E-12	-742.03E-6	14.841E-9
1	Grid	50.14813	-32.02281	106.80000	-0.40041	106.78	-142.19E-12	-682.32E-6	13.646E-9
1	Grid	52.14331	-32.02281	106.80000	-0.38747	106.78	-123.41E-12	-628.51E-6	12.570E-9
1	Grid	54.13849	-32.02281	106.80000	-0.37915	106.78	-107.45E-12	-579.93E-6	11.599E-9
1	Grid	56.13367	-32.02281	106.80000	-0.37502	106.78	-93.856E-12	-535.99E-6	10.720E-9
1	Grid	58.12885	-32.02281	106.80000	-0.37464	106.78	-82.228E-12	-496.17E-6	9.9234E-9
1	Grid	60.12403	-32.02281	106.80000	-0.37759	106.78	-72.252E-12	-460.03E-6	9.2006E-9
1	Grid	62.11921	-32.02281	106.80000	-0.38341	106.78	-63.660E-12	-427.17E-6	8.5433E-9
1	Grid	64.11439	-32.02281	106.80000	-0.39162	106.78	-56.244E-12	-397.23E-6	7.9447E-9
1	Grid	66.10957	-32.02281	106.80000	-0.40181	106.78	-49.823E-12	-369.93E-6	7.3985E-9
1	Grid	68.10475	-32.02281	106.80000	-0.41313	106.78	-44.241E-12	-344.97E-6	6.8994E-9
1	Grid	70.09993	-32.02281	106.80000	-0.42525	106.78	-39.377E-12	-322.13E-6	6.4427E-9
1	Grid	72.09511	-32.02281	106.80000	-0.43743	106.78	-35.135E-12	-301.20E-6	6.0240E-9
1	Grid	74.09029	-32.02281	106.80000	-0.44901	106.78	-31.418E-12	-281.98E-6	5.6396E-9
1	Grid	76.08547	-32.02281	106.80000	-0.46189	106.78	-28.157E-12	-264.31E-6	5.2952E-9
1	Grid	78.08065	-32.02281	106.80000	-0.46768	106.78	-25.287E-12	-248.04E-6	4.9609E-9
1	Grid	80.07583	-32.02281	106.80000	-0.47354	106.78	-22.752E-12	-233.05E-6	4.6609E-9
1	Grid	82.07101	-32.02281	106.80000	-0.47639	106.78	-20.515E-12	-219.20E-6	4.3840E-9
1	Grid	84.06619	-32.02281	106.80000	-0.47589	106.78	-18.532E-12	-206.40E-6	4.1280E-9
1	Grid	86.06137	-32.02281	106.80000	-0.47182	106.78	-16.771E-12	-194.55E-6	3.8910E-9
1	Grid	88.05655	-32.02281	106.80000	-0.46415	106.78	-15.204E-12	-183.57E-6	3.6714E-9
1	Grid	90.05173	-32.02281	106.80000	-0.45299	106.78	-13.810E-12	-173.38E-6	3.4676E-9
1	Grid	92.04691	-32.02281	106.80000	-0.43860	106.78	-12.560E-12	-163.91E-6	3.2782E-9
1	Grid	94.04209	-32.02281	106.80000	-0.42139	106.78	-11.445E-12	-155.11E-6	3.1021E-9
1	Grid	96.03727	-32.02281	106.80000	-0.40181	106.78	-10.443E-12	-146.91E-6	2.9381E-9
1	Grid	98.03245	-32.02281	106.80000	-0.38038	106.78	-9.5490E-12	-139.26E-6	2.7853E-9
1	Grid	100.02763	-32.02281	106.80000	-0.35765	106.78	-8.7363E-12	-132.13E-6	2.6426E-9
1	Grid	102.02281	-32.02281	106.80000	-0.33411	106.78	-8.0089E-12	-125.47E-6	2.5093E-9
1	Grid	104.01799	-32.02281	106.80000	-0.31023	106.78	-7.3515E-12	-119.23E-6	2.3847E-9
1	Grid	106.01317	-32.02281	106.80000	-0.28642	106.78	-6.7566E-12	-113.40E-6	2.2680E-9
1	Grid	108.00835	-32.02281	106.80000	-0.26303	106.78	-6.2184E-12	-107.94E-6	2.1587E-9
1	Grid	110.00353	-32.02281	106.80000	-0.24032	106.78	-5.7301E-12	-102.81E-6	2.0562E-9
1	Grid	111.99871	-32.02281	106.80000	-0.21850	106.78	-5.2871E-12	-97.998E-6	1.9600E-9
1	Grid	113.99389	-32.02281	106.80000	-0.19772	106.78	-4.8821E-12	-93.477E-6	1.8695E-9
1	Grid	115.98907	-32.02281	106.80000	-0.17808	106.78	-4.5171E-12	-89.226E-6	1.7845E-9
1	Grid	117.98424	-32.02281	106.80000	-0.15964	106.78	-4.1800E-12	-85.225E-6	1.7045E-9
1	Grid	119.97942	-32.02281	106.80000	-0.14243	106.78	-3.8742E-12	-81.456E-6	1.6291E-9
1	Grid	121.97460	-32.02281	106.80000	-0.12643	106.78	-3.5971E-12	-77.902E-6	1.5580E-9
1	Grid	123.96978	-32.02281	106.80000	-0.11163	106.78	-3.3407E-12	-74.550E-6	1.4910E-9
1	Grid	125.96496	-32.02281	106.80000	-0.09799	106.78	-3.1068E-12	-71.384E-6	1.4277E-9
1	Grid	127.96014	-32.02281	106.80000	-0.08546	106.78	-2.8910E-12	-68.393E-6	1.3679E-9
1	Grid	129.95532	-32.02281	106.80000	-0.07399	106.78	-2.6918E-12	-65.565E-6	1.3113E-9
1	Grid	131.95050	-32.02281	106.80000	-0.06351	106.78	-2.5133E-12	-62.888E-6	1.2578E-9
1	Grid	133.94568	-32.02281	106.80000	-0.05396	106.78	-2.3428E-12	-60.354E-6	1.2071E-9
1	Grid	135.94086	-32.02281	106.80000	-0.04521	106.78	-2.1874E-12	-57.950E-6	1.1590E-9
1	Grid	137.93604	-32.02281	106.80000	-0.03741	106.78	-2.0490E-12	-55.675E-6	1.1135E-9
1	Grid	139.93122	-32.02281	106.80000	-0.03029	106.78	-1.9158E-12	-53.514E-6	1.0703E-9
1	Grid	141.92640	-32.02281	106.80000	-0.02385	106.78	-1.7939E-12	-51.462E-6	1.0292E-9
1	Grid	143.92158	-32.02281	106.80000	-0.01805	106.78	-1.6813E-12	-49.512E-6	990.25E-12
1	Grid	145.91676	-32.02281	106.80000	-0.01282	106.78	-1.5801E-12	-47.659E-6	953.19E-12
1	Grid	147.91194	-32.02281	106.80000	-0.00815	106.78	-1.4821E-12	-45.897E-6	917.93E-12
1	Grid	149.90712	-32.02281	106.80000	-0.00395	106.78	-1.3922E-12	-44.219E-6	884.38E-12
1	Grid	151.90230	-32.02281	106.80000	-0.00019	106.78	-1.3103E-12	-42.621E-6	852.42E-12
1	Grid	153.89748	-32.02281	106.80000	0.00316	106.78	-1.2330E-12	-41.099E-6	821.97E-12
1	Grid	155.89266	-32.02281	106.80000	0.00615	106.78	-1.1591E-12	-39.747E-6	792.95E-12
1	Grid	157.88784	-32.02281	106.80000	0.00880	106.78	-1.0925E-12	-38.263E-6	765.26E-12
1	Grid	159.88302	-32.02281	106.80000	0.01114	106.78	-1.0305E-12	-36.942E-6	738.83E-12
1	Grid								

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.	
						3244			
							Drg. Ref.		
							Made by AC	Date	Checked
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[MOD]	[mm]	[MOD]	[kN/m²]	[kN/m²]	[µ]
1	Grid	-53.60122	-30.14806	106.80000	-0.27910	106.78	-242.72E-12	-942.25E-6	18.845E-9
1	Grid	-51.60604	-30.14806	106.80000	-0.31957	106.78	-283.24E-12	-0.0010308	20.617E-9
1	Grid	-49.61086	-30.14806	106.80000	-0.36539	106.78	-331.65E-12	-0.0011297	22.594E-9
1	Grid	-47.61568	-30.14806	106.80000	-0.41729	106.78	-389.69E-12	-0.0012402	24.804E-9
1	Grid	-45.62050	-30.14806	106.80000	-0.47607	106.78	-459.51E-12	-0.0013638	27.277E-9
1	Grid	-43.62532	-30.14806	106.80000	-0.54266	106.78	-543.83E-12	-0.0015024	30.048E-9
1	Grid	-41.63014	-30.14806	106.80000	-0.61806	106.78	-646.07E-12	-0.0016579	33.158E-9
1	Grid	-39.63496	-30.14806	106.80000	-0.70339	106.78	-770.56E-12	-0.0018325	36.651E-9
1	Grid	-37.63978	-30.14806	106.80000	-0.79978	106.78	-922.87E-12	-0.0020289	40.578E-9
1	Grid	-35.64460	-30.14806	106.80000	-0.90838	106.78	-1.1102E-9	-0.0022500	44.999E-9
1	Grid	-33.64942	-30.14806	106.80000	-1.03009	106.78	-1.3421E-9	-0.0024991	49.981E-9
1	Grid	-31.65424	-30.14806	106.80000	-1.16536	106.78	-1.6309E-9	-0.0027800	55.600E-9
1	Grid	-29.65906	-30.14806	106.80000	-1.31374	106.78	-1.9937E-9	-0.0030973	61.946E-9
1	Grid	-27.66388	-30.14806	106.80000	-1.47338	106.78	-2.4530E-9	-0.0034559	69.117E-9
1	Grid	-25.66871	-30.14806	106.80000	-1.64078	106.78	-3.0397E-9	-0.0038613	77.225E-9
1	Grid	-23.67353	-30.14806	106.80000	-1.81105	106.78	-3.7946E-9	-0.0043194	86.388E-9
1	Grid	-21.67835	-30.14806	106.80000	-1.97893	106.78	-4.7697E-9	-0.0048358	96.716E-9
1	Grid	-19.68317	-30.14806	106.80000	-2.13986	106.78	-6.0263E-9	-0.0054143	108.28E-9
1	Grid	-17.68799	-30.14806	106.80000	-2.29024	106.78	-7.6251E-9	-0.0060542	121.08E-9
1	Grid	-15.69281	-30.14806	106.80000	-2.42712	106.78	-9.6023E-9	-0.0067470	134.94E-9
1	Grid	-13.69763	-30.14806	106.80000	-2.54793	106.78	-11.931E-9	-0.0074710	149.42E-9
1	Grid	-11.70245	-30.14806	106.80000	-2.65056	106.78	-14.481E-9	-0.0081887	163.77E-9
1	Grid	-9.70727	-30.14806	106.80000	-2.73327	106.78	-17.004E-9	-0.0088475	176.95E-9
1	Grid	-7.71209	-30.14806	106.80000	-2.79462	106.78	-19.187E-9	-0.0093875	187.75E-9
1	Grid	-5.71691	-30.14806	106.80000	-2.83350	106.78	-20.734E-9	-0.0097535	195.07E-9
1	Grid	-3.72173	-30.14806	106.80000	-2.84911	106.78	-21.438E-9	-0.0099057	198.11E-9
1	Grid	-1.72655	-30.14806	106.80000	-2.84114	106.78	-21.213E-9	-0.0098261	196.52E-9
1	Grid	0.26863	-30.14806	106.80000	-2.80970	106.78	-20.081E-9	-0.0095207	190.41E-9
1	Grid	2.26381	-30.14806	106.80000	-2.75545	106.78	-18.184E-9	-0.0090185	180.37E-9
1	Grid	4.25899	-30.14806	106.80000	-2.67952	106.78	-15.769E-9	-0.0083682	167.36E-9
1	Grid	6.25417	-30.14806	106.80000	-2.58359	106.78	-13.152E-9	-0.0076299	152.60E-9
1	Grid	8.24935	-30.14806	106.80000	-2.47001	106.78	-10.630E-9	-0.0068628	137.25E-9
1	Grid	10.24453	-30.14806	106.80000	-2.34206	106.78	-8.4064E-9	-0.0061150	122.30E-9
1	Grid	12.23971	-30.14806	106.80000	-2.20388	106.78	-6.5668E-9	-0.0054180	108.36E-9
1	Grid	14.23489	-30.14806	106.80000	-2.05994	106.78	-5.1074E-9	-0.0047875	95.749E-9
1	Grid	16.23007	-30.14806	106.80000	-1.91406	106.78	-3.9776E-9	-0.0042280	84.559E-9
1	Grid	18.22525	-30.14806	106.80000	-1.76898	106.78	-3.1129E-9	-0.0037369	74.737E-9
1	Grid	20.22043	-30.14806	106.80000	-1.62650	106.78	-2.4530E-9	-0.0033085	66.169E-9
1	Grid	22.21561	-30.14806	106.80000	-1.48787	106.78	-1.9480E-9	-0.0029356	58.711E-9
1	Grid	24.21079	-30.14806	106.80000	-1.35425	106.78	-1.5594E-9	-0.0026111	52.222E-9
1	Grid	26.20597	-30.14806	106.80000	-1.22693	106.78	-1.2581E-9	-0.0023285	46.571E-9
1	Grid	28.20115	-30.14806	106.80000	-1.10734	106.78	-1.0226E-9	-0.0020820	41.640E-9
1	Grid	30.19633	-30.14806	106.80000	-0.99684	106.78	-837.06E-12	-0.0018664	37.329E-9
1	Grid	32.19151	-30.14806	106.80000	-0.89653	106.78	-689.74E-12	-0.0016775	33.550E-9
1	Grid	34.18669	-30.14806	106.80000	-0.80700	106.78	-571.87E-12	-0.0015115	30.230E-9
1	Grid	36.18187	-30.14806	106.80000	-0.72834	106.78	-476.90E-12	-0.0013537	27.306E-9
1	Grid	38.17705	-30.14806	106.80000	-0.66023	106.78	-399.87E-12	-0.0012362	24.724E-9
1	Grid	40.17223	-30.14806	106.80000	-0.60210	106.78	-337.00E-12	-0.0011219	22.438E-9
1	Grid	42.16741	-30.14806	106.80000	-0.55324	106.78	-285.38E-12	-0.0010205	20.410E-9
1	Grid	44.16259	-30.14806	106.80000	-0.51290	106.78	-242.78E-12	-930.26E-6	18.605E-9
1	Grid	46.15777	-30.14806	106.80000	-0.48033	106.78	-207.43E-12	-849.81E-6	16.996E-9
1	Grid	48.15295	-30.14806	106.80000	-0.45485	106.78	-177.95E-12	-777.93E-6	15.558E-9
1	Grid	50.14813	-30.14806	106.80000	-0.43582	106.78	-153.27E-12	-713.53E-6	14.271E-9
1	Grid	52.14331	-30.14806	106.80000	-0.42266	106.78	-132.49E-12	-655.74E-6	13.115E-9
1	Grid	54.13849	-30.14806	106.80000	-0.41484	106.78	-114.94E-12	-603.74E-6	12.075E-9
1	Grid	56.13367	-30.14806	106.80000	-0.41187	106.78	-100.06E-12	-556.87E-6	11.137E-9
1	Grid	58.12885	-30.14806	106.80000	-0.41327	106.78	-87.387E-12	-514.54E-6	10.291E-9
1	Grid	60.12403	-30.14806	106.80000	-0.41854	106.78	-76.555E-12	-476.23E-6	9.5245E-9
1	Grid	62.11921	-30.14806	106.80000	-0.42721	106.78	-67.272E-12	-441.48E-6	8.8297E-9
1	Grid	64.11439	-30.14806	106.80000	-0.43872	106.78	-59.280E-12	-409.92E-6	8.1984E-9
1	Grid	66.10957	-30.14806	106.80000	-0.45250	106.78	-52.385E-12	-381.20E-6	7.6239E-9
1	Grid	68.10475	-30.14806	106.80000	-0.46789	106.78	-46.410E-12	-355.01E-6	7.1001E-9
1	Grid	70.09993	-30.14806	106.80000	-0.48417	106.78	-41.224E-12	-331.09E-6	6.6217E-9
1	Grid	72.09511	-30.14806	106.80000	-0.50054	106.78	-36.710E-12	-309.21E-6	6.1841E-9
1	Grid	74.09029	-30.14806	106.80000	-0.51618	106.78	-32.764E-12	-289.16E-6	5.7831E-9
1	Grid	76.08547	-30.14806	106.80000	-0.53022	106.78	-29.310E-12	-270.75E-6	5.4151E-9
1	Grid	78.08065	-30.14806	106.80000	-0.54182	106.78	-26.279E-12	-253.84E-6	5.0768E-9
1	Grid	80.07583	-30.14806	106.80000	-0.55022	106.78	-23.612E-12	-238.27E-6	4.7654E-9
1	Grid	82.07101	-30.14806	106.80000	-0.55478	106.78	-21.258E-12	-223.92E-6	4.4784E-9
1	Grid	84.06619	-30.14806	106.80000	-0.55502	106.78	-19.177E-12	-210.67E-6	4.2134E-9
1	Grid	86.06137	-30.14806	106.80000	-0.55069	106.78	-17.330E-12	-198.42E-6	3.9684E-9
1	Grid	88.05655	-30.14806	106.80000	-0.54174	106.78	-15.694E-12	-187.08E-6	3.7416E-9
1	Grid	90.05173	-30.14806	106.80000	-0.52836	106.78	-14.236E-12	-176.57E-6	3.5315E-9
1	Grid	92.04691	-30.14806	106.80000	-0.51092	106.78	-12.936E-12	-166.82E-6	3.3364E-9
1	Grid	94.04209	-30.14806	106.80000	-0.48995	106.78	-11.774E-12	-157.76E-6	3.1552E-9
1	Grid	96.03727	-30.14806	106.80000	-0.46610	106.78	-10.735E-12	-149.33E-6	2.9866E-9
1	Grid	98.03245	-30.14806	106.80000	-0.44008	106.78	-9.8015E-12	-141.48E-6	2.8296E-9
1	Grid	100.02763	-30.14806	106.80000	-0.41258	106.78	-8.9622E-12	-134.16E-6	2.6832E-9
1	Grid	102.02281	-30.14806	106.80000	-0.38426	106.78	-8.2081E-12	-127.33E-6	2.5466E-9
1	Grid	104.01799	-30.14806	106.80000	-0.35571	106.78	-7.5293E-12	-120.95E-6	2.4189E-9
1	Grid	106.01317	-30.14806	106.80000	-0.32743	106.78	-6.9151E-12	-114.98E-6	2.2995E-9
1	Grid	108.00835	-30.14806	106.80000	-0.29982	106.78	-6.3589E-12	-109.39E-6	2.1877E-9
1	Grid	110.00353	-30.14806	106.80000	-0.27319	106.78	-5.8527E-12	-104.15E-6	2.0830E-9
1	Grid	111.99871	-30.14806	106.80000	-0.24778	106.78	-5.3990E-12	-99.234E-6	1.9847E-9
1	Grid	113.99388	-30.14806	106.80000	-0.22372	106.78	-4.9827E-12	-94.619E-6	1.8924E-9
1	Grid	115.98906	-30.14806	106.80000	-0.20113	106.78	-4.6056E-12	-90.283E-6	1.8057E-9
1	Grid	117.98424	-30.14806	106.80000	-0.18003	106.78	-4.2633E-12	-86.204E-6	1.7241E-9
1	Grid	119.97942	-30.14806	106.80000	-0.16043	106.78	-3.9488E-12	-82.363E-6	1.6473E-9
1	Grid	121.97460	-30.14806	106.80000	-0.14231	106.78	-3.6631E-12	-78.745E-6	1.5749E-9
1	Grid	123.96978	-30.14806	106.80000	-0.12562	106.78	-3.3986E-12	-75.333E-6	1.5067E-9
1	Grid	125.96496	-30.14806	106.80000	-0.11031	106.78	-3.1588E-12	-72.113E-6	1.4423E-9
1	Grid	127.96014	-30.14806	106.80000	-0.09629	106.78	-2.9403E-12	-69.072E-	



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]
1	Grid	-73.55302	-28.27331	106.80000	-0.06509	106.78	-64.742E-12	-433.88E-6	8.6777E-9
1	Grid	-71.55784	-28.27331	106.80000	-0.07750	106.78	-73.558E-12	-467.82E-6	9.3565E-9
1	Grid	-69.56266	-28.27331	106.80000	-0.09159	106.78	-83.808E-12	-505.22E-6	10.104E-9
1	Grid	-67.56748	-28.27331	106.80000	-0.10756	106.78	-95.765E-12	-546.48E-6	10.930E-9
1	Grid	-65.57230	-28.27331	106.80000	-0.12567	106.78	-109.75E-12	-592.11E-6	11.842E-9
1	Grid	-63.57712	-28.27331	106.80000	-0.14622	106.78	-126.17E-12	-642.64E-6	12.853E-9
1	Grid	-61.58194	-28.27331	106.80000	-0.16952	106.78	-145.50E-12	-698.72E-6	13.974E-9
1	Grid	-59.58676	-28.27331	106.80000	-0.19596	106.78	-168.34E-12	-761.06E-6	15.221E-9
1	Grid	-57.59158	-28.27331	106.80000	-0.22598	106.78	-195.43E-12	-830.49E-6	16.610E-9
1	Grid	-55.59640	-28.27331	106.80000	-0.26006	106.78	-227.67E-12	-907.97E-6	18.159E-9
1	Grid	-53.60122	-28.27331	106.80000	-0.29879	106.78	-266.17E-12	-994.59E-6	19.892E-9
1	Grid	-51.60604	-28.27331	106.80000	-0.34283	106.78	-312.35E-12	-0.0010916	21.832E-9
1	Grid	-49.61086	-28.27331	106.80000	-0.39293	106.78	-367.93E-12	-0.0012005	24.009E-9
1	Grid	-47.61568	-28.27331	106.80000	-0.45000	106.78	-435.10E-12	-0.0013228	26.456E-9
1	Grid	-45.62050	-28.27331	106.80000	-0.51506	106.78	-516.63E-12	-0.0014606	29.212E-9
1	Grid	-43.62532	-28.27331	106.80000	-0.58930	106.78	-616.01E-12	-0.0016160	32.321E-9
1	Grid	-41.63014	-28.27331	106.80000	-0.67411	106.78	-737.73E-12	-0.0017917	35.833E-9
1	Grid	-39.63496	-28.27331	106.80000	-0.77107	106.78	-887.56E-12	-0.0019904	39.808E-9
1	Grid	-37.63978	-28.27331	106.80000	-0.88196	106.78	-1.0730E-9	-0.0022158	44.315E-9
1	Grid	-35.64460	-28.27331	106.80000	-1.00871	106.78	-1.3041E-9	-0.0024717	49.434E-9
1	Grid	-33.64942	-28.27331	106.80000	-1.15291	106.78	-1.5943E-9	-0.0027630	55.260E-9
1	Grid	-31.65424	-28.27331	106.80000	-1.31700	106.78	-1.9617E-9	-0.0030952	61.904E-9
1	Grid	-29.65906	-28.27331	106.80000	-1.50050	106.78	-2.4319E-9	-0.0034750	69.500E-9
1	Grid	-27.66388	-28.27331	106.80000	-1.70193	106.78	-3.0411E-9	-0.0039104	78.208E-9
1	Grid	-25.66871	-28.27331	106.80000	-1.91629	106.78	-3.8412E-9	-0.0044112	88.224E-9
1	Grid	-23.67353	-28.27331	106.80000	-2.15504	106.78	-4.9070E-9	-0.0050987	99.774E-9
1	Grid	-21.67835	-28.27331	106.80000	-2.35086	106.78	-6.3437E-9	-0.0056558	113.12E-9
1	Grid	-19.68317	-28.27331	106.80000	-2.55599	106.78	-8.2933E-9	-0.0064253	128.51E-9
1	Grid	-17.68799	-28.27331	106.80000	-2.74695	106.78	-10.927E-9	-0.0073064	146.13E-9
1	Grid	-15.69281	-28.27331	106.80000	-2.92040	106.78	-14.402E-9	-0.0082975	165.95E-9
1	Grid	-13.69763	-28.27331	106.80000	-3.09330	106.78	-18.768E-9	-0.0093750	187.50E-9
1	Grid	-11.70245	-28.27331	106.80000	-3.20250	106.78	-23.816E-9	-0.010483	209.65E-9
1	Grid	-9.70727	-28.27331	106.80000	-3.30670	106.78	-28.998E-9	-0.011530	230.59E-9
1	Grid	-7.71209	-28.27331	106.80000	-3.38402	106.78	-33.551E-9	-0.012405	248.10E-9
1	Grid	-5.71691	-28.27331	106.80000	-3.43295	106.78	-36.777E-9	-0.013007	260.13E-9
1	Grid	-3.72173	-28.27331	106.80000	-3.45241	106.78	-38.249E-9	-0.013214	265.77E-9
1	Grid	-1.72655	-28.27331	106.80000	-3.44187	106.78	-37.804E-9	-0.013146	262.91E-9
1	Grid	0.26863	-28.27331	106.80000	-3.40142	106.78	-35.488E-9	-0.012662	253.24E-9
1	Grid	2.26381	-28.27331	106.80000	-3.33174	106.78	-31.568E-9	-0.011863	237.25E-9
1	Grid	4.25899	-28.27331	106.80000	-3.23410	106.78	-26.592E-9	-0.010835	216.69E-9
1	Grid	6.25417	-28.27331	106.80000	-3.11028	106.78	-21.316E-9	-0.0096889	193.78E-9
1	Grid	8.24935	-28.27331	106.80000	-2.96287	106.78	-16.445E-9	-0.0085329	170.66E-9
1	Grid	10.24453	-28.27331	106.80000	-2.79611	106.78	-12.393E-9	-0.0074455	148.91E-9
1	Grid	12.23971	-28.27331	106.80000	-2.61649	106.78	-9.2507E-9	-0.0064694	129.39E-9
1	Grid	14.23489	-28.27331	106.80000	-2.43145	106.78	-6.9105E-9	-0.0056179	112.36E-9
1	Grid	16.23007	-28.27331	106.80000	-2.24682	106.78	-5.1993E-9	-0.0048665	97.729E-9
1	Grid	18.22525	-28.27331	106.80000	-2.06579	106.78	-3.9526E-9	-0.0042625	85.249E-9
1	Grid	20.22043	-28.27331	106.80000	-1.88973	106.78	-3.0400E-9	-0.0037310	74.620E-9
1	Grid	22.21561	-28.27331	106.80000	-1.71936	106.78	-2.3654E-9	-0.0032778	65.556E-9
1	Grid	24.21079	-28.27331	106.80000	-1.55549	106.78	-1.8610E-9	-0.0028903	57.806E-9
1	Grid	26.20597	-28.27331	106.80000	-1.39952	106.78	-1.4794E-9	-0.0026023	51.156E-9
1	Grid	28.20115	-28.27331	106.80000	-1.25343	106.78	-1.1872E-9	-0.0022714	45.428E-9
1	Grid	30.19633	-28.27331	106.80000	-1.11932	106.78	-960.94E-12	-0.0020238	40.477E-9
1	Grid	32.19151	-28.27331	106.80000	-0.99876	106.78	-784.00E-12	-0.0018090	36.180E-9
1	Grid	34.18669	-28.27331	106.80000	-0.89249	106.78	-644.31E-12	-0.0016219	32.438E-9
1	Grid	36.18187	-28.27331	106.80000	-0.80038	106.78	-533.06E-12	-0.0014584	29.168E-9
1	Grid	38.17705	-28.27331	106.80000	-0.72171	106.78	-443.77E-12	-0.0013151	26.301E-9
1	Grid	40.17223	-28.27331	106.80000	-0.65546	106.78	-371.57E-12	-0.0011890	23.780E-9
1	Grid	42.16741	-28.27331	106.80000	-0.60049	106.78	-312.81E-12	-0.0010778	21.556E-9
1	Grid	44.16259	-28.27331	106.80000	-0.55571	106.78	-264.67E-12	-979.38E-6	19.588E-9
1	Grid	46.15777	-28.27331	106.80000	-0.52006	106.78	-225.01E-12	-892.08E-6	17.842E-9
1	Grid	48.15295	-28.27331	106.80000	-0.49272	106.78	-192.16E-12	-814.41E-6	16.288E-9
1	Grid	50.14813	-28.27331	106.80000	-0.47281	106.78	-164.81E-12	-745.14E-6	14.903E-9
1	Grid	52.14331	-28.27331	106.80000	-0.45968	106.78	-141.92E-12	-683.21E-6	13.664E-9
1	Grid	54.13849	-28.27331	106.80000	-0.45269	106.78	-122.68E-12	-627.69E-6	12.554E-9
1	Grid	56.13367	-28.27331	106.80000	-0.45130	106.78	-106.43E-12	-577.81E-6	11.556E-9
1	Grid	58.12885	-28.27331	106.80000	-0.45498	106.78	-92.665E-12	-532.90E-6	10.658E-9
1	Grid	60.12403	-28.27331	106.80000	-0.46321	106.78	-80.947E-12	-492.37E-6	9.8474E-9
1	Grid	62.11921	-28.27331	106.80000	-0.47545	106.78	-70.937E-12	-455.72E-6	9.1144E-9
1	Grid	64.11439	-28.27331	106.80000	-0.49111	106.78	-62.354E-12	-422.51E-6	8.4501E-9
1	Grid	66.10957	-28.27331	106.80000	-0.50953	106.78	-54.972E-12	-392.35E-6	7.8470E-9
1	Grid	68.10475	-28.27331	106.80000	-0.53000	106.78	-48.598E-12	-364.92E-6	7.2983E-9
1	Grid	70.09993	-28.27331	106.80000	-0.55161	106.78	-43.078E-12	-339.91E-6	6.7983E-9
1	Grid	72.09511	-28.27331	106.80000	-0.57341	106.78	-38.284E-12	-317.08E-6	6.3417E-9
1	Grid	74.09029	-28.27331	106.80000	-0.59436	106.78	-34.111E-12	-296.20E-6	5.9240E-9
1	Grid	76.08547	-28.27331	106.80000	-0.61333	106.78	-30.464E-12	-277.07E-6	5.5417E-9
1	Grid	78.08065	-28.27331	106.80000	-0.62923	106.78	-27.269E-12	-259.52E-6	5.1903E-9
1	Grid	80.07583	-28.27331	106.80000	-0.64105	106.78	-24.461E-12	-243.38E-6	4.8676E-9
1	Grid	82.07101	-28.27331	106.80000	-0.64792	106.78	-21.994E-12	-228.52E-6	4.5705E-9
1	Grid	84.06619	-28.27331	106.80000	-0.64922	106.78	-19.811E-12	-214.83E-6	4.2966E-9
1	Grid	86.06137	-28.27331	106.80000	-0.64461	106.78	-17.884E-12	-202.19E-6	4.0437E-9
1	Grid	88.05655	-28.27331	106.80000	-0.63403	106.78	-16.174E-12	-190.50E-6	3.8099E-9
1	Grid	90.05173	-28.27331	106.80000	-0.61777	106.78	-14.656E-12	-179.68E-6	3.5935E-9
1	Grid	92.04691	-28.27331	106.80000	-0.59636	106.78	-13.300E-12	-169.64E-6	3.3929E-9
1	Grid	94.04209	-28.27331	106.80000	-0.57055	106.78	-12.096E-12	-160.33E-6	3.2066E-9
1	Grid	96.03727	-28.27331	106.80000	-0.54024	106.78	-11.017E-12	-151.68E-6	3.0366E-9
1	Grid	98.03245	-28.27331	106.80000	-0.50937	106.78	-10.051E-12	-143.63E-6	2.8725E-9
1	Grid	100.02763	-28.27331	106.80000	-0.47588	106.78	-9.1840E-12	-136.13E-6	2.7225E-9
1	Grid	102.02281	-28.27331	106.80000	-0.44163	106.78	-8.4033E-12	-129.13E-6	2.5826E-9
1	Grid	104.01799	-28.27331	106.80000	-0.40735	106.78	-7.7018E-12	-122.60E-6	2.4520E-9
1	Grid	106.01317	-28.27331	106.80000	-0.37369	106.78	-7.0677E-12	-116.50E-6	2.3299E-9
1	Grid	108.00835	-28.27331	106.80000	-0.34099	106.78	-6.4948E-12	-110.79E-6	2.2157E-9
1	Grid	110.00353	-28.27331	106.80000	-0.30974	106.78	-5.9779E-12	-105.44E-6	2.1087E-9
1	Grid	111.99871	-28.27331	106.80000	-0.28012	106.78	-5.5056E-12	-100.42E-6	2.0085E-9
1	Grid	113.99389	-28.27331	106.80000	-0.25228	106.78	-5.0799E-12	-95.718E-6	1.9144E-9
1	Grid	115.98906	-28.27331	106.80000	-0.22630	106.78	-4.6929E-12	-91.299E-6	1.8260E-9
1	Grid	117.98424	-28.27331	106.80000	-0.20218	106.78	-4.3372E-12	-87.144E-6	1.7429E-9
1	Grid	119.97942	-28.27331	106.80000	-0.17990	106.78	-4.0168E-12	-83.235E-6	1.6647E-9
1	Grid	121.97460	-28.27331	106.					

Oasys										Job No.	Sheet No.	Rev.
Highgate Junior School Sports Hall										3244		
Unloading and Loading Long Term										Drg. Ref.		
										Made by	Date	Checked
										AC		
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain			
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]			
1	Grid	-93.50482	-26.39856	106.80000	-0.00011	106.78	-21.354E-12	-225.02E-6	4.5003E-9			
1	Grid	-91.50964	-26.39856	106.80000	-0.00367	106.78	-23.736E-12	-239.59E-6	4.7191E-9			
1	Grid	-89.51446	-26.39856	106.80000	-0.00775	106.78	-26.442E-12	-255.42E-6	5.1084E-9			
1	Grid	-87.51928	-26.39856	106.80000	-0.01240	106.78	-29.517E-12	-272.64E-6	5.4528E-9			
1	Grid	-85.52410	-26.39856	106.80000	-0.01771	106.78	-33.024E-12	-291.39E-6	5.8278E-9			
1	Grid	-83.52892	-26.39856	106.80000	-0.02376	106.78	-37.034E-12	-311.85E-6	6.2369E-9			
1	Grid	-81.53374	-26.39856	106.80000	-0.03065	106.78	-41.631E-12	-334.20E-6	6.6840E-9			
1	Grid	-79.53856	-26.39856	106.80000	-0.03849	106.78	-46.916E-12	-358.67E-6	7.1734E-9			
1	Grid	-77.54338	-26.39856	106.80000	-0.04740	106.78	-53.004E-12	-385.50E-6	7.7100E-9			
1	Grid	-75.54820	-26.39856	106.80000	-0.05754	106.78	-60.047E-12	-414.97E-6	8.2994E-9			
1	Grid	-73.55302	-26.39856	106.80000	-0.06905	106.78	-68.210E-12	-447.40E-6	8.9480E-9			
1	Grid	-71.55784	-26.39856	106.80000	-0.08214	106.78	-77.712E-12	-483.15E-6	9.6631E-9			
1	Grid	-69.56266	-26.39856	106.80000	-0.09701	106.78	-88.794E-12	-522.65E-6	10.453E-9			
1	Grid	-67.56748	-26.39856	106.80000	-0.11390	106.78	-101.78E-12	-566.36E-6	11.327E-9			
1	Grid	-65.57230	-26.39856	106.80000	-0.13310	106.78	-117.03E-12	-614.83E-6	12.297E-9			
1	Grid	-63.57712	-26.39856	106.80000	-0.15492	106.78	-135.02E-12	-668.69E-6	13.374E-9			
1	Grid	-61.58194	-26.39856	106.80000	-0.17973	106.78	-156.31E-12	-728.67E-6	14.573E-9			
1	Grid	-59.58676	-26.39856	106.80000	-0.20797	106.78	-181.61E-12	-795.60E-6	15.912E-9			
1	Grid	-57.59158	-26.39856	106.80000	-0.24011	106.78	-211.78E-12	-870.45E-6	17.409E-9			
1	Grid	-55.59640	-26.39856	106.80000	-0.27673	106.78	-247.91E-12	-954.33E-6	19.087E-9			
1	Grid	-53.60122	-26.39856	106.80000	-0.31850	106.78	-291.36E-12	-0.0010485	20.971E-9			
1	Grid	-51.60604	-26.39856	106.80000	-0.36619	106.78	-343.84E-12	-0.0011546	23.092E-9			
1	Grid	-49.61086	-26.39856	106.80000	-0.42072	106.78	-407.50E-12	-0.0012742	25.484E-9			
1	Grid	-47.61568	-26.39856	106.80000	-0.48316	106.78	-485.09E-12	-0.0014095	28.190E-9			
1	Grid	-45.62050	-26.39856	106.80000	-0.55478	106.78	-580.11E-12	-0.0015627	31.255E-9			
1	Grid	-43.62532	-26.39856	106.80000	-0.63712	106.78	-697.05E-12	-0.0017368	34.735E-9			
1	Grid	-41.63014	-26.39856	106.80000	-0.73201	106.78	-841.76E-12	-0.0019348	38.697E-9			
1	Grid	-39.63496	-26.39856	106.80000	-0.84164	106.78	-1.0219E-9	-0.0021608	43.215E-9			
1	Grid	-37.63978	-26.39856	106.80000	-0.96865	106.78	-1.2475E-9	-0.0024191	48.382E-9			
1	Grid	-35.64460	-26.39856	106.80000	-1.11615	106.78	-1.5323E-9	-0.0027152	54.303E-9			
1	Grid	-33.64942	-26.39856	106.80000	-1.28770	106.78	-1.8949E-9	-0.0030555	61.109E-9			
1	Grid	-31.65424	-26.39856	106.80000	-1.48697	106.78	-2.3615E-9	-0.0034479	68.958E-9			
1	Grid	-29.65906	-26.39856	106.80000	-1.71673	106.78	-2.9699E-9	-0.0039022	78.043E-9			
1	Grid	-27.66388	-26.39856	106.80000	-1.97669	106.78	-3.7761E-9	-0.0044307	88.613E-9			
1	Grid	-25.66871	-26.39856	106.80000	-2.25996	106.78	-4.8655E-9	-0.0050491	100.98E-9			
1	Grid	-23.67353	-26.39856	106.80000	-2.55150	106.78	-6.3703E-9	-0.0057777	115.55E-9			
1	Grid	-21.67835	-26.39856	106.80000	-2.83424	106.78	-8.4972E-9	-0.0066422	132.84E-9			
1	Grid	-19.68317	-26.39856	106.80000	-3.09956	106.78	-11.562E-9	-0.0076736	153.47E-9			
1	Grid	-17.68799	-26.39856	106.80000	-3.34594	106.78	-16.021E-9	-0.0089044	178.09E-9			
1	Grid	-15.69281	-26.39856	106.80000	-3.56987	106.78	-22.433E-9	-0.010358	207.16E-9			
1	Grid	-13.69763	-26.39856	106.80000	-3.76596	106.78	-31.239E-9	-0.012023	240.46E-9			
1	Grid	-11.70245	-26.39856	106.80000	-3.93136	106.78	-42.238E-9	-0.013821	276.41E-9			
1	Grid	-9.70727	-26.39856	106.80000	-4.06457	106.78	-54.074E-9	-0.015583	311.64E-9			
1	Grid	-7.71209	-26.39856	106.80000	-4.16365	106.78	-64.568E-9	-0.017085	341.69E-9			
1	Grid	-5.71691	-26.39856	106.80000	-4.22644	106.78	-71.876E-9	-0.018125	362.50E-9			
1	Grid	-3.72173	-26.39856	106.80000	-4.25130	106.78	-75.149E-9	-0.018578	371.55E-9			
1	Grid	-1.72655	-26.39856	106.80000	-4.23744	106.78	-74.202E-9	-0.018394	367.87E-9			
1	Grid	0.26863	-26.39856	106.80000	-4.18485	106.78	-69.088E-9	-0.017588	351.75E-9			
1	Grid	2.26381	-26.39856	106.80000	-4.09427	106.78	-60.208E-9	-0.016242	324.84E-9			
1	Grid	4.25899	-26.39856	106.80000	-3.96706	106.78	-48.812E-9	-0.014518	290.36E-9			
1	Grid	6.25417	-26.39856	106.80000	-3.80480	106.78	-36.999E-9	-0.012639	252.78E-9			
1	Grid	8.24935	-26.39856	106.80000	-3.60927	106.78	-26.725E-9	-0.010815	216.29E-9			
1	Grid	10.24453	-26.39856	106.80000	-3.38487	106.78	-18.858E-9	-0.0091805	183.61E-9			
1	Grid	12.23971	-26.39856	106.80000	-3.14275	106.78	-13.272E-9	-0.0077850	155.70E-9			
1	Grid	14.23489	-26.39856	106.80000	-2.89800	106.78	-9.4381E-9	-0.0066217	132.43E-9			
1	Grid	16.23007	-26.39856	106.80000	-2.66024	106.78	-6.8222E-9	-0.0056605	113.21E-9			
1	Grid	18.22525	-26.39856	106.80000	-2.43203	106.78	-5.0218E-9	-0.0048663	97.325E-9			
1	Grid	20.22043	-26.39856	106.80000	-2.21287	106.78	-3.7627E-9	-0.0042076	84.151E-9			
1	Grid	22.21561	-26.39856	106.80000	-2.00183	106.78	-2.8658E-9	-0.0036579	73.158E-9			
1	Grid	24.21079	-26.39856	106.80000	-1.79871	106.78	-2.2150E-9	-0.0031963	63.927E-9			
1	Grid	26.20597	-26.39856	106.80000	-1.60492	106.78	-1.7344E-9	-0.0028063	56.126E-9			
1	Grid	28.20115	-26.39856	106.80000	-1.42361	106.78	-1.3740E-9	-0.0024747	49.494E-9			
1	Grid	30.19633	-26.39856	106.80000	-1.25843	106.78	-1.0997E-9	-0.0021913	43.826E-9			
1	Grid	32.19151	-26.39856	106.80000	-1.11196	106.78	-888.36E-12	-0.0019478	38.956E-9			
1	Grid	34.18669	-26.39856	106.80000	-0.98500	106.78	-723.67E-12	-0.0017376	34.752E-9			
1	Grid	36.18187	-26.39856	106.80000	-0.87686	106.78	-594.02E-12	-0.0015553	31.107E-9			
1	Grid	38.17705	-26.39856	106.80000	-0.78603	106.78	-491.01E-12	-0.0013967	27.934E-9			
1	Grid	40.17223	-26.39856	106.80000	-0.71072	106.78	-408.49E-12	-0.0012580	25.161E-9			
1	Grid	42.16741	-26.39856	106.80000	-0.64914	106.78	-341.88E-12	-0.0011364	22.729E-9			
1	Grid	44.16259	-26.39856	106.80000	-0.59968	106.78	-287.72E-12	-0.0010294	20.589E-9			
1	Grid	46.15777	-26.39856	106.80000	-0.56096	106.78	-243.41E-12	-934.95E-6	18.699E-9			
1	Grid	48.15295	-26.39856	106.80000	-0.53181	106.78	-206.94E-12	-851.28E-6	17.026E-9			
1	Grid	50.14813	-26.39856	106.80000	-0.51124	106.78	-176.75E-12	-776.96E-6	15.539E-9			
1	Grid	52.14331	-26.39856	106.80000	-0.49842	106.78	-151.62E-12	-710.76E-6	14.215E-9			
1	Grid	54.13849	-26.39856	106.80000	-0.49267	106.78	-130.60E-12	-651.63E-6	13.033E-9			
1	Grid	56.13367	-26.39856	106.80000	-0.49335	106.78	-112.94E-12	-598.68E-6	11.974E-9			
1	Grid	58.12885	-26.39856	106.80000	-0.49	106.78	-98.034E-12	-551.13E-6	10.238E-9			
1	Grid	60.12403	-26.39856	106.80000	-0.51184	106.78	-85.396E-12	-508.38E-6	10.168E-9			
1	Grid	62.11921	-26.39856	106.80000	-0.52853	106.78	-74.638E-12	-469.80E-6	9.3959E-9			
1	Grid	64.11439	-26.39856	106.80000	-0.54939	106.78	-65.448E-12	-434.92E-6	8.6985E-9			
1	Grid	66.10957	-26.39856	106.80000	-0.57368	106.78	-57.568E-12	-403.33E-6	8.0666E-9			
1	Grid	68.10475	-26.39856	106.80000	-0.60587	106.78	-50.784E-12	-374.650E-6	7.4930E-9			
1	Grid	70.09993	-26.39856	106.80000	-0.62904	106.78	-44.927E-12	-348.57E-6	6.9713E-9			
1	Grid	72.09511	-26.39856	106.80000	-0.65789	106.78	-39.857E-12	-324.79E-6	6.4958E-9			
1	Grid	74.09029	-26.39856	106.80000	-0.68581	106.78	-35.446E-12	-303.09E-6	6.0617E-9			
1	Grid	76.08547	-26.39856	106.80000	-0.71134	106.78	-31.605E-12	-283.23E-6	5.6646E-9			
1	Grid	78.08065	-26.39856	106.80000	-0.73902	106.78	-28.243E-12	-2				

 Highgate Junior School Sports Hall Unloading and Loading Long Term Job No. Sheet No. Rev.									
3244									
Drg. Ref.									
Made by AC					Date		Checked		
Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	165.86856	-24.39856	106.80000	0.01421	106.78	0.0	-33.908E-6	678.15E-12
1	Grid	167.86374	-26.39856	106.80000	0.01597	106.78	0.0	-32.774E-6	655.48E-12
1	Grid	169.85892	-26.39856	106.80000	0.01750	106.78	0.0	-31.690E-6	633.80E-12
1	Grid	171.85410	-26.39856	106.80000	0.01882	106.78	0.0	-30.653E-6	613.06E-12
1	Grid	173.84928	-26.39856	106.80000	0.01996	106.78	0.0	-29.660E-6	593.21E-12
1	Grid	175.84446	-26.39856	106.80000	0.02094	106.78	0.0	-28.710E-6	574.20E-12
1	Grid	177.83964	-26.39856	106.80000	0.02176	106.78	0.0	-27.800E-6	556.00E-12
1	Grid	179.83482	-26.39856	106.80000	0.02246	106.78	0.0	-26.928E-6	538.55E-12
1	Grid	181.83000	-26.39856	106.80000	0.02303	106.78	0.0	-26.091E-6	521.82E-12
1	Grid	-95.50000	-24.52381	106.80000	0.00232	106.78	-19.840E-12	-215.39E-6	4.3077E-9
1	Grid	-93.50482	-24.52381	106.80000	-0.00091	106.78	-22.038E-12	-229.24E-6	4.5849E-9
1	Grid	-91.50964	-24.52381	106.80000	-0.00461	106.78	-24.532E-12	-244.29E-6	4.8858E-9
1	Grid	-89.51446	-24.52381	106.80000	-0.00884	106.78	-27.367E-12	-260.65E-6	5.2130E-9
1	Grid	-87.51928	-24.52381	106.80000	-0.01368	106.78	-30.598E-12	-278.47E-6	5.5693E-9
1	Grid	-85.52410	-24.52381	106.80000	-0.01921	106.78	-34.290E-12	-297.90E-6	5.9581E-9
1	Grid	-83.52928	-24.52381	106.80000	-0.02552	106.78	-38.522E-12	-319.14E-6	6.3829E-9
1	Grid	-81.53374	-24.52381	106.80000	-0.03271	106.78	-43.384E-12	-342.39E-6	6.8479E-9
1	Grid	-79.53856	-24.52381	106.80000	-0.04090	106.78	-48.984E-12	-367.89E-6	7.3578E-9
1	Grid	-77.54338	-24.52381	106.80000	-0.05022	106.78	-55.465E-12	-395.90E-6	7.9181E-9
1	Grid	-75.54820	-24.52381	106.80000	-0.06083	106.78	-62.978E-12	-426.74E-6	8.5348E-9
1	Grid	-73.55302	-24.52381	106.80000	-0.07265	106.78	-71.717E-12	-460.75E-6	9.2149E-9
1	Grid	-71.55784	-24.52381	106.80000	-0.08665	106.78	-81.922E-12	-498.33E-6	9.9666E-9
1	Grid	-69.56266	-24.52381	106.80000	-0.10228	106.78	-93.878E-12	-539.95E-6	10.799E-9
1	Grid	-67.56748	-24.52381	106.80000	-0.12008	106.78	-107.93E-12	-586.15E-6	11.723E-9
1	Grid	-65.57230	-24.52381	106.80000	-0.14035	106.78	-124.52E-12	-637.53E-6	12.751E-9
1	Grid	-63.57712	-24.52381	106.80000	-0.16348	106.78	-144.17E-12	-694.51E-6	13.894E-9
1	Grid	-61.58194	-24.52381	106.80000	-0.18975	106.78	-167.55E-12	-758.82E-6	15.176E-9
1	Grid	-59.58676	-24.52381	106.80000	-0.21977	106.78	-195.47E-12	-830.51E-6	16.610E-9
1	Grid	-57.59158	-24.52381	106.80000	-0.25404	106.78	-228.98E-12	-911.01E-6	18.220E-9
1	Grid	-55.59640	-24.52381	106.80000	-0.29320	106.78	-269.36E-12	-0.0010016	20.032E-9
1	Grid	-53.60122	-24.52381	106.80000	-0.33683	106.78	-318.25E-12	-0.0010398	22.077E-9
1	Grid	-51.60604	-24.52381	106.80000	-0.38942	106.78	-377.74E-12	-0.0012195	24.390E-9
1	Grid	-49.61086	-24.52381	106.80000	-0.44843	106.78	-450.48E-12	-0.0013507	27.014E-9
1	Grid	-47.61568	-24.52381	106.80000	-0.51635	106.78	-539.89E-12	-0.0014999	29.998E-9
1	Grid	-45.62050	-24.52381	106.80000	-0.59473	106.78	-650.40E-12	-0.0016700	33.401E-9
1	Grid	-43.62532	-24.52381	106.80000	-0.68548	106.78	-787.75E-12	-0.0018645	37.291E-9
1	Grid	-41.63014	-24.52381	106.80000	-0.79095	106.78	-959.54E-12	-0.0020876	41.751E-9
1	Grid	-39.63496	-24.52381	106.80000	-0.91407	106.78	-1.1758E-9	-0.0023440	46.879E-9
1	Grid	-37.63978	-24.52381	106.80000	-1.05858	106.78	-1.4500E-9	-0.0026396	52.793E-9
1	Grid	-35.64460	-24.52381	106.80000	-1.22926	106.78	-1.8006E-9	-0.0029817	59.634E-9
1	Grid	-33.64942	-24.52381	106.80000	-1.43222	106.78	-2.2532E-9	-0.0033798	67.575E-9
1	Grid	-31.65424	-24.52381	106.80000	-1.67507	106.78	-2.8448E-9	-0.0038418	76.835E-9
1	Grid	-29.65906	-24.52381	106.80000	-1.96635	106.78	-3.6300E-9	-0.0043844	87.688E-9
1	Grid	-27.66388	-24.52381	106.80000	-2.31219	106.78	-4.6930E-9	-0.0050248	100.50E-9
1	Grid	-25.66871	-24.52381	106.80000	-2.70684	106.78	-6.1691E-9	-0.0057872	115.74E-9
1	Grid	-23.67353	-24.52381	106.80000	-3.15281	106.78	-8.2844E-9	-0.0067591	134.11E-9
1	Grid	-21.67835	-24.52381	106.80000	-3.50102	106.78	-11.428E-9	-0.0078255	156.51E-9
1	Grid	-19.68317	-24.52381	106.80000	-3.84698	106.78	-16.278E-9	-0.0092134	184.27E-9
1	Grid	-17.68799	-24.52381	106.80000	-4.17367	106.78	-24.005E-9	-0.010954	219.08E-9
1	Grid	-15.69281	-24.52381	106.80000	-4.47442	106.78	-36.467E-9	-0.013142	262.84E-9
1	Grid	-13.69763	-24.52381	106.80000	-4.75233	106.78	-55.964E-9	-0.015838	316.75E-9
1	Grid	-11.70245	-24.52381	106.80000	-4.94745	106.78	-83.425E-9	-0.018961	379.21E-9
1	Grid	-9.70727	-24.52381	106.80000	-5.12143	106.78	-115.09E-9	-0.022175	443.49E-9
1	Grid	-7.71209	-24.52381	106.80000	-5.25180	106.78	-142.97E-9	-0.024957	499.13E-9
1	Grid	-5.71691	-24.52381	106.80000	-5.33466	106.78	-161.30E-9	-0.026867	537.33E-9
1	Grid	-3.72173	-24.52381	106.80000	-5.36750	106.78	-169.06E-9	-0.027951	561.02E-9
1	Grid	-1.72655	-24.52381	106.80000	-5.34929	106.78	-166.87E-9	-0.027394	547.86E-9
1	Grid	0.26863	-24.52381	106.80000	-5.27988	106.78	-154.59E-9	-0.025975	519.47E-9
1	Grid	2.26381	-24.52381	106.80000	-5.15997	106.78	-131.88E-9	-0.023546	470.90E-9
1	Grid	4.25899	-24.52381	106.80000	-4.99126	106.78	-101.45E-9	-0.020412	408.23E-9
1	Grid	6.25417	-24.52381	106.80000	-4.77501	106.78	-70.614E-9	-0.017078	341.56E-9
1	Grid	8.24935	-24.52381	106.80000	-4.50878	106.78	-46.160E-9	-0.014020	280.40E-9
1	Grid	10.24453	-24.52381	106.80000	-4.19006	106.78	-29.673E-9	-0.011468	229.36E-9
1	Grid	12.23971	-24.52381	106.80000	-3.83965	106.78	-19.343E-9	-0.0094316	188.63E-9
1	Grid	14.23489	-24.52381	106.80000	-3.50011	106.78	-12.960E-9	-0.0078286	156.57E-9
1	Grid	16.23007	-24.52381	106.80000	-3.18729	106.78	-8.9524E-9	-0.0065630	131.26E-9
1	Grid	18.22525	-24.52381	106.80000	-2.89635	106.78	-6.3642E-9	-0.0055540	111.08E-9
1	Grid	20.22043	-24.52381	106.80000	-2.62127	106.78	-4.6404E-9	-0.0047403	94.806E-9
1	Grid	22.21561	-24.52381	106.80000	-2.35747	106.78	-3.4580E-9	-0.0040764	81.529E-9
1	Grid	24.21079	-24.52381	106.80000	-2.10204	106.78	-2.6253E-9	-0.0035291	70.581E-9
1	Grid	26.20597	-24.52381	106.80000	-1.85601	106.78	-2.0252E-9	-0.0030795	61.471E-9
1	Grid	28.20115	-24.52381	106.80000	-1.62531	106.78	-1.5838E-9	-0.0026913	53.825E-9
1	Grid	30.19633	-24.52381	106.80000	-1.41741	106.78	-1.2536E-9	-0.0023681	47.363E-9
1	Grid	32.19151	-24.52381	106.80000	-1.23687	106.78	-1.0029E-9	-0.0020932	41.864E-9
1	Grid	34.18669	-24.52381	106.80000	-1.08411	106.78	-809.86E-12	-0.0018580	37.159E-9
1	Grid	36.18187	-24.52381	106.80000	-0.95590	106.78	-659.62E-12	-0.0016355	33.111E-9
1	Grid	38.17705	-24.52381	106.80000	-0.85236	106.78	-541.43E-12	-0.0014806	29.611E-9
1	Grid	40.17223	-24.52381	106.80000	-0.76713	106.78	-447.59E-12	-0.0013286	26.572E-9
1	Grid	42.16741	-24.52381	106.80000	-0.69855	106.78	-372.45E-12	-0.0011961	23.922E-9
1	Grid	44.16259	-24.52381	106.80000	-0.64432	106.78	-311.81E-12	-0.0010901	21.602E-9
1	Grid	46.15777	-24.52381	106.80000	-0.60257	106.78	-262.53E-12	-0.0009786	19.563E-9
1	Grid	48.15295	-24.52381	106.80000	-0.57182	106.78	-222.21E-12	-888.28E-6	17.766E-9
1	Grid	50.14813	-24.52381	106.80000	-0.55086	106.78	-189.02E-12	-808.77E-6	16.175E-9
1	Grid	52.14331	-24.52381	106.80000	-0.53874	106.78	-161.54E-12	-738.22E-6	14.764E-9
1	Grid	54.13849	-24.52381	106.80000	-0.53469	106.78	-138.67E-12	-675.41E-6	13.500E-9
1	Grid	56.13367	-24.52381	106.80000	-0.53819	106.78	-119.54E-12	-619.35E-6	12.378E-9
1	Grid	58.12885	-24.52381	106.80000	-0.54820	106.78	-103.45E-12	-569.17E-6	11.383E-9
1	Grid	60.12403	-24.52381	106.80000	-0.56467	106.78	-89.868E-12	-524.14E-6	10.483E-9
1	Grid	62.11921	-24.52381	106.80000	-0.58687	106.78	-78.347E-12	-483.63E-6	9.6726E-9
1	Grid	64.11439	-24.52381	106.80000	-0.61417	106.78	-68.535E-12	-447.10E-6	8.9419E-9
1	Grid	66.10957	-24.52381	106.80000	-0.64582	106.78	-60.151E-12	-414.07E-6	8.2814E-9
1	Grid	68.10475	-24.52381	106.80000	-0.68088	106.78	-52.954E-12	-384.16E-6	7.6831E-9
1	Grid	70.09993	-24.52381	106.80000	-0.71818	106.78	-46.756E-12	-357.00E-6	7.1399E-9
1	Grid	72.09511	-24.52381	106.80000	-0.75626	106.78	-41.404E-12	-332.29E-6	6.6458E-9
1	Grid	74.09029	-24.52381	106.80000	-0.79342	106.78	-36.763E-12	-309.77E-6	6.1954E-9
1	Grid	76.08547	-24.52381	106.80000	-0.83245	106.78	-32.725E-12	-289.21E-6	5.7



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]
1	Grid	145.91676	-24.52381	106.80000	-0.02696	106.78	-1.6553E-12	-49.044E-6	980.89E-12
1	Grid	147.91194	-24.52381	106.80000	-0.02045	106.78	-1.5508E-12	-47.197E-6	943.93E-12
1	Grid	149.90712	-24.52381	106.80000	-0.01466	106.78	-1.4548E-12	-45.440E-6	908.81E-12
1	Grid	151.90230	-24.52381	106.80000	-0.00950	106.78	-1.3682E-12	-43.770E-6	875.39E-12
1	Grid	153.89748	-24.52381	106.80000	-0.00494	106.78	-1.2863E-12	-42.179E-6	843.58E-12
1	Grid	155.89266	-24.52381	106.80000	-0.00086	106.78	-1.2097E-12	-40.665E-6	813.29E-12
1	Grid	157.88784	-24.52381	106.80000	0.00274	106.78	-1.1378E-12	-39.221E-6	784.43E-12
1	Grid	159.88302	-24.52381	106.80000	0.00591	106.78	-1.0731E-12	-37.845E-6	756.90E-12
1	Grid	161.87820	-24.52381	106.80000	0.00872	106.78	-1.0125E-12	-36.532E-6	730.65E-12
1	Grid	163.87338	-24.52381	106.80000	0.01118	106.78	0.0	-35.279E-6	705.59E-12
1	Grid	165.86856	-24.52381	106.80000	0.01394	106.78	0.02058	0.0	28.843E-6
1	Grid	167.86374	-24.52381	106.80000	0.01523	106.78	0.0	-32.939E-6	658.79E-12
1	Grid	169.85892	-24.52381	106.80000	0.01687	106.78	0.0	-31.846E-6	636.92E-12
1	Grid	171.85410	-24.52381	106.80000	0.01830	106.78	0.0	-30.801E-6	616.02E-12
1	Grid	173.84928	-24.52381	106.80000	0.01953	106.78	0.0	-29.801E-6	596.01E-12
1	Grid	175.84446	-24.52381	106.80000	0.02066	106.78	0.0	-28.843E-6	576.86E-12
1	Grid	177.83964	-24.52381	106.80000	0.02147	106.78	0.0	-27.926E-6	558.51E-12
1	Grid	179.83482	-24.52381	106.80000	0.02222	106.78	0.0	-27.047E-6	540.93E-12
1	Grid	181.83000	-24.52381	106.80000	0.02285	106.78	0.0	-26.204E-6	524.08E-12
1	Grid	-95.50000	-22.64906	106.80000	0.00169	106.78	-20.416E-12	-219.05E-6	4.3811E-9
1	Grid	-93.50482	-22.64906	106.80000	-0.00168	106.78	-22.709E-12	-233.31E-6	-6.6636E-9
1	Grid	-91.50964	-22.64906	106.80000	-0.00549	106.78	-25.310E-12	-248.82E-6	-4.9763E-9
1	Grid	-89.51446	-22.64906	106.80000	-0.00988	106.78	-28.274E-12	-265.69E-6	-5.3139E-9
1	Grid	-87.51928	-22.64906	106.80000	-0.01491	106.78	-31.659E-12	-284.10E-6	-5.6821E-9
1	Grid	-85.52410	-22.64906	106.80000	-0.02065	106.78	-35.535E-12	-304.22E-6	-6.0843E-9
1	Grid	-83.52892	-22.64906	106.80000	-0.02720	106.78	-39.987E-12	-326.33E-6	-6.5245E-9
1	Grid	-81.53374	-22.64906	106.80000	-0.03468	106.78	-45.119E-12	-350.36E-6	-7.0072E-9
1	Grid	-79.53856	-22.64906	106.80000	-0.04320	106.78	-51.045E-12	-376.88E-6	-7.5376E-9
1	Grid	-77.54338	-22.64906	106.80000	-0.05292	106.78	-57.915E-12	-406.07E-6	-8.1213E-9
1	Grid	-75.54820	-22.64906	106.80000	-0.06399	106.78	-65.911E-12	-438.26E-6	-8.7652E-9
1	Grid	-73.55302	-22.64906	106.80000	-0.07642	106.78	-75.238E-12	-473.84E-6	-9.4769E-9
1	Grid	-71.55784	-22.64906	106.80000	-0.09098	106.78	-86.164E-12	-513.27E-6	-10.265E-9
1	Grid	-69.56266	-22.64906	106.80000	-0.10737	106.78	-99.019E-12	-557.03E-6	-11.141E-9
1	Grid	-67.56748	-22.64906	106.80000	-0.12605	106.78	-114.18E-12	-605.74E-6	-12.115E-9
1	Grid	-65.57230	-22.64906	106.80000	-0.14736	106.78	-132.16E-12	-660.08E-6	-13.202E-9
1	Grid	-63.57712	-22.64906	106.80000	-0.17169	106.78	-153.57E-12	-720.55E-6	-14.417E-9
1	Grid	-61.58194	-22.64906	106.80000	-0.19947	106.78	-179.15E-12	-788.98E-6	-15.780E-9
1	Grid	-59.58676	-22.64906	106.80000	-0.23123	106.78	-209.88E-12	-865.58E-6	-17.312E-9
1	Grid	-57.59158	-22.64906	106.80000	-0.26760	106.78	-246.97E-12	-951.93E-6	-19.039E-9
1	Grid	-55.59640	-22.64906	106.80000	-0.30928	106.78	-291.95E-12	-0.0010495	20.991E-9
1	Grid	-53.60122	-22.64906	106.80000	-0.35714	106.78	-346.79E-12	-0.0010022	23.204E-9
1	Grid	-51.60604	-22.64906	106.80000	-0.41220	106.78	-414.02E-12	-0.0012860	25.721E-9
1	Grid	-49.61086	-22.64906	106.80000	-0.47569	106.78	-496.88E-12	-0.0014295	28.591E-9
1	Grid	-47.61568	-22.64906	106.80000	-0.54912	106.78	-599.64E-12	-0.0015937	31.875E-9
1	Grid	-45.62050	-22.64906	106.80000	-0.63432	106.78	-727.86E-12	-0.0017822	35.643E-9
1	Grid	-43.62532	-22.64906	106.80000	-0.73161	106.78	-888.87E-12	-0.0020291	39.922E-9
1	Grid	-41.63014	-22.64906	106.80000	-0.84991	106.78	-1,0925E-9	-0.0022497	44.994E-9
1	Grid	-39.63496	-22.64906	106.80000	-0.98700	106.78	-1,3518E-9	-0.0025402	50.803E-9
1	Grid	-37.63978	-22.64906	106.80000	-1.14993	106.78	-1,6847E-9	-0.0028781	57.561E-9
1	Grid	-35.64460	-22.64906	106.80000	-1.34556	106.78	-2,1161E-9	-0.0032726	65.453E-9
1	Grid	-33.64942	-22.64906	106.80000	-1.58356	106.78	-2,6809E-9	-0.0037854	74.707E-9
1	Grid	-31.65424	-22.64906	106.80000	-1.87806	106.78	-3,4302E-9	-0.0042808	85.616E-9
1	Grid	-29.65906	-22.64906	106.80000	-2.24985	106.78	-4,4411E-9	-0.0049279	98.557E-9
1	Grid	-27.66388	-22.64906	106.80000	-2.72724	106.78	-5,8364E-9	-0.0057020	114.04E-9
1	Grid	-25.66871	-22.64906	106.80000	-3.33084	106.78	-7,8221E-9	-0.0066388	132.78E-9
1	Grid	-23.67353	-22.64906	106.80000	-4.02043	106.78	-10,766E-9	-0.0077906	155.81E-9
1	Grid	-21.67835	-22.64906	106.80000	-4.54213	106.78	-15,364E-9	-0.0092369	184.74E-9
1	Grid	-19.68317	-22.64906	106.80000	-4.96952	106.78	-23,000E-9	-0.011102	222.03E-9
1	Grid	-17.68799	-22.64906	106.80000	-5.44356	106.78	-36,539E-9	-0.013578	271.55E-9
1	Grid	-15.69281	-22.64906	106.80000	-5.90455	106.78	-61,947E-9	-0.016952	339.03E-9
1	Grid	-13.69763	-22.64906	106.80000	-6.35714	106.78	-10,439E-9	-0.021570	431.38E-9
1	Grid	-11.70245	-22.64906	106.80000	-6.53973	106.78	-194,70E-9	-0.027565	551.28E-9
1	Grid	-9.70727	-22.64906	106.80000	-6.77600	106.78	-304,56E-9	-0.034225	684.47E-9
1	Grid	-7.71209	-22.64906	106.80000	-6.95578	106.78	-397,11E-9	-0.039986	799.67E-9
1	Grid	-5.71691	-22.64906	106.80000	-7.06982	106.78	-449,35E-9	-0.043745	874.85E-9
1	Grid	-3.72173	-22.64906	106.80000	-7.11496	106.78	-468,63E-9	-0.045317	906.27E-9
1	Grid	-1.72655	-22.64906	106.80000	-7.09091	106.78	-463,14E-9	-0.044790	895.75E-9
1	Grid	0.26863	-22.64906	106.80000	-6.99714	106.78	-430,94E-9	-0.042147	842.89E-9
1	Grid	2.26381	-22.64906	106.80000	-6.83326	106.78	-362,13E-9	-0.037350	746.96E-9
1	Grid	4.25899	-22.64906	106.80000	-6.60209	106.78	-258,02E-9	-0.030901	617.98E-9
1	Grid	6.25427	-22.64906	106.80000	-6.30787	106.78	-154,84E-9	-0.024226	484.16E-9
1	Grid	8.24935	-22.64906	106.80000	-5.93782	106.78	-85,786E-9	-0.018656	373.11E-9
1	Grid	10.24453	-22.64906	106.80000	-5.43677	106.78	-48,130E-9	-0.014496	289.92E-9
1	Grid	12.23971	-22.64906	106.80000	-4.81992	106.78	-28,427E-9	-0.011477	229.53E-9
1	Grid	14.23489	-22.64906	106.80000	-4.30809	106.78	-17,772E-9	-0.0092622	185.24E-9
1	Grid	16.23007	-22.64906	106.80000	-3.87671	106.78	-10,602E-9	-0.006020	152.47E-9
1	Grid	18.22525	-22.64906	106.80000	-3.51111	106.78	-8,0144E-9	-0.0063279	126.56E-9
1	Grid	20.22043	-22.64906	106.80000	-3.16157	106.78	-5,6864E-9	-0.0053293	106.59E-9
1	Grid	22.21561	-22.64906	106.80000	-2.82842	106.78	-4,1476E-9	-0.0045326	90.652E-9
1	Grid	24.21079	-22.64906	106.80000	-2.50078	106.78	-3,0944E-9	-0.0038874	77.748E-9
1	Grid	26.20597	-22.64906	106.80000	-2.17690	106.78	-2,3524E-9	-0.0033583	67.178E-9
1	Grid	28.20115	-22.64906	106.80000	-1.87053	106.78	-1,8169E-9	-0.0029199	58.398E-9
1	Grid	30.19633	-22.64906	106.80000	-1.59999	106.78	-1,4226E-9	-0.0025533	51.066E-9
1	Grid	32.19151	-22.64906	106.80000	-1.37339	106.78	-1,1272E-9	-0.0022443	44.887E-9
1	Grid	34.18669	-22.64906	106.80000	-1.18851	106.78	-902,57E-12	-0.0019822	39.643E-9
1	Grid	36.18187	-22.64906	106.80000	-1.03629	106.78	-729,55E-12	-0.001758	35.166E-9
1	Grid	38.17705	-22.64906	106.80000	-0.91940	106.78	-594,74E-12	-0.0015661	31.321E-9
1	Grid	40.17223	-22.64906	106.80000	-0.82367	106.78	-488,62E-12	-0.0014002	28.003E-9
1	Grid	42.16741	-22.64906	106.80000	-0.74794	106.78	-404,31E-12	-0.0012563	25.126E-9
1	Grid	44.16259	-22.64906	106.80000	-0.68900	106.78	-336,75E-12	-0.0011310	22.619E-9
1	Grid	46.15777	-22.64906	106.80000	-0.64446	106.78	-282,20E-12	-0.0010214	20.427E-9
1	Grid	48.15295	-22.64906	106.80000	-0.61238	106.78	-237,83E-12	-925.15E-6	18.503E-9
1	Grid	50.14813	-22.64906	106.80000	-0.59142	106.78	-201,52E-12	-840.36E-6	16.807E-9
1	Grid	52.14331	-22.64906	106.80000	-0.58045	106.78	-171,60E-12	-765.38E-6	15.308E-9
1	Grid	54.13849	-22.64906	106.80000	-0.57884	106.78	-146,81E-12	-698.86E-6	13.977E-9
1	Grid	56.13367	-22.64906	106.80000	-0.58510	106.78	-126,16E-12	-639.67E-6	12.793E-9
1	Grid	58.12885	-22.64906	106.80000	-0.59889	106.78	-108,88E-12	-586.84E-6	11.737E-9
1	Grid	60.12403	-22.64906	106.80000	-0.62190	106.78	-94,330E-12	-539.56E-6	10.791E-9
1	Grid	62.11921	-22.64906	106.80000	-0.65083	106.78	-82,035E-12	-497.13E-6	

Oasys							Job No.	Sheet No.	Rev.
Highgate Junior School Sports Hall							3244		
Unloading and Loading Long Term								Drg. Ref.	
							Made by AC	Date	Checked
Ref.	Name	x	y	z	δz	Stress: Calc. Level [MOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[MOD]	[mm]				
1	Grid	125.96496	-22.64906	106.80000	-0.16802	106.78	-3.3527E-12	-74.712E-6	1.4942E-9
1	Grid	127.96014	-22.64906	106.80000	-0.14663	106.78	-3.1148E-12	-71.489E-6	1.4298E-9
1	Grid	129.95532	-22.64906	106.80000	-0.12742	106.78	-2.8944E-12	-68.488E-6	1.3690E-9
1	Grid	131.95050	-22.64906	106.80000	-0.11018	106.78	-2.6925E-12	-65.577E-6	1.3115E-9
1	Grid	133.94568	-22.64906	106.80000	-0.09472	106.78	-2.5080E-12	-62.862E-6	1.2572E-9
1	Grid	135.94086	-22.64906	106.80000	-0.08088	106.78	-2.3395E-12	-60.295E-6	1.2059E-9
1	Grid	137.93604	-22.64906	106.80000	-0.06849	106.78	-2.1856E-12	-57.864E-6	1.1573E-9
1	Grid	139.93122	-22.64906	106.80000	-0.05742	106.78	-2.0410E-12	-55.562E-6	1.1112E-9
1	Grid	141.92640	-22.64906	106.80000	-0.04753	106.78	-1.9071E-12	-53.380E-6	1.0676E-9
1	Grid	143.92158	-22.64906	106.80000	-0.03870	106.78	-1.7852E-12	-51.310E-6	1.0262E-9
1	Grid	145.91676	-22.64906	106.80000	-0.03083	106.78	-1.6733E-12	-49.346E-6	986.91E-12
1	Grid	147.91194	-22.64906	106.80000	-0.02382	106.78	-1.5681E-12	-47.479E-6	949.59E-12
1	Grid	149.90712	-22.64906	106.80000	-0.01758	106.78	-1.4708E-12	-45.706E-6	914.11E-12
1	Grid	151.90230	-22.64906	106.80000	-0.01204	106.78	-1.3816E-12	-44.019E-6	880.38E-12
1	Grid	153.89748	-22.64906	106.80000	-0.00712	106.78	-1.2963E-12	-42.414E-6	848.27E-12
1	Grid	155.89266	-22.64906	106.80000	-0.00277	106.78	-1.2210E-12	-40.885E-6	817.70E-12
1	Grid	157.88784	-22.64906	106.80000	0.00109	106.78	-1.1504E-12	-39.429E-6	788.58E-12
1	Grid	159.88302	-22.64906	106.80000	0.00449	106.78	-1.0825E-12	-38.041E-6	760.82E-12
1	Grid	161.87820	-22.64906	106.80000	0.00749	106.78	-1.0199E-12	-36.717E-6	734.34E-12
1	Grid	163.87338	-22.64906	106.80000	0.01013	106.78	0.0	-35.453E-6	709.07E-12
1	Grid	165.86856	-22.64906	106.80000	0.01244	106.78	0.0	-34.247E-6	684.94E-12
1	Grid	167.86374	-22.64906	106.80000	0.01446	106.78	0.0	-33.095E-6	661.89E-12
1	Grid	169.85892	-22.64906	106.80000	0.01622	106.78	0.0	-31.993E-6	639.86E-12
1	Grid	171.85410	-22.64906	106.80000	0.01775	106.78	0.0	-30.940E-6	618.79E-12
1	Grid	173.84928	-22.64906	106.80000	0.01907	106.78	0.0	-29.932E-6	598.64E-12
1	Grid	175.84446	-22.64906	106.80000	0.02020	106.78	0.0	-28.967E-6	579.35E-12
1	Grid	177.83964	-22.64906	106.80000	0.02116	106.78	0.0	-28.044E-6	560.87E-12
1	Grid	179.83482	-22.64906	106.80000	0.02197	106.78	0.0	-27.159E-6	543.17E-12
1	Grid	181.83000	-22.64906	106.80000	0.02265	106.78	0.0	-26.310E-6	526.21E-12
1	Grid	-95.50000	-20.77432	106.80000	0.00109	106.78	-20.976E-12	-222.56E-6	4.4512E-9
1	Grid	-93.50482	-20.77432	106.80000	-0.00236	106.78	-23.355E-12	-237.21E-6	4.7442E-9
1	Grid	-91.50964	-20.77432	106.80000	-0.00632	106.78	-26.066E-12	-253.15E-6	5.0631E-9
1	Grid	-89.51446	-20.77432	106.80000	-0.01086	106.78	-29.156E-12	-270.54E-6	5.4107E-9
1	Grid	-87.51928	-20.77432	106.80000	-0.01606	106.78	-32.695E-12	-289.52E-6	5.7904E-9
1	Grid	-85.52410	-20.77432	106.80000	-0.02200	106.78	-36.755E-12	-310.29E-6	6.2058E-9
1	Grid	-83.52892	-20.77432	106.80000	-0.02879	106.78	-41.430E-12	-333.06E-6	6.6611E-9
1	Grid	-81.53374	-20.77432	106.80000	-0.03654	106.78	-46.824E-12	-358.06E-6	7.1612E-9
1	Grid	-79.53856	-20.77432	106.80000	-0.04539	106.78	-53.076E-12	-385.58E-6	7.7115E-9
1	Grid	-77.54338	-20.77432	106.80000	-0.05548	106.78	-60.343E-12	-415.92E-6	8.3184E-9
1	Grid	-75.54820	-20.77432	106.80000	-0.06699	106.78	-68.822E-12	-449.46E-6	8.9891E-9
1	Grid	-73.55302	-20.77432	106.80000	-0.08012	106.78	-78.747E-12	-486.61E-6	9.7321E-9
1	Grid	-71.55784	-20.77432	106.80000	-0.09511	106.78	-90.413E-12	-527.85E-6	10.557E-9
1	Grid	-69.56266	-20.77432	106.80000	-0.11221	106.78	-104.18E-12	-573.76E-6	11.475E-9
1	Grid	-67.56748	-20.77432	106.80000	-0.13174	106.78	-120.49E-12	-624.99E-6	12.500E-9
1	Grid	-65.57230	-20.77432	106.80000	-0.15406	106.78	-139.91E-12	-682.31E-6	13.646E-9
1	Grid	-63.57712	-20.77432	106.80000	-0.17957	106.78	-163.13E-12	-746.60E-6	14.932E-9
1	Grid	-61.58194	-20.77432	106.80000	-0.20878	106.78	-191.04E-12	-818.94E-6	16.379E-9
1	Grid	-59.58676	-20.77432	106.80000	-0.24224	106.78	-224.73E-12	-900.55E-6	18.011E-9
1	Grid	-57.59158	-20.77432	106.80000	-0.28064	106.78	-265.63E-12	-992.92E-6	19.858E-9
1	Grid	-55.59640	-20.77432	106.80000	-0.32477	106.78	-315.56E-12	-0.0010978	21.956E-9
1	Grid	-53.60122	-20.77432	106.80000	-0.37559	106.78	-376.85E-12	-0.0021272	24.345E-9
1	Grid	-51.60604	-20.77432	106.80000	-0.43425	106.78	-452.56E-12	-0.0013537	27.075E-9
1	Grid	-49.61086	-20.77432	106.80000	-0.50214	106.78	-546.66E-12	-0.0015103	30.206E-9
1	Grid	-47.61568	-20.77432	106.80000	-0.58098	106.78	-664.40E-12	-0.0016905	33.809E-9
1	Grid	-45.62050	-20.77432	106.80000	-0.67292	106.78	-812.76E-12	-0.0018986	37.972E-9
1	Grid	-43.62532	-20.77432	106.80000	-0.78066	106.78	-1.0011E-9	-0.0021400	42.799E-9
1	Grid	-41.63014	-20.77432	106.80000	-0.90774	106.78	-1,241.9E-9	-0.0024209	48.419E-9
1	Grid	-39.63496	-20.77432	106.80000	-1.05882	106.78	-1.5525E-9	-0.0027493	54.987E-9
1	Grid	-37.63978	-20.77432	106.80000	-1.24034	106.78	-1.9566E-9	-0.0031348	62.696E-9
1	Grid	-35.64460	-20.77432	106.80000	-1.46149	106.78	-2.4875E-9	-0.0035893	71.786E-9
1	Grid	-33.64942	-20.77432	106.80000	-1.73629	106.78	-3.1927E-9	-0.0041278	82.556E-9
1	Grid	-31.65424	-20.77432	106.80000	-2.08735	106.78	-4.1422E-9	-0.0047696	95.392E-9
1	Grid	-29.65906	-20.77432	106.80000	-2.55679	106.78	-5.4430E-9	-0.0055399	110.80E-9
1	Grid	-27.66388	-20.77432	106.80000	-3.23427	106.78	-7.2680E-9	-0.0064733	129.47E-9
1	Grid	-25.66871	-20.77432	106.80000	-4.33591	106.78	-9.9173E-9	-0.0076197	152.39E-9
1	Grid	-23.67353	-20.77432	106.80000	-5.76436	106.78	-13.956E-9	-0.0090556	181.11E-9
1	Grid	-21.67835	-20.77432	106.80000	-7.14052	106.78	-20.545E-9	-0.010906	218.12E-9
1	Grid	-19.68317	-20.77432	106.80000	-7.13117	106.78	-32.291E-9	-0.013386	267.72E-9
1	Grid	-17.68799	-20.77432	106.80000	-8.46498	106.78	-55.670E-9	-0.016889	337.78E-9
1	Grid	-15.69281	-20.77432	106.80000	-9.85946	106.78	-108.61E-9	-0.022155	443.08E-9
1	Grid	-13.69763	-20.77432	106.80000	-10.32389	106.78	-245.24E-9	-0.030564	631.26E-9
1	Grid	-11.70245	-20.77432	106.80000	-10.71286	106.78	-606.11E-9	-0.040408	880.89E-9
1	Grid	-9.70727	-20.77432	106.80000	-11.06524	106.78	-1.2355E-6	-0.061583	1.2315E-6
1	Grid	-7.71209	-20.77432	106.80000	-11.33786	106.78	-1.6896E-6	-0.075961	1.5190E-6
1	Grid	-5.71691	-20.77432	106.80000	-11.50430	106.78	-1.8621E-6	-0.083941	1.6786E-6
1	Grid	-3.72173	-20.77432	106.80000	-11.56663	106.78	-1.9089E-6	-0.086921	1.7383E-6
1	Grid	-1.72655	-20.77432	106.8000					



Highgate Junior School Sports Hall

Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	106.01317	-20.77432	106.80000	-0.62298	106.78	-7.6252E-12	-121.92E-6	2.4384E-9
1	Grid	108.00835	-20.77432	106.80000	-0.55809	106.78	-6.9897E-12	-115.77E-6	2.3154E-9
1	Grid	110.00353	-20.77432	106.80000	-0.49843	106.78	-6.4182E-12	-110.02E-6	2.2004E-9
1	Grid	111.99871	-20.77432	106.80000	-0.44396	106.78	-5.8986E-12	-104.65E-6	2.0929E-9
1	Grid	113.99388	-20.77432	106.80000	-0.39448	106.78	-5.4323E-12	-99.615E-6	1.9923E-9
1	Grid	115.98906	-20.77432	106.80000	-0.34969	106.78	-5.0053E-12	-94.899E-6	1.8980E-9
1	Grid	117.98424	-20.77432	106.80000	-0.30927	106.78	-4.6196E-12	-90.473E-6	1.8095E-9
1	Grid	119.97942	-20.77432	106.80000	-0.27287	106.78	-4.2693E-12	-86.318E-6	1.7264E-9
1	Grid	121.97460	-20.77432	106.80000	-0.24015	106.78	-3.9495E-12	-82.411E-6	1.6482E-9
1	Grid	123.96978	-20.77432	106.80000	-0.21078	106.78	-3.6584E-12	-78.736E-6	1.5747E-9
1	Grid	125.96496	-20.77432	106.80000	-0.18444	106.78	-3.3926E-12	-75.274E-6	1.5055E-9
1	Grid	127.96014	-20.77432	106.80000	-0.16085	106.78	-3.1495E-12	-72.012E-6	1.4402E-9
1	Grid	129.95532	-20.77432	106.80000	-0.13974	106.78	-2.9283E-12	-68.934E-6	1.3787E-9
1	Grid	131.95050	-20.77432	106.80000	-0.12086	106.78	-2.7245E-12	-66.029E-6	1.3206E-9
1	Grid	133.94568	-20.77432	106.80000	-0.10399	106.78	-2.5366E-12	-63.284E-6	1.2657E-9
1	Grid	135.94086	-20.77432	106.80000	-0.08982	106.78	-2.3661E-12	-60.689E-6	1.2138E-9
1	Grid	137.93604	-20.77432	106.80000	-0.07548	106.78	-2.2062E-12	-58.232E-6	1.1646E-9
1	Grid	139.93122	-20.77432	106.80000	-0.06349	106.78	-2.0604E-12	-55.906E-6	1.1181E-9
1	Grid	141.92640	-20.77432	106.80000	-0.05280	106.78	-1.9271E-12	-53.702E-6	1.0740E-9
1	Grid	143.92158	-20.77432	106.80000	-0.04328	106.78	-1.8052E-12	-51.611E-6	1.0322E-9
1	Grid	145.91676	-20.77432	106.80000	-0.03513	106.78	-1.6893E-12	-49.628E-6	992.55E-12
1	Grid	147.91194	-20.77432	106.80000	-0.02728	106.78	-1.5814E-12	-47.744E-6	954.88E-12
1	Grid	149.90712	-20.77432	106.80000	-0.02059	106.78	-1.4848E-12	-45.954E-6	919.08E-12
1	Grid	151.90230	-20.77432	106.80000	-0.01465	106.78	-1.3929E-12	-44.252E-6	885.04E-12
1	Grid	153.89748	-20.77432	106.80000	-0.00938	106.78	-1.3096E-12	-42.633E-6	852.66E-12
1	Grid	155.89266	-20.77432	106.80000	-0.00474	106.78	-1.2317E-12	-41.091E-6	821.83E-12
1	Grid	157.88784	-20.77432	106.80000	-0.00060	106.78	-1.1584E-12	-39.623E-6	792.46E-12
1	Grid	159.88302	-20.77432	106.80000	0.00303	106.78	-1.0918E-12	-38.224E-6	764.48E-12
1	Grid	161.87820	-20.77432	106.80000	0.00623	106.78	-1.0265E-12	-36.889E-6	737.79E-12
1	Grid	163.87338	-20.77432	106.80000	0.00905	106.78	0.0	-35.616E-6	712.32E-12
1	Grid	165.86856	-20.77432	106.80000	0.01152	106.78	0.0	-34.401E-6	688.01E-12
1	Grid	167.86374	-20.77432	106.80000	0.01367	106.78	0.0	-33.240E-6	664.79E-12
1	Grid	169.85892	-20.77432	106.80000	0.01555	106.78	0.0	-32.130E-6	642.60E-12
1	Grid	171.85410	-20.77432	106.80000	0.01718	106.78	0.0	-31.069E-6	621.39E-12
1	Grid	173.84928	-20.77432	106.80000	0.01859	106.78	0.0	-30.055E-6	601.09E-12
1	Grid	175.84446	-20.77432	106.80000	0.01978	106.78	0.0	-29.084E-6	581.67E-12
1	Grid	177.83964	-20.77432	106.80000	0.02084	106.78	0.0	-28.154E-6	563.07E-12
1	Grid	179.83482	-20.77432	106.80000	0.02171	106.78	0.0	-27.263E-6	545.26E-12
1	Grid	181.83000	-20.77432	106.80000	0.02244	106.78	0.0	-26.409E-6	528.19E-12
1	Grid	-95.50000	-18.89957	106.80000	0.00054	106.78	-21.511E-12	-225.88E-6	4.5177E-9
1	Grid	-93.50518	-18.89957	106.80000	-0.00002	106.78	-23.982E-12	-240.915E-6	4.2938E-9
1	Grid	-91.50964	-18.89957	106.80000	-0.00710	106.78	-26.795E-12	-257.28E-6	5.1456E-9
1	Grid	-89.51446	-18.89957	106.80000	-0.01177	106.78	-30.011E-12	-275.15E-6	5.5030E-9
1	Grid	-87.51928	-18.89957	106.80000	-0.01713	106.78	-33.698E-12	-294.69E-6	5.8937E-9
1	Grid	-85.52410	-18.89957	106.80000	-0.02326	106.78	-37.939E-12	-316.09E-6	6.3219E-9
1	Grid	-83.52892	-18.89957	106.80000	-0.03027	106.78	-42.830E-12	-339.59E-6	6.7918E-9
1	Grid	-81.53374	-18.89957	106.80000	-0.03828	106.78	-48.490E-12	-365.44E-6	7.3087E-9
1	Grid	-79.53856	-18.89957	106.80000	-0.04742	106.78	-55.064E-12	-393.93E-6	7.8786E-9
1	Grid	-77.54338	-18.89957	106.80000	-0.05787	106.78	-62.723E-12	-425.40E-6	8.5081E-9
1	Grid	-75.54820	-18.89957	106.80000	-0.06980	106.78	-71.685E-12	-460.24E-6	9.2051E-9
1	Grid	-73.55302	-18.89957	106.80000	-0.08342	106.78	-82.209E-12	-498.94E-6	9.9789E-9
1	Grid	-71.55784	-18.89957	106.80000	-0.09898	106.78	-94.617E-12	-541.99E-6	10.840E-9
1	Grid	-69.56266	-18.89957	106.80000	-0.11676	106.78	-109.31E-12	-590.03E-6	11.800E-9
1	Grid	-67.56748	-18.89957	106.80000	-0.13710	106.78	-126.80E-12	-643.76E-6	12.875E-9
1	Grid	-65.57230	-18.89957	106.80000	-0.16037	106.78	-147.70E-12	-704.04E-6	14.081E-9
1	Grid	-63.57712	-18.89957	106.80000	-0.18702	106.78	-172.80E-12	-771.88E-6	15.438E-9
1	Grid	-61.58194	-18.89957	106.80000	-0.21757	106.78	-203.11E-12	-848.44E-6	16.969E-9
1	Grid	-59.58676	-18.89957	106.80000	-0.25266	106.78	-239.90E-12	-935.15E-6	18.703E-9
1	Grid	-57.59158	-18.89957	106.80000	-0.29300	106.78	-284.83E-12	-0.0010337	20.673E-9
1	Grid	-55.59640	-18.89957	106.80000	-0.33948	106.78	-340.02E-12	-0.0011460	22.919E-9
1	Grid	-53.60122	-18.89957	106.80000	-0.39313	106.78	-408.26E-12	-0.0012745	25.490E-9
1	Grid	-51.60604	-18.89957	106.80000	-0.45524	106.78	-493.18E-12	-0.0014221	28.442E-9
1	Grid	-49.61086	-18.89957	106.80000	-0.52736	106.78	-599.64E-12	-0.0015924	31.847E-9
1	Grid	-47.61568	-18.89957	106.80000	-0.61142	106.78	-734.08E-12	-0.0017895	35.790E-9
1	Grid	-45.62050	-18.89957	106.80000	-0.70984	106.78	-905.20E-12	-0.0020187	40.375E-9
1	Grid	-43.62532	-18.89957	106.80000	-0.82574	106.78	-1.1248E-9	-0.0022465	45.730E-9
1	Grid	-41.63014	-18.89957	106.80000	-0.96321	106.78	-1.4092E-9	-0.0026007	52.014E-9
1	Grid	-39.63496	-18.89957	106.80000	-1.12776	106.78	-1.7808E-9	-0.0029711	59.422E-9
1	Grid	-37.63978	-18.89957	106.80000	-1.32716	106.78	-2.2713E-9	-0.0034100	68.200E-9
1	Grid	-35.64460	-18.89957	106.80000	-1.57282	106.78	-2.9254E-9	-0.0039327	78.655E-9
1	Grid	-33.64942	-18.89957	106.80000	-1.88227	106.78	-3.8981E-9	-0.0045588	91.176E-9
1	Grid	-31.65424	-18.89957	106.80000	-2.28844	106.78	-5.0153E-9	-0.0053134	106.27E-9
1	Grid	-29.65906	-18.89957	106.80000	-2.85493	106.78	-6.6941E-9	-0.0062296	124.59E-9
1	Grid	-27.66388	-18.89957	106.80000	-3.78117	106.78	-9.0828E-9	-0.0073532	147.06E-9
1	Grid	-25.66871	-18.89957	106.80000	-6.45931	106.78	-12.599E-9	-0.0087508	175.02E-9
1	Grid	-23.67353	-18.89957	106.80000	-9.15883	106.78	-18.055E-9	-0.010678	210.55E-9
1	Grid	-21.67835	-18.89957	106.80000	-10.22403	106.78	-27.225E-9	-0.012864	257.27E-9
1	Grid	-19.68317	-18.89957	106.80000	-10.88457	106.78	-44.519E-9	-0.016099	321.97E-9
1	Grid	-17.68799	-18.89957	106.80000	-11.52141	106.78	-82.727E-9	-0.020935	418.68E-9
1	Grid	-15.69281	-18.89957	106.80000	-12.17339	106.78	-187.89E-9	-0.026998	579.94E-9
1	Grid	-13.69763	-18.89957	106.80000	-12.71981	106.78	-593.22E-9	-0.044793	895.98E-9
1	Grid	-11.70245	-18.89957	106.80000	-13.30622	106.78	-5.2687E-6	-0.083914	1.6779E-6
1	Grid	-9.70727	-18.89957	106.80000	-13.99922	106.78	-16.517E-6	-0.17014	3.4009E-6
1	Grid	-7.71209	-18.89957	106.80000	-14.50268	106.78	-21.561E-6	-0.22218	4.4411E-6
1	Grid	-5.71691	-18.89957	106.80000	-14.75986	106.78	-22.103E-6	-0.22969	4.7912E-6
1	Grid	-3.72173	-18.89957	106.80000	-14.85191	106.78	-22.106E-6	-0.23042	4.9942E-6
1	Grid	-1.72655	-18.89957	106.80000	-14.80803	106.78	-21.963E-6	-0.24284	5.8542E-6
1	Grid	0.26863	-18.89957	106.80000	-14.62162	106.78	-21.611E-6	-0.23270	4.6514E-6
1	Grid	2.26381	-18.89957	106.80000	-14.24358	106.78	-20.120E-6	-0.20498	4.0972E-6
1	Grid	4.25899	-18.89957	106.80000	-13.59458	106.78	-10.255E-6	-0.13147	2.6282E-6
1	Grid	6.25417	-18.89957	106.80000	-12.87618	106.78	-1.5280E-6	-0.062010	1.2400E-6
1	Grid	8.24935	-18.89957	106.80000	-12.22268	106.78	-353.26E-9	-0.035359	707.15E-9
1	Grid	10.24453	-18.89957	106.80000	-11.32512	106.78	-127.26E-9	-0.023408	468.15E-9
1	Grid	12.23971	-18.89957	106.80000	-9.16498	106.78	-58.970E-9	-0.016870	337.39E-9
1	Grid	14.23489	-18.89957	106.80000	-8.20130	106.78	-31.895E-9	-0.012811	256.22E-9
1	Grid	16.23007	-18.89957	106.80000	-6.87283	106.78	-19.100E-9	-0.007319	201.46E-9
1	Grid	18.22525	-18.89957	106.80000	-5.93811	106.78	-12.272E-9	-0.0081175	162.35E-9
1	Grid	20.22043	-18.89957	106.80000	-5.24648	106.78	-8.2936E-9	-0.0066621	133.24E-9
1	Grid	22.21561	-18.89957	106.80000	-4.71446	106.78			



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	96.06137	-18.89957	106.80000	-1.53473	106.78	-20.428E-12	-218.94E-6	4.3787E-9
1	Grid	88.05655	-18.89957	106.80000	-1.50220	106.78	-18.378E-12	-205.64E-6	4.1128E-9
1	Grid	90.05173	-18.89957	106.80000	-1.44620	106.78	-16.569E-12	-193.39E-6	3.8677E-9
1	Grid	92.04691	-18.89957	106.80000	-1.37054	106.78	-14.972E-12	-182.08E-6	3.6417E-9
1	Grid	94.04209	-18.89957	106.80000	-1.28035	106.78	-13.552E-12	-171.64E-6	3.4328E-9
1	Grid	96.03727	-18.89957	106.80000	-1.18136	106.78	-12.293E-12	-161.97E-6	3.2394E-9
1	Grid	98.03245	-18.89957	106.80000	-1.07897	106.78	-11.170E-12	-153.01E-6	3.0603E-9
1	Grid	100.02763	-18.89957	106.80000	-0.97755	106.78	-10.167E-12	-144.70E-6	2.8940E-9
1	Grid	102.02281	-18.89957	106.80000	-0.88023	106.78	-9.2726E-12	-136.97E-6	2.7395E-9
1	Grid	104.01799	-18.89957	106.80000	-0.78888	106.78	-8.4686E-12	-129.78E-6	2.5957E-9
1	Grid	106.01317	-18.89957	106.80000	-0.70447	106.78	-7.7471E-12	-123.09E-6	2.4617E-9
1	Grid	108.00835	-18.89957	106.80000	-0.62730	106.78	-7.0983E-12	-116.84E-6	2.3368E-9
1	Grid	110.00353	-18.89957	106.80000	-0.55729	106.78	-6.5141E-12	-111.01E-6	2.2201E-9
1	Grid	111.99871	-18.89957	106.80000	-0.49409	106.78	-5.9845E-12	-105.55E-6	2.1111E-9
1	Grid	113.99388	-18.89957	106.80000	-0.43724	106.78	-5.5083E-12	-100.45E-6	2.0090E-9
1	Grid	115.98906	-18.89957	106.80000	-0.38624	106.78	-5.0733E-12	-95.669E-6	1.9134E-9
1	Grid	117.98424	-18.89957	106.80000	-0.34057	106.78	-4.6823E-12	-91.185E-6	1.8237E-9
1	Grid	119.97942	-18.89957	106.80000	-0.29972	106.78	-4.3225E-12	-86.976E-6	1.7395E-9
1	Grid	121.97460	-18.89957	106.80000	-0.26323	106.78	-4.0001E-12	-83.020E-6	1.6604E-9
1	Grid	123.96978	-18.89957	106.80000	-0.23064	106.78	-3.7030E-12	-79.300E-6	1.5860E-9
1	Grid	125.96496	-18.89957	106.80000	-0.20156	106.78	-3.4319E-12	-75.798E-6	1.5160E-9
1	Grid	127.96014	-18.89957	106.80000	-0.17563	106.78	-3.1868E-12	-72.499E-6	1.4500E-9
1	Grid	129.95532	-18.89957	106.80000	-0.15251	106.78	-2.9590E-12	-69.387E-6	1.3877E-9
1	Grid	131.95050	-18.89957	106.80000	-0.13191	106.78	-2.7511E-12	-66.451E-6	1.3290E-9
1	Grid	133.94568	-18.89957	106.80000	-0.11355	106.78	-2.5646E-12	-63.677E-6	1.2735E-9
1	Grid	135.94086	-18.89957	106.80000	-0.09746	106.78	-2.3894E-12	-61.059E-6	1.2212E-9
1	Grid	137.93604	-18.89957	106.80000	-0.08266	106.78	-2.2289E-12	-58.574E-6	1.1715E-9
1	Grid	139.93122	-18.89957	106.80000	-0.06972	106.78	-2.0803E-12	-56.226E-6	1.1245E-9
1	Grid	141.92640	-18.89957	106.80000	-0.05821	106.78	-1.9451E-12	-54.001E-6	1.0800E-9
1	Grid	143.92158	-18.89957	106.80000	-0.04798	106.78	-1.8212E-12	-51.891E-6	1.0378E-9
1	Grid	145.91676	-18.89957	106.80000	-0.03898	106.78	-1.7024E-12	-49.890E-6	997.79E-12
1	Grid	147.91194	-18.89957	106.80000	-0.03082	106.78	-1.5954E-12	-47.990E-6	959.79E-12
1	Grid	149.90712	-18.89957	106.80000	-0.02366	106.78	-1.4955E-12	-46.185E-6	923.69E-12
1	Grid	151.90230	-18.89957	106.80000	-0.01731	106.78	-1.4055E-12	-44.469E-6	889.37E-12
1	Grid	153.89748	-18.89957	106.80000	-0.01169	106.78	-1.3176E-12	-42.836E-6	856.73E-12
1	Grid	155.89266	-18.89957	106.80000	-0.00672	106.78	-1.2397E-12	-41.243E-6	825.66E-12
1	Grid	157.88784	-18.89957	106.80000	-0.00234	106.78	-1.1664E-12	-39.803E-6	796.07E-12
1	Grid	159.88302	-18.89957	106.80000	0.00154	106.78	-1.0978E-12	-38.394E-6	767.87E-12
1	Grid	161.87820	-18.89957	106.80000	0.00495	106.78	-1.0332E-12	-37.049E-6	740.99E-12
1	Grid	163.87338	-18.89957	106.80000	0.00794	106.78	0.0	-35.767E-6	715.34E-12
1	Grid	165.86856	-18.89957	106.80000	0.01054	106.78	0.0	-34.543E-6	690.90E-12
1	Grid	167.86374	-18.89957	106.80000	0.01286	106.78	0.0	-33.374E-6	667.48E-12
1	Grid	169.85892	-18.89957	106.80000	0.01486	106.78	0.0	-32.257E-6	645.15E-12
1	Grid	171.85410	-18.89957	106.80000	0.01660	106.78	0.0	-31.190E-6	623.79E-12
1	Grid	173.84928	-18.89957	106.80000	0.01810	106.78	0.0	-30.166E-6	603.37E-12
1	Grid	175.84446	-18.89957	106.80000	0.01940	106.78	0.0	-29.184E-6	583.90E-12
1	Grid	177.83964	-18.89957	106.80000	0.02050	106.78	0.0	-28.256E-6	565.12E-12
1	Grid	179.83482	-18.89957	106.80000	0.02144	106.78	0.0	-27.360E-6	547.19E-12
1	Grid	181.83000	-18.89957	106.80000	0.02222	106.78	0.0	-26.501E-6	530.02E-12
1	Grid	-95.50000	-17.02482	106.80000	0.00004	106.78	-22.022E-12	-229.01E-6	4.5802E-9
1	Grid	-97.50518	-17.02482	106.80000	-0.00061	106.78	-24.578E-12	-244.39E-6	4.8878E-9
1	Grid	-91.50964	-17.02482	106.80000	-0.00780	106.78	-27.489E-12	-261.17E-6	5.2234E-9
1	Grid	-89.51446	-17.02482	106.80000	-0.01261	106.78	-30.831E-12	-279.50E-6	5.5900E-9
1	Grid	-87.51928	-17.02482	106.80000	-0.01811	106.78	-34.661E-12	-299.57E-6	5.9914E-9
1	Grid	-85.52410	-17.02482	106.80000	-0.02442	106.78	-39.075E-12	-321.59E-6	6.4318E-9
1	Grid	-83.52892	-17.02482	106.80000	-0.03162	106.78	-44.179E-12	-345.70E-6	6.9192E-9
1	Grid	-81.53374	-17.02482	106.80000	-0.03987	106.78	-50.098E-12	-372.45E-6	7.4489E-9
1	Grid	-79.53856	-17.02482	106.80000	-0.04930	106.78	-56.985E-12	-401.88E-6	8.0376E-9
1	Grid	-77.54338	-17.02482	106.80000	-0.06007	106.78	-65.037E-12	-434.45E-6	8.6890E-9
1	Grid	-75.54820	-17.02482	106.80000	-0.07238	106.78	-74.475E-12	-470.58E-6	9.4116E-9
1	Grid	-73.55302	-17.02482	106.80000	-0.08646	106.78	-85.596E-12	-510.76E-6	10.215E-9
1	Grid	-71.55784	-17.02482	106.80000	-0.10256	106.78	-98.748E-12	-555.58E-6	11.112E-9
1	Grid	-69.56266	-17.02482	106.80000	-0.12097	106.78	-114.38E-12	-605.69E-6	12.114E-9
1	Grid	-67.56748	-17.02482	106.80000	-0.14206	106.78	-133.04E-12	-661.89E-6	13.238E-9
1	Grid	-65.57230	-17.02482	106.80000	-0.16622	106.78	-155.44E-12	-725.11E-6	14.502E-9
1	Grid	-63.57712	-17.02482	106.80000	-0.19397	106.78	-182.46E-12	-796.46E-6	15.929E-9
1	Grid	-61.58194	-17.02482	106.80000	-0.22576	106.78	-215.24E-12	-877.25E-6	17.545E-9
1	Grid	-59.58676	-17.02482	106.80000	-0.26236	106.78	-255.26E-12	-969.05E-6	19.381E-9
1	Grid	-57.59158	-17.02482	106.80000	-0.30453	106.78	-304.39E-12	-0.0010738	21.475E-9
1	Grid	-55.59640	-17.02482	106.80000	-0.35320	106.78	-365.13E-12	-0.0011936	23.873E-9
1	Grid	-53.60122	-17.02482	106.80000	-0.40953	106.78	-440.76E-12	-0.0013314	26.629E-9
1	Grid	-51.60604	-17.02482	106.80000	-0.47489	106.78	-535.61E-12	-0.0014905	29.810E-9
1	Grid	-49.61086	-17.02482	106.80000	-0.55098	106.78	-655.52E-12	-0.0016750	33.500E-9
1	Grid	-47.61568	-17.02482	106.80000	-0.63994	106.78	-808.39E-12	-0.0018899	37.799E-9
1	Grid	-45.62050	-17.02482	106.80000	-0.74445	106.78	-1.0050E-9	-0.0021416	42.831E-9
1	Grid	-43.62532	-17.02482	106.80000	-0.86798	106.78	-1.2604E-9	-0.0024777	48.753E-9
1	Grid	-41.63014	-17.02482	106.80000	-1.01512	106.78	-1.5953E-9	-0.0027880	55.759E-9
1	Grid	-39.63496	-17.02482	106.80000	-1.19212	106.78	-2.0394E-9	-0.0032047	64.094E-9
1	Grid	-37.63978	-17.02482	106.80000	-1.40783	106.78	-2.6347E-9	-0.0037034	74.068E-9
1	Grid	-35.64460	-17.02482	106.80000	-1.67543	106.78	-3.4424E-9	-0.0043038	86.075E-9
1	Grid	-33.64942	-17.02482	106.80000	-2.01952	106.78	-4.5522E-9	-0.0050331	100.028E-9
1	Grid	-31.65424	-17.02482	106.80000	-2.46609	106.78	-6.0980E-9	-0.0059184	118.37E-9
1	Grid	-29.65906	-17.02482	106.80000	-3.10071	106.78	-8.2846E-9	-0.0070090	140.18E-9
1	Grid	-27.66388	-17.02482	106.80000	-4.11793	106.78	-11.440E-9	-0.0083624	167.25E-9
1	Grid	-25.66871	-17.02482	106.80000	-6.17727	106.78	-16.128E-9	-0.010064	201.28E-9
1	Grid	-23.67353	-17.02482	106.80000	-9.79757	106.78	-23.441E-9	-0.012777	245.00E-9
1	Grid	-21.67835	-17.02482	106.80000	-11.28686	106.78	-35.835E-9	-0.015158	303.15E-9
1	Grid	-19.68317	-17.02482	106.80000	-12.13355	106.78	-59.839E-9	-0.019264	385.27E-9
1	Grid	-17.68799	-17.02482	106.80000	-12.81934	106.78	-116.49E-9	-0.025644	512.86E-9
1	Grid	-15.69281	-17.02482	106.80000	-13.44694	106.78	-295.75E-9	-0.037172	743.41E-9
1	Grid	-13.69763	-17.02482	106.80000	-14.09098	106.78	-1.2492E-6	-0.042235	928.84E-9
1	Grid	-11.70245	-17.02482	106.80000	-15.06370	106.78	-23.358E-6	-0.18871	3.7714E-6
1	Grid	-9.70727	-17.02482	106.80000	-18.66084	106.78	-23.998	-55.885	-0.0017621
1	Grid	-7.71209	-17.02482	106.80000	-19.80656	106.78	-23.998	-56.191	-0.0017560
1	Grid	-5.71691	-17.02482	106.80000	-20.19363	106.78	-23.998	-56.216	-0.0017555
1	Grid	-3.72173	-17.02482	106.80000	-20.31688	106.78	-23.998	-56.215	-0.0017555
1	Grid	-1.72655	-17.02482	106.80000	-20.25659	106.78	-23.998	-56.202	-0.0017557
1	Grid	0.26863	-17.02482	106.80000	-19.99660	106.78	-23.998	-56.175	-0.0017563
1	Grid	2.26381	-17.02482	106.80000	-19.38034	106.78</			



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	66.10957	-17.02482	106.80000	-1.03446	106.78	-69.979E-12	-453.30E-6	9.0661E-9
1	Grid	68.10475	-17.02482	106.80000	-1.13100	106.78	-61.158E-12	-418.71E-6	8.3743E-9
1	Grid	70.09993	-17.02482	106.80000	-1.23902	106.78	-53.632E-12	-387.52E-6	7.7505E-9
1	Grid	72.09511	-17.02482	106.80000	-1.35609	106.78	-47.188E-12	-359.33E-6	7.1867E-9
1	Grid	74.09029	-17.02482	106.80000	-1.47781	106.78	-41.650E-12	-333.79E-6	6.6758E-9
1	Grid	76.08547	-17.02482	106.80000	-1.59743	106.78	-36.869E-12	-310.60E-6	6.2119E-9
1	Grid	78.08065	-17.02482	106.80000	-1.70630	106.78	-32.734E-12	-289.49E-6	5.7898E-9
1	Grid	80.07583	-17.02482	106.80000	-1.79530	106.78	-29.138E-12	-270.24E-6	5.4047E-9
1	Grid	82.07101	-17.02482	106.80000	-1.85650	106.78	-26.007E-12	-252.64E-6	5.0528E-9
1	Grid	84.06619	-17.02482	106.80000	-1.88442	106.78	-23.270E-12	-236.53E-6	4.7307E-9
1	Grid	86.06137	-17.02482	106.80000	-1.87638	106.78	-20.871E-12	-221.76E-6	4.4352E-9
1	Grid	88.05655	-17.02482	106.80000	-1.83251	106.78	-18.760E-12	-208.18E-6	4.1636E-9
1	Grid	90.05173	-17.02482	106.80000	-1.75577	106.78	-16.901E-12	-195.68E-6	3.9137E-9
1	Grid	92.04691	-17.02482	106.80000	-1.65194	106.78	-15.258E-12	-184.16E-6	3.6832E-9
1	Grid	94.04209	-17.02482	106.80000	-1.52906	106.78	-13.800E-12	-173.52E-6	3.4704E-9
1	Grid	96.03727	-17.02482	106.80000	-1.39618	106.78	-12.511E-12	-163.68E-6	3.2737E-9
1	Grid	98.03245	-17.02482	106.80000	-1.26148	106.78	-11.364E-12	-154.57E-6	3.0914E-9
1	Grid	100.02763	-17.02482	106.80000	-1.13109	106.78	-10.335E-12	-146.12E-6	2.9224E-9
1	Grid	102.02281	-17.02482	106.80000	-1.00879	106.78	-9.4198E-12	-138.27E-6	2.7654E-9
1	Grid	104.01799	-17.02482	106.80000	-0.89641	106.78	-8.5985E-12	-130.97E-6	2.6194E-9
1	Grid	106.01317	-17.02482	106.80000	-0.79451	106.78	-7.8597E-12	-124.17E-6	2.4834E-9
1	Grid	108.00835	-17.02482	106.80000	-0.70288	106.78	-7.1982E-12	-117.83E-6	2.3567E-9
1	Grid	110.00353	-17.02482	106.80000	-0.62091	106.78	-6.6041E-12	-111.92E-6	2.2384E-9
1	Grid	111.99871	-17.02482	106.80000	-0.54781	106.78	-6.0645E-12	-106.39E-6	2.1279E-9
1	Grid	113.99388	-17.02482	106.80000	-0.48275	106.78	-5.5789E-12	-101.22E-6	2.0245E-9
1	Grid	115.98906	-17.02482	106.80000	-0.42493	106.78	-5.1372E-12	-96.36E-6	1.9216E-9
1	Grid	117.98424	-17.02482	106.80000	-0.37350	106.78	-4.7362E-12	-91.844E-6	1.8369E-9
1	Grid	119.97942	-17.02482	106.80000	-0.32784	106.78	-4.3732E-12	-87.585E-6	1.7517E-9
1	Grid	121.97460	-17.02482	106.80000	-0.28729	106.78	-4.0428E-12	-83.584E-6	1.6717E-9
1	Grid	123.96978	-17.02482	106.80000	-0.25128	106.78	-3.7430E-12	-79.823E-6	1.5965E-9
1	Grid	125.96496	-17.02482	106.80000	-0.21930	106.78	-3.4692E-12	-76.295E-6	1.5257E-9
1	Grid	127.96014	-17.02482	106.80000	-0.19090	106.78	-3.2188E-12	-72.949E-6	1.4590E-9
1	Grid	129.95532	-17.02482	106.80000	-0.16567	106.78	-2.9903E-12	-69.806E-6	1.3961E-9
1	Grid	131.95050	-17.02482	106.80000	-0.14327	106.78	-2.7811E-12	-66.840E-6	1.3368E-9
1	Grid	133.94568	-17.02482	106.80000	-0.12337	106.78	-2.5886E-12	-64.039E-6	1.2808E-9
1	Grid	135.94086	-17.02482	106.80000	-0.10571	106.78	-2.4127E-12	-61.313E-6	1.2279E-9
1	Grid	137.93604	-17.02482	106.80000	-0.09002	106.78	-2.2509E-12	-58.890E-6	1.1778E-9
1	Grid	139.93122	-17.02482	106.80000	-0.07609	106.78	-2.0977E-12	-56.520E-6	1.1304E-9
1	Grid	141.92640	-17.02482	106.80000	-0.06373	106.78	-1.9624E-12	-54.276E-6	1.0855E-9
1	Grid	143.92158	-17.02482	106.80000	-0.05277	106.78	-1.8345E-12	-52.149E-6	1.0430E-9
1	Grid	145.91676	-17.02482	106.80000	-0.04305	106.78	-1.7188E-12	-50.031E-6	1.0026E-9
1	Grid	147.91194	-17.02482	106.80000	-0.03443	106.78	-1.6100E-12	-48.216E-6	964.32E-12
1	Grid	149.90712	-17.02482	106.80000	-0.02679	106.78	-1.5081E-12	-46.397E-6	927.94E-12
1	Grid	151.90230	-17.02482	106.80000	-0.02003	106.78	-1.4169E-12	-44.668E-6	893.36E-12
1	Grid	153.89748	-17.02482	106.80000	-0.01405	106.78	-1.3303E-12	-43.024E-6	860.48E-12
1	Grid	155.89266	-17.02482	106.80000	-0.00828	106.78	-1.2497E-12	-41.459E-6	829.18E-12
1	Grid	157.88784	-17.02482	106.80000	-0.00410	106.78	-1.1791E-12	-39.969E-6	799.39E-12
1	Grid	159.88302	-17.02482	106.80000	0.00001	106.78	-1.1064E-12	-38.550E-6	771.00E-12
1	Grid	161.87820	-17.02482	106.80000	0.00363	106.78	-1.0418E-12	-37.197E-6	743.93E-12
1	Grid	163.87338	-17.02482	106.80000	0.00681	106.78	0.0	-35.906E-6	718.12E-12
1	Grid	165.86856	-17.02482	106.80000	0.00968	106.78	0.0	-34.674E-6	693.98E-12
1	Grid	167.86374	-17.02482	106.80000	0.01203	106.78	0.0	-33.498E-6	669.96E-12
1	Grid	169.85892	-17.02482	106.80000	0.01416	106.78	0.0	-32.374E-6	647.49E-12
1	Grid	171.85410	-17.02482	106.80000	0.01600	106.78	0.0	-31.300E-6	626.01E-12
1	Grid	173.84928	-17.02482	106.80000	0.01760	106.78	0.0	-30.273E-6	605.46E-12
1	Grid	175.84446	-17.02482	106.80000	0.01895	106.78	0.0	-29.290E-6	585.81E-12
1	Grid	177.83964	-17.02482	106.80000	0.02015	106.78	0.0	-28.350E-6	566.99E-12
1	Grid	179.83482	-17.02482	106.80000	0.02115	106.78	0.0	-27.449E-6	548.97E-12
1	Grid	181.83000	-17.02482	106.80000	0.02200	106.78	0.0	-26.585E-6	531.71E-12
1	Grid	-95.50000	-15.15007	106.80000	-0.00041	106.78	-22.507E-12	-231.92E-6	4.6384E-9
1	Grid	-93.50482	-15.15007	106.80000	-0.00045	106.78	-25.141E-12	-247.64E-6	4.9528E-9
1	Grid	-91.50964	-15.15007	106.80000	-0.00843	106.78	-28.147E-12	-264.80E-6	5.2960E-9
1	Grid	-89.51446	-15.15007	106.80000	-0.01335	106.78	-31.602E-12	-283.57E-6	5.6714E-9
1	Grid	-87.51928	-15.15007	106.80000	-0.01899	106.78	-35.576E-12	-304.14E-6	6.0829E-9
1	Grid	-85.52410	-15.15007	106.80000	-0.02546	106.78	-40.157E-12	-326.74E-6	6.5348E-9
1	Grid	-83.52892	-15.15007	106.80000	-0.03295	106.78	-45.465E-12	-351.61E-6	7.0321E-9
1	Grid	-81.53374	-15.15007	106.80000	-0.04131	106.78	-51.636E-12	-379.04E-6	7.5808E-9
1	Grid	-79.53856	-15.15007	106.80000	-0.05099	106.78	-58.833E-12	-409.37E-6	8.1874E-9
1	Grid	-77.54338	-15.15007	106.80000	-0.06206	106.78	-67.261E-12	-442.99E-6	8.8597E-9
1	Grid	-75.54820	-15.15007	106.80000	-0.07473	106.78	-77.168E-12	-480.35E-6	9.6069E-9
1	Grid	-73.55302	-15.15007	106.80000	-0.08922	106.78	-88.872E-12	-521.97E-6	1.0439E-9
1	Grid	-71.55784	-15.15007	106.80000	-0.10580	106.78	-102.76E-12	-568.49E-6	1.1370E-9
1	Grid	-69.56266	-15.15007	106.80000	-0.12480	106.78	-119.32E-12	-620.61E-6	12.412E-9
1	Grid	-67.56748	-15.15007	106.80000	-0.14657	106.78	-139.16E-12	-679.21E-6	13.584E-9
1	Grid	-65.57230	-15.15007	106.80000	-0.17155	106.78	-163.06E-12	-745.30E-6	14.906E-9
1	Grid	-63.57712	-15.15007	106.80000	-0.20024	106.78	-192.02E-12	-820.10E-6	16.402E-9
1	Grid	-61.58194	-15.15007	106.80000	-0.23322	106.78	-227.31E-12	-905.06E-6	18.101E-9
1	Grid	-59.58676	-15.15007	106.80000	-0.27122	106.78	-270.61E-12	-0.0010019	20.039E-9
1	Grid	-57.59158	-15.15007	106.80000	-0.31506	106.78	-324.09E-12	-0.0011128	22.256E-9
1	Grid	-55.59640	-15.15007	106.80000	-0.36576	106.78	-390.61E-12	-0.0012403	24.806E-9
1	Grid	-53.60122	-15.15007	106.80000	-0.42458	106.78	-474.00E-12	-0.0013875	27.750E-9
1	Grid	-51.60604	-15.15007	106.80000	-0.49288	106.78	-579.41E-12	-0.0015583	31.165E-9
1	Grid	-49.61086	-15.15007	106.80000	-0.57263	106.78	-713.81E-12	-0.0017574	35.148E-9
1	Grid	-47.61568	-15.15007	106.80000	-0.66608	106.78	-886.81E-12	-0.0019908	39.816E-9
1	Grid	-45.62050	-15.15007	106.80000	-0.77614	106.78	-1.1118E-9	-0.0022659	45.319E-9
1	Grid	-43.62532	-15.15007	106.80000	-0.90059	106.78	-1.4075E-9	-0.0026909	51.843E-9
1	Grid	-41.63014	-15.15007	106.80000	-1.06242	106.78	-1.8007E-9	-0.0029814	59.627E-9
1	Grid	-39.63496	-15.15007	106.80000	-1.25043	106.78	-2.3302E-9	-0.0034488	68.976E-9
1	Grid	-37.63978	-15.15007	106.80000	-1.48026	106.78	-3.0528E-9	-0.0040140	80.280E-9
1	Grid	-35.64460	-15.15007	106.80000	-1.76616	106.78	-4.0526E-9	-0.0047025	94.049E-9
1	Grid	-33.64942	-15.15007	106.80000	-2.13065	106.78	-5.4566E-9	-0.005472	110.48E-9
1	Grid	-31.65424	-15.15007	106.80000	-2.61224	106.78	-7.4578E-9	-0.0065919	131.84E-9
1	Grid	-29.65906	-15.15007	106.80000	-3.28455	106.78	-10.354E-9	-0.0078941	157.88E-9
1	Grid	-27.66388	-15.15007	106.80000	-4.31356	106.78	-14.616E-9	-0.0095317	190.63E-9
1	Grid	-25.66871	-15.15007	106.80000	-6.29354	106.78	-21.016E-9	-0.011614	232.27E-9
1	Grid	-23.67353	-15.15007	106.80000	-10.41781	106.78	-30.966E-9	-0.014789	286.11E-9
1	Grid	-21.67835	-15.15007	106.80000	-11.91027	106.78	-47.545E-9	-0.017895	357.89E-9
1	Grid	-19.68317	-15.15007	106.80000	-12.87960	106.78	-79.122E-9	-0.022968	459.35E-9
1	Grid	-17.68799	-15.150						

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term										Job No.	Sheet No.	Rev.		
										3244				
										Drg. Ref.				
Made by AC		Date		Checked										
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain					
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]					
1	Grid	46.15777	-15.15007	106.80000	-0.80357	106.78	-362.58E-12	-0.0011866	23.731E-9					
1	Grid	48.15295	-15.15007	106.80000	-0.77179	106.78	-300.85E-12	-0.0010648	21.295E-9					
1	Grid	50.14813	-15.15007	106.80000	-0.75630	106.78	-251.30E-12	-958.95E-6	19.179E-9					
1	Grid	52.14331	-15.15007	106.80000	-0.75581	106.78	-211.22E-12	-866.58E-6	17.332E-9					
1	Grid	54.13849	-15.15007	106.80000	-0.76962	106.78	-178.55E-12	-785.61E-6	15.712E-9					
1	Grid	56.13367	-15.15007	106.80000	-0.79746	106.78	-151.76E-12	-714.34E-6	14.287E-9					
1	Grid	58.12885	-15.15007	106.80000	-0.83944	106.78	-129.64E-12	-651.37E-6	13.027E-9					
1	Grid	60.12403	-15.15007	106.80000	-0.89599	106.78	-111.27E-12	-595.54E-6	11.911E-9					
1	Grid	62.11921	-15.15007	106.80000	-0.96783	106.78	-95.93E-12	-545.86E-6	10.917E-9					
1	Grid	64.11439	-15.15007	106.80000	-1.05587	106.78	-83.058E-12	-501.53E-6	10.031E-9					
1	Grid	66.10957	-15.15007	106.80000	-1.16109	106.78	-72.200E-12	-461.83E-6	9.2366E-9					
1	Grid	68.10475	-15.15007	106.80000	-1.28421	106.78	-62.997E-12	-426.19E-6	8.5238E-9					
1	Grid	70.09993	-15.15007	106.80000	-1.42519	106.78	-55.165E-12	-394.11E-6	7.8821E-9					
1	Grid	72.09511	-15.15007	106.80000	-1.58224	106.78	-48.473E-12	-365.14E-6	7.3028E-9					
1	Grid	74.09029	-15.15007	106.80000	-1.75035	106.78	-42.728E-12	-338.93E-6	6.7786E-9					
1	Grid	76.08547	-15.15007	106.80000	-1.92003	106.78	-37.780E-12	-315.16E-6	6.3032E-9					
1	Grid	78.08065	-15.15007	106.80000	-2.07747	106.78	-33.504E-12	-293.55E-6	5.8709E-9					
1	Grid	80.07583	-15.15007	106.80000	-2.20755	106.78	-29.794E-12	-273.86E-6	5.4772E-9					
1	Grid	82.07101	-15.15007	106.80000	-2.29767	106.78	-26.567E-12	-255.88E-6	5.1176E-9					
1	Grid	84.06619	-15.15007	106.80000	-2.33982	106.78	-23.750E-12	-239.44E-6	4.7888E-9					
1	Grid	86.06137	-15.15007	106.80000	-2.33039	106.78	-21.284E-12	-224.37E-6	4.4874E-9					
1	Grid	88.05655	-15.15007	106.80000	-2.26957	106.78	-19.115E-12	-210.53E-6	4.2106E-9					
1	Grid	90.05173	-15.15007	106.80000	-2.16140	106.78	-17.208E-12	-197.80E-6	3.9561E-9					
1	Grid	92.04691	-15.15007	106.80000	-2.01452	106.78	-15.526E-12	-186.08E-6	3.7216E-9					
1	Grid	94.04209	-15.15007	106.80000	-1.84203	106.78	-14.037E-12	-175.26E-6	3.5052E-9					
1	Grid	96.03727	-15.15007	106.80000	-1.65902	106.78	-12.712E-12	-165.26E-6	3.3052E-9					
1	Grid	98.03245	-15.15007	106.80000	-1.47852	106.78	-11.539E-12	-156.00E-6	3.1201E-9					
1	Grid	100.02763	-15.15007	106.80000	-1.30897	106.78	-10.490E-12	-147.42E-6	2.9485E-9					
1	Grid	102.02281	-15.15007	106.80000	-1.15444	106.78	-9.5524E-12	-139.46E-6	2.7892E-9					
1	Grid	104.01799	-15.15007	106.80000	-1.01601	106.78	-8.7177E-12	-132.06E-6	2.6411E-9					
1	Grid	106.01317	-15.15007	106.80000	-0.89316	106.78	-7.9670E-12	-125.17E-6	2.5034E-9					
1	Grid	108.00835	-15.15007	106.80000	-0.78467	106.78	-7.2928E-12	-118.75E-6	2.3750E-9					
1	Grid	110.00353	-15.15007	106.80000	-0.68907	106.78	-6.6847E-12	-112.76E-6	2.2552E-9					
1	Grid	111.99871	-15.15007	106.80000	-0.60488	106.78	-6.1378E-12	-107.16E-6	2.1433E-9					
1	Grid	113.99388	-15.15007	106.80000	-0.53075	106.78	-5.6435E-12	-101.93E-6	2.0387E-9					
1	Grid	115.98906	-15.15007	106.80000	-0.46544	106.78	-5.1952E-12	-97.037E-6	1.9407E-9					
1	Grid	117.98424	-15.15007	106.80000	-0.40786	106.78	-4.7888E-12	-92.448E-6	1.8490E-9					
1	Grid	119.97942	-15.15007	106.80000	-0.35705	106.78	-4.4225E-12	-88.143E-6	1.7629E-9					
1	Grid	121.97460	-15.15007	106.80000	-0.31220	106.78	-4.0867E-12	-84.100E-6	1.6820E-9					
1	Grid	123.96978	-15.15007	106.80000	-0.27258	106.78	-3.7830E-12	-80.301E-6	1.6060E-9					
1	Grid	125.96496	-15.15007	106.80000	-0.23755	106.78	-3.5045E-12	-76.726E-6	1.5345E-9					
1	Grid	127.96014	-15.15007	106.80000	-0.20656	106.78	-3.2494E-12	-73.361E-6	1.4672E-9					
1	Grid	129.95532	-15.15007	106.80000	-0.17915	106.78	-3.0176E-12	-70.188E-6	1.4038E-9					
1	Grid	131.95050	-15.15007	106.80000	-0.15488	106.78	-2.8058E-12	-67.196E-6	1.3439E-9					
1	Grid	133.94568	-15.15007	106.80000	-0.13339	106.78	-2.6112E-12	-64.371E-6	1.2874E-9					
1	Grid	135.94086	-15.15007	106.80000	-0.11436	106.78	-2.4307E-12	-61.702E-6	1.2340E-9					
1	Grid	137.93604	-15.15007	106.80000	-0.09751	106.78	-2.2655E-12	-59.178E-6	1.1836E-9					
1	Grid	139.93122	-15.15007	106.80000	-0.08257	106.78	-2.1143E-12	-56.790E-6	1.1358E-9					
1	Grid	141.92640	-15.15007	106.80000	-0.06935	106.78	-1.9764E-12	-54.528E-6	1.0906E-9					
1	Grid	143.92158	-15.15007	106.80000	-0.05764	106.78	-1.8492E-12	-52.385E-6	1.0477E-9					
1	Grid	145.91676	-15.15007	106.80000	-0.04726	106.78	-1.7293E-12	-50.352E-6	1.0070E-9					
1	Grid	147.91194	-15.15007	106.80000	-0.03807	106.78	-1.6180E-12	-48.423E-6	9.6846E-12					
1	Grid	149.90712	-15.15007	106.80000	-0.02996	106.78	-1.5175E-12	-46.591E-6	9.3182E-12					
1	Grid	151.90230	-15.15007	106.80000	-0.02278	106.78	-1.4235E-12	-44.850E-6	8.9701E-12					
1	Grid	153.89748	-15.15007	106.80000	-0.01643	106.78	-1.3389E-12	-43.195E-6	8.6390E-12					
1	Grid	155.89266	-15.15007	106.80000	-0.01083	106.78	-1.2563E-12	-41.620E-6	8.3240E-12					
1	Grid	157.88784	-15.15007	106.80000	-0.00589	106.78	-1.1817E-12	-40.121E-6	8.0242E-12					
1	Grid	159.88302	-15.15007	106.80000	-0.00153	106.78	-1.1144E-12	-38.692E-6	7.7385E-12					
1	Grid	161.87820	-15.15007	106.80000	0.00230	106.78	-1.0472E-12	-37.331E-6	7.4662E-12					
1	Grid	163.87338	-15.15007	106.80000	0.00566	106.78	0.0	-36.033E-6	7.2065E-12					
1	Grid	165.86856	-15.15007	106.80000	0.00861	106.78	0.0	-34.794E-6	6.9588E-12					
1	Grid	167.86374	-15.15007	106.80000	0.01119	106.78	0.0	-33.611E-6	6.7222E-12					
1	Grid	169.85892	-15.15007	106.80000	0.01344	106.78	0.0	-32.481E-6	6.4962E-12					
1	Grid	171.85410	-15.15007	106.80000	0.01539	106.78	0.0	-31.401E-6	6.2802E-12					
1	Grid	173.84928	-15.15007	106.80000	0.01709	106.78	0.0	-30.369E-6	6.0737E-12					
1	Grid	175.84446	-15.15007	106.80000	0.01854	106.78	0.0	-29.381E-6	5.8761E-12					
1	Grid	177.83964	-15.15007	106.80000	0.01979	106.78	0.0	-28.435E-6	5.6870E-12					
1	Grid	179.83482	-15.15007	106.80000	0.02086	106.78	0.0	-27.530E-6	5.5059E-12					
1	Grid	181.83000	-15.15007	106.80000	0.02176	106.78	0.0	-26.662E-6	5.3325E-12					
1	Grid	-95.50000	-13.27532	106.80000	-0.00080	106.78	-22.952E-12	-234.60E-6	4.6921E-9					
1	Grid	-93.50482	-13.27532	106.80000	-0.00063	106.78	-25.665E-12	-250.63E-6	4.0127E-9					
1	Grid	-91.50964	-13.27532	106.80000	-0.00898	106.78	-28.766E-12	-268.15E-6	5.3630E-9					
1	Grid	-89.51446	-13.27532	106.80000	-0.01401	106.78	-32.325E-12	-287.33E-6	5.7466E-9					
1	Grid	-87.51928	-13.27532	106.80000	-0.01977	106.78	-36.432E-12	-308.38E-6	6.1675E-9					
1	Grid	-85.52410	-13.27532	106.80000	-0.02637	106.78	-41.176E-12	-331.51E-6	6.6302E-9					
1	Grid	-83.52892	-13.27532	106.80000	-0.03393	106.78	-46.679E-12	-357.10E-6						



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	26.20597	-13.27532	106.80000	-7.00967	106.78	-4.4918E-9	-0.0049542	99.084E-9
1	Grid	28.20115	-13.27532	106.80000	-3.49136	106.78	-3.2872E-9	-0.0041686	83.372E-9
1	Grid	30.19633	-13.27532	106.80000	-2.50120	106.78	-2.4535E-9	-0.0035410	70.820E-9
1	Grid	32.19151	-13.27532	106.80000	-1.96240	106.78	-1.8629E-9	-0.0030332	60.664E-9
1	Grid	34.18669	-13.27532	106.80000	-1.61385	106.78	-1.4358E-9	-0.0026178	52.356E-9
1	Grid	36.18187	-13.27532	106.80000	-1.36940	106.78	-1.1215E-9	-0.0022747	45.493E-9
1	Grid	38.17705	-13.27532	106.80000	-1.19078	106.78	-886.50E-12	-0.0019887	39.774E-9
1	Grid	40.17223	-13.27532	106.80000	-1.05797	106.78	-708.32E-12	-0.0017485	34.969E-9
1	Grid	42.16741	-13.27532	106.80000	-0.95938	106.78	-571.51E-12	-0.0015452	30.904E-9
1	Grid	44.16259	-13.27532	106.80000	-0.88780	106.78	-465.25E-12	-0.0013721	27.442E-9
1	Grid	46.15777	-13.27532	106.80000	-0.83861	106.78	-381.85E-12	-0.0012237	24.475E-9
1	Grid	48.15295	-13.27532	106.80000	-0.80877	106.78	-315.77E-12	-0.0010959	21.918E-9
1	Grid	50.14813	-13.27532	106.80000	-0.79632	106.78	-262.95E-12	-985.18E-6	19.704E-9
1	Grid	52.14331	-13.27532	106.80000	-0.80011	106.78	-220.39E-12	-888.80E-6	17.776E-9
1	Grid	54.13849	-13.27532	106.80000	-0.81960	106.78	-185.83E-12	-804.52E-6	16.090E-9
1	Grid	56.13367	-13.27532	106.80000	-0.85481	106.78	-157.57E-12	-730.51E-6	14.610E-9
1	Grid	58.12885	-13.27532	106.80000	-0.90621	106.78	-134.31E-12	-665.27E-6	13.305E-9
1	Grid	60.12403	-13.27532	106.80000	-0.97477	106.78	-115.05E-12	-607.52E-6	12.150E-9
1	Grid	62.11921	-13.27532	106.80000	-1.06192	106.78	-99.011E-12	-556.25E-6	11.125E-9
1	Grid	64.11439	-13.27532	106.80000	-1.16961	106.78	-85.580E-12	-510.55E-6	10.211E-9
1	Grid	66.10957	-13.27532	106.80000	-1.30017	106.78	-74.276E-12	-469.71E-6	9.394E-9
1	Grid	68.10475	-13.27532	106.80000	-1.45623	106.78	-64.717E-12	-433.09E-6	8.661E-9
1	Grid	70.09993	-13.27532	106.80000	-1.64009	106.78	-56.595E-12	-400.17E-6	8.0033E-9
1	Grid	72.09511	-13.27532	106.80000	-1.85234	106.78	-49.666E-12	-370.48E-6	7.4097E-9
1	Grid	74.09029	-13.27532	106.80000	-2.08897	106.78	-43.730E-12	-343.65E-6	6.8731E-9
1	Grid	76.08547	-13.27532	106.80000	-2.35157	106.78	-38.627E-12	-319.35E-6	6.3869E-9
1	Grid	78.08065	-13.27532	106.80000	-2.57256	106.78	-34.219E-12	-297.27E-6	5.9454E-9
1	Grid	80.07583	-13.27532	106.80000	-2.76826	106.78	-30.399E-12	-277.18E-6	5.5435E-9
1	Grid	82.07101	-13.27532	106.80000	-2.90337	106.78	-27.084E-12	-258.85E-6	5.1769E-9
1	Grid	84.06619	-13.27532	106.80000	-2.96719	106.78	-24.191E-12	-242.09E-6	4.8419E-9
1	Grid	86.06137	-13.27532	106.80000	-3.05532	106.78	-21.661E-12	-226.75E-6	4.5350E-9
1	Grid	88.05655	-13.27532	106.80000	-2.86933	106.78	-19.442E-12	-212.68E-6	4.2535E-9
1	Grid	90.05173	-13.27532	106.80000	-2.71221	106.78	-17.491E-12	-199.74E-6	3.9948E-9
1	Grid	92.04691	-13.27532	106.80000	-2.49648	106.78	-15.770E-12	-187.83E-6	3.7565E-9
1	Grid	94.04209	-13.27532	106.80000	-2.24444	106.78	-14.247E-12	-176.84E-6	3.5368E-9
1	Grid	96.03727	-13.27532	106.80000	-1.98142	106.78	-12.900E-12	-166.70E-6	3.3319E-9
1	Grid	98.03245	-13.27532	106.80000	-1.73662	106.78	-11.699E-12	-157.31E-6	3.1462E-9
1	Grid	100.02763	-13.27532	106.80000	-1.51376	106.78	-10.631E-12	-148.61E-6	2.9722E-9
1	Grid	102.02281	-13.27532	106.80000	-1.31787	106.78	-9.6796E-12	-140.54E-6	2.8109E-9
1	Grid	104.01799	-13.27532	106.80000	-1.14755	106.78	-8.8269E-12	-133.05E-6	2.6609E-9
1	Grid	106.01317	-13.27532	106.80000	-0.99999	106.78	-8.0642E-12	-126.07E-6	2.5215E-9
1	Grid	108.00835	-13.27532	106.80000	-0.87217	106.78	-7.3781E-12	-119.58E-6	2.3916E-9
1	Grid	110.00353	-13.27532	106.80000	-0.76128	106.78	-6.7606E-12	-113.52E-6	2.2704E-9
1	Grid	111.99871	-13.27532	106.80000	-0.66488	106.78	-6.2050E-12	-107.86E-6	2.1573E-9
1	Grid	113.99389	-13.27532	106.80000	-0.58089	106.78	-5.7008E-12	-102.58E-6	2.0515E-9
1	Grid	115.98906	-13.27532	106.80000	-0.50960	106.78	-5.2518E-12	-97.620E-6	1.9526E-9
1	Grid	117.98424	-13.27532	106.80000	-0.44339	106.78	-4.8361E-12	-92.995E-6	1.8599E-9
1	Grid	119.97942	-13.27532	106.80000	-0.38715	106.78	-4.4611E-12	-88.648E-6	1.7730E-9
1	Grid	121.97460	-13.27532	106.80000	-0.33778	106.78	-4.1240E-12	-84.568E-6	1.6914E-9
1	Grid	123.96978	-13.27532	106.80000	-0.29438	106.78	-3.8156E-12	-80.734E-6	1.6147E-9
1	Grid	125.96496	-13.27532	106.80000	-0.25618	106.78	-3.5388E-12	-77.128E-6	1.5466E-9
1	Grid	127.96014	-13.27532	106.80000	-0.22253	106.78	-3.2774E-12	-73.733E-6	1.4747E-9
1	Grid	129.95532	-13.27532	106.80000	-0.19286	106.78	-3.0429E-12	-70.534E-6	1.4107E-9
1	Grid	131.95050	-13.27532	106.80000	-0.16667	106.78	-2.8257E-12	-67.518E-6	1.3504E-9
1	Grid	133.94568	-13.27532	106.80000	-0.14355	106.78	-2.6292E-12	-64.671E-6	1.2934E-9
1	Grid	135.94086	-13.27532	106.80000	-0.12113	106.78	-2.4514E-12	-61.991E-6	1.2466E-9
1	Grid	137.93604	-13.27532	106.80000	-0.10508	106.78	-2.2835E-12	-59.439E-6	1.1888E-9
1	Grid	139.93122	-13.27532	106.80000	-0.08913	106.78	-2.1303E-12	-57.033E-6	1.1407E-9
1	Grid	141.92640	-13.27532	106.80000	-0.07502	106.78	-1.9897E-12	-54.756E-6	1.0951E-9
1	Grid	143.92158	-13.27532	106.80000	-0.06255	106.78	-1.8598E-12	-52.598E-6	1.0520E-9
1	Grid	145.91676	-13.27532	106.80000	-0.05153	106.78	-1.7393E-12	-50.551E-6	1.0110E-9
1	Grid	147.91194	-13.27532	106.80000	-0.04178	106.78	-1.6300E-12	-48.610E-6	972.20E-12
1	Grid	149.90712	-13.27532	106.80000	-0.03317	106.78	-1.5294E-12	-46.766E-6	935.33E-12
1	Grid	151.90230	-13.27532	106.80000	-0.02556	106.78	-1.4335E-12	-45.015E-6	900.29E-12
1	Grid	153.89748	-13.27532	106.80000	-0.01884	106.78	-1.3463E-12	-43.350E-6	866.99E-12
1	Grid	155.89266	-13.27532	106.80000	-0.01292	106.78	-1.2643E-12	-41.765E-6	835.31E-12
1	Grid	157.88784	-13.27532	106.80000	-0.00769	106.78	-1.1897E-12	-40.257E-6	805.15E-12
1	Grid	159.88302	-13.27532	106.80000	-0.00310	106.78	-1.1184E-12	-38.821E-6	776.42E-12
1	Grid	161.87820	-13.27532	106.80000	-0.00095	106.78	-1.0545E-12	-37.452E-6	749.04E-12
1	Grid	163.87338	-13.27532	106.80000	0.00450	106.78	0.0	-36.147E-6	722.94E-12
1	Grid	165.86856	-13.27532	106.80000	0.00761	106.78	0.0	-34.902E-6	698.03E-12
1	Grid	167.86374	-13.27532	106.80000	0.01033	106.78	0.0	-33.713E-6	674.25E-12
1	Grid	169.85892	-13.27532	106.80000	0.01271	106.78	0.0	-32.577E-6	651.54E-12
1	Grid	171.85410	-13.27532	106.80000	0.01477	106.78	0.0	-31.492E-6	629.84E-12
1	Grid	173.84928	-13.27532	106.80000	0.01656	106.78	0.0	-30.455E-6	609.09E-12
1	Grid	175.84446	-13.27532	106.80000	0.01810	106.78	0.0	-29.467E-6	589.24E-12
1	Grid	177.83964	-13.27532	106.80000	0.01943	106.78	0.0	-28.512E-6	570.24E-12
1	Grid	179.83482	-13.27532	106.80000	0.02056	106.78	0.0	-27.603E-6	552.06E-12
1	Grid	181.83000	-13.27532	106.80000	0.02151	106.78	0.0	-26.732E-6	534.63E-12
1	Grid	-95.50000	-11.40058	106.80000	-0.00113	106.78	-23.368E-12	-237.04E-6	4.7408E-9
1	Grid	-93.50482	-11.40058	106.80000	-0.00050	106.78	-26.147E-12	-253.36E-6	5.0061E-9
1	Grid	-91.50964	-11.40058	106.80000	-0.00945	106.78	-29.333E-12	-271.20E-6	5.4241E-9
1	Grid	-89.51446	-11.40058	106.80000	-0.01456	106.78	-32.996E-12	-290.76E-6	5.8152E-9
1	Grid	-87.51928	-11.40058	106.80000	-0.02043	106.78	-37.226E-12	-312.24E-6	6.2447E-9
1	Grid	-85.52410	-11.40058	106.80000	-0.02715	106.78	-42.118E-12	-335.87E-6	6.71174E-9
1	Grid	-83.52892	-11.40058	106.80000	-0.03491	106.78	-47.806E-12	-361.55E-6	7.2389E-9
1	Grid	-81.53374	-11.40058	106.80000	-0.04367	106.78	-54.438E-12	-390.78E-6	7.8156E-9
1	Grid	-79.53856	-11.40058	106.80000	-0.05377	106.78	-62.204E-12	-422.75E-6	8.4549E-9
1	Grid	-77.54338	-11.40058	106.80000	-0.06534	106.78	-71.342E-12	-458.28E-6	9.1656E-9
1	Grid	-75.54820	-11.40058	106.80000	-0.07859	106.78	-82.138E-12	-497.89E-6	9.9578E-9
1	Grid	-73.55302	-11.40058	106.80000	-0.09377	106.78	-94.954E-12	-542.17E-6	10.8438E-9
1	Grid	-71.55784	-11.40058	106.80000	-0.11117	106.78	-110.24E-12	-591.83E-6	11.837E-9
1	Grid	-69.56266	-11.40058	106.80000	-0.13114	106.78	-128.57E-12	-647.71E-6	12.954E-9
1	Grid	-67.56748	-11.40058	106.80000	-0.15406	106.78	-150.69E-12	-710.80E-6	14.216E-9
1	Grid	-65.57230	-11.40058	106.80000	-0.18040	106.78	-177.53E-12	-782.29E-6	15.646E-9
1	Grid	-63.57712	-11.40058	106.80000	-0.21040	106.78	-210.30E-12	-916.63E-6	17.272E-9
1	Grid	-61.58194	-11.40058	106.80000	-0.24565	106.78	-250.60E-12	-956.53E-6	19.131E-9
1	Grid	-59.58676	-11.40058	106.80000	-0.28598	106.78	-300.51E-12	-0.0010631	21.263E-9
1	Grid	-57.59158							

Highgate Junior School Sports Hall Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mcd]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mcd]	[mm]				
1	Grid	6.25417	-11.40058	106.80000	-16.82970	106.78	-8.6756E-6	-0.17704	3.5398E-6
1	Grid	8.24935	-11.40058	106.80000	-15.58290	106.78	-1.1303E-6	-0.077042	1.5407E-6
1	Grid	10.24453	-11.40058	106.80000	-14.60004	106.78	-338.55E-9	-0.045330	906.56E-9
1	Grid	12.23971	-11.40058	106.80000	-13.55040	106.78	-143.17E-9	-0.030249	604.95E-9
1	Grid	14.23489	-11.40058	106.80000	-12.34588	106.78	-72.220E-9	-0.021597	431.93E-9
1	Grid	16.23007	-11.40058	106.80000	-11.35694	106.78	-40.472E-9	-0.016100	322.00E-9
1	Grid	18.22525	-11.40058	106.80000	-10.57292	106.78	-24.379E-9	-0.012380	247.60E-9
1	Grid	20.22043	-11.40058	106.80000	-9.88063	106.78	-15.503E-9	-0.0097504	195.01E-9
1	Grid	22.21561	-11.40058	106.80000	-9.18473	106.78	-10.289E-9	-0.0078283	156.57E-9
1	Grid	24.21079	-11.40058	106.80000	-8.32783	106.78	-7.0704E-9	-0.0063862	127.77E-9
1	Grid	26.20597	-11.40058	106.80000	-6.58970	106.78	-5.0007E-9	-0.0052806	105.61E-9
1	Grid	28.20115	-11.40058	106.80000	-3.35557	106.78	-3.6241E-9	-0.0044175	88.349E-9
1	Grid	30.19633	-11.40058	106.80000	-2.47512	106.78	-2.6818E-9	-0.0037332	74.664E-9
1	Grid	32.19151	-11.40058	106.80000	-1.97189	106.78	-2.0208E-9	-0.0031834	63.669E-9
1	Grid	34.18669	-11.40058	106.80000	-1.63554	106.78	-1.5471E-9	-0.0027365	54.730E-9
1	Grid	36.18187	-11.40058	106.80000	-1.19357	106.78	-1.2012E-9	-0.0023693	47.386E-9
1	Grid	38.17705	-11.40058	106.80000	-1.21829	106.78	-944.46E-12	-0.0020649	41.298E-9
1	Grid	40.17223	-11.40058	106.80000	-1.08626	106.78	-751.04E-12	-0.0018103	36.206E-9
1	Grid	42.16741	-11.40058	106.80000	-0.98849	106.78	-603.38E-12	-0.0015958	31.916E-9
1	Grid	44.16259	-11.40058	106.80000	-0.91819	106.78	-489.31E-12	-0.0014138	28.276E-9
1	Grid	46.15777	-11.40058	106.80000	-0.87093	106.78	-400.20E-12	-0.0012583	25.167E-9
1	Grid	48.15295	-11.40058	106.80000	-0.84384	106.78	-329.91E-12	-0.0011248	22.496E-9
1	Grid	50.14813	-11.40058	106.80000	-0.83512	106.78	-273.94E-12	-0.0010094	20.189E-9
1	Grid	52.14331	-11.40058	106.80000	-0.84382	106.78	-229.00E-12	-909.29E-6	18.186E-9
1	Grid	54.13849	-11.40058	106.80000	-0.86964	106.78	-192.63E-12	-821.91E-6	16.438E-9
1	Grid	56.13367	-11.40058	106.80000	-0.91294	106.78	-162.99E-12	-745.33E-6	14.907E-9
1	Grid	58.12885	-11.40058	106.80000	-0.97467	106.78	-138.66E-12	-677.39E-6	13.560E-9
1	Grid	60.12403	-11.40058	106.80000	-1.05645	106.78	-118.56E-12	-618.48E-6	12.370E-9
1	Grid	62.11921	-11.40058	106.80000	-1.16067	106.78	-101.86E-12	-565.71E-6	11.314E-9
1	Grid	64.11439	-11.40058	106.80000	-1.29062	106.78	-87.906E-12	-518.77E-6	10.375E-9
1	Grid	66.10957	-11.40058	106.80000	-1.45071	106.78	-76.188E-12	-476.87E-6	9.5374E-9
1	Grid	68.10475	-11.40058	106.80000	-1.64663	106.78	-66.294E-12	-439.35E-6	8.7871E-9
1	Grid	70.09993	-11.40058	106.80000	-1.88531	106.78	-57.904E-12	-405.66E-6	8.1132E-9
1	Grid	72.09511	-11.40058	106.80000	-2.17385	106.78	-50.757E-12	-375.32E-6	7.5064E-9
1	Grid	74.09029	-11.40058	106.80000	-2.51500	106.78	-44.646E-12	-347.93E-6	6.9585E-9
1	Grid	76.08547	-11.40058	106.80000	-2.89461	106.78	-39.396E-12	-323.13E-6	6.4626E-9
1	Grid	78.08065	-11.40058	106.80000	-3.26726	106.78	-34.867E-12	-300.63E-6	6.0126E-9
1	Grid	80.07583	-11.40058	106.80000	-3.57375	106.78	-30.955E-12	-280.17E-6	5.6033E-9
1	Grid	82.07101	-11.40058	106.80000	-3.77991	106.78	-27.554E-12	-261.52E-6	5.2303E-9
1	Grid	84.06619	-11.40058	106.80000	-3.87641	106.78	-24.593E-12	-244.48E-6	4.8897E-9
1	Grid	86.06137	-11.40058	106.80000	-3.86928	106.78	-22.005E-12	-228.90E-6	4.5779E-9
1	Grid	88.05655	-11.40058	106.80000	-3.73738	106.78	-19.741E-12	-214.61E-6	4.2921E-9
1	Grid	90.05173	-11.40058	106.80000	-3.50235	106.78	-17.747E-12	-201.48E-6	4.0295E-9
1	Grid	92.04691	-11.40058	106.80000	-3.16922	106.78	-15.989E-12	-189.40E-6	3.7879E-9
1	Grid	94.04209	-11.40058	106.80000	-2.77787	106.78	-14.442E-12	-178.26E-6	3.5652E-9
1	Grid	96.03727	-11.40058	106.80000	-2.38658	106.78	-13.064E-12	-167.98E-6	3.3596E-9
1	Grid	98.03245	-11.40058	106.80000	-2.04174	106.78	-11.843E-12	-158.48E-6	3.1695E-9
1	Grid	100.02763	-11.40058	106.80000	-1.74651	106.78	-10.761E-12	-149.68E-6	2.9935E-9
1	Grid	102.02281	-11.40058	106.80000	-1.49848	106.78	-9.7902E-12	-141.51E-6	2.8302E-9
1	Grid	104.01799	-11.40058	106.80000	-1.29003	106.78	-8.9269E-12	-133.93E-6	2.6786E-9
1	Grid	106.01317	-11.40058	106.80000	-1.14068	106.78	-8.1508E-12	-126.98E-6	2.5377E-9
1	Grid	108.00835	-11.40058	106.80000	-0.96451	106.78	-7.4547E-12	-120.32E-6	2.4064E-9
1	Grid	110.00353	-11.40058	106.80000	-0.83683	106.78	-6.8265E-12	-114.20E-6	2.2840E-9
1	Grid	111.99871	-11.40058	106.80000	-0.72721	106.78	-6.2637E-12	-108.49E-6	2.1698E-9
1	Grid	113.99389	-11.40058	106.80000	-0.63269	106.78	-5.7554E-12	-103.15E-6	2.0630E-9
1	Grid	115.98906	-11.40058	106.80000	-0.55065	106.78	-5.2951E-12	-98.159E-6	1.9612E-9
1	Grid	117.98424	-11.40058	106.80000	-0.47978	106.78	-4.8788E-12	-93.483E-6	1.8697E-9
1	Grid	119.97942	-11.40058	106.80000	-0.41787	106.78	-4.5024E-12	-89.099E-6	1.7820E-9
1	Grid	121.97460	-11.40058	106.80000	-0.36382	106.78	-4.1600E-12	-84.985E-6	1.6997E-9
1	Grid	123.96978	-11.40058	106.80000	-0.31652	106.78	-3.8463E-12	-81.120E-6	1.6224E-9
1	Grid	125.96496	-11.40058	106.80000	-0.27507	106.78	-3.5605E-12	-77.468E-6	1.5497E-9
1	Grid	127.96014	-11.40058	106.80000	-0.23869	106.78	-3.3020E-12	-74.065E-6	1.4813E-9
1	Grid	129.95532	-11.40058	106.80000	-0.20671	106.78	-3.0642E-12	-70.843E-6	1.4169E-9
1	Grid	131.95050	-11.40058	106.80000	-0.17857	106.78	-2.8491E-12	-67.805E-6	1.3561E-9
1	Grid	133.94568	-11.40058	106.80000	-0.15380	106.78	-2.6485E-12	-64.938E-6	1.2988E-9
1	Grid	135.94086	-11.40058	106.80000	-0.13194	106.78	-2.4647E-12	-62.210E-6	1.2446E-9
1	Grid	137.93604	-11.40058	106.80000	-0.11271	106.78	-2.2995E-12	-59.671E-6	1.1934E-9
1	Grid	139.93122	-11.40058	106.80000	-0.09572	106.78	-2.1456E-12	-57.250E-6	1.1450E-9
1	Grid	141.92640	-11.40058	106.80000	-0.08073	106.78	-2.0037E-12	-54.958E-6	1.0992E-9
1	Grid	143.92158	-11.40058	106.80000	-0.06749	106.78	-1.8718E-12	-52.787E-6	1.0557E-9
1	Grid	145.91676	-11.40058	106.80000	-0.05581	106.78	-1.7526E-12	-50.729E-6	1.0146E-9
1	Grid	147.91194	-11.40058	106.80000	-0.04549	106.78	-1.6420E-12	-48.776E-6	975.52E-12
1	Grid	149.90712	-11.40058	106.80000	-0.03639	106.78	-1.5368E-12	-46.922E-6	938.44E-12
1	Grid	151.90230	-11.40058	106.80000	-0.02835	106.78	-1.4415E-12	-45.161E-6	903.22E-12
1	Grid	153.89748	-11.40058	106.80000	-0.02127	106.78	-1.3503E-12	-43.487E-6	869.74E-12
1	Grid	155.89266	-11.40058	106.80000	-0.01502	106.78	-1.2710E-12	-41.895E-6	837.15E-12
1	Grid	157.88784	-11.40058	106.80000	-0.00951	106.78	-1.1957E-12	-40.379E-6	807.58E-12
1	Grid	159.88302	-11.40058	106.80000	-0.00467	106.78	-1.1231E-12	-38.935E-6	778.71E-12
1	Grid	161.87820	-11.40058	106.80000	-0.00041	106.78	-1.0592E-12	-37.560E-6	751.20E-12
1	Grid	163.87338	-11.40058	106.80000	0.00333	106.78	0.0	-36.249E-6	724.97E-12
1	Grid	165.86856	-11.40058	106.80000	0.00659	106.78	0.0	-34.978E-6	699.95E-12
1	Grid	167.86374	-11.40058	106.80000	0.00947	106.78	0.0	-33.803E-6	676.06E-12
1	Grid	169.85892	-11.40058	106.80000	0.01196	106.78	0.0	-32.663E-6	653.25E-12
1	Grid	171.85410	-11.40058	106.80000	0.01414	106.78	0.0	-31.573E-6	631.46E-12
1	Grid	173.84928	-11.40058	106.80000	0.01602	106.78	0.0	-30.531E-6	610.62E-12
1	Grid	175.84446	-11.40058	106.80000	0.01765	106.78	0.0	-29.544E-6	590.69E-12
1	Grid	177.83964	-11.40058	106.80000	0.01905	106.78	0.0	-28.581E-6	571.61E-12
1	Grid	179.83482	-11.40058	106.80000	0.02024	106.78	0.0	-27.668E-6	553.35E-12
1	Grid	181.83000	-11.40058	106.80000	0.02126	106.78	0.0	-26.793E-6	535.86E-12
1	Grid	-95.50000	-9.52583	106.80000	-0.00139	106.78	-23.738E-12	-239.21E-6	4.7843E-9
1	Grid	-93.50518	-9.52583	106.80000	-0.00581	106.78	-26.585E-12	-255.79E-6	4.1598E-9
1	Grid	-91.50964	-9.52583	106.80000	-0.00983	106.78	-29.847E-12	-273.93E-6	3.4786E-9
1	Grid	-89.51446	-9.52583	106.80000	-0.01501	106.78	-33.603E-12	-293.83E-6	2.8766E-9
1	Grid	-87.51928	-9.52583	106.80000	-0.02096	106.78	-37.946E-12	-315.70E-6	2.3140E-9
1	Grid	-85.52410	-9.52583	106.80000	-0.02779	106.78	-42.976E-12	-339.79E-6	1.7958E-9
1	Grid	-83.52892	-9.52583	106.80000	-0.03561	106.78	-48.832E-12	-366.33E-6	1.3278E-9
1	Grid	-81.53374	-9.52583	106.80000	-0.04457	106.78	-55.675E-12	-395.84E-6	7.9168E-9
1	Grid	-79.53856	-9.52583	106.8					

Highgate Junior School Sports Hall Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	-15.69763	-9.52583	106.80000	-16.97082	106.78	-2.4604E-6	-0.12480	2.4956E-6
1	Grid	-11.70245	-9.52583	106.80000	-18.47750	106.78	-36.983E-6	-0.32898	6.5751E-6
1	Grid	-9.70727	-9.52583	106.80000	-23.40859	106.78	-24.000	-56.909	-0.0017418
1	Grid	-7.71209	-9.52583	106.80000	-25.20066	106.78	-24.000	-57.375	-0.0017325
1	Grid	-5.71691	-9.52583	106.80000	-25.79718	106.78	-24.000	-57.433	-0.0017313
1	Grid	-3.72173	-9.52583	106.80000	-25.97956	106.78	-24.000	-57.448	-0.0017310
1	Grid	-1.72655	-9.52583	106.80000	-25.88195	106.78	-24.000	-57.443	-0.0017311
1	Grid	0.26863	-9.52583	106.80000	-25.47595	106.78	-24.000	-57.416	-0.0017317
1	Grid	2.26381	-9.52583	106.80000	-24.48574	106.78	-24.000	-57.305	-0.0017339
1	Grid	4.25899	-9.52583	106.80000	-20.47850	106.78	-0.091806	4.7873	84.730E-6
1	Grid	6.25947	-9.52583	106.80000	-17.24004	106.78	-1.7751E-6	-0.18694	3.7377E-6
1	Grid	8.24935	-9.52583	106.80000	-15.90624	106.78	-1.2413E-6	-0.085465	1.7091E-6
1	Grid	10.24453	-9.52583	106.80000	-14.76414	106.78	-405.88E-9	-0.051388	1.0277E-6
1	Grid	12.23971	-9.52583	106.80000	-13.28657	106.78	-176.93E-9	-0.034263	685.25E-9
1	Grid	14.23489	-9.52583	106.80000	-9.58835	106.78	-88.468E-9	-0.024214	484.27E-9
1	Grid	16.23007	-9.52583	106.80000	-4.09327	106.78	-48.543E-9	-0.017833	356.65E-9
1	Grid	18.22525	-9.52583	106.80000	-7.22163	106.78	-28.612E-9	-0.013557	271.13E-9
1	Grid	20.22043	-9.52583	106.80000	-6.48341	106.78	-17.850E-9	-0.010570	211.41E-9
1	Grid	22.21561	-9.52583	106.80000	-5.80108	106.78	-11.657E-9	-0.0084136	168.27E-9
1	Grid	24.21079	-9.52583	106.80000	-5.06676	106.78	-7.9023E-9	-0.0068128	136.26E-9
1	Grid	26.20597	-9.52583	106.80000	-4.29347	106.78	-5.5253E-9	-0.0055973	111.95E-9
1	Grid	28.20115	-9.52583	106.80000	-3.03239	106.78	-3.9652E-9	-0.0046565	93.129E-9
1	Grid	30.19633	-9.52583	106.80000	-2.37812	106.78	-2.9095E-9	-0.0039162	78.323E-9
1	Grid	32.19151	-9.52583	106.80000	-1.94370	106.78	-2.1763E-9	-0.0033253	66.506E-9
1	Grid	34.18669	-9.52583	106.80000	-1.63457	106.78	-1.6555E-9	-0.0028478	56.955E-9
1	Grid	36.18187	-9.52583	106.80000	-1.40023	106.78	-1.2781E-9	-0.002376	49.151E-9
1	Grid	38.17705	-9.52583	106.80000	-1.23575	106.78	-999.90E-12	-0.0021355	42.710E-9
1	Grid	40.17223	-9.52583	106.80000	-1.10739	106.78	-791.60E-12	-0.0018674	37.347E-9
1	Grid	42.16741	-9.52583	106.80000	-1.01237	106.78	-633.45E-12	-0.0016423	32.845E-9
1	Grid	44.16259	-9.52583	106.80000	-0.94467	106.78	-511.86E-12	-0.0014519	29.038E-9
1	Grid	46.15777	-9.52583	106.80000	-0.90031	106.78	-417.31E-12	-0.0012899	25.797E-9
1	Grid	48.15295	-9.52583	106.80000	-0.87672	106.78	-343.02E-12	-0.0011510	23.021E-9
1	Grid	50.14813	-9.52583	106.80000	-0.87236	106.78	-284.09E-12	-0.0010314	20.628E-9
1	Grid	52.14331	-9.52583	106.80000	-0.88651	106.78	-236.93E-12	-927.79E-6	18.556E-9
1	Grid	54.13849	-9.52583	106.80000	-0.91922	106.78	-198.87E-12	-837.59E-6	16.752E-9
1	Grid	56.13367	-9.52583	106.80000	-0.97127	106.78	-167.94E-12	-758.69E-6	15.142E-9
1	Grid	58.12885	-9.52583	106.80000	-1.04401	106.78	-142.61E-12	-689.40E-6	13.788E-9
1	Grid	60.12403	-9.52583	106.80000	-1.13999	106.78	-121.74E-12	-628.29E-6	12.566E-9
1	Grid	62.11921	-9.52583	106.80000	-1.26269	106.78	-104.44E-12	-574.18E-6	11.484E-9
1	Grid	64.11439	-9.52583	106.80000	-1.41711	106.78	-90.011E-12	-526.11E-6	10.522E-9
1	Grid	66.10957	-9.52583	106.80000	-1.61040	106.78	-77.910E-12	-483.26E-6	9.6631E-9
1	Grid	68.10475	-9.52583	106.80000	-1.85273	106.78	-67.713E-12	-444.93E-6	8.8986E-9
1	Grid	70.09993	-9.52583	106.80000	-2.15890	106.78	-59.081E-12	-410.55E-6	8.2109E-9
1	Grid	72.09511	-9.52583	106.80000	-2.55028	106.78	-51.738E-12	-379.62E-6	7.5923E-9
1	Grid	74.09029	-9.52583	106.80000	-3.05491	106.78	-45.463E-12	-351.72E-6	7.0343E-9
1	Grid	76.08547	-9.52583	106.80000	-3.69246	106.78	-40.084E-12	-326.48E-6	6.5296E-9
1	Grid	78.08065	-9.52583	106.80000	-4.34114	106.78	-35.450E-12	-303.60E-6	6.0721E-9
1	Grid	80.07583	-9.52583	106.80000	-4.84905	106.78	-31.444E-12	-282.81E-6	5.6563E-9
1	Grid	82.07101	-9.52583	106.80000	-5.16622	106.78	-27.971E-12	-263.88E-6	5.2776E-9
1	Grid	84.06619	-9.52583	106.80000	-5.30992	106.78	-24.951E-12	-246.60E-6	4.9319E-9
1	Grid	86.06137	-9.52583	106.80000	-5.29970	106.78	-22.313E-12	-230.79E-6	4.6158E-9
1	Grid	88.05655	-9.52583	106.80000	-5.11272	106.78	-20.002E-12	-216.31E-6	4.3261E-9
1	Grid	90.05173	-9.52583	106.80000	-4.75410	106.78	-17.972E-12	-203.01E-6	4.0602E-9
1	Grid	92.04691	-9.52583	106.80000	-4.20087	106.78	-16.187E-12	-190.78E-6	3.8156E-9
1	Grid	94.04209	-9.52583	106.80000	-3.51957	106.78	-14.610E-12	-179.51E-6	3.5903E-9
1	Grid	96.03727	-9.52583	106.80000	-2.69163	106.78	-12.212E-12	-169.12E-6	3.3823E-9
1	Grid	98.03245	-9.52583	106.80000	-2.39569	106.78	-11.974E-12	-159.51E-6	3.1901E-9
1	Grid	100.02763	-9.52583	106.80000	-2.00496	106.78	-10.873E-12	-150.61E-6	3.0122E-9
1	Grid	102.02281	-9.52583	106.80000	-1.69363	106.78	-9.8908E-12	-142.36E-6	2.8473E-9
1	Grid	104.01799	-9.52583	106.80000	-1.44121	106.78	-9.0115E-12	-134.71E-6	2.6942E-9
1	Grid	106.01317	-9.52583	106.80000	-1.23347	106.78	-8.2274E-12	-127.59E-6	2.5519E-9
1	Grid	108.00835	-9.52583	106.80000	-1.06038	106.78	-7.5220E-12	-120.97E-6	2.4194E-9
1	Grid	110.00353	-9.52583	106.80000	-0.91471	106.78	-6.8878E-12	-114.80E-6	2.2959E-9
1	Grid	111.99871	-9.52583	106.80000	-0.79111	106.78	-6.3169E-12	-109.04E-6	2.1807E-9
1	Grid	113.99389	-9.52583	106.80000	-0.68554	106.78	-5.8034E-12	-103.66E-6	2.0731E-9
1	Grid	115.98906	-9.52583	106.80000	-0.59423	106.78	-5.3371E-12	-98.624E-6	1.9725E-9
1	Grid	117.98424	-9.52583	106.80000	-0.51667	106.78	-4.9147E-12	-93.911E-6	1.8782E-9
1	Grid	119.97942	-9.52583	106.80000	-0.44893	106.78	-4.5350E-12	-89.495E-6	1.7899E-9
1	Grid	121.97460	-9.52583	106.80000	-0.39008	106.78	-4.1886E-12	-85.351E-6	1.7070E-9
1	Grid	123.96978	-9.52583	106.80000	-0.33882	106.78	-3.8716E-12	-81.458E-6	1.6292E-9
1	Grid	125.96496	-9.52583	106.80000	-0.29490	106.78	-3.5845E-12	-77.799E-6	1.5560E-9
1	Grid	127.96014	-9.52583	106.80000	-0.25490	106.78	-3.3233E-12	-74.356E-6	1.4871E-9
1	Grid	129.95532	-9.52583	106.80000	-0.22060	106.78	-3.0849E-12	-71.113E-6	1.4223E-9
1	Grid	131.95050	-9.52583	106.80000	-0.19049	106.78	-2.8644E-12	-68.056E-6	1.3611E-9
1	Grid	133.94568	-9.52583	106.80000	-0.16405	106.78	-2.6645E-12	-65.172E-6	1.3034E-9
1	Grid	135.94086	-9.52583	106.80000	-0.14020	106.78	-2.4800E-12	-62.440E-6	1.2490E-9
1	Grid	137.93604	-9.52583	106.80000	-0.12033	106.78	-2.3115E-12	-59.874E-6	1.1975E-9
1	Grid	139.93122	-9.52583	106.80000	-0.10231	106.78	-2.1576E-12	-57.440E-6	1.1488E-9
1	Grid	141.92640	-9.52583	106.80000	-0.08643	106.78	-2.0144E-12	-55.135E-6	1.1027E-9
1	Grid	143.92158	-9.52583	106.80000	-0.07243	106.78	-1.8812E-12	-52.953E-6	1.0591E-9
1	Grid	145.91676	-9.52583	106.80000	-0.06049	106.78	-1.7593E-12	-50.884E-6	1.0177E-9
1	Grid	147.91194	-9.52583	106.80000	-0.04921	106.78	-1.6460E-12	-48.921E-6	978.43E-12
1	Grid	149.90712	-9.52583	106.80000	-0.03961	106.78	-1.5428E-12	-47.058E-6	941.17E-12
1	Grid	151.90230	-9.52583	106.80000	-0.03115	106.78	-1.4488E-12	-45.289E-6	905.78E-12
1	Grid	153.89748	-9.52583	106.80000	-0.02369	106.78	-1.3589E-12	-43.607E-6	872.14E-12
1	Grid	155.89266	-9.52583	106.80000	-0.01719	106.78	-1.2783E-12	-42.007E-6	840.70E-12
1	Grid	157.88784	-9.52583	106.80000	-0.01134	106.78	-1.1997E-12	-40.485E-6	809.70E-12
1	Grid	159.88302	-9.52583	106.80000	-0.00625	106.78	-1.1298E-12	-39.035E-6	780.71E-12
1	Grid	161.87820	-9.52583	106.80000	-0.00178	106.78	-1.0645E-12	-37.654E-6	753.08E-12
1	Grid	163.87338	-9.52583	106.80000	0.00214	106.78	-1.0012E-12	-36.337E-6	726.74E-12
1	Grid	165.86856	-9.52583	106.80000	0.00586	106.78	0.0	-35.081E-6	701.83E-12
1	Grid	167.86374	-9.52583	106.80000	0.00859	106.78	0.0	-33.882E-6	677.64E-12
1	Grid	169.85892	-9.52583	106.80000	0.01121	106.78	0.0	-32.737E-6	654.74E-12
1	Grid	171.85410	-9.52583	106.80000	0.01350	106.78	0.0	-31.643E-6	632.87E-12
1	Grid	173.84928	-9.52583	106.80000	0.01548	106.78	0.0	-30.598E-6	611.95E-12
1	Grid	175.84446	-9.52583	106.80000	0.01719	106.78	0.0	-29.594E-6	591.95E-12
1	Grid	177.83964	-9.52583	106.80000	0.01866	106.78	0.0	-28.640E-6	572.81E-12
1	Grid	179.83482	-9.52583	106.80000	0.01992	106.78	0.0	-27.724E-6	554.49E-12
1	Grid	181.83000	-9.52583	106.80000	0.02				



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mCD]	[mm]		[kN/m²]	[kN/m²]	[µ]
1	Grid	-35.64942	-7.65108	106.80000	-2.39474	106.78	-11.305E-9	-0.0080307	160.61E-9
1	Grid	-31.65424	-7.65108	106.80000	-2.90709	106.78	-17.506E-9	-0.010062	201.24E-9
1	Grid	-29.65906	-7.65108	106.80000	-3.57335	106.78	-28.594E-9	-0.012865	257.30E-9
1	Grid	-27.66388	-7.65108	106.80000	-4.46671	106.78	-50.077E-9	-0.016863	337.25E-9
1	Grid	-25.66871	-7.65108	106.80000	-5.71534	106.78	-86.059E-9	-0.022792	455.83E-9
1	Grid	-23.67353	-7.65108	106.80000	-7.60012	106.78	-205.49E-9	-0.031938	638.73E-9
1	Grid	-21.67835	-7.65108	106.80000	-11.97725	106.78	-472.79E-9	-0.046127	922.48E-9
1	Grid	-19.68317	-7.65108	106.80000	-14.18502	106.78	-955.65E-9	-0.065646	1.3128E-6
1	Grid	-17.68799	-7.65108	106.80000	-15.50536	106.78	-1.4139E-6	-0.086952	1.7389E-6
1	Grid	-15.69281	-7.65108	106.80000	-16.53628	106.78	-1.8486E-6	-0.11104	2.2207E-6
1	Grid	-13.69763	-7.65108	106.80000	-17.52635	106.78	-3.4100E-6	-0.15523	3.1041E-6
1	Grid	-11.70245	-7.65108	106.80000	-18.99151	106.78	-37.621E-6	-0.35095	7.0145E-6
1	Grid	-9.70727	-7.65108	106.80000	-23.82566	106.78	-24.000	-56.915	-0.0017417
1	Grid	-7.71209	-7.65108	106.80000	-25.53217	106.78	-24.000	-57.367	-0.0017326
1	Grid	-5.71691	-7.65108	106.80000	-26.08660	106.78	-24.000	-57.420	-0.0017316
1	Grid	-3.72173	-7.65108	106.80000	-26.24929	106.78	-24.000	-57.433	-0.0017313
1	Grid	-1.72655	-7.65108	106.80000	-26.14606	106.78	-24.000	-57.429	-0.0017314
1	Grid	0.26863	-7.65108	106.80000	-25.74568	106.78	-24.000	-57.404	-0.0017319
1	Grid	2.26381	-7.65108	106.80000	-24.78360	106.78	-24.000	-57.298	-0.0017340
1	Grid	4.25899	-7.65108	106.80000	-20.82245	106.78	-0.084953	-4.6700	83.206E-6
1	Grid	6.256137	-7.65108	106.80000	-18.10946	106.78	-9.2249E-6	-2.20354	4.0697E-6
1	Grid	8.24935	-7.65108	106.80000	-16.19376	106.78	-1.7051E-6	-0.10071	2.0140E-6
1	Grid	10.24453	-7.65108	106.80000	-14.88407	106.78	-606.24E-9	-0.060863	1.2172E-6
1	Grid	12.23971	-7.65108	106.80000	-13.09479	106.78	-246.52E-9	-0.039573	791.43E-9
1	Grid	14.23489	-7.65108	106.80000	-8.82225	106.78	-114.22E-9	-0.027286	545.71E-9
1	Grid	16.23007	-7.65108	106.80000	-7.07056	106.78	-59.357E-9	-0.019719	394.35E-9
1	Grid	18.22525	-7.65108	106.80000	-6.03833	106.78	-33.712E-9	-0.014776	295.52E-9
1	Grid	20.22043	-7.65108	106.80000	-5.25827	106.78	-20.489E-9	-0.011393	227.85E-9
1	Grid	22.21561	-7.65108	106.80000	-4.59164	106.78	-13.124E-9	-0.0089869	179.74E-9
1	Grid	24.21079	-7.65108	106.80000	-3.96199	106.78	-8.7645E-9	-0.0072233	144.46E-9
1	Grid	26.20597	-7.65108	106.80000	-3.33029	106.78	-6.0552E-9	-0.0058978	117.45E-9
1	Grid	28.20115	-7.65108	106.80000	-2.73839	106.78	-4.3029E-9	-0.0048806	97.611E-9
1	Grid	30.19633	-7.65108	106.80000	-2.25983	106.78	-3.1313E-9	-0.0040860	81.720E-9
1	Grid	32.19151	-7.65108	106.80000	-1.89509	106.78	-2.3258E-9	-0.0034559	69.118E-9
1	Grid	34.18669	-7.65108	106.80000	-1.61799	106.78	-1.7584E-9	-0.0029495	58.990E-9
1	Grid	36.18187	-7.65108	106.80000	-1.40069	106.78	-1.3504E-9	-0.0026137	50.754E-9
1	Grid	38.17705	-7.65108	106.80000	-1.24460	106.78	-1.0516E-9	-0.0021993	43.986E-9
1	Grid	40.17223	-7.65108	106.80000	-1.12200	106.78	-829.13E-12	-0.0019186	38.373E-9
1	Grid	42.16741	-7.65108	106.80000	-1.03123	106.78	-661.08E-12	-0.0016839	33.677E-9
1	Grid	44.16259	-7.65108	106.80000	-0.96724	106.78	-532.47E-12	-0.0014859	29.718E-9
1	Grid	46.15777	-7.65108	106.80000	-0.92862	106.78	-432.86E-12	-0.0013179	26.357E-9
1	Grid	48.15295	-7.65108	106.80000	-0.90718	106.78	-354.89E-12	-0.0011743	23.485E-9
1	Grid	50.14813	-7.65108	106.80000	-0.90770	106.78	-293.23E-12	-0.0010508	21.016E-9
1	Grid	52.14331	-7.65108	106.80000	-0.92778	106.78	-244.03E-12	-944.08E-6	18.882E-9
1	Grid	54.13849	-7.65108	106.80000	-0.96778	106.78	-204.45E-12	-851.35E-6	17.027E-9
1	Grid	56.13367	-7.65108	106.80000	-1.02902	106.78	-172.35E-12	-770.39E-6	15.408E-9
1	Grid	58.12885	-7.65108	106.80000	-1.11325	106.78	-146.12E-12	-699.38E-6	13.988E-9
1	Grid	60.12403	-7.65108	106.80000	-1.22407	106.78	-124.56E-12	-636.85E-6	12.737E-9
1	Grid	62.11921	-7.65108	106.80000	-1.36616	106.78	-106.72E-12	-581.56E-6	11.631E-9
1	Grid	64.11439	-7.65108	106.80000	-1.54650	106.78	-91.860E-12	-532.50E-6	10.650E-9
1	Grid	66.10957	-7.65108	106.80000	-1.77546	106.78	-78.426E-12	-488.80E-6	9.7761E-9
1	Grid	68.10475	-7.65108	106.80000	-2.06891	106.78	-68.964E-12	-449.77E-6	8.9954E-9
1	Grid	70.09993	-7.65108	106.80000	-2.45261	106.78	-60.111E-12	-414.78E-6	8.2957E-9
1	Grid	72.09511	-7.65108	106.80000	-2.97217	106.78	-52.596E-12	-383.34E-6	7.6667E-9
1	Grid	74.09029	-7.65108	106.80000	-3.72145	106.78	-46.180E-12	-354.99E-6	7.0999E-9
1	Grid	76.08547	-7.65108	106.80000	-4.74938	106.78	-40.683E-12	-349.92E-6	6.5976E-9
1	Grid	78.08065	-7.65108	106.80000	-6.54682	106.78	-35.956E-12	-306.17E-6	6.1235E-9
1	Grid	80.07583	-7.65108	106.80000	-7.44165	106.78	-31.873E-12	-285.10E-6	5.7020E-9
1	Grid	82.07101	-7.65108	106.80000	-7.91968	106.78	-28.337E-12	-265.92E-6	5.3183E-9
1	Grid	84.06619	-7.65108	106.80000	-8.12722	106.78	-25.260E-12	-248.42E-6	4.9683E-9
1	Grid	86.06137	-7.65108	106.80000	-8.10946	106.78	-22.576E-12	-232.42E-6	4.6484E-9
1	Grid	88.05655	-7.65108	106.80000	-7.86174	106.78	-20.227E-12	-217.77E-6	4.3554E-9
1	Grid	90.05173	-7.65108	106.80000	-7.32512	106.78	-18.169E-12	-204.33E-6	4.0865E-9
1	Grid	92.04691	-7.65108	106.80000	-6.31269	106.78	-16.354E-12	-191.97E-6	3.8394E-9
1	Grid	94.04209	-7.65108	106.80000	-4.63060	106.78	-14.756E-12	-180.59E-6	3.6118E-9
1	Grid	96.03727	-7.65108	106.80000	-3.50205	106.78	-13.341E-12	-170.09E-6	3.4018E-9
1	Grid	98.03245	-7.65108	106.80000	-2.78867	106.78	-12.086E-12	-160.39E-6	3.2078E-9
1	Grid	100.02763	-7.65108	106.80000	-2.28133	106.78	-10.968E-12	-151.41E-6	3.0283E-9
1	Grid	102.02281	-7.65108	106.80000	-1.89807	106.78	-9.9754E-12	-143.10E-6	2.8619E-9
1	Grid	104.01799	-7.65108	106.80000	-1.59759	106.78	-9.0867E-12	-135.38E-6	2.7075E-9
1	Grid	106.01317	-7.65108	106.80000	-1.35959	106.78	-8.2927E-12	-128.20E-6	2.5641E-9
1	Grid	108.00835	-7.65108	106.80000	-1.15806	106.78	-7.5786E-12	-121.53E-6	2.4306E-9
1	Grid	110.00353	-7.65108	106.80000	-0.99367	106.78	-6.9404E-12	-115.31E-6	2.3062E-9
1	Grid	111.99871	-7.65108	106.80000	-0.85565	106.78	-6.3642E-12	-109.51E-6	2.1901E-9
1	Grid	113.99389	-7.65108	106.80000	-0.73877	106.78	-5.8427E-12	-104.09E-6	2.0818E-9
1	Grid	115.98906	-7.65108	106.80000	-0.63910	106.78	-5.3737E-12	-99.021E-6	1.9804E-9
1	Grid	117.98424	-7.65108	106.80000	-0.55363	106.78	-4.9474E-12	-94.278E-6	1.8856E-9
1	Grid	119.97942	-7.65108	106.80000	-0.48000	106.78	-4.5630E-12	-89.833E-6	1.7967E-9
1	Grid	121.97460	-7.65108	106.80000	-0.41631	106.78	-4.2113E-12	-85.663E-6	1.7133E-9
1	Grid	123.96978	-7.65108	106.80000	-0.36105	106.78	-3.8969E-12	-81.748E-6	1.6350E-9
1	Grid	125.96496	-7.65108	106.80000	-0.31927	106.78	-3.6038E-12	-78.068E-6	1.5614E-9
1	Grid	127.96014	-7.65108	106.80000	-0.27105	106.78	-3.3427E-12	-74.605E-6	1.4921E-9
1	Grid	129.95532	-7.65108	106.80000	-0.23441	106.78	-3.1029E-12	-71.344E-6	1.4269E-9
1	Grid	131.95050	-7.65108	106.80000	-0.20235	106.78	-2.8817E-12	-68.271E-6	1.3654E-9
1	Grid	133.94568	-7.65108	106.80000	-0.17424	106.78	-2.6765E-12	-65.372E-6	1.3074E-9
1	Grid	135.94086	-7.65108	106.80000	-0.14959	106.78	-2.4920E-12	-62.544E-6	1.2527E-9
1	Grid	137.93604	-7.65108	106.80000	-0.12791	106.78	-2.3235E-12	-60.048E-6	1.2010E-9
1	Grid	139.93122	-7.65108	106.80000	-0.10886	106.78	-2.1656E-12	-57.602E-6	1.1520E-9
1	Grid	141.92640	-7.65108	106.80000	-0.09210	106.78	-2.0224E-12	-55.287E-6	1.1057E-9
1	Grid	143.92158	-7.65108	106.80000	-0.07734	106.78	-1.8932E-12	-53.094E-6	1.0619E-9
1	Grid	145.91676	-7.65108	106.80000	-0.06485	106.78	-1.7673E-12	-51.016E-6	1.0203E-9
1	Grid	147.91194	-7.65108	106.80000	-0.05290	106.78	-1.6553E-12	-49.045E-6	980.91E-12
1	Grid	149.90712	-7.65108	106.80000	-0.04282	106.78	-1.5514E-12	-47.175E-6	943.50E-12
1	Grid	151.90230	-7.65108	106.80000	-0.03394	106.78	-1.4522E-12	-45.398E-6	907.96E-12
1	Grid	153.89748	-7.65108	106.80000	-0.02611	106.78	-1.3656E-12	-43.710E-6	874.19E-12
1	Grid	155.89266	-7.65108	106.80000	-0.01925	106.78	-1.2843E-12	-42.104E-6	842.07E-12
1	Grid	157.88784	-7.65108	106.80000	-0.01316	106.78	-1.2044E-12	-40.576E-6	811.51E-12
1	Grid	159.88302	-7.65108	106.80000	-0.00783	106.78	-1.1338E-12	-39.121E-6	782.41E-12
1	Grid	161.87820	-7.65108	106.80000	-0.00315	106.78	-1.0678E-12	-37.734E-6	754.69E-12
1	Grid	163.87338	-7.65108	106.8000					

Oasys										Job No.	Sheet No.	Rev.
Highgate Junior School Sports Hall										3244		
Unloading and Loading Long Term											Drg. Ref.	
										Made by	Date	Checked
										AC		
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain			
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]			
1	Grid	-53.60122	-5.77633	106.80000	-0.47233	106.78	-633.30E-12	-0.0016289	32.578E-9			
1	Grid	-51.60604	-5.77633	106.80000	-0.55012	106.78	-794.92E-12	-0.0018552	37.103E-9			
1	Grid	-49.61086	-5.77633	106.80000	-0.64133	106.78	-1.0094E-9	-0.0021256	42.511E-9			
1	Grid	-47.61568	-5.77633	106.80000	-0.74870	106.78	-1.2983E-9	-0.0024516	49.032E-9			
1	Grid	-45.62050	-5.77633	106.80000	-0.87572	106.78	-1.6944E-9	-0.0028485	56.969E-9			
1	Grid	-43.62532	-5.77633	106.80000	-1.02677	106.78	-2.2480E-9	-0.0033368	66.735E-9			
1	Grid	-41.63014	-5.77633	106.80000	-1.20754	106.78	-3.0395E-9	-0.0039448	78.896E-9			
1	Grid	-39.63496	-5.77633	106.80000	-1.42548	106.78	-4.2014E-9	-0.0047126	94.251E-9			
1	Grid	-37.63978	-5.77633	106.80000	-1.69053	106.78	-5.9620E-9	-0.0056975	113.95E-9			
1	Grid	-35.64460	-5.77633	106.80000	-2.01617	106.78	-8.7345E-9	-0.0069853	139.70E-9			
1	Grid	-33.64942	-5.77633	106.80000	-2.42127	106.78	-13.317E-9	-0.0087080	174.16E-9			
1	Grid	-31.65424	-5.77633	106.80000	-2.93295	106.78	-21.382E-9	-0.011080	221.59E-9			
1	Grid	-29.65906	-5.77633	106.80000	-3.59188	106.78	-36.820E-9	-0.014468	289.36E-9			
1	Grid	-27.66388	-5.77633	106.80000	-4.46301	106.78	-70.096E-9	-0.019562	391.22E-9			
1	Grid	-25.66871	-5.77633	106.80000	-5.66453	106.78	-155.64E-9	-0.027803	556.03E-9			
1	Grid	-23.67353	-5.77633	106.80000	-7.50916	106.78	-445.76E-9	-0.042731	854.56E-9			
1	Grid	-21.67835	-5.77633	106.80000	-12.10090	106.78	-1.9352E-6	-0.074652	1.4928E-6			
1	Grid	-19.68317	-5.77633	106.80000	-14.70318	106.78	-8.6436E-6	-0.13990	2.7970E-6			
1	Grid	-17.68799	-5.77633	106.80000	-16.29739	106.78	-12.850E-6	-0.19435	3.8855E-6			
1	Grid	-15.69281	-5.77633	106.80000	-17.43914	106.78	-13.753E-6	-0.22678	4.5340E-6			
1	Grid	-13.69763	-5.77633	106.80000	-18.42643	106.78	-15.033E-6	-0.26631	5.3245E-6			
1	Grid	-11.70245	-5.77633	106.80000	-19.70495	106.78	-43.710E-6	-0.42215	8.4378E-6			
1	Grid	-9.70727	-5.77633	106.80000	-23.98270	106.78	-24.000	-56.780	-0.0017444			
1	Grid	-7.71209	-5.77633	106.80000	-25.37903	106.78	-24.000	-57.157	-0.0017368			
1	Grid	-5.71691	-5.77633	106.80000	-25.84263	106.78	-24.000	-57.199	-0.0017360			
1	Grid	-3.72173	-5.77633	106.80000	-25.97601	106.78	-24.000	-57.210	-0.0017358			
1	Grid	-1.72655	-5.77633	106.80000	-25.87005	106.78	-24.000	-57.208	-0.0017358			
1	Grid	0.26863	-5.77633	106.80000	-25.49742	106.78	-24.000	-57.188	-0.0017362			
1	Grid	2.26381	-5.77633	106.80000	-24.65104	106.78	-24.000	-57.106	-0.0017379			
1	Grid	4.25899	-5.77633	106.80000	-21.09249	106.78	-0.078719	-4.5098	80.749E-6			
1	Grid	6.25417	-5.77633	106.80000	-18.18253	106.78	-18.509E-6	-0.27894	5.5766E-6			
1	Grid	8.24935	-5.77633	106.80000	-16.62342	106.78	-17.389E-6	-0.15528	3.1047E-6			
1	Grid	10.24453	-5.77633	106.80000	-15.05163	106.78	-1.4967E-6	-0.080380	1.6074E-6			
1	Grid	12.23971	-5.77633	106.80000	-13.04222	106.78	-402.15E-9	-0.047173	943.42E-9			
1	Grid	14.23489	-5.77633	106.80000	-8.56581	106.78	-154.85E-9	-0.030940	618.78E-9			
1	Grid	16.23007	-5.77633	106.80000	-6.66893	106.78	-73.495E-9	-0.021748	434.95E-9			
1	Grid	18.22525	-5.77633	106.80000	-5.55161	106.78	-39.683E-9	-0.016015	320.29E-9			
1	Grid	20.22043	-5.77633	106.80000	-4.73861	106.78	-23.369E-9	-0.012197	243.94E-9			
1	Grid	22.21561	-5.77633	106.80000	-4.08123	106.78	-14.651E-9	-0.0095332	190.66E-9			
1	Grid	24.21079	-5.77633	106.80000	-3.51018	106.78	-9.6322E-9	-0.0076068	152.14E-9			
1	Grid	26.20597	-5.77633	106.80000	-2.99559	106.78	-6.5749E-9	-0.0061742	123.48E-9			
1	Grid	28.20115	-5.77633	106.80000	-2.53887	106.78	-4.6273E-9	-0.0050842	101.68E-9			
1	Grid	30.19633	-5.77633	106.80000	-2.15329	106.78	-3.3409E-9	-0.0042388	84.775E-9			
1	Grid	32.19151	-5.77633	106.80000	-1.84085	106.78	-2.4650E-9	-0.0035723	71.446E-9			
1	Grid	34.18669	-5.77633	106.80000	-1.59280	106.78	-1.8532E-9	-0.0030394	60.789E-9			
1	Grid	36.18187	-5.77633	106.80000	-1.39798	106.78	-1.4163E-9	-0.0026081	52.162E-9			
1	Grid	38.17705	-5.77633	106.80000	-1.24660	106.78	-1.0983E-9	-0.0022550	45.100E-9			
1	Grid	40.17223	-5.77633	106.80000	-1.13100	106.78	-862.73E-12	-0.0019632	39.264E-9			
1	Grid	42.16741	-5.77633	106.80000	-1.04551	106.78	-685.64E-12	-0.0017198	34.396E-9			
1	Grid	44.16259	-5.77633	106.80000	-0.98606	106.78	-550.66E-12	-0.0015152	30.304E-9			
1	Grid	46.15777	-5.77633	106.80000	-0.94983	106.78	-446.52E-12	-0.0013419	26.838E-9			
1	Grid	48.15295	-5.77633	106.80000	-0.93507	106.78	-365.25E-12	-0.0011941	23.892E-9			
1	Grid	50.14813	-5.77633	106.80000	-0.94088	106.78	-301.18E-12	-0.0010673	21.347E-9			
1	Grid	52.14331	-5.77633	106.80000	-0.96719	106.78	-250.19E-12	-957.94E-6	19.159E-9			
1	Grid	54.13849	-5.77633	106.80000	-1.01476	106.78	-209.26E-12	-863.03E-6	17.261E-9			
1	Grid	56.13367	-5.77633	106.80000	-1.08524	106.78	-176.14E-12	-780.29E-6	15.606E-9			
1	Grid	58.12885	-5.77633	106.80000	-1.18135	106.78	-149.14E-12	-707.82E-6	14.156E-9			
1	Grid	60.12403	-5.77633	106.80000	-1.30724	106.78	-126.98E-12	-644.08E-6	12.882E-9			
1	Grid	62.11921	-5.77633	106.80000	-1.46899	106.78	-108.66E-12	-587.78E-6	11.756E-9			
1	Grid	64.11439	-5.77633	106.80000	-1.67565	106.78	-93.439E-12	-537.87E-6	10.757E-9			
1	Grid	66.10957	-5.77633	106.80000	-1.94096	106.78	-80.712E-12	-493.47E-6	9.8693E-9			
1	Grid	68.10475	-5.77633	106.80000	-2.28687	106.78	-70.018E-12	-453.83E-6	9.0766E-9			
1	Grid	70.09993	-5.77633	106.80000	-2.75115	106.78	-60.984E-12	-418.34E-6	8.3667E-9			
1	Grid	72.09511	-5.77633	106.80000	-3.40765	106.78	-53.319E-12	-386.45E-6	7.7291E-9			
1	Grid	74.09029	-5.77633	106.80000	-4.43929	106.78	-46.785E-12	-357.74E-6	7.1548E-9			
1	Grid	76.08547	-5.77633	106.80000	-6.70137	106.78	-41.187E-12	-331.80E-6	6.6361E-9			
1	Grid	78.08065	-5.77633	106.80000	-11.72408	106.78	-36.382E-12	-308.32E-6	6.1664E-9			
1	Grid	80.07583	-5.77633	106.80000	-13.12706	106.78	-32.232E-12	-287.01E-6	5.7401E-9			
1	Grid	82.07101	-5.77633	106.80000	-13.77751	106.78	-28.640E-12	-267.61E-6	5.3523E-9			
1	Grid	84.06619	-5.77633	106.80000	-14.04596	106.78	-25.520E-12	-249.93E-6	4.9987E-9			
1	Grid	86.06137	-5.77633	106.80000	-14.01995	106.78	-22.798E-12	-233.78E-6	4.6756E-9			
1	Grid	88.05655	-5.77633	106.80000	-13.69154	106.78	-20.418E-12	-218.99E-6	4.3798E-9			
1	Grid	90.05173	-5.77633	106.80000	-12.94559	106.78	-18.331E-12	-205.42E-6	4.1085E-9			
1	Grid	92.04691	-5.77633	106.80000	-11.26777	106.78	-16.497E-12	-192.96E-6	3.8592E-9			
1	Grid	94.04209	-5.77633	106.80000	-6.01754	106.78	-14.875E-12	-181.48E-6	3.6296E-9			
1	Grid	96.03727	-5.77633	106.80000	-4.14896	106.78	-13.447E-12	-170.90E-6	3.4180E-9			
1	Grid	98.03245	-5.77633	106.80000	-3.19297	106.78	-12.180E-12	-161.12E-6	3.2225E-9			
1	Grid	100.02763	-5.77633	106.80000	-2.56203	106.78	-11.050E-12	-152.08E-6	3.0416E-9			
1	Grid	102.02281	-5.77633	106.80000	-2.10428	106.78	-10.046E-12	-143.70E-6	2.8741E-9			
1	Grid	104.01799	-5.77633	106.80000	-1.75462	106.78	-9.1507E-12	-135.93E-6	2.7186E-9			
1	Grid	106.01317	-5.77633	106.80000	-1.47858	106.78	-8.3480E-12	-128.71E-6	2.5742E-9			
1	Grid	108.00835	-5.77633	106.80000	-1.25557	106.78	-7.6286E-12	-121.99E-6	2.4398E-9			
1	Grid	110.00353	-5.77633	106.80000	-1.07234	106.78	-6.9844E-12	-115.73E-6	2.3147E-9			
1	Grid	111.99871										



Highgate Junior School Sports Hall

Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	-73.55302	-3.90158	106.80000	-0.09840	106.78	-104.17E-12	-571.16E-6	11.423E-9
1	Grid	-71.55784	-3.90158	106.80000	-0.11666	106.78	-121.70E-12	-625.56E-6	12.511E-9
1	Grid	-69.56266	-3.90158	106.80000	-0.13763	106.78	-142.90E-12	-687.14E-6	13.743E-9
1	Grid	-67.56748	-3.90158	106.80000	-0.16176	106.78	-168.75E-12	-757.12E-6	15.142E-9
1	Grid	-65.57230	-3.90158	106.80000	-0.18953	106.78	-200.47E-12	-836.99E-6	16.740E-9
1	Grid	-63.57712	-3.90158	106.80000	-0.22154	106.78	-239.69E-12	-928.60E-6	18.572E-9
1	Grid	-61.58194	-3.90158	106.80000	-0.25851	106.78	-288.60E-12	-0.0010342	20.683E-9
1	Grid	-59.58676	-3.90158	106.80000	-0.30127	106.78	-350.13E-12	-0.0011565	23.130E-9
1	Grid	-57.59158	-3.90158	106.80000	-0.35084	106.78	-428.29E-12	-0.0012991	25.982E-9
1	Grid	-55.59640	-3.90158	106.80000	-0.40842	106.78	-528.67E-12	-0.0014663	29.327E-9
1	Grid	-53.60122	-3.90158	106.80000	-0.47551	106.78	-659.07E-12	-0.0016639	33.277E-9
1	Grid	-51.60604	-3.90158	106.80000	-0.55390	106.78	-830.71E-12	-0.0018989	37.979E-9
1	Grid	-49.61086	-3.90158	106.80000	-0.64582	106.78	-1.0599E-9	-0.0021810	43.620E-9
1	Grid	-47.61568	-3.90158	106.80000	-0.75405	106.78	-1.3710E-9	-0.0025227	50.453E-9
1	Grid	-45.62050	-3.90158	106.80000	-0.88205	106.78	-1.8011E-9	-0.0029408	58.815E-9
1	Grid	-43.62532	-3.90158	106.80000	-1.03425	106.78	-2.4083E-9	-0.0034593	69.166E-9
1	Grid	-41.63014	-3.90158	106.80000	-1.21634	106.78	-3.2870E-9	-0.0041076	82.151E-9
1	Grid	-39.63496	-3.90158	106.80000	-1.43573	106.78	-4.5957E-9	-0.0049346	98.691E-9
1	Grid	-37.63978	-3.90158	106.80000	-1.70228	106.78	-6.6142E-9	-0.0060070	120.14E-9
1	Grid	-35.64460	-3.90158	106.80000	-2.02934	106.78	-9.8645E-9	-0.0074280	148.56E-9
1	Grid	-33.64942	-3.90158	106.80000	-2.43545	106.78	-15.394E-9	-0.0093617	187.23E-9
1	Grid	-31.65424	-3.90158	106.80000	-2.94730	106.78	-25.508E-9	-0.012085	241.69E-9
1	Grid	-29.65906	-3.90158	106.80000	-3.60524	106.78	-45.969E-9	-0.016101	322.02E-9
1	Grid	-27.66388	-3.90158	106.80000	-4.47582	106.78	-93.969E-9	-0.022436	448.71E-9
1	Grid	-25.66871	-3.90158	106.80000	-5.68849	106.78	-236.87E-9	-0.033556	671.10E-9
1	Grid	-23.67353	-3.90158	106.80000	-7.16020	106.78	-499.87E-9	-0.052282	1.147E-6
1	Grid	-21.67835	-3.90158	106.80000	-12.49076	106.78	-10.695E-6	-0.14230	2.8446E-6
1	Grid	-19.68317	-3.90158	106.80000	-17.34474	106.78	-23.852	-51.337	-0.0018356
1	Grid	-17.68799	-3.90158	106.80000	-19.73184	106.78	-23.853	-51.844	-0.0018255
1	Grid	-15.69281	-3.90158	106.80000	-21.02397	106.78	-23.853	-51.895	-0.0018245
1	Grid	-13.69763	-3.90158	106.80000	-22.92597	106.78	-23.853	-51.929	-0.0018238
1	Grid	-11.70245	-3.90158	106.80000	-22.92746	106.78	-23.853	-51.991	-0.0018226
1	Grid	-9.70727	-3.90158	106.80000	-24.02632	106.78	-23.853	-52.172	-0.0018189
1	Grid	-7.71209	-3.90158	106.80000	-24.75381	106.78	-23.853	-52.257	-0.0018172
1	Grid	-5.71691	-3.90158	106.80000	-25.09156	106.78	-23.853	-52.281	-0.0018168
1	Grid	-3.72173	-3.90158	106.80000	-25.18657	106.78	-23.853	-52.298	-0.0018166
1	Grid	-1.72655	-3.90158	106.80000	-25.07623	106.78	-23.853	-52.285	-0.0018167
1	Grid	0.26863	-3.90158	106.80000	-24.73978	106.78	-23.853	-52.271	-0.0018170
1	Grid	2.26381	-3.90158	106.80000	-24.07881	106.78	-23.853	-52.228	-0.0018178
1	Grid	4.25899	-3.90158	106.80000	-22.85107	106.78	-23.853	-52.063	-0.0018211
1	Grid	6.25417	-3.90158	106.80000	-21.26879	106.78	-23.853	-51.972	-0.0018249
1	Grid	8.24935	-3.90158	106.80000	-18.18831	106.78	-0.82779	-8.2113	64.892E-6
1	Grid	10.24453	-3.90158	106.80000	-15.30863	106.78	-5.0568E-6	-0.12013	2.4020E-6
1	Grid	12.23971	-3.90158	106.80000	-13.05650	106.78	-673.37E-9	-0.057070	1.1413E-6
1	Grid	14.23489	-3.90158	106.80000	-8.44864	106.78	-208.68E-9	-0.034985	699.67E-9
1	Grid	16.23007	-3.90158	106.80000	-6.46567	106.78	-19.968E-9	-0.003220	476.38E-9
1	Grid	18.22525	-3.90158	106.80000	-5.29102	106.78	-46.139E-9	-0.017217	344.34E-9
1	Grid	20.22043	-3.90158	106.80000	-4.45402	106.78	-26.332E-9	-0.012952	259.04E-9
1	Grid	22.21561	-3.90158	106.80000	-3.80006	106.78	-16.165E-9	-0.010033	200.66E-9
1	Grid	24.21079	-3.90158	106.80000	-3.25904	106.78	-10.468E-9	-0.0079508	159.02E-9
1	Grid	26.20597	-3.90158	106.80000	-2.79658	106.78	-7.0637E-9	-0.006892	128.36E-9
1	Grid	28.20115	-3.90158	106.80000	-2.40039	106.78	-4.9266E-9	-0.0052614	105.23E-9
1	Grid	30.19633	-3.90158	106.80000	-2.06543	106.78	-3.5309E-9	-0.0043702	87.404E-9
1	Grid	32.19151	-3.90158	106.80000	-1.78857	106.78	-2.5895E-9	-0.0036715	73.430E-9
1	Grid	34.18669	-3.90158	106.80000	-1.56390	106.78	-1.9369E-9	-0.0031155	62.309E-9
1	Grid	36.18187	-3.90158	106.80000	-1.38448	106.78	-1.4739E-9	-0.002618	53.343E-9
1	Grid	38.17705	-3.90158	106.80000	-1.24340	106.78	-1.1386E-9	-0.0023015	46.029E-9
1	Grid	40.17223	-3.90158	106.80000	-1.13529	106.78	-891.52E-12	-0.0020001	40.002E-9
1	Grid	42.16741	-3.90158	106.80000	-1.05569	106.78	-706.53E-12	-0.0017495	34.989E-9
1	Grid	44.16259	-3.90158	106.80000	-1.00133	106.78	-566.04E-12	-0.0015392	30.785E-9
1	Grid	46.15777	-3.90158	106.80000	-0.96987	106.78	-457.98E-12	-0.0013616	27.231E-9
1	Grid	48.15295	-3.90158	106.80000	-0.96024	106.78	-373.90E-12	-0.0012103	24.206E-9
1	Grid	50.14813	-3.90158	106.80000	-0.97162	106.78	-307.78E-12	-0.0010808	21.616E-9
1	Grid	52.14331	-3.90158	106.80000	-1.00436	106.78	-255.28E-12	-969.18E-6	19.384E-9
1	Grid	54.13849	-3.90158	106.80000	-1.05960	106.78	-213.22E-12	-872.48E-6	17.450E-9
1	Grid	56.13367	-3.90158	106.80000	-1.13945	106.78	-179.25E-12	-788.28E-6	15.766E-9
1	Grid	58.12885	-3.90158	106.80000	-1.24725	106.78	-151.60E-12	-714.62E-6	14.292E-9
1	Grid	60.12403	-3.90158	106.80000	-1.38798	106.78	-128.94E-12	-649.89E-6	12.998E-9
1	Grid	62.11921	-3.90158	106.80000	-1.56900	106.78	-110.24E-12	-592.77E-6	11.855E-9
1	Grid	64.11439	-3.90158	106.80000	-1.80126	106.78	-94.719E-12	-542.18E-6	10.844E-9
1	Grid	66.10957	-3.90158	106.80000	-2.10164	106.78	-81.753E-12	-497.20E-6	9.9440E-9
1	Grid	68.10475	-3.90158	106.80000	-2.49746	106.78	-70.873E-12	-457.08E-6	9.1415E-9
1	Grid	70.09993	-3.90158	106.80000	-3.03670	106.78	-61.687E-12	-421.17E-6	8.4234E-9
1	Grid	72.09511	-3.90158	106.80000	-3.81460	106.78	-53.903E-12	-388.94E-6	7.7788E-9
1	Grid	74.09029	-3.90158	106.80000	-5.06620	106.78	-47.268E-12	-359.92E-6	7.1985E-9
1	Grid	76.08547	-3.90158	106.80000	-7.77496	106.78	-41.594E-12	-333.73E-6	6.6747E-9
1	Grid	78.08065	-3.90158	106.80000	-13.40282	106.78	-36.721E-12	-310.03E-6	6.2006E-9
1	Grid	80.07583	-3.90158	106.80000	-15.12419	106.78	-32.519E-12	-288.52E-6	5.7704E-9
1	Grid	82.07101	-3.90158	106.80000	-15.91578	106.78	-28.884E-12	-268.96E-6	5.3793E-9
1	Grid	84.06619	-3.90158	106.80000	-16.23732	106.78	-25.725E-12	-251.14E-6	5.0228E-9
1	Grid	86.06137	-3.90158	106.80000	-16.20356	106.78	-22.976E-12	-234.86E-6	4.6972E-9
1	Grid	88.05655	-3.90158	106.80000	-15.80447	106.78	-20.571E-12	-219.96E-6	4.3992E-9
1	Grid	90.05173	-3.90158	106.80000	-14.89130	106.78	-18.465E-12	-206.29E-6	4.1259E-9
1	Grid	92.04691	-3.90158	106.80000	-12.84865	106.78	-16.611E-12	-193.74E-6	3.8748E-9
1	Grid	94.04209	-3.90158	106.80000	-6.99938	106.78	-14.974E-12	-182.19E-6	3.6438E-9
1	Grid	96.03727	-3.90158	106.80000	-4.72544	106.78	-13.532E-12	-171.54E-6	3.4308E-9
1	Grid	98.03245	-3.90158	106.80000	-3.57336	106.78	-12.252E-12	-161.70E-6	3.2341E-9
1	Grid	100.02763	-3.90158	106.80000	-2.83143	106.78	-11.114E-12	-152.61E-6	3.0522E-9
1	Grid	102.02281	-3.90158	106.80000	-2.30401	106.78	-10.101E-12	-144.18E-6	2.8837E-9
1	Grid	104.01799	-3.90158	106.80000	-1.90744	106.78	-9.1973E-12	-136.37E-6	2.7274E-9
1	Grid	106.01317	-3.90158	106.80000	-1.59590	106.78	-8.3886E-12	-129.11E-6	2.5822E-9
1	Grid	108.00835	-3.90158	106.80000	-1.35084	106.78	-7.6659E-12	-122.36E-6	2.4472E-9
1	Grid	110.00353	-3.90158	106.80000	-1.14924	106.78	-7.0177E-12	-116.07E-6	2.3214E-9
1	Grid	111.99871	-3.90158	106.80000	-0.98259	106.78	-6.4322E-12	-110.20E-6	2.2041E-9
1	Grid	113.99389	-3.90158	106.80000	-0.84329	106.78	-5.9053E-12	-104.73E-6	2.0946E-9
1	Grid	115.98906	-3.90158	106.80000	-0.72582	106.78	-5.4277E-12	-99.611E-6	1.9922E-9
1	Grid	117.98424	-3.90158	106.80000	-0.62604	106.78	-4.9967E-12	-94.822E-6	1.8964E-9
1	Grid	119.97942	-3.90158	106.80000	-0.54079	106.78	-4.6056E-12	-90.335E-6	1.8067E-9
1	Grid	121.97460	-3.90158	106.80000	-0.46760	106.78	-4.2499E-12	-86.127E-6	1.7225E-9
1	Grid	123.96978	-3.90158	106.80000	-0.40450	106.78	-3.9269E-12	-82.177E-6	1.6

Oasys										Job No.	Sheet No.	Rev.
Highgate Junior School Sports Hall										3244		
Unloading and Loading Long Term										Drg. Ref.		
										Made by	Date	Checked
										AC		
Ref.	Name	x	y	z	δz	Stress: Calc. Level [MOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]			
		[m]	[m]	[MOD]	[mm]							
1	Grid	-93.50482	-2.02683	106.80000	-0.00576	106.78	-27.798E-12	-262.35E-6	5.2470E-9			
1	Grid	-91.50964	-2.02683	106.80000	-0.01038	106.78	-31.281E-12	-281.31E-6	5.6262E-9			
1	Grid	-89.51446	-2.02683	106.80000	-0.01570	106.78	-35.304E-12	-302.15E-6	6.0430E-9			
1	Grid	-87.51928	-2.02683	106.80000	-0.02181	106.78	-39.973E-12	-325.11E-6	6.5022E-9			
1	Grid	-85.52410	-2.02683	106.80000	-0.02881	106.78	-45.404E-12	-350.47E-6	7.0094E-9			
1	Grid	-83.52892	-2.02683	106.80000	-0.03685	106.78	-51.752E-12	-378.55E-6	7.5710E-9			
1	Grid	-81.53374	-2.02683	106.80000	-0.04606	106.78	-59.205E-12	-409.73E-6	8.1946E-9			
1	Grid	-79.53856	-2.02683	106.80000	-0.05662	106.78	-67.992E-12	-444.45E-6	8.8891E-9			
1	Grid	-77.54338	-2.02683	106.80000	-0.06873	106.78	-78.408E-12	-483.24E-6	9.6648E-9			
1	Grid	-75.54820	-2.02683	106.80000	-0.08261	106.78	-90.811E-12	-526.70E-6	10.534E-9			
1	Grid	-73.55302	-2.02683	106.80000	-0.09855	106.78	-105.67E-12	-575.57E-6	11.511E-9			
1	Grid	-71.55784	-2.02683	106.80000	-0.11684	106.78	-123.57E-12	-630.73E-6	12.615E-9			
1	Grid	-69.56266	-2.02683	106.80000	-0.13785	106.78	-145.27E-12	-693.22E-6	13.864E-9			
1	Grid	-67.56748	-2.02683	106.80000	-0.16202	106.78	-171.77E-12	-764.32E-6	15.286E-9			
1	Grid	-65.57230	-2.02683	106.80000	-0.18985	106.78	-204.35E-12	-845.58E-6	16.912E-9			
1	Grid	-63.57712	-2.02683	106.80000	-0.22193	106.78	-244.73E-12	-938.89E-6	18.778E-9			
1	Grid	-61.58194	-2.02683	106.80000	-0.25897	106.78	-295.20E-12	-0.0010466	20.932E-9			
1	Grid	-59.58676	-2.02683	106.80000	-0.30182	106.78	-358.88E-12	-0.0011716	23.432E-9			
1	Grid	-57.59158	-2.02683	106.80000	-0.35148	106.78	-440.03E-12	-0.0013179	26.352E-9			
1	Grid	-55.59640	-2.02683	106.80000	-0.40918	106.78	-544.61E-12	-0.0014893	29.785E-9			
1	Grid	-53.60122	-2.02683	106.80000	-0.47639	106.78	-681.06E-12	-0.0016925	33.850E-9			
1	Grid	-51.60604	-2.02683	106.80000	-0.55493	106.78	-861.50E-12	-0.0019351	38.701E-9			
1	Grid	-49.61086	-2.02683	106.80000	-0.64701	106.78	-1.1038E-9	-0.0022271	44.542E-9			
1	Grid	-47.61568	-2.02683	106.80000	-0.75540	106.78	-1.4347E-9	-0.0025822	51.645E-9			
1	Grid	-45.62050	-2.02683	106.80000	-0.88358	106.78	-1.8956E-9	-0.0030188	60.375E-9			
1	Grid	-43.62532	-2.02683	106.80000	-1.03595	106.78	-2.5519E-9	-0.0035621	71.242E-9			
1	Grid	-41.63014	-2.02683	106.80000	-1.21818	106.78	-3.5114E-9	-0.0042481	84.961E-9			
1	Grid	-39.63496	-2.02683	106.80000	-1.43766	106.78	-4.9577E-9	-0.0051285	102.57E-9			
1	Grid	-37.63978	-2.02683	106.80000	-1.70421	106.78	-7.2210E-9	-0.0062809	125.62E-9			
1	Grid	-35.64460	-2.02683	106.80000	-2.03118	106.78	-10.930E-9	-0.0078253	156.50E-9			
1	Grid	-33.64942	-2.02683	106.80000	-2.43716	106.78	-17.377E-9	-0.0099571	199.14E-9			
1	Grid	-31.65424	-2.02683	106.80000	-2.94921	106.78	-29.496E-9	-0.013015	260.29E-9			
1	Grid	-29.65906	-2.02683	106.80000	-3.60898	106.78	-54.896E-9	-0.017636	352.72E-9			
1	Grid	-27.66388	-2.02683	106.80000	-4.48716	106.78	-117.40E-9	-0.025179	503.56E-9			
1	Grid	-25.66871	-2.02683	106.80000	-5.72522	106.78	-316.59E-9	-0.039117	782.31E-9			
1	Grid	-23.67353	-2.02683	106.80000	-7.71723	106.78	-1.3392E-6	-0.071614	1.4321E-6			
1	Grid	-21.67835	-2.02683	106.80000	-12.87621	106.78	-18.579E-6	-0.20615	4.1208E-6			
1	Grid	-19.68317	-2.02683	106.80000	-19.24772	106.78	-23.999	-56.365	-0.0017526			
1	Grid	-17.68799	-2.02683	106.80000	-22.33471	106.78	-24.000	-57.232	-0.0017354			
1	Grid	-15.69281	-2.02683	106.80000	-23.76375	106.78	-24.000	-57.302	-0.0017340			
1	Grid	-13.69763	-2.02683	106.80000	-24.72427	106.78	-24.000	-57.332	-0.0017334			
1	Grid	-11.70245	-2.02683	106.80000	-25.47675	106.78	-24.000	-57.359	-0.0017328			
1	Grid	-9.70727	-2.02683	106.80000	-26.09319	106.78	-24.000	-57.388	-0.0017322			
1	Grid	-7.71209	-2.02683	106.80000	-26.53266	106.78	-24.000	-57.409	-0.0017318			
1	Grid	-5.71691	-2.02683	106.80000	-26.77432	106.78	-24.000	-57.420	-0.0017316			
1	Grid	-3.72173	-2.02683	106.80000	-26.83430	106.78	-24.000	-57.423	-0.0017315			
1	Grid	-1.72655	-2.02683	106.80000	-26.71803	106.78	-24.000	-57.419	-0.0017316			
1	Grid	0.26863	-2.02683	106.80000	-26.40816	106.78	-24.000	-57.408	-0.0017318			
1	Grid	2.26381	-2.02683	106.80000	-25.85783	106.78	-24.000	-57.384	-0.0017323			
1	Grid	4.25899	-2.02683	106.80000	-24.98538	106.78	-24.000	-57.335	-0.0017333			
1	Grid	6.25417	-2.02683	106.80000	-23.58804	106.78	-24.000	-57.219	-0.0017356			
1	Grid	8.24935	-2.02683	106.80000	-19.45846	106.78	-0.86589	-10.267	101.44E-6			
1	Grid	10.24453	-2.02683	106.80000	-15.54144	106.78	-8.3600E-6	-0.15823	3.1637E-6			
1	Grid	12.23971	-2.02683	106.80000	-13.08188	106.78	-937.86E-9	-0.066641	1.3327E-6			
1	Grid	14.23489	-2.02683	106.80000	-8.37945	106.78	-261.56E-9	-0.038823	776.43E-9			
1	Grid	16.23007	-2.02683	106.80000	-6.33493	106.78	-106.03E-9	-0.025736	514.71E-9			
1	Grid	18.22525	-2.02683	106.80000	-5.12770	106.78	-52.339E-9	-0.018302	366.03E-9			
1	Grid	20.22043	-2.02683	106.80000	-4.27440	106.78	-29.123E-9	-0.013617	272.33E-9			
1	Grid	22.21561	-2.02683	106.80000	-3.62142	106.78	-17.562E-9	-0.010463	209.27E-9			
1	Grid	24.21079	-2.02683	106.80000	-3.09659	106.78	-11.224E-9	-0.0082413	164.82E-9			
1	Grid	26.20597	-2.02683	106.80000	-2.62025	106.78	-7.4972E-9	-0.0062027	132.41E-9			
1	Grid	28.20115	-2.02683	106.80000	-2.29777	106.78	-5.1872E-9	-0.0054064	108.13E-9			
1	Grid	30.19633	-2.02683	106.80000	-1.99292	106.78	-3.6937E-9	-0.0044763	89.526E-9			
1	Grid	32.19151	-2.02683	106.80000	-1.74031	106.78	-2.6944E-9	-0.0037507	75.013E-9			
1	Grid	34.18669	-2.02683	106.80000	-1.53376	106.78	-2.0064E-9	-0.0031755	63.511E-9			
1	Grid	36.18187	-2.02683	106.80000	-1.36749	106.78	-1.5211E-9	-0.0027134	54.268E-9			
1	Grid	38.17705	-2.02683	106.80000	-1.23626	106.78	-1.1713E-9	-0.0023376	46.751E-9			
1	Grid	40.17223	-2.02683	106.80000	-1.13568	106.78	-914.66E-12	-0.0020286	40.573E-9			
1	Grid	42.16741	-2.02683	106.80000	-1.06223	106.78	-723.16E-12	-0.0017722	35.445E-9			
1	Grid	44.16259	-2.02683	106.80000	-1.01328	106.78	-578.18E-12	-0.0015576	31.152E-9			
1	Grid	46.15777	-2.02683	106.80000	-0.98707	106.78	-466.97E-12	-0.0013765	27.530E-9			
1	Grid	48.15295	-2.02683	106.80000	-0.98262	106.78	-380.64E-12	-0.0012226	24.452E-9			
1	Grid	50.14813	-2.02683	106.80000	-0.99970	106.78	-312.90E-12	-0.0010909	21.819E-9			
1	Grid	52.14331	-2.02683	106.80000	-1.03893	106.78	-259.21E-12	-977.63E-6	19.552E-9			
1	Grid	54.13849	-2.02683	106.80000	-1.10178	106.78	-216.27E-12	-879.57E-6	17.591E-9			
1	Grid	56.13367	-2.02683	106.80000	-1.19081	106.78	-181.63E-12	-794.26E-6	15.885E-9			
1	Grid	58.12885	-2.02683	106.80000	-1.30993	106.78	-153.48E-12	-719.69E-6	14.394E-9			
1	Grid	60.12403	-2.02683	106.80000	-1.46489	106.78	-130.43E-12	-654.21E-6	13.084E-9			
1	Grid	62.11921	-2.02683	106.80000	-1.66415	106.78	-111.44E-12	-596.48E-6	11.930E-9			
1	Grid	64.11439	-2.02683	106.80000	-1.92033	106.78	-95.682E-12	-545.37E-6	10.907E-9			
1	Grid	66.10957	-2.02683	106.80000	-2.25282	106.78	-82.539E-12	-499.96E-6	9.9993E-9			
1	Grid	68.10475	-2.02683	106.80000	-2.63904	106.78	-71.511E-12	-459.48E-6	9.1864E-9			
1	Grid	70.09993	-2.02683	106.80000	-3.29579	106.78	-62.214E-12	-423.27E-6	8.4653E-9			
1	Grid	72.09511	-2.02683	106.80000	-4.16783	106.78	-54.337E-12	-390.78E-6	7.8155E-9			
1	Grid	74.09029	-2.02683	106.80000	-5.56163	106.78	-47.630E-12	-361.54E-6	7.2307E-9			
1	Grid	76.08547	-2.02683	106.80000	-8.46938	106.78	-41.896E-12	-335.15E-6	6.7031E-9			
1	Grid	78.08065	-2.02683	106.80000	-14.23488	106.78	-36.973E-12	-311.29E-6	6.2257E-9			
1	Grid	80.07583	-2.02683	106.80000	-16.21364	106.78	-32.735E-12	-289.64E-6	5.7927E-9			
1	Grid	82.07101	-2.02683									



Highgate Junior School Sports Hall

Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	165.86856	-2.02683	106.80000	0.00150	106.78	0.0	-35.292E-12	705.84E-12
1	Grid	167.86374	-2.02683	106.80000	0.00506	106.78	0.0	-34.081E-12	681.62E-12
1	Grid	169.85892	-2.02683	106.80000	0.00818	106.78	0.0	-32.925E-12	658.50E-12
1	Grid	171.85410	-2.02683	106.80000	0.01089	106.78	0.0	-31.821E-12	636.42E-12
1	Grid	173.84928	-2.02683	106.80000	0.01325	106.78	0.0	-30.766E-12	615.31E-12
1	Grid	175.84446	-2.02683	106.80000	0.01530	106.78	0.0	-29.756E-12	595.13E-12
1	Grid	177.83964	-2.02683	106.80000	0.01706	106.78	0.0	-28.791E-12	575.82E-12
1	Grid	179.83482	-2.02683	106.80000	0.01858	106.78	0.0	-27.867E-12	557.34E-12
1	Grid	181.83000	-2.02683	106.80000	0.01988	106.78	0.0	-26.982E-12	539.64E-12
1	Grid	-95.50000	-0.15209	106.80000	-0.00164	106.78	-24.900E-12	-245.76E-6	4.9153E-9
1	Grid	-93.50482	-0.15209	106.80000	-0.00566	106.78	-27.954E-12	-263.14E-6	5.2628E-9
1	Grid	-91.50964	-0.15209	106.80000	-0.01028	106.78	-31.464E-12	-282.20E-6	5.6441E-9
1	Grid	-89.51446	-0.15209	106.80000	-0.01558	106.78	-35.528E-12	-303.16E-6	6.0632E-9
1	Grid	-87.51928	-0.15209	106.80000	-0.02168	106.78	-40.237E-12	-326.26E-6	6.5252E-9
1	Grid	-85.52410	-0.15209	106.80000	-0.02867	106.78	-45.724E-12	-351.78E-6	7.0357E-9
1	Grid	-83.52928	-0.15209	106.80000	-0.03669	106.78	-52.140E-12	-380.06E-6	7.6011E-9
1	Grid	-81.53374	-0.15209	106.80000	-0.04589	106.78	-59.675E-12	-411.46E-6	8.2292E-9
1	Grid	-79.53856	-0.15209	106.80000	-0.05643	106.78	-68.573E-12	-446.45E-6	8.9290E-9
1	Grid	-77.54338	-0.15209	106.80000	-0.06851	106.78	-79.125E-12	-485.55E-6	9.7111E-9
1	Grid	-75.54820	-0.15209	106.80000	-0.08237	106.78	-91.700E-12	-529.40E-6	10.588E-9
1	Grid	-73.55302	-0.15209	106.80000	-0.09827	106.78	-106.78E-12	-578.73E-6	11.575E-9
1	Grid	-71.55784	-0.15209	106.80000	-0.11653	106.78	-124.97E-12	-634.44E-6	12.689E-9
1	Grid	-69.56266	-0.15209	106.80000	-0.13749	106.78	-147.06E-12	-697.61E-6	13.952E-9
1	Grid	-67.56748	-0.15209	106.80000	-0.16161	106.78	-174.05E-12	-769.55E-6	15.391E-9
1	Grid	-65.57230	-0.15209	106.80000	-0.18936	106.78	-207.30E-12	-851.84E-6	17.037E-9
1	Grid	-63.57712	-0.15209	106.80000	-0.22149	106.78	-248.58E-12	-946.43E-6	18.929E-9
1	Grid	-61.58194	-0.15209	106.80000	-0.25830	106.78	-300.29E-12	-0.0010558	21.115E-9
1	Grid	-59.58676	-0.15209	106.80000	-0.30102	106.78	-365.67E-12	-0.0011828	23.656E-9
1	Grid	-57.59158	-0.15209	106.80000	-0.35052	106.78	-449.22E-12	-0.0013315	26.629E-9
1	Grid	-55.59640	-0.15209	106.80000	-0.40802	106.78	-557.21E-12	-0.0015065	30.130E-9
1	Grid	-53.60122	-0.15209	106.80000	-0.47498	106.78	-698.57E-12	-0.0017142	34.284E-9
1	Grid	-51.60604	-0.15209	106.80000	-0.55320	106.78	-886.24E-12	-0.0019626	39.253E-9
1	Grid	-49.61086	-0.15209	106.80000	-0.64488	106.78	-1.1394E-9	-0.0022626	45.252E-9
1	Grid	-47.61568	-0.15209	106.80000	-0.75277	106.78	-1.4869E-9	-0.0026285	52.570E-9
1	Grid	-45.62050	-0.15209	106.80000	-0.88030	106.78	-1.9739E-9	-0.0030800	61.601E-9
1	Grid	-43.62532	-0.15209	106.80000	-1.03128	106.78	-2.6722E-9	-0.0037445	72.890E-9
1	Grid	-41.63014	-0.15209	106.80000	-1.21304	106.78	-3.7013E-9	-0.0043609	87.217E-9
1	Grid	-39.63496	-0.15209	106.80000	-1.43121	106.78	-5.2674E-9	-0.0052862	105.72E-9
1	Grid	-37.63978	-0.15209	106.80000	-1.69618	106.78	-7.7449E-9	-0.0065063	130.13E-9
1	Grid	-35.64460	-0.15209	106.80000	-2.02131	106.78	-11.856E-9	-0.0081564	163.13E-9
1	Grid	-33.64942	-0.15209	106.80000	-2.42542	106.78	-19.106E-9	-0.010459	209.18E-9
1	Grid	-31.65424	-0.15209	106.80000	-2.93619	106.78	-32.954E-9	-0.013806	276.11E-9
1	Grid	-29.65906	-0.15209	106.80000	-3.59686	106.78	-62.468E-9	-0.018944	378.87E-9
1	Grid	-27.66388	-0.15209	106.80000	-4.48179	106.78	-136.23E-9	-0.027487	549.72E-9
1	Grid	-25.66871	-0.15209	106.80000	-5.74067	106.78	-272.96E-9	-0.043579	871.53E-9
1	Grid	-23.67353	-0.15209	106.80000	-7.37855	106.78	-561.7E-9	-0.07746	1.6291E-6
1	Grid	-21.67835	-0.15209	106.80000	-13.06882	106.78	-19.828E-6	-0.23191	4.6359E-6
1	Grid	-19.68317	-0.15209	106.80000	-19.66597	106.78	-23.999	-56.429	-0.0017513
1	Grid	-17.68799	-0.15209	106.80000	-22.93682	106.78	-24.000	-57.324	-0.0017335
1	Grid	-15.69281	-0.15209	106.80000	-24.43978	106.78	-24.000	-57.402	-0.0017320
1	Grid	-13.69763	-0.15209	106.80000	-25.54086	106.78	-24.000	-57.432	-0.0017314
1	Grid	-11.70245	-0.15209	106.80000	-26.09272	106.78	-24.000	-57.450	-0.0017310
1	Grid	-9.70727	-0.15209	106.80000	-26.60011	106.78	-24.000	-57.463	-0.0017307
1	Grid	-7.71209	-0.15209	106.80000	-26.94679	106.78	-24.000	-57.473	-0.0017305
1	Grid	-5.71691	-0.15209	106.80000	-27.13742	106.78	-24.000	-57.478	-0.0017304
1	Grid	-3.72173	-0.15209	106.80000	-27.17464	106.78	-24.000	-57.479	-0.0017304
1	Grid	-1.72655	-0.15209	106.80000	-27.05436	106.78	-24.000	-57.476	-0.0017305
1	Grid	0.26863	-0.15209	106.80000	-26.75903	106.78	-24.000	-57.466	-0.0017307
1	Grid	2.26381	-0.15209	106.80000	-26.24905	106.78	-24.000	-57.448	-0.0017310
1	Grid	4.25899	-0.15209	106.80000	-25.43601	106.78	-24.000	-57.410	-0.0017318
1	Grid	6.25417	-0.15209	106.80000	-24.03482	106.78	-24.000	-57.395	-0.0017341
1	Grid	8.24935	-0.15209	106.80000	-19.75006	106.78	-0.86589	-10.316	102.41E-6
1	Grid	10.24453	-0.15209	106.80000	-15.64434	106.78	-9.1500E-6	-0.17604	3.5198E-6
1	Grid	12.23971	-0.15209	106.80000	-13.07842	106.78	-1.0844E-6	-0.073377	1.4674E-6
1	Grid	14.23489	-0.15209	106.80000	-8.31662	106.78	-299.83E-9	-0.041856	837.09E-9
1	Grid	16.23007	-0.15209	106.80000	-2.23543	106.78	-118.94E-9	-0.017297	545.92E-9
1	Grid	18.22525	-0.15209	106.80000	-5.00649	106.78	-57.529E-9	-0.019183	383.65E-9
1	Grid	20.22043	-0.15209	106.80000	-4.14380	106.78	-31.483E-9	-0.014149	282.97E-9
1	Grid	22.21561	-0.15209	106.80000	-3.49217	106.78	-18.737E-9	-0.010801	216.02E-9
1	Grid	24.21079	-0.15209	106.80000	-2.97773	106.78	-11.850E-9	-0.0084646	169.29E-9
1	Grid	26.20597	-0.15209	106.80000	-2.56007	106.78	-7.8507E-9	-0.0067733	135.46E-9
1	Grid	28.20115	-0.15209	106.80000	-2.21580	106.78	-5.3956E-9	-0.0055136	110.27E-9
1	Grid	30.19633	-0.15209	106.80000	-1.93073	106.78	-3.8214E-9	-0.0045534	91.067E-9
1	Grid	32.19151	-0.15209	106.80000	-1.69552	106.78	-2.7752E-9	-0.0038073	76.145E-9
1	Grid	34.18669	-0.15209	106.80000	-1.50322	106.78	-2.0591E-9	-0.0032179	64.357E-9
1	Grid	36.18187	-0.15209	106.80000	-1.34827	106.78	-1.5562E-9	-0.002746	54.912E-9
1	Grid	38.17705	-0.15209	106.80000	-1.22603	106.78	-1.1954E-9	-0.0023624	47.248E-9
1	Grid	40.17223	-0.15209	106.80000	-1.13275	106.78	-931.40E-12	-0.0020481	40.961E-9
1	Grid	42.16741	-0.15209	106.80000	-1.06550	106.78	-735.05E-12	-0.0017876	35.752E-9
1	Grid	44.16259	-0.15209	106.80000	-1.02211	106.78	-586.76E-12	-0.0015699	31.398E-9
1	Grid	46.15777	-0.15209	106.80000	-1.00121	106.78	-473.26E-12	-0.0013864	27.729E-9
1	Grid	48.15295	-0.15209	106.80000	-1.00212	106.78	-385.31E-12	-0.0012307	24.614E-9
1	Grid	50.14813	-0.15209	106.80000	-1.02494	106.78	-316.41E-12	-0.0010976	21.952E-9
1	Grid	52.14331	-0.15209	106.80000	-1.07058	106.78	-261.88E-12	-983.16E-6	9.663E-9
1	Grid	54.13849	-0.15209	106.80000	-1.14084	106.78	-218.32E-12	-884.18E-6	7.684E-9
1	Grid	56.13367	-0.15209	106.80000	-1.23063	106.78	-183.23E-12	-98.148E-6	5.963E-9
1	Grid	58.12885	-0.15209	106.80000	-1.36851	106.78	-154.73E-12	-722.97E-6	4.459E-9
1	Grid	60.12403	-0.15209	106.80000	-1.53674	106.78	-131.42E-12	-657.00E-6	3.140E-9
1	Grid	62.11921	-0.15209	106.80000	-1.75277	106.78	-112.23E-12	-598.86E-6	1.977E-9
1	Grid	64.11439	-0.15209	106.80000	-2.03048	106.78	-96.316E-12	-547.42E-6	10.948E-9
1	Grid	66.10957	-0.15209	106.80000	-2.39133	106.78	-83.050E-12	-501.73E-6	10.035E-9
1	Grid	68.10475	-0.15209	106.80000	-2.86886	106.78	-71.930E-12	-461.01E-6	9.2203E-9
1	Grid	70.09993	-0.15209	106.80000	-3.52226	106.78	-62.557E-12	-424.60E-6	8.4920E-9
1	Grid	72.09511	-0.15209	106.80000	-4.46295	106.78	-54.618E-12	-391.94E-6	7.8389E-9
1	Grid	74.09029	-0.15209	106.80000	-5.94732	106.78	-47.866E-12	-362.56E-6	7.2512E-9
1	Grid	76.08547	-0.15209	106.80000	-8.96163	106.78	-42.091E-12	-336.06E-6	5.7211E-9
1	Grid	78.08065	-0.15209	106.80000	-14.93356	106.78	-37.138E-12	-312.08E-6	6.2416E-9
1	Grid	80.07583	-0.15209	106.80000	-16.91989	106.78	-32.872E-12	-290.34E-6	5.8069E-9
1	Grid	82.07101	-0.15209	106.80000	-17.87051	106.78	-29.179E-12	-270.58E-6	5.4117E-9
1	Grid	84.06619	-0.15209	106.80000	-18.26199	106.78	-25.979E-12	-252.58E-6	5.0517E-9
1	Grid	86.06137	-0.15209	106.8000					



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]
1	Grid	145.91676	-0.15209	106.80000	-0.08073	106.78	-1.7852E-12	-51.315E-6	1.0263E-9
1	Grid	147.91194	-0.15209	106.80000	-0.06716	106.78	-1.6687E-12	-49.325E-6	986.50E-12
1	Grid	149.90712	-0.15209	106.80000	-0.05523	106.78	-1.5661E-12	-47.437E-6	948.74E-12
1	Grid	151.90230	-0.15209	106.80000	-0.04475	106.78	-1.4668E-12	-45.644E-6	912.88E-12
1	Grid	153.89748	-0.15209	106.80000	-0.03554	106.78	-1.3762E-12	-43.941E-6	878.81E-12
1	Grid	155.89266	-0.15209	106.80000	-0.02744	106.78	-1.2943E-12	-42.321E-6	846.42E-12
1	Grid	157.88784	-0.15209	106.80000	-0.02031	106.78	-1.2137E-12	-40.780E-6	815.60E-12
1	Grid	159.88302	-0.15209	106.80000	-0.01406	106.78	-1.1438E-12	-39.313E-6	786.25E-12
1	Grid	161.87820	-0.15209	106.80000	-0.00856	106.78	-1.0751E-12	-37.915E-6	758.31E-12
1	Grid	163.87338	-0.15209	106.80000	-0.00374	106.78	-1.0145E-12	-36.583E-6	731.67E-12
1	Grid	165.86856	-0.15209	106.80000	-0.00048	106.78	-9.5391E-13	-35.313E-6	706.27E-12
1	Grid	167.86374	-0.15209	106.80000	0.00418	106.78	0.0	-34.101E-6	682.03E-12
1	Grid	169.85892	-0.15209	106.80000	0.00742	106.78	0.0	-32.944E-6	658.88E-12
1	Grid	171.85410	-0.15209	106.80000	0.01023	106.78	0.0	-31.839E-6	636.78E-12
1	Grid	173.84928	-0.15209	106.80000	0.01269	106.78	0.0	-30.783E-6	615.65E-12
1	Grid	175.84446	-0.15209	106.80000	0.01490	106.78	0.0	-29.773E-6	595.45E-12
1	Grid	177.83964	-0.15209	106.80000	0.01665	106.78	0.0	-28.806E-6	576.12E-12
1	Grid	179.83482	-0.15209	106.80000	0.01823	106.78	0.0	-27.881E-6	557.63E-12
1	Grid	181.83000	-0.15209	106.80000	0.01959	106.78	0.0	-26.996E-6	539.91E-12
1	Grid	-95.50000	1.72266	106.80000	-0.00148	106.78	-24.979E-12	-246.15E-6	4.9230E-9
1	Grid	-93.50482	1.72266	106.80000	-0.00547	106.78	-28.044E-12	-263.58E-6	5.2715E-9
1	Grid	-91.50964	1.72266	106.80000	-0.01007	106.78	-31.575E-12	-282.70E-6	5.6540E-9
1	Grid	-89.51446	1.72266	106.80000	-0.01535	106.78	-35.659E-12	-303.73E-6	6.0745E-9
1	Grid	-87.51928	1.72266	106.80000	-0.02141	106.78	-40.399E-12	-326.91E-6	6.5382E-9
1	Grid	-85.52410	1.72266	106.80000	-0.02837	106.78	-45.921E-12	-352.53E-6	7.0505E-9
1	Grid	-83.52922	1.72266	106.80000	-0.03566	106.78	-52.381E-12	-380.91E-6	7.6182E-9
1	Grid	-81.53374	1.72266	106.80000	-0.04550	106.78	-59.971E-12	-412.45E-6	8.2490E-9
1	Grid	-79.53856	1.72266	106.80000	-0.05598	106.78	-68.935E-12	-447.60E-6	8.9520E-9
1	Grid	-77.54338	1.72266	106.80000	-0.06800	106.78	-79.574E-12	-486.90E-6	9.7379E-9
1	Grid	-75.54820	1.72266	106.80000	-0.08178	106.78	-92.266E-12	-530.97E-6	10.619E-9
1	Grid	-73.55302	1.72266	106.80000	-0.09759	106.78	-107.498E-12	-580.59E-6	11.612E-9
1	Grid	-71.55784	1.72266	106.80000	-0.11573	106.78	-125.88E-12	-636.65E-6	12.733E-9
1	Grid	-69.56266	1.72266	106.80000	-0.13656	106.78	-148.22E-12	-700.24E-6	14.005E-9
1	Grid	-67.56748	1.72266	106.80000	-0.16051	106.78	-175.55E-12	-772.71E-6	15.454E-9
1	Grid	-65.57230	1.72266	106.80000	-0.18808	106.78	-209.26E-12	-855.65E-6	17.113E-9
1	Grid	-63.57712	1.72266	106.80000	-0.21946	106.78	-251.17E-12	-951.08E-6	19.022E-9
1	Grid	-61.58194	1.72266	106.80000	-0.25650	106.78	-303.74E-12	-0.0010615	21.229E-9
1	Grid	-59.58676	1.72266	106.80000	-0.29888	106.78	-370.33E-12	-0.0011899	23.798E-9
1	Grid	-57.59158	1.72266	106.80000	-0.34797	106.78	-455.59E-12	-0.0013403	26.805E-9
1	Grid	-55.59640	1.72266	106.80000	-0.40496	106.78	-566.03E-12	-0.0015176	30.352E-9
1	Grid	-53.60122	1.72266	106.80000	-0.47130	106.78	-710.99E-12	-0.0017283	34.566E-9
1	Grid	-51.60604	1.72266	106.80000	-0.54875	106.78	-904.01E-12	-0.0019809	39.617E-9
1	Grid	-49.61086	1.72266	106.80000	-0.63948	106.78	-1.1652E-9	-0.0022864	45.728E-9
1	Grid	-47.61568	1.72266	106.80000	-0.74619	106.78	-1.5253E-9	-0.0026600	53.200E-9
1	Grid	-45.62050	1.72266	106.80000	-0.87226	106.78	-2.0322E-9	-0.0031224	62.447E-9
1	Grid	-43.62532	1.72266	106.80000	-1.02191	106.78	-2.7630E-9	-0.0037244	74.046E-9
1	Grid	-41.63014	1.72266	106.80000	-1.20093	106.78	-3.8464E-9	-0.0044413	88.825E-9
1	Grid	-39.63496	1.72266	106.80000	-1.41634	106.78	-5.5065E-9	-0.0054003	108.00E-9
1	Grid	-37.63978	1.72266	106.80000	-1.67797	106.78	-8.1529E-9	-0.0066720	133.44E-9
1	Grid	-35.64460	1.72266	106.80000	-1.99918	106.78	-12.581E-9	-0.0084033	168.06E-9
1	Grid	-33.64942	1.72266	106.80000	-2.39897	106.78	-20.455E-9	-0.010838	216.75E-9
1	Grid	-31.65424	1.72266	106.80000	-2.90549	106.78	-35.607E-9	-0.014405	288.10E-9
1	Grid	-29.65906	1.72266	106.80000	-3.56322	106.78	-68.052E-9	-0.019931	398.62E-9
1	Grid	-27.66388	1.72266	106.80000	-4.44900	106.78	-149.01E-9	-0.029185	583.67E-9
1	Grid	-25.66871	1.72266	106.80000	-5.71703	106.78	-405.20E-9	-0.046645	932.85E-9
1	Grid	-23.67353	1.72266	106.80000	-7.78656	106.78	-8.6513E-9	-0.066884	1.7450E-9
1	Grid	-21.67835	1.72266	106.80000	-13.11781	106.78	-20.080E-9	-0.24289	4.8554E-6
1	Grid	-19.68317	1.72266	106.80000	-19.78221	106.78	-23.999	-56.447	-0.0017509
1	Grid	-17.68799	1.72266	106.80000	-23.11260	106.78	-24.000	-57.349	-0.0017330
1	Grid	-15.69281	1.72266	106.80000	-24.64692	106.78	-24.000	-57.430	-0.0017314
1	Grid	-13.69763	1.72266	106.80000	-25.51149	106.78	-24.000	-57.459	-0.0017308
1	Grid	-11.70245	1.72266	106.80000	-26.27932	106.78	-24.000	-57.475	-0.0017305
1	Grid	-9.70727	1.72266	106.80000	-26.74899	106.78	-24.000	-57.485	-0.0017303
1	Grid	-7.71209	1.72266	106.80000	-27.05899	106.78	-24.000	-57.491	-0.0017302
1	Grid	-5.71691	1.72266	106.80000	-27.22427	106.78	-24.000	-57.494	-0.0017301
1	Grid	-3.72173	1.72266	106.80000	-27.24846	106.78	-24.000	-57.494	-0.0017301
1	Grid	-1.72655	1.72266	106.80000	-27.12576	106.78	-24.000	-57.490	-0.0017302
1	Grid	0.26863	1.72266	106.80000	-26.83746	106.78	-24.000	-57.481	-0.0017304
1	Grid	2.26381	1.72266	106.80000	-26.34203	106.78	-24.000	-57.465	-0.0017307
1	Grid	4.25899	1.72266	106.80000	-25.54190	106.78	-24.000	-57.428	-0.0017314
1	Grid	6.25417	1.72266	106.80000	-24.13160	106.78	-24.000	-57.244	-0.0017337
1	Grid	8.24935	1.72266	106.80000	-19.80395	106.78	-0.86589	-10.330	102.68E-6
1	Grid	10.24453	1.72266	106.80000	-15.64162	106.78	-9.3329E-6	-0.18369	3.6728E-6
1	Grid	12.23971	1.72266	106.80000	-13.03037	106.78	-1.1471E-6	-0.077275	1.5454E-6
1	Grid	14.23489	1.72266	106.80000	-8.23824	106.78	-322.09E-9	-0.043864	877.23E-9
1	Grid	16.23007	1.72266	106.80000	-6.13809	106.78	-127.63E-9	-0.023890	567.58E-9
1	Grid	18.22525	1.72266	106.80000	-4.89897	106.78	-61.265E-9	-0.019797	395.94E-9
1	Grid	20.22043	1.72266	106.80000	-4.03350	106.78	-33.223E-9	-0.014513	290.26E-9
1	Grid	22.21561	1.72266	106.80000	-3.38549	106.78	-19.603E-9	-0.011027	220.53E-9
1	Grid	24.21079	1.72266	106.80000	-2.87989	106.78	-12.306E-9	-0.0086088	172.17E-9
1	Grid	26.20597	1.72266	106.80000	-2.47480	106.78	-8.1018E-9	-0.0068694	137.37E-9
1	Grid	28.20115	1.72266	106.80000	-2.14498	106.78	-5.5398E-9	-0.0055781	111.56E-9
1	Grid	30.19633	1.72266	106.80000	-1.87452	106.78	-3.9072E-9	-0.0045983	91.965E-9
1	Grid	32.19151	1.72266	106.80000	-1.65277	106.78	-2.8280E-9	-0.0038392	76.784E-9
1	Grid	34.18669	1.72266	106.80000	-1.47219	106.78	-2.0924E-9	-0.0032440	64.821E-9
1	Grid	36.18187	1.72266	106.80000	-1.32712	106.78	-1.5778E-9	-0.0027212	55.254E-9
1	Grid	38.17705	1.72266	106.80000	-1.21317	106.78	-1.2097E-9	-0.0023753	47.506E-9
1	Grid	40.17223	1.72266	106.80000	-1.12691	106.78	-941.14E-12	-0.0020579	41.158E-9
1	Grid	42.16741	1.72266	106.80000	-1.06579	106.78	-741.78E-12	-0.0017952	35.905E-9
1	Grid	44.16259	1.72266	106.80000	-1.02799	106.78	-591.50E-12	-0.0015759	31.518E-9
1	Grid	46.15777	1.72266	106.80000	-1.01242	106.78	-476.65E-12	-0.0013912	27.824E-9
1	Grid	48.15295	1.72266	106.80000	-1.01870	106.78	-387.78E-12	-0.0012345	24.690E-9
1	Grid	50.14813	1.72266	106.80000	-1.04719	106.78	-318.22E-12	-0.0011007	22.014E-9
1	Grid	52.14331	1.72266	106.80000	-1.09905	106.78	-263.23E-12	-985.68E-6	9.713E-9
1	Grid	54.13849	1.72266	106.80000	-1.17640	106.78	-219.34E-12	-886.26E-6	17.725E-9
1	Grid	56.13367	1.72266	106.80000	-1.28253	106.78	-184.01E-12	-99.85E-6	15.997E-9
1	Grid	58.12885	1.72266	106.80000	-1.42227	106.78	-155.34E-12	-724.42E-6	14.488E-9
1	Grid	60.12403	1.72266	106.80000	-1.60260	106.78	-131.89E-12	-658.22E-6	13.164E-9
1	Grid	62.11921	1.72266	106.80000	-1.83361	106.78	-112.60E-12	-599.90E-6	11.998E-9
1	Grid	64.11439	1.72266	106.80000	-2.13012	106.78	-96.611E-12	-548.30E-6	10.966E-9
1	Grid	66.1095							

Highgate Junior School Sports Hall Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
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Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
1	Grid	125.96496	1.72266	106.80000	-0.40060	106.78	-3.6544E-12	-78.706E-6	1.5741E-9
1	Grid	127.96014	1.72266	106.80000	-0.34593	106.78	-3.3860E-12	-75.197E-6	1.5039E-9
1	Grid	129.95532	1.72266	106.80000	-0.29860	106.78	-3.1408E-12	-71.894E-6	1.4379E-9
1	Grid	131.95050	1.72266	106.80000	-0.25751	106.78	-2.9170E-12	-68.781E-6	1.3756E-9
1	Grid	133.94568	1.72266	106.80000	-0.22177	106.78	-2.7098E-12	-65.847E-6	1.3169E-9
1	Grid	135.94086	1.72266	106.80000	-0.19062	106.78	-2.5226E-12	-63.077E-6	1.2615E-9
1	Grid	137.93604	1.72266	106.80000	-0.16343	106.78	-2.3501E-12	-60.460E-6	1.2092E-9
1	Grid	139.93122	1.72266	106.80000	-0.13964	106.78	-2.1902E-12	-57.987E-6	1.1597E-9
1	Grid	141.92640	1.72266	106.80000	-0.11882	106.78	-2.0437E-12	-55.646E-6	1.1129E-9
1	Grid	143.92158	1.72266	106.80000	-0.10059	106.78	-1.9105E-12	-53.430E-6	1.0686E-9
1	Grid	145.91676	1.72266	106.80000	-0.08457	106.78	-1.7839E-12	-51.331E-6	1.0266E-9
1	Grid	147.91194	1.72266	106.80000	-0.07052	106.78	-1.6720E-12	-49.340E-6	986.80E-12
1	Grid	149.90712	1.72266	106.80000	-0.05817	106.78	-1.5661E-12	-47.451E-6	949.02E-12
1	Grid	151.90230	1.72266	106.80000	-0.04732	106.78	-1.4682E-12	-45.657E-6	913.14E-12
1	Grid	153.89748	1.72266	106.80000	-0.03779	106.78	-1.3776E-12	-43.953E-6	879.06E-12
1	Grid	155.89266	1.72266	106.80000	-0.02941	106.78	-1.2936E-12	-42.332E-6	846.65E-12
1	Grid	157.88784	1.72266	106.80000	-0.02204	106.78	-1.2144E-12	-40.791E-6	815.81E-12
1	Grid	159.88302	1.72266	106.80000	-0.01557	106.78	-1.1431E-12	-39.323E-6	786.46E-12
1	Grid	161.87820	1.72266	106.80000	-0.00988	106.78	-1.0758E-12	-37.925E-6	758.50E-12
1	Grid	163.87338	1.72266	106.80000	-0.00489	106.78	-1.0132E-12	-36.593E-6	731.85E-12
1	Grid	165.86856	1.72266	106.80000	-0.00052	106.78	0.0	-35.322E-6	706.44E-12
1	Grid	167.86374	1.72266	106.80000	0.00331	106.78	0.0	-34.109E-6	682.19E-12
1	Grid	169.85892	1.72266	106.80000	0.00666	106.78	0.0	-32.952E-6	659.04E-12
1	Grid	171.85410	1.72266	106.80000	0.00958	106.78	0.0	-31.846E-6	636.92E-12
1	Grid	173.84928	1.72266	106.80000	0.01212	106.78	0.0	-30.789E-6	615.79E-12
1	Grid	175.84446	1.72266	106.80000	0.01435	106.78	0.0	-29.779E-6	595.58E-12
1	Grid	177.83964	1.72266	106.80000	0.01624	106.78	0.0	-28.812E-6	576.25E-12
1	Grid	179.83482	1.72266	106.80000	0.01788	106.78	0.0	-27.887E-6	557.74E-12
1	Grid	181.83000	1.72266	106.80000	0.01929	106.78	0.0	-27.001E-6	540.02E-12
1	Grid	-95.50000	3.59741	106.80000	-0.00124	106.78	-25.001E-12	-246.21E-6	4.9243E-9
1	Grid	-93.49518	3.59741	106.80000	-0.00052	106.78	-28.072E-12	-263.65E-6	4.2731E-9
1	Grid	-91.50964	3.59741	106.80000	-0.00976	106.78	-31.613E-12	-282.79E-6	3.6558E-9
1	Grid	-89.51446	3.59741	106.80000	-0.01500	106.78	-35.700E-12	-303.84E-6	3.0768E-9
1	Grid	-87.51928	3.59741	106.80000	-0.02102	106.78	-40.452E-12	-327.04E-6	2.5408E-9
1	Grid	-85.52410	3.59741	106.80000	-0.02792	106.78	-45.999E-12	-352.69E-6	2.0537E-9
1	Grid	-83.52892	3.59741	106.80000	-0.03583	106.78	-52.464E-12	-381.11E-6	1.6221E-9
1	Grid	-81.53374	3.59741	106.80000	-0.04490	106.78	-60.078E-12	-412.69E-6	1.2538E-9
1	Grid	-79.53856	3.59741	106.80000	-0.05529	106.78	-69.072E-12	-447.89E-6	8.9578E-9
1	Grid	-77.54338	3.59741	106.80000	-0.06719	106.78	-79.750E-12	-487.25E-6	9.7450E-9
1	Grid	-75.54820	3.59741	106.80000	-0.08084	106.78	-92.494E-12	-531.41E-6	10.628E-9
1	Grid	-73.55302	3.59741	106.80000	-0.09650	106.78	-107.798E-12	-581.22E-6	11.622E-9
1	Grid	-71.55784	3.59741	106.80000	-0.11445	106.78	-126.27E-12	-637.31E-6	12.746E-9
1	Grid	-69.56266	3.59741	106.80000	-0.13507	106.78	-148.73E-12	-701.07E-6	14.021E-9
1	Grid	-67.56748	3.59741	106.80000	-0.15876	106.78	-176.24E-12	-773.75E-6	15.475E-9
1	Grid	-65.57230	3.59741	106.80000	-0.18601	106.78	-210.18E-12	-856.96E-6	17.139E-9
1	Grid	-63.57712	3.59741	106.80000	-0.21740	106.78	-252.42E-12	-952.75E-6	19.055E-9
1	Grid	-61.58194	3.59741	106.80000	-0.25361	106.78	-305.45E-12	-0.0010636	21.272E-9
1	Grid	-59.58676	3.59741	106.80000	-0.29544	106.78	-372.71E-12	-0.0011926	23.853E-9
1	Grid	-57.59158	3.59741	106.80000	-0.34386	106.78	-458.92E-12	-0.0013438	26.877E-9
1	Grid	-55.59640	3.59741	106.80000	-0.40005	106.78	-570.78E-12	-0.0015223	30.446E-9
1	Grid	-53.60122	3.59741	106.80000	-0.46540	106.78	-717.85E-12	-0.0017346	34.693E-9
1	Grid	-51.60604	3.59741	106.80000	-0.54164	106.78	-914.07E-12	-0.0019892	39.784E-9
1	Grid	-49.61086	3.59741	106.80000	-0.63088	106.78	-1.1803E-9	-0.0022978	45.955E-9
1	Grid	-47.61568	3.59741	106.80000	-0.73576	106.78	-1.5482E-9	-0.0026756	53.512E-9
1	Grid	-45.62050	3.59741	106.80000	-0.85955	106.78	-2.0677E-9	-0.0031441	62.881E-9
1	Grid	-43.62532	3.59741	106.80000	-1.00647	106.78	-2.8194E-9	-0.0037914	74.660E-9
1	Grid	-41.63014	3.59741	106.80000	-1.18193	106.78	-3.9384E-9	-0.0044855	89.709E-9
1	Grid	-39.63496	3.59741	106.80000	-1.39306	106.78	-5.6607E-9	-0.0054651	109.30E-9
1	Grid	-37.63978	3.59741	106.80000	-1.64943	106.78	-8.4197E-9	-0.0067691	135.38E-9
1	Grid	-35.64460	3.59741	106.80000	-1.96430	106.78	-13.059E-9	-0.0085519	171.04E-9
1	Grid	-33.64942	3.59741	106.80000	-2.35062	106.78	-21.343E-9	-0.0107009	221.41E-9
1	Grid	-31.65424	3.59741	106.80000	-2.85473	106.78	-37.330E-9	-0.014780	295.60E-9
1	Grid	-29.65906	3.59741	106.80000	-3.50367	106.78	-71.546E-9	-0.020549	410.98E-9
1	Grid	-27.66388	3.59741	106.80000	-4.38158	106.78	-156.41E-9	-0.030228	604.54E-9
1	Grid	-25.66871	3.59741	106.80000	-5.64489	106.78	-421.41E-9	-0.048434	968.63E-9
1	Grid	-23.67353	3.59741	106.80000	-7.71587	106.78	-1.6689E-8	-0.07470	1.8061E-8
1	Grid	-21.67835	3.59741	106.80000	-13.05695	106.78	-20.152E-8	-0.24788	4.9551E-8
1	Grid	-19.68317	3.59741	106.80000	-19.73763	106.78	-23.999	-56.454	-0.0017508
1	Grid	-17.68799	3.59741	106.80000	-23.08387	106.78	-24.000	-57.358	-0.0017328
1	Grid	-15.69281	3.59741	106.80000	-24.62692	106.78	-24.000	-57.440	-0.0017312
1	Grid	-13.69763	3.59741	106.80000	-25.59004	106.78	-24.000	-57.470	-0.0017306
1	Grid	-11.70245	3.59741	106.80000	-26.24795	106.78	-24.000	-57.484	-0.0017303
1	Grid	-9.70727	3.59741	106.80000	-26.70170	106.78	-24.000	-57.493	-0.0017301
1	Grid	-7.71209	3.59741	106.80000	-26.99549	106.78	-24.000	-57.497	-0.0017301
1	Grid	-5.71691	3.59741	106.80000	-27.14865	106.78	-24.000	-57.499	-0.0017300
1	Grid	-3.72173	3.59741	106.80000	-27.16571	106.78	-24.000	-57.499	-0.0017301
1	Grid	-1.72655	3.59741	106.80000	-27.04404	106.78	-24.000	-57.495	-0.0017301
1	Grid	0.26863	3.59741	106.80000	-26.76119	106.78	-24.000	-57.487	-0.0017303
1	Grid	2.26381	3.59741	106.80000	-26.27456	106.78	-24.000	-57.470	-0.0017306
1	Grid	4.25899	3.59741	106.80000	-25.48207	106.78	-24.000	-57.434	-0.0017313
1	Grid	6.25417	3.59741	106.80000	-24.07221	106.78	-24.000	-57.319	-0.0017336
1	Grid	8.24935	3.59741	106.80000	-19.73499	106.78	-0.86589	-10.334	102.78E-6
1	Grid	10.24453	3.59741	106.80000	-15.55783	106.78	-9.3857E-6	-0.18688	3.7365E-6
1	Grid	12.23971	3.59741	106.80000	-12.93312	106.78	-1.1720E-6	-0.079151	1.5829E-6
1	Grid	14.23489	3.59741	106.80000	-8.13210	106.78	-333.04E-9	-0.044906	898.09E-9
1	Grid	16.23007	3.59741	106.80000	-4.02781	106.78	-132.46E-9	-0.028951	579.00E-9
1	Grid	18.22525	3.59741	106.80000	-4.78885	106.78	-63.450E-9	-0.020111	402.22E-9
1	Grid	20.22043	3.59741	106.80000	-3.92724	106.78	-34.251E-9	-0.014688	293.75E-9
1	Grid	22.21561	3.59741	106.80000	-3.28629	106.78	-20.104E-9	-0.011125	222.49E-9
1	Grid	24.21079	3.59741	106.80000	-2.79036	106.78	-12.559E-9	-0.0086647	173.29E-9
1	Grid	26.20597	3.59741	106.80000	-2.39571	106.78	-8.2335E-9	-0.0069004	138.01E-9
1	Grid	28.20115	3.59741	106.80000	-2.07918	106.78	-5.6103E-9	-0.0055964	111.93E-9
1	Grid	30.19633	3.59741	106.80000	-1.82091	106.78	-3.9457E-9	-0.0046086	92.172E-9
1	Grid	32.19151	3.59741	106.80000	-1.61057	106.78	-2.8495E-9	-0.0038449	76.898E-9
1	Grid	34.18669	3.59741	106.80000	-1.44022	106.78	-2.1046E-9	-0.0032440	64.881E-9
1	Grid	36.18187	3.59741	106.80000	-1.30405	106.78	-1.5848E-9	-0.0027404	55.282E-9
1	Grid	38.17705	3.59741	106.80000	-1.19789	106.78	-1.2137E-9	-0.0023758	47.515E-9
1	Grid	40.17223	3.59741	106.80000	-1.11840	106.78	-943.43E-12	-0.0020578	41.156E-9
1	Grid	42.16741	3.59741	106.80000	-1.06331	106.78	-743.08E-12	-0.0017949	35.897E-9
1	Grid	44.16259							

Highgate Junior School Sports Hall Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	106.01317	3.59741	106.80000	-1.99883	106.78	-8.4446E-12	-129.63E-6	2.5925E-9
1	Grid	108.00835	3.59741	106.80000	-1.67534	106.78	-7.7165E-12	-122.83E-6	2.4566E-9
1	Grid	110.00353	3.59741	106.80000	-1.41441	106.78	-7.0604E-12	-116.50E-6	2.3300E-9
1	Grid	111.99871	3.59741	106.80000	-1.20097	106.78	-6.4695E-12	-110.60E-6	2.2120E-9
1	Grid	113.99388	3.59741	106.80000	-1.02438	106.78	-5.9373E-12	-105.09E-6	2.1019E-9
1	Grid	115.98906	3.59741	106.80000	-0.87691	106.78	-5.4550E-12	-99.94E-6	1.9989E-9
1	Grid	117.98424	3.59741	106.80000	-0.75280	106.78	-5.0220E-12	-95.130E-6	1.9026E-9
1	Grid	119.97942	3.59741	106.80000	-0.64766	106.78	-4.6316E-12	-90.619E-6	1.8124E-9
1	Grid	121.97460	3.59741	106.80000	-0.55811	106.78	-4.2739E-12	-86.390E-6	1.7278E-9
1	Grid	123.96978	3.59741	106.80000	-0.48148	106.78	-3.9502E-12	-82.420E-6	1.6484E-9
1	Grid	125.96496	3.59741	106.80000	-0.41563	106.78	-3.6557E-12	-78.690E-6	1.5738E-9
1	Grid	127.96014	3.59741	106.80000	-0.35885	106.78	-3.3853E-12	-75.182E-6	1.5036E-9
1	Grid	129.95532	3.59741	106.80000	-0.30974	106.78	-3.1395E-12	-71.880E-6	1.4376E-9
1	Grid	131.95050	3.59741	106.80000	-0.26715	106.78	-2.9150E-12	-68.769E-6	1.3754E-9
1	Grid	133.94568	3.59741	106.80000	-0.23013	106.78	-2.7065E-12	-65.835E-6	1.3167E-9
1	Grid	135.94086	3.59741	106.80000	-0.19789	106.78	-2.5200E-12	-63.066E-6	1.2613E-9
1	Grid	137.93604	3.59741	106.80000	-0.16975	106.78	-2.3468E-12	-60.450E-6	1.2090E-9
1	Grid	139.93122	3.59741	106.80000	-0.14517	106.78	-2.1882E-12	-57.977E-6	1.1595E-9
1	Grid	141.92640	3.59741	106.80000	-0.12365	106.78	-2.0444E-12	-55.638E-6	1.1128E-9
1	Grid	143.92158	3.59741	106.80000	-0.10480	106.78	-1.9091E-12	-53.422E-6	1.0684E-9
1	Grid	145.91676	3.59741	106.80000	-0.08927	106.78	-1.7872E-12	-51.323E-6	1.0265E-9
1	Grid	147.91194	3.59741	106.80000	-0.07376	106.78	-1.6713E-12	-49.333E-6	986.66E-12
1	Grid	149.90712	3.59741	106.80000	-0.06102	106.78	-1.5647E-12	-47.444E-6	948.88E-12
1	Grid	151.90230	3.59741	106.80000	-0.04982	106.78	-1.4688E-12	-45.651E-6	913.02E-12
1	Grid	153.89748	3.59741	106.80000	-0.03998	106.78	-1.3776E-12	-43.947E-6	878.94E-12
1	Grid	155.89266	3.59741	106.80000	-0.03134	106.78	-1.2930E-12	-42.327E-6	846.54E-12
1	Grid	157.88784	3.59741	106.80000	-0.02373	106.78	-1.2170E-12	-40.785E-6	815.71E-12
1	Grid	159.88302	3.59741	106.80000	-0.01705	106.78	-1.1424E-12	-39.318E-6	786.36E-12
1	Grid	161.87820	3.59741	106.80000	-0.01118	106.78	-1.0778E-12	-37.920E-6	758.41E-12
1	Grid	163.87338	3.59741	106.80000	-0.00603	106.78	-1.0152E-12	-36.588E-6	731.77E-12
1	Grid	165.86856	3.59741	106.80000	-0.00152	106.78	0.035318E-6	-36.066E-6	706.36E-12
1	Grid	167.86374	3.59741	106.80000	0.00244	106.78	0.0	-34.106E-6	682.11E-12
1	Grid	169.85892	3.59741	106.80000	0.00590	106.78	0.0	-32.948E-6	658.97E-12
1	Grid	171.85410	3.59741	106.80000	0.00892	106.78	0.0	-31.843E-6	636.86E-12
1	Grid	173.84928	3.59741	106.80000	0.01155	106.78	0.0	-30.786E-6	615.72E-12
1	Grid	175.84446	3.59741	106.80000	0.01384	106.78	0.0	-29.776E-6	595.52E-12
1	Grid	177.83964	3.59741	106.80000	0.01582	106.78	0.0	-28.809E-6	576.19E-12
1	Grid	179.83482	3.59741	106.80000	0.01752	106.78	0.0	-27.884E-6	557.69E-12
1	Grid	181.83000	3.59741	106.80000	0.01899	106.78	0.0	-26.999E-6	539.97E-12
1	Grid	183.82518	3.59741	106.80000	-0.00093	106.78	-24.968E-12	-245.96E-6	4.9192E-9
1	Grid	185.82036	3.59741	106.80000	-0.00685	106.78	-28.036E-12	-263.37E-6	4.2674E-9
1	Grid	187.81554	3.59741	106.80000	-0.00936	106.78	-31.569E-12	-282.48E-6	3.6496E-9
1	Grid	189.81072	3.59741	106.80000	-0.01454	106.78	-35.657E-12	-303.49E-6	3.0699E-9
1	Grid	191.80590	3.59741	106.80000	-0.02049	106.78	-40.398E-12	-326.66E-6	2.5332E-9
1	Grid	193.80108	3.59741	106.80000	-0.02731	106.78	-45.928E-12	-352.26E-6	2.0453E-9
1	Grid	195.79626	3.59741	106.80000	-0.03513	106.78	-52.339E-12	-380.64E-6	1.6123E-9
1	Grid	197.79144	3.59741	106.80000	-0.04408	106.78	-60.000E-12	-412.17E-6	1.2434E-9
1	Grid	199.78662	3.59741	106.80000	-0.05434	106.78	-68.985E-12	-447.31E-6	8.9462E-9
1	Grid	201.78180	3.59741	106.80000	-0.06610	106.78	-79.651E-12	-486.61E-6	9.7321E-9
1	Grid	203.77698	3.59741	106.80000	-0.07957	106.78	-92.380E-12	-530.69E-6	10.614E-9
1	Grid	205.77216	3.59741	106.80000	-0.09402	106.78	-107.66E-12	-580.93E-6	11.606E-9
1	Grid	207.76734	3.59741	106.80000	-0.11271	106.78	-126.13E-12	-636.42E-6	12.728E-9
1	Grid	209.76252	3.59741	106.80000	-0.13303	106.78	-148.59E-12	-700.08E-6	14.002E-9
1	Grid	211.75770	3.59741	106.80000	-0.15636	106.78	-176.09E-12	-772.64E-6	15.453E-9
1	Grid	213.75288	3.59741	106.80000	-0.18319	106.78	-210.03E-12	-855.73E-6	17.115E-9
1	Grid	215.74806	3.59741	106.80000	-0.21406	106.78	-252.29E-12	-951.39E-6	18.929E-9
1	Grid	217.74324	3.59741	106.80000	-0.24965	106.78	-305.37E-12	-0.0010621	21.242E-9
1	Grid	219.73842	3.59741	106.80000	-0.29074	106.78	-372.71E-12	-0.0011910	23.820E-9
1	Grid	221.73360	3.59741	106.80000	-0.33827	106.78	-459.10E-12	-0.0013421	26.841E-9
1	Grid	223.72878	3.59741	106.80000	-0.39336	106.78	-571.26E-12	-0.0015204	30.408E-9
1	Grid	225.72396	3.59741	106.80000	-0.45737	106.78	-718.84E-12	-0.0017321	34.652E-9
1	Grid	227.71914	3.59741	106.80000	-0.53198	106.78	-915.96E-12	-0.0019873	39.747E-9
1	Grid	229.71432	3.59741	106.80000	-0.61922	106.78	-1.1837E-9	-0.0022961	45.922E-9
1	Grid	231.70950	3.59741	106.80000	-0.72162	106.78	-1.5543E-9	-0.0026745	53.490E-9
1	Grid	233.70468	3.59741	106.80000	-0.84236	106.78	-2.0784E-9	-0.0031441	62.881E-9
1	Grid	235.69986	3.59741	106.80000	-0.98549	106.78	-2.8392E-9	-0.0037450	74.701E-9
1	Grid	237.69504	3.59741	106.80000	-1.15624	106.78	-3.9717E-9	-0.0044911	89.822E-9
1	Grid	239.69022	3.59741	106.80000	-1.36150	106.78	-5.7205E-9	-0.0054770	109.54E-9
1	Grid	241.68540	3.59741	106.80000	-1.61059	106.78	-8.5291E-9	-0.0067919	135.84E-9
1	Grid	243.68058	3.59741	106.80000	-1.91642	106.78	-13.263E-9	-0.0085935	171.87E-9
1	Grid	245.67576	3.59741	106.80000	-2.29760	106.78	-21.735E-9	-0.011145	222.80E-9
1	Grid	247.67094	3.59741	106.80000	-2.78216	106.78	-38.100E-9	-0.014912	298.23E-9
1	Grid	249.66612	3.59741	106.80000	-3.41495	106.78	-73.093E-9	-0.020782	415.62E-9
1	Grid	251.66130	3.59741	106.80000	-4.27428	106.78	-159.56E-9	-0.030634	612.67E-9
1	Grid	253.65648	3.59741	106.80000	-5.51742	106.78	-427.80E-9	-0.049133	982.61E-9
1	Grid	255.65166	3.59741	106.80000	-7.56840	106.78	-1.6393E-8	-0.14170	1.8292E-8
1	Grid	257.64684	3.59741	106.80000	-12.89215	106.78	-20.174E-6	-0.24966	4.9907E-6
1	Grid	259.64202	3.59741	106.80000	-19.56007	106.78	-23.999	-56.457	-0.0017507
1	Grid	261.63720	3.59741	106.80000	-22.89825	106.78	-24.000	-57.361	-0.0017328
1	Grid	263.63238	3.59741	106.80000	-24.43629	106.78	-24.000	-57.444	-0.0017311
1	Grid	265.62756	3.59741	106.80000	-25.39515	106.78	-24.000	-57.479	-0.0017305
1	Grid	267.62274	3.59741	106.80000	-26.04766	106.78	-24.000	-57.487	-0.0017303
1	Grid	269.61792	3.59741	106.80000	-26.49462	106.78	-24.000	-57.495	-0.0017301
1	Grid	271.61310	3.59741	106.80000	-26.78164	106.78	-24.000	-57.499	-0.0017300
1	Grid	273.60828	3.59741	106.80000	-26.93007	106.78	-24.000	-57.500	-0.0017300
1	Grid	275.60346	3.59741	106.80000	-26.94697	106.78	-24.000	-57.501	-0.0017300
1	Grid	277.59864	3.59741	106.80000	-26.82745	106.78	-24.000	-57.495	-0.0017301
1	Grid	279.59382	3.59741	106.80000	-26.55202	106.78	-24.000	-57.487	-0.0017303
1	Grid	281.58900	3.59741	106.80000	-26.07613	106.78	-24.000	-57.471	-0.0017306
1	Grid	283.58418	3.59741	106.80000	-25.29582	106.78	-24.000	-57.436	-0.0017313
1	Grid	285.57936	3.59741	106.80000	-23.89730	106.78	-24.000	-57.321	-0.0017336
1	Grid	287.57454	3.59741	106.80000	-19.56938	106.78	-0.86589	-10.335	102.80E-6
1	Grid	289.56972	3.59741	106.80000	-15.39996	106.78	-9.4000E-6	-0.18762	3.7512E-6
1	Grid	291.56490	3.59741	106.80000	-12.78281	106.78	-1.1797E-6	-0.079571	1.5913E-6
1	Grid	293.56008	3.59741	106.80000	-7.99005	106.78	-336.72E-9	-0.045101	901.98E-9
1	Grid	295.55526	3.59741	106.80000	-5.89494	106.78	-134.11E-9	-0.03016	580.30E-9
1	Grid	297.55044	3.59741	106.80000	-4.66595	106.78	-64.157E-9	-0.020111	402.21E-9
1	Grid	299.54562	3.59741	106.80000	-3.81507	106.78	-34.539E-9	-0.014660	293.19E-9
1	Grid	301.54080	3.59741	10					

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.	
						3244			
							Drg. Ref.		
							Made by AC	Date	Checked
Ref.	Name	x	y	z	δz	Stress: Calc. Level [MOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[MOD]	[mm]				
1	Grid	86.06137	5.47216	106.80000	-19.46081	106.78	-23.151E-12	-235.88E-6	4.7175E-9
1	Grid	88.05655	5.47216	106.80000	-18.93090	106.78	-20.721E-12	-220.87E-6	4.4174E-9
1	Grid	90.05173	5.47216	106.80000	-17.75836	106.78	-18.590E-12	-207.11E-6	4.1422E-9
1	Grid	92.04691	5.47216	106.80000	-15.33281	106.78	-16.719E-12	-194.48E-6	3.8895E-9
1	Grid	94.04209	5.47216	106.80000	-8.99777	106.78	-15.071E-12	-182.85E-6	3.6570E-9
1	Grid	96.03727	5.47216	106.80000	-6.27557	106.78	-13.612E-12	-172.14E-6	3.4427E-9
1	Grid	98.03245	5.47216	106.80000	-4.77168	106.78	-12.322E-12	-162.25E-6	3.2449E-9
1	Grid	100.02763	5.47216	106.80000	-3.76662	106.78	-11.175E-12	-153.10E-6	3.0620E-9
1	Grid	102.02281	5.47216	106.80000	-3.04214	106.78	-10.152E-12	-144.63E-6	2.8926E-9
1	Grid	104.01799	5.47216	106.80000	-2.49643	106.78	-9.2453E-12	-136.78E-6	2.7355E-9
1	Grid	106.01317	5.47216	106.80000	-2.07292	106.78	-8.4319E-12	-129.48E-6	2.5896E-9
1	Grid	108.00835	5.47216	106.80000	-1.73691	106.78	-7.6998E-12	-122.70E-6	2.4539E-9
1	Grid	110.00353	5.47216	106.80000	-1.46575	106.78	-7.0484E-12	-116.38E-6	2.3276E-9
1	Grid	111.99871	5.47216	106.80000	-1.24395	106.78	-6.4562E-12	-110.49E-6	2.2098E-9
1	Grid	113.99388	5.47216	106.80000	-1.06051	106.78	-5.9279E-12	-104.99E-6	2.0998E-9
1	Grid	115.98906	5.47216	106.80000	-0.90741	106.78	-5.4496E-12	-99.851E-6	1.9970E-9
1	Grid	117.98424	5.47216	106.80000	-0.77866	106.78	-5.0147E-12	-95.043E-6	1.9009E-9
1	Grid	119.97942	5.47216	106.80000	-0.66968	106.78	-4.6223E-12	-90.539E-6	1.8108E-9
1	Grid	121.97460	5.47216	106.80000	-0.57692	106.78	-4.2693E-12	-86.315E-6	1.7263E-9
1	Grid	123.96978	5.47216	106.80000	-0.49761	106.78	-3.9435E-12	-82.351E-6	1.6470E-9
1	Grid	125.96496	5.47216	106.80000	-0.42952	106.78	-3.6491E-12	-78.626E-6	1.5725E-9
1	Grid	127.96014	5.47216	106.80000	-0.37084	106.78	-3.3806E-12	-75.123E-6	1.5025E-9
1	Grid	129.95532	5.47216	106.80000	-0.32013	106.78	-3.1335E-12	-71.825E-6	1.4365E-9
1	Grid	131.95050	5.47216	106.80000	-0.27617	106.78	-2.9110E-12	-68.718E-6	1.3744E-9
1	Grid	133.94568	5.47216	106.80000	-0.23799	106.78	-2.7058E-12	-65.788E-6	1.3158E-9
1	Grid	135.94086	5.47216	106.80000	-0.20474	106.78	-2.5200E-12	-63.022E-6	1.2604E-9
1	Grid	137.93604	5.47216	106.80000	-0.17575	106.78	-2.3455E-12	-60.409E-6	1.2082E-9
1	Grid	139.93122	5.47216	106.80000	-0.15041	106.78	-2.1869E-12	-57.939E-6	1.1588E-9
1	Grid	141.92640	5.47216	106.80000	-0.12825	106.78	-2.0410E-12	-55.602E-6	1.1120E-9
1	Grid	143.92158	5.47216	106.80000	-0.10884	106.78	-1.9058E-12	-53.389E-6	1.0678E-9
1	Grid	145.91676	5.47216	106.80000	-0.09182	106.78	-1.7832E-12	-51.292E-6	1.0258E-9
1	Grid	147.91194	5.47216	106.80000	-0.07689	106.78	-1.6693E-12	-49.304E-6	986.07E-12
1	Grid	149.90712	5.47216	106.80000	-0.06377	106.78	-1.5641E-12	-47.417E-6	948.34E-12
1	Grid	151.90230	5.47216	106.80000	-0.05225	106.78	-1.4682E-12	-45.625E-6	912.50E-12
1	Grid	153.89748	5.47216	106.80000	-0.04212	106.78	-1.3762E-12	-43.923E-6	878.46E-12
1	Grid	155.89266	5.47216	106.80000	-0.03321	106.78	-1.2923E-12	-42.304E-6	846.08E-12
1	Grid	157.88784	5.47216	106.80000	-0.02539	106.78	-1.2150E-12	-40.764E-6	815.28E-12
1	Grid	159.88302	5.47216	106.80000	-0.01851	106.78	-1.1418E-12	-39.298E-6	785.96E-12
1	Grid	161.87820	5.47216	106.80000	-0.01246	106.78	-1.0751E-12	-37.902E-6	758.03E-12
1	Grid	163.87338	5.47216	106.80000	-0.00716	106.78	-1.0125E-12	-36.570E-6	731.41E-12
1	Grid	165.86856	5.47216	106.80000	-0.00250	106.78	0.0	-35.301E-6	706.02E-12
1	Grid	167.86374	5.47216	106.80000	0.00158	106.78	0.0	-34.090E-6	681.80E-12
1	Grid	169.85892	5.47216	106.80000	0.00515	106.78	0.0	-32.933E-6	658.67E-12
1	Grid	171.85410	5.47216	106.80000	0.00827	106.78	0.0	-31.829E-6	636.57E-12
1	Grid	173.84928	5.47216	106.80000	0.01098	106.78	0.0	-30.773E-6	615.46E-12
1	Grid	175.84446	5.47216	106.80000	0.01335	106.78	0.0	-29.763E-6	595.27E-12
1	Grid	177.83964	5.47216	106.80000	0.01539	106.78	0.0	-28.798E-6	575.95E-12
1	Grid	179.83482	5.47216	106.80000	0.01616	106.78	0.0	-27.873E-6	557.46E-12
1	Grid	181.83000	5.47216	106.80000	0.01868	106.78	0.0	-26.988E-6	539.76E-12
1	Grid	-95.50000	7.34691	106.80000	-0.00055	106.78	-24.885E-12	-245.38E-6	4.9076E-9
1	Grid	-93.50482	7.34691	106.80000	-0.00442	106.78	-27.935E-12	-262.73E-6	5.2546E-9
1	Grid	-91.50964	7.34691	106.80000	-0.00886	106.78	-31.454E-12	-281.77E-6	5.6353E-9
1	Grid	-89.51446	7.34691	106.80000	-0.01397	106.78	-35.518E-12	-302.70E-6	6.0539E-9
1	Grid	-87.51928	7.34691	106.80000	-0.01983	106.78	-40.239E-12	-325.77E-6	6.5154E-9
1	Grid	-85.52410	7.34691	106.80000	-0.02655	106.78	-45.736E-12	-351.26E-6	7.0252E-9
1	Grid	-83.52892	7.34691	106.80000	-0.03425	106.78	-52.173E-12	-379.51E-6	7.5902E-9
1	Grid	-81.53374	7.34691	106.80000	-0.04307	106.78	-59.734E-12	-410.89E-6	8.2179E-9
1	Grid	-79.53856	7.34691	106.80000	-0.05317	106.78	-68.670E-12	-445.87E-6	8.9174E-9
1	Grid	-77.54338	7.34691	106.80000	-0.06473	106.78	-79.275E-12	-484.97E-6	9.6994E-9
1	Grid	-75.54820	7.34691	106.80000	-0.07797	106.78	-91.927E-12	-528.83E-6	10.576E-9
1	Grid	-73.55302	7.34691	106.80000	-0.09314	106.78	-107.12E-12	-578.19E-6	11.564E-9
1	Grid	-71.55784	7.34691	106.80000	-0.11053	106.78	-125.46E-12	-633.98E-6	12.679E-9
1	Grid	-69.56266	7.34691	106.80000	-0.13047	106.78	-147.77E-12	-697.27E-6	13.945E-9
1	Grid	-67.56748	7.34691	106.80000	-0.15335	106.78	-175.09E-12	-769.39E-6	15.388E-9
1	Grid	-65.57230	7.34691	106.80000	-0.17964	106.78	-208.81E-12	-851.96E-6	17.039E-9
1	Grid	-63.57712	7.34691	106.80000	-0.20988	106.78	-250.77E-12	-946.99E-6	18.940E-9
1	Grid	-61.58194	7.34691	106.80000	-0.24469	106.78	-303.47E-12	-0.0010569	21.139E-9
1	Grid	-59.58676	7.34691	106.80000	-0.28485	106.78	-370.32E-12	-0.0011849	23.699E-9
1	Grid	-57.59158	7.34691	106.80000	-0.33125	106.78	-456.07E-12	-0.0013349	26.698E-9
1	Grid	-55.59640	7.34691	106.80000	-0.38498	106.78	-567.39E-12	-0.0015119	30.238E-9
1	Grid	-53.60122	7.34691	106.80000	-0.44734	106.78	-713.86E-12	-0.0017225	34.449E-9
1	Grid	-51.60604	7.34691	106.80000	-0.51992	106.78	-909.50E-12	-0.0019752	39.503E-9
1	Grid	-49.61086	7.34691	106.80000	-0.60467	106.78	-1.1752E-9	-0.0022814	45.627E-9
1	Grid	-47.61568	7.34691	106.80000	-0.70400	106.78	-1.5430E-9	-0.0026566	53.131E-9
1	Grid	-45.62050	7.34691	106.80000	-0.82094	106.78	-2.0633E-9	-0.0031220	62.444E-9
1	Grid	-43.62532	7.34691	106.80000	-0.95934	106.78	-2.8178E-9	-0.0037078	74.156E-9
1	Grid	-41.63014	7.34691	106.80000	-1.12418	106.78	-3.9437E-9	-0.0044572	89.144E-9
1	Grid	-39.63496	7.34691	106.80000	-1.32202	106.78	-5.6815E-9	-0.0054344	108.69E-9
1	Grid	-37.63978	7.34691	106.80000	-1.56174	106.78	-8.4739E-9	-0.0067378	134.75E-9
1	Grid	-35.64460	7.34691	106.80000	-1.85570	106.78	-13.184E-9	-0.0085242	170.48E-9
1	Grid	-33.64942	7.34691	106.80000	-2.22174	106.78	-21.619E-9	-0.010555	221.10E-9
1	Grid	-31.65424	7.34691	106.80000	-2.68694	106.78	-37.925E-9	-0.014794	295.88E-9
1	Grid	-29.65906	7.34691	106.80000	-3.29496	106.78	-72.824E-9	-0.020626	412.51E-9
1	Grid	-27.66388	7.34691	106.80000	-4.12282	106.78	-159.13E-9	-0.030426	608.49E-9
1	Grid	-25.66871	7.34691	106.80000	-5.32705	106.78	-427.11E-9	-0.048850	976.95E-9
1	Grid	-23.67353	7.34691	106.80000	-7.33285	106.78	-1.6962E-6	-0.091083	1.8215E-6
1	Grid	-21.67835	7.34691	106.80000	-12.60990	106.78	-20.173E-6	-0.24913	9.8011E-6

Highgate Junior School Sports Hall Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	66.10957	7.34691	106.80000	-2.79315	106.78	-82.2995E-12	-498.635E-6	9.9725E-9
1	Grid	68.10475	7.34691	106.80000	-3.35929	106.78	-71.298E-12	-458.28E-6	9.1657E-9
1	Grid	70.09993	7.34691	106.80000	-4.12008	106.78	-62.025E-12	-422.20E-6	8.4439E-9
1	Grid	72.09511	7.34691	106.80000	-5.18840	106.78	-54.168E-12	-389.82E-6	7.7963E-9
1	Grid	74.09029	7.34691	106.80000	-6.81715	106.78	-47.483E-12	-360.68E-6	7.2136E-9
1	Grid	76.08547	7.34691	106.80000	-9.97124	106.78	-41.769E-12	-334.38E-6	6.6877E-9
1	Grid	78.08065	7.34691	106.80000	-16.11152	106.78	-36.861E-12	-310.59E-6	6.2119E-9
1	Grid	80.07583	7.34691	106.80000	-18.23816	106.78	-32.636E-12	-289.02E-6	5.7803E-9
1	Grid	82.07101	7.34691	106.80000	-19.28375	106.78	-28.977E-12	-269.40E-6	5.3879E-9
1	Grid	84.06619	7.34691	106.80000	-19.72186	106.78	-25.804E-12	-251.52E-6	5.0304E-9
1	Grid	86.06137	7.34691	106.80000	-19.67707	106.78	-23.040E-12	-235.19E-6	4.7039E-9
1	Grid	88.05655	7.34691	106.80000	-19.14180	106.78	-20.624E-12	-220.26E-6	4.4051E-9
1	Grid	90.05173	7.34691	106.80000	-17.95843	106.78	-18.509E-12	-206.56E-6	4.1312E-9
1	Grid	92.04691	7.34691	106.80000	-15.51992	106.78	-16.649E-12	-193.98E-6	3.8796E-9
1	Grid	94.04209	7.34691	106.80000	-9.16659	106.78	-15.009E-12	-182.40E-6	3.6480E-9
1	Grid	96.03727	7.34691	106.80000	-6.42075	106.78	-13.559E-12	-171.73E-6	3.4346E-9
1	Grid	98.03245	7.34691	106.80000	-4.89610	106.78	-12.277E-12	-161.88E-6	3.2375E-9
1	Grid	100.02763	7.34691	106.80000	-3.87226	106.78	-11.136E-12	-152.76E-6	3.0553E-9
1	Grid	102.02281	7.34691	106.80000	-3.13124	106.78	-10.119E-12	-144.32E-6	2.8865E-9
1	Grid	104.01799	7.34691	106.80000	-2.57130	106.78	-9.2140E-12	-136.50E-6	2.7299E-9
1	Grid	106.01317	7.34691	106.80000	-2.13576	106.78	-8.4033E-12	-129.23E-6	2.5845E-9
1	Grid	108.00835	7.34691	106.80000	-1.78969	106.78	-7.6785E-12	-122.46E-6	2.4493E-9
1	Grid	110.00353	7.34691	106.80000	-1.51018	106.78	-7.0270E-12	-116.17E-6	2.3233E-9
1	Grid	111.99871	7.34691	106.80000	-1.28145	106.78	-6.4382E-12	-110.29E-6	2.2059E-9
1	Grid	113.99388	7.34691	106.80000	-1.09226	106.78	-5.9113E-12	-104.81E-6	2.0962E-9
1	Grid	115.98906	7.34691	106.80000	-0.84496	106.78	-5.4357E-12	-99.68E-6	1.9937E-9
1	Grid	117.98424	7.34691	106.80000	-0.80168	106.78	-5.0013E-12	-94.890E-6	1.8978E-9
1	Grid	119.97942	7.34691	106.80000	-0.68940	106.78	-4.6110E-12	-90.398E-6	1.8080E-9
1	Grid	121.97460	7.34691	106.80000	-0.59388	106.78	-4.2553E-12	-86.185E-6	1.7237E-9
1	Grid	123.96978	7.34691	106.80000	-0.51224	106.78	-3.9355E-12	-82.231E-6	1.6446E-9
1	Grid	125.96496	7.34691	106.80000	-0.44219	106.78	-3.6404E-12	-78.515E-6	1.5703E-9
1	Grid	127.96014	7.34691	106.80000	-0.38183	106.78	-3.3726E-12	-75.020E-6	1.5004E-9
1	Grid	129.95532	7.34691	106.80000	-0.32969	106.78	-3.1288E-12	-71.729E-6	1.4346E-9
1	Grid	131.95050	7.34691	106.80000	-0.28452	106.78	-2.9050E-12	-68.629E-6	1.3726E-9
1	Grid	133.94568	7.34691	106.80000	-0.24529	106.78	-2.6992E-12	-65.705E-6	1.3141E-9
1	Grid	135.94086	7.34691	106.80000	-0.21154	106.78	-2.5153E-12	-62.945E-6	1.2598E-9
1	Grid	137.93604	7.34691	106.80000	-0.18138	106.78	-2.3395E-12	-60.337E-6	1.2067E-9
1	Grid	139.93122	7.34691	106.80000	-0.15537	106.78	-2.1836E-12	-57.872E-6	1.1574E-9
1	Grid	141.92640	7.34691	106.80000	-0.13262	106.78	-2.0390E-12	-55.539E-6	1.1108E-9
1	Grid	143.92158	7.34691	106.80000	-0.11269	106.78	-1.9011E-12	-53.330E-6	1.0666E-9
1	Grid	145.91676	7.34691	106.80000	-0.09582	106.78	-1.7826E-12	-51.237E-6	1.0247E-9
1	Grid	147.91194	7.34691	106.80000	-0.07989	106.78	-1.6653E-12	-49.252E-6	985.04E-12
1	Grid	149.90712	7.34691	106.80000	-0.06643	106.78	-1.5621E-12	-47.369E-6	947.37E-12
1	Grid	151.90230	7.34691	106.80000	-0.05459	106.78	-1.4628E-12	-45.580E-6	911.60E-12
1	Grid	153.89748	7.34691	106.80000	-0.04419	106.78	-1.3722E-12	-43.880E-6	877.61E-12
1	Grid	155.89266	7.34691	106.80000	-0.03440	106.78	-1.2910E-12	-42.350E-6	845.29E-12
1	Grid	157.88784	7.34691	106.80000	-0.02701	106.78	-1.2130E-12	-40.727E-6	814.53E-12
1	Grid	159.88302	7.34691	106.80000	-0.01994	106.78	-1.1404E-12	-39.263E-6	785.26E-12
1	Grid	161.87820	7.34691	106.80000	-0.01372	106.78	-1.0731E-12	-37.868E-6	757.37E-12
1	Grid	163.87338	7.34691	106.80000	-0.00827	106.78	-1.0099E-12	-36.539E-6	730.78E-12
1	Grid	165.86856	7.34691	106.80000	-0.00348	106.78	-9.5272E-13	-35.272E-6	705.43E-12
1	Grid	167.86374	7.34691	106.80000	0.00072	106.78	0.0	-34.062E-6	681.24E-12
1	Grid	169.85892	7.34691	106.80000	0.00440	106.78	0.0	-32.907E-6	658.14E-12
1	Grid	171.85410	7.34691	106.80000	0.00761	106.78	0.0	-31.804E-6	636.08E-12
1	Grid	173.84928	7.34691	106.80000	0.01041	106.78	0.0	-30.750E-6	614.99E-12
1	Grid	175.84446	7.34691	106.80000	0.01340	106.78	0.0	-29.741E-6	594.82E-12
1	Grid	177.83964	7.34691	106.80000	0.01497	106.78	0.0	-28.777E-6	575.53E-12
1	Grid	179.83482	7.34691	106.80000	0.01679	106.78	0.0	-27.853E-6	557.06E-12
1	Grid	181.83000	7.34691	106.80000	0.01837	106.78	0.0	-26.969E-6	539.38E-12
1	Grid	-95.50000	9.22165	106.80000	-0.00011	106.78	-24.742E-12	-244.49E-6	4.8898E-9
1	Grid	-93.50482	9.22165	106.80000	-0.00091	106.78	-27.722E-12	-261.48E-6	4.2347E-9
1	Grid	-91.50964	9.22165	106.80000	-0.00828	106.78	-31.261E-12	-280.65E-6	5.6131E-9
1	Grid	-89.51446	9.22165	106.80000	-0.01330	106.78	-35.293E-12	-301.45E-6	6.0290E-9
1	Grid	-87.51928	9.22165	106.80000	-0.01906	106.78	-39.970E-12	-324.37E-6	6.4874E-9
1	Grid	-85.52410	9.22165	106.80000	-0.02565	106.78	-45.423E-12	-349.69E-6	6.9937E-9
1	Grid	-83.52892	9.22165	106.80000	-0.03321	106.78	-51.794E-12	-377.73E-6	7.5542E-9
1	Grid	-81.53374	9.22165	106.80000	-0.04186	106.78	-59.289E-12	-408.88E-6	8.1775E-9
1	Grid	-79.53856	9.22165	106.80000	-0.05176	106.78	-68.130E-12	-443.58E-6	8.8715E-9
1	Grid	-77.54338	9.22165	106.80000	-0.06310	106.78	-78.622E-12	-482.35E-6	9.6470E-9
1	Grid	-75.54820	9.22165	106.80000	-0.07607	106.78	-91.138E-12	-525.83E-6	10.517E-9
1	Grid	-73.55302	9.22165	106.80000	-0.09092	106.78	-106.158E-12	-574.75E-6	11.498E-9
1	Grid	-71.55784	9.22165	106.80000	-0.10793	106.78	-124.28E-12	-630.00E-6	12.600E-9
1	Grid	-69.56266	9.22165	106.80000	-0.12742	106.78	-146.31E-12	-692.66E-6	13.853E-9
1	Grid	-67.56748	9.22165	106.80000	-0.14977	106.78	-173.27E-12	-764.03E-6	15.281E-9
1	Grid	-65.57230	9.22165	106.80000	-0.17542	106.78	-206.53E-12	-845.69E-6	16.914E-9
1	Grid	-63.57712	9.22165	106.80000	-0.20489	106.78	-247.88E-12	-939.62E-6	18.792E-9
1	Grid	-61.58194	9.22165	106.80000	-0.23879	106.78	-299.78E-12	-0.0010482	20.964E-9
1	Grid	-59.58676	9.22165	106.80000	-0.27785	106.78	-365.57E-12	-0.0011746	23.491E-9
1	Grid	-57.59158	9.22165	106.80000	-0.32293	106.78	-449.89E-12	-0.0013225	26.450E-9
1	Grid	-55.59640	9.22165	106.80000	-0.37504	106.78	-559.25E-12	-0.0014969	29.939E-9
1	Grid	-53.60122	9.22165	106.80000	-0.43455	106.78	-703.01E-12	-0.0017043	34.085E-9
1	Grid	-51.60604	9.22165	106.80000	-0.50563	106.78	-894.80E-12	-0.0019528	39.057E-9
1	Grid	-49.61086	9.22165	106.80000	-0.58745	106.78	-1.1550E-9	-0.0022537	45.075E-9
1	Grid	-47.61568	9.22165	106.80000	-0.68316	106.78	-1.5147E-9	-0.0026220	52.440E-9
1	Grid	-45.62050	9.22165	106.80000	-0.79562	106.78	-2.0229E-9	-0.0030784	61.567E-9
1	Grid	-43.62532	9.22165	106.80000	-0.92165	106.78	-2.7587E-9	-0.0036163	73.036E-9
1	Grid	-41.63014	9.22165	106.80000	-1.08623	106.78	-3.8550E-9	-0.0043844	87.687E-9
1	Grid	-39.63496	9.22165	106.80000	-1.27518	106.78	-5.5446E-9	-0.0053381	106.76E-9
1	Grid	-37.63978	9.22165	106.80000	-1.50353	106.78	-8.2553E-9	-0.0066080	132.16E-9
1	Grid	-35.64460	9.22165	106.80000	-1.78280	106.78	-12.822E-9	-0.0083454	166.91E-9
1	Grid	-33.64942	9.22165	106.80000	-2.12863	106.78	-20.995E-9	-0.0108033	216.06E-9
1	Grid	-31.65424	9.22165	106.80000	-2.56933	106.78	-36.805E-9	-0.014430	288.59E-9
1	Grid	-29.65906	9.22165	106.80000	-3.14298	106.78	-70.734E-9	-0.020084	401.68E-9
1	Grid	-27.66388	9.22165	106.80000	-3.92393	106.78	-155.11E-9	-0.029603	592.04E-9
1	Grid	-25.66871	9.22165	106.80000	-5.06440	106.78	-419.28E-9	-0.047593	951.62E-9
1	Grid	-23.67353	9.22165	106.80000	-6.98776	106.78	-6.683E-9	-0.071648	1.1827E-6
1	Grid	-21.67835	9.22165	106.80000	-12.17221	106.78	-20.146E-6	-0.24626	4.9227E-6
1	Grid	-19.68317	9.22165	106.80000	-18.71779	106.78	-23.999	-56.452	

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term										Job No.	Sheet No.	Rev.		
										3244				
										Drg. Ref.				
										Made by AC	Date	Checked		
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain					
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]					
1	Grid	46.15777	9.22165	106.80000	-1.02934	106.78	-459.99E-12	-0.0013571	27.142E-9					
1	Grid	48.15295	9.22165	106.80000	-1.05574	106.78	-374.76E-12	-0.0012059	24.119E-9					
1	Grid	50.14813	9.22165	106.80000	-1.10471	106.78	-307.99E-12	-0.0010766	21.533E-9					
1	Grid	52.14331	9.22165	106.80000	-1.17817	106.78	-255.13E-12	-965.32E-6	19.306E-9					
1	Grid	54.13849	9.22165	106.80000	-1.27904	106.78	-212.89E-12	-868.95E-6	17.379E-9					
1	Grid	56.13367	9.22165	106.80000	-1.41148	106.78	-178.83E-12	-785.07E-6	15.701E-9					
1	Grid	58.12885	9.22165	106.80000	-1.58131	106.78	-151.16E-12	-711.72E-6	14.234E-9					
1	Grid	60.12403	9.22165	106.80000	-1.79666	106.78	-128.51E-12	-647.29E-6	12.946E-9					
1	Grid	62.11921	9.22165	106.80000	-2.06890	106.78	-109.83E-12	-590.44E-6	11.809E-9					
1	Grid	64.11439	9.22165	106.80000	-2.41435	106.78	-94.342E-12	-540.09E-6	10.802E-9					
1	Grid	66.10957	9.22165	106.80000	-2.85705	106.78	-81.416E-12	-495.33E-6	9.9067E-9					
1	Grid	68.10475	9.22165	106.80000	-3.43417	106.78	-70.572E-12	-455.41E-6	9.1082E-9					
1	Grid	70.09993	9.22165	106.80000	-4.20696	106.78	-61.420E-12	-419.68E-6	8.3936E-9					
1	Grid	72.09511	9.22165	106.80000	-5.28791	106.78	-53.666E-12	-387.60E-6	7.7521E-9					
1	Grid	74.09029	9.22165	106.80000	-6.92906	106.78	-47.064E-12	-358.73E-6	7.1746E-9					
1	Grid	76.08547	9.22165	106.80000	-10.09143	106.78	-41.418E-12	-332.66E-6	6.6532E-9					
1	Grid	78.08065	9.22165	106.80000	-16.24717	106.78	-36.563E-12	-309.06E-6	6.1813E-9					
1	Grid	80.07583	9.22165	106.80000	-18.38636	106.78	-32.383E-12	-287.66E-6	5.7531E-9					
1	Grid	82.07101	9.22165	106.80000	-19.43993	106.78	-28.763E-12	-268.18E-6	5.3637E-9					
1	Grid	84.06619	9.22165	106.80000	-19.88198	106.78	-25.623E-12	-250.44E-6	5.0087E-9					
1	Grid	86.06137	9.22165	106.80000	-19.83772	106.78	-22.885E-12	-234.22E-6	4.6845E-9					
1	Grid	88.05655	9.22165	106.80000	-19.29795	106.78	-20.490E-12	-219.38E-6	4.3877E-9					
1	Grid	90.05173	9.22165	106.80000	-18.10767	106.78	-18.392E-12	-205.77E-6	4.1155E-9					
1	Grid	92.04691	9.22165	106.80000	-15.66149	106.78	-16.548E-12	-193.27E-6	3.8654E-9					
1	Grid	94.04209	9.22165	106.80000	-9.29602	106.78	-14.921E-12	-181.76E-6	3.6352E-9					
1	Grid	96.03727	9.22165	106.80000	-6.53284	106.78	-13.483E-12	-171.15E-6	3.4230E-9					
1	Grid	98.03245	9.22165	106.80000	-4.99337	106.78	-12.210E-12	-161.35E-6	3.2270E-9					
1	Grid	100.02763	9.22165	106.80000	-3.95598	106.78	-11.078E-12	-152.29E-6	3.0457E-9					
1	Grid	102.02281	9.22165	106.80000	-3.20281	106.78	-10.069E-12	-143.89E-6	2.8778E-9					
1	Grid	104.01799	9.22165	106.80000	-2.63222	106.78	-9.1693E-12	-136.10E-6	2.7220E-9					
1	Grid	106.01317	9.22165	106.80000	-2.18750	106.78	-8.3640E-12	-128.86E-6	2.5773E-9					
1	Grid	108.00835	9.22165	106.80000	-1.83362	106.78	-7.6432E-12	-122.13E-6	2.4426E-9					
1	Grid	110.00353	9.22165	106.80000	-1.54753	106.78	-6.9951E-12	-115.86E-6	2.3172E-9					
1	Grid	111.99871	9.22165	106.80000	-1.31327	106.78	-6.4122E-12	-110.01E-6	2.2003E-9					
1	Grid	113.99388	9.22165	106.80000	-1.11946	106.78	-5.8880E-12	-104.55E-6	2.0911E-9					
1	Grid	115.98906	9.22165	106.80000	-0.95777	106.78	-5.4110E-12	-99.450E-6	1.9890E-9					
1	Grid	117.98424	9.22165	106.80000	-0.82173	106.78	-4.9827E-12	-94.673E-6	1.8935E-9					
1	Grid	119.97942	9.22165	106.80000	-0.70671	106.78	-4.5950E-12	-90.197E-6	1.8039E-9					
1	Grid	121.97460	9.22165	106.80000	-0.60887	106.78	-4.2419E-12	-86.000E-6	1.7200E-9					
1	Grid	123.96978	9.22165	106.80000	-0.52527	106.78	-3.9222E-12	-82.059E-6	1.6412E-9					
1	Grid	125.96496	9.22165	106.80000	-0.45353	106.78	-3.6278E-12	-78.356E-6	1.5671E-9					
1	Grid	127.96014	9.22165	106.80000	-0.39176	106.78	-3.3633E-12	-74.872E-6	1.4974E-9					
1	Grid	129.95532	9.22165	106.80000	-0.33840	106.78	-3.1168E-12	-71.593E-6	1.4318E-9					
1	Grid	131.95050	9.22165	106.80000	-0.29217	106.78	-2.8950E-12	-68.502E-6	1.3700E-9					
1	Grid	133.94568	9.22165	106.80000	-0.25203	106.78	-2.6912E-12	-65.586E-6	1.3117E-9					
1	Grid	135.94086	9.22165	106.80000	-0.21709	106.78	-2.5073E-12	-62.834E-6	1.2567E-9					
1	Grid	137.93604	9.22165	106.80000	-0.18663	106.78	-2.3375E-12	-60.234E-6	1.2047E-9					
1	Grid	139.93122	9.22165	106.80000	-0.16002	106.78	-2.1756E-12	-57.776E-6	1.1555E-9					
1	Grid	141.92640	9.22165	106.80000	-0.13673	106.78	-2.0310E-12	-55.450E-6	1.1090E-9					
1	Grid	143.92158	9.22165	106.80000	-0.11634	106.78	-1.8971E-12	-53.247E-6	1.0649E-9					
1	Grid	145.91676	9.22165	106.80000	-0.09846	106.78	-1.7752E-12	-51.159E-6	1.0232E-9					
1	Grid	147.91194	9.22165	106.80000	-0.08276	106.78	-1.6627E-12	-49.179E-6	983.58E-12					
1	Grid	149.90712	9.22165	106.80000	-0.06898	106.78	-1.5588E-12	-47.300E-6	946.00E-12					
1	Grid	151.90230	9.22165	106.80000	-0.05686	106.78	-1.4628E-12	-45.516E-6	910.31E-12					
1	Grid	153.89748	9.22165	106.80000	-0.04620	106.78	-1.3696E-12	-43.820E-6	876.40E-12					
1	Grid	155.89266	9.22165	106.80000	-0.03683	106.78	-1.2876E-12	-42.208E-6	844.15E-12					
1	Grid	157.88784	9.22165	106.80000	-0.02859	106.78	-1.2097E-12	-40.673E-6	813.47E-12					
1	Grid	159.88302	9.22165	106.80000	-0.02134	106.78	-1.1351E-12	-39.213E-6	784.25E-12					
1	Grid	161.87820	9.22165	106.80000	-0.01496	106.78	-1.0705E-12	-37.821E-6	756.42E-12					
1	Grid	163.87338	9.22165	106.80000	-0.00936	106.78	-1.0092E-12	-36.495E-6	729.89E-12					
1	Grid	165.86856	9.22165	106.80000	-0.00444	106.78	0.0	-35.230E-6	704.59E-12					
1	Grid	167.86374	9.22165	106.80000	-0.00013	106.78	0.0	-34.022E-6	680.45E-12					
1	Grid	169.85892	9.22165	106.80000	0.00365	106.78	0.0	-32.870E-6	657.39E-12					
1	Grid	171.85410	9.22165	106.80000	0.00696	106.78	0.0	-31.769E-6	635.37E-12					
1	Grid	173.84928	9.22165	106.80000	0.00984	106.78	0.0	-30.716E-6	614.32E-12					
1	Grid	175.84446	9.22165	106.80000	0.01235	106.78	0.0	-29.710E-6	594.19E-12					
1	Grid	177.83964	9.22165	106.80000	0.01453	106.78	0.0	-28.747E-6	574.93E-12					
1	Grid	179.83482	9.22165	106.80000	0.01642	106.78	0.0	-27.825E-6	556.50E-12					
1	Grid	181.83000	9.22165	106.80000	0.01805	106.78	0.0	-26.942E-6	538.84E-12					
1	Grid	-95.50000	11.09640	106.80000	0.00039	106.78	-24.548E-12	-243.29E-6	4.8657E-9					
1	Grid	-93.50482	11.09640	106.80000	-0.00339	106.78	-27.545E-12	-260.39E-6	5.2079E-9					
1	Grid	-91.50964	11.09640	106.80000	-0.00761	106.78	-30.995E-12	-279.15E-6	5.5830E-9					
1	Grid	-89.51446	11.09640	106.80000	-0.01253	106.78	-34.981E-12	-299.76E-6	5.9953E-9					
1	Grid	-87.51928	11.09640	106.80000	-0.01816	106.78	-39.599E-12	-322.47E-6	6.4494E-9					
1	Grid	-85.52410	11.09640	106.80000	-0.02462	106.78	-44.983E-12	-347.55E-6	6.9509E-9					
1	Grid	-83.52892	11.09640	106.80000	-0.03201	106.78	-51.272E-12	-375.31E-6	7.5062E-9					
1	Grid	-81.53374	11.09640	106.80000	-0.04047	106.78	-58.659E-12	-406.13E-6	8.1226E-9					
1	Grid	-79.53856	11.09640	106.80000	-0.05015	106.78	-67.373E-12	-440.45E-6	8.8089E-9					
1	Grid	-77.54338	11.09640	106.80000	-0.06122	106.78	-77.707E-12	-478.78E-6	9.5755E-9					
1	Grid	-75.54820	11.09640	106.80000	-0.07388	106.78	-90.024E-12	-521.73E-6	10.435E-9					
1	Grid	-73.55302	11.09640	106.80000	-0.08863	106.78	-104.798E-12	-570.03E-6	11.400E-9					
1	Grid	-71.55784	11.09640	106.80000	-0.10494	106.78	-122.60E-12	-624.54E-6	12.491E-9					
1	Grid	-69.56266	11.09640	106.80000	-0.12391	106.78	-144.22E-12	-686.31E-6	13.726E-9					
1	Grid	-67.56748	11.09640	106.80000	-0.14565	106.78	-170.65E-12	-756.62E-6	15.132E-9					
1	Grid	-65.57230	11.09640	106.80000	-0.17057	106.78	-203.22E-12	-837.00E-6	16.740E-9					
1	Grid	-63.57712	11.09640	106.80000	-0.19757	106.78	-243.68E-12	-929.36E-6	18.587E-9					
1	Grid	-61.58194	11.09640	106.80000	-0.23203	106.78	-294.39E-12	-0.001361	20.721E-9					
1	Grid	-59.58676	11.09640	106.80000	-0.26983	106.78	-358.58E-12	-0.0011600	23.200E-9					
1	Grid	-57.59158	11.09640	106.80000	-0.31339	106.78	-440.71E-12	-0.0013050	26.100E-9					
1	Grid	-55.59640	11.09640	106.80000	-0.36368	106.78	-547.04E-12	-0.0014757	29.514E-9					
1	Grid	-53.60122	11.09640	106.80000	-0.42186	106.78	-686.55E-12	-0.0016763	33.567E-9					
1	Grid	-51.60604	11.09640	106.80000	-0.48934	106.78	-872.30E-12	-0.0019208	38.416E-9					

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term										Job No.	Sheet No.	Rev.			
										3244					
										Drg. Ref.					
Made by										Date		Checked			
AC															
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain						
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]						
1	Grid	26.20597	11.09640	106.80000	-2.06682	106.78	-7.4419E-9	-0.0063682	127.36E-9						
1	Grid	28.20115	11.09640	106.80000	-1.80361	106.78	-5.0878E-9	-0.0051925	103.85E-9						
1	Grid	30.19633	11.09640	106.80000	-1.59374	106.78	-3.5923E-9	-0.0042979	85.958E-9						
1	Grid	32.19151	11.09640	106.80000	-1.42631	106.78	-2.6052E-9	-0.0036030	72.059E-9						
1	Grid	34.18669	11.09640	106.80000	-1.29376	106.78	-1.9325E-9	-0.0030535	61.071E-9						
1	Grid	36.18187	11.09640	106.80000	-1.19084	106.78	-1.4615E-9	-0.0026126	52.252E-9						
1	Grid	38.17705	11.09640	106.80000	-1.11383	106.78	-1.1241E-9	-0.0022541	45.082E-9						
1	Grid	40.17223	11.09640	106.80000	-1.06019	106.78	-877.35E-12	-0.0019593	39.187E-9						
1	Grid	42.16741	11.09640	106.80000	-1.02830	106.78	-693.75E-12	-0.0017145	34.290E-9						
1	Grid	44.16259	11.09640	106.80000	-1.01729	106.78	-554.97E-12	-0.0015093	30.185E-9						
1	Grid	46.15777	11.09640	106.80000	-1.02698	106.78	-448.60E-12	-0.0013359	26.718E-9						
1	Grid	48.15295	11.09640	106.80000	-1.05789	106.78	-366.05E-12	-0.0011883	23.766E-9						
1	Grid	50.14813	11.09640	106.80000	-1.11124	106.78	-301.25E-12	-0.0010619	21.238E-9						
1	Grid	52.14331	11.09640	106.80000	-1.18907	106.78	-249.88E-12	-952.92E-6	19.058E-9						
1	Grid	54.13849	11.09640	106.80000	-1.29443	106.78	-208.75E-12	-858.46E-6	17.169E-9						
1	Grid	56.13367	11.09640	106.80000	-1.43160	106.78	-175.55E-12	-776.15E-6	15.523E-9						
1	Grid	58.12885	11.09640	106.80000	-1.60651	106.78	-148.54E-12	-704.10E-6	14.082E-9						
1	Grid	60.12403	11.09640	106.80000	-1.82739	106.78	-126.39E-12	-640.74E-6	12.815E-9						
1	Grid	62.11921	11.09640	106.80000	-2.10573	106.78	-108.12E-12	-584.79E-6	11.696E-9						
1	Grid	64.11439	11.09640	106.80000	-2.45789	106.78	-92.949E-12	-535.20E-6	10.704E-9						
1	Grid	66.10957	11.09640	106.80000	-2.90796	106.78	-80.274E-12	-491.08E-6	9.8216E-9						
1	Grid	68.10475	11.09640	106.80000	-3.49304	106.78	-69.630E-12	-451.70E-6	9.0339E-9						
1	Grid	70.09993	11.09640	106.80000	-4.27424	106.78	-60.641E-12	-416.43E-6	8.3285E-9						
1	Grid	72.09511	11.09640	106.80000	-5.36371	106.78	-53.018E-12	-384.75E-6	7.6949E-9						
1	Grid	74.09029	11.09640	106.80000	-7.01273	106.78	-46.519E-12	-356.21E-6	7.1242E-9						
1	Grid	76.08547	11.09640	106.80000	-10.17876	106.78	-40.959E-12	-330.43E-6	6.6086E-9						
1	Grid	78.08065	11.09640	106.80000	-16.34554	106.78	-36.179E-12	-307.09E-6	6.1418E-9						
1	Grid	80.07583	11.09640	106.80000	-18.49354	106.78	-32.056E-12	-285.90E-6	5.7180E-9						
1	Grid	82.07101	11.09640	106.80000	-19.55238	106.78	-28.488E-12	-266.62E-6	5.3323E-9						
1	Grid	84.06619	11.09640	106.80000	-19.99694	106.78	-25.383E-12	-249.04E-6	4.9807E-9						
1	Grid	86.06137	11.09640	106.80000	-19.95258	106.78	-22.680E-12	-232.97E-6	4.6594E-9						
1	Grid	88.05655	11.09640	106.80000	-19.41034	106.78	-20.318E-12	-218.26E-6	4.3651E-9						
1	Grid	90.05173	11.09640	106.80000	-18.21581	106.78	-18.241E-12	-204.76E-6	4.0952E-9						
1	Grid	92.04691	11.09640	106.80000	-15.76566	106.78	-16.418E-12	-192.36E-6	3.8471E-9						
1	Grid	94.04209	11.09640	106.80000	-9.39238	106.78	-14.809E-12	-180.93E-6	3.6187E-9						
1	Grid	96.03727	11.09640	106.80000	-6.61641	106.78	-13.385E-12	-170.40E-6	3.4080E-9						
1	Grid	98.03245	11.09640	106.80000	-5.06655	106.78	-12.123E-12	-160.67E-6	3.2134E-9						
1	Grid	100.02763	11.09640	106.80000	-4.01969	106.78	-11.001E-12	-151.67E-6	3.0334E-9						
1	Grid	102.02281	11.09640	106.80000	-3.25794	106.78	-10.003E-12	-143.33E-6	2.8665E-9						
1	Grid	104.01799	11.09640	106.80000	-2.67974	106.78	-9.1107E-12	-135.59E-6	2.7117E-9						
1	Grid	106.01317	11.09640	106.80000	-2.22836	106.78	-8.3134E-12	-128.39E-6	2.5679E-9						
1	Grid	108.00835	11.09640	106.80000	-1.86876	106.78	-7.5953E-12	-121.70E-6	2.4340E-9						
1	Grid	110.00353	11.09640	106.80000	-1.57775	106.78	-6.9558E-12	-115.47E-6	2.3094E-9						
1	Grid	111.99871	11.09640	106.80000	-1.33933	106.78	-6.3776E-12	-109.65E-6	2.1931E-9						
1	Grid	113.99388	11.09640	106.80000	-1.14198	106.78	-5.8533E-12	-104.22E-6	2.0844E-9						
1	Grid	115.98906	11.09640	106.80000	-0.97723	106.78	-5.3844E-12	-99.144E-6	1.9829E-9						
1	Grid	117.98424	11.09640	106.80000	-0.83871	106.78	-4.9580E-12	-94.391E-6	1.8878E-9						
1	Grid	119.97942	11.09640	106.80000	-0.72152	106.78	-4.5710E-12	-89.937E-6	1.7987E-9						
1	Grid	121.97460	11.09640	106.80000	-0.62184	106.78	-4.2220E-12	-85.759E-6	1.7152E-9						
1	Grid	123.96978	11.09640	106.80000	-0.53665	106.78	-3.9015E-12	-81.837E-6	1.6367E-9						
1	Grid	125.96496	11.09640	106.80000	-0.46355	106.78	-3.6118E-12	-78.150E-6	1.5630E-9						
1	Grid	127.96014	11.09640	106.80000	-0.40060	106.78	-3.3473E-12	-74.681E-6	1.4936E-9						
1	Grid	129.95532	11.09640	106.80000	-0.34622	106.78	-3.1068E-12	-71.415E-6	1.4283E-9						
1	Grid	131.95050	11.09640	106.80000	-0.29911	106.78	-2.8844E-12	-68.337E-6	1.3667E-9						
1	Grid	133.94568	11.09640	106.80000	-0.25818	106.78	-2.6819E-12	-65.433E-6	1.3087E-9						
1	Grid	135.94086	11.09640	106.80000	-0.22256	106.78	-2.4967E-12	-62.692E-6	1.2538E-9						
1	Grid	137.93604	11.09640	106.80000	-0.19150	106.78	-2.3255E-12	-60.101E-6	1.2020E-9						
1	Grid	139.93122	11.09640	106.80000	-0.16435	106.78	-2.1669E-12	-57.652E-6	1.1530E-9						
1	Grid	141.92640	11.09640	106.80000	-0.14060	106.78	-2.0237E-12	-55.334E-6	1.1067E-9						
1	Grid	143.92158	11.09640	106.80000	-0.11979	106.78	-1.8925E-12	-53.138E-6	1.0628E-9						
1	Grid	145.91676	11.09640	106.80000	-0.10154	106.78	-1.7699E-12	-51.057E-6	1.0211E-9						
1	Grid	147.91194	11.09640	106.80000	-0.08551	106.78	-1.6547E-12	-49.084E-6	981.68E-12						
1	Grid	149.90712	11.09640	106.80000	-0.07143	106.78	-1.5508E-12	-47.211E-6	944.22E-12						
1	Grid	151.90230	11.09640	106.80000	-0.05904	106.78	-1.4555E-12	-45.432E-6	908.64E-12						
1	Grid	153.89748	11.09640	106.80000	-0.04815	106.78	-1.3669E-12	-43.741E-6	874.83E-12						
1	Grid	155.89266	11.09640	106.80000	-0.03956	106.78	-1.2830E-12	-42.134E-6	842.68E-12						
1	Grid	157.88784	11.09640	106.80000	-0.03013	106.78	-1.2070E-12	-40.604E-6	812.08E-12						
1	Grid	159.88302	11.09640	106.80000	-0.02271	106.78	-1.1351E-12	-39.147E-6	782.95E-12						
1	Grid	161.87820	11.09640	106.80000	-0.01618	106.78	-1.0678E-12	-37.760E-6	755.19E-12						
1	Grid	163.87338	11.09640	106.80000	-0.01044	106.78	-1.0065E-12	-36.437E-6	728.74E-12						
1	Grid	165.86856	11.09640	106.80000	-0.00569	106.78	0.0	-35.175E-6	703.50E-12						
1	Grid	167.86374	11.09640	106.80000	-0.00097	106.78	0.0	-33.971E-6	679.42E-12						
1	Grid	169.85892	11.09640	106.80000	0.00291	106.78	0.0	-32.821E-6	656.42E-12						
1	Grid	171.85410	11.09640	106.80000	0.00630	106.78	0.0	-31.723E-6	634.45E-12						
1	Grid	173.84928	11.09640	106.80000	0.00927	106.78	0.0	-30.673E-6	613.45E-12						
1	Grid	175.84446	11.09640	106.80000	0.01185	106.78	0.0	-29.686E-6	593.37E-12						
1	Grid	177.83964	11.09640	106.80000	0.01410	106.78	0.0	-28.708E-6	574.15E-12						
1	Grid	179.83482	11.09640	106.80000	0.01604	106.78	0.0	-27.788E-6	555.76E-12						
1	Grid	181.83000	11.09640	106.80000	0.01772	106.78	0.0	-26.907E-6	538.14E-12						
1	Grid	-95.50000	12.97115	106.80000	0.00095	106.78	-24.303E-12	-241.78E-6	4.8355E-9						
1	Grid	-93.50482	12.97115	106.80000	-0.00269	106.78	-27.257E-12	-258.71E-6	5.1742E-9						
1	Grid	-91.50964	12.97115	106.80000	-0.00697	106.78	-30.656E-12	-277.61E-6	5.5453E-9						
1	Grid	-89.51446	12.97115	106.80000	-0.01167	106.78	-34.584E-12	-297.65E-6	5.9530E-9						
1	Grid	-87.51928	12.97115	106.80000	-0.01717	106.78	-39.132E-12	-320.09E-6	6.4018E-9						
1	Grid	-85.52410	12.97115	106.80000	-0.02347	106.78	-44.423E-12	-344.86E-6	6.8972E-9						
1	Grid	-83.52892	12.97115	106.80000	-0.03067	106.78	-50.608E-12	-372.27E-6	7.4454E-9						



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	6.25417	12.97115	106.80000	-21.62391	106.78	-24.000	-57.274	-0.0017345
1	Grid	8.24935	12.97115	106.80000	-17.60193	106.78	-0.86589	-10.302	102.13E-6
1	Grid	10.24453	12.97115	106.80000	-13.76208	106.78	-9.0834E-6	-0.16656	3.3301E-6
1	Grid	12.23971	12.97115	106.80000	-11.44426	106.78	-1.0536E-6	-0.067014	1.3402E-6
1	Grid	14.23489	12.97115	106.80000	-6.90263	106.78	-283.92E-9	-0.037477	749.50E-9
1	Grid	16.23007	12.97115	106.80000	-5.00587	106.78	-110.01E-9	-0.024212	484.23E-9
1	Grid	18.22525	12.97115	106.80000	-3.93399	106.78	-52.239E-9	-0.016967	339.34E-9
1	Grid	20.22043	12.97115	106.80000	-3.20892	106.78	-28.219E-9	-0.012530	250.60E-9
1	Grid	22.21561	12.97115	106.80000	-2.68145	106.78	-16.658E-9	-0.0096008	192.01E-9
1	Grid	24.21079	12.97115	106.80000	-2.28157	106.78	-10.490E-9	-0.0075620	151.24E-9
1	Grid	26.20597	12.97115	106.80000	-1.97055	106.78	-6.9402E-9	-0.0060859	121.72E-9
1	Grid	28.20115	12.97115	106.80000	-1.72487	106.78	-4.7739E-9	-0.0049840	99.679E-9
1	Grid	30.19633	12.97115	106.80000	-1.52937	106.78	-3.3890E-9	-0.0041410	82.819E-9
1	Grid	32.19151	12.97115	106.80000	-1.37389	106.78	-2.4697E-9	-0.0034828	69.656E-9
1	Grid	34.18669	12.97115	106.80000	-1.25141	106.78	-1.8398E-9	-0.0029602	59.204E-9
1	Grid	36.18187	12.97115	106.80000	-1.15705	106.78	-1.3968E-9	-0.0025392	50.784E-9
1	Grid	38.17705	12.97115	106.80000	-1.08741	106.78	-1.0779E-9	-0.0021957	43.914E-9
1	Grid	40.17223	12.97115	106.80000	-1.04018	106.78	-843.89E-12	-0.0019124	38.247E-9
1	Grid	42.16741	12.97115	106.80000	-1.01393	106.78	-669.12E-12	-0.0016764	33.527E-9
1	Grid	44.16259	12.97115	106.80000	-1.00795	106.78	-536.58E-12	-0.0014781	29.561E-9
1	Grid	46.15777	12.97115	106.80000	-0.97223	106.78	-434.71E-12	-0.0013102	26.203E-9
1	Grid	48.15295	12.97115	106.80000	-1.05739	106.78	-355.43E-12	-0.0011669	23.339E-9
1	Grid	50.14813	12.97115	106.80000	-1.11477	106.78	-293.06E-12	-0.0010440	20.880E-9
1	Grid	52.14331	12.97115	106.80000	-1.19654	106.78	-243.48E-12	-937.87E-6	18.757E-9
1	Grid	54.13849	12.97115	106.80000	-1.30582	106.78	-203.72E-12	-845.72E-6	16.914E-9
1	Grid	56.13367	12.97115	106.80000	-1.44705	106.78	-171.56E-12	-765.32E-6	15.206E-9
1	Grid	58.12885	12.97115	106.80000	-1.62608	106.78	-145.35E-12	-694.84E-6	13.897E-9
1	Grid	60.12403	12.97115	106.80000	-1.85136	106.78	-123.83E-12	-632.78E-6	12.656E-9
1	Grid	62.11921	12.97115	106.80000	-2.13436	106.78	-106.04E-12	-577.93E-6	11.558E-9
1	Grid	64.11439	12.97115	106.80000	-2.49149	106.78	-91.256E-12	-529.25E-6	10.585E-9
1	Grid	66.10957	12.97115	106.80000	-2.94863	106.78	-78.888E-12	-485.90E-6	9.7118E-9
1	Grid	68.10475	12.97115	106.80000	-3.53730	106.78	-68.485E-12	-447.18E-6	8.9436E-9
1	Grid	70.09993	12.97115	106.80000	-4.32396	106.78	-59.692E-12	-412.47E-6	8.2494E-9
1	Grid	72.09511	12.97115	106.80000	-5.41862	106.78	-52.227E-12	-381.27E-6	7.6253E-9
1	Grid	74.09029	12.97115	106.80000	-7.07195	106.78	-45.860E-12	-353.14E-6	7.0628E-9
1	Grid	76.08547	12.97115	106.80000	-10.23891	106.78	-40.402E-12	-327.72E-6	6.5543E-9
1	Grid	78.08065	12.97115	106.80000	-16.41242	106.78	-35.710E-12	-304.68E-6	6.0936E-9
1	Grid	80.07583	12.97115	106.80000	-18.56633	106.78	-31.660E-12	-283.76E-6	5.6751E-9
1	Grid	82.07101	12.97115	106.80000	-19.62830	106.78	-28.148E-12	-264.71E-6	5.2941E-9
1	Grid	84.06619	12.97115	106.80000	-20.07420	106.78	-25.095E-12	-247.33E-6	4.9465E-9
1	Grid	86.06137	12.97115	106.80000	-22.02963	106.78	-22.434E-12	-231.44E-6	4.6287E-9
1	Grid	88.05655	12.97115	106.80000	-19.48589	106.78	-20.104E-12	-216.88E-6	4.3376E-9
1	Grid	90.05173	12.97115	106.80000	-18.28904	106.78	-18.057E-12	-203.52E-6	4.0704E-9
1	Grid	92.04691	12.97115	106.80000	-15.83760	106.78	-16.258E-12	-191.24E-6	3.8248E-9
1	Grid	94.04209	12.97115	106.80000	-9.45980	106.78	-14.672E-12	-179.92E-6	3.5985E-9
1	Grid	96.03727	12.97115	106.80000	-6.67619	106.78	-13.266E-12	-169.43E-6	3.3979E-9
1	Grid	98.03245	12.97115	106.80000	-5.11781	106.78	-12.020E-12	-159.84E-6	3.1968E-9
1	Grid	100.02763	12.97115	106.80000	-4.06482	106.78	-10.912E-12	-150.91E-6	3.0182E-9
1	Grid	102.02281	12.97115	106.80000	-3.29753	106.78	-9.9227E-12	-142.64E-6	2.8528E-9
1	Grid	104.01799	12.97115	106.80000	-2.71437	106.78	-9.0421E-12	-134.96E-6	2.6992E-9
1	Grid	106.01317	12.97115	106.80000	-2.25862	106.78	-8.2494E-12	-127.89E-6	2.5564E-9
1	Grid	108.00835	12.97115	106.80000	-1.89520	106.78	-7.5433E-12	-121.18E-6	2.4235E-9
1	Grid	110.00353	12.97115	106.80000	-1.60089	106.78	-6.9065E-12	-114.99E-6	2.2997E-9
1	Grid	111.99871	12.97115	106.80000	-1.35960	106.78	-6.3363E-12	-109.21E-6	2.1842E-9
1	Grid	113.99389	12.97115	106.80000	-1.15979	106.78	-5.8187E-12	-103.82E-6	2.0763E-9
1	Grid	115.98907	12.97115	106.80000	-0.92923	106.78	-5.3504E-12	-98.770E-6	1.9736E-9
1	Grid	117.98424	12.97115	106.80000	-0.85258	106.78	-4.9281E-12	-94.046E-6	1.8809E-9
1	Grid	119.97942	12.97115	106.80000	-0.73380	106.78	-4.5444E-12	-89.619E-6	1.7924E-9
1	Grid	121.97460	12.97115	106.80000	-0.63275	106.78	-4.1973E-12	-85.465E-6	1.7039E-9
1	Grid	123.96978	12.97115	106.80000	-0.54636	106.78	-3.8829E-12	-81.564E-6	1.6313E-9
1	Grid	125.96496	12.97115	106.80000	-0.47221	106.78	-3.5925E-12	-77.898E-6	1.5579E-9
1	Grid	127.96014	12.97115	106.80000	-0.40834	106.78	-3.3313E-12	-74.447E-6	1.4899E-9
1	Grid	129.95532	12.97115	106.80000	-0.35315	106.78	-3.0935E-12	-71.198E-6	1.4240E-9
1	Grid	131.95050	12.97115	106.80000	-0.30531	106.78	-2.8697E-12	-68.135E-6	1.3627E-9
1	Grid	133.94568	12.97115	106.80000	-0.26375	106.78	-2.6685E-12	-65.245E-6	1.3049E-9
1	Grid	135.94086	12.97115	106.80000	-0.22755	106.78	-2.4853E-12	-62.516E-6	1.2503E-9
1	Grid	137.93604	12.97115	106.80000	-0.19598	106.78	-2.3168E-12	-59.938E-6	1.1988E-9
1	Grid	139.93122	12.97115	106.80000	-0.16838	106.78	-2.1616E-12	-57.499E-6	1.1500E-9
1	Grid	141.92640	12.97115	106.80000	-0.14422	106.78	-2.0157E-12	-55.191E-6	1.1038E-9
1	Grid	143.92158	12.97115	106.80000	-0.12304	106.78	-1.8838E-12	-53.005E-6	1.0601E-9
1	Grid	145.91676	12.97115	106.80000	-0.10465	106.78	-1.7626E-12	-50.923E-6	1.0187E-9
1	Grid	147.91194	12.97115	106.80000	-0.08813	106.78	-1.6513E-12	-48.967E-6	979.35E-12
1	Grid	149.90712	12.97115	106.80000	-0.07378	106.78	-1.5468E-12	-47.102E-6	942.03E-12
1	Grid	151.90230	12.97115	106.80000	-0.06115	106.78	-1.4515E-12	-45.330E-6	906.59E-12
1	Grid	153.89748	12.97115	106.80000	-0.05004	106.78	-1.3616E-12	-43.645E-6	872.90E-12
1	Grid	155.89266	12.97115	106.80000	-0.04025	106.78	-1.2810E-12	-42.043E-6	840.87E-12
1	Grid	157.88784	12.97115	106.80000	-0.03164	106.78	-1.2024E-12	-40.519E-6	810.38E-12
1	Grid	159.88302	12.97115	106.80000	-0.02406	106.78	-1.1304E-12	-39.067E-6	781.35E-12
1	Grid	161.87820	12.97115	106.80000	-0.01738	106.78	-1.0651E-12	-37.684E-6	753.69E-12
1	Grid	163.87338	12.97115	106.80000	-0.01151	106.78	-1.0039E-12	-36.366E-6	727.31E-12
1	Grid	165.86856	12.97115	106.80000	-0.00625	106.78	0.0	-35.108E-6	702.14E-12
1	Grid	167.86374	12.97115	106.80000	-0.00182	106.78	0.0	-33.908E-6	678.15E-12
1	Grid	169.85892	12.97115	106.80000	0.00216	106.78	0.0	-32.761E-6	655.23E-12
1	Grid	171.85410	12.97115	106.80000	0.00565	106.78	0.0	-31.666E-6	633.32E-12
1	Grid	173.84928	12.97115	106.80000	0.00869	106.78	0.0	-30.619E-6	612.38E-12
1	Grid	175.84446	12.97115	106.80000	0.01195	106.78	0.0	-29.624E-6	592.36E-12
1	Grid	177.83964	12.97115	106.80000	0.01366	106.78	0.0	-28.660E-6	573.20E-12
1	Grid	179.83482	12.97115	106.80000	0.01566	106.78	0.0	-27.743E-6	554.85E-12
1	Grid	181.83000	12.97115	106.80000	0.01739	106.78	0.0	-26.864E-6	537.29E-12
1	Grid	-95.50000	14.84590	106.80000	0.00157	106.78	-24.006E-12	-239.97E-6	4.7995E-9
1	Grid	-93.50482	14.84590	106.80000	-0.00190	106.78	-26.913E-12	-256.70E-6	4.1339E-9
1	Grid	-91.50964	14.84590	106.80000	-0.00605	106.78	-30.252E-12	-275.01E-6	5.5002E-9
1	Grid	-89.51446	14.84590	106.80000	-0.01072	106.78	-34.105E-12	-295.12E-6	5.9024E-9
1	Grid	-87.51928	14.84590	106.80000	-0.01607	106.78	-38.567E-12	-317.25E-6	6.3449E-9
1	Grid	-85.52410	14.84590	106.80000	-0.02219	106.78	-43.753E-12	-341.65E-6	6.8330E-9
1	Grid	-83.52892	14.84590	106.80000	-0.02920	106.78	-49.804E-12	-368.33E-6	7.3726E-9
1	Grid	-81.53374	14.84590	106.80000	-0.03721	106.78	-56.896E-12	-398.55E-6	7.9709E-9
1	Grid	-79.53856	14.84590	106.80000	-0.04635	106.78	-65.247E-12	-431.81E-6	8.6361E-9
1	Grid	-77.5433							

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.	
						3244			
						Drg. Ref.			
						Made by AC	Date	Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level [mcd]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
1	Grid	-13.69763	14.84590	106.80000	-19.76591	106.78	-24.000	-57.296	-0.0017341
1	Grid	-11.70245	14.84590	106.80000	-20.97125	106.78	-24.000	-57.305	-0.0017339
1	Grid	-9.70727	14.84590	106.80000	-21.52160	106.78	-24.000	-57.310	-0.0017338
1	Grid	-7.71209	14.84590	106.80000	-21.82999	106.78	-24.000	-57.313	-0.0017337
1	Grid	-5.71691	14.84590	106.80000	-21.99091	106.78	-24.000	-57.313	-0.0017337
1	Grid	-3.72173	14.84590	106.80000	-22.03757	106.78	-24.000	-57.312	-0.0017337
1	Grid	-1.72655	14.84590	106.80000	-21.97967	106.78	-24.000	-57.310	-0.0017338
1	Grid	0.26863	14.84590	106.80000	-21.81128	106.78	-24.000	-57.304	-0.0017339
1	Grid	2.26381	14.84590	106.80000	-21.50666	106.78	-24.000	-57.293	-0.0017341
1	Grid	4.25899	14.84590	106.80000	-20.99442	106.78	-24.000	-57.268	-0.0017346
1	Grid	6.25437	14.84590	106.80000	-20.02126	106.78	-24.000	-57.176	-0.0017365
1	Grid	8.24935	14.84590	106.80000	-16.34307	106.78	-0.86589	-10.242	100.93E-6
1	Grid	10.24453	14.84590	106.80000	-12.88601	106.78	-8.1932E-6	-0.14424	2.8839E-6
1	Grid	12.23971	14.84590	106.80000	-10.82978	106.78	-887.86E-9	-0.057981	1.1595E-6
1	Grid	14.23489	14.84590	106.80000	-6.45304	106.78	-238.79E-9	-0.033071	661.39E-9
1	Grid	16.23007	14.84590	106.80000	-4.66841	106.78	-93.93E-9	-0.021763	435.25E-9
1	Grid	18.22525	14.84590	106.80000	-3.67586	106.78	-45.38E-9	-0.015482	309.63E-9
1	Grid	20.22043	14.84590	106.80000	-3.00812	106.78	-24.912E-9	-0.011572	231.43E-9
1	Grid	22.21561	14.84590	106.80000	-2.52290	106.78	-14.912E-9	-0.0089534	179.07E-9
1	Grid	24.21079	14.84590	106.80000	-2.15483	106.78	-9.5041E-9	-0.0071088	142.18E-9
1	Grid	26.20597	14.84590	106.80000	-1.86829	106.78	-6.3524E-9	-0.0057595	115.19E-9
1	Grid	28.20115	14.84590	106.80000	-1.64186	106.78	-4.4079E-9	-0.0047432	94.863E-9
1	Grid	30.19633	14.84590	106.80000	-1.46181	106.78	-3.1528E-9	-0.0039598	79.195E-9
1	Grid	32.19151	14.84590	106.80000	-1.31894	106.78	-2.3125E-9	-0.0033441	66.882E-9
1	Grid	34.18669	14.84590	106.80000	-1.20692	106.78	-1.7325E-9	-0.0028525	57.049E-9
1	Grid	36.18187	14.84590	106.80000	-1.12134	106.78	-1.3218E-9	-0.0024544	49.087E-9
1	Grid	38.17705	14.84590	106.80000	-1.05915	106.78	-1.0245E-9	-0.0021281	42.563E-9
1	Grid	40.17223	14.84590	106.80000	-1.01832	106.78	-805.18E-12	-0.0018580	37.160E-9
1	Grid	42.16741	14.84590	106.80000	-0.99764	106.78	-640.62E-12	-0.0016322	32.644E-9
1	Grid	44.16259	14.84590	106.80000	-0.99658	106.78	-515.31E-12	-0.0014419	28.838E-9
1	Grid	46.15777	14.84590	106.80000	-1.01524	106.78	-418.62E-12	-0.0012803	25.606E-9
1	Grid	48.15295	14.84590	106.80000	-1.05439	106.78	-343.13E-12	-0.0011421	22.842E-9
1	Grid	50.14813	14.84590	106.80000	-1.11548	106.78	-283.55E-12	-0.0010232	20.465E-9
1	Grid	52.14331	14.84590	106.80000	-1.20074	106.78	-236.07E-12	-920.37E-6	18.407E-9
1	Grid	54.13849	14.84590	106.80000	-1.31339	106.78	-197.88E-12	-830.90E-6	16.618E-9
1	Grid	56.13367	14.84590	106.80000	-1.45787	106.78	-166.93E-12	-752.70E-6	15.054E-9
1	Grid	58.12885	14.84590	106.80000	-1.64026	106.78	-141.65E-12	-684.04E-6	13.681E-9
1	Grid	60.12403	14.84590	106.80000	-1.86888	106.78	-120.85E-12	-623.50E-6	12.470E-9
1	Grid	62.11921	14.84590	106.80000	-2.15527	106.78	-103.63E-12	-569.91E-6	11.398E-9
1	Grid	64.11439	14.84590	106.80000	-2.51580	106.78	-89.283E-12	-522.30E-6	10.446E-9
1	Grid	66.10957	14.84590	106.80000	-2.97447	106.78	-77.269E-12	-479.86E-6	9.5971E-9
1	Grid	68.10475	14.84590	106.80000	-3.56821	106.78	-67.152E-12	-441.89E-6	8.8379E-9
1	Grid	70.09993	14.84590	106.80000	-4.35778	106.78	-58.586E-12	-407.83E-6	8.1567E-9
1	Grid	72.09511	14.84590	106.80000	-5.45479	106.78	-51.306E-12	-377.19E-6	7.5438E-9
1	Grid	74.09029	14.84590	106.80000	-7.10938	106.78	-45.087E-12	-349.54E-6	6.9909E-9
1	Grid	76.08547	14.84590	106.80000	-9.27245	106.78	-39.755E-12	-324.53E-6	6.4907E-9
1	Grid	78.08065	14.84590	106.80000	-16.45149	106.78	-35.161E-12	-301.86E-6	6.0371E-9
1	Grid	80.07583	14.84590	106.80000	-18.60882	106.78	-31.194E-12	-281.24E-6	5.6248E-9
1	Grid	82.07101	14.84590	106.80000	-19.67202	106.78	-27.752E-12	-262.46E-6	5.2493E-9
1	Grid	84.06619	14.84590	106.80000	-20.11815	106.78	-24.759E-12	-245.32E-6	4.9064E-9
1	Grid	86.06137	14.84590	106.80000	-20.07315	106.78	-22.143E-12	-229.64E-6	4.5927E-9
1	Grid	88.05655	14.84590	106.80000	-19.52858	106.78	-19.857E-12	-215.26E-6	4.3053E-9
1	Grid	90.05173	14.84590	106.80000	-18.33092	106.78	-17.841E-12	-202.06E-6	4.0413E-9
1	Grid	92.04691	14.84590	106.80000	-15.88037	106.78	-16.072E-12	-189.92E-6	3.7985E-9
1	Grid	94.04209	14.84590	106.80000	-9.50073	106.78	-14.511E-12	-178.73E-6	3.5747E-9
1	Grid	96.03727	14.84590	106.80000	-6.70908	106.78	-13.127E-12	-168.41E-6	3.3682E-9
1	Grid	98.03245	14.84590	106.80000	-5.14851	106.78	-11.894E-12	-158.86E-6	3.1772E-9
1	Grid	100.02763	14.84590	106.80000	-4.09231	106.78	-10.804E-12	-150.02E-6	3.0004E-9
1	Grid	102.02281	14.84590	106.80000	-3.32219	106.78	-9.8275E-12	-141.83E-6	2.8365E-9
1	Grid	104.01799	14.84590	106.80000	-2.73651	106.78	-8.9575E-12	-134.22E-6	2.6844E-9
1	Grid	106.01317	14.84590	106.80000	-2.27851	106.78	-8.1788E-12	-127.14E-6	2.5429E-9
1	Grid	108.00835	14.84590	106.80000	-1.91308	106.78	-7.4787E-12	-120.56E-6	2.4111E-9
1	Grid	110.00353	14.84590	106.80000	-1.61700	106.78	-6.8499E-12	-114.42E-6	2.2884E-9
1	Grid	111.99871	14.84590	106.80000	-1.37414	106.78	-6.2863E-12	-108.69E-6	2.1738E-9
1	Grid	113.99388	14.84590	106.80000	-1.17292	106.78	-5.7740E-12	-103.34E-6	2.0667E-9
1	Grid	115.98906	14.84590	106.80000	-1.00481	106.78	-5.3104E-12	-98.32E-6	1.9666E-9
1	Grid	117.98424	14.84590	106.80000	-0.86334	106.78	-4.8914E-12	-93.639E-6	1.8728E-9
1	Grid	119.97942	14.84590	106.80000	-0.74357	106.78	-4.5144E-12	-89.243E-6	1.7849E-9
1	Grid	121.97460	14.84590	106.80000	-0.64161	106.78	-4.1660E-12	-85.118E-6	1.7024E-9
1	Grid	123.96978	14.84590	106.80000	-0.55441	106.78	-3.8543E-12	-81.243E-6	1.6249E-9
1	Grid	125.96496	14.84590	106.80000	-0.47953	106.78	-3.5705E-12	-77.599E-6	1.5520E-9
1	Grid	127.96014	14.84590	106.80000	-0.41499	106.78	-3.3094E-12	-74.171E-6	1.4834E-9
1	Grid	129.95532	14.84590	106.80000	-0.35919	106.78	-3.0702E-12	-70.941E-6	1.4188E-9
1	Grid	131.95050	14.84590	106.80000	-0.31080	106.78	-2.8531E-12	-67.896E-6	1.3579E-9
1	Grid	133.94568	14.84590	106.80000	-0.26873	106.78	-2.6539E-12	-65.023E-6	1.3005E-9
1	Grid	135.94086	14.84590	106.80000	-0.23209	106.78	-2.4720E-12	-62.310E-6	1.2462E-9
1	Grid	137.93604	14.84590	106.80000	-0.20009	106.78	-2.3042E-12	-59.745E-6	1.1949E-9
1	Grid	139.93122	14.84590	106.80000	-0.17211	106.78	-2.1483E-12	-57.319E-6	1.1464E-9
1	Grid	141.92640	14.84590	106.80000	-0.14760	106.78	-2.0064E-12	-55.023E-6	1.1005E-9
1	Grid	143.92158	14.84590	106.80000	-0.12610	106.78	-1.8738E-12	-52.848E-6	1.0570E-9
1	Grid	145.91676	14.84590	106.80000	-0.10722	106.78	-1.7519E-12	-50.786E-6	1.0157E-9
1	Grid	147.91194	14.84590	106.80000	-0.08953	106.78	-1.6414E-12	-48.829E-6	976.59E-6
1	Grid	149.90712	14.84590	106.80000	-0.07603	106.78	-1.5414E-12	-46.972E-6	939.45E-12
1	Grid	151.90230	14.84590	106.80000	-0.06319	106.78	-1.4448E-12	-45.208E-6	904.16E-12
1	Grid	153.89748	14.84590	106.80000	-0.05187	106.78	-1.3556E-12	-43.531E-6	870.63E-12
1	Grid	155.89266	14.84590	106.80000	-0.04190	106.78	-1.2736E-12	-41.936E-6	838.73E-12
1	Grid	157.88784	14.84590	106.80000	-0.03312	106.78	-1.1950E-12	-40.419E-6	808.36E-12
1	Grid	159.88302	14.84590	106.80000	-0.02538	106.78	-1.1244E-12	-38.973E-6	779.45E-12
1	Grid	161.87820	14.84590	106.80000	-0.01857	106.78	-1.0618E-12	-37.595E-6	751.90E-12
1	Grid	163.87338	14.84590	106.80000	-0.01257	106.78	0.0	-36.282E-6	725.63E-12
1	Grid	165.86856	14.84590	106.80000	-0.00729	106.78	0.0	-35.029E-6	700.57E-12
1	Grid	167.86374	14.84590	106.80000	-0.00266	106.78	0.0	-33.833E-6	676.65E-12
1	Grid	169.85892	14.84590	106.80000	0.00142	106.78	0.0	-32.69	



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	-33.64942	16.72065	106.80000	-1.64387	106.78	-14.237E-9	-0.0084714	169.43E-9
1	Grid	-31.65424	16.72065	106.80000	-1.93656	106.78	-23.739E-9	-0.010916	218.31E-9
1	Grid	-29.65906	16.72065	106.80000	-2.29727	106.78	-43.128E-9	-0.014539	290.78E-9
1	Grid	-27.66388	16.72065	106.80000	-2.75067	106.78	-89.019E-9	-0.020302	406.03E-9
1	Grid	-25.66871	16.72065	106.80000	-3.33631	106.78	-226.54E-9	-0.030541	610.80E-9
1	Grid	-23.67353	16.72065	106.80000	-4.12425	106.78	-863.96E-9	-0.052803	1.0560E-6
1	Grid	-21.67835	16.72065	106.80000	-5.28825	106.78	-9.9994E-6	-0.13261	2.6509E-6
1	Grid	-19.68317	16.72065	106.80000	-8.09809	106.78	-4.2915	-17.995	-155.09E-6
1	Grid	-17.68799	16.72065	106.80000	-9.86913	106.78	-4.2921	-18.438	-146.28E-6
1	Grid	-15.69281	16.72065	106.80000	-11.23609	106.78	-4.2921	-18.480	-145.44E-6
1	Grid	-13.69763	16.72065	106.80000	-14.67617	106.78	-4.2921	-18.495	-145.14E-6
1	Grid	-11.70245	16.72065	106.80000	-15.80014	106.78	-4.2921	-18.503	-144.99E-6
1	Grid	-9.70727	16.72065	106.80000	-16.30986	106.78	-4.2921	-18.507	-144.91E-6
1	Grid	-7.71209	16.72065	106.80000	-16.59634	106.78	-4.2921	-18.509	-144.87E-6
1	Grid	-5.71691	16.72065	106.80000	-16.74845	106.78	-4.2921	-18.509	-144.86E-6
1	Grid	-3.72173	16.72065	106.80000	-16.79798	106.78	-4.2921	-18.508	-144.88E-6
1	Grid	-1.72655	16.72065	106.80000	-16.75572	106.78	-4.2921	-18.506	-144.92E-6
1	Grid	0.26863	16.72065	106.80000	-16.62001	106.78	-4.2921	-18.502	-145.01E-6
1	Grid	2.26381	16.72065	106.80000	-16.37603	106.78	-4.2921	-18.493	-145.18E-6
1	Grid	4.25899	16.72065	106.80000	-15.98338	106.78	-4.2921	-18.475	-145.55E-6
1	Grid	6.25137	16.72065	106.80000	-15.38087	106.78	-4.2921	-18.417	-146.71E-6
1	Grid	8.24935	16.72065	106.80000	-13.35351	106.78	-0.27727	-4.3061	52.850E-6
1	Grid	10.24453	16.72065	106.80000	-11.57406	106.78	-4.6794E-6	-0.10085	2.0165E-6
1	Grid	12.23971	16.72065	106.80000	-10.04544	106.78	-602.33E-9	-0.046061	921.16E-9
1	Grid	14.23489	16.72065	106.80000	-5.91214	106.78	-178.77E-9	-0.027892	557.81E-9
1	Grid	16.23007	16.72065	106.80000	-4.27869	106.78	-74.682E-9	-0.13007	380.12E-9
1	Grid	18.22525	16.72065	106.80000	-3.38735	106.78	-37.566E-9	-0.013839	276.77E-9
1	Grid	20.22043	16.72065	106.80000	-2.78914	106.78	-21.227E-9	-0.010518	210.37E-9
1	Grid	22.21561	16.72065	106.80000	-2.35301	106.78	-12.988E-9	-0.0082432	164.86E-9
1	Grid	24.21079	16.72065	106.80000	-2.02072	106.78	-8.4219E-9	-0.0066114	132.23E-9
1	Grid	26.20597	16.72065	106.80000	-1.76104	106.78	-5.7081E-9	-0.0054005	108.01E-9
1	Grid	28.20115	16.72065	106.80000	-1.55532	106.78	-4.0065E-9	-0.0044779	89.557E-9
1	Grid	30.19633	16.72065	106.80000	-1.39161	106.78	-2.8934E-9	-0.0037596	75.192E-9
1	Grid	32.19151	16.72065	106.80000	-1.26189	106.78	-2.1396E-9	-0.0031906	63.811E-9
1	Grid	34.18669	16.72065	106.80000	-1.16063	106.78	-1.6144E-9	-0.0027329	54.657E-9
1	Grid	36.18187	16.72065	106.80000	-1.08191	106.78	-1.2390E-9	-0.002361	47.200E-9
1	Grid	38.17705	16.72065	106.80000	-1.02931	106.78	-965.42E-12	-0.0020529	41.057E-9
1	Grid	40.17223	16.72065	106.80000	-0.99487	106.78	-762.25E-12	-0.0017973	35.946E-9
1	Grid	42.16741	16.72065	106.80000	-0.97968	106.78	-608.95E-12	-0.0015828	31.656E-9
1	Grid	44.16259	16.72065	106.80000	-0.98338	106.78	-491.62E-12	-0.0014014	28.027E-9
1	Grid	46.15777	16.72065	106.80000	-1.00623	106.78	-400.68E-12	-0.0012469	24.935E-9
1	Grid	48.15295	16.72065	106.80000	-1.04910	106.78	-329.39E-12	-0.0011142	22.284E-9
1	Grid	50.14813	16.72065	106.80000	-1.11354	106.78	-272.92E-12	-999.84E-6	19.997E-9
1	Grid	52.14331	16.72065	106.80000	-1.20185	106.78	-227.76E-12	-900.64E-6	18.013E-9
1	Grid	54.13849	16.72065	106.80000	-1.31733	106.78	-191.34E-12	-814.17E-6	16.283E-9
1	Grid	56.13367	16.72065	106.80000	-1.46466	106.78	-161.73E-12	-738.44E-6	14.760E-9
1	Grid	58.12885	16.72065	106.80000	-1.64935	106.78	-137.48E-12	-671.82E-6	13.436E-9
1	Grid	60.12403	16.72065	106.80000	-1.88033	106.78	-117.49E-12	-612.98E-6	12.260E-9
1	Grid	62.11921	16.72065	106.80000	-2.16893	106.78	-100.90E-12	-560.82E-6	11.216E-9
1	Grid	64.11439	16.72065	106.80000	-2.53148	106.78	-87.058E-12	-514.41E-6	10.288E-9
1	Grid	66.10957	16.72065	106.80000	-2.99197	106.78	-75.441E-12	-472.79E-6	9.4597E-9
1	Grid	68.10475	16.72065	106.80000	-3.58687	106.78	-65.640E-12	-435.89E-6	8.7177E-9
1	Grid	70.09993	16.72065	106.80000	-4.37707	106.78	-57.333E-12	-402.56E-6	8.0513E-9
1	Grid	72.09511	16.72065	106.80000	-5.47385	106.78	-50.260E-12	-372.55E-6	7.4510E-9
1	Grid	74.09029	16.72065	106.80000	-7.12687	106.78	-44.211E-12	-345.45E-6	6.9089E-9
1	Grid	76.08547	16.72065	106.80000	-10.28493	106.78	-39.017E-12	-320.91E-6	6.4181E-9
1	Grid	78.08065	16.72065	106.80000	-16.46486	106.78	-34.540E-12	-298.63E-6	5.9727E-9
1	Grid	80.07583	16.72065	106.80000	-18.62309	106.78	-30.666E-12	-278.37E-6	5.5675E-9
1	Grid	82.07101	16.72065	106.80000	-19.68559	106.78	-27.305E-12	-259.90E-6	5.1980E-9
1	Grid	84.06619	16.72065	106.80000	-20.13077	106.78	-24.374E-12	-243.03E-6	4.8605E-9
1	Grid	86.06137	16.72065	106.80000	-20.98499	106.78	-21.816E-12	-227.55E-6	4.5516E-9
1	Grid	88.05655	16.72065	106.80000	-19.54009	106.78	-19.572E-12	-213.41E-6	4.2683E-9
1	Grid	90.05173	16.72065	106.80000	-18.34292	106.78	-17.599E-12	-200.40E-6	4.0080E-9
1	Grid	92.04691	16.72065	106.80000	-15.89522	106.78	-15.862E-12	-188.42E-6	3.7684E-9
1	Grid	94.04209	16.72065	106.80000	-9.51619	106.78	-14.325E-12	-177.37E-6	3.5475E-9
1	Grid	96.03727	16.72065	106.80000	-6.72084	106.78	-12.967E-12	-167.17E-6	3.3435E-9
1	Grid	98.03245	16.72065	106.80000	-5.15928	106.78	-11.756E-12	-157.74E-6	3.1548E-9
1	Grid	100.02763	16.72065	106.80000	-4.10263	106.78	-10.681E-12	-149.00E-6	2.9800E-9
1	Grid	102.02281	16.72065	106.80000	-3.33226	106.78	-9.7202E-12	-140.90E-6	2.8180E-9
1	Grid	104.01799	16.72065	106.80000	-2.74639	106.78	-8.8636E-12	-133.37E-6	2.6674E-9
1	Grid	106.01317	16.72065	106.80000	-2.28820	106.78	-8.0955E-12	-126.37E-6	2.5273E-9
1	Grid	108.00835	16.72065	106.80000	-1.92255	106.78	-7.4074E-12	-119.85E-6	2.3969E-9
1	Grid	110.00353	16.72065	106.80000	-1.62619	106.78	-6.7859E-12	-113.77E-6	2.2753E-9
1	Grid	111.99871	16.72065	106.80000	-1.38301	106.78	-6.2284E-12	-108.09E-6	2.1618E-9
1	Grid	113.99389	16.72065	106.80000	-1.18144	106.78	-5.7181E-12	-102.78E-6	2.0557E-9
1	Grid	115.98906	16.72065	106.80000	-0.94565	106.78	-5.2638E-12	-97.821E-6	1.9564E-9
1	Grid	117.98424	16.72065	106.80000	-0.87106	106.78	-4.8515E-12	-93.171E-6	1.8634E-9
1	Grid	119.97942	16.72065	106.80000	-0.75085	106.78	-4.4771E-12	-88.811E-6	1.7762E-9
1	Grid	121.97460	16.72065	106.80000	-0.64846	106.78	-4.1367E-12	-84.718E-6	1.6944E-9
1	Grid	123.96978	16.72065	106.80000	-0.56083	106.78	-3.8256E-12	-80.873E-6	1.6175E-9
1	Grid	125.96496	16.72065	106.80000	-0.48953	106.78	-3.5438E-12	-77.257E-6	1.5451E-9
1	Grid	127.96014	16.72065	106.80000	-0.42057	106.78	-3.2834E-12	-73.853E-6	1.4771E-9
1	Grid	129.95532	16.72065	106.80000	-0.36437	106.78	-3.0502E-12	-70.646E-6	1.4129E-9
1	Grid	131.95050	16.72065	106.80000	-0.31560	106.78	-2.8331E-12	-67.621E-6	1.3524E-9
1	Grid	133.94568	16.72065	106.80000	-0.27317	106.78	-2.6379E-12	-64.767E-6	1.2953E-9
1	Grid	135.94086	16.72065	106.80000	-0.23619	106.78	-2.4544E-12	-62.071E-6	1.2419E-9
1	Grid	137.93604	16.72065	106.80000	-0.20384	106.78	-2.2888E-12	-59.523E-6	1.1905E-9
1	Grid	139.93122	16.72065	106.80000	-0.17555	106.78	-2.1350E-12	-57.112E-6	1.1422E-9
1	Grid	141.92640	16.72065	106.80000	-0.15075	106.78	-1.9957E-12	-54.829E-6	1.0966E-9
1	Grid	143.92158	16.72065	106.80000	-0.12898	106.78	-1.8632E-12	-52.667E-6	1.0533E-9
1	Grid	145.91676	16.72065	106.80000	-0.10982	106.78	-1.7459E-12	-50.616E-6	1.0123E-9
1	Grid	147.91194	16.72065	106.80000	-0.09302	106.78	-1.6347E-12	-48.670E-6	973.41E-12
1	Grid	149.90712	16.72065	106.80000	-0.07821	106.78	-1.5314E-12	-46.823E-6	936.47E-12
1	Grid	151.90230	16.72065	106.80000	-0.06516	106.78	-1.4355E-12	-45.068E-6	901.37E-12
1	Grid	153.89748	16.72065	106.80000	-0.05365	106.78	-1.3483E-12	-43.400E-6	868.00E-12
1	Grid	155.89266	16.72065	106.80000	-0.04351	106.78	-1.2683E-12	-41.813E-6	836.26E-12
1	Grid	157.88784	16.72065	106.80000	-0.03457	106.78	-1.1917E-12	-40.302E-6	806.04E-12
1	Grid	159.88302	16.72065	106.80000	-0.02669	106.78	-1.1218E-12	-38.863E-6	777.27E-12
1	Grid	161.87820	16.72065	106.80000	-0.01974	106.78	-1.0565E-12	-37	



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
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Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
1	Grid	-53.60122	18.59540	106.80000	-0.35480	106.78	-576.45E-12	-0.0015096	30.191E-9
1	Grid	-51.60604	18.59540	106.80000	-0.40923	106.78	-721.48E-12	-0.0017124	34.248E-9
1	Grid	-49.61086	18.59540	106.80000	-0.47179	106.78	-913.63E-12	-0.0019539	39.077E-9
1	Grid	-47.61568	18.59540	106.80000	-0.54384	106.78	-1.1722E-9	-0.0022436	44.873E-9
1	Grid	-45.62050	18.59540	106.80000	-0.62701	106.78	-1.5264E-9	-0.0025949	51.897E-9
1	Grid	-43.62532	18.59540	106.80000	-0.72327	106.78	-2.0214E-9	-0.0030251	60.502E-9
1	Grid	-41.63014	18.59540	106.80000	-0.83507	106.78	-2.7297E-9	-0.0035587	71.173E-9
1	Grid	-39.63496	18.59540	106.80000	-0.96539	106.78	-3.7715E-9	-0.0042298	84.595E-9
1	Grid	-37.63978	18.59540	106.80000	-1.11799	106.78	-5.3547E-9	-0.0050879	101.76E-9
1	Grid	-35.64460	18.59540	106.80000	-1.29766	106.78	-7.8589E-9	-0.0062070	124.14E-9
1	Grid	-33.64942	18.59540	106.80000	-1.51054	106.78	-12.023E-9	-0.0077019	154.04E-9
1	Grid	-31.65424	18.59540	106.80000	-1.76466	106.78	-19.406E-9	-0.0097600	195.20E-9
1	Grid	-29.65906	18.59540	106.80000	-2.07069	106.78	-33.669E-9	-0.012707	254.14E-9
1	Grid	-27.66388	18.59540	106.80000	-2.44294	106.78	-64.697E-9	-0.017160	343.19E-9
1	Grid	-25.66871	18.59540	106.80000	-2.90076	106.78	-145.00E-9	-0.024424	488.46E-9
1	Grid	-23.67353	18.59540	106.80000	-3.47090	106.78	-416.36E-9	-0.037714	754.23E-9
1	Grid	-21.67835	18.59540	106.80000	-4.19339	106.78	-1.7555E-6	-0.066168	1.3232E-6
1	Grid	-19.68317	18.59540	106.80000	-5.08324	106.78	-7.3074E-6	-0.12267	2.4526E-6
1	Grid	-17.68799	18.59540	106.80000	-5.96852	106.78	-10.856E-6	-0.16776	3.3540E-6
1	Grid	-15.69281	18.59540	106.80000	-6.84088	106.78	-11.512E-6	-0.18788	3.7562E-6
1	Grid	-13.69763	18.59540	106.80000	-7.82634	106.78	-11.668E-6	-0.19770	3.9525E-6
1	Grid	-11.70245	18.59540	106.80000	-8.50896	106.78	-11.720E-6	-0.20306	4.0597E-6
1	Grid	-9.70727	18.59540	106.80000	-8.91327	106.78	-11.740E-6	-0.20607	4.1200E-6
1	Grid	-7.71209	18.59540	106.80000	-9.15793	106.78	-11.749E-6	-0.20761	4.1508E-6
1	Grid	-5.71691	18.59540	106.80000	-9.29334	106.78	-11.751E-6	-0.20804	4.1594E-6
1	Grid	-3.72173	18.59540	106.80000	-9.34201	106.78	-11.748E-6	-0.20786	4.1613E-6
1	Grid	-1.72655	18.59540	106.80000	-9.31323	106.78	-11.737E-6	-0.20566	4.1118E-6
1	Grid	0.26863	18.59540	106.80000	-9.20842	106.78	-11.712E-6	-0.20226	4.0438E-6
1	Grid	2.26381	18.59540	106.80000	-9.02280	106.78	-11.647E-6	-0.19618	3.9223E-6
1	Grid	4.25899	18.59540	106.80000	-8.74594	106.78	-11.437E-6	-0.18479	3.6944E-6
1	Grid	6.25417	18.59540	106.80000	-8.36983	106.78	-10.475E-6	-0.16061	3.2210E-6
1	Grid	8.24935	18.59540	106.80000	-8.02434	106.78	-5.7474E-6	-0.10863	2.1720E-6
1	Grid	10.24453	18.59540	106.80000	-9.76461	106.78	-1.2182E-6	-0.057698	1.1538E-6
1	Grid	12.23971	18.59540	106.80000	-9.06474	106.78	-318.11E-9	-0.034094	681.83E-9
1	Grid	14.23489	18.59540	106.80000	-5.26166	106.78	-118.76E-9	-0.022652	453.04E-9
1	Grid	16.23007	18.59540	106.80000	-3.83632	106.78	-55.352E-9	-0.016197	323.93E-9
1	Grid	18.22525	18.59540	106.80000	-3.07308	106.78	-29.674E-9	-0.012151	243.01E-9
1	Grid	20.22043	18.59540	106.80000	-2.55632	106.78	-17.484E-9	-0.0094283	188.56E-9
1	Grid	22.21561	18.59540	106.80000	-2.17502	106.78	-11.021E-9	-0.0075029	150.06E-9
1	Grid	24.21079	18.59540	106.80000	-1.88150	106.78	-7.3079E-9	-0.0060894	121.79E-9
1	Grid	26.20597	18.59540	106.80000	-1.65037	106.78	-5.0404E-9	-0.0050216	100.43E-9
1	Grid	28.20115	18.59540	106.80000	-1.46635	106.78	-3.5880E-9	-0.0041963	83.925E-9
1	Grid	30.19633	18.59540	106.80000	-1.31957	106.78	-2.6213E-9	-0.0035462	70.924E-9
1	Grid	32.19151	18.59540	106.80000	-1.20334	106.78	-1.9572E-9	-0.0030261	60.521E-9
1	Grid	34.18669	18.59540	106.80000	-1.11303	106.78	-1.4888E-9	-0.0026043	52.086E-9
1	Grid	36.18187	18.59540	106.80000	-1.04540	106.78	-1.1509E-9	-0.0022521	45.164E-9
1	Grid	38.17705	18.59540	106.80000	-0.99823	106.78	-902.27E-12	-0.0019714	39.427E-9
1	Grid	40.17223	18.59540	106.80000	-0.97012	106.78	-716.22E-12	-0.0017314	34.628E-9
1	Grid	42.16741	18.59540	106.80000	-0.96030	106.78	-574.89E-12	-0.0015290	30.581E-9
1	Grid	44.16259	18.59540	106.80000	-0.96861	106.78	-466.07E-12	-0.0013571	27.143E-9
1	Grid	46.15777	18.59540	106.80000	-0.99543	106.78	-381.28E-12	-0.0012101	24.762E-9
1	Grid	48.15295	18.59540	106.80000	-1.04174	106.78	-314.49E-12	-0.0010836	21.672E-9
1	Grid	50.14813	18.59540	106.80000	-1.10917	106.78	-261.36E-12	-974.14E-6	19.483E-9
1	Grid	52.14331	18.59540	106.80000	-1.20012	106.78	-218.71E-12	-878.94E-6	17.579E-9
1	Grid	54.13849	18.59540	106.80000	-1.31790	106.78	-184.19E-12	-795.73E-6	15.915E-9
1	Grid	56.13367	18.59540	106.80000	-1.45540	106.78	-156.04E-12	-722.69E-6	14.467E-9
1	Grid	58.12885	18.59540	106.80000	-1.65368	106.78	-132.92E-12	-658.32E-6	13.166E-9
1	Grid	60.12403	18.59540	106.80000	-1.88613	106.78	-113.81E-12	-601.35E-6	12.027E-9
1	Grid	62.11921	18.59540	106.80000	-2.17590	106.78	-97.910E-12	-550.75E-6	11.015E-9
1	Grid	64.11439	18.59540	106.80000	-2.53923	106.78	-84.610E-12	-505.66E-6	10.113E-9
1	Grid	66.10957	18.59540	106.80000	-2.99987	106.78	-73.427E-12	-465.36E-6	9.3017E-9
1	Grid	68.10475	18.59540	106.80000	-3.59438	106.78	-63.975E-12	-429.21E-6	8.5842E-9
1	Grid	70.09993	18.59540	106.80000	-4.38311	106.78	-55.951E-12	-396.70E-6	7.9340E-9
1	Grid	72.09511	18.59540	106.80000	-5.47713	106.78	-49.108E-12	-367.39E-6	7.3477E-9
1	Grid	74.09029	18.59540	106.80000	-7.12570	106.78	-43.243E-12	-340.88E-6	6.8176E-9
1	Grid	76.08547	18.59540	106.80000	-10.27181	106.78	-38.201E-12	-316.86E-6	6.3372E-9
1	Grid	78.08065	18.59540	106.80000	-16.45325	106.78	-33.850E-12	-295.04E-6	5.9007E-9
1	Grid	80.07583	18.59540	106.80000	-18.60956	106.78	-30.081E-12	-275.17E-6	5.5033E-9
1	Grid	82.07101	18.59540	106.80000	-19.66909	106.78	-26.803E-12	-257.04E-6	5.1408E-9
1	Grid	84.06619	18.59540	106.80000	-20.11185	106.78	-23.948E-12	-240.46E-6	4.8093E-9
1	Grid	86.06137	18.59540	106.80000	-20.06477	106.78	-21.448E-12	-225.82E-6	4.5066E-9
1	Grid	88.05655	18.59540	106.80000	-19.51997	106.78	-19.257E-12	-211.34E-6	4.2269E-9
1	Grid	90.05173	18.59540	106.80000	-18.32458	106.78	-17.327E-12	-198.53E-6	3.9706E-9
1	Grid	92.04691	18.59540	106.80000	-15.88172	106.78	-15.628E-12	-186.73E-6	3.7346E-9
1	Grid	94.04209	18.59540	106.80000	-9.50587	106.78	-14.121E-12	-175.85E-6	3.5169E-9
1	Grid	96.03727	18.59540	106.80000	-6.70971	106.78	-12.786E-12	-165.79E-6	3.3158E-9
1	Grid	98.03245	18.59540	106.80000	-5.15000	106.78	-11.602E-12	-156.48E-6	3.1296E-9
1	Grid	100.02763	18.59540	106.80000	-4.09574	106.78	-10.547E-12	-147.86E-6	2.9571E-9
1	Grid	102.02281	18.59540	106.80000	-3.32778	106.78	-9.6023E-12	-139.85E-6	2.7971E-9
1	Grid	104.01799	18.59540	106.80000	-2.74411	106.78	-8.7597E-12	-132.42E-6	2.6483E-9
1	Grid	106.01317	18.59540	106.80000	-2.28782	106.78	-8.0098E-12	-125.92E-6	2.5099E-9
1	Grid	108.00835	18.59540	106.80000	-1.92372	106.78	-7.3241E-12	-119.05E-6	2.3809E-9
1	Grid	110.00353	18.59540	106.80000	-1.62859	106.78	-6.7126E-12	-113.03E-6	2.2607E-9
1	Grid	111.99871	18.59540	106.80000	-1.38635	106.78	-6.1624E-12	-107.42E-6	2.1483E-9
1	Grid	113.99389	18.59540	106.80000	-1.18545	106.78	-5.6641E-12	-102.16E-6	2.0433E-9
1	Grid	115.98907	18.59540	106.80000	-0.94540	106.78	-5.2132E-12	-97.249E-6	1.9474E-9
1	Grid	117.98424	18.59540	106.80000	-0.87581	106.78	-4.8068E-12	-92.643E-6	1.8529E-9
1	Grid	119.97942	18.59540	106.80000	-0.75575	106.78	-4.4358E-12	-88.324E-6	1.7665E-9
1	Grid	121.97460	18.59540	106.80000	-0.65339	106.78	-4.0994E-12	-84.268E-6	1.6854E-9
1	Grid	123.96978	18.59540	106.80000	-0.56570	106.78	-3.7943E-12	-80.456E-6	1.6091E-9
1	Grid	125.96496	18.59540	106.80000	-0.49497	106.78	-3.5159E-12	-76.870E-6	1.5374E-9
1	Grid	127.96014	18.59540	106.80000	-0.42515	106.78	-3.2587E-12	-73.494E-6	1.4699E-9
1	Grid	129.95532	18.59540	106.80000	-0.36875	106.78	-3.0256E-12	-70.312E-6	1.4062E-9
1	Grid	131.95050	18.59540	106.80000	-0.31975	106.78	-2.8137E-12	-67.312E-6	1.3462E-9
1	Grid	133.94568	18.59540	106.80000	-0.27708	106.78	-2.6152E-12	-64.479E-6	1.2896E-9
1	Grid	135.94086	18.59540	106.80000	-0.23929	106.78	-2.4367E-12	-61.802E-6	1.2360E-9
1	Grid	137.93604	18.59540	106.80000	-0.20727	106.78	-2.2742E-12	-59.272E-6	1.1854E-9
1	Grid	139.93122	18.59540	106.80000	-0.17874	106.78	-2.1216E-12	-56.878E-6	1.1376E-9
1	Grid	141.92640	18.59540	106.80000	-0.15370	106.78	-1.9817E-12	-54.610E-6	1.0922E-9

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term							Job No.	Sheet No.	Rev.		
							3244				
							Drg. Ref.				
							Made by AC	Date	Checked		
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain		
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]		
1	Grid	-73.55302	20.47014	106.80000	-0.07155	106.78	-92.792E-12	-529.32E-6	10.586E-9		
1	Grid	-71.55784	20.47014	106.80000	-0.08530	106.78	-107.80E-12	-577.47E-6	11.549E-9		
1	Grid	-69.56266	20.47014	106.80000	-0.10096	106.78	-125.83E-12	-631.63E-6	12.633E-9		
1	Grid	-67.56748	20.47014	106.80000	-0.11877	106.78	-147.63E-12	-692.79E-6	13.856E-9		
1	Grid	-65.57230	20.47014	106.80000	-0.13904	106.78	-174.17E-12	-762.10E-6	15.242E-9		
1	Grid	-63.57712	20.47014	106.80000	-0.16212	106.78	-206.70E-12	-841.00E-6	16.820E-9		
1	Grid	-61.58194	20.47014	106.80000	-0.18840	106.78	-246.87E-12	-931.18E-6	18.624E-9		
1	Grid	-59.58676	20.47014	106.80000	-0.21835	106.78	-296.90E-12	-0.0010348	20.695E-9		
1	Grid	-57.59158	20.47014	106.80000	-0.25250	106.78	-359.74E-12	-0.0011543	23.087E-9		
1	Grid	-55.59640	20.47014	106.80000	-0.29146	106.78	-439.47E-12	-0.0012931	25.863E-9		
1	Grid	-53.60122	20.47014	106.80000	-0.33597	106.78	-541.68E-12	-0.0014552	29.104E-9		
1	Grid	-51.60604	20.47014	106.80000	-0.38687	106.78	-674.28E-12	-0.0016457	32.913E-9		
1	Grid	-49.61086	20.47014	106.80000	-0.44513	106.78	-848.53E-12	-0.0018711	37.422E-9		
1	Grid	-47.61568	20.47014	106.80000	-0.51198	106.78	-1.0808E-9	-0.0021401	42.801E-9		
1	Grid	-45.62050	20.47014	106.80000	-0.58875	106.78	-1.3956E-9	-0.0024636	49.273E-9		
1	Grid	-43.62532	20.47014	106.80000	-0.67712	106.78	-1.8301E-9	-0.0028567	57.134E-9		
1	Grid	-41.63014	20.47014	106.80000	-0.77909	106.78	-2.4425E-9	-0.0033394	66.788E-9		
1	Grid	-39.63496	20.47014	106.80000	-0.89705	106.78	-3.3272E-9	-0.0039394	78.788E-9		
1	Grid	-37.63978	20.47014	106.80000	-1.03395	106.78	-4.6422E-9	-0.0046958	93.915E-9		
1	Grid	-35.64460	20.47014	106.80000	-1.19335	106.78	-6.6652E-9	-0.0056649	113.30E-9		
1	Grid	-33.64942	20.47014	106.80000	-1.37965	106.78	-9.9097E-9	-0.0069309	138.62E-9		
1	Grid	-31.65424	20.47014	106.80000	-1.59822	106.78	-15.388E-9	-0.0086233	172.46E-9		
1	Grid	-29.65906	20.47014	106.80000	-1.85557	106.78	-25.251E-9	-0.010950	219.00E-9		
1	Grid	-27.66388	20.47014	106.80000	-2.15934	106.78	-44.502E-9	-0.014260	285.20E-9		
1	Grid	-25.66871	20.47014	106.80000	-2.51793	106.78	-85.947E-9	-0.019160	383.19E-9		
1	Grid	-23.67353	20.47014	106.80000	-2.93920	106.78	-184.47E-9	-0.026687	533.71E-9		
1	Grid	-21.67835	20.47014	106.80000	-3.42627	106.78	-421.28E-9	-0.038186	763.66E-9		
1	Grid	-19.68317	20.47014	106.80000	-3.96476	106.78	-834.44E-9	-0.053196	1.0638E-6		
1	Grid	-17.68799	20.47014	106.80000	-4.51789	106.78	-1.1859E-6	-0.067018	1.3402E-6		
1	Grid	-15.69281	20.47014	106.80000	-5.06384	106.78	-1.3519E-6	-0.076539	1.5306E-6		
1	Grid	-13.69763	20.47014	106.80000	-5.57854	106.78	-1.4194E-6	-0.082507	1.6500E-6		
1	Grid	-11.70245	20.47014	106.80000	-5.99692	106.78	-1.4484E-6	-0.086200	1.7238E-6		
1	Grid	-9.70727	20.47014	106.80000	-6.29541	106.78	-1.4617E-6	-0.088419	1.7682E-6		
1	Grid	-7.71209	20.47014	106.80000	-6.49229	106.78	-1.4675E-6	-0.089592	1.7917E-6		
1	Grid	-5.71691	20.47014	106.80000	-6.60697	106.78	-1.4690E-6	-0.089921	1.7982E-6		
1	Grid	-3.72173	20.47014	106.80000	-6.65183	106.78	-1.4667E-6	-0.089454	1.7899E-6		
1	Grid	-1.72655	20.47014	106.80000	-6.63350	106.78	-1.4596E-6	-0.088108	1.7620E-6		
1	Grid	0.26863	20.47014	106.80000	-6.55487	106.78	-1.4438E-6	-0.085638	1.7126E-6		
1	Grid	2.26381	20.47014	106.80000	-6.41723	106.78	-1.4089E-6	-0.081544	1.6307E-6		
1	Grid	4.25899	20.47014	106.80000	-6.22549	106.78	-1.3262E-6	-0.074914	1.4981E-6		
1	Grid	6.25417	20.47014	106.80000	-6.00931	106.78	-1.1237E-6	-0.064414	1.2881E-6		
1	Grid	8.24935	20.47014	106.80000	-5.94656	106.78	-733.81E-9	-0.049869	997.29E-9		
1	Grid	10.24453	20.47014	106.80000	-7.93588	106.78	-349.78E-9	-0.035376	707.47E-9		
1	Grid	12.23971	20.47014	106.80000	-7.59967	106.78	-153.77E-9	-0.024872	497.43E-9		
1	Grid	14.23489	20.47014	106.80000	-4.43324	106.78	-73.47E-9	-0.018057	361.13E-9		
1	Grid	16.23007	20.47014	106.80000	-3.34918	106.78	-88.99E-9	-0.013584	271.67E-9		
1	Grid	18.22525	20.47014	106.80000	-2.74353	106.78	-22.58E-9	-0.010528	210.57E-9		
1	Grid	20.22043	20.47014	106.80000	-2.31682	106.78	-13.997E-9	-0.0083579	167.16E-9		
1	Grid	22.21561	20.47014	106.80000	-1.99351	106.78	-9.1424E-9	-0.0067644	135.29E-9		
1	Grid	24.21079	20.47014	106.80000	-1.74017	106.78	-6.2242E-9	-0.0055623	111.25E-9		
1	Grid	26.20597	20.47014	106.80000	-1.53828	106.78	-4.3814E-9	-0.0046352	92.703E-9		
1	Grid	28.20115	20.47014	106.80000	-1.37632	106.78	-3.1700E-9	-0.0039066	78.132E-9		
1	Grid	30.19633	20.47014	106.80000	-1.24666	106.78	-2.3468E-9	-0.0033251	66.502E-9		
1	Grid	32.19151	20.47014	106.80000	-1.14401	106.78	-1.7717E-9	-0.0028547	57.093E-9		
1	Grid	34.18669	20.47014	106.80000	-1.06466	106.78	-1.3604E-9	-0.0024696	49.391E-9		
1	Grid	36.18187	20.47014	106.80000	-1.00611	106.78	-1.0600E-9	-0.0021510	43.021E-9		
1	Grid	38.17705	20.47014	106.80000	-0.96628	106.78	-836.76E-12	-0.0018852	37.704E-9		
1	Grid	40.17223	20.47014	106.80000	-0.94439	106.78	-668.23E-12	-0.0016615	33.229E-9		
1	Grid	42.16741	20.47014	106.80000	-0.93980	106.78	-539.21E-12	-0.0014718	29.436E-9		
1	Grid	44.16259	20.47014	106.80000	-0.95252	106.78	-439.20E-12	-0.0013099	26.198E-9		
1	Grid	46.15777	20.47014	106.80000	-0.98308	106.78	-360.80E-12	-0.0011708	23.417E-9		
1	Grid	48.15295	20.47014	106.80000	-1.03256	106.78	-298.71E-12	-0.0010507	21.015E-9		
1	Grid	50.14813	20.47014	106.80000	-1.10264	106.78	-249.08E-12	-946.48E-6	18.930E-9		
1	Grid	52.14331	20.47014	106.80000	-1.19579	106.78	-209.07E-12	-855.52E-6	17.110E-9		
1	Grid	54.13849	20.47014	106.80000	-1.31537	106.78	-176.56E-12	-775.80E-6	15.516E-9		
1	Grid	56.13367	20.47014	106.80000	-1.46593	106.78	-149.95E-12	-705.65E-6	14.113E-9		
1	Grid	58.12885	20.47014	106.80000	-1.65361	106.78	-128.02E-12	-643.67E-6	12.873E-9		
1	Grid	60.12403	20.47014	106.80000	-1.88673	106.78	-109.84E-12	-588.70E-6	11.774E-9		
1	Grid	62.11921	20.47014	106.80000	-2.17675	106.78	-94.684E-12	-539.79E-6	10.796E-9		
1	Grid	64.11439	20.47014	106.80000	-2.53980	106.78	-81.968E-12	-496.13E-6	9.9226E-9		
1	Grid	66.10957	20.47014	106.80000	-2.98945	106.78	-71.251E-12	-457.03E-6	9.1406E-9		
1	Grid	68.10475	20.47014	106.80000	-3.59195	106.78	-62.174E-12	-421.91E-6	8.4383E-9		
1	Grid	70.09993	20.47014	106.80000	-4.37722	106.78	-54.450E-12	-390.29E-6	7.8057E-9		
1	Grid	72.09511	20.47014	106.80000	-5.46592	106.78	-47.853E-12	-361.73E-6	7.2346E-9		
1	Grid	74.09029	20.47014	106.80000	-7.10681	106.78	-42.187E-12	-335.88E-6	6.7176E-9		
1	Grid	76.08547	20.47014	106.80000	-10.24215	106.78	-37.313E-12	-312.42E-6	6.2484E-9		
1	Grid	78.08065	20.47014	106.80000	-16.41622	106.78	-33.098E-12	-291.09E-6	5.8218E-9		
1	Grid	80.07583	20.47014	106.80000	-18.56690	106.78	-29.442E-12	-271.65E-6	5.4329E-9		
1	Grid	82.07101	20.47014	106.80000	-19.62048	106.78	-26.259E-12	-253.89E-6	5.0778E-9		
1	Grid	84.06619	20.47014	106.80000	-20.05887	106.78	-23.481E-12	-237.64E-6	4.7528E-9		
1	Grid	86.06137	20.47014	106.80000	-20.00972	106.78	-21.048E-12	-222.74E-6	4.4549E-9		
1	Grid	88.06655	20.47014	106.80000	-19.46546	106.78	-18.910E-12	-209.06E-6	4.1812E-9		
1	Grid	90.05173	20.47014	106.80000	-18.27335	106.78	-17.030E-12	-196.47E-6	3.9294E-9		
1	Grid	92.04691	20.47014	106.80000	-15.83771	106.78	-15.366E-12	-184.87E-6	3.6974E-9		
1	Grid	94.04209	20.47014	106.80000	-9.46803	106.78	-13.895E-12	-174.16E-6	3.4832E-9		
1	Grid	96.03727	20.47014	106.80000	-6.67430	106.78	-12.591E-12	-164.26E-6	3.2852E-9		
1	Grid	98.03245	20.47014	106.80000	-5.11981	106.78	-11.428E-12	-155.09E-6	3.1018E-9		
1	Grid	100.02763	20.47014	106.80000	-4.07114	106.78	-10.394E-12	-146.59E-6	2.9318E-9		
1	Grid	102.02281	20.47014	106.80000	-3.30851	106.78	-9.4698E-12	-138.70E-6	2.7740E-9		
1	Grid	104.01799	20.47014	106.80000	-2.72961	106.78	-8.6404E-12	-131.36E-6	2.6272E-9		
1	Grid	106.01317	20.47014	106.80000	-2.27741	106.78	-7.8997E-12	-124.53E-6	2.4906E-9		
1	Grid	108.00835	20.47014	106.80000	-1.9						



Highgate Junior School Sports Hall Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]
1	Grid	-93.50482	22.34489	106.80000	-0.00138	106.78	-25.022E-12	-245.62E-6	4.9124E-9
1	Grid	-91.50564	22.34489	106.80000	-0.00217	106.78	-29.036E-12	-262.63E-6	5.2526E-9
1	Grid	-89.51446	22.34489	106.80000	-0.00623	106.78	-31.495E-12	-281.24E-6	5.6248E-9
1	Grid	-87.51928	22.34489	106.80000	-0.01088	106.78	-35.485E-12	-301.64E-6	6.0329E-9
1	Grid	-85.52410	22.34489	106.80000	-0.01618	106.78	-40.094E-12	-324.06E-6	6.4812E-9
1	Grid	-83.52892	22.34489	106.80000	-0.02224	106.78	-45.442E-12	-348.75E-6	6.9750E-9
1	Grid	-81.53374	22.34489	106.80000	-0.02913	106.78	-51.674E-12	-376.00E-6	7.5200E-9
1	Grid	-79.53856	22.34489	106.80000	-0.03698	106.78	-58.960E-12	-406.15E-6	8.1230E-9
1	Grid	-77.54338	22.34489	106.80000	-0.04591	106.78	-67.517E-12	-439.60E-6	8.7920E-9
1	Grid	-75.54820	22.34489	106.80000	-0.05606	106.78	-77.619E-12	-476.81E-6	9.5363E-9
1	Grid	-73.55302	22.34489	106.80000	-0.06760	106.78	-89.596E-12	-518.33E-6	10.367E-9
1	Grid	-71.55784	22.34489	106.80000	-0.08071	106.78	-103.87E-12	-564.79E-6	11.296E-9
1	Grid	-69.56266	22.34489	106.80000	-0.09561	106.78	-120.97E-12	-616.95E-6	12.339E-9
1	Grid	-67.56748	22.34489	106.80000	-0.11253	106.78	-141.58E-12	-675.71E-6	13.514E-9
1	Grid	-65.57230	22.34489	106.80000	-0.13175	106.78	-166.58E-12	-742.15E-6	14.843E-9
1	Grid	-63.57712	22.34489	106.80000	-0.15359	106.78	-197.09E-12	-817.56E-6	16.351E-9
1	Grid	-61.58194	22.34489	106.80000	-0.17841	106.78	-234.62E-12	-903.49E-6	18.070E-9
1	Grid	-59.58676	22.34489	106.80000	-0.20662	106.78	-281.11E-12	-0.0010019	20.037E-9
1	Grid	-57.59158	22.34489	106.80000	-0.23870	106.78	-339.20E-12	-0.0011150	22.300E-9
1	Grid	-55.59640	22.34489	106.80000	-0.27521	106.78	-412.44E-12	-0.0012458	24.916E-9
1	Grid	-53.60122	22.34489	106.80000	-0.31677	106.78	-505.69E-12	-0.0013978	27.956E-9
1	Grid	-51.60604	22.34489	106.80000	-0.36413	106.78	-625.71E-12	-0.0015755	31.509E-9
1	Grid	-49.61086	22.34489	106.80000	-0.41814	106.78	-782.02E-12	-0.0017845	35.691E-9
1	Grid	-47.61568	22.34489	106.80000	-0.47980	106.78	-988.27E-12	-0.0020322	40.645E-9
1	Grid	-45.62050	22.34489	106.80000	-0.55027	106.78	-1.2644E-9	-0.0023279	46.558E-9
1	Grid	-43.62532	22.34489	106.80000	-0.63049	106.78	-1.6402E-9	-0.0026494	53.616E-9
1	Grid	-41.63014	22.34489	106.80000	-0.72334	106.78	-2.1612E-9	-0.0031162	62.324E-9
1	Grid	-39.63496	22.34489	106.80000	-0.82943	106.78	-2.8986E-9	-0.0036468	72.936E-9
1	Grid	-37.63978	22.34489	106.80000	-0.95140	106.78	-3.9679E-9	-0.0043055	86.109E-9
1	Grid	-35.64460	22.34489	106.80000	-1.09185	106.78	-5.5622E-9	-0.0051335	102.67E-9
1	Grid	-33.64942	22.34489	106.80000	-1.25279	106.78	-8.0176E-9	-0.0061894	123.79E-9
1	Grid	-31.65424	22.34489	106.80000	-1.44064	106.78	-11.943E-9	-0.0075574	151.15E-9
1	Grid	-29.65906	22.34489	106.80000	-1.65614	106.78	-18.492E-9	-0.0093606	187.21E-9
1	Grid	-27.66388	22.34489	106.80000	-1.90399	106.78	-29.920E-9	-0.011778	235.55E-9
1	Grid	-25.66871	22.34489	106.80000	-2.18724	106.78	-50.658E-9	-0.015058	301.15E-9
1	Grid	-23.67353	22.34489	106.80000	-2.50677	106.78	-88.561E-9	-0.019490	389.71E-9
1	Grid	-21.67835	22.34489	106.80000	-2.85954	106.78	-152.47E-9	-0.025207	504.13E-9
1	Grid	-19.68317	22.34489	106.80000	-3.23485	106.78	-237.50E-9	-0.031751	635.00E-9
1	Grid	-17.68799	22.34489	106.80000	-3.61651	106.78	-315.94E-9	-0.037994	759.84E-9
1	Grid	-15.69281	22.34489	106.80000	-3.98751	106.78	-368.08E-9	-0.043022	860.39E-9
1	Grid	-13.69763	22.34489	106.80000	-4.32825	106.78	-397.25E-9	-0.046670	933.35E-9
1	Grid	-11.70245	22.34489	106.80000	-4.61507	106.78	-412.76E-9	-0.049160	983.16E-9
1	Grid	-9.70727	22.34489	106.80000	-4.83553	106.78	-420.85E-9	-0.050749	1.0149E-6
1	Grid	-7.71209	22.34489	106.80000	-4.98988	106.78	-424.68E-9	-0.051618	1.0323E-6
1	Grid	-5.71691	22.34489	106.80000	-5.08395	106.78	-425.67E-9	-0.051864	1.0372E-6
1	Grid	-3.72173	22.34489	106.80000	-5.12242	106.78	-424.13E-9	-0.051424	1.0322E-6
1	Grid	-1.72655	22.34489	106.80000	-5.11245	106.78	-419.54E-9	-0.050525	1.0104E-6
1	Grid	0.26863	22.34489	106.80000	-5.05399	106.78	-410.16E-9	-0.048777	975.50E-9
1	Grid	2.26381	22.34489	106.80000	-4.95133	106.78	-392.24E-9	-0.046071	921.37E-9
1	Grid	4.25899	22.34489	106.80000	-4.81181	106.78	-358.69E-9	-0.042140	842.76E-9
1	Grid	6.26409	22.34489	106.80000	-4.65653	106.78	-300.24E-9	-0.036809	736.35E-9
1	Grid	8.24935	22.34489	106.80000	-4.54392	106.78	-217.63E-9	-0.030401	607.98E-9
1	Grid	10.24453	22.34489	106.80000	-4.51783	106.78	-135.57E-9	-0.023965	479.29E-9
1	Grid	12.23971	22.34489	106.80000	-4.47986	106.78	-78.022E-9	-0.018530	370.59E-9
1	Grid	14.23489	22.34489	106.80000	-3.46544	106.78	-44.899E-9	-0.014381	287.61E-9
1	Grid	16.23007	22.34489	106.80000	-2.46632	106.78	-26.833E-9	-0.0091295	226.33E-9
1	Grid	18.22525	22.34489	106.80000	-2.41743	106.78	-16.795E-9	-0.0090513	181.002E-9
1	Grid	20.22043	22.34489	106.80000	-2.08026	106.78	-10.978E-9	-0.0073519	147.04E-9
1	Grid	22.21561	22.34489	106.80000	-1.81398	106.78	-7.4511E-9	-0.0060545	121.09E-9
1	Grid	24.21079	22.34489	106.80000	-1.60010	106.78	-5.2208E-9	-0.0050471	100.94E-9
1	Grid	26.20597	22.34489	106.80000	-1.42697	106.78	-3.7580E-9	-0.0042523	85.046E-9
1	Grid	28.20115	22.34489	106.80000	-1.28675	106.78	-2.7678E-9	-0.0036166	72.332E-9
1	Grid	30.19633	22.34489	106.80000	-1.17396	106.78	-2.0791E-9	-0.0031017	62.034E-9
1	Grid	32.19151	22.34489	106.80000	-1.08470	106.78	-1.5887E-9	-0.0026801	53.602E-9
1	Grid	34.18669	22.34489	106.80000	-1.01615	106.78	-1.2324E-9	-0.0023314	46.628E-9
1	Grid	36.18187	22.34489	106.80000	-0.96632	106.78	-968.68E-12	-0.002051	40.810E-9
1	Grid	38.17705	22.34489	106.80000	-0.93387	106.78	-770.47E-12	-0.0017959	35.918E-9
1	Grid	40.17223	22.34489	106.80000	-0.91803	106.78	-619.35E-12	-0.0015886	31.773E-9
1	Grid	42.16741	22.34489	106.80000	-0.91850	106.78	-502.67E-12	-0.0014119	28.238E-9
1	Grid	44.16259	22.34489	106.80000	-0.93543	106.78	-411.54E-12	-0.0012603	25.206E-9
1	Grid	46.15777	22.34489	106.80000	-0.96949	106.78	-339.62E-12	-0.0011295	22.590E-9
1	Grid	48.15295	22.34489	106.80000	-1.02183	106.78	-282.33E-12	-0.0010161	20.321E-9
1	Grid	50.14813	22.34489	106.80000	-1.09423	106.78	-236.29E-12	-917.20E-6	18.344E-9
1	Grid	52.14331	22.34489	106.80000	-1.18917	106.78	-198.99E-12	-830.66E-6	16.613E-9
1	Grid	54.13849	22.34489	106.80000	-1.31005	106.78	-168.55E-12	-754.60E-6	15.092E-9
1	Grid	56.13367	22.34489	106.80000	-1.46144	106.78	-143.54E-12	-687.47E-6	13.749E-9
1	Grid	58.12885	22.34489	106.80000	-1.64951	106.78	-122.86E-12	-628.02E-6	12.560E-9
1	Grid	60.12403	22.34489	106.80000	-1.88258	106.78	-105.65E-12	-575.17E-6	11.503E-9
1	Grid	62.11921	22.34489	106.80000	-2.17208	106.78	-91.264E-12	-528.05E-6	10.561E-9
1	Grid	64.11439	22.34489	106.80000	-2.53403	106.78	-79.161E-12	-485.90E-6	9.7179E-9
1	Grid	66.10957	22.34489	106.80000	-2.99179	106.78	-68.936E-12	-448.00E-6	8.9616E-9
1	Grid	68.10475	22.34489	106.80000	-3.58113	106.78	-60.252E-12	-414.06E-6	8.2812E-9
1	Grid	70.09993	22.34489	106.80000	-4.36126	106.78	-52.848E-12	-383.37E-6	7.6675E-9
1	Grid	72.09511	22.34489	106.80000	-5.44200	106.78	-46.511E-12	-355.62E-6	7.1125E-9
1	Grid	74.09029	22.34489	106.80000	-7.07135	106.78	-41.062E-12	-330.47E-6	6.6094E-9
1	Grid	76.08547	22.34489	106.80000	-9.24042	106.78	-36.360E-12	-307.42E-6	6.1524E-9
1	Grid	78.08065	22.34489	106.80000	-16.35209	106.78	-32.291E-12	-286.81E-6	5.7363E-9
1	Grid	80.07583	22.34489	106.80000	-18.49186	106.78	-28.752E-12	-267.83E-6	5.3566E-9
1	Grid	82.07101	22.34489	106.80000	-19.53521	106.78	-25.671E-12	-250.47E-6	5.0095E-9
1	Grid	84.06619	22.34489	106.80000	-19.96644	106.78	-22.976E-12	-234.58E-6	4.6916E-9
1	Grid	86.06137	22.34489	106.80000	-19.91434	106.78	-20.613E-12	-219.99E-6	4.3998E-9
1	Grid	88.05655	22.34489	106.80000	-19.37098	106.78	-18.537E-12	-206.58E-6	4.1316E-9
1	Grid	90.05173	22.34489	106.80000	-18.18418	106.78	-16.704E-12	-194.23E-6	3.8846E-9
1	Grid	92.04691	22.34489	106.80000	-15.75888	106.78	-15.087E-12	-182.84E-6	3.6569E-9
1	Grid	94.04209	22.34489	106.80000	-9.39927	106.78	-13.652E-12	-172.32E-6	3.4465E-9
1	Grid	96.03727	22.34489	106.80000	-6.62116	106.78	-12.379E-12	-162.59E-6	3.2518E-9
1	Grid	98.03245	22.34489	106.80000	-5.06706	106.78	-11.242E-12	-153.57E-6	3.0715E-9
1	Grid	100.02763	22.34489	106.80000	-4.02785	106.78	-10.232E-12	-145.21E-6	2.9042E-9
1	Grid	102.02281	22.34489	106.80000	-3.27394	106.78</			



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	165.96856	22.34489	106.80000	-0.01109	106.78	0.0	-34.591E-12	691.83E-12
1	Grid	167.86374	22.34489	106.80000	-0.00606	106.78	0.0	-33.420E-12	668.40E-12
1	Grid	169.85892	22.34489	106.80000	-0.00162	106.78	0.0	-32.301E-12	646.01E-12
1	Grid	171.85410	22.34489	106.80000	0.00228	106.78	0.0	-31.231E-12	624.61E-12
1	Grid	173.84928	22.34489	106.80000	0.00570	106.78	0.0	-30.207E-12	604.15E-12
1	Grid	175.84446	22.34489	106.80000	-0.00870	106.78	0.0	-29.228E-12	584.56E-12
1	Grid	177.83964	22.34489	106.80000	0.01133	106.78	0.0	-28.291E-12	565.81E-12
1	Grid	179.83482	22.34489	106.80000	0.01361	106.78	0.0	-27.393E-12	547.86E-12
1	Grid	181.83000	22.34489	106.80000	0.01560	106.78	0.0	-26.533E-12	530.65E-12
1	Grid	-95.50000	24.21964	106.80000	0.00528	106.78	-21.894E-12	-228.96E-6	4.5392E-9
1	Grid	-93.54882	24.21964	106.80000	-0.00232	106.78	-24.442E-12	-242.18E-6	4.8436E-9
1	Grid	-91.50964	24.21964	106.80000	-0.00108	106.78	-27.357E-12	-258.79E-6	5.1758E-9
1	Grid	-89.51446	24.21964	106.80000	-0.00498	106.78	-30.701E-12	-276.94E-6	5.5389E-9
1	Grid	-87.51928	24.21964	106.80000	-0.00943	106.78	-34.544E-12	-296.82E-6	5.9365E-9
1	Grid	-85.52410	24.21964	106.80000	-0.01451	106.78	-38.981E-12	-318.64E-6	6.3728E-9
1	Grid	-83.52928	24.21964	106.80000	-0.02030	106.78	-44.123E-12	-342.63E-6	6.8526E-9
1	Grid	-81.53374	24.21964	106.80000	-0.02688	106.78	-50.095E-12	-369.08E-6	7.3815E-9
1	Grid	-79.53856	24.21964	106.80000	-0.03438	106.78	-57.068E-12	-398.29E-6	7.9659E-9
1	Grid	-77.54338	24.21964	106.80000	-0.04289	106.78	-65.238E-12	-430.66E-6	8.6131E-9
1	Grid	-75.54820	24.21964	106.80000	-0.05256	106.78	-74.856E-12	-466.59E-6	9.3319E-9
1	Grid	-73.55302	24.21964	106.80000	-0.06302	106.78	-86.225E-12	-506.61E-6	1.0122E-8
1	Grid	-71.55784	24.21964	106.80000	-0.07599	106.78	-99.736E-12	-551.30E-6	1.1026E-8
1	Grid	-69.56266	24.21964	106.80000	-0.09012	106.78	-115.87E-12	-601.36E-6	1.2027E-8
1	Grid	-67.56748	24.21964	106.80000	-0.10613	106.78	-135.25E-12	-657.61E-6	1.3152E-8
1	Grid	-65.57230	24.21964	106.80000	-0.12429	106.78	-158.66E-12	-721.04E-6	1.4421E-8
1	Grid	-63.57712	24.21964	106.80000	-0.14489	106.78	-187.12E-12	-792.42E-6	1.5851E-8
1	Grid	-61.58194	24.21964	106.80000	-0.16822	106.78	-221.93E-12	-874.36E-6	1.7487E-8
1	Grid	-59.58676	24.21964	106.80000	-0.19469	106.78	-264.85E-12	-967.36E-6	1.9347E-8
1	Grid	-57.59158	24.21964	106.80000	-0.22471	106.78	-318.15E-12	-0.0010739	21.478E-9
1	Grid	-55.59640	24.21964	106.80000	-0.25876	106.78	-384.90E-12	-0.0011965	23.929E-9
1	Grid	-53.60122	24.21964	106.80000	-0.29740	106.78	-469.26E-12	-0.0013922	26.765E-9
1	Grid	-51.60604	24.21964	106.80000	-0.34127	106.78	-576.90E-12	-0.0015030	30.060E-9
1	Grid	-49.61086	24.21964	106.80000	-0.39109	106.78	-715.73E-12	-0.0016957	33.913E-9
1	Grid	-47.61568	24.21964	106.80000	-0.44769	106.78	-896.89E-12	-0.0019223	38.445E-9
1	Grid	-45.62050	24.21964	106.80000	-0.51205	106.78	-1.1363E-9	-0.0021905	43.809E-9
1	Grid	-43.62532	24.21964	106.80000	-0.58562	106.78	-1.4572E-9	-0.0025102	50.204E-9
1	Grid	-41.63014	24.21964	106.80000	-0.66858	106.78	-1.8941E-9	-0.0028942	57.894E-9
1	Grid	-39.63496	24.21964	106.80000	-0.76347	106.78	-2.4993E-9	-0.0033592	67.185E-9
1	Grid	-37.63978	24.21964	106.80000	-0.87155	106.78	-3.3539E-9	-0.0039272	78.544E-9
1	Grid	-35.64460	24.21964	106.80000	-0.99465	106.78	-4.5867E-9	-0.0046274	92.548E-9
1	Grid	-33.64942	24.21964	106.80000	-1.13475	106.78	-6.4068E-9	-0.0054982	109.80E-9
1	Grid	-31.65424	24.21964	106.80000	-1.29394	106.78	-9.1604E-9	-0.0065935	131.87E-9
1	Grid	-29.65906	24.21964	106.80000	-1.47417	106.78	-13.427E-9	-0.0079798	159.59E-9
1	Grid	-27.66388	24.21964	106.80000	-1.67702	106.78	-20.160E-9	-0.0097430	194.86E-9
1	Grid	-25.66871	24.21964	106.80000	-1.90306	106.78	-30.820E-9	-0.011976	239.53E-9
1	Grid	-23.67353	24.21964	106.80000	-2.15119	106.78	-47.182E-9	-0.015119	294.19E-9
1	Grid	-21.67835	24.21964	106.80000	-2.41722	106.78	-70.121E-9	-0.018012	360.22E-9
1	Grid	-19.68317	24.21964	106.80000	-2.69416	106.78	-97.320E-9	-0.021541	430.80E-9
1	Grid	-17.68799	24.21964	106.80000	-2.97192	106.78	-123.22E-9	-0.024943	498.84E-9
1	Grid	-15.69281	24.21964	106.80000	-3.23897	106.78	-143.28E-9	-0.027872	557.43E-9
1	Grid	-13.69763	24.21964	106.80000	-3.49806	106.78	-156.74E-9	-0.030176	603.92E-9
1	Grid	-11.70245	24.21964	106.80000	-3.69165	106.78	-165.05E-9	-0.031858	637.13E-9
1	Grid	-9.70727	24.21964	106.80000	-3.85753	106.78	-169.87E-9	-0.032982	659.62E-9
1	Grid	-7.71209	24.21964	106.80000	-3.97796	106.78	-172.30E-9	-0.033614	672.26E-9
1	Grid	-5.71691	24.21964	106.80000	-4.05391	106.78	-172.94E-9	-0.033796	675.90E-9
1	Grid	-3.72173	24.21964	106.80000	-4.08194	106.78	-171.95E-9	-0.033611	670.71E-9
1	Grid	-1.72655	24.21964	106.80000	-4.08140	106.78	-169.07E-9	-0.032824	656.45E-9
1	Grid	0.26863	24.21964	106.80000	-4.03762	106.78	-163.59E-9	-0.031601	631.99E-9
1	Grid	2.26381	24.21964	106.80000	-3.95927	106.78	-154.28E-9	-0.029801	596.00E-9
1	Grid	4.25899	24.21964	106.80000	-3.85134	106.78	-139.41E-9	-0.027366	547.30E-9
1	Grid	6.25417	24.21964	106.80000	-3.72234	106.78	-117.83E-9	-0.024318	486.36E-9
1	Grid	8.24935	24.21964	106.80000	-3.58037	106.78	-91.119E-9	-0.020859	417.18E-9
1	Grid	10.24453	24.21964	106.80000	-3.40645	106.78	-64.473E-9	-0.017364	347.27E-9
1	Grid	12.23971	24.21964	106.80000	-3.14072	106.78	-42.979E-9	-0.014200	283.99E-9
1	Grid	14.23489	24.21964	106.80000	-2.78570	106.78	-28.056E-9	-0.011553	231.06E-9
1	Grid	16.23007	24.21964	106.80000	-2.42486	106.78	-18.440E-9	-0.009411	189.62E-9
1	Grid	18.22525	24.21964	106.80000	-2.11568	106.78	-12.371E-9	-0.0077569	155.14E-9
1	Grid	20.22043	24.21964	106.80000	-1.85631	106.78	-8.5086E-9	-0.0064377	128.75E-9
1	Grid	22.21561	24.21964	106.80000	-1.64178	106.78	-5.9995E-9	-0.0053923	107.85E-9
1	Grid	24.21079	24.21964	106.80000	-1.46458	106.78	-4.3290E-9	-0.0045566	91.132E-9
1	Grid	26.20597	24.21964	106.80000	-1.31958	106.78	-3.1891E-9	-0.0038822	77.643E-9
1	Grid	28.20115	24.21964	106.80000	-1.19909	106.78	-2.3931E-9	-0.0033326	66.651E-9
1	Grid	30.19633	24.21964	106.80000	-1.10253	106.78	-1.8255E-9	-0.0028806	57.612E-9
1	Grid	32.19151	24.21964	106.80000	-1.02619	106.78	-1.4129E-9	-0.0025058	50.115E-9
1	Grid	34.18669	24.21964	106.80000	-0.96809	106.78	-1.1080E-9	-0.0021924	43.848E-9
1	Grid	36.18187	24.21964	106.80000	-0.92661	106.78	-879.05E-12	-0.001921	38.571E-9
1	Grid	38.17705	24.21964	106.80000	-0.90142	106.78	-704.83E-12	-0.0017049	34.098E-9
1	Grid	40.17223	24.21964	106.80000	-0.89142	106.78	-570.59E-12	-0.0015141	30.281E-9
1	Grid	42.16741	24.21964	106.80000	-0.89673	106.78	-465.97E-12	-0.0013503	27.006E-9
1	Grid	44.16259	24.21964	106.80000	-0.91765	106.78	-383.59E-12	-0.0012091	24.182E-9
1	Grid	46.15777	24.21964	106.80000	-0.95496	106.78	-318.11E-12	-0.0010866	21.732E-9
1	Grid	48.15295	24.21964	106.80000	-1.00988	106.78	-265.61E-12	-979.95E-6	19.599E-9
1	Grid	50.14813	24.21964	106.80000	-1.08424	106.78	-223.17E-12	-886.63E-6	17.733E-9
1	Grid	52.14331	24.21964	106.80000	-1.18056	106.78	-188.62E-12	-804.65E-6	16.093E-9
1	Grid	54.13849	24.21964	106.80000	-1.30226	106.78	-160.29E-12	-732.35E-6	14.647E-9
1	Grid	56.13367	24.21964	106.80000	-1.45394	106.78	-136.90E-12	-668.35E-6	13.367E-9
1	Grid	58.12885	24.21964	106.80000	-1.64178	106.78	-117.49E-12	-611.52E-6	12.230E-9
1	Grid	60.12403	24.21964	106.80000	-1.87415	106.78	-101.29E-12	-560.88E-6	11.218E-9
1	Grid	62.11921	24.21964	106.80000	-2.16250	106.78	-87.693E-12	-515.62E-6	10.312E-9
1	Grid	64.11439	24.21964	106.80000	-2.52287	106.78	-76.224E-12	-475.05E-6	9.5009E-9
1	Grid	66.10957	24.21964	106.80000	-2.97840	106.78	-66.504E-12	-388.58E-6	8.7715E-9
1	Grid	68.10475	24.21964	106.80000	-3.56423	106.78	-58.229E-12	-405.71E-6	8.1141E-9
1	Grid	70.09993	24.21964	106.80000	-4.33829	106.78	-51.162E-12	-376.01E-6	7.5202E-9
1	Grid	72.09511	24.21964	106.80000	-5.40862	106.78	-45.095E-12	-349.11E-6	6.9823E-9
1	Grid	74.09029	24.21964	106.80000	-7.02162	106.78	-39.867E-12	-324.70E-6	6.4940E-9
1	Grid	76.08547	24.21964	106.80000	-10.14432	106.78	-35.352E-12	-302.43E-6	5.9498E-9
1	Grid	78.08065	24.21964	106.80000	-16.25795	106.78	-31.436E-12	-282.24E-6	5.6448E-9
1	Grid	80.07583	24.21964	106.80000	-18.37859	106.78	-28.026E-12	-263.74E-6	5.2748E-9
1	Grid	82.07101	24.21964	106.80000	-19.40514	106.78	-25.047E-12	-246.81E-6	4.9363

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.	
						3244			
						Drg. Ref.			
						Made by AC	Date	Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[MOD]	[mm]	[MOD]	[kN/m²]	[kN/m²]	[µ]
1	Grid	145.91676	24.21964	106.80000	-0.11934	106.78	-1.6933E-12	-49.722E-6	994.43E-12
1	Grid	147.91194	24.21964	106.80000	-0.10182	106.78	-1.5841E-12	-47.832E-6	956.64E-12
1	Grid	149.90712	24.21964	106.80000	-0.08633	106.78	-1.4881E-12	-46.037E-6	920.74E-12
1	Grid	151.90230	24.21964	106.80000	-0.07263	106.78	-1.3989E-12	-44.330E-6	886.60E-12
1	Grid	153.89748	24.21964	106.80000	-0.06051	106.78	-1.3116E-12	-42.706E-6	854.13E-12
1	Grid	155.89266	24.21964	106.80000	-0.04978	106.78	-1.2350E-12	-41.161E-6	823.22E-12
1	Grid	157.88784	24.21964	106.80000	-0.04028	106.78	-1.1624E-12	-39.689E-6	793.77E-12
1	Grid	159.88302	24.21964	106.80000	-0.03188	106.78	-1.0945E-12	-38.286E-6	765.71E-12
1	Grid	161.87820	24.21964	106.80000	-0.02444	106.78	-1.0285E-12	-36.948E-6	738.95E-12
1	Grid	163.87338	24.21964	106.80000	-0.01787	106.78	0.0	-35.671E-6	713.43E-12
1	Grid	165.86856	24.21964	106.80000	-0.01206	106.78	0.0	-34.453E-6	689.06E-12
1	Grid	167.86374	24.21964	106.80000	-0.00693	106.78	0.0	-33.289E-6	665.78E-12
1	Grid	169.85892	24.21964	106.80000	-0.00241	106.78	0.0	-32.177E-6	643.54E-12
1	Grid	171.85410	24.21964	106.80000	0.00157	106.78	0.0	-31.145E-6	622.28E-12
1	Grid	173.84928	24.21964	106.80000	0.00507	106.78	0.0	-30.097E-6	601.94E-12
1	Grid	175.84446	24.21964	106.80000	0.00814	106.78	0.0	-29.124E-6	582.47E-12
1	Grid	177.83964	24.21964	106.80000	0.01083	106.78	0.0	-28.192E-6	563.83E-12
1	Grid	179.83482	24.21964	106.80000	0.01317	106.78	0.0	-27.299E-6	545.98E-12
1	Grid	181.83000	24.21964	106.80000	0.01521	106.78	0.0	-26.444E-6	528.87E-12
1	Grid	-95.50000	26.09439	106.80000	0.00612	106.78	-21.367E-12	-223.66E-6	4.4732E-9
1	Grid	-93.50482	26.09439	106.80000	0.00328	106.78	-23.829E-12	-238.51E-6	4.7702E-9
1	Grid	-91.50964	26.09439	106.80000	0.00003	106.78	-26.641E-12	-254.70E-6	5.0939E-9
1	Grid	-89.51446	26.09439	106.80000	-0.00369	106.78	-29.860E-12	-272.37E-6	5.4473E-9
1	Grid	-87.51928	26.09439	106.80000	-0.00794	106.78	-33.553E-12	-291.69E-6	5.8339E-9
1	Grid	-85.52410	26.09439	106.80000	-0.01279	106.78	-37.810E-12	-312.88E-6	6.2575E-9
1	Grid	-83.52892	26.09439	106.80000	-0.01830	106.78	-42.732E-12	-336.14E-6	6.7227E-9
1	Grid	-81.53374	26.09439	106.80000	-0.02458	106.78	-48.439E-12	-361.74E-6	7.2348E-9
1	Grid	-79.53856	26.09439	106.80000	-0.03171	106.78	-55.085E-12	-389.98E-6	7.7996E-9
1	Grid	-77.54338	26.09439	106.80000	-0.03981	106.78	-62.853E-12	-421.20E-6	8.4240E-9
1	Grid	-75.54820	26.09439	106.80000	-0.04899	106.78	-71.972E-12	-455.81E-6	9.1162E-9
1	Grid	-73.55302	26.09439	106.80000	-0.05939	106.78	-82.722E-12	-494.27E-6	9.8853E-9
1	Grid	-71.55784	26.09439	106.80000	-0.07118	106.78	-95.454E-12	-537.12E-6	10.742E-9
1	Grid	-69.56266	26.09439	106.80000	-0.08453	106.78	-110.61E-12	-585.00E-6	11.700E-9
1	Grid	-67.56748	26.09439	106.80000	-0.09963	106.78	-128.73E-12	-638.67E-6	12.773E-9
1	Grid	-65.57230	26.09439	106.80000	-0.11673	106.78	-150.54E-12	-699.01E-6	13.980E-9
1	Grid	-63.57712	26.09439	106.80000	-0.13673	106.78	-176.92E-12	-767.07E-6	15.341E-9
1	Grid	-61.58194	26.09439	106.80000	-0.15794	106.78	-209.03E-12	-844.12E-6	16.882E-9
1	Grid	-59.58676	26.09439	106.80000	-0.18268	106.78	-248.39E-12	-931.66E-6	18.633E-9
1	Grid	-57.59158	26.09439	106.80000	-0.21066	106.78	-296.96E-12	-0.0010315	20.630E-9
1	Grid	-55.59640	26.09439	106.80000	-0.24229	106.78	-357.35E-12	-0.0011459	22.917E-9
1	Grid	-53.60122	26.09439	106.80000	-0.27806	106.78	-433.07E-12	-0.0012774	25.548E-9
1	Grid	-51.60604	26.09439	106.80000	-0.31852	106.78	-528.81E-12	-0.0014294	28.588E-9
1	Grid	-49.61086	26.09439	106.80000	-0.36427	106.78	-651.03E-12	-0.0016059	32.119E-9
1	Grid	-47.61568	26.09439	106.80000	-0.41600	106.78	-808.63E-12	-0.0018120	36.239E-9
1	Grid	-45.62050	26.09439	106.80000	-0.47450	106.78	-1.0141E-9	-0.0020537	41.074E-9
1	Grid	-43.62532	26.09439	106.80000	-0.54065	106.78	-1.2851E-9	-0.0023390	46.781E-9
1	Grid	-41.63014	26.09439	106.80000	-0.61542	106.78	-1.6473E-9	-0.0026778	53.555E-9
1	Grid	-39.63496	26.09439	106.80000	-0.69990	106.78	-2.1378E-9	-0.0030823	61.647E-9
1	Grid	-37.63978	26.09439	106.80000	-0.79525	106.78	-2.8120E-9	-0.0035686	71.371E-9
1	Grid	-35.64460	26.09439	106.80000	-0.90273	106.78	-3.7528E-9	-0.0041564	83.129E-9
1	Grid	-33.64942	26.09439	106.80000	-1.02358	106.78	-5.0854E-9	-0.0048710	97.420E-9
1	Grid	-31.65424	26.09439	106.80000	-1.15898	106.78	-6.9990E-9	-0.0057432	114.86E-9
1	Grid	-29.65906	26.09439	106.80000	-1.30985	106.78	-9.7737E-9	-0.0068089	136.18E-9
1	Grid	-27.66388	26.09439	106.80000	-1.47660	106.78	-13.801E-9	-0.0081063	162.13E-9
1	Grid	-25.66871	26.09439	106.80000	-1.65878	106.78	-19.556E-9	-0.0096661	193.32E-9
1	Grid	-23.67353	26.09439	106.80000	-1.85463	106.78	-27.434E-9	-0.011492	229.84E-9
1	Grid	-21.67835	26.09439	106.80000	-2.06072	106.78	-37.380E-9	-0.013535	270.70E-9
1	Grid	-19.68317	26.09439	106.80000	-2.27177	106.78	-48.499E-9	-0.015674	313.47E-9
1	Grid	-17.68799	26.09439	106.80000	-2.48099	106.78	-59.233E-9	-0.017740	354.79E-9
1	Grid	-15.69281	26.09439	106.80000	-2.68065	106.78	-68.220E-9	-0.019576	391.51E-9
1	Grid	-13.69763	26.09439	106.80000	-2.86271	106.78	-74.921E-9	-0.021085	421.70E-9
1	Grid	-11.70245	26.09439	106.80000	-3.01994	106.78	-79.496E-9	-0.022235	444.69E-9
1	Grid	-9.70727	26.09439	106.80000	-3.14710	106.78	-82.358E-9	-0.023030	460.58E-9
1	Grid	-7.71209	26.09439	106.80000	-3.24148	106.78	-83.881E-9	-0.023487	469.72E-9
1	Grid	-5.71691	26.09439	106.80000	-3.30250	106.78	-84.293E-9	-0.023620	472.38E-9
1	Grid	-3.72173	26.09439	106.80000	-3.33077	106.78	-83.659E-9	-0.023433	468.65E-9
1	Grid	-1.72655	26.09439	106.80000	-3.32749	106.78	-81.874E-9	-0.022920	458.38E-9
1	Grid	0.26863	26.09439	106.80000	-3.29425	106.78	-78.674E-9	-0.022063	441.24E-9
1	Grid	2.26381	26.09439	106.80000	-3.23314	106.78	-73.660E-9	-0.020845	416.90E-9
1	Grid	4.25899	26.09439	106.80000	-3.14692	106.78	-66.443E-9	-0.019269	385.37E-9
1	Grid	6.25917	26.09439	106.80000	-3.03851	106.78	-56.983E-9	-0.017379	347.57E-9
1	Grid	8.24935	26.09439	106.80000	-2.90806	106.78	-46.021E-9	-0.015288	305.75E-9
1	Grid	10.24453	26.09439	106.80000	-2.74804	106.78	-35.047E-9	-0.013161	263.22E-9
1	Grid	12.23971	26.09439	106.80000	-2.54802	106.78	-25.526E-9	-0.011162	223.23E-9
1	Grid	14.23489	26.09439	106.80000	-2.31473	106.78	-18.148E-9	-0.009394	187.88E-9
1	Grid	16.23007	26.09439	106.80000	-2.04730	106.78	-12.825E-9	-0.007494	157.88E-9
1	Grid	18.22525	26.09439	106.80000	-1.84997	106.78	-9.1181E-9	-0.006493	132.98E-9
1	Grid	20.22043	26.09439	106.80000	-1.65170	106.78	-6.5639E-9	-0.005626	112.53E-9
1	Grid	22.21561	26.09439	106.80000	-1.48103	106.78	-4.7974E-9	-0.004788	95.76E-9
1	Grid	24.21079	26.09439	106.80000	-1.33627	106.78	-3.5618E-9	-0.004099	81.994E-9
1	Grid	26.20597	26.09439	106.80000	-1.21497	106.78	-2.6851E-9	-0.003513	70.626E-9
1	Grid	28.20115	26.09439	106.80000	-1.11468	106.78	-2.0533E-9	-0.003026	61.919E-9
1	Grid	30.19633	26.09439	106.80000	-1.03333	106.78	-1.5910E-9	-0.002656	53.311E-9
1	Grid	32.19151	26.09439	106.80000	-0.96923	106.78	-1.2478E-9	-0.002346	46.691E-9
1	Grid	34.18669	26.09439	106.80000	-0.92109	106.78	-989.59E-12	-0.0020548	41.095E-9
1	Grid	36.18187	26.09439	106.80000	-0.88799	106.78	-792.79E-12	-0.0018169	36.337E-9
1	Grid	38.17705	26.09439	106.80000	-0.86493	106.78	-641.05E-12	-0.0016059	32.709E-9
1	Grid	40.17223	26.09439	106.80000	-0.86493	106.78	-522.81E-12	-0.0014387	28.775E-9
1	Grid	42.16741	26.09439	106.80000	-0.87483	106.78	-429.74E-12	-0.0012878	25.756E-9
1	Grid	44.16259	26.09439	106.80000	-0.89951	106.78	-355.82E-12	-0.0011568	23.137E-9
1	Grid	46.15777	26.09439	106.80000	-0.93981	106.78	-296.61E-12	-0.0010427	20.854E-9
1	Grid	48.15295	26.09439	106.80000	-0.99703	106.78	-248.80E-12	-942.85E-6	18.857



Highgate Junior School Sports Hall

Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	125.96496	26.09439	106.80000	-0.49890	106.78	-3.3640E-12	-74.910E-6	1.4982E-9
1	Grid	127.96014	26.09439	106.80000	-0.43526	106.78	-3.1255E-12	-71.674E-6	1.4335E-9
1	Grid	129.95532	26.09439	106.80000	-0.37976	106.78	-2.9030E-12	-68.620E-6	1.3724E-9
1	Grid	131.95050	26.09439	106.80000	-0.33125	106.78	-2.7018E-12	-65.737E-6	1.3147E-9
1	Grid	133.94568	26.09439	106.80000	-0.28873	106.78	-2.5180E-12	-63.012E-6	1.2602E-9
1	Grid	135.94086	26.09439	106.80000	-0.25140	106.78	-2.3475E-12	-60.434E-6	1.2087E-9
1	Grid	137.93604	26.09439	106.80000	-0.21855	106.78	-2.1922E-12	-57.995E-6	1.1599E-9
1	Grid	139.93122	26.09439	106.80000	-0.18961	106.78	-2.0464E-12	-55.685E-6	1.1137E-9
1	Grid	141.92640	26.09439	106.80000	-0.16408	106.78	-1.9138E-12	-53.495E-6	1.0699E-9
1	Grid	143.92158	26.09439	106.80000	-0.14152	106.78	-1.7906E-12	-51.418E-6	1.0284E-9
1	Grid	145.91676	26.09439	106.80000	-0.12158	106.78	-1.6780E-12	-49.447E-6	988.93E-12
1	Grid	147.91194	26.09439	106.80000	-0.10394	106.78	-1.5721E-12	-47.574E-6	951.48E-12
1	Grid	149.90712	26.09439	106.80000	-0.08832	106.78	-1.4748E-12	-45.795E-6	915.90E-12
1	Grid	151.90230	26.09439	106.80000	-0.07448	106.78	-1.3856E-12	-44.103E-6	882.06E-12
1	Grid	153.89748	26.09439	106.80000	-0.06222	106.78	-1.3023E-12	-42.493E-6	849.85E-12
1	Grid	155.89266	26.09439	106.80000	-0.05136	106.78	-1.2224E-12	-40.960E-6	819.19E-12
1	Grid	157.88784	26.09439	106.80000	-0.04173	106.78	-1.1531E-12	-39.499E-6	789.99E-12
1	Grid	159.88302	26.09439	106.80000	-0.03320	106.78	-1.0851E-12	-38.107E-6	762.15E-12
1	Grid	161.87820	26.09439	106.80000	-0.02565	106.78	-1.0225E-12	-36.780E-6	735.59E-12
1	Grid	163.87338	26.09439	106.80000	-0.01897	106.78	0.0	-35.513E-6	710.26E-12
1	Grid	165.86856	26.09439	106.80000	-0.01306	106.78	0.0	-34.303E-6	686.06E-12
1	Grid	167.86374	26.09439	106.80000	-0.00783	106.78	0.0	-33.148E-6	662.96E-12
1	Grid	169.85892	26.09439	106.80000	-0.00322	106.78	0.0	-32.043E-6	640.87E-12
1	Grid	171.85410	26.09439	106.80000	0.00084	106.78	0.0	-30.987E-6	619.75E-12
1	Grid	173.84928	26.09439	106.80000	0.00442	106.78	0.0	-29.977E-6	599.55E-12
1	Grid	175.84446	26.09439	106.80000	0.00755	106.78	0.0	-29.005E-6	580.21E-12
1	Grid	177.83964	26.09439	106.80000	0.01031	106.78	0.0	-28.084E-6	561.69E-12
1	Grid	179.83482	26.09439	106.80000	0.01271	106.78	0.0	-27.197E-6	543.95E-12
1	Grid	181.83000	26.09439	106.80000	0.01481	106.78	0.0	-26.347E-6	526.94E-12
1	Grid	183.82518	27.96914	106.80000	0.00697	106.78	-20.812E-12	-420.17E-6	4.4034E-9
1	Grid	185.82036	27.96914	106.80000	0.00423	106.78	-23.183E-12	-434.33E-6	4.2926E-9
1	Grid	187.81554	27.96914	106.80000	0.00117	106.78	-25.889E-12	-450.37E-6	5.0075E-9
1	Grid	189.81072	27.96914	106.80000	-0.00237	106.78	-28.979E-12	-467.54E-6	5.3508E-9
1	Grid	191.80590	27.96914	106.80000	-0.00642	106.78	-32.519E-12	-486.29E-6	5.7258E-9
1	Grid	193.80108	27.96914	106.80000	-0.01103	106.78	-36.592E-12	-506.81E-6	6.1362E-9
1	Grid	195.79626	27.96914	106.80000	-0.01619	106.78	-41.287E-12	-529.31E-6	6.5862E-9
1	Grid	197.79144	27.96914	106.80000	-0.02224	106.78	-46.722E-12	-554.04E-6	7.0807E-9
1	Grid	199.78662	27.96914	106.80000	-0.02900	106.78	-53.033E-12	-581.26E-6	7.6252E-9
1	Grid	201.78180	27.96914	106.80000	-0.03667	106.78	-60.390E-12	-611.31E-6	8.2261E-9
1	Grid	203.77698	27.96914	106.80000	-0.04536	106.78	-69.002E-12	-644.54E-6	8.8909E-9
1	Grid	205.77216	27.96914	106.80000	-0.05502	106.78	-79.124E-12	-681.40E-6	9.6279E-9
1	Grid	207.76734	27.96914	106.80000	-0.06631	106.78	-91.071E-12	-722.36E-6	10.447E-9
1	Grid	209.76252	27.96914	106.80000	-0.07888	106.78	-105.23E-12	-768.02E-6	11.360E-9
1	Grid	211.75770	27.96914	106.80000	-0.09309	106.78	-122.10E-12	-819.05E-6	12.381E-9
1	Grid	213.75288	27.96914	106.80000	-0.10912	106.78	-142.31E-12	-876.25E-6	13.525E-9
1	Grid	215.74806	27.96914	106.80000	-0.12714	106.78	-166.64E-12	-940.57E-6	14.812E-9
1	Grid	217.74324	27.96914	106.80000	-0.14765	106.78	-196.09E-12	-1013.10E-6	16.262E-9
1	Grid	219.73842	27.96914	106.80000	-0.17068	106.78	-231.97E-12	-1095.18E-6	17.903E-9
1	Grid	221.73360	27.96914	106.80000	-0.19666	106.78	-275.95E-12	-1188.38E-6	19.767E-9
1	Grid	223.72878	27.96914	106.80000	-0.22594	106.78	-330.23E-12	-1293.09E-6	21.892E-9
1	Grid	225.72396	27.96914	106.80000	-0.25892	106.78	-397.72E-12	-1419.76E-6	24.322E-9
1	Grid	227.71914	27.96914	106.80000	-0.29609	106.78	-482.25E-12	-1569.35E-6	27.113E-9
1	Grid	229.71432	27.96914	106.80000	-0.33793	106.78	-589.00E-12	-1753.16E-6	30.331E-9
1	Grid	231.70950	27.96914	106.80000	-0.38502	106.78	-724.99E-12	-1975.70E-6	34.058E-9
1	Grid	233.70468	27.96914	106.80000	-0.43798	106.78	-899.80E-12	-2242.91E-6	38.393E-9
1	Grid	235.69986	27.96914	106.80000	-0.49751	106.78	-1.1267E-11	-2664.22E-6	43.361E-9
1	Grid	237.69504	27.96914	106.80000	-0.56434	106.78	-1.4241E-11	-3002.47E-6	49.400E-9
1	Grid	239.69022	27.96914	106.80000	-0.63927	106.78	-1.8180E-11	-3470.82E-6	56.402E-9
1	Grid	241.68540	27.96914	106.80000	-0.72312	106.78	-2.3452E-11	-4003.23E-6	64.684E-9
1	Grid	243.68058	27.96914	106.80000	-0.81670	106.78	-3.0575E-11	-4617.25E-6	74.513E-9
1	Grid	245.67576	27.96914	106.80000	-0.92076	106.78	-4.0281E-11	-5331.01E-6	86.201E-9
1	Grid	247.67094	27.96914	106.80000	-1.03590	106.78	-5.3577E-11	-6205.00E-6	100.10E-9
1	Grid	249.66612	27.96914	106.80000	-1.16242	106.78	-7.1789E-11	-7389.28E-6	116.56E-9
1	Grid	251.66130	27.96914	106.80000	-1.30017	106.78	-9.6502E-11	-8907.95E-6	135.91E-9
1	Grid	253.65648	27.96914	106.80000	-1.44830	106.78	-12.925E-11	-10791.33E-6	158.27E-9
1	Grid	255.65166	27.96914	106.80000	-1.60754	106.78	-17.076E-11	-13009.12E-6	183.42E-9
1	Grid	257.64684	27.96914	106.80000	-1.76759	106.78	-21.989E-11	-15610.51E-6	210.62E-9
1	Grid	259.64202	27.96914	106.80000	-1.93202	106.78	-27.294E-11	-18611.92E-6	238.51E-9
1	Grid	261.63720	27.96914	106.80000	-2.09352	106.78	-32.446E-11	-22013.27E-6	268.41E-9
1	Grid	263.63238	27.96914	106.80000	-2.24678	106.78	-36.946E-11	-25844.84E-6	299.68E-9
1	Grid	265.62756	27.96914	106.80000	-2.38641	106.78	-40.520E-11	-30150.07E-6	330.13E-9
1	Grid	267.62274	27.96914	106.80000	-2.50759	106.78	-43.124E-11	-34931.36E-6	362.13E-9
1	Grid	269.61792	27.96914	106.80000	-2.60662	106.78	-44.844E-11	-39242.65E-6	397.44E-9
1	Grid	271.61310	27.96914	106.80000	-2.68119	106.78	-45.795E-11	-44093.94E-6	434.04E-9
1	Grid	273.60828	27.96914	106.80000	-2.73028	106.78	-46.057E-11	-49405.23E-6	472.99E-9
1	Grid	275.60346	27.96914	106.80000	-2.75381	106.78	-45.656E-11	-55176.52E-6	514.29E-9
1	Grid	277.59864	27.96914	106.80000	-2.75232	106.78	-44.551E-11	-61467.81E-6	559.91E-9
1	Grid	279.59382	27.96914	106.80000	-2.72679	106.78	-42.651E-11	-68309.10E-6	609.80E-9
1	Grid	281.58900	27.96914	106.80000	-2.67857	106.78	-39.841E-11	-75720.39E-6	664.00E-9
1	Grid	283.58418	27.96914	106.80000	-2.60920	106.78	-36.051E-11	-83741.68E-6	723.80E-9
1	Grid	285.57936	27.96914	106.80000	-2.51999	106.78	-31.374E-11	-92402.97E-6	789.99E-9
1	Grid	287.57454	27.96914	106.80000	-2.41102	106.78	-26.140E-11	-102614.26E-6	864.99E-9
1	Grid	289.56972	27.96914	106.80000	-2.28079	106.78	-20.881E-11	-114425.55E-6	949.99E-9
1	Grid	291.56490	27.96914	106.80000	-2.12888	106.78	-16.118E-11	-127836.84E-6	1044.99E-9
1	Grid	293.56008	27.96914	106.80000	-1.96077	106.78	-12.163E-11	-143048.13E-6	1159.99E-9
1	Grid	295.55526	27.96914	106.80000	-1.78174	106.78	-9.0801E-11	-160059.42E-6	1294.99E-9
1	Grid	297.55044	27.96914	106.80000	-1.62143	106.78	-6.7679E-11	-179070.71E-6	1449.99E-9
1	Grid	299.54562	27.96914	106.80000	-1.46910	106.78	-5.0678E-11	-200491.00E-6	1624.99E-9
1	Grid	301.54080	27.96914	106.80000	-1.33405	106.78	-3.8261E-11	-225012.29E-6	1819.99E-9
1	Grid	303.53598	27.96914	106.80000	-1.21701	106.78	-2.9176E-11	-253623.58E-6	2034.99E-9
1	Grid	305.53116	27.96914	106.80000	-1.11749	106.78	-2.2487E-11	-286434.87E-6	2279.99E-9
1	Grid	307.52634	27.96914	106.80000	-1.03455	106.78	-1.7517E-11	-323646.16E-6	2554.99E-9
1	Grid	309.52152	27.96914	106.80000	-0.96718	106.78	-1.3787E-11	-365857.45E-6	2869.99E-9
1	Grid	311.51670	27.96914	106.80000	-0.91446	106.78	-1.0958E-11	-413068.74E-6	3224.99E-9
1	Grid	313.51188	27.96914	106.80000	-0.87567	106.78	-879.01E-12	-465280.03E-6	3629.99E-9
1	Grid	315.50706	27.96914	106.80000	-0.85029	106.78	-711.21E-12	-522491.32E-6	4074.99E-9
1	Grid	317.50224	27.96914	106.80000	-0.83805	106.78	-580.09E-12	-5857	



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	106.01317	27.96914	106.80000	-2.13728	106.78	-7.4067E-12	-119.81E-6	2.3962E-9
1	Grid	108.00835	27.96914	106.80000	-1.81158	106.78	-6.7939E-12	-113.83E-6	2.2767E-9
1	Grid	110.00353	27.96914	106.80000	-1.54693	106.78	-6.2443E-12	-108.24E-6	2.1648E-9
1	Grid	111.99871	27.96914	106.80000	-1.32865	106.78	-5.7454E-12	-103.01E-6	2.0602E-9
1	Grid	113.99388	27.96914	106.80000	-1.14644	106.78	-5.2911E-12	-98.104E-6	1.9621E-9
1	Grid	115.98906	27.96914	106.80000	-0.99289	106.78	-4.8834E-12	-93.504E-6	1.8701E-9
1	Grid	117.98424	27.96914	106.80000	-0.86229	106.78	-4.5111E-12	-89.184E-6	1.7837E-9
1	Grid	119.97942	27.96914	106.80000	-0.75060	106.78	-4.1727E-12	-85.125E-6	1.7025E-9
1	Grid	121.97460	27.96914	106.80000	-0.65449	106.78	-3.8629E-12	-81.306E-6	1.6261E-9
1	Grid	123.96978	27.96914	106.80000	-0.57139	106.78	-3.5771E-12	-77.711E-6	1.5542E-9
1	Grid	125.96496	27.96914	106.80000	-0.49925	106.78	-3.3227E-12	-74.324E-6	1.4865E-9
1	Grid	127.96014	27.96914	106.80000	-0.43639	106.78	-3.0862E-12	-71.129E-6	1.4226E-9
1	Grid	129.95532	27.96914	106.80000	-0.38145	106.78	-2.8690E-12	-68.113E-6	1.3623E-9
1	Grid	131.95050	27.96914	106.80000	-0.33332	106.78	-2.6705E-12	-65.264E-6	1.3053E-9
1	Grid	133.94568	27.96914	106.80000	-0.29104	106.78	-2.4880E-12	-62.571E-6	1.2514E-9
1	Grid	135.94086	27.96914	106.80000	-0.25384	106.78	-2.3215E-12	-60.023E-6	1.2005E-9
1	Grid	137.93604	27.96914	106.80000	-0.22105	106.78	-2.1703E-12	-57.611E-6	1.1522E-9
1	Grid	139.93122	27.96914	106.80000	-0.19211	106.78	-2.0270E-12	-55.326E-6	1.1065E-9
1	Grid	141.92640	27.96914	106.80000	-0.16652	106.78	-1.8905E-12	-53.159E-6	1.0632E-9
1	Grid	143.92158	27.96914	106.80000	-0.14389	106.78	-1.7752E-12	-51.104E-6	1.0221E-9
1	Grid	145.91676	27.96914	106.80000	-0.12401	106.78	-1.6607E-12	-49.152E-6	983.04E-12
1	Grid	147.91194	27.96914	106.80000	-0.10608	106.78	-1.5561E-12	-47.298E-6	945.96E-12
1	Grid	149.90712	27.96914	106.80000	-0.09033	106.78	-1.4615E-12	-45.535E-6	910.71E-12
1	Grid	151.90230	27.96914	106.80000	-0.07636	106.78	-1.3716E-12	-43.859E-6	877.18E-12
1	Grid	153.89748	27.96914	106.80000	-0.06396	106.78	-1.2930E-12	-42.264E-6	845.27E-12
1	Grid	155.89266	27.96914	106.80000	-0.05297	106.78	-1.2130E-12	-40.744E-6	815.89E-12
1	Grid	157.88784	27.96914	106.80000	-0.04321	106.78	-1.1411E-12	-39.296E-6	785.93E-12
1	Grid	159.88302	27.96914	106.80000	-0.03456	106.78	-1.0758E-12	-37.916E-6	758.32E-12
1	Grid	161.87820	27.96914	106.80000	-0.02689	106.78	-1.0145E-12	-36.599E-6	731.99E-12
1	Grid	163.87338	27.96914	106.80000	-0.02009	106.78	0.0	-35.343E-6	706.85E-12
1	Grid	165.86856	27.96914	106.80000	-0.01490	106.78	0.0	-34.143E-6	682.85E-12
1	Grid	167.86374	27.96914	106.80000	-0.00875	106.78	0.0	-32.996E-6	659.92E-12
1	Grid	169.85892	27.96914	106.80000	-0.00405	106.78	0.0	-31.900E-6	638.00E-12
1	Grid	171.85410	27.96914	106.80000	-0.00010	106.78	0.0	-30.852E-6	617.04E-12
1	Grid	173.84928	27.96914	106.80000	0.00375	106.78	0.0	-29.849E-6	596.98E-12
1	Grid	175.84446	27.96914	106.80000	0.00766	106.78	0.0	-28.894E-6	577.78E-12
1	Grid	177.83964	27.96914	106.80000	0.00978	106.78	0.0	-27.969E-6	559.39E-12
1	Grid	179.83482	27.96914	106.80000	0.01224	106.78	0.0	-27.088E-6	541.76E-12
1	Grid	181.83000	27.96914	106.80000	0.01439	106.78	0.0	-26.244E-6	524.87E-12
1	Grid	-95.50000	29.84388	106.80000	0.00784	106.78	-20.237E-12	-216.50E-6	4.3300E-9
1	Grid	-93.50518	29.84388	106.80000	-0.00527	106.78	-22.516E-12	-230.56E-6	4.6112E-9
1	Grid	-91.50964	29.84388	106.80000	0.00233	106.78	-25.110E-12	-245.84E-6	4.9168E-9
1	Grid	-89.51446	29.84388	106.80000	-0.00104	106.78	-28.067E-12	-262.48E-6	5.2497E-9
1	Grid	-87.51928	29.84388	106.80000	-0.00488	106.78	-31.451E-12	-280.64E-6	5.6127E-9
1	Grid	-85.52410	29.84388	106.80000	-0.00925	106.78	-35.335E-12	-300.48E-6	6.0095E-9
1	Grid	-83.52892	29.84388	106.80000	-0.01422	106.78	-39.801E-12	-322.92E-6	6.4492E-9
1	Grid	-81.53374	29.84388	106.80000	-0.01987	106.78	-44.959E-12	-346.02E-6	6.9204E-9
1	Grid	-79.53856	29.84388	106.80000	-0.02627	106.78	-50.931E-12	-372.21E-6	7.4441E-9
1	Grid	-77.54338	29.84388	106.80000	-0.03351	106.78	-57.877E-12	-401.05E-6	8.0209E-9
1	Grid	-75.54820	29.84388	106.80000	-0.04171	106.78	-65.977E-12	-432.88E-6	8.6577E-9
1	Grid	-73.55302	29.84388	106.80000	-0.05089	106.78	-75.470E-12	-468.10E-6	9.3620E-9
1	Grid	-71.55784	29.84388	106.80000	-0.06143	106.78	-86.629E-12	-507.16E-6	10.143E-9
1	Grid	-69.56266	29.84388	106.80000	-0.07323	106.78	-99.811E-12	-550.57E-6	11.011E-9
1	Grid	-67.56748	29.84388	106.80000	-0.08654	106.78	-115.45E-12	-598.95E-6	11.979E-9
1	Grid	-65.57230	29.84388	106.80000	-0.10153	106.78	-134.08E-12	-653.00E-6	13.060E-9
1	Grid	-63.57712	29.84388	106.80000	-0.11947	106.78	-156.41E-12	-711.55E-6	14.271E-9
1	Grid	-61.58194	29.84388	106.80000	-0.13742	106.78	-183.28E-12	-781.61E-6	15.632E-9
1	Grid	-59.58676	29.84388	106.80000	-0.15880	106.78	-215.81E-12	-858.28E-6	17.166E-9
1	Grid	-57.59158	29.84388	106.80000	-0.18283	106.78	-255.41E-12	-944.95E-6	18.899E-9
1	Grid	-55.59640	29.84388	106.80000	-0.20983	106.78	-303.91E-12	-0.0010432	20.864E-9
1	Grid	-53.60122	29.84388	106.80000	-0.24014	106.78	-363.68E-12	-0.0015503	23.100E-9
1	Grid	-51.60604	29.84388	106.80000	-0.27415	106.78	-437.82E-12	-0.0012826	25.651E-9
1	Grid	-49.61086	29.84388	106.80000	-0.31228	106.78	-530.44E-12	-0.0014286	28.573E-9
1	Grid	-47.61568	29.84388	106.80000	-0.35499	106.78	-646.97E-12	-0.0015965	31.929E-9
1	Grid	-45.62050	29.84388	106.80000	-0.40277	106.78	-794.65E-12	-0.0017899	35.799E-9
1	Grid	-43.62532	29.84388	106.80000	-0.45615	106.78	-983.22E-12	-0.0019793	40.274E-9
1	Grid	-41.63014	29.84388	106.80000	-0.51569	106.78	-1.2258E-9	-0.0022732	45.464E-9
1	Grid	-39.63496	29.84388	106.80000	-0.58195	106.78	-1.5401E-9	-0.0025750	51.500E-9
1	Grid	-37.63978	29.84388	106.80000	-0.65549	106.78	-1.9501E-9	-0.0029266	58.532E-9
1	Grid	-35.64460	29.84388	106.80000	-0.73682	106.78	-2.4877E-9	-0.0033366	66.732E-9
1	Grid	-33.64942	29.84388	106.80000	-0.82638	106.78	-3.1948E-9	-0.0038145	76.249E-9
1	Grid	-31.65424	29.84388	106.80000	-0.92433	106.78	-4.1241E-9	-0.0043696	87.392E-9
1	Grid	-29.65906	29.84388	106.80000	-1.03070	106.78	-5.3377E-9	-0.0050105	100.21E-9
1	Grid	-27.66388	29.84388	106.80000	-1.14505	106.78	-6.8990E-9	-0.0057421	114.84E-9
1	Grid	-25.66871	29.84388	106.80000	-1.26643	106.78	-8.8548E-9	-0.0065626	131.22E-9
1	Grid	-23.67353	29.84388	106.80000	-1.39326	106.78	-11.205E-9	-0.0074993	149.18E-9
1	Grid	-21.67835	29.84388	106.80000	-1.52326	106.78	-13.870E-9	-0.0084059	168.12E-9
1	Grid	-19.68317	29.84388	106.80000	-1.65350	106.78	-16.683E-9	-0.0093625	187.25E-9
1	Grid	-17.68799	29.84388	106.80000	-1.78048	106.78	-19.419E-9	-0.010281	205.63E-9
1	Grid	-15.69281	29.84388	106.80000	-1.90045	106.78	-21.867E-9	-0.011116	222.32E-9
1	Grid	-13.69763	29.84388	106.80000	-2.01942	106.78	-23.886E-9	-0.011929	236.88E-9
1	Grid	-11.70245	29.84388	106.80000	-2.10467	106.78	-25.421E-9	-0.012396	247.92E-9
1	Grid	-9.70727	29.84388	106.80000	-2.18285	106.78	-26.473E-9	-0.012802	256.04E-9
1	Grid	-7.71209	29.84388	106.80000	-2.24231	106.78	-27.070E-9	-0.013042	260.85E-9
1	Grid	-5.71691	29.84388	106.80000	-2.28200	106.78	-27.238E-9	-0.013114	262.27E-9
1	Grid	-3.72173	29.84388	106.80000	-2.30155	106.78	-26.983E-9	-0.013059	260.12E-9
1	Grid	-1.72655	29.84388	106.80000	-2.30125	106.78	-26.294E-9	-0.012750	254.99E-9
1	Grid	0.26863	29.84388	106.80000	-2.28156	106.78	-25.142E-9	-0.012317	246.33E-9
1	Grid	2.26381	29.84388	106.80000	-2.24340	106.78	-23.503E-9	-0.011725	234.50E-9
1	Grid	4.25899	29.84388	106.80000	-2.18777	106.78	-21.384E-9	-0.010990	219.79E-9
1	Grid	6.25417	29.84388	106.80000	-2.11564	106.78	-18.859E-9	-0.010139	205.88E-9
1	Grid	8.24935	29.84388	106.80000	-2.02765	106.78	-16.088E-9	-0.0092124	184.25E-9
1	Grid	10.24453	29.84388	106.80000	-1.92446	106.78	-13.291E-9	-0.0082577	165.15E-9
1	Grid	12.23971	29.84388	106.80000	-1.80778	106.78	-10.686E-9	-0.0073217	146.43E-9
1	Grid	14.23489	29.84388	106.80000	-1.68165	106.78	-8.4208E-9	-0.0064415	128.83E-9
1	Grid	16.23007	29.84388	106.80000	-1.54223	106.78	-6.554E-9	-0.0056404	112.81E-9
1	Grid	18.22525	29.84388	106.80000	-1.42614	106.78	-5.0759E-9	-0.0049284	98.568E-9
1	Grid	20.22043	29.84388	106.80000	-1.30823	106.78	-3.9300E-9	-0.0043057	86.113E-9
1	Grid	22.21561	29.84388	106.80000	-1.20159	106.78			

Oasys							Job No.	Sheet No.	Rev.
							3244		
								Drg. Ref.	
								Made by AC	Date
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[MOD]	[mm]	[MOD]	[kN/m²]	[kN/m²]	[µ]
1	Grid	86.06137	29.84388	106.80000	-18.80371	106.78	-18.630E-12	-207.09E-6	4.1418E-9
1	Grid	88.05655	29.84388	106.80000	-18.28581	106.78	-16.823E-12	-194.93E-6	3.8987E-9
1	Grid	90.05173	29.84388	106.80000	-17.17515	106.78	-15.216E-12	-183.70E-6	3.6739E-9
1	Grid	92.04691	29.84388	106.80000	-14.87261	106.78	-13.792E-12	-173.29E-6	3.4659E-9
1	Grid	94.04209	29.84388	106.80000	-8.64994	106.78	-12.523E-12	-163.65E-6	3.2730E-9
1	Grid	96.03727	29.84388	106.80000	-5.98618	106.78	-11.390E-12	-154.70E-6	3.0941E-9
1	Grid	98.03245	29.84388	106.80000	-4.56456	106.78	-10.379E-12	-146.39E-6	2.9277E-9
1	Grid	100.02763	29.84388	106.80000	-3.63304	106.78	-9.4711E-12	-138.65E-6	2.7730E-9
1	Grid	102.02281	29.84388	106.80000	-2.96814	106.78	-8.6571E-12	-131.44E-6	2.6288E-9
1	Grid	104.01799	29.84388	106.80000	-2.46843	106.78	-7.9250E-12	-124.72E-6	2.4943E-9
1	Grid	106.01317	29.84388	106.80000	-2.07932	106.78	-7.2655E-12	-118.44E-6	2.3688E-9
1	Grid	108.00835	29.84388	106.80000	-1.76839	106.78	-6.6720E-12	-112.57E-6	2.2515E-9
1	Grid	110.00353	29.84388	106.80000	-1.51498	106.78	-6.1318E-12	-107.08E-6	2.1417E-9
1	Grid	111.99871	29.84388	106.80000	-1.30529	106.78	-5.6448E-12	-101.94E-6	2.0388E-9
1	Grid	113.99388	29.84388	106.80000	-1.12963	106.78	-5.2038E-12	-97.119E-6	1.9424E-9
1	Grid	115.98906	29.84388	106.80000	-0.98103	106.78	-4.8042E-12	-92.594E-6	1.8519E-9
1	Grid	117.98424	29.84388	106.80000	-0.85432	106.78	-4.4384E-12	-88.343E-6	1.7669E-9
1	Grid	119.97942	29.84388	106.80000	-0.74554	106.78	-4.1067E-12	-84.346E-6	1.6869E-9
1	Grid	121.97460	29.84388	106.80000	-0.65163	106.78	-3.8023E-12	-80.584E-6	1.6117E-9
1	Grid	123.96978	29.84388	106.80000	-0.57018	106.78	-3.5285E-12	-77.041E-6	1.5408E-9
1	Grid	125.96496	29.84388	106.80000	-0.49926	106.78	-3.2767E-12	-73.701E-6	1.4740E-9
1	Grid	127.96014	29.84388	106.80000	-0.43730	106.78	-3.0449E-12	-70.550E-6	1.4110E-9
1	Grid	129.95532	29.84388	106.80000	-0.38300	106.78	-2.8324E-12	-67.574E-6	1.3515E-9
1	Grid	131.95050	29.84388	106.80000	-0.33531	106.78	-2.6386E-12	-64.763E-6	1.2952E-9
1	Grid	133.94568	29.84388	106.80000	-0.29332	106.78	-2.4574E-12	-62.103E-6	1.2421E-9
1	Grid	135.94086	29.84388	106.80000	-0.25628	106.78	-2.2928E-12	-59.587E-6	1.1917E-9
1	Grid	137.93604	29.84388	106.80000	-0.22357	106.78	-2.1423E-12	-57.203E-6	1.1441E-9
1	Grid	139.93122	29.84388	106.80000	-0.19463	106.78	-2.0024E-12	-54.944E-6	1.0989E-9
1	Grid	141.92640	29.84388	106.80000	-0.16901	106.78	-1.8725E-12	-52.802E-6	1.0560E-9
1	Grid	143.92158	29.84388	106.80000	-0.14629	106.78	-1.7539E-12	-50.769E-6	1.0154E-9
1	Grid	145.91676	29.84388	106.80000	-0.12615	106.78	-1.6434E-12	-48.838E-6	976.77E-12
1	Grid	147.91194	29.84388	106.80000	-0.10827	106.78	-1.5408E-12	-47.004E-6	940.08E-12
1	Grid	149.90712	29.84388	106.80000	-0.09239	106.78	-1.4468E-12	-45.259E-6	905.19E-12
1	Grid	151.90230	29.84388	106.80000	-0.07828	106.78	-1.3562E-12	-43.600E-6	871.99E-12
1	Grid	153.89748	29.84388	106.80000	-0.06575	106.78	-1.2790E-12	-42.020E-6	840.39E-12
1	Grid	155.89266	29.84388	106.80000	-0.05462	106.78	-1.2017E-12	-40.515E-6	810.29E-12
1	Grid	157.88784	29.84388	106.80000	-0.04473	106.78	-1.1304E-12	-39.080E-6	781.60E-12
1	Grid	159.88302	29.84388	106.80000	-0.03596	106.78	-1.0651E-12	-37.712E-6	754.25E-12
1	Grid	161.87820	29.84388	106.80000	-0.02817	106.78	-1.0039E-12	-36.407E-6	728.15E-12
1	Grid	163.87338	29.84388	106.80000	-0.02125	106.78	0.0	-35.161E-6	703.23E-12
1	Grid	165.86856	29.84388	106.80000	-0.01513	106.78	0.0	-33.971E-6	679.43E-12
1	Grid	167.86374	29.84388	106.80000	-0.00971	106.78	0.0	-32.834E-6	656.69E-12
1	Grid	169.85892	29.84388	106.80000	-0.00491	106.78	0.0	-31.747E-6	634.94E-12
1	Grid	171.85410	29.84388	106.80000	-0.00068	106.78	0.0	-30.707E-6	614.14E-12
1	Grid	173.84928	29.84388	106.80000	0.00306	106.78	0.0	-29.712E-6	594.24E-12
1	Grid	175.84446	29.84388	106.80000	0.00634	106.78	0.0	-28.759E-6	575.18E-12
1	Grid	177.83964	29.84388	106.80000	0.00922	106.78	0.0	-27.846E-6	556.93E-12
1	Grid	179.83482	29.84388	106.80000	0.01175	106.78	0.0	-26.972E-6	539.43E-12
1	Grid	181.83000	29.84388	106.80000	0.01395	106.78	0.0	-26.133E-6	522.66E-12
1	Grid	-95.50000	31.71863	106.80000	0.00871	106.78	-19.643E-12	-212.68E-6	4.2536E-9
1	Grid	-93.50482	31.71863	106.80000	0.00628	106.78	-21.825E-12	-226.32E-6	4.5264E-9
1	Grid	-91.50964	31.71863	106.80000	0.00349	106.78	-24.307E-12	-241.13E-6	4.8226E-9
1	Grid	-89.51446	31.71863	106.80000	0.00031	106.78	-27.132E-12	-257.23E-6	5.1447E-9
1	Grid	-87.51928	31.71863	106.80000	-0.00333	106.78	-30.356E-12	-274.78E-6	5.4955E-9
1	Grid	-85.52410	31.71863	106.80000	-0.00746	106.78	-34.046E-12	-293.91E-6	5.8783E-9
1	Grid	-83.52892	31.71863	106.80000	-0.01216	106.78	-38.283E-12	-314.93E-6	6.2967E-9
1	Grid	-81.53374	31.71863	106.80000	-0.01749	106.78	-43.163E-12	-337.74E-6	6.7548E-9
1	Grid	-79.53856	31.71863	106.80000	-0.02352	106.78	-48.800E-12	-362.87E-6	7.2574E-9
1	Grid	-77.54338	31.71863	106.80000	-0.03034	106.78	-55.327E-12	-390.49E-6	7.8098E-9
1	Grid	-75.54820	31.71863	106.80000	-0.03805	106.78	-62.923E-12	-420.91E-6	8.4182E-9
1	Grid	-73.55302	31.71863	106.80000	-0.04675	106.78	-71.793E-12	-454.49E-6	9.0897E-9
1	Grid	-71.55784	31.71863	106.80000	-0.05656	106.78	-82.178E-12	-491.62E-6	9.8324E-9
1	Grid	-69.56266	31.71863	106.80000	-0.06760	106.78	-94.396E-12	-532.78E-6	10.656E-9
1	Grid	-67.56748	31.71863	106.80000	-0.08003	106.78	-108.83E-12	-578.51E-6	11.570E-9
1	Grid	-65.57230	31.71863	106.80000	-0.09400	106.78	-125.94E-12	-629.44E-6	12.589E-9
1	Grid	-63.57712	31.71863	106.80000	-0.10971	106.78	-146.32E-12	-686.29E-6	13.726E-9
1	Grid	-61.58194	31.71863	106.80000	-0.12733	106.78	-170.73E-12	-749.93E-6	14.998E-9
1	Grid	-59.58676	31.71863	106.80000	-0.14710	106.78	-200.08E-12	-821.32E-6	16.426E-9
1	Grid	-57.59158	31.71863	106.80000	-0.16926	106.78	-235.55E-12	-901.64E-6	18.033E-9
1	Grid	-55.59640	31.71863	106.80000	-0.19408	106.78	-278.65E-12	-992.24E-6	19.845E-9
1	Grid	-53.60122	31.71863	106.80000	-0.22184	106.78	-331.30E-12	-0.0010947	221.89E-9
1	Grid	-51.60604	31.71863	106.80000	-0.25286	106.78	-395.98E-12	-0.0012109	24.218E-9
1	Grid	-49.61086	31.71863	106.80000	-0.28749	106.78	-475.89E-12	-0.0013430	26.860E-9
1	Grid	-47.61568	31.71863	106.80000	-0.32610	106.78	-575.17E-12	-0.0014936	29.872E-9
1	Grid	-45.62050	31.71863	106.80000	-0.36906	106.78	-699.24E-12	-0.0016657	33.314E-9
1	Grid	-43.62532	31.71863	106.80000	-0.41679	106.78	-855.14E-12	-0.0018227	37.254E-9
1	Grid	-41.63014	31.71863	1					



Highgate Junior School Sports Hall

Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	66.10957	31.71863	106.80000	-2.90199	106.78	-56.132E-12	-396.46E-6	7.9292E-9
1	Grid	68.10475	31.71863	106.80000	-3.53973	106.78	-49.556E-12	-369.53E-6	7.3706E-9
1	Grid	70.09993	31.71863	106.80000	-4.43840	106.78	-43.873E-12	-343.10E-6	6.8620E-9
1	Grid	72.09511	31.71863	106.80000	-5.63826	106.78	-38.949E-12	-319.90E-6	6.3981E-9
1	Grid	74.09029	31.71863	106.80000	-7.15626	106.78	-34.668E-12	-298.71E-6	5.9741E-9
1	Grid	76.08547	31.71863	106.80000	-9.84697	106.78	-30.929E-12	-279.30E-6	5.5860E-9
1	Grid	78.08065	31.71863	106.80000	-15.47510	106.78	-27.660E-12	-261.50E-6	5.2300E-9
1	Grid	80.07583	31.71863	106.80000	-17.18562	106.78	-24.797E-12	-245.15E-6	4.9031E-9
1	Grid	82.07101	31.71863	106.80000	-17.95139	106.78	-22.274E-12	-230.12E-6	4.6023E-9
1	Grid	84.06619	31.71863	106.80000	-18.23321	106.78	-20.055E-12	-216.26E-6	4.3252E-9
1	Grid	86.06137	31.71863	106.80000	-18.13680	106.78	-18.093E-12	-203.47E-6	4.0695E-9
1	Grid	88.05655	31.71863	106.80000	-17.64173	106.78	-16.350E-12	-191.66E-6	3.8332E-9
1	Grid	90.05173	31.71863	106.80000	-16.58712	106.78	-14.807E-12	-180.73E-6	3.6145E-9
1	Grid	92.04691	31.71863	106.80000	-14.37160	106.78	-13.434E-12	-170.60E-6	3.4119E-9
1	Grid	94.04209	31.71863	106.80000	-8.25181	106.78	-12.210E-12	-161.20E-6	3.2240E-9
1	Grid	96.03727	31.71863	106.80000	-5.68974	106.78	-11.166E-12	-152.47E-6	3.0493E-9
1	Grid	98.03245	31.71863	106.80000	-4.34156	106.78	-10.137E-12	-144.35E-6	2.8869E-9
1	Grid	100.02763	31.71863	106.80000	-3.46961	106.78	-9.2599E-12	-136.78E-6	2.7357E-9
1	Grid	102.02281	31.71863	106.80000	-2.84815	106.78	-8.4692E-12	-129.73E-6	2.5946E-9
1	Grid	104.01799	31.71863	106.80000	-2.38005	106.78	-7.7591E-12	-123.15E-6	2.4630E-9
1	Grid	106.01317	31.71863	106.80000	-2.00725	106.78	-7.1183E-12	-117.00E-6	2.3400E-9
1	Grid	108.00835	31.71863	106.80000	-1.72033	106.78	-6.5408E-12	-111.25E-6	2.2250E-9
1	Grid	110.00353	31.71863	106.80000	-1.47973	106.78	-6.0179E-12	-105.87E-6	2.1173E-9
1	Grid	111.99871	31.71863	106.80000	-1.27965	106.78	-5.5429E-12	-100.82E-6	2.0164E-9
1	Grid	113.99389	31.71863	106.80000	-1.11126	106.78	-5.1112E-12	-96.083E-6	1.9217E-9
1	Grid	115.98907	31.71863	106.80000	-0.96817	106.78	-4.7216E-12	-91.776E-6	1.8327E-9
1	Grid	117.98424	31.71863	106.80000	-0.84562	106.78	-4.3645E-12	-87.457E-6	1.7491E-9
1	Grid	119.97942	31.71863	106.80000	-0.74000	106.78	-4.0394E-12	-83.526E-6	1.6705E-9
1	Grid	121.97460	31.71863	106.80000	-0.64847	106.78	-3.7463E-12	-79.824E-6	1.5965E-9
1	Grid	123.96978	31.71863	106.80000	-0.56880	106.78	-3.4739E-12	-76.335E-6	1.5267E-9
1	Grid	125.96496	31.71863	106.80000	-0.49920	106.78	-3.2274E-12	-73.045E-6	1.4609E-9
1	Grid	127.96014	31.71863	106.80000	-0.43819	106.78	-2.9989E-12	-69.940E-6	1.3988E-9
1	Grid	129.95532	31.71863	106.80000	-0.38458	106.78	-2.7911E-12	-67.006E-6	1.3401E-9
1	Grid	131.95050	31.71863	106.80000	-0.33735	106.78	-2.6033E-12	-64.233E-6	1.2847E-9
1	Grid	133.94568	31.71863	106.80000	-0.29566	106.78	-2.4247E-12	-61.609E-6	1.2322E-9
1	Grid	135.94086	31.71863	106.80000	-0.25891	106.78	-2.2635E-12	-59.125E-6	1.1825E-9
1	Grid	137.93604	31.71863	106.80000	-0.22618	106.78	-2.1156E-12	-56.772E-6	1.1354E-9
1	Grid	139.93122	31.71863	106.80000	-0.19726	106.78	-1.9778E-12	-54.541E-6	1.0908E-9
1	Grid	141.92640	31.71863	106.80000	-0.17159	106.78	-1.8512E-12	-52.425E-6	1.0485E-9
1	Grid	143.92158	31.71863	106.80000	-0.14880	106.78	-1.7333E-12	-50.415E-6	1.0083E-9
1	Grid	145.91676	31.71863	106.80000	-0.12855	106.78	-1.6260E-12	-48.507E-6	970.13E-12
1	Grid	147.91194	31.71863	106.80000	-0.11054	106.78	-1.5241E-12	-46.692E-6	933.85E-12
1	Grid	149.90712	31.71863	106.80000	-0.09453	106.78	-1.4329E-12	-44.967E-6	899.34E-12
1	Grid	151.90230	31.71863	106.80000	-0.08028	106.78	-1.3436E-12	-43.325E-6	866.50E-12
1	Grid	153.89748	31.71863	106.80000	-0.06761	106.78	-1.2637E-12	-41.761E-6	835.22E-12
1	Grid	155.89266	31.71863	106.80000	-0.05634	106.78	-1.1910E-12	-40.263E-6	805.43E-12
1	Grid	157.88784	31.71863	106.80000	-0.04632	106.78	-1.1184E-12	-38.851E-6	777.02E-12
1	Grid	159.88302	31.71863	106.80000	-0.03740	106.78	-1.0558E-12	-37.496E-6	749.93E-12
1	Grid	161.87820	31.71863	106.80000	-0.02949	106.78	0.0	-36.204E-6	724.07E-12
1	Grid	163.87338	31.71863	106.80000	-0.02246	106.78	0.0	-34.969E-6	699.38E-12
1	Grid	165.86856	31.71863	106.80000	-0.01656	106.78	0.0	-33.790E-6	675.80E-12
1	Grid	167.86374	31.71863	106.80000	-0.01069	106.78	0.0	-32.663E-6	653.25E-12
1	Grid	169.85892	31.71863	106.80000	-0.00580	106.78	0.0	-31.585E-6	631.70E-12
1	Grid	171.85410	31.71863	106.80000	-0.00148	106.78	0.0	-30.554E-6	611.07E-12
1	Grid	173.84928	31.71863	106.80000	0.00234	106.78	0.0	-29.567E-6	591.33E-12
1	Grid	175.84446	31.71863	106.80000	0.00715	106.78	0.0	-28.621E-6	572.49E-12
1	Grid	177.83964	31.71863	106.80000	0.00865	106.78	0.0	-27.716E-6	554.32E-12
1	Grid	179.83482	31.71863	106.80000	0.01124	106.78	0.0	-26.848E-6	536.96E-12
1	Grid	181.83000	31.71863	106.80000	0.01350	106.78	0.0	-26.016E-6	520.31E-12
1	Grid	-95.50000	33.59338	106.80000	0.00959	106.78	-19.032E-12	-208.72E-6	4.1744E-9
1	Grid	-93.50518	33.59338	106.80000	0.00728	106.78	-21.120E-12	-221.93E-6	4.4866E-9
1	Grid	-91.50964	33.59338	106.80000	0.00466	106.78	-23.490E-12	-236.26E-6	4.7251E-9
1	Grid	-89.51446	33.59338	106.80000	0.00166	106.78	-26.179E-12	-251.81E-6	5.0363E-9
1	Grid	-87.51928	33.59338	106.80000	-0.00177	106.78	-29.245E-12	-268.73E-6	5.3746E-9
1	Grid	-85.52410	33.59338	106.80000	-0.00567	106.78	-32.743E-12	-287.16E-6	5.7433E-9
1	Grid	-83.52892	33.59338	106.80000	-0.01010	106.78	-36.751E-12	-307.27E-6	6.1454E-9
1	Grid	-81.53374	33.59338	106.80000	-0.01511	106.78	-41.350E-12	-329.25E-6	6.5850E-9
1	Grid	-79.53856	33.59338	106.80000	-0.02078	106.78	-46.649E-12	-353.31E-6	7.0663E-9
1	Grid	-77.54338	33.59338	106.80000	-0.02719	106.78	-52.772E-12	-379.71E-6	7.5941E-9
1	Grid	-75.54820	33.59338	106.80000	-0.03442	106.78	-59.869E-12	-408.71E-6	8.1741E-9
1	Grid	-73.55302	33.59338	106.80000	-0.04258	106.78	-68.124E-12	-440.64E-6	8.8027E-9
1	Grid	-71.55784	33.59338	106.80000	-0.05173	106.78	-77.756E-12	-475.85E-6	9.5171E-9
1	Grid	-69.56266	33.59338	106.80000	-0.06203	106.78	-89.039E-12	-514.78E-6	10.296E-9
1	Grid	-67.56748	33.59338	106.80000	-0.07361	106.78	-102.30E-12	-557.90E-6	11.158E-9
1	Grid	-65.57230	33.59338	106.80000	-0.08659	106.78	-117.95E-12	-605.75E-6	12.115E-9
1	Grid	-63.57712	33.59338	106.80000	-0.10114	106.78	-136.50E-12	-658.89E-6	13.180E-9
1	Grid	-61.58194	33.59338	106.80000	-0.11744	106.78	-158.56E-12	-718.31E-6	14.366E-9
1	Grid	-59.58676	33.59338	106.80000	-0.13567	106.78	-184.92E-12	-784.59E-6	15.692E-9
1	Grid	-57.59158	33.59338	106.80000	-0.15604	106.78	-216.55E-12	-858.81E-6	17.176E-9
1	Grid	-55.59640	33.59338	106.80000	-0.17878	106.78	-254.68E-12	-942.08E-6	18.841E-9
1	Grid	-53.60122	33.59338	106.80000	-0.20412	106.78	-300.85E-12	-1001.03E-6	20.714E-9
1	Grid	-51.60604	33.59338	106.80000	-0.23233	106.78	-357.00E-12	-1001.14E-6	22.824E-9
1	Grid	-49.61086	33.59338	106.80000	-0.26369	106.78	-425.62E-12	-1001.260A	25.207E-9
1	Grid	-47.61568	33.59338	106.80000	-0.29849	106.78	-509.83E-12	-1001.3951	27.902E-9
1	Grid	-45.62050	33.59338	106.80000	-0.33702	106.78	-613.63E-12	-1001.5477	30.955E-9
1	Grid	-43.62532	33.59338	106.80000	-0.37959	106.78	-742.05E-12	-1001.7244	34.416E-9
1	Grid	-41.63014	33.59338	106.80000	-0.42648	106.78	-901.44E-12	-1001.9172	38.345E-9
1	Grid	-39.63496	33.59338	106.80000	-0.47797	106.78	-1.0997E-9	-0.0021401	42.802E-9
1	Grid	-37.63978	33.59338	106.80000	-0.53427	106.78	-1.3467E-9	-0.0023927	47.854E-9
1	Grid	-35.64460	33.59338	106.80000	-0.59554	106.78	-1.6538E-9	-0.0026783	53.567E-9
1	Grid	-33.64942	33.59338	106.80000	-0.66182	106.78	-2.0344E-9	-0.0030000	59.999E-9
1	Grid	-31.65424	33.59338	106.80000	-0.73302	106.78	-2.5026E-9	-0.0033597	67.195E-9
1	Grid	-29.65906	33.59338	106.80000	-0.80882	106.78	-3.0712E-9	-0.0037585	75.169E-9
1	Grid	-27.66388	33.59338	106.80000	-0.88870	106.78	-3.7492E-9	-0.0041946	83.892E-9
1	Grid	-25.66871	33.59338	106.80000	-0.97182	106.78	-4.5368E-9	-0.0046634	93.268E-9
1	Grid	-23.67353	33.59338	106.80000	-1.05704	106.78	-5.4211E-9	-0.0051536	103.132E-9
1	Grid	-21.67835	33.59338	106.80000	-1.14291	106.78	-6.3727E-9	-0.0056597	113.19E-9
1	Grid	-19.68317	33.59338	106.80000	-1.22770	106.78	-7.3472E-9	-0.0061576	123.15E-9
1	Grid	-17.68799							



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]
1	Grid	46.15777	33.59338	106.80000	-0.88046	106.78	-215.86E-12	-865.77E-6	17.315E-9
1	Grid	48.15295	33.59338	106.80000	-0.94440	106.78	-184.75E-12	-791.73E-6	15.835E-9
1	Grid	50.14813	33.59338	106.80000	-1.02402	106.78	-158.75E-12	-725.49E-6	14.510E-9
1	Grid	52.14331	33.59338	106.80000	-1.12164	106.78	-136.93E-12	-666.10E-6	13.322E-9
1	Grid	54.13849	33.59338	106.80000	-1.24038	106.78	-118.54E-12	-612.75E-6	12.255E-9
1	Grid	56.13367	33.59338	106.80000	-1.38455	106.78	-102.99E-12	-564.72E-6	11.294E-9
1	Grid	58.12885	33.59338	106.80000	-1.56025	106.78	-89.781E-12	-521.38E-6	10.428E-9
1	Grid	60.12403	33.59338	106.80000	-1.77644	106.78	-78.519E-12	-482.21E-6	9.6442E-9
1	Grid	62.11921	33.59338	106.80000	-2.04709	106.78	-68.882E-12	-446.73E-6	8.9346E-9
1	Grid	64.11439	33.59338	106.80000	-2.39562	106.78	-60.612E-12	-414.53E-6	8.2907E-9
1	Grid	66.06137	33.59338	106.80000	-2.86603	106.78	-53.485E-12	-385.26E-6	7.7052E-9
1	Grid	68.10475	33.59338	106.80000	-3.55691	106.78	-47.327E-12	-358.60E-6	7.1720E-9
1	Grid	70.09993	33.59338	106.80000	-4.77436	106.78	-41.991E-12	-334.27E-6	6.6854E-9
1	Grid	72.09511	33.59338	106.80000	-7.09208	106.78	-37.348E-12	-312.03E-6	6.2406E-9
1	Grid	74.09029	33.59338	106.80000	-8.73368	106.78	-33.305E-12	-291.67E-6	5.8334E-9
1	Grid	76.08547	33.59338	106.80000	-10.93405	106.78	-29.767E-12	-273.00E-6	5.4600E-9
1	Grid	78.08065	33.59338	106.80000	-15.08920	106.78	-26.666E-12	-255.85E-6	5.1170E-9
1	Grid	80.07583	33.59338	106.80000	-16.37327	106.78	-23.939E-12	-240.07E-6	4.8014E-9
1	Grid	82.07101	33.59338	106.80000	-16.97468	106.78	-21.538E-12	-225.54E-6	4.5107E-9
1	Grid	84.06619	33.59338	106.80000	-17.18924	106.78	-19.415E-12	-212.13E-6	4.2425E-9
1	Grid	86.06137	33.59338	106.80000	-17.08758	106.78	-17.536E-12	-198.77E-6	3.9947E-9
1	Grid	88.05655	33.59338	106.80000	-16.62587	106.78	-15.870E-12	-188.27E-6	3.7654E-9
1	Grid	90.05173	33.59338	106.80000	-15.66370	106.78	-14.388E-12	-177.65E-6	3.5530E-9
1	Grid	92.04691	33.59338	106.80000	-13.59890	106.78	-13.069E-12	-167.80E-6	3.3560E-9
1	Grid	94.04209	33.59338	106.80000	-7.67507	106.78	-11.887E-12	-158.65E-6	3.1730E-9
1	Grid	96.03727	33.59338	106.80000	-5.28017	106.78	-10.834E-12	-150.14E-6	3.0092E-9
1	Grid	98.03245	33.59338	106.80000	-4.07063	106.78	-9.8901E-12	-142.22E-6	2.8444E-9
1	Grid	100.02763	33.59338	106.80000	-3.28027	106.78	-9.0381E-12	-134.84E-6	2.6968E-9
1	Grid	102.02281	33.59338	106.80000	-2.71348	106.78	-8.2767E-12	-127.95E-6	2.5590E-9
1	Grid	104.01799	33.59338	106.80000	-2.28303	106.78	-7.5853E-12	-121.52E-6	2.4303E-9
1	Grid	106.01317	33.59338	106.80000	-1.94369	106.78	-6.9644E-12	-115.50E-6	2.3100E-9
1	Grid	108.00835	33.59338	106.80000	-1.66905	106.78	-6.4035E-12	-109.87E-6	2.1974E-9
1	Grid	110.00353	33.59338	106.80000	-1.44249	106.78	-5.8966E-12	-104.59E-6	2.0919E-9
1	Grid	111.99871	33.59338	106.80000	-1.25281	106.78	-5.4363E-12	-99.645E-6	1.9929E-9
1	Grid	113.99389	33.59338	106.80000	-1.09219	106.78	-5.0167E-12	-94.999E-6	1.9000E-9
1	Grid	115.98906	33.59338	106.80000	-0.95491	106.78	-4.6343E-12	-90.548E-6	1.8127E-9
1	Grid	117.98424	33.59338	106.80000	-0.83677	106.78	-4.2886E-12	-86.530E-6	1.7306E-9
1	Grid	119.97942	33.59338	106.80000	-0.73444	106.78	-3.9722E-12	-82.666E-6	1.6533E-9
1	Grid	121.97460	33.59338	106.80000	-0.64539	106.78	-3.6817E-12	-79.026E-6	1.5805E-9
1	Grid	123.96978	33.59338	106.80000	-0.56756	106.78	-3.4186E-12	-75.595E-6	1.5119E-9
1	Grid	125.96496	33.59338	106.80000	-0.49932	106.78	-3.1768E-12	-72.357E-6	1.4471E-9
1	Grid	127.96014	33.59338	106.80000	-0.43928	106.78	-2.9530E-12	-69.299E-6	1.3860E-9
1	Grid	129.95532	33.59338	106.80000	-0.38636	106.78	-2.7491E-12	-66.409E-6	1.3282E-9
1	Grid	131.95050	33.59338	106.80000	-0.33960	106.78	-2.5639E-12	-63.676E-6	1.2735E-9
1	Grid	133.94568	33.59338	106.80000	-0.29822	106.78	-2.3914E-12	-61.090E-6	1.2218E-9
1	Grid	135.94086	33.59338	106.80000	-0.26153	106.78	-2.2329E-12	-58.745E-6	1.1728E-9
1	Grid	137.93604	33.59338	106.80000	-0.22898	106.78	-2.0843E-12	-56.319E-6	1.1264E-9
1	Grid	139.93122	33.59338	106.80000	-0.20005	106.78	-1.9511E-12	-54.117E-6	1.0823E-9
1	Grid	141.92640	33.59338	106.80000	-0.17433	106.78	-1.8259E-12	-52.027E-6	1.0405E-9
1	Grid	143.92158	33.59338	106.80000	-0.15145	106.78	-1.7126E-12	-50.043E-6	1.0009E-9
1	Grid	145.91676	33.59338	106.80000	-0.13108	106.78	-1.6047E-12	-48.159E-6	963.15E-12
1	Grid	147.91194	33.59338	106.80000	-0.11294	106.78	-1.5061E-12	-46.365E-6	927.29E-12
1	Grid	149.90712	33.59338	106.80000	-0.09678	106.78	-1.4149E-12	-44.659E-6	893.18E-12
1	Grid	151.90230	33.59338	106.80000	-0.08238	106.78	-1.3283E-12	-43.035E-6	860.70E-12
1	Grid	153.89748	33.59338	106.80000	-0.06956	106.78	-1.2523E-12	-41.489E-6	829.77E-12
1	Grid	155.89266	33.59338	106.80000	-0.05813	106.78	-1.1784E-12	-40.015E-6	800.72E-12
1	Grid	157.88784	33.59338	106.80000	-0.04797	106.78	-1.1098E-12	-38.609E-6	772.19E-12
1	Grid	159.88302	33.59338	106.80000	-0.03892	106.78	-1.0458E-12	-37.269E-6	745.37E-12
1	Grid	161.87820	33.59338	106.80000	-0.03087	106.78	0.0	-35.989E-6	719.77E-12
1	Grid	163.87338	33.59338	106.80000	-0.02371	106.78	0.0	-34.766E-6	695.32E-12
1	Grid	165.86856	33.59338	106.80000	-0.01803	106.78	0.0	-33.598E-6	671.96E-12
1	Grid	167.86374	33.59338	106.80000	-0.01172	106.78	0.0	-32.482E-6	649.63E-12
1	Grid	169.85892	33.59338	106.80000	-0.00673	106.78	0.0	-31.414E-6	628.27E-12
1	Grid	171.85410	33.59338	106.80000	-0.00231	106.78	0.0	-30.392E-6	607.83E-12
1	Grid	173.84928	33.59338	106.80000	0.00159	106.78	0.0	-29.413E-6	588.26E-12
1	Grid	175.84446	33.59338	106.80000	0.00458	106.78	0.0	-28.476E-6	569.52E-12
1	Grid	177.83964	33.59338	106.80000	0.00805	106.78	0.0	-27.578E-6	551.56E-12
1	Grid	179.83482	33.59338	106.80000	0.01071	106.78	0.0	-26.717E-6	534.34E-12
1	Grid	181.83000	33.59338	106.80000	0.01303	106.78	0.0	-25.891E-6	517.83E-12
1	Grid	-95.50000	35.46813	106.80000	0.01047	106.78	-18.413E-12	-204.64E-6	4.0928E-9
1	Grid	-93.50518	35.46813	106.80000	-0.00883	106.78	-20.406E-12	-217.42E-6	3.3483E-9
1	Grid	-91.50964	35.46813	106.80000	0.00583	106.78	-22.660E-12	-231.25E-6	4.6250E-9
1	Grid	-89.51446	35.46813	106.80000	0.00300	106.78	-25.214E-12	-246.25E-6	4.9250E-9
1	Grid	-87.51928	35.46813	106.80000	-0.00022	106.78	-28.118E-12	-262.54E-6	5.2508E-9
1	Grid	-85.52410	35.46813	106.80000	-0.00389	106.78	-31.428E-12	-280.26E-6	5.6031E-9
1	Grid	-83.52892	35.46813	106.80000	-0.00905	106.78	-35.206E-12	-299.55E-6	5.9127E-9
1	Grid	-81.53374	35.46813	106.80000	-0.01275	106.78	-39.532E-12	-320.60E-6	6.4119E-9
1	Grid	-79.53856	35.46813	106.80000	-0.01807	106.78	-44.501E-12	-343.59E-6	6.8718E-9
1	Grid	-77.54338	35.46813	106.80000	-0.02407	106.78	-50.224E-12	-368.76E-6	7.3751E-9
1	Grid	-75.54820	35.46813	106.80000	-0.03083	106.78	-56.837E-12	-396.35E-6	7.9269E-9
1	Grid	-73.55302	35.46813	106.80000	-0.03843	106.78	-64.494E-12	-426.48E-6	8.5328E-9
1	Grid	-71.55784	35.46813	106.80000	-0.04697	106.78	-73.396E-12	-459.97E-6	9.1994E-9
1	Grid	-69.56266	35.46813	106.80000	-0.05656	106.78	-83.780E-12	-496.70E-6	9.9340E-9
1	Grid	-67.56748	35.46813	106.80000	-0.06730	106.78	-95.926E-12	-537.25E-6	10.745E-9
1	Grid	-65.57230	35.46813	106.80000	-0.07933	106.78	-110.19E-12	-582.10E-6	11.642E-9
1	Grid	-63.57712	35.46813	106.80000	-0.09278	106.78	-126.99E-12	-631.11E-6	12.631E-9
1	Grid	-61.58194	35.46813	106.80000	-0.10781	106.78	-146.86E-12	-686.99E-6	13.740E-9
1	Grid	-59.58676	35.46813	106.80000	-0.12456	106.78	-170.45E-12	-748.36E-6	14.967E-9
1	Grid	-57.59158	35.46813	106.80000	-0.14323	106.78	-198.54E-12	-816.75E-6	16.335E-9
1	Grid	-55.59640	35.46813	106.80000	-0.16400	106.78	-232.14E-12	-893.08E-6	17.862E-9
1	Grid	-53.60122	35.46813	106.80000	-0.18703	106.78	-272.46E-12	-978.43E-6	19.569E-9
1	Grid	-51.60604	35.46813	106.80000	-0.21266	106.78	-321.03E-12	-0.0010740	21.480E-9
1	Grid	-49.61086	35.46813	106.80000	-0.24099	106.78	-379.73E-12	-0.0011811	23.623E-9
1	Grid	-47.61568	35.46813	106.80000	-0.27227	106.78	-450.92E-12	-0.0013014	26.029E-9
1	Grid	-45.62050	35.46813	106.80000	-0.30675	106.78	-537.50E-12	-0.0014365	28.731E-9
1	Grid	-43.62532	35.46813	106.80000	-0.34463	106.78	-643.04E-12	-0.0015842	31.767E-9
1	Grid	-41.63014	35.46813	106.80000	-0.38613	106.78	-771.88E-12	-0.0017589	35.178E-9
1	Grid	-39.63496	35.46813	106.80000	-0.43141	106.78	-929.25E-12	-0.0019502	39.005E-9
1	Grid</								



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	26.20597	35.46813	106.80000	-0.79993	106.78	-1.0910E-9	-0.0021534	43.068E-9
1	Grid	28.20115	35.46813	106.80000	-0.76757	106.78	-906.12E-12	-0.0019430	38.860E-9
1	Grid	30.19633	35.46813	106.80000	-0.74283	106.78	-754.46E-12	-0.0017548	35.097E-9
1	Grid	32.19151	35.46813	106.80000	-0.72610	106.78	-630.09E-12	-0.0015870	31.739E-9
1	Grid	34.18669	35.46813	106.80000	-0.71774	106.78	-528.02E-12	-0.0014373	28.745E-9
1	Grid	36.18187	35.46813	106.80000	-0.71809	106.78	-444.10E-12	-0.0013039	26.077E-9
1	Grid	38.17705	35.46813	106.80000	-0.72754	106.78	-374.94E-12	-0.0011849	23.698E-9
1	Grid	40.17223	35.46813	106.80000	-0.74656	106.78	-317.76E-12	-0.0010787	21.574E-9
1	Grid	42.16741	35.46813	106.80000	-0.77576	106.78	-270.34E-12	-983.86E-6	19.677E-9
1	Grid	44.16259	35.46813	106.80000	-0.81590	106.78	-230.87E-12	-899.01E-6	17.980E-9
1	Grid	46.15777	35.46813	106.80000	-0.86796	106.78	-197.89E-12	-823.00E-6	16.460E-9
1	Grid	48.15295	35.46813	106.80000	-0.93320	106.78	-170.25E-12	-754.79E-6	15.096E-9
1	Grid	50.14813	35.46813	106.80000	-1.01326	106.78	-146.98E-12	-693.48E-6	13.870E-9
1	Grid	52.14331	35.46813	106.80000	-1.11032	106.78	-127.33E-12	-638.27E-6	12.765E-9
1	Grid	54.13849	35.46813	106.80000	-1.22726	106.78	-110.68E-12	-588.48E-6	11.770E-9
1	Grid	56.13367	35.46813	106.80000	-1.36808	106.78	-96.505E-12	-543.49E-6	10.870E-9
1	Grid	58.12885	35.46813	106.80000	-1.53842	106.78	-84.416E-12	-502.76E-6	10.055E-9
1	Grid	60.12403	35.46813	106.80000	-1.74669	106.78	-74.056E-12	-465.83E-6	9.3165E-9
1	Grid	62.11921	35.46813	106.80000	-2.00621	106.78	-65.161E-12	-432.28E-6	8.6455E-9
1	Grid	64.11439	35.46813	106.80000	-2.34018	106.78	-57.492E-12	-401.75E-6	8.0350E-9
1	Grid	66.10957	35.46813	106.80000	-2.75823	106.78	-50.860E-12	-373.93E-6	7.4785E-9
1	Grid	68.10475	35.46813	106.80000	-3.49246	106.78	-45.111E-12	-348.52E-6	6.9704E-9
1	Grid	70.09993	35.46813	106.80000	-4.98113	106.78	-40.110E-12	-325.29E-6	6.5058E-9
1	Grid	72.09511	35.46813	106.80000	-9.88115	106.78	-35.751E-12	-304.01E-6	6.0803E-9
1	Grid	74.09029	35.46813	106.80000	-11.56114	106.78	-31.936E-12	-284.49E-6	5.6899E-9
1	Grid	76.08547	35.46813	106.80000	-12.80624	106.78	-28.596E-12	-266.54E-6	5.3312E-9
1	Grid	78.08065	35.46813	106.80000	-13.96594	106.78	-25.661E-12	-250.06E-6	5.0013E-9
1	Grid	80.07583	35.46813	106.80000	-14.74292	106.78	-23.075E-12	-234.86E-6	4.6972E-9
1	Grid	82.07101	35.46813	106.80000	-15.16647	106.78	-20.789E-12	-220.84E-6	4.4167E-9
1	Grid	84.06619	35.46813	106.80000	-15.31144	106.78	-18.766E-12	-207.88E-6	4.1575E-9
1	Grid	86.06137	35.46813	106.80000	-15.19958	106.78	-16.974E-12	-195.89E-6	3.9177E-9
1	Grid	88.05655	35.46813	106.80000	-14.79924	106.78	-15.380E-12	-184.78E-6	3.6956E-9
1	Grid	90.05173	35.46813	106.80000	-13.98271	106.78	-13.960E-12	-174.48E-6	3.4896E-9
1	Grid	92.04691	35.46813	106.80000	-12.22563	106.78	-12.692E-12	-164.91E-6	3.2982E-9
1	Grid	94.04209	35.46813	106.80000	-6.80595	106.78	-11.561E-12	-156.02E-6	3.1204E-9
1	Grid	96.03727	35.46813	106.80000	-4.78847	106.78	-10.543E-12	-147.74E-6	2.9548E-9
1	Grid	98.03245	35.46813	106.80000	-3.75675	106.78	-9.6330E-12	-140.02E-6	2.8005E-9
1	Grid	100.02763	35.46813	106.80000	-3.07127	106.78	-8.8149E-12	-132.83E-6	2.6565E-9
1	Grid	102.02281	35.46813	106.80000	-2.56912	106.78	-8.0755E-12	-126.11E-6	2.5221E-9
1	Grid	104.01799	35.46813	106.80000	-2.18107	106.78	-7.4094E-12	-119.82E-6	2.3965E-9
1	Grid	106.01317	35.46813	106.80000	-1.87076	106.78	-6.8086E-12	-113.94E-6	2.2788E-9
1	Grid	108.00835	35.46813	106.80000	-1.61663	106.78	-6.2657E-12	-108.43E-6	2.1687E-9
1	Grid	110.00353	35.46813	106.80000	-1.40485	106.78	-5.7734E-12	-103.27E-6	2.0654E-9
1	Grid	111.99871	35.46813	106.80000	-1.22599	106.78	-5.3224E-12	-98.424E-6	1.9685E-9
1	Grid	113.99388	35.46813	106.80000	-1.07338	106.78	-4.9161E-12	-93.871E-6	1.8774E-9
1	Grid	115.98906	35.46813	106.80000	-0.94209	106.78	-4.5464E-12	-89.591E-6	1.7918E-9
1	Grid	117.98424	35.46813	106.80000	-0.82839	106.78	-4.2066E-12	-85.563E-6	1.7113E-9
1	Grid	119.97942	35.46813	106.80000	-0.72939	106.78	-3.8995E-12	-81.770E-6	1.6354E-9
1	Grid	121.97460	35.46813	106.80000	-0.64280	106.78	-3.6178E-12	-78.194E-6	1.5639E-9
1	Grid	123.96978	35.46813	106.80000	-0.56680	106.78	-3.3593E-12	-74.822E-6	1.4964E-9
1	Grid	125.96496	35.46813	106.80000	-0.49989	106.78	-3.1235E-12	-71.638E-6	1.4328E-9
1	Grid	127.96014	35.46813	106.80000	-0.44080	106.78	-2.9083E-12	-68.630E-6	1.3726E-9
1	Grid	129.95532	35.46813	106.80000	-0.38854	106.78	-2.7065E-12	-65.786E-6	1.3157E-9
1	Grid	131.95050	35.46813	106.80000	-0.34222	106.78	-2.5260E-12	-63.095E-6	1.2619E-9
1	Grid	133.94568	35.46813	106.80000	-0.30110	106.78	-2.3554E-12	-60.547E-6	1.2109E-9
1	Grid	135.94086	35.46813	106.80000	-0.26455	106.78	-2.2002E-12	-58.157E-6	1.1627E-9
1	Grid	137.93604	35.46813	106.80000	-0.23204	106.78	-2.0577E-12	-55.844E-6	1.1169E-9
1	Grid	139.93122	35.46813	106.80000	-0.20309	106.78	-1.9258E-12	-53.673E-6	1.0735E-9
1	Grid	141.92640	35.46813	106.80000	-0.17729	106.78	-1.8019E-12	-51.611E-6	1.0322E-9
1	Grid	143.92158	35.46813	106.80000	-0.15430	106.78	-1.6873E-12	-49.653E-6	993.05E-12
1	Grid	145.91676	35.46813	106.80000	-0.13376	106.78	-1.5841E-12	-47.791E-6	955.82E-12
1	Grid	147.91194	35.46813	106.80000	-0.11549	106.78	-1.4895E-12	-46.021E-6	920.42E-12
1	Grid	149.90712	35.46813	106.80000	-0.09916	106.78	-1.3975E-12	-44.336E-6	886.72E-12
1	Grid	151.90230	35.46813	106.80000	-0.08460	106.78	-1.3143E-12	-42.731E-6	854.63E-12
1	Grid	153.89748	35.46813	106.80000	-0.07161	106.78	-1.2343E-12	-41.203E-6	824.06E-12
1	Grid	155.89266	35.46813	106.80000	-0.06003	106.78	-1.1631E-12	-39.746E-6	794.91E-12
1	Grid	157.88784	35.46813	106.80000	-0.04970	106.78	-1.0998E-12	-38.356E-6	767.11E-12
1	Grid	159.88302	35.46813	106.80000	-0.04050	106.78	-1.0358E-12	-37.029E-6	740.59E-12
1	Grid	161.87820	35.46813	106.80000	-0.03231	106.78	0.0	-35.763E-6	715.26E-12
1	Grid	163.87338	35.46813	106.80000	-0.02502	106.78	0.0	-34.553E-6	691.06E-12
1	Grid	165.86856	35.46813	106.80000	-0.01884	106.78	0.0	-33.375E-6	667.94E-12
1	Grid	167.86374	35.46813	106.80000	-0.01279	106.78	0.0	-32.291E-6	645.82E-12
1	Grid	169.85892	35.46813	106.80000	-0.00769	106.78	0.0	-31.233E-6	624.67E-12
1	Grid	171.85410	35.46813	106.80000	-0.00318	106.78	0.0	-30.221E-6	604.42E-12
1	Grid	173.84928	35.46813	106.80000	-0.00081	106.78	0.0	-29.252E-6	585.03E-12
1	Grid	175.84446	35.46813	106.80000	-0.00043	106.78	0.0	-28.323E-6	566.46E-12
1	Grid	177.83964	35.46813	106.80000	-0.00743	106.78	0.0	-27.433E-6	548.66E-12
1	Grid	179.83482	35.46813	106.80000	-0.01015	106.78	0.0	-26.579E-6	531.59E-12
1	Grid	181.83000	35.46813	106.80000	-0.01253	106.78	0.0	-25.761E-6	515.22E-12
1	Grid	-95.50000	37.34288	106.80000	-0.01134	106.78	-17.786E-12	-200.46E-6	4.0091E-9
1	Grid	-93.50518	37.34288	106.80000	-0.00981	106.78	-17.682E-12	-192.39E-6	3.2559E-9
1	Grid	-91.50964	37.34288	106.80000	-0.00699	106.78	-21.822E-12	-226.13E-6	4.5227E-9
1	Grid	-89.51446	37.34288	106.80000	-0.00433	106.78	-24.247E-12	-240.57E-6	4.8115E-9
1	Grid	-87.51928	37.34288	106.80000	-0.00131	106.78	-26.991E-12	-256.23E-6	5.1246E-9
1	Grid	-85.52410	37.34288	106.80000	-0.00213	106.78	-30.109E-12	-273.23E-6	5.4646E-9
1	Grid	-83.52892	37.34288	106.80000	-0.00043	106.78	-33.664E-12	-291.71E-6	5.8341E-9
1	Grid	-81.53374	37.34288	106.80000	-0.01042	106.78	-37.724E-12	-311.82E-6	6.2364E-9
1	Grid	-79.53856	37.34288	106.80000	-0.01539	106.78	-42.369E-12	-333.75E-6	6.6751E-9
1	Grid	-77.54338	37.34288	106.80000	-0.02099	106.78	-47.701E-12	-357.70E-6	7.1541E-9
1	Grid	-75.54820	37.34288	106.80000	-0.02729	106.78	-53.842E-12	-383.90E-6	7.6779E-9
1	Grid	-73.55302	37.34288	106.80000	-0.03437	106.78	-60.925E-12	-412.88E-6	8.2517E-9
1	Grid	-71.55784	37.34288	106.80000	-0.04231	106.78	-69.132E-12	-444.06E-6	8.8811E-9
1	Grid	-69.56266	37.34288	106.80000	-0.05120	106.78	-78.655E-12	-478.64E-6	9.5727E-9
1	Grid	-67.56748	37.34288	106.80000	-0.06115	106.78	-89.745E-12	-516.69E-6	10.334E-9
1	Grid	-65.57230	37.34288	106.80000	-0.07226	106.78	-102.70E-12	-558.64E-6	11.173E-9
1	Grid	-63.57712	37.34288	106.80000	-0.08460	106.78	-117.87E-12	-604.49E-6	12.092E-9
1	Grid	-61.58194	37.34288	106.80000	-0.09847	106.78	-135.71E-12	-656.15E-6	13.123E-9
1	Grid	-59.58676	37.34288	106.80000	-0.11383	106.78	-156.74E-12	-712.85E-6	14.257E-9
1	Grid								

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term										Job No.	Sheet No.	Rev.			
										3244					
										Dr. Ref.					
Made by					Date		Checked								
AC															
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain						
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]						
1	Grid	6.25417	37.34288	106.80000	-1.13779	106.78	-4.0562E-9	-0.0045375	90.750E-9						
1	Grid	8.24935	37.34288	106.80000	-1.10372	106.78	-3.6630E-9	-0.0042685	85.370E-9						
1	Grid	10.24453	37.34288	106.80000	-1.06472	106.78	-3.2578E-9	-0.0039843	79.686E-9						
1	Grid	12.23971	37.34288	106.80000	-1.02201	106.78	-2.8572E-9	-0.0036935	73.870E-9						
1	Grid	14.23489	37.34288	106.80000	-0.97696	106.78	-2.4757E-9	-0.0034039	68.078E-9						
1	Grid	16.23007	37.34288	106.80000	-0.93108	106.78	-2.1237E-9	-0.0031221	62.441E-9						
1	Grid	18.22525	37.34288	106.80000	-0.88591	106.78	-1.8076E-9	-0.0028529	57.057E-9						
1	Grid	20.22043	37.34288	106.80000	-0.84289	106.78	-1.5299E-9	-0.0025998	51.995E-9						
1	Grid	22.21561	37.34288	106.80000	-0.80329	106.78	-1.2902E-9	-0.0023647	47.295E-9						
1	Grid	24.21079	37.34288	106.80000	-0.76819	106.78	-1.0858E-9	-0.0021486	42.972E-9						
1	Grid	26.20597	37.34288	106.80000	-0.73847	106.78	-913.25E-12	-0.0019514	39.027E-9						
1	Grid	28.20115	37.34288	106.80000	-0.71481	106.78	-768.48E-12	-0.0017723	35.447E-9						
1	Grid	30.19633	37.34288	106.80000	-0.69778	106.78	-647.53E-12	-0.0016105	32.210E-9						
1	Grid	32.19151	37.34288	106.80000	-0.68786	106.78	-546.68E-12	-0.0014646	29.292E-9						
1	Grid	34.18669	37.34288	106.80000	-0.68546	106.78	-462.66E-12	-0.0013333	26.666E-9						
1	Grid	36.18187	37.34288	106.80000	-0.69102	106.78	-392.63E-12	-0.0012152	24.305E-9						
1	Grid	38.17705	37.34288	106.80000	-0.70499	106.78	-334.19E-12	-0.0011091	22.183E-9						
1	Grid	40.17223	37.34288	106.80000	-0.72791	106.78	-285.33E-12	-0.0010138	20.276E-9						
1	Grid	42.16741	37.34288	106.80000	-0.76038	106.78	-244.39E-12	-928.04E-6	18.561E-9						
1	Grid	44.16259	37.34288	106.80000	-0.80319	106.78	-209.99E-12	-850.87E-6	17.017E-9						
1	Grid	46.15777	37.34288	106.80000	-0.85727	106.78	-181.02E-12	-781.35E-6	15.627E-9						
1	Grid	48.15295	37.34288	106.80000	-0.92381	106.78	-156.53E-12	-718.65E-6	14.373E-9						
1	Grid	50.14813	37.34288	106.80000	-1.00434	106.78	-135.78E-12	-662.03E-6	13.241E-9						
1	Grid	52.14331	37.34288	106.80000	-1.10081	106.78	-118.14E-12	-610.82E-6	12.216E-9						
1	Grid	54.13849	37.34288	106.80000	-1.21584	106.78	-103.10E-12	-564.45E-6	11.289E-9						
1	Grid	56.13367	37.34288	106.80000	-1.35296	106.78	-90.239E-12	-522.40E-6	10.448E-9						
1	Grid	58.12885	37.34288	106.80000	-1.51714	106.78	-79.203E-12	-484.20E-6	9.6840E-9						
1	Grid	60.12403	37.34288	106.80000	-1.71569	106.78	-69.706E-12	-449.45E-6	8.9891E-9						
1	Grid	62.11921	37.34288	106.80000	-1.96002	106.78	-61.513E-12	-417.80E-6	8.3559E-9						
1	Grid	64.11439	37.34288	106.80000	-2.26958	106.78	-54.420E-12	-388.91E-6	7.7782E-9						
1	Grid	66.10957	37.34288	106.80000	-2.68168	106.78	-48.267E-12	-362.51E-6	7.2502E-9						
1	Grid	68.10475	37.34288	106.80000	-3.28261	106.78	-42.914E-12	-338.35E-6	6.7671E-9						
1	Grid	70.09993	37.34288	106.80000	-4.34834	106.78	-38.245E-12	-316.21E-6	6.3243E-9						
1	Grid	72.09511	37.34288	106.80000	-6.34834	106.78	-34.156E-12	-295.89E-6	5.9178E-9						
1	Grid	74.09029	37.34288	106.80000	-7.50399	106.78	-30.576E-12	-277.21E-6	5.5442E-9						
1	Grid	76.08547	37.34288	106.80000	-8.72122	106.78	-27.425E-12	-260.02E-6	5.2004E-9						
1	Grid	78.08065	37.34288	106.80000	-8.98280	106.78	-24.652E-12	-244.17E-6	4.8835E-9						
1	Grid	80.07583	37.34288	106.80000	-9.46192	106.78	-22.203E-12	-229.55E-6	4.5910E-9						
1	Grid	82.07101	37.34288	106.80000	-9.74037	106.78	-20.037E-12	-216.04E-6	4.3207E-9						
1	Grid	84.06619	37.34288	106.80000	-9.82367	106.78	-18.116E-12	-203.53E-6	4.0706E-9						
1	Grid	86.06137	37.34288	106.80000	-9.71075	106.78	-16.408E-12	-191.95E-6	3.8389E-9						
1	Grid	88.05655	37.34288	106.80000	-9.37729	106.78	-14.885E-12	-181.20E-6	3.6240E-9						
1	Grid	90.05173	37.34288	106.80000	-8.75023	106.78	-13.525E-12	-171.22E-6	3.4245E-9						
1	Grid	92.04691	37.34288	106.80000	-7.60269	106.78	-12.312E-12	-161.95E-6	3.2389E-9						
1	Grid	94.04209	37.34288	106.80000	-5.50164	106.78	-11.226E-12	-153.31E-6	3.0662E-9						
1	Grid	96.03727	37.34288	106.80000	-4.21490	106.78	-10.251E-12	-145.27E-6	2.9053E-9						
1	Grid	98.03245	37.34288	106.80000	-3.42161	106.78	-9.3738E-12	-137.76E-6	2.7552E-9						
1	Grid	100.02763	37.34288	106.80000	-2.85518	106.78	-8.5865E-12	-130.75E-6	2.6150E-9						
1	Grid	102.02281	37.34288	106.80000	-2.42273	106.78	-7.8737E-12	-124.20E-6	2.4840E-9						
1	Grid	104.01799	37.34288	106.80000	-2.07915	106.78	-7.2296E-12	-118.07E-6	2.3614E-9						
1	Grid	106.01317	37.34288	106.80000	-1.79876	106.78	-6.6507E-12	-112.33E-6	2.2466E-9						
1	Grid	108.00835	37.34288	106.80000	-1.54949	106.78	-6.1238E-12	-106.95E-6	2.1390E-9						
1	Grid	110.00353	37.34288	106.80000	-1.36860	106.78	-5.6428E-12	-101.90E-6	2.0380E-9						
1	Grid	111.99871	37.34288	106.80000	-1.20057	106.78	-5.2105E-12	-97.159E-6	1.9432E-9						
1	Grid	113.99388	37.34288	106.80000	-1.05590	106.78	-4.8161E-12	-92.701E-6	1.8540E-9						
1	Grid	115.98906	37.34288	106.80000	-0.93048	106.78	-4.4544E-12	-88.508E-6	1.7702E-9						
1	Grid	117.98424	37.34288	106.80000	-0.82113	106.78	-4.1274E-12	-84.560E-6	1.6912E-9						
1	Grid	119.97942	37.34288	106.80000	-0.72535	106.78	-3.8236E-12	-80.839E-6	1.6168E-9						
1	Grid	121.97460	37.34288	106.80000	-0.64114	106.78	-3.5512E-12	-77.330E-6	1.5466E-9						
1	Grid	123.96978	37.34288	106.80000	-0.56687	106.78	-3.3007E-12	-74.018E-6	1.4804E-9						
1	Grid	125.96496	37.34288	106.80000	-0.50319	106.78	-3.0695E-12	-70.890E-6	1.4178E-9						
1	Grid	127.96014	37.34288	106.80000	-0.44298	106.78	-2.8564E-12	-67.933E-6	1.3587E-9						
1	Grid	129.95532	37.34288	106.80000	-0.39131	106.78	-2.6632E-12	-65.136E-6	1.3027E-9						
1	Grid	131.95050	37.34288	106.80000	-0.34536	106.78	-2.4853E-12	-62.489E-6	1.2498E-9						
1	Grid	133.94568	37.34288	106.80000	-0.30445	106.78	-2.3195E-12	-59.981E-6	1.1996E-9						
1	Grid	135.94086	37.34288	106.80000	-0.26799	106.78	-2.1676E-12	-57.604E-6	1.1521E-9						
1	Grid	137.93604	37.34288	106.80000	-0.23548	106.78	-2.0277E-12	-55.349E-6	1.1070E-9						
1	Grid	139.93122	37.34288	106.80000	-0.20645	106.78	-1.8971E-12	-53.209E-6	1.0642E-9						
1	Grid	141.92640	37.34288	106.80000	-0.18054	106.78	-1.7766E-12	-51.177E-6	1.0235E-9						
1	Grid	143.92158	37.34288	106.80000	-0.15739	106.78	-1.6653E-12	-49.245E-6	984.91E-12						
1	Grid	145.91676	37.34288	106.80000	-0.13671	106.78	-1.5634E-12	-47.409E-6	948.18E-12						
1	Grid	147.91194	37.34288	106.80000	-0.11823	106.78	-1.4695E-12	-45.662E-6	913.23E-12						
1	Grid	149.90712	37.34288	106.80000	-0.10172	106.78	-1.3789E-12	-43.998E-6	879.97E-12						
1	Grid	151.90230	37.34288	106.80000	-0.08697	106.78	-1.2983E-12	-42.414E-6	848.28E-12						
1	Grid	153.89748	37.34288	106.80000	-0.07379	106.78	-1.2237E-12	-40.904E-6	818.08E-12						
1	Grid	155.89266	37.34288	106.80000	-0.06203	106.78	-1.1511E-12	-39.444E-6	789.28E-12						
1	Grid	157.88784	37.34288	106.80000	-0.05153	106.78	-1.0851E-12	-38.090E-6	761.80E-12						
1	Grid	159.88302	37.34288	106.80000	-0.04217	106.78	-1.0218E-12	-36.779E-6	735.58E-12						
1	Grid	161.87820	37.34288	106.80000	-0.03383	106.78	0.0	-35.527E-6	710.53E-12						
1	Grid	163.87338	37.34288	106.80000	-0.02640	106.78	0.0	-34.330E-6	686.60E-12						
1	Grid	165.86856	37.34288	106.80000	-0.01979	106.78	0.0	-33.186E-6	663.72E-12						
1	Grid	167.86374	37.34288	106.80000	-0.01391	106.78	0.0	-32.092E-6	641.83E-12						
1	Grid	169.85892	37.34288	106.80000	-0.00870	106.78	0.0	-31.045E-6	620.89E-12						
1	Grid	171.85410	37.34288	106.80000	-0.00408	106.78	0.0	-30.042E-6	600.85E-12						
1	Grid	173.84928	37.34288	106.80000	0.00000	106.78	0.0	-29.082E-6	581.65E-12						
1	Grid	175.84446	37.34288	106.80000	0.00361	106.78	0.0	-28.162E-6	563.25E-12						
1	Grid	177.83964	37.34288	106.80000	0.00679	106.78	0.0	-27.281E-6	545.18E-12						
1	Grid	179.83482	37.34288	106.80000	0.00958	106.78	0.0	-26.435E-6	528.70E-12						
1	Grid	181.83000	37.34288	106.80000	0.01202	106.78	0.0	-25.624E-6	512.48E-12						
1	Grid	-95.50000	39.21763	106.80000	0.01220	106.78	-17.153E-12	-196.19E-6	3.9238E-9						
1	Grid	-93.50482	39.21763	106.80000	0.00810	106.78	-18.954E-12	-208.08E-6	4.1617E-9						
1	Grid	-91.50964	39.21763												

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term										Job No.	Sheet No.	Rev.		
										3244				
										Drg. Ref.				
										Made by AC	Date		Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level [MOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]					
1	Grid	-13.69763	39.21763	106.80000	-0.92897	106.78	-3.4787E-9	-0.0042074	84.148E-9					
1	Grid	-11.70245	39.21763	106.80000	-0.96261	106.78	-3.6469E-9	-0.0043368	86.735E-9					
1	Grid	-9.70727	39.21763	106.80000	-0.99081	106.78	-3.7696E-9	-0.0044313	88.626E-9					
1	Grid	-7.71209	39.21763	106.80000	-1.01300	106.78	-3.8427E-9	-0.0044882	89.764E-9					
1	Grid	-5.71691	39.21763	106.80000	-1.02879	106.78	-3.8641E-9	-0.0045058	90.116E-9					
1	Grid	-3.72173	39.21763	106.80000	-1.03795	106.78	-3.8331E-9	-0.0044835	89.670E-9					
1	Grid	-1.72655	39.21763	106.80000	-1.04043	106.78	-3.7506E-9	-0.0044221	88.442E-9					
1	Grid	0.26863	39.21763	106.80000	-1.03631	106.78	-3.6192E-9	-0.0043234	86.467E-9					
1	Grid	2.26381	39.21763	106.80000	-1.02587	106.78	-3.4432E-9	-0.0041904	83.807E-9					
1	Grid	4.25899	39.21763	106.80000	-1.00951	106.78	-3.2290E-9	-0.0040273	80.545E-9					
1	Grid	6.25417	39.21763	106.80000	-0.98777	106.78	-2.9848E-9	-0.0038392	76.785E-9					
1	Grid	8.24935	39.21763	106.80000	-0.96138	106.78	-2.7203E-9	-0.0036321	72.642E-9					
1	Grid	10.24453	39.21763	106.80000	-0.93117	106.78	-2.4463E-9	-0.0034120	68.241E-9					
1	Grid	12.23971	39.21763	106.80000	-0.89814	106.78	-2.1728E-9	-0.0031852	63.704E-9					
1	Grid	14.23489	39.21763	106.80000	-0.86340	106.78	-1.9089E-9	-0.0029572	59.144E-9					
1	Grid	16.23007	39.21763	106.80000	-0.82813	106.78	-1.6616E-9	-0.0027330	54.659E-9					
1	Grid	18.22525	39.21763	106.80000	-0.79355	106.78	-1.4355E-9	-0.0025164	50.328E-9					
1	Grid	20.22043	39.21763	106.80000	-0.76080	106.78	-1.2330E-9	-0.0023103	46.207E-9					
1	Grid	22.21561	39.21763	106.80000	-0.73094	106.78	-1.0547E-9	-0.0021167	42.334E-9					
1	Grid	24.21079	39.21763	106.80000	-0.70491	106.78	-899.83E-12	-0.0019365	38.731E-9					
1	Grid	26.20597	39.21763	106.80000	-0.68349	106.78	-766.57E-12	-0.0017702	35.404E-9					
1	Grid	28.20115	39.21763	106.80000	-0.66737	106.78	-652.79E-12	-0.0016176	32.352E-9					
1	Grid	30.19633	39.21763	106.80000	-0.65712	106.78	-556.14E-12	-0.0014783	29.565E-9					
1	Grid	32.19151	39.21763	106.80000	-0.65328	106.78	-474.31E-12	-0.0013515	27.029E-9					
1	Grid	34.18669	39.21763	106.80000	-0.65631	106.78	-405.16E-12	-0.0012363	24.726E-9					
1	Grid	36.18187	39.21763	106.80000	-0.66668	106.78	-346.78E-12	-0.0011320	22.639E-9					
1	Grid	38.17705	39.21763	106.80000	-0.68491	106.78	-297.48E-12	-0.0010375	20.749E-9					
1	Grid	40.17223	39.21763	106.80000	-0.71154	106.78	-255.81E-12	-951.95E-6	19.039E-9					
1	Grid	42.16741	39.21763	106.80000	-0.74722	106.78	-220.55E-12	-874.55E-6	17.491E-9					
1	Grid	44.16259	39.21763	106.80000	-0.79269	106.78	-190.66E-12	-804.48E-6	16.090E-9					
1	Grid	46.15777	39.21763	106.80000	-0.84886	106.78	-165.26E-12	-741.01E-6	14.820E-9					
1	Grid	48.15295	39.21763	106.80000	-0.91683	106.78	-143.64E-12	-683.49E-6	13.670E-9					
1	Grid	50.14813	39.21763	106.80000	-0.99798	106.78	-125.19E-12	-631.30E-6	12.626E-9					
1	Grid	52.14331	39.21763	106.80000	-1.09406	106.78	-109.40E-12	-583.90E-6	11.678E-9					
1	Grid	54.13849	39.21763	106.80000	-1.20734	106.78	-95.857E-12	-540.80E-6	10.816E-9					
1	Grid	56.13367	39.21763	106.80000	-1.34081	106.78	-84.209E-12	-501.57E-6	10.031E-9					
1	Grid	58.12885	39.21763	106.80000	-1.49859	106.78	-74.167E-12	-465.81E-6	9.3162E-9					
1	Grid	60.12403	39.21763	106.80000	-1.68652	106.78	-65.484E-12	-433.18E-6	8.6636E-9					
1	Grid	62.11921	39.21763	106.80000	-1.91331	106.78	-57.960E-12	-403.36E-6	8.0672E-9					
1	Grid	64.11439	39.21763	106.80000	-2.19259	106.78	-51.422E-12	-376.08E-6	7.5215E-9					
1	Grid	66.10957	39.21763	106.80000	-2.54691	106.78	-45.726E-12	-351.08E-6	7.0216E-9					
1	Grid	68.10475	39.21763	106.80000	-3.01400	106.78	-40.753E-12	-328.15E-6	6.5629E-9					
1	Grid	70.09993	39.21763	106.80000	-3.64245	106.78	-36.402E-12	-307.08E-6	6.1416E-9					
1	Grid	72.09511	39.21763	106.80000	-4.39028	106.78	-32.582E-12	-287.70E-6	5.7541E-9					
1	Grid	74.09029	39.21763	106.80000	-5.06935	106.78	-29.223E-12	-269.86E-6	5.3971E-9					
1	Grid	76.08547	39.21763	106.80000	-5.62725	106.78	-26.263E-12	-253.40E-6	5.0680E-9					
1	Grid	78.08065	39.21763	106.80000	-6.07422	106.78	-23.648E-12	-238.20E-6	4.7641E-9					
1	Grid	80.07583	39.21763	106.80000	-6.39996	106.78	-21.334E-12	-224.16E-6	4.4832E-9					
1	Grid	82.07101	39.21763	106.80000	-6.59140	106.78	-19.282E-12	-211.16E-6	4.2231E-9					
1	Grid	84.06619	39.21763	106.80000	-6.64194	106.78	-17.459E-12	-199.11E-6	3.9822E-9					
1	Grid	86.06137	39.21763	106.80000	-6.54564	106.78	-15.832E-12	-187.39E-6	3.7586E-9					
1	Grid	88.05655	39.21763	106.80000	-6.28993	106.78	-14.384E-12	-177.55E-6	3.5510E-9					
1	Grid	90.05173	39.21763	106.80000	-5.85055	106.78	-13.091E-12	-167.90E-6	3.3579E-9					
1	Grid	92.04691	39.21763	106.80000	-5.19982	106.78	-11.930E-12	-158.91E-6	3.1782E-9					
1	Grid	94.04209	39.21763	106.80000	-4.40172	106.78	-10.887E-12	-150.54E-6	3.0108E-9					
1	Grid	96.03727	39.21763	106.80000	-3.67601	106.78	-9.9527E-12	-142.73E-6	2.8546E-9					
1	Grid	98.03245	39.21763	106.80000	-3.10199	106.78	-9.1107E-12	-135.44E-6	2.7087E-9					
1	Grid	100.02763	39.21763	106.80000	-2.64891	106.78	-8.3520E-12	-128.62E-6	2.5724E-9					
1	Grid	102.02281	39.21763	106.80000	-2.28357	106.78	-7.6652E-12	-122.24E-6	2.4449E-9					
1	Grid	104.01799	39.21763	106.80000	-1.98295	106.78	-7.0407E-12	-116.27E-6	2.3254E-9					
1	Grid	106.01317	39.21763	106.80000	-1.73144	106.78	-6.4841E-12	-110.67E-6	2.2135E-9					
1	Grid	108.00835	39.21763	106.80000	-1.51826	106.78	-5.9746E-12	-105.42E-6	2.1084E-9					
1	Grid	110.00353	39.21763	106.80000	-1.33567	106.78	-5.5136E-12	-100.49E-6	2.0098E-9					
1	Grid	111.99871	39.21763	106.80000	-1.17797	106.78	-5.0919E-12	-95.854E-6	1.9171E-9					
1	Grid	113.99388	39.21763	106.80000	-1.04085	106.78	-4.7089E-12	-91.494E-6	1.8299E-9					
1	Grid	115.98906	39.21763	106.80000	-0.92097	106.78	-4.3605E-12	-87.390E-6	1.7478E-9					
1	Grid	117.98424	39.21763	106.80000	-0.81569	106.78	-4.0421E-12	-83.522E-6	1.6704E-9					
1	Grid	119.97942	39.21763	106.80000	-0.72289	106.78	-3.7470E-12	-79.876E-6	1.5975E-9					
1	Grid	121.97460	39.21763	106.80000	-0.64085	106.78	-3.4825E-12	-76.435E-6	1.5287E-9					
1	Grid	123.96978	39.21763	106.80000	-0.56813	106.78	-3.2387E-12	-73.186E-6	1.4637E-9					
1	Grid	125.96496	39.21763	106.80000	-0.50355	106.78	-3.0116E-12	-70.115E-6	1.4023E-9					
1	Grid	127.96014	39.21763	106.80000	-0.44608	106.78	-2.8058E-12	-67.211E-6	1.3442E-9					
1	Grid	129.95532	39.21763	106.80000	-0.39487	106.78	-2.6152E-12	-64.463E-6	1.2893E-9					
1	Grid	131.95050	39.21763	106.80000	-0.34919	106.78	-2.4427E-12	-61.860E-6	1.2372E-9					
1	Grid	133.94568	39.21763	106.80000	-0.30841	106.78	-2.2808E-12	-59.394E-6	1.1879E-9					
1	Grid	135.94086	39.21763	106.80000	-0.27196	106.78	-2.1310E-12	-57.055E-6	1.1411E-9					
1	Grid	137.93604	39.21763	106.80000	-0.23937	106.78	-1.9957E-12	-54.835E-6	1.0967E-9					
1	Grid	139.93122	39.21763	106.80000	-0.21022	106.78	-1.8698E-12	-52.728E-6	1.0546E-9					
1	Grid	141.92640	39.21763	106.80000	-0.18413	106.78	-1.7499E-12	-50.725E-6	1.0145E-9					
1	Grid	143.92158	39.21763	106.80000	-0.16079	106.78	-1.6440E-12	-48.822E-6	9.76.44E-12					
1	Grid	145.91676	39.21763	106.80000	-0.13990	106.78	-1.5428E-12	-47.011E-6	940.23E-12					
1	Grid	147.91193	39.21763	106.80000	-0.12100	106.78	-1.4482E-12	-45.288E-6	905.76E-12					
1	Grid	149.90712	39.21763	106.80000	-0.10447	106.78	-1.3622E-12	-43.647E-6	872.34E-12					
1	Grid	151.90230	39.21763	106.80000	-0.08951	106.78	-1.2816E-12	-42.083E-6	841.67E-12					
1	Grid	153.89748	39.21763	106.80000	-0.07612	106.78	-1.2070E-12	-40.593E-6	811.85E-12					
1	Grid	155.89266	39.21763	106.80000	-0.06416	106.78	-1.1344E-12	-39.171E-6	783.41E-12					
1	Grid	157.88783	39.21763	106.80000	-0.05348	106.78	-1.0719E-12	-37.814E-6	756.27E-12					
1	Grid	159.88302	39.21763	106.80000	-0.04394	106.78	-1.0099E-12	-36.518E-6	730.36E-12					
1	Grid	161.87820	39.21763	106.80000	-0.03543	106.78	0.0	-35.280E-6	705.60E-12					
1	Grid	163.87338	39.21763	106.80000	-0.02784	106.78	0.0	-34.097E-6	681.94E-12					
1	Grid	165.86856	39.21763	106.80000	-0.02109	106.78	0.0	-32.966E-6	659.32E-12					
1	Grid	167.86374	39.21763	106.80000	-0.01509	106.78	0.0</							

Highgate Junior School Sports Hall Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]		[mCD]	[mm]				
1	Grid	-35.64942	41.09237	106.80000	-0.41666	106.78	-865.96E-12	-0.0019077	38.155E-9
1	Grid	-31.65424	41.09237	106.80000	-0.45502	106.78	-1.0232E-9	-0.0020702	41.403E-9
1	Grid	-29.65906	41.09237	106.80000	-0.49480	106.78	-1.1760E-9	-0.0022411	44.821E-9
1	Grid	-27.66388	41.09237	106.80000	-0.53563	106.78	-1.3435E-9	-0.0024186	48.371E-9
1	Grid	-25.66871	41.09237	106.80000	-0.57708	106.78	-1.5232E-9	-0.0026002	52.003E-9
1	Grid	-23.67353	41.09237	106.80000	-0.61860	106.78	-1.7114E-9	-0.0027827	55.654E-9
1	Grid	-21.67835	41.09237	106.80000	-0.65959	106.78	-1.9033E-9	-0.0029624	59.247E-9
1	Grid	-19.68317	41.09237	106.80000	-0.69938	106.78	-2.0927E-9	-0.0031349	62.697E-9
1	Grid	-17.68799	41.09237	106.80000	-0.73727	106.78	-2.2731E-9	-0.0032957	65.914E-9
1	Grid	-15.69281	41.09237	106.80000	-0.77257	106.78	-2.4378E-9	-0.0034404	68.808E-9
1	Grid	-13.69763	41.09237	106.80000	-0.80458	106.78	-2.5807E-9	-0.0035647	71.294E-9
1	Grid	-11.70245	41.09237	106.80000	-0.83268	106.78	-2.6965E-9	-0.0036651	73.301E-9
1	Grid	-9.70727	41.09237	106.80000	-0.85635	106.78	-2.7811E-9	-0.0037384	74.768E-9
1	Grid	-7.71209	41.09237	106.80000	-0.87514	106.78	-2.8316E-9	-0.0037826	75.651E-9
1	Grid	-5.71691	41.09237	106.80000	-0.88874	106.78	-2.8465E-9	-0.0037963	75.926E-9
1	Grid	-3.72173	41.09237	106.80000	-0.89699	106.78	-2.8252E-9	-0.0037792	75.584E-9
1	Grid	-1.72655	41.09237	106.80000	-0.89983	106.78	-2.7684E-9	-0.0037318	74.635E-9
1	Grid	0.26863	41.09237	106.80000	-0.89737	106.78	-2.6780E-9	-0.0036554	73.109E-9
1	Grid	2.26381	41.09237	106.80000	-0.88982	106.78	-2.5571E-9	-0.0035525	71.050E-9
1	Grid	4.25899	41.09237	106.80000	-0.87755	106.78	-2.4101E-9	-0.0034261	68.521E-9
1	Grid	6.25417	41.09237	106.80000	-0.86102	106.78	-2.2423E-9	-0.0032799	65.598E-9
1	Grid	8.24935	41.09237	106.80000	-0.84084	106.78	-2.0601E-9	-0.0031182	62.364E-9
1	Grid	10.24453	41.09237	106.80000	-0.81773	106.78	-1.8701E-9	-0.0029455	58.910E-9
1	Grid	12.23971	41.09237	106.80000	-0.79249	106.78	-1.6790E-9	-0.0027663	55.326E-9
1	Grid	14.23489	41.09237	106.80000	-0.76604	106.78	-1.4925E-9	-0.0025848	51.696E-9
1	Grid	16.23007	41.09237	106.80000	-0.73931	106.78	-1.3154E-9	-0.0024046	48.092E-9
1	Grid	18.22525	41.09237	106.80000	-0.71334	106.78	-1.1510E-9	-0.0022289	44.577E-9
1	Grid	20.22043	41.09237	106.80000	-0.68901	106.78	-1.0014E-9	-0.0020599	41.198E-9
1	Grid	22.21561	41.09237	106.80000	-0.66724	106.78	-867.39E-12	-0.0018995	37.989E-9
1	Grid	24.21079	41.09237	106.80000	-0.64684	106.78	-749.00E-12	-0.0017486	34.972E-9
1	Grid	26.20597	41.09237	106.80000	-0.62845	106.78	-645.47E-12	-0.0016080	32.159E-9
1	Grid	28.20115	41.09237	106.80000	-0.62496	106.78	-555.65E-12	-0.0014776	29.552E-9
1	Grid	30.19633	41.09237	106.80000	-0.62072	106.78	-478.21E-12	-0.0013575	27.150E-9
1	Grid	32.19151	41.09237	106.80000	-0.62233	106.78	-411.72E-12	-0.0012472	24.944E-9
1	Grid	34.18669	41.09237	106.80000	-0.63032	106.78	-354.79E-12	-0.0011462	22.925E-9
1	Grid	36.18187	41.09237	106.80000	-0.64118	106.78	-306.14E-12	-0.0010540	21.100E-9
1	Grid	38.17705	41.09237	106.80000	-0.66744	106.78	-264.58E-12	-969.91E-6	19.398E-9
1	Grid	40.17223	41.09237	106.80000	-0.69769	106.78	-229.10E-12	-893.28E-6	17.866E-9
1	Grid	42.16741	41.09237	106.80000	-0.73656	106.78	-198.78E-12	-823.51E-6	16.470E-9
1	Grid	44.16259	41.09237	106.80000	-0.78477	106.78	-172.85E-12	-759.98E-6	15.200E-9
1	Grid	46.15777	41.09237	106.80000	-0.84320	106.78	-150.65E-12	-702.13E-6	14.043E-9
1	Grid	48.15295	41.09237	106.80000	-0.91286	106.78	-131.60E-12	-649.43E-6	12.989E-9
1	Grid	50.14813	41.09237	106.80000	-0.99498	106.78	-115.22E-12	-601.40E-6	12.028E-9
1	Grid	52.14331	41.09237	106.80000	-1.09109	106.78	-101.13E-12	-557.60E-6	11.152E-9
1	Grid	54.13849	41.09237	106.80000	-1.20310	106.78	-88.965E-12	-517.61E-6	10.352E-9
1	Grid	56.13367	41.09237	106.80000	-1.33347	106.78	-78.444E-12	-481.08E-6	9.621E-9
1	Grid	58.12885	41.09237	106.80000	-1.48539	106.78	-69.327E-12	-447.66E-6	8.9533E-9
1	Grid	60.12403	41.09237	106.80000	-1.66320	106.78	-61.412E-12	-417.07E-6	8.3414E-9
1	Grid	62.11921	41.09237	106.80000	-1.87282	106.78	-54.520E-12	-389.03E-6	7.7807E-9
1	Grid	64.11439	41.09237	106.80000	-2.12244	106.78	-48.504E-12	-363.31E-6	7.2662E-9
1	Grid	66.10957	41.09237	106.80000	-2.42292	106.78	-43.246E-12	-339.68E-6	6.7935E-9
1	Grid	68.10475	41.09237	106.80000	-2.78609	106.78	-38.637E-12	-317.94E-6	6.3588E-9
1	Grid	70.09993	41.09237	106.80000	-3.21458	106.78	-34.590E-12	-297.93E-6	5.9586E-9
1	Grid	72.09511	41.09237	106.80000	-3.68028	106.78	-31.030E-12	-279.48E-6	5.5897E-9
1	Grid	74.09029	41.09237	106.80000	-4.12889	106.78	-27.888E-12	-262.46E-6	5.2492E-9
1	Grid	76.08547	41.09237	106.80000	-4.52196	106.78	-25.111E-12	-246.73E-6	4.9346E-9
1	Grid	78.08065	41.09237	106.80000	-4.84105	106.78	-22.652E-12	-232.18E-6	4.6436E-9
1	Grid	80.07583	41.09237	106.80000	-5.07194	106.78	-20.470E-12	-218.71E-6	4.3741E-9
1	Grid	82.07101	41.09237	106.80000	-5.20302	106.78	-18.531E-12	-206.22E-6	4.1243E-9
1	Grid	84.06619	41.09237	106.80000	-5.22710	106.78	-16.804E-12	-194.62E-6	3.8925E-9
1	Grid	86.06137	41.09237	106.80000	-5.14028	106.78	-15.262E-12	-183.85E-6	3.6771E-9
1	Grid	88.05655	41.09237	106.80000	-4.93973	106.78	-13.883E-12	-173.84E-6	3.4767E-9
1	Grid	90.05173	41.09237	106.80000	-4.62447	106.78	-12.650E-12	-164.51E-6	3.2902E-9
1	Grid	92.04691	41.09237	106.80000	-4.20527	106.78	-11.543E-12	-155.82E-6	3.1164E-9
1	Grid	94.04209	41.09237	106.80000	-3.72489	106.78	-10.548E-12	-147.71E-6	2.9542E-9
1	Grid	96.03727	41.09237	106.80000	-3.25153	106.78	-9.6509E-12	-140.14E-6	2.8028E-9
1	Grid	98.03245	41.09237	106.80000	-2.82975	106.78	-8.8443E-12	-133.06E-6	2.6612E-9
1	Grid	100.02763	41.09237	106.80000	-2.46814	106.78	-8.1162E-12	-126.44E-6	2.5288E-9
1	Grid	102.02281	41.09237	106.80000	-2.16052	106.78	-7.4574E-12	-120.24E-6	2.4047E-9
1	Grid	104.01799	41.09237	106.80000	-1.89799	106.78	-6.8605E-12	-114.42E-6	2.2885E-9
1	Grid	106.01317	41.09237	106.80000	-1.67250	106.78	-6.3209E-12	-108.97E-6	2.1794E-9
1	Grid	108.00835	41.09237	106.80000	-1.47754	106.78	-5.8287E-12	-103.85E-6	2.0770E-9
1	Grid	110.00353	41.09237	106.80000	-1.30795	106.78	-5.3824E-12	-99.038E-6	1.9808E-9
1	Grid	111.99871	41.09237	106.80000	-1.15963	106.78	-4.9747E-12	-94.512E-6	1.8902E-9
1	Grid	113.99389	41.09237	106.80000	-1.02932	106.78	-4.6037E-12	-90.252E-6	1.8050E-9
1	Grid	115.98907	41.09237	106.80000	-0.91441	106.78	-4.2659E-12	-86.213E-6	1.7248E-9
1	Grid	117.98424	41.09237	106.80000	-0.81275	106.78	-3.9575E-12	-82.454E-6	1.6491E-9
1	Grid	119.97942	41.09237	106.80000	-0.72256	106.78	-3.6744E-12	-78.884E-6	1.5777E-9
1	Grid	121.97460	41.09237	106.80000	-0.64238	106.78	-3.4099E-12	-75.513E-6	1.5103E-9
1	Grid	123.96978	41.09237	106.80000	-0.57096	106.78	-3.1741E-12	-72.328E-6	1.4466E-9
1	Grid	125.96496	41.09237	106.80000	-0.50724	106.78	-2.9550E-12	-69.313E-6	1.3863E-9
1	Grid	127.96014	41.09237	106.80000	-0.45033	106.78	-2.7551E-12	-66.466E-6	1.3293E-9
1	Grid	129.95532	41.09237	106.80000	-0.39943	106.78	-2.5699E-12	-63.767E-6	1.2753E-9
1	Grid	131.95050	41.09237	106.80000	-0.35389	106.78	-2.3974E-12	-61.210E-6	1.2242E-9
1	Grid	133.94568	41.09237	106.80000	-0.31310	106.78	-2.2409E-12	-58.786E-6	1.1757E-9
1	Grid	135.94086	41.09237	106.80000	-0.27645	106.78	-2.0990E-12	-56.512E-6	1.1297E-9
1	Grid	137.93604	41.09237	106.80000	-0.24381	106.78	-1.9631E-12	-54.303E-6	1.0861E-9
1	Grid	139.93122	41.09237	106.80000	-0.21446	106.78	-1.8385E-12	-52.229E-6	1.0446E-9
1	Grid	141.92640	41.09237	106.80000	-0.18814	106.78	-1.7246E-12	-50.258E-6	1.0052E-9
1	Grid	143.92158	41.09237	106.80000	-0.16454	106.78	-1.6174E-12	-48.383E-6	967.66E-12
1	Grid	145.91676	41.09237	106.80000	-0.14339	106.78	-1.5168E-12	-46.599E-6	931.98E-12
1	Grid	147.91194	41.09237	106.80000	-0.12443	106.78	-1.4269E-12	-44.900E-6	898.01E-12
1	Grid	149.90712	41.09237	106.80000	-0.10745	106.78	-1.3429E-12	-43.282E-6	865.65E-12
1	Grid	151.90230	41.09237	106.80000	-0.09224	106.78	-1.2643E-12	-41.740E-6	834.80E-12
1	Grid	153.89748	41.09237	106.80000	-0.07862	106.78	-1.1890E-12	-40.269E-6	805.39E-12
1	Grid	155.89266	41.09237	106.80000	-0.06644	106.78	-1.1193E-12	-38.866E-6	777.32E-12
1	Grid	157.88784	41.09237	106.80000	-0.05554	106.78	-1.0578E-12	-37.526E-6	750.53E-12
1									

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term					Job No.		Sheet No.	Rev.	
					3244				
					Drg. Ref.				
					Made by	Date	Checked		
					AC				
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]
1	Grid	-53.60122	42.96712	106.80000	-0.12667	106.78	-180.07E-12	-771.29E-6	15.426E-9
1	Grid	-51.60604	42.96712	106.80000	-0.14358	106.78	-206.60E-12	-834.54E-6	16.691E-9
1	Grid	-49.61086	42.96712	106.80000	-0.16203	106.78	-237.40E-12	-903.67E-6	18.073E-9
1	Grid	-47.61568	42.96712	106.80000	-0.18207	106.78	-273.17E-12	-979.13E-6	19.583E-9
1	Grid	-45.62050	42.96712	106.80000	-0.20378	106.78	-314.65E-12	-0.0010614	21.228E-9
1	Grid	-43.62532	42.96712	106.80000	-0.22720	106.78	-362.69E-12	-0.0011509	23.017E-9
1	Grid	-41.63014	42.96712	106.80000	-0.25236	106.78	-418.14E-12	-0.0012480	24.959E-9
1	Grid	-39.63496	42.96712	106.80000	-0.27925	106.78	-481.92E-12	-0.0013529	27.058E-9
1	Grid	-37.63978	42.96712	106.80000	-0.30785	106.78	-554.88E-12	-0.0014658	29.316E-9
1	Grid	-35.64460	42.96712	106.80000	-0.33806	106.78	-637.76E-12	-0.0015866	31.731E-9
1	Grid	-33.64942	42.96712	106.80000	-0.36977	106.78	-731.05E-12	-0.0017149	34.298E-9
1	Grid	-31.65424	42.96712	106.80000	-0.40278	106.78	-834.90E-12	-0.0018500	37.000E-9
1	Grid	-29.65906	42.96712	106.80000	-0.43685	106.78	-948.94E-12	-0.0019909	39.817E-9
1	Grid	-27.66388	42.96712	106.80000	-0.47167	106.78	-1.0721E-9	-0.0021359	42.717E-9
1	Grid	-25.66871	42.96712	106.80000	-0.50686	106.78	-1.2027E-9	-0.0022830	45.659E-9
1	Grid	-23.67353	42.96712	106.80000	-0.54198	106.78	-1.3380E-9	-0.0024297	48.594E-9
1	Grid	-21.67835	42.96712	106.80000	-0.57654	106.78	-1.4746E-9	-0.0025731	51.463E-9
1	Grid	-19.68317	42.96712	106.80000	-0.61000	106.78	-1.6085E-9	-0.0027101	54.201E-9
1	Grid	-17.68799	42.96712	106.80000	-0.64182	106.78	-1.7354E-9	-0.0028372	56.743E-9
1	Grid	-15.69281	42.96712	106.80000	-0.67144	106.78	-1.8510E-9	-0.0029511	59.022E-9
1	Grid	-13.69763	42.96712	106.80000	-0.69833	106.78	-1.9511E-9	-0.0030488	60.976E-9
1	Grid	-11.70245	42.96712	106.80000	-0.72201	106.78	-2.0322E-9	-0.0031275	62.551E-9
1	Grid	-9.70727	42.96712	106.80000	-0.74205	106.78	-2.0916E-9	-0.0031851	63.701E-9
1	Grid	-7.71209	42.96712	106.80000	-0.75813	106.78	-2.1271E-9	-0.0032197	64.394E-9
1	Grid	-5.71691	42.96712	106.80000	-0.77000	106.78	-2.1375E-9	-0.0032306	64.611E-9
1	Grid	-3.72173	42.96712	106.80000	-0.77542	106.78	-2.1227E-9	-0.0031273	64.345E-9
1	Grid	-1.72655	42.96712	106.80000	-0.78072	106.78	-2.0830E-9	-0.0031803	63.605E-9
1	Grid	0.26863	42.96712	106.80000	-0.77963	106.78	-2.0197E-9	-0.0031206	62.412E-9
1	Grid	2.26381	42.96712	106.80000	-0.77447	106.78	-1.9352E-9	-0.0030400	60.800E-9
1	Grid	4.25899	42.96712	106.80000	-0.76555	106.78	-1.8322E-9	-0.0029408	58.816E-9
1	Grid	6.25417	42.96712	106.80000	-0.75320	106.78	-1.7145E-9	-0.0028258	56.516E-9
1	Grid	8.24935	42.96712	106.80000	-0.73817	106.78	-1.5863E-9	-0.0026981	53.961E-9
1	Grid	10.24453	42.96712	106.80000	-0.72082	106.78	-1.4519E-9	-0.0025610	51.220E-9
1	Grid	12.23971	42.96712	106.80000	-0.70192	106.78	-1.3157E-9	-0.0024179	48.357E-9
1	Grid	14.23489	42.96712	106.80000	-0.68221	106.78	-1.1814E-9	-0.0022718	45.436E-9
1	Grid	16.23007	42.96712	106.80000	-0.66248	106.78	-1.0524E-9	-0.0021257	42.514E-9
1	Grid	18.22525	42.96712	106.80000	-0.64355	106.78	-931.13E-12	-0.0019820	39.639E-9
1	Grid	20.22043	42.96712	106.80000	-0.62620	106.78	-819.18E-12	-0.0018425	36.851E-9
1	Grid	22.21561	42.96712	106.80000	-0.61121	106.78	-717.47E-12	-0.0017089	34.178E-9
1	Grid	24.21079	42.96712	106.80000	-0.59928	106.78	-626.26E-12	-0.0015821	31.641E-9
1	Grid	26.20597	42.96712	106.80000	-0.59130	106.78	-545.32E-12	-0.0014627	29.254E-9
1	Grid	28.20115	42.96712	106.80000	-0.58727	106.78	-474.10E-12	-0.0013511	27.022E-9
1	Grid	30.19633	42.96712	106.80000	-0.58836	106.78	-411.85E-12	-0.0012474	24.947E-9
1	Grid	32.19151	42.96712	106.80000	-0.59492	106.78	-357.71E-12	-0.0011513	23.027E-9
1	Grid	34.18669	42.96712	106.80000	-0.60747	106.78	-310.79E-12	-0.0010628	21.255E-9
1	Grid	36.18187	42.96712	106.80000	-0.62612	106.78	-270.23E-12	-0.0009765	19.626E-9
1	Grid	38.17705	42.96712	106.80000	-0.65271	106.78	-235.22E-12	-906.46E-6	18.129E-9
1	Grid	40.17223	42.96712	106.80000	-0.68652	106.78	-205.03E-12	-837.85E-6	16.757E-9
1	Grid	42.16741	42.96712	106.80000	-0.72864	106.78	-178.99E-12	-775.00E-6	15.500E-9
1	Grid	44.16259	42.96712	106.80000	-0.77978	106.78	-156.53E-12	-717.46E-6	14.349E-9
1	Grid	46.15777	42.96712	106.80000	-0.84076	106.78	-137.15E-12	-664.79E-6	13.266E-9
1	Grid	48.15295	42.96712	106.80000	-0.91251	106.78	-120.40E-12	-616.58E-6	12.332E-9
1	Grid	50.14813	42.96712	106.80000	-0.99615	106.78	-105.90E-12	-572.45E-6	11.449E-9
1	Grid	52.14331	42.96712	106.80000	-1.09298	106.78	-93.341E-12	-532.02E-6	10.640E-9
1	Grid	54.13849	42.96712	106.80000	-1.20459	106.78	-82.441E-12	-494.98E-6	9.8996E-9
1	Grid	56.13367	42.96712	106.80000	-1.33293	106.78	-72.963E-12	-461.01E-6	9.2202E-9
1	Grid	58.12885	42.96712	106.80000	-1.48039	106.78	-64.706E-12	-429.83E-6	8.5967E-9
1	Grid	60.12403	42.96712	106.80000	-1.64999	106.78	-57.500E-12	-401.20E-6	8.0240E-9
1	Grid	62.11921	42.96712	106.80000	-1.84538	106.78	-51.200E-12	-374.88E-6	7.4975E-9
1	Grid	64.11439	42.96712	106.80000	-2.07087	106.78	-45.682E-12	-350.66E-6	7.0131E-9
1	Grid	66.10957	42.96712	106.80000	-2.33072	106.78	-40.839E-12	-328.35E-6	6.5670E-9
1	Grid	68.10475	42.96712	106.80000	-2.62692	106.78	-36.576E-12	-307.78E-6	6.1556E-9
1	Grid	70.09993	42.96712	106.80000	-2.95461	106.78	-32.820E-12	-288.80E-6	5.7760E-9
1	Grid	72.09511	42.96712	106.80000	-3.29721	106.78	-29.507E-12	-271.26E-6	5.4253E-9
1	Grid	74.09029	42.96712	106.80000	-3.62945	106.78	-26.573E-12	-255.05E-6	5.1010E-9
1	Grid	76.08547	42.96712	106.80000	-3.92701	106.78	-23.975E-12	-240.04E-6	4.8047E-9
1	Grid	78.08065	42.96712	106.80000	-4.17047	106.78	-21.666E-12	-226.12E-6	4.5225E-9
1	Grid	80.07583	42.96712	106.80000	-4.34376	106.78	-19.614E-12	-213.22E-6	4.2644E-9
1	Grid	82.07101	42.96712	106.80000	-4.43473	106.78	-17.784E-12	-201.23E-6	4.0247E-9
1	Grid	84.06619	42.96712	106.80000	-4.43743	106.78	-16.153E-12	-190.10E-6	3.8019E-9
1	Grid	86.06137	42.96712	106.80000	-4.35239	106.78	-14.690E-12	-178.79E-6	3.5946E-9
1	Grid	88.05655	42.96712	106.80000	-4.18339	106.78	-13.383E-12	-170.08E-6	3.4016E-9
1	Grid	90.05173	42.96712	106.80000	-3.93884	106.78	-12.209E-12	-161.08E-6	3.2216E-9
1	Grid	92.04691	42.96712	106.80000	-3.63320	106.78	-11.156E-12	-152.68E-6	3.0536E-9
1	Grid	94.04209	42.96712	106.80000	-3.29172	106.78	-10.205E-12	-144.84E-6	2.8967E-9
1	Grid	96.03727	42.96712	106.80000	-2.94550	106.78	-9.3492E-12	-137.50E-6	2.7501E-9
1	Grid	98.03245	42.96712	106.80000	-2.61878	106.78	-8.5765E-12	-130.64E-6	2.6128E-9
1	Grid	100.02763	42.96712	106.80000	-2.32300	106.78	-7.8784E-12	-124.22E-6	2.4843E-9
1	Grid	102.02281	42.96712	106.80000	-2.06039	106.78	-7.2462E-12	-118.19E-6	2.3638E-9
1	Grid	104.01799	42.96712	106.80000	-1.82894	106.78	-6.6720E-12	-112.54E-6	2.2508E-9
1	Grid	106.01317	42.96712	106.80000	-1.62823	106.78	-6.1531E-12	-107.23E-6	2.1446E-9
1	Grid	108.00835	42.96712	106.80000	-1.44574	106.78	-5.6781E-12	-102.24E-6	2.0449E-9
1	Grid	110.00353	42.96712	106.80000	-1.28723	106.78	-5.2465E-12	-97.553E-6	1.9511E-9
1	Grid	111.99871	42.96712	106.80000	-1.14692	106.78	-4.8541E-12	-93.138E-6	1.8628E-9
1	Grid	113.99389	42.96712	106.80000	-1.02240	106.78	-4.4971E-12	-88.978E-6	1.7796E-9
1	Grid	115.98906	42.96712	106.80000	-0.91267	106.78	-4.1667E-12	-85.057E-6	1.7011E-9
1	Grid	117.98424	42.96712	106.80000	-0.81299	106.78	-3.8662E-12	-81.357E-6	1.6271E-9
1	Grid	119.97942	42.96712	106.80000	-0.72491	106.78	-3.5931E-12	-77.865E-6	1.5573E-9
1	Grid	121.97460	42.96712	106.80000	-0.64618	106.78	-3.3420E-12	-74.565E-6	1.4913E-9
1	Grid	123.96978	42.96712	106.80000	-0.57571	106.78	-3.1108E-12	-71.445E-6	1.4289E-9
1	Grid	125.96496	42.96712	106.80000	-0.51258	106.78	-2.8990E-12	-68.938E-6	1.3699E-9
1	Grid	127.96014	42.96712	106.80000	-0.45597	106.78	-2.7025E-12	-66.698E-6	1.3140E-9
1	Grid	129.95532	42.96712	106.80000	-0.40519	106.78	-2.5213E-12	-63.050E-6	1.2610E-9
1	Grid	131.95050	42.96712	106.80000	-0.35961	106.78	-2.3544E-12	-60.541E-6	1.2108E-9
1	Grid	133.94568	42.96712	106.80000	-0.31868	106.78	-2.2002E-12	-58.160E-6	1.1632E-9
1	Grid	135.94086	42.96712	106.80000	-0.28192	106.78	-2.0617E-12	-55.905E-6	1.1180E-9
1	Grid	137.93604	42.96712	106.80000	-0.24891				

Oasys							Job No.	Sheet No.	Rev.
Highgate Junior School Sports Hall							3244		
Unloading and Loading Long Term									
							Dr. Ref.		
							Made by AC	Date	Checked
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
1	Grid	-73.55302	44.84187	106.80000	-0.01921	106.78	-47.662E-12	-357.11E-6	7.1421E-9
1	Grid	-71.55784	44.84187	106.80000	-0.02497	106.78	-53.422E-12	-381.69E-6	7.6338E-9
1	Grid	-69.56266	44.84187	106.80000	-0.03138	106.78	-59.989E-12	-408.37E-6	8.1675E-9
1	Grid	-67.56748	44.84187	106.80000	-0.03850	106.78	-67.491E-12	-437.36E-6	8.7472E-9
1	Grid	-65.57230	44.84187	106.80000	-0.04638	106.78	-76.080E-12	-468.87E-6	9.3774E-9
1	Grid	-63.57712	44.84187	106.80000	-0.05510	106.78	-85.911E-12	-503.14E-6	1.0.063E-9
1	Grid	-61.58194	44.84187	106.80000	-0.06472	106.78	-97.192E-12	-540.43E-6	1.0.809E-9
1	Grid	-59.58676	44.84187	106.80000	-0.07531	106.78	-110.16E-12	-581.02E-6	1.1.620E-9
1	Grid	-57.59158	44.84187	106.80000	-0.08695	106.78	-125.06E-12	-625.20E-6	1.2.504E-9
1	Grid	-55.59640	44.84187	106.80000	-0.09969	106.78	-142.21E-12	-673.30E-6	1.3.466E-9
1	Grid	-53.60122	44.84187	106.80000	-0.11362	106.78	-161.96E-12	-725.64E-6	1.4.513E-9
1	Grid	-51.60604	44.84187	106.80000	-0.12881	106.78	-184.69E-12	-782.55E-6	1.5.651E-9
1	Grid	-49.61086	44.84187	106.80000	-0.14530	106.78	-210.86E-12	-844.40E-6	1.6.888E-9
1	Grid	-47.61568	44.84187	106.80000	-0.16317	106.78	-240.95E-12	-911.49E-6	1.8.230E-9
1	Grid	-45.62050	44.84187	106.80000	-0.18245	106.78	-275.50E-12	-984.16E-6	1.9.683E-9
1	Grid	-43.62532	44.84187	106.80000	-0.20316	106.78	-315.07E-12	-1.0.001627	2.1.253E-9
1	Grid	-41.63014	44.84187	106.80000	-0.22532	106.78	-360.23E-12	-1.0.0011472	2.2.944E-9
1	Grid	-39.63496	44.84187	106.80000	-0.24892	106.78	-411.56E-12	-1.0.0012379	2.4.758E-9
1	Grid	-37.63978	44.84187	106.80000	-0.27389	106.78	-469.54E-12	-1.0.0013347	2.6.694E-9
1	Grid	-35.64460	44.84187	106.80000	-0.30017	106.78	-534.56E-12	-1.0.0014374	2.8.748E-9
1	Grid	-33.64942	44.84187	106.80000	-0.32762	106.78	-606.81E-12	-1.0.0015456	3.0.912E-9
1	Grid	-31.65424	44.84187	106.80000	-0.35608	106.78	-686.20E-12	-1.0.0016586	3.3.173E-9
1	Grid	-29.65906	44.84187	106.80000	-0.38534	106.78	-772.29E-12	-1.0.0017755	3.5.510E-9
1	Grid	-27.66388	44.84187	106.80000	-0.41512	106.78	-864.18E-12	-1.0.0018948	3.7.896E-9
1	Grid	-25.66871	44.84187	106.80000	-0.44510	106.78	-960.49E-12	-1.0.0020150	4.0.300E-9
1	Grid	-23.67353	44.84187	106.80000	-0.47494	106.78	-1.0593E-9	-1.0.0021340	4.2.681E-9
1	Grid	-21.67835	44.84187	106.80000	-0.50421	106.78	-1.1583E-9	-1.0.0022497	4.4.994E-9
1	Grid	-19.68317	44.84187	106.80000	-0.53251	106.78	-1.2547E-9	-1.0.0023596	4.7.191E-9
1	Grid	-17.68799	44.84187	106.80000	-0.55939	106.78	-1.3457E-9	-1.0.0024611	4.9.222E-9
1	Grid	-15.69281	44.84187	106.80000	-0.58442	106.78	-1.4282E-9	-1.0.0025518	5.1.036E-9
1	Grid	-13.69763	44.84187	106.80000	-0.60717	106.78	-1.4996E-9	-1.0.0026294	5.2.588E-9
1	Grid	-11.70705	44.84187	106.80000	-0.62728	106.78	-1.5574E-9	-1.0.0026918	5.3.836E-9
1	Grid	-9.71209	44.84187	106.80000	-0.64441	106.78	-1.5997E-9	-1.0.0027374	5.4.747E-9
1	Grid	-7.71209	44.84187	106.80000	-0.65832	106.78	-1.6250E-9	-1.0.0027649	5.5.297E-9
1	Grid	-5.71691	44.84187	106.80000	-0.66881	106.78	-1.6325E-9	-1.0.0027735	5.5.470E-9
1	Grid	-3.72173	44.84187	106.80000	-0.67580	106.78	-1.6220E-9	-1.0.0027631	5.5.262E-9
1	Grid	-1.72655	44.84187	106.80000	-0.67929	106.78	-1.5938E-9	-1.0.0027339	5.4.678E-9
1	Grid	0.26863	44.84187	106.80000	-0.67935	106.78	-1.5488E-9	-1.0.0026868	5.3.736E-9
1	Grid	2.26381	44.84187	106.80000	-0.67617	106.78	-1.4886E-9	-1.0.0026230	5.2.461E-9
1	Grid	4.25899	44.84187	106.80000	-0.67002	106.78	-1.4153E-9	-1.0.0025444	5.0.887E-9
1	Grid	6.25417	44.84187	106.80000	-0.66125	106.78	-1.3313E-9	-1.0.0024259	4.9.057E-9
1	Grid	8.24935	44.84187	106.80000	-0.65029	106.78	-1.2394E-9	-1.0.0023509	4.7.018E-9
1	Grid	10.24453	44.84187	106.80000	-0.63767	106.78	-1.1426E-9	-1.0.0022409	4.4.818E-9
1	Grid	12.23971	44.84187	106.80000	-0.62396	106.78	-1.0438E-9	-1.0.0021255	4.2.509E-9
1	Grid	14.23489	44.84187	106.80000	-0.60979	106.78	-945.53E-12	-1.0.0020069	4.0.138E-9
1	Grid	16.23007	44.84187	106.80000	-0.59582	106.78	-850.17E-12	-1.0.0018975	3.7.750E-9
1	Grid	18.22525	44.84187	106.80000	-0.58274	106.78	-759.50E-12	-1.0.0017691	3.5.381E-9
1	Grid	20.22043	44.84187	106.80000	-0.57123	106.78	-674.78E-12	-1.0.0016533	3.3.065E-9
1	Grid	22.21561	44.84187	106.80000	-0.56197	106.78	-596.82E-12	-1.0.0015413	3.0.827E-9
1	Grid	24.21079	44.84187	106.80000	-0.55560	106.78	-525.99E-12	-1.0.0014343	2.8.685E-9
1	Grid	26.20597	44.84187	106.80000	-0.55274	106.78	-462.32E-12	-1.0.0013266	2.6.652E-9
1	Grid	28.20115	44.84187	106.80000	-0.55396	106.78	-405.58E-12	-1.0.0012368	2.4.737E-9
1	Grid	30.19633	44.84187	106.80000	-0.55984	106.78	-355.37E-12	-1.0.0011471	2.2.942E-9
1	Grid	32.19151	44.84187	106.80000	-0.57091	106.78	-311.17E-12	-1.0.0010634	2.1.268E-9
1	Grid	34.18669	44.84187	106.80000	-0.58772	106.78	-272.44E-12	-985.64E-6	1.9.713E-9
1	Grid	36.18187	44.84187	106.80000	-0.61082	106.78	-238.60E-12	-913.61E-6	1.8.272E-9
1	Grid	38.17705	44.84187	106.80000	-0.64078	106.78	-209.10E-12	-847.04E-6	1.6.941E-9
1	Grid	40.17223	44.84187	106.80000	-0.67819	106.78	-183.41E-12	-785.63E-6	1.5.713E-9
1	Grid	42.16741	44.84187	106.80000	-0.72371	106.78	-161.07E-12	-729.05E-6	1.4.581E-9
1	Grid	44.16259	44.84187	106.80000	-0.77804	106.78	-141.64E-12	-676.97E-6	1.3.539E-9
1	Grid	46.15777	44.84187	106.80000	-0.84197	106.78	-124.74E-12	-629.07E-6	1.2.581E-9
1	Grid	48.15295	44.84187	106.80000	-0.91638	106.78	-110.03E-12	-585.02E-6	1.1.700E-9
1	Grid	50.14813	44.84187	106.80000	-1.00227	106.78	-97.216E-12	-544.50E-6	1.0.890E-9
1	Grid	52.14331	44.84187	106.80000	-1.10078	106.78	-86.045E-12	-507.25E-6	1.0.145E-9
1	Grid	54.13849	44.84187	106.80000	-1.21234	106.78	-76.294E-12	-472.97E-6	9.4594E-9
1	Grid	56.13367	44.84187	106.80000	-1.34117	106.78	-67.770E-12	-441.43E-6	8.8425E-9
1	Grid	58.12885	44.84187	106.80000	-1.48635	106.78	-60.307E-12	-412.38E-6	8.2467E-9
1	Grid	60.12403	44.84187	106.80000	-1.65079	106.78	-53.765E-12	-385.62E-6	7.7123E-9
1	Grid	62.11921	44.84187	106.80000	-1.83664	106.78	-48.017E-12	-360.94E-6	7.2188E-9
1	Grid	64.11439	44.84187	106.80000	-2.04593	106.78	-42.965E-12	-338.17E-6	6.7633E-9
1	Grid	66.10957	44.84187	106.80000	-2.27983	106.78	-38.509E-12	-317.14E-6	6.3428E-9
1	Grid	68.10475	44.84187	106.80000	-2.53728	106.78	-34.578E-12	-297.70E-6	5.9540E-9
1	Grid	70.09993	44.84187	106.80000	-2.81300	106.78	-31.100E-12	-279.72E-6	5.5945E-9
1	Grid	72.09511	44.84187	106.80000	-3.09629	106.78	-28.022E-12	-263.08E-6	5.2615E-9
1	Grid	74.09029	44.84187	106.80000	-3.37189	106.78	-25.290E-12	-247.65E-6	4.9530E-9
1	Grid	76.08547	44.84187	106.80000	-3.62510	106.78	-22.858E-12	-233.34E-6	4.6669E-9
1	Grid	78.08065	44.84187	106.80000	-3.82972	106.78	-20.695E-12	-220.06E-6	4.4011E-9
1	Grid	80.07583	44.84187	106.80000	-3.97401	106.78	-18.770E-12	-207.71E-6	4.1542E-9
1	Grid	82.07101	44.84187	106.80000	-4.03832	106.78	-17.047E-12	-196.23E-6	3.9245E-9
1	Grid	84.06619	44.84187	106.80000	-4.01746	106.78	-15.508E-12	-185.54E-6	3.7107E-9
1	Grid	86.06137	44.84187	106.80000	-3.98982	106.78	-14.125E-12	-175.57E-6	3.5115E-9
1	Grid	88.05655	44.84187	106.80000	-3.75818	106.78	-12.889E-12	-166.28E-6	3.3257E-9
1	Grid	90.05173	44.84187	106.80000	-3.54487	106.78	-11.772E-12	-157.61E-6	3.1522E-9
1	Grid	92.04691	44.84187	106.80000	-3.29326	106.78	-10.770E-12	-149.50E-6	2.9901E-9
1	Grid	94.04209	44.84187	106.80000	-3.01936	106.78	-9.8629E-12	-141.93E-6	2.8385E-9
1	Grid	96.03727	44.84187	106.80000	-2.74928	106.78	-9.0474E-12	-134.93E-6	2.6966E-9
1	Grid	98.03245	44.84187	106.80000	-2.47022	106.78	-8.3087E-12	-128.19E-6	2.5637E-9
1	Grid	100.02763	44.84187	106.80000	-2.21800	106.78	-7.6406E-12	-121.96E-6	2.4391E-9
1	Grid	102.02281	44.84187	106.80000	-1.98746	106.78	-7.0330E-12	-116.11E-6	2.3222E-9
1	Grid	104.01799	44.84187	106.80000	-1.77924	106.78	-6.4801E-12	-110.62E-6	2.2124E-9
1	Grid	106.01317	44.8418						

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.	
						3244			
						Drg. Ref.			
						Made by AC	Date	Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[MOD]	[mm]	[MOD]	[kN/m²]	[kN/m²]	[µ]
1	Grid	-93.50482	46.71662	106.80000	0.01407	106.78	-16.084E-12	-188.74E-6	3.7749E-9
1	Grid	-91.50964	46.71662	106.80000	0.01246	106.78	-17.691E-12	-199.62E-6	3.9925E-9
1	Grid	-89.51446	46.71662	106.80000	0.01063	106.78	-19.484E-12	-211.31E-6	4.2262E-9
1	Grid	-87.51928	46.71662	106.80000	0.00853	106.78	-21.491E-12	-223.87E-6	4.4773E-9
1	Grid	-85.52410	46.71662	106.80000	0.00616	106.78	-23.745E-12	-237.38E-6	4.7475E-9
1	Grid	-83.52892	46.71662	106.80000	0.00348	106.78	-26.274E-12	-251.92E-6	5.0384E-9
1	Grid	-81.53374	46.71662	106.80000	0.00046	106.78	-29.119E-12	-267.59E-6	5.3517E-9
1	Grid	-79.53856	46.71662	106.80000	-0.00294	106.78	-32.325E-12	-284.49E-6	5.6897E-9
1	Grid	-77.54338	46.71662	106.80000	-0.00675	106.78	-35.943E-12	-302.72E-6	6.0544E-9
1	Grid	-75.54820	46.71662	106.80000	-0.01100	106.78	-40.028E-12	-322.42E-6	6.4484E-9
1	Grid	-73.55302	46.71662	106.80000	-0.01575	106.78	-44.658E-12	-343.71E-6	6.8741E-9
1	Grid	-71.55784	46.71662	106.80000	-0.02104	106.78	-49.903E-12	-366.73E-6	7.3346E-9
1	Grid	-69.56266	46.71662	106.80000	-0.02691	106.78	-55.859E-12	-391.65E-6	7.8330E-9
1	Grid	-67.56748	46.71662	106.80000	-0.03341	106.78	-62.629E-12	-418.64E-6	8.3727E-9
1	Grid	-65.57230	46.71662	106.80000	-0.04060	106.78	-70.335E-12	-447.87E-6	8.9573E-9
1	Grid	-63.57712	46.71662	106.80000	-0.04854	106.78	-79.111E-12	-479.55E-6	9.5909E-9
1	Grid	-61.58194	46.71662	106.80000	-0.05728	106.78	-89.129E-12	-513.88E-6	10.278E-9
1	Grid	-59.58676	46.71662	106.80000	-0.06688	106.78	-100.56E-12	-551.10E-6	11.022E-9
1	Grid	-57.59158	46.71662	106.80000	-0.07739	106.78	-113.63E-12	-591.45E-6	11.829E-9
1	Grid	-55.59640	46.71662	106.80000	-0.08888	106.78	-128.55E-12	-635.16E-6	12.703E-9
1	Grid	-53.60122	46.71662	106.80000	-0.10140	106.78	-145.61E-12	-682.49E-6	13.650E-9
1	Grid	-51.60604	46.71662	106.80000	-0.11501	106.78	-165.09E-12	-733.69E-6	14.674E-9
1	Grid	-49.61086	46.71662	106.80000	-0.12974	106.78	-187.32E-12	-789.02E-6	15.780E-9
1	Grid	-47.61568	46.71662	106.80000	-0.14565	106.78	-212.66E-12	-848.69E-6	16.974E-9
1	Grid	-45.62050	46.71662	106.80000	-0.16275	106.78	-241.46E-12	-912.92E-6	18.258E-9
1	Grid	-43.62532	46.71662	106.80000	-0.18106	106.78	-274.13E-12	-981.86E-6	19.637E-9
1	Grid	-41.63014	46.71662	106.80000	-0.20058	106.78	-311.03E-12	-0.0010556	21.112E-9
1	Grid	-39.63496	46.71662	106.80000	-0.22128	106.78	-352.50E-12	-0.0011341	22.683E-9
1	Grid	-37.63978	46.71662	106.80000	-0.24310	106.78	-398.81E-12	-0.0012174	24.348E-9
1	Grid	-35.64460	46.71662	106.80000	-0.26597	106.78	-450.16E-12	-0.0013050	26.101E-9
1	Grid	-33.64942	46.71662	106.80000	-0.28978	106.78	-506.55E-12	-0.0013967	27.934E-9
1	Grid	-31.65424	46.71662	106.80000	-0.31436	106.78	-567.81E-12	-0.0014917	29.835E-9
1	Grid	-29.65906	46.71662	106.80000	-0.33954	106.78	-633.50E-12	-0.0015892	31.785E-9
1	Grid	-27.66388	46.71662	106.80000	-0.36508	106.78	-702.89E-12	-0.0016881	33.763E-9
1	Grid	-25.66871	46.71662	106.80000	-0.39072	106.78	-774.91E-12	-0.0017871	35.741E-9
1	Grid	-23.67353	46.71662	106.80000	-0.41616	106.78	-848.18E-12	-0.0018845	37.699E-9
1	Grid	-21.67835	46.71662	106.80000	-0.44108	106.78	-921.03E-12	-0.0019786	39.571E-9
1	Grid	-19.68317	46.71662	106.80000	-0.46513	106.78	-991.57E-12	-0.0020675	41.350E-9
1	Grid	-17.68799	46.71662	106.80000	-0.48797	106.78	-1.0578E-9	-0.0021494	42.988E-9
1	Grid	-15.69281	46.71662	106.80000	-0.50925	106.78	-1.1177E-9	-0.0022223	44.447E-9
1	Grid	-13.69763	46.71662	106.80000	-0.52865	106.78	-1.1694E-9	-0.0022846	45.691E-9
1	Grid	-11.70245	46.71662	106.80000	-0.54586	106.78	-1.2112E-9	-0.0023346	46.691E-9
1	Grid	-9.70727	46.71662	106.80000	-0.56064	106.78	-1.2418E-9	-0.0023710	47.420E-9
1	Grid	-7.71209	46.71662	106.80000	-0.57280	106.78	-1.2601E-9	-0.0023930	47.860E-9
1	Grid	-5.71691	46.71662	106.80000	-0.58220	106.78	-1.2655E-9	-0.0024000	47.999E-9
1	Grid	-3.72173	46.71662	106.80000	-0.58877	106.78	-1.2580E-9	-0.0023917	47.834E-9
1	Grid	-1.72655	46.71662	106.80000	-0.59253	106.78	-1.2376E-9	-0.0023685	47.370E-9
1	Grid	0.26863	46.71662	106.80000	-0.59356	106.78	-1.2052E-9	-0.0023309	46.618E-9
1	Grid	2.26381	46.71662	106.80000	-0.59202	106.78	-1.1618E-9	-0.0022800	45.599E-9
1	Grid	4.25899	46.71662	106.80000	-0.58816	106.78	-1.1087E-9	-0.0022170	44.339E-9
1	Grid	6.25417	46.71662	106.80000	-0.58228	106.78	-1.0478E-9	-0.0021435	42.869E-9
1	Grid	8.24935	46.71662	106.80000	-0.57477	106.78	-980.87E-12	-0.0020613	41.225E-9
1	Grid	10.24453	46.71662	106.80000	-0.56605	106.78	-910.01E-12	-0.0019722	39.444E-9
1	Grid	12.23971	46.71662	106.80000	-0.55663	106.78	-837.19E-12	-0.0018783	37.565E-9
1	Grid	14.23489	46.71662	106.80000	-0.54705	106.78	-764.26E-12	-0.0017812	35.625E-9
1	Grid	16.23007	46.71662	106.80000	-0.53787	106.78	-692.83E-12	-0.0016829	33.657E-9
1	Grid	18.22525	46.71662	106.80000	-0.52970	106.78	-624.23E-12	-0.0015846	31.693E-9
1	Grid	20.22043	46.71662	106.80000	-0.52313	106.78	-559.45E-12	-0.0014879	29.758E-9
1	Grid	22.21561	46.71662	106.80000	-0.51877	106.78	-499.16E-12	-0.0013937	27.875E-9
1	Grid	24.21079	46.71662	106.80000	-0.51719	106.78	-443.74E-12	-0.0013029	26.058E-9
1	Grid	26.20597	46.71662	106.80000	-0.51899	106.78	-393.35E-12	-0.0012161	24.322E-9
1	Grid	28.20115	46.71662	106.80000	-0.52471	106.78	-347.92E-12	-0.0011337	22.673E-9
1	Grid	30.19633	46.71662	106.80000	-0.53491	106.78	-307.26E-12	-0.0010559	21.117E-9
1	Grid	32.19151	46.71662	106.80000	-0.55015	106.78	-271.09E-12	-982.81E-6	19.656E-9
1	Grid	34.18669	46.71662	106.80000	-0.57098	106.78	-239.05E-12	-914.47E-6	18.289E-9
1	Grid	36.18187	46.71662	106.80000	-0.59797	106.78	-210.78E-12	-850.76E-6	17.015E-9
1	Grid	38.17705	46.71662	106.80000	-0.63170	106.78	-185.91E-12	-791.52E-6	15.830E-9
1	Grid	40.17223	46.71662	106.80000	-0.67281	106.78	-164.06E-12	-736.56E-6	14.731E-9
1	Grid	42.16741	46.71662	106.80000	-0.72195	106.78	-144.89E-12	-685.65E-6	13.713E-9
1	Grid	44.16259	46.71662	106.80000	-0.77984	106.78	-128.09E-12	-638.54E-6	12.771E-9
1	Grid	46.15777	46.71662	106.80000	-0.84725	106.78	-113.36E-12	-595.00E-6	11.900E-9
1	Grid	48.15295	46.71662	106.80000	-0.92504	106.78	-100.46E-12	-554.77E-6	11.095E-9
1	Grid	50.14813	46.71662	106.80000	-1.01413	106.78	-89.157E-12	-517.62E-6	10.352E-9
1	Grid	52.14331	46.71662	106.80000	-1.11556	106.78	-79.235E-12	-483.32E-6	9.6664E-9
1	Grid	54.13849	46.71662	106.80000	-1.23046	106.78	-70.524E-12	-451.64E-6	9.0329E-9
1	Grid	56.13367	46.71662	106.80000	-1.36010	106.78	-62.874E-12	-422.39E-6	8.4477E-9
1	Grid	58.12885	46.71662	106.80000	-1.50581	106.78	-56.139E-12	-395.35E-6	7.9073E-9
1	Grid	60.12403	46.71662	106.80000	-1.66902	106.78	-50.208E-12	-370.37E-6	7.4073E-9
1	Grid	62.11921	46.71662	106.80000	-1.85103	106.78	-44.975E-12	-347.26E-6	6.9452E-9
1	Grid	64.11439	46.71662	106.80000	-2.05283	106.78	-40.354E-12	-325.88E-6	6.5176E-9
1	Grid	66.10957	46.71662	106.80000	-2.27451	106.78	-36.265E-12	-306.08E-6	6.1216E-9
1	Grid	68.10475	46.71662	106.80000	-2.51457	106.78	-32.645E-12	-287.74E-6	5.7548E-9
1	Grid	70.09993	46.71662	106.80000	-2.76905	106.78	-29.432E-12	-270.73E-6	5.4146E-9
1	Grid	72.09511	46.71662	106.80000	-3.03107	106.78	-26.575E-12	-254.95E-6	5.0989E-9
1	Grid	74.09029	46.71662	106.80000	-3.29090	106.78	-24.034E-12	-240.29E-6	4.8058E-9
1	Grid	76.08547	46.71662	106.80000	-3.55339	106.78	-21.770E-12	-226.67E-6	4.5233E-9
1	Grid	78.08065	46.71662	106.80000	-3.74831	106.78	-19.748E-12	-214.00E-6	4.2799E-9
1	Grid	80.07583	46.71662	106.80000	-3.89894	106.78	-17.940E-12	-202.20E-6	4.0440E-9
1	Grid	82.07101	46.71662	106.80000	-3.94723	106.78	-16.320E-12	-191.21E-6	3.8242E-9
1	Grid	84.06619	46.71662	106.80000	-3.88435	106.78	-14.869E-12	-180.96E-6	3.6192E-9
1	Grid	86.06137	46.71662	106.80000	-3.74621	106.78	-13.565E-12	-171.40E-6	3.4280E-9
1	Grid								

Oasys							Job No.	Sheet No.	Rev.
Highgate Junior School Sports Hall							3244		
Unloading and Loading Long Term									
							Drg. Ref.		
							Made by AC	Date	Checked
Ref.	Name	x	y	z	δz	Stress: Calc. Level [MOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[MOD]	[mm]				
1	Grid	165.86856	46.71662	106.80000	-0.02703	106.78	0.0	-32.001E-6	640.03E-12
1	Grid	167.86374	46.71662	106.80000	-0.02040	106.78	0.0	-30.971E-6	619.41E-12
1	Grid	169.85892	46.71662	106.80000	-0.01450	106.78	0.0	-29.983E-6	599.66E-12
1	Grid	171.85410	46.71662	106.80000	-0.00926	106.78	0.0	-29.037E-6	580.73E-12
1	Grid	173.84928	46.71662	106.80000	-0.00462	106.78	0.0	-28.129E-6	562.58E-12
1	Grid	175.84446	46.71662	106.80000	-0.00051	106.78	0.0	-27.258E-6	545.16E-12
1	Grid	177.83964	46.71662	106.80000	0.00313	106.78	0.0	-26.423E-6	528.45E-12
1	Grid	179.83482	46.71662	106.80000	0.00633	106.78	0.0	-25.620E-6	512.41E-12
1	Grid	181.83000	46.71662	106.80000	0.00914	106.78	0.0	-24.850E-6	497.00E-12
1	Grid	-95.50000	48.59137	106.80000	0.01623	106.78	-14.037E-12	-174.15E-6	3.4830E-9
1	Grid	-93.50482	48.59137	106.80000	0.01494	106.78	-15.390E-12	-183.87E-6	3.6773E-9
1	Grid	-91.50964	48.59137	106.80000	0.01347	106.78	-16.896E-12	-194.27E-6	3.8855E-9
1	Grid	-89.51446	48.59137	106.80000	0.01178	106.78	-18.580E-12	-205.43E-6	4.1086E-9
1	Grid	-87.51928	48.59137	106.80000	0.00985	106.78	-20.455E-12	-217.40E-6	4.3480E-9
1	Grid	-85.52410	48.59137	106.80000	0.00767	106.78	-22.553E-12	-230.25E-6	4.6050E-9
1	Grid	-83.52892	48.59137	106.80000	0.00520	106.78	-24.901E-12	-244.06E-6	4.8812E-9
1	Grid	-81.53374	48.59137	106.80000	0.00243	106.78	-27.538E-12	-258.91E-6	5.1781E-9
1	Grid	-79.53856	48.59137	106.80000	-0.00069	106.78	-30.496E-12	-274.88E-6	5.4976E-9
1	Grid	-77.54338	48.59137	106.80000	-0.00419	106.78	-33.823E-12	-292.08E-6	5.8416E-9
1	Grid	-75.54820	48.59137	106.80000	-0.00809	106.78	-37.569E-12	-310.61E-6	6.2122E-9
1	Grid	-73.55302	48.59137	106.80000	-0.01244	106.78	-41.795E-12	-330.58E-6	6.6116E-9
1	Grid	-71.55784	48.59137	106.80000	-0.01728	106.78	-46.562E-12	-352.13E-6	7.0425E-9
1	Grid	-69.56266	48.59137	106.80000	-0.02264	106.78	-51.954E-12	-375.37E-6	7.5074E-9
1	Grid	-67.56748	48.59137	106.80000	-0.02857	106.78	-58.051E-12	-400.46E-6	8.0092E-9
1	Grid	-65.57230	48.59137	106.80000	-0.03512	106.78	-64.958E-12	-427.55E-6	8.5511E-9
1	Grid	-63.57712	48.59137	106.80000	-0.04233	106.78	-72.788E-12	-456.81E-6	9.1361E-9
1	Grid	-61.58194	48.59137	106.80000	-0.05025	106.78	-81.670E-12	-488.40E-6	9.7679E-9
1	Grid	-59.58676	48.59137	106.80000	-0.05893	106.78	-91.746E-12	-522.50E-6	10.450E-9
1	Grid	-57.59158	48.59137	106.80000	-0.06841	106.78	-103.19E-12	-559.32E-6	11.186E-9
1	Grid	-55.59640	48.59137	106.80000	-0.07875	106.78	-116.17E-12	-599.02E-6	11.980E-9
1	Grid	-53.60122	48.59137	106.80000	-0.08999	106.78	-130.89E-12	-641.81E-6	12.836E-9
1	Grid	-51.60604	48.59137	106.80000	-0.10217	106.78	-147.59E-12	-687.87E-6	13.757E-9
1	Grid	-49.61086	48.59137	106.80000	-0.11531	106.78	-166.49E-12	-737.38E-6	14.748E-9
1	Grid	-47.61568	48.59137	106.80000	-0.12946	106.78	-187.84E-12	-790.48E-6	15.810E-9
1	Grid	-45.62050	48.59137	106.80000	-0.14462	106.78	-211.91E-12	-847.30E-6	16.946E-9
1	Grid	-43.62532	48.59137	106.80000	-0.16080	106.78	-238.94E-12	-907.92E-6	18.158E-9
1	Grid	-41.63034	48.59137	106.80000	-0.17798	106.78	-269.18E-12	-972.35E-6	19.447E-9
1	Grid	-39.63496	48.59137	106.80000	-0.19614	106.78	-302.82E-12	-0.0010405	20.811E-9
1	Grid	-37.63978	48.59137	106.80000	-0.21522	106.78	-340.01E-12	-0.0011123	22.246E-9
1	Grid	-35.64460	48.59137	106.80000	-0.23515	106.78	-380.81E-12	-0.0011874	23.748E-9
1	Grid	-33.64942	48.59137	106.80000	-0.25581	106.78	-425.16E-12	-0.0012654	25.307E-9
1	Grid	-31.65424	48.59137	106.80000	-0.27709	106.78	-472.85E-12	-0.0013456	26.913E-9
1	Grid	-29.65906	48.59137	106.80000	-0.29880	106.78	-523.48E-12	-0.0014275	28.549E-9
1	Grid	-27.66388	48.59137	106.80000	-0.32077	106.78	-576.45E-12	-0.0015099	30.199E-9
1	Grid	-25.66871	48.59137	106.80000	-0.34277	106.78	-630.97E-12	-0.0015920	31.839E-9
1	Grid	-23.67353	48.59137	106.80000	-0.36455	106.78	-686.01E-12	-0.0016722	33.445E-9
1	Grid	-21.67835	48.59137	106.80000	-0.38585	106.78	-740.37E-12	-0.0017494	34.989E-9
1	Grid	-19.68317	48.59137	106.80000	-0.40640	106.78	-792.71E-12	-0.0018221	36.442E-9
1	Grid	-17.68799	48.59137	106.80000	-0.42592	106.78	-841.63E-12	-0.0018887	37.775E-9
1	Grid	-15.69281	48.59137	106.80000	-0.44413	106.78	-885.74E-12	-0.0019479	38.958E-9
1	Grid	-13.69763	48.59137	106.80000	-0.46078	106.78	-923.70E-12	-0.0019983	39.965E-9
1	Grid	-11.70245	48.59137	106.80000	-0.47563	106.78	-954.36E-12	-0.0020387	40.773E-9
1	Grid	-9.70727	48.59137	106.80000	-0.48851	106.78	-976.76E-12	-0.0020681	41.362E-9
1	Grid	-7.71209	48.59137	106.80000	-0.49925	106.78	-990.18E-12	-0.0020859	41.717E-9
1	Grid	-5.71691	48.59137	106.80000	-0.50777	106.78	-994.20E-12	-0.0020915	41.830E-9
1	Grid	-3.72173	48.59137	106.80000	-0.51402	106.78	-988.71E-12	-0.0020949	41.699E-9
1	Grid	-1.72655	48.59137	106.80000	-0.51803	106.78	-973.87E-12	-0.0020663	41.326E-9
1	Grid	0.26863	48.59137	106.80000	-0.51988	106.78	-950.16E-12	-0.0020360	40.721E-9
1	Grid	2.26381	48.59137	106.80000	-0.51972	106.78	-918.33E-12	-0.0019950	39.899E-9
1	Grid	4.25899	48.59137	106.80000	-0.51776	106.78	-879.40E-12	-0.0019440	38.880E-9
1	Grid	6.25417	48.59137	106.80000	-0.51429	106.78	-834.55E-12	-0.0018844	37.689E-9
1	Grid	8.24935	48.59137	106.80000	-0.50963	106.78	-785.12E-12	-0.0018176	36.352E-9
1	Grid	10.24453	48.59137	106.80000	-0.50416	106.78	-732.53E-12	-0.0017449	34.898E-9
1	Grid	12.23971	48.59137	106.80000	-0.49831	106.78	-678.15E-12	-0.0016678	33.356E-9
1	Grid	14.23489	48.59137	106.80000	-0.49257	106.78	-623.30E-12	-0.0015878	31.756E-9
1	Grid	16.23007	48.59137	106.80000	-0.48743	106.78	-569.16E-12	-0.0015062	30.124E-9
1	Grid	18.22525	48.59137	106.80000	-0.48341	106.78	-516.69E-12	-0.0014242	28.485E-9
1	Grid	20.22043	48.59137	106.80000	-0.48105	106.78	-466.67E-12	-0.0013430	26.860E-9
1	Grid	22.21561	48.59137	106.80000	-0.48090	106.78	-419.65E-12	-0.0012634	25.267E-9
1	Grid	24.21079	48.59137	106.80000	-0.48351	106.78	-375.99E-12	-0.0011861	23.721E-9
1	Grid	26.20597	48.59137	106.80000	-0.48945	106.78	-335.86E-12	-0.0011166	22.233E-9
1	Grid	28.20115	48.59137	106.80000	-0.49918	106.78	-299.31E-12	-0.0010405	20.810E-9
1	Grid	30.19633	48.59137	106.80000	-0.51334	106.78	-266.26E-12	-972.91E-6	19.458E-9
1	Grid	32.19151	48.59137	106.80000	-0.53247	106.78	-236.56E-12	-909.02E-6	18.180E-9
1	Grid	34.18669	48.59137	106.80000	-0.55714	106.78	-210.01E-12	-848.89E-6	16.978E-9
1	Grid	36.18187	48.59137	106.80000	-0.58794	106.78	-186.36E-12	-792.49E-6	15.850E-9
1	Grid	38.17705	48.4						



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]
1	Grid	145.91676	48.59137	106.80000	-0.16122	106.78	-1.4222E-12	-64.819E-6	896.37E-12
1	Grid	147.91194	48.59137	106.80000	-0.14065	106.78	-1.3423E-12	-43.225E-6	864.51E-12
1	Grid	149.90712	48.59137	106.80000	-0.12215	106.78	-1.2603E-12	-41.705E-6	834.11E-12
1	Grid	151.90230	48.59137	106.80000	-0.10553	106.78	-1.1884E-12	-40.254E-6	805.09E-12
1	Grid	153.89748	48.59137	106.80000	-0.09062	106.78	-1.1231E-12	-38.869E-6	777.37E-12
1	Grid	155.89266	48.59137	106.80000	-0.07724	106.78	-1.0605E-12	-37.545E-6	750.89E-12
1	Grid	157.88784	48.59137	106.80000	-0.06525	106.78	0.0	-36.279E-6	725.58E-12
1	Grid	159.88302	48.59137	106.80000	-0.05452	106.78	0.0	-35.069E-6	701.38E-12
1	Grid	161.87820	48.59137	106.80000	-0.04492	106.78	0.0	-33.911E-6	678.21E-12
1	Grid	163.87338	48.59137	106.80000	-0.03635	106.78	0.0	-32.802E-6	656.05E-12
1	Grid	165.86856	48.59137	106.80000	-0.02870	106.78	0.0	-31.741E-6	634.82E-12
1	Grid	167.86374	48.59137	106.80000	-0.02189	106.78	0.0	-30.724E-6	614.48E-12
1	Grid	169.85892	48.59137	106.80000	-0.01583	106.78	0.0	-29.749E-6	594.99E-12
1	Grid	171.85410	48.59137	106.80000	-0.01044	106.78	0.0	-28.815E-6	576.30E-12
1	Grid	173.84928	48.59137	106.80000	-0.00566	106.78	0.0	-27.919E-6	558.37E-12
1	Grid	175.84446	48.59137	106.80000	-0.00143	106.78	0.0	-27.059E-6	541.17E-12
1	Grid	177.83964	48.59137	106.80000	0.00231	106.78	0.0	-26.233E-6	524.66E-12
1	Grid	179.83482	48.59137	106.80000	0.00560	106.78	0.0	-25.440E-6	508.81E-12
1	Grid	181.83000	48.59137	106.80000	0.00850	106.78	0.0	-24.679E-6	493.57E-12
1	Grid	-95.50000	50.46612	106.80000	0.01696	106.78	-13.441E-12	-169.70E-6	3.3941E-9
1	Grid	-93.60482	50.46612	106.80000	-0.03456	106.78	-14.710E-12	-179.00E-6	-5.5800E-9
1	Grid	-91.50964	50.46612	106.80000	0.01443	106.78	-16.125E-12	-188.95E-6	3.7789E-9
1	Grid	-89.51446	50.46612	106.80000	0.01289	106.78	-17.693E-12	-199.59E-6	3.9918E-9
1	Grid	-87.51928	50.46612	106.80000	0.01112	106.78	-19.445E-12	-210.99E-6	4.2197E-9
1	Grid	-85.52410	50.46612	106.80000	0.00912	106.78	-21.398E-12	-223.20E-6	4.4640E-9
1	Grid	-83.52892	50.46612	106.80000	0.00692	106.78	-23.576E-12	-236.29E-6	4.7259E-9
1	Grid	-81.53374	50.46612	106.80000	0.00431	106.78	-26.011E-12	-250.34E-6	5.0069E-9
1	Grid	-79.53856	50.46612	106.80000	0.00145	106.78	-28.739E-12	-265.43E-6	5.3086E-9
1	Grid	-77.54338	50.46612	106.80000	-0.00174	106.78	-31.796E-12	-281.63E-6	5.6326E-9
1	Grid	-75.54820	50.46612	106.80000	-0.00531	106.78	-35.221E-12	-299.04E-6	5.9809E-9
1	Grid	-73.55302	50.46612	106.80000	-0.00925	106.78	-39.073E-12	-317.76E-6	6.3538E-9
1	Grid	-71.55784	50.46612	106.80000	-0.01370	106.78	-43.404E-12	-337.90E-6	6.7580E-9
1	Grid	-69.56266	50.46612	106.80000	-0.01858	106.78	-48.277E-12	-359.56E-6	7.1912E-9
1	Grid	-67.56748	50.46612	106.80000	-0.02398	106.78	-53.765E-12	-382.87E-6	7.6575E-9
1	Grid	-65.57230	50.46612	106.80000	-0.02993	106.78	-59.946E-12	-407.96E-6	8.1592E-9
1	Grid	-63.57712	50.46612	106.80000	-0.03645	106.78	-66.921E-12	-434.95E-6	8.6991E-9
1	Grid	-61.58194	50.46612	106.80000	-0.04363	106.78	-74.787E-12	-464.00E-6	9.2799E-9
1	Grid	-59.58676	50.46612	106.80000	-0.05146	106.78	-83.663E-12	-495.23E-6	9.9046E-9
1	Grid	-57.59158	50.46612	106.80000	-0.06001	106.78	-93.672E-12	-528.81E-6	10.576E-9
1	Grid	-55.59640	50.46612	106.80000	-0.06930	106.78	-104.96E-12	-564.86E-6	11.297E-9
1	Grid	-53.60122	50.46612	106.80000	-0.07937	106.78	-117.68E-12	-603.54E-6	12.071E-9
1	Grid	-51.60604	50.46612	106.80000	-0.09025	106.78	-131.99E-12	-644.98E-6	12.900E-9
1	Grid	-49.61086	50.46612	106.80000	-0.10196	106.78	-148.07E-12	-689.30E-6	13.786E-9
1	Grid	-47.61568	50.46612	106.80000	-0.11453	106.78	-166.10E-12	-736.59E-6	14.732E-9
1	Grid	-45.62050	50.46612	106.80000	-0.12796	106.78	-186.24E-12	-786.91E-6	15.738E-9
1	Grid	-43.62532	50.46612	106.80000	-0.14225	106.78	-208.67E-12	-840.42E-6	16.806E-9
1	Grid	-41.63014	50.46612	106.80000	-0.15738	106.78	-233.53E-12	-896.68E-6	17.934E-9
1	Grid	-39.63496	50.46612	106.80000	-0.17332	106.78	-260.93E-12	-956.01E-6	19.120E-9
1	Grid	-37.63978	50.46612	106.80000	-0.19001	106.78	-290.95E-12	-0.0010181	20.361E-9
1	Grid	-35.64460	50.46612	106.80000	-0.20738	106.78	-323.57E-12	-0.0010826	21.652E-9
1	Grid	-33.64942	50.46612	106.80000	-0.22559	106.78	-358.69E-12	-0.0014992	22.984E-9
1	Grid	-31.65424	50.46612	106.80000	-0.24379	106.78	-396.11E-12	-0.0012173	24.347E-9
1	Grid	-29.65906	50.46612	106.80000	-0.26256	106.78	-435.50E-12	-0.0012864	25.728E-9
1	Grid	-27.66388	50.46612	106.80000	-0.28151	106.78	-476.36E-12	-0.0013556	27.112E-9
1	Grid	-25.66871	50.46612	106.80000	-0.30044	106.78	-518.08E-12	-0.0014240	28.480E-9
1	Grid	-23.67353	50.46612	106.80000	-0.31916	106.78	-559.92E-12	-0.0014979	29.813E-9
1	Grid	-21.67835	50.46612	106.80000	-0.33745	106.78	-600.98E-12	-0.0015545	31.089E-9
1	Grid	-19.68317	50.46612	106.80000	-0.35509	106.78	-640.32E-12	-0.0016143	32.285E-9
1	Grid	-17.68799	50.46612	106.80000	-0.37186	106.78	-676.93E-12	-0.0016689	33.379E-9
1	Grid	-15.69281	50.46612	106.80000	-0.38755	106.78	-709.83E-12	-0.0017173	34.347E-9
1	Grid	-13.69763	50.46612	106.80000	-0.40345	106.78	-738.09E-12	-0.0017584	35.169E-9
1	Grid	-11.70245	50.46612	106.80000	-0.41487	106.78	-760.86E-12	-0.0017914	35.827E-9
1	Grid	-9.70727	50.46612	106.80000	-0.42619	106.78	-777.48E-12	-0.0018153	36.306E-9
1	Grid	-7.71209	50.46612	106.80000	-0.43579	106.78	-787.45E-12	-0.0018298	36.596E-9
1	Grid	-5.71691	50.46612	106.80000	-0.44360	106.78	-790.45E-12	-0.0018344	36.688E-9
1	Grid	-3.72173	50.46612	106.80000	-0.44960	106.78	-786.40E-12	-0.0018291	36.582E-9
1	Grid	-1.72655	50.46612	106.80000	-0.45383	106.78	-775.43E-12	-0.0018140	36.280E-9
1	Grid	0.26863	50.46612	106.80000	-0.45638	106.78	-757.87E-12	-0.0017895	35.789E-9
1	Grid	2.26381	50.46612	106.80000	-0.45738	106.78	-734.27E-12	-0.0017560	35.121E-9
1	Grid	4.25899	50.46612	106.80000	-0.45702	106.78	-705.32E-12	-0.0017145	34.291E-9
1	Grid	6.25417	50.46612	106.80000	-0.45556	106.78	-671.88E-12	-0.0016659	33.317E-9
1	Grid	8.24935	50.46612	106.80000	-0.45328	106.78	-634.89E-12	-0.0016110	32.221E-9
1	Grid	10.24453	50.46612	106.80000	-0.45053	106.78	-595.35E-12	-0.0015512	31.024E-9
1	Grid	12.23971	50.46612	106.80000	-0.44769	106.78	-554.24E-12	-0.0014875	29.750E-9
1	Grid	14.23489	50.46612	106.80000	-0.44518	106.78	-512.52E-12	-0.0014211	28.421E-9
1	Grid	16.23007	50.46612	106.80000	-0.44245	106.78	-471.02E-12	-0.0013530	27.059E-9
1	Grid	18.22525	50.46612	106.80000	-0.44297	106.78	-430.50E-12	-0.0012842	25.683E-9
1	Grid	20.22043	50.46612	106.80000	-0.44423	106.78	-391.53E-12	-0.0012156	24.312E-9
1	Grid	22.21561	50.46612	106.80000	-0.44775	106.78	-354.57E-12	-0.0011479	22.959E-9
1	Grid	24.21079	50.46612	106.80000	-0.45403	106.78	-319.93E-12	-0.0010819	21.637E-9
1	Grid	26.20597	50.46612	106.80000	-0.46261	106.78	-287.79E-12	-0.0010179	20.357E-9
1	Grid	28.20115	50.46612	106.80000	-0.47704	106.78	-258.24E-12	-956.30E-6	19.126E-9
1	Grid	30.19633	50.46612	106.80000	-0.49487	106.78	-231.27E-12	-897.45E-6	17.949E-9
1	Grid	32.19151	50.46612	106.80000	-0.51767	106.78	-206.81E-12	-841.49E-6	16.830E-9
1	Grid	34.18669	50.46612	106.80000	-0.54605	106.78	-184.74E-12	-788.51E-6	15.770E-9
1	Grid	36.18187	50.46612	106.80000	-0.58061	106.78	-164.92E-12	-738.54E-6	14.771E-9
1	Grid	38.17705	50.46612	106.80000	-0.62208	106.78	-147.17E-12	-691.56E-6	13.831E-9
1	Grid	40.17223	50.46612	106.80000	-0.67111	106.78	-131.33E-12	-647.50E-6	12.950E-9
1	Grid	42.16741	50.46612	106.80000	-0.72847	106.78	-117.22E-12	-606.27E-6	12.125E-9
1	Grid	44.16259	50.46612	106.80000	-0.79495	106.78	-104.66E-12	-567.76E-6	11.355E-9
1	Grid	46.15777	50.46612	106.80000	-0.87141	106.78	-92.511E-12	-531.83E-6	10.637E-9
1	Grid	48.15295	50.46612	106.80000	-0.95875	106.78	-83.610E-12	-498.35E-6	9.966E-9
1	Grid	50.14813	50.46612	106.80000	-1.05793	106.78	-74.823E-12	-467.17E-6	9.3434E-9
1	Grid	52.14331	50.46612	106.80000	-1.16997	106.78	-67.023E-12	-438.16E-6	8.7632E-9
1	Grid	54.13849	50.46612	106.80000	-1.29596	106.78	-60.106E-12	-411.17E-6	8.2235E-9
1	Grid	56.13367	50.46612	106.80000	-1.43704	106.78	-53.959E-12	-386.07E-6	7.7215E-9
1	Grid	58.12885	50.46612	106.80000	-1.59443	106.78	-48.501E-12	-362.73E-6	7.2546E-9
1	Grid	60.12403	50.46612	106.80000	-1.76938	106.78	-43.647E-12	-341.02E-6	6.8204E-9
1	Grid	62.11921	50.46612	106.80000	-1.96318	1			



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	125.96496	50.46612	106.80000	-0.55597	106.78	-2.6532E-12	-65.005E-6	1.3001E-9
1	Grid	127.96014	50.46612	106.80000	-0.49722	106.78	-2.4813E-12	-62.440E-6	1.2489E-9
1	Grid	129.95532	50.46612	106.80000	-0.44404	106.78	-2.3208E-12	-60.004E-6	1.2001E-9
1	Grid	131.95050	50.46612	106.80000	-0.39590	106.78	-2.1749E-12	-57.690E-6	1.1538E-9
1	Grid	133.94568	50.46612	106.80000	-0.35236	106.78	-2.0364E-12	-55.491E-6	1.1098E-9
1	Grid	135.94086	50.46612	106.80000	-0.31301	106.78	-1.9091E-12	-53.399E-6	1.0680E-9
1	Grid	137.93604	50.46612	106.80000	-0.27746	106.78	-1.7926E-12	-51.408E-6	1.0282E-9
1	Grid	139.93122	50.46612	106.80000	-0.24537	106.78	-1.6820E-12	-49.512E-6	990.25E-12
1	Grid	141.92640	50.46612	106.80000	-0.21642	106.78	-1.5807E-12	-47.707E-6	954.13E-12
1	Grid	143.92158	50.46612	106.80000	-0.19032	106.78	-1.4861E-12	-45.986E-6	919.71E-12
1	Grid	145.91676	50.46612	106.80000	-0.16681	106.78	-1.4002E-12	-44.345E-6	886.89E-12
1	Grid	147.91194	50.46612	106.80000	-0.14565	106.78	-1.3163E-12	-42.779E-6	855.58E-12
1	Grid	149.90712	50.46612	106.80000	-0.12663	106.78	-1.2397E-12	-41.285E-6	825.69E-12
1	Grid	151.90230	50.46612	106.80000	-0.10953	106.78	-1.1704E-12	-39.858E-6	797.16E-12
1	Grid	153.89748	50.46612	106.80000	-0.09418	106.78	-1.1031E-12	-38.494E-6	769.89E-12
1	Grid	155.89266	50.46612	106.80000	-0.08041	106.78	-1.0418E-12	-37.191E-6	743.83E-12
1	Grid	157.88784	50.46612	106.80000	-0.06808	106.78	0.0	-35.945E-6	718.91E-12
1	Grid	159.88302	50.46612	106.80000	-0.05703	106.78	0.0	-34.753E-6	695.06E-12
1	Grid	161.87820	50.46612	106.80000	-0.04716	106.78	0.0	-33.612E-6	672.25E-12
1	Grid	163.87338	50.46612	106.80000	-0.03833	106.78	0.0	-32.520E-6	650.40E-12
1	Grid	165.86856	50.46612	106.80000	-0.03046	106.78	0.0	-31.473E-6	629.47E-12
1	Grid	167.86374	50.46612	106.80000	-0.02345	106.78	0.0	-30.471E-6	609.41E-12
1	Grid	169.85892	50.46612	106.80000	-0.01721	106.78	0.0	-29.509E-6	590.19E-12
1	Grid	171.85410	50.46612	106.80000	-0.01166	106.78	0.0	-28.587E-6	571.74E-12
1	Grid	173.84928	50.46612	106.80000	-0.00674	106.78	0.0	-27.703E-6	554.05E-12
1	Grid	175.84446	50.46612	106.80000	-0.00259	106.78	0.0	-26.854E-6	537.07E-12
1	Grid	177.83964	50.46612	106.80000	0.00146	106.78	0.0	-26.038E-6	520.76E-12
1	Grid	179.83482	50.46612	106.80000	0.00485	106.78	0.0	-25.255E-6	505.10E-12
1	Grid	181.83000	50.46612	106.80000	0.00784	106.78	0.0	-24.503E-6	490.05E-12
1	Grid	-95.50000	52.34086	106.80000	0.01766	106.78	-12.853E-12	-165.27E-6	3.3055E-9
1	Grid	-93.50518	52.34086	106.80000	0.01653	106.78	-14.046E-12	-174.16E-6	3.4833E-9
1	Grid	-91.50964	52.34086	106.80000	0.01536	106.78	-15.370E-12	-183.66E-6	3.6731E-9
1	Grid	-89.51446	52.34086	106.80000	0.01395	106.78	-16.837E-12	-193.80E-6	3.8759E-9
1	Grid	-87.51928	52.34086	106.80000	0.01234	106.78	-18.469E-12	-204.64E-6	4.0927E-9
1	Grid	-85.52410	52.34086	106.80000	0.01051	106.78	-20.280E-12	-216.23E-6	4.3246E-9
1	Grid	-83.52892	52.34086	106.80000	0.00848	106.78	-22.299E-12	-228.64E-6	4.5728E-9
1	Grid	-81.53374	52.34086	106.80000	0.00612	106.78	-24.546E-12	-241.92E-6	4.8384E-9
1	Grid	-79.53856	52.34086	106.80000	0.00351	106.78	-27.058E-12	-256.15E-6	5.1230E-9
1	Grid	-77.54338	52.34086	106.80000	0.00058	106.78	-29.858E-12	-271.40E-6	5.4280E-9
1	Grid	-75.54820	52.34086	106.80000	-0.00267	106.78	-32.991E-12	-287.75E-6	5.7550E-9
1	Grid	-73.55302	52.34086	106.80000	-0.00620	106.78	-36.497E-12	-305.28E-6	6.1056E-9
1	Grid	-71.55784	52.34086	106.80000	-0.01031	106.78	-40.420E-12	-324.08E-6	6.4817E-9
1	Grid	-69.56266	52.34086	106.80000	-0.01475	106.78	-44.823E-12	-344.25E-6	6.8851E-9
1	Grid	-67.56748	52.34086	106.80000	-0.01965	106.78	-49.754E-12	-365.89E-6	7.3179E-9
1	Grid	-65.57230	52.34086	106.80000	-0.02503	106.78	-55.285E-12	-389.11E-6	7.7821E-9
1	Grid	-63.57712	52.34086	106.80000	-0.03091	106.78	-61.491E-12	-414.90E-6	8.2800E-9
1	Grid	-61.58194	52.34086	106.80000	-0.03742	106.78	-68.455E-12	-440.69E-6	8.8137E-9
1	Grid	-59.58676	52.34086	106.80000	-0.04447	106.78	-76.266E-12	-469.28E-6	9.3856E-9
1	Grid	-57.59158	52.34086	106.80000	-0.05216	106.78	-85.027E-12	-499.89E-6	9.9979E-9
1	Grid	-55.59640	52.34086	106.80000	-0.06049	106.78	-94.843E-12	-532.63E-6	10.653E-9
1	Grid	-53.60122	52.34086	106.80000	-0.06950	106.78	-105.83E-12	-567.61E-6	11.352E-9
1	Grid	-51.60604	52.34086	106.80000	-0.07921	106.78	-118.11E-12	-604.90E-6	12.098E-9
1	Grid	-49.61086	52.34086	106.80000	-0.08964	106.78	-131.80E-12	-644.59E-6	12.892E-9
1	Grid	-47.61568	52.34086	106.80000	-0.10080	106.78	-147.04E-12	-686.73E-6	13.735E-9
1	Grid	-45.62050	52.34086	106.80000	-0.11270	106.78	-163.93E-12	-731.35E-6	14.627E-9
1	Grid	-43.62532	52.34086	106.80000	-0.12512	106.78	-182.59E-12	-778.42E-6	15.568E-9
1	Grid	-41.63014	52.34086	106.80000	-0.13863	106.78	-203.11E-12	-827.89E-6	16.558E-9
1	Grid	-39.63496	52.34086	106.80000	-0.15262	106.78	-225.53E-12	-879.63E-6	17.593E-9
1	Grid	-37.63978	52.34086	106.80000	-0.16723	106.78	-249.87E-12	-933.46E-6	18.669E-9
1	Grid	-35.64460	52.34086	106.80000	-0.18240	106.78	-276.10E-12	-989.10E-6	19.782E-9
1	Grid	-33.64942	52.34086	106.80000	-0.19804	106.78	-304.11E-12	-1047.00E-6	20.924E-9
1	Grid	-31.65424	52.34086	106.80000	-0.21405	106.78	-333.70E-12	-1041.04E-6	22.086E-9
1	Grid	-29.65906	52.34086	106.80000	-0.23032	106.78	-364.59E-12	-1041.62E-6	23.257E-9
1	Grid	-27.66388	52.34086	106.80000	-0.24670	106.78	-396.40E-12	-1041.22E-6	24.442E-9
1	Grid	-25.66871	52.34086	106.80000	-0.26305	106.78	-428.66E-12	-1041.27E-6	25.573E-9
1	Grid	-23.67353	52.34086	106.80000	-0.27929	106.78	-460.80E-12	-1041.23E-6	26.687E-9
1	Grid	-21.67835	52.34086	106.80000	-0.29497	106.78	-492.17E-12	-1041.38E-6	27.749E-9
1	Grid	-19.68317	52.34086	106.80000	-0.31019	106.78	-522.08E-12	-1041.43E-6	28.741E-9
1	Grid	-17.68799	52.34086	106.80000	-0.32468	106.78	-549.81E-12	-1041.48E-6	29.644E-9
1	Grid	-15.69281	52.34086	106.80000	-0.33827	106.78	-574.64E-12	-1041.52E-6	30.442E-9
1	Grid	-13.69763	52.34086	106.80000	-0.35080	106.78	-595.92E-12	-1041.55E-6	31.118E-9
1	Grid	-11.70245	52.34086	106.80000	-0.36215	106.78	-613.05E-12	-1041.58E-6	31.659E-9
1	Grid	-9.70727	52.34086	106.80000	-0.37219	106.78	-625.53E-12	-1041.60E-6	32.052E-9
1	Grid	-7.71209	52.34086	106.80000	-0.38085	106.78	-633.01E-12	-1041.61E-6	32.290E-9
1	Grid	-5.71691	52.34086	106.80000	-0.38809	106.78	-635.28E-12	-1041.61E-6	32.366E-9
1	Grid	-3.72173	52.34086	106.80000	-0.39391	106.78	-632.26E-12	-1041.60E-6	32.280E-9
1	Grid	-1.72655	52.34086	106.80000	-0.39835	106.78	-624.05E-12	-1041.60E-6	32.033E-9
1	Grid	0.26863	52.34086	106.80000	-0.40149	106.78	-610.90E-12	-1041.58E-6	31.632E-9
1	Grid	2.26381	52.34086	106.80000	-0.40346	106.78	-593.18E-12	-1041.55E-6	31.084E-9
1	Grid	4.25899	52.34086	106.80000	-0.40445	106.78	-571.40E-12	-1041.52E-6	30.402E-9
1	Grid	6.25417	52.34086	106.80000	-0.40468	106.78	-546.16E-12	-1041.48E-6	29.600E-9
1	Grid	8.24935	52.34086	106.80000	-0.40441	106.78	-518.15E-12	-1041.43E-6	28.695E-9
1	Grid	10.24453	52.34086	106.80000	-0.40395	106.78	-488.08E-12	-1041.38E-6	27.703E-9
1	Grid	12.23971	52.34086	106.80000	-0.40365	106.78	-456.66E-12	-1041.33E-6	26.643E-9
1	Grid	14.23489	52.34086	106.80000	-0.40389	106.78	-424.59E-12	-1041.27E-6	25.533E-9
1	Grid	16.23007	52.34086	106.80000	-0.40367	106.78	-392.48E-12	-1041.21E-6	24.389E-9
1	Grid	18.22525	52.34086	106.80000	-0.40763	106.78	-360.89E-12	-1041.16E-6	23.228E-9
1	Grid	20.22043	52.34086	106.80000	-0.41203	106.78	-330.28E-12	-1041.10E-6	22.064E-9
1	Grid	22.21561	52.34086	106.80000	-0.41875	106.78	-301.01E-12	-1041.04E-6	20.910E-9
1	Grid	24.21079	52.34086	106.80000	-0.42830	106.78	-273.35E-12	-988.81E-6	19.776E-9
1	Grid	26.20597	52.34086	106.80000	-0.44119	106.78	-247.46E-12	-933.58E-6	18.672E-9
1	Grid	28.20115	52.34086	106.80000	-0.45797	106.78	-223.46E-12	-880.16E-6	17.603E-9
1	Grid	30.19633	52.34086	106.80000	-0.47922	106.78	-201.36E-12	-828.80E-6	16.576E-9
1	Grid	32.19151	52.34086	106.80000	-0.50552	106.78	-181.15E-12	-779.70E-6	15.594E-9
1	Grid	34.18669	52.34086	106.80000	-0.53753	106.78	-162.76E-12	-732.95E-6	14.659E-9
1	Grid	36.18187	52.34086	106.80000	-0.57592	106.78	-146.11E-12	-688.62E-6	13.772E-9
1	Grid	38.17705	52.34086	106.80000	-0.62141	106.78	-131.10E-12	-646.74E-6	12.935E-9
1	Grid	40.17223	52.34086	106.80000	-0.67479	106.78	-117.58E-12	-607.26E-6	12.145E-9
1	Grid	4							

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.	
						3244			
						Drg. Ref.			
						Made by AC	Date	Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level [mD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
1	Grid	106.01317	52.34086	106.80000	-1.63758	106.78	-5.3031E-12	-98.132E-6	1.9626E-9
1	Grid	108.00835	52.34086	106.80000	-1.48069	106.78	-4.9174E-12	-93.819E-6	1.8764E-9
1	Grid	110.00353	52.34086	106.80000	-1.33772	106.78	-4.5650E-12	-89.744E-6	1.7949E-9
1	Grid	111.99871	52.34086	106.80000	-1.20754	106.78	-4.2393E-12	-85.892E-6	1.7178E-9
1	Grid	113.99388	52.34086	106.80000	-1.08908	106.78	-3.9408E-12	-82.250E-6	1.6450E-9
1	Grid	115.98906	52.34086	106.80000	-0.98133	106.78	-3.6677E-12	-78.802E-6	1.5760E-9
1	Grid	117.98424	52.34086	106.80000	-0.88339	106.78	-3.4166E-12	-75.538E-6	1.5108E-9
1	Grid	119.97942	52.34086	106.80000	-0.79439	106.78	-3.1835E-12	-72.445E-6	1.4489E-9
1	Grid	121.97460	52.34086	106.80000	-0.71355	106.78	-2.9696E-12	-69.514E-6	1.3903E-9
1	Grid	123.96978	52.34086	106.80000	-0.64020	106.78	-2.7718E-12	-66.733E-6	1.3347E-9
1	Grid	125.96496	52.34086	106.80000	-0.57364	106.78	-2.5913E-12	-64.093E-6	1.2819E-9
1	Grid	127.96014	52.34086	106.80000	-0.51328	106.78	-2.4247E-12	-61.587E-6	1.2317E-9
1	Grid	129.95532	52.34086	106.80000	-0.45859	106.78	-2.2702E-12	-59.206E-6	1.1841E-9
1	Grid	131.95050	52.34086	106.80000	-0.40905	106.78	-2.1270E-12	-56.942E-6	1.1388E-9
1	Grid	133.94568	52.34086	106.80000	-0.36422	106.78	-1.9911E-12	-54.789E-6	1.0958E-9
1	Grid	135.94086	52.34086	106.80000	-0.32367	106.78	-1.8698E-12	-52.740E-6	1.0548E-9
1	Grid	137.93604	52.34086	106.80000	-0.28703	106.78	-1.7559E-12	-50.790E-6	1.0158E-9
1	Grid	139.93122	52.34086	106.80000	-0.25394	106.78	-1.6513E-12	-48.931E-6	978.63E-12
1	Grid	141.92640	52.34086	106.80000	-0.22409	106.78	-1.5508E-12	-47.160E-6	943.21E-12
1	Grid	143.92158	52.34086	106.80000	-0.19717	106.78	-1.4602E-12	-45.472E-6	909.43E-12
1	Grid	145.91676	52.34086	106.80000	-0.17292	106.78	-1.3736E-12	-43.861E-6	877.21E-12
1	Grid	147.91194	52.34086	106.80000	-0.15109	106.78	-1.2943E-12	-42.323E-6	846.46E-12
1	Grid	149.90712	52.34086	106.80000	-0.13146	106.78	-1.2197E-12	-40.855E-6	817.10E-12
1	Grid	151.90230	52.34086	106.80000	-0.11382	106.78	-1.1497E-12	-39.452E-6	789.05E-12
1	Grid	153.89748	52.34086	106.80000	-0.09799	106.78	-1.0831E-12	-38.112E-6	762.23E-12
1	Grid	155.89266	52.34086	106.80000	-0.08379	106.78	-1.0252E-12	-36.830E-6	736.60E-12
1	Grid	157.88784	52.34086	106.80000	-0.07107	106.78	0.0	-35.604E-6	712.07E-12
1	Grid	159.88302	52.34086	106.80000	-0.05902	106.78	0.0	-34.430E-6	688.60E-12
1	Grid	161.87820	52.34086	106.80000	-0.04950	106.78	0.0	-33.307E-6	666.13E-12
1	Grid	163.87338	52.34086	106.80000	-0.04041	106.78	0.0	-32.231E-6	644.61E-12
1	Grid	165.86856	52.34086	106.80000	-0.03230	106.78	0.0	-31.199E-6	623.99E-12
1	Grid	167.86374	52.34086	106.80000	-0.02507	106.78	0.0	-30.211E-6	604.22E-12
1	Grid	169.85892	52.34086	106.80000	-0.01864	106.78	0.0	-29.263E-6	585.26E-12
1	Grid	171.85410	52.34086	106.80000	-0.01293	106.78	0.0	-28.354E-6	567.07E-12
1	Grid	173.84928	52.34086	106.80000	-0.00786	106.78	0.0	-27.481E-6	549.62E-12
1	Grid	175.84446	52.34086	106.80000	-0.00337	106.78	0.0	-26.643E-6	532.86E-12
1	Grid	177.83964	52.34086	106.80000	0.00059	106.78	0.0	-25.838E-6	516.76E-12
1	Grid	179.83482	52.34086	106.80000	0.00408	106.78	0.0	-25.065E-6	501.30E-12
1	Grid	181.83000	52.34086	106.80000	0.00716	106.78	0.0	-24.322E-6	486.44E-12
1	Grid	-95.50000	54.21561	106.80000	0.01833	106.78	-12.282E-12	-160.87E-6	3.2174E-9
1	Grid	-93.50482	54.21561	106.80000	0.01736	106.78	-13.402E-12	-169.36E-6	3.3872E-9
1	Grid	-91.50964	54.21561	106.80000	0.01624	106.78	-14.636E-12	-178.41E-6	3.5683E-9
1	Grid	-89.51446	54.21561	106.80000	0.01496	106.78	-16.006E-12	-188.07E-6	3.7614E-9
1	Grid	-87.51928	54.21561	106.80000	0.01350	106.78	-17.523E-12	-198.37E-6	3.9674E-9
1	Grid	-85.52410	54.21561	106.80000	0.01183	106.78	-19.203E-12	-209.37E-6	4.1873E-9
1	Grid	-83.52892	54.21561	106.80000	0.00995	106.78	-21.069E-12	-221.11E-6	4.4222E-9
1	Grid	-81.53374	54.21561	106.80000	0.00783	106.78	-23.143E-12	-233.66E-6	4.6732E-9
1	Grid	-79.53856	54.21561	106.80000	0.00545	106.78	-25.452E-12	-247.07E-6	4.9414E-9
1	Grid	-77.54338	54.21561	106.80000	0.00280	106.78	-28.017E-12	-261.41E-6	5.2282E-9
1	Grid	-75.54820	54.21561	106.80000	-0.00017	106.78	-30.877E-12	-276.75E-6	5.5349E-9
1	Grid	-73.55302	54.21561	106.80000	-0.00346	106.78	-34.066E-12	-293.15E-6	5.8630E-9
1	Grid	-71.55784	54.21561	106.80000	-0.00710	106.78	-37.623E-12	-310.70E-6	6.2139E-9
1	Grid	-69.56266	54.21561	106.80000	-0.01113	106.78	-41.586E-12	-329.46E-6	6.5893E-9
1	Grid	-67.56748	54.21561	106.80000	-0.01556	106.78	-46.015E-12	-349.54E-6	6.9908E-9
1	Grid	-65.57230	54.21561	106.80000	-0.02044	106.78	-50.959E-12	-371.01E-6	7.4201E-9
1	Grid	-63.57712	54.21561	106.80000	-0.02577	106.78	-56.479E-12	-393.95E-6	7.8790E-9
1	Grid	-61.58194	54.21561	106.80000	-0.03160	106.78	-62.643E-12	-418.47E-6	8.3693E-9
1	Grid	-59.58676	54.21561	106.80000	-0.03795	106.78	-69.515E-12	-444.63E-6	8.8927E-9
1	Grid	-57.59158	54.21561	106.80000	-0.04485	106.78	-77.180E-12	-472.54E-6	9.4509E-9
1	Grid	-55.59640	54.21561	106.80000	-0.05231	106.78	-85.721E-12	-502.28E-6	10.046E-9
1	Grid	-53.60122	54.21561	106.80000	-0.06036	106.78	-95.215E-12	-533.90E-6	10.678E-9
1	Grid	-51.60604	54.21561	106.80000	-0.06902	106.78	-105.76E-12	-567.48E-6	11.330E-9
1	Grid	-49.61086	54.21561	106.80000	-0.07830	106.78	-117.44E-12	-603.05E-6	12.061E-9
1	Grid	-47.61568	54.21561	106.80000	-0.08820	106.78	-130.34E-12	-640.65E-6	12.813E-9
1	Grid	-45.62050	54.21561	106.80000	-0.09873	106.78	-144.55E-12	-680.25E-6	13.605E-9
1	Grid	-43.62532	54.21561	106.80000	-0.10986	106.78	-160.11E-12	-721.48E-6	14.437E-9
1	Grid	-41.63014	54.21561	106.80000	-0.12159	106.78	-177.09E-12	-765.31E-6	15.306E-9
1	Grid	-39.63496	54.21561	106.80000	-0.13387	106.78	-195.51E-12	-810.55E-6	16.211E-9
1	Grid	-37.63978	54.21561	106.80000	-0.14667	106.78	-215.35E-12	-857.36E-6	17.147E-9
1	Grid	-35.64460	54.21561	106.80000	-0.15992	106.78	-236.56E-12	-905.50E-6	18.110E-9
1	Grid	-33.64942	54.21561	106.80000	-0.17356	106.78	-259.04E-12	-954.64E-6	19.109E-9
1	Grid	-31.65424	54.21561	106.80000	-0.18749	106.78	-282.60E-12	-0.0010044	20.088E-9
1	Grid	-29.65906	54.21561	106.80000	-0.20162	106.78	-307.02E-12	-0.0010543	21.085E-9
1	Grid	-27.66388	54.21561	106.80000	-0.21582	106.78	-332.01E-12	-0.0011038	22.075E-9
1	Grid	-25.66871	54.21561	106.80000	-0.22998	106.78	-357.18E-12	-0.0011523	23.045E-9
1	Grid	-23.67353	54.21561	106.80000	-0.24396	106.78	-382.11E-12	-0.0011991	23.981E-9
1	Grid	-21.67835	54.21561	106.80000	-0.25822	106.78	-406.33E-12	-0.0012439	24.871E-9
1	Grid	-19.68317	54.21561	106.80000	-0.27082	106.78	-429.31E-12	-0.0012849	25.698E-9
1	Grid	-17.68799	54.21561	106.80000	-0.28341	106.78	-450.54E-12	-0.0013225	26.450E-9
1	Grid	-15.69281	54.21561	106.80000	-0.29526	106.78	-469.49E-12	-0.0013556	27.113E-9
1	Grid	-13.69763	54.21561	106.80000	-0.30626	106.78	-485.69E-12	-0.0013837	27.673E-9
1	Grid	-11.70245	54.21561	106.80000	-0.31629	106.78	-498.71E-12	-0.0014104	28.120E-9
1	Grid	-9.70727	54.21561	106.80000	-0.32528	106.78	-508.19E-12	-0.0014223	28.445E-9
1	Grid	-7.71209	54.21561	106.80000	-0.33318	106.78	-513.87E-12	-0.0014321	28.642E-9
1	Grid	-5.71691	54.21561	106.80000	-0.33996	106.78	-515.60E-12	-0.0014353	28.705E-9
1	Grid	-3.72173	54.21561	106.80000	-0.34564	106.78	-513.33E-12	-0.0014318	28.635E-9
1	Grid	-1.72655	54.21561	106.80000	-0.35026	106.78	-507.12E-12	-0.0014258	28.432E-9
1	Grid	0.26863	54.21561	106.80000	-0.35390	106.78	-497.16E-12	-0.0014051	28.101E-9
1	Grid	2.26381	54.21561	106.80000	-0.35671	106.78	-483.70E-12	-0.0013824	27.649E-9
1	Grid	4.25899	54.21561	106.80000	-0.35884	106.78	-467.13E-12	-0.0013542	27.085E-9
1	Grid	6.25417	54.21561	106.80000	-0.36049	106.78	-447.89E-12	-0.0013210	26.420E-9
1	Grid	8.24935	54.21561	106.80000	-0.36192	106.78	-426.44E-12	-0.0012833	25.667E-9
1	Grid	10.24453	54.21561						

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.		Sheet No.		Rev.	
						3244					
						Drg. Ref.					
Made by AC		Date				Checked					
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain		
		[m]	[m]	[mMOD]	[mm]	[mMOD]	[kN/m²]	[kN/m²]	[µ]		
1	Grid	86.06137	54.21561	106.80000	-6.21865	106.78	-11.424E-12	-154.73E-6	3.0945E-9		
1	Grid	88.05655	54.21561	106.80000	-4.75408	106.78	-10.498E-12	-147.17E-6	2.9434E-9		
1	Grid	90.05173	54.21561	106.80000	-4.03704	106.78	-9.6556E-12	-140.07E-6	2.8013E-9		
1	Grid	92.04691	54.21561	106.80000	-3.54311	106.78	-8.8922E-12	-133.38E-6	2.6677E-9		
1	Grid	94.04209	54.21561	106.80000	-3.15559	106.78	-8.1961E-12	-127.09E-6	2.5419E-9		
1	Grid	96.03727	54.21561	106.80000	-2.83139	106.78	-7.5639E-12	-121.17E-6	2.4234E-9		
1	Grid	98.03245	54.21561	106.80000	-2.55046	106.78	-6.9877E-12	-115.59E-6	2.3119E-9		
1	Grid	100.02763	54.21561	106.80000	-2.30208	106.78	-6.4582E-12	-110.33E-6	2.2066E-9		
1	Grid	102.02281	54.21561	106.80000	-2.07990	106.78	-5.9792E-12	-105.37E-6	2.1074E-9		
1	Grid	104.01799	54.21561	106.80000	-1.87979	106.78	-5.5382E-12	-100.69E-6	2.0137E-9		
1	Grid	106.01317	54.21561	106.80000	-1.69885	106.78	-5.1359E-12	-96.263E-6	1.9253E-9		
1	Grid	108.00835	54.21561	106.80000	-1.53485	106.78	-4.7655E-12	-92.083E-6	1.8417E-9		
1	Grid	110.00353	54.21561	106.80000	-1.38603	106.78	-4.4265E-12	-88.131E-6	1.7626E-9		
1	Grid	111.99871	54.21561	106.80000	-1.25086	106.78	-4.1154E-12	-84.392E-6	1.6878E-9		
1	Grid	113.99388	54.21561	106.80000	-1.12807	106.78	-3.8309E-12	-80.853E-6	1.6171E-9		
1	Grid	115.98906	54.21561	106.80000	-1.01649	106.78	-3.5671E-12	-77.501E-6	1.5500E-9		
1	Grid	117.98424	54.21561	106.80000	-0.91511	106.78	-3.3240E-12	-74.325E-6	1.4865E-9		
1	Grid	119.97942	54.21561	106.80000	-0.82301	106.78	-3.1009E-12	-71.314E-6	1.4263E-9		
1	Grid	121.97460	54.21561	106.80000	-0.73937	106.78	-2.8957E-12	-68.456E-6	1.3691E-9		
1	Grid	123.96978	54.21561	106.80000	-0.66344	106.78	-2.7072E-12	-65.745E-6	1.3149E-9		
1	Grid	125.96496	54.21561	106.80000	-0.59453	106.78	-2.5293E-12	-63.169E-6	1.2634E-9		
1	Grid	127.96014	54.21561	106.80000	-0.53204	106.78	-2.3714E-12	-60.722E-6	1.2144E-9		
1	Grid	129.95532	54.21561	106.80000	-0.47540	106.78	-2.2182E-12	-58.395E-6	1.1679E-9		
1	Grid	131.95050	54.21561	106.80000	-0.42410	106.78	-2.0790E-12	-56.182E-6	1.1236E-9		
1	Grid	133.94568	54.21561	106.80000	-0.37766	106.78	-1.9491E-12	-54.076E-6	1.0815E-9		
1	Grid	135.94086	54.21561	106.80000	-0.33566	106.78	-1.8312E-12	-52.071E-6	1.0414E-9		
1	Grid	137.93604	54.21561	106.80000	-0.29771	106.78	-1.7186E-12	-50.161E-6	1.0032E-9		
1	Grid	139.93122	54.21561	106.80000	-0.26344	106.78	-1.6147E-12	-48.340E-6	966.81E-12		
1	Grid	141.92640	54.21561	106.80000	-0.23252	106.78	-1.5181E-12	-46.604E-6	932.09E-12		
1	Grid	143.92158	54.21561	106.80000	-0.20465	106.78	-1.4315E-12	-44.948E-6	898.97E-12		
1	Grid	145.91676	54.21561	106.80000	-0.17955	106.78	-1.3456E-12	-43.368E-6	867.35E-12		
1	Grid	147.91194	54.21561	106.80000	-0.15696	106.78	-1.2683E-12	-41.858E-6	837.17E-12		
1	Grid	149.90712	54.21561	106.80000	-0.13665	106.78	-1.1964E-12	-40.417E-6	808.33E-12		
1	Grid	151.90230	54.21561	106.80000	-0.11841	106.78	-1.1298E-12	-39.039E-6	780.77E-12		
1	Grid	153.89748	54.21561	106.80000	-0.10205	106.78	-1.0678E-12	-37.721E-6	754.42E-12		
1	Grid	155.89266	54.21561	106.80000	-0.08737	106.78	-1.0085E-12	-36.461E-6	729.22E-12		
1	Grid	157.88784	54.21561	106.80000	-0.07423	106.78	0.0	-35.255E-6	705.10E-12		
1	Grid	159.88302	54.21561	106.80000	-0.06247	106.78	0.0	-34.100E-6	682.00E-12		
1	Grid	161.87820	54.21561	106.80000	-0.05196	106.78	0.0	-32.994E-6	659.89E-12		
1	Grid	163.87338	54.21561	106.80000	-0.04259	106.78	0.0	-31.935E-6	638.69E-12		
1	Grid	165.86856	54.21561	106.80000	-0.03421	106.78	0.0	-30.919E-6	618.38E-12		
1	Grid	167.86374	54.21561	106.80000	-0.02675	106.78	0.0	-29.945E-6	598.90E-12		
1	Grid	169.85892	54.21561	106.80000	-0.02012	106.78	0.0	-29.011E-6	580.22E-12		
1	Grid	171.85410	54.21561	106.80000	-0.01424	106.78	0.0	-28.114E-6	562.29E-12		
1	Grid	173.84928	54.21561	106.80000	-0.00901	106.78	0.0	-27.254E-6	545.08E-12		
1	Grid	175.84446	54.21561	106.80000	-0.00439	106.78	0.0	-26.427E-6	528.55E-12		
1	Grid	177.83964	54.21561	106.80000	-0.00031	106.78	0.0	-25.633E-6	512.66E-12		
1	Grid	179.83482	54.21561	106.80000	0.00329	106.78	0.0	-24.870E-6	497.40E-12		
1	Grid	181.83000	54.21561	106.80000	0.00646	106.78	0.0	-24.136E-6	482.73E-12		
1	Grid	-95.50000	56.09036	106.80000	0.01896	106.78	-11.727E-12	-156.50E-6	3.1301E-9		
1	Grid	-93.50482	56.09036	106.80000	0.01809	106.78	-12.772E-12	-164.61E-6	3.2922E-9		
1	Grid	-91.50964	56.09036	106.80000	0.01708	106.78	-13.928E-12	-173.24E-6	3.4647E-9		
1	Grid	-89.51446	56.09036	106.80000	0.01592	106.78	-15.203E-12	-182.42E-6	3.6484E-9		
1	Grid	-87.51928	56.09036	106.80000	0.01460	106.78	-16.611E-12	-192.20E-6	3.8440E-9		
1	Grid	-85.52410	56.09036	106.80000	0.01309	106.78	-18.167E-12	-202.62E-6	4.0524E-9		
1	Grid	-83.52892	56.09036	106.80000	0.01136	106.78	-19.893E-12	-213.73E-6	4.2746E-9		
1	Grid	-81.53374	56.09036	106.80000	0.00946	106.78	-21.805E-12	-225.57E-6	4.5115E-9		
1	Grid	-79.53856	56.09036	106.80000	0.00730	106.78	-23.921E-12	-238.20E-6	4.7641E-9		
1	Grid	-77.54338	56.09036	106.80000	0.00489	106.78	-26.272E-12	-251.68E-6	5.0336E-9		
1	Grid	-75.54820	56.09036	106.80000	0.00220	106.78	-28.878E-12	-266.05E-6	5.3211E-9		
1	Grid	-73.55302	56.09036	106.80000	-0.00078	106.78	-31.774E-12	-281.39E-6	5.6278E-9		
1	Grid	-71.55784	56.09036	106.80000	-0.00408	106.78	-34.990E-12	-297.75E-6	5.9550E-9		
1	Grid	-69.56266	56.09036	106.80000	-0.00772	106.78	-38.565E-12	-315.21E-6	6.3041E-9		
1	Grid	-67.56748	56.09036	106.80000	-0.01173	106.78	-42.539E-12	-333.82E-6	6.6764E-9		
1	Grid	-65.57230	56.09036	106.80000	-0.01613	106.78	-46.956E-12	-353.66E-6	7.0732E-9		
1	Grid	-63.57712	56.09036	106.80000	-0.02093	106.78	-51.863E-12	-374.81E-6	7.4961E-9		
1	Grid	-61.58194	56.09036	106.80000	-0.02618	106.78	-57.313E-12	-397.32E-6	7.9463E-9		
1	Grid	-59.58676	56.09036	106.80000	-0.03188	106.78	-63.363E-12	-421.26E-6	8.4253E-9		
1	Grid	-57.59158	56.09036	106.80000	-0.03806	106.78	-70.074E-12	-446.71E-6	8.9342E-9		
1	Grid	-55.59640	56.09036	106.80000	-0.04473	106.78	-77.503E-12	-473.72E-6	9.4743E-9		
1	Grid	-53.60122	56.09036	106.80000	-0.05192	106.78	-85.715E-12	-502.22E-6	10.0466E-9		
1											

Oasys
Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	66.10957	56.09036	106.80000	-3.08335	106.78	-26.464E-12	-254.055E-6	5.0811E-9
1	Grid	68.10475	56.09036	106.80000	-3.53181	106.78	-24.115E-12	-240.52E-6	4.8105E-9
1	Grid	70.09993	56.09036	106.80000	-4.10903	106.78	-21.996E-12	-227.83E-6	4.5567E-9
1	Grid	72.09511	56.09036	106.80000	-4.94949	106.78	-20.082E-12	-215.93E-6	4.3185E-9
1	Grid	74.09029	56.09036	106.80000	-6.68244	106.78	-18.353E-12	-204.75E-6	4.0951E-9
1	Grid	76.0847	56.09036	106.80000	-10.76506	106.78	-16.788E-12	-194.27E-6	3.8853E-9
1	Grid	78.08065	56.09036	106.80000	-11.81069	106.78	-15.371E-12	-184.42E-6	3.6884E-9
1	Grid	80.07583	56.09036	106.80000	-12.20049	106.78	-14.091E-12	-175.17E-6	3.5034E-9
1	Grid	82.07101	56.09036	106.80000	-12.18961	106.78	-12.930E-12	-166.48E-6	3.3295E-9
1	Grid	84.06619	56.09036	106.80000	-11.74381	106.78	-11.874E-12	-158.31E-6	3.1661E-9
1	Grid	86.06137	56.09036	106.80000	-10.40210	106.78	-10.918E-12	-150.62E-6	3.0124E-9
1	Grid	88.05655	56.09036	106.80000	-5.99799	106.78	-10.049E-12	-143.39E-6	2.8678E-9
1	Grid	90.05173	56.09036	106.80000	-4.66904	106.78	-9.2553E-12	-136.58E-6	2.7316E-9
1	Grid	92.04691	56.09036	106.80000	-3.95248	106.78	-8.5358E-12	-130.17E-6	2.6034E-9
1	Grid	94.04209	56.09036	106.80000	-3.44797	106.78	-7.8770E-12	-124.13E-6	2.4825E-9
1	Grid	96.03727	56.09036	106.80000	-3.05213	106.78	-7.2802E-12	-118.43E-6	2.3686E-9
1	Grid	98.03245	56.09036	106.80000	-2.72360	106.78	-6.7326E-12	-113.05E-6	2.2611E-9
1	Grid	100.02763	56.09036	106.80000	-2.44194	106.78	-6.2290E-12	-107.98E-6	2.1596E-9
1	Grid	102.02281	56.09036	106.80000	-2.19557	106.78	-5.7734E-12	-103.19E-6	2.0638E-9
1	Grid	104.01799	56.09036	106.80000	-1.97730	106.78	-5.3524E-12	-98.665E-6	1.9733E-9
1	Grid	106.01317	56.09036	106.80000	-1.78231	106.78	-4.9680E-12	-94.386E-6	1.8877E-9
1	Grid	108.00835	56.09036	106.80000	-1.60715	106.78	-4.6136E-12	-90.339E-6	1.8068E-9
1	Grid	110.00353	56.09036	106.80000	-1.44922	106.78	-4.2919E-12	-86.509E-6	1.7302E-9
1	Grid	111.99871	56.09036	106.80000	-1.30647	106.78	-3.9941E-12	-82.883E-6	1.6577E-9
1	Grid	113.99388	56.09036	106.80000	-1.17724	106.78	-3.7197E-12	-79.447E-6	1.5889E-9
1	Grid	115.98906	56.09036	106.80000	-1.06156	106.78	-3.4659E-12	-76.190E-6	1.5238E-9
1	Grid	117.98424	56.09036	106.80000	-0.95388	106.78	-3.2341E-12	-73.101E-6	1.4620E-9
1	Grid	119.97942	56.09036	106.80000	-0.85752	106.78	-3.0176E-12	-70.171E-6	1.4034E-9
1	Grid	121.97460	56.09036	106.80000	-0.77009	106.78	-2.8204E-12	-67.388E-6	1.3478E-9
1	Grid	123.96978	56.09036	106.80000	-0.69078	106.78	-2.6386E-12	-64.746E-6	1.2949E-9
1	Grid	125.96496	56.09036	106.80000	-0.61896	106.78	-2.4700E-12	-62.234E-6	1.2447E-9
1	Grid	127.96014	56.09036	106.80000	-0.55367	106.78	-2.3115E-12	-59.846E-6	1.1969E-9
1	Grid	129.95532	56.09036	106.80000	-0.49462	106.78	-2.1663E-12	-57.574E-6	1.1515E-9
1	Grid	131.95050	56.09036	106.80000	-0.44115	106.78	-2.0304E-12	-55.412E-6	1.1082E-9
1	Grid	133.94568	56.09036	106.80000	-0.39277	106.78	-1.9071E-12	-53.353E-6	1.0671E-9
1	Grid	135.94086	56.09036	106.80000	-0.34904	106.78	-1.7912E-12	-51.392E-6	1.0278E-9
1	Grid	137.93604	56.09036	106.80000	-0.30954	106.78	-1.6833E-12	-49.523E-6	990.45E-12
1	Grid	139.93122	56.09036	106.80000	-0.27389	106.78	-1.5841E-12	-47.740E-6	954.80E-12
1	Grid	141.92640	56.09036	106.80000	-0.24175	106.78	-1.4888E-12	-46.039E-6	920.79E-12
1	Grid	143.92158	56.09036	106.80000	-0.21279	106.78	-1.4015E-12	-44.416E-6	888.32E-12
1	Grid	145.91676	56.09036	106.80000	-0.18672	106.78	-1.3216E-12	-42.866E-6	857.32E-12
1	Grid	147.91194	56.09036	106.80000	-0.16328	106.78	-1.2450E-12	-41.385E-6	827.71E-12
1	Grid	149.90712	56.09036	106.80000	-0.14221	106.78	-1.1784E-12	-39.970E-6	799.41E-12
1	Grid	151.90230	56.09036	106.80000	-0.12330	106.78	-1.1078E-12	-38.617E-6	772.35E-12
1	Grid	153.89748	56.09036	106.80000	-0.10635	106.78	-1.0478E-12	-37.323E-6	746.46E-12
1	Grid	155.89266	56.09036	106.80000	-0.09145	106.78	-0.9915E-12	-36.055E-6	721.69E-12
1	Grid	157.88784	56.09036	106.80000	-0.07755	106.78	0.0	-34.899E-6	697.98E-12
1	Grid	159.88302	56.09036	106.80000	-0.06539	106.78	0.0	-33.764E-6	675.27E-12
1	Grid	161.87820	56.09036	106.80000	-0.05453	106.78	0.0	-32.676E-6	653.51E-12
1	Grid	163.87338	56.09036	106.80000	-0.04483	106.78	0.0	-31.633E-6	632.66E-12
1	Grid	165.86856	56.09036	106.80000	-0.03619	106.78	0.0	-30.633E-6	612.66E-12
1	Grid	167.86374	56.09036	106.80000	-0.02850	106.78	0.0	-29.674E-6	593.48E-12
1	Grid	169.85892	56.09036	106.80000	-0.02166	106.78	0.0	-28.754E-6	575.07E-12
1	Grid	171.85410	56.09036	106.80000	-0.01558	106.78	0.0	-27.870E-6	557.40E-12
1	Grid	173.84928	56.09036	106.80000	-0.01020	106.78	0.0	-27.022E-6	540.43E-12
1	Grid	175.84446	56.09036	106.80000	-0.00545	106.78	0.0	-26.203E-6	524.13E-12
1	Grid	177.83964	56.09036	106.80000	-0.00122	106.78	0.0	-25.424E-6	508.47E-12
1	Grid	179.83482	56.09036	106.80000	-0.00249	106.78	0.0	-24.671E-6	493.41E-12
1	Grid	181.83000	56.09036	106.80000	-0.00575	106.78	0.0	-23.947E-6	478.93E-12
1	Grid	-95.50000	57.96511	106.80000	-0.01956	106.78	-11.184E-12	-152.19E-6	3.0437E-9
1	Grid	-93.50518	57.96511	106.80000	-0.01788	106.78	-12.163E-12	-159.52E-6	3.1983E-9
1	Grid	-91.50964	57.96511	106.80000	-0.01788	106.78	-13.241E-12	-168.13E-6	3.3625E-9
1	Grid	-89.51446	57.96511	106.80000	-0.01684	106.78	-14.426E-12	-176.85E-6	3.5371E-9
1	Grid	-87.51928	57.96511	106.80000	-0.01564	106.78	-15.733E-12	-186.13E-6	3.7227E-9
1	Grid	-85.52410	57.96511	106.80000	-0.01428	106.78	-17.177E-12	-196.00E-6	3.9201E-9
1	Grid	-83.52892	57.96511	106.80000	-0.01274	106.78	-18.768E-12	-206.55E-6	4.1300E-9
1	Grid	-81.53374	57.96511	106.80000	-0.01100	106.78	-20.524E-12	-217.67E-6	4.3534E-9
1	Grid	-79.53856	57.96511	106.80000	-0.00905	106.78	-22.469E-12	-229.56E-6	4.5912E-9
1	Grid	-77.54338	57.96511	106.80000	-0.00686	106.78	-24.614E-12	-242.21E-6	4.8442E-9
1	Grid	-75.54820	57.96511	106.80000	-0.00444	106.78	-26.991E-12	-255.68E-6	5.1136E-9
1	Grid	-73.55302	57.96511	106.80000	-0.00193	106.78	-29.621E-12	-270.01E-6	5.4002E-9
1	Grid	-71.55784	57.96511	106.80000	-0.00124	106.78	-32.526E-12	-285.26E-6	5.7052E-9
1	Grid	-69.56266	57.96511	106.80000	-0.00453	106.78	-35.748E-12	-301.48E-6	6.0297E-9
1	Grid	-67.56748	57.96511	106.80000	-0.00814	106.78	-39.313E-12	-318.74E-6	6.3747E-9
1	Grid	-65.57230	57.96511	106.80000	-0.01210	106.78	-43.257E-12	-337.07E-6	6.7415E-9
1	Grid	-63.57712	57.96511	106.80000	-0.01642	106.78	-47.619E-12	-356.55E-6	7.1310E-9
1	Grid	-61.58194	57.96511	106.80000	-0.02113	106.78	-52.439E-12	-377.22E-6	7.5444E-9
1	Grid	-59.58676	57.96511	106.80000	-0.02624	106.78	-57.764E-12	-399.14E-6	7.9827E-9
1	Grid	-57.59158	57.96511	106.80000	-0.03177	106.78	-63.637E-12	-422.34E-6	8.4468E-9
1	Grid	-55.59640	57.96511	106.80000	-0.03773	106.78	-70.104E-12	-446.87E-6	8.9375E-9
1	Grid	-53.60122	57.96511	106.80000	-0.04414	106.78	-77.216E-12	-472.77E-6	9.4533E-9
1	Grid	-51.60604	57.96511	106.80000	-0.05100	106.78	-85.020E-12	-500.04E-6	10.001E-9
1	Grid	-49.61086	57.96511	106.80000	-0.05832	106.78	-93.552E-12	-528.69E-6	10.574E-9
1	Grid	-47.61568	57.96511	106.80000	-0.06610	106.78	-102.86E-12	-558.71E-6	11.174E-9
1	Grid	-45.62050	57.96511	106.80000	-0.07433	106.78	-112.96E-12	-590.05E-6	11.801E-9
1	Grid	-43.62532	57.96511	106.80000	-0.08301	106.78	-123.90E-12	-622.75E-6	12.453E-9
1	Grid	-41.63014	57.96511	106.80000	-0.09210	106.78	-135.66E-12	-656.45E-6	13.129E-9
1	Grid	-39.63496	57.96511	106.80000	-0.10158	106.78	-148.24E-12	-691.28E-6	13.826E-9
1	Grid	-37.63978	57.96511	106.80000	-0.11142	106.78	-161.60E-12	-726.98E-6	14.540E-9
1	Grid	-35.64460	57.96511	106.80000	-0.12158	106.78	-175.69E-12	-763.35E-6	15.267E-9
1	Grid	-33.64942	57.96511	106.80000	-0.13199	106.78	-190.42E-12	-800.14E-6	16.003E-9
1	Grid	-31.65424	57.96511	106.80000	-0.14259	106.78	-205.66E-12	-837.06E-6	16.741E-9
1	Grid	-29.65906	57.96511	106.80000	-0.15332	106.78	-221.26E-12	-873.75E-6	17.475E-9
1	Grid	-27.66388	57.96511	106.80000	-0.16409	106.78	-237.03E-12	-909.85E-6	18.197E-9
1	Grid	-25.66871	57.96511	106.80000	-0.17481	106.78	-252.75E-12	-944.94E-6	18.899E-9
1	Grid	-23.67353	57.96511	106.80000	-0.18541	106.78	-268.15E-12	-978.75E-6	19.571E-9
1	Grid	-21.67835	57.96511	106.80000	-0.19579	106.78	-282.98E-12	-0.0010103	20.206E-9
1	Grid	-19.68317	57.96511	106.80000	-0.20585	106.78	-296.94E-12	-0.0010397	20.793E-9
1	Grid	-17.68799	57.96511	106.80					

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.	
						3244			
						Drg. Ref.			
						Made by AC	Date	Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[MOD]	[mm]	[MOD]	[kN/m²]	[kN/m²]	[µ]
1	Grid	46.15777	57.96511	106.80000	-0.98051	106.78	-63.600E-12	-424.58E-6	8.4916E-9
1	Grid	48.15295	57.96511	106.80000	-1.10293	106.78	-57.777E-12	-401.43E-6	8.0287E-9
1	Grid	50.14813	57.96511	106.80000	-1.24350	106.78	-52.494E-12	-379.56E-6	7.5911E-9
1	Grid	52.14331	57.96511	106.80000	-1.40454	106.78	-47.707E-12	-358.91E-6	7.1782E-9
1	Grid	54.13849	57.96511	106.80000	-1.58873	106.78	-43.371E-12	-339.44E-6	6.7889E-9
1	Grid	56.13367	57.96511	106.80000	-1.79937	106.78	-39.450E-12	-321.10E-6	6.4221E-9
1	Grid	58.12885	57.96511	106.80000	-2.04073	106.78	-35.903E-12	-303.84E-6	6.0768E-9
1	Grid	60.12403	57.96511	106.80000	-2.31874	106.78	-32.695E-12	-287.59E-6	5.7519E-9
1	Grid	62.11921	57.96511	106.80000	-2.64225	106.78	-29.791E-12	-272.31E-6	5.4462E-9
1	Grid	64.11439	57.96511	106.80000	-3.02563	106.78	-27.166E-12	-257.94E-6	5.1588E-9
1	Grid	66.10957	57.96511	106.80000	-3.49468	106.78	-24.792E-12	-244.43E-6	4.8887E-9
1	Grid	68.10475	57.96511	106.80000	-4.10327	106.78	-22.645E-12	-231.73E-6	4.6346E-9
1	Grid	70.09993	57.96511	106.80000	-4.99599	106.78	-20.702E-12	-219.79E-6	4.3958E-9
1	Grid	72.09511	57.96511	106.80000	-6.87056	106.78	-18.940E-12	-208.57E-6	4.1713E-9
1	Grid	74.09029	57.96511	106.80000	-10.95574	106.78	-17.346E-12	-198.01E-6	3.9602E-9
1	Grid	76.08547	57.96511	106.80000	-12.06291	106.78	-15.899E-12	-188.08E-6	3.7616E-9
1	Grid	78.08065	57.96511	106.80000	-12.59431	106.78	-14.586E-12	-178.74E-6	3.5748E-9
1	Grid	80.07583	57.96511	106.80000	-12.82278	106.78	-13.393E-12	-169.95E-6	3.3991E-9
1	Grid	82.07101	57.96511	106.80000	-12.80540	106.78	-12.308E-12	-161.68E-6	3.2336E-9
1	Grid	84.06619	57.96511	106.80000	-12.52293	106.78	-11.322E-12	-153.89E-6	3.0778E-9
1	Grid	86.06137	57.96511	106.80000	-11.85007	106.78	-10.427E-12	-146.55E-6	2.9311E-9
1	Grid	88.05655	57.96511	106.80000	-10.10835	106.78	-9.6090E-12	-139.64E-6	2.7928E-9
1	Grid	90.05173	57.96511	106.80000	-5.77426	106.78	-8.8629E-12	-133.12E-6	2.6624E-9
1	Grid	92.04691	57.96511	106.80000	-4.56091	106.78	-8.1841E-12	-126.97E-6	2.5394E-9
1	Grid	94.04209	57.96511	106.80000	-3.85865	106.78	-7.5659E-12	-121.17E-6	2.4234E-9
1	Grid	96.03727	57.96511	106.80000	-3.35430	106.78	-6.9991E-12	-115.69E-6	2.3139E-9
1	Grid	98.03245	57.96511	106.80000	-2.95705	106.78	-6.4795E-12	-110.52E-6	2.2104E-9
1	Grid	100.02763	57.96511	106.80000	-2.62828	106.78	-6.0059E-12	-105.63E-6	2.1127E-9
1	Grid	102.02281	57.96511	106.80000	-2.34792	106.78	-5.5689E-12	-101.01E-6	2.0203E-9
1	Grid	104.01799	57.96511	106.80000	-2.10420	106.78	-5.1705E-12	-96.642E-6	1.9328E-9
1	Grid	106.01317	57.96511	106.80000	-1.88957	106.78	-4.8048E-12	-92.506E-6	1.8501E-9
1	Grid	108.00835	57.96511	106.80000	-1.69888	106.78	-4.4671E-12	-88.591E-6	1.7718E-9
1	Grid	110.00353	57.96511	106.80000	-1.52837	106.78	-4.1560E-12	-84.881E-6	1.6976E-9
1	Grid	111.99871	57.96511	106.80000	-1.37526	106.78	-3.8709E-12	-81.366E-6	1.6273E-9
1	Grid	113.99388	57.96511	106.80000	-1.23732	106.78	-3.6084E-12	-78.033E-6	1.5607E-9
1	Grid	115.98906	57.96511	106.80000	-1.11280	106.78	-3.3653E-12	-74.871E-6	1.4974E-9
1	Grid	117.98424	57.96511	106.80000	-1.00021	106.78	-3.1415E-12	-71.869E-6	1.4374E-9
1	Grid	119.97942	57.96511	106.80000	-0.89832	106.78	-2.9363E-12	-69.019E-6	1.3804E-9
1	Grid	121.97460	57.96511	106.80000	-0.80607	106.78	-2.7451E-12	-66.311E-6	1.3262E-9
1	Grid	123.96978	57.96511	106.80000	-0.72252	106.78	-2.5706E-12	-63.738E-6	1.2748E-9
1	Grid	125.96496	57.96511	106.80000	-0.64856	106.78	-2.4054E-12	-61.290E-6	1.2258E-9
1	Grid	127.96014	57.96511	106.80000	-0.57836	106.78	-2.2542E-12	-58.961E-6	1.1792E-9
1	Grid	129.95532	57.96511	106.80000	-0.51637	106.78	-2.1143E-12	-56.744E-6	1.1349E-9
1	Grid	131.95050	57.96511	106.80000	-0.46031	106.78	-1.9844E-12	-54.633E-6	1.0927E-9
1	Grid	133.94568	57.96511	106.80000	-0.40964	106.78	-1.8645E-12	-52.622E-6	1.0524E-9
1	Grid	135.94086	57.96511	106.80000	-0.36387	106.78	-1.7513E-12	-50.704E-6	1.0141E-9
1	Grid	137.93604	57.96511	106.80000	-0.32257	106.78	-1.6467E-12	-48.876E-6	977.52E-12
1	Grid	139.93122	57.96511	106.80000	-0.28533	106.78	-1.5501E-12	-47.131E-6	942.63E-12
1	Grid	141.92640	57.96511	106.80000	-0.25179	106.78	-1.4582E-12	-45.466E-6	909.32E-12
1	Grid	143.92158	57.96511	106.80000	-0.22159	106.78	-1.3749E-12	-43.876E-6	877.52E-12
1	Grid	145.91676	57.96511	106.80000	-0.19444	106.78	-1.2963E-12	-42.357E-6	847.14E-12
1	Grid	147.91194	57.96511	106.80000	-0.17004	106.78	-1.2204E-12	-40.905E-6	818.10E-12
1	Grid	149.90712	57.96511	106.80000	-0.14813	106.78	-1.1531E-12	-39.517E-6	790.34E-12
1	Grid	151.90230	57.96511	106.80000	-0.12849	106.78	-1.0891E-12	-38.189E-6	763.78E-12
1	Grid	153.89748	57.96511	106.80000	-0.11089	106.78	-1.0298E-12	-36.918E-6	738.37E-12
1	Grid	155.89266	57.96511	106.80000	-0.09513	106.78	0.0	-35.702E-6	714.04E-12
1	Grid	157.88784	57.96511	106.80000	-0.08103	106.78	0.0	-34.537E-6	690.74E-12
1	Grid	159.88302	57.96511	106.80000	-0.06844	106.78	0.0	-33.421E-6	668.42E-12
1	Grid	161.87820	57.96511	106.80000	-0.05720	106.78	0.0	-32.351E-6	647.02E-12
1	Grid	163.87338	57.96511	106.80000	-0.04717	106.78	0.0	-31.325E-6	626.50E-12
1	Grid	165.86856	57.96511	106.80000	-0.03824	106.78	0.0	-30.341E-6	606.83E-12
1	Grid	167.86374	57.96511	106.80000	-0.03029	106.78	0.0	-29.397E-6	587.94E-12
1	Grid	169.85892	57.96511	106.80000	-0.02323	106.78	0.0	-28.491E-6	569.82E-12
1	Grid	171.85410	57.96511	106.80000	-0.01696	106.78	0.0	-27.621E-6	552.42E-12
1	Grid	173.84928	57.96511	106.80000	-0.01141	106.78	0.0	-26.785E-6	535.70E-12
1	Grid	175.84446	57.96511	106.80000	-0.00650	106.78	0.0	-25.982E-6	519.63E-12
1	Grid	177.83964	57.96511	106.80000	-0.00216	106.78	0.0	-25.209E-6	504.19E-12
1	Grid	179.83482	57.96511	106.80000	-0.00167	106.78	0.0	-24.467E-6	489.34E-12
1	Grid	181.83000	57.96511	106.80000	0.00503	106.78	0.0	-23.753E-6	475.06E-12
1	Grid	-95.50000	59.83986	106.80000	0.02013	106.78	-10.665E-12	-147.92E-6	2.9584E-9
1	Grid	-93.50482	59.83986	106.80000	0.01944	106.78	-11.577E-12	-155.29E-6	3.1057E-9
1	Grid	-91.50964	59.83986	106.80000	0.01863	106.78	-12.578E-12	-163.10E-6	3.2620E-9
1	Grid	-89.51446	59.83986	106.80000	0.01770	106.78	-13.681E-12	-171.39E-6	3.4278E-9
1	Grid	-87.51928	59.83986	106.80000	0.01663	106.78	-14.895E-12	-180.19E-6	3.6037E-9
1	Grid	-85.52410	59.83986	106.80000	0.01540	106.78	-16.229E-12	-189.53E-6	3.7905E-9
1	Grid	-83.52892	59.83986	106.80000	0.01401	106.78	-17.693E-12	-199.44E-6	3.9888E-9
1	Grid	-81.53374	59.83986	106.80					



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	26.20597	59.83986	106.80000	-0.37807	106.78	-139.85E-12	-671.87E-6	13.437E-9
1	Grid	28.20115	59.83986	106.80000	-0.40602	106.78	-128.91E-12	-640.75E-6	12.815E-9
1	Grid	30.19633	59.83986	106.80000	-0.43920	106.78	-118.56E-12	-610.26E-6	12.205E-9
1	Grid	32.19151	59.83986	106.80000	-0.47840	106.78	-108.82E-12	-580.56E-6	11.611E-9
1	Grid	34.18669	59.83986	106.80000	-0.52459	106.78	-99.712E-12	-551.76E-6	11.035E-9
1	Grid	36.18187	59.83986	106.80000	-0.57882	106.78	-91.244E-12	-523.95E-6	10.479E-9
1	Grid	38.17705	59.83986	106.80000	-0.64233	106.78	-83.397E-12	-497.21E-6	9.9442E-9
1	Grid	40.17223	59.83986	106.80000	-0.71653	106.78	-76.154E-12	-471.57E-6	9.4314E-9
1	Grid	42.16741	59.83986	106.80000	-0.80306	106.78	-69.496E-12	-447.06E-6	8.9413E-9
1	Grid	44.16259	59.83986	106.80000	-0.90377	106.78	-63.389E-12	-423.69E-6	8.4739E-9
1	Grid	46.15777	59.83986	106.80000	-1.02079	106.78	-57.800E-12	-401.46E-6	8.0292E-9
1	Grid	48.15295	59.83986	106.80000	-1.15652	106.78	-52.696E-12	-380.34E-6	7.6068E-9
1	Grid	50.14813	59.83986	106.80000	-1.31368	106.78	-48.043E-12	-360.32E-6	7.2064E-9
1	Grid	52.14331	59.83986	106.80000	-1.49540	106.78	-43.807E-12	-341.36E-6	6.8272E-9
1	Grid	54.13849	59.83986	106.80000	-1.70541	106.78	-39.952E-12	-323.43E-6	6.4686E-9
1	Grid	56.13367	59.83986	106.80000	-1.94846	106.78	-36.449E-12	-306.49E-6	6.1298E-9
1	Grid	58.12885	59.83986	106.80000	-2.23088	106.78	-33.267E-12	-290.49E-6	5.8098E-9
1	Grid	60.12403	59.83986	106.80000	-2.56218	106.78	-30.379E-12	-275.40E-6	5.5080E-9
1	Grid	62.11921	59.83986	106.80000	-2.95759	106.78	-27.756E-12	-261.17E-6	5.2233E-9
1	Grid	64.11439	59.83986	106.80000	-3.44441	106.78	-25.374E-12	-247.75E-6	4.9549E-9
1	Grid	66.10957	59.83986	106.80000	-4.07661	106.78	-23.215E-12	-235.10E-6	4.7020E-9
1	Grid	68.10475	59.83986	106.80000	-5.01709	106.78	-21.253E-12	-223.19E-6	4.4637E-9
1	Grid	70.09993	59.83986	106.80000	-7.03090	106.78	-19.469E-12	-211.96E-6	4.2392E-9
1	Grid	72.09511	59.83986	106.80000	-11.07883	106.78	-17.851E-12	-201.38E-6	4.0276E-9
1	Grid	74.09029	59.83986	106.80000	-12.21058	106.78	-16.380E-12	-191.41E-6	3.8283E-9
1	Grid	76.08547	59.83986	106.80000	-14.00047	106.78	-15.044E-12	-182.42E-6	3.6404E-9
1	Grid	78.08065	59.83986	106.80000	-15.15868	106.78	-13.825E-12	-173.17E-6	3.4634E-9
1	Grid	80.07583	59.83986	106.80000	-13.31264	106.78	-12.717E-12	-164.82E-6	3.2965E-9
1	Grid	82.07101	59.83986	106.80000	-13.29551	106.78	-11.709E-12	-156.96E-6	3.1391E-9
1	Grid	84.06619	59.83986	106.80000	-13.09554	106.78	-10.791E-12	-149.54E-6	2.9907E-9
1	Grid	86.06137	59.83986	106.80000	-12.66048	106.78	-9.9520E-12	-142.54E-6	2.8507E-9
1	Grid	88.05655	59.83986	106.80000	-11.82351	106.78	-9.1860E-12	-135.93E-6	2.7186E-9
1	Grid	90.05173	59.83986	106.80000	-9.57918	106.78	-8.4872E-12	-129.69E-6	2.5938E-9
1	Grid	92.04691	59.83986	106.80000	-5.55853	106.78	-7.8457E-12	-123.80E-6	2.4760E-9
1	Grid	94.04209	59.83986	106.80000	-4.44274	106.78	-7.2615E-12	-118.23E-6	2.3647E-9
1	Grid	96.03727	59.83986	106.80000	-3.76846	106.78	-6.7240E-12	-112.17E-6	2.2595E-9
1	Grid	98.03245	59.83986	106.80000	-3.26245	106.78	-6.2330E-12	-108.00E-6	2.1600E-9
1	Grid	100.02763	59.83986	106.80000	-2.86785	106.78	-5.7840E-12	-103.29E-6	2.0659E-9
1	Grid	102.02281	59.83986	106.80000	-2.54128	106.78	-5.3704E-12	-98.839E-6	1.9768E-9
1	Grid	104.01799	59.83986	106.80000	-2.26350	106.78	-4.9900E-12	-94.622E-6	1.8924E-9
1	Grid	106.01317	59.83986	106.80000	-2.02285	106.78	-4.6416E-12	-90.627E-6	1.8125E-9
1	Grid	108.00835	59.83986	106.80000	-1.81172	106.78	-4.3192E-12	-86.841E-6	1.7368E-9
1	Grid	110.00353	59.83986	106.80000	-1.62481	106.78	-4.0214E-12	-83.251E-6	1.6650E-9
1	Grid	111.99871	59.83986	106.80000	-1.45827	106.78	-3.7517E-12	-79.846E-6	1.5969E-9
1	Grid	113.99389	59.83986	106.80000	-1.30918	106.78	-3.4992E-12	-76.614E-6	1.5323E-9
1	Grid	115.98906	59.83986	106.80000	-1.17525	106.78	-3.2667E-12	-73.546E-6	1.4709E-9
1	Grid	117.98424	59.83986	106.80000	-1.05465	106.78	-3.0529E-12	-70.631E-6	1.4126E-9
1	Grid	119.97942	59.83986	106.80000	-0.94588	106.78	-2.8531E-12	-67.861E-6	1.3572E-9
1	Grid	121.97460	59.83986	106.80000	-0.84766	106.78	-2.6725E-12	-65.227E-6	1.3045E-9
1	Grid	123.96978	59.83986	106.80000	-0.75892	106.78	-2.5027E-12	-62.722E-6	1.2544E-9
1	Grid	125.96496	59.83986	106.80000	-0.68626	106.78	-2.3441E-12	-60.338E-6	1.2068E-9
1	Grid	127.96014	59.83986	106.80000	-0.60626	106.78	-2.1989E-12	-58.069E-6	1.1614E-9
1	Grid	129.95532	59.83986	106.80000	-0.54079	106.78	-2.0624E-12	-55.907E-6	1.1181E-9
1	Grid	131.95050	59.83986	106.80000	-0.48167	106.78	-1.9371E-12	-53.847E-6	1.0769E-9
1	Grid	133.94568	59.83986	106.80000	-0.42831	106.78	-1.8205E-12	-51.883E-6	1.0377E-9
1	Grid	135.94086	59.83986	106.80000	-0.38019	106.78	-1.7113E-12	-49.994E-6	1.0009E-9
1	Grid	137.93604	59.83986	106.80000	-0.33683	106.78	-1.6094E-12	-48.222E-6	964.43E-12
1	Grid	139.93122	59.83986	106.80000	-0.29778	106.78	-1.5168E-12	-46.515E-6	930.31E-12
1	Grid	141.92640	59.83986	106.80000	-0.26264	106.78	-1.4269E-12	-44.886E-6	897.72E-12
1	Grid	143.92158	59.83986	106.80000	-0.23106	106.78	-1.3483E-12	-43.329E-6	866.58E-12
1	Grid	145.91676	59.83986	106.80000	-0.20265	106.78	-1.2697E-12	-41.841E-6	836.82E-12
1	Grid	147.91194	59.83986	106.80000	-0.17724	106.78	-1.1984E-12	-40.418E-6	808.36E-12
1	Grid	149.90712	59.83986	106.80000	-0.15441	106.78	-1.1324E-12	-39.057E-6	781.14E-12
1	Grid	151.90230	59.83986	106.80000	-0.13396	106.78	-1.0711E-12	-37.754E-6	755.09E-12
1	Grid	153.89748	59.83986	106.80000	-0.11566	106.78	-1.0085E-12	-36.507E-6	730.15E-12
1	Grid	155.89266	59.83986	106.80000	-0.09929	106.78	0.0	-35.313E-6	706.24E-12
1	Grid	157.88784	59.83986	106.80000	-0.08466	106.78	0.0	-34.169E-6	683.38E-12
1	Grid	159.88302	59.83986	106.80000	-0.07160	106.78	0.0	-33.072E-6	661.45E-12
1	Grid	161.87820	59.83986	106.80000	-0.05996	106.78	0.0	-32.021E-6	640.42E-12
1	Grid	163.87338	59.83986	106.80000	-0.04959	106.78	0.0	-31.012E-6	620.25E-12
1	Grid	165.86856	59.83986	106.80000	-0.04034	106.78	0.0	-30.045E-6	600.89E-12
1	Grid	167.86374	59.83986	106.80000	-0.03213	106.78	0.0	-29.116E-6	582.31E-12
1	Grid	169.85892	59.83986	106.80000	-0.02484	106.78	0.0	-28.224E-6	564.47E-12
1	Grid	171.85410	59.83986	106.80000	-0.01837	106.78	0.0	-27.367E-6	547.34E-12
1	Grid	173.84928	59.83986	106.80000	-0.01264	106.78	0.0	-26.544E-6	530.87E-12
1	Grid	175.84446	59.83986	106.80000	-0.00758	106.78	0.0	-25.744E-6	515.04E-12
1	Grid	177.83964	59.83986	106.80000	-0.00311	106.78	0.0	-24.991E-6	499.83E-12
1	Grid	179.83482	59.83986	106.80000	0.00083	106.78	0.0	-24.259E-6	485.19E-12
1	Grid	181.83000	59.83986	106.80000	0.00430	106.78	0.0	-23.555E-6	471.10E-12
1	Grid	183.82518	59.83986	106.80000	0.02067	106.78	-10.156E-12	-143.72E-6	2.8744E-9
1	Grid	185.82036	59.83986	106.80000	0.02026	106.78	-11.011E-12	-150.73E-6	3.0147E-9
1	Grid	187.81554	59.83986	106.80000	0.01934	106.78	-11.943E-12	-158.16E-6	3.1632E-9
1	Grid	189.81072	59.83986	106.80000	0.01851	106.78	-12.966E-12	-166.03E-6	3.3206E-9
1	Grid	191.80590	59.83986	106.80000	0.01755	106.78	-14.090E-12	-174.36E-6	3.4873E-9
1	Grid	193.80108	59.83986	106.80000	0.01646	106.78	-15.319E-12	-183.20E-6	3.6639E-9
1	Grid	195.79626	59.83986	106.80000	0.01521	106.78	-16.673E-12	-192.66E-6	3.8511E-9
1	Grid	197.79144	59.83986	106.80000	0.01381	106.78	-18.157E-12	-202.47E-6	4.0495E-9
1	Grid	199.78662	59.83986	106.80000	0.01223	106.78	-19.789E-12	-212.98E-6	4.2597E-9
1	Grid	201.78180	59.83986	106.80000	0.01046	106.78	-21.577E-12	-224.12E-6	4.4824E-9
1	Grid	203.77698	59.83986	106.80000	0.00849	106.78	-23.545E-12	-235.92E-6	4.7184E-9
1	Grid	205.77216	59.83986	106.80000	0.00633	106.78	-25.709E-12	-248.42E-6	4.9684E-9
1	Grid	207.76734	59.83986	106.80000	0.00390	106.78	-28.080E-12	-261.65E-6	5.2330E-9
1	Grid	209.76252	59.83986	106.80000	0.00125	106.78	-30.691E-12	-275.65E-6	5.5130E-9
1	Grid	211.75770	59.83986	106.80000	-0.00167	106.78	-33.554E-12	-290.46E-6	5.8092E-9
1	Grid	213.75288	59.83986	106.80000	-0.00485	106.78	-36.697E-12	-306.11E-6	6.1222E-9
1	Grid	215.74806	59.83986	106.80000	-0.00933	106.78	-40.141E-12	-322.46E-6	6.4527E-9
1	Grid	217.74324	59.83986	106.80000	-0.01210	106.78	-43.918E-12	-340.07E-6	6.8014E-9
1	Grid	219.73842	59.83986	106.80000	-0.01618	106.78	-48.046E-12	-358.43E-6	7.1686E-9
1	Grid								

Highgate Junior School Sports Hall Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]
1	Grid	6.25417	61.71460	106.80000	-0.23344	106.78	-218.08E-12	-872.08E-6	17.442E-9
1	Grid	8.24935	61.71460	106.80000	-0.23950	106.78	-210.02E-12	-852.96E-6	17.059E-9
1	Grid	10.24453	61.71460	106.80000	-0.24630	106.78	-201.20E-12	-831.73E-6	16.635E-9
1	Grid	12.23971	61.71460	106.80000	-0.25412	106.78	-191.79E-12	-808.68E-6	16.174E-9
1	Grid	14.23489	61.71460	106.80000	-0.26325	106.78	-181.97E-12	-784.13E-6	15.683E-9
1	Grid	16.23007	61.71460	106.80000	-0.27402	106.78	-171.88E-12	-758.37E-6	15.167E-9
1	Grid	18.22525	61.71460	106.80000	-0.28680	106.78	-161.69E-12	-731.70E-6	14.634E-9
1	Grid	20.22043	61.71460	106.80000	-0.30201	106.78	-151.51E-12	-704.42E-6	14.088E-9
1	Grid	22.21561	61.71460	106.80000	-0.32013	106.78	-141.48E-12	-676.77E-6	13.535E-9
1	Grid	24.21079	61.71460	106.80000	-0.34167	106.78	-131.68E-12	-649.01E-6	12.980E-9
1	Grid	26.20597	61.71460	106.80000	-0.36725	106.78	-122.21E-12	-621.35E-6	12.427E-9
1	Grid	28.20115	61.71460	106.80000	-0.39754	106.78	-113.13E-12	-593.98E-6	11.880E-9
1	Grid	30.19633	61.71460	106.80000	-0.43332	106.78	-104.48E-12	-567.06E-6	11.341E-9
1	Grid	32.19151	61.71460	106.80000	-0.47551	106.78	-96.299E-12	-540.73E-6	10.815E-9
1	Grid	34.18669	61.71460	106.80000	-0.52515	106.78	-88.606E-12	-515.11E-6	10.302E-9
1	Grid	36.18187	61.71460	106.80000	-0.58347	106.78	-81.409E-12	-490.27E-6	9.8055E-9
1	Grid	38.17705	61.71460	106.80000	-0.65192	106.78	-74.706E-12	-466.30E-6	9.3260E-9
1	Grid	40.17223	61.71460	106.80000	-0.73221	106.78	-68.487E-12	-443.23E-6	8.8645E-9
1	Grid	42.16741	61.71460	106.80000	-0.82633	106.78	-62.734E-12	-421.09E-6	8.4218E-9
1	Grid	44.16259	61.71460	106.80000	-0.93664	106.78	-57.430E-12	-399.91E-6	7.9982E-9
1	Grid	46.15777	61.71460	106.80000	-1.06590	106.78	-52.554E-12	-379.69E-6	7.5938E-9
1	Grid	48.15295	61.71460	106.80000	-1.21728	106.78	-48.078E-12	-360.42E-6	7.2084E-9
1	Grid	50.14813	61.71460	106.80000	-1.39450	106.78	-43.978E-12	-342.09E-6	6.8418E-9
1	Grid	52.14331	61.71460	106.80000	-1.60188	106.78	-40.226E-12	-324.68E-6	6.4936E-9
1	Grid	54.13849	61.71460	106.80000	-1.84473	106.78	-36.799E-12	-308.16E-6	6.1633E-9
1	Grid	56.13367	61.71460	106.80000	-2.13060	106.78	-33.673E-12	-292.51E-6	5.8503E-9
1	Grid	58.12885	61.71460	106.80000	-2.46763	106.78	-30.821E-12	-277.70E-6	5.5539E-9
1	Grid	60.12403	61.71460	106.80000	-2.87353	106.78	-28.220E-12	-263.68E-6	5.2735E-9
1	Grid	62.11921	61.71460	106.80000	-3.37613	106.78	-25.851E-12	-250.42E-6	5.0085E-9
1	Grid	64.11439	61.71460	106.80000	-4.03507	106.78	-23.691E-12	-237.90E-6	4.7580E-9
1	Grid	66.10957	61.71460	106.80000	-4.86240	106.78	-21.724E-12	-226.07E-6	4.5213E-9
1	Grid	68.10475	61.71460	106.80000	-7.17202	106.78	-19.935E-12	-214.89E-6	4.2978E-9
1	Grid	70.09993	61.71460	106.80000	-11.15233	106.78	-18.304E-12	-204.34E-6	4.0868E-9
1	Grid	72.09511	61.71460	106.80000	-12.29170	106.78	-16.815E-12	-194.38E-6	3.8875E-9
1	Grid	74.09029	61.71460	106.80000	-12.94015	106.78	-15.462E-12	-184.97E-6	3.6994E-9
1	Grid	76.08547	61.71460	106.80000	-13.25094	106.78	-14.229E-12	-176.03E-6	3.5218E-9
1	Grid	78.08065	61.71460	106.80000	-13.59942	106.78	-13.099E-12	-167.71E-6	3.3541E-9
1	Grid	80.07583	61.71460	106.80000	-13.71317	106.78	-12.072E-12	-159.79E-6	3.1958E-9
1	Grid	82.07101	61.71460	106.80000	-13.69903	106.78	-11.133E-12	-152.31E-6	3.0462E-9
1	Grid	84.06619	61.71460	106.80000	-13.54922	106.78	-10.274E-12	-145.25E-6	2.9050E-9
1	Grid	86.06137	61.71460	106.80000	-13.23713	106.78	-9.4911E-12	-138.57E-6	2.7715E-9
1	Grid	88.05655	61.71460	106.80000	-12.69501	106.78	-8.7743E-12	-132.27E-6	2.6453E-9
1	Grid	90.05173	61.71460	106.80000	-11.71148	106.78	-8.1155E-12	-126.30E-6	2.5260E-9
1	Grid	92.04691	61.71460	106.80000	-8.13621	106.78	-7.5153E-12	-120.66E-6	2.4132E-9
1	Grid	94.04209	61.71460	106.80000	-5.35340	106.78	-6.9638E-12	-115.32E-6	2.3065E-9
1	Grid	96.03727	61.71460	106.80000	-4.45460	106.78	-6.4568E-12	-110.17E-6	2.2055E-9
1	Grid	98.03245	61.71460	106.80000	-3.66134	106.78	-5.9912E-12	-105.49E-6	2.1099E-9
1	Grid	100.02763	61.71460	106.80000	-3.17210	106.78	-5.5669E-12	-100.96E-6	2.0193E-9
1	Grid	102.02281	61.71460	106.80000	-2.78251	106.78	-5.1745E-12	-96.674E-6	1.9335E-9
1	Grid	104.01799	61.71460	106.80000	-2.45965	106.78	-4.8115E-12	-92.607E-6	1.8521E-9
1	Grid	106.01317	61.71460	106.80000	-2.18523	106.78	-4.4804E-12	-88.750E-6	1.7750E-9
1	Grid	108.00835	61.71460	106.80000	-1.94793	106.78	-4.1753E-12	-85.092E-6	1.7018E-9
1	Grid	110.00353	61.71460	106.80000	-1.74023	106.78	-3.8916E-12	-81.620E-6	1.6324E-9
1	Grid	111.99871	61.71460	106.80000	-1.55682	106.78	-3.6324E-12	-78.324E-6	1.5665E-9
1	Grid	113.99389	61.71460	106.80000	-1.39382	106.78	-3.3926E-12	-75.193E-6	1.5039E-9
1	Grid	115.98907	61.71460	106.80000	-1.24926	106.78	-3.1695E-12	-72.319E-6	1.4443E-9
1	Grid	117.98424	61.71460	106.80000	-1.11783	106.78	-2.9630E-12	-69.388E-6	1.3878E-9
1	Grid	119.97942	61.71460	106.80000	-1.00067	106.78	-2.7731E-12	-66.698E-6	1.3340E-9
1	Grid	121.97460	61.71460	106.80000	-0.89525	106.78	-2.5966E-12	-64.138E-6	1.2828E-9
1	Grid	123.96978	61.71460	106.80000	-0.80029	106.78	-2.4347E-12	-61.702E-6	1.2340E-9
1	Grid	125.96496	61.71460	106.80000	-0.71470	106.78	-2.2808E-12	-59.381E-6	1.1876E-9
1	Grid	127.96014	61.71460	106.80000	-0.63755	106.78	-2.1396E-12	-57.170E-6	1.1434E-9
1	Grid	129.95532	61.71460	106.80000	-0.56800	106.78	-2.0097E-12	-55.063E-6	1.1013E-9
1	Grid	131.95050	61.71460	106.80000	-0.50532	106.78	-1.8885E-12	-53.054E-6	1.0611E-9
1	Grid	133.94568	61.71460	106.80000	-0.44886	106.78	-1.7766E-12	-51.137E-6	1.0227E-9
1	Grid	135.94086	61.71460	106.80000	-0.39804	106.78	-1.6713E-12	-49.303E-6	986.15E-12
1	Grid	137.93604	61.71460	106.80000	-0.35233	106.78	-1.5747E-12	-47.561E-6	951.22E-12
1	Grid	139.93122	61.71460	106.80000	-0.31123	106.78	-1.4808E-12	-45.893E-6	917.86E-12
1	Grid	141.92640	61.71460	106.80000	-0.27432	106.78	-1.3969E-12	-44.299E-6	885.98E-12
1	Grid	143.92158	61.71460	106.80000	-0.24119	106.78	-1.3176E-12	-42.776E-6	855.51E-12
1	Grid	145.91676	61.71460	106.80000	-0.21049	106.78	-1.2430E-12	-41.321E-6	826.38E-12
1	Grid	147.91194	61.71460	106.80000	-0.18486	106.78	-1.1731E-12	-39.925E-6	798.50E-12
1	Grid	149.90712	61.71460	106.80000	-0.16102	106.78	-1.1078E-12	-38.591E-6	771.82E-12
1	Grid	151.90230	61.71460	106.80000	-0.13970	106.78	-1.0472E-12	-37.314E-6	746.28E-12
1	Grid	153.89748	61.71460	106.80000	-0.12064	106.78	0.0	-36.091E-6	721.82E-12
1	Grid	155.89266	61.71460	106.80000	-0.10345	106.78	0.0	-34.919E-6	698.38E-12
1	Grid	157.88784	61.71460	106.80000	-0.08842	106.78	0.0	-33.796E-6	675.92E-12
1	Grid	159.88302	61.71460	106.80000	-0.07487	106.78	0.0	-32.719E-6	654.37E-12
1	Grid	161.87820	61.71460	106.80000	-0.06280	106.78	0.0	-31.686E-6	633.71E-12
1	Grid	163.87338	61.71460	106.80000	-0.05205	106.78	0.0	-30.694E-6	613.89E-12
1	Grid	165.86856	61.71460	106.80000	-0.04250	106.78	0.0	-29.743E-6	594.86E-12
1	Grid	167.86374	61.71460	106.80000	-0.03401	106.78	0.0	-28.829E-6	576.59E-12
1	Grid	169.85892	61.71460	106.80000	-0.02648	106.78	0.0	-27.952E-6	559.04E-12
1	Grid	171.85410	61.71460	106.80000	-0.01980	106.78	0.0	-27.109E-6	542.17E-12
1	Grid	173.84928	61.71460	106.80000	-0.01389	106.78	0.0	-26.299E-6	525.96E-12
1	Grid	175.84446	61.71460	106.80000	-0.00867	106.78	0.0	-25.519E-6	510.37E-12
1	Grid	177.83964	61.71460	106.80000	-0.00406	106.78	0.0	-24.769E-6	495.38E-12
1	Grid	179.83482	61.71460	106.80000	-0.00001	106.78	0.0	-24.048E-6	480.96E-12
1	Grid	181.83000	61.71460	106.80000	0.00356	106.78	0.0	-23.354E-6	467.08E-12
1	Grid	-95.50000	63.58935	106.80000	0.02116	106.78	-9.6683E-12	-139.58E-6	2.7917E-9
1	Grid	-93.50518	63.58935	106.80000	0.02063	106.78	-10.464E-12	-146.26E-6	2.9252E-9
1	Grid	-91.50964	63.58935	106.80000	0.02000	106.78	-11.333E-12	-153.32E-6	3.0663E-9
1	Grid	-89.51446	63.58935	106.80000	0.01927	106.78	-12.282E-12	-160.78E-6	3.2156E-9
1	Grid	-87.51928	63.58935	106.80000	0.01842	106.78	-13.321E-12	-168.67E-6	3.3735E-9
1	Grid	-85.52410	63.58935	106.80000	0.01744	106.78	-14.458E-12	-177.02E-6	3.5404E-9
1	Grid	-83.52892	63.58935	106.80000	0.01639	106.78	-15.703E-12	-185.85E-6	3.7170E-9
1	Grid	-81.53374	63.58935	106.80000	0.01508	106.78	-17.066E-12	-195.19E-6	3.9038E-9
1	Grid	-79.53856	63.						



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	-15.69763	63.58935	106.80000	-0.15444	106.78	-196.06E-12	-819.20E-6	16.384E-9
1	Grid	-11.70245	63.58935	106.80000	-0.16056	106.78	-199.86E-12	-828.72E-6	16.574E-9
1	Grid	-9.70727	63.58935	106.80000	-0.16644	106.78	-202.62E-12	-835.63E-6	16.713E-9
1	Grid	-7.71209	63.58935	106.80000	-0.17211	106.78	-204.27E-12	-839.80E-6	16.796E-9
1	Grid	-5.71691	63.58935	106.80000	-0.17759	106.78	-204.79E-12	-841.19E-6	16.824E-9
1	Grid	-3.72173	63.58935	106.80000	-0.18293	106.78	-204.16E-12	-839.77E-6	16.795E-9
1	Grid	-1.72655	63.58935	106.80000	-0.18820	106.78	-202.38E-12	-835.56E-6	16.711E-9
1	Grid	0.26863	63.58935	106.80000	-0.19350	106.78	-199.52E-12	-828.64E-6	16.573E-9
1	Grid	2.26381	63.58935	106.80000	-0.19895	106.78	-195.62E-12	-819.10E-6	16.382E-9
1	Grid	4.25899	63.58935	106.80000	-0.20468	106.78	-190.77E-12	-807.10E-6	16.142E-9
1	Grid	6.25417	63.58935	106.80000	-0.21086	106.78	-185.06E-12	-792.82E-6	15.856E-9
1	Grid	8.24935	63.58935	106.80000	-0.21769	106.78	-178.62E-12	-776.47E-6	15.529E-9
1	Grid	10.24453	63.58935	106.80000	-0.22539	106.78	-171.55E-12	-758.27E-6	15.165E-9
1	Grid	12.23971	63.58935	106.80000	-0.23422	106.78	-163.99E-12	-738.47E-6	14.769E-9
1	Grid	14.23489	63.58935	106.80000	-0.24447	106.78	-156.07E-12	-717.32E-6	14.346E-9
1	Grid	16.23007	63.58935	106.80000	-0.25647	106.78	-147.90E-12	-695.06E-6	13.901E-9
1	Grid	18.22525	63.58935	106.80000	-0.27059	106.78	-139.60E-12	-671.95E-6	13.439E-9
1	Grid	20.22043	63.58935	106.80000	-0.28727	106.78	-131.29E-12	-648.23E-6	12.965E-9
1	Grid	22.21561	63.58935	106.80000	-0.30698	106.78	-123.05E-12	-624.11E-6	12.482E-9
1	Grid	24.21079	63.58935	106.80000	-0.33027	106.78	-114.97E-12	-599.81E-6	11.996E-9
1	Grid	26.20597	63.58935	106.80000	-0.35777	106.78	-107.11E-12	-575.52E-6	11.510E-9
1	Grid	28.20115	63.58935	106.80000	-0.39022	106.78	-99.538E-12	-551.39E-6	11.028E-9
1	Grid	30.19633	63.58935	106.80000	-0.42846	106.78	-92.288E-12	-527.57E-6	10.551E-9
1	Grid	32.19151	63.58935	106.80000	-0.47349	106.78	-85.396E-12	-504.19E-6	10.084E-9
1	Grid	34.18669	63.58935	106.80000	-0.52649	106.78	-78.879E-12	-481.35E-6	9.6270E-9
1	Grid	36.18187	63.58935	106.80000	-0.58989	106.78	-72.752E-12	-459.14E-6	9.1827E-9
1	Grid	38.17705	63.58935	106.80000	-0.66237	106.78	-67.011E-12	-437.61E-6	8.7522E-9
1	Grid	40.17223	63.58935	106.80000	-0.74899	106.78	-61.658E-12	-416.83E-6	8.3365E-9
1	Grid	42.16741	63.58935	106.80000	-0.85123	106.78	-56.681E-12	-396.82E-6	7.9363E-9
1	Grid	44.16259	63.58935	106.80000	-0.97211	106.78	-52.070E-12	-377.61E-6	7.5521E-9
1	Grid	46.15777	63.58935	106.80000	-1.11524	106.78	-47.811E-12	-359.20E-6	7.1840E-9
1	Grid	48.15295	63.58935	106.80000	-1.28501	106.78	-43.882E-12	-341.61E-6	6.8322E-9
1	Grid	50.14813	63.58935	106.80000	-1.48653	106.78	-40.268E-12	-324.83E-6	6.4965E-9
1	Grid	52.14331	63.58935	106.80000	-1.72601	106.78	-36.948E-12	-308.83E-6	6.1767E-9
1	Grid	54.13849	63.58935	106.80000	-2.01124	106.78	-33.900E-12	-293.62E-6	5.8724E-9
1	Grid	56.13367	63.58935	106.80000	-2.35284	106.78	-31.108E-12	-279.16E-6	5.5813E-9
1	Grid	58.12885	63.58935	106.80000	-2.76735	106.78	-28.548E-12	-265.44E-6	5.3088E-9
1	Grid	60.12403	63.58935	106.80000	-3.28407	106.78	-26.210E-12	-252.42E-6	5.0485E-9
1	Grid	62.11921	63.58935	106.80000	-3.96498	106.78	-24.071E-12	-240.08E-6	4.8017E-9
1	Grid	64.11439	63.58935	106.80000	-4.98227	106.78	-22.116E-12	-228.40E-6	4.5679E-9
1	Grid	66.10957	63.58935	106.80000	-6.29855	106.78	-20.324E-12	-217.33E-6	4.3466E-9
1	Grid	68.10475	63.58935	106.80000	-7.91823	106.78	-18.692E-12	-206.85E-6	4.1371E-9
1	Grid	70.09993	63.58935	106.80000	-10.32163	106.78	-17.199E-12	-196.94E-6	3.9388E-9
1	Grid	72.09511	63.58935	106.80000	-12.99870	106.78	-15.835E-12	-187.56E-6	3.7513E-9
1	Grid	74.09029	63.58935	106.80000	-16.45412	106.78	-14.586E-12	-178.69E-6	3.5738E-9
1	Grid	76.08547	63.58935	106.80000	-21.38114	106.78	-13.449E-12	-170.87E-6	3.4060E-9
1	Grid	78.08065	63.58935	106.80000	-28.95647	106.78	-12.405E-12	-162.36E-6	3.2473E-9
1	Grid	80.07583	63.58935	106.80000	-40.04695	106.78	-11.452E-12	-154.86E-6	3.0971E-9
1	Grid	82.07101	63.58935	106.80000	-54.03725	106.78	-10.578E-12	-147.75E-6	2.9551E-9
1	Grid	84.06619	63.58935	106.80000	-73.92190	106.78	-9.7782E-12	-141.03E-6	2.8207E-9
1	Grid	86.06137	63.58935	106.80000	-100.68528	106.78	-9.0448E-12	-134.67E-6	2.6935E-9
1	Grid	88.05655	63.58935	106.80000	-132.9313	106.78	-8.3740E-12	-128.65E-6	2.5731E-9
1	Grid	90.05173	63.58935	106.80000	-172.66380	106.78	-7.7585E-12	-122.95E-6	2.4591E-9
1	Grid	92.04691	63.58935	106.80000	-225.53198	106.78	-7.1929E-12	-117.56E-6	2.3511E-9
1	Grid	94.04209	63.58935	106.80000	-293.75822	106.78	-6.6740E-12	-112.44E-6	2.2489E-9
1	Grid	96.03727	63.58935	106.80000	-386.15669	106.78	-6.1970E-12	-107.60E-6	2.1502E-9
1	Grid	98.03245	63.58935	106.80000	-504.19688	106.78	-5.7581E-12	-103.01E-6	2.0601E-9
1	Grid	100.02763	63.58935	106.80000	-663.56101	106.78	-5.3524E-12	-98.651E-6	1.9730E-9
1	Grid	102.02281	63.58935	106.80000	-863.08257	106.78	-4.9827E-12	-94.520E-6	1.8904E-9
1	Grid	104.01799	63.58935	106.80000	-1112.69398	106.78	-4.6403E-12	-90.601E-6	1.8120E-9
1	Grid	106.01317	63.58935	106.80000	-1463.88125	106.78	-4.3245E-12	-86.881E-6	1.7376E-9
1	Grid	108.00835	63.58935	106.80000	-1952.11059	106.78	-4.0314E-12	-83.348E-6	1.6670E-9
1	Grid	110.00353	63.58935	106.80000	-2621.87685	106.78	-3.7623E-12	-79.992E-6	1.5998E-9
1	Grid	111.99871	63.58935	106.80000	-3511.67255	106.78	-3.5152E-12	-76.803E-6	1.5361E-9
1	Grid	113.99389	63.58935	106.80000	-4692.49248	106.78	-3.2880E-12	-73.771E-6	1.4754E-9
1	Grid	115.98906	63.58935	106.80000	-6315.85936	106.78	-3.0729E-12	-70.879E-6	1.4177E-9
1	Grid	117.98424	63.58935	106.80000	-8447.119047	106.78	-2.8757E-12	-68.144E-6	1.3629E-9
1	Grid	119.97942	63.58935	106.80000	-11163.3826	106.78	-2.6938E-12	-65.532E-6	1.3106E-9
1	Grid	121.97460	63.58935	106.80000	-14649.94925	106.78	-2.5246E-12	-63.046E-6	1.2609E-9
1	Grid	123.96978	63.58935	106.80000	-19369.64693	106.78	-2.3668E-12	-60.677E-6	1.2135E-9
1	Grid	125.96496	63.58935	106.80000	-25905.41926	106.78	-2.2209E-12	-58.419E-6	1.1684E-9
1	Grid	127.96014	63.58935	106.80000	-34928.67238	106.78	-2.0843E-12	-56.267E-6	1.1253E-9
1	Grid	129.95532	63.58935	106.80000	-47100.59810	106.78	-1.9604E-12	-54.214E-6	1.0843E-9
1	Grid	131.95050	63.58935	106.80000	-62411.53133	106.78	-1.8425E-12	-52.255E-6	1.0451E-9
1	Grid	133.94568	63.58935	106.80000	-82413.47133	106.78	-1.7326E-12	-50.386E-6	1.0077E-9
1	Grid	135.94086	63.58935	106.80000	-108415.40144	106.78	-1.6307E-12	-48.517E-6	972.61E-12
1	Grid	137.93604	63.58935	106.80000	-142417.36907	106.78	-1.5374E-12	-46.895E-6	937.90E-12
1	Grid	139.93122	63.58935	106.80000	-185419.32568	106.78	-1.4488E-12	-45.265E-6	905.30E-12
1	Grid	141.92640	63.58935	106.80000	-240421.28679	106.78	-1.3662E-12	-43.707E-6	874.14E-12
1	Grid	143.92158	63.58935	106.80000	-309423.25195	106.78	-1.2883E-12	-42.217E-6	844.34E-12
1	Grid	145.91676	63.58935	106.80000	-394425.22077	106.78	-1.2157E-12	-40.791E-6	815.82E-12
1	Grid	147.91194	63.58935	106.80000	-509427.19288	106.78	-1.1491E-12	-39.427E-6	788.53E-12
1	Grid	149.90712	63.58935	106.80000	-664429.16795	106.78	-1.0845E-12	-38.120E-6	762.40E-12
1	Grid	151.90230	63.58935	106.80000	-869431.14569	106.78	-1.0265E-12	-36.868E-6	737.37E-12
1	Grid	153.89748	63.58935	106.80000	-1124433.12581	106.78	0.0	-35.669E-6	713.39E-12
1	Grid	155.89266	63.58935	106.80000	-1454455.10097	106.78	0.0	-34.520E-6	690.40E-12
1	Grid	157.88784	63.58935	106.80000	-1874477.07629	106.78	0.0	-33.418E-6	668.35E-12
1	Grid	159.88302	63.58935	106.80000	-2424499.05183	106.78	0.0	-32.360E-6	647.21E-12
1	Grid	161.87820	63.58935	106.80000	-3124521.02671	106.78	0.0	-31.346E-6	626.92E-12
1	Grid	163.87338	63.58935	106.80000	-3974543.00158	106.78	0.0	-30.372E-6	607.44E-12
1	Grid	165.86856	63.58935	106.80000	-5024565.00469	106.78	0.0	-29.437E-6	588.74E-12
1	Grid	167.86374	63.58935	106.80000	-6324587.00391	106.78	0.0	-28.539E-6	570.78E-12
1	Grid	169.85892	63.58935	106.80000	-7924609.002814	106.78	0.0	-27.676E-6	553.52E-12
1	Grid	171.85410	63.58935	106.80000	-10024631.002125	106.78	0.0	-26.846E-6	536.92E-12
1	Grid	173.84928	63.58935	106.80000	-12824653.001515	106.78	0.0	-26.049E-6	520.97E-12
1	Grid	175.84446	63.58935	106.80000	-16424675.000975	106.78	0.0	-25.281E-6	505.63E-12
1	Grid	177.83964	63.58935	106.80000	-20924697.000502	106.			

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.		
						3244				
						Drg. Ref.				
						Made by AC	Date	Checked		
Ref.	Name	x	y	z	δz	Stress: Calc. Level [mod]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]	
		[m]	[m]	[mod]	[mm]					
1	Grid	-33.64942	65.46410	106.80000	-0.07195	106.78	-107.84E-12	-575.97E-6	11.519E-9	
1	Grid	-31.65424	65.46410	106.80000	-0.07824	106.78	-114.67E-12	-597.18E-6	11.944E-9	
1	Grid	-29.65906	65.46410	106.80000	-0.08460	106.78	-121.53E-12	-617.98E-6	12.360E-9	
1	Grid	-27.66388	65.46410	106.80000	-0.09101	106.78	-128.33E-12	-638.17E-6	12.763E-9	
1	Grid	-25.66871	65.46410	106.80000	-0.09741	106.78	-134.99E-12	-657.56E-6	13.151E-9	
1	Grid	-23.67353	65.46410	106.80000	-0.10379	106.78	-141.42E-12	-675.94E-6	13.519E-9	
1	Grid	-21.67835	65.46410	106.80000	-0.11011	106.78	-147.53E-12	-693.09E-6	13.862E-9	
1	Grid	-19.68317	65.46410	106.80000	-0.11633	106.78	-153.20E-12	-708.81E-6	14.176E-9	
1	Grid	-17.68799	65.46410	106.80000	-0.12244	106.78	-158.34E-12	-722.90E-6	14.458E-9	
1	Grid	-15.69281	65.46410	106.80000	-0.12840	106.78	-162.87E-12	-735.17E-6	14.703E-9	
1	Grid	-13.69763	65.46410	106.80000	-0.13422	106.78	-166.69E-12	-745.46E-6	14.909E-9	
1	Grid	-11.70245	65.46410	106.80000	-0.13989	106.78	-169.74E-12	-753.62E-6	15.072E-9	
1	Grid	-9.70727	65.46410	106.80000	-0.14542	106.78	-171.94E-12	-759.53E-6	15.191E-9	
1	Grid	-7.71209	65.46410	106.80000	-0.15083	106.78	-173.27E-12	-763.11E-6	15.262E-9	
1	Grid	-5.71691	65.46410	106.80000	-0.15616	106.78	-173.68E-12	-764.30E-6	15.286E-9	
1	Grid	-3.72173	65.46410	106.80000	-0.16147	106.78	-173.18E-12	-763.10E-6	15.262E-9	
1	Grid	-1.72655	65.46410	106.80000	-0.16683	106.78	-171.77E-12	-759.51E-6	15.190E-9	
1	Grid	0.26863	65.46410	106.80000	-0.17233	106.78	-169.48E-12	-753.59E-6	15.072E-9	
1	Grid	2.26381	65.46410	106.80000	-0.17809	106.78	-166.36E-12	-745.44E-6	14.909E-9	
1	Grid	4.25899	65.46410	106.80000	-0.18426	106.78	-162.48E-12	-735.16E-6	14.703E-9	
1	Grid	6.25417	65.46410	106.80000	-0.19098	106.78	-157.90E-12	-722.92E-6	14.458E-9	
1	Grid	8.24935	65.46410	106.80000	-0.19847	106.78	-152.71E-12	-708.87E-6	14.177E-9	
1	Grid	10.24453	65.46410	106.80000	-0.20693	106.78	-147.01E-12	-693.20E-6	13.864E-9	
1	Grid	12.23971	65.46410	106.80000	-0.21662	106.78	-140.89E-12	-676.11E-6	13.522E-9	
1	Grid	14.23489	65.46410	106.80000	-0.22783	106.78	-134.46E-12	-657.81E-6	13.156E-9	
1	Grid	16.23007	65.46410	106.80000	-0.24090	106.78	-127.80E-12	-638.51E-6	12.770E-9	
1	Grid	18.22525	65.46410	106.80000	-0.25620	106.78	-121.02E-12	-618.41E-6	12.368E-9	
1	Grid	20.22043	65.46410	106.80000	-0.27415	106.78	-114.19E-12	-597.71E-6	11.954E-9	
1	Grid	22.21561	65.46410	106.80000	-0.29527	106.78	-107.39E-12	-576.61E-6	11.532E-9	
1	Grid	24.21079	65.46410	106.80000	-0.32012	106.78	-100.69E-12	-555.28E-6	11.106E-9	
1	Grid	26.20597	65.46410	106.80000	-0.34936	106.78	-94.144E-12	-533.87E-6	10.677E-9	
1	Grid	28.20115	65.46410	106.80000	-0.38377	106.78	-87.806E-12	-512.55E-6	10.251E-9	
1	Grid	30.19633	65.46410	106.80000	-0.42427	106.78	-81.709E-12	-491.43E-6	9.8286E-9	
1	Grid	32.19151	65.46410	106.80000	-0.47197	106.78	-75.883E-12	-470.63E-6	9.4125E-9	
1	Grid	34.18669	65.46410	106.80000	-0.52819	106.78	-70.346E-12	-450.24E-6	9.0047E-9	
1	Grid	36.18187	65.46410	106.80000	-0.59455	106.78	-65.113E-12	-430.33E-6	8.6067E-9	
1	Grid	38.17705	65.46410	106.80000	-0.67303	106.78	-60.191E-12	-410.99E-6	8.2197E-9	
1	Grid	40.17223	65.46410	106.80000	-0.76611	106.78	-55.574E-12	-392.24E-6	7.8448E-9	
1	Grid	42.16741	65.46410	106.80000	-0.87687	106.78	-51.264E-12	-374.13E-6	7.4827E-9	
1	Grid	44.16259	65.46410	106.80000	-1.00920	106.78	-47.251E-12	-356.69E-6	7.1339E-9	
1	Grid	46.15777	65.46410	106.80000	-1.16794	106.78	-43.527E-12	-339.94E-6	6.7987E-9	
1	Grid	48.15295	65.46410	106.80000	-1.35915	106.78	-40.072E-12	-323.87E-6	6.4774E-9	
1	Grid	50.14813	65.46410	106.80000	-1.59028	106.78	-36.887E-12	-308.49E-6	6.1698E-9	
1	Grid	52.14331	65.46410	106.80000	-1.87057	106.78	-33.942E-12	-293.80E-6	5.8760E-9	
1	Grid	54.13849	65.46410	106.80000	-2.21198	106.78	-31.231E-12	-279.78E-6	5.5957E-9	
1	Grid	56.13367	65.46410	106.80000	-2.63198	106.78	-28.737E-12	-266.43E-6	5.3286E-9	
1	Grid	58.12885	65.46410	106.80000	-3.16078	106.78	-26.444E-12	-253.72E-6	5.0743E-9	
1	Grid	60.12403	65.46410	106.80000	-3.86239	106.78	-24.339E-12	-241.63E-6	4.8326E-9	
1	Grid	62.11921	65.46410	106.80000	-4.91830	106.78	-22.409E-12	-230.15E-6	4.6029E-9	
1	Grid	64.11439	65.46410	106.80000	-7.39756	106.78	-20.637E-12	-219.24E-6	4.3848E-9	
1	Grid	66.10957	65.46410	106.80000	-11.17055	106.78	-19.009E-12	-208.89E-6	4.1778E-9	
1	Grid	68.10475	65.46410	106.80000	-12.30531	106.78	-17.521E-12	-199.07E-6	3.9815E-9	
1	Grid	70.09993	65.46410	106.80000	-13.00322	106.78	-16.154E-12	-189.77E-6	3.7953E-9	
1	Grid	72.09511	65.46410	106.80000	-13.49131	106.78	-14.905E-12	-180.94E-6	3.6189E-9	
1	Grid	74.09029	65.46410	106.80000	-13.84339	106.78	-13.754E-12	-172.58E-6	3.4516E-9	
1	Grid	76.08547	65.46410	106.80000	-14.09138	106.78	-12.706E-12	-164.65E-6	3.2919E-9	
1	Grid	78.08065	65.46410	106.80000	-14.25051	106.78	-11.741E-12	-157.14E-6	3.1429E-9	
1	Grid	80.07583	65.46410	106.80000	-14.32741	106.78	-10.857E-12	-150.03E-6	3.0006E-9	
1	Grid	82.07101	65.46410	106.80000	-14.32311	106.78	-10.046E-12	-143.29E-6	2.8657E-9	
1	Grid	84.06619	65.46410	106.80000	-14.23362	106.78	-9.2999E-12	-136.89E-6	2.7379E-9	
1	Grid	86.06137	65.46410	106.80000	-14.04892	106.78	-8.6164E-12	-130.84E-6	2.6168E-9	
1	Grid	88.05655	65.46410	106.80000	-13.74908	106.78	-7.9896E-12	-125.10E-6	2.5019E-9	
1	Grid	90.05173	65.46410	106.80000	-13.29361	106.78	-7.4127E-12	-119.65E-6	2.3931E-9	
1	Grid	92.04691	65.46410	106.80000	-12.58595	106.78	-6.8798E-12	-114.49E-6	2.2898E-9	
1	Grid	94.04209	65.46410	106.80000	-11.28864	106.78	-6.3936E-12	-109.60E-6	2.1919E-9	
1	Grid	96.03727	65.46410	106.80000	-9.79734	106.78	-5.9432E-12	-104.95E-6	2.0990E-9	
1	Grid	98.03245	65.46410	106.80000	-4.97314	106.78	-5.5269E-12	-100.54E-6	2.0108E-9	
1	Grid	100.02763	65.46410	106.80000	-4.07289	106.78	-5.1472E-12	-96.357E-6	1.9271E-9	
1	Grid	102.02281	65.46410	106.80000	-3.45992	106.78	-4.7935E-12	-92.383E-6	1.8477E-9	
1	Grid	104.01799	65.46410	106.80000	-2.99308	106.78	-4.4698E-12	-88.608E-6	1.7722E-9	
1	Grid	106.01317	65.46410	106.80000	-2.61706	106.78	-4.1693E-12	-85.021E-6	1.7004E-9	
1	Grid	108.00835	65.46410	106.80000	-2.30400	106.78	-3.8936E-12	-81.611E-6	1.6322E-9	
1	Grid	110.00353	65.46410	106.80000	-2.03766	106.78	-3.6358E-12	-78.370E-6	1.5674E-9	
1	Grid	111.99871	65.46410	106.80000	-1.80761	106.78	-3.4006E-12	-75.286E-6	1.5057E-9	
1	Grid	113.99389	65.46410	106.80000	-1.60675	106.78	-3.1808E-12	-72.352E-6	1.4470E-9	
1	Grid	115.98906	65.46410	106.80000	-1.42966	106.78	-2.9776E-12	-69.559E-6	1.3912E-9	

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term										Job No.	Sheet No.	Rev.	
										3244			
										Drg. Ref.			
										Made by AC	Date	Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain				
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]				
1	Grid	-53.60122	67.33885	106.80000	-0.01382	106.78	-46.426E-12	-351.44E-6	7.0287E-9				
1	Grid	-51.60604	67.33885	106.80000	-0.01759	106.78	-50.196E-12	-367.89E-6	7.3578E-9				
1	Grid	-49.61086	67.33885	106.80000	-0.02158	106.78	-54.209E-12	-384.88E-6	7.6976E-9				
1	Grid	-47.61568	67.33885	106.80000	-0.02580	106.78	-58.477E-12	-402.37E-6	8.0474E-9				
1	Grid	-45.62050	67.33885	106.80000	-0.03023	106.78	-62.988E-12	-420.30E-6	8.4061E-9				
1	Grid	-43.62532	67.33885	106.80000	-0.03487	106.78	-67.738E-12	-438.63E-6	8.7725E-9				
1	Grid	-41.63014	67.33885	106.80000	-0.03971	106.78	-72.717E-12	-457.26E-6	9.1453E-9				
1	Grid	-39.63496	67.33885	106.80000	-0.04472	106.78	-77.896E-12	-476.13E-6	9.5225E-9				
1	Grid	-37.63978	67.33885	106.80000	-0.04990	106.78	-83.257E-12	-495.11E-6	9.9023E-9				
1	Grid	-35.64460	67.33885	106.80000	-0.05523	106.78	-88.760E-12	-514.11E-6	10.282E-9				
1	Grid	-33.64942	67.33885	106.80000	-0.06067	106.78	-94.369E-12	-532.99E-6	10.660E-9				
1	Grid	-31.65424	67.33885	106.80000	-0.06622	106.78	-100.03E-12	-551.61E-6	11.032E-9				
1	Grid	-29.65906	67.33885	106.80000	-0.07184	106.78	-105.69E-12	-569.81E-6	11.396E-9				
1	Grid	-27.66388	67.33885	106.80000	-0.07750	106.78	-111.28E-12	-587.44E-6	11.749E-9				
1	Grid	-25.66871	67.33885	106.80000	-0.08318	106.78	-116.74E-12	-604.32E-6	12.086E-9				
1	Grid	-23.67353	67.33885	106.80000	-0.08886	106.78	-121.99E-12	-620.29E-6	12.406E-9				
1	Grid	-21.67835	67.33885	106.80000	-0.09450	106.78	-126.96E-12	-635.15E-6	12.703E-9				
1	Grid	-19.68317	67.33885	106.80000	-0.10009	106.78	-131.56E-12	-648.75E-6	12.975E-9				
1	Grid	-17.68799	67.33885	106.80000	-0.10561	106.78	-135.74E-12	-660.92E-6	13.218E-9				
1	Grid	-15.69281	67.33885	106.80000	-0.11105	106.78	-139.40E-12	-671.51E-6	13.430E-9				
1	Grid	-13.69763	67.33885	106.80000	-0.11641	106.78	-142.48E-12	-680.37E-6	13.607E-9				
1	Grid	-11.70245	67.33885	106.80000	-0.12169	106.78	-144.94E-12	-687.39E-6	13.748E-9				
1	Grid	-9.70727	67.33885	106.80000	-0.12691	106.78	-146.72E-12	-692.48E-6	13.850E-9				
1	Grid	-7.71209	67.33885	106.80000	-0.13211	106.78	-147.78E-12	-695.56E-6	13.911E-9				
1	Grid	-5.71691	67.33885	106.80000	-0.13731	106.78	-148.12E-12	-696.59E-6	13.932E-9				
1	Grid	-3.72173	67.33885	106.80000	-0.14259	106.78	-147.72E-12	-695.56E-6	13.911E-9				
1	Grid	-1.72655	67.33885	106.80000	-0.14802	106.78	-146.59E-12	-692.49E-6	13.850E-9				
1	Grid	0.26863	67.33885	106.80000	-0.15369	106.78	-144.75E-12	-687.41E-6	13.748E-9				
1	Grid	2.26381	67.33885	106.80000	-0.15972	106.78	-142.24E-12	-680.41E-6	13.608E-9				
1	Grid	4.25899	67.33885	106.80000	-0.16624	106.78	-139.10E-12	-671.57E-6	13.431E-9				
1	Grid	6.25417	67.33885	106.80000	-0.17343	106.78	-135.40E-12	-661.02E-6	13.220E-9				
1	Grid	8.24935	67.33885	106.80000	-0.18147	106.78	-131.20E-12	-648.89E-6	12.978E-9				
1	Grid	10.24453	67.33885	106.80000	-0.19057	106.78	-126.57E-12	-635.34E-6	12.707E-9				
1	Grid	12.23971	67.33885	106.80000	-0.20100	106.78	-121.59E-12	-620.54E-6	12.411E-9				
1	Grid	14.23489	67.33885	106.80000	-0.21304	106.78	-116.34E-12	-604.64E-6	12.093E-9				
1	Grid	16.23007	67.33885	106.80000	-0.22702	106.78	-110.88E-12	-587.84E-6	11.757E-9				
1	Grid	18.22525	67.33885	106.80000	-0.24332	106.78	-105.30E-12	-570.30E-6	11.406E-9				
1	Grid	20.22043	67.33885	106.80000	-0.26239	106.78	-99.664E-12	-552.19E-6	11.044E-9				
1	Grid	22.21561	67.33885	106.80000	-0.28473	106.78	-94.025E-12	-533.66E-6	10.673E-9				
1	Grid	24.21079	67.33885	106.80000	-0.31094	106.78	-88.449E-12	-514.88E-6	10.298E-9				
1	Grid	26.20597	67.33885	106.80000	-0.34171	106.78	-82.976E-12	-495.98E-6	9.9316E-9				
1	Grid	28.20115	67.33885	106.80000	-0.37788	106.78	-77.653E-12	-477.09E-6	9.5418E-9				
1	Grid	30.19633	67.33885	106.80000	-0.42044	106.78	-72.506E-12	-458.32E-6	9.1664E-9				
1	Grid	32.19151	67.33885	106.80000	-0.47058	106.78	-67.568E-12	-439.77E-6	8.7955E-9				
1	Grid	34.18669	67.33885	106.80000	-0.52979	106.78	-62.849E-12	-421.54E-6	8.4307E-9				
1	Grid	36.18187	67.33885	106.80000	-0.59989	106.78	-58.371E-12	-403.68E-6	8.0736E-9				
1	Grid	38.17705	67.33885	106.80000	-0.68320	106.78	-54.136E-12	-386.26E-6	7.7253E-9				
1	Grid	40.17223	67.33885	106.80000	-0.78266	106.78	-50.150E-12	-369.34E-6	7.3867E-9				
1	Grid	42.16741	67.33885	106.80000	-0.90210	106.78	-46.409E-12	-352.94E-6	7.0587E-9				
1	Grid	44.16259	67.33885	106.80000	-1.04650	106.78	-42.913E-12	-337.09E-6	6.7418E-9				
1	Grid	46.15777	67.33885	106.80000	-1.22243	106.78	-39.650E-12	-321.82E-6	6.4364E-9				
1	Grid	48.15295	67.33885	106.80000	-1.43853	106.78	-36.616E-12	-307.14E-6	6.1427E-9				
1	Grid	50.14813	67.33885	106.80000	-1.70605	106.78	-33.802E-12	-293.04E-6	5.8609E-9				
1	Grid	52.14331	67.33885	106.80000	-2.03956	106.78	-31.194E-12	-279.54E-6	5.5908E-9				
1	Grid	54.13849	67.33885	106.80000	-2.45894	106.78	-28.780E-12	-266.63E-6	5.3325E-9				
1	Grid	56.13367	67.33885	106.80000	-2.99603	106.78	-26.552E-12	-254.29E-6	5.0857E-9				
1	Grid	58.12885	67.33885	106.80000	-3.71677	106.78	-24.498E-12	-242.51E-6	4.8503E-9				
1	Grid	60.12403	67.33885	106.80000	-4.81189	106.78	-22.603E-12	-231.29E-6	4.6258E-9				
1	Grid	62.11921	67.33885	106.80000	-7.46489	106.78	-20.859E-12	-220.60E-6	4.4120E-9				
1	Grid	64.11439	67.33885	106.80000	-11.11039	106.78	-19.252E-12	-210.43E-6	4.2086E-9				
1	Grid	66.10957	67.33885	106.80000	-12.24094	106.78	-17.777E-12	-200.75E-6	4.0151E-9				
1	Grid	68.10475	67.33885	106.80000	-12.95640	106.78	-16.417E-12	-191.56E-6	3.8311E-9				
1	Grid	70.09993	67.33885	106.80000	-13.47130	106.78	-15.169E-12	-182.82E-6	3.6564E-9				
1	Grid	72.09511	67.33885	106.80000	-13.85743	106.78	-14.023E-12	-174.52E-6	3.4904E-9				
1	Grid	74.09029	67.33885	106.80000	-14.14692	106.78	-12.968E-12	-166.64E-6	3.3328E-9				
1	Grid	76.08547	67.33885	106.80000	-14.35615	106.78	-11.998E-12	-159.16E-6	3.1811E-9				
1	Grid	78.08065	67.33885	106.80000	-14.49366	106.78	-11.109E-12	-152.05E-6	3.0410E-9				
1	Grid	80.07583	67.33885	106.80000	-14.56321	106.78	-10.287E-12	-145.31E-6	2.9062E-9				
1	Grid	82.07101	67.33885	106.80000	-14.56511	106.78	-9.5357E-12	-138.91E-6	2.7782E-9				
1	Grid	84.06619	67.33885	106.80000	-14.49640	106.78	-8.8403E-12	-132.84E-6	2.6568E-9				
1	Grid	86.06137	67.33885	106.80000	-14.35024	106.78	-8.2041E-12	-127.07E-6	2.5415E-9				
1	Grid	88.05655	67.33885	106.80000	-14.11394	106.78	-7.6179E-12	-121.60E-6	2.4320E-9				
1	Grid	90.05173	67.33885	106.80000	-13.76427	106.78	-7.0790E-12	-116.40E-6	2.3281E-9				
1	Grid	92.04691	67.33885	106.80000	-13.25462	106.78	-6.5767E-12	-111.47E-6	2.2294E-9				
1	Grid	94.04209	67.33885	106.80000	-12.47097	106.78	-6.1184E-12	-106.78E-6	2.1357E-9				
1	Grid	96.03727	67.33885	106.80000	-10.97430	106.78	-5.6945E-12	-102.33E-6	2.0478E-9				
1	Grid	98.03245	67.33885	106.80000	-6.36693	106.78	-5.3064E-12	-98.104E-6	1.9621E-9				
1	Grid	100.02763	67.33885	106.80000	-4.79513	106.78	-4.9454E-12	-94.084E-6	1.8817E-9				
1	Grid	102.02281	67.33885	106.80000	-3.94865	106.78	-4.6123E-12	-90.263E-6	1.8053E-9				
1	Grid	104.01799	67.33885	106.80000	-3.35773	106.78	-4.3019E-12	-86.629E-6	1.7326E-9				
1	Grid	106.01317	67.33885	106.80000	-2.80274	106.78	-4.0208E-12	-83.173E-6	1.6635E-9				
1	Grid	108.00835	67.33885	106.80000	-2.53431	106.78	-3.7510E-12	-79.884E-6	1.5977E-9				
1	Grid	110.00353	67.33885	106.80000	-2.22677	106.78	-3.5119E-12	-76.754E-6	1.5351E-9				
1	Grid	111.99871	67.33885	106.80000	-1.96486	106.78	-3.2847E-12	-73.774E-6	1.4755E-9				
1	Grid	113.99388	67.33885	106.80000	-1.73865	106.78	-3.0782E-12	-70.936E-6	1.4187E-9				
1	Grid	115.98906	67.33885	106.80000	-1.52929	106.78	-2.8824E-12	-68.233E-6	1.3646E-9				
1	Grid	117.98424	67.33885	106.80000	-1.36782	106.78	-2.6998E-12	-65.656E-6	1.3131E-9				
1	Grid	119.97942	67.33885	106.80000	-1.21451	106.78	-2.5340E-12	-63.199E-6	1.2640E-9				
1	Grid	121.97460	67.33885	106.80000	-1.07849	106.78	-2.3794E-12	-60.856E-6	1.2171E-9				
1	Grid	123.96978	67.33885	106.80000	-0.95748	106.78	-2.2335E-12	-58.621E-6	1.1724E-9				
1	Grid	125.96496	67.33885	106.80000	-0.84962	106.78	-2.0990E-12	-56.488E-6	1.1298E-9				
1	Grid	127.96014	67.338										

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term					Job No.		Sheet No.	Rev.	
					3244				
					Drg. Ref.				
					Made by	Date	Checked		
					AC				
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
1	Grid	-73.55302	69.21360	106.80000	0.01370	106.78	-19.314E-12	-209.91E-6	4.1982E-9
1	Grid	-71.55784	69.21360	106.80000	0.01219	106.78	-20.893E-12	-219.85E-6	4.3969E-9
1	Grid	-69.56266	69.21360	106.80000	0.01051	106.78	-22.600E-12	-230.26E-6	4.6052E-9
1	Grid	-67.56748	69.21360	106.80000	0.00868	106.78	-24.450E-12	-241.16E-6	4.8233E-9
1	Grid	-65.57230	69.21360	106.80000	0.00668	106.78	-26.448E-12	-252.57E-6	5.0514E-9
1	Grid	-63.57712	69.21360	106.80000	0.00450	106.78	-28.607E-12	-264.48E-6	5.2897E-9
1	Grid	-61.58194	69.21360	106.80000	0.00214	106.78	-30.930E-12	-276.91E-6	5.5383E-9
1	Grid	-59.58676	69.21360	106.80000	-0.00041	106.78	-33.431E-12	-289.86E-6	5.7971E-9
1	Grid	-57.59158	69.21360	106.80000	-0.00316	106.78	-36.116E-12	-303.31E-6	6.0662E-9
1	Grid	-55.59640	69.21360	106.80000	-0.00609	106.78	-38.991E-12	-317.27E-6	6.3455E-9
1	Grid	-53.64942	69.21360	106.80000	-0.00923	106.78	-42.064E-12	-331.72E-6	6.6344E-9
1	Grid	-51.60604	69.21360	106.80000	-0.01256	106.78	-45.338E-12	-346.64E-6	6.9328E-9
1	Grid	-49.61086	69.21360	106.80000	-0.01609	106.78	-48.808E-12	-362.00E-6	7.2400E-9
1	Grid	-47.61568	69.21360	106.80000	-0.01982	106.78	-52.485E-12	-377.76E-6	7.5552E-9
1	Grid	-45.62050	69.21360	106.80000	-0.02373	106.78	-56.354E-12	-393.87E-6	7.8775E-9
1	Grid	-43.63232	69.21360	106.80000	-0.02782	106.78	-60.410E-12	-410.29E-6	8.2058E-9
1	Grid	-41.63014	69.21360	106.80000	-0.03209	106.78	-64.637E-12	-426.93E-6	8.5387E-9
1	Grid	-39.63496	69.21360	106.80000	-0.03651	106.78	-69.023E-12	-443.73E-6	8.8746E-9
1	Grid	-37.63978	69.21360	106.80000	-0.04108	106.78	-73.537E-12	-460.59E-6	9.2117E-9
1	Grid	-35.64460	69.21360	106.80000	-0.04578	106.78	-78.157E-12	-477.41E-6	9.5481E-9
1	Grid	-33.64942	69.21360	106.80000	-0.05059	106.78	-82.842E-12	-494.07E-6	9.8844E-9
1	Grid	-31.65424	69.21360	106.80000	-0.05549	106.78	-87.557E-12	-510.46E-6	10.209E-9
1	Grid	-29.65906	69.21360	106.80000	-0.06046	106.78	-92.251E-12	-526.45E-6	10.529E-9
1	Grid	-27.66388	69.21360	106.80000	-0.06549	106.78	-96.873E-12	-541.89E-6	10.838E-9
1	Grid	-25.66871	69.21360	106.80000	-0.07054	106.78	-101.37E-12	-556.64E-6	11.133E-9
1	Grid	-23.67353	69.21360	106.80000	-0.07569	106.78	-105.68E-12	-570.52E-6	11.412E-9
1	Grid	-21.67835	69.21360	106.80000	-0.08068	106.78	-109.75E-12	-583.49E-6	11.670E-9
1	Grid	-19.68317	69.21360	106.80000	-0.08572	106.78	-113.51E-12	-595.30E-6	11.906E-9
1	Grid	-17.68799	69.21360	106.80000	-0.09074	106.78	-116.91E-12	-605.86E-6	12.117E-9
1	Grid	-15.69281	69.21360	106.80000	-0.09573	106.78	-119.89E-12	-615.02E-6	12.300E-9
1	Grid	-13.69763	69.21360	106.80000	-0.10069	106.78	-122.40E-12	-622.69E-6	12.454E-9
1	Grid	-11.70245	69.21360	106.80000	-0.10565	106.78	-124.39E-12	-628.76E-6	12.575E-9
1	Grid	-9.70727	69.21360	106.80000	-0.11061	106.78	-125.83E-12	-633.16E-6	12.663E-9
1	Grid	-7.71209	69.21360	106.80000	-0.11561	106.78	-126.70E-12	-635.82E-6	12.716E-9
1	Grid	-5.71691	69.21360	106.80000	-0.12071	106.78	-126.97E-12	-636.72E-6	12.734E-9
1	Grid	-3.72173	69.21360	106.80000	-0.12589	106.78	-126.63E-12	-635.84E-6	12.717E-9
1	Grid	-1.72655	69.21360	106.80000	-0.13143	106.78	-125.74E-12	-633.19E-6	12.664E-9
1	Grid	0.26863	69.21360	106.80000	-0.13724	106.78	-124.25E-12	-628.82E-6	12.576E-9
1	Grid	2.26381	69.21360	106.80000	-0.14349	106.78	-122.21E-12	-622.77E-6	12.455E-9
1	Grid	4.25899	69.21360	106.80000	-0.15032	106.78	-119.67E-12	-615.13E-6	12.303E-9
1	Grid	6.25417	69.21360	106.80000	-0.15769	106.78	-116.66E-12	-606.00E-6	12.120E-9
1	Grid	8.24935	69.21360	106.80000	-0.16639	106.78	-113.24E-12	-595.49E-6	11.910E-9
1	Grid	10.24453	69.21360	106.80000	-0.17603	106.78	-109.46E-12	-583.73E-6	11.675E-9
1	Grid	12.23971	69.21360	106.80000	-0.18708	106.78	-105.38E-12	-570.86E-6	11.417E-9
1	Grid	14.23489	69.21360	106.80000	-0.19981	106.78	-101.06E-12	-557.01E-6	11.140E-9
1	Grid	16.23007	69.21360	106.80000	-0.21450	106.78	-96.573E-12	-542.13E-6	10.842E-9
1	Grid	18.22525	69.21360	106.80000	-0.23171	106.78	-91.957E-12	-526.96E-6	10.539E-9
1	Grid	20.22043	69.21360	106.80000	-0.25172	106.78	-87.278E-12	-511.06E-6	10.221E-9
1	Grid	22.21561	69.21360	106.80000	-0.27511	106.78	-82.585E-12	-494.75E-6	9.8951E-9
1	Grid	24.21079	69.21360	106.80000	-0.30249	106.78	-77.918E-12	-478.17E-6	9.5635E-9
1	Grid	26.20597	69.21360	106.80000	-0.33459	106.78	-73.327E-12	-461.44E-6	9.2288E-9
1	Grid	28.20115	69.21360	106.80000	-0.37228	106.78	-68.840E-12	-444.67E-6	8.8934E-9
1	Grid	30.19633	69.21360	106.80000	-0.41664	106.78	-64.481E-12	-427.95E-6	8.5591E-9
1	Grid	32.19151	69.21360	106.80000	-0.46894	106.78	-60.280E-12	-411.39E-6	8.2277E-9
1	Grid	34.18669	69.21360	106.80000	-0.53082	106.78	-56.251E-12	-395.05E-6	7.9009E-9
1	Grid	36.18187	69.21360	106.80000	-0.60422	106.78	-52.411E-12	-379.00E-6	7.5800E-9
1	Grid	38.17705	69.21360	106.80000	-0.69209	106.78	-48.762E-12	-363.30E-6	7.2660E-9
1	Grid	40.17223	69.21360	106.80000	-0.79759	106.78	-45.312E-12	-348.00E-6	6.9600E-9
1	Grid	42.16741	69.21360	106.80000	-0.92546	106.78	-42.061E-12	-333.13E-6	6.6626E-9
1	Grid	44.16259	69.21360	106.80000	-1.08208	106.78	-39.007E-12	-318.72E-6	6.3744E-9
1	Grid	46.15777	69.21360	106.80000	-1.27635	106.78	-36.148E-12	-304.80E-6	6.0899E-9
1	Grid	48.15295	69.21360	106.80000	-1.52087	106.78	-33.479E-12	-291.37E-6	5.8273E-9
1	Grid	50.14813	69.21360	106.80000	-1.83348	106.78	-30.992E-12	-278.44E-6	5.5689E-9
1	Grid	52.14331	69.21360	106.80000	-2.23930	106.78	-28.678E-12	-266.03E-6	5.3206E-9
1	Grid	54.13849	69.21360	106.80000	-2.77543	106.78	-26.528E-12	-254.12E-6	5.0825E-9
1	Grid	56.13367	69.21360	106.80000	-3.51133	106.78	-24.538E-12	-242.72E-6	4.8544E-9
1	Grid	58.12885	69.21360	106.80000	-4.64668	106.78	-22.697E-12	-231.81E-6	4.6363E-9
1	Grid	60.12403	69.21360	106.80000	-7.88188	106.78	-20.991E-12	-221.39E-6	4.4279E-9
1	Grid	62.11921	69.21360	106.80000	-10.99082	106.78	-19.416E-12	-211.45E-6	4.2289E-9
1	Grid	64.11439	69.21360	106.80000	-12.12014	106.78	-17.960E-12	-201.96E-6	4.0391E-9
1	Grid	66.10957	69.21360	106.80000	-14.28565	106.78	-16.620E-12	-192.92E-6	3.8583E-9
1	Grid	68.10475	69.21360	106.80000	-13.39392	106.78	-15.383E-12	-184.30E-6	3.6860E-9
1	Grid	70.09993	69.21360	106.80000	-13.81044	106.78	-14.241E-12	-176.10E-6	3.5220E-9
1	Grid	72.09511	69.21360	106.80000	-14.13511	106.78	-13.190E-12	-168.29E-6	3.3659E-9
1	Grid	74.09029	69.21360	106.80000	-14.38489	106.78	-12.221E-12	-160.87E-6	3.2174E-9
1	Grid	76.08547	69.21360	106.80000	-14.56931	106.78	-11.327E-12	-153.81E-6	3.0761E-9
1	Grid	78.08065	69.21360	106.80000	-14.69365	106.78	-10.504E-12	-147.09E-6	2.9418E-9
1	Grid	80.07583	69.21360	106.80000	-14.76024	106.78	-9.7455E-12	-140.71E-6	2.8141E-9
1	Grid	82.07101	69.21360	106.80000	-14.76911	106.78	-9.0468E-12	-134.64E-6	2.6927E-9
1	Grid	84.06619	69.21360	106.80000	-14.71805	106.78	-8.4026E-12	-128.87E-6	2.5774E-9
1	Grid	86.06137	69.21360	106.80000	-14.60922	106.78	-7.8064E-12	-123.38E-6	2.4677E-9
1	Grid	88.05655	69.21360	106.80000	-14.41305	106.78	-7.2615E-12	-118.17E-6	2.3634E-9
1	Grid	90.05173	69.21360	106.80000	-14.13585	106.78	-6.7546E-12	-113.21E-6	2.2642E-9
1	Grid	92.04691	69.21360	106.80000	-13.74428	106.78	-6.2856E-12	-108.50E-6	2.1700E-9
1	Grid	94.04209	69.21360	106.80000	-13.18518	106.78	-5.8547E-12	-104.02E-6	2.0803E-9
1	Grid	96.03727	69.21360	106.80000	-12.42325	106.78	-5.4576E-12	-99.752E-6	1.9950E-9
1	Grid	98.03245	69.21360	106.80000	-10.56830	106.78	-5.0879E-12	-95.696E-6	1.9139E-9
1	Grid	100.02763	69.21360	106.80000	-6.01102	106.78	-4.7495E-12	-91.837E-6	1.8367E-9
1	Grid	102.02281	69.21360	106.80000	-4.62291	106.78	-4.4345E-12	-88.165E-6	1.7633E-9
1	Grid	104.01799	69.21360	106.80000	-3.82377	106.78	-4.1420E-12	-84.669E-6	1.6934E-9
1	Grid	106.01317	69.21360	106.80000	-3.25280	106.78	-3.8709E-12	-81.340E-6	1.6268E-9
1	Grid	108.00835	69.21360	106.80000	-2.81064	106.78	-3.6211E-12	-78.169E-6	1.5634E-9
1	Grid	110.00353	69.21360	106.80000	-2.44998	106.78	-3.3893E-12	-75.149E-6	1.5030E-9
1	Grid	111.99871	69.21360	106.80000	-2.14817	106.78	-3.1748E-12	-72.271E-6	1.4454E-9
1	Grid	113.99389	69.21360	106.80000	-1.89088	106.78	-2.9736E-12	-69.527E-6	1.3905E-9
1	Grid	115.98906	69.21360	106.80000	-1.66610	106.78	-2.7878E-12	-66.912E-6	1.3382E-9
1	Grid	117.98424	69.21360	1					



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	-93.50482	71.08835	106.80000	0.02254	106.78	-8.4979E-12	-129.27E-6	2.5853E-9
1	Grid	-91.50964	71.08835	106.80000	0.02221	106.78	-9.1407E-12	-134.99E-6	2.6998E-9
1	Grid	-89.51446	71.08835	106.80000	0.02180	106.78	-9.8428E-12	-141.00E-6	2.8201E-9
1	Grid	-87.51928	71.08835	106.80000	0.02131	106.78	-10.598E-12	-147.32E-6	2.9464E-9
1	Grid	-85.52410	71.08835	106.80000	0.02075	106.78	-11.420E-12	-153.96E-6	3.0791E-9
1	Grid	-83.52892	71.08835	106.80000	0.02009	106.78	-12.309E-12	-160.92E-6	3.2185E-9
1	Grid	-81.53374	71.08835	106.80000	0.01934	106.78	-13.269E-12	-168.24E-6	3.3648E-9
1	Grid	-79.53856	71.08835	106.80000	0.01848	106.78	-14.314E-12	-175.91E-6	3.5182E-9
1	Grid	-77.54338	71.08835	106.80000	0.01751	106.78	-15.441E-12	-183.96E-6	3.6792E-9
1	Grid	-75.54820	71.08835	106.80000	0.01643	106.78	-16.659E-12	-192.40E-6	3.8479E-9
1	Grid	-73.55302	71.08835	106.80000	0.01522	106.78	-17.980E-12	-201.23E-6	4.0246E-9
1	Grid	-71.55784	71.08835	106.80000	0.01388	106.78	-19.403E-12	-210.48E-6	4.2096E-9
1	Grid	-69.56266	71.08835	106.80000	0.01240	106.78	-20.942E-12	-220.15E-6	4.4030E-9
1	Grid	-67.56748	71.08835	106.80000	0.01078	106.78	-22.600E-12	-230.26E-6	4.6051E-9
1	Grid	-65.57230	71.08835	106.80000	0.00901	106.78	-24.388E-12	-240.80E-6	4.8160E-9
1	Grid	-63.57712	71.08835	106.80000	0.00708	106.78	-26.308E-12	-251.79E-6	5.0357E-9
1	Grid	-61.58194	71.08835	106.80000	0.00499	106.78	-28.369E-12	-263.22E-6	5.2643E-9
1	Grid	-59.58676	71.08835	106.80000	0.00274	106.78	-30.580E-12	-275.09E-6	5.5019E-9
1	Grid	-57.59158	71.08835	106.80000	0.00032	106.78	-32.944E-12	-287.41E-6	5.7481E-9
1	Grid	-55.59640	71.08835	106.80000	-0.00228	106.78	-35.467E-12	-300.15E-6	6.0029E-9
1	Grid	-53.60122	71.08835	106.80000	-0.00505	106.78	-38.151E-12	-313.30E-6	6.2699E-9
1	Grid	-51.60604	71.08835	106.80000	-0.00799	106.78	-41.000E-12	-326.84E-6	6.5367E-9
1	Grid	-49.61086	71.08835	106.80000	-0.01111	106.78	-44.010E-12	-340.74E-6	6.8147E-9
1	Grid	-47.61568	71.08835	106.80000	-0.01440	106.78	-47.181E-12	-354.96E-6	7.0992E-9
1	Grid	-45.62050	71.08835	106.80000	-0.01785	106.78	-50.508E-12	-369.46E-6	7.3893E-9
1	Grid	-43.62532	71.08835	106.80000	-0.02149	106.78	-53.980E-12	-384.39E-6	7.6849E-9
1	Grid	-41.63014	71.08835	106.80000	-0.02522	106.78	-57.584E-12	-399.09E-6	7.9818E-9
1	Grid	-39.63496	71.08835	106.80000	-0.02913	106.78	-61.308E-12	-414.08E-6	8.2815E-9
1	Grid	-37.63978	71.08835	106.80000	-0.03316	106.78	-65.126E-12	-429.08E-6	8.5815E-9
1	Grid	-35.64460	71.08835	106.80000	-0.03731	106.78	-69.015E-12	-444.00E-6	8.8800E-9
1	Grid	-33.64942	71.08835	106.80000	-0.04159	106.78	-72.948E-12	-458.75E-6	9.1751E-9
1	Grid	-31.65424	71.08835	106.80000	-0.04591	106.78	-76.890E-12	-473.22E-6	9.4645E-9
1	Grid	-29.65906	71.08835	106.80000	-0.05032	106.78	-80.801E-12	-487.30E-6	9.7460E-9
1	Grid	-27.66388	71.08835	106.80000	-0.05480	106.78	-84.640E-12	-500.87E-6	10.017E-9
1	Grid	-25.66871	71.08835	106.80000	-0.05931	106.78	-88.366E-12	-513.80E-6	10.276E-9
1	Grid	-23.67353	71.08835	106.80000	-0.06386	106.78	-91.924E-12	-525.93E-6	10.520E-9
1	Grid	-21.67835	71.08835	106.80000	-0.06842	106.78	-95.273E-12	-537.27E-6	10.745E-9
1	Grid	-19.68317	71.08835	106.80000	-0.07300	106.78	-98.364E-12	-547.57E-6	10.951E-9
1	Grid	-17.68799	71.08835	106.80000	-0.07759	106.78	-101.15E-12	-556.76E-6	11.135E-9
1	Grid	-15.69281	71.08835	106.80000	-0.08219	106.78	-103.59E-12	-564.73E-6	11.295E-9
1	Grid	-13.69762	71.08835	106.80000	-0.08681	106.78	-105.64E-12	-571.93E-6	11.428E-9
1	Grid	-11.70245	71.08835	106.80000	-0.09148	106.78	-107.27E-12	-576.66E-6	11.533E-9
1	Grid	-9.70727	71.08835	106.80000	-0.09621	106.78	-108.45E-12	-580.48E-6	11.610E-9
1	Grid	-7.71209	71.08835	106.80000	-0.10105	106.78	-109.15E-12	-582.79E-6	11.656E-9
1	Grid	-5.71691	71.08835	106.80000	-0.10605	106.78	-109.38E-12	-583.57E-6	11.671E-9
1	Grid	-3.72173	71.08835	106.80000	-0.11129	106.78	-109.11E-12	-582.93E-6	11.656E-9
1	Grid	-1.72655	71.08835	106.80000	-0.11678	106.78	-108.37E-12	-580.53E-6	11.611E-9
1	Grid	0.26863	71.08835	106.80000	-0.12269	106.78	-107.16E-12	-576.74E-6	11.535E-9
1	Grid	2.26381	71.08835	106.80000	-0.12912	106.78	-105.50E-12	-571.50E-6	11.430E-9
1	Grid	4.25899	71.08835	106.80000	-0.13619	106.78	-103.42E-12	-564.88E-6	11.298E-9
1	Grid	6.25417	71.08835	106.80000	-0.14405	106.78	-100.96E-12	-556.95E-6	11.139E-9
1	Grid	8.24935	71.08835	106.80000	-0.15296	106.78	-98.155E-12	-547.80E-6	10.956E-9
1	Grid	10.24453	71.08835	106.80000	-0.16305	106.78	-95.053E-12	-537.55E-6	10.751E-9
1	Grid	12.23971	71.08835	106.80000	-0.17460	106.78	-91.697E-12	-526.31E-6	10.526E-9
1	Grid	14.23489	71.08835	106.80000	-0.18790	106.78	-88.134E-12	-514.20E-6	10.284E-9
1	Grid	16.23007	71.08835	106.80000	-0.20329	106.78	-84.412E-12	-501.33E-6	10.027E-9
1	Grid	18.22525	71.08835	106.80000	-0.22115	106.78	-80.582E-12	-487.84E-6	9.7567E-9
1	Grid	20.22043	71.08835	106.80000	-0.24194	106.78	-76.679E-12	-473.83E-6	9.4766E-9
1	Grid	22.21561	71.08835	106.80000	-0.26619	106.78	-72.756E-12	-459.44E-6	9.1887E-9
1	Grid	24.21079	71.08835	106.80000	-0.29454	106.78	-68.838E-12	-444.76E-6	8.8952E-9
1	Grid	26.20597	71.08835	106.80000	-0.32776	106.78	-64.967E-12	-429.93E-6	8.5982E-9
1	Grid	28.20115	71.08835	106.80000	-0.36671	106.78	-61.170E-12	-414.98E-6	8.2997E-9
1	Grid	30.19633	71.08835	106.80000	-0.41256	106.78	-57.469E-12	-400.07E-6	8.0013E-9
1	Grid	32.19151	71.08835	106.80000	-0.46668	106.78	-53.886E-12	-385.24E-6	7.7048E-9
1	Grid	34.18669	71.08835	106.80000	-0.53082	106.78	-50.437E-12	-370.58E-6	7.4115E-9
1	Grid	36.18187	71.08835	106.80000	-0.60723	106.78	-47.132E-12	-356.13E-6	7.1227E-9
1	Grid	38.17705	71.08835	106.80000	-0.69887	106.78	-43.981E-12	-341.96E-6	6.8393E-9
1	Grid	40.17223	71.08835	106.80000	-0.80970	106.78	-40.989E-12	-328.11E-6	6.5623E-9
1	Grid	42.16741	71.08835	106.80000	-0.94525	106.78	-38.161E-12	-314.62E-6	6.2923E-9
1	Grid	44.16259	71.08835	106.80000	-1.11343	106.78	-35.490E-12	-301.50E-6	6.0300E-9
1	Grid	46.15777	71.08835	106.80000	-1.32086	106.78	-32.982E-12	-288.79E-6	5.7759E-9
1	Grid	48.15295	71.08835	106.80000	-1.60175	106.78	-30.630E-12	-276.51E-6	5.5301E-9
1	Grid	50.14813	71.08835	106.80000	-1.97033	106.78	-28.432E-12	-264.65E-6	5.2930E-9
1	Grid	52.14331	71.08835	106.80000	-2.48084	106.78	-26.379E-12	-253.23E-6	5.0646E-9
1	Grid	54.13849	71.08835	106.80000	-3.21732	106.78	-24.464E-12	-242.25E-6	4.8450E-9
1	Grid	56.13367	71.08835	106.80000	-4.39198	106.78	-22.683E-12	-231.71E-6	4.6342E-9
1	Grid	58.12885	71.08835	106.80000	-8.10244	106.78	-21.031E-12	-221.61E-6	4.4321E-9
1	Grid	60.12403	71.08835	106.80000	-10.78913	106.78	-19.496E-12	-211.93E-6	4.2386E-9
1	Grid	62.11921	71.08835	106.80000	-11.92512	106.78	-18.071E-12	-202.67E-6	4.0534E-9
1	Grid	64.11439	71.08835	106.80000	-12.68198	106.78	-16.756E-12	-193.82E-6	3.8764E-9
1	Grid	66.10957	71.08835	106.80000	-13.25083	106.78	-15.536E-12	-185.37E-6	3.7074E-9
1	Grid	68.10475	71.08835	106.80000	-13.69881	106.78	-14.407E-12	-177.30E-6	3.5460E-9
1	Grid	70.09993	71.08835	106.80000	-14.05748	106.78	-13.365E-12	-169.60E-6	3.3921E-9
1	Grid	72.09511	71.08835	106.80000	-14.34412	106.78	-12.403E-12	-162.27E-6	3.2453E-9
1	Grid	74.09029	71.08835	106.80000	-14.56899	106.78	-11.513E-12	-155.27E-6	3.1055E-9
1	Grid	76.08547	71.08835	106.80000	-14.73048	106.78	-10.691E-12	-148.61E-6	2.9722E-9
1	Grid	78.08065	71.08835	106.80000	-14.85562	106.78	-9.9314E-12	-142.26E-6	2.8453E-9
1	Grid	80.07583	71.08835	106.80000	-14.92261	106.78	-9.2286E-12	-136.22E-6	2.7244E-9
1	Grid	82.07101	71.08835	106.80000	-14.93925	106.78	-8.5791E-12	-130.46E-6	2.6093E-9
1	Grid	84.06619	71.08835	106.80000	-14.90393	106.78	-7.9823E-12	-124.99E-6	2.4997E-9
1	Grid	86.06137	71.08835	106.80000	-14.81814	106.78	-7.4261E-12	-119.73E-6	2.3954E-9
1	Grid	88.05655	71.08835	106.80000	-14.66085	106.78	-6.9138E-12	-114.80E-6	2.2961E-9
1	Grid	90.05173	71.08835	106.80000	-14.43721	106.78	-6.4422E-12	-110.08E-6	2.2015E-9
1	Grid	92.04691	71.08835	106.80000	-14.12576	106.78	-6.0045E-12	-105.57E-6	2.1115E-9
1	Grid	94.04209	71.08835	106.80000	-13.69700	106.78	-5.6009E-12	-101.29E-6	2.0258E-9
1	Grid	96.03727	71.08835	106.80000	-13.20940	106.78	-5.2272E-12	-97.20E-6	1.9442E-9
1	Grid	98.03245	71.08835	106.80000	-12.14384	106.78	-4.8788E-12	-93.320E-6	1.8664E-9
1	Grid	100.02763	71.08835	106.80000	-10.02392	106.78	-4.5577E-12	-89.618E-6	1.7924E-9

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term										Job No.	Sheet No.	Rev.			
										3244					
										Drg. Ref.					
Made by AC					Date		Checked								
Ref.	Name	x	y	z	δz	Stress: Calc. Level [MOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]						
		[m]	[m]	[MOD]	[mm]										
1	Grid	165.86856	71.08835	106.80000	-0.05352	106.78	0.0	-28.177E-6	563.53E-12						
1	Grid	167.86374	71.08835	106.80000	-0.04354	106.78	0.0	-27.341E-6	546.82E-12						
1	Grid	169.85892	71.08835	106.80000	-0.03473	106.78	0.0	-26.537E-6	530.73E-12						
1	Grid	171.85410	71.08835	106.80000	-0.02696	106.78	0.0	-25.763E-6	515.25E-12						
1	Grid	173.84928	71.08835	106.80000	-0.02011	106.78	0.0	-25.017E-6	500.35E-12						
1	Grid	175.84446	71.08835	106.80000	-0.01408	106.78	0.0	-24.300E-6	485.99E-12						
1	Grid	177.83964	71.08835	106.80000	-0.00878	106.78	0.0	-23.608E-6	472.16E-12						
1	Grid	179.83482	71.08835	106.80000	-0.00412	106.78	0.0	-22.942E-6	458.84E-12						
1	Grid	181.83000	71.08835	106.80000	-0.00004	106.78	0.0	-22.300E-6	445.99E-12						
1	Grid	-95.50000	72.96309	106.80000	0.02313	106.78	-7.5040E-12	-120.09E-6	2.4018E-9						
1	Grid	-93.50482	72.96309	106.80000	0.02292	106.78	-8.0569E-12	-125.26E-6	2.5052E-9						
1	Grid	-91.50964	72.96309	106.80000	0.02265	106.78	-8.6577E-12	-130.69E-6	2.6138E-9						
1	Grid	-89.51446	72.96309	106.80000	0.02231	106.78	-9.3039E-12	-136.38E-6	2.7276E-9						
1	Grid	-87.51928	72.96309	106.80000	0.02190	106.78	-10.001E-12	-142.35E-6	2.8470E-9						
1	Grid	-85.52410	72.96309	106.80000	0.02142	106.78	-10.757E-12	-148.61E-6	2.9722E-9						
1	Grid	-83.52892	72.96309	106.80000	0.02085	106.78	-11.574E-12	-155.17E-6	3.1035E-9						
1	Grid	-81.53374	72.96309	106.80000	0.02020	106.78	-12.455E-12	-162.05E-6	3.2410E-9						
1	Grid	-79.53856	72.96309	106.80000	0.01946	106.78	-13.407E-12	-169.25E-6	3.3850E-9						
1	Grid	-77.54338	72.96309	106.80000	0.01861	106.78	-14.434E-12	-176.79E-6	3.5358E-9						
1	Grid	-75.54820	72.96309	106.80000	0.01767	106.78	-15.544E-12	-184.67E-6	3.6935E-9						
1	Grid	-73.55302	72.96309	106.80000	0.01661	106.78	-16.739E-12	-192.92E-6	3.8583E-9						
1	Grid	-71.55784	72.96309	106.80000	0.01543	106.78	-18.024E-12	-201.53E-6	4.0305E-9						
1	Grid	-69.56266	72.96309	106.80000	0.01413	106.78	-19.407E-12	-210.51E-6	4.2102E-9						
1	Grid	-67.56748	72.96309	106.80000	0.01271	106.78	-20.898E-12	-219.87E-6	4.3975E-9						
1	Grid	-65.57230	72.96309	106.80000	0.01115	106.78	-22.494E-12	-229.62E-6	4.5925E-9						
1	Grid	-63.57712	72.96309	106.80000	0.00945	106.78	-24.204E-12	-239.76E-6	4.7952E-9						
1	Grid	-61.58194	72.96309	106.80000	0.00761	106.78	-26.037E-12	-250.28E-6	5.0056E-9						
1	Grid	-59.58676	72.96309	106.80000	0.00562	106.78	-27.996E-12	-261.18E-6	5.2236E-9						
1	Grid	-57.59158	72.96309	106.80000	0.00348	106.78	-30.080E-12	-272.46E-6	5.4491E-9						
1	Grid	-55.59640	72.96309	106.80000	0.00119	106.78	-32.296E-12	-284.09E-6	5.6818E-9						
1	Grid	-53.60122	72.96309	106.80000	-0.00125	106.78	-34.644E-12	-296.07E-6	5.9215E-9						
1	Grid	-51.60604	72.96309	106.80000	-0.00385	106.78	-37.128E-12	-308.38E-6	6.1675E-9						
1	Grid	-49.61086	72.96309	106.80000	-0.00660	106.78	-39.740E-12	-320.97E-6	6.4194E-9						
1	Grid	-47.61568	72.96309	106.80000	-0.00950	106.78	-42.483E-12	-333.83E-6	6.6765E-9						
1	Grid	-45.62050	72.96309	106.80000	-0.01254	106.78	-45.348E-12	-346.90E-6	6.9380E-9						
1	Grid	-43.62532	72.96309	106.80000	-0.01573	106.78	-48.329E-12	-360.14E-6	7.2028E-9						
1	Grid	-41.63014	72.96309	106.80000	-0.01905	106.78	-51.410E-12	-373.49E-6	7.4698E-9						
1	Grid	-39.63496	72.96309	106.80000	-0.02250	106.78	-54.582E-12	-386.89E-6	7.7379E-9						
1	Grid	-37.63978	72.96309	106.80000	-0.02606	106.78	-57.822E-12	-400.27E-6	8.0055E-9						
1	Grid	-35.64460	72.96309	106.80000	-0.02973	106.78	-61.110E-12	-413.55E-6	8.2710E-9						
1	Grid	-33.64942	72.96309	106.80000	-0.03350	106.78	-64.424E-12	-426.64E-6	8.5328E-9						
1	Grid	-31.65424	72.96309	106.80000	-0.03736	106.78	-67.732E-12	-439.45E-6	8.7890E-9						
1	Grid	-29.65906	72.96309	106.80000	-0.04129	106.78	-71.004E-12	-451.88E-6	9.0377E-9						
1	Grid	-27.66388	72.96309	106.80000	-0.04528	106.78	-74.209E-12	-463.84E-6	9.2768E-9						
1	Grid	-25.66871	72.96309	106.80000	-0.04933	106.78	-77.307E-12	-475.21E-6	9.5043E-9						
1	Grid	-23.67353	72.96309	106.80000	-0.05342	106.78	-80.260E-12	-485.90E-6	9.7181E-9						
1	Grid	-21.67835	72.96309	106.80000	-0.05756	106.78	-83.034E-12	-495.80E-6	9.9161E-9						
1	Grid	-19.68317	72.96309	106.80000	-0.06173	106.78	-85.588E-12	-504.82E-6	10.096E-9						
1	Grid	-17.68799	72.96309	106.80000	-0.06595	106.78	-87.887E-12	-512.85E-6	10.257E-9						
1	Grid	-15.69281	72.96309	106.80000	-0.07021	106.78	-89.889E-12	-519.80E-6	10.396E-9						
1	Grid	-13.69763	72.96309	106.80000	-0.07454	106.78	-91.578E-12	-525.61E-6	10.512E-9						
1	Grid	-11.70245	72.96309	106.80000	-0.07895	106.78	-92.916E-12	-530.21E-6	10.604E-9						
1	Grid	-9.70727	72.96309	106.80000	-0.08349	106.78	-93.883E-12	-533.53E-6	10.671E-9						
1	Grid	-7.71209	72.96309	106.80000	-0.08818	106.78	-94.462E-12	-535.55E-6	10.711E-9						
1	Grid	-5.71691	72.96309	106.80000	-0.09308	106.78	-94.646E-12	-536.23E-6	10.725E-9						
1	Grid	-3.72173	72.96309	106.80000	-0.09826	106.78	-94.432E-12	-535.58E-6	10.712E-9						
1	Grid	-1.72655	72.96309	106.80000	-0.10380	106.78	-93.825E-12	-533.59E-6	10.672E-9						
1	Grid	0.26863	72.96309	106.80000	-0.10979	106.78	-92.832E-12	-530.30E-6	10.606E-9						
1	Grid	2.26381	72.96309	106.80000	-0.11635	106.78	-91.473E-12	-525.74E-6	10.515E-9						
1	Grid	4.25899	72.96309	106.80000	-0.12362	106.78	-89.766E-12	-519.97E-6	10.399E-9						
1	Grid	6.25417	72.96309	106.80000	-0.13176	106.78	-87.740E-12	-513.06E-6	10.261E-9						
1	Grid	8.24935	72.96309	106.80000	-0.14094	106.78	-85.430E-12	-505.07E-6	10.101E-9						
1	Grid	10.24453	72.96309	106.80000	-0.15139	106.78	-82.868E-12	-496.11E-6	9.9222E-9						
1	Grid	12.23971	72.96309	106.80000	-0.16335	106.78	-80.089E-12	-486.26E-6	9.7252E-9						
1	Grid	14.23489	72.96309	106.80000	-0.17711	106.78	-77.134E-12	-475.63E-6	9.5126E-9						
1	Grid	16.23007	72.96309	106.80000	-0.19261	106.78	-74.037E-12	-464.32E-6	9.2833E-9						
1	Grid	18.22525	72.96309	106.80000	-0.21143	106.78	-70.841E-12	-452.42E-6	9.0485E-9						
1	Grid	20.22043	72.96309	106.80000	-0.23284	106.78	-67.577E-12	-440.06E-6	8.8011E-9						
1	Grid	22.21561	72.96309	106.80000	-0.25778	106.78	-64.279E-12	-427.31E-6	8.5463E-9						
1	Grid	24.21079	72.96309	106.80000	-0.28689	106.78	-60.978E-12	-414.29E-6	8.2858E-9						
1	Grid	26.20597	72.96309	106.80000	-0.32096	106.78	-57.705E-12	-401.08E-6	8.0216E-9						
1	Grid	28.20115	72.96309	106.80000	-0.36092	106.78	-54.480E-12	-387.77E-6	7.7553E-9						
1	Grid	30.19633	72.96309	106.80000	-0.40794	106.78	-51.328E-12	-374.43E-6	7.4886E-9						
1	Grid	32.19151	72.96309	106.80000	-0.46348	106.78	-48.262E-12	-361.14E-6	7.2227E-9						
1	Grid	34.18669	72.96309	106.80000	-0.52938	106.78	-45.301E-12	-347.95E-6	6.9591E-9						
1	Grid	36.18187	72.96309	106.80000	-0.60606	106.78	-42.455E-12	-334.93E-6	6.6987E-9						
1	Grid	38.17705	72.96309	106.80000	-0.70273	106.78	-39.728E-12	-322.13E-6	6.4425E-9						
1															

Oasys
Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]
1	Grid	145.91676	72.96309	106.80000	-0.27318	106.78	-1.0851E-12	-38.096E-9	761.92E-12
1	Grid	147.91194	72.96309	106.80000	-0.23743	106.78	-1.0272E-12	-36.876E-9	737.53E-12
1	Grid	149.90712	72.96309	106.80000	-0.20586	106.78	0.0	-35.706E-9	714.12E-12
1	Grid	151.90230	72.96309	106.80000	-0.17798	106.78	0.0	-34.582E-9	691.65E-12
1	Grid	153.89748	72.96309	106.80000	-0.15337	106.78	0.0	-33.503E-9	670.06E-12
1	Grid	155.89266	72.96309	106.80000	-0.13163	106.78	0.0	-32.466E-9	649.33E-12
1	Grid	157.88784	72.96309	106.80000	-0.11244	106.78	0.0	-31.470E-9	629.40E-12
1	Grid	159.88302	72.96309	106.80000	-0.09548	106.78	0.0	-30.512E-9	610.25E-12
1	Grid	161.87820	72.96309	106.80000	-0.08052	106.78	0.0	-29.592E-9	591.83E-12
1	Grid	163.87338	72.96309	106.80000	-0.06731	106.78	0.0	-28.706E-9	574.12E-12
1	Grid	165.86856	72.96309	106.80000	-0.05565	106.78	0.0	-27.854E-9	557.08E-12
1	Grid	167.86374	72.96309	106.80000	-0.04537	106.78	0.0	-27.034E-9	540.68E-12
1	Grid	169.85892	72.96309	106.80000	-0.03630	106.78	0.0	-26.245E-9	524.89E-12
1	Grid	171.85410	72.96309	106.80000	-0.02831	106.78	0.0	-25.485E-9	509.69E-12
1	Grid	173.84928	72.96309	106.80000	-0.02128	106.78	0.0	-24.753E-9	495.05E-12
1	Grid	175.84446	72.96309	106.80000	-0.01610	106.78	0.0	-24.047E-9	480.95E-12
1	Grid	177.83964	72.96309	106.80000	-0.00966	106.78	0.0	-23.368E-9	467.35E-12
1	Grid	179.83482	72.96309	106.80000	-0.00489	106.78	0.0	-22.712E-9	454.25E-12
1	Grid	181.83000	72.96309	106.80000	-0.00071	106.78	0.0	-22.081E-9	441.61E-12
1	Grid	-95.50000	74.83784	106.80000	0.02343	106.78	-7.1250E-12	-116.45E-9	2.3289E-9
1	Grid	-93.50482	74.83784	106.80000	0.02327	106.78	-7.6392E-12	-121.66E-9	2.4271E-9
1	Grid	-91.50964	74.83784	106.80000	0.02305	106.78	-8.1948E-12	-126.50E-9	2.5300E-9
1	Grid	-89.51446	74.83784	106.80000	0.02278	106.78	-8.7910E-12	-131.89E-9	2.6378E-9
1	Grid	-87.51928	74.83784	106.80000	0.02244	106.78	-9.4378E-12	-137.53E-9	2.7506E-9
1	Grid	-85.52410	74.83784	106.80000	0.02203	106.78	-10.133E-12	-143.44E-9	2.8687E-9
1	Grid	-83.52892	74.83784	106.80000	0.02159	106.78	-10.883E-12	-149.31E-9	2.9923E-9
1	Grid	-81.53374	74.83784	106.80000	0.02100	106.78	-11.691E-12	-156.08E-9	3.1216E-9
1	Grid	-79.53856	74.83784	106.80000	0.02035	106.78	-12.558E-12	-162.83E-9	3.2567E-9
1	Grid	-77.54338	74.83784	106.80000	0.01963	106.78	-13.497E-12	-169.89E-9	3.3979E-9
1	Grid	-75.54820	74.83784	106.80000	0.01880	106.78	-14.502E-12	-177.27E-9	3.5453E-9
1	Grid	-73.55302	74.83784	106.80000	0.01789	106.78	-15.584E-12	-184.96E-9	3.6991E-9
1	Grid	-71.55784	74.83784	106.80000	0.01685	106.78	-16.745E-12	-192.97E-9	3.8594E-9
1	Grid	-69.56266	74.83784	106.80000	0.01572	106.78	-17.993E-12	-201.32E-9	4.0263E-9
1	Grid	-67.56748	74.83784	106.80000	0.01447	106.78	-19.328E-12	-210.00E-9	4.2000E-9
1	Grid	-65.57230	74.83784	106.80000	0.01310	106.78	-20.759E-12	-219.02E-9	4.3803E-9
1	Grid	-63.57712	74.83784	106.80000	0.01161	106.78	-22.283E-12	-228.37E-9	4.5674E-9
1	Grid	-61.58194	74.83784	106.80000	0.00999	106.78	-23.913E-12	-238.06E-9	4.7611E-9
1	Grid	-59.58676	74.83784	106.80000	0.00824	106.78	-25.647E-12	-248.07E-9	4.9614E-9
1	Grid	-57.59158	74.83784	106.80000	0.00636	106.78	-27.485E-12	-258.40E-9	5.1681E-9
1	Grid	-55.59640	74.83784	106.80000	0.00434	106.78	-29.434E-12	-269.04E-9	5.3808E-9
1	Grid	-53.60122	74.83784	106.80000	0.00219	106.78	-31.493E-12	-279.97E-9	5.5993E-9
1	Grid	-51.60604	74.83784	106.80000	-0.00010	106.78	-33.663E-12	-291.16E-9	5.8232E-9
1	Grid	-49.61086	74.83784	106.80000	-0.00252	106.78	-35.935E-12	-302.59E-9	6.0517E-9
1	Grid	-47.61568	74.83784	106.80000	-0.00507	106.78	-38.314E-12	-314.22E-9	6.2844E-9
1	Grid	-45.62050	74.83784	106.80000	-0.00776	106.78	-40.787E-12	-326.02E-9	6.5204E-9
1	Grid	-43.62532	74.83784	106.80000	-0.01051	106.78	-43.351E-12	-337.97E-9	6.7589E-9
1	Grid	-41.63014	74.83784	106.80000	-0.01350	106.78	-45.994E-12	-349.94E-9	6.9987E-9
1	Grid	-39.63496	74.83784	106.80000	-0.01654	106.78	-48.704E-12	-361.94E-9	7.2389E-9
1	Grid	-37.63978	74.83784	106.80000	-0.01970	106.78	-51.460E-12	-373.90E-9	7.4780E-9
1	Grid	-35.64460	74.83784	106.80000	-0.02295	106.78	-54.251E-12	-385.74E-9	7.7148E-9
1	Grid	-33.64942	74.83784	106.80000	-0.02638	106.78	-57.053E-12	-397.58E-9	7.9497E-9
1	Grid	-31.65424	74.83784	106.80000	-0.02973	106.78	-59.843E-12	-408.75E-9	8.1751E-9
1	Grid	-29.65906	74.83784	106.80000	-0.03323	106.78	-62.594E-12	-419.77E-9	8.3953E-9
1	Grid	-27.66388	74.83784	106.80000	-0.03681	106.78	-65.277E-12	-430.34E-9	8.6067E-9
1	Grid	-25.66871	74.83784	106.80000	-0.04045	106.78	-67.866E-12	-440.37E-9	8.8074E-9
1	Grid	-23.67353	74.83784	106.80000	-0.04419	106.78	-70.330E-12	-449.97E-9	8.9976E-9
1	Grid	-21.67835	74.83784	106.80000	-0.04791	106.78	-72.637E-12	-458.49E-9	9.1698E-9
1	Grid	-19.68317	74.83784	106.80000	-0.05173	106.78	-74.756E-12	-466.40E-9	9.3281E-9
1	Grid	-17.68799	74.83784	106.80000	-0.05563	106.78	-76.660E-12	-473.44E-9	9.4689E-9
1	Grid	-15.69281	74.83784	106.80000	-0.05960	106.78	-78.321E-12	-479.54E-9	9.5908E-9
1	Grid	-13.69763	74.83784	106.80000	-0.06367	106.78	-79.714E-12	-484.62E-9	9.6925E-9
1	Grid	-11.70245	74.83784	106.80000	-0.06786	106.78	-80.819E-12	-488.64E-9	9.7728E-9
1	Grid	-9.70727	74.83784	106.80000	-0.07222	106.78	-81.615E-12	-491.55E-9	9.8310E-9
1	Grid	-7.71209	74.83784	106.80000	-0.07677	106.78	-82.094E-12	-493.32E-9	9.8663E-9
1	Grid	-5.71691	74.83784	106.80000	-0.08159	106.78	-82.250E-12	-493.92E-9	9.8783E-9
1	Grid	-3.72173	74.83784	106.80000	-0.08671	106.78	-82.075E-12	-493.35E-9	9.8670E-9
1	Grid	-1.72655	74.83784	106.80000	-0.09227	106.78	-81.575E-12	-491.62E-9	9.8324E-9
1	Grid	0.26863	74.83784	106.80000	-0.09832	106.78	-80.758E-12	-488.75E-9	9.7749E-9
1	Grid	2.26381	74.83784	106.80000	-0.10498	106.78	-79.636E-12	-484.77E-9	9.6953E-9
1	Grid	4.25899	74.83784	106.80000	-0.11240	106.78	-78.227E-12	-479.72E-9	9.5944E-9
1	Grid	6.25417	74.83784	106.80000	-0.12029	106.78	-76.554E-12	-473.67E-9	9.4743E-9
1	Grid	8.24935	74.83784	106.80000	-0.13014	106.78	-74.640E-12	-466.67E-9	9.3335E-9
1	Grid	10.24453	74.83784	106.80000	-0.14086	106.78	-72.510E-12	-458.81E-9	9.1762E-9
1	Grid	12.23971	74.83784	106.80000	-0.15314	106.78	-70.201E-12	-450.15E-9	9.0031E-9
1	Grid	14.23489	74.83784	106.80000	-0.16725	106.78	-67.736E-12	-440.79E-9	8.8159E-9
1	Grid	16.23007	74.83784	106.80000	-0.18353	106.78	-65.151E-12	-430.82E-9	8.6163E-9
1	Grid	18.22525	74.83784	106.80000	-0.20238	106.78	-62.469E-12	-420.31E-9	8.4061E-9
1	Grid	20.22043	74.83784	106.80000	-0.22426	106.78	-59.725E-12	-409.35E-9	8.1870E-9
1	Grid	22.21561	74.83784	106.80000	-0.24970	106.78	-56.946E-12	-398.04E-9	7.9608E-9
1	Grid	24.21079	74.83784	106.80000	-0.27937	106.78	-54.155E-12	-386.46E-9	7.7292E-9
1	Grid	26.20597	74.83784	106.80000	-0.31406	106.78	-51.376E-12	-374.68E-9	7.4936E-9
1	Grid	28.20115	74.83784	106.80000	-0.35472	106.78	-48.632E-12	-362.78E-9	7.2556E-9
1	Grid	30.19633	74.83784	106.80000	-0.40255	106.78	-45.936E-12	-350.83E-9	7.0166E-9
1	Grid	32.19151	74.83784	106.80000	-0.45905	106.78	-43.305E-12	-338.89E-9	6.7778E-9
1	Grid	34.18669	74.83784	106.80000	-0.52614	106.78	-40.759E-12	-327.02E-9	6.5404E-9
1	Grid	36.18187	74.83784	106.80000	-0.60383	106.78	-38.299E-12	-315.27E-9	6.3053E-9
1	Grid	38.17705	74.83784	106.80000	-0.70301	106.78	-35.931E-12	-303.67E-9	6.0735E-9
1	Grid	40.17223	74.83784	106.80000	-0.82087	106.78	-33.669E-12	-292.29E-9	5.8457E-9
1	Grid	42.16741	74.83784	106.80000	-0.96675	106.78	-31.513E-12	-281.13E-9	5.6226E-9
1	Grid	44.16259	74.83784	106.80000	-1.15114	106.78	-29.466E-12	-270.23E-9	5.4047E-9
1	Grid	46.15777	74.83784	106.80000	-1.39156	106.78	-27.527E-12	-259.62E-9	5.1924E-9
1	Grid	48.15295	74.83784	106.80000	-1.72137	106.78	-25.695E-12	-249.31E-9	4.9862E-9
1	Grid	50.14813	74.83784	106.80000	-2.22062	106.78	-23.969E-12	-239.31E-9	4.7862E-9
1	Grid	52.14331	74.83784	106.80000	-3.19489	106.78	-22.346E-12	-229.64E-9	4.5927E-9
1	Grid	54.13849	74.83784	106.80000	-7.26037	106.78	-20.826E-12	-220.29E-9	4.4058E-9
1	Grid	56.13367	74.83784	106.80000	-9.85119	106.78	-19.400E-12	-211.26E-9	4.2257E-9
1	Grid	58.12885	74.83784	106.80000	-11.11484	106.78	-18.070E-12	-202.59E-9	4.0519E-9
1	Grid	60.12403	74.83784	106.80000	-11.99190	106.78	-16.825E-12	-194.24E-9	3.8849E-9
1	Grid	62.11921	74.83784	106.80000	-12.66812	106.78	-15.665E-12	-186.22E-9	3.724

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.		Sheet No.		Rev.	
						3244					
						Drg. Ref.					
Made by AC						Date				Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain		
		[m]	[m]	[MOD]	[mm]	[MOD]	[kN/m²]	[kN/m²]	[µ]		
1	Grid	125.96496	74.83784	106.80000	-1.10338	106.78	-1.8652E-12	-52.630E-6	1.0526E-9		
1	Grid	127.96014	74.83784	106.80000	-0.96562	106.78	-1.7573E-12	-50.817E-6	1.0163E-9		
1	Grid	129.95532	74.83784	106.80000	-0.84501	106.78	-1.6600E-12	-49.081E-6	981.63E-12		
1	Grid	131.95050	74.83784	106.80000	-0.73929	106.78	-1.5654E-12	-47.418E-6	948.37E-12		
1	Grid	133.94568	74.83784	106.80000	-0.64653	106.78	-1.4795E-12	-45.825E-6	916.50E-12		
1	Grid	135.94086	74.83784	106.80000	-0.56511	106.78	-1.3962E-12	-44.298E-6	885.95E-12		
1	Grid	137.93604	74.83784	106.80000	-0.49360	106.78	-1.3209E-12	-42.833E-6	856.67E-12		
1	Grid	139.93122	74.83784	106.80000	-0.43078	106.78	-1.2477E-12	-41.429E-6	828.59E-12		
1	Grid	141.92640	74.83784	106.80000	-0.37556	106.78	-1.1817E-12	-40.082E-6	801.65E-12		
1	Grid	143.92158	74.83784	106.80000	-0.32702	106.78	-1.1204E-12	-38.790E-6	775.80E-12		
1	Grid	145.91676	74.83784	106.80000	-0.28431	106.78	-1.0598E-12	-37.550E-6	751.00E-12		
1	Grid	147.91194	74.83784	106.80000	-0.24674	106.78	-1.0039E-12	-36.359E-6	727.18E-12		
1	Grid	149.90712	74.83784	106.80000	-0.21366	106.78	0.0	-35.216E-6	704.31E-12		
1	Grid	151.90230	74.83784	106.80000	-0.18454	106.78	0.0	-34.117E-6	682.35E-12		
1	Grid	153.89748	74.83784	106.80000	-0.15889	106.78	0.0	-33.062E-6	661.24E-12		
1	Grid	155.89266	74.83784	106.80000	-0.13629	106.78	0.0	-32.048E-6	640.95E-12		
1	Grid	157.88784	74.83784	106.80000	-0.11637	106.78	0.0	-31.072E-6	621.45E-12		
1	Grid	159.88302	74.83784	106.80000	-0.09882	106.78	0.0	-30.135E-6	602.69E-12		
1	Grid	161.87820	74.83784	106.80000	-0.08335	106.78	0.0	-29.232E-6	584.65E-12		
1	Grid	163.87338	74.83784	106.80000	-0.06972	106.78	0.0	-28.364E-6	567.29E-12		
1	Grid	165.86856	74.83784	106.80000	-0.05771	106.78	0.0	-27.529E-6	550.58E-12		
1	Grid	167.86374	74.83784	106.80000	-0.04713	106.78	0.0	-26.725E-6	534.50E-12		
1	Grid	169.85892	74.83784	106.80000	-0.03781	106.78	0.0	-25.950E-6	519.01E-12		
1	Grid	171.85410	74.83784	106.80000	-0.02962	106.78	0.0	-25.204E-6	504.08E-12		
1	Grid	173.84928	74.83784	106.80000	-0.02240	106.78	0.0	-24.485E-6	489.71E-12		
1	Grid	175.84446	74.83784	106.80000	-0.01607	106.78	0.0	-23.793E-6	475.85E-12		
1	Grid	177.83964	74.83784	106.80000	-0.01050	106.78	0.0	-23.125E-6	462.50E-12		
1	Grid	179.83482	74.83784	106.80000	-0.00562	106.78	0.0	-22.481E-6	449.62E-12		
1	Grid	181.83000	74.83784	106.80000	-0.00135	106.78	0.0	-21.860E-6	437.19E-12		
1	Grid	-95.50000	76.71259	106.80000	0.02369	106.78	-6.7619E-12	-112.90E-6	2.2579E-9		
1	Grid	-93.50482	76.71259	106.80000	0.02358	106.78	-7.2409E-12	-117.56E-6	2.3511E-9		
1	Grid	-91.50964	76.71259	106.80000	0.02341	106.78	-7.7538E-12	-122.43E-6	2.4486E-9		
1	Grid	-89.51446	76.71259	106.80000	0.02320	106.78	-8.3074E-12	-127.53E-6	2.5506E-9		
1	Grid	-87.51928	76.71259	106.80000	0.02292	106.78	-8.9035E-12	-132.86E-6	2.6571E-9		
1	Grid	-85.52410	76.71259	106.80000	0.02259	106.78	-9.5430E-12	-138.43E-6	2.7685E-9		
1	Grid	-83.52892	76.71259	106.80000	0.02219	106.78	-10.229E-12	-144.24E-6	2.8849E-9		
1	Grid	-81.53374	76.71259	106.80000	0.02172	106.78	-10.969E-12	-150.32E-6	3.0064E-9		
1	Grid	-79.53856	76.71259	106.80000	0.02117	106.78	-11.764E-12	-156.66E-6	3.1332E-9		
1	Grid	-77.54338	76.71259	106.80000	0.02055	106.78	-12.618E-12	-163.27E-6	3.2654E-9		
1	Grid	-75.54820	76.71259	106.80000	0.01984	106.78	-13.532E-12	-170.16E-6	3.4033E-9		
1	Grid	-73.55302	76.71259	106.80000	0.01904	106.78	-14.512E-12	-177.34E-6	3.5468E-9		
1	Grid	-71.55784	76.71259	106.80000	0.01815	106.78	-15.564E-12	-184.80E-6	3.6960E-9		
1	Grid	-69.56266	76.71259	106.80000	0.01716	106.78	-16.685E-12	-192.56E-6	3.8512E-9		
1	Grid	-67.56748	76.71259	106.80000	0.01607	106.78	-17.886E-12	-200.61E-6	4.0122E-9		
1	Grid	-65.57230	76.71259	106.80000	0.01488	106.78	-19.166E-12	-208.95E-6	4.1791E-9		
1	Grid	-63.57712	76.71259	106.80000	0.01357	106.78	-20.526E-12	-217.59E-6	4.3518E-9		
1	Grid	-61.58194	76.71259	106.80000	0.01215	106.78	-21.975E-12	-226.51E-6	4.5303E-9		
1	Grid	-59.58676	76.71259	106.80000	0.01062	106.78	-23.512E-12	-235.72E-6	4.7144E-9		
1	Grid	-57.59158	76.71259	106.80000	0.00897	106.78	-25.139E-12	-245.20E-6	4.9039E-9		
1	Grid	-55.59640	76.71259	106.80000	0.00720	106.78	-26.854E-12	-254.93E-6	5.0986E-9		
1	Grid	-53.60122	76.71259	106.80000	0.00531	106.78	-28.662E-12	-264.90E-6	5.2980E-9		
1	Grid	-51.60604	76.71259	106.80000	0.00330	106.78	-30.559E-12	-275.09E-6	5.5019E-9		
1	Grid	-49.61086	76.71259	106.80000	0.00117	106.78	-32.543E-12	-285.48E-6	5.7095E-9		
1	Grid	-47.61568	76.71259	106.80000	-0.00108	106.78	-34.607E-12	-296.02E-6	5.9204E-9		
1	Grid	-45.62050	76.71259	106.80000	-0.00345	106.78	-36.748E-12	-306.69E-6	6.1338E-9		
1	Grid	-43.62532	76.71259	106.80000	-0.00592	106.78	-38.959E-12	-317.44E-6	6.3488E-9		
1	Grid	-41.63014	76.71259	106.80000	-0.00851	106.78	-41.232E-12	-328.23E-6	6.5647E-9		
1	Grid	-39.63496	76.71259	106.80000	-0.01120	106.78	-43.554E-12	-339.01E-6	6.7802E-9		
1	Grid	-37.63978	76.71259	106.80000	-0.01400	106.78	-45.911E-12	-349.72E-6	6.9944E-9		
1	Grid	-35.64460	76.71259	106.80000	-0.01688	106.78	-48.285E-12	-360.30E-6	7.2060E-9		
1	Grid	-33.64942	76.71259	106.80000	-0.01986	106.78	-50.663E-12	-370.68E-6	7.4137E-9		
1	Grid	-31.65424	76.71259	106.80000	-0.02292	106.78	-53.024E-12	-380.80E-6	7.6160E-9		
1	Grid	-29.65906	76.71259	106.80000	-0.02606	106.78	-55.346E-12	-390.58E-6	7.8116E-9		
1	Grid	-27.66388	76.71259	106.80000	-0.02927	106.78	-57.602E-12	-399.95E-6	7.9990E-9		
1	Grid	-25.66871	76.71259	106.80000	-0.03256	106.78	-59.778E-12	-408.83E-6	8.1766E-9		
1	Grid	-23.67353	76.71259	106.80000	-0.03591	106.78	-61.839E-12	-417.15E-6	8.3429E-9		
1	Grid	-21.67835	76.71259	106.80000	-0.03935	106.78	-63.766E-12	-424.82E-6	8.4965E-9		
1	Grid	-19.68317	76.71259	106.80000	-0.04287	106.78	-65.536E-12	-431.79E-6	8.6359E-9		
1	Grid	-17.68799	76.71259	106.80000	-0.04647	106.78	-67.121E-12	-437.99E-6	8.7598E-9		
1	Grid	-15.69281	76.71259	106.80000	-0.05019	106.78	-68.503E-12	-443.35E-6	8.8669E-9		
1	Grid	-13.69763	76.71259	106.80000	-0.05403	106.78	-69.662E-12	-447.81E-6	8.9563E-9		
1	Grid	-11.70245	76.71259	106.80000	-0.05803	106.78	-70.575E-12	-451.34E-6	9.0268E-9		
1	Grid										

Oasys
Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	106.01317	76.71259	106.80000	-6.96169	106.78	-3.3180E-12	-74.196E-6	1.4839E-9
1	Grid	108.00835	76.71259	106.80000	-4.92382	106.78	-3.1195E-12	-71.470E-6	1.4294E-9
1	Grid	110.00353	76.71259	106.80000	-3.95458	106.78	-2.9277E-12	-68.864E-6	1.3773E-9
1	Grid	111.99871	76.71259	106.80000	-3.29873	106.78	-2.7531E-12	-66.371E-6	1.3274E-9
1	Grid	113.99388	76.71259	106.80000	-2.80139	106.78	-2.5873E-12	-63.985E-6	1.2797E-9
1	Grid	115.98906	76.71259	106.80000	-2.40311	106.78	-2.4341E-12	-61.703E-6	1.2341E-9
1	Grid	117.98424	76.71259	106.80000	-2.07416	106.78	-2.2908E-12	-59.519E-6	1.1904E-9
1	Grid	119.97942	76.71259	106.80000	-1.79719	106.78	-2.1576E-12	-57.428E-6	1.1486E-9
1	Grid	121.97460	76.71259	106.80000	-1.56105	106.78	-2.0350E-12	-55.427E-6	1.1085E-9
1	Grid	123.96978	76.71259	106.80000	-1.35804	106.78	-1.9158E-12	-53.510E-6	1.0702E-9
1	Grid	125.96496	76.71259	106.80000	-1.18255	106.78	-1.8098E-12	-51.674E-6	1.0335E-9
1	Grid	127.96014	76.71259	106.80000	-1.03029	106.78	-1.7046E-12	-49.915E-6	998.30E-12
1	Grid	129.95532	76.71259	106.80000	-0.89787	106.78	-1.6107E-12	-48.229E-6	964.59E-12
1	Grid	131.95050	76.71259	106.80000	-0.78253	106.78	-1.5214E-12	-46.614E-6	932.27E-12
1	Grid	133.94568	76.71259	106.80000	-0.68194	106.78	-1.4369E-12	-45.064E-6	901.29E-12
1	Grid	135.94086	76.71259	106.80000	-0.59415	106.78	-1.3596E-12	-43.579E-6	871.57E-12
1	Grid	137.93604	76.71259	106.80000	-0.51746	106.78	-1.2863E-12	-42.153E-6	843.07E-12
1	Grid	139.93122	76.71259	106.80000	-0.45041	106.78	-1.2164E-12	-40.786E-6	815.72E-12
1	Grid	141.92640	76.71259	106.80000	-0.39176	106.78	-1.1491E-12	-39.473E-6	789.47E-12
1	Grid	143.92158	76.71259	106.80000	-0.34040	106.78	-1.0905E-12	-38.213E-6	764.26E-12
1	Grid	145.91676	76.71259	106.80000	-0.29843	106.78	-1.0332E-12	-37.003E-6	740.06E-12
1	Grid	147.91194	76.71259	106.80000	-0.25596	106.78	0.0	-35.841E-6	716.82E-12
1	Grid	149.90712	76.71259	106.80000	-0.22135	106.78	0.0	-34.724E-6	694.48E-12
1	Grid	151.90230	76.71259	106.80000	-0.19096	106.78	0.0	-33.651E-6	673.02E-12
1	Grid	153.89748	76.71259	106.80000	-0.16426	106.78	0.0	-32.619E-6	652.38E-12
1	Grid	155.89266	76.71259	106.80000	-0.14048	106.78	0.0	-31.627E-6	632.54E-12
1	Grid	157.88784	76.71259	106.80000	-0.12017	106.78	0.0	-30.673E-6	613.46E-12
1	Grid	159.88302	76.71259	106.80000	-0.10203	106.78	0.0	-29.755E-6	595.10E-12
1	Grid	161.87820	76.71259	106.80000	-0.08607	106.78	0.0	-28.871E-6	577.43E-12
1	Grid	163.87338	76.71259	106.80000	-0.07203	106.78	0.0	-28.021E-6	560.42E-12
1	Grid	165.86856	76.71259	106.80000	-0.05967	106.78	0.0	-27.202E-6	544.04E-12
1	Grid	167.86374	76.71259	106.80000	-0.04881	106.78	0.0	-26.414E-6	528.27E-12
1	Grid	169.85892	76.71259	106.80000	-0.03925	106.78	0.0	-25.654E-6	513.08E-12
1	Grid	171.85410	76.71259	106.80000	-0.03085	106.78	0.0	-24.922E-6	498.44E-12
1	Grid	173.84928	76.71259	106.80000	-0.02347	106.78	0.0	-24.216E-6	484.33E-12
1	Grid	175.84446	76.71259	106.80000	-0.01698	106.78	0.0	-23.516E-6	470.72E-12
1	Grid	177.83964	76.71259	106.80000	-0.01130	106.78	0.0	-22.880E-6	457.60E-12
1	Grid	179.83482	76.71259	106.80000	-0.00632	106.78	0.0	-22.247E-6	444.95E-12
1	Grid	181.83000	76.71259	106.80000	-0.00195	106.78	0.0	-21.637E-6	432.73E-12
1	Grid	-95.50000	78.58734	106.80000	0.02393	106.78	-6.4175E-12	-109.44E-6	2.1888E-9
1	Grid	-93.50482	78.58734	106.80000	0.02283	106.78	-6.8625E-12	-118.86E-6	2.2772E-9
1	Grid	-91.50964	78.58734	106.80000	0.02374	106.78	-7.3361E-12	-118.48E-6	2.3696E-9
1	Grid	-89.51446	78.58734	106.80000	0.02358	106.78	-7.8471E-12	-123.30E-6	2.4660E-9
1	Grid	-87.51928	78.58734	106.80000	0.02336	106.78	-8.3979E-12	-128.33E-6	2.5667E-9
1	Grid	-85.52410	78.58734	106.80000	0.02309	106.78	-8.9855E-12	-133.58E-6	2.6717E-9
1	Grid	-83.52892	78.58734	106.80000	0.02274	106.78	-9.6194E-12	-139.10E-6	2.7835E-9
1	Grid	-81.53374	78.58734	106.80000	0.02238	106.78	-10.294E-12	-144.77E-6	2.8955E-9
1	Grid	-79.53856	78.58734	106.80000	0.02192	106.78	-11.020E-12	-150.72E-6	3.0144E-9
1	Grid	-77.54338	78.58734	106.80000	0.02139	106.78	-11.797E-12	-156.91E-6	3.1383E-9
1	Grid	-75.54820	78.58734	106.80000	0.02078	106.78	-12.628E-12	-163.36E-6	3.2671E-9
1	Grid	-73.55302	78.58734	106.80000	0.02010	106.78	-13.519E-12	-170.05E-6	3.4010E-9
1	Grid	-71.55784	78.58734	106.80000	0.01933	106.78	-14.466E-12	-177.00E-6	3.5401E-9
1	Grid	-69.56266	78.58734	106.80000	0.01848	106.78	-15.480E-12	-184.21E-6	3.6843E-9
1	Grid	-67.56748	78.58734	106.80000	0.01753	106.78	-16.554E-12	-191.68E-6	3.8336E-9
1	Grid	-65.57230	78.58734	106.80000	0.01649	106.78	-17.703E-12	-199.41E-6	3.9881E-9
1	Grid	-63.57712	78.58734	106.80000	0.01534	106.78	-18.922E-12	-207.39E-6	4.1477E-9
1	Grid	-61.58194	78.58734	106.80000	0.01412	106.78	-20.209E-12	-215.61E-6	4.3123E-9
1	Grid	-59.58676	78.58734	106.80000	0.01278	106.78	-21.575E-12	-224.08E-6	4.4816E-9
1	Grid	-57.59158	78.58734	106.80000	0.01134	106.78	-23.014E-12	-232.78E-6	4.6556E-9
1	Grid	-55.59640	78.58734	106.80000	0.00979	106.78	-24.524E-12	-241.69E-6	4.8339E-9
1	Grid	-53.60122	78.58734	106.80000	0.00813	106.78	-26.116E-12	-250.81E-6	5.0163E-9
1	Grid	-51.60604	78.58734	106.80000	0.00636	106.78	-27.778E-12	-260.10E-6	5.2019E-9
1	Grid	-49.61086	78.58734	106.80000	0.00449	106.78	-29.508E-12	-269.54E-6	5.3908E-9
1	Grid	-47.61568	78.58734	106.80000	0.00251	106.78	-31.307E-12	-279.11E-6	5.5822E-9
1	Grid	-45.62050	78.58734	106.80000	0.00043	106.78	-33.167E-12	-288.77E-6	5.7754E-9
1	Grid	-43.62532	78.58734	106.80000	-0.00175	106.78	-35.078E-12	-298.47E-6	5.9697E-9
1	Grid	-41.63014	78.58734	106.80000	-0.00404	106.78	-37.036E-12	-308.21E-6	6.1642E-9
1	Grid	-39.63496	78.58734	106.80000	-0.00642	106.78	-39.030E-12	-317.91E-6	6.3581E-9
1	Grid	-37.63978	78.58734	106.80000	-0.00889	106.78	-41.049E-12	-327.52E-6	6.5503E-9
1	Grid	-35.64460	78.58734	106.80000	-0.01146	106.78	-43.080E-12	-336.99E-6	6.7398E-9
1	Grid	-33.64942	78.58734	106.80000	-0.01461	106.78	-45.101E-12	-346.27E-6	6.9254E-9
1	Grid	-31.65424	78.58734	106.80000	-0.01684	106.78	-47.107E-12	-355.30E-6	7.1059E-9
1	Grid	-29.65906	78.58734	106.80000	-0.01966	106.78	-49.074E-12	-364.00E-6	7.2801E-9
1	Grid	-27.66388	78.58734	106.80000	-0.02255	106.78	-50.983E-12	-372.33E-6	7.4466E-9
1	Grid	-25.66871	78.58734	106.80000	-0.02553	106.78	-52.815E-12	-380.21E-6	7.6042E-9
1	Grid	-23.67353	78.58734	106.80000	-0.02859	106.78	-54.550E-12	-387.85E-6	7.7515E-9
1	Grid	-21.67835	78.58734	106.80000	-0.03174	106.78	-56.168E-12	-394.37E-6	7.8874E-9
1	Grid	-19.68317	78.58734	106.80000	-0.03499	106.78	-57.649E-12	-400.53E-6	8.0106E-9
1	Grid	-17.68799	78.58734	106.80000	-0.03835	106.78	-58.977E-12	-406.00E-6	8.1199E-9
1	Grid	-15.69281	78.58734	106.80000	-0.04183	106.78	-60.131E-12	-410.72E-6	8.2144E-9
1	Grid	-13.69763	78.58734	106.80000	-0.04547	106.78	-61.100E-12	-414.66E-6	8.2922E-9
1	Grid	-11.70245	78.58734	106.80000	-0.04930	106.78	-61.862E-12	-417.77E-6	8.3553E-9
1	Grid	-9.70727	78.58734	106.80000	-0.05334	106.78	-62.414E-12	-420.01E-6	8.4002E-9
1	Grid	-7.71209	78.58734	106.80000	-0.05766	106.78	-62.746E-12	-421.38E-6	8.4276E-9
1	Grid	-5.71691	78.58734	106.80000	-0.06230	106.78	-62.857E-12	-421.85E-6	8.4369E-9
1	Grid	-3.72173	78.58734	106.80000	-0.06719	106.78	-62.734E-12	-421.22E-6	8.4263E-9
1	Grid	-1.72655	78.58734	106.80000	-0.07284	106.78	-62.391E-12	-420.09E-6	8.4017E-9
1	Grid	0.26863	78.58734	106.80000	-0.07892	106.78	-61.827E-12	-417.88E-6	8.3576E-9
1	Grid	2.26381	78.58734	106.80000	-0.08569	106.78	-61.054E-12	-414.81E-6	8.2962E-9
1	Grid	4.25899	78.58734	106.80000	-0.09327	106.78	-60.077E-12	-410.92E-6	8.2183E-9
1	Grid	6.25417	78.58734	106.80000	-0.10182	106.78	-58.920E-12	-406.23E-6	8.1246E-9
1	Grid	8.24935	78.58734	106.80000	-0.11151	106.78	-57.585E-12	-400.81E-6	8.0162E-9
1	Grid	10.24453	78.58734	106.80000	-0.12256	106.78	-56.098E-12	-394.69E-6	7.8939E-9
1	Grid	12.23971	78.58734	106.80000	-0.13520	106.78	-54.478E-12	-387.95E-6	7.7589E-9
1	Grid	14.23489	78.58734	106.80000	-0.14972	106.78	-52.742E-12	-380.63E-6	7.6125E-9
1	Grid	16.23007	78.58734	106.80000	-0.16644	106.78	-50.913E-12	-372.80E-6	7.4559E-9
1	Grid	18.22525	78.58734	106.80000	-0.18575	106.78	-49.006E-12	-364.52E-6	7.2904E-9
1	Grid	20.22043	78.58734	106.80000	-0.20810	106.78	-47.046E-12	-355.86E-6	7.1172E-9
1	Grid	22.21561	78.58734	106.80000	-0.23403	106.78	-45.047E-12	-346	



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	96.06137	78.58734	106.80000	-15.33546	106.78	-6.0618E-12	-106.135E-6	2.1226E-9
1	Grid	88.05655	78.58734	106.80000	-15.28160	106.78	-5.6741E-12	-102.062E-6	2.0412E-9
1	Grid	90.05173	78.58734	106.80000	-15.18698	106.78	-5.3157E-12	-98.164E-6	1.9633E-9
1	Grid	92.04691	78.58734	106.80000	-15.04769	106.78	-4.9813E-12	-94.435E-6	1.8887E-9
1	Grid	94.04209	78.58734	106.80000	-14.85779	106.78	-4.6663E-12	-90.867E-6	1.8173E-9
1	Grid	96.03727	78.58734	106.80000	-14.60924	106.78	-4.3765E-12	-87.453E-6	1.7491E-9
1	Grid	98.03245	78.58734	106.80000	-14.28486	106.78	-4.1047E-12	-84.186E-6	1.6837E-9
1	Grid	100.02763	78.58734	106.80000	-13.86365	106.78	-3.8523E-12	-81.060E-6	1.6212E-9
1	Grid	102.02281	78.58734	106.80000	-13.29907	106.78	-3.6158E-12	-78.069E-6	1.5614E-9
1	Grid	104.01799	78.58734	106.80000	-12.48433	106.78	-3.3960E-12	-75.206E-6	1.5041E-9
1	Grid	106.01317	78.58734	106.80000	-11.03366	106.78	-3.1914E-12	-72.467E-6	1.4493E-9
1	Grid	108.00835	78.58734	106.80000	-6.41342	106.78	-2.9976E-12	-69.845E-6	1.3969E-9
1	Grid	110.00353	78.58734	106.80000	-4.68756	106.78	-2.8177E-12	-67.335E-6	1.3467E-9
1	Grid	111.99871	78.58734	106.80000	-3.78231	106.78	-2.6545E-12	-64.932E-6	1.2986E-9
1	Grid	113.99388	78.58734	106.80000	-3.15404	106.78	-2.4980E-12	-62.631E-6	1.2526E-9
1	Grid	115.98906	78.58734	106.80000	-2.67253	106.78	-2.3521E-12	-60.428E-6	1.2086E-9
1	Grid	117.98424	78.58734	106.80000	-2.28508	106.78	-2.2169E-12	-58.318E-6	1.1664E-9
1	Grid	119.97942	78.58734	106.80000	-1.96458	106.78	-2.0870E-12	-56.296E-6	1.1259E-9
1	Grid	121.97460	78.58734	106.80000	-1.69490	106.78	-1.9671E-12	-54.359E-6	1.0872E-9
1	Grid	123.96978	78.58734	106.80000	-1.46552	106.78	-1.8578E-12	-52.503E-6	1.0501E-9
1	Grid	125.96496	78.58734	106.80000	-1.26904	106.78	-1.7546E-12	-50.723E-6	1.0145E-9
1	Grid	127.96014	78.58734	106.80000	-1.10000	106.78	-1.6553E-12	-49.017E-6	980.34E-9
1	Grid	129.95532	78.58734	106.80000	-0.95412	106.78	-1.5627E-12	-47.381E-6	947.62E-12
1	Grid	131.95050	78.58734	106.80000	-0.82798	106.78	-1.4795E-12	-45.812E-6	916.23E-12
1	Grid	133.94568	78.58734	106.80000	-0.71872	106.78	-1.3998E-12	-44.306E-6	886.12E-12
1	Grid	135.94086	78.58734	106.80000	-0.62198	106.78	-1.3216E-12	-42.861E-6	857.13E-12
1	Grid	137.93604	78.58734	106.80000	-0.54170	106.78	-1.2517E-12	-41.474E-6	829.49E-12
1	Grid	139.93122	78.58734	106.80000	-0.47018	106.78	-1.1837E-12	-40.143E-6	802.86E-12
1	Grid	141.92640	78.58734	106.80000	-0.40792	106.78	-1.1218E-12	-38.864E-6	777.29E-12
1	Grid	143.92158	78.58734	106.80000	-0.35366	106.78	-1.0638E-12	-37.636E-6	752.72E-12
1	Grid	145.91676	78.58734	106.80000	-0.30623	106.78	-1.0092E-12	-36.456E-6	729.12E-12
1	Grid	147.91194	78.58734	106.80000	-0.26496	106.78	0.0	-35.322E-6	706.44E-12
1	Grid	149.90712	78.58734	106.80000	-0.22880	106.78	0.0	-34.232E-6	684.63E-12
1	Grid	151.90230	78.58734	106.80000	-0.19715	106.78	0.0	-33.183E-6	663.67E-12
1	Grid	153.89748	78.58734	106.80000	-0.16942	106.78	0.0	-32.175E-6	643.50E-12
1	Grid	155.89266	78.58734	106.80000	-0.14519	106.78	0.0	-31.205E-6	624.11E-12
1	Grid	157.88784	78.58734	106.80000	-0.12379	106.78	0.0	-30.272E-6	605.44E-12
1	Grid	159.88302	78.58734	106.80000	-0.10507	106.78	0.0	-29.374E-6	587.47E-12
1	Grid	161.87820	78.58734	106.80000	-0.08864	106.78	0.0	-28.509E-6	570.17E-12
1	Grid	163.87338	78.58734	106.80000	-0.07420	106.78	0.0	-27.676E-6	553.52E-12
1	Grid	165.86856	78.58734	106.80000	-0.06152	106.78	0.0	-26.874E-6	537.47E-12
1	Grid	167.86374	78.58734	106.80000	-0.05038	106.78	0.0	-26.101E-6	522.01E-12
1	Grid	169.85892	78.58734	106.80000	-0.04059	106.78	0.0	-25.356E-6	507.12E-12
1	Grid	171.85410	78.58734	106.80000	-0.03200	106.78	0.0	-24.638E-6	492.75E-12
1	Grid	173.84928	78.58734	106.80000	-0.02446	106.78	0.0	-23.945E-6	478.91E-12
1	Grid	175.84446	78.58734	106.80000	-0.01849	106.78	0.0	-23.278E-6	465.55E-12
1	Grid	177.83964	78.58734	106.80000	-0.01204	106.78	0.0	-22.633E-6	452.67E-12
1	Grid	179.83482	78.58734	106.80000	-0.00696	106.78	0.0	-22.012E-6	440.24E-12
1	Grid	181.83000	78.58734	106.80000	-0.00252	106.78	0.0	-21.412E-6	428.24E-12
1	Grid	-95.50000	80.46209	106.80000	0.02413	106.78	-6.0885E-12	-106.07E-6	2.1215E-9
1	Grid	-97.49518	80.46209	106.80000	0.02410	106.78	-6.4909E-12	-104.10E-6	2.0582E-9
1	Grid	-91.50964	80.46209	106.80000	0.02403	106.78	-6.9404E-12	-114.64E-6	2.2928E-9
1	Grid	-89.51446	80.46209	106.80000	0.02392	106.78	-7.4114E-12	-119.20E-6	2.3840E-9
1	Grid	-87.51928	80.46209	106.80000	0.02376	106.78	-7.9190E-12	-123.95E-6	2.4791E-9
1	Grid	-85.52410	80.46209	106.80000	0.02355	106.78	-8.4612E-12	-128.91E-6	2.5781E-9
1	Grid	-83.52892	80.46209	106.80000	0.02329	106.78	-9.0421E-12	-134.05E-6	2.6813E-9
1	Grid	-81.53374	80.46209	106.80000	0.02297	106.78	-9.6616E-12	-139.43E-6	2.7886E-9
1	Grid	-79.53856	80.46209	106.80000	0.02259	106.78	-10.326E-12	-145.01E-6	2.9003E-9
1	Grid	-77.54338	80.46209	106.80000	0.02215	106.78	-11.032E-12	-150.81E-6	3.0163E-9
1	Grid	-75.54820	80.46209	106.80000	0.02164	106.78	-11.789E-12	-156.84E-6	3.1368E-9
1	Grid	-73.55302	80.46209	106.80000	0.02106	106.78	-12.593E-12	-163.09E-6	3.2617E-9
1	Grid	-71.55784	80.46209	106.80000	0.02040	106.78	-13.451E-12	-169.56E-6	3.3913E-9
1	Grid	-69.56266	80.46209	106.80000	0.01967	106.78	-14.365E-12	-176.27E-6	3.5254E-9
1	Grid	-67.56748	80.46209	106.80000	0.01885	106.78	-15.334E-12	-183.20E-6	3.6640E-9
1	Grid	-65.57230	80.46209	106.80000	0.01796	106.78	-16.361E-12	-190.35E-6	3.8071E-9
1	Grid	-63.57712	80.46209	106.80000	0.01699	106.78	-17.449E-12	-197.73E-6	3.9546E-9
1	Grid	-61.58194	80.46209	106.80000	0.01590	106.78	-18.600E-12	-205.32E-6	4.1064E-9
1	Grid	-59.58676	80.46209	106.80000	0.01473	106.78	-19.811E-12	-213.11E-6	4.2623E-9
1	Grid	-57.59158	80.46209	106.80000	0.01347	106.78	-21.086E-12	-221.10E-6	4.4221E-9
1	Grid	-55.59640	80.46209	106.80000	0.01212	106.78	-22.423E-12	-229.27E-6	4.5855E-9
1	Grid	-53.60122	80.46209	106.80000	0.01067	106.78	-23.824E-12	-237.63E-6	4.7522E-9
1	Grid	-51.60604	80.46209	106.80000	0.00913	106.78	-25.279E-12	-246.09E-6	4.9218E-9
1	Grid	-49.61086	80.46209	106.80000	0.00748	106.78	-26.797E-12	-254.69E-6	5.0938E-9
1	Grid	-47.61568	80.46209	106.80000	0.00575	106.78	-28.364E-12	-263.38E-6	5.2677E-9
1	Grid	-45.62050	80.46209	106.80000	0.00392	106.78	-29.979E-12	-272.14E-6	5.4429E-9
1	Grid	-43.62532	80.46209	106.80000	0.00199	106.78	-31.641E-12	-281.93E-6	5.6187E-9
1	Grid	-41.63014	80.46209	106.80000	-0.00003	106.78	-33.329E-12	-289.72E-6	5.7944E-9
1	Grid	-39.63496	80.46209	106.80000	-0.00213	106.78	-35.050E-12	-298.45E-6	5.9691E-9
1	Grid	-37.63978	80.46209	106.80000	-0.00433	106.78	-36.784E-12	-307.10E-6	6.1419E-9
1	Grid	-35.64460	80.46209	106.80000	-0.00661	106.78	-38.524E-12	-315.60E-6	6.3120E-9
1	Grid	-33.64942	80.46209	106.80000	-0.00896	106.78	-40.252E-12	-323.91E-6	6.4782E-9
1	Grid	-31.65424	80.46209	106.80000	-0.01143	106.78	-41.961E-12	-331.98E-6	6.6396E-9
1	Grid	-29.65906	80.46209	106.80000	-0.01396	106.78	-43.634E-12	-339.75E-6	6.7951E-9
1	Grid	-27.66388	80.46209	106.80000	-0.01658	106.78	-45.252E-12	-347.17E-6	6.9434E-9
1	Grid	-25.66871	80.46209	106.80000	-0.01928	106.78	-46.802E-12	-354.18E-6	7.0836E-9
1	Grid	-23.67353	80.46209	106.80000	-0.02208	106.78	-48.264E-12	-360.73E-6	7.2145E-9
1	Grid	-21.67835	80.46209	106.80000	-0.02498	106.78	-49.634E-12	-366.76E-6	7.3351E-9
1	Grid	-19.68317	80.46209	106.80000	-0.02799	106.78	-50.881E-12	-372.21E-6	7.4443E-9
1	Grid	-17.68799	80.46209	106.80000	-0.03113	106.78	-51.996E-12	-377.06E-6	7.5411E-9
1	Grid	-15.69281	80.46209	106.80000	-0.03441	106.78	-52.962E-12	-381.23E-6	7.6247E-9
1	Grid	-13.69763	80.46209	106.80000	-0.03787	106.78	-53.774E-12	-384.61E-6	7.6943E-9
1	Grid	-11.70245	80.46209	106.80000	-0.04153	106.78	-54.415E-12	-387.46E-6	7.7492E-9
1	Grid	-9.70727	80.46209	106.80000	-0.04544	106.78	-54.877E-12	-389.44E-6	7.7889E-9
1	Grid	-7.71209	80.46209	106.80000	-0.04964	106.78	-55.157E-12	-390.65E-6	7.8130E-9
1	Grid	-5.71691	80.46209	106.80000	-0.05419	106.78	-55.248E-12	-391.07E-6	7.8213E-9
1	Grid	-3.72173	80.46209	106.80000	-0.05916	106.78	-55.146E-12	-390.79E-6	7.8138E-9
1	Grid	-1.72655	80.46209	106.80000	-0.06463	106.78	-54.859E-12	-389.52E-6	7.7904E-9
1	Grid	0.26863	80.46209	106.80000	-0.07070	106.78	-54.390E-12	-387.57E-6	7.7514E-9
1	Grid	2.26381	80.46209	106.80000	-0.0				



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	66.10957	80.46209	106.80000	-13.59078	106.78	-11.096E-12	-151.85E-6	3.0370E-9
1	Grid	68.10475	80.46209	106.80000	-14.00343	106.78	-10.387E-12	-146.04E-6	2.9208E-9
1	Grid	70.09993	80.46209	106.80000	-14.34319	106.78	-9.7236E-12	-140.44E-6	2.8089E-9
1	Grid	72.09511	80.46209	106.80000	-14.62358	106.78	-9.1054E-12	-135.06E-6	2.7013E-9
1	Grid	74.09029	80.46209	106.80000	-14.85341	106.78	-8.5232E-12	-129.89E-6	2.5978E-9
1	Grid	76.08547	80.46209	106.80000	-15.03865	106.78	-7.9816E-12	-124.92E-6	2.4985E-9
1	Grid	78.08065	80.46209	106.80000	-15.18341	106.78	-7.4740E-12	-120.15E-6	2.4031E-9
1	Grid	80.07583	80.46209	106.80000	-15.29043	106.78	-7.0004E-12	-115.57E-6	2.3115E-9
1	Grid	82.07101	80.46209	106.80000	-15.36144	106.78	-6.5581E-12	-111.18E-6	2.2236E-9
1	Grid	84.06619	80.46209	106.80000	-15.39730	106.78	-6.1444E-12	-106.97E-6	2.1394E-9
1	Grid	86.06137	80.46209	106.80000	-15.39807	106.78	-5.7574E-12	-102.93E-6	2.0586E-9
1	Grid	88.05655	80.46209	106.80000	-15.36299	106.78	-5.3977E-12	-99.061E-6	1.9812E-9
1	Grid	90.05173	80.46209	106.80000	-15.29041	106.78	-5.0633E-12	-95.351E-6	1.9070E-9
1	Grid	92.04691	80.46209	106.80000	-15.17755	106.78	-4.7475E-12	-91.796E-6	1.8359E-9
1	Grid	94.04209	80.46209	106.80000	-15.02015	106.78	-4.4558E-12	-88.391E-6	1.7678E-9
1	Grid	96.03727	80.46209	106.80000	-14.81811	106.78	-4.1827E-12	-85.128E-6	1.7026E-9
1	Grid	98.03245	80.46209	106.80000	-14.54284	106.78	-3.9302E-12	-82.003E-6	1.6401E-9
1	Grid	100.02763	80.46209	106.80000	-14.19786	106.78	-3.6877E-12	-79.009E-6	1.5802E-9
1	Grid	102.02281	80.46209	106.80000	-13.75061	106.78	-3.4686E-12	-76.141E-6	1.5228E-9
1	Grid	104.01799	80.46209	106.80000	-13.15000	106.78	-3.2621E-12	-73.394E-6	1.4679E-9
1	Grid	106.01317	80.46209	106.80000	-12.27069	106.78	-3.0649E-12	-70.762E-6	1.4152E-9
1	Grid	108.00835	80.46209	106.80000	-10.60429	106.78	-2.8864E-12	-68.241E-6	1.3648E-9
1	Grid	110.00353	80.46209	106.80000	-5.96027	106.78	-2.7165E-12	-65.825E-6	1.3165E-9
1	Grid	111.99871	80.46209	106.80000	-4.45334	106.78	-2.5546E-12	-63.510E-6	1.2702E-9
1	Grid	113.99388	80.46209	106.80000	-3.60302	106.78	-2.4094E-12	-61.292E-6	1.2258E-9
1	Grid	115.98906	80.46209	106.80000	-2.46509	106.78	-2.2695E-12	-59.166E-6	1.1833E-9
1	Grid	117.98424	80.46209	106.80000	-2.53393	106.78	-2.1410E-12	-57.128E-6	1.1426E-9
1	Grid	119.97942	80.46209	106.80000	-2.15759	106.78	-2.0191E-12	-55.173E-6	1.1035E-9
1	Grid	121.97460	80.46209	106.80000	-1.84627	106.78	-1.9051E-12	-53.299E-6	1.0660E-9
1	Grid	123.96978	80.46209	106.80000	-1.58492	106.78	-1.8012E-12	-51.502E-6	1.0300E-9
1	Grid	125.96496	80.46209	106.80000	-1.28296	106.78	-1.6993E-12	-49.778E-6	995.57E-12
1	Grid	127.96014	80.46209	106.80000	-1.17493	106.78	-1.6047E-12	-48.124E-6	962.49E-12
1	Grid	129.95532	80.46209	106.80000	-1.01365	106.78	-1.5175E-12	-46.537E-6	930.74E-12
1	Grid	131.95050	80.46209	106.80000	-0.87537	106.78	-1.4375E-12	-45.013E-6	900.27E-12
1	Grid	133.94568	80.46209	106.80000	-0.75655	106.78	-1.3589E-12	-43.551E-6	871.02E-12
1	Grid	135.94086	80.46209	106.80000	-0.65429	106.78	-1.2850E-12	-42.146E-6	842.93E-12
1	Grid	137.93604	80.46209	106.80000	-0.56604	106.78	-1.2170E-12	-40.797E-6	815.95E-12
1	Grid	139.93122	80.46209	106.80000	-0.48981	106.78	-1.1537E-12	-39.502E-6	790.03E-12
1	Grid	141.92640	80.46209	106.80000	-0.42381	106.78	-1.0925E-12	-38.256E-6	765.13E-12
1	Grid	143.92158	80.46209	106.80000	-0.36658	106.78	-1.0356E-12	-37.060E-6	741.19E-12
1	Grid	145.91676	80.46209	106.80000	-0.31862	106.78	-0.9825E-12	-35.909E-6	718.18E-12
1	Grid	147.91194	80.46209	106.80000	-0.27361	106.78	0.0	-34.803E-6	696.06E-12
1	Grid	149.90712	80.46209	106.80000	-0.23591	106.78	0.0	-33.739E-6	674.78E-12
1	Grid	151.90230	80.46209	106.80000	-0.20302	106.78	0.0	-32.715E-6	654.31E-12
1	Grid	153.89748	80.46209	106.80000	-0.17429	106.78	0.0	-31.731E-6	634.61E-12
1	Grid	155.89266	80.46209	106.80000	-0.14915	106.78	0.0	-30.786E-6	615.63E-12
1	Grid	157.88784	80.46209	106.80000	-0.12717	106.78	0.0	-29.870E-6	597.40E-12
1	Grid	159.88302	80.46209	106.80000	-0.10790	106.78	0.0	-28.991E-6	579.83E-12
1	Grid	161.87820	80.46209	106.80000	-0.09102	106.78	0.0	-28.145E-6	562.90E-12
1	Grid	163.87338	80.46209	106.80000	-0.07621	106.78	0.0	-27.329E-6	546.59E-12
1	Grid	165.86856	80.46209	106.80000	-0.06329	106.78	0.0	-26.548E-6	530.87E-12
1	Grid	167.86374	80.46209	106.80000	-0.05182	106.78	0.0	-25.786E-6	515.73E-12
1	Grid	169.85892	80.46209	106.80000	-0.04182	106.78	0.0	-25.056E-6	501.12E-12
1	Grid	171.85410	80.46209	106.80000	-0.03305	106.78	0.0	-24.352E-6	487.04E-12
1	Grid	173.84928	80.46209	106.80000	-0.02536	106.78	0.0	-23.673E-6	473.46E-12
1	Grid	175.84446	80.46209	106.80000	-0.01862	106.78	0.0	-23.018E-6	460.35E-12
1	Grid	177.83964	80.46209	106.80000	-0.01272	106.78	0.0	-22.385E-6	447.71E-12
1	Grid	179.83482	80.46209	106.80000	-0.00755	106.78	0.0	-21.775E-6	435.50E-12
1	Grid	181.83000	80.46209	106.80000	-0.00303	106.78	0.0	-21.186E-6	423.71E-12
1	Grid	-95.50000	82.33683	106.80000	0.02430	106.78	-5.7767E-12	-102.80E-6	2.0560E-9
1	Grid	-93.50518	82.33683	106.80000	0.02421	106.78	-6.1577E-12	-106.78E-6	2.1356E-9
1	Grid	-91.50964	82.33683	106.80000	0.02428	106.78	-6.5641E-12	-110.92E-6	2.2184E-9
1	Grid	-89.51446	82.33683	106.80000	0.02421	106.78	-7.0004E-12	-115.23E-6	2.3047E-9
1	Grid	-87.51928	82.33683	106.80000	0.02411	106.78	-7.4687E-12	-119.72E-6	2.3944E-9
1	Grid	-85.52410	82.33683	106.80000	0.02395	106.78	-7.9656E-12	-124.39E-6	2.4878E-9
1	Grid	-83.52892	82.33683	106.80000	0.02382	106.78	-8.4992E-12	-129.25E-6	2.5849E-9
1	Grid	-81.53374	82.33683	106.80000	0.02350	106.78	-9.0674E-12	-134.29E-6	2.6858E-9
1	Grid	-79.53856	82.33683	106.80000	0.02319	106.78	-9.6736E-12	-139.53E-6	2.7906E-9
1	Grid	-77.54338	82.33683	106.80000	0.02283	106.78	-10.318E-12	-144.96E-6	2.8993E-9
1	Grid	-75.54820	82.33683	106.80000	0.02241	106.78	-11.005E-12	-150.60E-6	3.0120E-9
1	Grid	-73.55302	82.33683	106.80000	0.02192	106.78	-11.736E-12	-156.43E-6	3.1286E-9
1	Grid	-71.55784	82.33683	106.80000	0.02137	106.78	-12.512E-12	-162.47E-6	3.2493E-9
1	Grid	-69.56266	82.33683	106.80000	0.02074	106.78	-13.336E-12	-168.70E-6	3.3741E-9
1	Grid	-67.56748	82.33683	106.80000	0.02005	106.78	-14.208E-12	-175.14E-6	3.5028E-9
1	Grid	-65.57230	82.33683	106.80000	0.01928	106.78	-15.132E-12	-181.77E-6	3.6354E-9
1	Grid	-63.57712	82.33683	106.80000	0.01843	106.78	-16.103E-12	-188.59E-6	3.7718E-9
1	Grid	-61.58194	82.33683	106.80000	0.01750	106.78	-17.132E-12	-195.60E-6	3.9119E-9
1	Grid	-59.58676	82.33683	106.80000	0.01649	106.78	-18.209E-12	-202.78E-6	4.0556E-9
1	Grid	-57.59158	82.33683	106.80000	0.01540	106.78	-19.342E-12	-210.12E-6	4.2025E-9
1	Grid	-55.59640	82.33683	106.80000	0.01422	106.78	-20.522E-12	-217.62E-6	4.3524E-9
1	Grid	-53.60122	82.33683	106.80000	0.01296	106.78	-21.755E-12	-225.55E-6	4.5050E-9
1	Grid	-51.60604	82.33683	106.80000	0.01161	106.78	-23.039E-12	-233.00E-6	4.6600E-9
1	Grid	-49.61086	82.33683	106.80000	0.01017	106.78	-24.367E-12	-240.84E-6	4.8168E-9
1	Grid	-47.61568	82.33683	106.80000	0.00865	106.78	-25.737E-12	-248.75E-6	4.9751E-9
1	Grid	-45.62050	82.33683	106.80000	0.00704	106.78	-27.146E-12	-256.71E-6	5.1342E-9
1	Grid	-43.62532	82.33683	106.80000	0.00534	106.78	-28.586E-12	-264.72E-6	5.2952E-9
1	Grid	-41.63014	82.33683	106.80000	0.00356	106.78	-30.053E-12	-272.62E-6	5.4524E-9
1	Grid	-39.63496	82.33683	106.80000	0.00170	106.78	-31.537E-12	-280.50E-6	5.6101E-9
1	Grid	-37.63978	82.33683	106.80000	-0.00025	106.78	-33.032E-12	-288.29E-6	5.7658E-9
1	Grid	-35.64460	82.33683	106.80000	-0.00228	106.78	-34.526E-12	-295.94E-6	5.9187E-9
1	Grid	-33.64942	82.33683	106.80000	-0.00440	106.78	-36.011E-12	-303.40E-6	6.0680E-9
1	Grid	-31.65424	82.33683	106.80000	-0.00659	106.78	-37.471E-12	-310.63E-6	6.2126E-9
1	Grid	-29.65906	82.33683	106.80000	-0.00888	106.78	-38.895E-12	-317.58E-6	6.3517E-9
1	Grid	-27.66388	82.33683	106.80000	-0.01125	106.78	-40.276E-12	-324.21E-6	6.4842E-9
1	Grid	-25.66871	82.33683	106.80000	-0.01372	106.78	-41.593E-12	-330.46E-6	6.6093E-9
1	Grid	-23.67353	82.33683	106.80000	-0.01629	106.78	-42.834E-12	-336.39E-6	6.7259E-9
1	Grid	-21.67835	82.33683	106.80000	-0.01896	106.78	-43.989E-12	-341.66E-6	6.8331E-9
1	Grid	-19.68317	82.33683	106.80000	-0.02176	106.78	-45.045E-12	-346.51E-6	6.9302E-9
1	Grid	-17.68799	82.33683						

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term										Job No.	Sheet No.	Rev.	
										3244			
										Dr. Ref.			
										Made by AC	Date		Checked
Ref.	Name	x	y	z	δz	Stress: Calc. Level [MOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]				
1	Grid	46.15777	82.33683	106.80000	-1.29177	106.78	-19.380E-12	-211.07E-6	4.2213E-9				
1	Grid	48.15295	82.33683	106.80000	-1.56259	106.78	-18.253E-12	-203.74E-6	4.0747E-9				
1	Grid	50.14813	82.33683	106.80000	-1.91756	106.78	-17.178E-12	-196.57E-6	3.9313E-9				
1	Grid	52.14331	82.33683	106.80000	-2.39612	106.78	-16.155E-12	-189.57E-6	3.7914E-9				
1	Grid	54.13849	82.33683	106.80000	-3.06813	106.78	-15.183E-12	-182.75E-6	3.6551E-9				
1	Grid	56.13367	82.33683	106.80000	-4.10632	106.78	-14.266E-12	-176.13E-6	3.5226E-9				
1	Grid	58.12885	82.33683	106.80000	-6.45280	106.78	-13.394E-12	-169.69E-6	3.3939E-9				
1	Grid	60.12403	82.33683	106.80000	-10.71577	106.78	-12.571E-12	-163.46E-6	3.2691E-9				
1	Grid	62.11921	82.33683	106.80000	-11.99057	106.78	-11.795E-12	-157.42E-6	3.1484E-9				
1	Grid	64.11439	82.33683	106.80000	-12.79449	106.78	-11.065E-12	-151.58E-6	3.0316E-9				
1	Grid	66.10957	82.33683	106.80000	-13.38842	106.78	-10.380E-12	-145.94E-6	2.9188E-9				
1	Grid	68.10475	82.33683	106.80000	-13.85529	106.78	-9.7315E-12	-140.50E-6	2.8099E-9				
1	Grid	70.09993	82.33683	106.80000	-14.23271	106.78	-9.1240E-12	-135.25E-6	2.7049E-9				
1	Grid	72.09511	82.33683	106.80000	-14.54124	106.78	-8.5578E-12	-130.19E-6	2.6038E-9				
1	Grid	74.09029	82.33683	106.80000	-14.79342	106.78	-8.0249E-12	-125.32E-6	2.5064E-9				
1	Grid	76.08547	82.33683	106.80000	-14.99745	106.78	-7.5253E-12	-120.64E-6	2.4128E-9				
1	Grid	78.08065	82.33683	106.80000	-15.15885	106.78	-7.0577E-12	-116.13E-6	2.3227E-9				
1	Grid	80.07583	82.33683	106.80000	-15.28140	106.78	-6.6207E-12	-111.80E-6	2.2361E-9				
1	Grid	82.07101	82.33683	106.80000	-15.36758	106.78	-6.2090E-12	-107.65E-6	2.1529E-9				
1	Grid	84.06619	82.33683	106.80000	-15.41891	106.78	-5.8260E-12	-103.65E-6	2.0730E-9				
1	Grid	86.06137	82.33683	106.80000	-15.43604	106.78	-5.4663E-12	-99.818E-6	1.9963E-9				
1	Grid	88.05655	82.33683	106.80000	-15.41884	106.78	-5.1312E-12	-96.137E-6	1.9227E-9				
1	Grid	90.05173	82.33683	106.80000	-15.36638	106.78	-4.8195E-12	-92.606E-6	1.8521E-9				
1	Grid	92.04691	82.33683	106.80000	-15.27677	106.78	-4.5257E-12	-89.218E-6	1.7844E-9				
1	Grid	94.04209	82.33683	106.80000	-15.14700	106.78	-4.2513E-12	-85.969E-6	1.7194E-9				
1	Grid	96.03727	82.33683	106.80000	-14.97249	106.78	-3.9961E-12	-82.852E-6	1.6570E-9				
1	Grid	98.03245	82.33683	106.80000	-14.74637	106.78	-3.7570E-12	-79.863E-6	1.5973E-9				
1	Grid	100.02763	82.33683	106.80000	-14.45824	106.78	-3.5325E-12	-76.997E-6	1.5399E-9				
1	Grid	102.02281	82.33683	106.80000	-14.09149	106.78	-3.3213E-12	-74.248E-6	1.4850E-9				
1	Grid	104.01799	82.33683	106.80000	-13.61733	106.78	-3.1282E-12	-71.612E-6	1.4322E-9				
1	Grid	106.01317	82.33683	106.80000	-12.97818	106.78	-2.9450E-12	-69.085E-6	1.3817E-9				
1	Grid	108.00835	82.33683	106.80000	-12.02542	106.78	-2.7731E-12	-66.661E-6	1.3332E-9				
1	Grid	110.00353	82.33683	106.80000	-10.06100	106.78	-2.6132E-12	-64.337E-6	1.2867E-9				
1	Grid	111.99871	82.33683	106.80000	-5.55950	106.78	-2.4640E-12	-62.107E-6	1.2421E-9				
1	Grid	113.99388	82.33683	106.80000	-4.21601	106.78	-2.3235E-12	-59.969E-6	1.1994E-9				
1	Grid	115.98906	82.33683	106.80000	-3.41353	106.78	-2.1902E-12	-57.918E-6	1.1584E-9				
1	Grid	117.98424	82.33683	106.80000	-2.83431	106.78	-2.0650E-12	-55.950E-6	1.1190E-9				
1	Grid	119.97942	82.33683	106.80000	-2.38346	106.78	-1.9531E-12	-54.062E-6	1.0812E-9				
1	Grid	121.97460	82.33683	106.80000	-2.01902	106.78	-1.8412E-12	-52.249E-6	1.0450E-9				
1	Grid	123.96978	82.33683	106.80000	-1.71819	106.78	-1.7406E-12	-50.510E-6	1.0102E-9				
1	Grid	125.96496	82.33683	106.80000	-1.46868	106.78	-1.6487E-12	-48.841E-6	976.81E-12				
1	Grid	127.96014	82.33683	106.80000	-1.25522	106.78	-1.5561E-12	-47.237E-6	944.75E-12				
1	Grid	129.95532	82.33683	106.80000	-1.07624	106.78	-1.4728E-12	-45.698E-6	913.66E-12				
1	Grid	131.95050	82.33683	106.80000	-0.92432	106.78	-1.3922E-12	-44.219E-6	884.39E-12				
1	Grid	133.94568	82.33683	106.80000	-0.79499	106.78	-1.3189E-12	-42.799E-6	855.98E-12				
1	Grid	135.94086	82.33683	106.80000	-0.68458	106.78	-1.2503E-12	-41.434E-6	828.69E-12				
1	Grid	137.93604	82.33683	106.80000	-0.59008	106.78	-1.1837E-12	-40.123E-6	802.45E-12				
1	Grid	139.93122	82.33683	106.80000	-0.50896	106.78	-1.1224E-12	-38.862E-6	777.48E-12				
1	Grid	141.92640	82.33683	106.80000	-0.43916	106.78	-1.0631E-12	-37.650E-6	753.00E-12				
1	Grid	143.92158	82.33683	106.80000	-0.37894	106.78	-1.0092E-12	-36.484E-6	729.68E-12				
1	Grid	145.91676	82.33683	106.80000	-0.32686	106.78	0.0	-35.363E-6	707.26E-12				
1	Grid	147.91194	82.33683	106.80000	-0.28174	106.78	0.0	-34.284E-6	685.69E-12				
1	Grid	149.90712	82.33683	106.80000	-0.24255	106.78	0.0	-33.246E-6	664.93E-12				
1	Grid	151.90230	82.33683	106.80000	-0.20847	106.78	0.0	-32.247E-6	644.95E-12				
1	Grid	153.89748	82.33683	106.80000	-0.17878	106.78	0.0	-31.286E-6	625.71E-12				
1	Grid	155.89266	82.33683	106.80000	-0.15288	106.78	0.0	-30.360E-6	607.19E-12				
1	Grid	157.88784	82.33683	106.80000	-0.13025	106.78	0.0	-29.468E-6	589.35E-12				
1	Grid	159.88302	82.33683	106.80000	-0.11048	106.78	0.0	-28.608E-6	572.16E-12				
1	Grid	161.87820	82.33683	106.80000	-0.09317	106.78	0.0	-27.780E-6	555.60E-12				
1	Grid	163.87338	82.33683	106.80000	-0.07802	106.78	0.0	-26.982E-6	539.64E-12				
1	Grid	165.86856	82.33683	106.80000	-0.06475	106.78	0.0	-26.213E-6	524.26E-12				
1	Grid	167.86374	82.33683	106.80000	-0.05312	106.78	0.0	-25.471E-6	509.42E-12				
1	Grid	169.85892	82.33683	106.80000	-0.04293	106.78	0.0	-24.755E-6	495.11E-12				
1	Grid	171.85410	82.33683	106.80000	-0.03400	106.78	0.0	-24.065E-6	481.30E-12				
1	Grid	173.84928	82.33683	106.80000	-0.02617	106.78	0.0	-23.399E-6	467.98E-12				
1	Grid	175.84446	82.33683	106.80000	-0.01932	106.78	0.0	-22.766E-6	455.13E-12				
1	Grid	177.83964	82.33683	106.80000	-0.01332	106.78	0.0	-22.136E-6	442.72E-12				
1	Grid	179.83482	82.33683	106.80000	-0.00808	106.78	0.0	-21.537E-6	430.73E-12				
1	Grid	181.83000	82.33683	106.80000	-0.00350	106.78	0.0	-20.958E-6	419.16E-12				
1	Grid	-95.50000	84.21158	106.80000	0.02445	106.78	-5.4776E-12	-99.622E-6	1.9224E-9				
1	Grid	-93.50482	84.21158	106.80000	0.02449	106.78	-5.8307E-12	-103.39E-6	2.0678E-9				
1	Grid	-91.50964	84.21158	106.80000	0.02450	106.78	-6.2084E-12	-107.31E-6	2.1463E-9				
1	Grid	-89.51446	84.21158	106.80000	0.02448	106.78	-6.6140E-12	-111.39E-6	2.2279E-9				
1	Grid	-87.51928	84.21158	106.80000	0.02441	106.78	-7.0424E-12	-115.63E-6	2.3126E-9				
1	Grid	-85.52410	84.21158	106.80000	0.02431	106.78	-7.5027E-12	-120.04E-6	2.4007E-9				
1	Grid	-83.52892	84.21158	106.80000	0.02416	106.78	-7.9903E-12	-124.61E-6	2.4921E-9				
1	Grid	-81.53374	84.21158	106.80000	0.02397	106.78	-8.5119E-12	-129.35E-6	2.5870E-9				
1	Grid	-79.53856	84.21158	106.80000	0.02373	106.78	-9.0654E-12	-134.26E-6	2.6853E-9				
1	Grid	-77.54338	84.21158	106.80000	0.02344	106.78	-9.6536E-12	-139.36E-6	2.7871E-9				
1	Grid	-75.54820	84.21158	106.80000	0.02310	106.78	-10.279E-12	-144.63E-6	2.8925E-9				
1	Grid	-73.55302	84.21158	106.80000	0.02270	106.78	-10.942E-12	-150.07E-6	3.0015E-9				
1	Grid	-71.55778	84.21158	106.80000	0.02223	106.78	-11.644E-12	-155.70E-6	3.1140E-9				
1	Grid	-69.56266	84.21158	106.80000	0.02171	106.78	-12.387E-12	-161.50E-6	3.2301E-9				
1	Grid	-67.56748	84.21158	106.80000	0.02112	106.78	-13.172E-12	-167.48E-6	3.3496E-9				
1	Grid	-65.57230	84.21158	106.80000	0.02047	106.78	-14.001E-12	-173.63E-6	3.4726E-9				
1	Grid	-63.57712	84.21158	106.80000	0.01974	106.78	-14.873E-12	-179.94E-6	3.5988E-9				
1	Grid	-61.58184	84.21158	106.80000	0.01895	106.78	-15.789E-12	-186.41E-6	3.7282E-9				
1	Grid	-59.58676	84.21										

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term					Job No.		Sheet No.	Rev.	
					3244				
					Drg. Ref.				
					Made by	Date	Checked		
					AC				
Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	26.20597	84.21158	106.80000	-0.27401	106.78	-29.717E-12	-271.56E-6	5.4312E-9
1	Grid	28.20115	84.21158	106.80000	-0.31375	106.78	-28.432E-12	-264.57E-6	5.2914E-9
1	Grid	30.19633	84.21158	106.80000	-0.36012	106.78	-27.150E-12	-257.47E-6	5.1495E-9
1	Grid	32.19151	84.21158	106.80000	-0.41441	106.78	-25.879E-12	-250.31E-6	5.0062E-9
1	Grid	34.18669	84.21158	106.80000	-0.47825	106.78	-24.630E-12	-243.11E-6	4.8622E-9
1	Grid	36.18187	84.21158	106.80000	-0.55370	106.78	-23.407E-12	-235.90E-6	4.7181E-9
1	Grid	38.17705	84.21158	106.80000	-0.64339	106.78	-22.209E-12	-228.72E-6	4.5744E-9
1	Grid	40.17223	84.21158	106.80000	-0.75076	106.78	-21.046E-12	-221.59E-6	4.4317E-9
1	Grid	42.16741	84.21158	106.80000	-0.88040	106.78	-19.923E-12	-214.52E-6	4.2904E-9
1	Grid	44.16259	84.21158	106.80000	-1.03848	106.78	-18.837E-12	-207.54E-6	4.1509E-9
1	Grid	46.15777	84.21158	106.80000	-1.23344	106.78	-17.792E-12	-200.68E-6	4.0135E-9
1	Grid	48.15295	84.21158	106.80000	-1.47701	106.78	-16.792E-12	-193.93E-6	3.8786E-9
1	Grid	50.14813	84.21158	106.80000	-1.78565	106.78	-15.835E-12	-187.32E-6	3.7465E-9
1	Grid	52.14331	84.21158	106.80000	-2.18309	106.78	-14.922E-12	-180.86E-6	3.6172E-9
1	Grid	54.13849	84.21158	106.80000	-2.70684	106.78	-14.049E-12	-174.55E-6	3.4911E-9
1	Grid	56.13367	84.21158	106.80000	-3.43014	106.78	-13.223E-12	-168.41E-6	3.3682E-9
1	Grid	58.12885	84.21158	106.80000	-4.56080	106.78	-12.439E-12	-162.43E-6	3.2487E-9
1	Grid	60.12403	84.21158	106.80000	-7.68698	106.78	-11.698E-12	-156.63E-6	3.1326E-9
1	Grid	62.11921	84.21158	106.80000	-11.18043	106.78	-10.994E-12	-151.00E-6	3.0201E-9
1	Grid	64.11439	84.21158	106.80000	-12.32867	106.78	-10.336E-12	-145.55E-6	2.9110E-9
1	Grid	66.10957	84.21158	106.80000	-13.07640	106.78	-9.7076E-12	-140.27E-6	2.8055E-9
1	Grid	68.10475	84.21158	106.80000	-13.62641	106.78	-9.1194E-12	-135.17E-6	2.7035E-9
1	Grid	70.09993	84.21158	106.80000	-14.06025	106.78	-8.5665E-12	-130.25E-6	2.6050E-9
1	Grid	72.09511	84.21158	106.80000	-14.40913	106.78	-8.0442E-12	-125.50E-6	2.5099E-9
1	Grid	74.09029	84.21158	106.80000	-14.69212	106.78	-7.5553E-12	-120.91E-6	2.4183E-9
1	Grid	76.08547	84.21158	106.80000	-14.92017	106.78	-7.0957E-12	-116.50E-6	2.3300E-9
1	Grid	78.08065	84.21158	106.80000	-15.10337	106.78	-6.6653E-12	-112.25E-6	2.2449E-9
1	Grid	80.07583	84.21158	106.80000	-15.24453	106.78	-6.2603E-12	-108.15E-6	2.1631E-9
1	Grid	82.07101	84.21158	106.80000	-15.34795	106.78	-5.8800E-12	-104.22E-6	2.0843E-9
1	Grid	84.06619	84.21158	106.80000	-15.41593	106.78	-5.5256E-12	-100.43E-6	2.0086E-9
1	Grid	86.06137	84.21158	106.80000	-15.44940	106.78	-5.1932E-12	-96.788E-6	1.9358E-9
1	Grid	88.05655	84.21158	106.80000	-15.45005	106.78	-4.8814E-12	-93.290E-6	1.8658E-9
1	Grid	90.05173	84.21158	106.80000	-15.41641	106.78	-4.5877E-12	-89.929E-6	1.7986E-9
1	Grid	92.04691	84.21158	106.80000	-15.34775	106.78	-4.3126E-12	-86.701E-6	1.7340E-9
1	Grid	94.04209	84.21158	106.80000	-15.24200	106.78	-4.0568E-12	-83.601E-6	1.6720E-9
1	Grid	96.03727	84.21158	106.80000	-15.09590	106.78	-3.8201E-12	-80.624E-6	1.6125E-9
1	Grid	98.03245	84.21158	106.80000	-14.90456	106.78	-3.5905E-12	-77.767E-6	1.5553E-9
1	Grid	100.02763	84.21158	106.80000	-14.66065	106.78	-3.3820E-12	-75.023E-6	1.5005E-9
1	Grid	102.02281	84.21158	106.80000	-14.35304	106.78	-3.1861E-12	-72.389E-6	1.4478E-9
1	Grid	104.01799	84.21158	106.80000	-13.96376	106.78	-3.0003E-12	-69.862E-6	1.3972E-9
1	Grid	106.01317	84.21158	106.80000	-13.46328	106.78	-2.8284E-12	-67.433E-6	1.3487E-9
1	Grid	108.00835	84.21158	106.80000	-12.78010	106.78	-2.6652E-12	-65.106E-6	1.3021E-9
1	Grid	110.00353	84.21158	106.80000	-11.74217	106.78	-2.5113E-12	-62.870E-6	1.2574E-9
1	Grid	111.99871	84.21158	106.80000	-9.32997	106.78	-2.3714E-12	-60.724E-6	1.2145E-9
1	Grid	113.99389	84.21158	106.80000	-5.18637	106.78	-2.2389E-12	-58.663E-6	1.1733E-9
1	Grid	115.98906	84.21158	106.80000	-3.97007	106.78	-2.1110E-12	-56.765E-6	1.1337E-9
1	Grid	117.98424	84.21158	106.80000	-3.21002	106.78	-1.9964E-12	-54.786E-6	1.0957E-9
1	Grid	119.97942	84.21158	106.80000	-2.65359	106.78	-1.8838E-12	-52.962E-6	1.0592E-9
1	Grid	121.97460	84.21158	106.80000	-2.21880	106.78	-1.7812E-12	-51.210E-6	1.0242E-9
1	Grid	123.96978	84.21158	106.80000	-1.86793	106.78	-1.6860E-12	-49.527E-6	990.54E-12
1	Grid	125.96496	84.21158	106.80000	-1.57986	106.78	-1.5934E-12	-47.913E-6	958.21E-12
1	Grid	127.96014	84.21158	106.80000	-1.34089	106.78	-1.5061E-12	-46.357E-6	927.15E-12
1	Grid	129.95532	84.21158	106.80000	-1.14147	106.78	-1.4269E-12	-44.865E-6	897.30E-12
1	Grid	131.95050	84.21158	106.80000	-0.97425	106.78	-1.3516E-12	-43.431E-6	868.61E-12
1	Grid	133.94568	84.21158	106.80000	-0.83344	106.78	-1.2803E-12	-42.052E-6	841.03E-12
1	Grid	135.94086	84.21158	106.80000	-0.71425	106.78	-1.2150E-12	-40.726E-6	814.61E-12
1	Grid	137.93604	84.21158	106.80000	-0.61334	106.78	-1.1497E-12	-39.451E-6	789.02E-12
1	Grid	139.93122	84.21158	106.80000	-0.52725	106.78	-1.0905E-12	-38.225E-6	764.50E-12
1	Grid	141.92640	84.21158	106.80000	-0.45363	106.78	-1.0365E-12	-37.045E-6	740.91E-12
1	Grid	143.92158	84.21158	106.80000	-0.39047	106.78	0.0	-35.910E-6	718.21E-12
1	Grid	145.91676	84.21158	106.80000	-0.33700	106.78	0.0	-34.818E-6	696.36E-12
1	Grid	147.91194	84.21158	106.80000	-0.28919	106.78	0.0	-33.767E-6	675.34E-12
1	Grid	149.90712	84.21158	106.80000	-0.24859	106.78	0.0	-32.755E-6	655.09E-12
1	Grid	151.90230	84.21158	106.80000	-0.21339	106.78	0.0	-31.780E-6	635.59E-12
1	Grid	153.89748	84.21158	106.80000	-0.18281	106.78	0.0	-30.841E-6	616.82E-12
1	Grid	155.89266	84.21158	106.80000	-0.15619	106.78	0.0	-29.936E-6	598.73E-12
1	Grid	157.88784	84.21158	106.80000	-0.13299	106.78	0.0	-29.065E-6	581.30E-12
1	Grid	159.88302	84.21158	106.80000	-0.11275	106.78	0.0	-28.225E-6	564.49E-12
1	Grid	161.87820	84.21158	106.80000	-0.09507	106.78	0.0	-27.415E-6	548.30E-12
1	Grid	163.87338	84.21158	106.80000	-0.07961	106.78	0.0	-26.634E-6	532.68E-12
1	Grid	165.86856	84.21158	106.80000	-0.06609	106.78	0.0	-25.881E-6	517.62E-12
1	Grid	167.86374	84.21158	106.80000	-0.05425	106.78	0.0	-25.155E-6	503.09E-12
1	Grid	169.85892	84.21158	106.80000	-0.04389	106.78	0.0	-24.454E-6	489.07E-12
1	Grid	171.85410	84.21158	106.80000	-0.03482	106.78	0.0	-23.777E-6	475.55E-12
1	Grid	173.84928	84.21158	106.80000	-0.02688	106.78	0.0	-23.124E-6	462.49E-12
1	Grid	175.84446	84.21158	106.80000	-0.01993	106.78	0.0	-22.494E-6	449.88E-12
1	Grid	177.83964	84.21158	106.80000	-0.01385	106.78	0.0	-21.885E-6	437.70E-12
1	Grid	179.83482	84.21158	106.80000	-0.00854	106.78	0.0	-21.297E-6	425.94E-12
1	Grid	181.83000	84.21158	106.80000	-0.00390	106.78	0.0	-20.729E-6	414.58E-12
1	Grid	195.50000	86.08633	106.80000	0.02457	106.78	-5.1958E-12	-96.53E-6	1.9307E-9
1	Grid	197.49518	86.08633	106.80000	0.02465	106.78	-5.5236E-12	-100.15E-6	2.0022E-9
1	Grid	199.49036	86.08633	106.80000	0.02469	106.78	-5.8740E-12	-103.82E-6	2.0765E-9
1	Grid	201.48554	86.08633	106.80000	0.02470	106.78	-6.2450E-12	-107.68E-6	2.1536E-9
1	Grid	203.48072	86.08633	106.80000	0.02468	106.78	-6.6414E-12	-111.68E-6	2.2336E-9
1	Grid	205.47590	86.08633	106.80000	0.02462	106.78	-7.0643E-12	-115.83E-6	2.3167E-9
1	Grid	207.47108	86.08633	106.80000	0.02453	106.78	-7.5120E-12	-120.14E-6	2.4027E-9
1	Grid	209.46626	86.08633	106.80000	0.02439	106.78	-7.9889E-12	-124.60E-6	2.4919E-9
1	Grid	211.46144	86.08633	106.80000	0.02421	106.78	-8.4952E-12	-129.21E-6	2.5842E-9
1	Grid	213.45662	86.08633	106.80000	0.02399	106.78	-9.0328E-12	-133.98E-6	2.6796E-9
1	Grid	215.45180	86.08633	106.80000	0.02371	106.78	-9.6010E-12	-138.91E-6	2.7783E-9
1	Grid	217.44698	86.08633	106.80000	0.02339	106.78	-10.2058E-12	-144.00E-6	2.8800E-9
1	Grid	219.44216	86.08633	106.80000	0.02301	106.78	-10.840E-12	-149.25E-6	2.9850E-9
1	Grid	221.43734	86.08633	106.80000	0.02258	106.78	-11.509E-12	-154.65E-6	3.0930E-9
1	Grid	223.43252	86.08633	106.80000	0.02209	106.78	-12.220E-12	-160.21E-6	3.2041E-9
1	Grid	225.42770	86.08633	106.80000	0.02154	106.78	-12.962E-12	-165.91E-6	3.3182E-9
1	Grid	227.42288	86.08633	106.80000	0.02092	106.78	-13.747E-12	-171.55E-6	3.4351E-9
1	Grid	229.41806	86.08633	106.80000	0.02024	106.78	-14.564E-12	-17	



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
1	Grid	6.25417	86.08633	106.80000	-0.07302	106.78	-36.275E-12	-305.42E-6	6.1084E-9
1	Grid	8.24935	86.08633	106.80000	-0.08263	106.78	-35.596E-12	-302.04E-6	6.0408E-9
1	Grid	10.24453	86.08633	106.80000	-0.09358	106.78	-34.833E-12	-298.22E-6	5.9643E-9
1	Grid	12.23971	86.08633	106.80000	-0.10608	106.78	-33.995E-12	-293.97E-6	5.8795E-9
1	Grid	14.23489	86.08633	106.80000	-0.12038	106.78	-33.092E-12	-289.35E-6	5.7870E-9
1	Grid	16.23007	86.08633	106.80000	-0.13678	106.78	-32.133E-12	-284.38E-6	5.6875E-9
1	Grid	18.22525	86.08633	106.80000	-0.15562	106.78	-31.125E-12	-279.09E-6	5.5818E-9
1	Grid	20.22043	86.08633	106.80000	-0.17731	106.78	-30.082E-12	-273.52E-6	5.4705E-9
1	Grid	22.21561	86.08633	106.80000	-0.20231	106.78	-29.003E-12	-267.71E-6	5.3543E-9
1	Grid	24.21079	86.08633	106.80000	-0.23118	106.78	-27.910E-12	-261.70E-6	5.2340E-9
1	Grid	26.20597	86.08633	106.80000	-0.26461	106.78	-26.799E-12	-255.51E-6	5.1103E-9
1	Grid	28.20115	86.08633	106.80000	-0.30339	106.78	-25.684E-12	-249.19E-6	4.9838E-9
1	Grid	30.19633	86.08633	106.80000	-0.34852	106.78	-24.570E-12	-242.76E-6	4.8553E-9
1	Grid	32.19151	86.08633	106.80000	-0.40119	106.78	-23.467E-12	-236.26E-6	4.7253E-9
1	Grid	34.18669	86.08633	106.80000	-0.46288	106.78	-22.375E-12	-229.72E-6	4.5944E-9
1	Grid	36.18187	86.08633	106.80000	-0.53544	106.78	-21.300E-12	-223.16E-6	4.4631E-9
1	Grid	38.17705	86.08633	106.80000	-0.62121	106.78	-20.254E-12	-216.60E-6	4.3321E-9
1	Grid	40.17223	86.08633	106.80000	-0.72317	106.78	-19.231E-12	-210.08E-6	4.2016E-9
1	Grid	42.16741	86.08633	106.80000	-0.84513	106.78	-18.235E-12	-203.61E-6	4.0722E-9
1	Grid	44.16259	86.08633	106.80000	-0.99209	106.78	-17.277E-12	-197.21E-6	3.9442E-9
1	Grid	46.15777	86.08633	106.80000	-1.17057	106.78	-16.351E-12	-190.90E-6	3.8180E-9
1	Grid	48.15295	86.08633	106.80000	-1.38917	106.78	-15.460E-12	-184.69E-6	3.6938E-9
1	Grid	50.14813	86.08633	106.80000	-1.65928	106.78	-14.609E-12	-178.59E-6	3.5718E-9
1	Grid	52.14331	86.08633	106.80000	-1.99649	106.78	-13.789E-12	-172.62E-6	3.4524E-9
1	Grid	54.13849	86.08633	106.80000	-2.42363	106.78	-13.010E-12	-166.78E-6	3.3356E-9
1	Grid	56.13367	86.08633	106.80000	-2.94943	106.78	-12.268E-12	-161.06E-6	3.2216E-9
1	Grid	58.12885	86.08633	106.80000	-3.74680	106.78	-11.561E-12	-155.53E-6	3.1105E-9
1	Grid	60.12403	86.08633	106.80000	-4.98317	106.78	-10.889E-12	-150.12E-6	3.0025E-9
1	Grid	62.11921	86.08633	106.80000	-9.18863	106.78	-10.255E-12	-144.88E-6	2.8975E-9
1	Grid	64.11439	86.08633	106.80000	-11.55894	106.78	-9.6543E-12	-139.78E-6	2.7957E-9
1	Grid	66.10957	86.08633	106.80000	-14.00643	106.78	-9.0841E-12	-134.85E-6	2.6970E-9
1	Grid	68.10475	86.08633	106.80000	-13.29792	106.78	-8.5492E-12	-130.07E-6	2.6014E-9
1	Grid	70.09993	86.08633	106.80000	-13.81575	106.78	-8.0416E-12	-125.45E-6	2.5089E-9
1	Grid	72.09511	86.08633	106.80000	-14.22129	106.78	-7.5646E-12	-120.98E-6	2.4196E-9
1	Grid	74.09029	86.08633	106.80000	-14.54571	106.78	-7.1170E-12	-116.66E-6	2.3333E-9
1	Grid	76.08547	86.08633	106.80000	-14.80668	106.78	-6.6913E-12	-112.50E-6	2.2500E-9
1	Grid	78.08065	86.08633	106.80000	-15.01524	106.78	-6.2936E-12	-108.49E-6	2.1697E-9
1	Grid	80.07583	86.08633	106.80000	-15.17865	106.78	-5.9199E-12	-104.62E-6	2.0923E-9
1	Grid	82.07101	86.08633	106.80000	-15.30182	106.78	-5.5682E-12	-100.89E-6	2.0178E-9
1	Grid	84.06619	86.08633	106.80000	-15.38803	106.78	-5.2398E-12	-97.300E-6	1.9460E-9
1	Grid	86.06137	86.08633	106.80000	-15.43939	106.78	-4.9207E-12	-93.848E-6	1.8769E-9
1	Grid	88.05655	86.08633	106.80000	-15.45709	106.78	-4.6396E-12	-90.520E-6	1.8104E-9
1	Grid	90.05173	86.08633	106.80000	-15.44146	106.78	-4.3678E-12	-87.322E-6	1.7464E-9
1	Grid	92.04691	86.08633	106.80000	-15.39207	106.78	-4.1107E-12	-84.246E-6	1.6849E-9
1	Grid	94.04209	86.08633	106.80000	-15.30765	106.78	-3.8696E-12	-81.289E-6	1.6258E-9
1	Grid	96.03727	86.08633	106.80000	-15.18593	106.78	-3.6441E-12	-78.479E-6	1.5699E-9
1	Grid	98.03245	86.08633	106.80000	-15.02341	106.78	-3.4353E-12	-75.715E-6	1.5143E-9
1	Grid	100.02763	86.08633	106.80000	-14.81487	106.78	-3.2394E-12	-73.089E-6	1.4618E-9
1	Grid	102.02281	86.08633	106.80000	-14.55253	106.78	-3.0536E-12	-70.567E-6	1.4113E-9
1	Grid	104.01799	86.08633	106.80000	-14.22446	106.78	-2.8777E-12	-68.143E-6	1.3629E-9
1	Grid	106.01317	86.08633	106.80000	-13.81253	106.78	-2.7152E-12	-65.824E-6	1.3163E-9
1	Grid	108.00835	86.08633	106.80000	-13.27805	106.78	-2.5593E-12	-63.576E-6	1.2715E-9
1	Grid	110.00353	86.08633	106.80000	-12.55063	106.78	-2.4187E-12	-61.426E-6	1.2285E-9
1	Grid	111.99871	86.08633	106.80000	-11.41191	106.78	-2.2795E-12	-59.360E-6	1.1872E-9
1	Grid	113.99389	86.08633	106.80000	-7.69536	106.78	-2.1556E-12	-57.375E-6	1.1475E-9
1	Grid	115.98906	86.08633	106.80000	-4.92243	106.78	-2.0357E-12	-55.460E-6	1.1094E-9
1	Grid	117.98424	86.08633	106.80000	-3.70922	106.78	-1.9258E-12	-53.635E-6	1.0727E-9
1	Grid	119.97942	86.08633	106.80000	-2.98783	106.78	-1.8199E-12	-51.874E-6	1.0375E-9
1	Grid	121.97460	86.08633	106.80000	-2.45449	106.78	-1.7220E-12	-50.181E-6	1.0036E-9
1	Grid	123.96978	86.08633	106.80000	-2.03787	106.78	-1.6307E-12	-48.554E-6	971.07E-12
1	Grid	125.96496	86.08633	106.80000	-1.70367	106.78	-1.5421E-12	-46.989E-6	939.78E-12
1	Grid	127.96014	86.08633	106.80000	-1.43179	106.78	-1.4628E-12	-45.485E-6	909.70E-12
1	Grid	129.95532	86.08633	106.80000	-1.20865	106.78	-1.3836E-12	-44.039E-6	880.77E-12
1	Grid	131.95050	86.08633	106.80000	-1.02430	106.78	-1.3129E-12	-42.647E-6	852.95E-12
1	Grid	133.94568	86.08633	106.80000	-0.87108	106.78	-1.2423E-12	-41.309E-6	826.19E-12
1	Grid	135.94086	86.08633	106.80000	-0.74297	106.78	-1.1784E-12	-40.022E-6	800.44E-12
1	Grid	137.93604	86.08633	106.80000	-0.63525	106.78	-1.1171E-12	-38.783E-6	775.66E-12
1	Grid	139.93122	86.08633	106.80000	-0.54421	106.78	-1.0605E-12	-37.591E-6	751.82E-12
1	Grid	141.92640	86.08633	106.80000	-0.46687	106.78	-1.0065E-12	-36.443E-6	728.87E-12
1	Grid	143.92158	86.08633	106.80000	-0.40089	106.78	0.0	-35.339E-6	706.78E-12
1	Grid	145.91676	86.08633	106.80000	-0.34493	106.78	0.0	-34.275E-6	685.50E-12
1	Grid	147.91194	86.08633	106.80000	-0.29578	106.78	0.0	-33.251E-6	665.01E-12
1	Grid	149.90712	86.08633	106.80000	-0.25389	106.78	0.0	-32.264E-6	645.27E-12
1	Grid	151.90230	86.08633	106.80000	-0.21768	106.78	0.0	-31.313E-6	626.26E-12
1	Grid	153.89748	86.08633	106.80000	-0.18629	106.78	0.0	-30.397E-6	607.93E-12
1	Grid	155.89266	86.08633	106.80000	-0.15904	106.78	0.0	-29.513E-6	590.27E-12
1	Grid	157.88784	86.08633	106.80000	-0.13533	106.78	0.0	-28.662E-6	573.24E-12
1	Grid	159.88302	86.08633	106.80000	-0.11468	106.78	0.0	-27.841E-6	556.82E-12
1	Grid	161.87820	86.08633	106.80000	-0.09667	106.78	0.0	-27.049E-6	540.99E-12
1	Grid	163.87338	86.08633	106.80000	-0.08095	106.78	0.0	-26.286E-6	525.71E-12
1	Grid	165.86856	86.08633	106.80000	-0.06721	106.78	0.0	-25.549E-6	510.98E-12
1	Grid	167.86374	86.08633	106.80000	-0.05520	106.78	0.0	-24.838E-6	496.75E-12
1	Grid	169.85892	86.08633	106.80000	-0.04469	106.78	0.0	-24.151E-6	483.03E-12
1	Grid	171.85410	86.08633	106.80000	-0.03550	106.78	0.0	-23.489E-6	469.77E-12
1	Grid	173.84928	86.08633	106.80000	-0.02747	106.78	0.0	-22.849E-6	456.97E-12
1	Grid	175.84446	86.08633	106.80000	-0.02045	106.78	0.0	-22.215E-6	444.61E-12
1	Grid	177.83964	86.08633	106.80000	-0.01429	106.78	0.0	-21.634E-6	432.67E-12
1	Grid	179.83482	86.08633	106.80000	-0.00893	106.78	0.0	-21.057E-6	421.13E-12
1	Grid	181.83000	86.08633	106.80000	-0.00424	106.78	0.0	-20.499E-6	409.98E-12
1	Grid	-95.50000	87.96108	106.80000	0.02467	106.78	-4.9254E-12	-93.536E-6	1.8707E-9
1	Grid	-93.50000	87.96108	106.80000	0.02477	106.78	-5.2298E-12	-96.926E-6	1.9385E-9
1	Grid	-91.50964	87.96108	106.80000	0.02485	106.78	-5.5536E-12	-100.44E-6	2.0089E-9
1	Grid	-89.51446	87.96108	106.80000	0.02489	106.78	-5.9006E-12	-104.09E-6	2.0818E-9
1	Grid	-87.51928	87.96108	106.80000	0.02491	106.78	-6.2623E-12	-107.87E-6	2.1574E-9
1	Grid	-85.52410	87.96108	106.80000	0.02489	106.78	-6.6520E-12	-111.78E-6	2.2357E-9
1	Grid	-83.52892	87.96108	106.80000	0.02485	106.78	-7.0650E-12	-115.84E-6	2.3167E-9
1	Grid	-81.53374	87.96108	106.80000	0.02476	106.78	-7.5033E-12	-120.03E-6	2.4006E-9
1	Grid	-79.53856	87.96108	106.80000	0.02463	106.78	-7.9656E-12	-124.36E-6	2.4872E-9
1	Grid	-77.54338	87.96108	106.80000	0.02447	106.78	-8.4532E-12	-128.83E-6	



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mcd]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mcd]	[mm]				
1	Grid	-13.69763	87.96108	106.80000	-0.01486	106.78	-33.292E-12	-290.17E-6	5.8034E-9
1	Grid	-11.70245	87.96108	106.80000	-0.01799	106.78	-33.622E-12	-291.89E-6	5.8379E-9
1	Grid	-9.70727	87.96108	106.80000	-0.02141	106.78	-33.864E-12	-293.14E-6	5.8628E-9
1	Grid	-7.71209	87.96108	106.80000	-0.02517	106.78	-34.007E-12	-293.90E-6	5.8779E-9
1	Grid	-5.71691	87.96108	106.80000	-0.02934	106.78	-34.052E-12	-294.16E-6	5.8832E-9
1	Grid	-3.72173	87.96108	106.80000	-0.03396	106.78	-34.004E-12	-293.93E-6	5.8786E-9
1	Grid	-1.72655	87.96108	106.80000	-0.03913	106.78	-33.856E-12	-293.21E-6	5.8641E-9
1	Grid	0.26863	87.96108	106.80000	-0.04492	106.78	-33.618E-12	-292.00E-6	5.8399E-9
1	Grid	2.26381	87.96108	106.80000	-0.05144	106.78	-33.285E-12	-290.31E-6	5.8062E-9
1	Grid	4.25899	87.96108	106.80000	-0.05980	106.78	-32.866E-12	-288.16E-6	5.7631E-9
1	Grid	6.25417	87.96108	106.80000	-0.06715	106.78	-32.363E-12	-285.56E-6	5.7112E-9
1	Grid	8.24935	87.96108	106.80000	-0.07662	106.78	-31.785E-12	-282.54E-6	5.6508E-9
1	Grid	10.24453	87.96108	106.80000	-0.08741	106.78	-31.133E-12	-279.11E-6	5.5823E-9
1	Grid	12.23971	87.96108	106.80000	-0.09973	106.78	-30.415E-12	-275.32E-6	5.5063E-9
1	Grid	14.23489	87.96108	106.80000	-0.11380	106.78	-29.644E-12	-271.17E-6	5.4233E-9
1	Grid	16.23007	87.96108	106.80000	-0.12992	106.78	-28.819E-12	-266.70E-6	5.3340E-9
1	Grid	18.22525	87.96108	106.80000	-0.14840	106.78	-27.953E-12	-261.95E-6	5.2389E-9
1	Grid	20.22043	87.96108	106.80000	-0.16964	106.78	-27.051E-12	-256.94E-6	5.1387E-9
1	Grid	22.21561	87.96108	106.80000	-0.19408	106.78	-26.124E-12	-251.70E-6	5.0340E-9
1	Grid	24.21079	87.96108	106.80000	-0.22225	106.78	-25.175E-12	-246.27E-6	4.9253E-9
1	Grid	26.20597	87.96108	106.80000	-0.25478	106.78	-24.215E-12	-240.67E-6	4.8135E-9
1	Grid	28.20115	87.96108	106.80000	-0.29242	106.78	-23.247E-12	-234.95E-6	4.6989E-9
1	Grid	30.19633	87.96108	106.80000	-0.33609	106.78	-22.277E-12	-229.12E-6	4.5823E-9
1	Grid	32.19151	87.96108	106.80000	-0.38687	106.78	-21.311E-12	-223.21E-6	4.4642E-9
1	Grid	34.18669	87.96108	106.80000	-0.44611	106.78	-20.358E-12	-217.25E-6	4.3450E-9
1	Grid	36.18187	87.96108	106.80000	-0.51545	106.78	-19.416E-12	-211.27E-6	4.2253E-9
1	Grid	38.17705	87.96108	106.80000	-0.59692	106.78	-18.491E-12	-205.28E-6	4.1056E-9
1	Grid	40.17223	87.96108	106.80000	-0.69307	106.78	-17.591E-12	-199.31E-6	3.9862E-9
1	Grid	42.16741	87.96108	106.80000	-0.80709	106.78	-16.715E-12	-193.38E-6	3.8676E-9
1	Grid	44.16259	87.96108	106.80000	-0.94298	106.78	-15.866E-12	-187.50E-6	3.7500E-9
1	Grid	46.15777	87.96108	106.80000	-1.10803	106.78	-15.043E-12	-181.69E-6	3.6339E-9
1	Grid	48.15295	87.96108	106.80000	-1.30208	106.78	-14.247E-12	-175.97E-6	3.5194E-9
1	Grid	50.14813	87.96108	106.80000	-1.53998	106.78	-13.488E-12	-170.34E-6	3.4068E-9
1	Grid	52.14331	87.96108	106.80000	-1.83039	106.78	-12.752E-12	-164.82E-6	3.2963E-9
1	Grid	54.13849	87.96108	106.80000	-2.18844	106.78	-12.054E-12	-159.41E-6	3.1881E-9
1	Grid	56.13367	87.96108	106.80000	-2.63755	106.78	-11.384E-12	-154.12E-6	3.0823E-9
1	Grid	58.12885	87.96108	106.80000	-3.22009	106.78	-10.747E-12	-148.95E-6	2.9791E-9
1	Grid	60.12403	87.96108	106.80000	-4.03197	106.78	-10.143E-12	-143.92E-6	2.8785E-9
1	Grid	62.11921	87.96108	106.80000	-5.39839	106.78	-9.5663E-12	-139.03E-6	2.7805E-9
1	Grid	64.11439	87.96108	106.80000	-9.93372	106.78	-9.0215E-12	-134.27E-6	2.6854E-9
1	Grid	66.10957	87.96108	106.80000	-11.87372	106.78	-8.5032E-12	-129.65E-6	2.5930E-9
1	Grid	68.10475	87.96108	106.80000	-12.83178	106.78	-8.0136E-12	-125.17E-6	2.5034E-9
1	Grid	70.09993	87.96108	106.80000	-13.48124	106.78	-7.5500E-12	-120.83E-6	2.4166E-9
1	Grid	72.09511	87.96108	106.80000	-13.96778	106.78	-7.1130E-12	-116.63E-6	2.3326E-9
1	Grid	74.09029	87.96108	106.80000	-14.34809	106.78	-6.7000E-12	-112.57E-6	2.2514E-9
1	Grid	76.08547	87.96108	106.80000	-14.65060	106.78	-6.3090E-12	-108.65E-6	2.1729E-9
1	Grid	78.08065	87.96108	106.80000	-14.89176	106.78	-5.9426E-12	-104.85E-6	2.0971E-9
1	Grid	80.07583	87.96108	106.80000	-15.08193	106.78	-5.5982E-12	-101.20E-6	2.0239E-9
1	Grid	82.07101	87.96108	106.80000	-15.22795	106.78	-5.2744E-12	-97.667E-6	1.9533E-9
1	Grid	84.06619	87.96108	106.80000	-15.33443	106.78	-4.9667E-12	-94.264E-6	1.8853E-9
1	Grid	86.06137	87.96108	106.80000	-15.40497	106.78	-4.6789E-12	-90.980E-6	1.8197E-9
1	Grid	88.05655	87.96108	106.80000	-15.43999	106.78	-4.4105E-12	-87.825E-6	1.7565E-9
1	Grid	90.05173	87.96108	106.80000	-15.44202	106.78	-4.1587E-12	-84.782E-6	1.6956E-9
1	Grid	92.04691	87.96108	106.80000	-15.41076	106.78	-3.9169E-12	-81.853E-6	1.6371E-9
1	Grid	94.04209	87.96108	106.80000	-15.34562	106.78	-3.6930E-12	-79.033E-6	1.5807E-9
1	Grid	96.03727	87.96108	106.80000	-15.24517	106.78	-3.4825E-12	-76.313E-6	1.5264E-9
1	Grid	98.03245	87.96108	106.80000	-15.10694	106.78	-3.2854E-12	-73.708E-6	1.4742E-9
1	Grid	100.02763	87.96108	106.80000	-14.92720	106.78	-3.0989E-12	-71.196E-6	1.4239E-9
1	Grid	102.02281	87.96108	106.80000	-14.70040	106.78	-2.9243E-12	-68.780E-6	1.3756E-9
1	Grid	104.01799	87.96108	106.80000	-14.41826	106.78	-2.7591E-12	-66.457E-6	1.3291E-9
1	Grid	106.01317	87.96108	106.80000	-14.06808	106.78	-2.6059E-12	-64.222E-6	1.2844E-9
1	Grid	108.00835	87.96108	106.80000	-13.62871	106.78	-2.4607E-12	-62.072E-6	1.2414E-9
1	Grid	110.00353	87.96108	106.80000	-13.06182	106.78	-2.3255E-12	-60.006E-6	1.2001E-9
1	Grid	111.99871	87.96108	106.80000	-12.28228	106.78	-2.1976E-12	-58.018E-6	1.1604E-9
1	Grid	113.99389	87.96108	106.80000	-11.02150	106.78	-2.0777E-12	-56.106E-6	1.1221E-9
1	Grid	115.98907	87.96108	106.80000	-6.73565	106.78	-1.9644E-12	-54.268E-6	1.0854E-9
1	Grid	117.98424	87.96108	106.80000	-4.45469	106.78	-1.8552E-12	-52.500E-6	1.0500E-9
1	Grid	119.97942	87.96108	106.80000	-3.42571	106.78	-1.7586E-12	-50.800E-6	1.0160E-9
1	Grid	121.97460	87.96108	106.80000	-2.74140	106.78	-1.6647E-12	-49.164E-6	983.28E-12
1	Grid	123.96978	87.96108	106.80000	-2.23367	106.78	-1.5754E-12	-47.591E-6	951.82E-12
1	Grid	125.96496	87.96108	106.80000	-1.83969	106.78	-1.4935E-12	-46.077E-6	921.54E-12
1	Grid	127.96014	87.96108	106.80000	-1.52736	106.78	-1.4149E-12	-44.621E-6	892.42E-12
1	Grid	129.95532	87.96108	106.80000	-1.27659	106.78	-1.3416E-12	-43.219E-6	864.39E-12
1	Grid	131.95050	87.96108	106.80000	-1.07323	106.78	-1.2723E-12	-41.871E-6	837.41E-12
1	Grid	133.94568	87.96108	106.80000	-0.90682	106.78	-1.2064E-12	-40.572E-6	811.45E-12
1	Grid	135.94086	87.96108	106.80000	-0.76944	106.78	-1.1458E-12	-39.313E-6	786.45E-12
1	Grid	137.93604	87.96108	106.80000	-0.65513	106.78	-1.0871E-12	-38.119E-6	762.39E-12
1	Grid	139.93122	87.96108	106.80000	-0.55931	106.78	-1.0325E-12	-36.961E-6	739.21E-12
1	Grid	141.92640	87.96108	106.80000	-0.47848	106.78	0.0	-35.845E-6	716.89E-12
1	Grid	143.92158	87.96108	106.80000	-0.40990	106.78	0.0	-34.770E-6	695.39E-12
1	Grid	145.91676	87.96108	106.80000	-0.35142	106.78	0.0	-33.744E-6	674.68E-12
1	Grid	147.91194	87.96108	106.80000	-0.30135	106.78	0.0	-32.736E-6	654.72E-12
1	Grid	149.90712	87.96108	106.80000	-0.25832	106.78	0.0	-31.774E-6	635.48E-12
1	Grid	151.90230	87.96108	106.80000	-0.22122	106.78	0.0	-30.847E-6	616.94E-12
1	Grid	153.89748	87.96108	106.80000	-0.18915	106.78	0.0	-29.953E-6	599.06E-12
1	Grid	155.89266	87.96108	106.80000	-0.16135	106.78	0.0	-29.091E-6	581.82E-12
1	Grid	157.88784	87.96108	106.80000	-0.13722	106.78	0.0	-28.260E-6	565.20E-12
1	Grid	159.88302	87.96108	106.80000	-0.11623	106.78	0.0	-27.458E-6	549.16E-12
1	Grid	161.87820	87.96108	106.80000	-0.09795	106.78	0.0	-26.684E-6	533.68E-12
1	Grid	163.87338	87.96108	106.80000	-0.08201	106.78	0.0	-25.937E-6	518.74E-12
1	Grid	165.86856	87.96108	106.80000	-0.06806	106.78	0.0	-25.216E-6	504.43E-12
1	Grid	167.86374	87.96108	106.80000	-0.05594	106.78	0.0	-24.520E-6	490.41E-12
1	Grid	169.85892	87.96108	106.80000	-0.04532	106.78	0.0	-23.848E-6	476.97E-12
1	Grid	171.85410	87.96108	106.80000	-0.03604	106.78	0.0	-23.199E-6	463.99E-12
1	Grid	173.84928	87.96108	106.80000	-0.02793	106.78	0.0	-22.572E-6	451.45E-12
1	Grid	175.84446	87.96108	106.80000	-0.02145	106.78	0.0	-21.967E-6	439.33E-12
1	Grid	177.83964	87.96108	106.80000	-0.01465	106.78	0.0	-21.381E-6	427.63E-12
1	Grid	179.83482	87.96108	106.80000	-0.00924	106.78	0.0	-20.815E-6	416.31E-12
1	Grid	181.83000	87.96108	106.80000	-0.004				

Highgate Junior School Sports Hall Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	-35.64942	89.83583	106.80000	0.00946	106.78	-23.575E-12	-236.45E-6	4.7290E-9
1	Grid	-31.65424	89.83583	106.80000	0.00801	106.78	-24.380E-12	-241.21E-6	4.8242E-9
1	Grid	-29.65906	89.83583	106.80000	0.00646	106.78	-25.160E-12	-245.77E-6	4.9153E-9
1	Grid	-27.66388	89.83583	106.80000	0.00482	106.78	-25.909E-12	-250.08E-6	5.0016E-9
1	Grid	-25.66871	89.83583	106.80000	0.00307	106.78	-26.620E-12	-254.13E-6	5.0827E-9
1	Grid	-23.67353	89.83583	106.80000	0.00120	106.78	-27.282E-12	-257.90E-6	5.1579E-9
1	Grid	-21.67835	89.83583	106.80000	-0.00080	106.78	-27.898E-12	-261.34E-6	5.2268E-9
1	Grid	-19.68317	89.83583	106.80000	-0.00296	106.78	-28.458E-12	-264.45E-6	5.2889E-9
1	Grid	-17.68799	89.83583	106.80000	-0.00528	106.78	-28.958E-12	-267.19E-6	5.3438E-9
1	Grid	-15.69281	89.83583	106.80000	-0.00781	106.78	-29.384E-12	-269.55E-6	5.3910E-9
1	Grid	-13.69763	89.83583	106.80000	-0.01055	106.78	-29.741E-12	-271.51E-6	5.4302E-9
1	Grid	-11.70245	89.83583	106.80000	-0.01356	106.78	-30.025E-12	-273.05E-6	5.4610E-9
1	Grid	-9.70727	89.83583	106.80000	-0.01687	106.78	-30.228E-12	-274.17E-6	5.4833E-9
1	Grid	-7.71209	89.83583	106.80000	-0.02052	106.78	-30.351E-12	-274.85E-6	5.4969E-9
1	Grid	-5.71691	89.83583	106.80000	-0.02457	106.78	-30.391E-12	-275.09E-6	5.5017E-9
1	Grid	-3.72173	89.83583	106.80000	-0.02909	106.78	-30.348E-12	-274.86E-6	5.4976E-9
1	Grid	-1.72655	89.83583	106.80000	-0.03415	106.78	-30.226E-12	-274.23E-6	5.4847E-9
1	Grid	0.26863	89.83583	106.80000	-0.03983	106.78	-30.019E-12	-273.15E-6	5.4630E-9
1	Grid	2.26381	89.83583	106.80000	-0.04623	106.78	-29.736E-12	-271.64E-6	5.4328E-9
1	Grid	4.25899	89.83583	106.80000	-0.05347	106.78	-29.378E-12	-269.72E-6	5.3943E-9
1	Grid	6.25417	89.83583	106.80000	-0.06166	106.78	-28.949E-12	-267.39E-6	5.3386E-9
1	Grid	8.24935	89.83583	106.80000	-0.07097	106.78	-28.453E-12	-264.68E-6	5.2936E-9
1	Grid	10.24453	89.83583	106.80000	-0.08156	106.78	-27.894E-12	-261.61E-6	5.2322E-9
1	Grid	12.23971	89.83583	106.80000	-0.09364	106.78	-27.280E-12	-258.20E-6	5.1639E-9
1	Grid	14.23489	89.83583	106.80000	-0.10743	106.78	-26.612E-12	-254.47E-6	5.0893E-9
1	Grid	16.23007	89.83583	106.80000	-0.12293	106.78	-25.905E-12	-250.45E-6	5.0102E-9
1	Grid	18.22525	89.83583	106.80000	-0.14125	106.78	-25.160E-12	-246.16E-6	4.9233E-9
1	Grid	20.22043	89.83583	106.80000	-0.16196	106.78	-24.381E-12	-241.64E-6	4.8329E-9
1	Grid	22.21561	89.83583	106.80000	-0.18573	106.78	-23.576E-12	-236.91E-6	4.7382E-9
1	Grid	24.21079	89.83583	106.80000	-0.21308	106.78	-22.754E-12	-232.00E-6	4.6400E-9
1	Grid	26.20597	89.83583	106.80000	-0.24458	106.78	-21.920E-12	-226.93E-6	4.5386E-9
1	Grid	28.20115	89.83583	106.80000	-0.28093	106.78	-21.075E-12	-221.74E-6	4.4347E-9
1	Grid	30.19633	89.83583	106.80000	-0.32296	106.78	-20.229E-12	-216.44E-6	4.3287E-9
1	Grid	32.19151	89.83583	106.80000	-0.37166	106.78	-19.384E-12	-211.06E-6	4.2212E-9
1	Grid	34.18669	89.83583	106.80000	-0.42823	106.78	-18.548E-12	-205.63E-6	4.1126E-9
1	Grid	36.18187	89.83583	106.80000	-0.49412	106.78	-17.722E-12	-200.16E-6	4.0033E-9
1	Grid	38.17705	89.83583	106.80000	-0.57109	106.78	-16.910E-12	-194.69E-6	3.8938E-9
1	Grid	40.17223	89.83583	106.80000	-0.66130	106.78	-16.112E-12	-189.22E-6	3.7844E-9
1	Grid	42.16741	89.83583	106.80000	-0.76739	106.78	-15.335E-12	-183.78E-6	3.6755E-9
1	Grid	44.16259	89.83583	106.80000	-0.89261	106.78	-14.583E-12	-178.37E-6	3.5675E-9
1	Grid	46.15777	89.83583	106.80000	-1.04097	106.78	-13.850E-12	-173.03E-6	3.4605E-9
1	Grid	48.15295	89.83583	106.80000	-1.21741	106.78	-13.139E-12	-167.75E-6	3.3549E-9
1	Grid	50.14813	89.83583	106.80000	-1.42811	106.78	-12.459E-12	-162.54E-6	3.2509E-9
1	Grid	52.14331	89.83583	106.80000	-1.68097	106.78	-11.805E-12	-157.43E-6	3.1486E-9
1	Grid	54.13849	89.83583	106.80000	-1.98684	106.78	-11.174E-12	-152.41E-6	3.0483E-9
1	Grid	56.13367	89.83583	106.80000	-2.36056	106.78	-10.576E-12	-147.47E-6	2.9505E-9
1	Grid	58.12885	89.83583	106.80000	-2.82781	106.78	-9.9973E-12	-142.70E-6	2.8540E-9
1	Grid	60.12403	89.83583	106.80000	-3.43565	106.78	-9.4484E-12	-138.01E-6	2.7602E-9
1	Grid	62.11921	89.83583	106.80000	-4.29625	106.78	-8.9275E-12	-133.44E-6	2.6689E-9
1	Grid	64.11439	89.83583	106.80000	-5.83004	106.78	-8.4293E-12	-129.00E-6	2.5799E-9
1	Grid	66.10957	89.83583	106.80000	-7.48758	106.78	-7.9583E-12	-124.67E-6	2.4935E-9
1	Grid	68.10475	89.83583	106.80000	-12.13888	106.78	-7.5127E-12	-120.47E-6	2.4095E-9
1	Grid	70.09993	89.83583	106.80000	-13.02253	106.78	-7.0903E-12	-116.40E-6	2.3280E-9
1	Grid	72.09511	89.83583	106.80000	-13.63176	106.78	-6.6893E-12	-112.45E-6	2.2490E-9
1	Grid	74.09029	89.83583	106.80000	-14.08970	106.78	-6.3083E-12	-108.63E-6	2.1725E-9
1	Grid	76.08547	89.83583	106.80000	-14.44677	106.78	-5.9526E-12	-104.94E-6	2.1000E-9
1	Grid	78.08065	89.83583	106.80000	-14.72899	106.78	-5.6128E-12	-101.35E-6	2.0269E-9
1	Grid	80.07583	89.83583	106.80000	-14.95166	106.78	-5.2931E-12	-97.887E-6	1.9577E-9
1	Grid	82.07101	89.83583	106.80000	-15.12449	106.78	-4.9927E-12	-94.546E-6	1.8909E-9
1	Grid	84.06619	89.83583	106.80000	-15.25391	106.78	-4.7102E-12	-91.321E-6	1.8264E-9
1	Grid	86.06137	89.83583	106.80000	-15.34427	106.78	-4.4431E-12	-88.200E-6	1.7642E-9
1	Grid	88.05655	89.83583	106.80000	-15.39844	106.78	-4.1920E-12	-85.206E-6	1.7041E-9
1	Grid	90.05173	89.83583	106.80000	-15.41818	106.78	-3.9542E-12	-82.311E-6	1.6462E-9
1	Grid	92.04691	89.83583	106.80000	-15.40434	106.78	-3.7317E-12	-79.521E-6	1.5904E-9
1	Grid	94.04209	89.83583	106.80000	-15.35698	106.78	-3.5205E-12	-76.832E-6	1.5366E-9
1	Grid	96.03727	89.83583	106.80000	-15.27335	106.78	-3.3260E-12	-74.242E-6	1.4848E-9
1	Grid	98.03245	89.83583	106.80000	-15.15783	106.78	-3.1402E-12	-71.747E-6	1.4349E-9
1	Grid	100.02763	89.83583	106.80000	-15.00179	106.78	-2.9663E-12	-69.344E-6	1.3869E-9
1	Grid	102.02281	89.83583	106.80000	-14.80321	106.78	-2.7998E-12	-67.031E-6	1.3406E-9
1	Grid	104.01799	89.83583	106.80000	-14.55620	106.78	-2.6472E-12	-64.804E-6	1.2961E-9
1	Grid	106.01317	89.83583	106.80000	-14.25196	106.78	-2.4992E-12	-62.660E-6	1.2532E-9
1	Grid	108.00835	89.83583	106.80000	-13.87684	106.78	-2.3648E-12	-60.596E-6	1.2119E-9
1	Grid	110.00353	89.83583	106.80000	-13.40812	106.78	-2.2335E-12	-58.609E-6	1.1722E-9
1	Grid	111.99871	89.83583	106.80000	-12.80317	106.78	-2.1123E-12	-56.697E-6	1.1339E-9
1	Grid	113.99389	89.83583	106.80000	-11.96383	106.78	-2.0011E-12	-54.857E-6	1.0971E-9
1	Grid	115.98906	89.83583	106.80000	-10.95019	106.78	-1.8938E-12	-53.089E-6	1.0617E-9
1	Grid	117.98424	89.83583	106.80000	-9.86160	106.78	-1.7926E-12	-51.381E-6	1.0276E-9
1	Grid	119.97942	89.83583	106.80000	-4.06461	106.78	-1.6986E-12	-49.740E-6	994.79E-12
1	Grid	121.97460	89.83583	106.80000	-3.10972	106.78	-1.6080E-12	-48.160E-6	963.20E-12
1	Grid	123.96978	89.83583	106.80000	-2.46480	106.78	-1.5261E-12	-46.639E-6	932.78E-12
1	Grid	125.96496	89.83583	106.80000	-1.98946	106.78	-1.4455E-12	-45.175E-6	903.50E-12
1	Grid	127.96014	89.83583	106.80000	-1.62635	106.78	-1.3699E-12	-43.765E-6	875.30E-12
1	Grid	129.95532	89.83583	106.80000	-1.34334	106.78	-1.2983E-12	-42.408E-6	848.16E-12
1	Grid	131.95050	89.83583	106.80000	-1.11924	106.78	-1.2317E-12	-41.101E-6	822.01E-12
1	Grid	133.94568	89.83583	106.80000	-0.93923	106.78	-1.1711E-12	-39.841E-6	796.83E-12
1	Grid	135.94086	89.83583	106.80000	-0.79274	106.78	-1.1118E-12	-38.629E-6	772.57E-12
1	Grid	137.93604	89.83583	106.80000	-0.67219	106.78	-1.0552E-12	-37.460E-6	749.20E-12
1	Grid	139.93122	89.83583	106.80000	-0.57200	106.78	-1.0045E-12	-36.334E-6	726.68E-12
1	Grid	141.92640	89.83583	106.80000	-0.48805	106.78	0.0	-35.249E-6	704.99E-12
1	Grid	143.92158	89.83583	106.80000	-0.41719	106.78	0.0	-34.204E-6	684.07E-12
1	Grid	145.91676	89.83583	106.80000	-0.35703	106.78	0.0	-33.196E-6	663.91E-12
1	Grid	147.91194	89.83583	106.80000	-0.30573	106.78	0.0	-32.224E-6	644.47E-12
1	Grid	149.90712	89.83583	106.80000	-0.26175	106.78	0.0	-31.287E-6	625.73E-12
1	Grid	151.90230	89.83583	106.80000	-0.22393	106.78	0.0	-30.383E-6	607.66E-12
1	Grid	153.89748	89.83583	106.80000	-0.19130	106.78	0.0	-29.511E-6	590.22E-12
1	Grid	155.89266	89.83583	106.80000	-0.16303	106.78	0.0	-28.674E-6	573.40E-12
1	Grid	157.88784	89.83583	106.80000	-0.13861	106.78	0.0	-27.858E-6	557.16E-12</



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	-53.60122	91.71058	106.80000	0.02129	106.78	-14.058E-12	-174.10E-6	3.4819E-9
1	Grid	-51.60604	91.71058	106.80000	0.02064	106.78	-14.749E-12	-179.11E-6	3.5823E-9
1	Grid	-49.61086	91.71058	106.80000	0.01993	106.78	-15.452E-12	-184.15E-6	3.6829E-9
1	Grid	-47.61568	91.71058	106.80000	0.01917	106.78	-16.174E-12	-189.18E-6	3.7836E-9
1	Grid	-45.62050	91.71058	106.80000	0.01835	106.78	-16.904E-12	-194.20E-6	3.8839E-9
1	Grid	-43.62532	91.71058	106.80000	0.01746	106.78	-17.644E-12	-199.18E-6	3.9835E-9
1	Grid	-41.63014	91.71058	106.80000	0.01652	106.78	-18.386E-12	-204.10E-6	4.0820E-9
1	Grid	-39.63496	91.71058	106.80000	0.01550	106.78	-19.127E-12	-208.95E-6	4.1790E-9
1	Grid	-37.63978	91.71058	106.80000	0.01442	106.78	-19.869E-12	-213.70E-6	4.2740E-9
1	Grid	-35.64460	91.71058	106.80000	0.01326	106.78	-20.596E-12	-218.32E-6	4.3665E-9
1	Grid	-33.64942	91.71058	106.80000	0.01203	106.78	-21.314E-12	-222.81E-6	4.4561E-9
1	Grid	-31.65424	91.71058	106.80000	0.01071	106.78	-22.014E-12	-227.12E-6	4.5423E-9
1	Grid	-29.65906	91.71058	106.80000	0.00931	106.78	-22.689E-12	-231.23E-6	4.6246E-9
1	Grid	-27.66388	91.71058	106.80000	0.00780	106.78	-23.337E-12	-235.13E-6	4.7026E-9
1	Grid	-25.66871	91.71058	106.80000	0.00618	106.78	-23.953E-12	-238.79E-6	4.7757E-9
1	Grid	-23.67353	91.71058	106.80000	0.00445	106.78	-24.526E-12	-242.18E-6	4.8435E-9
1	Grid	-21.67835	91.71058	106.80000	0.00257	106.78	-25.057E-12	-245.28E-6	4.9056E-9
1	Grid	-19.68317	91.71058	106.80000	0.00055	106.78	-25.537E-12	-248.07E-6	4.9615E-9
1	Grid	-17.68799	91.71058	106.80000	-0.00166	106.78	-25.963E-12	-250.54E-6	5.0108E-9
1	Grid	-15.69281	91.71058	106.80000	-0.00406	106.78	-26.332E-12	-252.66E-6	5.0532E-9
1	Grid	-13.69763	91.71058	106.80000	-0.00669	106.78	-26.638E-12	-254.42E-6	5.0884E-9
1	Grid	-11.70245	91.71058	106.80000	-0.00958	106.78	-26.882E-12	-255.81E-6	5.1161E-9
1	Grid	-9.70727	91.71058	106.80000	-0.01277	106.78	-27.054E-12	-256.81E-6	5.1362E-9
1	Grid	-7.71209	91.71058	106.80000	-0.01631	106.78	-27.162E-12	-257.42E-6	5.1484E-9
1	Grid	-5.71691	91.71058	106.80000	-0.02026	106.78	-27.197E-12	-257.63E-6	5.1527E-9
1	Grid	-3.72173	91.71058	106.80000	-0.02460	106.78	-27.160E-12	-257.44E-6	5.1490E-9
1	Grid	-1.72655	91.71058	106.80000	-0.02960	106.78	-27.052E-12	-256.87E-6	5.1374E-9
1	Grid	0.26863	91.71058	106.80000	-0.03515	106.78	-26.878E-12	-255.90E-6	5.1180E-9
1	Grid	2.26381	91.71058	106.80000	-0.04142	106.78	-26.633E-12	-254.55E-6	5.0909E-9
1	Grid	4.25899	91.71058	106.80000	-0.04850	106.78	-26.326E-12	-252.82E-6	5.0564E-9
1	Grid	6.25417	91.71058	106.80000	-0.05650	106.78	-25.960E-12	-250.73E-6	5.0146E-9
1	Grid	8.24935	91.71058	106.80000	-0.06563	106.78	-25.534E-12	-248.30E-6	4.9659E-9
1	Grid	10.24453	91.71058	106.80000	-0.07599	106.78	-25.051E-12	-245.53E-6	4.9107E-9
1	Grid	12.23971	91.71058	106.80000	-0.08778	106.78	-24.522E-12	-242.46E-6	4.8493E-9
1	Grid	14.23489	91.71058	106.80000	-0.10124	106.78	-23.948E-12	-239.10E-6	4.7821E-9
1	Grid	16.23007	91.71058	106.80000	-0.11660	106.78	-23.337E-12	-235.48E-6	4.7109E-9
1	Grid	18.22525	91.71058	106.80000	-0.13416	106.78	-22.690E-12	-231.61E-6	4.6322E-9
1	Grid	20.22043	91.71058	106.80000	-0.15426	106.78	-22.017E-12	-227.52E-6	4.5505E-9
1	Grid	22.21561	91.71058	106.80000	-0.17729	106.78	-21.319E-12	-223.24E-6	4.4648E-9
1	Grid	24.21079	91.71058	106.80000	-0.20372	106.78	-20.605E-12	-218.79E-6	4.3758E-9
1	Grid	26.20597	91.71058	106.80000	-0.23408	106.78	-19.879E-12	-214.19E-6	4.2838E-9
1	Grid	28.20115	91.71058	106.80000	-0.26902	106.78	-19.141E-12	-209.47E-6	4.1894E-9
1	Grid	30.19633	91.71058	106.80000	-0.30929	106.78	-18.399E-12	-204.65E-6	4.0929E-9
1	Grid	32.19151	91.71058	106.80000	-0.35577	106.78	-17.659E-12	-199.75E-6	3.9949E-9
1	Grid	34.18669	91.71058	106.80000	-0.40953	106.78	-16.923E-12	-194.79E-6	3.8957E-9
1	Grid	36.18187	91.71058	106.80000	-0.47189	106.78	-16.193E-12	-189.79E-6	3.7958E-9
1	Grid	38.17705	91.71058	106.80000	-0.54424	106.78	-15.480E-12	-184.78E-6	3.6955E-9
1	Grid	40.17223	91.71058	106.80000	-0.62853	106.78	-14.775E-12	-179.76E-6	3.5952E-9
1	Grid	42.16741	91.71058	106.80000	-0.72693	106.78	-14.085E-12	-174.76E-6	3.4952E-9
1	Grid	44.16259	91.71058	106.80000	-0.84207	106.78	-13.415E-12	-169.79E-6	3.3958E-9
1	Grid	46.15777	91.71058	106.80000	-0.97718	106.78	-12.762E-12	-164.86E-6	3.2972E-9
1	Grid	48.15295	91.71058	106.80000	-1.13606	106.78	-12.132E-12	-159.98E-6	3.1997E-9
1	Grid	50.14813	91.71058	106.80000	-1.32354	106.78	-11.523E-12	-155.17E-6	3.1034E-9
1	Grid	52.14331	91.71058	106.80000	-1.54556	106.78	-10.931E-12	-150.44E-6	3.0087E-9
1	Grid	54.13849	91.71058	106.80000	-1.80991	106.78	-10.365E-12	-145.78E-6	2.9157E-9
1	Grid	56.13367	91.71058	106.80000	-2.12743	106.78	-9.8241E-12	-141.22E-6	2.8245E-9
1	Grid	58.12885	91.71058	106.80000	-2.51442	106.78	-9.3059E-12	-136.75E-6	2.7350E-9
1	Grid	60.12403	91.71058	106.80000	-2.99821	106.78	-8.8076E-12	-132.38E-6	2.6476E-9
1	Grid	62.11921	91.71058	106.80000	-3.63195	106.78	-8.3333E-12	-128.11E-6	2.5623E-9
1	Grid	64.11439	91.71058	106.80000	-4.54799	106.78	-7.8844E-12	-123.96E-6	2.4791E-9
1	Grid	66.10957	91.71058	106.80000	-5.67035	106.78	-7.4527E-12	-119.91E-6	2.3982E-9
1	Grid	68.10475	91.71058	106.80000	-10.92342	106.78	-7.0437E-12	-115.97E-6	2.3194E-9
1	Grid	70.09993	91.71058	106.80000	-12.36382	106.78	-6.6573E-12	-112.14E-6	2.2429E-9
1	Grid	72.09511	91.71058	106.80000	-13.18247	106.78	-6.2890E-12	-108.43E-6	2.1686E-9
1	Grid	74.09029	91.71058	106.80000	-13.75485	106.78	-5.9432E-12	-104.83E-6	2.0966E-9
1	Grid	76.08547	91.71058	106.80000	-14.18604	106.78	-5.6108E-12	-101.34E-6	2.0268E-9
1	Grid	78.08065	91.71058	106.80000	-14.52114	106.78	-5.3031E-12	-97.959E-6	1.9592E-9
1	Grid	80.07583	91.71058	106.80000	-14.78398	106.78	-5.0060E-12	-94.689E-6	1.8938E-9
1	Grid	82.07101	91.71058	106.80000	-14.98877	106.78	-4.7282E-12	-91.525E-6	1.8305E-9
1	Grid	84.06619	91.71058	106.80000	-15.14463	106.78	-4.4651E-12	-88.468E-6	1.7694E-9
1	Grid	86.06137	91.71058	106.80000	-15.25758	106.78	-4.2173E-12	-85.514E-6	1.7103E-9
1	Grid	88.05655	91.71058	106.80000	-15.33168	106.78	-3.9841E-12	-82.661E-6	1.6532E-9
1	Grid	90.05173	91.71058	106.80000	-15.36959	106.78	-3.7643E-12	-79.908E-6	1.5982E-9
1	Grid	92.04691	91.71058	106.80000	-15.37287	106.78	-3.5532E-12	-77.250E-6	1.5450E-9
1	Grid	94.04209	91.71058	106.80000	-15.34221	106.78	-3.3593E-12	-74.687E-6	1.4937E-9
1	Grid	96.03727	91.71058	106.80000	-15.27749	106.78	-3.1728E-12	-72.215E-6	1.4433E-9
1	Grid	98.03245	91.71058	106.80000	-15.17779	106.78	-3.0009E-12	-69.831E-6	1.3966E-9
1	Grid	100.02763	91.71058	106.80000	-15.04129	106.78	-2.8377E-12	-67.533E-6	1.3507E-9
1	Grid	102.02281	91.71058	106.80000	-14.86512	106.78	-2.6812E-12	-65.319E-6	1.3064E-9
1	Grid	104.01799	91.71058	106.80000	-14.64498	106.78	-2.5360E-12	-63.184E-6	1.2637E-9
1	Grid	106.01317	91.71058	106.80000	-14.37457	106.78	-2.3981E-12	-61.128E-6	1.2226E-9
1	Grid	108.00835	91.71058	106.80000	-14.04451	106.78	-2.2689E-12	-59.146E-6	1.1829E-9
1	Grid	110.00353	91.71058	106.80000	-13.64016	106.78	-2.1489E-12	-57.238E-6	1.1448E-9
1	Grid	111.99871	91.71058	106.80000	-13.13689	106.78	-2.0330E-12	-55.399E-6	1.1080E-9
1	Grid	113.99389	91.71058	106.80000	-12.48731	106.78	-1.9251E-12	-53.627E-6	1.0725E-9
1	Grid	115.98906	91.71058	106.80000	-11.73715	106.78	-1.8232E-12	-51.921E-6	1.0384E-9
1	Grid	117.98424	91.71058	106.80000	-9.96806	106.78	-1.7273E-12	-50.277E-6	1.0055E-9
1	Grid	119.97942	91.71058	106.80000	-5.26910	106.78	-1.6380E-12	-48.694E-6	973.88E-12
1	Grid	121.97460	91.71058	106.80000	-3.63259	106.78	-1.5554E-12	-47.169E-6	943.37E-12
1	Grid	123.96978	91.71058	106.80000	-2.74940	106.78	-1.4735E-12	-45.699E-6	913.98E-12
1	Grid	125.96496	91.71058	106.80000	-2.15470	106.78	-1.3982E-12	-44.283E-6	885.60E-12
1	Grid	127.96014	91.71058	106.80000	-1.72595	106.78	-1.3256E-12	-42.919E-6	858.38E-12
1	Grid	129.95532	91.71058	106.80000	-1.40569	106.78	-1.2583E-12	-41.605E-6	832.09E-12
1	Grid	131.95050	91.71058	106.80000	-1.15978	106.78	-1.1957E-12	-40.338E-6	806.76E-12
1	Grid	133.94568	91.71058	106.80000	-0.96650	106.78	-1.1358E-12	-39.117E-6	782.34E-12
1	Grid	135.94086	91.71058	106.80000	-0.71615	106.78	-1.0791E-12	-37.940E-6	758.81E-12
1	Grid	137.93604	91.71058	106.80000	-0.68558	106.78	-1.0252E-12	-36.806E-6	736.12E-12
1	Grid	139.93122	91.71058	106.80000	-0.58168	106.78	0.0		



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	-73.55302	93.58532	106.80000	0.02544	106.78	-7.7471E-12	-122.34E-6	2.4468E-9
1	Grid	-71.55784	93.58532	106.80000	0.02532	106.78	-8.1775E-12	-126.32E-6	2.5264E-9
1	Grid	-69.56266	93.58532	106.80000	0.02517	106.78	-8.6284E-12	-130.40E-6	2.6079E-9
1	Grid	-67.56748	93.58532	106.80000	0.02498	106.78	-9.0974E-12	-134.56E-6	2.6912E-9
1	Grid	-65.57230	93.58532	106.80000	0.02475	106.78	-9.5870E-12	-138.81E-6	2.7762E-9
1	Grid	-63.57712	93.58532	106.80000	0.02447	106.78	-10.097E-12	-143.14E-6	2.8627E-9
1	Grid	-61.58194	93.58532	106.80000	0.02416	106.78	-10.629E-12	-147.53E-6	2.9507E-9
1	Grid	-59.58676	93.58532	106.80000	0.02380	106.78	-11.176E-12	-151.99E-6	3.0399E-9
1	Grid	-57.59158	93.58532	106.80000	0.02340	106.78	-11.743E-12	-156.51E-6	3.1302E-9
1	Grid	-55.59640	93.58532	106.80000	0.02294	106.78	-12.325E-12	-161.07E-6	3.2214E-9
1	Grid	-53.60122	93.58532	106.80000	0.02244	106.78	-12.924E-12	-165.66E-6	3.3132E-9
1	Grid	-51.60604	93.58532	106.80000	0.02189	106.78	-13.538E-12	-170.28E-6	3.4055E-9
1	Grid	-49.61086	93.58532	106.80000	0.02129	106.78	-14.163E-12	-174.90E-6	3.4980E-9
1	Grid	-47.61568	93.58532	106.80000	0.02063	106.78	-14.797E-12	-179.52E-6	3.5903E-9
1	Grid	-45.62050	93.58532	106.80000	0.01992	106.78	-15.443E-12	-184.11E-6	3.6822E-9
1	Grid	-43.62532	93.58532	106.80000	0.01915	106.78	-16.095E-12	-188.66E-6	3.7732E-9
1	Grid	-41.63014	93.58532	106.80000	0.01832	106.78	-16.748E-12	-193.16E-6	3.8631E-9
1	Grid	-39.63496	93.58532	106.80000	0.01742	106.78	-17.397E-12	-197.58E-6	3.9515E-9
1	Grid	-37.63978	93.58532	106.80000	0.01646	106.78	-18.044E-12	-201.90E-6	4.0380E-9
1	Grid	-35.64460	93.58532	106.80000	0.01542	106.78	-18.683E-12	-206.11E-6	4.1221E-9
1	Grid	-33.64942	93.58532	106.80000	0.01431	106.78	-19.309E-12	-210.17E-6	4.2035E-9
1	Grid	-31.65424	93.58532	106.80000	0.01312	106.78	-19.917E-12	-214.08E-6	4.2817E-9
1	Grid	-29.65906	93.58532	106.80000	0.01183	106.78	-20.501E-12	-217.81E-6	4.3562E-9
1	Grid	-27.66388	93.58532	106.80000	0.01045	106.78	-21.065E-12	-221.34E-6	4.4268E-9
1	Grid	-25.66871	93.58532	106.80000	0.00896	106.78	-21.596E-12	-224.64E-6	4.4929E-9
1	Grid	-23.67353	93.58532	106.80000	0.00734	106.78	-22.092E-12	-227.71E-6	4.5541E-9
1	Grid	-21.67835	93.58532	106.80000	0.00558	106.78	-22.550E-12	-230.51E-6	4.6101E-9
1	Grid	-19.68317	93.58532	106.80000	0.00367	106.78	-22.966E-12	-233.03E-6	4.6605E-9
1	Grid	-17.68799	93.58532	106.80000	0.00159	106.78	-23.335E-12	-235.25E-6	4.7050E-9
1	Grid	-15.69281	93.58532	106.80000	-0.00070	106.78	-23.652E-12	-237.16E-6	4.7431E-9
1	Grid	-13.69763	93.58532	106.80000	-0.00236	106.78	-23.918E-12	-238.74E-6	4.7748E-9
1	Grid	-11.70245	93.58532	106.80000	-0.00599	106.78	-24.127E-12	-239.99E-6	4.7998E-9
1	Grid	-9.70727	93.58532	106.80000	-0.00908	106.78	-24.275E-12	-240.89E-6	4.8178E-9
1	Grid	-7.71209	93.58532	106.80000	-0.01250	106.78	-24.368E-12	-241.44E-6	4.8288E-9
1	Grid	-5.71691	93.58532	106.80000	-0.01633	106.78	-24.396E-12	-241.63E-6	4.8327E-9
1	Grid	-3.72173	93.58532	106.80000	-0.02061	106.78	-24.365E-12	-241.47E-6	4.8294E-9
1	Grid	-1.72655	93.58532	106.80000	-0.02542	106.78	-24.275E-12	-240.95E-6	4.8190E-9
1	Grid	0.26863	93.58532	106.80000	-0.03084	106.78	-24.124E-12	-240.08E-6	4.8016E-9
1	Grid	2.26381	93.58532	106.80000	-0.03695	106.78	-23.917E-12	-238.86E-6	4.7773E-9
1	Grid	4.25899	93.58532	106.80000	-0.04386	106.78	-23.650E-12	-237.31E-6	4.7462E-9
1	Grid	6.25417	93.58532	106.80000	-0.05169	106.78	-23.335E-12	-235.43E-6	4.7086E-9
1	Grid	8.24935	93.58532	106.80000	-0.06056	106.78	-22.968E-12	-233.24E-6	4.6648E-9
1	Grid	10.24453	93.58532	106.80000	-0.07065	106.78	-22.549E-12	-230.75E-6	4.6150E-9
1	Grid	12.23971	93.58532	106.80000	-0.08213	106.78	-22.093E-12	-227.98E-6	4.5596E-9
1	Grid	14.23489	93.58532	106.80000	-0.09521	106.78	-21.598E-12	-224.95E-6	4.4989E-9
1	Grid	16.23007	93.58532	106.80000	-0.10984	106.78	-21.067E-12	-221.67E-6	4.4344E-9
1	Grid	18.22525	93.58532	106.80000	-0.12712	106.78	-20.506E-12	-218.17E-6	4.3634E-9
1	Grid	20.22043	93.58532	106.80000	-0.14655	106.78	-19.920E-12	-214.47E-6	4.2894E-9
1	Grid	22.21561	93.58532	106.80000	-0.16877	106.78	-19.315E-12	-210.59E-6	4.2117E-9
1	Grid	24.21079	93.58532	106.80000	-0.19421	106.78	-18.688E-12	-206.55E-6	4.1309E-9
1	Grid	26.20597	93.58532	106.80000	-0.22336	106.78	-18.058E-12	-202.26E-6	4.0473E-9
1	Grid	28.20115	93.58532	106.80000	-0.25680	106.78	-17.410E-12	-198.07E-6	3.9613E-9
1	Grid	30.19633	93.58532	106.80000	-0.29521	106.78	-16.761E-12	-193.67E-6	3.8734E-9
1	Grid	32.19151	93.58532	106.80000	-0.33939	106.78	-16.112E-12	-189.20E-6	3.7839E-9
1	Grid	34.18669	93.58532	106.80000	-0.39028	106.78	-15.464E-12	-184.66E-6	3.6933E-9
1	Grid	36.18187	93.58532	106.80000	-0.44892	106.78	-14.821E-12	-180.09E-6	3.6018E-9
1	Grid	38.17705	93.58532	106.80000	-0.51683	106.78	-14.187E-12	-175.49E-6	3.5099E-9
1	Grid	40.17223	93.58532	106.80000	-0.59534	106.78	-13.564E-12	-170.89E-6	3.4177E-9
1	Grid	42.16741	93.58532	106.80000	-0.68638	106.78	-12.953E-12	-166.29E-6	3.3257E-9
1	Grid	44.16259	93.58532	106.80000	-0.79210	106.78	-12.354E-12	-161.71E-6	3.2341E-9
1	Grid	46.15777	93.58532	106.80000	-0.91511	106.78	-11.773E-12	-157.16E-6	3.1422E-9
1	Grid	48.15295	93.58532	106.80000	-1.05848	106.78	-11.208E-12	-152.65E-6	3.0511E-9
1	Grid	50.14813	93.58532	106.80000	-1.22596	106.78	-10.660E-12	-148.20E-6	2.9640E-9
1	Grid	52.14331	93.58532	106.80000	-1.42216	106.78	-10.133E-12	-143.81E-6	2.8762E-9
1	Grid	54.13849	93.58532	106.80000	-1.65299	106.78	-9.6250E-12	-139.49E-6	2.7898E-9
1	Grid	56.13367	93.58532	106.80000	-1.92438	106.78	-9.1344E-12	-135.25E-6	2.7050E-9
1	Grid	58.12885	93.58532	106.80000	-2.25365	106.78	-8.6651E-12	-131.09E-6	2.6217E-9
1	Grid	60.12403	93.58532	106.80000	-2.65227	106.78	-8.2154E-12	-127.01E-6	2.5402E-9
1	Grid	62.11921	93.58532	106.80000	-3.15223	106.78	-7.7878E-12	-123.03E-6	2.4606E-9
1	Grid	64.11439	93.58532	106.80000	-3.81364	106.78	-7.3768E-12	-119.14E-6	2.3828E-9
1	Grid	66.10957	93.58532	106.80000	-4.54942	106.78	-6.9811E-12	-115.35E-6	2.3069E-9
1	Grid	68.10475	93.58532	106.80000	-5.47823	106.78	-6.6114E-12	-111.65E-6	2.2331E-9
1	Grid	70.09993	93.58532	106.80000	-6.61268	106.78	-6.2550E-12	-108.06E-6	2.1612E-9
1	Grid	72.09511	93.58532	106.80000	-7.95493	106.78	-5.9173E-12	-104.57E-6	2.0913E-9
1	Grid	74.09029	93.58532	106.80000	-9.50358	106.78	-5.5995E-12	-101.17E-6	2.0235E-9
1	Grid	76.08547	93.58532	106.80000	-11.26927	106.78	-5.2951E-12	-97.882E-6	1.9576E-9
1	Grid	78.08065	93.58532	106.80000	-14.25956	106.78	-5.0060E-12	-94.690E-6	1.8938E-9
1	Grid	80.07583	93.58532	106.80000	-17.47333	106.78	-4.7362E-12	-91.598E-6	1.8320E-9
1	Grid	82.07101	93.58532	106.80000	-21.91707	106.78	-4.4784E-12	-88.603E-6	1.7721E-9
1	Grid	84.06619	93.58532	106.80000	-27.60040	106.78	-4.2326E-12	-85.705E-6	1.7141E-9
1	Grid	86.06137	93.58532	106.80000	-34.54668	106.78	-4.0041E-12	-82.901E-6	1.6580E-9
1	Grid	88.05655	93.58532	106.80000	-42.78852	106.78	-3.7870E-12	-80.191E-6	1.6038E-9
1	Grid	90.05173	93.58532	106.80000	-52.35533	106.78	-3.5785E-12	-77.572E-6	1.5514E-9
1	Grid	92.04691	93.58532	106.80000	-63.28162	106.78	-3.3873E-12	-75.041E-6	1.5008E-9
1	Grid	94.04209	93.58532	106.80000	-75.60317	106.78	-3.2014E-12	-72.597E-6	1.4519E-9
1	Grid	96.03727	93.58532	106.80000	-89.37492	106.78	-3.0316E-12	-70.236E-6	1.4046E-9
1	Grid	98.03245	93.58532	106.80000	-104.66174	106.78	-2.8644E-12	-67.961E-6	1.3592E-9
1	Grid	100.02763	93.58532	106.80000	-122.52729	106.78	-2.7125E-12	-65.764E-6	1.3153E-9
1	Grid	102.02281	93.58532	106.80000	-142.98865	106.78	-2.5673E-12	-63.644E-6	1.2729E-9
1	Grid	104.01799	93.58532	106.80000	-166.16861	106.78	-2.4301E-12	-61.599E-6	1.2320E-9
1	Grid	106.01317	93.58532	106.80000	-192.14425	106.78	-2.3002E-12	-59.627E-6	1.1925E-9
1	Grid	108.00835	93.58532	106.80000	-221.04349	106.78	-2.1796E-12	-57.725E-6	1.1545E-9
1	Grid	110.00353	93.58532	106.80000	-251.98146	106.78	-2.0637E-12	-55.891E-6	1.1178E-9
1	Grid	111.99871	93.58532	106.80000	-295.07057	106.78	-1.9538E-12	-54.123E-6	1.0825E-9
1	Grid	113.99389	93.58532	106.80000	-349.32393	106.78	-1.8505E-12	-52.419E-6	1.0484E-9
1	Grid	115.98906	93.58532	106.80000	-414.75612	106.78	-1.7566E-12	-50.775E-6	1.0155E-9
1	Grid	117.98424	93.58532	106.80000	-492.38023	106.78	-1.6676E-12	-49.191E-6	983.81E-12
1	Grid	119.97942	93.58532	106.80000	-582.21412	106.78	-1.5814E-12		



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
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Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	-93.50482	95.46007	106.80000	0.02502	106.78	-4.2086E-12	-85.174E-6	1.7035E-9
1	Grid	-91.50964	95.46007	106.80000	0.02520	106.78	-4.4451E-12	-88.002E-6	1.7600E-9
1	Grid	-89.51446	95.46007	106.80000	0.02535	106.78	-4.6976E-12	-90.918E-6	1.8184E-9
1	Grid	-87.51928	95.46007	106.80000	0.02549	106.78	-4.9620E-12	-93.926E-6	1.8785E-9
1	Grid	-85.52410	95.46007	106.80000	0.02561	106.78	-5.2405E-12	-97.025E-6	1.9405E-9
1	Grid	-83.52892	95.46007	106.80000	0.02570	106.78	-5.5329E-12	-100.22E-6	2.0043E-9
1	Grid	-81.53374	95.46007	106.80000	0.02577	106.78	-5.8427E-12	-103.50E-6	2.0699E-9
1	Grid	-79.53856	95.46007	106.80000	0.02582	106.78	-6.1664E-12	-106.87E-6	2.1374E-9
1	Grid	-77.54338	95.46007	106.80000	0.02584	106.78	-6.5081E-12	-110.33E-6	2.2067E-9
1	Grid	-75.54820	95.46007	106.80000	0.02583	106.78	-6.8658E-12	-113.88E-6	2.2777E-9
1	Grid	-73.55302	95.46007	106.80000	0.02580	106.78	-7.2402E-12	-117.52E-6	2.3505E-9
1	Grid	-71.55784	95.46007	106.80000	0.02573	106.78	-7.6299E-12	-121.25E-6	2.4249E-9
1	Grid	-69.56266	95.46007	106.80000	0.02563	106.78	-8.0382E-12	-125.05E-6	2.5010E-9
1	Grid	-67.56748	95.46007	106.80000	0.02549	106.78	-8.4646E-12	-128.93E-6	2.5786E-9
1	Grid	-65.57230	95.46007	106.80000	0.02532	106.78	-8.9075E-12	-132.88E-6	2.6576E-9
1	Grid	-63.57712	95.46007	106.80000	0.02502	106.78	-9.3638E-12	-136.90E-6	2.7380E-9
1	Grid	-61.58194	95.46007	106.80000	0.02487	106.78	-9.8421E-12	-140.98E-6	2.8196E-9
1	Grid	-59.58676	95.46007	106.80000	0.02458	106.78	-10.334E-12	-145.11E-6	2.9022E-9
1	Grid	-57.59158	95.46007	106.80000	0.02425	106.78	-10.838E-12	-149.29E-6	2.9857E-9
1	Grid	-55.59640	95.46007	106.80000	0.02388	106.78	-11.360E-12	-153.50E-6	3.0699E-9
1	Grid	-53.60122	95.46007	106.80000	0.02342	106.78	-11.896E-12	-157.73E-6	3.1547E-9
1	Grid	-51.60604	95.46007	106.80000	0.02300	106.78	-12.440E-12	-161.98E-6	3.2396E-9
1	Grid	-49.61086	95.46007	106.80000	0.02249	106.78	-12.998E-12	-166.23E-6	3.3246E-9
1	Grid	-47.61568	95.46007	106.80000	0.02193	106.78	-13.560E-12	-170.47E-6	3.4094E-9
1	Grid	-45.62050	95.46007	106.80000	0.02131	106.78	-14.129E-12	-174.68E-6	3.4936E-9
1	Grid	-43.62532	95.46007	106.80000	0.02064	106.78	-14.704E-12	-178.85E-6	3.5770E-9
1	Grid	-41.63014	95.46007	106.80000	0.01991	106.78	-15.276E-12	-182.96E-6	3.6592E-9
1	Grid	-39.63496	95.46007	106.80000	0.01912	106.78	-15.849E-12	-186.99E-6	3.7399E-9
1	Grid	-37.63978	95.46007	106.80000	0.01827	106.78	-16.416E-12	-190.93E-6	3.8187E-9
1	Grid	-35.64460	95.46007	106.80000	0.01734	106.78	-16.975E-12	-194.76E-6	3.8953E-9
1	Grid	-33.64942	95.46007	106.80000	0.01634	106.78	-17.521E-12	-198.46E-6	3.9693E-9
1	Grid	-31.65424	95.46007	106.80000	0.01525	106.78	-18.052E-12	-202.02E-6	4.0403E-9
1	Grid	-29.65906	95.46007	106.80000	0.01408	106.78	-18.563E-12	-205.40E-6	4.1080E-9
1	Grid	-27.66388	95.46007	106.80000	0.01281	106.78	-19.051E-12	-208.60E-6	4.1720E-9
1	Grid	-25.66871	95.46007	106.80000	0.01142	106.78	-19.514E-12	-211.59E-6	4.2318E-9
1	Grid	-23.67353	95.46007	106.80000	0.00992	106.78	-19.945E-12	-214.36E-6	4.2873E-9
1	Grid	-21.67835	95.46007	106.80000	0.00827	106.78	-20.342E-12	-216.89E-6	4.3379E-9
1	Grid	-19.68317	95.46007	106.80000	0.00647	106.78	-20.705E-12	-219.17E-6	4.3834E-9
1	Grid	-17.68799	95.46007	106.80000	0.00449	106.78	-21.020E-12	-221.18E-6	4.4236E-9
1	Grid	-15.69281	95.46007	106.80000	0.00232	106.78	-21.295E-12	-222.90E-6	4.4580E-9
1	Grid	-13.69763	95.46007	106.80000	-0.00009	106.78	-21.523E-12	-224.33E-6	4.4866E-9
1	Grid	-11.70245	95.46007	106.80000	-0.00276	106.78	-21.704E-12	-225.46E-6	4.5091E-9
1	Grid	-9.70727	95.46007	106.80000	-0.00573	106.78	-21.833E-12	-226.27E-6	4.5254E-9
1	Grid	-7.71209	95.46007	106.80000	-0.00904	106.78	-21.912E-12	-226.77E-6	4.5353E-9
1	Grid	-5.71691	95.46007	106.80000	-0.01275	106.78	-21.938E-12	-226.94E-6	4.5388E-9
1	Grid	-3.72173	95.46007	106.80000	-0.01688	106.78	-21.912E-12	-226.91E-6	4.5353E-9
1	Grid	-1.72655	95.46007	106.80000	-0.02158	106.78	-21.833E-12	-226.33E-6	4.5266E-9
1	Grid	0.26863	95.46007	106.80000	-0.02684	106.78	-21.704E-12	-225.54E-6	4.5109E-9
1	Grid	2.26381	95.46007	106.80000	-0.03278	106.78	-21.522E-12	-224.45E-6	4.4889E-9
1	Grid	4.25899	95.46007	106.80000	-0.03950	106.78	-21.293E-12	-223.05E-6	4.4609E-9
1	Grid	6.25417	95.46007	106.80000	-0.04684	106.78	-21.021E-12	-221.35E-6	4.4270E-9
1	Grid	8.24935	95.46007	106.80000	-0.05574	106.78	-20.701E-12	-219.37E-6	4.3875E-9
1	Grid	10.24453	95.46007	106.80000	-0.06553	106.78	-20.346E-12	-217.12E-6	4.3425E-9
1	Grid	12.23971	95.46007	106.80000	-0.07666	106.78	-19.947E-12	-214.62E-6	4.2924E-9
1	Grid	14.23489	95.46007	106.80000	-0.08932	106.78	-19.517E-12	-211.88E-6	4.2375E-9
1	Grid	16.23007	95.46007	106.80000	-0.10372	106.78	-19.052E-12	-208.91E-6	4.1782E-9
1	Grid	18.22525	95.46007	106.80000	-0.12015	106.78	-18.570E-12	-205.74E-6	4.1148E-9
1	Grid	20.22043	95.46007	106.80000	-0.13887	106.78	-18.060E-12	-202.38E-6	4.0476E-9
1	Grid	22.21561	95.46007	106.80000	-0.16022	106.78	-17.529E-12	-198.86E-6	3.9771E-9
1	Grid	24.21079	95.46007	106.80000	-0.18461	106.78	-16.985E-12	-195.18E-6	3.9036E-9
1	Grid	26.20597	95.46007	106.80000	-0.21248	106.78	-16.428E-12	-191.37E-6	3.8275E-9
1	Grid	28.20115	95.46007	106.80000	-0.24437	106.78	-15.861E-12	-187.45E-6	3.7491E-9
1	Grid	30.19633	95.46007	106.80000	-0.28087	106.78	-15.290E-12	-183.44E-6	3.6688E-9
1	Grid	32.19151	95.46007	106.80000	-0.32271	106.78	-14.719E-12	-179.35E-6	3.5871E-9
1	Grid	34.18669	95.46007	106.80000	-0.37071	106.78	-14.149E-12	-175.20E-6	3.5041E-9
1	Grid	36.18187	95.46007	106.80000	-0.42581	106.78	-13.581E-12	-171.01E-6	3.4202E-9
1	Grid	38.17705	95.46007	106.80000	-0.48922	106.78	-13.019E-12	-166.79E-6	3.3358E-9
1	Grid	40.17223	95.46007	106.80000	-0.56217	106.78	-12.465E-12	-162.56E-6	3.2511E-9
1	Grid	42.16741	95.46007	106.80000	-0.64625	106.78	-11.918E-12	-158.32E-6	3.1664E-9
1	Grid	44.16259	95.46007	106.80000	-0.74324	106.78	-11.390E-12	-154.10E-6	3.0820E-9
1	Grid	46.15777	95.46007	106.80000	-0.85527	106.78	-10.869E-12	-149.90E-6	2.9980E-9
1	Grid	48.15295	95.46007	106.80000	-0.98484	106.78	-10.364E-12	-145.73E-6	2.9147E-9
1	Grid	50.14813	95.46007	106.80000	-1.13494	106.78	-9.8748E-12	-141.61E-6	2.8322E-9
1	Grid	52.14331	95.46007	106.80000	-1.30923	106.78	-9.3991E-12	-137.54E-6	2.7507E-9
1	Grid	54.13849	95.46007	106.80000	-1.51227	106.78	-8.9422E-12	-133.52E-6	2.6705E-9
1	Grid	56.13367	95.46007	106.80000	-1.75058	106.78	-8.4985E-12	-129.55E-6	2.5915E-9
1	Grid	58.12885	95.46007	106.80000	-2.03088	106.78	-8.0735E-12	-125.70E-6	2.5140E-9
1	Grid	60.12403	95.46007	106.80000	-2.36664	106.78	-7.6659E-12	-121.90E-6	2.4379E-9
1	Grid	62.11921	95.46007	106.80000	-2.77625	106.78	-7.2748E-12	-118.17E-6	2.3635E-9
1	Grid	64.11439	95.46007	106.80000	-3.29272	106.78	-6.9018E-12	-114.54E-6	2.2907E-9
1	Grid	66.10957	95.46007	106.80000	-3.98439	106.78	-6.5428E-12	-110.98E-6	2.2196E-9
1	Grid	68.10475	95.46007	106.80000	-5.04153	106.78	-6.2024E-12	-107.52E-6	2.1503E-9
1	Grid	70.09993	95.46007	106.80000	-7.62706	106.78	-5.8786E-12	-104.14E-6	2.0828E-9
1	Grid	72.09511	95.46007	106.80000	-11.56867	106.78	-5.5695E-12	-100.85E-6	2.0171E-9
1	Grid	74.09029	95.46007	106.80000	-12.71654	106.78	-5.2771E-12	-97.657E-6	1.9531E-9
1	Grid	76.08547	95.46007	106.80000	-13.42530	106.78	-4.9940E-12	-94.51E-6	1.8910E-9
1	Grid	78.08065	95.46007	106.80000	-13.93079	106.78	-4.7309E-12	-91.537E-6	1.8307E-9
1	Grid	80.07583	95.46007	106.80000	-14.31159	106.78	-4.4797E-12	-88.612E-6	1.7722E-9
1	Grid	82.07101	95.46007	106.80000	-14.60410	106.78	-4.2413E-12	-85.777E-6	1.7155E-9
1	Grid	84.06619	95.46007	106.80000	-14.82844	106.78	-4.0155E-12	-83.029E-6	1.6606E-9
1	Grid	86.06137	95.46007	106.80000	-15.09849	106.78	-3.7976E-12	-80.369E-6	1.6074E-9
1	Grid	88.05655	95.46007	106.80000	-15.11721	106.78	-3.5985E-12	-77.794E-6	1.5559E-9
1	Grid	90.05173	95.46007	106.80000	-15.19480	106.78	-3.4073E-12	-75.302E-6	1.5060E-9
1	Grid	92.04691	95.46007	106.80000	-15.23304	106.78	-3.2248E-12	-72.892E-6	1.4578E-9
1	Grid	94.04209	95.46007	106.80000	-15.23405	106.78	-3.0529E-12	-70.563E-6	1.4113E-9
1	Grid	96.03727	95.46007	106.80000	-15.19195	106.78	-2.8924E-12	-68.312E-6	1.3662E-9
1	Grid	98.03245	95.46007	106.80000	-15.12796	106.78	-2.7378E-12	-66.137E-6	1.3227E-9
1	Grid	100.02763	95.46007	106.80000	-15.02049	106.78	-2.5926E-12	-64.036E-6	1.2807E-9



Highgate Junior School Sports Hall

Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	165.96856	95.46007	106.80000	-0.06895	106.78	0.0	-23.889E-6	477.78E-12
1	Grid	167.86374	95.46007	106.80000	-0.05665	106.78	0.0	-23.253E-6	465.05E-12
1	Grid	169.85892	95.46007	106.80000	-0.04592	106.78	0.0	-22.637E-6	452.74E-12
1	Grid	171.85410	95.46007	106.80000	-0.03656	106.78	0.0	-22.042E-6	440.83E-12
1	Grid	173.84928	95.46007	106.80000	-0.02839	106.78	0.0	-21.465E-6	429.31E-12
1	Grid	175.84446	95.46007	106.80000	-0.02126	106.78	0.0	-20.908E-6	418.16E-12
1	Grid	177.83964	95.46007	106.80000	-0.01505	106.78	0.0	-20.368E-6	407.37E-12
1	Grid	179.83482	95.46007	106.80000	-0.00962	106.78	0.0	-19.846E-6	396.92E-12
1	Grid	181.83000	95.46007	106.80000	-0.00490	106.78	0.0	-19.340E-6	386.81E-12
1	Grid	-95.50000	97.33482	106.80000	0.02482	106.78	-3.7736E-12	-79.875E-6	1.5975E-9
1	Grid	-93.53892	97.33482	106.80000	0.02503	106.78	-3.9848E-12	-82.472E-6	1.6494E-9
1	Grid	-91.50964	97.33482	106.80000	0.02522	106.78	-4.2066E-12	-85.149E-6	1.7030E-9
1	Grid	-89.51446	97.33482	106.80000	0.02540	106.78	-4.4365E-12	-87.908E-6	1.7582E-9
1	Grid	-87.51928	97.33482	106.80000	0.02556	106.78	-4.6836E-12	-90.750E-6	1.8150E-9
1	Grid	-85.52410	97.33482	106.80000	0.02570	106.78	-4.9400E-12	-93.674E-6	1.8735E-9
1	Grid	-83.52928	97.33482	106.80000	0.02583	106.78	-5.2098E-12	-96.680E-6	1.9336E-9
1	Grid	-81.53374	97.33482	106.80000	0.02593	106.78	-5.4929E-12	-99.769E-6	1.9954E-9
1	Grid	-79.53856	97.33482	106.80000	0.02601	106.78	-5.7920E-12	-102.94E-6	2.0588E-9
1	Grid	-77.54338	97.33482	106.80000	0.02606	106.78	-6.1025E-12	-106.19E-6	2.1238E-9
1	Grid	-75.54820	97.33482	106.80000	0.02609	106.78	-6.4275E-12	-109.52E-6	2.1904E-9
1	Grid	-73.55302	97.33482	106.80000	0.02617	106.78	-6.7713E-12	-112.93E-6	2.2585E-9
1	Grid	-71.55784	97.33482	106.80000	0.02607	106.78	-7.1236E-12	-116.41E-6	2.3281E-9
1	Grid	-69.56266	97.33482	106.80000	0.02602	106.78	-7.4940E-12	-119.96E-6	2.3991E-9
1	Grid	-67.56748	97.33482	106.80000	0.02594	106.78	-7.8810E-12	-123.57E-6	2.4715E-9
1	Grid	-65.57230	97.33482	106.80000	0.02582	106.78	-8.2794E-12	-127.25E-6	2.5451E-9
1	Grid	-63.57712	97.33482	106.80000	0.02567	106.78	-8.6944E-12	-130.99E-6	2.6198E-9
1	Grid	-61.58194	97.33482	106.80000	0.02549	106.78	-9.1214E-12	-134.78E-6	2.6955E-9
1	Grid	-59.58676	97.33482	106.80000	0.02526	106.78	-9.5637E-12	-138.61E-6	2.7721E-9
1	Grid	-57.59158	97.33482	106.80000	0.02500	106.78	-10.016E-12	-142.47E-6	2.8494E-9
1	Grid	-55.59640	97.33482	106.80000	0.02470	106.78	-10.483E-12	-146.36E-6	2.9273E-9
1	Grid	-53.60122	97.33482	106.80000	0.02438	106.78	-10.959E-12	-150.27E-6	3.0055E-9
1	Grid	-51.60604	97.33482	106.80000	0.02398	106.78	-11.446E-12	-154.19E-6	3.0838E-9
1	Grid	-49.61086	97.33482	106.80000	0.02355	106.78	-11.938E-12	-158.10E-6	3.1620E-9
1	Grid	-47.61568	97.33482	106.80000	0.02307	106.78	-12.441E-12	-162.00E-6	3.2399E-9
1	Grid	-45.62050	97.33482	106.80000	0.02254	106.78	-12.944E-12	-165.86E-6	3.3172E-9
1	Grid	-43.62532	97.33482	106.80000	0.02197	106.78	-13.449E-12	-169.68E-6	3.3937E-9
1	Grid	-41.63014	97.33482	106.80000	0.02132	106.78	-13.956E-12	-173.45E-6	3.4689E-9
1	Grid	-39.63496	97.33482	106.80000	0.02062	106.78	-14.460E-12	-177.13E-6	3.5427E-9
1	Grid	-37.63978	97.33482	106.80000	0.01986	106.78	-14.957E-12	-180.73E-6	3.6147E-9
1	Grid	-35.64460	97.33482	106.80000	0.01903	106.78	-15.450E-12	-184.23E-6	3.6845E-9
1	Grid	-33.64942	97.33482	106.80000	0.01813	106.78	-15.929E-12	-187.60E-6	3.7519E-9
1	Grid	-31.65424	97.33482	106.80000	0.01715	106.78	-16.393E-12	-190.83E-6	3.8166E-9
1	Grid	-29.65906	97.33482	106.80000	0.01607	106.78	-16.839E-12	-193.91E-6	3.8781E-9
1	Grid	-27.66388	97.33482	106.80000	0.01490	106.78	-17.266E-12	-196.81E-6	3.9362E-9
1	Grid	-25.66871	97.33482	106.80000	0.01362	106.78	-17.667E-12	-199.53E-6	3.9905E-9
1	Grid	-23.67353	97.33482	106.80000	0.01229	106.78	-18.043E-12	-202.09E-6	4.0408E-9
1	Grid	-21.67835	97.33482	106.80000	0.01067	106.78	-18.389E-12	-204.33E-6	4.0867E-9
1	Grid	-19.68317	97.33482	106.80000	0.00897	106.78	-18.699E-12	-206.39E-6	4.1279E-9
1	Grid	-17.68799	97.33482	106.80000	0.00710	106.78	-18.975E-12	-208.21E-6	4.1642E-9
1	Grid	-15.69281	97.33482	106.80000	0.00502	106.78	-19.214E-12	-209.77E-6	4.1954E-9
1	Grid	-13.69763	97.33482	106.80000	0.00272	106.78	-19.410E-12	-211.06E-6	4.2212E-9
1	Grid	-11.70245	97.33482	106.80000	0.00016	106.78	-19.570E-12	-212.08E-6	4.2416E-9
1	Grid	-9.70727	97.33482	106.80000	-0.00270	106.78	-19.683E-12	-212.81E-6	4.2563E-9
1	Grid	-7.71209	97.33482	106.80000	-0.00589	106.78	-19.749E-12	-213.26E-6	4.2653E-9
1	Grid	-5.71691	97.33482	106.80000	-0.00947	106.78	-19.771E-12	-213.42E-6	4.2684E-9
1	Grid	-3.72173	97.33482	106.80000	-0.01350	106.78	-19.748E-12	-213.39E-6	4.2658E-9
1	Grid	-1.72655	97.33482	106.80000	-0.01802	106.78	-19.681E-12	-212.87E-6	4.2574E-9
1	Grid	0.26863	97.33482	106.80000	-0.02313	106.78	-19.571E-12	-212.16E-6	4.2432E-9
1	Grid	2.26381	97.33482	106.80000	-0.02889	106.78	-19.414E-12	-211.17E-6	4.2234E-9
1	Grid	4.25899	97.33482	106.80000	-0.03541	106.78	-19.215E-12	-209.91E-6	4.1981E-9
1	Grid	6.25417	97.33482	106.80000	-0.04286	106.78	-18.978E-12	-208.37E-6	4.1675E-9
1	Grid	8.24935	97.33482	106.80000	-0.05114	106.78	-18.701E-12	-206.59E-6	4.1317E-9
1	Grid	10.24453	97.33482	106.80000	-0.06061	106.78	-18.393E-12	-204.55E-6	4.0910E-9
1	Grid	12.23971	97.33482	106.80000	-0.07137	106.78	-18.046E-12	-202.28E-6	4.0457E-9
1	Grid	14.23489	97.33482	106.80000	-0.08358	106.78	-17.672E-12	-199.80E-6	3.9959E-9
1	Grid	16.23007	97.33482	106.80000	-0.09746	106.78	-17.271E-12	-197.11E-6	3.9421E-9
1	Grid	18.22525	97.33482	106.80000	-0.11325	106.78	-16.847E-12	-194.23E-6	3.8845E-9
1	Grid	20.22043	97.33482	106.80000	-0.13122	106.78	-16.401E-12	-191.18E-6	3.8235E-9
1	Grid	22.21561	97.33482	106.80000	-0.15167	106.78	-15.937E-12	-187.97E-6	3.7593E-9
1	Grid	24.21079	97.33482	106.80000	-0.17497	106.78	-15.459E-12	-184.62E-6	3.6924E-9
1	Grid	26.20597	97.33482	106.80000	-0.20183	106.78	-14.971E-12	-181.15E-6	3.6229E-9
1	Grid	28.20115	97.33482	106.80000	-0.23183	106.78	-14.473E-12	-177.57E-6	3.5514E-9
1	Grid	30.19633	97.33482	106.80000	-0.26641	106.78	-13.971E-12	-173.90E-6	3.4780E-9
1	Grid	32.19151	97.33482	106.80000	-0.30589	106.78	-13.469E-12	-170.16E-6	3.4032E-9
1	Grid	34.18669	97.33482	106.80000	-0.35103	106.78	-12.964E-12	-166.36E-6	3.3271E-9
1	Grid	36.18187	97.33482	106.80000	-0.40264	106.78	-12.460E-12	-162.51E-6	3.2502E-9
1	Grid	38.17705	97.33482	106.80000	-0.46172	106.78	-11.962E-12	-158.63E-6	3.1726E-9
1	Grid	40.17223	97.33482	106.80000	-0.52937	106.78	-11.469E-12	-154.73E-6	3.0946E-9
1	Grid	42.16741	97.33482	106.80000	-0.60691	106.78	-10.985E-12	-150.83E-6	3.0166E-9
1	Grid	44.16259	97.33482	106.80000	-0.69584	106.78	-10.510E-12	-146.93E-6	2.9386E-9
1	Grid	46.15777	97.33482	106.80000	-0.79792	106.78	-10.044E-12	-143.03E-6	2.8610E-9
1	Grid	48.15295	97.33482	106.80000	-0.91518	106.78	-9.5923E-12	-139.19E-6	2.7839E-9
1	Grid	50.14813	97.33482	106.80000	-1.05007	106.78	-9.1507E-12	-135.37E-6	2.7074E-9
1	Grid	52.14331	97.33482	106.80000	-1.20552	106.78	-8.7264E-12	-131.59E-6	2.6318E-9
1	Grid	54.13849	97.33482	106.80000	-1.38515	106.78	-8.3094E-12	-127.86E-6	2.5572E-9
1	Grid	56.13367	97.33482	106.80000	-1.59616	106.78	-7.9117E-12	-124.19E-6	2.4837E-9
1	Grid	58.12885	97.33482	106.80000	-1.83709	106.78	-7.5253E-12	-120.57E-6	2.4114E-9
1	Grid	60.12403	97.33482	106.80000	-2.12422	106.78	-7.1576E-12	-117.02E-6	2.3404E-9
1	Grid	62.11921	97.33482	106.80000	-2.46777	106.78	-6.8012E-12	-113.54E-6	2.2708E-9
1	Grid	64.11439	97.33482	106.80000	-2.88817	106.78	-6.4628E-12	-110.14E-6	2.2027E-9
1	Grid	66.10957	97.33482	106.80000	-3.42192	106.78	-6.1648E-12	-106.80E-6	2.1361E-9
1	Grid	68.10475	97.33482	106.80000	-4.14714	106.78	-5.8227E-12	-103.55E-6	2.0710E-9
1	Grid	70.09993	97.33482	106.80000	-5.29679	106.78	-5.5256E-12	-100.38E-6	2.0075E-9
1	Grid	72.09511	97.33482	106.80000	-9.20057	106.78	-5.2431E-12	-97.284E-6	1.9457E-9
1	Grid	74.09029	97.33482	106.80000	-11.81142	106.78	-4.9720E-12	-94.273E-6	1.8855E-9
1	Grid	76.08547	97.33482	106.80000	-12.85141	106.78	-4.7129E-12	-91.343E-6	1.8269E-9
1	Grid	78.08065	97.33482	106.80000	-13.51222	106.78	-4.4691E-12	-88.495E-6	1.7699E-9
1	Grid	80.07583	97.33482	106.80000	-13.98627	106.78	-4.2373E-12	-85.729E-6	1.7146E-9
1	Grid	82.07101	97.33482	106.80000	-14.34				



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	145.91676	97.33482	106.80000	-0.36146	106.78	0.0	-31.075E-6	621.50E-12
1	Grid	147.91194	97.33482	106.80000	-0.30852	106.78	0.0	-30.203E-6	604.07E-12
1	Grid	149.90712	97.33482	106.80000	-0.26344	106.78	0.0	-29.361E-6	587.23E-12
1	Grid	151.90230	97.33482	106.80000	-0.22487	106.78	0.0	-28.547E-6	570.95E-12
1	Grid	153.89748	97.33482	106.80000	-0.19175	106.78	0.0	-27.761E-6	555.21E-12
1	Grid	155.89266	97.33482	106.80000	-0.16319	106.78	0.0	-27.000E-6	540.01E-12
1	Grid	157.88784	97.33482	106.80000	-0.13852	106.78	0.0	-26.265E-6	525.30E-12
1	Grid	159.88302	97.33482	106.80000	-0.11715	106.78	0.0	-25.554E-6	511.09E-12
1	Grid	161.87820	97.33482	106.80000	-0.09860	106.78	0.0	-24.867E-6	497.34E-12
1	Grid	163.87338	97.33482	106.80000	-0.08248	106.78	0.0	-24.202E-6	484.05E-12
1	Grid	165.86856	97.33482	106.80000	-0.06884	106.78	0.0	-23.559E-6	471.19E-12
1	Grid	167.86374	97.33482	106.80000	-0.05622	106.78	0.0	-22.937E-6	458.74E-12
1	Grid	169.85892	97.33482	106.80000	-0.04555	106.78	0.0	-22.335E-6	446.71E-12
1	Grid	171.85410	97.33482	106.80000	-0.03625	106.78	0.0	-21.753E-6	435.06E-12
1	Grid	173.84928	97.33482	106.80000	-0.02814	106.78	0.0	-21.189E-6	423.78E-12
1	Grid	175.84446	97.33482	106.80000	-0.02106	106.78	0.0	-20.643E-6	412.87E-12
1	Grid	177.83964	97.33482	106.80000	-0.01488	106.78	0.0	-20.115E-6	402.30E-12
1	Grid	179.83482	97.33482	106.80000	-0.00949	106.78	0.0	-19.603E-6	392.07E-12
1	Grid	181.83000	97.33482	106.80000	-0.00480	106.78	0.0	-19.108E-6	382.16E-12
1	Grid	-95.50000	99.20957	106.80000	0.02479	106.78	-3.5831E-12	-77.397E-6	1.5479E-9
1	Grid	-93.60482	99.20957	106.80000	0.00502	106.78	-3.7776E-12	-79.859E-6	1.5972E-9
1	Grid	-91.50964	99.20957	106.80000	0.02523	106.78	-3.9795E-12	-82.395E-6	1.6479E-9
1	Grid	-89.51446	99.20957	106.80000	0.02542	106.78	-4.1960E-12	-85.005E-6	1.7001E-9
1	Grid	-87.51928	99.20957	106.80000	0.02561	106.78	-4.4178E-12	-87.690E-6	1.7538E-9
1	Grid	-85.52410	99.20957	106.80000	0.02577	106.78	-4.6563E-12	-90.450E-6	1.8090E-9
1	Grid	-83.52892	99.20957	106.80000	0.02595	106.78	-4.9061E-12	-93.284E-6	1.8657E-9
1	Grid	-81.53374	99.20957	106.80000	0.02605	106.78	-5.1659E-12	-96.192E-6	1.9238E-9
1	Grid	-79.53856	99.20957	106.80000	0.02616	106.78	-5.4383E-12	-99.173E-6	1.9835E-9
1	Grid	-77.54338	99.20957	106.80000	0.02624	106.78	-5.7214E-12	-102.23E-6	2.0445E-9
1	Grid	-75.54820	99.20957	106.80000	0.02631	106.78	-6.0199E-12	-105.35E-6	2.1070E-9
1	Grid	-73.55302	99.20957	106.80000	0.02638	106.78	-6.3289E-12	-108.50E-6	2.1706E-9
1	Grid	-71.55784	99.20957	106.80000	0.02637	106.78	-6.6547E-12	-111.79E-6	2.2359E-9
1	Grid	-69.56266	99.20957	106.80000	0.02636	106.78	-6.9917E-12	-115.11E-6	2.3022E-9
1	Grid	-67.56748	99.20957	106.80000	0.02632	106.78	-7.3395E-12	-118.48E-6	2.3697E-9
1	Grid	-65.57230	99.20957	106.80000	0.02625	106.78	-7.7005E-12	-121.91E-6	2.4382E-9
1	Grid	-63.57712	99.20957	106.80000	0.02612	106.78	-8.0735E-12	-125.39E-6	2.5078E-9
1	Grid	-61.58194	99.20957	106.80000	0.02602	106.78	-8.4592E-12	-128.91E-6	2.5781E-9
1	Grid	-59.58676	99.20957	106.80000	0.02586	106.78	-8.8569E-12	-132.46E-6	2.6492E-9
1	Grid	-57.59158	99.20957	106.80000	0.02566	106.78	-9.2659E-12	-136.04E-6	2.7208E-9
1	Grid	-55.59640	99.20957	106.80000	0.02542	106.78	-9.6823E-12	-139.64E-6	2.7928E-9
1	Grid	-53.60122	99.20957	106.80000	0.02515	106.78	-10.1070E-12	-143.25E-6	2.8651E-9
1	Grid	-51.60604	99.20957	106.80000	0.02483	106.78	-10.542E-12	-146.87E-6	2.9373E-9
1	Grid	-49.61086	99.20957	106.80000	0.02447	106.78	-10.982E-12	-150.47E-6	3.0094E-9
1	Grid	-47.61568	99.20957	106.80000	0.02407	106.78	-11.426E-12	-154.06E-6	3.0811E-9
1	Grid	-45.62050	99.20957	106.80000	0.02362	106.78	-11.873E-12	-157.61E-6	3.1521E-9
1	Grid	-43.62532	99.20957	106.80000	0.02313	106.78	-12.321E-12	-161.11E-6	3.2223E-9
1	Grid	-41.63014	99.20957	106.80000	0.02256	106.78	-12.768E-12	-164.56E-6	3.2913E-9
1	Grid	-39.63496	99.20957	106.80000	0.02195	106.78	-13.216E-12	-167.94E-6	3.3588E-9
1	Grid	-37.63978	99.20957	106.80000	0.02127	106.78	-13.654E-12	-171.23E-6	3.4246E-9
1	Grid	-35.64460	99.20957	106.80000	0.02053	106.78	-14.083E-12	-174.42E-6	3.4884E-9
1	Grid	-33.64942	99.20957	106.80000	0.01976	106.78	-14.501E-12	-177.53E-6	3.5500E-9
1	Grid	-31.65424	99.20957	106.80000	0.01882	106.78	-14.913E-12	-180.44E-6	3.6089E-9
1	Grid	-29.65906	99.20957	106.80000	0.01784	106.78	-15.302E-12	-183.25E-6	3.6649E-9
1	Grid	-27.66388	99.20957	106.80000	0.01676	106.78	-15.675E-12	-185.89E-6	3.7178E-9
1	Grid	-25.66871	99.20957	106.80000	0.01557	106.78	-16.028E-12	-188.36E-6	3.7672E-9
1	Grid	-23.67353	99.20957	106.80000	0.01425	106.78	-16.354E-12	-190.65E-6	3.8128E-9
1	Grid	-21.67835	99.20957	106.80000	0.01281	106.78	-16.656E-12	-192.72E-6	3.8544E-9
1	Grid	-19.68317	99.20957	106.80000	0.01121	106.78	-16.928E-12	-194.59E-6	3.8918E-9
1	Grid	-17.68799	99.20957	106.80000	0.00943	106.78	-17.168E-12	-196.24E-6	3.9248E-9
1	Grid	-15.69281	99.20957	106.80000	0.00746	106.78	-17.375E-12	-197.65E-6	3.9530E-9
1	Grid	-13.69763	99.20957	106.80000	0.00532	106.78	-17.545E-12	-198.82E-6	3.9764E-9
1	Grid	-11.70245	99.20957	106.80000	0.00280	106.78	-17.684E-12	-199.74E-6	3.9949E-9
1	Grid	-9.70727	99.20957	106.80000	0.00006	106.78	-17.781E-12	-200.41E-6	4.0082E-9
1	Grid	-7.71209	99.20957	106.80000	-0.00302	106.78	-17.838E-12	-200.82E-6	4.0163E-9
1	Grid	-5.71691	99.20957	106.80000	-0.00647	106.78	-17.861E-12	-200.96E-6	4.0192E-9
1	Grid	-3.72173	99.20957	106.80000	-0.01036	106.78	-17.842E-12	-200.84E-6	4.0169E-9
1	Grid	-1.72655	99.20957	106.80000	-0.01473	106.78	-17.782E-12	-200.46E-6	4.0092E-9
1	Grid	0.26863	99.20957	106.80000	-0.01967	106.78	-17.683E-12	-199.82E-6	3.9964E-9
1	Grid	2.26381	99.20957	106.80000	-0.02524	106.78	-17.550E-12	-198.93E-6	3.9785E-9
1	Grid	4.25899	99.20957	106.80000	-0.03154	106.78	-17.378E-12	-197.78E-6	3.9556E-9
1	Grid	6.25417	99.20957	106.80000	-0.03866	106.78	-17.168E-12	-196.39E-6	3.9279E-9
1	Grid	8.24935	99.20957	106.80000	-0.04673	106.78	-16.929E-12	-194.77E-6	3.8955E-9
1	Grid	10.24453	99.20957	106.80000	-0.05587	106.78	-16.659E-12	-192.93E-6	3.8586E-9
1	Grid	12.23971	99.20957	106.80000	-0.06623	106.78	-16.358E-12	-190.87E-6	3.8174E-9
1	Grid	14.23489	99.20957	106.80000	-0.07798	106.78	-16.033E-12	-188.61E-6	3.7723E-9
1	Grid	16.23007	99.20957	106.80000	-0.09131	106.78	-15.681E-12	-186.11E-6	3.7242E-9
1	Grid	18.22525	99.20957	106.80000	-0.10644	106.78	-15.309E-12	-183.55E-6	3.6710E-9
1	Grid	20.22043	99.20957	106.80000	-0.12363	106.78	-14.921E-12	-180.77E-6	3.6154E-9
1	Grid	22.21561	99.20957	106.80000	-0.14315	106.78	-14.514E-12	-177.85E-6	3.5569E-9
1	Grid	24.21079	99.20957	106.80000	-0.16535	106.78	-14.095E-12	-174.79E-6	3.4959E-9
1	Grid	26.20597	99.20957	106.80000	-0.19059	106.78	-13.666E-12	-171.62E-6	3.4324E-9
1	Grid	28.20115	99.20957	106.80000	-0.21927	106.78	-13.229E-12	-168.35E-6	3.3670E-9
1	Grid	30.19633	99.20957	106.80000	-0.25192	106.78	-12.783E-12	-164.99E-6	3.2999E-9
1	Grid	32.19151	99.20957	106.80000	-0.28909	106.78	-12.341E-12	-161.56E-6	3.2312E-9
1	Grid	34.18669	99.20957	106.80000	-0.33141	106.78	-11.892E-12	-158.07E-6	3.1614E-9
1	Grid	36.18187	99.20957	106.80000	-0.37963	106.78	-11.448E-12	-154.54E-6	3.0907E-9
1	Grid	38.17705	99.20957	106.80000	-0.43457	106.78	-11.004E-12	-150.97E-6	3.0193E-9
1	Grid	40.17223	99.20957	106.80000	-0.49721	106.78	-10.566E-12	-147.38E-6	2.9475E-9
1	Grid	42.16741	99.20957	106.80000	-0.56865	106.78	-10.131E-12	-143.78E-6	2.8755E-9
1	Grid	44.16259	99.20957	106.80000	-0.65015	106.78	-9.7076E-12	-140.17E-6	2.8035E-9
1	Grid	46.15777	99.20957	106.80000	-0.74318	106.78	-9.2918E-12	-136.55E-6	2.7317E-9
1	Grid	48.15295	99.20957	106.80000	-0.84944	106.78	-8.8836E-12	-133.01E-6	2.6602E-9
1	Grid	50.14813	99.20957	106.80000	-0.97093	106.78	-8.4892E-12	-129.47E-6	2.5893E-9
1	Grid	52.14331	99.20957	106.80000	-1.11003	106.78	-8.1029E-12	-125.95E-6	2.5191E-9
1	Grid	54.13849	99.20957	106.80000	-1.26966	106.78	-7.7292E-12	-122.48E-6	2.4497E-9
1	Grid	56.13367	99.20957	106.80000	-1.45345	106.78	-7.3708E-12	-119.06E-6	2.3812E-9
1	Grid	58.12885	99.20957	106.80000	-1.66629	106.78	-7.0197E-12	-115.69E-6	2.3138E-9
1	Grid	60.12403	99.20957	106.80000	-1.91451	106.78	-6.6840E-12	-112.37E-6	2.2475E-9
1	Grid	62.11921	99.20957	106.80000	-2.20726	106.78	-6.3616E-12	-109.12E-6	



Highgate Junior School Sports Hall
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Job No.	Sheet No.	Rev.
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Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]
1	Grid	125.96496	99.20957	106.80000	-2.58422	106.78	-1.2204E-12	-60.830E-6	816.60E-12
1	Grid	127.96014	99.20957	106.80000	-1.88986	106.78	-1.1584E-12	-39.637E-6	792.73E-12
1	Grid	129.95532	99.20957	106.80000	-1.47981	106.78	-1.1038E-12	-38.484E-6	769.68E-12
1	Grid	131.95050	99.20957	106.80000	-1.19556	106.78	-1.0512E-12	-37.370E-6	747.40E-12
1	Grid	133.94568	99.20957	106.80000	-0.98366	106.78	-1.0012E-12	-36.294E-6	725.87E-12
1	Grid	135.94086	99.20957	106.80000	-0.81904	106.78	0.0	-35.254E-6	705.07E-12
1	Grid	137.93604	99.20957	106.80000	-0.68769	106.78	0.0	-34.249E-6	684.97E-12
1	Grid	139.93122	99.20957	106.80000	-0.58086	106.78	0.0	-33.278E-6	665.55E-12
1	Grid	141.92640	99.20957	106.80000	-0.49275	106.78	0.0	-32.339E-6	646.78E-12
1	Grid	143.92158	99.20957	106.80000	-0.41929	106.78	0.0	-31.432E-6	628.64E-12
1	Grid	145.91676	99.20957	106.80000	-0.35749	106.78	0.0	-30.555E-6	611.10E-12
1	Grid	147.91194	99.20957	106.80000	-0.30516	106.78	0.0	-29.707E-6	594.15E-12
1	Grid	149.90712	99.20957	106.80000	-0.26059	106.78	0.0	-28.888E-6	577.76E-12
1	Grid	151.90230	99.20957	106.80000	-0.22244	106.78	0.0	-28.095E-6	561.91E-12
1	Grid	153.89748	99.20957	106.80000	-0.18967	106.78	0.0	-27.329E-6	546.58E-12
1	Grid	155.89266	99.20957	106.80000	-0.16142	106.78	0.0	-26.580E-6	531.76E-12
1	Grid	157.88784	99.20957	106.80000	-0.13700	106.78	0.0	-25.872E-6	517.43E-12
1	Grid	159.88302	99.20957	106.80000	-0.11585	106.78	0.0	-25.178E-6	503.57E-12
1	Grid	161.87820	99.20957	106.80000	-0.09749	106.78	0.0	-24.508E-6	490.15E-12
1	Grid	163.87338	99.20957	106.80000	-0.08153	106.78	0.0	-23.859E-6	477.17E-12
1	Grid	165.86856	99.20957	106.80000	-0.06766	106.78	0.0	-23.231E-6	464.61E-12
1	Grid	167.86374	99.20957	106.80000	-0.05554	106.78	0.0	-22.623E-6	452.45E-12
1	Grid	169.85892	99.20957	106.80000	-0.04498	106.78	0.0	-22.034E-6	440.69E-12
1	Grid	171.85410	99.20957	106.80000	-0.03577	106.78	0.0	-21.465E-6	429.30E-12
1	Grid	173.84928	99.20957	106.80000	-0.02774	106.78	0.0	-20.913E-6	418.27E-12
1	Grid	175.84446	99.20957	106.80000	-0.02071	106.78	0.0	-20.374E-6	407.59E-12
1	Grid	177.83964	99.20957	106.80000	-0.01461	106.78	0.0	-19.862E-6	397.24E-12
1	Grid	179.83482	99.20957	106.80000	-0.00927	106.78	0.0	-19.361E-6	387.22E-12
1	Grid	181.83000	99.20957	106.80000	-0.00463	106.78	0.0	-18.876E-6	377.51E-12
1	Grid	-95.50000	101.08432	106.80000	0.02475	106.78	-3.3979E-12	-75.000E-6	1.5000E-9
1	Grid	-93.50518	101.08432	106.80000	0.02490	106.78	-3.5765E-12	-77.334E-6	1.5467E-9
1	Grid	-91.50964	101.08432	106.80000	0.02521	106.78	-3.7663E-12	-79.736E-6	1.5947E-9
1	Grid	-89.51446	101.08432	106.80000	0.02543	106.78	-3.9655E-12	-82.206E-6	1.6441E-9
1	Grid	-87.51928	101.08432	106.80000	0.02563	106.78	-4.1727E-12	-84.744E-6	1.6949E-9
1	Grid	-85.52410	101.08432	106.80000	0.02581	106.78	-4.3912E-12	-87.349E-6	1.7470E-9
1	Grid	-83.52892	101.08432	106.80000	0.02598	106.78	-4.6190E-12	-90.014E-6	1.8004E-9
1	Grid	-81.53374	101.08432	106.80000	0.02613	106.78	-4.8561E-12	-92.759E-6	1.8552E-9
1	Grid	-79.53856	101.08432	106.80000	0.02627	106.78	-5.1072E-12	-95.563E-6	1.9113E-9
1	Grid	-77.54338	101.08432	106.80000	0.02638	106.78	-5.3697E-12	-98.431E-6	1.9686E-9
1	Grid	-75.54820	101.08432	106.80000	0.02648	106.78	-5.6402E-12	-101.36E-6	2.0272E-9
1	Grid	-73.55302	101.08432	106.80000	0.02656	106.78	-5.9246E-12	-104.35E-6	2.0870E-9
1	Grid	-71.55784	101.08432	106.80000	0.02661	106.78	-6.2190E-12	-107.40E-6	2.1479E-9
1	Grid	-69.56266	101.08432	106.80000	0.02663	106.78	-6.5228E-12	-110.50E-6	2.2099E-9
1	Grid	-67.56748	101.08432	106.80000	0.02664	106.78	-6.8385E-12	-113.65E-6	2.2729E-9
1	Grid	-65.57230	101.08432	106.80000	0.02661	106.78	-7.1676E-12	-116.84E-6	2.3368E-9
1	Grid	-63.57712	101.08432	106.80000	0.02658	106.78	-7.5040E-12	-120.05E-6	2.4015E-9
1	Grid	-61.58194	101.08432	106.80000	0.02648	106.78	-7.8524E-12	-123.35E-6	2.4669E-9
1	Grid	-59.58676	101.08432	106.80000	0.02637	106.78	-8.2101E-12	-126.64E-6	2.5329E-9
1	Grid	-57.59158	101.08432	106.80000	0.02622	106.78	-8.5778E-12	-129.97E-6	2.5993E-9
1	Grid	-55.59640	101.08432	106.80000	0.02604	106.78	-8.9515E-12	-133.30E-6	2.6660E-9
1	Grid	-53.60122	101.08432	106.80000	0.02583	106.78	-9.3292E-12	-136.64E-6	2.7328E-9
1	Grid	-51.60604	101.08432	106.80000	0.02557	106.78	-9.7176E-12	-139.98E-6	2.7996E-9
1	Grid	-49.61086	101.08432	106.80000	0.02528	106.78	-10.111E-12	-143.30E-6	2.8660E-9
1	Grid	-47.61568	101.08432	106.80000	0.02494	106.78	-10.508E-12	-146.60E-6	2.9321E-9
1	Grid	-45.62050	101.08432	106.80000	0.02456	106.78	-10.904E-12	-149.87E-6	2.9974E-9
1	Grid	-43.62532	101.08432	106.80000	0.02413	106.78	-11.303E-12	-153.09E-6	3.0619E-9
1	Grid	-41.63014	101.08432	106.80000	0.02365	106.78	-11.699E-12	-156.26E-6	3.1252E-9
1	Grid	-39.63496	101.08432	106.80000	0.02311	106.78	-12.092E-12	-159.36E-6	3.1871E-9
1	Grid	-37.63978	101.08432	106.80000	0.02252	106.78	-12.479E-12	-162.37E-6	3.2474E-9
1	Grid	-35.64460	101.08432	106.80000	0.02185	106.78	-12.859E-12	-165.29E-6	3.3058E-9
1	Grid	-33.64942	101.08432	106.80000	0.02113	106.78	-13.229E-12	-168.10E-6	3.3620E-9
1	Grid	-31.65424	101.08432	106.80000	0.02031	106.78	-13.587E-12	-170.79E-6	3.4158E-9
1	Grid	-29.65906	101.08432	106.80000	0.01941	106.78	-13.930E-12	-173.35E-6	3.4669E-9
1	Grid	-27.66388	101.08432	106.80000	0.01841	106.78	-14.259E-12	-175.76E-6	3.5151E-9
1	Grid	-25.66871	101.08432	106.80000	0.01731	106.78	-14.566E-12	-178.00E-6	3.5601E-9
1	Grid	-23.67353	101.08432	106.80000	0.01609	106.78	-14.851E-12	-180.00E-6	3.6016E-9
1	Grid	-21.67835	101.08432	106.80000	0.01473	106.78	-15.115E-12	-181.97E-6	3.6395E-9
1	Grid	-19.68317	101.08432	106.80000	0.01321	106.78	-15.354E-12	-183.67E-6	3.6735E-9
1	Grid	-17.68799	101.08432	106.80000	0.01153	106.78	-15.564E-12	-185.17E-6	3.7034E-9
1	Grid	-15.69281	101.08432	106.80000	0.00965	106.78	-15.743E-12	-186.45E-6	3.7290E-9
1	Grid	-13.69763	101.08432	106.80000	0.00755	106.78	-15.894E-12	-187.49E-6	3.7503E-9
1	Grid	-11.70245	101.08432	106.80000	0.00520	106.78	-16.010E-12	-188.35E-6	3.7670E-9
1	Grid	-9.70727	101.08432	106.80000	0.00257	106.78	-16.098E-12	-188.96E-6	3.7791E-9
1	Grid	-7.71209	101.08432	106.80000	-0.00039	106.78	-16.148E-12	-189.33E-6	3.7865E-9
1	Grid	-5.71691	101.08432	106.80000	-0.00371	106.78	-16.163E-12	-189.46E-6	3.7891E-9
1	Grid	-3.72173	101.08432	106.80000	-0.00746	106.78	-16.148E-12	-189.33E-6	3.7870E-9
1	Grid	-1.72655	101.08432	106.80000	-0.01168	106.78	-16.098E-12	-189.01E-6	3.7801E-9
1	Grid	0.26863	101.08432	106.80000	-0.01643	106.78	-16.013E-12	-188.43E-6	3.7685E-9
1	Grid	2.26381	101.08432	106.80000	-0.02181	106.78	-15.895E-12	-187.61E-6	3.7523E-9
1	Grid	4.25899	101.08432	106.80000	-0.02788	106.78	-15.744E-12	-186.58E-6	3.7315E-9
1	Grid	6.25417	101.08432	106.80000	-0.03474	106.78	-15.566E-12	-185.32E-6	3.7063E-9
1	Grid	8.24935	101.08432	106.80000	-0.04251	106.78	-15.355E-12	-183.85E-6	3.6769E-9
1	Grid	10.24453	101.08432	106.80000	-0.05129	106.78	-15.120E-12	-182.17E-6	3.6434E-9
1	Grid	12.23971	101.08432	106.80000	-0.06124	106.78	-14.858E-12	-180.30E-6	3.6060E-9
1	Grid	14.23489	101.08432	106.80000	-0.07251	106.78	-14.573E-12	-178.25E-6	3.5649E-9
1	Grid	16.23007	101.08432	106.80000	-0.08523	106.78	-14.265E-12	-176.02E-6	3.5204E-9
1	Grid	18.22525	101.08432	106.80000	-0.09973	106.78	-13.940E-12	-173.63E-6	3.4727E-9
1	Grid	20.22043	101.08432	106.80000	-0.11613	106.78	-13.598E-12	-171.10E-6	3.4220E-9
1	Grid	22.21561	101.08432	106.80000	-0.13471	106.78	-13.241E-12	-168.43E-6	3.3686E-9
1	Grid	24.21079	101.08432	106.80000	-0.15578	106.78	-12.872E-12	-165.64E-6	3.3128E-9
1	Grid	26.20597	101.08432	106.80000	-0.17968	106.78	-12.493E-12	-162.74E-6	3.2548E-9
1	Grid	28.20115	101.08432	106.80000	-0.20678	106.78	-12.106E-12	-159.74E-6	3.1949E-9
1	Grid	30.19633	101.08432	106.80000	-0.23753	106.78	-11.715E-12	-156.67E-6	3.1333E-9
1	Grid	32.19151	101.08432	106.80000	-0.27242	106.78	-11.322E-12	-153.52E-6	3.0703E-9
1	Grid	34.18669	101.08432	106.80000	-0.31202	106.78	-10.923E-12	-150.31E-6	3.0062E-9
1	Grid	36.18187	101.08432	106.80000	-0.35646	106.78	-10.528E-12	-147.06E-6	2.9412E-9
1	Grid	38.17705	101.08432	106.80000	-0.40797	106.78	-10.132E-12	-143.77E-6	2.8754E-9
1	Grid	40.17223	101.08432	106.80000	-0.46588	106.78	-9.7409E-12	-140.46E-6	2.8092E-9
1	Grid	42.16741	101.08432	106.80000					



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [μ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	106.013117	101.08432	106.80000	-14.20481	106.78	-1.9438E-12	-53.935E-6	1.0787E-9
1	Grid	108.00835	101.08432	106.80000	-13.92145	106.78	-1.8479E-12	-52.323E-6	1.0465E-9
1	Grid	110.00353	101.08432	106.80000	-13.57320	106.78	-1.7553E-12	-50.764E-6	1.0153E-9
1	Grid	111.99871	101.08432	106.80000	-13.14618	106.78	-1.6713E-12	-49.255E-6	985.10E-12
1	Grid	113.99388	101.08432	106.80000	-12.61713	106.78	-1.5881E-12	-47.796E-6	955.91E-12
1	Grid	115.98906	101.08432	106.80000	-11.94224	106.78	-1.5108E-12	-46.384E-6	927.69E-12
1	Grid	117.98424	101.08432	106.80000	-11.01982	106.78	-1.4382E-12	-45.020E-6	900.39E-12
1	Grid	119.97942	101.08432	106.80000	-9.48986	106.78	-1.3662E-12	-43.700E-6	874.00E-12
1	Grid	121.97460	101.08432	106.80000	-5.01160	106.78	-1.3016E-12	-42.424E-6	848.47E-12
1	Grid	123.96978	101.08432	106.80000	-3.23249	106.78	-1.2357E-12	-41.190E-6	823.80E-12
1	Grid	125.96496	101.08432	106.80000	-2.33904	106.78	-1.1777E-12	-39.997E-6	799.94E-12
1	Grid	127.96014	101.08432	106.80000	-1.79369	106.78	-1.1218E-12	-38.844E-6	776.87E-12
1	Grid	129.95532	101.08432	106.80000	-1.42684	106.78	-1.0678E-12	-37.729E-6	754.57E-12
1	Grid	131.95050	101.08432	106.80000	-1.16124	106.78	-1.0159E-12	-36.650E-6	733.01E-12
1	Grid	133.94568	101.08432	106.80000	-0.95939	106.78	0.0	-35.608E-6	712.16E-12
1	Grid	135.94086	101.08432	106.80000	-0.76000	106.78	0.0	-34.600E-6	692.01E-12
1	Grid	137.93604	101.08432	106.80000	-0.67371	106.78	0.0	-33.626E-6	672.52E-12
1	Grid	139.93122	101.08432	106.80000	-0.56980	106.78	0.0	-32.684E-6	653.68E-12
1	Grid	141.92640	101.08432	106.80000	-0.48385	106.78	0.0	-31.773E-6	635.45E-12
1	Grid	143.92158	101.08432	106.80000	-0.41201	106.78	0.0	-30.892E-6	617.83E-12
1	Grid	145.91676	101.08432	106.80000	-0.35050	106.78	0.0	-30.039E-6	600.79E-12
1	Grid	147.91194	101.08432	106.80000	-0.30018	106.78	0.0	-29.215E-6	584.31E-12
1	Grid	149.90712	101.08432	106.80000	-0.25642	106.78	0.0	-28.418E-6	568.36E-12
1	Grid	151.90230	101.08432	106.80000	-0.21894	106.78	0.0	-27.647E-6	552.94E-12
1	Grid	153.89748	101.08432	106.80000	-0.18672	106.78	0.0	-26.901E-6	538.01E-12
1	Grid	155.89266	101.08432	106.80000	-0.15992	106.78	0.0	-26.179E-6	523.58E-12
1	Grid	157.88784	101.08432	106.80000	-0.13489	106.78	0.0	-25.480E-6	509.60E-12
1	Grid	159.88302	101.08432	106.80000	-0.11406	106.78	0.0	-24.804E-6	496.08E-12
1	Grid	161.87820	101.08432	106.80000	-0.09597	106.78	0.0	-24.150E-6	483.00E-12
1	Grid	163.87338	101.08432	106.80000	-0.08024	106.78	0.0	-23.516E-6	470.33E-12
1	Grid	165.86856	101.08432	106.80000	-0.06655	106.78	0.0	-22.903E-6	458.06E-12
1	Grid	167.86374	101.08432	106.80000	-0.05461	106.78	0.0	-22.309E-6	446.19E-12
1	Grid	169.85892	101.08432	106.80000	-0.04420	106.78	0.0	-21.735E-6	434.69E-12
1	Grid	171.85410	101.08432	106.80000	-0.03512	106.78	0.0	-21.178E-6	423.55E-12
1	Grid	173.84928	101.08432	106.80000	-0.02719	106.78	0.0	-20.638E-6	412.77E-12
1	Grid	175.84446	101.08432	106.80000	-0.02027	106.78	0.0	-20.116E-6	402.32E-12
1	Grid	177.83964	101.08432	106.80000	-0.01423	106.78	0.0	-19.610E-6	392.19E-12
1	Grid	179.83482	101.08432	106.80000	-0.00896	106.78	0.0	-19.119E-6	382.38E-12
1	Grid	181.83000	101.08432	106.80000	-0.00438	106.78	0.0	-18.644E-6	372.87E-12
1	Grid	-95.50000	102.95906	106.80000	0.02469	106.78	-3.2221E-12	-72.680E-6	1.4536E-9
1	Grid	-93.50518	102.95906	106.80000	0.02494	106.78	-3.3906E-12	-74.895E-6	1.4979E-9
1	Grid	-91.50964	102.95906	106.80000	0.02518	106.78	-3.5631E-12	-77.171E-6	1.5434E-9
1	Grid	-89.51446	102.95906	106.80000	0.02541	106.78	-3.7483E-12	-79.508E-6	1.5902E-9
1	Grid	-87.51928	102.95906	106.80000	0.02562	106.78	-3.9408E-12	-81.906E-6	1.6381E-9
1	Grid	-85.52410	102.95906	106.80000	0.02582	106.78	-4.1414E-12	-84.366E-6	1.6873E-9
1	Grid	-83.52892	102.95906	106.80000	0.02602	106.78	-4.3512E-12	-86.885E-6	1.7377E-9
1	Grid	-81.53374	102.95906	106.80000	0.02619	106.78	-4.5690E-12	-89.466E-6	1.7893E-9
1	Grid	-79.53856	102.95906	106.80000	0.02635	106.78	-4.7988E-12	-92.104E-6	1.8421E-9
1	Grid	-77.54338	102.95906	106.80000	0.02649	106.78	-5.0386E-12	-94.798E-6	1.8960E-9
1	Grid	-75.54820	102.95906	106.80000	0.02661	106.78	-5.2891E-12	-97.548E-6	1.9510E-9
1	Grid	-73.55302	102.95906	106.80000	0.02672	106.78	-5.5462E-12	-100.358E-6	2.0070E-9
1	Grid	-71.55784	102.95906	106.80000	0.02680	106.78	-5.8147E-12	-103.20E-6	2.0640E-9
1	Grid	-69.56266	102.95906	106.80000	0.02686	106.78	-6.0938E-12	-106.10E-6	2.1220E-9
1	Grid	-67.56748	102.95906	106.80000	0.02690	106.78	-6.3789E-12	-109.04E-6	2.1808E-9
1	Grid	-65.57230	102.95906	106.80000	0.02692	106.78	-6.6767E-12	-112.02E-6	2.2405E-9
1	Grid	-63.57712	102.95906	106.80000	0.02694	106.78	-6.9824E-12	-115.04E-6	2.3007E-9
1	Grid	-61.58194	102.95906	106.80000	0.02687	106.78	-7.2948E-12	-118.08E-6	2.3616E-9
1	Grid	-59.58676	102.95906	106.80000	0.02680	106.78	-7.6179E-12	-121.14E-6	2.4229E-9
1	Grid	-57.59158	102.95906	106.80000	0.02670	106.78	-7.9476E-12	-124.23E-6	2.4845E-9
1	Grid	-55.59640	102.95906	106.80000	0.02659	106.78	-8.2834E-12	-127.32E-6	2.5463E-9
1	Grid	-53.60122	102.95906	106.80000	0.02646	106.78	-8.6251E-12	-130.41E-6	2.6082E-9
1	Grid	-51.60604	102.95906	106.80000	0.02621	106.78	-8.9715E-12	-133.49E-6	2.6699E-9
1	Grid	-49.61086	102.95906	106.80000	0.02598	106.78	-9.3192E-12	-136.56E-6	2.7313E-9
1	Grid	-47.61568	102.95906	106.80000	0.02570	106.78	-9.6743E-12	-139.61E-6	2.7922E-9
1	Grid	-45.62050	102.95906	106.80000	0.02538	106.78	-10.028E-12	-142.62E-6	2.8524E-9
1	Grid	-43.62532	102.95906	106.80000	0.02503	106.78	-10.382E-12	-145.68E-6	2.9137E-9
1	Grid	-41.63014	102.95906	106.80000	0.02460	106.78	-10.733E-12	-148.49E-6	2.9699E-9
1	Grid	-39.63496	102.95906	106.80000	0.02413	106.78	-11.082E-12	-151.34E-6	3.0267E-9
1	Grid	-37.63978	102.95906	106.80000	0.02361	106.78	-11.426E-12	-154.10E-6	3.0820E-9
1	Grid	-35.64460	102.95906	106.80000	0.02302	106.78	-11.761E-12	-156.78E-6	3.1355E-9
1	Grid	-33.64942	102.95906	106.80000	0.02236	106.78	-12.089E-12	-159.39E-6	3.1870E-9
1	Grid	-31.65424	102.95906	106.80000	0.02162	106.78	-12.399E-12	-161.81E-6	3.2362E-9
1	Grid	-29.65906	102.95906	106.80000	0.02079	106.78	-12.703E-12	-164.14E-6	3.2829E-9
1	Grid	-27.66388	102.95906	106.80000	0.01988	106.78	-12.991E-12	-166.34E-6	3.3268E-9
1	Grid	-25.66871	102.95906	106.80000	0.01885	106.78	-13.263E-12	-168.39E-6	3.3678E-9
1	Grid	-23.67353	102.95906	106.80000	0.01769	106.78	-13.514E-12	-170.29E-6	3.4057E-9
1	Grid	-21.67835	102.95906	106.80000	0.01643	106.78	-13.744E-12	-172.01E-6	3.4402E-9
1	Grid	-19.68317	102.95906	106.80000	0.01501	106.78	-13.950E-12	-173.56E-6	3.4711E-9
1	Grid	-17.68799	102.95906	106.80000	0.01341	106.78	-14.135E-12	-174.92E-6	3.4984E-9
1	Grid	-15.69281	102.95906	106.80000	0.01163	106.78	-14.293E-12	-176.09E-6	3.5217E-9
1	Grid	-13.69763	102.95906	106.80000	0.00963	106.78	-14.424E-12	-177.05E-6	3.5410E-9
1	Grid	-11.70245	102.95906	106.80000	0.00738	106.78	-14.526E-12	-177.81E-6	3.5562E-9
1	Grid	-9.70727	102.95906	106.80000	0.00486	106.78	-14.599E-12	-178.36E-6	3.5672E-9
1	Grid	-7.71209	102.95906	106.80000	0.00202	106.78	-14.646E-12	-178.70E-6	3.5740E-9
1	Grid	-5.71691	102.95906	106.80000	-0.00117	106.78	-14.660E-12	-178.82E-6	3.5764E-9
1	Grid	-3.72173	102.95906	106.80000	-0.00477	106.78	-14.648E-12	-178.72E-6	3.5744E-9
1	Grid	-1.72655	102.95906	106.80000	-0.00883	106.78	-14.600E-12	-178.41E-6	3.5682E-9
1	Grid	0.26863	102.95906	106.80000	-0.01341	106.78	-14.529E-12	-177.88E-6	3.5577E-9
1	Grid	2.26381	102.95906	106.80000	-0.01857	106.78	-14.426E-12	-177.15E-6	3.5429E-9
1	Grid	4.25899	102.95906	106.80000	-0.02441	106.78	-14.293E-12	-176.20E-6	3.5240E-9
1	Grid	6.25417	102.95906	106.80000	-0.03103	106.78	-14.139E-12	-175.06E-6	3.5012E-9
1	Grid	8.24935	102.95906	106.80000	-0.03845	106.78	-13.955E-12	-173.72E-6	3.4744E-9
1	Grid	10.24453	102.95906	106.80000	-0.04688	106.78	-13.748E-12	-172.19E-6	3.4439E-9
1	Grid	12.23971	102.95906	106.80000	-0.05641	106.78	-13.517E-12	-170.49E-6	3.4098E-9
1	Grid	14.23489	102.95906	106.80000	-0.06718	106.78	-13.267E-12	-168.62E-6	3.3724E-9
1	Grid	16.23007	102.95906	106.80000	-0.07936	106.78	-12.998E-12	-166.59E-6	3.3318E-9
1	Grid	18.22525	102.95906	106.80000	-0.09314	106.78	-12.712E-12	-164.41E-6	3.2883E-9
1	Grid	20.22043	102.95906	106.80000	-0.10874	106.78	-12.411E-12	-162.10E-6	3.2420E-9



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	96.06137	102.95906	106.80000	-14.01283	106.78	-3.0875E-12	-71.007E-6	1.4201E-9
1	Grid	88.05655	102.95906	106.80000	-14.28661	106.78	-2.9350E-12	-68.908E-6	1.3782E-9
1	Grid	90.05173	102.95906	106.80000	-14.47998	106.78	-2.7898E-12	-66.868E-6	1.3374E-9
1	Grid	92.04691	102.95906	106.80000	-14.60685	106.78	-2.6532E-12	-64.887E-6	1.2977E-9
1	Grid	94.04209	102.95906	106.80000	-14.67566	106.78	-2.5246E-12	-62.965E-6	1.2593E-9
1	Grid	96.03727	102.95906	106.80000	-14.69146	106.78	-2.3981E-12	-61.099E-6	1.2220E-9
1	Grid	98.03245	102.95906	106.80000	-14.65699	106.78	-2.2795E-12	-59.289E-6	1.1858E-9
1	Grid	100.02763	102.95906	106.80000	-14.57319	106.78	-2.1696E-12	-57.535E-6	1.1507E-9
1	Grid	102.02281	102.95906	106.80000	-14.43929	106.78	-2.0624E-12	-55.835E-6	1.1167E-9
1	Grid	104.01799	102.95906	106.80000	-14.25276	106.78	-1.9591E-12	-54.187E-6	1.0837E-9
1	Grid	106.01377	102.95906	106.80000	-14.00878	106.78	-1.8652E-12	-52.590E-6	1.0518E-9
1	Grid	108.00835	102.95906	106.80000	-13.69935	106.78	-1.7726E-12	-51.044E-6	1.0209E-9
1	Grid	110.00353	102.95906	106.80000	-13.31123	106.78	-1.6873E-12	-49.547E-6	990.94E-12
1	Grid	111.99871	102.95906	106.80000	-12.82150	106.78	-1.6054E-12	-48.098E-6	961.95E-12
1	Grid	113.99388	102.95906	106.80000	-12.18572	106.78	-1.5268E-12	-46.695E-6	933.89E-12
1	Grid	115.98906	102.95906	106.80000	-11.29795	106.78	-1.4522E-12	-45.336E-6	906.73E-12
1	Grid	117.98424	102.95906	106.80000	-9.76946	106.78	-1.3842E-12	-44.022E-6	880.44E-12
1	Grid	119.97942	102.95906	106.80000	-5.31416	106.78	-1.3169E-12	-42.750E-6	855.00E-12
1	Grid	121.97460	102.95906	106.80000	-3.62489	106.78	-1.2543E-12	-41.519E-6	830.39E-12
1	Grid	123.96978	102.95906	106.80000	-2.71435	106.78	-1.1930E-12	-40.329E-6	806.57E-12
1	Grid	125.96496	102.95906	106.80000	-1.62044	106.78	-1.1391E-12	-39.177E-6	783.53E-12
1	Grid	127.96014	102.95906	106.80000	-1.67166	106.78	-1.0825E-12	-38.062E-6	761.24E-12
1	Grid	129.95532	102.95906	106.80000	-1.35395	106.78	-1.0338E-12	-36.984E-6	739.68E-12
1	Grid	131.95050	102.95906	106.80000	-1.11311	106.78	0.0	-35.941E-6	718.81E-12
1	Grid	133.94568	102.95906	106.80000	-0.92540	106.78	0.0	-34.931E-6	698.63E-12
1	Grid	135.94086	102.95906	106.80000	-0.77596	106.78	0.0	-33.955E-6	679.10E-12
1	Grid	137.93604	102.95906	106.80000	-0.65450	106.78	0.0	-33.010E-6	660.21E-12
1	Grid	139.93122	102.95906	106.80000	-0.55477	106.78	0.0	-32.097E-6	641.93E-12
1	Grid	141.92640	102.95906	106.80000	-0.47186	106.78	0.0	-31.212E-6	624.25E-12
1	Grid	143.92158	102.95906	106.80000	-0.40233	106.78	0.0	-30.357E-6	607.13E-12
1	Grid	145.91676	102.95906	106.80000	-0.34950	106.78	0.0	-29.529E-6	590.58E-12
1	Grid	147.91194	102.95906	106.80000	-0.29365	106.78	0.0	-28.728E-6	574.55E-12
1	Grid	149.90712	102.95906	106.80000	-0.25101	106.78	0.0	-27.952E-6	559.04E-12
1	Grid	151.90230	102.95906	106.80000	-0.21442	106.78	0.0	-27.202E-6	544.04E-12
1	Grid	153.89748	102.95906	106.80000	-0.18293	106.78	0.0	-26.475E-6	529.51E-12
1	Grid	155.89266	102.95906	106.80000	-0.15578	106.78	0.0	-25.772E-6	515.44E-12
1	Grid	157.88784	102.95906	106.80000	-0.13221	106.78	0.0	-25.091E-6	501.83E-12
1	Grid	159.88302	102.95906	106.80000	-0.11179	106.78	0.0	-24.432E-6	488.65E-12
1	Grid	161.87820	102.95906	106.80000	-0.09405	106.78	0.0	-23.794E-6	475.88E-12
1	Grid	163.87338	102.95906	106.80000	-0.07862	106.78	0.0	-23.176E-6	463.52E-12
1	Grid	165.86856	102.95906	106.80000	-0.06518	106.78	0.0	-22.577E-6	451.55E-12
1	Grid	167.86374	102.95906	106.80000	-0.05345	106.78	0.0	-21.998E-6	439.95E-12
1	Grid	169.85892	102.95906	106.80000	-0.04322	106.78	0.0	-21.436E-6	428.72E-12
1	Grid	171.85410	102.95906	106.80000	-0.03429	106.78	0.0	-20.892E-6	417.83E-12
1	Grid	173.84928	102.95906	106.80000	-0.02650	106.78	0.0	-20.364E-6	407.28E-12
1	Grid	175.84446	102.95906	106.80000	-0.02049	106.78	0.0	-19.854E-6	397.06E-12
1	Grid	177.83964	102.95906	106.80000	-0.01375	106.78	0.0	-19.358E-6	387.15E-12
1	Grid	179.83482	102.95906	106.80000	-0.00857	106.78	0.0	-18.878E-6	377.55E-12
1	Grid	181.83000	102.95906	106.80000	-0.00405	106.78	0.0	-18.412E-6	368.24E-12
1	Grid	-95.50000	104.83381	106.80000	0.02461	106.78	-3.0556E-12	-70.438E-6	1.4088E-9
1	Grid	-93.50482	104.83381	106.80000	0.02481	106.78	-3.2121E-12	-72.538E-6	1.4508E-9
1	Grid	-91.50964	104.83381	106.80000	0.02512	106.78	-3.3753E-12	-74.695E-6	1.4939E-9
1	Grid	-89.51446	104.83381	106.80000	0.02537	106.78	-3.5438E-12	-76.907E-6	1.5381E-9
1	Grid	-87.51928	104.83381	106.80000	0.02560	106.78	-3.7217E-12	-79.175E-6	1.5835E-9
1	Grid	-85.52410	104.83381	106.80000	0.02582	106.78	-3.9062E-12	-81.499E-6	1.6300E-9
1	Grid	-83.52892	104.83381	106.80000	0.02606	106.78	-4.1001E-12	-83.875E-6	1.6776E-9
1	Grid	-81.53374	104.83381	106.80000	0.02622	106.78	-4.3046E-12	-86.306E-6	1.7261E-9
1	Grid	-79.53856	104.83381	106.80000	0.02640	106.78	-4.5124E-12	-88.789E-6	1.7758E-9
1	Grid	-77.54338	104.83381	106.80000	0.02656	106.78	-4.7335E-12	-91.322E-6	1.8264E-9
1	Grid	-75.54820	104.83381	106.80000	0.02671	106.78	-4.9574E-12	-93.904E-6	1.8781E-9
1	Grid	-73.55302	104.83381	106.80000	0.02686	106.78	-5.1945E-12	-96.526E-6	1.9306E-9
1	Grid	-71.55784	104.83381	106.80000	0.02695	106.78	-5.4396E-12	-99.203E-6	1.9841E-9
1	Grid	-69.56266	104.83381	106.80000	0.02704	106.78	-5.6948E-12	-101.92E-6	2.0383E-9
1	Grid	-67.56748	104.83381	106.80000	0.02712	106.78	-5.9532E-12	-104.66E-6	2.0933E-9
1	Grid	-65.57230	104.83381	106.80000	0.02716	106.78	-6.2224E-12	-107.45E-6	2.1489E-9
1	Grid	-63.57712	104.83381	106.80000	0.02719	106.78	-6.4975E-12	-110.25E-6	2.2051E-9
1	Grid	-61.58194	104.83381	106.80000	0.02719	106.78	-6.7839E-12	-113.09E-6	2.2618E-9
1	Grid	-59.58676	104.83381	106.80000	0.02717	106.78	-7.0730E-12	-115.94E-6	2.3188E-9
1	Grid	-57.59158	104.83381	106.80000	0.02711	106.78	-7.3721E-12	-118.80E-6	2.3760E-9
1	Grid	-55.59640	104.83381	106.80000	0.02703	106.78	-7.6712E-12	-121.67E-6	2.4333E-9
1	Grid	-53.60122	104.83381	106.80000	0.02691	106.78	-7.9790E-12	-124.53E-6	2.4906E-9
1	Grid	-51.60604	104.83381	106.80000	0.02677	106.78	-8.2914E-12	-127.39E-6	2.5477E-9
1	Grid	-49.61086	104.83381	106.80000	0.02658	106.78	-8.6038E-12	-130.22E-6	2.6045E-9
1	Grid	-47.61568	104.83381	106.80000	0.02636	106.78	-8.9189E-12	-133.04E-6	2.6607E-9
1	Grid	-45.62050	104.83381	106.80000	0.02610	106.78	-9.2339E-12	-135.81E-6	2.7162E-9
1	Grid	-43.62532	104.83381	106.80000	0.02579	106.78	-9.5477E-12	-138.55E-6	2.7709E-9
1	Grid	-41.63014	104.83381	106.80000	0.02543	106.78	-9.8614E-12	-141.22E-6	2.8244E-9
1	Grid	-39.63496	104.83381	106.80000	0.02503	106.78	-10.169E-12	-143.83E-6	2.8767E-9
1	Grid	-37.63978	104.83381	106.80000	0.02456	106.78	-10.475E-12	-146.37E-6	2.9275E-9
1	Grid	-35.64460	104.83381	106.80000	0.02404	106.78	-10.770E-12	-148.83E-6	2.9765E-9
1	Grid	-33.64942	104.83381	106.80000	0.02348	106.78	-11.058E-12	-151.80E-6	3.0237E-9
1	Grid	-31.65424	104.83381	106.80000	0.02277	106.78	-11.337E-12	-153.44E-6	3.0687E-9
1	Grid	-29.65906	104.83381	106.80000	0.02202	106.78	-11.607E-12	-155.57E-6	3.1115E-9
1	Grid	-27.66388	104.83381	106.80000	0.02117	106.78	-11.856E-12	-157.58E-6	3.1517E-9
1	Grid	-25.66871	104.83381	106.80000	0.02022	106.78	-12.093E-12	-159.46E-6	3.1891E-9
1	Grid	-23.67353	104.83381	106.80000	0.01919	106.78	-12.316E-12	-161.61E-6	3.2237E-9
1	Grid	-21.67835	104.83381	106.80000	0.01796	106.78	-12.519E-12	-162.76E-6	3.2552E-9
1	Grid	-19.68317	104.83381	106.80000	0.01661	106.78	-12.699E-12	-164.17E-6	3.2834E-9
1	Grid	-17.68799	104.83381	106.80000	0.01511	106.78	-12.862E-12	-165.41E-6	3.3082E-9
1	Grid	-15.69281	104.83381	106.80000	0.01341	106.78	-13.002E-12	-166.48E-6	3.3295E-9
1	Grid	-13.69763	104.83381	106.80000	0.01159	106.78	-13.114E-12	-167.68E-6	3.3471E-9
1	Grid	-11.70245	104.83381	106.80000	0.00936	106.78	-13.205E-12	-168.05E-6	3.3610E-9
1	Grid	-9.70727	104.83381	106.80000	0.00695	106.78	-13.271E-12	-168.55E-6	3.3710E-9
1	Grid	-7.71209	104.83381	106.80000	0.00423	106.78	-13.311E-12	-168.86E-6	3.3771E-9
1	Grid	-5.71691	104.83381	106.80000	0.00117	106.78	-13.324E-12	-168.97E-6	3.3793E-9
1	Grid	-3.72173	104.83381	106.80000	-0.00229	106.78	-13.311E-12	-168.89E-6	3.3776E-9
1	Grid	-1.72655	104.83381	106.80000	-0.00617	106.78	-13.270E-12	-168.59E-6	3.3719E-9
1	Grid	0.26863	104.83381	106.80000	-0.01056	106.78	-13.205E-12	-168.12E-6	3.3623E-9



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	66.10957	104.83381	106.80000	-2.09357	106.78	-4.7589E-12	-91.814E-6	1.8363E-9
1	Grid	68.10475	104.83381	106.80000	-2.40031	106.78	-4.5384E-12	-89.280E-6	1.7856E-9
1	Grid	70.09993	104.83381	106.80000	-2.77190	106.78	-4.3292E-12	-86.796E-6	1.7359E-9
1	Grid	72.09511	104.83381	106.80000	-3.23696	106.78	-4.1254E-12	-84.363E-6	1.6873E-9
1	Grid	74.09029	104.83381	106.80000	-3.85211	106.78	-3.9309E-12	-81.983E-6	1.6396E-9
1	Grid	76.08547	104.83381	106.80000	-4.76179	106.78	-3.7463E-12	-79.656E-6	1.5931E-9
1	Grid	78.08065	104.83381	106.80000	-6.62592	106.78	-3.5665E-12	-77.384E-6	1.5477E-9
1	Grid	80.07583	104.83381	106.80000	-11.10802	106.78	-3.3986E-12	-75.168E-6	1.5034E-9
1	Grid	82.07101	104.83381	106.80000	-12.40681	106.78	-3.2347E-12	-73.007E-6	1.4601E-9
1	Grid	84.06619	104.83381	106.80000	-13.13446	106.78	-3.0795E-12	-70.901E-6	1.4180E-9
1	Grid	86.06137	104.83381	106.80000	-13.62124	106.78	-2.9303E-12	-68.851E-6	1.3770E-9
1	Grid	88.05655	104.83381	106.80000	-13.96370	106.78	-2.7918E-12	-66.855E-6	1.3371E-9
1	Grid	90.05173	104.83381	106.80000	-14.20351	106.78	-2.6545E-12	-64.915E-6	1.2983E-9
1	Grid	92.04691	104.83381	106.80000	-14.36233	106.78	-2.5260E-12	-63.029E-6	1.2606E-9
1	Grid	94.04209	104.83381	106.80000	-14.45248	106.78	-2.4041E-12	-61.196E-6	1.2239E-9
1	Grid	96.03727	104.83381	106.80000	-14.49109	106.78	-2.2862E-12	-59.416E-6	1.1883E-9
1	Grid	98.03245	104.83381	106.80000	-14.45191	106.78	-2.1776E-12	-57.688E-6	1.1538E-9
1	Grid	100.02763	104.83381	106.80000	-14.36621	106.78	-2.0710E-12	-56.011E-6	1.1202E-9
1	Grid	102.02281	104.83381	106.80000	-14.22289	106.78	-1.9731E-12	-54.385E-6	1.0877E-9
1	Grid	104.01799	104.83381	106.80000	-14.01825	106.78	-1.8785E-12	-52.807E-6	1.0561E-9
1	Grid	106.01317	104.83381	106.80000	-13.74511	106.78	-1.7859E-12	-51.277E-6	1.0255E-9
1	Grid	108.00835	104.83381	106.80000	-13.39075	106.78	-1.7006E-12	-49.794E-6	995.88E-12
1	Grid	110.00353	104.83381	106.80000	-12.93229	106.78	-1.6207E-12	-48.357E-6	967.14E-12
1	Grid	111.99871	104.83381	106.80000	-12.32420	106.78	-1.5428E-12	-46.964E-6	939.29E-12
1	Grid	113.99388	104.83381	106.80000	-11.45563	106.78	-1.4682E-12	-45.615E-6	912.31E-12
1	Grid	115.98906	104.83381	106.80000	-10.41562	106.78	-1.3982E-12	-44.309E-6	886.17E-12
1	Grid	117.98424	104.83381	106.80000	-9.24695	106.78	-1.3323E-12	-43.043E-6	860.86E-12
1	Grid	119.97942	104.83381	106.80000	-8.36468	106.78	-1.2697E-12	-41.818E-6	836.35E-12
1	Grid	121.97460	104.83381	106.80000	-7.29781	106.78	-1.2097E-12	-40.631E-6	812.62E-12
1	Grid	123.96978	104.83381	106.80000	-6.23715	106.78	-1.1531E-12	-39.482E-6	789.64E-12
1	Grid	125.96496	104.83381	106.80000	-5.29396	106.78	-1.0965E-12	-38.369E-6	767.38E-12
1	Grid	127.96014	104.83381	106.80000	-4.45371	106.78	-1.0485E-12	-37.292E-6	745.85E-12
1	Grid	129.95532	104.83381	106.80000	-3.72062	106.78	0.0	-36.250E-6	725.00E-12
1	Grid	131.95050	104.83381	106.80000	-3.05574	106.78	0.0	-35.241E-6	704.81E-12
1	Grid	133.94568	104.83381	106.80000	-2.48408	106.78	0.0	-34.264E-6	685.27E-12
1	Grid	135.94086	104.83381	106.80000	-1.97491	106.78	0.0	-33.318E-6	666.36E-12
1	Grid	137.93604	104.83381	106.80000	-1.52688	106.78	0.0	-32.402E-6	648.05E-12
1	Grid	139.93122	104.83381	106.80000	-1.13628	106.78	0.0	-31.516E-6	630.32E-12
1	Grid	141.92640	104.83381	106.80000	-0.80715	106.78	0.0	-30.658E-6	613.16E-12
1	Grid	143.92158	104.83381	106.80000	-0.53947	106.78	0.0	-29.827E-6	596.55E-12
1	Grid	145.91676	104.83381	106.80000	-0.32479	106.78	0.0	-29.023E-6	580.40E-12
1	Grid	147.91194	104.83381	106.80000	-0.28571	106.78	0.0	-28.245E-6	564.89E-12
1	Grid	149.90712	104.83381	106.80000	-0.24444	106.78	0.0	-27.491E-6	549.81E-12
1	Grid	151.90230	104.83381	106.80000	-0.20895	106.78	0.0	-26.760E-6	535.21E-12
1	Grid	153.89748	104.83381	106.80000	-0.17836	106.78	0.0	-26.053E-6	521.07E-12
1	Grid	155.89266	104.83381	106.80000	-0.15145	106.78	0.0	-25.369E-6	507.12E-12
1	Grid	157.88784	104.83381	106.80000	-0.12898	106.78	0.0	-24.705E-6	494.11E-12
1	Grid	159.88302	104.83381	106.80000	-0.10907	106.78	0.0	-24.063E-6	481.26E-12
1	Grid	161.87820	104.83381	106.80000	-0.09176	106.78	0.0	-23.441E-6	468.81E-12
1	Grid	163.87338	104.83381	106.80000	-0.07668	106.78	0.0	-22.838E-6	456.75E-12
1	Grid	165.86856	104.83381	106.80000	-0.06381	106.78	0.0	-22.253E-6	445.07E-12
1	Grid	167.86374	104.83381	106.80000	-0.05206	106.78	0.0	-21.687E-6	433.74E-12
1	Grid	169.85892	104.83381	106.80000	-0.04205	106.78	0.0	-21.138E-6	422.77E-12
1	Grid	171.85410	104.83381	106.80000	-0.03330	106.78	0.0	-20.607E-6	412.13E-12
1	Grid	173.84928	104.83381	106.80000	-0.02567	106.78	0.0	-20.091E-6	401.82E-12
1	Grid	175.84446	104.83381	106.80000	-0.01929	106.78	0.0	-19.589E-6	391.82E-12
1	Grid	177.83964	104.83381	106.80000	-0.01317	106.78	0.0	-19.107E-6	382.13E-12
1	Grid	179.83482	104.83381	106.80000	-0.00808	106.78	0.0	-18.637E-6	372.73E-12
1	Grid	181.83000	104.83381	106.80000	-0.00365	106.78	0.0	-18.181E-6	363.62E-12
1	Grid	-95.50000	106.70856	106.80000	0.02452	106.78	-2.9010E-12	-68.270E-6	1.3654E-9
1	Grid	-93.50482	106.70856	106.80000	0.02479	106.78	-3.0438E-12	-70.263E-6	1.4053E-9
1	Grid	-91.50964	106.70856	106.80000	0.02505	106.78	-3.1961E-12	-72.306E-6	1.4461E-9
1	Grid	-89.51446	106.70856	106.80000	0.02531	106.78	-3.3527E-12	-74.400E-6	1.4880E-9
1	Grid	-87.51928	106.70856	106.80000	0.02555	106.78	-3.5152E-12	-76.545E-6	1.5309E-9
1	Grid	-85.52410	106.70856	106.80000	0.02579	106.78	-3.6877E-12	-78.739E-6	1.5748E-9
1	Grid	-83.52892	106.70856	106.80000	0.02603	106.78	-3.8662E-12	-80.983E-6	1.6197E-9
1	Grid	-81.53374	106.70856	106.80000	0.02622	106.78	-4.0514E-12	-83.274E-6	1.6655E-9
1	Grid	-79.53856	106.70856	106.80000	0.02642	106.78	-4.2453E-12	-85.612E-6	1.7122E-9
1	Grid	-77.54338	106.70856	106.80000	0.02660	106.78	-4.4464E-12	-87.994E-6	1.7599E-9
1	Grid	-75.54820	106.70856	106.80000	0.02677	106.78	-4.6556E-12	-90.419E-6	1.8084E-9
1	Grid	-73.55302	106.70856	106.80000	0.02693	106.78	-4.8688E-12	-92.885E-6	1.8577E-9
1	Grid	-71.55784	106.70856	106.80000	0.02706	106.78	-5.0953E-12	-95.389E-6	1.9078E-9
1	Grid	-69.56266	106.70856	106.80000	0.02718	106.78	-5.3231E-12	-97.928E-6	1.9586E-9
1	Grid	-67.56748	106.70856	106.80000	0.02728	106.78	-5.5602E-12	-100.50E-6	2.0100E-9
1	Grid	-65.57230	106.70856	106.80000	0.02736	106.78	-5.8027E-12	-103.10E-6	2.0619E-9
1	Grid	-63.57712	106.70856	106.80000	0.02742	106.78	-6.0538E-12	-105.72E-6	2.1143E-9
1	Grid	-61.58194	106.70856	106.80000	0.02746	106.78	-6.3116E-12	-108.36E-6	2.1671E-9
1	Grid	-59.58676	106.70856	106.80000	0.02747	106.78	-6.5734E-12	-111.01E-6	2.2202E-9
1	Grid	-57.59158	106.70856	106.80000	0.02745	106.78	-6.8392E-12	-113.67E-6	2.2734E-9
1	Grid	-55.59640	106.70856	106.80000	0.02741	106.78	-7.1136E-12	-116.33E-6	2.3266E-9
1	Grid	-53.60122	106.70856	106.80000	0.02734	106.78	-7.3994E-12	-118.99E-6	2.3797E-9
1	Grid	-51.60604	106.70856	106.80000	0.02723	106.78	-7.6665E-12	-121.63E-6	2.4326E-9
1	Grid	-49.61086	106.70856	106.80000	0.02710	106.78	-7.9450E-12	-124.26E-6	2.4851E-9
1	Grid	-47.61568	106.70856	106.80000	0.02692	106.78	-8.2281E-12	-126.86E-6	2.5371E-9
1	Grid	-45.62050	106.70856	106.80000	0.02671	106.78	-8.5105E-12	-129.42E-6	2.5884E-9
1	Grid	-43.62532	106.70856	106.80000	0.02649	106.78	-9.7943E-12	-131.94E-6	2.6388E-9
1	Grid	-41.63014	106.70856	106.80000	0.02615	106.78	-9.0694E-12	-134.40E-6	2.6881E-9
1	Grid	-39.63496	106.70856	106.80000	0.02580	106.78	-9.3425E-12	-136.81E-6	2.7362E-9
1	Grid	-37.63978	106.70856	106.80000	0.02539	106.78	-9.6143E-12	-139.14E-6	2.7829E-9
1	Grid	-35.64460	106.70856	106.80000	0.02493	106.78	-9.8788E-12	-141.40E-6	2.8280E-9
1	Grid	-33.64942	106.70856	106.80000	0.02439	106.78	-10.1353E-12	-143.66E-6	2.8713E-9
1	Grid	-31.65424	106.70856	106.80000	0.02378	106.78	-10.380E-12	-145.63E-6	2.9126E-9
1	Grid	-29.65906	106.70856	106.80000	0.02310	106.78	-10.617E-12	-147.59E-6	2.9517E-9
1	Grid	-27.66388	106.70856	106.80000	0.02232	106.78	-10.839E-12	-149.43E-6	2.9885E-9
1	Grid	-25.66871	106.70856	106.80000	0.02143	106.78	-11.049E-12	-151.14E-6	3.0228E-9
1	Grid	-23.67353	106.70856	106.80000	0.02045	106.78	-11.243E-12	-152.72E-6	3.0544E-9
1	Grid	-21.67835	106.70856	106.80000	0.01932	106.78	-11.420E-12	-154.16E-6	3.0832E-9
1	Grid	-19.68317	106.70856	106.80000	0.01805	106.78	-11.582E-12	-155.45E-6	3.1090E-9

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.		
						3244				
						Drg. Ref.				
Made by AC						Date		Checked		
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain	
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]	
1	Grid	46.15777	106.70856	106.80000	-0.55085	106.78	-6.8638E-12	-114.10E-6	2.2820E-9	
1	Grid	48.15295	106.70856	106.80000	-0.62303	106.78	-6.5934E-12	-111.45E-6	2.2289E-9	
1	Grid	50.14813	106.70856	106.80000	-0.70408	106.78	-6.3336E-12	-108.80E-6	2.1760E-9	
1	Grid	52.14331	106.70856	106.80000	-0.79512	106.78	-6.0758E-12	-106.17E-6	2.1233E-9	
1	Grid	54.13849	106.70856	106.80000	-0.89752	106.78	-5.8253E-12	-103.55E-6	2.0710E-9	
1	Grid	56.13367	106.70856	106.80000	-1.01288	106.78	-5.5809E-12	-100.96E-6	2.0191E-9	
1	Grid	58.12885	106.70856	106.80000	-1.14319	106.78	-5.3464E-12	-98.389E-6	1.9678E-9	
1	Grid	60.12403	106.70856	106.80000	-1.29089	106.78	-5.1152E-12	-95.853E-6	1.9171E-9	
1	Grid	62.11921	106.70856	106.80000	-1.45913	106.78	-4.8928E-12	-93.351E-6	1.8670E-9	
1	Grid	64.11439	106.70856	106.80000	-1.65202	106.78	-4.6776E-12	-90.886E-6	1.8177E-9	
1	Grid	66.10957	106.70856	106.80000	-1.87510	106.78	-4.4691E-12	-88.461E-6	1.7692E-9	
1	Grid	68.10475	106.70856	106.80000	-2.13616	106.78	-4.2686E-12	-86.077E-6	1.7215E-9	
1	Grid	70.09993	106.70856	106.80000	-2.44662	106.78	-4.0754E-12	-83.739E-6	1.6748E-9	
1	Grid	72.09511	106.70856	106.80000	-2.82450	106.78	-3.8889E-12	-81.446E-6	1.6289E-9	
1	Grid	74.09029	106.70856	106.80000	-3.30113	106.78	-3.7110E-12	-79.200E-6	1.5840E-9	
1	Grid	76.08547	106.70856	106.80000	-3.94041	106.78	-3.5378E-12	-77.002E-6	1.5400E-9	
1	Grid	78.08065	106.70856	106.80000	-4.91524	106.78	-3.3740E-12	-74.854E-6	1.4971E-9	
1	Grid	80.07583	106.70856	106.80000	-7.17718	106.78	-3.2174E-12	-72.756E-6	1.4551E-9	
1	Grid	82.07101	106.70856	106.80000	-11.32327	106.78	-3.0662E-12	-70.708E-6	1.4142E-9	
1	Grid	84.06619	106.70856	106.80000	-12.46920	106.78	-2.9210E-12	-68.711E-6	1.3742E-9	
1	Grid	86.06137	106.70856	106.80000	-13.13185	106.78	-2.7844E-12	-66.764E-6	1.3353E-9	
1	Grid	88.05655	106.70856	106.80000	-13.57252	106.78	-2.6525E-12	-64.868E-6	1.2974E-9	
1	Grid	90.05173	106.70856	106.80000	-13.87397	106.78	-2.5266E-12	-63.022E-6	1.2604E-9	
1	Grid	92.04691	106.70856	106.80000	-14.07293	106.78	-2.4067E-12	-61.225E-6	1.2245E-9	
1	Grid	94.04209	106.70856	106.80000	-14.18838	106.78	-2.2935E-12	-59.478E-6	1.1896E-9	
1	Grid	96.03727	106.70856	106.80000	-14.23069	106.78	-2.1836E-12	-57.780E-6	1.1556E-9	
1	Grid	98.03245	106.70856	106.80000	-14.20511	106.78	-2.0797E-12	-56.130E-6	1.1226E-9	
1	Grid	100.02763	106.70856	106.80000	-14.11320	106.78	-1.9817E-12	-54.527E-6	1.0905E-9	
1	Grid	102.02281	106.70856	106.80000	-13.95309	106.78	-1.8885E-12	-52.971E-6	1.0594E-9	
1	Grid	104.01799	106.70856	106.80000	-13.71888	106.78	-1.7986E-12	-51.460E-6	1.0292E-9	
1	Grid	106.01317	106.70856	106.80000	-13.39867	106.78	-1.7106E-12	-49.994E-6	999.89E-12	
1	Grid	108.00835	106.70856	106.80000	-12.96981	106.78	-1.6334E-12	-48.572E-6	971.44E-12	
1	Grid	110.00353	106.70856	106.80000	-12.38579	106.78	-1.5554E-12	-47.193E-6	943.85E-12	
1	Grid	111.99871	106.70856	106.80000	-11.53082	106.78	-1.4801E-12	-45.855E-6	917.10E-12	
1	Grid	113.99388	106.70856	106.80000	-9.95062	106.78	-1.4109E-12	-44.558E-6	891.17E-12	
1	Grid	115.98906	106.70856	106.80000	-5.53859	106.78	-1.3489E-12	-43.301E-6	866.02E-12	
1	Grid	117.98424	106.70856	106.80000	-4.01108	106.78	-1.2836E-12	-42.083E-6	841.65E-12	
1	Grid	119.97942	106.70856	106.80000	-3.15063	106.78	-1.2217E-12	-40.902E-6	818.04E-12	
1	Grid	121.97460	106.70856	106.80000	-2.54223	106.78	-1.1664E-12	-39.758E-6	795.16E-12	
1	Grid	123.96978	106.70856	106.80000	-2.07722	106.78	-1.1138E-12	-38.649E-6	772.99E-12	
1	Grid	125.96496	106.70856	106.80000	-1.71077	106.78	-1.0592E-12	-37.575E-6	751.51E-12	
1	Grid	127.96014	106.70856	106.80000	-1.41838	106.78	-1.0139E-12	-36.535E-6	730.70E-12	
1	Grid	129.95532	106.70856	106.80000	-1.18338	106.78	0.0	-35.527E-6	710.54E-12	
1	Grid	131.95050	106.70856	106.80000	-0.99313	106.78	0.0	-34.551E-6	691.02E-12	
1	Grid	133.94568	106.70856	106.80000	-0.83783	106.78	0.0	-33.605E-6	672.11E-12	
1	Grid	135.94086	106.70856	106.80000	-0.70996	106.78	0.0	-32.689E-6	653.79E-12	
1	Grid	137.93604	106.70856	106.80000	-0.60379	106.78	0.0	-31.802E-6	636.04E-12	
1	Grid	139.93122	106.70856	106.80000	-0.51496	106.78	0.0	-30.943E-6	618.86E-12	
1	Grid	141.92640	106.70856	106.80000	-0.44014	106.78	0.0	-30.110E-6	602.21E-12	
1	Grid	143.92158	106.70856	106.80000	-0.37673	106.78	0.0	-29.304E-6	586.08E-12	
1	Grid	145.91676	106.70856	106.80000	-0.32272	106.78	0.0	-28.523E-6	570.46E-12	
1	Grid	147.91194	106.70856	106.80000	-0.27651	106.78	0.0	-27.766E-6	555.33E-12	
1	Grid	149.90712	106.70856	106.80000	-0.23682	106.78	0.0	-27.033E-6	540.67E-12	
1	Grid	151.90230	106.70856	106.80000	-0.20262	106.78	0.0	-26.323E-6	526.46E-12	
1	Grid	153.89748	106.70856	106.80000	-0.17307	106.78	0.0	-25.635E-6	512.70E-12	
1	Grid	155.89266	106.70856	106.80000	-0.14747	106.78	0.0	-24.968E-6	499.37E-12	
1	Grid	157.88784	106.70856	106.80000	-0.12525	106.78	0.0	-24.322E-6	486.45E-12	
1	Grid	159.88302	106.70856	106.80000	-0.10593	106.78	0.0	-23.696E-6	473.92E-12	
1	Grid	161.87820	106.70856	106.80000	-0.08911	106.78	0.0	-23.089E-6	461.79E-12	
1	Grid	163.87338	106.70856	106.80000	-0.07444	106.78	0.0	-22.501E-6	450.03E-12	
1	Grid	165.86856	106.70856	106.80000	-0.06164	106.78	0.0	-21.931E-6	438.62E-12	
1	Grid	167.86374	106.70856	106.80000	-0.05046	106.78	0.0	-21.378E-6	427.57E-12	
1	Grid	169.85892	106.70856	106.80000	-0.04070	106.78	0.0	-20.843E-6	416.85E-12	
1	Grid	171.85410	106.70856	106.80000	-0.03216	106.78	0.0	-20.323E-6	406.46E-12	
1	Grid	173.84928	106.70856	106.80000	-0.02470	106.78	0.0	-19.819E-6	396.38E-12	
1	Grid	175.84446	106.70856	106.80000	-0.01819	106.78	0.0	-19.330E-6	386.61E-12	
1	Grid	177.83964	106.70856	106.80000	-0.01249	106.78	0.0	-18.856E-6	377.13E-12	
1	Grid	179.83482	106.70856	106.80000	-0.00752	106.78	0.0	-18.397E-6	367.93E-12	
1	Grid	181.83000	106.70856	106.80000	-0.00319	106.78	0.0	-17.951E-6	359.01E-12	
1	Grid	-95.50000	108.58331	106.80000	0.02442	106.78	-2.7518E-12	-66.174E-6	1.3235E-9	
1	Grid	-93.50482	108.58331	106.80000	0.02470	106.78	-2.8850E-12	-68.065E-6	1.3613E-9	
1	Grid	-91.50964	108.58331	106.80000	0.02497	106.78	-3.0262E-12	-70.002E-6	1.4000E-9	
1	Grid	-89.51446	108.58331	106.80000	0.02523	106.78	-3.1695E-12	-71.985E-6	1.4397E-9	
1	Grid	-87.51928	108.58331	106.80000	0.02549	106.78	-3.3220E-12	-74.014E-6	1.4803E-9	
1	Grid	-85.52410	108.58331	106.80000	0.02573	106.78	-3.4819E-12	-76.087E-6	1.5217E-9	
1	Grid	-83.52892	108.58331	106.80000	0.02597	106.78	-3.6424E-12	-78.205E-6	1.5641E-9	
1										



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	26.20597	108.58331	106.80000	-0.13775	106.78	-8.8496E-12	-132.67E-6	2.6534E-9
1	Grid	28.20115	108.58331	106.80000	-0.15881	106.78	-8.6118E-12	-130.53E-6	2.6107E-9
1	Grid	30.19633	108.58331	106.80000	-0.18246	106.78	-8.3680E-12	-128.33E-6	2.5666E-9
1	Grid	32.19151	108.58331	106.80000	-0.20899	106.78	-8.1202E-12	-126.07E-6	2.5214E-9
1	Grid	34.18669	108.58331	106.80000	-0.23875	106.78	-7.8697E-12	-123.76E-6	2.4751E-9
1	Grid	36.18187	108.58331	106.80000	-0.27210	106.78	-7.6192E-12	-121.40E-6	2.4280E-9
1	Grid	38.17705	108.58331	106.80000	-0.30947	106.78	-7.3674E-12	-119.01E-6	2.3801E-9
1	Grid	40.17223	108.58331	106.80000	-0.35131	106.78	-7.1170E-12	-116.58E-6	2.3317E-9
1	Grid	42.16741	108.58331	106.80000	-0.39815	106.78	-6.8672E-12	-114.14E-6	2.2828E-9
1	Grid	44.16259	108.58331	106.80000	-0.45057	106.78	-6.6207E-12	-111.68E-6	2.2337E-9
1	Grid	46.15777	108.58331	106.80000	-0.50920	106.78	-6.3736E-12	-109.22E-6	2.1844E-9
1	Grid	48.15295	108.58331	106.80000	-0.57479	106.78	-6.1331E-12	-106.75E-6	2.1350E-9
1	Grid	50.14813	108.58331	106.80000	-0.64816	106.78	-5.8960E-12	-104.29E-6	2.0857E-9
1	Grid	52.14331	108.58331	106.80000	-0.73029	106.78	-5.6655E-12	-101.83E-6	2.0366E-9
1	Grid	54.13849	108.58331	106.80000	-0.82231	106.78	-5.4383E-12	-99.390E-6	1.9878E-9
1	Grid	56.13367	108.58331	106.80000	-0.92554	106.78	-5.2158E-12	-96.966E-6	1.9393E-9
1	Grid	58.12885	108.58331	106.80000	-1.04162	106.78	-5.0000E-12	-94.565E-6	1.8913E-9
1	Grid	60.12403	108.58331	106.80000	-1.17252	106.78	-4.7915E-12	-92.189E-6	1.8438E-9
1	Grid	62.11921	108.58331	106.80000	-1.32076	106.78	-4.5877E-12	-89.843E-6	1.7969E-9
1	Grid	64.11439	108.58331	106.80000	-1.48953	106.78	-4.3912E-12	-87.530E-6	1.7506E-9
1	Grid	66.10957	108.58331	106.80000	-1.68308	106.78	-4.1993E-12	-85.251E-6	1.7050E-9
1	Grid	68.10475	108.58331	106.80000	-1.90717	106.78	-4.0175E-12	-83.009E-6	1.6602E-9
1	Grid	70.09993	108.58331	106.80000	-2.16992	106.78	-3.8363E-12	-80.806E-6	1.6161E-9
1	Grid	72.09511	108.58331	106.80000	-2.48343	106.78	-3.6677E-12	-78.644E-6	1.5729E-9
1	Grid	74.09029	108.58331	106.80000	-2.86704	106.78	-3.5019E-12	-76.525E-6	1.5305E-9
1	Grid	76.08547	108.58331	106.80000	-3.32551	106.78	-3.3433E-12	-74.448E-6	1.4890E-9
1	Grid	78.08065	108.58331	106.80000	-4.02022	106.78	-3.1908E-12	-72.417E-6	1.4483E-9
1	Grid	80.07583	108.58331	106.80000	-5.07213	106.78	-3.0456E-12	-70.430E-6	1.4086E-9
1	Grid	82.07101	108.58331	106.80000	-8.15559	106.78	-2.9057E-12	-68.489E-6	1.3698E-9
1	Grid	84.06619	108.58331	106.80000	-11.47693	106.78	-2.7731E-12	-66.594E-6	1.3319E-9
1	Grid	86.06137	108.58331	106.80000	-15.02427	106.78	-2.6439E-12	-64.744E-6	1.2949E-9
1	Grid	88.05655	108.58331	106.80000	-13.08922	106.78	-2.5213E-12	-62.943E-6	1.2589E-9
1	Grid	90.05173	108.58331	106.80000	-13.47823	106.78	-2.4034E-12	-61.187E-6	1.2237E-9
1	Grid	92.04691	108.58331	106.80000	-13.73028	106.78	-2.2948E-12	-59.476E-6	1.1895E-9
1	Grid	94.04209	108.58331	106.80000	-13.87720	106.78	-2.1863E-12	-57.810E-6	1.1562E-9
1	Grid	96.03727	108.58331	106.80000	-13.93817	106.78	-2.0823E-12	-56.190E-6	1.1238E-9
1	Grid	98.03245	108.58331	106.80000	-13.91083	106.78	-1.9864E-12	-54.614E-6	1.0923E-9
1	Grid	100.02763	108.58331	106.80000	-13.80692	106.78	-1.8938E-12	-53.082E-6	1.0616E-9
1	Grid	102.02281	108.58331	106.80000	-13.61966	106.78	-1.8079E-12	-51.594E-6	1.0319E-9
1	Grid	104.01799	108.58331	106.80000	-13.33876	106.78	-1.7200E-12	-50.147E-6	1.0029E-9
1	Grid	106.01317	108.58331	106.80000	-12.94231	106.78	-1.6414E-12	-48.742E-6	974.85E-12
1	Grid	108.00835	108.58331	106.80000	-12.38325	106.78	-1.5654E-12	-47.379E-6	947.57E-12
1	Grid	110.00353	108.58331	106.80000	-11.54092	106.78	-1.4908E-12	-46.055E-6	921.09E-12
1	Grid	111.99871	108.58331	106.80000	-9.92309	106.78	-1.4262E-12	-44.770E-6	895.40E-12
1	Grid	113.99389	108.58331	106.80000	-5.54660	106.78	-1.3576E-12	-43.523E-6	870.47E-12
1	Grid	115.98906	108.58331	106.80000	-2.81521	106.78	-1.2963E-12	-42.316E-6	846.28E-12
1	Grid	117.98424	108.58331	106.80000	-3.26133	106.78	-1.2343E-12	-41.141E-6	822.82E-12
1	Grid	119.97942	108.58331	106.80000	-2.66969	106.78	-1.1797E-12	-40.004E-6	800.07E-12
1	Grid	121.97460	108.58331	106.80000	-2.21197	106.78	-1.1271E-12	-38.901E-6	778.01E-12
1	Grid	123.96978	108.58331	106.80000	-1.84467	106.78	-1.0738E-12	-37.831E-6	756.63E-12
1	Grid	125.96496	108.58331	106.80000	-1.45696	106.78	-1.0245E-12	-36.795E-6	735.89E-12
1	Grid	127.96014	108.58331	106.80000	-1.29905	106.78	0.0	-35.790E-6	715.79E-12
1	Grid	129.95532	108.58331	106.80000	-1.09617	106.78	0.0	-34.816E-6	696.31E-12
1	Grid	131.95050	108.58331	106.80000	-0.92827	106.78	0.0	-33.871E-6	677.43E-12
1	Grid	133.94568	108.58331	106.80000	-0.78871	106.78	0.0	-32.956E-6	659.12E-12
1	Grid	135.94086	108.58331	106.80000	-0.67215	106.78	0.0	-32.069E-6	641.41E-12
1	Grid	137.93604	108.58331	106.80000	-0.57416	106.78	0.0	-31.210E-6	624.19E-12
1	Grid	139.93122	108.58331	106.80000	-0.49146	106.78	0.0	-30.377E-6	607.53E-12
1	Grid	141.92640	108.58331	106.80000	-0.42127	106.78	0.0	-29.569E-6	591.38E-12
1	Grid	143.92158	108.58331	106.80000	-0.36144	106.78	0.0	-28.787E-6	575.73E-12
1	Grid	145.91676	108.58331	106.80000	-0.31028	106.78	0.0	-28.028E-6	560.56E-12
1	Grid	147.91194	108.58331	106.80000	-0.26622	106.78	0.0	-27.293E-6	545.86E-12
1	Grid	149.90712	108.58331	106.80000	-0.22830	106.78	0.0	-26.581E-6	531.61E-12
1	Grid	151.90230	108.58331	106.80000	-0.19553	106.78	0.0	-25.890E-6	517.80E-12
1	Grid	153.89748	108.58331	106.80000	-0.16715	106.78	0.0	-25.221E-6	504.41E-12
1	Grid	155.89266	108.58331	106.80000	-0.14250	106.78	0.0	-24.572E-6	491.43E-12
1	Grid	157.88784	108.58331	106.80000	-0.12107	106.78	0.0	-23.942E-6	478.85E-12
1	Grid	159.88302	108.58331	106.80000	-0.10241	106.78	0.0	-23.332E-6	466.65E-12
1	Grid	161.87820	108.58331	106.80000	-0.08613	106.78	0.0	-22.741E-6	454.82E-12
1	Grid	163.87338	108.58331	106.80000	-0.07193	106.78	0.0	-22.167E-6	443.35E-12
1	Grid	165.86856	108.58331	106.80000	-0.05952	106.78	0.0	-21.611E-6	432.22E-12
1	Grid	167.86374	108.58331	106.80000	-0.04867	106.78	0.0	-21.072E-6	421.43E-12
1	Grid	169.85892	108.58331	106.80000	-0.03918	106.78	0.0	-20.548E-6	410.97E-12
1	Grid	171.85410	108.58331	106.80000	-0.03088	106.78	0.0	-20.041E-6	400.82E-12
1	Grid	173.84928	108.58331	106.80000	-0.02362	106.78	0.0	-19.548E-6	390.97E-12
1	Grid	175.84446	108.58331	106.80000	-0.01728	106.78	0.0	-19.071E-6	381.41E-12
1	Grid	177.83964	108.58331	106.80000	-0.01173	106.78	0.0	-18.607E-6	372.15E-12
1	Grid	179.83482	108.58331	106.80000	-0.00688	106.78	0.0	-18.157E-6	363.15E-12
1	Grid	181.83000	108.58331	106.80000	-0.00266	106.78	0.0	-17.721E-6	354.42E-12
1	Grid	-95.50000	110.45806	106.80000	0.02431	106.78	-2.6146E-12	-64.149E-6	1.2830E-9
1	Grid	-93.50482	110.45806	106.80000	0.02459	106.78	-2.7371E-12	-65.843E-6	1.3189E-9
1	Grid	-91.50964	110.45806	106.80000	0.02487	106.78	-2.8677E-12	-67.780E-6	1.3556E-9
1	Grid	-89.51446	110.45806	106.80000	0.02514	106.78	-3.0016E-12	-69.658E-6	1.3932E-9
1	Grid	-87.51928	110.45806	106.80000	0.02541	106.78	-3.1408E-12	-71.577E-6	1.4315E-9
1	Grid	-85.52410	110.45806	106.80000	0.02566	106.78	-3.2874E-12	-73.537E-6	1.4707E-9
1	Grid	-83.52892	110.45806	106.80000	0.02591	106.78	-3.4373E-12	-75.547E-6	1.5107E-9
1	Grid	-81.53374	110.45806	106.80000	0.02615	106.78	-3.5965E-12	-77.574E-6	1.5515E-9
1	Grid	-79.53856	110.45806	106.80000	0.02638	106.78	-3.7590E-12	-79.649E-6	1.5930E-9
1	Grid	-77.54338	110.45806	106.80000	0.02660	106.78	-3.9295E-12	-81.758E-6	1.6352E-9
1	Grid	-75.54820	110.45806	106.80000	0.02681	106.78	-4.1034E-12	-83.901E-6	1.6780E-9
1	Grid	-73.55302	110.45806	106.80000	0.02700	106.78	-4.2826E-12	-86.075E-6	1.7215E-9
1	Grid	-71.55784	110.45806	106.80000	0.02718	106.78	-4.4684E-12	-88.278E-6	1.7656E-9
1	Grid	-69.56266	110.45806	106.80000	0.02734	106.78	-4.6603E-12	-90.506E-6	1.8101E-9
1	Grid	-67.56748	110.45806	106.80000	0.02749	106.78	-4.8574E-12	-92.757E-6	1.8551E-9
1	Grid	-65.57230	110.45806	106.80000	0.02762	106.78	-5.0606E-12	-95.027E-6	1.9005E-9
1	Grid	-63.57712	110.45806	106.80000	0.02774	106.78	-5.2665E-12	-97.312E-6	1.9462E-9
1	Grid	-61.58194	110.45806	106.80000	0.02783	106.78	-5.4770E-12	-99.608E-6	1.9922E-9
1	Grid	-59.58676	110.45806	106.80000	0.02790	106.78	-5.6928E-12	-101.91E-6	2.0382E-9



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	6.25417	110.45806	106.80000	-0.01766	106.78	-9.7935E-12	-140.84E-6	2.8168E-9
1	Grid	8.24935	110.45806	106.80000	-0.02382	106.78	-9.6856E-12	-139.91E-6	2.7991E-9
1	Grid	10.24453	110.45806	106.80000	-0.03075	106.78	-9.5597E-12	-138.84E-6	2.7769E-9
1	Grid	12.23971	110.45806	106.80000	-0.03856	106.78	-9.4225E-12	-137.65E-6	2.7531E-9
1	Grid	14.23489	110.45806	106.80000	-0.04733	106.78	-9.2699E-12	-136.34E-6	2.7269E-9
1	Grid	16.23007	110.45806	106.80000	-0.05719	106.78	-9.1094E-12	-134.92E-6	2.6984E-9
1	Grid	18.22525	110.45806	106.80000	-0.06827	106.78	-8.9322E-12	-133.38E-6	2.6677E-9
1	Grid	20.22043	110.45806	106.80000	-0.08071	106.78	-8.7477E-12	-131.75E-6	2.6350E-9
1	Grid	22.21561	110.45806	106.80000	-0.09467	106.78	-8.5558E-12	-130.02E-6	2.6004E-9
1	Grid	24.21079	110.45806	106.80000	-0.11034	106.78	-8.3527E-12	-128.20E-6	2.5641E-9
1	Grid	26.20597	110.45806	106.80000	-0.12790	106.78	-8.1495E-12	-126.31E-6	2.5262E-9
1	Grid	28.20115	110.45806	106.80000	-0.14757	106.78	-7.9357E-12	-124.34E-6	2.4868E-9
1	Grid	30.19633	110.45806	106.80000	-0.16961	106.78	-7.7178E-12	-122.31E-6	2.4462E-9
1	Grid	32.19151	110.45806	106.80000	-0.19427	106.78	-7.4960E-12	-120.22E-6	2.4044E-9
1	Grid	34.18669	110.45806	106.80000	-0.22186	106.78	-7.2709E-12	-118.08E-6	2.3616E-9
1	Grid	36.18187	110.45806	106.80000	-0.25271	106.78	-7.0444E-12	-115.90E-6	2.3180E-9
1	Grid	38.17705	110.45806	106.80000	-0.28717	106.78	-6.8205E-12	-113.69E-6	2.2737E-9
1	Grid	40.17223	110.45806	106.80000	-0.32566	106.78	-6.5947E-12	-111.44E-6	2.2288E-9
1	Grid	42.16741	110.45806	106.80000	-0.36861	106.78	-6.3716E-12	-109.17E-6	2.1835E-9
1	Grid	44.16259	110.45806	106.80000	-0.41653	106.78	-6.1491E-12	-106.89E-6	2.1378E-9
1	Grid	46.15777	110.45806	106.80000	-0.46997	106.78	-5.9286E-12	-104.60E-6	2.0920E-9
1	Grid	48.15295	110.45806	106.80000	-0.52956	106.78	-5.7101E-12	-102.30E-6	2.0460E-9
1	Grid	50.14813	110.45806	106.80000	-0.59601	106.78	-5.4949E-12	-100.00E-6	2.0001E-9
1	Grid	52.14331	110.45806	106.80000	-0.67013	106.78	-5.2864E-12	-97.714E-6	1.9543E-9
1	Grid	54.13849	110.45806	106.80000	-0.75288	106.78	-5.0793E-12	-95.433E-6	1.9087E-9
1	Grid	56.13367	110.45806	106.80000	-0.84369	106.78	-4.8788E-12	-93.167E-6	1.8633E-9
1	Grid	58.12885	110.45806	106.80000	-0.94890	106.78	-4.6823E-12	-90.920E-6	1.8184E-9
1	Grid	60.12403	110.45806	106.80000	-1.06513	106.78	-4.4897E-12	-88.694E-6	1.7739E-9
1	Grid	62.11921	110.45806	106.80000	-1.19605	106.78	-4.3039E-12	-86.493E-6	1.7299E-9
1	Grid	64.11439	110.45806	106.80000	-1.34420	106.78	-4.1227E-12	-84.320E-6	1.6864E-9
1	Grid	66.10957	110.45806	106.80000	-1.51285	106.78	-3.9495E-12	-82.178E-6	1.6436E-9
1	Grid	68.10475	110.45806	106.80000	-1.70635	106.78	-3.7796E-12	-80.068E-6	1.6014E-9
1	Grid	70.09993	110.45806	106.80000	-1.93064	106.78	-3.6164E-12	-77.993E-6	1.5599E-9
1	Grid	72.09511	110.45806	106.80000	-2.19423	106.78	-3.4579E-12	-75.954E-6	1.5191E-9
1	Grid	74.09029	110.45806	106.80000	-2.50988	106.78	-3.3080E-12	-73.953E-6	1.4791E-9
1	Grid	76.08547	110.45806	106.80000	-2.86934	106.78	-3.1601E-12	-71.991E-6	1.4398E-9
1	Grid	78.08065	110.45806	106.80000	-3.39738	106.78	-3.0209E-12	-70.069E-6	1.4014E-9
1	Grid	80.07583	110.45806	106.80000	-4.08996	106.78	-2.8844E-12	-68.187E-6	1.3637E-9
1	Grid	82.07101	110.45806	106.80000	-5.23474	106.78	-2.7578E-12	-66.348E-6	1.3269E-9
1	Grid	84.06619	110.45806	106.80000	-9.33545	106.78	-2.6332E-12	-64.549E-6	1.2910E-9
1	Grid	86.06137	110.45806	106.80000	-11.57117	106.78	-2.5113E-12	-62.794E-6	1.2559E-9
1	Grid	88.05655	110.45806	106.80000	-12.46823	106.78	-2.3967E-12	-61.080E-6	1.2216E-9
1	Grid	90.05173	110.45806	106.80000	-12.99474	106.78	-2.2875E-12	-59.408E-6	1.1882E-9
1	Grid	92.04691	110.45806	106.80000	-13.32202	106.78	-2.1849E-12	-57.779E-6	1.1556E-9
1	Grid	94.04209	110.45806	106.80000	-13.51038	106.78	-2.0870E-12	-56.191E-6	1.1238E-9
1	Grid	96.03727	110.45806	106.80000	-13.58524	106.78	-1.9884E-12	-54.645E-6	1.0929E-9
1	Grid	98.03245	110.45806	106.80000	-13.56096	106.78	-1.8965E-12	-53.140E-6	1.0628E-9
1	Grid	100.02763	110.45806	106.80000	-13.43657	106.78	-1.8119E-12	-51.676E-6	1.0335E-9
1	Grid	102.02281	110.45806	106.80000	-13.20613	106.78	-1.7306E-12	-50.252E-6	1.0050E-9
1	Grid	104.01799	110.45806	106.80000	-12.84972	106.78	-1.6493E-12	-48.867E-6	9.77.34E-12
1	Grid	106.01317	110.45806	106.80000	-12.32049	106.78	-1.5714E-12	-47.521E-6	9.50.42E-12
1	Grid	108.00835	110.45806	106.80000	-11.49325	106.78	-1.5015E-12	-46.213E-6	9.24.26E-12
1	Grid	110.00353	110.45806	106.80000	-9.83354	106.78	-1.4355E-12	-44.943E-6	8.98.85E-12
1	Grid	111.99871	110.45806	106.80000	-5.50595	106.78	-1.3676E-12	-43.709E-6	8.74.17E-12
1	Grid	113.99389	110.45806	106.80000	-4.12060	106.78	-1.3063E-12	-42.510E-6	8.50.21E-12
1	Grid	115.98906	110.45806	106.80000	-3.32145	106.78	-1.2477E-12	-41.347E-6	8.26.94E-12
1	Grid	117.98424	110.45806	106.80000	-2.74976	106.78	-1.1904E-12	-40.218E-6	8.04.36E-12
1	Grid	119.97942	110.45806	106.80000	-2.30462	106.78	-1.1344E-12	-39.123E-6	7.82.45E-12
1	Grid	121.97460	110.45806	106.80000	-1.94379	106.78	-1.0851E-12	-38.059E-6	7.61.19E-12
1	Grid	123.96978	110.45806	106.80000	-1.64533	106.78	-1.0365E-12	-37.028E-6	7.40.56E-12
1	Grid	125.96496	110.45806	106.80000	-1.39602	106.78	-0.9884E-12	-36.027E-6	7.20.55E-12
1	Grid	127.96014	110.45806	106.80000	-1.18698	106.78	0.0	-35.057E-6	7.01.13E-12
1	Grid	129.95532	110.45806	106.80000	-1.01123	106.78	0.0	-34.115E-6	6.82.31E-12
1	Grid	131.95050	110.45806	106.80000	-0.86323	106.78	0.0	-33.202E-6	6.64.05E-12
1	Grid	133.94568	110.45806	106.80000	-0.73833	106.78	0.0	-32.317E-6	6.46.34E-12
1	Grid	135.94086	110.45806	106.80000	-0.63263	106.78	0.0	-31.459E-6	6.29.16E-12
1	Grid	137.93604	110.45806	106.80000	-0.54287	106.78	0.0	-30.625E-6	6.12.51E-12
1	Grid	139.93122	110.45806	106.80000	-0.46640	106.78	0.0	-29.818E-6	5.96.36E-12
1	Grid	141.92640	110.45806	106.80000	-0.40102	106.78	0.0	-29.035E-6	5.80.70E-12
1	Grid	143.92158	110.45806	106.80000	-0.34493	106.78	0.0	-28.276E-6	5.65.51E-12
1	Grid	145.91676	110.45806	106.80000	-0.29668	106.78	0.0	-27.539E-6	5.50.78E-12
1	Grid	147.91194	110.45806	106.80000	-0.25504	106.78	0.0	-26.825E-6	5.36.50E-12
1	Grid	149.90712	110.45806	106.80000	-0.21902	106.78	0.0	-26.133E-6	5.22.65E-12
1	Grid	151.90230	110.45806	106.80000	-0.18780	106.78	0.0	-25.461E-6	5.09.22E-12
1	Grid	153.89748	110.45806	106.80000	-0.16067	106.78	0.0	-24.810E-6	4.96.20E-12
1	Grid	155.89266	110.45806	106.80000	-0.13707	106.78	0.0	-24.181E-6	4.83.57E-12
1	Grid	157.88784	110.45806	106.80000	-0.11650	106.78	0.0	-23.566E-6	4.71.31E-12
1	Grid	159.88302	110.45806	106.80000	-0.09855	106.78	0.0	-22.971E-6	4.59.43E-12
1	Grid	161.87820	110.45806	106.80000	-0.08287	106.78	0.0	-22.395E-6	4.47.90E-12
1	Grid	163.87338	110.45806	106.80000	-0.06917	106.78	0.0	-21.836E-6	4.36.71E-12
1	Grid	165.86856	110.45806	106.80000	-0.05738	106.78	0.0	-21.293E-6	4.25.86E-12
1	Grid	167.86374	110.45806	106.80000	-0.04669	106.78	0.0	-20.767E-6	4.15.34E-12
1	Grid	169.85892	110.45806	106.80000	-0.03751	106.78	0.0	-20.256E-6	4.05.12E-12
1	Grid	171.85410	110.45806	106.80000	-0.02947	106.78	0.0	-19.760E-6	3.95.21E-12
1	Grid	173.84928	110.45806	106.80000	-0.02243	106.78	0.0	-19.279E-6	3.85.59E-12
1	Grid	175.84446	110.45806	106.80000	-0.01627	106.78	0.0	-18.812E-6	3.76.25E-12
1	Grid	177.83964	110.45806	106.80000	-0.01088	106.78	0.0	-18.359E-6	3.67.18E-12
1	Grid	179.83482	110.45806	106.80000	-0.00618	106.78	0.0	-17.919E-6	3.58.39E-12
1	Grid	181.83000	110.45806	106.80000	-0.00207	106.78	0.0	-17.492E-6	3.49.84E-12
1	Grid	-95.50000	112.33281	106.80000	0.02418	106.78	-2.4820E-12	-62.192E-6	1.2438E-9
1	Grid	-93.50518	112.33281	106.80000	0.02447	106.78	-2.5398E-12	-63.895E-6	1.2779E-9
1	Grid	-91.50964	112.33281	106.80000	0.02476	106.78	-2.7145E-12	-65.637E-6	1.3127E-9
1	Grid	-89.51446	112.33281	106.80000	0.02504	106.78	-2.8404E-12	-67.416E-6	1.3483E-9
1	Grid	-87.51928	112.33281	106.80000	0.02531	106.78	-2.9683E-12	-69.232E-6	1.3846E-9
1	Grid	-85.52410	112.33281	106.80000	0.02558	106.78	-3.1055E-12	-71.085E-6	1.4217E-9
1	Grid	-83.52892	112.33281	106.80000	0.02584	106.78	-3.2454E-12	-72.974E-6	1.4595E-9
1	Grid	-81.53374	112.33281	106.80000	0.02609	106.78	-3.3906E-12	-74.896E-6	1.4979E-9
1	Grid	-79.53856	112.33281	106.80000	0.02633	106.78	-3.5398E-12	-76	



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	-15.69763	112.33281	106.80000	0.01743	106.78	-9.1227E-12	-134.96E-6	2.6992E-9
1	Grid	-11.70245	112.33281	106.80000	0.01568	106.78	-9.1760E-12	-135.45E-6	2.7089E-9
1	Grid	-9.70727	112.33281	106.80000	0.01370	106.78	-9.2146E-12	-135.80E-6	2.7159E-9
1	Grid	-7.71209	112.33281	106.80000	0.01147	106.78	-9.2399E-12	-136.01E-6	2.7202E-9
1	Grid	-5.71691	112.33281	106.80000	0.00894	106.78	-9.2486E-12	-136.09E-6	2.7218E-9
1	Grid	-3.72173	112.33281	106.80000	0.00608	106.78	-9.2406E-12	-136.03E-6	2.7206E-9
1	Grid	-1.72655	112.33281	106.80000	0.00286	106.78	-9.2166E-12	-135.83E-6	2.7166E-9
1	Grid	0.26863	112.33281	106.80000	-0.00078	106.78	-9.1773E-12	-135.50E-6	2.7100E-9
1	Grid	2.26381	112.33281	106.80000	-0.00488	106.78	-9.1254E-12	-135.03E-6	2.7006E-9
1	Grid	4.25899	112.33281	106.80000	-0.00949	106.78	-9.0528E-12	-134.43E-6	2.6886E-9
1	Grid	6.25417	112.33281	106.80000	-0.01468	106.78	-8.9715E-12	-133.70E-6	2.6741E-9
1	Grid	8.24935	112.33281	106.80000	-0.02053	106.78	-8.8742E-12	-132.85E-6	2.6570E-9
1	Grid	10.24453	112.33281	106.80000	-0.02709	106.78	-8.7657E-12	-131.87E-6	2.6375E-9
1	Grid	12.23971	112.33281	106.80000	-0.03447	106.78	-8.6424E-12	-130.78E-6	2.6157E-9
1	Grid	14.23489	112.33281	106.80000	-0.04276	106.78	-8.5099E-12	-129.58E-6	2.5916E-9
1	Grid	16.23007	112.33281	106.80000	-0.05206	106.78	-8.3653E-12	-128.27E-6	2.5654E-9
1	Grid	18.22525	112.33281	106.80000	-0.06249	106.78	-8.2088E-12	-126.86E-6	2.5372E-9
1	Grid	20.22043	112.33281	106.80000	-0.07418	106.78	-8.0449E-12	-125.35E-6	2.5071E-9
1	Grid	22.21561	112.33281	106.80000	-0.08728	106.78	-7.8730E-12	-123.76E-6	2.4753E-9
1	Grid	24.21079	112.33281	106.80000	-0.10195	106.78	-7.6945E-12	-122.09E-6	2.4418E-9
1	Grid	26.20597	112.33281	106.80000	-0.11836	106.78	-7.5093E-12	-120.34E-6	2.4068E-9
1	Grid	28.20115	112.33281	106.80000	-0.13670	106.78	-7.3188E-12	-118.53E-6	2.3705E-9
1	Grid	30.19633	112.33281	106.80000	-0.15721	106.78	-7.1263E-12	-116.65E-6	2.3330E-9
1	Grid	32.19151	112.33281	106.80000	-0.18010	106.78	-6.9271E-12	-114.72E-6	2.2944E-9
1	Grid	34.18669	112.33281	106.80000	-0.20565	106.78	-6.7260E-12	-112.74E-6	2.2548E-9
1	Grid	36.18187	112.33281	106.80000	-0.23418	106.78	-6.5241E-12	-110.72E-6	2.2144E-9
1	Grid	38.17705	112.33281	106.80000	-0.26589	106.78	-6.3223E-12	-108.67E-6	2.1733E-9
1	Grid	40.17223	112.33281	106.80000	-0.30125	106.78	-6.1204E-12	-106.58E-6	2.1317E-9
1	Grid	42.16741	112.33281	106.80000	-0.34060	106.78	-5.9173E-12	-104.48E-6	2.0896E-9
1	Grid	44.16259	112.33281	106.80000	-0.38439	106.78	-5.7168E-12	-102.36E-6	2.0471E-9
1	Grid	46.15777	112.33281	106.80000	-0.43308	106.78	-5.5169E-12	-100.22E-6	2.0044E-9
1	Grid	48.15295	112.33281	106.80000	-0.48721	106.78	-5.3204E-12	-98.082E-6	1.9616E-9
1	Grid	50.14813	112.33281	106.80000	-0.54738	106.78	-5.1246E-12	-95.940E-6	1.9188E-9
1	Grid	52.14331	112.33281	106.80000	-0.61429	106.78	-4.9327E-12	-93.801E-6	1.8760E-9
1	Grid	54.13849	112.33281	106.80000	-0.68873	106.78	-4.7489E-12	-91.670E-6	1.8334E-9
1	Grid	56.13367	112.33281	106.80000	-0.77162	106.78	-4.5643E-12	-89.550E-6	1.7910E-9
1	Grid	58.12885	112.33281	106.80000	-0.86407	106.78	-4.3858E-12	-87.445E-6	1.7489E-9
1	Grid	60.12403	112.33281	106.80000	-0.96740	106.78	-4.2093E-12	-85.358E-6	1.7072E-9
1	Grid	62.11921	112.33281	106.80000	-1.08322	106.78	-4.0388E-12	-83.293E-6	1.6659E-9
1	Grid	64.11439	112.33281	106.80000	-1.21354	106.78	-3.8736E-12	-81.251E-6	1.6250E-9
1	Grid	66.10957	112.33281	106.80000	-1.35893	106.78	-3.7177E-12	-79.236E-6	1.5847E-9
1	Grid	68.10475	112.33281	106.80000	-1.52870	106.78	-3.5592E-12	-77.250E-6	1.5450E-9
1	Grid	70.09993	112.33281	106.80000	-1.72128	106.78	-3.4099E-12	-75.294E-6	1.5059E-9
1	Grid	72.09511	112.33281	106.80000	-1.94481	106.78	-3.2647E-12	-73.370E-6	1.4674E-9
1	Grid	74.09029	112.33281	106.80000	-2.20810	106.78	-3.1255E-12	-71.480E-6	1.4296E-9
1	Grid	76.08547	112.33281	106.80000	-2.50649	106.78	-2.9899E-12	-69.625E-6	1.3925E-9
1	Grid	78.08065	112.33281	106.80000	-2.91654	106.78	-2.8570E-12	-67.807E-6	1.3561E-9
1	Grid	80.07583	112.33281	106.80000	-3.42554	106.78	-2.7325E-12	-66.025E-6	1.3205E-9
1	Grid	82.07101	112.33281	106.80000	-4.14703	106.78	-2.6119E-12	-64.280E-6	1.2856E-9
1	Grid	84.06619	112.33281	106.80000	-5.04629	106.78	-2.4973E-12	-62.574E-6	1.2515E-9
1	Grid	86.06137	112.33281	106.80000	-6.13508	106.78	-2.3861E-12	-60.906E-6	1.2181E-9
1	Grid	88.05655	112.33281	106.80000	-7.42052	106.78	-2.2822E-12	-59.276E-6	1.1855E-9
1	Grid	90.05173	112.33281	106.80000	-8.91363	106.78	-2.1796E-12	-57.686E-6	1.1537E-9
1	Grid	92.04691	112.33281	106.80000	-10.62837	106.78	-2.0810E-12	-56.134E-6	1.1227E-9
1	Grid	94.04209	112.33281	106.80000	-12.57550	106.78	-1.9877E-12	-54.620E-6	1.0924E-9
1	Grid	96.03727	112.33281	106.80000	-14.76181	106.78	-1.8991E-12	-53.145E-6	1.0629E-9
1	Grid	98.03245	112.33281	106.80000	-17.19367	106.78	-1.8139E-12	-51.707E-6	1.0341E-9
1	Grid	100.02763	112.33281	106.80000	-20.88506	106.78	-1.7339E-12	-50.308E-6	1.0062E-9
1	Grid	102.02281	112.33281	106.80000	-25.94349	106.78	-1.6540E-12	-48.945E-6	978.90E-12
1	Grid	104.01799	112.33281	106.80000	-32.49420	106.78	-1.5787E-12	-47.619E-6	952.39E-12
1	Grid	106.01317	112.33281	106.80000	-40.65338	106.78	-1.5095E-12	-46.330E-6	926.59E-12
1	Grid	108.00835	112.33281	106.80000	-50.54848	106.78	-1.4402E-12	-45.075E-6	901.51E-12
1	Grid	110.00353	112.33281	106.80000	-63.32200	106.78	-1.3762E-12	-43.856E-6	877.12E-12
1	Grid	111.99871	112.33281	106.80000	-79.10519	106.78	-1.3143E-12	-42.671E-6	853.42E-12
1	Grid	113.99389	112.33281	106.80000	-99.03914	106.78	-1.2543E-12	-41.519E-6	830.39E-12
1	Grid	115.98906	112.33281	106.80000	-125.18958	106.78	-1.1970E-12	-40.401E-6	808.01E-12
1	Grid	117.98424	112.33281	106.80000	-159.62027	106.78	-1.1451E-12	-39.314E-6	786.28E-12
1	Grid	119.97942	112.33281	106.80000	-202.50122	106.78	-1.0945E-12	-38.259E-6	765.17E-12
1	Grid	121.97460	112.33281	106.80000	-254.71810	106.78	-1.0452E-12	-37.234E-6	744.68E-12
1	Grid	123.96978	112.33281	106.80000	-321.47127	106.78	0.0	-36.239E-6	724.78E-12
1	Grid	125.96496	112.33281	106.80000	-405.26340	106.78	0.0	-35.274E-6	705.47E-12
1	Grid	127.96014	112.33281	106.80000	-510.8249	106.78	0.0	-34.336E-6	686.73E-12
1	Grid	129.95532	112.33281	106.80000	-639.92979	106.78	0.0	-33.427E-6	668.53E-12
1	Grid	131.95050	112.33281	106.80000	-799.938	106.78	0.0	-32.544E-6	650.88E-12
1	Grid	133.94568	112.33281	106.80000	-999.947	106.78	0.0	-31.687E-6	633.74E-12
1	Grid	135.94086	112.33281	106.80000	-1259.956	106.78	0.0	-30.856E-6	617.12E-12
1	Grid	137.93604	112.33281	106.80000	-1599.965	106.78	0.0	-30.049E-6	600.99E-12
1	Grid	139.93122	112.33281	106.80000	-2039.974	106.78	0.0	-29.267E-6	585.34E-12
1	Grid	141.92640	112.33281	106.80000	-2579.983	106.78	0.0	-28.507E-6	570.15E-12
1	Grid	143.92158	112.33281	106.80000	-3219.992	106.78	0.0	-27.771E-6	555.42E-12
1	Grid	145.91676	112.33281	106.80000	-3959.001	106.78	0.0	-27.056E-6	541.12E-12
1	Grid	147.91194	112.33281	106.80000	-4899.010	106.78	0.0	-26.363E-6	527.25E-12
1	Grid	149.90712	112.33281	106.80000	-6039.019	106.78	0.0	-25.690E-6	513.79E-12
1	Grid	151.90230	112.33281	106.80000	-7479.028	106.78	0.0	-25.037E-6	500.74E-12
1	Grid	153.89748	112.33281	106.80000	-9219.037	106.78	0.0	-24.403E-6	488.07E-12
1	Grid	155.89266	112.33281	106.80000	-11259.046	106.78	0.0	-23.789E-6	475.78E-12
1	Grid	157.88784	112.33281	106.80000	-13599.055	106.78	0.0	-23.192E-6	463.85E-12
1	Grid	159.88302	112.33281	106.80000	-16239.064	106.78	0.0	-22.614E-6	452.27E-12
1	Grid	161.87820	112.33281	106.80000	-19279.073	106.78	0.0	-22.052E-6	441.04E-12
1	Grid	163.87338	112.33281	106.80000	-22719.082	106.78	0.0	-21.507E-6	430.14E-12
1	Grid	165.86856	112.33281	106.80000	-27559.091	106.78	0.0	-20.978E-6	419.53E-12
1	Grid	167.86374	112.33281	106.80000	-33799.100	106.78	0.0	-20.464E-6	409.28E-12
1	Grid	169.85892	112.33281	106.80000	-41539.109	106.78	0.0	-19.966E-6	399.31E-12
1	Grid	171.85410	112.33281	106.80000	-50779.118	106.78	0.0	-19.482E-6	389.63E-12
1	Grid	173.84928	112.33281	106.80000	-61519.127	106.78	0.0	-19.012E-6	380.23E-12
1	Grid	175.84446	112.33281	106.80000	-73859.136	106.78	0.0	-18.555E-6	371.11E-12
1	Grid	177.83964	112.33281	106.80000	-88699.145	106.78	0.0	-18.112E-6	362.25E-12
1	Grid	179.83482	112.33281	106.80000	-106039.154	106.78	0.0		

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.	
						3244			
						Drg. Ref.			
						Made by AC	Date	Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[MOD]	[mm]	[MOD]	[kN/m²]	[kN/m²]	[µ]
1	Grid	-33.64942	114.20755	106.80000	0.02709	106.78	-7.2489E-12	-117.68E-6	2.3535E-9
1	Grid	-31.65424	114.20755	106.80000	0.02669	106.78	-7.4021E-12	-119.16E-6	2.3832E-9
1	Grid	-29.65906	114.20755	106.80000	0.02622	106.78	-7.5453E-12	-120.56E-6	2.4112E-9
1	Grid	-27.66388	114.20755	106.80000	0.02567	106.78	-7.6852E-12	-121.87E-6	2.4374E-9
1	Grid	-25.66871	114.20755	106.80000	0.02502	106.78	-7.8151E-12	-123.09E-6	2.4618E-9
1	Grid	-23.67353	114.20755	106.80000	0.02428	106.78	-7.9337E-12	-124.21E-6	2.4843E-9
1	Grid	-21.67835	114.20755	106.80000	0.02342	106.78	-8.0449E-12	-125.23E-6	2.5046E-9
1	Grid	-19.68317	114.20755	106.80000	0.02244	106.78	-8.1388E-12	-126.14E-6	2.5229E-9
1	Grid	-17.68799	114.20755	106.80000	0.02132	106.78	-8.2288E-12	-126.94E-6	2.5389E-9
1	Grid	-15.69281	114.20755	106.80000	0.02004	106.78	-8.3040E-12	-127.63E-6	2.5526E-9
1	Grid	-13.69763	114.20755	106.80000	0.01859	106.78	-8.3646E-12	-128.20E-6	2.5639E-9
1	Grid	-11.70245	114.20755	106.80000	0.01693	106.78	-8.4126E-12	-128.64E-6	2.5728E-9
1	Grid	-9.70727	114.20755	106.80000	0.01506	106.78	-8.4452E-12	-128.96E-6	2.5793E-9
1	Grid	-7.71209	114.20755	106.80000	0.01294	106.78	-8.4679E-12	-129.16E-6	2.5832E-9
1	Grid	-5.71691	114.20755	106.80000	0.01054	106.78	-8.4752E-12	-129.23E-6	2.5846E-9
1	Grid	-3.72173	114.20755	106.80000	0.00783	106.78	-8.4686E-12	-129.18E-6	2.5835E-9
1	Grid	-1.72655	114.20755	106.80000	0.00477	106.78	-8.4479E-12	-129.00E-6	2.5799E-9
1	Grid	0.26863	114.20755	106.80000	0.00132	106.78	-8.4153E-12	-128.69E-6	2.5738E-9
1	Grid	2.26381	114.20755	106.80000	-0.00256	106.78	-8.3666E-12	-128.26E-6	2.5653E-9
1	Grid	4.25899	114.20755	106.80000	-0.00693	106.78	-8.3067E-12	-127.71E-6	2.5543E-9
1	Grid	6.25417	114.20755	106.80000	-0.01185	106.78	-8.2301E-12	-127.04E-6	2.5409E-9
1	Grid	8.24935	114.20755	106.80000	-0.01737	106.78	-8.1468E-12	-126.26E-6	2.5252E-9
1	Grid	10.24453	114.20755	106.80000	-0.02358	106.78	-8.0476E-12	-125.36E-6	2.5073E-9
1	Grid	12.23971	114.20755	106.80000	-0.03054	106.78	-7.9383E-12	-124.36E-6	2.4872E-9
1	Grid	14.23489	114.20755	106.80000	-0.03835	106.78	-7.8197E-12	-123.25E-6	2.4651E-9
1	Grid	16.23007	114.20755	106.80000	-0.04711	106.78	-7.6885E-12	-122.05E-6	2.4410E-9
1	Grid	18.22525	114.20755	106.80000	-0.05691	106.78	-7.5546E-12	-120.75E-6	2.4150E-9
1	Grid	20.22043	114.20755	106.80000	-0.06788	106.78	-7.4107E-12	-119.36E-6	2.3873E-9
1	Grid	22.21561	114.20755	106.80000	-0.08014	106.78	-7.2542E-12	-117.90E-6	2.3579E-9
1	Grid	24.21079	114.20755	106.80000	-0.09385	106.78	-7.0950E-12	-116.35E-6	2.3271E-9
1	Grid	26.20597	114.20755	106.80000	-0.10915	106.78	-6.9311E-12	-114.74E-6	2.2948E-9
1	Grid	28.20115	114.20755	106.80000	-0.12623	106.78	-6.7593E-12	-113.06E-6	2.2612E-9
1	Grid	30.19633	114.20755	106.80000	-0.14528	106.78	-6.5881E-12	-111.33E-6	2.2265E-9
1	Grid	32.19151	114.20755	106.80000	-0.16649	106.78	-6.4102E-12	-109.54E-6	2.1908E-9
1	Grid	34.18669	114.20755	106.80000	-0.19012	106.78	-6.2303E-12	-107.71E-6	2.1542E-9
1	Grid	36.18187	114.20755	106.80000	-0.21640	106.78	-6.0478E-12	-105.84E-6	2.1167E-9
1	Grid	38.17705	114.20755	106.80000	-0.24561	106.78	-5.8640E-12	-103.93E-6	2.0786E-9
1	Grid	40.17223	114.20755	106.80000	-0.27807	106.78	-5.6821E-12	-101.99E-6	2.0399E-9
1	Grid	42.16741	114.20755	106.80000	-0.31410	106.78	-5.5023E-12	-100.04E-6	2.0007E-9
1	Grid	44.16259	114.20755	106.80000	-0.35408	106.78	-5.3177E-12	-98.062E-6	1.9612E-9
1	Grid	46.15777	114.20755	106.80000	-0.39842	106.78	-5.1386E-12	-96.075E-6	1.9215E-9
1	Grid	48.15295	114.20755	106.80000	-0.44757	106.78	-4.9580E-12	-94.079E-6	1.8816E-9
1	Grid	50.14813	114.20755	106.80000	-0.50205	106.78	-4.7835E-12	-92.080E-6	1.8416E-9
1	Grid	52.14331	114.20755	106.80000	-0.56245	106.78	-4.6096E-12	-90.082E-6	1.8016E-9
1	Grid	54.13849	114.20755	106.80000	-0.62942	106.78	-4.4378E-12	-88.089E-6	1.7618E-9
1	Grid	56.13367	114.20755	106.80000	-0.70375	106.78	-4.2732E-12	-86.104E-6	1.7221E-9
1	Grid	58.12885	114.20755	106.80000	-0.78633	106.78	-4.1080E-12	-84.132E-6	1.6826E-9
1	Grid	60.12403	114.20755	106.80000	-0.87826	106.78	-3.9502E-12	-82.174E-6	1.6435E-9
1	Grid	62.11921	114.20755	106.80000	-0.98082	106.78	-3.7936E-12	-80.234E-6	1.6047E-9
1	Grid	64.11439	114.20755	106.80000	-1.09562	106.78	-3.6404E-12	-78.315E-6	1.5663E-9
1	Grid	66.10957	114.20755	106.80000	-1.22467	106.78	-3.4959E-12	-76.419E-6	1.5284E-9
1	Grid	68.10475	114.20755	106.80000	-1.37052	106.78	-3.3513E-12	-74.548E-6	1.4910E-9
1	Grid	70.09993	114.20755	106.80000	-1.53650	106.78	-3.2141E-12	-72.704E-6	1.4541E-9
1	Grid	72.09511	114.20755	106.80000	-1.72711	106.78	-3.0809E-12	-70.889E-6	1.4178E-9
1	Grid	74.09029	114.20755	106.80000	-1.94860	106.78	-2.9530E-12	-69.104E-6	1.3821E-9
1	Grid	76.08547	114.20755	106.80000	-2.21007	106.78	-2.8251E-12	-67.350E-6	1.3470E-9
1	Grid	78.08065	114.20755	106.80000	-2.52558	106.78	-2.7045E-12	-65.628E-6	1.3126E-9
1	Grid	80.07583	114.20755	106.80000	-2.91893	106.78	-2.5899E-12	-63.940E-6	1.2788E-9
1	Grid	82.07101	114.20755	106.80000	-3.43598	106.78	-2.4780E-12	-62.285E-6	1.2457E-9
1	Grid	84.06619	114.20755	106.80000	-4.18725	106.78	-2.3688E-12	-60.665E-6	1.2133E-9
1	Grid	86.06137	114.20755	106.80000	-5.19197	106.78	-2.2675E-12	-59.081E-6	1.1816E-9
1	Grid	88.05655	114.20755	106.80000	-10.09365	106.78	-2.1683E-12	-57.531E-6	1.1506E-9
1	Grid	90.05173	114.20755	106.80000	-11.55493	106.78	-2.0737E-12	-56.017E-6	1.1203E-9
1	Grid	92.04691	114.20755	106.80000	-12.21398	106.78	-1.9824E-12	-54.538E-6	1.0908E-9
1	Grid	94.04209	114.20755	106.80000	-12.55322	106.78	-1.8938E-12	-53.095E-6	1.0619E-9
1	Grid	96.03727	114.20755	106.80000	-12.68196	106.78	-1.8119E-12	-51.687E-6	1.0337E-9
1	Grid	98.03245	114.20755	106.80000	-12.64053	106.78	-1.7293E-12	-50.315E-6	1.0063E-9
1	Grid	100.02763	114.20755	106.80000	-12.42256	106.78	-1.6540E-12	-48.977E-6	979.53E-12
1	Grid	102.02281	114.20755	106.80000	-11.99237	106.78	-1.5827E-12	-47.673E-6	953.46E-12
1	Grid	104.01799	114.20755	106.80000	-11.22028	106.78	-1.5121E-12	-46.404E-6	928.07E-12
1	Grid	106.01317	114.20755	106.80000	-9.47274	106.78	-1.4442E-12	-45.168E-6	903.36E-12
1	Grid	108.00835	114.20755	106.80000	-5.29528	106.78	-1.3816E-12	-43.965E-6	879.30E-12
1	Grid	110.00353	114.20755	106.80000	-4.04827	106.78	-1.3196E-12	-42.795E-6	855.90E-12
1	Grid	111.99871	114.20755	106.80000	-3.31806	106.78	-1.2630E-12	-41.657E-6	833.14E-12
1	Grid	113.99388	114.20755	106.80000	-2.79343	106.78	-1.2064E-12	-40.550E-6	811.00E-12
1	Grid	115.98906	114.20755	106.80000	-2.38274	106.78	-1.1544E-12	-39.474E-6	789.48E-12
1	Grid	117.98424	114.20755	106.80000	-2.04658	106.78	-1.1038E-12	-38.4148E-6	768.78E-12
1	Grid	119.97942	114.20755	106.80000	-1.76437	106.78	-1.0532E-12	-37.412E-6	748.24E-12
1	Grid	121.97460	114.20755	106.80000	-1.52395	106.78	-1.0072E-12	-36.425E-6	728.49E-12
1	Grid	123.96978	114.20755	106.80000	-1.31745	106.78	0.0	-35.465E-6	709.31E-12
1	Grid	125.96496	114.20755	106.80000	-1.13935	106.78	0.0	-34.533E-6	690.67E-12
1	Grid	127.96014	114.20755	106.80000	-0.98549	106.78	0.0	-33.623E-6	672.07E-12
1	Grid	129.95532	114.20755	106.80000	-0.85252	106.78	0.0	-32.749E-6	654.99E-12
1	Grid	131.95050	114.20755	106.80000	-0.73761	106.78	0.0	-31.896E-6	637.92E-12
1	Grid	133.94568	114.20755	106.80000	-0.63830	106.78	0.0	-31.067E-6	621.35E-12
1	Grid	135.94086	114.20755	106.80000	-0.55244	106.78	0.0	-30.263E-6	605.26E-12
1	Grid	137.93604	114.20755	106.80000	-0.47815	106.78	0.0	-29.482E-6	589.53E-12
1	Grid	139.93122	114.20755	106.80000	-0.41381	106.78	0.0	-28.723E-6	574.47E-12
1	Grid	141.92640	114.20755	106.80000	-0.35802	106.78	0.0	-27.987E-6	559.74E-12
1	Grid	143.92158	114.20755	106.80000	-0.30957	106.78	0.0	-27.273E-6	545.45E-12
1	Grid	145.91676	114.20755	106.80000	-0.26844	106.78	0.0	-26.579E-6	531.58E-12
1									



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	-53.60122	116.08230	106.80000	0.02851	106.78	-5.1026E-12	-95.524E-6	1.9105E-9
1	Grid	-51.60604	116.08230	106.80000	0.02857	106.78	-5.2685E-12	-97.353E-6	1.9471E-9
1	Grid	-49.61086	116.08230	106.80000	0.02860	106.78	-5.4343E-12	-99.160E-6	1.9832E-9
1	Grid	-47.61568	116.08230	106.80000	0.02861	106.78	-5.5989E-12	-100.94E-6	2.0188E-9
1	Grid	-45.62050	116.08230	106.80000	0.02858	106.78	-5.7614E-12	-102.69E-6	2.0537E-9
1	Grid	-43.62532	116.08230	106.80000	0.02851	106.78	-5.9233E-12	-104.40E-6	2.0879E-9
1	Grid	-41.63014	116.08230	106.80000	0.02841	106.78	-6.0851E-12	-106.06E-6	2.1212E-9
1	Grid	-39.63496	116.08230	106.80000	0.02827	106.78	-6.2403E-12	-107.68E-6	2.1536E-9
1	Grid	-37.63978	116.08230	106.80000	0.02808	106.78	-6.3929E-12	-109.24E-6	2.1848E-9
1	Grid	-35.64460	116.08230	106.80000	0.02784	106.78	-6.5428E-12	-110.75E-6	2.2149E-9
1	Grid	-33.64942	116.08230	106.80000	0.02755	106.78	-6.6860E-12	-112.18E-6	2.2437E-9
1	Grid	-31.65424	116.08230	106.80000	0.02719	106.78	-6.8245E-12	-113.55E-6	2.2710E-9
1	Grid	-29.65906	116.08230	106.80000	0.02676	106.78	-6.9531E-12	-114.84E-6	2.2969E-9
1	Grid	-27.66388	116.08230	106.80000	0.02626	106.78	-7.0763E-12	-116.05E-6	2.3211E-9
1	Grid	-25.66871	116.08230	106.80000	0.02566	106.78	-7.1922E-12	-117.18E-6	2.3436E-9
1	Grid	-23.67353	116.08230	106.80000	0.02497	106.78	-7.2968E-12	-118.21E-6	2.3642E-9
1	Grid	-21.67835	116.08230	106.80000	0.02418	106.78	-7.3954E-12	-119.15E-6	2.3830E-9
1	Grid	-19.68317	116.08230	106.80000	0.02326	106.78	-7.4833E-12	-119.99E-6	2.3998E-9
1	Grid	-17.68799	116.08230	106.80000	0.02221	106.78	-7.5620E-12	-120.73E-6	2.4145E-9
1	Grid	-15.69281	116.08230	106.80000	0.02101	106.78	-7.6259E-12	-121.36E-6	2.4271E-9
1	Grid	-13.69763	116.08230	106.80000	0.01964	106.78	-7.6812E-12	-121.88E-6	2.4375E-9
1	Grid	-11.70245	116.08230	106.80000	0.01808	106.78	-7.7258E-12	-122.29E-6	2.4457E-9
1	Grid	-9.70727	116.08230	106.80000	0.01631	106.78	-7.7545E-12	-122.58E-6	2.4516E-9
1	Grid	-7.71209	116.08230	106.80000	0.01430	106.78	-7.7744E-12	-122.76E-6	2.4553E-9
1	Grid	-5.71691	116.08230	106.80000	0.01203	106.78	-7.7778E-12	-122.83E-6	2.4566E-9
1	Grid	-3.72173	116.08230	106.80000	0.00946	106.78	-7.7744E-12	-122.77E-6	2.4556E-9
1	Grid	-1.72655	116.08230	106.80000	0.00657	106.78	-7.7585E-12	-122.61E-6	2.4523E-9
1	Grid	0.26863	116.08230	106.80000	0.00331	106.78	-7.7258E-12	-122.33E-6	2.4467E-9
1	Grid	2.26381	116.08230	106.80000	-0.00037	106.78	-7.6839E-12	-121.94E-6	2.4388E-9
1	Grid	4.25899	116.08230	106.80000	-0.00450	106.78	-7.6286E-12	-121.43E-6	2.4287E-9
1	Grid	6.25417	116.08230	106.80000	-0.00815	106.78	-7.5639E-12	-120.82E-6	2.4164E-9
1	Grid	8.24935	116.08230	106.80000	-0.01436	106.78	-7.4887E-12	-120.10E-6	2.4020E-9
1	Grid	10.24453	116.08230	106.80000	-0.02021	106.78	-7.3994E-12	-119.27E-6	2.3855E-9
1	Grid	12.23971	116.08230	106.80000	-0.02677	106.78	-7.3028E-12	-118.35E-6	2.3670E-9
1	Grid	14.23489	116.08230	106.80000	-0.03412	106.78	-7.1969E-12	-117.33E-6	2.3466E-9
1	Grid	16.23007	116.08230	106.80000	-0.04234	106.78	-7.0857E-12	-116.22E-6	2.3244E-9
1	Grid	18.22525	116.08230	106.80000	-0.05153	106.78	-6.9598E-12	-115.02E-6	2.3005E-9
1	Grid	20.22043	116.08230	106.80000	-0.06180	106.78	-6.8312E-12	-113.75E-6	2.2749E-9
1	Grid	22.21561	116.08230	106.80000	-0.07326	106.78	-6.6926E-12	-112.39E-6	2.2478E-9
1	Grid	24.21079	116.08230	106.80000	-0.08605	106.78	-6.5514E-12	-110.97E-6	2.2193E-9
1	Grid	26.20597	116.08230	106.80000	-0.10030	106.78	-6.4042E-12	-109.47E-6	2.1895E-9
1	Grid	28.20115	116.08230	106.80000	-0.11617	106.78	-6.2517E-12	-107.92E-6	2.1585E-9
1	Grid	30.19633	116.08230	106.80000	-0.13383	106.78	-6.0925E-12	-106.32E-6	2.1263E-9
1	Grid	32.19151	116.08230	106.80000	-0.15347	106.78	-5.9366E-12	-104.66E-6	2.0932E-9
1	Grid	34.18669	116.08230	106.80000	-0.17529	106.78	-5.7754E-12	-102.96E-6	2.0592E-9
1	Grid	36.18187	116.08230	106.80000	-0.20000	106.78	-5.6122E-12	-101.22E-6	2.0245E-9
1	Grid	38.17705	116.08230	106.80000	-0.22636	106.78	-5.4463E-12	-99.454E-6	1.9891E-9
1	Grid	40.17223	116.08230	106.80000	-0.25612	106.78	-5.2811E-12	-97.656E-6	1.9531E-9
1	Grid	42.16741	116.08230	106.80000	-0.28908	106.78	-5.1166E-12	-95.835E-6	1.9167E-9
1	Grid	44.16259	116.08230	106.80000	-0.32556	106.78	-4.9507E-12	-93.995E-6	1.8799E-9
1	Grid	46.15777	116.08230	106.80000	-0.36595	106.78	-4.7875E-12	-92.142E-6	1.8428E-9
1	Grid	48.15295	116.08230	106.80000	-0.41052	106.78	-4.6290E-12	-90.280E-6	1.8056E-9
1	Grid	50.14813	116.08230	106.80000	-0.45983	106.78	-4.4664E-12	-88.413E-6	1.7683E-9
1	Grid	52.14331	116.08230	106.80000	-0.51433	106.78	-4.3099E-12	-86.545E-6	1.7309E-9
1	Grid	54.13849	116.08230	106.80000	-0.57458	106.78	-4.1547E-12	-84.680E-6	1.6936E-9
1	Grid	56.13367	116.08230	106.80000	-0.64042	106.78	-4.0011E-12	-82.821E-6	1.6564E-9
1	Grid	58.12885	116.08230	106.80000	-0.71500	106.78	-3.8529E-12	-80.971E-6	1.6194E-9
1	Grid	60.12403	116.08230	106.80000	-0.79680	106.78	-3.7050E-12	-79.134E-6	1.5827E-9
1	Grid	62.11921	116.08230	106.80000	-0.88767	106.78	-3.5638E-12	-77.312E-6	1.5462E-9
1	Grid	64.11439	116.08230	106.80000	-0.98888	106.78	-3.4246E-12	-75.507E-6	1.5101E-9
1	Grid	66.10957	116.08230	106.80000	-1.09900	106.78	-3.2920E-12	-73.722E-6	1.4744E-9
1	Grid	68.10475	116.08230	106.80000	-1.22898	106.78	-3.1601E-12	-71.959E-6	1.4392E-9
1	Grid	70.09993	116.08230	106.80000	-1.37237	106.78	-3.0316E-12	-70.220E-6	1.4044E-9
1	Grid	72.09511	116.08230	106.80000	-1.53547	106.78	-2.9077E-12	-68.506E-6	1.3701E-9
1	Grid	74.09029	116.08230	106.80000	-1.72276	106.78	-2.7898E-12	-66.818E-6	1.3364E-9
1	Grid	76.08547	116.08230	106.80000	-1.94054	106.78	-2.6732E-12	-65.155E-6	1.3032E-9
1	Grid	78.08065	116.08230	106.80000	-2.19809	106.78	-2.5620E-12	-63.529E-6	1.2706E-9
1	Grid	80.07583	116.08230	106.80000	-2.51001	106.78	-2.4574E-12	-61.929E-6	1.2386E-9
1	Grid	82.07101	116.08230	106.80000	-2.90155	106.78	-2.3541E-12	-60.360E-6	1.2072E-9
1	Grid	84.06619	116.08230	106.80000	-3.42322	106.78	-2.2509E-12	-58.822E-6	1.1764E-9
1	Grid	86.06137	116.08230	106.80000	-4.02884	106.78	-2.1563E-12	-57.316E-6	1.1463E-9
1	Grid	88.05655	116.08230	106.80000	-5.80123	106.78	-2.0650E-12	-55.842E-6	1.1168E-9
1	Grid	90.05173	116.08230	106.80000	-10.21388	106.78	-1.9738E-12	-54.401E-6	1.0880E-9
1	Grid	92.04691	116.08230	106.80000	-11.40300	106.78	-1.8892E-12	-52.992E-6	1.0598E-9
1	Grid	94.04209	116.08230	106.80000	-11.91038	106.78	-1.8079E-12	-51.616E-6	1.0323E-9
1	Grid	96.03727	116.08230	106.80000	-12.09025	106.78	-1.7293E-12	-50.272E-6	1.0054E-9
1	Grid	98.03245	116.08230	106.80000	-12.01990	106.78	-1.6527E-12	-48.961E-6	979.22E-12
1	Grid	100.02763	116.08230	106.80000	-11.68797	106.78	-1.5814E-12	-47.682E-6	953.64E-12
1	Grid	102.02281	116.08230	106.80000	-10.97373	106.78	-1.5115E-12	-46.435E-6	928.70E-12
1	Grid	104.01799	116.08230	106.80000	-9.18870	106.78	-1.4475E-12	-45.220E-6	904.39E-12
1	Grid	106.01317	116.08230	106.80000	-5.12190	106.78	-1.3836E-12	-44.035E-6	880.71E-12
1	Grid	108.00835	116.08230	106.80000	-3.94906	106.78	-1.3243E-12	-42.882E-6	857.64E-12
1	Grid	110.00353	116.08230	106.80000	-3.25930	106.78	-1.2683E-12	-41.759E-6	835.18E-12
1	Grid	111.99871	116.08230	106.80000	-2.76330	106.78	-1.2104E-12	-40.666E-6	813.32E-12
1	Grid	113.99389	116.08230	106.80000	-2.37434	106.78	-1.1597E-12	-39.603E-6	792.05E-12
1	Grid	115.98907	116.08230	106.80000	-2.05450	106.78	-1.1084E-12	-38.569E-6	771.36E-12
1	Grid	117.98424	116.08230	106.80000	-1.78554	106.78	-1.0625E-12	-37.561E-6	751.23E-12
1	Grid	119.97942	116.08230	106.80000	-1.55455	106.78	-1.0165E-12	-36.583E-6	731.65E-12
1	Grid	121.97460	116.08230	106.80000	-1.35456	106.78	0.0	-35.631E-6	712.62E-12
1	Grid	123.96978	116.08230	106.80000	-1.18045	106.78	0.0	-34.706E-6	694.12E-12
1	Grid	125.96496	116.08230	106.80000	-1.02847	106.78	0.0	-33.807E-6	676.14E-12
1	Grid	127.96014	116.08230	106.80000	-0.89570	106.78	0.0	-32.933E-6	658.66E-12
1	Grid	129.95532	116.08230	106.80000	-0.77973	106.78	0.0	-32.084E-6	641.68E-12
1	Grid	131.95050	116.08230	106.80000	-0.67848	106.78	0.0	-31.259E-6	625.18E-12
1	Grid	133.94568	116.08230	106.80000	-0.59013	106.78	0.0	-30.457E-6	609.15E-12
1	Grid	135.94086	116.08230	106.80000	-0.51306	106.78	0.0	-29.679E-6	593.58E-12
1	Grid	137.93604	116.08230	106.80000	-0.44584	106.78	0.0	-28.922E-6	578.45E-12
1	Grid	139.93122	116.08230	106.80000	-				



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	-73.55302	117.95705	106.80000	0.02682	106.78	-3.3373E-12	-74.180E-6	1.4836E-9
1	Grid	-71.55784	117.95705	106.80000	0.02706	106.78	-3.4639E-12	-75.895E-6	1.5179E-9
1	Grid	-69.56266	117.95705	106.80000	0.02729	106.78	-3.5998E-12	-77.623E-6	1.5525E-9
1	Grid	-67.56748	117.95705	106.80000	0.02750	106.78	-3.7383E-12	-79.361E-6	1.5872E-9
1	Grid	-65.57230	117.95705	106.80000	0.02770	106.78	-3.8769E-12	-81.107E-6	1.6221E-9
1	Grid	-63.57712	117.95705	106.80000	0.02790	106.78	-4.0161E-12	-82.858E-6	1.6572E-9
1	Grid	-61.58194	117.95705	106.80000	0.02807	106.78	-4.1620E-12	-84.611E-6	1.6922E-9
1	Grid	-59.58676	117.95705	106.80000	0.02823	106.78	-4.3066E-12	-86.361E-6	1.7272E-9
1	Grid	-57.59158	117.95705	106.80000	0.02837	106.78	-4.4544E-12	-88.105E-6	1.7621E-9
1	Grid	-55.59640	117.95705	106.80000	0.02850	106.78	-4.6003E-12	-89.840E-6	1.7968E-9
1	Grid	-53.60122	117.95705	106.80000	0.02860	106.78	-4.7495E-12	-91.562E-6	1.8312E-9
1	Grid	-51.60604	117.95705	106.80000	0.02868	106.78	-4.9014E-12	-93.265E-6	1.8653E-9
1	Grid	-49.61086	117.95705	106.80000	0.02874	106.78	-5.0480E-12	-94.947E-6	1.8989E-9
1	Grid	-47.61568	117.95705	106.80000	0.02876	106.78	-5.2005E-12	-96.601E-6	1.9320E-9
1	Grid	-45.62050	117.95705	106.80000	0.02876	106.78	-5.3464E-12	-98.224E-6	1.9645E-9
1	Grid	-43.62532	117.95705	106.80000	0.02879	106.78	-5.4909E-12	-99.811E-6	1.9962E-9
1	Grid	-41.63014	117.95705	106.80000	0.02866	106.78	-5.6375E-12	-101.362E-6	2.0271E-9
1	Grid	-39.63496	117.95705	106.80000	0.02855	106.78	-5.7780E-12	-102.85E-6	2.0571E-9
1	Grid	-37.63978	117.95705	106.80000	0.02839	106.78	-5.9139E-12	-104.30E-6	2.0860E-9
1	Grid	-35.64460	117.95705	106.80000	0.02819	106.78	-6.0458E-12	-105.69E-6	2.1139E-9
1	Grid	-33.64942	117.95705	106.80000	0.02790	106.78	-6.1751E-12	-107.02E-6	2.1405E-9
1	Grid	-31.65424	117.95705	106.80000	0.02761	106.78	-6.2996E-12	-108.29E-6	2.1658E-9
1	Grid	-29.65906	117.95705	106.80000	0.02722	106.78	-6.4129E-12	-109.48E-6	2.1896E-9
1	Grid	-27.66388	117.95705	106.80000	0.02676	106.78	-6.5254E-12	-110.60E-6	2.2120E-9
1	Grid	-25.66871	117.95705	106.80000	0.02622	106.78	-6.6280E-12	-111.64E-6	2.2327E-9
1	Grid	-23.67353	117.95705	106.80000	0.02558	106.78	-6.7253E-12	-112.59E-6	2.2518E-9
1	Grid	-21.67835	117.95705	106.80000	0.02485	106.78	-6.8099E-12	-113.46E-6	2.2691E-9
1	Grid	-19.68317	117.95705	106.80000	0.02399	106.78	-6.8872E-12	-114.23E-6	2.2846E-9
1	Grid	-17.68799	117.95705	106.80000	0.02301	106.78	-6.9558E-12	-114.91E-6	2.2981E-9
1	Grid	-15.69281	117.95705	106.80000	0.02188	106.78	-7.0164E-12	-115.49E-6	2.3098E-9
1	Grid	-13.69763	117.95705	106.80000	0.02059	106.78	-7.0637E-12	-115.97E-6	2.3194E-9
1	Grid	-11.70245	117.95705	106.80000	0.01912	106.78	-7.1030E-12	-116.34E-6	2.3269E-9
1	Grid	-9.70727	117.95705	106.80000	0.01745	106.78	-7.1323E-12	-116.62E-6	2.3323E-9
1	Grid	-7.71209	117.95705	106.80000	0.01556	106.78	-7.1463E-12	-116.78E-6	2.3357E-9
1	Grid	-5.71691	117.95705	106.80000	0.01341	106.78	-7.1523E-12	-116.85E-6	2.3369E-9
1	Grid	-3.72173	117.95705	106.80000	0.01099	106.78	-7.1456E-12	-116.80E-6	2.3360E-9
1	Grid	-1.72655	117.95705	106.80000	0.00826	106.78	-7.1316E-12	-116.65E-6	2.3329E-9
1	Grid	0.26863	117.95705	106.80000	0.00517	106.78	-7.1063E-12	-116.39E-6	2.3278E-9
1	Grid	2.26381	117.95705	106.80000	0.00170	106.78	-7.0670E-12	-116.03E-6	2.3205E-9
1	Grid	4.25899	117.95705	106.80000	-0.00219	106.78	-7.0164E-12	-115.56E-6	2.3112E-9
1	Grid	6.25417	117.95705	106.80000	-0.00549	106.78	-6.9618E-12	-115.00E-6	2.2999E-9
1	Grid	8.24935	117.95705	106.80000	-0.01149	106.78	-6.8912E-12	-114.33E-6	2.2866E-9
1	Grid	10.24453	117.95705	106.80000	-0.01699	106.78	-6.8152E-12	-113.57E-6	2.2715E-9
1	Grid	12.23971	117.95705	106.80000	-0.02316	106.78	-6.7266E-12	-112.72E-6	2.2544E-9
1	Grid	14.23489	117.95705	106.80000	-0.03005	106.78	-6.6360E-12	-111.78E-6	2.2356E-9
1	Grid	16.23007	117.95705	106.80000	-0.03760	106.78	-6.5344E-12	-110.76E-6	2.2151E-9
1	Grid	18.22525	117.95705	106.80000	-0.04636	106.78	-6.4235E-12	-109.65E-6	2.1931E-9
1	Grid	20.22043	117.95705	106.80000	-0.05595	106.78	-6.3050E-12	-108.47E-6	2.1694E-9
1	Grid	22.21561	117.95705	106.80000	-0.06665	106.78	-6.1851E-12	-107.22E-6	2.1444E-9
1	Grid	24.21079	117.95705	106.80000	-0.07856	106.78	-6.0572E-12	-105.90E-6	2.1180E-9
1	Grid	26.20597	117.95705	106.80000	-0.09195	106.78	-5.9239E-12	-104.45E-6	2.0904E-9
1	Grid	28.20115	117.95705	106.80000	-0.10654	106.78	-5.7867E-12	-103.09E-6	2.0617E-9
1	Grid	30.19633	117.95705	106.80000	-0.12289	106.78	-5.6475E-12	-101.60E-6	2.0319E-9
1	Grid	32.19151	117.95705	106.80000	-0.14104	106.78	-5.5043E-12	-100.06E-6	2.0012E-9
1	Grid	34.18669	117.95705	106.80000	-0.16116	106.78	-5.3590E-12	-98.485E-6	1.9697E-9
1	Grid	36.18187	117.95705	106.80000	-0.18345	106.78	-5.2138E-12	-96.871E-6	1.9374E-9
1	Grid	38.17705	117.95705	106.80000	-0.20810	106.78	-5.0626E-12	-95.225E-6	1.9045E-9
1	Grid	40.17223	117.95705	106.80000	-0.23537	106.78	-4.9147E-12	-93.552E-6	1.8710E-9
1	Grid	42.16741	117.95705	106.80000	-0.26549	106.78	-4.7635E-12	-91.856E-6	1.8371E-9
1	Grid	44.16259	117.95705	106.80000	-0.29875	106.78	-4.6156E-12	-90.141E-6	1.8028E-9
1	Grid	46.15777	117.95705	106.80000	-0.33540	106.78	-4.4678E-12	-88.412E-6	1.7682E-9
1	Grid	48.15295	117.95705	106.80000	-0.37591	106.78	-4.3205E-12	-86.674E-6	1.7335E-9
1	Grid	50.14813	117.95705	106.80000	-0.42051	106.78	-4.1753E-12	-84.929E-6	1.6986E-9
1	Grid	52.14331	117.95705	106.80000	-0.46967	106.78	-4.0321E-12	-83.181E-6	1.6636E-9
1	Grid	54.13849	117.95705	106.80000	-0.52386	106.78	-3.8929E-12	-81.434E-6	1.6287E-9
1	Grid	56.13367	117.95705	106.80000	-0.58365	106.78	-3.7521E-12	-79.692E-6	1.5938E-9
1	Grid	58.12885	117.95705	106.80000	-0.64950	106.78	-3.6151E-12	-77.956E-6	1.5591E-9
1	Grid	60.12403	117.95705	106.80000	-0.72229	106.78	-3.4792E-12	-76.231E-6	1.5246E-9
1	Grid	62.11921	117.95705	106.80000	-0.80280	106.78	-3.3500E-12	-74.518E-6	1.4904E-9
1	Grid	64.11439	117.95705	106.80000	-0.89205	106.78	-3.2234E-12	-72.819E-6	1.4564E-9
1	Grid	66.10957	117.95705	106.80000	-0.99124	106.78	-3.0989E-12	-71.138E-6	1.4228E-9
1	Grid	68.10475	117.95705	106.80000	-1.10190	106.78	-2.9790E-12	-69.476E-6	1.3895E-9
1	Grid	70.09993	117.95705	106.80000	-1.22591	106.78	-2.8617E-12	-67.835E-6	1.3567E-9
1	Grid	72.09511	117.95705	106.80000	-1.36573	106.78	-2.7451E-12	-66.217E-6	1.3243E-9
1	Grid	74.09029	117.95705	106.80000	-1.52457	106.78	-2.6379E-12	-64.622E-6	1.2924E-9
1	Grid	76.08547	117.95705	106.80000	-1.70459	106.78	-2.5291E-12	-63.052E-6	1.2610E-9
1	Grid	78.08065	117.95705	106.80000	-1.91867	106.78	-2.4274E-12	-61.508E-6	1.2302E-9
1	Grid	80.07583	117.95705	106.80000	-2.16941	106.78	-2.3281E-12	-59.991E-6	1.1998E-9
1	Grid	82.07101	117.95705	106.80000	-2.47393	106.78	-2.2289E-12	-58.502E-6	1.1700E-9
1	Grid	84.06619	117.95705	106.80000	-2.85868	106.78	-2.1396E-12	-57.042E-6	1.1408E-9
1	Grid	86.06137	117.95705	106.80000	-3.37896	106.78	-2.0497E-12	-55.611E-6	1.1122E-9
1	Grid	88.05655	117.95705	106.80000	-4.18526	106.78	-1.9631E-12	-54.209E-6	1.0842E-9
1	Grid	90.05173	117.95705	106.80000	-6.05480	106.78	-1.8805E-12	-52.836E-6	1.0567E-9
1	Grid	92.04691	117.95705	106.80000	-10.16929	106.78	-1.8006E-12	-51.494E-6	1.0299E-9
1	Grid	94.04209	117.95705	106.80000	-11.08001	106.78	-1.7253E-12	-50.181E-6	1.0036E-9
1	Grid	96.03727	117.95705	106.80000	-11.35222	106.78	-1.6540E-12	-48.899E-6	9.7771E-12
1	Grid	98.03245	117.95705	106.80000	-11.21773	106.78	-1.5794E-12	-47.646E-6	9.5292E-12
1	Grid	100.02763	117.95705	106.80000	-10.61537	106.78	-1.5141E-12	-46.423E-6	9.2847E-12
1	Grid	102.02281	117.95705	106.80000	-8.81283	106.78	-1.4482E-12	-45.230E-6	9.0460E-12
1	Grid	104.01799	117.95705	106.80000	-4.89231	106.78	-1.3869E-12	-44.066E-6	8.8133E-12
1	Grid	106.01317	117.95705	106.80000	-3.80907	106.78	-1.3256E-12	-42.932E-6	8.5864E-12
1	Grid	108.00835	117.95705	106.80000	-3.16120	106.78	-1.2697E-12	-41.826E-6	8.3652E-12
1	Grid	110.00353	117.95705	106.80000	-2.69914	106.78	-1.2157E-12	-40.748E-6	8.1497E-12
1	Grid	111.99871	117.95705	106.80000	-2.33588	106.78	-1.1637E-12	-39.699E-6	7.9397E-12
1	Grid	113.99389	117.95705	106.80000	-2.03646	106.78	-1.1158E-12	-38.677E-6	7.7353E-12
1	Grid	115.98906	117.95705	106.80000	-1.78265	106.78	-1.0663E-12	-37.681E-6	7.5326E-12
1	Grid	117.98424	117.95705	106.80000	-1.56375	106.78	-1.0199E-12	-36.713E-6	7.3426E-12
1	Grid								



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	-93.50482	119.83180	106.80000	0.02389	106.78	-2.1050E-12	-56.392E-6	1.1278E-9
1	Grid	-91.50964	119.83180	106.80000	0.02419	106.78	-2.1929E-12	-57.803E-6	1.1561E-9
1	Grid	-89.51446	119.83180	106.80000	0.02449	106.78	-2.2848E-12	-59.240E-6	1.1848E-9
1	Grid	-87.51928	119.83180	106.80000	0.02479	106.78	-2.3808E-12	-60.701E-6	1.2140E-9
1	Grid	-85.52410	119.83180	106.80000	0.02508	106.78	-2.4820E-12	-62.186E-6	1.2437E-9
1	Grid	-83.52892	119.83180	106.80000	0.02537	106.78	-2.5826E-12	-63.694E-6	1.2739E-9
1	Grid	-81.53374	119.83180	106.80000	0.02565	106.78	-2.6872E-12	-65.223E-6	1.3045E-9
1	Grid	-79.53856	119.83180	106.80000	0.02593	106.78	-2.7964E-12	-66.772E-6	1.3354E-9
1	Grid	-77.54338	119.83180	106.80000	0.02620	106.78	-2.9057E-12	-68.340E-6	1.3668E-9
1	Grid	-75.54820	119.83180	106.80000	0.02646	106.78	-3.0203E-12	-69.925E-6	1.3985E-9
1	Grid	-73.55302	119.83180	106.80000	0.02672	106.78	-3.1362E-12	-71.526E-6	1.4305E-9
1	Grid	-71.55784	119.83180	106.80000	0.02697	106.78	-3.2574E-12	-73.139E-6	1.4628E-9
1	Grid	-69.56266	119.83180	106.80000	0.02721	106.78	-3.3806E-12	-74.762E-6	1.4952E-9
1	Grid	-67.56748	119.83180	106.80000	0.02743	106.78	-3.5045E-12	-76.395E-6	1.5279E-9
1	Grid	-65.57230	119.83180	106.80000	0.02765	106.78	-3.6311E-12	-78.032E-6	1.5606E-9
1	Grid	-63.57712	119.83180	106.80000	0.02786	106.78	-3.7617E-12	-79.673E-6	1.5935E-9
1	Grid	-61.58194	119.83180	106.80000	0.02805	106.78	-3.8909E-12	-81.314E-6	1.6263E-9
1	Grid	-59.58676	119.83180	106.80000	0.02822	106.78	-4.0221E-12	-82.951E-6	1.6590E-9
1	Grid	-57.59158	119.83180	106.80000	0.02838	106.78	-4.1580E-12	-84.581E-6	1.6916E-9
1	Grid	-55.59640	119.83180	106.80000	0.02852	106.78	-4.2939E-12	-86.202E-6	1.7240E-9
1	Grid	-53.60122	119.83180	106.80000	0.02869	106.78	-4.4271E-12	-87.808E-6	1.7562E-9
1	Grid	-51.60604	119.83180	106.80000	0.02875	106.78	-4.5643E-12	-89.396E-6	1.7879E-9
1	Grid	-49.61086	119.83180	106.80000	0.02882	106.78	-4.7002E-12	-90.962E-6	1.8192E-9
1	Grid	-47.61568	119.83180	106.80000	0.02887	106.78	-4.8308E-12	-92.501E-6	1.8500E-9
1	Grid	-45.62050	119.83180	106.80000	0.02890	106.78	-4.9667E-12	-94.010E-6	1.8802E-9
1	Grid	-43.62532	119.83180	106.80000	0.02894	106.78	-5.0979E-12	-95.495E-6	1.9097E-9
1	Grid	-41.63014	119.83180	106.80000	0.02884	106.78	-5.2272E-12	-96.919E-6	1.9384E-9
1	Grid	-39.63496	119.83180	106.80000	0.02876	106.78	-5.3537E-12	-98.310E-6	1.9662E-9
1	Grid	-37.63978	119.83180	106.80000	0.02864	106.78	-5.4763E-12	-99.652E-6	1.9930E-9
1	Grid	-35.64460	119.83180	106.80000	0.02847	106.78	-5.5969E-12	-100.94E-6	2.0188E-9
1	Grid	-33.64942	119.83180	106.80000	0.02824	106.78	-5.7108E-12	-102.192E-6	2.0435E-9
1	Grid	-31.65424	119.83180	106.80000	0.02796	106.78	-5.8213E-12	-103.34E-6	2.0669E-9
1	Grid	-29.65906	119.83180	106.80000	0.02762	106.78	-5.9279E-12	-104.45E-6	2.0889E-9
1	Grid	-27.66388	119.83180	106.80000	0.02720	106.78	-6.0252E-12	-105.48E-6	2.1096E-9
1	Grid	-25.66871	119.83180	106.80000	0.02670	106.78	-6.1151E-12	-106.44E-6	2.1288E-9
1	Grid	-23.67353	119.83180	106.80000	0.02612	106.78	-6.2010E-12	-107.32E-6	2.1464E-9
1	Grid	-21.67835	119.83180	106.80000	0.02543	106.78	-6.2783E-12	-108.12E-6	2.1624E-9
1	Grid	-19.68317	119.83180	106.80000	0.02464	106.78	-6.3496E-12	-108.83E-6	2.1766E-9
1	Grid	-17.68799	119.83180	106.80000	0.02372	106.78	-6.4089E-12	-109.46E-6	2.1891E-9
1	Grid	-15.69281	119.83180	106.80000	0.02266	106.78	-6.4642E-12	-109.99E-6	2.1999E-9
1	Grid	-13.69763	119.83180	106.80000	0.02149	106.78	-6.5041E-12	-110.44E-6	2.2087E-9
1	Grid	-11.70245	119.83180	106.80000	0.02007	106.78	-6.5401E-12	-110.78E-6	2.2157E-9
1	Grid	-9.70727	119.83180	106.80000	0.01850	106.78	-6.5641E-12	-111.03E-6	2.2207E-9
1	Grid	-7.71209	119.83180	106.80000	0.01672	106.78	-6.5807E-12	-111.19E-6	2.2238E-9
1	Grid	-5.71691	119.83180	106.80000	0.01470	106.78	-6.5861E-12	-111.24E-6	2.2249E-9
1	Grid	-3.72173	119.83180	106.80000	0.01241	106.78	-6.5794E-12	-111.11E-6	2.2241E-9
1	Grid	-1.72655	119.83180	106.80000	0.00984	106.78	-6.5661E-12	-111.06E-6	2.2213E-9
1	Grid	0.26863	119.83180	106.80000	0.00693	106.78	-6.5428E-12	-110.83E-6	2.2165E-9
1	Grid	2.26381	119.83180	106.80000	0.00366	106.78	-6.5061E-12	-110.49E-6	2.2098E-9
1	Grid	4.25899	119.83180	106.80000	-0.00001	106.78	-6.4662E-12	-110.06E-6	2.2013E-9
1	Grid	6.25417	119.83180	106.80000	-0.00369	106.78	-6.4149E-12	-109.55E-6	2.1908E-9
1	Grid	8.24935	119.83180	106.80000	-0.00875	106.78	-6.3529E-12	-108.93E-6	2.1786E-9
1	Grid	10.24453	119.83180	106.80000	-0.01392	106.78	-6.2830E-12	-108.23E-6	2.1646E-9
1	Grid	12.23971	119.83180	106.80000	-0.01970	106.78	-6.2084E-12	-107.44E-6	2.1489E-9
1	Grid	14.23489	119.83180	106.80000	-0.02616	106.78	-6.1238E-12	-106.58E-6	2.1315E-9
1	Grid	16.23007	119.83180	106.80000	-0.03337	106.78	-6.0325E-12	-105.63E-6	2.1126E-9
1	Grid	18.22525	119.83180	106.80000	-0.04140	106.78	-5.9313E-12	-104.61E-6	2.0922E-9
1	Grid	20.22043	119.83180	106.80000	-0.05036	106.78	-5.8300E-12	-103.52E-6	2.0703E-9
1	Grid	22.21561	119.83180	106.80000	-0.06032	106.78	-5.7208E-12	-102.36E-6	2.0472E-9
1	Grid	24.21079	119.83180	106.80000	-0.07139	106.78	-5.6042E-12	-101.14E-6	2.0228E-9
1	Grid	26.20597	119.83180	106.80000	-0.08369	106.78	-5.4869E-12	-99.86E-6	1.9972E-9
1	Grid	28.20115	119.83180	106.80000	-0.09734	106.78	-5.3637E-12	-98.528E-6	1.9706E-9
1	Grid	30.19633	119.83180	106.80000	-0.11246	106.78	-5.2358E-12	-97.147E-6	1.9429E-9
1	Grid	32.19151	119.83180	106.80000	-0.12921	106.78	-5.1066E-12	-95.722E-6	1.9144E-9
1	Grid	34.18669	119.83180	106.80000	-0.14774	106.78	-4.9767E-12	-94.257E-6	1.8851E-9
1	Grid	36.18187	119.83180	106.80000	-0.16822	106.78	-4.8435E-12	-92.756E-6	1.8551E-9
1	Grid	38.17705	119.83180	106.80000	-0.19084	106.78	-4.7142E-12	-91.225E-6	1.8245E-9
1	Grid	40.17223	119.83180	106.80000	-0.21579	106.78	-4.5757E-12	-89.667E-6	1.7933E-9
1	Grid	42.16741	119.83180	106.80000	-0.24330	106.78	-4.4391E-12	-88.086E-6	1.7617E-9
1	Grid	44.16259	119.83180	106.80000	-0.27359	106.78	-4.3059E-12	-86.486E-6	1.7297E-9
1	Grid	46.15777	119.83180	106.80000	-0.30694	106.78	-4.1727E-12	-84.877E-6	1.6974E-9
1	Grid	48.15295	119.83180	106.80000	-0.34361	106.78	-4.0374E-12	-83.247E-6	1.6649E-9
1	Grid	50.14813	119.83180	106.80000	-0.38394	106.78	-3.9055E-12	-81.615E-6	1.6323E-9
1	Grid	52.14331	119.83180	106.80000	-0.42826	106.78	-3.7736E-12	-79.979E-6	1.5996E-9
1	Grid	54.13849	119.83180	106.80000	-0.47696	106.78	-3.6451E-12	-78.342E-6	1.5668E-9
1	Grid	56.13367	119.83180	106.80000	-0.53040	106.78	-3.5179E-12	-76.698E-6	1.5342E-9
1	Grid	58.12885	119.83180	106.80000	-0.58933	106.78	-3.3940E-12	-75.079E-6	1.5016E-9
1	Grid	60.12403	119.83180	106.80000	-0.65408	106.78	-3.2720E-12	-73.457E-6	1.4691E-9
1	Grid	62.11921	119.83180	106.80000	-0.72540	106.78	-3.1488E-12	-71.846E-6	1.4369E-9
1	Grid	64.11439	119.83180	106.80000	-0.80408	106.78	-3.0342E-12	-70.248E-6	1.4050E-9
1	Grid	66.10957	119.83180	106.80000	-0.88919	106.78	-2.9190E-12	-68.648E-6	1.3733E-9
1	Grid	68.10475	119.83180	106.80000	-0.98750	106.78	-2.8104E-12	-67.096E-6	1.3419E-9
1	Grid	70.09993	119.83180	106.80000	-1.09480	106.78	-2.6992E-12	-65.547E-6	1.3109E-9
1	Grid	72.09511	119.83180	106.80000	-1.21475	106.78	-2.5973E-12	-64.018E-6	1.2804E-9
1	Grid	74.09029	119.83180	106.80000	-1.34964	106.78	-2.4940E-12	-62.509E-6	1.2502E-9
1	Grid	76.08547	119.83180	106.80000	-1.50210	106.78	-2.3954E-12	-61.024E-6	1.2205E-9
1	Grid	78.08065	119.83180	106.80000	-1.67746	106.78	-2.3015E-12	-59.561E-6	1.1912E-9
1	Grid	80.07583	119.83180	106.80000	-1.88043	106.78	-2.2069E-12	-58.123E-6	1.1625E-9
1	Grid	82.07101	119.83180	106.80000	-2.12036	106.78	-2.1183E-12	-56.710E-6	1.1342E-9
1	Grid	84.06619	119.83180	106.80000	-2.41186	106.78	-2.0330E-12	-55.323E-6	1.1065E-9
1	Grid	86.06137	119.83180	106.80000	-2.78189	106.78	-1.9471E-12	-53.962E-6	1.0789E-9
1	Grid	88.05655	119.83180	106.80000	-3.28935	106.78	-1.8672E-12	-52.628E-6	1.0526E-9
1	Grid	90.05173	119.83180	106.80000	-4.11008	106.78	-1.7919E-12	-51.321E-6	1.0264E-9
1	Grid	92.04691	119.83180	106.80000	-6.38720	106.78	-1.7180E-12	-50.042E-6	1.0008E-9
1	Grid	94.04209	119.83180	106.80000	-9.88171	106.78	-1.6447E-12	-48.790E-6	9.75.80E-12
1	Grid	96.03727	119.83180	106.80000	-1.38097	106.78	-1.5767E-12	-47.566E-6	9.5.31E-12
1	Grid	98.03245	119.83180	106.80000	-10.06037	106.78	-1.5095E-12	-46.369E-6	9.27.38E-12
1	Grid	100.02763							



Highgate Junior School Sports Hall

Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	165.96856	119.83180	106.80000	-0.04325	106.78	0.0	-19.742E-12	394.83E-12
1	Grid	167.86374	119.83180	106.80000	-0.03485	106.78	0.0	-19.277E-12	385.54E-12
1	Grid	169.85892	119.83180	106.80000	-0.02745	106.78	0.0	-18.825E-12	376.51E-12
1	Grid	171.85410	119.83180	106.80000	-0.02093	106.78	0.0	-18.386E-12	367.73E-12
1	Grid	173.84928	119.83180	106.80000	-0.01519	106.78	0.0	-17.959E-12	359.19E-12
1	Grid	175.84446	119.83180	106.80000	-0.01014	106.78	0.0	-17.544E-12	350.88E-12
1	Grid	177.83964	119.83180	106.80000	-0.00571	106.78	0.0	-17.140E-12	342.80E-12
1	Grid	179.83482	119.83180	106.80000	-0.00182	106.78	0.0	-16.747E-12	334.95E-12
1	Grid	181.83000	119.83180	106.80000	0.00158	106.78	0.0	-16.366E-12	327.31E-12
1	Grid	-95.50000	121.70655	106.80000	0.02341	106.78	-1.9171E-12	-53.361E-6	1.0672E-9
1	Grid	-93.54892	121.70655	106.80000	0.02372	106.78	-1.9971E-12	-54.677E-6	1.0935E-9
1	Grid	-91.50964	121.70655	106.80000	0.02403	106.78	-2.0810E-12	-56.017E-6	1.1203E-9
1	Grid	-89.51446	121.70655	106.80000	0.02433	106.78	-2.1683E-12	-57.379E-6	1.1476E-9
1	Grid	-87.51928	121.70655	106.80000	0.02463	106.78	-2.2562E-12	-58.764E-6	1.1753E-9
1	Grid	-85.52410	121.70655	106.80000	0.02493	106.78	-2.3461E-12	-60.170E-6	1.2034E-9
1	Grid	-83.52928	121.70655	106.80000	0.02522	106.78	-2.4394E-12	-61.597E-6	1.2319E-9
1	Grid	-81.53374	121.70655	106.80000	0.02551	106.78	-2.5380E-12	-63.042E-6	1.2608E-9
1	Grid	-79.53856	121.70655	106.80000	0.02579	106.78	-2.6359E-12	-64.506E-6	1.2901E-9
1	Grid	-77.54338	121.70655	106.80000	0.02607	106.78	-2.7398E-12	-65.985E-6	1.3197E-9
1	Grid	-75.54820	121.70655	106.80000	0.02634	106.78	-2.8457E-12	-67.480E-6	1.3496E-9
1	Grid	-73.55302	121.70655	106.80000	0.02662	106.78	-2.9503E-12	-68.987E-6	1.3797E-9
1	Grid	-71.55784	121.70655	106.80000	0.02686	106.78	-3.0602E-12	-70.505E-6	1.4101E-9
1	Grid	-69.56266	121.70655	106.80000	0.02711	106.78	-3.1755E-12	-72.031E-6	1.4406E-9
1	Grid	-67.56748	121.70655	106.80000	0.02735	106.78	-3.2894E-12	-73.565E-6	1.4713E-9
1	Grid	-65.57230	121.70655	106.80000	0.02757	106.78	-3.4053E-12	-75.102E-6	1.5020E-9
1	Grid	-63.57712	121.70655	106.80000	0.02779	106.78	-3.5218E-12	-76.640E-6	1.5328E-9
1	Grid	-61.58194	121.70655	106.80000	0.02799	106.78	-3.6418E-12	-78.178E-6	1.5636E-9
1	Grid	-59.58676	121.70655	106.80000	0.02818	106.78	-3.7630E-12	-79.710E-6	1.5942E-9
1	Grid	-57.59158	121.70655	106.80000	0.02836	106.78	-3.8862E-12	-81.235E-6	1.6247E-9
1	Grid	-55.59640	121.70655	106.80000	0.02852	106.78	-4.0068E-12	-82.749E-6	1.6550E-9
1	Grid	-53.60122	121.70655	106.80000	0.02865	106.78	-4.1287E-12	-84.249E-6	1.6850E-9
1	Grid	-51.60604	121.70655	106.80000	0.02877	106.78	-4.2546E-12	-85.730E-6	1.7146E-9
1	Grid	-49.61086	121.70655	106.80000	0.02887	106.78	-4.3758E-12	-87.190E-6	1.7438E-9
1	Grid	-47.61568	121.70655	106.80000	0.02894	106.78	-4.4964E-12	-88.624E-6	1.7725E-9
1	Grid	-45.62050	121.70655	106.80000	0.02899	106.78	-4.6156E-12	-90.029E-6	1.8006E-9
1	Grid	-43.62532	121.70655	106.80000	0.02905	106.78	-4.7355E-12	-91.402E-6	1.8280E-9
1	Grid	-41.63014	121.70655	106.80000	0.02898	106.78	-4.8521E-12	-92.733E-6	1.8547E-9
1	Grid	-39.63496	121.70655	106.80000	0.02893	106.78	-4.9660E-12	-94.025E-6	1.8805E-9
1	Grid	-37.63978	121.70655	106.80000	0.02883	106.78	-5.0793E-12	-95.271E-6	1.9054E-9
1	Grid	-35.64460	121.70655	106.80000	0.02869	106.78	-5.1839E-12	-96.466E-6	1.9293E-9
1	Grid	-33.64942	121.70655	106.80000	0.02852	106.78	-5.2884E-12	-97.608E-6	1.9522E-9
1	Grid	-31.65424	121.70655	106.80000	0.02825	106.78	-5.3884E-12	-98.692E-6	1.9738E-9
1	Grid	-29.65906	121.70655	106.80000	0.02795	106.78	-5.4829E-12	-99.714E-6	1.9943E-9
1	Grid	-27.66388	121.70655	106.80000	0.02757	106.78	-5.5702E-12	-100.67E-6	2.0134E-9
1	Grid	-25.66871	121.70655	106.80000	0.02712	106.78	-5.6508E-12	-101.56E-6	2.0311E-9
1	Grid	-23.67353	121.70655	106.80000	0.02662	106.78	-5.7288E-12	-102.37E-6	2.0474E-9
1	Grid	-21.67835	121.70655	106.80000	0.02595	106.78	-5.7980E-12	-103.11E-6	2.0622E-9
1	Grid	-19.68317	121.70655	106.80000	0.02521	106.78	-5.8580E-12	-103.77E-6	2.0754E-9
1	Grid	-17.68799	121.70655	106.80000	0.02435	106.78	-5.9159E-12	-104.35E-6	2.0869E-9
1	Grid	-15.69281	121.70655	106.80000	0.02337	106.78	-5.9612E-12	-104.84E-6	2.0968E-9
1	Grid	-13.69763	121.70655	106.80000	0.02222	106.78	-6.0005E-12	-105.25E-6	2.1050E-9
1	Grid	-11.70245	121.70655	106.80000	0.02094	106.78	-6.0325E-12	-105.57E-6	2.1114E-9
1	Grid	-9.70727	121.70655	106.80000	0.01946	106.78	-6.0525E-12	-105.80E-6	2.1161E-9
1	Grid	-7.71209	121.70655	106.80000	0.01779	106.78	-6.0645E-12	-105.95E-6	2.1189E-9
1	Grid	-5.71691	121.70655	106.80000	0.01589	106.78	-6.0691E-12	-106.00E-6	2.1200E-9
1	Grid	-3.72173	121.70655	106.80000	0.01374	106.78	-6.0671E-12	-105.97E-6	2.1192E-9
1	Grid	-1.72655	121.70655	106.80000	0.01132	106.78	-6.0525E-12	-105.83E-6	2.1166E-9
1	Grid	0.26863	121.70655	106.80000	0.00858	106.78	-6.0352E-12	-105.61E-6	2.1122E-9
1	Grid	2.26381	121.70655	106.80000	0.00551	106.78	-6.0025E-12	-105.30E-6	2.1061E-9
1	Grid	4.25899	121.70655	106.80000	0.00206	106.78	-5.9632E-12	-104.91E-6	2.0982E-9
1	Grid	6.25417	121.70655	106.80000	-0.00181	106.78	-5.9179E-12	-104.43E-6	2.0885E-9
1	Grid	8.24935	121.70655	106.80000	-0.00614	106.78	-5.8600E-12	-103.86E-6	2.0772E-9
1	Grid	10.24453	121.70655	106.80000	-0.01098	106.78	-5.8040E-12	-103.21E-6	2.0643E-9
1	Grid	12.23971	121.70655	106.80000	-0.01640	106.78	-5.7321E-12	-102.49E-6	2.0498E-9
1	Grid	14.23489	121.70655	106.80000	-0.02244	106.78	-5.6595E-12	-101.69E-6	2.0337E-9
1	Grid	16.23007	121.70655	106.80000	-0.02917	106.78	-5.5749E-12	-100.81E-6	2.0162E-9
1	Grid	18.22525	121.70655	106.80000	-0.03667	106.78	-5.4863E-12	-99.867E-6	1.9973E-9
1	Grid	20.22043	121.70655	106.80000	-0.04500	106.78	-5.3957E-12	-98.856E-6	1.9771E-9
1	Grid	22.21561	121.70655	106.80000	-0.05427	106.78	-5.2951E-12	-97.784E-6	1.9557E-9
1	Grid	24.21079	121.70655	106.80000	-0.06455	106.78	-5.1918E-12	-96.652E-6	1.9330E-9
1	Grid	26.20597	121.70655	106.80000	-0.07589	106.78	-5.0846E-12	-95.467E-6	1.9093E-9
1	Grid	28.20115	121.70655	106.80000	-0.08857	106.78	-4.9747E-12	-94.231E-6	1.8846E-9
1	Grid	30.19633	121.70655	106.80000	-0.10254	106.78	-4.8621E-12	-92.949E-6	1.8590E-9
1	Grid	32.19151	121.70655	106.80000	-0.11798	106.78	-4.7455E-12	-91.625E-6	1.8325E-9
1	Grid	34.18669	121.70655	106.80000	-0.13503	106.78	-4.6256E-12	-90.262E-6	1.8052E-9
1	Grid	36.18187	121.70655	106.80000	-0.15383	106.78	-4.5011E-12	-88.866E-6	1.7773E-9
1	Grid	38.17705	121.70655	106.80000	-0.17455	106.78	-4.3852E-12	-87.439E-6	1.7488E-9
1	Grid	40.17223	121.70655	106.80000	-0.19736	106.78	-4.2653E-12	-85.987E-6	1.7197E-9
1	Grid	42.16741	121.70655	106.80000	-0.22245	106.78	-4.1407E-12	-84.512E-6	1.6902E-9
1	Grid	44.16259	121.70655	106.80000	-0.25002	106.78	-4.0181E-12	-83.019E-6	1.6604E-9
1	Grid	46.15777	121.70655	106.80000	-0.28030	106.78	-3.8975E-12	-81.510E-6	1.6302E-9
1	Grid	48.15295	121.70655	106.80000	-0.31351	106.78	-3.7750E-12	-79.991E-6	1.5998E-9
1	Grid	50.14813	121.70655	106.80000	-0.34994	106.78	-3.6557E-12	-78.463E-6	1.5693E-9
1	Grid	52.14331	121.70655	106.80000	-0.38987	106.78	-3.5358E-12	-76.930E-6	1.5386E-9
1	Grid	54.13849	121.70655	106.80000	-0.43361	106.78	-3.4219E-12	-75.396E-6	1.5079E-9
1	Grid	56.13367	121.70655	106.80000	-0.48154	106.78	-3.3072E-12	-73.862E-6	1.4772E-9
1	Grid	58.12885	121.70655	106.80000	-0.53406	106.78	-3.1881E-12	-72.331E-6	1.4466E-9
1	Grid	60.12403	121.70655	106.80000	-0.59162	106.78	-3.0762E-12	-70.807E-6	1.4161E-9
1	Grid	62.11921	121.70655	106.80000	-0.65476	106.78	-2.9663E-12	-69.291E-6	1.3858E-9
1	Grid	64.11439	121.70655	106.80000	-0.72409	106.78	-2.8584E-12	-67.786E-6	1.3557E-9
1	Grid	66.10957	121.70655	106.80000	-0.79958	106.78	-2.7518E-12	-66.293E-6	1.3259E-9
1	Grid	68.10475	121.70655	106.80000	-0.88436	106.78	-2.6532E-12	-64.814E-6	1.2963E-9
1	Grid	70.09993	121.70655	106.80000	-0.97718	106.78	-2.5500E-12	-63.351E-6	1.2670E-9
1	Grid	72.09511	121.70655	106.80000	-1.08009	106.78	-2.4540E-12	-61.905E-6	1.2381E-9
1	Grid	74.09029	121.70655	106.80000	-1.19468	106.78	-2.3581E-12	-60.478E-6	1.2096E-9
1	Grid	76.08547	121.70655	106.80000	-1.32292	106.78	-2.2669E-12	-59.072E-6	1.1814E-9
1	Grid	78.08065	121.70655	106.80000	-1.46772	106.78	-2.1803E-12	-57.686E-6	1.1537E-9
1	Grid	80.07583	121.70655	106.80000	-1.63252	106.78	-2		

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.	
						3244			
						Drg. Ref.			
						Made by AC	Date	Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
1	Grid	145.91676	121.70655	106.80000	-0.20630	106.78	0.0	-24.733E-6	494.66E-12
1	Grid	147.91194	121.70655	106.80000	-0.17926	106.78	0.0	-24.135E-6	482.70E-12
1	Grid	149.90712	121.70655	106.80000	-0.15530	106.78	0.0	-23.553E-6	471.07E-12
1	Grid	151.90230	121.70655	106.80000	-0.13408	106.78	0.0	-22.988E-6	459.76E-12
1	Grid	153.89748	121.70655	106.80000	-0.11529	106.78	0.0	-22.438E-6	448.75E-12
1	Grid	155.89266	121.70655	106.80000	-0.09865	106.78	0.0	-21.903E-6	438.05E-12
1	Grid	157.88784	121.70655	106.80000	-0.08393	106.78	0.0	-21.382E-6	427.65E-12
1	Grid	159.88302	121.70655	106.80000	-0.07090	106.78	0.0	-20.876E-6	417.52E-12
1	Grid	161.87820	121.70655	106.80000	-0.05938	106.78	0.0	-20.384E-6	407.68E-12
1	Grid	163.87338	121.70655	106.80000	-0.04919	106.78	0.0	-19.905E-6	398.11E-12
1	Grid	165.86856	121.70655	106.80000	-0.04019	106.78	0.0	-19.440E-6	388.79E-12
1	Grid	167.86374	121.70655	106.80000	-0.03224	106.78	0.0	-18.987E-6	379.74E-12
1	Grid	169.85892	121.70655	106.80000	-0.02522	106.78	0.0	-18.546E-6	370.93E-12
1	Grid	171.85410	121.70655	106.80000	-0.01903	106.78	0.0	-18.118E-6	362.36E-12
1	Grid	173.84928	121.70655	106.80000	-0.01358	106.78	0.0	-17.701E-6	354.02E-12
1	Grid	175.84446	121.70655	106.80000	-0.00877	106.78	0.0	-17.296E-6	345.91E-12
1	Grid	177.83964	121.70655	106.80000	-0.00455	106.78	0.0	-16.901E-6	338.03E-12
1	Grid	179.83482	121.70655	106.80000	-0.00084	106.78	0.0	-16.518E-6	330.35E-12
1	Grid	181.83000	122.70655	106.80000	0.00241	106.78	0.0	-16.144E-6	322.89E-12
1	Grid	-95.50000	123.58129	106.80000	0.02324	106.78	-1.8225E-12	-51.771E-6	1.0354E-9
1	Grid	-93.50482	123.58129	106.80000	0.02354	106.78	-1.8978E-12	-53.022E-6	1.0604E-9
1	Grid	-91.50964	123.58129	106.80000	0.02385	106.78	-1.9738E-12	-54.294E-6	1.0859E-9
1	Grid	-89.51446	123.58129	106.80000	0.02416	106.78	-2.0550E-12	-55.587E-6	1.1117E-9
1	Grid	-87.51928	123.58129	106.80000	0.02446	106.78	-2.1370E-12	-56.900E-6	1.1380E-9
1	Grid	-85.52410	123.58129	106.80000	0.02476	106.78	-2.2182E-12	-58.232E-6	1.1646E-9
1	Grid	-83.52892	123.58129	106.80000	0.02506	106.78	-2.3075E-12	-59.582E-6	1.1916E-9
1	Grid	-81.53374	123.58129	106.80000	0.02535	106.78	-2.3987E-12	-60.949E-6	1.2190E-9
1	Grid	-79.53856	123.58129	106.80000	0.02564	106.78	-2.4880E-12	-62.332E-6	1.2466E-9
1	Grid	-77.54338	123.58129	106.80000	0.02592	106.78	-2.5826E-12	-63.728E-6	1.2746E-9
1	Grid	-75.54820	123.58129	106.80000	0.02620	106.78	-2.6779E-12	-65.138E-6	1.3028E-9
1	Grid	-73.55302	123.58129	106.80000	0.02647	106.78	-2.7771E-12	-66.558E-6	1.3312E-9
1	Grid	-71.55784	123.58129	106.80000	0.02673	106.78	-2.8790E-12	-67.987E-6	1.3597E-9
1	Grid	-69.56266	123.58129	106.80000	0.02699	106.78	-2.9829E-12	-69.423E-6	1.3885E-9
1	Grid	-67.56748	123.58129	106.80000	0.02724	106.78	-3.0875E-12	-70.865E-6	1.4173E-9
1	Grid	-65.57230	123.58129	106.80000	0.02747	106.78	-3.1941E-12	-72.308E-6	1.4462E-9
1	Grid	-63.57712	123.58129	106.80000	0.02770	106.78	-3.3040E-12	-73.752E-6	1.4750E-9
1	Grid	-61.58194	123.58129	106.80000	0.02792	106.78	-3.4119E-12	-75.193E-6	1.5039E-9
1	Grid	-59.58676	123.58129	106.80000	0.02812	106.78	-3.5199E-12	-76.628E-6	1.5326E-9
1	Grid	-57.59158	123.58129	106.80000	0.02831	106.78	-3.6338E-12	-78.056E-6	1.5611E-9
1	Grid	-55.59640	123.58129	106.80000	0.02848	106.78	-3.7437E-12	-79.472E-6	1.5894E-9
1	Grid	-53.60122	123.58129	106.80000	0.02863	106.78	-3.8536E-12	-80.873E-6	1.6175E-9
1	Grid	-51.60604	123.58129	106.80000	0.02877	106.78	-3.9668E-12	-82.256E-6	1.6451E-9
1	Grid	-49.61086	123.58129	106.80000	0.02888	106.78	-4.0787E-12	-83.618E-6	1.6724E-9
1	Grid	-47.61568	123.58129	106.80000	0.02897	106.78	-4.1893E-12	-84.955E-6	1.6991E-9
1	Grid	-45.62050	123.58129	106.80000	0.02904	106.78	-4.2972E-12	-86.264E-6	1.7253E-9
1	Grid	-43.62532	123.58129	106.80000	0.02907	106.78	-4.4038E-12	-87.540E-6	1.7508E-9
1	Grid	-41.63014	123.58129	106.80000	0.02908	106.78	-4.5097E-12	-88.781E-6	1.7756E-9
1	Grid	-39.63496	123.58129	106.80000	0.02905	106.78	-4.6110E-12	-89.982E-6	1.7996E-9
1	Grid	-37.63978	123.58129	106.80000	0.02898	106.78	-4.7129E-12	-91.139E-6	1.8228E-9
1	Grid	-35.64460	123.58129	106.80000	0.02886	106.78	-4.8108E-12	-92.249E-6	1.8450E-9
1	Grid	-33.64942	123.58129	106.80000	0.02870	106.78	-4.9021E-12	-93.309E-6	1.8662E-9
1	Grid	-31.65424	123.58129	106.80000	0.02849	106.78	-4.9927E-12	-94.314E-6	1.8863E-9
1	Grid	-29.65906	123.58129	106.80000	0.02822	106.78	-5.0733E-12	-95.261E-6	1.9052E-9
1	Grid	-27.66388	123.58129	106.80000	0.02788	106.78	-5.1525E-12	-96.147E-6	1.9229E-9
1	Grid	-25.66871	123.58129	106.80000	0.02747	106.78	-5.2285E-12	-96.968E-6	1.9394E-9
1	Grid	-23.67353	123.58129	106.80000	0.02699	106.78	-5.2984E-12	-97.722E-6	1.9544E-9
1	Grid	-21.67835	123.58129	106.80000	0.02639	106.78	-5.3597E-12	-98.406E-6	1.9681E-9
1	Grid	-19.68317	123.58129	106.80000	0.02571	106.78	-5.4150E-12	-99.016E-6	1.9803E-9
1	Grid	-17.68799	123.58129	106.80000	0.02491	106.78	-5.4623E-12	-99.551E-6	1.9910E-9
1	Grid	-15.69281	123.58129	106.80000	0.02400	106.78	-5.5056E-12	-100.01E-6	2.0002E-9
1	Grid	-13.69763	123.58129	106.80000	0.02299	106.78	-5.5429E-12	-100.39E-6	2.0077E-9
1	Grid	-11.70245	123.58129	106.80000	0.02173	106.78	-5.5682E-12	-100.68E-6	2.0136E-9
1	Grid	-9.70727	123.58129	106.80000	0.02035	106.78	-5.5869E-12	-100.90E-6	2.0179E-9
1	Grid	-7.71209	123.58129	106.80000	0.01877	106.78	-5.5989E-12	-101.03E-6	2.0206E-9
1	Grid	-5.71691	123.58129	106.80000	0.01699	106.78	-5.6029E-12	-101.08E-6	2.0215E-9
1	Grid	-3.72173	123.58129	106.80000	0.01498	106.78	-5.5989E-12	-101.04E-6	2.0208E-9
1	Grid	-1.72655	123.58129	106.80000	0.01270	106.78	-5.5882E-12	-100.92E-6	2.0184E-9
1	Grid	0.26863	123.58129	106.80000	0.01014	106.78	-5.5709E-12	-100.72E-6	2.0144E-9
1	Grid	2.26381	123.58129	106.80000	0.00726	106.78	-5.5416E-12	-100.44E-6	2.0087E-9
1	Grid	4.25899	123.58129	106.80000	0.00402	106.78	-5.5069E-12	-100.07E-6	2.0014E-9
1	Grid	6.25417	123.58129	106.80000	0.00040	106.78	-5.4683E-12	-99.626E-6	1.9925E-9
1	Grid	8.24935	123.58129	106.80000	-0.00366	106.78	-5.4197E-12	-99.103E-6	1.9821E-9
1	Grid	10.24453	123.58129	106.80000	-0.00819	106.78	-5.3624E-12	-98.505E-6	1.9701E-9
1	Grid	12.23971	123.58129	106.80000	-0.01325	106.78	-5.3031E-12	-97.833E-6	1.9567E-9
1	Grid	14.23489	123.58129	106.80000	-0.01889	106.78	-5.2325E-12	-97.091E-6	1.9418E-9
1	Grid	16.23007	123.58129	106.80000	-0.02517	106.78	-5.1612E-12	-96.281E-6	1.9256E-9
1	Grid	18.22525	123.58129	106.80000	-0.03215	106.78	-5.0813E-12	-95.408E-6	1.9081E-9
1	Grid	20.22043	123.58129	106.80000	-0.03990	106.78	-4.9987E-12	-94.469E-6	1.8894E-9
1	Grid	22.21561	123.58129	106.80000	-0.04850	106.78	-4.9107E-12	-93.475E-6	1.8695E-9
1	Grid	24.21079	123.58129	106.80000	-0.05803	106.78	-4.8161E-12	-92.425E-6	1.8485E-9
1	Grid	26.20597	123.58129	106.80000	-0.06858	106.78	-4.7189E-12	-91.325E-6	1.8265E-9
1	Grid	28.20115	123.58129	106.80000	-0.08024	106.78	-4.6216E-12	-90.177E-6	1.8035E-9
1	Grid	30.19633	123.58129	106.80000	-0.09312	106.78	-4.5177E-12	-88.985E-6	1.7797E-9
1	Grid	32.19151	123.58129	106.80000	-0.10734	106.78	-4.4145E-12	-87.753E-6	1.7551E-9
1	Grid	34.18669	123.58129	106.80000	-0.12300	106.78	-4.3066E-12	-86.485E-6	1.7297E-9
1	Grid	36.18187	123.58129	106.80000	-0.14024	106.78	-4.1986E-12	-85.184E-6	1.7037E-9
1	Grid	38.17705	123.58129	106.80000	-0.15920	106.78	-4.0881E-12	-83.858E-6	1.6771E-9
1	Grid	40.17223	123.58129	106.80000	-0.18004	106.78	-3.9762E-12	-82.499E-6	1.6500E-9
1	Grid	42.16741	123.58129	106.80000	-0.20290	106.78	-3.8649E-12	-81.122E-6	1.6224E-9
1	Grid	44.16259	123.58129	106.80000	-0.22797	106.78	-3.7563E-12	-79.727E-6	1.5945E-9
1	Grid	46.15777	123.58129	106.80000	-0.25543	106.78	-3.6431E-12	-78.317E-6	1.5663E-9
1	Grid	48.15295	123.58129	106.80000	-0.28549	106.78	-3.5322E-12	-76.894E-6	1.5379E-9
1	Grid	50.14813	123.58						

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.	
						3244			
						Drg. Ref.			
						Made by AC	Date	Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[MOD]	[mm]	[MOD]	[kN/m²]	[kN/m²]	[µ]
1	Grid	125.96496	123.58129	106.80000	-0.67614	106.78	0.0	-31.037E-6	620.74E-12
1	Grid	127.96014	123.58129	106.80000	-0.60129	106.78	0.0	-30.278E-6	605.57E-12
1	Grid	129.95532	123.58129	106.80000	-0.53373	106.78	0.0	-29.539E-6	590.79E-12
1	Grid	131.95050	123.58129	106.80000	-0.47287	106.78	0.0	-28.820E-6	576.39E-12
1	Grid	133.94568	123.58129	106.80000	-0.41815	106.78	0.0	-28.119E-6	562.38E-12
1	Grid	135.94086	123.58129	106.80000	-0.36905	106.78	0.0	-27.436E-6	548.73E-12
1	Grid	137.93604	123.58129	106.80000	-0.32508	106.78	0.0	-26.772E-6	535.44E-12
1	Grid	139.93122	123.58129	106.80000	-0.28576	106.78	0.0	-26.126E-6	522.51E-12
1	Grid	141.92640	123.58129	106.80000	-0.24896	106.78	0.0	-25.496E-6	509.92E-12
1	Grid	143.92158	123.58129	106.80000	-0.21933	106.78	0.0	-24.883E-6	497.67E-12
1	Grid	145.91676	123.58129	106.80000	-0.19143	106.78	0.0	-24.287E-6	485.75E-12
1	Grid	147.91194	123.58129	106.80000	-0.16659	106.78	0.0	-23.707E-6	474.14E-12
1	Grid	149.90712	123.58129	106.80000	-0.14450	106.78	0.0	-23.143E-6	462.85E-12
1	Grid	151.90230	123.58129	106.80000	-0.12486	106.78	0.0	-22.593E-6	451.86E-12
1	Grid	153.89748	123.58129	106.80000	-0.10741	106.78	0.0	-22.059E-6	441.17E-12
1	Grid	155.89266	123.58129	106.80000	-0.09192	106.78	0.0	-21.538E-6	430.77E-12
1	Grid	157.88784	123.58129	106.80000	-0.07817	106.78	0.0	-21.032E-6	420.65E-12
1	Grid	159.88302	123.58129	106.80000	-0.06598	106.78	0.0	-20.540E-6	410.80E-12
1	Grid	161.87820	123.58129	106.80000	-0.05516	106.78	0.0	-20.061E-6	401.21E-12
1	Grid	163.87338	123.58129	106.80000	-0.04559	106.78	0.0	-19.594E-6	391.89E-12
1	Grid	165.86856	123.58129	106.80000	-0.03711	106.78	0.0	-19.141E-6	382.82E-12
1	Grid	167.86374	123.58129	106.80000	-0.02960	106.78	0.0	-18.699E-6	373.99E-12
1	Grid	169.85892	123.58129	106.80000	-0.02297	106.78	0.0	-18.270E-6	365.40E-12
1	Grid	171.85410	123.58129	106.80000	-0.01711	106.78	0.0	-17.852E-6	357.04E-12
1	Grid	173.84928	123.58129	106.80000	-0.01193	106.78	0.0	-17.445E-6	348.91E-12
1	Grid	175.84446	123.58129	106.80000	-0.00738	106.78	0.0	-17.049E-6	340.99E-12
1	Grid	177.83964	123.58129	106.80000	-0.00336	106.78	0.0	-16.664E-6	333.29E-12
1	Grid	179.83482	123.58129	106.80000	0.00016	106.78	0.0	-16.289E-6	325.79E-12
1	Grid	181.83000	123.58129	106.80000	0.00326	106.78	0.0	-15.925E-6	318.49E-12
1	Grid	-95.50000	125.45604	106.80000	0.02305	106.78	-1.7333E-12	-50.236E-6	1.0047E-9
1	Grid	-93.50482	125.45604	106.80000	0.02336	106.78	-1.8019E-12	-51.425E-6	1.0285E-9
1	Grid	-91.50964	125.45604	106.80000	0.02367	106.78	-1.8732E-12	-52.633E-6	1.0527E-9
1	Grid	-89.51446	125.45604	106.80000	0.02398	106.78	-1.9491E-12	-53.861E-6	1.0772E-9
1	Grid	-87.51928	125.45604	106.80000	0.02428	106.78	-2.0250E-12	-55.106E-6	1.1021E-9
1	Grid	-85.52410	125.45604	106.80000	0.02458	106.78	-2.1023E-12	-56.368E-6	1.1274E-9
1	Grid	-83.52892	125.45604	106.80000	0.02488	106.78	-2.1823E-12	-57.646E-6	1.1529E-9
1	Grid	-81.53374	125.45604	106.80000	0.02518	106.78	-2.2662E-12	-58.939E-6	1.1788E-9
1	Grid	-79.53856	125.45604	106.80000	0.02547	106.78	-2.3515E-12	-60.246E-6	1.2049E-9
1	Grid	-77.54338	125.45604	106.80000	0.02576	106.78	-2.4387E-12	-61.565E-6	1.2313E-9
1	Grid	-75.54820	125.45604	106.80000	0.02604	106.78	-2.5280E-12	-62.895E-6	1.2579E-9
1	Grid	-73.55302	125.45604	106.80000	0.02632	106.78	-2.6179E-12	-64.234E-6	1.2847E-9
1	Grid	-71.55784	125.45604	106.80000	0.02659	106.78	-2.7118E-12	-65.580E-6	1.3116E-9
1	Grid	-69.56266	125.45604	106.80000	0.02686	106.78	-2.8058E-12	-66.932E-6	1.3386E-9
1	Grid	-67.56748	125.45604	106.80000	0.02711	106.78	-2.9023E-12	-68.287E-6	1.3657E-9
1	Grid	-65.57230	125.45604	106.80000	0.02735	106.78	-2.9989E-12	-69.644E-6	1.3929E-9
1	Grid	-63.57712	125.45604	106.80000	0.02759	106.78	-3.0975E-12	-70.999E-6	1.4200E-9
1	Grid	-61.58194	125.45604	106.80000	0.02781	106.78	-3.1981E-12	-72.351E-6	1.4470E-9
1	Grid	-59.58676	125.45604	106.80000	0.02803	106.78	-3.2967E-12	-73.697E-6	1.4739E-9
1	Grid	-57.59158	125.45604	106.80000	0.02823	106.78	-3.3966E-12	-75.034E-6	1.5007E-9
1	Grid	-55.59640	125.45604	106.80000	0.02841	106.78	-3.5012E-12	-76.359E-6	1.5272E-9
1	Grid	-53.60122	125.45604	106.80000	0.02858	106.78	-3.6025E-12	-77.669E-6	1.5534E-9
1	Grid	-51.60604	125.45604	106.80000	0.02873	106.78	-3.7044E-12	-78.962E-6	1.5792E-9
1	Grid	-49.61086	125.45604	106.80000	0.02886	106.78	-3.8050E-12	-80.234E-6	1.6047E-9
1	Grid	-47.61568	125.45604	106.80000	0.02897	106.78	-3.9049E-12	-81.481E-6	1.6296E-9
1	Grid	-45.62050	125.45604	106.80000	0.02905	106.78	-4.0015E-12	-82.701E-6	1.6540E-9
1	Grid	-43.62532	125.45604	106.80000	0.02911	106.78	-4.1001E-12	-83.891E-6	1.6778E-9
1	Grid	-41.63014	125.45604	106.80000	0.02913	106.78	-4.1953E-12	-85.046E-6	1.7009E-9
1	Grid	-39.63496	125.45604	106.80000	0.02912	106.78	-4.2886E-12	-86.163E-6	1.7233E-9
1	Grid	-37.63978	125.45604	106.80000	0.02908	106.78	-4.3785E-12	-87.240E-6	1.7448E-9
1	Grid	-35.64460	125.45604	106.80000	0.02899	106.78	-4.4644E-12	-88.272E-6	1.7654E-9
1	Grid	-33.64942	125.45604	106.80000	0.02886	106.78	-4.5490E-12	-89.256E-6	1.7851E-9
1	Grid	-31.65424	125.45604	106.80000	0.02868	106.78	-4.6316E-12	-90.189E-6	1.8038E-9
1	Grid	-29.65906	125.45604	106.80000	0.02844	106.78	-4.7036E-12	-91.068E-6	1.8214E-9
1	Grid	-27.66388	125.45604	106.80000	0.02813	106.78	-4.7782E-12	-91.890E-6	1.8378E-9
1	Grid	-25.66871	125.45604	106.80000	0.02776	106.78	-4.8415E-12	-92.652E-6	1.8530E-9
1	Grid	-23.67353	125.45604	106.80000	0.02731	106.78	-4.9047E-12	-93.350E-6	1.8670E-9
1	Grid	-21.67835	125.45604	106.80000	0.02678	106.78	-4.9607E-12	-93.983E-6	1.8797E-9
1	Grid	-19.68317	125.45604	106.80000	0.02615	106.78	-5.0120E-12	-94.549E-6	1.8910E-9
1	Grid	-17.68799	125.45604	106.80000	0.02541	106.78	-5.0533E-12	-95.044E-6	1.9009E-9
1	Grid	-15.69281	125.45604	106.80000	0.02456	106.78	-5.0906E-12	-95.467E-6	1.9093E-9
1	Grid	-13.69763	125.45604	106.80000	0.02357	106.78	-5.1219E-12	-95.817E-6	1.9163E-9
1	Grid	-11.70245	125.45604	106.80000	0.02244	106.78	-5.1472E-12	-96.092E-6	1.9218E-9
1	Grid	-9.70727	125.45604	106.80000	0.02115	106.78	-5.1632E-12	-96.290E-6	1.9258E-9
1	Grid	-7.71209	125.45604	106.80000	0.01968	106.78	-5.1732E-12	-96.412E-6	1.9282E-9
1	Grid	-5.71691	125.45604	106.80000	0.01801	106.78	-5.1812E-12	-96.457E-6	1.9291E-9
1	Grid	-3.72173	125.45604	106.80000	0.01613	106.78	-5.1772E-12	-96.424E-6	1.9285E-9
1	Grid	-1.72655	125.45604	106.80000	0.01399	106.78	-5.1625E-12	-96.339E-6	1.9263E-9
1	Grid	0.26863	125.45604	106.80000	0.01159	106.78	-5.1479E-12	-96.127E-6	1.9225E-9
1	Grid	2.26381	125.45604	106.80000	0.00889	106.78	-5.1266E-12	-95.865E-6	1.9173E-9
1	Grid	4.25899	125.45604	106.80000	0.00587	106.78	-5.0926E-12	-95.527E-6	1.9105E-9
1	Grid	6.25417	125.45604	106.80000	0.00248	106.78	-5.0573E-12	-95.115E-6	1.9023E-9
1	Grid	8.24935	125.45604	106.80000	-0.00131	106.78	-5.0160E-12	-94.631E-6	1.8926E-9
1	Grid	10.24453	125.45604	106.80000	-0.00555	106.78	-4.9647E-12	-94.077E-6	1.8815E-9
1	Grid	12.23971	125.45604	106.80000	-0.01027	106.78	-4.9081E-12	-93.455E-6	1.8691E-9
1	Grid	14.23489	125.45604	106.80000	-0.01552	106.78	-4.8495E-12	-92.767E-6	1.8553E-9
1	Grid	16.23007	125.45604	106.80000	-0.02136	106.78	-4.7802E-12	-92.016E-6	1.8403E-9
1	Grid	18.22525	125.45604	106.80000	-0.02785	106.78	-4.7012E-12	-91.205E-6	1.8241E-9
1	Grid	20.22043	125.45604	106.80000	-0.03505	106.78	-4.6363E-12	-90.336E-6	1.8067E-9
1	Grid	22.21561	125.45604	106.80000	-0.04302	106.78	-4.5564E-12	-89.413E-6	1.7883E-9
1	Grid	24.21079	125.45604	106.80000	-0.05184	106.78	-4.4751E-12	-88.438E-6	1.7688E-9
1	Grid	26.20597	125.45604	106.80000	-0.06159	106.78	-4.3845E-12	-87.415E-6	1.7483E-9
1	Grid	28.20115	125.45604	106.80000	-0.07235	106.78	-4.2966E-12	-86.348E-6	1.7270E-9
1	Grid	30.1963							

Oasys							Job No.	Sheet No.	Rev.
Highgate Junior School Sports Hall							3244		
Unloading and Loading Long Term									
							Drg. Ref.		
							Made by	Date	Checked
							AC		
Ref.	Name	x	y	z	δz	Stress: Calc. Level [mD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[MOD]	[mm]				
1	Grid	106.01317	125.45604	106.80000	-1.68991	106.78	-1.1198E-12	-38.796E-6	775.92E-12
1	Grid	108.00835	125.45604	106.80000	-1.53625	106.78	-1.0771E-12	-37.860E-6	757.21E-12
1	Grid	110.00353	125.45604	106.80000	-1.39499	106.78	-1.0345E-12	-36.946E-6	738.93E-12
1	Grid	111.99871	125.45604	106.80000	-1.26506	106.78	0.0	-36.054E-6	721.07E-12
1	Grid	113.99388	125.45604	106.80000	-1.14550	106.78	0.0	-35.182E-6	703.64E-12
1	Grid	115.98906	125.45604	106.80000	-1.03550	106.78	0.0	-34.331E-6	686.62E-12
1	Grid	117.98424	125.45604	106.80000	-0.93434	106.78	0.0	-33.501E-6	670.01E-12
1	Grid	119.97942	125.45604	106.80000	-0.84142	106.78	0.0	-32.690E-6	653.81E-12
1	Grid	121.97460	125.45604	106.80000	-0.75620	106.78	0.0	-31.900E-6	638.01E-12
1	Grid	123.96978	125.45604	106.80000	-0.67819	106.78	0.0	-31.130E-6	622.60E-12
1	Grid	125.96496	125.45604	106.80000	-0.60693	106.78	0.0	-30.379E-6	607.57E-12
1	Grid	127.96014	125.45604	106.80000	-0.54200	106.78	0.0	-29.646E-6	592.92E-12
1	Grid	129.95532	125.45604	106.80000	-0.48297	106.78	0.0	-28.933E-6	578.65E-12
1	Grid	131.95050	125.45604	106.80000	-0.42945	106.78	0.0	-28.237E-6	564.74E-12
1	Grid	133.94568	125.45604	106.80000	-0.38103	106.78	0.0	-27.559E-6	551.19E-12
1	Grid	135.94086	125.45604	106.80000	-0.33734	106.78	0.0	-26.899E-6	537.99E-12
1	Grid	137.93604	125.45604	106.80000	-0.29799	106.78	0.0	-26.256E-6	525.13E-12
1	Grid	139.93122	125.45604	106.80000	-0.26261	106.78	0.0	-25.630E-6	512.61E-12
1	Grid	141.92640	125.45604	106.80000	-0.23086	106.78	0.0	-25.020E-6	500.41E-12
1	Grid	143.92158	125.45604	106.80000	-0.20242	106.78	0.0	-24.427E-6	488.53E-12
1	Grid	145.91676	125.45604	106.80000	-0.17696	106.78	0.0	-23.848E-6	476.97E-12
1	Grid	147.91194	125.45604	106.80000	-0.15421	106.78	0.0	-23.285E-6	465.71E-12
1	Grid	149.90712	125.45604	106.80000	-0.13390	106.78	0.0	-22.737E-6	454.75E-12
1	Grid	151.90230	125.45604	106.80000	-0.11578	106.78	0.0	-22.204E-6	444.08E-12
1	Grid	153.89748	125.45604	106.80000	-0.09963	106.78	0.0	-21.684E-6	433.69E-12
1	Grid	155.89266	125.45604	106.80000	-0.08525	106.78	0.0	-21.179E-6	423.57E-12
1	Grid	157.88784	125.45604	106.80000	-0.07245	106.78	0.0	-20.686E-6	413.73E-12
1	Grid	159.88302	125.45604	106.80000	-0.06107	106.78	0.0	-20.207E-6	404.15E-12
1	Grid	161.87820	125.45604	106.80000	-0.05096	106.78	0.0	-19.741E-6	394.82E-12
1	Grid	163.87338	125.45604	106.80000	-0.04198	106.78	0.0	-19.287E-6	385.74E-12
1	Grid	165.86856	125.45604	106.80000	-0.03401	106.78	0.0	-18.845E-6	376.90E-12
1	Grid	167.86374	125.45604	106.80000	-0.02695	106.78	0.0	-18.415E-6	368.30E-12
1	Grid	169.85892	125.45604	106.80000	-0.02070	106.78	0.0	-17.996E-6	359.92E-12
1	Grid	171.85410	125.45604	106.80000	-0.01517	106.78	0.0	-17.588E-6	351.77E-12
1	Grid	173.84928	125.45604	106.80000	-0.01028	106.78	0.0	-17.192E-6	343.83E-12
1	Grid	175.84446	125.45604	106.80000	-0.00597	106.78	0.0	-16.805E-6	336.11E-12
1	Grid	177.83964	125.45604	106.80000	-0.00217	106.78	0.0	-16.429E-6	328.58E-12
1	Grid	179.83482	125.45604	106.80000	0.00118	106.78	0.0	-16.063E-6	321.26E-12
1	Grid	181.83000	125.45604	106.80000	0.00411	106.78	0.0	-15.707E-6	314.13E-12
1	Grid	-95.50000	127.33079	106.80000	0.02286	106.78	-1.6480E-12	-48.753E-6	975.06E-12
1	Grid	-93.50482	127.33079	106.80000	0.02317	106.78	-1.7126E-12	-49.884E-6	997.68E-12
1	Grid	-91.50964	127.33079	106.80000	0.02348	106.78	-1.7799E-12	-51.032E-6	1.0206E-9
1	Grid	-89.51446	127.33079	106.80000	0.02379	106.78	-1.8472E-12	-52.197E-6	1.0439E-9
1	Grid	-87.51928	127.33079	106.80000	0.02410	106.78	-1.9185E-12	-53.378E-6	1.0676E-9
1	Grid	-85.52410	127.33079	106.80000	0.02440	106.78	-1.9924E-12	-54.574E-6	1.0915E-9
1	Grid	-83.52892	127.33079	106.80000	0.02470	106.78	-2.0677E-12	-55.785E-6	1.1157E-9
1	Grid	-81.53374	127.33079	106.80000	0.02500	106.78	-2.1410E-12	-57.008E-6	1.1402E-9
1	Grid	-79.53856	127.33079	106.80000	0.02530	106.78	-2.2216E-12	-58.244E-6	1.1649E-9
1	Grid	-77.54338	127.33079	106.80000	0.02559	106.78	-2.3028E-12	-59.490E-6	1.1898E-9
1	Grid	-75.54820	127.33079	106.80000	0.02587	106.78	-2.3834E-12	-60.746E-6	1.2149E-9
1	Grid	-73.55302	127.33079	106.80000	0.02615	106.78	-2.4680E-12	-62.009E-6	1.2402E-9
1	Grid	-71.55784	127.33079	106.80000	0.02643	106.78	-2.5533E-12	-63.278E-6	1.2656E-9
1	Grid	-69.56266	127.33079	106.80000	0.02670	106.78	-2.6372E-12	-64.551E-6	1.2910E-9
1	Grid	-67.56748	127.33079	106.80000	0.02696	106.78	-2.7272E-12	-65.826E-6	1.3165E-9
1	Grid	-65.57230	127.33079	106.80000	0.02721	106.78	-2.8164E-12	-67.102E-6	1.3420E-9
1	Grid	-63.57712	127.33079	106.80000	0.02746	106.78	-2.9036E-12	-68.375E-6	1.3675E-9
1	Grid	-61.58194	127.33079	106.80000	0.02769	106.78	-2.9976E-12	-69.644E-6	1.3929E-9
1	Grid	-59.58676	127.33079	106.80000	0.02792	106.78	-3.0935E-12	-70.907E-6	1.4181E-9
1	Grid	-57.59158	127.33079	106.80000	0.02812	106.78	-3.1835E-12	-72.160E-6	1.4432E-9
1	Grid	-55.59640	127.33079	106.80000	0.02832	106.78	-3.2760E-12	-73.401E-6	1.4680E-9
1	Grid	-53.60122	127.33079	106.80000	0.02850	106.78	-3.3666E-12	-74.627E-6	1.4925E-9
1	Grid	-51.60604	127.33079	106.80000	0.02866	106.78	-3.4599E-12	-75.836E-6	1.5167E-9
1	Grid	-49.61086	127.33079	106.80000	0.02881	106.78	-3.5512E-12	-77.025E-6	1.5405E-9
1	Grid	-47.61568	127.33079	106.80000	0.02893	106.78	-3.6424E-12	-78.190E-6	1.5638E-9
1	Grid	-45.62050	127.33079	106.80000	0.02903	106.78	-3.7323E-12	-79.328E-6	1.5866E-9
1	Grid	-43.62532	127.33079	106.80000	0.02910	106.78	-3.8196E-12	-80.438E-6	1.6088E-9
1	Grid	-41.63014	127.33079	106.80000	0.02915	106.78	-3.9062E-12	-81.514E-6	1.6303E-9
1	Grid	-39.63496	127.33079	106.80000	0.02916	106.78	-3.9908E-12	-82.555E-6	1.6511E-9
1	Grid	-37.63978	127.33079	106.80000	0.02914	106.78	-4.0714E-12	-83.557E-6	1.6711E-9
1	Grid	-35.64460	127.33079	106.80000	0.02907	106.78	-4.1507E-12	-84.517E-6	1.6903E-9
1	Grid	-33.64942	127.33079	106.80000	0.02897	106.78	-4.2253E-12	-85.439E-6	1.7087E-9
1	Grid	-31.65424	127.33079	106.80000	0.02881	106.78	-4.3006E-12	-86.300E-6	1.7260E-9
1	Grid	-29.65906	127.33079	106.80000	0.02861	106.78	-4.3678E-12	-87.117E-6	1.7423E-9
1	Grid	-27.66388	127.33079	106.80000	0.02834	106.78	-4.4311E-12	-87.880E-6	1.7576E-9
1	Grid	-25.66871	127.33079	106.80000	0.02801	106.78	-4.4911E-12	-88.587E-6	1.7717E-9
1	Grid	-23.67353	127.33079	106.80000	0.02765	106.78	-4.5450E-12	-89.235E-6	1.7847E-9
1	Grid	-21.67835	127.33079	106.80000	0.02711	106.78	-4.5970E-12	-89.822E-6	1.7964E-9
1	Grid	-19.68317	127.33079	106.80000	0.02653	106.78	-4.6410E-12	-90.346E-6	1.8069E-9
1	Grid	-17.68799	127.33079	106.80000	0.02585	106.78	-4.6796E-12	-90.806E-6	1.8161E-9
1	Grid	-15.69281	127.33079	106.80000	0.02506	106.78	-4.7136E-12	-91.198E-6	1.8240E-9
1	Grid	-13.69763	127.33079	106.80000	0.02414	106.78	-4.7455E-12	-91.522E-6	1.8304E-9
1	Grid	-11.70245	127.33079	106.80000	0.02309	106.78	-4.7642E-12	-91.764E-6	1.8355E-9
1	Grid	-9.70727	127.33079	106.80000	0.02189	106.78	-4.7822E-12	-91.961E-6	1.8392E-9
1	Grid	-7.71209	127.33079	106.80000	0.02052	106.78	-4.7908E-12	-92.074E-6	1.8415E-9
1	Grid	-5.71691	127.33079	106.80000	0.01896	106.78	-4.7928E-12	-92.116E-6	1.8423E-9
1	Grid	-3.72173	127.33079	106.80000	0.01719	106.78	-4.7908E-12	-92.085E-6	1.8417E-9
1	Grid	-1.72655	127.33079	106.80000	0.01520	106.78	-4.7828E-12	-91.948E-6	1.8397E-9
1	Grid	0.268636							



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]
1	Grid	96.06137	127.33079	106.80000	-1.38089	106.78	-1.5967E-12	-47.902E-6	958.04E-12
1	Grid	88.05655	127.33079	106.80000	-1.49739	106.78	-1.5361E-12	-46.806E-6	936.13E-12
1	Grid	90.05173	127.33079	106.80000	-1.61772	106.78	-1.4755E-12	-45.730E-6	914.60E-12
1	Grid	92.04691	127.33079	106.80000	-1.73503	106.78	-1.4209E-12	-44.673E-6	893.45E-12
1	Grid	94.04209	127.33079	106.80000	-1.83232	106.78	-1.3636E-12	-43.635E-6	872.70E-12
1	Grid	96.03727	127.33079	106.80000	-1.97675	106.78	-1.3116E-12	-42.617E-6	852.34E-12
1	Grid	98.03245	127.33079	106.80000	-2.14553	106.78	-1.2603E-12	-41.619E-6	832.38E-12
1	Grid	100.02763	127.33079	106.80000	-2.34009	106.78	-1.2110E-12	-40.641E-6	812.83E-12
1	Grid	102.02281	127.33079	106.80000	-2.56058	106.78	-1.1637E-12	-39.684E-6	793.67E-12
1	Grid	104.01799	127.33079	106.80000	-2.80835	106.78	-1.1178E-12	-38.746E-6	774.93E-12
1	Grid	106.01317	127.33079	106.80000	-3.08406	106.78	-1.0731E-12	-37.829E-6	756.58E-12
1	Grid	108.00835	127.33079	106.80000	-3.39715	106.78	-1.0325E-12	-36.932E-6	738.64E-12
1	Grid	110.00353	127.33079	106.80000	-3.74909	106.78	0.0	-36.055E-6	721.09E-12
1	Grid	111.99871	127.33079	106.80000	-4.15035	106.78	0.0	-35.197E-6	703.94E-12
1	Grid	113.99388	127.33079	106.80000	-4.60252	106.78	0.0	-34.359E-6	687.19E-12
1	Grid	115.98906	127.33079	106.80000	-5.10719	106.78	0.0	-33.541E-6	670.82E-12
1	Grid	117.98424	127.33079	106.80000	-5.67404	106.78	0.0	-32.742E-6	654.84E-12
1	Grid	119.97942	127.33079	106.80000	-6.31144	106.78	0.0	-31.962E-6	639.24E-12
1	Grid	121.97460	127.33079	106.80000	-7.02111	106.78	0.0	-31.201E-6	624.01E-12
1	Grid	123.96978	127.33079	106.80000	-7.80542	106.78	0.0	-30.458E-6	609.16E-12
1	Grid	125.96496	127.33079	106.80000	-8.67609	106.78	0.0	-29.733E-6	594.67E-12
1	Grid	127.96014	127.33079	106.80000	-9.63570	106.78	0.0	-29.026E-6	580.53E-12
1	Grid	129.95532	127.33079	106.80000	-10.68655	106.78	0.0	-28.337E-6	566.75E-12
1	Grid	131.95050	127.33079	106.80000	-11.83121	106.78	0.0	-27.665E-6	553.31E-12
1	Grid	133.94568	127.33079	106.80000	-13.07333	106.78	0.0	-27.010E-6	540.21E-12
1	Grid	135.94086	127.33079	106.80000	-14.41640	106.78	0.0	-26.372E-6	527.44E-12
1	Grid	137.93604	127.33079	106.80000	-15.86300	106.78	0.0	-25.750E-6	514.99E-12
1	Grid	139.93122	127.33079	106.80000	-17.41765	106.78	0.0	-25.143E-6	502.86E-12
1	Grid	141.92640	127.33079	106.80000	-19.08480	106.78	0.0	-24.552E-6	491.05E-12
1	Grid	143.92158	127.33079	106.80000	-20.86814	106.78	0.0	-23.977E-6	479.54E-12
1	Grid	145.91676	127.33079	106.80000	-22.77237	106.78	0.0	-23.416E-6	468.32E-12
1	Grid	147.91194	127.33079	106.80000	-24.80219	106.78	0.0	-22.870E-6	457.40E-12
1	Grid	149.90712	127.33079	106.80000	-26.96135	106.78	0.0	-22.338E-6	446.76E-12
1	Grid	151.90230	127.33079	106.80000	-29.25350	106.78	0.0	-21.820E-6	436.40E-12
1	Grid	153.89748	127.33079	106.80000	-31.68239	106.78	0.0	-21.315E-6	426.30E-12
1	Grid	155.89266	127.33079	106.80000	-34.26260	106.78	0.0	-20.824E-6	416.47E-12
1	Grid	157.88784	127.33079	106.80000	-36.99880	106.78	0.0	-20.345E-6	406.90E-12
1	Grid	159.88302	127.33079	106.80000	-39.89569	106.78	0.0	-19.879E-6	397.58E-12
1	Grid	161.87820	127.33079	106.80000	-42.95888	106.78	0.0	-19.425E-6	388.50E-12
1	Grid	163.87338	127.33079	106.80000	-46.19407	106.78	0.0	-18.983E-6	379.66E-12
1	Grid	165.86856	127.33079	106.80000	-49.60686	106.78	0.0	-18.552E-6	371.05E-12
1	Grid	167.86374	127.33079	106.80000	-53.20301	106.78	0.0	-18.133E-6	362.66E-12
1	Grid	169.85892	127.33079	106.80000	-56.98900	106.78	0.0	-17.725E-6	354.50E-12
1	Grid	171.85410	127.33079	106.80000	-60.96861	106.78	0.0	-17.327E-6	346.55E-12
1	Grid	173.84928	127.33079	106.80000	-65.14244	106.78	0.0	-16.940E-6	338.81E-12
1	Grid	175.84446	127.33079	106.80000	-69.50619	106.78	0.0	-16.567E-6	331.26E-12
1	Grid	177.83964	127.33079	106.80000	-74.06550	106.78	0.0	-16.196E-6	323.92E-12
1	Grid	179.83482	127.33079	106.80000	-78.81500	106.78	0.0	-15.838E-6	316.77E-12
1	Grid	181.83000	127.33079	106.80000	-83.76039	106.78	0.0	-15.490E-6	309.80E-12
1	Grid	183.82518	127.33079	106.80000	-88.90739	106.78	-1.5681E-12	-47.321E-6	946.42E-12
1	Grid	185.82036	127.33079	106.80000	-94.26060	106.78	-1.6274E-12	-48.396E-6	957.92E-12
1	Grid	187.81554	127.33079	106.80000	-99.81569	106.78	-1.6893E-12	-49.487E-6	969.75E-12
1	Grid	189.81072	127.33079	106.80000	-105.57829	106.78	-1.7526E-12	-50.594E-6	981.91E-12
1	Grid	191.80590	127.33079	106.80000	-111.55400	106.78	-1.8192E-12	-51.715E-6	994.43E-12
1	Grid	193.80108	127.33079	106.80000	-117.74840	106.78	-1.8885E-12	-52.849E-6	1.0073E-9
1	Grid	195.79626	127.33079	106.80000	-124.15640	106.78	-1.9564E-12	-53.994E-6	1.0204E-9
1	Grid	197.79144	127.33079	106.80000	-130.78260	106.78	-2.0284E-12	-55.154E-6	1.0331E-9
1	Grid	199.78662	127.33079	106.80000	-137.63160	106.78	-2.1010E-12	-56.323E-6	1.0455E-9
1	Grid	201.78180	127.33079	106.80000	-144.70000	106.78	-2.1743E-12	-57.501E-6	1.0579E-9
1	Grid	203.77698	127.33079	106.80000	-151.99440	106.78	-2.2462E-12	-58.687E-6	1.0703E-9
1	Grid	205.77216	127.33079	106.80000	-159.51920	106.78	-2.3255E-12	-59.879E-6	1.0827E-9
1	Grid	207.76734	127.33079	106.80000	-167.27000	106.78	-2.4067E-12	-61.075E-6	1.0951E-9
1	Grid	209.76252	127.33079	106.80000	-175.24160	106.78	-2.4873E-12	-62.275E-6	1.1075E-9
1	Grid	211.75770	127.33079	106.80000	-183.43960	106.78	-2.5673E-12	-63.476E-6	1.1199E-9
1	Grid	213.75288	127.33079	106.80000	-191.86000	106.78	-2.6479E-12	-64.676E-6	1.1323E-9
1	Grid	215.74806	127.33079	106.80000	-200.50800	106.78	-2.7318E-12	-65.876E-6	1.1447E-9
1	Grid	217.74324	127.33079	106.80000	-209.37840	106.78	-2.8151E-12	-67.065E-6	1.1571E-9
1	Grid	219.73842	127.33079	106.80000	-218.47600	106.78	-2.8990E-12	-68.250E-6	1.1695E-9
1	Grid	221.73360	127.33079	106.80000	-227.79600	106.78	-2.9836E-12	-69.425E-6	1.1819E-9
1	Grid	223.72878	127.33079	106.80000	-237.33440	106.78	-3.0682E-12	-70.588E-6	1.1943E-9
1	Grid	225.72396	127.33079	106.80000	-247.08640	106.78	-3.1535E-12	-71.737E-6	1.2067E-9
1	Grid	227.71914	127.33079	106.80000	-257.05840	106.78	-3.2374E-12	-72.868E-6	1.2191E-9
1	Grid	229.71432	127.33079	106.80000	-267.24640	106.78	-3.3180E-12	-73.980E-6	1.2315E-9
1	Grid	231.70950	127.33079	106.80000	-277.64640	106.78	-3.3999E-12	-75.069E-6	1.2439E-9
1	Grid	233.70468	127.33079	106.80000	-288.26400	106.78	-3.4819E-12	-76.133E-6	1.2563E-9
1	Grid	235.69986	127.33079	106.80000	-299.09600	106.78	-3.5638E-12	-77.167E-6	1.2687E-9
1	Grid	237.69504	127.33079	106.80000	-310.14800	106.78	-3.6391E-12	-78.172E-6	1.2811E-9
1	Grid	239.69022	127.33079	106.80000	-321.42400	106.78	-3.7170E-12	-79.143E-6	1.2935E-9
1	Grid	241.68540	127.33079	106.80000	-332.92000	106.78	-3.7910E-12	-80.077E-6	1.3059E-9
1	Grid	243.68058	127.33079	106.80000	-344.63200	106.78	-3.8629E-12	-80.971E-6	1.3183E-9
1	Grid	245.67576	127.33079	106.80000	-356.55600	106.78	-3.9289E-12	-81.823E-6	1.3307E-9
1	Grid	247.67094	127.33079	106.80000	-368.69600	106.78	-3.9955E-12	-82.630E-6	1.3431E-9
1	Grid	249.66612	127.33079	106.80000	-381.05600	106.78	-4.0561E-12	-83.389E-6	1.3555E-9
1	Grid	251.66130	127.33079	106.80000	-393.63200	106.78	-4.1147E-12	-84.099E-6	1.3679E-9
1	Grid	253.65648	127.33079	106.80000	-406.42800	106.78	-4.1707E-12	-84.756E-6	1.3803E-9
1	Grid	255.65166	127.33079	106.80000	-419.44800	106.78	-4.2206E-12	-85.363E-6	1.3927E-9
1	Grid	257.64684	127.33079	106.80000	-432.68800	106.78	-4.2653E-12	-85.903E-6	1.4051E-9
1	Grid	259.64202	127.33079	106.80000	-446.14400	106.78	-4.3032E-12	-86.390E-6	1.4175E-9
1	Grid	261.63720	127.33079	106.80000	-459.81200	106.78	-4.3412E-12	-86.816E-6	1.4300E-9
1	Grid	263.63238	127.33079	106.80000	-473.69600	106.78	-4.3705E-12	-87.180E-6	1.4424E-9
1	Grid	265.62756	127.33079	106.80000	-487.79200	106.78	-4.3958E-12	-87.481E-6	1.4548E-9
1	Grid	267.62274	127.33079	106.80000	-502.09600	106.78	-4.4151E-12	-87.717E-6	1.4672E-9
1	Grid	269.61792	127.33079	106.80000	-516.61200	106.78	-4.4291E-12	-87.888E-6	1.4796E-9
1	Grid	271.61310	127.33079	106.80000	-531.33600	106.78	-4.4365E-12	-87.993E-6	1.4920E-9
1	Grid	273.60828	127.33079	106.80000	-546.27200	106.78	-4.4398E-12	-88.031E-6	1.5044E-9
1	Grid	275.60346	127.33079	106.80000	-561.41600	106.78	-4.4371E-12	-88.004E-6	1.5168E-9
1	Grid	277.59864	127.33079	106.80000	-576.77200	106.78	-4.4285E-12	-87.909E-6	1.5292E-9
1	Grid	279.59382							



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	66.10957	129.20554	106.80000	-0.51498	106.78	-2.1863E-12	-57.753E-6	1.1551E-9
1	Grid	68.10475	129.20554	106.80000	-0.56302	106.78	-2.1110E-12	-56.576E-6	1.1315E-9
1	Grid	70.09993	129.20554	106.80000	-0.61644	106.78	-2.0397E-12	-55.408E-6	1.1082E-9
1	Grid	72.09511	129.20554	106.80000	-0.67005	106.78	-1.9664E-12	-54.250E-6	1.0850E-9
1	Grid	74.09029	129.20554	106.80000	-0.72944	106.78	-1.8978E-12	-53.103E-6	1.0621E-9
1	Grid	76.0847	129.20554	106.80000	-0.79297	106.78	-1.8305E-12	-51.968E-6	1.0394E-9
1	Grid	78.08065	129.20554	106.80000	-0.86076	106.78	-1.7626E-12	-50.847E-6	1.0169E-9
1	Grid	80.07583	129.20554	106.80000	-0.93283	106.78	-1.7000E-12	-49.740E-6	994.81E-12
1	Grid	82.07101	129.20554	106.80000	-1.00906	106.78	-1.6374E-12	-48.648E-6	972.96E-12
1	Grid	84.06619	129.20554	106.80000	-1.08900	106.78	-1.5774E-12	-47.572E-6	951.44E-12
1	Grid	86.06137	129.20554	106.80000	-1.17171	106.78	-1.5181E-12	-46.512E-6	930.23E-12
1	Grid	88.05655	129.20554	106.80000	-1.25533	106.78	-1.4608E-12	-45.468E-6	909.37E-12
1	Grid	90.05173	129.20554	106.80000	-1.33638	106.78	-1.4075E-12	-44.442E-6	888.85E-12
1	Grid	92.04691	129.20554	106.80000	-1.40864	106.78	-1.3543E-12	-43.434E-6	868.68E-12
1	Grid	94.04209	129.20554	106.80000	-1.46213	106.78	-1.3023E-12	-42.443E-6	848.87E-12
1	Grid	96.03727	129.20554	106.80000	-1.52480	106.78	-1.2543E-12	-41.471E-6	829.42E-12
1	Grid	98.03245	129.20554	106.80000	-1.47030	106.78	-1.2070E-12	-40.517E-6	810.34E-12
1	Grid	100.02763	129.20554	106.80000	-1.42390	106.78	-1.1584E-12	-39.582E-6	791.64E-12
1	Grid	102.02281	129.20554	106.80000	-1.35662	106.78	-1.1138E-12	-38.665E-6	773.30E-12
1	Grid	104.01799	129.20554	106.80000	-1.27800	106.78	-1.0718E-12	-37.767E-6	755.34E-12
1	Grid	106.01317	129.20554	106.80000	-1.19243	106.78	-1.0292E-12	-36.888E-6	737.76E-12
1	Grid	108.00835	129.20554	106.80000	-1.10959	106.78	0.0	-36.027E-6	720.54E-12
1	Grid	110.00353	129.20554	106.80000	-1.02598	106.78	0.0	-35.185E-6	703.70E-12
1	Grid	111.99871	129.20554	106.80000	-0.94491	106.78	0.0	-34.362E-6	687.23E-12
1	Grid	113.99388	129.20554	106.80000	-0.86722	106.78	0.0	-33.557E-6	671.13E-12
1	Grid	115.98906	129.20554	106.80000	-0.79125	106.78	0.0	-32.770E-6	655.39E-12
1	Grid	117.98424	129.20554	106.80000	-0.72362	106.78	0.0	-32.001E-6	640.02E-12
1	Grid	119.97942	129.20554	106.80000	-0.65811	106.78	0.0	-31.250E-6	624.99E-12
1	Grid	121.97460	129.20554	106.80000	-0.59686	106.78	0.0	-30.516E-6	610.33E-12
1	Grid	123.96978	129.20554	106.80000	-0.53983	106.78	0.0	-29.800E-6	596.00E-12
1	Grid	125.96496	129.20554	106.80000	-0.48694	106.78	0.0	-29.101E-6	582.02E-12
1	Grid	127.96014	129.20554	106.80000	-0.43807	106.78	0.0	-28.419E-6	568.38E-12
1	Grid	129.95532	129.20554	106.80000	-0.39307	106.78	0.0	-27.754E-6	555.07E-12
1	Grid	131.95050	129.20554	106.80000	-0.35178	106.78	0.0	-27.104E-6	542.09E-12
1	Grid	133.94568	129.20554	106.80000	-0.31399	106.78	0.0	-26.471E-6	529.42E-12
1	Grid	135.94086	129.20554	106.80000	-0.27954	106.78	0.0	-25.854E-6	517.07E-12
1	Grid	137.93604	129.20554	106.80000	-0.24815	106.78	0.0	-25.251E-6	505.03E-12
1	Grid	139.93122	129.20554	106.80000	-0.21967	106.78	0.0	-24.664E-6	493.29E-12
1	Grid	141.92640	129.20554	106.80000	-0.19388	106.78	0.0	-24.092E-6	481.84E-12
1	Grid	143.92158	129.20554	106.80000	-0.17057	106.78	0.0	-23.534E-6	470.68E-12
1	Grid	145.91676	129.20554	106.80000	-0.14952	106.78	0.0	-22.991E-6	459.81E-12
1	Grid	147.91194	129.20554	106.80000	-0.13060	106.78	0.0	-22.461E-6	449.21E-12
1	Grid	149.90712	129.20554	106.80000	-0.11356	106.78	0.0	-21.944E-6	438.89E-12
1	Grid	151.90230	129.20554	106.80000	-0.09827	106.78	0.0	-21.441E-6	428.82E-12
1	Grid	153.89748	129.20554	106.80000	-0.08455	106.78	0.0	-20.951E-6	419.02E-12
1	Grid	155.89266	129.20554	106.80000	-0.07225	106.78	0.0	-20.473E-6	409.47E-12
1	Grid	157.88784	129.20554	106.80000	-0.06127	106.78	0.0	-20.008E-6	400.16E-12
1	Grid	159.88302	129.20554	106.80000	-0.05144	106.78	0.0	-19.554E-6	391.09E-12
1	Grid	161.87820	129.20554	106.80000	-0.04267	106.78	0.0	-19.113E-6	382.25E-12
1	Grid	163.87338	129.20554	106.80000	-0.03485	106.78	0.0	-18.682E-6	373.64E-12
1	Grid	165.86856	129.20554	106.80000	-0.02802	106.78	0.0	-18.263E-6	365.26E-12
1	Grid	167.86374	129.20554	106.80000	-0.02169	106.78	0.0	-17.855E-6	357.09E-12
1	Grid	169.85892	129.20554	106.80000	-0.01618	106.78	0.0	-17.457E-6	349.13E-12
1	Grid	171.85410	129.20554	106.80000	-0.01130	106.78	0.0	-17.069E-6	341.38E-12
1	Grid	173.84928	129.20554	106.80000	-0.00697	106.78	0.0	-16.691E-6	333.83E-12
1	Grid	175.84446	129.20554	106.80000	-0.00354	106.78	0.0	-16.325E-6	326.46E-12
1	Grid	177.83964	129.20554	106.80000	0.00024	106.78	0.0	-15.965E-6	319.30E-12
1	Grid	179.83482	129.20554	106.80000	0.00322	106.78	0.0	-15.616E-6	312.32E-12
1	Grid	181.83000	129.20554	106.80000	0.00584	106.78	0.0	-15.276E-6	305.51E-12
1	Grid	-95.50000	131.08029	106.80000	0.02247	106.78	-1.4928E-12	-45.938E-6	918.76E-12
1	Grid	-93.50482	131.08029	106.80000	0.02576	106.78	-1.5481E-12	-46.961E-6	899.22E-12
1	Grid	-91.50964	131.08029	106.80000	0.02309	106.78	-1.6067E-12	-47.998E-6	879.96E-12
1	Grid	-89.51446	131.08029	106.80000	0.02340	106.78	-1.6653E-12	-49.049E-6	860.98E-12
1	Grid	-87.51928	131.08029	106.80000	0.02370	106.78	-1.7253E-12	-50.113E-6	1.0023E-9
1	Grid	-85.52410	131.08029	106.80000	0.02401	106.78	-1.7879E-12	-51.189E-6	1.0238E-9
1	Grid	-83.52892	131.08029	106.80000	0.02431	106.78	-1.8532E-12	-52.276E-6	1.0455E-9
1	Grid	-81.53374	131.08029	106.80000	0.02462	106.78	-1.9191E-12	-53.373E-6	1.0675E-9
1	Grid	-79.53856	131.08029	106.80000	0.02491	106.78	-1.9864E-12	-54.479E-6	1.0896E-9
1	Grid	-77.54338	131.08029	106.80000	0.02521	106.78	-2.0557E-12	-55.593E-6	1.1119E-9
1	Grid	-75.54820	131.08029	106.80000	0.02550	106.78	-2.1236E-12	-56.713E-6	1.1343E-9
1	Grid	-73.55302	131.08029	106.80000	0.02579	106.78	-2.1956E-12	-57.839E-6	1.1568E-9
1	Grid	-71.55784	131.08029	106.80000	0.02608	106.78	-2.2669E-12	-58.968E-6	1.1794E-9
1	Grid	-69.56266	131.08029	106.80000	0.02635	106.78	-2.3435E-12	-60.099E-6	1.2020E-9
1	Grid	-67.56748	131.08029	106.80000	0.02663	106.78	-2.4174E-12	-61.230E-6	1.2246E-9
1	Grid	-65.57230	131.08029	106.80000	0.02689	106.78	-2.4920E-12	-62.359E-6	1.2472E-9
1	Grid	-63.57712	131.08029	106.80000	0.02715	106.78	-2.5673E-12	-63.491E-6	1.2697E-9
1	Grid	-61.58194	131.08029	106.80000	0.02739	106.78	-2.6426E-12	-64.606E-6	1.2921E-9
1	Grid	-59.58676	131.08029	106.80000	0.02763	106.78	-2.7218E-12	-65.719E-6	1.3144E-9
1	Grid	-57.59158	131.08029	106.80000	0.02786	106.78	-2.7978E-12	-66.822E-6	1.3364E-9
1	Grid	-55.59640	131.08029	106.80000	0.02807	106.78	-2.8750E-12	-67.913E-6	1.3583E-9
1	Grid	-53.60122	131.08029	106.80000	0.02828	106.78	-2.9530E-12	-68.989E-6	1.3798E-9
1	Grid	-51.60604	131.08029	106.80000	0.02846	106.78	-3.0276E-12	-70.049E-6	1.4010E-9
1	Grid	-49.61086	131.08029	106.80000	0.02863	106.78	-3.1042E-12	-71.090E-6	1.4218E-9
1	Grid	-47.61568	131.08029	106.80000	0.02877	106.78	-3.1795E-12	-72.108E-6	1.4422E-9
1	Grid	-45.62050	131.08029	106.80000	0.02890	106.78	-3.2527E-12	-73.103E-6	1.4621E-9
1	Grid	-43.62532	131.08029	106.80000	0.02902	106.78	-3.3247E-12	-74.074E-6	1.4814E-9
1	Grid	-41.63014	131.08029	106.80000	0.02908	106.78	-3.3940E-12	-75.008E-6	1.5002E-9
1	Grid	-39.63496	131.08029	106.80000	0.02913	106.78	-3.4652E-12	-75.914E-6	1.5183E-9
1	Grid	-37.63978	131.08029	106.80000	0.02915	106.78	-3.5305E-12	-76.784E-6	1.5357E-9
1	Grid	-35.64460	131.08029	106.80000	0.02913	106.78	-3.5978E-12	-77.618E-6	1.5524E-9
1	Grid	-33.64942	131.08029	106.80000	0.02907	106.78	-3.6584E-12	-78.412E-6	1.5682E-9
1	Grid	-31.65424	131.08029	106.80000	0.02897	106.78	-3.7177E-12	-79.164E-6	1.5833E-9
1	Grid	-29.65906	131.08029	106.80000	0.02882	106.78	-3.7736E-12	-79.871E-6	1.5974E-9
1	Grid	-27.66388	131.08029	106.80000	0.02862	106.78	-3.8263E-12	-80.531E-6	1.6106E-9
1	Grid	-25.66871	131.08029	106.80000	0.02835	106.78	-3.8749E-12	-81.142E-6	1.6228E-9
1	Grid	-23.67353	131.08029	106.80000	0.02802	106.78	-3.9215E-12	-81.704E-6	1.6340E-9
1	Grid	-21.67835	131.08029	106.80000	0.02762	106.78	-3.9608E-12	-82.209E-6	1.6442E-9
1	Grid	-19.68317	131.08029	106.80000	0.02714	106.78	-3.9941E-12	-82.661E-6	1.6532E-9
1	Grid	-17.68799	131.08029	106.80000	0.02656	106.78			



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	46.15777	131.08029	106.80000	-0.17201	106.78	-2.8064E-12	-67.033E-6	1.3407E-9
1	Grid	48.15295	131.08029	106.80000	-0.19198	106.78	-2.7292E-12	-65.934E-6	1.3187E-9
1	Grid	50.14813	131.08029	106.80000	-0.21360	106.78	-2.6532E-12	-64.825E-6	1.2965E-9
1	Grid	52.14331	131.08029	106.80000	-0.23698	106.78	-2.5739E-12	-63.708E-6	1.2742E-9
1	Grid	54.13849	131.08029	106.80000	-0.26223	106.78	-2.5013E-12	-62.586E-6	1.2517E-9
1	Grid	56.13367	131.08029	106.80000	-0.28947	106.78	-2.4247E-12	-61.459E-6	1.2292E-9
1	Grid	58.12885	131.08029	106.80000	-0.31881	106.78	-2.3535E-12	-60.331E-6	1.2066E-9
1	Grid	60.12403	131.08029	106.80000	-0.35038	106.78	-2.2755E-12	-59.202E-6	1.1840E-9
1	Grid	62.11921	131.08029	106.80000	-0.38429	106.78	-2.2056E-12	-58.075E-6	1.1615E-9
1	Grid	64.11439	131.08029	106.80000	-0.42068	106.78	-2.1336E-12	-56.951E-6	1.1390E-9
1	Grid	66.10957	131.08029	106.80000	-0.45966	106.78	-2.0657E-12	-55.833E-6	1.1167E-9
1	Grid	68.10475	131.08029	106.80000	-0.50135	106.78	-1.9957E-12	-54.720E-6	1.0944E-9
1	Grid	70.09993	131.08029	106.80000	-0.54584	106.78	-1.9278E-12	-53.614E-6	1.0723E-9
1	Grid	72.09511	131.08029	106.80000	-0.59323	106.78	-1.8645E-12	-52.518E-6	1.0504E-9
1	Grid	74.09029	131.08029	106.80000	-0.64356	106.78	-1.7959E-12	-51.431E-6	1.0286E-9
1	Grid	76.08547	131.08029	106.80000	-0.69689	106.78	-1.7359E-12	-50.355E-6	1.0071E-9
1	Grid	78.08065	131.08029	106.80000	-0.75295	106.78	-1.6747E-12	-49.291E-6	985.82E-12
1	Grid	80.07583	131.08029	106.80000	-0.81171	106.78	-1.6160E-12	-48.240E-6	964.79E-12
1	Grid	82.07101	131.08029	106.80000	-0.87270	106.78	-1.5581E-12	-47.201E-6	944.03E-12
1	Grid	84.06619	131.08029	106.80000	-0.93519	106.78	-1.5015E-12	-46.178E-6	923.55E-12
1	Grid	86.06137	131.08029	106.80000	-0.99797	106.78	-1.4462E-12	-45.168E-6	903.37E-12
1	Grid	88.05655	131.08029	106.80000	-1.05913	106.78	-1.3922E-12	-44.174E-6	883.49E-12
1	Grid	90.05173	131.08029	106.80000	-1.11568	106.78	-1.3409E-12	-43.196E-6	863.92E-12
1	Grid	92.04691	131.08029	106.80000	-1.16331	106.78	-1.2923E-12	-42.234E-6	844.68E-12
1	Grid	94.04209	131.08029	106.80000	-1.19655	106.78	-1.2437E-12	-41.288E-6	825.77E-12
1	Grid	96.03727	131.08029	106.80000	-1.21016	106.78	-1.1957E-12	-40.360E-6	807.13E-12
1	Grid	98.03245	131.08029	106.80000	-1.20162	106.78	-1.1504E-12	-39.448E-6	788.95E-12
1	Grid	100.02763	131.08029	106.80000	-1.17277	106.78	-1.1071E-12	-38.553E-6	771.05E-12
1	Grid	102.02281	131.08029	106.80000	-1.12829	106.78	-1.0671E-12	-37.675E-6	753.50E-12
1	Grid	104.01799	131.08029	106.80000	-1.07334	106.78	-1.0245E-12	-36.815E-6	736.30E-12
1	Grid	106.01317	131.08029	106.80000	-1.01622	106.78	0.0	-35.972E-6	719.44E-12
1	Grid	108.00835	131.08029	106.80000	-0.94797	106.78	0.0	-35.146E-6	702.93E-12
1	Grid	110.00353	131.08029	106.80000	-0.88286	106.78	0.0	-34.338E-6	686.76E-12
1	Grid	111.99871	131.08029	106.80000	-0.81832	106.78	0.0	-33.547E-6	670.94E-12
1	Grid	113.99389	131.08029	106.80000	-0.75536	106.78	0.0	-32.773E-6	655.47E-12
1	Grid	115.98906	131.08029	106.80000	-0.69494	106.78	0.0	-32.017E-6	640.33E-12
1	Grid	117.98424	131.08029	106.80000	-0.63659	106.78	0.0	-31.277E-6	625.53E-12
1	Grid	119.97942	131.08029	106.80000	-0.58150	106.78	0.0	-30.553E-6	611.07E-12
1	Grid	121.97460	131.08029	106.80000	-0.52952	106.78	0.0	-29.847E-6	596.94E-12
1	Grid	123.96978	131.08029	106.80000	-0.48073	106.78	0.0	-29.157E-6	583.13E-12
1	Grid	125.96496	131.08029	106.80000	-0.43402	106.78	0.0	-28.482E-6	569.63E-12
1	Grid	127.96014	131.08029	106.80000	-0.39279	106.78	0.0	-27.824E-6	556.48E-12
1	Grid	129.95532	131.08029	106.80000	-0.35353	106.78	0.0	-27.181E-6	543.63E-12
1	Grid	131.95050	131.08029	106.80000	-0.31729	106.78	0.0	-26.554E-6	531.08E-12
1	Grid	133.94568	131.08029	106.80000	-0.28396	106.78	0.0	-25.942E-6	518.84E-12
1	Grid	135.94086	131.08029	106.80000	-0.25390	106.78	0.0	-25.345E-6	506.90E-12
1	Grid	137.93604	131.08029	106.80000	-0.22544	106.78	0.0	-24.762E-6	495.24E-12
1	Grid	139.93122	131.08029	106.80000	-0.19996	106.78	0.0	-24.194E-6	483.88E-12
1	Grid	141.92640	131.08029	106.80000	-0.17678	106.78	0.0	-23.639E-6	472.79E-12
1	Grid	143.92158	131.08029	106.80000	-0.15574	106.78	0.0	-23.099E-6	461.98E-12
1	Grid	145.91676	131.08029	106.80000	-0.13699	106.78	0.0	-22.572E-6	451.43E-12
1	Grid	147.91194	131.08029	106.80000	-0.11947	106.78	0.0	-22.058E-6	441.15E-12
1	Grid	149.90712	131.08029	106.80000	-0.10393	106.78	0.0	-21.556E-6	431.13E-12
1	Grid	151.90230	131.08029	106.80000	-0.08992	106.78	0.0	-21.068E-6	421.36E-12
1	Grid	153.89748	131.08029	106.80000	-0.07733	106.78	0.0	-20.592E-6	411.83E-12
1	Grid	155.89266	131.08029	106.80000	-0.06602	106.78	0.0	-20.132E-6	402.51E-12
1	Grid	157.88784	131.08029	106.80000	-0.05587	106.78	0.0	-19.675E-6	393.50E-12
1	Grid	159.88302	131.08029	106.80000	-0.04678	106.78	0.0	-19.234E-6	384.68E-12
1	Grid	161.87820	131.08029	106.80000	-0.03864	106.78	0.0	-18.804E-6	376.08E-12
1	Grid	163.87338	131.08029	106.80000	-0.03137	106.78	0.0	-18.385E-6	367.70E-12
1	Grid	165.86856	131.08029	106.80000	-0.02513	106.78	0.0	-17.977E-6	359.54E-12
1	Grid	167.86374	131.08029	106.80000	-0.01911	106.78	0.0	-17.579E-6	351.58E-12
1	Grid	169.85892	131.08029	106.80000	-0.01396	106.78	0.0	-17.191E-6	343.82E-12
1	Grid	171.85410	131.08029	106.80000	-0.00939	106.78	0.0	-16.813E-6	336.26E-12
1	Grid	173.84928	131.08029	106.80000	-0.00533	106.78	0.0	-16.445E-6	328.90E-12
1	Grid	175.84446	131.08029	106.80000	-0.00174	106.78	0.0	-16.086E-6	321.72E-12
1	Grid	177.83964	131.08029	106.80000	-0.00143	106.78	0.0	-15.736E-6	314.72E-12
1	Grid	179.83482	131.08029	106.80000	0.00423	106.78	0.0	-15.395E-6	307.90E-12
1	Grid	181.83000	131.08029	106.80000	0.00670	106.78	0.0	-15.063E-6	301.26E-12
1	Grid	-95.50000	132.95504	106.80000	0.02227	106.78	-1.4195E-12	-44.602E-6	892.04E-12
1	Grid	-93.50518	132.95504	106.80000	0.02258	106.78	-1.4722E-12	-45.575E-6	911.51E-12
1	Grid	-91.50964	132.95504	106.80000	0.02289	106.78	-1.5268E-12	-46.562E-6	931.23E-12
1	Grid	-89.51446	132.95504	106.80000	0.02319	106.78	-1.5827E-12	-47.560E-6	951.21E-12
1	Grid	-87.51928	132.95504	106.80000	0.02350	106.78	-1.6354E-12	-48.570E-6	971.41E-12
1	Grid	-85.52410	132.95504	106.80000	0.02380	106.78	-1.6946E-12	-49.591E-6	991.83E-12
1	Grid	-83.52892	132.95504	106.80000	0.02411	106.78	-1.7553E-12	-50.621E-6	1.0124E-9
1	Grid	-81.53374	132.95504	106.80000	0.02441	106.78	-1.8172E-12	-51.661E-6	1.0332E-9
1	Grid	-79.53856	132.95504	106.80000	0.02471	106.78	-1.8778E-12	-52.709E-6	1.0542E-9
1	Grid	-77.54338	132.95504	106.80000	0.02501	106.78	-1.9424E-12	-53.762E-6	1.0752E-9
1	Grid	-75.54820	132.95504	106.80000	0.02530	106.78	-2.0064E-12	-54.821E-6	1.0964E-9
1	Grid	-73.55302	132.95504	106.80000	0.02559	106.78	-2.0717E-12	-55.884E-6	1.1177E-9
1	Grid	-71.55784	132.95504	106.80000	0.02588	106.78	-2.1390E-12	-56.950E-6	1.1390E-9
1	Grid	-69.56266	132.95504	106.80000	0.02616	106.78	-2.2062E-12	-58.017E-6	1.1603E-9
1	Grid	-67.56748	132.95504	106.80000	0.02644	106.78	-2.2748E-12	-59.083E-6	1.1817E-9
1	Grid	-65.57230	132.95504	106.80000	0.02671	106.78	-2.3448E-12	-60.147E-6	1.2029E-9
1	Grid	-63.57712	132.95504	106.80000	0.02698	106.78	-2.4134E-12	-61.211E-6	1.2241E-9
1	Grid	-61.58194	132.95504	106.80000	0.02722	106.78	-2.4853E-12	-62.261E-6	1.2452E-9
1	Grid	-59.58676	132.95504	106.80000	0.02746	106.78	-2.5553E-12	-63.307E-6	1.2661E-9
1	Grid	-57.59158	132.95504	106.80000	0.02770	106.78	-2.6232E-12	-64.343E-6	1.2869E-9
1	Grid	-55.59640	132.95504	106.80000	0.02792	106.78	-2.6972E-12	-65.367E-6	1.3073E-9
1	Grid	-53.60122	132.95504	106.80000	0.02813	106.78	-2.7651E-12	-66.376E-6	1.3275E-9
1	Grid	-51.60604	132.95504	106.80000	0.02832	106.78	-2.8364E-12	-67.370E-6	1.3474E-9
1	Grid	-49.61086	132.95504	106.80000	0.02850	106.78	-2.9083E-12	-68.345E-6	1.3669E-9
1	Grid	-47.61568	132.95504	106.80000	0.02866	106.78	-2.9723E-12	-69.298E-6	1.3860E-9
1	Grid	-45.62050	132.95504	106.80000	0.02880	106.78	-3.0409E-12	-70.228E-6	1.4046E-9
1	Grid	-43.62532	132.95504	106.80000	0.02892	106.78	-3.1062E-12	-71.133E-6	1.4227E-9
1	Grid	-41.63014	132.95504	106.80000	0.02901	106.78	-3.1708E-12	-72.009E-6	1.4402E-9
1	Grid	-39.63496	132.95504	106.80000	0.02908	106.78	-3.2334E-12	-72.855E-6	1.4571E-9
1	Grid	-37.63978	132.95504	106.80000	0.02911	1			

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term										Job No.	Sheet No.	Rev.			
										3244					
										Drg. Ref.					
Made by AC							Date		Checked						
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain						
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]						
1	Grid	26.20597	132.95504	106.80000	-0.03727	106.78	-3.3000E-12	-73.810E-6	1.4762E-9						
1	Grid	28.20115	132.95504	106.80000	-0.04496	106.78	-3.2387E-12	-73.004E-6	1.4601E-9						
1	Grid	30.19633	132.95504	106.80000	-0.05339	106.78	-3.1788E-12	-72.165E-6	1.4433E-9						
1	Grid	32.19151	132.95504	106.80000	-0.06261	106.78	-3.1162E-12	-71.295E-6	1.4259E-9						
1	Grid	34.18669	132.95504	106.80000	-0.07268	106.78	-3.0489E-12	-70.397E-6	1.4079E-9						
1	Grid	36.18187	132.95504	106.80000	-0.08366	106.78	-2.9803E-12	-69.473E-6	1.3895E-9						
1	Grid	38.17705	132.95504	106.80000	-0.09563	106.78	-2.9137E-12	-68.525E-6	1.3705E-9						
1	Grid	40.17223	132.95504	106.80000	-0.10865	106.78	-2.8417E-12	-67.566E-6	1.3511E-9						
1	Grid	42.16741	132.95504	106.80000	-0.12279	106.78	-2.7731E-12	-66.567E-6	1.3313E-9						
1	Grid	44.16259	132.95504	106.80000	-0.13814	106.78	-2.7052E-12	-65.563E-6	1.3112E-9						
1	Grid	46.15777	132.95504	106.80000	-0.15476	106.78	-2.6339E-12	-64.543E-6	1.2909E-9						
1	Grid	48.15295	132.95504	106.80000	-0.17274	106.78	-2.5639E-12	-63.511E-6	1.2702E-9						
1	Grid	50.14813	132.95504	106.80000	-0.19216	106.78	-2.4933E-12	-62.469E-6	1.2494E-9						
1	Grid	52.14331	132.95504	106.80000	-0.21310	106.78	-2.4227E-12	-61.419E-6	1.2284E-9						
1	Grid	54.13849	132.95504	106.80000	-0.23566	106.78	-2.3528E-12	-60.362E-6	1.2072E-9						
1	Grid	56.13367	132.95504	106.80000	-0.25992	106.78	-2.2835E-12	-59.301E-6	1.1860E-9						
1	Grid	58.12885	132.95504	106.80000	-0.28597	106.78	-2.2156E-12	-58.238E-6	1.1648E-9						
1	Grid	60.12403	132.95504	106.80000	-0.31388	106.78	-2.1483E-12	-57.173E-6	1.1435E-9						
1	Grid	62.11921	132.95504	106.80000	-0.34375	106.78	-2.0823E-12	-56.110E-6	1.1222E-9						
1	Grid	64.11439	132.95504	106.80000	-0.37565	106.78	-2.0144E-12	-55.048E-6	1.1010E-9						
1	Grid	66.10957	132.95504	106.80000	-0.40965	106.78	-1.9511E-12	-53.991E-6	1.0798E-9						
1	Grid	68.10475	132.95504	106.80000	-0.44580	106.78	-1.8878E-12	-52.938E-6	1.0588E-9						
1	Grid	70.09993	132.95504	106.80000	-0.48413	106.78	-1.8252E-12	-51.892E-6	1.0378E-9						
1	Grid	72.09511	132.95504	106.80000	-0.52465	106.78	-1.7626E-12	-50.853E-6	1.0171E-9						
1	Grid	74.09029	132.95504	106.80000	-0.56731	106.78	-1.7060E-12	-49.822E-6	996.45E-12						
1	Grid	76.08547	132.95504	106.80000	-0.61200	106.78	-1.6473E-12	-48.802E-6	976.03E-12						
1	Grid	78.08065	132.95504	106.80000	-0.65852	106.78	-1.5887E-12	-47.791E-6	955.83E-12						
1	Grid	80.07583	132.95504	106.80000	-0.70654	106.78	-1.5348E-12	-46.792E-6	935.85E-12						
1	Grid	82.07101	132.95504	106.80000	-0.75555	106.78	-1.4801E-12	-45.805E-6	916.11E-12						
1	Grid	84.06619	132.95504	106.80000	-0.80474	106.78	-1.4282E-12	-44.831E-6	896.62E-12						
1	Grid	86.06137	132.95504	106.80000	-0.85296	106.78	-1.3769E-12	-43.870E-6	877.40E-12						
1	Grid	88.05655	132.95504	106.80000	-0.89857	106.78	-1.3276E-12	-42.923E-6	858.46E-12						
1	Grid	90.05173	132.95504	106.80000	-0.93931	106.78	-1.2796E-12	-41.990E-6	839.80E-12						
1	Grid	92.04691	132.95504	106.80000	-0.97236	106.78	-1.2323E-12	-41.072E-6	821.44E-12						
1	Grid	94.04209	132.95504	106.80000	-0.99464	106.78	-1.1877E-12	-40.169E-6	803.38E-12						
1	Grid	96.03727	132.95504	106.80000	-1.00350	106.78	-1.1444E-12	-39.281E-6	785.63E-12						
1	Grid	98.03245	132.95504	106.80000	-0.99778	106.78	-1.1031E-12	-38.409E-6	768.19E-12						
1	Grid	100.02763	132.95504	106.80000	-0.97823	106.78	-1.0605E-12	-37.553E-6	751.06E-12						
1	Grid	102.02281	132.95504	106.80000	-0.94712	106.78	-1.0212E-12	-36.713E-6	734.26E-12						
1	Grid	104.01799	132.95504	106.80000	-0.90734	106.78	0.0	-35.889E-6	717.77E-12						
1	Grid	106.01317	132.95504	106.80000	-0.86165	106.78	0.0	-35.081E-6	701.61E-12						
1	Grid	108.00835	132.95504	106.80000	-0.81233	106.78	0.0	-34.289E-6	685.77E-12						
1	Grid	110.00353	132.95504	106.80000	-0.76117	106.78	0.0	-33.513E-6	670.25E-12						
1	Grid	111.99871	132.95504	106.80000	-0.70949	106.78	0.0	-32.753E-6	655.06E-12						
1	Grid	113.99388	132.95504	106.80000	-0.65827	106.78	0.0	-32.009E-6	640.18E-12						
1	Grid	115.98906	132.95504	106.80000	-0.60822	106.78	0.0	-31.281E-6	625.63E-12						
1	Grid	117.98424	132.95504	106.80000	-0.55982	106.78	0.0	-30.569E-6	611.39E-12						
1	Grid	119.97942	132.95504	106.80000	-0.51343	106.78	0.0	-29.873E-6	597.46E-12						
1	Grid	121.97460	132.95504	106.80000	-0.46929	106.78	0.0	-29.192E-6	583.85E-12						
1	Grid	123.96978	132.95504	106.80000	-0.42754	106.78	0.0	-28.527E-6	570.54E-12						
1	Grid	125.96496	132.95504	106.80000	-0.38828	106.78	0.0	-27.877E-6	557.53E-12						
1	Grid	127.96014	132.95504	106.80000	-0.35154	106.78	0.0	-27.241E-6	544.83E-12						
1	Grid	129.95532	132.95504	106.80000	-0.31730	106.78	0.0	-26.621E-6	532.42E-12						
1	Grid	131.95050	132.95504	106.80000	-0.28552	106.78	0.0	-26.015E-6	520.30E-12						
1	Grid	133.94568	132.95504	106.80000	-0.25614	106.78	0.0	-25.423E-6	508.46E-12						
1	Grid	135.94086	132.95504	106.80000	-0.22907	106.78	0.0	-24.845E-6	496.91E-12						
1	Grid	137.93604	132.95504	106.80000	-0.20421	106.78	0.0	-24.282E-6	485.63E-12						
1	Grid	139.93122	132.95504	106.80000	-0.18144	106.78	0.0	-23.731E-6	474.63E-12						
1	Grid	141.92640	132.95504	106.80000	-0.16064	106.78	0.0	-23.194E-6	463.89E-12						
1	Grid	143.92158	132.95504	106.80000	-0.14169	106.78	0.0	-22.670E-6	453.41E-12						
1	Grid	145.91676	132.95504	106.80000	-0.12446	106.78	0.0	-22.159E-6	443.19E-12						
1	Grid	147.91194	132.95504	106.80000	-0.10884	106.78	0.0	-21.661E-6	433.22E-12						
1	Grid	149.90712	132.95504	106.80000	-0.09469	106.78	0.0	-21.174E-6	423.49E-12						
1	Grid	151.90230	132.95504	106.80000	-0.08190	106.78	0.0	-20.700E-6	414.00E-12						
1	Grid	153.89748	132.95504	106.80000	-0.07037	106.78	0.0	-20.238E-6	404.75E-12						
1	Grid	155.89266	132.95504	106.80000	-0.05998	106.78	0.0	-19.786E-6	395.73E-12						
1	Grid	157.88784	132.95504	106.80000	-0.05063	106.78	0.0	-19.347E-6	386.93E-12						
1	Grid	159.88302	132.95504	106.80000	-0.04224	106.78	0.0	-18.918E-6	378.35E-12						
1	Grid	161.87820	132.95504	106.80000	-0.03472	106.78	0.0	-18.499E-6	369.99E-12						
1	Grid	163.87338	132.95504	106.80000	-0.02798	106.78	0.0	-18.092E-6	361.83E-12						
1	Grid	165.86856	132.95504	106.80000	-0.02195	106.78	0.0	-17.694E-6	353.88E-12						
1	Grid	167.86374	132.95504	106.80000	-0.01658	106.78	0.0	-17.307E-6	346.13E-12						
1	Grid	169.85892	132.95504	106.80000	-0.01178	106.78	0.0	-16.929E-6	338.57E-12						
1	Grid	171.85410	132.95504	106.80000	-0.00752	106.78	0.0	-16.560E-6	331.20E-12						
1	Grid	173.84928	132.95504	106.80000	-0.00373	106.78	0.0	-16.201E-6	324.02E-12						
1	Grid	175.84446	132.95504	106.80000	-0.00136	106.78	0.0	-15.851E-6	317.01E-12						
1	Grid	177.83964	132.95504	106.80000	0.00261	106.78	0.0	-15.509E-6	310.98E-12						
1	Grid	179.83482	132.95504	106.80000	0.00523	106.78	0.0	-15.176E-6	303.53E-12						
1	Grid	181.83000	132.95504	106.80000	0.00755	106.78	0.0	-14.852E-6	297.04E-12						
1	Grid	-95.50000	134.82978	106.80000	0.02206	106.78	-1.3496E-12	-43.311E-6	866.23E-12						
1	Grid	-93.50482	134.82978	106.80000	0.02237	106.78	-1.3989E-12	-44.238E-6	884.76E-12						
1	Grid	-91.50964	134.82978	106.80000	0.02268	106.78	-1.4502E-12	-45.112E-6	903.52E-12						
1	Grid	-89.51446	134.82978	106.80000	0.02298	106.78	-1.5035E-12	-46.125E-6	922.51E-12						
1	Grid	-87.51928	134.82978	106.80000	0.02329	106.78	-1.5548E-12	-47.085E-6	941.70E-12						
1	Grid	-85.52410	134.82978	106.80000	0.02359	106.78	-1.6080E-12	-48.054E-6	961.08E-12						
1	Grid	-83.52892	134.82978	106.80000	0.02390	106.78	-1.6627E-12	-49.031E-6	980.63E-12						
1	Grid	-81.53374	134.82978	106.80000	0.02420	106.78	-1.7226E-12	-50.016E-6	1.0003E-9						
1	Grid	-79.53856	134.82978	106.80000	0.02450	106.78	-1.7786E-12	-51.008E-6	1.0202E-9						
1	Grid	-77.54338	134.82978	106.80000	0.02480	106.78	-1.8372E-12	-52.006E-6	1.0401E-9						
1	Grid	-75.54820	134.82978	106.80000	0.02510	106.78	-1.8971E-12	-53.007E-6	1.0601E-9						
1	Grid	-73.55302	134.82978	106.80000	0.02539	106.78	-1.9578E-12	-54.012E-6	1.0802E-9						
1	Grid	-71.55784	134.82978	106.80000	0.02568	106.78	-2.0197E-12	-55.018E-6	1.1004E-9						



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	6.25417	134.82978	106.80000	0.01119	106.78	-3.4845E-12	-76.220E-6	1.5244E-9
1	Grid	8.24935	134.82978	106.80000	0.00856	106.78	-3.4579E-12	-75.886E-6	1.5177E-9
1	Grid	10.24453	134.82978	106.80000	0.00564	106.78	-3.4286E-12	-75.503E-6	1.5101E-9
1	Grid	12.23971	134.82978	106.80000	0.00239	106.78	-3.3973E-12	-75.072E-6	1.5014E-9
1	Grid	14.23489	134.82978	106.80000	-0.00121	106.78	-3.3620E-12	-74.594E-6	1.4919E-9
1	Grid	16.23007	134.82978	106.80000	-0.00519	106.78	-3.3213E-12	-74.072E-6	1.4814E-9
1	Grid	18.22525	134.82978	106.80000	-0.00959	106.78	-3.2794E-12	-73.507E-6	1.4701E-9
1	Grid	20.22043	134.82978	106.80000	-0.01444	106.78	-3.2327E-12	-72.900E-6	1.4580E-9
1	Grid	22.21561	134.82978	106.80000	-0.01977	106.78	-3.1828E-12	-72.254E-6	1.4451E-9
1	Grid	24.21079	134.82978	106.80000	-0.02564	106.78	-3.1335E-12	-71.570E-6	1.4314E-9
1	Grid	26.20597	134.82978	106.80000	-0.03207	106.78	-3.0809E-12	-70.851E-6	1.4170E-9
1	Grid	28.20115	134.82978	106.80000	-0.03912	106.78	-3.0256E-12	-70.098E-6	1.4020E-9
1	Grid	30.19633	134.82978	106.80000	-0.04683	106.78	-2.9710E-12	-69.314E-6	1.3863E-9
1	Grid	32.19151	134.82978	106.80000	-0.05525	106.78	-2.9137E-12	-68.500E-6	1.3700E-9
1	Grid	34.18669	134.82978	106.80000	-0.06444	106.78	-2.8491E-12	-67.660E-6	1.3532E-9
1	Grid	36.18187	134.82978	106.80000	-0.07444	106.78	-2.7891E-12	-66.795E-6	1.3359E-9
1	Grid	38.17705	134.82978	106.80000	-0.08532	106.78	-2.7285E-12	-65.907E-6	1.3181E-9
1	Grid	40.17223	134.82978	106.80000	-0.09713	106.78	-2.6652E-12	-64.998E-6	1.3000E-9
1	Grid	42.16741	134.82978	106.80000	-0.10994	106.78	-2.6013E-12	-64.071E-6	1.2814E-9
1	Grid	44.16259	134.82978	106.80000	-0.12380	106.78	-2.5393E-12	-63.128E-6	1.2626E-9
1	Grid	46.15777	134.82978	106.80000	-0.13875	106.78	-2.4734E-12	-62.171E-6	1.2434E-9
1	Grid	48.15295	134.82978	106.80000	-0.15496	106.78	-2.4074E-12	-61.201E-6	1.2240E-9
1	Grid	50.14813	134.82978	106.80000	-0.17239	106.78	-2.3448E-12	-60.221E-6	1.2044E-9
1	Grid	52.14331	134.82978	106.80000	-0.19114	106.78	-2.2808E-12	-59.233E-6	1.1847E-9
1	Grid	54.13849	134.82978	106.80000	-0.21127	106.78	-2.2156E-12	-58.238E-6	1.1648E-9
1	Grid	56.13367	134.82978	106.80000	-0.23284	106.78	-2.1523E-12	-57.237E-6	1.1448E-9
1	Grid	58.12885	134.82978	106.80000	-0.25595	106.78	-2.0903E-12	-56.235E-6	1.1247E-9
1	Grid	60.12403	134.82978	106.80000	-0.28062	106.78	-2.0257E-12	-55.231E-6	1.1046E-9
1	Grid	62.11921	134.82978	106.80000	-0.30690	106.78	-1.9658E-12	-54.226E-6	1.0845E-9
1	Grid	64.11439	134.82978	106.80000	-0.33485	106.78	-1.9045E-12	-53.223E-6	1.0645E-9
1	Grid	66.10957	134.82978	106.80000	-0.36448	106.78	-1.8459E-12	-52.223E-6	1.0445E-9
1	Grid	68.10475	134.82978	106.80000	-0.39582	106.78	-1.7846E-12	-51.227E-6	1.0245E-9
1	Grid	70.09993	134.82978	106.80000	-0.42883	106.78	-1.7293E-12	-50.236E-6	1.0047E-9
1	Grid	72.09511	134.82978	106.80000	-0.46347	106.78	-1.6727E-12	-49.251E-6	985.03E-12
1	Grid	74.09029	134.82978	106.80000	-0.49964	106.78	-1.6174E-12	-48.274E-6	965.49E-12
1	Grid	76.08547	134.82978	106.80000	-0.53717	106.78	-1.5641E-12	-47.307E-6	946.11E-12
1	Grid	78.08065	134.82978	106.80000	-0.57581	106.78	-1.5095E-12	-46.346E-6	926.92E-12
1	Grid	80.07583	134.82978	106.80000	-0.61518	106.78	-1.4595E-12	-45.397E-6	907.93E-12
1	Grid	82.07101	134.82978	106.80000	-0.65475	106.78	-1.4075E-12	-44.458E-6	889.16E-12
1	Grid	84.06619	134.82978	106.80000	-0.69378	106.78	-1.3602E-12	-43.531E-6	870.61E-12
1	Grid	86.06137	134.82978	106.80000	-0.73407	106.78	-1.3123E-12	-42.615E-6	852.31E-12
1	Grid	88.05655	134.82978	106.80000	-0.76590	106.78	-1.2650E-12	-41.713E-6	834.25E-12
1	Grid	90.05173	134.82978	106.80000	-0.79607	106.78	-1.2204E-12	-40.823E-6	816.46E-12
1	Grid	92.04691	134.82978	106.80000	-0.81992	106.78	-1.1784E-12	-39.947E-6	798.93E-12
1	Grid	94.04209	134.82978	106.80000	-0.83561	106.78	-1.1338E-12	-39.084E-6	781.69E-12
1	Grid	96.03727	134.82978	106.80000	-0.85284	106.78	-1.0918E-12	-38.236E-6	764.72E-12
1	Grid	98.03245	134.82978	106.80000	-0.83753	106.78	-1.0532E-12	-37.402E-6	748.04E-12
1	Grid	100.02763	134.82978	106.80000	-0.82350	106.78	-1.0152E-12	-36.583E-6	731.65E-12
1	Grid	102.02281	134.82978	106.80000	-0.80081	106.78	0.0	-35.778E-6	715.56E-12
1	Grid	104.01799	134.82978	106.80000	-0.77116	106.78	0.0	-34.988E-6	699.76E-12
1	Grid	106.01317	134.82978	106.80000	-0.73697	106.78	0.0	-34.213E-6	684.27E-12
1	Grid	108.00835	134.82978	106.80000	-0.69793	106.78	0.0	-33.453E-6	669.07E-12
1	Grid	110.00353	134.82978	106.80000	-0.65736	106.78	0.0	-32.709E-6	654.17E-12
1	Grid	111.99871	134.82978	106.80000	-0.61573	106.78	0.0	-31.979E-6	639.58E-12
1	Grid	113.99389	134.82978	106.80000	-0.57388	106.78	0.0	-31.264E-6	625.28E-12
1	Grid	115.98906	134.82978	106.80000	-0.53205	106.78	0.0	-30.564E-6	611.28E-12
1	Grid	117.98424	134.82978	106.80000	-0.49206	106.78	0.0	-29.879E-6	597.57E-12
1	Grid	119.97942	134.82978	106.80000	-0.45295	106.78	0.0	-29.208E-6	584.16E-12
1	Grid	121.97460	134.82978	106.80000	-0.41544	106.78	0.0	-28.552E-6	571.05E-12
1	Grid	123.96978	134.82978	106.80000	-0.37970	106.78	0.0	-27.911E-6	558.22E-12
1	Grid	125.96496	134.82978	106.80000	-0.34587	106.78	0.0	-27.284E-6	545.67E-12
1	Grid	127.96014	134.82978	106.80000	-0.31402	106.78	0.0	-26.671E-6	533.41E-12
1	Grid	129.95532	134.82978	106.80000	-0.28417	106.78	0.0	-26.071E-6	521.43E-12
1	Grid	131.95050	134.82978	106.80000	-0.25633	106.78	0.0	-25.486E-6	509.72E-12
1	Grid	133.94568	134.82978	106.80000	-0.23046	106.78	0.0	-24.914E-6	498.28E-12
1	Grid	135.94086	134.82978	106.80000	-0.20615	106.78	0.0	-24.355E-6	487.11E-12
1	Grid	137.93604	134.82978	106.80000	-0.18441	106.78	0.0	-23.810E-6	476.19E-12
1	Grid	139.93122	134.82978	106.80000	-0.16410	106.78	0.0	-23.277E-6	465.54E-12
1	Grid	141.92640	134.82978	106.80000	-0.14546	106.78	0.0	-22.757E-6	455.14E-12
1	Grid	143.92158	134.82978	106.80000	-0.12842	106.78	0.0	-22.249E-6	444.99E-12
1	Grid	145.91676	134.82978	106.80000	-0.11288	106.78	0.0	-21.754E-6	435.08E-12
1	Grid	147.91194	134.82978	106.80000	-0.09873	106.78	0.0	-21.270E-6	425.40E-12
1	Grid	149.90712	134.82978	106.80000	-0.08588	106.78	0.0	-20.798E-6	415.97E-12
1	Grid	151.90230	134.82978	106.80000	-0.07422	106.78	0.0	-20.338E-6	406.76E-12
1	Grid	153.89748	134.82978	106.80000	-0.06368	106.78	0.0	-19.889E-6	397.77E-12
1	Grid	155.89266	134.82978	106.80000	-0.05416	106.78	0.0	-19.450E-6	389.01E-12
1	Grid	157.88784	134.82978	106.80000	-0.04558	106.78	0.0	-19.023E-6	380.45E-12
1	Grid	159.88302	134.82978	106.80000	-0.03785	106.78	0.0	-18.606E-6	372.11E-12
1	Grid	161.87820	134.82978	106.80000	-0.03091	106.78	0.0	-18.199E-6	363.97E-12
1	Grid	163.87338	134.82978	106.80000	-0.02468	106.78	0.0	-17.802E-6	356.04E-12
1	Grid	165.86856	134.82978	106.80000	-0.01910	106.78	0.0	-17.415E-6	348.30E-12
1	Grid	167.86374	134.82978	106.80000	-0.01411	106.78	0.0	-17.037E-6	340.74E-12
1	Grid	169.85892	134.82978	106.80000	-0.00965	106.78	0.0	-16.669E-6	333.38E-12
1	Grid	171.85410	134.82978	106.80000	-0.00568	106.78	0.0	-16.310E-6	326.20E-12
1	Grid	173.84928	134.82978	106.80000	-0.00215	106.78	0.0	-15.960E-6	319.19E-12
1	Grid	175.84446	134.82978	106.80000	0.00090	106.78	0.0	-15.619E-6	312.32E-12
1	Grid	177.83964	134.82978	106.80000	0.00376	106.78	0.0	-15.285E-6	305.70E-12
1	Grid	179.83482	134.82978	106.80000	0.00622	106.78	0.0	-14.960E-6	299.20E-12
1	Grid	181.83000	134.82978	106.80000	0.00838	106.78	0.0	-14.643E-6	292.86E-12
1	Grid	183.82518	134.82978	106.80000	0.01018	106.78	-1.2836E-12	-42.065E-6	841.30E-12
1	Grid	185.82036	136.70453	106.80000	0.01266	106.78	-1.3398E-12	-42.947E-6	828.94E-12
1	Grid	187.81554	136.70453	106.80000	0.01484	106.78	-1.3796E-12	-43.840E-6	816.79E-12
1	Grid	189.81072	136.70453	106.80000	0.01677	106.78	-1.4282E-12	-44.742E-6	804.84E-12
1	Grid	191.80590	136.70453	106.80000	0.01846	106.78	-1.4755E-12	-45.654E-6	793.08E-12
1	Grid	193.80108	136.70453	106.80000	0.01993	106.78	-1.5274E-12	-46.574E-6	781.48E-12
1	Grid	195.79626	136.70453	106.80000	0.02116	106.78	-1.5754E-12	-47.501E-6	770.03E-12
1	Grid	197.79144	136.70453	106.80000	0.02216	106.78	-1.6300E-12	-48.435E-6	758.71E-12
1	Grid	199.78662	136.70453	106.80000	0.02299	106.78	-1.6827E-12	-49.375E-6	747.50E-12
1	Grid	201.78180	136.70453	106.80000	0.02358	106.78	-1.		



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	-13.69763	136.70453	106.80000	0.02616	106.78	-3.2800E-12	-73.504E-6	1.4701E-9
1	Grid	-11.70245	136.70453	106.80000	0.02546	106.78	-3.2934E-12	-73.681E-6	1.4736E-9
1	Grid	-9.70727	136.70453	106.80000	0.02464	106.78	-3.3054E-12	-73.809E-6	1.4762E-9
1	Grid	-7.71209	136.70453	106.80000	0.02371	106.78	-3.3080E-12	-73.888E-6	1.4778E-9
1	Grid	-5.71691	136.70453	106.80000	0.02264	106.78	-3.3107E-12	-73.917E-6	1.4783E-9
1	Grid	-3.72173	136.70453	106.80000	0.02142	106.78	-3.3080E-12	-73.897E-6	1.4779E-9
1	Grid	-1.72655	136.70453	106.80000	0.02005	106.78	-3.3047E-12	-73.826E-6	1.4765E-9
1	Grid	0.26863	136.70453	106.80000	0.01849	106.78	-3.2947E-12	-73.707E-6	1.4741E-9
1	Grid	2.26381	136.70453	106.80000	0.01675	106.78	-3.2814E-12	-73.538E-6	1.4708E-9
1	Grid	4.25899	136.70453	106.80000	0.01480	106.78	-3.2634E-12	-73.321E-6	1.4664E-9
1	Grid	6.25437	136.70453	106.80000	0.01262	106.78	-3.2447E-12	-73.057E-6	1.4611E-9
1	Grid	8.24935	136.70453	106.80000	0.01019	106.78	-3.2228E-12	-72.746E-6	1.4549E-9
1	Grid	10.24453	136.70453	106.80000	0.00748	106.78	-3.1961E-12	-72.388E-6	1.4478E-9
1	Grid	12.23971	136.70453	106.80000	0.00448	106.78	-3.1661E-12	-71.987E-6	1.4397E-9
1	Grid	14.23489	136.70453	106.80000	0.00116	106.78	-3.1335E-12	-71.541E-6	1.4308E-9
1	Grid	16.07107	136.70453	106.80000	-0.00220	106.78	-3.0962E-12	-71.054E-6	1.4211E-9
1	Grid	18.22525	136.70453	106.80000	-0.00656	106.78	-3.0589E-12	-70.527E-6	1.4105E-9
1	Grid	20.22043	136.70453	106.80000	-0.01102	106.78	-3.0169E-12	-69.961E-6	1.3992E-9
1	Grid	22.21561	136.70453	106.80000	-0.01592	106.78	-2.9730E-12	-69.357E-6	1.3871E-9
1	Grid	24.21079	136.70453	106.80000	-0.02130	106.78	-2.9263E-12	-68.718E-6	1.3744E-9
1	Grid	26.20597	136.70453	106.80000	-0.02722	106.78	-2.8777E-12	-68.046E-6	1.3609E-9
1	Grid	28.20115	136.70453	106.80000	-0.03365	106.78	-2.8297E-12	-67.342E-6	1.3468E-9
1	Grid	30.19633	136.70453	106.80000	-0.04069	106.78	-2.7764E-12	-66.609E-6	1.3322E-9
1	Grid	32.19151	136.70453	106.80000	-0.04838	106.78	-2.7245E-12	-65.847E-6	1.3169E-9
1	Grid	34.18669	136.70453	106.80000	-0.05675	106.78	-2.6705E-12	-65.060E-6	1.3012E-9
1	Grid	36.18187	136.70453	106.80000	-0.06583	106.78	-2.6119E-12	-64.250E-6	1.2840E-9
1	Grid	38.17705	136.70453	106.80000	-0.07573	106.78	-2.5580E-12	-63.417E-6	1.2683E-9
1	Grid	40.17223	136.70453	106.80000	-0.08643	106.78	-2.5000E-12	-62.565E-6	1.2533E-9
1	Grid	42.16741	136.70453	106.80000	-0.09802	106.78	-2.4414E-12	-61.695E-6	1.2399E-9
1	Grid	44.16259	136.70453	106.80000	-0.11053	106.78	-2.3834E-12	-60.809E-6	1.2162E-9
1	Grid	46.15777	136.70453	106.80000	-0.12403	106.78	-2.3228E-12	-59.909E-6	1.1982E-9
1	Grid	48.15295	136.70453	106.80000	-0.13857	106.78	-2.2642E-12	-58.998E-6	1.1800E-9
1	Grid	50.14813	136.70453	106.80000	-0.15419	106.78	-2.2049E-12	-58.075E-6	1.1615E-9
1	Grid	52.14331	136.70453	106.80000	-0.17096	106.78	-2.1443E-12	-57.145E-6	1.1429E-9
1	Grid	54.13849	136.70453	106.80000	-0.18891	106.78	-2.0863E-12	-56.207E-6	1.1241E-9
1	Grid	56.13367	136.70453	106.80000	-0.20805	106.78	-2.0310E-12	-55.265E-6	1.1053E-9
1	Grid	58.12885	136.70453	106.80000	-0.22856	106.78	-1.9724E-12	-54.319E-6	1.0864E-9
1	Grid	60.12403	136.70453	106.80000	-0.25033	106.78	-1.9138E-12	-53.370E-6	1.0674E-9
1	Grid	62.11921	136.70453	106.80000	-0.27345	106.78	-1.8565E-12	-52.421E-6	1.0484E-9
1	Grid	64.11439	136.70453	106.80000	-0.29791	106.78	-1.8032E-12	-51.473E-6	1.0295E-9
1	Grid	66.10957	136.70453	106.80000	-0.32362	106.78	-1.7439E-12	-50.527E-6	1.0105E-9
1	Grid	68.10475	136.70453	106.80000	-0.35088	106.78	-1.6886E-12	-49.584E-6	991.67E-12
1	Grid	70.09993	136.70453	106.80000	-0.37931	106.78	-1.6387E-12	-48.645E-6	972.90E-12
1	Grid	72.09511	136.70453	106.80000	-0.40893	106.78	-1.5834E-12	-47.711E-6	954.23E-12
1	Grid	74.09029	136.70453	106.80000	-0.43962	106.78	-1.5328E-12	-46.784E-6	935.69E-12
1	Grid	76.08547	136.70453	106.80000	-0.47116	106.78	-1.4841E-12	-45.865E-6	917.29E-12
1	Grid	78.08065	136.70453	106.80000	-0.50335	106.78	-1.4369E-12	-44.953E-6	899.06E-12
1	Grid	80.07583	136.70453	106.80000	-0.53574	106.78	-1.3876E-12	-44.050E-6	881.01E-12
1	Grid	82.07101	136.70453	106.80000	-0.56787	106.78	-1.3409E-12	-43.157E-6	863.14E-12
1	Grid	84.06619	136.70453	106.80000	-0.59908	106.78	-1.2950E-12	-42.274E-6	845.49E-12
1	Grid	86.06137	136.70453	106.80000	-0.63051	106.78	-1.2497E-12	-41.403E-6	828.05E-12
1	Grid	88.05655	136.70453	106.80000	-0.65531	106.78	-1.2057E-12	-40.542E-6	810.84E-12
1	Grid	90.05173	136.70453	106.80000	-0.67816	106.78	-1.1651E-12	-39.693E-6	793.86E-12
1	Grid	92.04691	136.70453	106.80000	-0.69589	106.78	-1.1231E-12	-38.857E-6	777.14E-12
1	Grid	94.04209	136.70453	106.80000	-0.70735	106.78	-1.0838E-12	-38.033E-6	760.66E-12
1	Grid	96.03727	136.70453	106.80000	-0.71663	106.78	-1.0452E-12	-37.222E-6	744.69E-12
1	Grid	98.03245	136.70453	106.80000	-0.70849	106.78	-1.0079E-12	-36.424E-6	728.49E-12
1	Grid	100.02763	136.70453	106.80000	-0.69800	106.78	0.0	-35.640E-6	712.80E-12
1	Grid	102.02281	136.70453	106.80000	-0.68092	106.78	0.0	-34.870E-6	697.39E-12
1	Grid	104.01799	136.70453	106.80000	-0.65827	106.78	0.0	-34.113E-6	682.25E-12
1	Grid	106.01317	136.70453	106.80000	-0.63124	106.78	0.0	-33.370E-6	667.39E-12
1	Grid	108.00835	136.70453	106.80000	-0.60098	106.78	0.0	-32.641E-6	652.81E-12
1	Grid	110.00353	136.70453	106.80000	-0.56853	106.78	0.0	-31.925E-6	638.51E-12
1	Grid	111.99871	136.70453	106.80000	-0.53477	106.78	0.0	-31.224E-6	624.48E-12
1	Grid	113.99389	136.70453	106.80000	-0.50043	106.78	0.0	-30.537E-6	610.74E-12
1	Grid	115.98906	136.70453	106.80000	-0.46611	106.78	0.0	-29.848E-6	597.27E-12
1	Grid	117.98424	136.70453	106.80000	-0.43226	106.78	0.0	-29.204E-6	584.09E-12
1	Grid	119.97942	136.70453	106.80000	-0.39924	106.78	0.0	-28.559E-6	571.17E-12
1	Grid	121.97460	136.70453	106.80000	-0.36733	106.78	0.0	-27.927E-6	558.53E-12
1	Grid	123.96978	136.70453	106.80000	-0.33672	106.78	0.0	-27.308E-6	546.17E-12
1	Grid	125.96496	136.70453	106.80000	-0.30756	106.78	0.0	-26.703E-6	534.07E-12
1	Grid	127.96014	136.70453	106.80000	-0.27995	106.78	0.0	-26.112E-6	522.23E-12
1	Grid	129.95532	136.70453	106.80000	-0.25394	106.78	0.0	-25.533E-6	510.66E-12
1	Grid	131.95050	136.70453	106.80000	-0.22956	106.78	0.0	-24.967E-6	499.35E-12
1	Grid	133.94568	136.70453	106.80000	-0.20679	106.78	0.0	-24.415E-6	488.29E-12
1	Grid	135.94086	136.70453	106.80000	-0.18569	106.78	0.0	-23.874E-6	477.49E-12
1	Grid	137.93604	136.70453	106.80000	-0.16602	106.78	0.0	-23.347E-6	466.93E-12
1	Grid	139.93122	136.70453	106.80000	-0.14791	106.78	0.0	-22.831E-6	456.62E-12
1	Grid	141.92640	136.70453	106.80000	-0.13125	106.78	0.0	-22.327E-6	446.54E-12
1	Grid	143.92158	136.70453	106.80000	-0.11595	106.78	0.0	-21.835E-6	436.71E-12
1	Grid	145.91676	136.70453	106.80000	-0.10194	106.78	0.0	-21.355E-6	427.10E-12
1	Grid	147.91194	136.70453	106.80000	-0.08915	106.78	0.0	-20.886E-6	417.72E-12
1	Grid	149.90712	136.70453	106.80000	-0.07750	106.78	0.0	-20.428E-6	408.56E-12
1	Grid	151.90230	136.70453	106.80000	-0.06691	106.78	0.0	-19.981E-6	399.62E-12
1	Grid	153.89748	136.70453	106.80000	-0.05730	106.78	0.0	-19.545E-6	390.90E-12
1	Grid	155.89266	136.70453	106.80000	-0.04859	106.78	0.0	-19.120E-6	382.38E-12
1	Grid	157.88784	136.70453	106.80000	-0.04073	106.78	0.0	-18.703E-6	374.07E-12
1	Grid	159.88302	136.70453	106.80000	-0.03363	106.78	0.0	-18.298E-6	365.96E-12
1	Grid	161.87820	136.70453	106.80000	-0.02724	106.78	0.0	-17.902E-6	358.04E-12
1	Grid	163.87338	136.70453	106.80000	-0.02149	106.78	0.0	-17.516E-6	350.31E-12
1	Grid	165.86856	136.70453	106.80000	-0.01636	106.78	0.0	-17.139E-6	342.78E-12
1	Grid	167.86374	136.70453	106.80000	-0.01172	106.78	0.0	-16.771E-6	335.42E-12
1	Grid	169.85892	136.70453	106.80000	-0.00758	106.78	0.0	-16.412E-6	328.25E-12
1	Grid	171.85410	136.70453	106.80000	-0.00390	106.78	0.0	-16.062E-6	321.25E-12
1	Grid	173.84928	136.70453	106.80000	-0.00061	106.78	0.0	-15.721E-6	314.42E-12
1	Grid	175.84446	136.70453	106.80000	0.00246	106.78	0.0	-15.384E-6	307.75E-12
1	Grid	177.83964	136.70453	106.80000	0.00489	106.78	0.0	-15.063E-6	301.25E-12
1	Grid	179.83482	136.70453	106.80000	0.00718	106.78	0.0	-14.745E-6	294.91E-12
1	Grid	181.83000	136.70453	106.80000	0.00920	106.78	0.0	-14.436E-6	288.72

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term										Job No.	Sheet No.	Rev.	
										3244			
										Drg. Ref.			
										Made by AC	Date	Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain				
		[m]	[m]	[MOD]	[mm]	[MOD]	[kN/m²]	[kN/m²]	[µ]				
1	Grid	-33.64942	138.57928	106.80000	0.02891	106.78	-2.7744E-12	-66.505E-6	1.3301E-9				
1	Grid	-31.65424	138.57928	106.80000	0.02890	106.78	-2.8124E-12	-67.076E-6	1.3415E-9				
1	Grid	-29.65906	138.57928	106.80000	0.02884	106.78	-2.8517E-12	-67.612E-6	1.3522E-9				
1	Grid	-27.66388	138.57928	106.80000	0.02875	106.78	-2.8897E-12	-68.112E-6	1.3622E-9				
1	Grid	-25.66871	138.57928	106.80000	0.02860	106.78	-2.9197E-12	-68.574E-6	1.3715E-9				
1	Grid	-23.67353	138.57928	106.80000	0.02841	106.78	-2.9496E-12	-68.997E-6	1.3799E-9				
1	Grid	-21.67835	138.57928	106.80000	0.02815	106.78	-2.9770E-12	-69.379E-6	1.3876E-9				
1	Grid	-19.68317	138.57928	106.80000	0.02783	106.78	-3.0009E-12	-69.720E-6	1.3944E-9				
1	Grid	-17.68799	138.57928	106.80000	0.02744	106.78	-3.0229E-12	-70.018E-6	1.4004E-9				
1	Grid	-15.69281	138.57928	106.80000	0.02698	106.78	-3.0416E-12	-70.273E-6	1.4055E-9				
1	Grid	-13.69763	138.57928	106.80000	0.02643	106.78	-3.0576E-12	-70.483E-6	1.4097E-9				
1	Grid	-11.70245	138.57928	106.80000	0.02578	106.78	-3.0675E-12	-70.648E-6	1.4130E-9				
1	Grid	-9.70727	138.57928	106.80000	0.02503	106.78	-3.0795E-12	-70.767E-6	1.4153E-9				
1	Grid	-7.71209	138.57928	106.80000	0.02417	106.78	-3.0822E-12	-70.841E-6	1.4168E-9				
1	Grid	-5.71691	138.57928	106.80000	0.02319	106.78	-3.0849E-12	-70.868E-6	1.4174E-9				
1	Grid	-3.72173	138.57928	106.80000	0.02207	106.78	-3.0835E-12	-70.849E-6	1.4170E-9				
1	Grid	-1.72655	138.57928	106.80000	0.02080	106.78	-3.0769E-12	-70.784E-6	1.4157E-9				
1	Grid	0.26863	138.57928	106.80000	0.01937	106.78	-3.0689E-12	-70.672E-6	1.4134E-9				
1	Grid	2.26381	138.57928	106.80000	0.01776	106.78	-3.0582E-12	-70.515E-6	1.4103E-9				
1	Grid	4.25899	138.57928	106.80000	0.01596	106.78	-3.0429E-12	-70.313E-6	1.4063E-9				
1	Grid	6.25417	138.57928	106.80000	0.01394	106.78	-3.0229E-12	-70.067E-6	1.4013E-9				
1	Grid	8.24935	138.57928	106.80000	0.01170	106.78	-3.0023E-12	-69.776E-6	1.3955E-9				
1	Grid	10.24453	138.57928	106.80000	0.00921	106.78	-2.9796E-12	-69.443E-6	1.3889E-9				
1	Grid	12.23971	138.57928	106.80000	0.00644	106.78	-2.9530E-12	-69.068E-6	1.3814E-9				
1	Grid	14.23489	138.57928	106.80000	0.00338	106.78	-2.9230E-12	-68.653E-6	1.3731E-9				
1	Grid	16.23007	138.57928	106.80000	0.00000	106.78	-2.8890E-12	-68.198E-6	1.3640E-9				
1	Grid	18.22525	138.57928	106.80000	-0.00372	106.78	-2.8584E-12	-67.705E-6	1.3541E-9				
1	Grid	20.22043	138.57928	106.80000	-0.00781	106.78	-2.8171E-12	-67.176E-6	1.3435E-9				
1	Grid	22.21561	138.57928	106.80000	-0.01231	106.78	-2.7791E-12	-66.612E-6	1.3322E-9				
1	Grid	24.21079	138.57928	106.80000	-0.01724	106.78	-2.7371E-12	-66.015E-6	1.3203E-9				
1	Grid	26.20597	138.57928	106.80000	-0.02264	106.78	-2.6938E-12	-65.386E-6	1.3077E-9				
1	Grid	28.20115	138.57928	106.80000	-0.02854	106.78	-2.6472E-12	-64.727E-6	1.2945E-9				
1	Grid	30.19633	138.57928	106.80000	-0.03497	106.78	-2.5993E-12	-64.041E-6	1.2808E-9				
1	Grid	32.19151	138.57928	106.80000	-0.04198	106.78	-2.5520E-12	-63.327E-6	1.2665E-9				
1	Grid	34.18669	138.57928	106.80000	-0.04959	106.78	-2.5033E-12	-62.590E-6	1.2518E-9				
1	Grid	36.18187	138.57928	106.80000	-0.05786	106.78	-2.4507E-12	-61.830E-6	1.2366E-9				
1	Grid	38.17705	138.57928	106.80000	-0.06682	106.78	-2.3994E-12	-61.049E-6	1.2210E-9				
1	Grid	40.17223	138.57928	106.80000	-0.07651	106.78	-2.3481E-12	-60.249E-6	1.2050E-9				
1	Grid	42.16741	138.57928	106.80000	-0.08698	106.78	-2.2922E-12	-59.432E-6	1.1886E-9				
1	Grid	44.16259	138.57928	106.80000	-0.09827	106.78	-2.2382E-12	-58.599E-6	1.1720E-9				
1	Grid	46.15777	138.57928	106.80000	-0.11041	106.78	-2.1856E-12	-57.753E-6	1.1551E-9				
1	Grid	48.15295	138.57928	106.80000	-0.12346	106.78	-2.1323E-12	-56.895E-6	1.1379E-9				
1	Grid	50.14813	138.57928	106.80000	-0.13746	106.78	-2.0757E-12	-56.027E-6	1.1205E-9				
1	Grid	52.14331	138.57928	106.80000	-0.15243	106.78	-2.0217E-12	-55.150E-6	1.1030E-9				
1	Grid	54.13849	138.57928	106.80000	-0.16843	106.78	-1.9671E-12	-54.266E-6	1.0853E-9				
1	Grid	56.13367	138.57928	106.80000	-0.18547	106.78	-1.9151E-12	-53.377E-6	1.0675E-9				
1	Grid	58.12885	138.57928	106.80000	-0.20359	106.78	-1.8605E-12	-52.484E-6	1.0497E-9				
1	Grid	60.12403	138.57928	106.80000	-0.22280	106.78	-1.8059E-12	-51.588E-6	1.0318E-9				
1	Grid	62.11921	138.57928	106.80000	-0.24311	106.78	-1.7546E-12	-50.691E-6	1.0138E-9				
1	Grid	64.11439	138.57928	106.80000	-0.26451	106.78	-1.7026E-12	-49.794E-6	9.95.88E-12				
1	Grid	66.10957	138.57928	106.80000	-0.28700	106.78	-1.6513E-12	-48.898E-6	9.77.96E-12				
1	Grid	68.10475	138.57928	106.80000	-0.31052	106.78	-1.6001E-12	-48.005E-6	9.60.10E-12				
1	Grid	70.09993	138.57928	106.80000	-0.33500	106.78	-1.5528E-12	-47.115E-6	942.30E-12				
1	Grid	72.09511	138.57928	106.80000	-0.36035	106.78	-1.5035E-12	-46.230E-6	924.60E-12				
1	Grid	74.09029	138.57928	106.80000	-0.38641	106.78	-1.4555E-12	-45.350E-6	907.00E-12				
1	Grid	76.08547	138.57928	106.80000	-0.41300	106.78	-1.4095E-12	-44.477E-6	889.53E-12				
1	Grid	78.08065	138.57928	106.80000	-0.43984	106.78	-1.3649E-12	-43.610E-6	872.20E-12				
1	Grid	80.07583	138.57928	106.80000	-0.46660	106.78	-1.3189E-12	-42.752E-6	855.03E-12				
1	Grid	82.07101	138.57928	106.80000	-0.49283	106.78	-1.2743E-12	-41.902E-6	838.04E-12				
1	Grid	84.06619	138.57928	106.80000	-0.51799	106.78	-1.2330E-12	-41.061E-6	821.22E-12				
1	Grid	86.06137	138.57928	106.80000	-0.54143	106.78	-1.1910E-12	-40.230E-6	804.61E-12				
1	Grid	88.05655	138.57928	106.80000	-0.56239	106.78	-1.1504E-12	-39.410E-6	788.19E-12				
1	Grid	90.05173	138.57928	106.80000	-0.58003	106.78	-1.1118E-12	-38.600E-6	772.00E-12				
1	Grid	92.04691	138.57928	106.80000	-0.59352	106.78	-1.0718E-12	-37.801E-6	756.02E-12				
1	Grid	94.04209	138.57928	106.80000	-0.60211	106.78	-1.0352E-12	-37.014E-6	740.28E-12				
1	Grid	96.03727	138.57928	106.80000	-0.60527	106.78	0.0	-36.239E-6	724.78E-12				
1	Grid	98.03245	138.57928	106.80000	-0.60276	106.78	0.0	-35.476E-6	709.52E-12				
1	Grid	100.02763	138.57928	106.80000	-0.59469	106.78	0.0	-34.725E-6	694.50E-12				
1	Grid	102.02281	138.57928	106.80000	-0.58150	106.78	0.0	-33.987E-6	679.74E-12				
1	Grid	104.01799	138.57928	106.80000	-0.56386	106.78	0.0	-33.261E-6	665.23E-12				
1	Grid	106.01317	138.57928	106.80000	-0.54257	106.78	0.0	-32.549E-6	650.98E-12				
1	Grid	108.00835	138.57928	106.80000	-0.51844	106.78	0.0	-31.849E-6	636.98E-12				
1	Grid	110.00353	138.57928	106.80000	-0.49226	106.78	0.0	-31.162E-6	623.25E-12				
1	Grid	111.99871	138.57928	106.80000	-0.46472	106.78	0.0	-30.489E-6	609.78E-12				
1	Grid	113.99388	138.57928	106.80000	-0.43641	106.78	0.0	-29.828E-6	596.56E-12				
1	Grid	115.98906	138.57928	106.80000	-0.40786	106.78	0.0	-29.181E-6	583.61E-12				
1	Grid	117.98424	138.57928	106.80000	-0.37945	106.78	0.0	-28.548E-6	570.97E-12				
1	Grid	119.97942	138.57928	106.80000	-0.35153	106.78	0.0	-27.924E-6	558.48E-12				
1	Grid	121.97460	138.57928	106.80000	-0.32436	106.78	0.0	-27.315E-6	546.31E-12				
1	Grid	123.96978	138.57928	106.80000	-0.29813	106.78	0.0	-26.719E-6	534.38E-12				
1	Grid	125.96496	138.57928	106.80000	-0.27266	106.78	0.0	-26.136E-6	522.71E-12				
1	Grid	127.96014	138.57928	106.80000	-0.24907	106.78	0.0	-25.565E-6	511.29E-12				
1	Grid	129.95532	138.57928	106.80000	-0.22641	106.78	0.0	-25.006E-6	500.12E-12				
1	Grid	131.95050	138.57928	106.80000	-0.20506	106.78	0.0	-24.460E-6	489.19E-12				
1	Grid	133.94568	138.57928	106.80000	-0.18505	106.78	0.0	-23.925E-6	478.50E-12				
1	Grid	135.94086	138.57928	106.80000	-0.16649	106.78	0.0	-23.404E-6	468.05E-12				
1	Grid	137.93604	138.57928	106.80000	-0.14897	106.78	0.0	-22.892E-6	457.84E-12				
1	Grid	139.93122	138.57928	106.80000	-0.13286	106.78	0.0	-22.393E-6	447.86E-12				
1	Grid	141.92640	138.57928	106.80000	-0.11797	106.78	0.0	-21.905E-6	438.10E-12				
1	Grid	143.92158	138.57928	106.80000	-0.10426	106.78	0.0	-21.428E-6	428.57E-12				
1	Grid	145.91676	138.57928	106.80000	-0.09166	106.78	0.0	-20.963E-6	419.26E-12				
1	Grid	147.91194	138.57928	106.80000	-0.08012	106.78	0						



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	-53.60122	140.45403	106.80000	0.02739	106.78	-2.1509E-12	-57.119E-6	1.1424E-9
1	Grid	-51.60604	140.45403	106.80000	0.02761	106.78	-2.1982E-12	-57.891E-6	1.1578E-9
1	Grid	-49.61086	140.45403	106.80000	0.02782	106.78	-2.2469E-12	-58.647E-6	1.1729E-9
1	Grid	-47.61568	140.45403	106.80000	0.02801	106.78	-2.2942E-12	-59.386E-6	1.1877E-9
1	Grid	-45.62050	140.45403	106.80000	0.02819	106.78	-2.3415E-12	-60.104E-6	1.2021E-9
1	Grid	-43.62532	140.45403	106.80000	0.02835	106.78	-2.3868E-12	-60.801E-6	1.2160E-9
1	Grid	-41.63014	140.45403	106.80000	0.02849	106.78	-2.4314E-12	-61.475E-6	1.2295E-9
1	Grid	-39.63496	140.45403	106.80000	0.02861	106.78	-2.4727E-12	-62.124E-6	1.2425E-9
1	Grid	-37.63978	140.45403	106.80000	0.02870	106.78	-2.5153E-12	-62.747E-6	1.2549E-9
1	Grid	-35.64460	140.45403	106.80000	0.02877	106.78	-2.5573E-12	-63.342E-6	1.2668E-9
1	Grid	-33.64942	140.45403	106.80000	0.02881	106.78	-2.5933E-12	-63.907E-6	1.2781E-9
1	Grid	-31.65424	140.45403	106.80000	0.02881	106.78	-2.6299E-12	-64.441E-6	1.2888E-9
1	Grid	-29.65906	140.45403	106.80000	0.02878	106.78	-2.6665E-12	-64.943E-6	1.2989E-9
1	Grid	-27.66388	140.45403	106.80000	0.02871	106.78	-2.6952E-12	-65.410E-6	1.3082E-9
1	Grid	-25.66871	140.45403	106.80000	0.02859	106.78	-2.7265E-12	-65.842E-6	1.3168E-9
1	Grid	-23.67353	140.45403	106.80000	0.02842	106.78	-2.7538E-12	-66.237E-6	1.3247E-9
1	Grid	-21.67835	140.45403	106.80000	0.02820	106.78	-2.7791E-12	-66.594E-6	1.3319E-9
1	Grid	-19.68317	140.45403	106.80000	0.02792	106.78	-2.8031E-12	-66.913E-6	1.3383E-9
1	Grid	-17.68799	140.45403	106.80000	0.02757	106.78	-2.8224E-12	-67.191E-6	1.3438E-9
1	Grid	-15.69281	140.45403	106.80000	0.02715	106.78	-2.8377E-12	-67.429E-6	1.3486E-9
1	Grid	-13.69763	140.45403	106.80000	0.02665	106.78	-2.8517E-12	-67.625E-6	1.3525E-9
1	Grid	-11.70245	140.45403	106.80000	0.02606	106.78	-2.8637E-12	-67.780E-6	1.3556E-9
1	Grid	-9.70727	140.45403	106.80000	0.02538	106.78	-2.8677E-12	-67.891E-6	1.3578E-9
1	Grid	-7.71209	140.45403	106.80000	0.02459	106.78	-2.8744E-12	-67.960E-6	1.3592E-9
1	Grid	-5.71691	140.45403	106.80000	0.02368	106.78	-2.8777E-12	-67.985E-6	1.3597E-9
1	Grid	-3.72173	140.45403	106.80000	0.02263	106.78	-2.8764E-12	-67.974E-6	1.3593E-9
1	Grid	-1.72655	140.45403	106.80000	0.02149	106.78	-2.8697E-12	-67.907E-6	1.3581E-9
1	Grid	0.26863	140.45403	106.80000	0.02017	106.78	-2.8644E-12	-67.803E-6	1.3561E-9
1	Grid	2.26381	140.45403	106.80000	0.01869	106.78	-2.8544E-12	-67.656E-6	1.3531E-9
1	Grid	4.25899	140.45403	106.80000	0.01703	106.78	-2.8391E-12	-67.468E-6	1.3493E-9
1	Grid	6.25417	140.45403	106.80000	0.01517	106.78	-2.8224E-12	-67.237E-6	1.3447E-9
1	Grid	8.24935	140.45403	106.80000	0.01311	106.78	-2.8024E-12	-66.966E-6	1.3393E-9
1	Grid	10.24453	140.45403	106.80000	0.01081	106.78	-2.7804E-12	-66.655E-6	1.3331E-9
1	Grid	12.23971	140.45403	106.80000	0.00827	106.78	-2.7565E-12	-66.305E-6	1.3261E-9
1	Grid	14.23489	140.45403	106.80000	0.00545	106.78	-2.7285E-12	-65.917E-6	1.3183E-9
1	Grid	16.22997	140.45403	106.80000	0.00235	106.78	-2.7025E-12	-65.492E-6	1.3098E-9
1	Grid	18.22525	140.45403	106.80000	-0.00107	106.78	-2.6699E-12	-65.031E-6	1.3006E-9
1	Grid	20.22043	140.45403	106.80000	-0.00483	106.78	-2.6339E-12	-64.537E-6	1.2907E-9
1	Grid	22.21561	140.45403	106.80000	-0.00895	106.78	-2.5973E-12	-64.009E-6	1.2802E-9
1	Grid	24.21079	140.45403	106.80000	-0.01346	106.78	-2.5600E-12	-63.450E-6	1.2690E-9
1	Grid	26.20597	140.45403	106.80000	-0.01839	106.78	-2.5200E-12	-62.862E-6	1.2572E-9
1	Grid	28.20115	140.45403	106.80000	-0.02378	106.78	-2.4787E-12	-62.245E-6	1.2449E-9
1	Grid	30.19633	140.45403	106.80000	-0.02964	106.78	-2.4361E-12	-61.601E-6	1.2320E-9
1	Grid	32.19151	140.45403	106.80000	-0.03602	106.78	-2.3914E-12	-60.932E-6	1.2186E-9
1	Grid	34.18669	140.45403	106.80000	-0.04294	106.78	-2.3481E-12	-60.241E-6	1.2048E-9
1	Grid	36.18187	140.45403	106.80000	-0.05046	106.78	-2.3022E-12	-59.527E-6	1.1905E-9
1	Grid	38.17705	140.45403	106.80000	-0.05856	106.78	-2.2529E-12	-58.794E-6	1.1759E-9
1	Grid	40.17223	140.45403	106.80000	-0.06733	106.78	-2.2029E-12	-58.043E-6	1.1609E-9
1	Grid	42.16741	140.45403	106.80000	-0.07678	106.78	-2.1556E-12	-57.274E-6	1.1455E-9
1	Grid	44.16259	140.45403	106.80000	-0.08694	106.78	-2.1056E-12	-56.492E-6	1.1298E-9
1	Grid	46.15777	140.45403	106.80000	-0.09787	106.78	-2.0557E-12	-55.695E-6	1.1139E-9
1	Grid	48.15295	140.45403	106.80000	-0.10957	106.78	-2.0051E-12	-54.887E-6	1.0977E-9
1	Grid	50.14813	140.45403	106.80000	-0.12209	106.78	-1.9564E-12	-54.069E-6	1.0814E-9
1	Grid	52.14331	140.45403	106.80000	-0.13546	106.78	-1.9071E-12	-53.243E-6	1.0649E-9
1	Grid	54.13849	140.45403	106.80000	-0.14970	106.78	-1.8552E-12	-52.409E-6	1.0482E-9
1	Grid	56.13367	140.45403	106.80000	-0.16483	106.78	-1.8016E-12	-51.570E-6	1.0314E-9
1	Grid	58.12885	140.45403	106.80000	-0.18085	106.78	-1.7579E-12	-50.726E-6	1.0145E-9
1	Grid	60.12403	140.45403	106.80000	-0.19778	106.78	-1.7080E-12	-49.880E-6	997.60E-12
1	Grid	62.11921	140.45403	106.80000	-0.21562	106.78	-1.6607E-12	-49.032E-6	980.63E-12
1	Grid	64.11439	140.45403	106.80000	-0.23435	106.78	-1.6120E-12	-48.183E-6	963.65E-12
1	Grid	66.10957	140.45403	106.80000	-0.25392	106.78	-1.5641E-12	-47.335E-6	946.69E-12
1	Grid	68.10475	140.45403	106.80000	-0.27429	106.78	-1.5181E-12	-46.488E-6	929.76E-12
1	Grid	70.09993	140.45403	106.80000	-0.29539	106.78	-1.4742E-12	-45.644E-6	912.89E-12
1	Grid	72.09511	140.45403	106.80000	-0.31709	106.78	-1.4242E-12	-44.805E-6	896.09E-12
1	Grid	74.09029	140.45403	106.80000	-0.33925	106.78	-1.3842E-12	-43.969E-6	879.38E-12
1	Grid	76.08547	140.45403	106.80000	-0.36169	106.78	-1.3403E-12	-43.139E-6	862.79E-12
1	Grid	78.08065	140.45403	106.80000	-0.38416	106.78	-1.2976E-12	-42.316E-6	846.31E-12
1	Grid	80.07583	140.45403	106.80000	-0.40635	106.78	-1.2563E-12	-41.499E-6	829.98E-12
1	Grid	82.07101	140.45403	106.80000	-0.42788	106.78	-1.2144E-12	-40.690E-6	813.80E-12
1	Grid	84.06619	140.45403	106.80000	-0.44832	106.78	-1.1757E-12	-39.889E-6	797.78E-12
1	Grid	86.06137	140.45403	106.80000	-0.46714	106.78	-1.1344E-12	-39.097E-6	781.94E-12
1	Grid	88.05655	140.45403	106.80000	-0.48377	106.78	-1.0971E-12	-38.315E-6	766.29E-12
1	Grid	90.05173	140.45403	106.80000	-0.49761	106.78	-1.0605E-12	-37.542E-6	750.83E-12
1	Grid	92.04691	140.45403	106.80000	-0.50807	106.78	-1.0252E-12	-36.779E-6	735.58E-12
1	Grid	94.04209	140.45403	106.80000	-0.51465	106.78	0.0	-36.027E-6	720.54E-12
1	Grid	96.03727	140.45403	106.80000	-0.51700	106.78	0.0	-35.285E-6	705.71E-12
1	Grid	98.03245	140.45403	106.80000	-0.51497	106.78	0.0	-34.555E-6	691.11E-12
1	Grid	100.02763	140.45403	106.80000	-0.50862	106.78	0.0	-33.837E-6	676.73E-12
1	Grid	102.02281	140.45403	106.80000	-0.49825	106.78	0.0	-33.129E-6	662.59E-12
1	Grid	104.01799	140.45403	106.80000	-0.48429	106.78	0.0	-32.434E-6	648.68E-12
1	Grid	106.01317	140.45403	106.80000	-0.46730	106.78	0.0	-31.750E-6	635.01E-12
1	Grid	108.00835	140.45403	106.80000	-0.44787	106.78	0.0	-31.079E-6	621.58E-12
1	Grid	110.00353	140.45403	106.80000	-0.42658	106.78	0.0	-30.420E-6	608.39E-12
1	Grid	111.99871	140.45403	106.80000	-0.40398	106.78	0.0	-29.772E-6	595.44E-12
1	Grid	113.99389	140.45403	106.80000	-0.38055	106.78	0.0	-29.137E-6	582.74E-12
1	Grid	115.98907	140.45403	106.80000	-0.35616	106.78	0.0	-28.514E-6	570.28E-12
1	Grid	117.98424	140.45403	106.80000	-0.33282	106.78	0.0	-27.903E-6	558.07E-12
1	Grid	119.97942	140.45403	106.80000	-0.30917	106.78	0.0	-27.305E-6	546.09E-12
1	Grid	121.97460	140.45403	106.80000	-0.28601	106.78	0.0	-26.718E-6	534.36E-12
1	Grid	123.96978	140.45403	106.80000	-0.26351	106.78	0.0	-26.143E-6	522.86E-12
1	Grid	125.96496	140.45403	106.80000	-0.24184	106.78	0.0	-25.580E-6	511.60E-12
1	Grid	127.96014	140.45403	106.80000	-0.22110	106.78	0.0	-25.029E-6	500.58E-12
1	Grid	129.95532	140.45403	106.80000	-0.20137	106.78	0.0	-24.490E-6	489.79E-12
1	Grid	131.95050	140.45403	106.80000	-0.18269	106.78	0.0	-23.962E-6	479.24E-12
1	Grid	133.94568	140.45403	106.80000	-0.16510	106.78	0.0	-23.445E-6	468.91E-12
1	Grid	135.94086	140.45403	106.80000	-0.14861	106.78	0.0	-22.940E-6	458.80E-12
1	Grid	137.93604	140.45403	106.80000	-0.13322	106.78	0.0	-22.446E-6	448.92E-12
1	Grid	139.93122	140.45403	106.80000	-0.11889	106.78	0.0	-21.963E-6	439.26E-12
1	Grid								

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term							Job No.	Sheet No.	Rev.	
							3244			
								Drg. Ref.		
								Made by AC	Date	Checked
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain	
		[m]	[m]	[MOD]	[mm]	[MOD]	[kN/m²]	[kN/m²]	[µ]	
1	Grid	-73.55302	142.32878	106.80000	0.02449	106.78	-1.5647E-12	-47.263E-6	945.26E-12	
1	Grid	-71.55784	142.32878	106.80000	0.02478	106.78	-1.6107E-12	-48.067E-6	961.35E-12	
1	Grid	-69.56266	142.32878	106.80000	0.02507	106.78	-1.6547E-12	-48.870E-6	977.40E-12	
1	Grid	-67.56748	142.32878	106.80000	0.02535	106.78	-1.6993E-12	-49.670E-6	993.39E-12	
1	Grid	-65.57230	142.32878	106.80000	0.02563	106.78	-1.7466E-12	-50.465E-6	1.0093E-9	
1	Grid	-63.57712	142.32878	106.80000	0.02591	106.78	-1.7912E-12	-51.254E-6	1.0251E-9	
1	Grid	-61.58194	142.32878	106.80000	0.02617	106.78	-1.8392E-12	-52.037E-6	1.0407E-9	
1	Grid	-59.58676	142.32878	106.80000	0.02644	106.78	-1.8825E-12	-52.811E-6	1.0562E-9	
1	Grid	-57.59158	142.32878	106.80000	0.02669	106.78	-1.9318E-12	-53.576E-6	1.0715E-9	
1	Grid	-55.59640	142.32878	106.80000	0.02694	106.78	-1.9764E-12	-54.329E-6	1.0866E-9	
1	Grid	-53.60122	142.32878	106.80000	0.02717	106.78	-2.0210E-12	-55.070E-6	1.1014E-9	
1	Grid	-51.60604	142.32878	106.80000	0.02740	106.78	-2.0697E-12	-55.797E-6	1.1159E-9	
1	Grid	-49.61086	142.32878	106.80000	0.02761	106.78	-2.1096E-12	-56.507E-6	1.1301E-9	
1	Grid	-47.61568	142.32878	106.80000	0.02781	106.78	-2.1556E-12	-57.201E-6	1.1440E-9	
1	Grid	-45.62050	142.32878	106.80000	0.02800	106.78	-2.1962E-12	-57.876E-6	1.1575E-9	
1	Grid	-43.62532	142.32878	106.80000	0.02817	106.78	-2.2389E-12	-58.530E-6	1.1706E-9	
1	Grid	-41.63014	142.32878	106.80000	0.02832	106.78	-2.2788E-12	-59.163E-6	1.1833E-9	
1	Grid	-39.63496	142.32878	106.80000	0.02845	106.78	-2.3208E-12	-59.771E-6	1.1954E-9	
1	Grid	-37.63978	142.32878	106.80000	0.02855	106.78	-2.3568E-12	-60.355E-6	1.2071E-9	
1	Grid	-35.64460	142.32878	106.80000	0.02863	106.78	-2.3941E-12	-60.913E-6	1.2183E-9	
1	Grid	-33.64942	142.32878	106.80000	0.02868	106.78	-2.4281E-12	-61.442E-6	1.2288E-9	
1	Grid	-31.65424	142.32878	106.80000	0.02871	106.78	-2.4640E-12	-61.942E-6	1.2388E-9	
1	Grid	-29.65906	142.32878	106.80000	0.02869	106.78	-2.4927E-12	-62.412E-6	1.2482E-9	
1	Grid	-27.66388	142.32878	106.80000	0.02864	106.78	-2.5226E-12	-62.849E-6	1.2570E-9	
1	Grid	-25.66871	142.32878	106.80000	0.02855	106.78	-2.5480E-12	-63.253E-6	1.2651E-9	
1	Grid	-23.67353	142.32878	106.80000	0.02841	106.78	-2.5759E-12	-63.623E-6	1.2725E-9	
1	Grid	-21.67835	142.32878	106.80000	0.02821	106.78	-2.5966E-12	-63.957E-6	1.2791E-9	
1	Grid	-19.68317	142.32878	106.80000	0.02797	106.78	-2.6179E-12	-64.255E-6	1.2851E-9	
1	Grid	-17.68799	142.32878	106.80000	0.02766	106.78	-2.6339E-12	-64.515E-6	1.2903E-9	
1	Grid	-15.69281	142.32878	106.80000	0.02728	106.78	-2.6499E-12	-64.737E-6	1.2947E-9	
1	Grid	-13.69763	142.32878	106.80000	0.02683	106.78	-2.6639E-12	-64.921E-6	1.2984E-9	
1	Grid	-11.70245	142.32878	106.80000	0.02630	106.78	-2.6725E-12	-65.065E-6	1.3013E-9	
1	Grid	-9.70727	142.32878	106.80000	0.02567	106.78	-2.6779E-12	-65.169E-6	1.3034E-9	
1	Grid	-7.71209	142.32878	106.80000	0.02495	106.78	-2.6852E-12	-65.233E-6	1.3047E-9	
1	Grid	-5.71691	142.32878	106.80000	0.02413	106.78	-2.6852E-12	-65.257E-6	1.3051E-9	
1	Grid	-3.72173	142.32878	106.80000	0.02318	106.78	-2.6872E-12	-65.240E-6	1.3048E-9	
1	Grid	-1.72655	142.32878	106.80000	0.02211	106.78	-2.6792E-12	-65.184E-6	1.3037E-9	
1	Grid	0.26863	142.32878	106.80000	0.02090	106.78	-2.6739E-12	-65.087E-6	1.3017E-9	
1	Grid	2.26381	142.32878	106.80000	0.01954	106.78	-2.6645E-12	-64.950E-6	1.2990E-9	
1	Grid	4.25899	142.32878	106.80000	0.01801	106.78	-2.6519E-12	-64.774E-6	1.2955E-9	
1	Grid	6.25417	142.32878	106.80000	0.01631	106.78	-2.6366E-12	-64.558E-6	1.2912E-9	
1	Grid	8.24935	142.32878	106.80000	0.01441	106.78	-2.6206E-12	-64.305E-6	1.2861E-9	
1	Grid	10.24453	142.32878	106.80000	0.01230	106.78	-2.5993E-12	-64.015E-6	1.2803E-9	
1	Grid	12.23971	142.32878	106.80000	0.00996	106.78	-2.5793E-12	-63.687E-6	1.2737E-9	
1	Grid	14.23489	142.32878	106.80000	0.00738	106.78	-2.5526E-12	-63.324E-6	1.2665E-9	
1	Grid	16.23007	142.32878	106.80000	0.00453	106.78	-2.5253E-12	-62.927E-6	1.2585E-9	
1	Grid	18.22525	142.32878	106.80000	0.00140	106.78	-2.4960E-12	-62.496E-6	1.2499E-9	
1	Grid	20.22043	142.32878	106.80000	-0.00204	106.78	-2.4640E-12	-62.033E-6	1.2407E-9	
1	Grid	22.21561	142.32878	106.80000	-0.00581	106.78	-2.4341E-12	-61.539E-6	1.2308E-9	
1	Grid	24.21079	142.32878	106.80000	-0.00994	106.78	-2.3961E-12	-61.016E-6	1.2203E-9	
1	Grid	26.20597	142.32878	106.80000	-0.01444	106.78	-2.3621E-12	-60.464E-6	1.2093E-9	
1	Grid	28.20115	142.32878	106.80000	-0.01935	106.78	-2.3248E-12	-59.886E-6	1.1977E-9	
1	Grid	30.19633	142.32878	106.80000	-0.02469	106.78	-2.2835E-12	-59.282E-6	1.1856E-9	
1	Grid	32.19151	142.32878	106.80000	-0.03049	106.78	-2.2435E-12	-58.655E-6	1.1731E-9	
1	Grid	34.18669	142.32878	106.80000	-0.03677	106.78	-2.2022E-12	-58.006E-6	1.1601E-9	
1	Grid	36.18187	142.32878	106.80000	-0.04357	106.78	-2.1583E-12	-57.336E-6	1.1467E-9	
1	Grid	38.17705	142.32878	106.80000	-0.05092	106.78	-2.1156E-12	-56.647E-6	1.1329E-9	
1	Grid	40.17223	142.32878	106.80000	-0.05884	106.78	-2.0723E-12	-55.940E-6	1.1188E-9	
1	Grid	42.16741	142.32878	106.80000	-0.06736	106.78	-2.0290E-12	-55.218E-6	1.1044E-9	
1	Grid	44.16259	142.32878	106.80000	-0.07651	106.78	-1.9791E-12	-54.481E-6	1.0896E-9	
1	Grid	46.15777	142.32878	106.80000	-0.08632	106.78	-1.9358E-12	-53.731E-6	1.0746E-9	
1	Grid	48.15295	142.32878	106.80000	-0.09681	106.78	-1.8912E-12	-52.970E-6	1.0594E-9	
1	Grid	50.14813	142.32878	106.80000	-0.10801	106.78	-1.8445E-12	-52.199E-6	1.0440E-9	
1	Grid	52.14331	142.32878	106.80000	-0.11993	106.78	-1.7972E-12	-51.420E-6	1.0284E-9	
1	Grid	54.13849	142.32878	106.80000	-0.13259	106.78	-1.7526E-12	-50.633E-6	1.0127E-9	
1	Grid	56.13367	142.32878	106.80000	-0.14600	106.78	-1.7066E-12	-49.840E-6	996.80E-12	
1	Grid	58.12885	142.32878	106.80000	-0.16017	106.78	-1.6613E-12	-49.043E-6	980.86E-12	
1	Grid	60.12403	142.32878	106.80000	-0.17509	106.78	-1.6147E-12	-48.242E-6	964.85E-12	
1	Grid	62.11921	142.32878	106.80000	-0.19075	106.78	-1.5707E-12	-47.440E-6	948.80E-12	
1	Grid	64.11439	142.32878	106.80000	-0.20712	106.78	-1.5254E-12	-46.636E-6	932.72E-12	
1	Grid	66.10957	142.32878	106.80000	-0.22416	106.78	-1.4821E-12	-45.833E-6	916.65E-12	
1	Grid	68.10475	142.32878	106.80000	-0.24182	106.78	-1.4388E-12	-45.030E-6	900.61E-12	
1	Grid	70.09993	142.32878	106.80000	-0.25999	106.78	-1.3962E-12	-44.230E-6	884.60E-12	
1	Grid	72.09511	142.32878	106.80000	-0.27859	106.78	-1.3536E-12	-43.433E-6	868.66E-12	
1	Grid	74.09029	142.32878	106.80000	-0.29747	106.78	-1.3123E-12	-42.639E-6	852.79E-12	
1	Grid	76.08547	142.32878	106.80000	-0.31664	106.78	-1.2710E-12	-41.851E-6	837.02E-12	
1	Grid	78.08065	142.32878	106.80000	-0.33530	106.78	-1.2330E-12	-41.068E-6	821.55E-12	
1	Grid	80.07583	142.32878	106.80000	-0.35378	106.78	-1.1937E-12	-40.290E-6	805.81E-12	
1	Grid	82.07101	142.32878	106.80000	-0.37155	106.78	-1.1564E-12	-39.520E-6	790.40E-12	
1	Grid	84.06619	142.32878	106.80000	-0.38827	106.78	-1.1191E-12	-38.757E-6	775.14E-12	
1	Grid	86.06137	142.32878	106.80000	-0.40351	106.78	-1.0811E-12	-38.002E-6	760.04E-12	
1	Grid	88.05655	142.32878	106.80000	-0.41695	106.78	-1.0478E-12	-37.255E-6	745.10E-12	
1	Grid	90.05173	142.32878	106.80000	-0.42785	106.78	-1.0132E-12	-36.517E-6	730.35E-12	
1	Grid	92.04691	142.32878	106.80000	-0.43609	106.78	0.0	-35.789E-6	715.78E-12	
1	Grid	94.04209	142.32878	106.80000	-0.44122	106.78	0.0	-35.070E-6	701.40E-12	
1	Grid	96.03727	142.32878	106.80000	-0.44300	106.78	0.0	-34.361E-6	687.22E-12	
1	Grid	98.03245	142.32878	106.80000	-0.44133	106.78	0.0	-33.662E-6	673.48E-12	
1	Grid	100.02763	142.32878	106.80000	-0.43626	106.78	0.0	-32.974E-6	659.48E-12	
1	Grid	102.02281	142.32878	106.80000	-0.42797	106.78	0.0	-32.296E-6	645.93E-12	
1	Grid	104.01799	142.32878	106.80000	-0.41678	106.78	0.0	-31.630E-6	632.59E-12	
1	Grid	106.01317	142.32878	106.80000	-0.40307	106.78	0.0	-30.974E-6	619.48E-1	

Oasys										Job No.	Sheet No.	Rev.
Highgate Junior School Sports Hall										3244		
Unloading and Loading Long Term										Drg. Ref.		
										Made by	Date	Checked
										AC		
Ref.	Name	x	y	z	δz	Stress:	Stress:	Stress:	Vert.			
						Calc.	Vertical	Sum Princ.	Strain			
		[m]	[m]	[MOD]	[mm]	Level	[kN/m ²]	[kN/m ²]	[µ]			
1	Grid	-93.50482	144.20353	106.80000	0.02129	106.78	-1.0931E-12	-38.214E-6	764.28E-12			
1	Grid	-91.50964	144.20353	106.80000	0.02158	106.78	-1.1304E-12	-38.948E-6	778.96E-12			
1	Grid	-89.51446	144.20353	106.80000	0.02188	106.78	-1.1684E-12	-39.688E-6	793.75E-12			
1	Grid	-87.51928	144.20353	106.80000	0.02218	106.78	-1.2057E-12	-40.433E-6	808.66E-12			
1	Grid	-85.52410	144.20353	106.80000	0.02248	106.78	-1.2423E-12	-41.183E-6	823.67E-12			
1	Grid	-83.52892	144.20353	106.80000	0.02277	106.78	-1.2810E-12	-41.938E-6	838.76E-12			
1	Grid	-81.53374	144.20353	106.80000	0.02307	106.78	-1.3183E-12	-42.696E-6	853.91E-12			
1	Grid	-79.53856	144.20353	106.80000	0.02337	106.78	-1.3596E-12	-43.456E-6	869.12E-12			
1	Grid	-77.54338	144.20353	106.80000	0.02366	106.78	-1.3989E-12	-44.218E-6	884.37E-12			
1	Grid	-75.54820	144.20353	106.80000	0.02396	106.78	-1.4395E-12	-44.981E-6	899.62E-12			
1	Grid	-73.55302	144.20353	106.80000	0.02425	106.78	-1.4828E-12	-45.744E-6	914.88E-12			
1	Grid	-71.55784	144.20353	106.80000	0.02454	106.78	-1.5228E-12	-46.506E-6	930.11E-12			
1	Grid	-69.56266	144.20353	106.80000	0.02483	106.78	-1.5641E-12	-47.265E-6	945.30E-12			
1	Grid	-67.56748	144.20353	106.80000	0.02511	106.78	-1.6074E-12	-48.021E-6	960.42E-12			
1	Grid	-65.57230	144.20353	106.80000	0.02539	106.78	-1.6487E-12	-48.772E-6	975.44E-12			
1	Grid	-63.57712	144.20353	106.80000	0.02567	106.78	-1.6913E-12	-49.518E-6	990.36E-12			
1	Grid	-61.58194	144.20353	106.80000	0.02594	106.78	-1.7339E-12	-50.257E-6	1.0051E-9			
1	Grid	-59.58676	144.20353	106.80000	0.02620	106.78	-1.7772E-12	-50.987E-6	1.0197E-9			
1	Grid	-57.59158	144.20353	106.80000	0.02646	106.78	-1.8172E-12	-51.708E-6	1.0342E-9			
1	Grid	-55.59640	144.20353	106.80000	0.02671	106.78	-1.8612E-12	-52.418E-6	1.0484E-9			
1	Grid	-53.60122	144.20353	106.80000	0.02695	106.78	-1.9011E-12	-53.115E-6	1.0623E-9			
1	Grid	-51.60604	144.20353	106.80000	0.02718	106.78	-1.9451E-12	-53.799E-6	1.0760E-9			
1	Grid	-49.61086	144.20353	106.80000	0.02739	106.78	-1.9844E-12	-54.468E-6	1.0894E-9			
1	Grid	-47.61568	144.20353	106.80000	0.02760	106.78	-2.0250E-12	-55.120E-6	1.1024E-9			
1	Grid	-45.62050	144.20353	106.80000	0.02779	106.78	-2.0637E-12	-55.754E-6	1.1151E-9			
1	Grid	-43.62532	144.20353	106.80000	0.02797	106.78	-2.1023E-12	-56.369E-6	1.1274E-9			
1	Grid	-41.63014	144.20353	106.80000	0.02813	106.78	-2.1403E-12	-56.963E-6	1.1393E-9			
1	Grid	-39.63496	144.20353	106.80000	0.02827	106.78	-2.1769E-12	-57.535E-6	1.1507E-9			
1	Grid	-37.63978	144.20353	106.80000	0.02838	106.78	-2.2096E-12	-58.083E-6	1.1617E-9			
1	Grid	-35.64460	144.20353	106.80000	0.02848	106.78	-2.2455E-12	-58.605E-6	1.1721E-9			
1	Grid	-33.64942	144.20353	106.80000	0.02854	106.78	-2.2748E-12	-59.102E-6	1.1820E-9			
1	Grid	-31.65424	144.20353	106.80000	0.02858	106.78	-2.3055E-12	-59.570E-6	1.1914E-9			
1	Grid	-29.65906	144.20353	106.80000	0.02858	106.78	-2.3321E-12	-60.010E-6	1.2002E-9			
1	Grid	-27.66388	144.20353	106.80000	0.02855	106.78	-2.3628E-12	-60.420E-6	1.2084E-9			
1	Grid	-25.66871	144.20353	106.80000	0.02848	106.78	-2.3834E-12	-60.798E-6	1.2160E-9			
1	Grid	-23.67353	144.20353	106.80000	0.02833	106.78	-2.4094E-12	-61.144E-6	1.2229E-9			
1	Grid	-21.67835	144.20353	106.80000	0.02820	106.78	-2.4287E-12	-61.457E-6	1.2291E-9			
1	Grid	-19.68317	144.20353	106.80000	0.02799	106.78	-2.4480E-12	-61.735E-6	1.2347E-9			
1	Grid	-17.68799	144.20353	106.80000	0.02772	106.78	-2.4620E-12	-61.979E-6	1.2396E-9			
1	Grid	-15.69281	144.20353	106.80000	0.02738	106.78	-2.4774E-12	-62.187E-6	1.2437E-9			
1	Grid	-13.69763	144.20353	106.80000	0.02695	106.78	-2.4893E-12	-62.358E-6	1.2472E-9			
1	Grid	-11.70245	144.20353	106.80000	0.02650	106.78	-2.4987E-12	-62.493E-6	1.2495E-9			
1	Grid	-9.70727	144.20353	106.80000	0.02593	106.78	-2.5027E-12	-62.591E-6	1.2518E-9			
1	Grid	-7.71209	144.20353	106.80000	0.02528	106.78	-2.5080E-12	-62.651E-6	1.2530E-9			
1	Grid	-5.71691	144.20353	106.80000	0.02452	106.78	-2.5087E-12	-62.673E-6	1.2535E-9			
1	Grid	-3.72173	144.20353	106.80000	0.02366	106.78	-2.5093E-12	-62.658E-6	1.2532E-9			
1	Grid	-1.72655	144.20353	106.80000	0.02268	106.78	-2.5027E-12	-62.605E-6	1.2521E-9			
1	Grid	0.26863	144.20353	106.80000	0.02157	106.78	-2.4967E-12	-62.514E-6	1.2503E-9			
1	Grid	2.26381	144.20353	106.80000	0.02032	106.78	-2.4893E-12	-62.386E-6	1.2477E-9			
1	Grid	4.25899	144.20353	106.80000	0.01892	106.78	-2.4794E-12	-62.221E-6	1.2444E-9			
1	Grid	6.25417	144.20353	106.80000	0.01736	106.78	-2.4640E-12	-62.020E-6	1.2404E-9			
1	Grid	8.24935	144.20353	106.80000	0.01561	106.78	-2.4487E-12	-61.783E-6	1.2357E-9			
1	Grid	10.24453	144.20353	106.80000	0.01368	106.78	-2.4307E-12	-61.511E-6	1.2302E-9			
1	Grid	12.23971	144.20353	106.80000	0.01154	106.78	-2.4107E-12	-61.205E-6	1.2241E-9			
1	Grid	14.23489	144.20353	106.80000	0.00917	106.78	-2.3868E-12	-60.866E-6	1.2173E-9			
1	Grid	16.23007	144.20353	106.80000	0.00656	106.78	-2.3621E-12	-60.494E-6	1.2099E-9			
1	Grid	18.22525	144.20353	106.80000	0.00369	106.78	-2.3375E-12	-60.090E-6	1.2018E-9			
1	Grid	20.22043	144.20353	106.80000	0.00055	106.78	-2.3095E-12	-59.656E-6	1.1931E-9			
1	Grid	22.21561	144.20353	106.80000	-0.00290	106.78	-2.2762E-12	-59.194E-6	1.1839E-9			
1	Grid	24.21079	144.20353	106.80000	-0.00666	106.78	-2.2482E-12	-58.703E-6	1.1741E-9			
1	Grid	26.20597	144.20353	106.80000	-0.01077	106.78	-2.2136E-12	-58.186E-6	1.1637E-9			
1	Grid	28.20115	144.20353	106.80000	-0.01524	106.78	-2.1789E-12	-57.643E-6	1.1529E-9			
1	Grid	30.19633	144.20353	106.80000	-0.02010	106.78	-2.1443E-12	-57.077E-6	1.1415E-9			
1	Grid	32.19151	144.20353	106.80000	-0.02536	106.78	-2.1056E-12	-56.488E-6	1.1298E-9			
1	Grid	34.18669	144.20353	106.80000	-0.03106	106.78	-2.0690E-12	-55.878E-6	1.1176E-9			
1	Grid	36.18187	144.20353	106.80000	-0.03722	106.78	-2.0297E-12	-55.248E-6	1.1050E-9			
1	Grid	38.17705	144.20353	106.80000	-0.04386	106.78	-1.9897E-12	-54.601E-6	1.0920E-9			
1	Grid	40.17223	144.20353	106.80000	-0.05101	106.78	-1.9498E-12	-53.936E-6	1.0787E-9			
1	Grid	42.16741	144.20353	106.80000	-0.05869	106.78	-1.9065E-12	-53.256E-6	1.0651E-9			
1	Grid	44.16259	144.20353	106.80000	-0.06691	106.78	-1.8652E-12	-52.562E-6	1.0512E-9			
1	Grid	46.15777	144.20353	106.80000	-0.07571	106.78	-1.8252E-12	-51.856E-6	1.0371E-9			
1	Grid	48.15295	144.20353	106.80000	-0.08511	106.78	-1.7819E-12	-51.138E-6	1.0228E-9			
1	Grid	50.14813	144.20353	106.80000	-0.09511	106.78	-1.7393E-12	-50.411E-6	1.0082E-9			
1	Grid	52.14331	144.20353	106.80000	-0.10573	106.78	-1.6986E-12	-49.675E-6	993.51E-12			
1	Grid	54.13849	144.20353	106.80000	-0.11698	106.78	-1.6553E-12	-48.932E-6	978.65E-12			
1	Grid	56.13367	144.20353	106.80000	-0.12887	106.78	-1.6114E-12	-48.183E-6	963.67E-12			
1	Grid	58.13885	144.20353	106.80000	-0.14139	106.78	-1.5721E-12	-47.430E-6	948.59E-12			
1	Grid	60.12403	144.20353	106.80000	-0.15453	106.78	-1.5274E-12	-46.672E-6	933.45E-12			
1	Grid	62.11921	144.20353	106.80000	-0.16827	106.78	-1.4881E-12	-45.913E-6	918.25E-12			
1	Grid	64.11439	144.20353	106.80000	-0.18258	106.78	-1.4448E-12	-45.151E-6	903.03E-12			
1	Grid	66.10957	144.20353	106.80000	-0.19742	106.78	-1.4049E-12	-44.390E-6	887.80E-12			
1	Grid	68.10475	144.20353	106.80000	-0.21272	106.78	-1.3717E-12	-43.629E-6	872.57E-12			
1	Grid	70.09993	144.20353	106.80000	-0.22839	106.78	-1.3229E-12	-42.870E-6	857.39E-12			
1	Grid	72.09511	144.20353	106.80000	-0.24435	106.78	-1.2843E-12	-42.113E-6	842.25E-12			
1	Grid	74.09029	144.20353	106.80000	-0.26044	106.78	-1.2483E-12	-41.359E-6	827.18E-12			
1	Grid	76.08547	144.20353	106.80000	-0.27653	106.78	-1.2097E-12	-40.609E-6	812.18E-12			
1	Grid	78.08065	144.20353	106.80000	-0.29240	106.78	-1.1717E-12	-39.864E-6	797.28E-12			
1	Grid	80.07583	144.20353	106.80000	-0.30784	106.78	-1.1378E-12	-39.124E-6	782.48E-12			
1	Grid	82.07101	144.20353	106.80000	-0.32259	106.78	-1.1005E-12	-38.390E-6	767.81E-12			
1	Grid	84.06619	144.20353	106.80000	-0.33635	106.78	-1.0678E-12	-37.663E-6	7533.26			

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term										Job No.	Sheet No.	Rev.		
										3244				
										Drg. Ref.				
Made by										Date		Checked		
AC														
Ref.	Name	x	y	z	δz	Stress: Calc. Level [MOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]					
		[m]	[m]	[MOD]	[mm]									
1	Grid	165.86856	144.20353	106.80000	-0.00633	106.78	0.0	-16.070E-6	321.41E-12					
1	Grid	167.86374	144.20353	106.80000	-0.00302	106.78	0.0	-15.740E-6	314.80E-12					
1	Grid	169.85892	144.20353	106.80000	-0.00005	106.78	0.0	-15.417E-6	308.34E-12					
1	Grid	171.85410	144.20353	106.80000	0.00262	106.78	0.0	-15.101E-6	302.02E-12					
1	Grid	173.84928	144.20353	106.80000	0.00501	106.78	0.0	-14.793E-6	295.86E-12					
1	Grid	175.84446	144.20353	106.80000	0.00714	106.78	0.0	-14.492E-6	289.83E-12					
1	Grid	177.83964	144.20353	106.80000	0.00904	106.78	0.0	-14.197E-6	283.94E-12					
1	Grid	179.83482	144.20353	106.80000	0.01072	106.78	0.0	-13.910E-6	278.19E-12					
1	Grid	181.83000	144.20353	106.80000	0.01220	106.78	0.0	-13.629E-6	272.57E-12					
1	Grid	-95.50000	146.07827	106.80000	0.02077	106.78	-1.0099E-12	-36.438E-6	728.75E-12					
1	Grid	-93.50482	146.07827	106.80000	0.02106	106.78	-1.0445E-12	-37.131E-6	742.61E-12					
1	Grid	-91.50964	146.07827	106.80000	0.02136	106.78	-1.0778E-12	-37.830E-6	756.60E-12					
1	Grid	-89.51446	146.07827	106.80000	0.02165	106.78	-1.1104E-12	-38.534E-6	770.69E-12					
1	Grid	-87.51928	146.07827	106.80000	0.02195	106.78	-1.1438E-12	-39.244E-6	784.88E-12					
1	Grid	-85.52410	146.07827	106.80000	0.02224	106.78	-1.1811E-12	-39.957E-6	799.15E-12					
1	Grid	-83.52892	146.07827	106.80000	0.02254	106.78	-1.2170E-12	-40.675E-6	813.49E-12					
1	Grid	-81.53374	146.07827	106.80000	0.02283	106.78	-1.2517E-12	-41.395E-6	827.89E-12					
1	Grid	-79.53856	146.07827	106.80000	0.02313	106.78	-1.2903E-12	-42.116E-6	842.33E-12					
1	Grid	-77.54338	146.07827	106.80000	0.02342	106.78	-1.3256E-12	-42.840E-6	856.79E-12					
1	Grid	-75.54820	146.07827	106.80000	0.02372	106.78	-1.3629E-12	-43.563E-6	871.26E-12					
1	Grid	-73.55302	146.07827	106.80000	0.02401	106.78	-1.4035E-12	-44.286E-6	885.72E-12					
1	Grid	-71.55784	146.07827	106.80000	0.02430	106.78	-1.4415E-12	-45.007E-6	900.14E-12					
1	Grid	-69.56266	146.07827	106.80000	0.02458	106.78	-1.4801E-12	-45.726E-6	914.52E-12					
1	Grid	-67.56748	146.07827	106.80000	0.02487	106.78	-1.5188E-12	-46.441E-6	928.82E-12					
1	Grid	-65.57230	146.07827	106.80000	0.02515	106.78	-1.5581E-12	-47.152E-6	943.03E-12					
1	Grid	-63.57712	146.07827	106.80000	0.02544	106.78	-1.5967E-12	-47.866E-6	957.12E-12					
1	Grid	-61.58194	146.07827	106.80000	0.02569	106.78	-1.6360E-12	-48.554E-6	971.08E-12					
1	Grid	-59.58676	146.07827	106.80000	0.02596	106.78	-1.6760E-12	-49.243E-6	984.86E-12					
1	Grid	-57.59158	146.07827	106.80000	0.02622	106.78	-1.7146E-12	-49.923E-6	998.47E-12					
1	Grid	-55.59640	146.07827	106.80000	0.02647	106.78	-1.7546E-12	-50.593E-6	1.0119E-9					
1	Grid	-53.60122	146.07827	106.80000	0.02671	106.78	-1.7919E-12	-51.250E-6	1.0250E-9					
1	Grid	-51.60604	146.07827	106.80000	0.02694	106.78	-1.8312E-12	-51.894E-6	1.0379E-9					
1	Grid	-49.61086	146.07827	106.80000	0.02717	106.78	-1.8665E-12	-52.524E-6	1.0505E-9					
1	Grid	-47.61568	146.07827	106.80000	0.02738	106.78	-1.9045E-12	-53.138E-6	1.0628E-9					
1	Grid	-45.62050	146.07827	106.80000	0.02757	106.78	-1.9404E-12	-53.734E-6	1.0747E-9					
1	Grid	-43.62532	146.07827	106.80000	0.02776	106.78	-1.9738E-12	-54.312E-6	1.0862E-9					
1	Grid	-41.63014	146.07827	106.80000	0.02792	106.78	-2.0104E-12	-54.870E-6	1.0974E-9					
1	Grid	-39.63496	146.07827	106.80000	0.02807	106.78	-2.0437E-12	-55.407E-6	1.1081E-9					
1	Grid	-37.63978	146.07827	106.80000	0.02820	106.78	-2.0737E-12	-55.921E-6	1.1184E-9					
1	Grid	-35.64460	146.07827	106.80000	0.02830	106.78	-2.1070E-12	-56.412E-6	1.1282E-9					
1	Grid	-33.64942	146.07827	106.80000	0.02838	106.78	-2.1343E-12	-56.878E-6	1.1376E-9					
1	Grid	-31.65424	146.07827	106.80000	0.02843	106.78	-2.1616E-12	-57.317E-6	1.1463E-9					
1	Grid	-29.65906	146.07827	106.80000	0.02845	106.78	-2.1869E-12	-57.730E-6	1.1546E-9					
1	Grid	-27.66388	146.07827	106.80000	0.02844	106.78	-2.2109E-12	-58.114E-6	1.1623E-9					
1	Grid	-25.66871	146.07827	106.80000	0.02839	106.78	-2.2355E-12	-58.468E-6	1.1694E-9					
1	Grid	-23.67353	146.07827	106.80000	0.02830	106.78	-2.2562E-12	-58.792E-6	1.1758E-9					
1	Grid	-21.67835	146.07827	106.80000	0.02817	106.78	-2.2735E-12	-59.085E-6	1.1817E-9					
1	Grid	-19.68317	146.07827	106.80000	0.02799	106.78	-2.2915E-12	-59.346E-6	1.1869E-9					
1	Grid	-17.68799	146.07827	106.80000	0.02775	106.78	-2.3055E-12	-59.574E-6	1.1915E-9					
1	Grid	-15.69281	146.07827	106.80000	0.02745	106.78	-2.3181E-12	-59.769E-6	1.1954E-9					
1	Grid	-13.69763	146.07827	106.80000	0.02709	106.78	-2.3281E-12	-59.930E-6	1.1986E-9					
1	Grid	-11.70245	146.07827	106.80000	0.02666	106.78	-2.3361E-12	-60.056E-6	1.2011E-9					
1	Grid	-9.70727	146.07827	106.80000	0.02615	106.78	-2.3428E-12	-60.147E-6	1.2029E-9					
1	Grid	-7.71209	146.07827	106.80000	0.02555	106.78	-2.3461E-12	-60.203E-6	1.2041E-9					
1	Grid	-5.71691	146.07827	106.80000	0.02487	106.78	-2.3475E-12	-60.224E-6	1.2045E-9					
1	Grid	-3.72173	146.07827	106.80000	0.02410	106.78	-2.3481E-12	-60.210E-6	1.2042E-9					
1	Grid	-1.72655	146.07827	106.80000	0.02319	106.78	-2.3428E-12	-60.160E-6	1.2032E-9					
1	Grid	0.26863	146.07827	106.80000	0.02217	106.78	-2.3375E-12	-60.075E-6	1.2015E-9					
1	Grid	2.26381	146.07827	106.80000	0.02103	106.78	-2.3281E-12	-59.956E-6	1.1991E-9					
1	Grid	4.25899	146.07827	106.80000	0.01975	106.78	-2.3201E-12	-59.802E-6	1.1960E-9					
1	Grid	6.25417	146.07827	106.80000	0.01832	106.78	-2.3042E-12	-59.614E-6	1.1923E-9					
1	Grid	8.24935	146.07827	106.80000	0.01672	106.78	-2.2928E-12	-59.392E-6	1.1878E-9					
1	Grid	10.24453	146.07827	106.80000	0.01495	106.78	-2.2755E-12	-59.137E-6	1.1827E-9					
1	Grid	12.23971	146.07827	106.80000	0.01299	106.78	-2.2589E-12	-58.850E-6	1.1770E-9					
1	Grid	14.23489	146.07827	106.80000	0.01082	106.78	-2.2369E-12	-58.532E-6	1.1706E-9					
1	Grid	16.23007	146.07827	106.80000	0.00844	106.78	-2.2149E-12	-58.184E-6	1.1637E-9					
1	Grid	18.22525	146.07827	106.80000	0.00582	106.78	-2.1882E-12	-57.806E-6	1.1561E-9					
1	Grid	20.22043	146.07827	106.80000	0.00294	106.78	-2.1636E-12	-57.399E-6	1.1480E-9					
1	Grid	22.21561	146.07827	106.80000	-0.00020	106.78	-2.1356E-12	-56.965E-6	1.1393E-9					
1	Grid	24.21079	146.07827	106.80000	-0.00363	106.78	-2.1090E-12	-56.505E-6	1.1301E-9					
1	Grid	26.20597	146.07827	106.80000	-0.00737	106.78	-2.0750E-12	-56.019E-6	1.1204E-9					
1	Grid	28.20115	146.07827	106.80000	-0.01143	106.78	-2.0464E-12	-55.510E-6	1.1102E-9					
1	Grid	30.19633	146.07827	106.80000	-0.01584	106.78	-2.0111E-12	-54.978E-6	1.0996E-9					
1	Grid	32.19151	146.07827	106.80000	-0.02062	106.78	-1.9791E-12	-54.425E-6	1.0885E-9					
1	Grid	34.18669	146.07827	106.80000	-0.02579	106.78	-1.9438E-12	-53.851E-6	1.0770E-9					
1	Grid	36.18187	146.07827	106.80000	-0.03136	106.78	-1.9091E-12	-53.259E-6	1.0652E-9					
1	Grid	38.17705	146.07827	106.80000	-0.03735	106.78	-1.8732E-12	-52.650E-6	1.0530E-9					
1	Grid	40.17223	146.07827	106.80000	-0.04380	106.78	-1.8339E-12	-52.024E-6	1.0405E-9					
1	Grid	42.16741	146.07827	106.80000	-0.05070	106.78	-1.7959E-12	-51.384E-6	1.0277E-9					
1	Grid	44.16259	146.07827	106.80000	-0.05810	106.78	-1.7566E-12	-50.730E-6	1.0146E-9					
1	Grid	46.15777	146.07827	106.80000	-0.06599	106.78	-1.7200E-12	-50.064E-6	1.0013E-9					
1	Grid	48.15295	146.07827	106.80000	-0.07439	106.78	-1.6813E-12	-49.387E-6	987.75E-12					
1	Grid	50.14813	146.07827	106.80000	-0.08331	106.78	-1.6434E-12	-48.701E-6	974.02E-12					
1	Grid	52.14331	146.07827	106.80000	-0.09277	106.78	-1.6034E-12	-48.006E-6	960.12E-12					
1	Grid	54.13849	146.07827	106.80000	-0.10277	106.78	-1.5627E-12	-47.304E-6	946.08E-12					
1	Grid	56.13367	146.07827	106.80000	-0.11330	106.78	-1.5248E-12	-46.596E-6	931.92E-12					
1	Grid	58.12885	146.07827	106.80000	-0.12435	106.78	-1.4868E-12	-45.883E-6	917.68E-12					
1	Grid	60.12403	146.07827	106.80000	-0.13592	106.78	-1.4468E-12	-45.166E-6	903.33E-12					
1	Grid	62.11921	146.07827	106.80000	-0.14797	106.78	-1.4089E-12	-44.447E-6	888.94E-12					
1	Grid	64.11439	146.07827	106.80000	-0.16048	106.78	-1.3696E-12	-43.726E-6	874.51E-12					
1	Grid	66.10957	146.07827	106.80000	-0.17374									



Highgate Junior School Sports Hall

Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	145.91676	146.07827	106.80000	-0.05684	106.78	0.0	-19.460E-6	389.21E-12
1	Grid	147.91194	146.07827	106.80000	-0.04931	106.78	0.0	-19.058E-6	381.17E-12
1	Grid	149.90712	146.07827	106.80000	-0.04236	106.78	0.0	-18.665E-6	373.30E-12
1	Grid	151.90230	146.07827	106.80000	-0.03596	106.78	0.0	-18.280E-6	365.60E-12
1	Grid	153.89748	146.07827	106.80000	-0.03008	106.78	0.0	-17.903E-6	358.06E-12
1	Grid	155.89266	146.07827	106.80000	-0.02469	106.78	0.0	-17.535E-6	350.70E-12
1	Grid	157.88784	146.07827	106.80000	-0.01976	106.78	0.0	-17.175E-6	343.49E-12
1	Grid	159.88302	146.07827	106.80000	-0.01527	106.78	0.0	-16.822E-6	336.45E-12
1	Grid	161.87820	146.07827	106.80000	-0.01118	106.78	0.0	-16.478E-6	329.56E-12
1	Grid	163.87338	146.07827	106.80000	-0.00748	106.78	0.0	-16.141E-6	322.83E-12
1	Grid	165.86856	146.07827	106.80000	-0.00412	106.78	0.0	-15.812E-6	316.24E-12
1	Grid	167.86374	146.07827	106.80000	-0.00110	106.78	0.0	-15.490E-6	309.81E-12
1	Grid	169.85892	146.07827	106.80000	0.00163	106.78	0.0	-15.176E-6	303.52E-12
1	Grid	171.85410	146.07827	106.80000	0.00408	106.78	0.0	-14.868E-6	297.37E-12
1	Grid	173.84928	146.07827	106.80000	0.00627	106.78	0.0	-14.566E-6	291.35E-12
1	Grid	175.84446	146.07827	106.80000	0.00823	106.78	0.0	-14.274E-6	285.48E-12
1	Grid	177.83964	146.07827	106.80000	0.00997	106.78	0.0	-13.987E-6	279.74E-12
1	Grid	179.83482	146.07827	106.80000	0.01151	106.78	0.0	-13.706E-6	274.13E-12
1	Grid	181.83000	146.07827	106.80000	0.01288	106.78	0.0	-13.432E-6	268.64E-12
1	Grid	-95.50000	147.95302	106.80000	0.02055	106.78	0.0	-35.423E-6	708.46E-12
1	Grid	-93.60482	147.95302	106.80000	0.02145	106.78	0.0	-36.084E-6	721.69E-12
1	Grid	-91.50964	147.95302	106.80000	0.02113	106.78	-1.0265E-12	-36.751E-6	735.01E-12
1	Grid	-89.51446	147.95302	106.80000	0.02142	106.78	-1.0578E-12	-37.422E-6	748.44E-12
1	Grid	-87.51928	147.95302	106.80000	0.02171	106.78	-1.0905E-12	-38.097E-6	761.94E-12
1	Grid	-85.52410	147.95302	106.80000	0.02201	106.78	-1.1244E-12	-38.776E-6	775.52E-12
1	Grid	-83.52892	147.95302	106.80000	0.02230	106.78	-1.1564E-12	-39.456E-6	789.16E-12
1	Grid	-81.53374	147.95302	106.80000	0.02259	106.78	-1.1910E-12	-40.142E-6	802.85E-12
1	Grid	-79.53856	147.95302	106.80000	0.02289	106.78	-1.2224E-12	-40.828E-6	816.56E-12
1	Grid	-77.54338	147.95302	106.80000	0.02318	106.78	-1.2590E-12	-41.514E-6	830.29E-12
1	Grid	-75.54820	147.95302	106.80000	0.02347	106.78	-1.2923E-12	-42.201E-6	844.01E-12
1	Grid	-73.55302	147.95302	106.80000	0.02376	106.78	-1.3289E-12	-42.886E-6	857.72E-12
1	Grid	-71.55784	147.95302	106.80000	0.02405	106.78	-1.3669E-12	-43.570E-6	871.39E-12
1	Grid	-69.56266	147.95302	106.80000	0.02433	106.78	-1.4002E-12	-44.250E-6	885.00E-12
1	Grid	-67.56748	147.95302	106.80000	0.02462	106.78	-1.4369E-12	-44.927E-6	898.54E-12
1	Grid	-65.57230	147.95302	106.80000	0.02490	106.78	-1.4742E-12	-45.599E-6	911.98E-12
1	Grid	-63.57712	147.95302	106.80000	0.02519	106.78	-1.5108E-12	-46.265E-6	925.31E-12
1	Grid	-61.58194	147.95302	106.80000	0.02544	106.78	-1.5461E-12	-46.924E-6	938.49E-12
1	Grid	-59.58676	147.95302	106.80000	0.02571	106.78	-1.5807E-12	-47.576E-6	951.51E-12
1	Grid	-57.59158	147.95302	106.80000	0.02597	106.78	-1.6180E-12	-48.218E-6	964.35E-12
1	Grid	-55.59640	147.95302	106.80000	0.02622	106.78	-1.6540E-12	-48.849E-6	976.98E-12
1	Grid	-53.60122	147.95302	106.80000	0.02647	106.78	-1.6886E-12	-49.469E-6	989.38E-12
1	Grid	-51.60604	147.95302	106.80000	0.02670	106.78	-1.7240E-12	-50.076E-6	1.0015E-9
1	Grid	-49.61086	147.95302	106.80000	0.02693	106.78	-1.7593E-12	-50.669E-6	1.0134E-9
1	Grid	-47.61568	147.95302	106.80000	0.02714	106.78	-1.7912E-12	-51.247E-6	1.0249E-9
1	Grid	-45.62050	147.95302	106.80000	0.02735	106.78	-1.8232E-12	-51.808E-6	1.0362E-9
1	Grid	-43.62532	147.95302	106.80000	0.02755	106.78	-1.8585E-12	-52.352E-6	1.0470E-9
1	Grid	-41.63014	147.95302	106.80000	0.02771	106.78	-1.8858E-12	-52.877E-6	1.0575E-9
1	Grid	-39.63496	147.95302	106.80000	0.02786	106.78	-1.9191E-12	-53.382E-6	1.0676E-9
1	Grid	-37.63978	147.95302	106.80000	0.02800	106.78	-1.9438E-12	-53.865E-6	1.0773E-9
1	Grid	-35.64460	147.95302	106.80000	0.02811	106.78	-1.9751E-12	-54.326E-6	1.0865E-9
1	Grid	-33.64942	147.95302	106.80000	0.02822	106.78	-2.0044E-12	-54.763E-6	1.0953E-9
1	Grid	-31.65424	147.95302	106.80000	0.02827	106.78	-2.0264E-12	-55.176E-6	1.1035E-9
1	Grid	-29.65906	147.95302	106.80000	0.02831	106.78	-2.0517E-12	-55.563E-6	1.1113E-9
1	Grid	-27.66388	147.95302	106.80000	0.02831	106.78	-2.0737E-12	-55.923E-6	1.1185E-9
1	Grid	-25.66871	147.95302	106.80000	0.02829	106.78	-2.0943E-12	-56.256E-6	1.1251E-9
1	Grid	-23.67353	147.95302	106.80000	0.02822	106.78	-2.1123E-12	-56.560E-6	1.1312E-9
1	Grid	-21.67835	147.95302	106.80000	0.02811	106.78	-2.1296E-12	-56.834E-6	1.1367E-9
1	Grid	-19.68317	147.95302	106.80000	0.02796	106.78	-2.1443E-12	-57.079E-6	1.1416E-9
1	Grid	-17.68799	147.95302	106.80000	0.02775	106.78	-2.1583E-12	-57.293E-6	1.1459E-9
1	Grid	-15.69281	147.95302	106.80000	0.02749	106.78	-2.1676E-12	-57.475E-6	1.1495E-9
1	Grid	-13.69763	147.95302	106.80000	0.02719	106.78	-2.1796E-12	-57.625E-6	1.1525E-9
1	Grid	-11.70245	147.95302	106.80000	0.02678	106.78	-2.1876E-12	-57.744E-6	1.1549E-9
1	Grid	-9.70727	147.95302	106.80000	0.02633	106.78	-2.1936E-12	-57.829E-6	1.1566E-9
1	Grid	-7.71209	147.95302	106.80000	0.02579	106.78	-2.1942E-12	-57.882E-6	1.1576E-9
1	Grid	-5.71691	147.95302	106.80000	0.02517	106.78	-2.1969E-12	-57.902E-6	1.1580E-9
1	Grid	-3.72173	147.95302	106.80000	0.02445	106.78	-2.1956E-12	-57.889E-6	1.1578E-9
1	Grid	-1.72655	147.95302	106.80000	0.02364	106.78	-2.1916E-12	-57.842E-6	1.1568E-9
1	Grid	0.26863	147.95302	106.80000	0.02272	106.78	-2.1889E-12	-57.762E-6	1.1552E-9
1	Grid	2.26381	147.95302	106.80000	0.02167	106.78	-2.1816E-12	-57.650E-6	1.1530E-9
1	Grid	4.25899	147.95302	106.80000	0.02050	106.78	-2.1703E-12	-57.506E-6	1.1501E-9
1	Grid	6.25417	147.95302	106.80000	0.01923	106.78	-2.1609E-12	-57.330E-6	1.1466E-9
1	Grid	8.24935	147.95302	106.80000	0.01774	106.78	-2.1469E-12	-57.122E-6	1.1424E-9
1	Grid	10.24453	147.95302	106.80000	0.01612	106.78	-2.1323E-12	-56.884E-6	1.1377E-9
1	Grid	12.23971	147.95302	106.80000	0.01433	106.78	-2.1156E-12	-56.615E-6	1.1323E-9
1	Grid	14.23489	147.95302	106.80000	0.01235	106.78	-2.0950E-12	-56.317E-6	1.1263E-9
1	Grid	16.23007	147.95302	106.80000	0.01019	106.78	-2.0770E-12	-55.990E-6	1.1198E-9
1	Grid	18.22525	147.95302	106.80000	0.00778	106.78	-2.0557E-12	-55.635E-6	1.1127E-9
1	Grid	20.22043	147.95302	106.80000	0.00516	106.78	-2.0290E-12	-55.254E-6	1.1051E-9
1	Grid	22.21561	147.95302	106.80000	0.00230	106.78	-2.0044E-12	-54.846E-6	1.0969E-9
1	Grid	24.21079	147.95302	106.80000	-0.00082	106.78	-1.9791E-12	-54.414E-6	1.0883E-9
1	Grid	26.20597	147.95302	106.80000	-0.00262	106.78	-1.9531E-12	-53.953E-6	1.0792E-9
1	Grid	28.20115	147.95302	106.80000	-0.00792	106.78	-1.9218E-12	-53.480E-6	1.0696E-9
1	Grid	30.19633	147.95302	106.80000	-0.01192	106.78	-1.8938E-12	-52.980E-6	1.0596E-9
1	Grid	32.19151	147.95302	106.80000	-0.01625	106.78	-1.8592E-12	-52.460E-6	1.0492E-9
1	Grid	34.18669	147.95302	106.80000	-0.02092	106.78	-1.8285E-12	-51.920E-6	1.0384E-9
1	Grid	36.18187	147.95302	106.80000	-0.02585	106.78	-1.7966E-12	-51.363E-6	1.0273E-9
1	Grid	38.17705	147.95302	106.80000	-0.03136	106.78	-1.7606E-12	-50.789E-6	1.0158E-9
1	Grid	40.17223	147.95302	106.80000	-0.03716	106.78	-1.7266E-12	-50.200E-6	1.0040E-9
1	Grid	42.16741	147.95302	106.80000	-0.04338	106.78	-1.6946E-12	-49.596E-6	991.93E-12
1	Grid	44.16259	147.95302	106.80000	-0.05001	106.78	-1.6567E-12	-48.980E-6	979.60E-12
1	Grid	46.15777	147.95302	106.80000	-0.05698	106.78	-1.6200E-12	-48.352E-6	967.04E-12
1	Grid	48.15295	147.95302	106.80000	-0.06459	106.78	-1.5867E-12	-47.713E-6	954.26E-12
1	Grid	50.14813	147.95302	106.80000	-0.07255	106.78	-1.5514E-12	-47.065E-6	941.29E-12
1	Grid	52.14331	147.95302	106.80000	-0.08096	106.78	-1.5168E-12	-46.408E-6	928.16E-12
1	Grid	54.13849	147.95302	106.80000	-0.08983	106.78	-1.4788E-12	-45.745E-6	914.89E-12
1	Grid	56.13367	147.95302	106.80000	-0.09915	106.78	-1.4435E-12	-45.055E-6	901.50E-12
1	Grid	58.12885	147.95302	106.80000	-0.10891	106.78	-1.4062E-12	-44.400E-6	888.00E-12
1	Grid	60.12403	147.95302	106.80000	-0.11909	106.78	-1.3702E-12	-43.721E-6	874.43E-12

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term					Job No.		Sheet No.		Rev.	
					3244					
					Drg. Ref.					
					Made by AC		Date		Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain	
		[m]	[m]	[MOD]	[mm]	[MOD]	[kN/m²]	[kN/m²]	[µ]	
1	Grid	125.96496	147.95302	106.80000	-0.14552	106.78	0.0	-23.479E-6	469.57E-12	
1	Grid	127.96014	147.95302	106.80000	-0.13380	106.78	0.0	-23.001E-6	460.01E-12	
1	Grid	129.95532	147.95302	106.80000	-0.12246	106.78	0.0	-22.532E-6	450.63E-12	
1	Grid	131.95050	147.95302	106.80000	-0.11155	106.78	0.0	-22.072E-6	441.43E-12	
1	Grid	133.94568	147.95302	106.80000	-0.10112	106.78	0.0	-21.621E-6	432.42E-12	
1	Grid	135.94086	147.95302	106.80000	-0.09120	106.78	0.0	-21.179E-6	423.58E-12	
1	Grid	137.93604	147.95302	106.80000	-0.08181	106.78	0.0	-20.746E-6	414.92E-12	
1	Grid	139.93122	147.95302	106.80000	-0.07296	106.78	0.0	-20.322E-6	406.44E-12	
1	Grid	141.92640	147.95302	106.80000	-0.06464	106.78	0.0	-19.906E-6	398.13E-12	
1	Grid	143.92158	147.95302	106.80000	-0.05687	106.78	0.0	-19.500E-6	389.99E-12	
1	Grid	145.91676	147.95302	106.80000	-0.04962	106.78	0.0	-19.101E-6	382.03E-12	
1	Grid	147.91194	147.95302	106.80000	-0.04288	106.78	0.0	-18.711E-6	374.23E-12	
1	Grid	149.90712	147.95302	106.80000	-0.03664	106.78	0.0	-18.330E-6	366.59E-12	
1	Grid	151.90230	147.95302	106.80000	-0.03088	106.78	0.0	-17.956E-6	359.12E-12	
1	Grid	153.89748	147.95302	106.80000	-0.02558	106.78	0.0	-17.590E-6	351.81E-12	
1	Grid	155.89266	147.95302	106.80000	-0.02071	106.78	0.0	-17.233E-6	344.65E-12	
1	Grid	157.88784	147.95302	106.80000	-0.01625	106.78	0.0	-16.883E-6	337.65E-12	
1	Grid	159.88302	147.95302	106.80000	-0.01217	106.78	0.0	-16.540E-6	330.81E-12	
1	Grid	161.87820	147.95302	106.80000	-0.00846	106.78	0.0	-16.205E-6	324.11E-12	
1	Grid	163.87338	147.95302	106.80000	-0.00509	106.78	0.0	-15.878E-6	317.56E-12	
1	Grid	165.86856	147.95302	106.80000	-0.00203	106.78	0.0	-15.557E-6	311.15E-12	
1	Grid	167.86374	147.95302	106.80000	0.00073	106.78	0.0	-15.244E-6	304.88E-12	
1	Grid	169.85892	147.95302	106.80000	0.00322	106.78	0.0	-14.938E-6	298.76E-12	
1	Grid	171.85410	147.95302	106.80000	0.00546	106.78	0.0	-14.638E-6	292.77E-12	
1	Grid	173.84928	147.95302	106.80000	0.00747	106.78	0.0	-14.345E-6	286.91E-12	
1	Grid	175.84446	147.95302	106.80000	0.00926	106.78	0.0	-14.059E-6	281.18E-12	
1	Grid	177.83964	147.95302	106.80000	0.01085	106.78	0.0	-13.779E-6	275.58E-12	
1	Grid	179.83482	147.95302	106.80000	0.01227	106.78	0.0	-13.505E-6	270.11E-12	
1	Grid	181.83000	147.95302	106.80000	0.01352	106.78	0.0	-13.238E-6	264.76E-12	
1	Grid	-95.50000	149.82777	106.80000	0.02033	106.78	0.0	-34.443E-6	688.86E-12	
1	Grid	-93.50482	149.82777	106.80000	0.02061	106.78	0.0	-35.073E-6	701.47E-12	
1	Grid	-91.50964	149.82777	106.80000	0.02090	106.78	0.0	-35.709E-6	714.18E-12	
1	Grid	-89.51446	149.82777	106.80000	0.02119	106.78	-1.0072E-12	-36.348E-6	726.97E-12	
1	Grid	-87.51928	149.82777	106.80000	0.02148	106.78	-1.0378E-12	-36.992E-6	739.83E-12	
1	Grid	-85.52410	149.82777	106.80000	0.02177	106.78	-1.0671E-12	-37.638E-6	752.76E-12	
1	Grid	-83.52892	149.82777	106.80000	0.02206	106.78	-1.0998E-12	-38.286E-6	765.73E-12	
1	Grid	-81.53374	149.82777	106.80000	0.02235	106.78	-1.1298E-12	-38.937E-6	778.74E-12	
1	Grid	-79.53856	149.82777	106.80000	0.02264	106.78	-1.1637E-12	-39.588E-6	791.77E-12	
1	Grid	-77.54338	149.82777	106.80000	0.02293	106.78	-1.1930E-12	-40.240E-6	804.80E-12	
1	Grid	-75.54820	149.82777	106.80000	0.02322	106.78	-1.2270E-12	-40.892E-6	817.83E-12	
1	Grid	-73.55302	149.82777	106.80000	0.02351	106.78	-1.2603E-12	-41.542E-6	830.83E-12	
1	Grid	-71.55784	149.82777	106.80000	0.02379	106.78	-1.2936E-12	-42.190E-6	843.79E-12	
1	Grid	-69.56266	149.82777	106.80000	0.02408	106.78	-1.3263E-12	-42.834E-6	856.69E-12	
1	Grid	-67.56748	149.82777	106.80000	0.02436	106.78	-1.3609E-12	-43.475E-6	869.51E-12	
1	Grid	-65.57230	149.82777	106.80000	0.02464	106.78	-1.3942E-12	-44.111E-6	882.23E-12	
1	Grid	-63.57712	149.82777	106.80000	0.02492	106.78	-1.4269E-12	-44.742E-6	894.83E-12	
1	Grid	-61.58194	149.82777	106.80000	0.02519	106.78	-1.4622E-12	-45.365E-6	907.30E-12	
1	Grid	-59.58676	149.82777	106.80000	0.02545	106.78	-1.4901E-12	-45.980E-6	919.60E-12	
1	Grid	-57.59158	149.82777	106.80000	0.02571	106.78	-1.5274E-12	-46.586E-6	931.73E-12	
1	Grid	-55.59640	149.82777	106.80000	0.02597	106.78	-1.5601E-12	-47.183E-6	943.65E-12	
1	Grid	-53.60122	149.82777	106.80000	0.02625	106.78	-1.5941E-12	-47.768E-6	955.35E-12	
1	Grid	-51.60604	149.82777	106.80000	0.02645	106.78	-1.6240E-12	-48.340E-6	966.80E-12	
1	Grid	-49.61086	149.82777	106.80000	0.02668	106.78	-1.6560E-12	-48.899E-6	977.98E-12	
1	Grid	-47.61568	149.82777	106.80000	0.02690	106.78	-1.6867E-12	-49.444E-6	988.87E-12	
1	Grid	-45.62050	149.82777	106.80000	0.02711	106.78	-1.7173E-12	-49.972E-6	999.45E-12	
1	Grid	-43.62532	149.82777	106.80000	0.02730	106.78	-1.7473E-12	-50.494E-6	1.0097E-9	
1	Grid	-41.63014	149.82777	106.80000	0.02748	106.78	-1.7739E-12	-50.978E-6	1.0196E-9	
1	Grid	-39.63496	149.82777	106.80000	0.02764	106.78	-1.8052E-12	-51.453E-6	1.0291E-9	
1	Grid	-37.63978	149.82777	106.80000	0.02779	106.78	-1.8292E-12	-51.908E-6	1.0382E-9	
1	Grid	-35.64460	149.82777	106.80000	0.02791	106.78	-1.8578E-12	-52.341E-6	1.0468E-9	
1	Grid	-33.64942	149.82777	106.80000	0.02802	106.78	-1.8798E-12	-52.752E-6	1.0550E-9	
1	Grid	-31.65424	149.82777	106.80000	0.02809	106.78	-1.9058E-12	-53.139E-6	1.0628E-9	
1	Grid	-29.65906	149.82777	106.80000	0.02815	106.78	-1.9245E-12	-53.503E-6	1.0701E-9	
1	Grid	-27.66388	149.82777	106.80000	0.02817	106.78	-1.9458E-12	-53.841E-6	1.0768E-9	
1	Grid	-25.66871	149.82777	106.80000	0.02816	106.78	-1.9658E-12	-54.153E-6	1.0831E-9	
1	Grid	-23.67353	149.82777	106.80000	0.02811	106.78	-1.9811E-12	-54.439E-6	1.0888E-9	
1	Grid	-21.67835	149.82777	106.80000	0.02803	106.78	-1.9971E-12	-54.696E-6	1.0939E-9	
1	Grid	-19.68317	149.82777	106.80000	0.02790	106.78	-2.0124E-12	-54.926E-6	1.0985E-9	
1	Grid	-17.68799	149.82777	106.80000	0.02773	106.78	-2.0230E-12	-55.126E-6	1.1025E-9	
1	Grid	-15.69281	149.82777	106.80000	0.02750	106.78	-2.0337E-12	-55.297E-6	1.1059E-9	
1	Grid	-13.69763	149.82777	106.80000	0.02729	106.78	-2.0437E-12	-55.438E-6	1.1088E-9	
1	Grid	-11.70245	149.82777	106.80000	0.02688	106.78	-2.0497E-12	-55.549E-6	1.1110E-9	
1	Grid	-9.70727	149.82777	106.80000	0.02647	106.78	-2.0537E-12	-55.629E-6	1.1126E-9	
1	Grid	-7.71209	149.82777	106.80000	0.02599	106.78	-2.0570E-12	-55.679E-6	1.1136E-9	
1	Grid	-5.71691	149.82777	106.80000	0.02543	106.78	-2.0590E-12	-55.697E-6	1.1139E-9	
1	Grid	-3.72173	149.82777	106.80000	0.02478	106.78	-2.0557E-12	-55.685E-6	1.1137E-9	
1	Grid	-1.72655	149.82777	106.80000	0.02404	106				



Highgate Junior School Sports Hall

Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	106.01317	149.82777	106.80000	-0.22425	106.78	0.0	-28.075E-12	561.50E-12
1	Grid	108.00835	149.82777	106.80000	-0.21688	106.78	0.0	-27.527E-12	550.55E-12
1	Grid	110.00353	149.82777	106.80000	-0.20859	106.78	0.0	-26.988E-12	539.76E-12
1	Grid	111.99871	149.82777	106.80000	-0.19954	106.78	0.0	-26.457E-12	529.14E-12
1	Grid	113.99388	149.82777	106.80000	-0.18988	106.78	0.0	-25.935E-12	518.69E-12
1	Grid	115.98906	149.82777	106.80000	-0.17978	106.78	0.0	-25.421E-12	508.42E-12
1	Grid	117.98424	149.82777	106.80000	-0.16938	106.78	0.0	-24.916E-12	498.31E-12
1	Grid	119.97942	149.82777	106.80000	-0.15881	106.78	0.0	-24.419E-12	488.39E-12
1	Grid	121.97460	149.82777	106.80000	-0.14820	106.78	0.0	-23.932E-12	478.63E-12
1	Grid	123.96978	149.82777	106.80000	-0.13765	106.78	0.0	-23.453E-12	469.05E-12
1	Grid	125.96496	149.82777	106.80000	-0.12725	106.78	0.0	-22.982E-12	459.65E-12
1	Grid	127.96014	149.82777	106.80000	-0.11708	106.78	0.0	-22.521E-12	450.42E-12
1	Grid	129.95532	149.82777	106.80000	-0.10721	106.78	0.0	-22.068E-12	441.36E-12
1	Grid	131.95050	149.82777	106.80000	-0.09768	106.78	0.0	-21.624E-12	432.47E-12
1	Grid	133.94568	149.82777	106.80000	-0.08854	106.78	0.0	-21.188E-12	423.76E-12
1	Grid	135.94086	149.82777	106.80000	-0.07965	106.78	0.0	-20.760E-12	415.21E-12
1	Grid	137.93604	149.82777	106.80000	-0.07153	106.78	0.0	-20.342E-12	406.83E-12
1	Grid	139.93122	149.82777	106.80000	-0.06370	106.78	0.0	-19.931E-12	398.62E-12
1	Grid	141.92640	149.82777	106.80000	-0.05633	106.78	0.0	-19.529E-12	390.58E-12
1	Grid	143.92158	149.82777	106.80000	-0.04941	106.78	0.0	-19.135E-12	382.69E-12
1	Grid	145.91676	149.82777	106.80000	-0.04296	106.78	0.0	-18.749E-12	374.97E-12
1	Grid	147.91194	149.82777	106.80000	-0.03692	106.78	0.0	-18.370E-12	367.41E-12
1	Grid	149.90712	149.82777	106.80000	-0.03133	106.78	0.0	-18.000E-12	360.00E-12
1	Grid	151.90230	149.82777	106.80000	-0.02616	106.78	0.0	-17.638E-12	352.75E-12
1	Grid	153.89748	149.82777	106.80000	-0.02138	106.78	0.0	-17.283E-12	345.65E-12
1	Grid	155.89266	149.82777	106.80000	-0.01695	106.78	0.0	-16.935E-12	338.70E-12
1	Grid	157.88784	149.82777	106.80000	-0.01296	106.78	0.0	-16.595E-12	331.90E-12
1	Grid	159.88302	149.82777	106.80000	-0.00927	106.78	0.0	-16.262E-12	325.25E-12
1	Grid	161.87820	149.82777	106.80000	-0.00591	106.78	0.0	-15.937E-12	318.74E-12
1	Grid	163.87338	149.82777	106.80000	-0.00284	106.78	0.0	-15.618E-12	312.36E-12
1	Grid	165.86856	149.82777	106.80000	-0.00000	106.78	0.0	-15.306E-12	306.13E-12
1	Grid	167.86374	149.82777	106.80000	0.00245	106.78	0.0	-15.001E-12	300.03E-12
1	Grid	169.85892	149.82777	106.80000	0.00472	106.78	0.0	-14.703E-12	294.06E-12
1	Grid	171.85410	149.82777	106.80000	0.00676	106.78	0.0	-14.411E-12	288.23E-12
1	Grid	173.84928	149.82777	106.80000	0.00859	106.78	0.0	-14.126E-12	282.52E-12
1	Grid	175.84446	149.82777	106.80000	0.01019	106.78	0.0	-13.847E-12	276.94E-12
1	Grid	177.83964	149.82777	106.80000	0.01169	106.78	0.0	-13.574E-12	271.48E-12
1	Grid	179.83482	149.82777	106.80000	0.01298	106.78	0.0	-13.307E-12	266.14E-12
1	Grid	181.83000	149.82777	106.80000	0.01412	106.78	0.0	-13.046E-12	260.91E-12
1	Grid	-95.50000	151.70252	106.80000	0.02010	106.78	0.0	-33.495E-12	669.90E-12
1	Grid	-93.49518	151.70252	106.80000	0.02039	106.78	0.0	-34.097E-12	681.94E-12
1	Grid	-91.50964	151.70252	106.80000	0.02067	106.78	0.0	-34.703E-12	694.06E-12
1	Grid	-89.51446	151.70252	106.80000	0.02096	106.78	0.0	-35.312E-12	706.25E-12
1	Grid	-87.51928	151.70252	106.80000	0.02124	106.78	0.0	-35.925E-12	718.50E-12
1	Grid	-85.52410	151.70252	106.80000	0.02153	106.78	-1.0159E-12	-36.540E-12	730.81E-12
1	Grid	-83.52892	151.70252	106.80000	0.02182	106.78	-1.0458E-12	-37.163E-12	743.15E-12
1	Grid	-81.53374	151.70252	106.80000	0.02211	106.78	-1.0745E-12	-37.776E-12	755.53E-12
1	Grid	-79.53856	151.70252	106.80000	0.02239	106.78	-1.1038E-12	-38.396E-12	767.91E-12
1	Grid	-77.54338	151.70252	106.80000	0.02268	106.78	-1.1338E-12	-39.015E-12	780.30E-12
1	Grid	-75.54820	151.70252	106.80000	0.02297	106.78	-1.1646E-12	-39.633E-12	792.66E-12
1	Grid	-73.55302	151.70252	106.80000	0.02326	106.78	-1.1977E-12	-40.250E-12	805.00E-12
1	Grid	-71.55784	151.70252	106.80000	0.02354	106.78	-1.2250E-12	-40.865E-12	817.29E-12
1	Grid	-69.56266	151.70252	106.80000	0.02382	106.78	-1.2557E-12	-41.476E-12	829.52E-12
1	Grid	-67.56748	151.70252	106.80000	0.02410	106.78	-1.2863E-12	-42.083E-12	841.66E-12
1	Grid	-65.57230	151.70252	106.80000	0.02438	106.78	-1.3176E-12	-42.686E-12	853.71E-12
1	Grid	-63.57712	151.70252	106.80000	0.02466	106.78	-1.3483E-12	-43.287E-12	865.64E-12
1	Grid	-61.58194	151.70252	106.80000	0.02493	106.78	-1.3789E-12	-43.871E-12	877.43E-12
1	Grid	-59.58676	151.70252	106.80000	0.02519	106.78	-1.4122E-12	-44.453E-12	889.06E-12
1	Grid	-57.59158	151.70252	106.80000	0.02545	106.78	-1.4415E-12	-45.026E-12	900.52E-12
1	Grid	-55.59640	151.70252	106.80000	0.02571	106.78	-1.4722E-12	-45.589E-12	911.79E-12
1	Grid	-53.60122	151.70252	106.80000	0.02596	106.78	-1.5028E-12	-46.141E-12	922.83E-12
1	Grid	-51.60604	151.70252	106.80000	0.02620	106.78	-1.5308E-12	-46.682E-12	933.64E-12
1	Grid	-49.61086	151.70252	106.80000	0.02643	106.78	-1.5608E-12	-47.209E-12	944.18E-12
1	Grid	-47.61568	151.70252	106.80000	0.02665	106.78	-1.5894E-12	-47.723E-12	954.45E-12
1	Grid	-45.62050	151.70252	106.80000	0.02686	106.78	-1.6167E-12	-48.221E-12	964.42E-12
1	Grid	-43.62532	151.70252	106.80000	0.02709	106.78	-1.6440E-12	-48.703E-12	974.06E-12
1	Grid	-41.63014	151.70252	106.80000	0.02724	106.78	-1.6700E-12	-49.168E-12	983.36E-12
1	Grid	-39.63496	151.70252	106.80000	0.02741	106.78	-1.6953E-12	-49.615E-12	992.30E-12
1	Grid	-37.63978	151.70252	106.80000	0.02757	106.78	-1.7226E-12	-50.043E-12	1.0009E-9
1	Grid	-35.64460	151.70252	106.80000	0.02770	106.78	-1.7446E-12	-50.450E-12	1.0090E-9
1	Grid	-33.64942	151.70252	106.80000	0.02781	106.78	-1.7679E-12	-50.837E-12	1.0167E-9
1	Grid	-31.65424	151.70252	106.80000	0.02790	106.78	-1.7892E-12	-51.201E-12	1.0240E-9
1	Grid	-29.65906	151.70252	106.80000	0.02797	106.78	-1.8079E-12	-51.543E-12	1.0309E-9
1	Grid	-27.66388	151.70252	106.80000	0.02801	106.78	-1.8252E-12	-51.861E-12	1.0372E-9
1	Grid	-25.66871	151.70252	106.80000	0.02802	106.78	-1.8412E-12	-52.154E-12	1.0431E-9
1	Grid	-23.67353	151.70252	106.80000	0.02799	106.78	-1.8565E-12	-52.427E-12	1.0484E-9
1	Grid	-21.67835	151.70252	106.80000	0.02793	106.78	-1.8725E-12	-52.664E-12	1.0533E-9
1	Grid	-19.68317	151.70252	106.80000	0.02783	106.78	-1.8865E-12	-52.879E-12	1.0576E-9
1	Grid	-17.68799	151.70252	106.80000	0.02768	106.78	-1.8985E-12	-53.067E-12	1.0613E-9
1	Grid	-15.69281	151.70252	106.80000	0.02749	106.78	-1.9091E-12	-53.228E-12	1.0646E-9
1	Grid	-13.69763	151.70252	106.80000	0.02724	106.78	-1.9151E-12	-53.361E-12	1.0672E-9
1	Grid	-11.70245	151.70252	106.80000	0.02694	106.78	-1.9198E-12	-53.465E-12	1.0693E-9
1	Grid	-9.70727	151.70252	106.80000	0.02658	106.78	-1.9298E-12	-53.540E-12	1.0708E-9
1	Grid	-7.71209	151.70252	106.80000	0.02615	106.78	-1.9291E-12	-53.586E-12	1.0717E-9
1	Grid	-5.71691	151.70252	106.80000	0.02564	106.78	-1.9291E-12	-53.604E-12	1.0721E-9
1	Grid	-3.72173	151.70252	106.80000	0.02504	106.78	-1.9263E-12	-53.592E-12	1.0718E-9
1	Grid	-1.72655	151.70252	106.80000	0.02439	106.78	-1.9285E-12	-53.551E-12	1.0710E-9
1	Grid	0.26863	151.70252	106.80000	0.02363	106.78	-1.9231E-12	-53.481E-12	1.0696E-9
1	Grid	2.26381	151.70252	106.80000	0.02277	106.78	-1.9191E-12	-53.383E-12	1.0677E-9
1	Grid	4.25899	151.70252	106.80000	0.02180	106.78	-1.9085E-12	-53.256E-12	1.0651E-9
1	Grid	6.25417	151.70252	106.80000	0.02074	106.78	-1.8991E-12	-53.101E-12	1.0620E-9
1	Grid	8.24935	151.70252	106.80000	0.01951	106.78	-1.8885E-12	-52.918E-12	1.0584E-9
1	Grid	10.24453	151.70252	106.80000	0.01817	106.78	-1.8745E-12	-52.708E-12	1.0542E-9
1	Grid	12.23971	151.70252	106.80000	0.01668	106.78	-1.8632E-12	-52.472E-12	1.0494E-9
1	Grid	14.23489	151.70252	106.80000	0.01504	106.78	-1.8465E-12	-52.209E-12	1.0442E-9
1	Grid	16.23007	151.70252	106.80000	0.01324	106.78	-1.8295E-12	-51.921E-12	1.0384E-9
1	Grid	18.22525	151.70252	106.80000	0.01125	106.78	-1.8106E-12	-51.608E-12	1.0322E-9
1	Grid	20.22043	151.70252	106.80000	0.00909	106.78	-1.7899E-12	-51.272E-12	1.0254E-9
1	Grid	22.21561</							



Highgate Junior School Sports Hall

Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mCD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mCD]	[mm]				
1	Grid	96.06137	151.70252	106.80000	-0.19433	106.78	0.0	-33.046E-6	660.92E-12
1	Grid	88.05655	151.70252	106.80000	-0.19935	106.78	0.0	-32.454E-6	649.08E-12
1	Grid	90.05173	151.70252	106.80000	-0.20337	106.78	0.0	-31.867E-6	637.34E-12
1	Grid	92.04691	151.70252	106.80000	-0.20631	106.78	0.0	-31.285E-6	625.71E-12
1	Grid	94.04209	151.70252	106.80000	-0.20807	106.78	0.0	-30.710E-6	614.20E-12
1	Grid	96.03727	151.70252	106.80000	-0.20862	106.78	0.0	-30.141E-6	602.82E-12
1	Grid	98.03245	151.70252	106.80000	-0.20793	106.78	0.0	-29.579E-6	591.57E-12
1	Grid	100.02763	151.70252	106.80000	-0.20601	106.78	0.0	-29.023E-6	580.46E-12
1	Grid	102.02281	151.70252	106.80000	-0.20291	106.78	0.0	-28.474E-6	569.49E-12
1	Grid	104.01799	151.70252	106.80000	-0.19869	106.78	0.0	-27.933E-6	558.67E-12
1	Grid	106.01317	151.70252	106.80000	-0.19345	106.78	0.0	-27.400E-6	547.99E-12
1	Grid	108.00835	151.70252	106.80000	-0.18728	106.78	0.0	-26.873E-6	537.47E-12
1	Grid	110.00353	151.70252	106.80000	-0.18032	106.78	0.0	-26.355E-6	527.10E-12
1	Grid	111.99871	151.70252	106.80000	-0.17269	106.78	0.0	-25.845E-6	516.89E-12
1	Grid	113.99388	151.70252	106.80000	-0.16453	106.78	0.0	-25.342E-6	506.84E-12
1	Grid	115.98906	151.70252	106.80000	-0.15596	106.78	0.0	-24.846E-6	496.95E-12
1	Grid	117.98424	151.70252	106.80000	-0.14709	106.78	0.0	-24.361E-6	487.22E-12
1	Grid	119.97942	151.70252	106.80000	-0.13806	106.78	0.0	-23.883E-6	477.66E-12
1	Grid	121.97460	151.70252	106.80000	-0.12894	106.78	0.0	-23.413E-6	468.26E-12
1	Grid	123.96978	151.70252	106.80000	-0.11985	106.78	0.0	-22.951E-6	459.02E-12
1	Grid	125.96496	151.70252	106.80000	-0.11072	106.78	0.0	-22.497E-6	449.94E-12
1	Grid	127.96014	151.70252	106.80000	-0.10204	106.78	0.0	-22.052E-6	441.03E-12
1	Grid	129.95532	151.70252	106.80000	-0.09344	106.78	0.0	-21.614E-6	432.29E-12
1	Grid	131.95050	151.70252	106.80000	-0.08512	106.78	0.0	-21.185E-6	423.70E-12
1	Grid	133.94568	151.70252	106.80000	-0.07712	106.78	0.0	-20.764E-6	415.27E-12
1	Grid	135.94086	151.70252	106.80000	-0.06945	106.78	0.0	-20.351E-6	407.10E-12
1	Grid	137.93604	151.70252	106.80000	-0.06215	106.78	0.0	-19.945E-6	398.90E-12
1	Grid	139.93122	151.70252	106.80000	-0.05523	106.78	0.0	-19.548E-6	390.96E-12
1	Grid	141.92640	151.70252	106.80000	-0.04869	106.78	0.0	-19.158E-6	383.17E-12
1	Grid	143.92158	151.70252	106.80000	-0.04255	106.78	0.0	-18.776E-6	375.53E-12
1	Grid	145.91676	151.70252	106.80000	-0.03670	106.78	0.0	-18.402E-6	368.05E-12
1	Grid	147.91194	151.70252	106.80000	-0.03141	106.78	0.0	-18.036E-6	360.71E-12
1	Grid	149.90712	151.70252	106.80000	-0.02641	106.78	0.0	-17.676E-6	353.53E-12
1	Grid	151.90230	151.70252	106.80000	-0.02177	106.78	0.0	-17.325E-6	346.49E-12
1	Grid	153.89748	151.70252	106.80000	-0.01748	106.78	0.0	-16.980E-6	339.60E-12
1	Grid	155.89266	151.70252	106.80000	-0.01352	106.78	0.0	-16.643E-6	332.85E-12
1	Grid	157.88784	151.70252	106.80000	-0.00989	106.78	0.0	-16.312E-6	326.25E-12
1	Grid	159.88302	151.70252	106.80000	-0.00656	106.78	0.0	-15.989E-6	319.78E-12
1	Grid	161.87820	151.70252	106.80000	-0.00351	106.78	0.0	-15.672E-6	313.44E-12
1	Grid	163.87338	151.70252	106.80000	-0.00074	106.78	0.0	-15.362E-6	307.25E-12
1	Grid	165.86856	151.70252	106.80000	0.00200	106.78	0.0	-15.059E-6	301.18E-12
1	Grid	167.86374	151.70252	106.80000	0.00407	106.78	0.0	-14.762E-6	295.24E-12
1	Grid	169.85892	151.70252	106.80000	0.00613	106.78	0.0	-14.472E-6	289.43E-12
1	Grid	171.85410	151.70252	106.80000	0.00799	106.78	0.0	-14.187E-6	283.75E-12
1	Grid	173.84928	151.70252	106.80000	0.00966	106.78	0.0	-13.909E-6	278.19E-12
1	Grid	175.84446	151.70252	106.80000	0.01115	106.78	0.0	-13.637E-6	272.74E-12
1	Grid	177.83964	151.70252	106.80000	0.01247	106.78	0.0	-13.371E-6	267.42E-12
1	Grid	179.83482	151.70252	106.80000	0.01365	106.78	0.0	-13.111E-6	262.21E-12
1	Grid	181.83000	151.70252	106.80000	0.01469	106.78	0.0	-12.856E-6	257.12E-12
1	Grid	183.82518	151.70252	106.80000	0.01560	106.78	0.0	-12.606E-6	252.14E-12
1	Grid	185.82036	151.70252	106.80000	0.01638	106.78	0.0	-12.361E-6	247.27E-12
1	Grid	187.81554	151.70252	106.80000	0.01705	106.78	0.0	-12.121E-6	242.51E-12
1	Grid	189.81072	151.70252	106.80000	0.01761	106.78	0.0	-11.886E-6	237.85E-12
1	Grid	191.80590	151.70252	106.80000	0.01806	106.78	0.0	-11.656E-6	233.29E-12
1	Grid	193.80108	151.70252	106.80000	0.01841	106.78	0.0	-11.430E-6	228.82E-12
1	Grid	195.79626	151.70252	106.80000	0.01866	106.78	0.0	-11.208E-6	224.44E-12
1	Grid	197.79144	151.70252	106.80000	0.01882	106.78	0.0	-10.990E-6	220.15E-12
1	Grid	199.78662	151.70252	106.80000	0.01889	106.78	0.0	-10.776E-6	215.94E-12
1	Grid	201.78180	151.70252	106.80000	0.01887	106.78	0.0	-10.566E-6	211.81E-12
1	Grid	203.77698	151.70252	106.80000	0.01877	106.78	0.0	-10.359E-6	207.75E-12
1	Grid	205.77216	151.70252	106.80000	0.01859	106.78	0.0	-10.155E-6	203.76E-12
1	Grid	207.76734	151.70252	106.80000	0.01833	106.78	0.0	-9.954E-6	199.83E-12
1	Grid	209.76252	151.70252	106.80000	0.01799	106.78	0.0	-9.755E-6	195.96E-12
1	Grid	211.75770	151.70252	106.80000	0.01757	106.78	0.0	-9.558E-6	192.15E-12
1	Grid	213.75288	151.70252	106.80000	0.01707	106.78	0.0	-9.363E-6	188.39E-12
1	Grid	215.74806	151.70252	106.80000	0.01650	106.78	0.0	-9.170E-6	184.68E-12
1	Grid	217.74324	151.70252	106.80000	0.01586	106.78	0.0	-8.978E-6	181.01E-12
1	Grid	219.73842	151.70252	106.80000	0.01516	106.78	0.0	-8.788E-6	177.38E-12
1	Grid	221.73360	151.70252	106.80000	0.01440	106.78	0.0	-8.599E-6	173.79E-12
1	Grid	223.72878	151.70252	106.80000	0.01359	106.78	0.0	-8.412E-6	170.24E-12
1	Grid	225.72396	151.70252	106.80000	0.01273	106.78	0.0	-8.227E-6	166.72E-12
1	Grid	227.71914	151.70252	106.80000	0.01183	106.78	0.0	-8.044E-6	163.23E-12
1	Grid	229.71432	151.70252	106.80000	0.01088	106.78	0.0	-7.862E-6	159.77E-12
1	Grid	231.70950	151.70252	106.80000	0.00989	106.78	0.0	-7.682E-6	156.34E-12
1	Grid	233.70468	151.70252	106.80000	0.00886	106.78	0.0	-7.504E-6	152.93E-12
1	Grid	235.69986	151.70252	106.80000	0.00779	106.78	0.0	-7.328E-6	149.55E-12
1	Grid	237.69504	151.70252	106.80000	0.00668	106.78	0.0	-7.154E-6	146.19E-12
1	Grid	239.69022	151.70252	106.80000	0.00553	106.78	0.0	-6.982E-6	142.85E-12
1	Grid	241.68540	151.70252	106.80000	0.00434	106.78	0.0	-6.812E-6	139.53E-12
1	Grid	243.68058	151.70252	106.80000	0.00311	106.78	0.0	-6.644E-6	136.23E-12
1	Grid	245.67576	151.70252	106.80000	0.00185	106.78	0.0	-6.478E-6	132.95E-12
1	Grid	247.67094	151.70252	106.80000	0.00056	106.78	0.0	-6.314E-6	129.68E-12
1	Grid	249.66612	151.70252	106.80000	-0.00075	106.78	0.0	-6.151E-6	126.42E-12
1	Grid	251.66130	151.70252	106.80000	-0.00191	106.78	0.0	-6.000E-6	123.17E-12
1	Grid	253.65648	151.70252	106.80000	-0.00303	106.78	0.0	-5.850E-6	119.93E-12
1	Grid	255.65166	151.70252	106.80000	-0.00411	106.78	0.0	-5.701E-6	116.70E-12
1	Grid	257.64684	151.70252	106.80000	-0.00515	106.78	0.0	-5.553E-6	113.48E-12
1	Grid	259.64202	151.70252	106.80000	-0.00615	106.78	0.0	-5.406E-6	110.27E-12
1	Grid	261.63720	151.70252	106.80000	-0.00711	106.78	0.0	-5.260E-6	107.07E-12
1	Grid	263.63238	151.70252	106.80000	-0.00803	106.78	0.0	-5.115E-6	103.88E-12
1	Grid	265.62756	151.70252	106.80000	-0.00891	106.78	0.0	-4.971E-6	100.69E-12
1	Grid	267.62274	151.70252	106.80000	-0.00975	106.78	0.0	-4.828E-6	97.51E-12
1	Grid	269.61792	151.70252	106.80000	-0.01055	106.78	0.0	-4.686E-6	94.33E-12
1	Grid	271.61310	151.70252	106.80000	-0.01131	106.78	0.0	-4.545E-6	91.15E-12
1	Grid	273.60828	151.70252	106.80000	-0.01203	106.78	0.0	-4.405E-6	87.97E-12
1	Grid	275.60346	151.70252	106.80000	-0.01271	106.78	0.0	-4.266E-6	84.80E-12
1	Grid	277.59864	151.70252	106.80000	-0.01335	106.78	0.0	-4.128E-6	81.63E-12
1	Grid	279.59382	151.70252	106.80000	-0.01395	106.78	0.0	-3.991E-6	78.46E-12
1	Grid	281.58900	151.70252	106.80000	-0.01451	106.78	0.0	-3.855E-6	75.30E-12
1	Grid	283.58418	151.70252	106.80000	-0.01503	106.78	0.0	-3.720E-6	72.14E-12
1	Grid	285.57936	151.70252	106.80000	-0.01551	106.78	0.0	-3.586E-6	69.00E-12
1	Grid	287.57454	151.70252	106.80000	-0.01595	106.78	0.0	-3.453E-6	65.

Oasys
Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	66.10957	153.57727	106.80000	-0.09970	106.78	-1.0818E-12	-37.873E-6	759.45E-12
1	Grid	68.10475	153.57727	106.80000	-0.10723	106.78	-1.0552E-12	-37.385E-6	747.71E-12
1	Grid	70.09993	153.57727	106.80000	-0.11480	106.78	-1.0272E-12	-36.798E-6	735.95E-12
1	Grid	72.09511	153.57727	106.80000	-0.12233	106.78	0.0	-36.210E-6	724.20E-12
1	Grid	74.09029	153.57727	106.80000	-0.12977	106.78	0.0	-35.623E-6	712.46E-12
1	Grid	76.08547	153.57727	106.80000	-0.13703	106.78	0.0	-35.036E-6	700.75E-12
1	Grid	78.08065	153.57727	106.80000	-0.14402	106.78	0.0	-34.454E-6	689.09E-12
1	Grid	80.07583	153.57727	106.80000	-0.15066	106.78	0.0	-33.873E-6	677.47E-12
1	Grid	82.07101	153.57727	106.80000	-0.15684	106.78	0.0	-33.296E-6	665.91E-12
1	Grid	84.06619	153.57727	106.80000	-0.16245	106.78	0.0	-32.721E-6	654.42E-12
1	Grid	86.06137	153.57727	106.80000	-0.16741	106.78	0.0	-32.151E-6	643.02E-12
1	Grid	88.05655	153.57727	106.80000	-0.17162	106.78	0.0	-31.585E-6	631.70E-12
1	Grid	90.05173	153.57727	106.80000	-0.17497	106.78	0.0	-31.024E-6	620.47E-12
1	Grid	92.04691	153.57727	106.80000	-0.17742	106.78	0.0	-30.467E-6	609.35E-12
1	Grid	94.04209	153.57727	106.80000	-0.17888	106.78	0.0	-29.917E-6	598.34E-12
1	Grid	96.03727	153.57727	106.80000	-0.17933	106.78	0.0	-29.372E-6	587.44E-12
1	Grid	98.03245	153.57727	106.80000	-0.17875	106.78	0.0	-28.833E-6	576.66E-12
1	Grid	100.02763	153.57727	106.80000	-0.17715	106.78	0.0	-28.300E-6	566.01E-12
1	Grid	102.02281	153.57727	106.80000	-0.17455	106.78	0.0	-27.774E-6	555.49E-12
1	Grid	104.01799	153.57727	106.80000	-0.17102	106.78	0.0	-27.255E-6	545.10E-12
1	Grid	106.01317	153.57727	106.80000	-0.16649	106.78	0.0	-26.743E-6	534.85E-12
1	Grid	108.00835	153.57727	106.80000	-0.16145	106.78	0.0	-26.237E-6	524.75E-12
1	Grid	110.00353	153.57727	106.80000	-0.15558	106.78	0.0	-25.739E-6	514.78E-12
1	Grid	111.99871	153.57727	106.80000	-0.14914	106.78	0.0	-25.248E-6	504.96E-12
1	Grid	113.99388	153.57727	106.80000	-0.14222	106.78	0.0	-24.765E-6	495.29E-12
1	Grid	115.98906	153.57727	106.80000	-0.13495	106.78	0.0	-24.289E-6	485.78E-12
1	Grid	117.98424	153.57727	106.80000	-0.12736	106.78	0.0	-23.820E-6	476.41E-12
1	Grid	119.97942	153.57727	106.80000	-0.11962	106.78	0.0	-23.360E-6	467.19E-12
1	Grid	121.97460	153.57727	106.80000	-0.11180	106.78	0.0	-22.906E-6	458.13E-12
1	Grid	123.96978	153.57727	106.80000	-0.10396	106.78	0.0	-22.461E-6	449.22E-12
1	Grid	125.96496	153.57727	106.80000	-0.09622	106.78	0.0	-22.023E-6	440.46E-12
1	Grid	127.96014	153.57727	106.80000	-0.08852	106.78	0.0	-21.593E-6	431.86E-12
1	Grid	129.95532	153.57727	106.80000	-0.08104	106.78	0.0	-21.171E-6	423.41E-12
1	Grid	131.95050	153.57727	106.80000	-0.07378	106.78	0.0	-20.756E-6	415.11E-12
1	Grid	133.94568	153.57727	106.80000	-0.06676	106.78	0.0	-20.349E-6	406.97E-12
1	Grid	135.94086	153.57727	106.80000	-0.06003	106.78	0.0	-19.949E-6	398.98E-12
1	Grid	137.93604	153.57727	106.80000	-0.05360	106.78	0.0	-19.557E-6	391.14E-12
1	Grid	139.93122	153.57727	106.80000	-0.04749	106.78	0.0	-19.172E-6	383.44E-12
1	Grid	141.92640	153.57727	106.80000	-0.04170	106.78	0.0	-18.795E-6	375.90E-12
1	Grid	143.92158	153.57727	106.80000	-0.03625	106.78	0.0	-18.425E-6	368.50E-12
1	Grid	145.91676	153.57727	106.80000	-0.03112	106.78	0.0	-18.062E-6	361.25E-12
1	Grid	147.91194	153.57727	106.80000	-0.02633	106.78	0.0	-17.707E-6	354.14E-12
1	Grid	149.90712	153.57727	106.80000	-0.02186	106.78	0.0	-17.358E-6	347.17E-12
1	Grid	151.90230	153.57727	106.80000	-0.01771	106.78	0.0	-17.017E-6	340.34E-12
1	Grid	153.89748	153.57727	106.80000	-0.01386	106.78	0.0	-16.682E-6	333.65E-12
1	Grid	155.89266	153.57727	106.80000	-0.01022	106.78	0.0	-16.352E-6	327.10E-12
1	Grid	157.88784	153.57727	106.80000	-0.00703	106.78	0.0	-16.034E-6	320.69E-12
1	Grid	159.88302	153.57727	106.80000	-0.00403	106.78	0.0	-15.719E-6	314.39E-12
1	Grid	161.87820	153.57727	106.80000	-0.00128	106.78	0.0	-15.412E-6	308.23E-12
1	Grid	163.87338	153.57727	106.80000	-0.00123	106.78	0.0	-15.110E-6	302.20E-12
1	Grid	165.86856	153.57727	106.80000	-0.00051	106.78	0.0	-14.815E-6	296.30E-12
1	Grid	167.86374	153.57727	106.80000	-0.00558	106.78	0.0	-14.526E-6	290.52E-12
1	Grid	169.85892	153.57727	106.80000	-0.00745	106.78	0.0	-14.243E-6	284.87E-12
1	Grid	171.85410	153.57727	106.80000	-0.00914	106.78	0.0	-13.966E-6	279.33E-12
1	Grid	173.84928	153.57727	106.80000	-0.01065	106.78	0.0	-13.695E-6	273.91E-12
1	Grid	175.84446	153.57727	106.80000	-0.01200	106.78	0.0	-13.430E-6	268.61E-12
1	Grid	177.83964	153.57727	106.80000	-0.01321	106.78	0.0	-13.171E-6	263.41E-12
1	Grid	179.83482	153.57727	106.80000	-0.01428	106.78	0.0	-12.917E-6	258.33E-12
1	Grid	181.83000	153.57727	106.80000	-0.01522	106.78	0.0	-12.668E-6	253.36E-12
1	Grid	-95.50000	155.45201	106.80000	-0.01966	106.78	0.0	-31.693E-6	633.86E-12
1	Grid	-93.50518	155.45201	106.80000	-0.01993	106.78	0.0	-32.241E-6	644.83E-12
1	Grid	-91.50964	155.45201	106.80000	-0.02021	106.78	0.0	-32.793E-6	655.86E-12
1	Grid	-89.51446	155.45201	106.80000	-0.02049	106.78	0.0	-33.348E-6	666.95E-12
1	Grid	-87.51928	155.45201	106.80000	-0.02077	106.78	0.0	-33.904E-6	678.08E-12
1	Grid	-85.52410	155.45201	106.80000	-0.02105	106.78	0.0	-34.462E-6	689.25E-12
1	Grid	-83.52892	155.45201	106.80000	-0.02133	106.78	0.0	-35.022E-6	700.44E-12
1	Grid	-81.53374	155.45201	106.80000	-0.02161	106.78	0.0	-35.582E-6	711.64E-12
1	Grid	-79.53856	155.45201	106.80000	-0.02190	106.78	0.0	-36.142E-6	722.85E-12
1	Grid	-77.54338	155.45201	106.80000	-0.02218	106.78	-1.0232E-12	-36.702E-6	734.04E-12
1	Grid	-75.54820	155.45201	106.80000	-0.02246	106.78	-1.0492E-12	-37.260E-6	745.20E-12
1	Grid	-73.55302	155.45201	106.80000	-0.02274	106.78	-1.0791E-12	-37.816E-6	756.32E-12
1	Grid	-71.55784	155.45201	106.80000	-0.02302	106.78	-1.1031E-12	-38.370E-6	767.39E-12
1	Grid	-69.56266	155.45201	106.80000	-0.02330	106.78	-1.1278E-12	-38.920E-6	778.40E-12
1	Grid	-67.56748	155.45201	106.80000	-0.02358	106.78	-1.1551E-12	-39.466E-6	789.31E-12
1	Grid	-65.57230	155.45201	106.80000	-0.02385	106.78	-1.1824E-12	-40.007E-6	800.13E-12
1	Grid	-63.57712	155.45201	106.80000	-0.02412	106.78	-1.2084E-12	-40.542E-6	810.89E-12
1	Grid	-61.58194	155.45201	106.80000	-0.02439	106.78	-1.2337E-12	-41.070E-6	821.40E-12
1	Grid	-59.58676	155.45201	106.80000	-0.02466	106.78	-1.2623E-12	-41.591E-6	831.82E-12
1	Grid	-57.59158	155.45201	106.80000	-0.02492	106.78	-1.2876E-12	-42.103E-6	842.07E-12
1	Grid	-55.59640	155.45201	106.80000	-0.02517	106.78	-1.3156E-12	-42.607E-6	852.13E-12
1	Grid	-53.60122	155.45201	106.80000	-0.02542	106.78	-1.3409E-12	-43.100E-6	861.99E-12
1	Grid	-51.60604	155.45201	106.80000	-0.02567	106.78	-1.3656E-12	-43.582E-6	871.64E-12
1	Grid	-49.61086	155.45201	106.80000	-0.02590	106.78	-1.3909E-12	-44.052E-6	881.04E-12
1	Grid	-47.61568	155.45201	106.80000	-0.02613	106.78	-1.4155E-12	-44.509E-6	890.18E-12
1	Grid	-45.62050	155.45201	106.80000	-0.02634	106.78	-1.4375E-12	-44.953E-6	899.05E-12
1	Grid	-43.62532	155.45201	106.80000	-0.02659	106.78	-1.4615E-12	-45.385E-6	907.68E-12
1	Grid	-41.63014	155.45201	106.80000	-0.02674	106.78	-1.4828E-12	-45.795E-6	915.89E-12
1	Grid	-39.63496	155.45201	106.80000	-0.02693	106.78	-1.5055E-12	-46.192E-6	923.83E-12
1	Grid	-37.63978	155.45201	106.80000	-0.02709	106.78	-1.5261E-12	-46.571E-6	931.42E-12
1	Grid	-35.64460	155.45201	106.80000	-0.02724	106.78	-1.5468E-12	-46.933E-6	938.65E-12
1	Grid	-33.64942	155.45201	106.80000	-0.02737	106.78	-1.5627E-12	-47.275E-6	945.50E-12
1	Grid	-31.65424	155.45201	106.80000	-0.02749	106.78	-1.5841E-12	-47.598E-6	951.96E-12
1	Grid	-29.65906	155.45201	106.80000	-0.02758	106.78	-1.5981E-12	-47.900E-6	958.01E-12
1	Grid	-27.66388	155.45201	106.80000	-0.02764	106.78	-1.6160E-12	-48.182E-6	963.63E-12
1	Grid	-25.66871	155.45201	106.80000	-0.02768	106.78	-1.6294E-12	-48.441E-6	968.82E-12
1	Grid	-23.67353	155.45201	106.80000	-0.02769	106.78	-1.6427E-12	-48.679E-6	973.56E-12
1	Grid	-21.67835	155.45201	106.80000	-0.02767	106.78	-1.6560E-12	-48.892E-6	977.83E-12
1	Grid	-19.68317	155.45201	106.80000	-0.02761	106.78	-1.6660E-12	-49.082E-6	981.64E-12
1	Grid	-17.68799	155.45201	106.80000	-0.02752	106.78	-1.6753E-12	-49.248E-6	984.96E-12
1	Grid	-15.69281	155.45201	106.80000	-0.02739	106.78	-1.6833E-12	-49.390E-6	987.80E-12



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
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Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	46.15777	155.45201	106.80000	-0.02853	106.78	-1.2943E-12	-62.214E-6	844.28E-12
1	Grid	48.15295	155.45201	106.80000	-0.03329	106.78	-1.2663E-12	-41.704E-6	834.09E-12
1	Grid	50.14813	155.45201	106.80000	-0.03829	106.78	-1.2397E-12	-41.186E-6	823.72E-12
1	Grid	52.14331	155.45201	106.80000	-0.04353	106.78	-1.2130E-12	-40.660E-6	813.20E-12
1	Grid	54.13849	155.45201	106.80000	-0.04900	106.78	-1.1877E-12	-40.127E-6	802.54E-12
1	Grid	56.13467	155.45201	106.80000	-0.05470	106.78	-1.1584E-12	-39.588E-6	791.77E-12
1	Grid	58.12885	155.45201	106.80000	-0.06060	106.78	-1.1324E-12	-39.044E-6	780.89E-12
1	Grid	60.12403	155.45201	106.80000	-0.06669	106.78	-1.1078E-12	-38.496E-6	769.92E-12
1	Grid	62.11921	155.45201	106.80000	-0.07295	106.78	-1.0818E-12	-37.944E-6	758.88E-12
1	Grid	64.11439	155.45201	106.80000	-0.07934	106.78	-1.0558E-12	-37.389E-6	747.79E-12
1	Grid	66.10957	155.45201	106.80000	-0.08589	106.78	-1.0265E-12	-36.833E-6	736.65E-12
1	Grid	68.10475	155.45201	106.80000	-0.09237	106.78	-1.0012E-12	-36.274E-6	725.48E-12
1	Grid	70.09993	155.45201	106.80000	-0.09893	106.78	0.0	-35.715E-6	714.30E-12
1	Grid	72.09511	155.45201	106.80000	-0.10544	106.78	0.0	-35.156E-6	703.12E-12
1	Grid	74.09029	155.45201	106.80000	-0.11184	106.78	0.0	-34.597E-6	691.94E-12
1	Grid	76.08547	155.45201	106.80000	-0.11807	106.78	0.0	-34.039E-6	680.79E-12
1	Grid	78.08065	155.45201	106.80000	-0.12405	106.78	0.0	-33.483E-6	669.66E-12
1	Grid	80.07583	155.45201	106.80000	-0.12971	106.78	0.0	-32.929E-6	658.58E-12
1	Grid	82.07101	155.45201	106.80000	-0.13495	106.78	0.0	-32.378E-6	647.56E-12
1	Grid	84.06619	155.45201	106.80000	-0.13971	106.78	0.0	-31.829E-6	636.59E-12
1	Grid	86.06137	155.45201	106.80000	-0.14489	106.78	0.0	-31.285E-6	625.69E-12
1	Grid	88.05655	155.45201	106.80000	-0.14743	106.78	0.0	-30.744E-6	614.87E-12
1	Grid	90.05173	155.45201	106.80000	-0.15025	106.78	0.0	-30.207E-6	604.14E-12
1	Grid	92.04691	155.45201	106.80000	-0.15230	106.78	0.0	-29.675E-6	593.50E-12
1	Grid	94.04209	155.45201	106.80000	-0.15352	106.78	0.0	-29.148E-6	582.96E-12
1	Grid	96.03727	155.45201	106.80000	-0.15390	106.78	0.0	-28.626E-6	572.52E-12
1	Grid	98.03245	155.45201	106.80000	-0.15341	106.78	0.0	-28.110E-6	562.19E-12
1	Grid	100.02763	155.45201	106.80000	-0.15206	106.78	0.0	-27.599E-6	551.98E-12
1	Grid	102.02281	155.45201	106.80000	-0.14989	106.78	0.0	-27.094E-6	541.89E-12
1	Grid	104.01799	155.45201	106.80000	-0.14692	106.78	0.0	-26.596E-6	531.92E-12
1	Grid	106.01317	155.45201	106.80000	-0.14322	106.78	0.0	-26.104E-6	522.08E-12
1	Grid	108.00835	155.45201	106.80000	-0.13886	106.78	0.0	-25.618E-6	512.37E-12
1	Grid	110.00353	155.45201	106.80000	-0.13391	106.78	0.0	-25.139E-6	502.79E-12
1	Grid	111.99871	155.45201	106.80000	-0.12845	106.78	0.0	-24.667E-6	493.35E-12
1	Grid	113.99389	155.45201	106.80000	-0.12257	106.78	0.0	-24.202E-6	484.04E-12
1	Grid	115.98907	155.45201	106.80000	-0.11615	106.78	0.0	-23.744E-6	474.84E-12
1	Grid	117.98424	155.45201	106.80000	-0.10989	106.78	0.0	-23.293E-6	465.86E-12
1	Grid	119.97942	155.45201	106.80000	-0.10326	106.78	0.0	-22.849E-6	456.98E-12
1	Grid	121.97460	155.45201	106.80000	-0.09653	106.78	0.0	-22.412E-6	448.24E-12
1	Grid	123.96978	155.45201	106.80000	-0.08976	106.78	0.0	-21.982E-6	439.65E-12
1	Grid	125.96496	155.45201	106.80000	-0.08303	106.78	0.0	-21.560E-6	431.20E-12
1	Grid	127.96014	155.45201	106.80000	-0.07639	106.78	0.0	-21.145E-6	422.89E-12
1	Grid	129.95532	155.45201	106.80000	-0.06987	106.78	0.0	-20.737E-6	414.73E-12
1	Grid	131.95050	155.45201	106.80000	-0.06353	106.78	0.0	-20.336E-6	406.71E-12
1	Grid	133.94568	155.45201	106.80000	-0.05739	106.78	0.0	-19.942E-6	398.84E-12
1	Grid	135.94086	155.45201	106.80000	-0.05145	106.78	0.0	-19.554E-6	391.12E-12
1	Grid	137.93604	155.45201	106.80000	-0.04582	106.78	0.0	-19.176E-6	383.52E-12
1	Grid	139.93122	155.45201	106.80000	-0.04043	106.78	0.0	-18.804E-6	376.08E-12
1	Grid	141.92640	155.45201	106.80000	-0.03531	106.78	0.0	-18.439E-6	368.77E-12
1	Grid	143.92158	155.45201	106.80000	-0.03048	106.78	0.0	-18.080E-6	361.60E-12
1	Grid	145.91676	155.45201	106.80000	-0.02590	106.78	0.0	-17.728E-6	354.57E-12
1	Grid	147.91194	155.45201	106.80000	-0.02166	106.78	0.0	-17.384E-6	347.68E-12
1	Grid	149.90712	155.45201	106.80000	-0.01767	106.78	0.0	-17.046E-6	340.92E-12
1	Grid	151.90230	155.45201	106.80000	-0.01396	106.78	0.0	-16.715E-6	334.29E-12
1	Grid	153.89748	155.45201	106.80000	-0.01051	106.78	0.0	-16.390E-6	327.80E-12
1	Grid	155.89266	155.45201	106.80000	-0.00732	106.78	0.0	-16.072E-6	321.43E-12
1	Grid	157.88784	155.45201	106.80000	-0.00438	106.78	0.0	-15.760E-6	315.20E-12
1	Grid	159.88302	155.45201	106.80000	-0.00168	106.78	0.0	-15.454E-6	309.09E-12
1	Grid	161.87820	155.45201	106.80000	0.00080	106.78	0.0	-15.155E-6	303.10E-12
1	Grid	163.87338	155.45201	106.80000	0.00306	106.78	0.0	-14.862E-6	297.24E-12
1	Grid	165.86856	155.45201	106.80000	0.00519	106.78	0.0	-14.575E-6	291.50E-12
1	Grid	167.86374	155.45201	106.80000	0.00699	106.78	0.0	-14.294E-6	285.87E-12
1	Grid	169.85892	155.45201	106.80000	0.00869	106.78	0.0	-14.018E-6	280.36E-12
1	Grid	171.85410	155.45201	106.80000	0.01021	106.78	0.0	-13.749E-6	274.97E-12
1	Grid	173.84928	155.45201	106.80000	0.01158	106.78	0.0	-13.485E-6	269.69E-12
1	Grid	175.84446	155.45201	106.80000	0.01281	106.78	0.0	-13.226E-6	264.52E-12
1	Grid	177.83964	155.45201	106.80000	0.01390	106.78	0.0	-12.973E-6	259.46E-12
1	Grid	179.83482	155.45201	106.80000	0.01486	106.78	0.0	-12.725E-6	254.51E-12
1	Grid	181.83000	155.45201	106.80000	0.01571	106.78	0.0	-12.483E-6	249.66E-12
1	Grid	-95.50000	157.32676	106.80000	0.01943	106.78	0.0	-30.836E-6	616.73E-12
1	Grid	-93.50518	157.32676	106.80000	0.02180	106.78	0.0	-31.360E-6	627.20E-12
1	Grid	-91.50964	157.32676	106.80000	0.01998	106.78	0.0	-31.887E-6	637.74E-12
1	Grid	-89.51446	157.32676	106.80000	0.02025	106.78	0.0	-32.416E-6	648.31E-12
1	Grid	-87.51928	157.32676	106.80000	0.02053	106.78	0.0	-32.947E-6	658.93E-12
1	Grid	-85.52410	157.32676	106.80000	0.02081	106.78	0.0	-33.479E-6	669.57E-12
1	Grid	-83.52892	157.32676	106.80000	0.02109	106.78	0.0	-34.012E-6	680.23E-12
1	Grid	-81.53374	157.32676	106.80000	0.02137	106.78	0.0	-34.545E-6	690.90E-12
1	Grid	-79.53856	157.32676	106.80000	0.02165	106.78	0.0	-35.078E-6	701.56E-12
1	Grid	-77.54338	157.32676	106.80000	0.02192	106.78	0.0	-35.610E-6	712.20E-12
1	Grid	-75.54820	157.32676	106.80000	0.02220	106.78	0.0	-36.141E-6	722.82E-12
1	Grid	-73.55302	157.32676	106.80000	0.02248	106.78	-1.0212E-12	-36.673E-6	733.39E-12
1	Grid	-71.55784	157.32676	106.80000	0.02276	106.78	-1.0458E-12	-37.195E-6	743.90E-12
1	Grid	-69.56266	157.32676	106.80000	0.02304	106.78	-1.0718E-12	-37.717E-6	754.34E-12
1	Grid	-67.56748	157.32676	106.80000	0.02331	106.78	-1.0958E-12	-38.235E-6	764.70E-12
1	Grid	-65.57230	157.32676	106.80000	0.02358	106.78	-1.1218E-12	-38.748E-6	774.96E-12
1	Grid	-63.57712	157.32676	106.80000	0.02386	106.78	-1.1464E-12	-39.259E-6	785.11E-12
1	Grid	-61.58194	157.32676	106.80000	0.02412	106.78	-1.1704E-12	-39.756E-6	795.11E-12
1	Grid	-59.58676	157.32676	106.80000	0.02439	106.78	-1.1930E-12	-40.249E-6	804.98E-12
1	Grid	-57.59158	157.32676	106.80000	0.02465	106.78	-1.2197E-12	-40.734E-6	814.68E-12
1	Grid	-55.59640	157.32676	106.80000	0.02490	106.78	-1.2417E-12	-41.210E-6	824.21E-12
1	Grid	-53.60122	157.32676	106.80000	0.02515	106.78	-1.2663E-12	-41.677E-6	833.53E-12
1	Grid	-51.60604	157.32676	106.80000	0.02539	106.78	-1.2916E-12	-42.132E-6	842.65E-12
1	Grid	-49.61086	157.32676	106.80000	0.02563	106.78	-1.3143E-12	-42.577E-6	851.53E-12
1	Grid	-47.61568	157.32676	106.80000	0.02586	106.78	-1.3363E-12	-43.008E-6	860.17E-12
1	Grid	-45.62050	157.32676	106.80000	0.02608	106.78	-1.3569E-12	-43.427E-6	868.55E-12
1	Grid	-43.62532	157.32676	106.80000	0.02629	106.78	-1.3776E-12	-43.832E-6	876.64E-12
1	Grid	-41.63014	157.32676	106.80000	0.02648	106.78	-1.3975E-12	-44.222E-6	884.44E-12
1	Grid	-39.63496	157.32676	106.80000	0.02667	106.78	-1.4189E-12	-44.596E-6	891.93E-12
1	Grid	-37.63978	157.32676	106.80000	0.02684	106.78	-1.4395E-12	-44.954E-6	899.09E-12
1	Grid	-35.64460	157.32676	106.80000	0.02700	106.78	-1.4568E-12	-45.295E-6	

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.		Sheet No.		Rev.	
						3244					
						Drg. Ref.					
Made by AC						Date		Checked			
Ref.	Name	x	y	z	δz	Stress: Calc. Level [mod]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]		
		[m]	[m]	[mod]	[mm]						
1	Grid	26.20597	157.32676	106.80000	0.00809	106.78	-1.4395E-12	-45.027E-6	900.54E-12		
1	Grid	28.20115	157.32676	106.80000	0.00585	106.78	-1.4202E-12	-44.673E-6	893.46E-12		
1	Grid	30.19633	157.32676	106.80000	0.00344	106.78	-1.4029E-12	-44.302E-6	886.05E-12		
1	Grid	32.19151	157.32676	106.80000	0.00084	106.78	-1.3809E-12	-43.916E-6	878.32E-12		
1	Grid	34.18669	157.32676	106.80000	-0.00194	106.78	-1.3609E-12	-43.515E-6	870.30E-12		
1	Grid	36.18187	157.32676	106.80000	-0.00492	106.78	-1.3383E-12	-43.099E-6	861.99E-12		
1	Grid	38.17705	157.32676	106.80000	-0.00810	106.78	-1.3136E-12	-42.671E-6	853.41E-12		
1	Grid	40.17223	157.32676	106.80000	-0.01149	106.78	-1.2923E-12	-42.230E-6	844.59E-12		
1	Grid	42.16741	157.32676	106.80000	-0.01509	106.78	-1.2710E-12	-41.777E-6	835.54E-12		
1	Grid	44.16259	157.32676	106.80000	-0.01890	106.78	-1.2443E-12	-41.313E-6	826.27E-12		
1	Grid	46.15777	157.32676	106.80000	-0.02292	106.78	-1.2244E-12	-40.840E-6	816.80E-12		
1	Grid	48.15295	157.32676	106.80000	-0.02716	106.78	-1.1970E-12	-40.357E-6	807.15E-12		
1	Grid	50.14813	157.32676	106.80000	-0.03160	106.78	-1.1724E-12	-39.867E-6	797.33E-12		
1	Grid	52.14331	157.32676	106.80000	-0.03625	106.78	-1.1477E-12	-39.368E-6	787.36E-12		
1	Grid	54.13849	157.32676	106.80000	-0.04110	106.78	-1.1271E-12	-38.863E-6	777.26E-12		
1	Grid	56.13367	157.32676	106.80000	-0.04613	106.78	-1.1005E-12	-38.352E-6	767.04E-12		
1	Grid	58.12885	157.32676	106.80000	-0.05133	106.78	-1.0751E-12	-37.836E-6	756.72E-12		
1	Grid	60.12403	157.32676	106.80000	-0.05669	106.78	-1.0512E-12	-37.316E-6	746.32E-12		
1	Grid	62.11921	157.32676	106.80000	-0.06217	106.78	-1.0265E-12	-36.792E-6	735.83E-12		
1	Grid	64.11439	157.32676	106.80000	-0.06776	106.78	-1.0019E-12	-36.265E-6	725.29E-12		
1	Grid	66.10957	157.32676	106.80000	-0.07342	106.78	0.0	-35.735E-6	714.70E-12		
1	Grid	68.10475	157.32676	106.80000	-0.07912	106.78	0.0	-35.204E-6	704.08E-12		
1	Grid	70.09993	157.32676	106.80000	-0.08480	106.78	0.0	-34.672E-6	693.44E-12		
1	Grid	72.09511	157.32676	106.80000	-0.09043	106.78	0.0	-34.140E-6	682.80E-12		
1	Grid	74.09029	157.32676	106.80000	-0.09595	106.78	0.0	-33.608E-6	672.15E-12		
1	Grid	76.08547	157.32676	106.80000	-0.10131	106.78	0.0	-33.076E-6	661.52E-12		
1	Grid	78.08065	157.32676	106.80000	-0.10643	106.78	0.0	-32.546E-6	650.92E-12		
1	Grid	80.07583	157.32676	106.80000	-0.11126	106.78	0.0	-32.017E-6	640.35E-12		
1	Grid	82.07101	157.32676	106.80000	-0.11573	106.78	0.0	-31.491E-6	629.82E-12		
1	Grid	84.06619	157.32676	106.80000	-0.11977	106.78	0.0	-30.967E-6	619.35E-12		
1	Grid	86.06137	157.32676	106.80000	-0.12332	106.78	0.0	-30.447E-6	608.93E-12		
1	Grid	88.05655	157.32676	106.80000	-0.12631	106.78	0.0	-29.930E-6	598.59E-12		
1	Grid	90.05173	157.32676	106.80000	-0.12869	106.78	0.0	-29.416E-6	588.32E-12		
1	Grid	92.04691	157.32676	106.80000	-0.13041	106.78	0.0	-28.907E-6	578.14E-12		
1	Grid	94.04209	157.32676	106.80000	-0.13144	106.78	0.0	-28.402E-6	568.05E-12		
1	Grid	96.03727	157.32676	106.80000	-0.13176	106.78	0.0	-27.902E-6	558.05E-12		
1	Grid	98.03245	157.32676	106.80000	-0.13135	106.78	0.0	-27.407E-6	548.15E-12		
1	Grid	100.02763	157.32676	106.80000	-0.13022	106.78	0.0	-26.918E-6	538.36E-12		
1	Grid	102.02281	157.32676	106.80000	-0.12839	106.78	0.0	-26.434E-6	528.67E-12		
1	Grid	104.01799	157.32676	106.80000	-0.12589	106.78	0.0	-25.955E-6	519.10E-12		
1	Grid	106.01317	157.32676	106.80000	-0.12277	106.78	0.0	-25.483E-6	509.65E-12		
1	Grid	108.00835	157.32676	106.80000	-0.11908	106.78	0.0	-25.016E-6	500.32E-12		
1	Grid	110.00353	157.32676	106.80000	-0.11489	106.78	0.0	-24.556E-6	491.11E-12		
1	Grid	111.99871	157.32676	106.80000	-0.11026	106.78	0.0	-24.102E-6	482.03E-12		
1	Grid	113.99388	157.32676	106.80000	-0.10525	106.78	0.0	-23.654E-6	473.08E-12		
1	Grid	115.98906	157.32676	106.80000	-0.09995	106.78	0.0	-23.213E-6	464.26E-12		
1	Grid	117.98424	157.32676	106.80000	-0.09442	106.78	0.0	-22.778E-6	455.57E-12		
1	Grid	119.97942	157.32676	106.80000	-0.08872	106.78	0.0	-22.350E-6	447.01E-12		
1	Grid	121.97460	157.32676	106.80000	-0.08293	106.78	0.0	-21.929E-6	438.58E-12		
1	Grid	123.96978	157.32676	106.80000	-0.07709	106.78	0.0	-21.515E-6	430.30E-12		
1	Grid	125.96496	157.32676	106.80000	-0.07127	106.78	0.0	-21.107E-6	422.14E-12		
1	Grid	127.96014	157.32676	106.80000	-0.06550	106.78	0.0	-20.706E-6	414.12E-12		
1	Grid	129.95532	157.32676	106.80000	-0.05983	106.78	0.0	-20.312E-6	406.24E-12		
1	Grid	131.95050	157.32676	106.80000	-0.05429	106.78	0.0	-19.925E-6	398.50E-12		
1	Grid	133.94568	157.32676	106.80000	-0.04892	106.78	0.0	-19.544E-6	390.88E-12		
1	Grid	135.94086	157.32676	106.80000	-0.04374	106.78	0.0	-19.170E-6	383.41E-12		
1	Grid	137.93604	157.32676	106.80000	-0.03876	106.78	0.0	-18.803E-6	376.07E-12		
1	Grid	139.93122	157.32676	106.80000	-0.03401	106.78	0.0	-18.443E-6	368.86E-12		
1	Grid	141.92640	157.32676	106.80000	-0.02948	106.78	0.0	-18.089E-6	361.78E-12		
1	Grid	143.92158	157.32676	106.80000	-0.02520	106.78	0.0	-17.742E-6	354.84E-12		
1	Grid	145.91676	157.32676	106.80000	-0.02116	106.78	0.0	-17.401E-6	348.02E-12		
1	Grid	147.91194	157.32676	106.80000	-0.01737	106.78	0.0	-17.067E-6	341.34E-12		
1	Grid	149.90712	157.32676	106.80000	-0.01382	106.78	0.0	-16.739E-6	334.78E-12		
1	Grid	151.90230	157.32676	106.80000	-0.01050	106.78	0.0	-16.418E-6	328.35E-12		
1	Grid	153.89748	157.32676	106.80000	-0.00742	106.78	0.0	-16.102E-6	322.05E-12		
1	Grid	155.89266	157.32676	106.80000	-0.00456	106.78	0.0	-15.793E-6	315.87E-12		
1	Grid	157.88784	157.32676	106.80000	-0.00193	106.78	0.0	-15.490E-6	309.81E-12		
1	Grid	159.88302	157.32676	106.80000	0.00050	106.78	0.0	-15.194E-6	303.87E-12		
1	Grid	161.87820	157.32676	106.80000	0.00273	106.78	0.0	-14.903E-6	298.05E-12		
1	Grid	163.87338	157.32676	106.80000	0.00476	106.78	0.0	-14.617E-6	292.35E-12		
1	Grid	165.86856	157.32676	106.80000	0.00662	106.78	0.0	-14.338E-6	286.76E-12		
1	Grid	167.86374	157.32676	106.80000	0.00831	106.78	0.0	-14.064E-6	281.29E-12		
1	Grid	169.85892	157.32676	106.80000	0.00983						

Oasys										Job No.	Sheet No.	Rev.
Highgate Junior School Sports Hall										3244		
Unloading and Loading Long Term										Drg. Ref.		
										Made by	Date	Checked
										AC		
Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]			
1	Grid	6.25417	159.20151	106.80000	0.02293	106.78	-1.4841E-12	-45.815E-6	916.29E-12			
1	Grid	8.24935	159.20151	106.80000	0.02212	106.78	-1.4762E-12	-45.672E-6	913.44E-12			
1	Grid	10.24453	159.20151	106.80000	0.02122	106.78	-1.4682E-12	-45.508E-6	910.15E-12			
1	Grid	12.23971	159.20151	106.80000	0.02022	106.78	-1.4568E-12	-45.322E-6	906.45E-12			
1	Grid	14.23489	159.20151	106.80000	0.01912	106.78	-1.4435E-12	-45.117E-6	902.33E-12			
1	Grid	16.23007	159.20151	106.80000	0.01791	106.78	-1.4335E-12	-44.891E-6	897.82E-12			
1	Grid	18.22525	159.20151	106.80000	0.01658	106.78	-1.4175E-12	-44.645E-6	892.91E-12			
1	Grid	20.22043	159.20151	106.80000	0.01513	106.78	-1.4069E-12	-44.381E-6	887.62E-12			
1	Grid	22.21561	159.20151	106.80000	0.01354	106.78	-1.3902E-12	-44.098E-6	881.97E-12			
1	Grid	24.21079	159.20151	106.80000	0.01182	106.78	-1.3742E-12	-43.798E-6	875.96E-12			
1	Grid	26.20597	159.20151	106.80000	0.00995	106.78	-1.3569E-12	-43.480E-6	869.60E-12			
1	Grid	28.20115	159.20151	106.80000	0.00794	106.78	-1.3403E-12	-43.146E-6	862.92E-12			
1	Grid	30.19633	159.20151	106.80000	0.00577	106.78	-1.3209E-12	-42.796E-6	855.93E-12			
1	Grid	32.19151	159.20151	106.80000	0.00343	106.78	-1.3063E-12	-42.432E-6	848.63E-12			
1	Grid	34.18669	159.20151	106.80000	0.00093	106.78	-1.2836E-12	-42.053E-6	841.05E-12			
1	Grid	36.18187	159.20151	106.80000	-0.00174	106.78	-1.2630E-12	-41.660E-6	833.21E-12			
1	Grid	38.17705	159.20151	106.80000	-0.00460	106.78	-1.2437E-12	-41.255E-6	825.10E-12			
1	Grid	40.17223	159.20151	106.80000	-0.00763	106.78	-1.2244E-12	-40.838E-6	816.76E-12			
1	Grid	42.16741	159.20151	106.80000	-0.01082	106.78	-1.1990E-12	-40.410E-6	808.20E-12			
1	Grid	44.16259	159.20151	106.80000	-0.01425	106.78	-1.1784E-12	-39.971E-6	799.43E-12			
1	Grid	46.15777	159.20151	106.80000	-0.01783	106.78	-1.1557E-12	-39.523E-6	790.46E-12			
1	Grid	48.15295	159.20151	106.80000	-0.02160	106.78	-1.1338E-12	-39.066E-6	781.32E-12			
1	Grid	50.14813	159.20151	106.80000	-0.02555	106.78	-1.1111E-12	-38.601E-6	772.02E-12			
1	Grid	52.14331	159.20151	106.80000	-0.02967	106.78	-1.0891E-12	-38.129E-6	762.58E-12			
1	Grid	54.13849	159.20151	106.80000	-0.03396	106.78	-1.0671E-12	-37.650E-6	753.00E-12			
1	Grid	56.13367	159.20151	106.80000	-0.03840	106.78	-1.0445E-12	-37.165E-6	743.30E-12			
1	Grid	58.12885	159.20151	106.80000	-0.04299	106.78	-1.0205E-12	-36.675E-6	733.51E-12			
1	Grid	60.12403	159.20151	106.80000	-0.04770	106.78	0.0	-36.181E-6	723.62E-12			
1	Grid	62.11921	159.20151	106.80000	-0.05251	106.78	0.0	-35.683E-6	713.67E-12			
1	Grid	64.11439	159.20151	106.80000	-0.05740	106.78	0.0	-35.182E-6	703.65E-12			
1	Grid	66.10957	159.20151	106.80000	-0.06234	106.78	0.0	-34.679E-6	693.58E-12			
1	Grid	68.10475	159.20151	106.80000	-0.06729	106.78	0.0	-34.174E-6	683.47E-12			
1	Grid	70.09993	159.20151	106.80000	-0.07223	106.78	0.0	-33.667E-6	673.35E-12			
1	Grid	72.09511	159.20151	106.80000	-0.07711	106.78	0.0	-33.160E-6	663.20E-12			
1	Grid	74.09029	159.20151	106.80000	-0.08187	106.78	0.0	-32.653E-6	653.06E-12			
1	Grid	76.08547	159.20151	106.80000	-0.08648	106.78	0.0	-32.146E-6	642.93E-12			
1	Grid	78.08065	159.20151	106.80000	-0.09088	106.78	0.0	-31.641E-6	632.81E-12			
1	Grid	80.07583	159.20151	106.80000	-0.09502	106.78	0.0	-31.136E-6	622.73E-12			
1	Grid	82.07101	159.20151	106.80000	-0.09884	106.78	0.0	-30.634E-6	612.67E-12			
1	Grid	84.06619	159.20151	106.80000	-0.10228	106.78	0.0	-30.133E-6	602.67E-12			
1	Grid	86.06137	159.20151	106.80000	-0.10540	106.78	0.0	-29.636E-6	592.72E-12			
1	Grid	88.05655	159.20151	106.80000	-0.10784	106.78	0.0	-29.141E-6	582.83E-12			
1	Grid	90.05173	159.20151	106.80000	-0.10985	106.78	0.0	-28.650E-6	573.01E-12			
1	Grid	92.04691	159.20151	106.80000	-0.11131	106.78	0.0	-28.163E-6	563.26E-12			
1	Grid	94.04209	159.20151	106.80000	-0.11218	106.78	0.0	-27.680E-6	553.59E-12			
1	Grid	96.03727	159.20151	106.80000	-0.11245	106.78	0.0	-27.201E-6	543.92E-12			
1	Grid	98.03245	159.20151	106.80000	-0.11211	106.78	0.0	-26.726E-6	534.52E-12			
1	Grid	100.02763	159.20151	106.80000	-0.11116	106.78	0.0	-26.256E-6	525.13E-12			
1	Grid	102.02281	159.20151	106.80000	-0.10962	106.78	0.0	-25.792E-6	515.84E-12			
1	Grid	104.01799	159.20151	106.80000	-0.10751	106.78	0.0	-25.332E-6	506.65E-12			
1	Grid	106.01317	159.20151	106.80000	-0.10487	106.78	0.0	-24.879E-6	497.57E-12			
1	Grid	108.00835	159.20151	106.80000	-0.10175	106.78	0.0	-24.430E-6	488.60E-12			
1	Grid	110.00353	159.20151	106.80000	-0.09819	106.78	0.0	-23.988E-6	479.75E-12			
1	Grid	111.99871	159.20151	106.80000	-0.09425	106.78	0.0	-23.551E-6	471.01E-12			
1	Grid	113.99388	159.20151	106.80000	-0.08998	106.78	0.0	-23.120E-6	462.40E-12			
1	Grid	115.98906	159.20151	106.80000	-0.08545	106.78	0.0	-22.695E-6	453.90E-12			
1	Grid	117.98424	159.20151	106.80000	-0.08071	106.78	0.0	-22.277E-6	445.53E-12			
1	Grid	119.97942	159.20151	106.80000	-0.07582	106.78	0.0	-21.864E-6	437.28E-12			
1	Grid	121.97460	159.20151	106.80000	-0.07083	106.78	0.0	-21.458E-6	429.16E-12			
1	Grid	123.96978	159.20151	106.80000	-0.06579	106.78	0.0	-21.058E-6	421.16E-12			
1	Grid	125.96496	159.20151	106.80000	-0.06075	106.78	0.0	-20.655E-6	413.30E-12			
1	Grid	127.96014	159.20151	106.80000	-0.05574	106.78	0.0	-20.278E-6	405.55E-12			
1	Grid	129.95532	159.20151	106.80000	-0.05080	106.78	0.0	-19.897E-6	397.94E-12			
1	Grid	131.95050	159.20151	106.80000	-0.04597	106.78	0.0	-19.523E-6	390.45E-12			
1	Grid	133.94568	159.20151	106.80000	-0.04128	106.78	0.0	-19.155E-6	383.10E-12			
1	Grid	135.94086	159.20151	106.80000	-0.03673	106.78	0.0	-18.793E-6	375.86E-12			
1	Grid	137.93604	159.20151	106.80000	-0.03236	106.78	0.0	-18.438E-6	368.76E-12			
1	Grid	139.93122	159.20151	106.80000	-0.02817	106.78	0.0	-18.089E-6	361.78E-12			
1	Grid	141.92640	159.20151	106.80000	-0.02418	106.78	0.0	-17.746E-6	354.93E-12			
1	Grid	143.92158	159.20151	106.80000	-0.02039	106.78	0.0	-17.410E-6	348.20E-12			
1	Grid	145.91676	159.20151	106.80000	-0.01681	106.78	0.0	-17.080E-6	341.60E-12			
1	Grid	147.91194	159.20151	106.80000	-0.01344	106.78	0.0	-16.756E-6	335.12E-12			
1	Grid	149.90712	159.20151	106.80000	-0.01028	106.78	0.0	-16.438E-6	328.76E-12			
1	Grid	151.90230	159.20151	106.80000	-0.00733	106.78	0.0	-16.126E-6	322.52E-12			
1	Grid	153.89748	159.20151	106.80000	-0.00458	106.78	0.0	-15.820E-6	316.40E-12			
1	Grid	155.89266	159.20151	106.80000	-0.00202	106.78	0.0	-15.520E-6	310.40E-12			
1	Grid	157.88784	159.20151	106.80000	-0.00034	106.78	0.0	-15.225E-6	304.51E-12			
1	Grid	159.88302	159.20151	106.80000	0.00251	106.78	0.0	-14.937E-6	298.74E-12			
1	Grid	161.87820	159.20151	106.80000	0.00451	106.78	0.0	-14.654E-6	293.08E-12			
1	Grid	163.87338	159.20151	106.80000	0.00634	106.78	0.0	-14.377E-6	287.54E-12			
1	Grid	165.86856	159.20151	106.80000	0.00801	106.78	0.0	-14.105E-6	282.10E-12			
1	Grid	167.86374	159.20151	106.80000	0.00952	106.78	0.0	-13.839E-6	276.77E-12			
1	Grid	169.85892	159.20151	106.80000	0.01089	106.78	0.0	-13.578E-6	271.55E-12			
1	Grid	171.85410	159.20151	106.80000	0.01213	106.78	0.0	-13.322E-6	266.44E-12			
1	Grid	173.84928	159.20151	106.80000	0.01324	106.78	0.0	-13.071E-6	261.42E-12			
1	Grid	175.84446	159.20151	106.80000	0.01424	106.78	0.0	-12.826E-6	256.51E-12			
1	Grid	177.83964	159.20151	106.80000	0.01512	106.78	0.0	-12.588E-6	251.70E-12			
1	Grid	179.83482	159.20151	106.80000	0.01590	106.78	0.0	-12.350E-6	246.99E-12			
1	Grid	181.83000	159.20151	106.80000	0.01659	106.78	0.0					



Highgate Junior School Sports Hall

Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	-13.69763	161.07626	106.80000	0.02698	106.78	-1.4055E-12	-44.394E-6	897.89E-12
1	Grid	-11.70245	161.07626	106.80000	0.02685	106.78	-1.4102E-12	-44.470E-6	889.41E-12
1	Grid	-9.70727	161.07626	106.80000	0.02667	106.78	-1.4162E-12	-44.526E-6	890.52E-12
1	Grid	-7.71209	161.07626	106.80000	0.02645	106.78	-1.4175E-12	-44.560E-6	891.20E-12
1	Grid	-5.71691	161.07626	106.80000	0.02618	106.78	-1.4162E-12	-44.573E-6	891.46E-12
1	Grid	-3.72173	161.07626	106.80000	0.02586	106.78	-1.4169E-12	-44.565E-6	891.29E-12
1	Grid	-1.72655	161.07626	106.80000	0.02548	106.78	-1.4175E-12	-44.535E-6	890.70E-12
1	Grid	0.26863	161.07626	106.80000	0.02505	106.78	-1.4089E-12	-44.484E-6	889.67E-12
1	Grid	2.26381	161.07626	106.80000	0.02454	106.78	-1.4089E-12	-44.411E-6	888.23E-12
1	Grid	4.25899	161.07626	106.80000	0.02397	106.78	-1.4022E-12	-44.318E-6	886.36E-12
1	Grid	6.25437	161.07626	106.80000	0.02333	106.78	-1.3969E-12	-44.204E-6	884.08E-12
1	Grid	8.24935	161.07626	106.80000	0.02260	106.78	-1.3902E-12	-44.070E-6	881.39E-12
1	Grid	10.24453	161.07626	106.80000	0.02179	106.78	-1.3809E-12	-43.915E-6	878.30E-12
1	Grid	12.23971	161.07626	106.80000	0.02090	106.78	-1.3729E-12	-43.740E-6	874.81E-12
1	Grid	14.23489	161.07626	106.80000	0.01990	106.78	-1.3622E-12	-43.546E-6	870.93E-12
1	Grid	16.23107	161.07626	106.80000	0.01881	106.78	-1.3516E-12	-43.334E-6	866.67E-12
1	Grid	18.22525	161.07626	106.80000	0.01761	106.78	-1.3403E-12	-43.102E-6	862.04E-12
1	Grid	20.22043	161.07626	106.80000	0.01630	106.78	-1.3249E-12	-42.853E-6	857.06E-12
1	Grid	22.21561	161.07626	106.80000	0.01488	106.78	-1.3110E-12	-42.586E-6	851.72E-12
1	Grid	24.21079	161.07626	106.80000	0.01333	106.78	-1.2976E-12	-42.303E-6	846.05E-12
1	Grid	26.20597	161.07626	106.80000	0.01165	106.78	-1.2823E-12	-42.003E-6	840.06E-12
1	Grid	28.20115	161.07626	106.80000	0.00983	106.78	-1.2657E-12	-41.687E-6	833.75E-12
1	Grid	30.19633	161.07626	106.80000	0.00788	106.78	-1.2503E-12	-41.357E-6	827.14E-12
1	Grid	32.19151	161.07626	106.80000	0.00579	106.78	-1.2337E-12	-41.013E-6	820.25E-12
1	Grid	34.18669	161.07626	106.80000	0.00354	106.78	-1.2124E-12	-40.655E-6	813.09E-12
1	Grid	36.18187	161.07626	106.80000	0.00114	106.78	-1.1970E-12	-40.284E-6	805.67E-12
1	Grid	38.17705	161.07626	106.80000	-0.00141	106.78	-1.1757E-12	-39.900E-6	798.01E-12
1	Grid	40.17223	161.07626	106.80000	-0.00412	106.78	-1.1584E-12	-39.506E-6	790.12E-12
1	Grid	42.16741	161.07626	106.80000	-0.00700	106.78	-1.1364E-12	-39.101E-6	782.01E-12
1	Grid	44.16259	161.07626	106.80000	-0.01003	106.78	-1.1144E-12	-38.685E-6	773.71E-12
1	Grid	46.15777	161.07626	106.80000	-0.01322	106.78	-1.0978E-12	-38.261E-6	765.22E-12
1	Grid	48.15295	161.07626	106.80000	-0.01658	106.78	-1.0751E-12	-37.828E-6	756.56E-12
1	Grid	50.14813	161.07626	106.80000	-0.02008	106.78	-1.0545E-12	-37.387E-6	747.74E-12
1	Grid	52.14331	161.07626	106.80000	-0.02373	106.78	-1.0338E-12	-36.939E-6	738.79E-12
1	Grid	54.13849	161.07626	106.80000	-0.02753	106.78	-1.0119E-12	-36.485E-6	729.70E-12
1	Grid	56.13367	161.07626	106.80000	-0.03145	106.78	-0.9905E-12	-36.025E-6	720.50E-12
1	Grid	58.12885	161.07626	106.80000	-0.03549	106.78	0.0	-35.560E-6	711.20E-12
1	Grid	60.12403	161.07626	106.80000	-0.03963	106.78	0.0	-35.090E-6	701.81E-12
1	Grid	62.11921	161.07626	106.80000	-0.04385	106.78	0.0	-34.617E-6	692.34E-12
1	Grid	64.11439	161.07626	106.80000	-0.04813	106.78	0.0	-34.141E-6	682.82E-12
1	Grid	66.10957	161.07626	106.80000	-0.05244	106.78	0.0	-33.662E-6	673.24E-12
1	Grid	68.10475	161.07626	106.80000	-0.05676	106.78	0.0	-33.181E-6	663.62E-12
1	Grid	70.09993	161.07626	106.80000	-0.06105	106.78	0.0	-32.699E-6	653.98E-12
1	Grid	72.09511	161.07626	106.80000	-0.06527	106.78	0.0	-32.216E-6	644.31E-12
1	Grid	74.09029	161.07626	106.80000	-0.06939	106.78	0.0	-31.732E-6	634.65E-12
1	Grid	76.08547	161.07626	106.80000	-0.07347	106.78	0.0	-31.249E-6	624.98E-12
1	Grid	78.08065	161.07626	106.80000	-0.07715	106.78	0.0	-30.767E-6	615.33E-12
1	Grid	80.07583	161.07626	106.80000	-0.08071	106.78	0.0	-30.285E-6	605.70E-12
1	Grid	82.07101	161.07626	106.80000	-0.08397	106.78	0.0	-29.805E-6	596.10E-12
1	Grid	84.06619	161.07626	106.80000	-0.08692	106.78	0.0	-29.327E-6	586.54E-12
1	Grid	86.06137	161.07626	106.80000	-0.08968	106.78	0.0	-28.851E-6	577.03E-12
1	Grid	88.05655	161.07626	106.80000	-0.09165	106.78	0.0	-28.378E-6	567.57E-12
1	Grid	90.05173	161.07626	106.80000	-0.09337	106.78	0.0	-27.908E-6	558.17E-12
1	Grid	92.04691	161.07626	106.80000	-0.09461	106.78	0.0	-27.442E-6	548.84E-12
1	Grid	94.04209	161.07626	106.80000	-0.09536	106.78	0.0	-26.979E-6	539.58E-12
1	Grid	96.03727	161.07626	106.80000	-0.09566	106.78	0.0	-26.520E-6	530.39E-12
1	Grid	98.03245	161.07626	106.80000	-0.09530	106.78	0.0	-26.065E-6	521.30E-12
1	Grid	100.02763	161.07626	106.80000	-0.09450	106.78	0.0	-25.614E-6	512.28E-12
1	Grid	102.02281	161.07626	106.80000	-0.09320	106.78	0.0	-25.168E-6	503.37E-12
1	Grid	104.01799	161.07626	106.80000	-0.09142	106.78	0.0	-24.727E-6	494.54E-12
1	Grid	106.01317	161.07626	106.80000	-0.08918	106.78	0.0	-24.291E-6	485.82E-12
1	Grid	108.00835	161.07626	106.80000	-0.08653	106.78	0.0	-23.860E-6	477.20E-12
1	Grid	110.00353	161.07626	106.80000	-0.08351	106.78	0.0	-23.434E-6	468.69E-12
1	Grid	111.99871	161.07626	106.80000	-0.08015	106.78	0.0	-23.014E-6	460.28E-12
1	Grid	113.99389	161.07626	106.80000	-0.07651	106.78	0.0	-22.600E-6	451.99E-12
1	Grid	115.98906	161.07626	106.80000	-0.07263	106.78	0.0	-22.191E-6	443.81E-12
1	Grid	117.98424	161.07626	106.80000	-0.06857	106.78	0.0	-21.787E-6	435.74E-12
1	Grid	119.97942	161.07626	106.80000	-0.06436	106.78	0.0	-21.390E-6	427.79E-12
1	Grid	121.97460	161.07626	106.80000	-0.06006	106.78	0.0	-20.998E-6	419.96E-12
1	Grid	123.96978	161.07626	106.80000	-0.05571	106.78	0.0	-20.612E-6	412.25E-12
1	Grid	125.96496	161.07626	106.80000	-0.05124	106.78	0.0	-20.233E-6	404.65E-12
1	Grid	127.96014	161.07626	106.80000	-0.04700	106.78	0.0	-19.859E-6	397.18E-12
1	Grid	129.95532	161.07626	106.80000	-0.04270	106.78	0.0	-19.491E-6	389.82E-12
1	Grid	131.95050	161.07626	106.80000	-0.03849	106.78	0.0	-19.129E-6	382.59E-12
1	Grid	133.94568	161.07626	106.80000	-0.03438	106.78	0.0	-18.774E-6	375.47E-12
1	Grid	135.94086	161.07626	106.80000	-0.03040	106.78	0.0	-18.424E-6	368.46E-12
1	Grid	137.93604	161.07626	106.80000	-0.02656	106.78	0.0	-18.080E-6	361.60E-12
1	Grid	139.93122	161.07626	106.80000	-0.02287	106.78	0.0	-17.742E-6	354.85E-12
1	Grid	141.92640	161.07626	106.80000	-0.01935	106.78	0.0	-17.411E-6	348.21E-12
1	Grid	143.92158	161.07626	106.80000	-0.01601	106.78	0.0	-17.085E-6	341.69E-12
1	Grid	145.91676	161.07626	106.80000	-0.01284	106.78	0.0	-16.765E-6	335.29E-12
1	Grid	147.91194	161.07626	106.80000	-0.00985	106.78	0.0	-16.450E-6	329.01E-12
1	Grid	149.90712	161.07626	106.80000	-0.00704	106.78	0.0	-16.142E-6	322.84E-12
1	Grid	151.90230	161.07626	106.80000	-0.00442	106.78	0.0	-15.839E-6	316.79E-12
1	Grid	153.89748	161.07626	106.80000	-0.00197	106.78	0.0	-15.542E-6	310.84E-12
1	Grid	155.89266	161.07626	106.80000	0.00031	106.78	0.0	-15.251E-6	304.99E-12
1	Grid	157.88784	161.07626	106.80000	0.00242	106.78	0.0	-14.965E-6	299.30E-12
1	Grid	159.88302	161.07626	106.80000	0.00436	106.78	0.0	-14.684E-6	293.69E-12
1	Grid	161.87820	161.07626	106.80000	0.00615	106.78	0.0	-14.409E-6	288.19E-12
1	Grid	163.87338	161.07626	106.80000	0.00779	106.78	0.0	-14.140E-6	282.80E-12
1	Grid	165.86856	161.07626	106.80000	0.00928	106.78	0.0	-13.875E-6	277.51E-12
1	Grid	167.86374	161.07626	106.80000	0.01064	106.78	0.0	-13.616E-6	272.32E-12
1	Grid	169.85892	161.07626	106.80000	0.01187	106.78	0.0	-13.362E-6	267.24E-12
1	Grid	171.85410	161.07626	106.80000	0.01298	106.78	0.0	-13.113E-6	262.26E-12
1	Grid	173.84928	161.07626	106.80000	0.01399	106.78	0.0	-12.869E-6	257.38E-12
1	Grid	175.84446	161.07626	106.80000	0.01487	106.78	0.0	-12.630E-6	252.59E-12
1	Grid	177.83964	161.07626	106.80000	0.01566	106.78	0.0	-12.395E-6	247.90E-12
1	Grid	179.83482	161.07626	106.80000	0.01636	106.78	0.0	-12.165E-6	243.31E-12
1	Grid	181.83000	161.07626	106.80000	0.01697	106.78	0.0	-11.940E-6	238.81E-12
1	Grid	195.50000	162.95101	106.80000	0.01876	106.78	0.0		

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term					Job No.		Sheet No.		Rev.	
					3244					
					Drg. Ref.					
					Made by AC		Date		Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain	
		[m]	[m]	[MOD]	[mm]	[MOD]	[kN/m²]	[kN/m²]	[µ]	
1	Grid	-33.64942	162.95101	106.80000	0.02638	106.78	-1.2337E-12	-41.086E-6	821.72E-12	
1	Grid	-31.65424	162.95101	106.80000	0.02653	106.78	-1.2483E-12	-41.341E-6	826.83E-12	
1	Grid	-29.65906	162.95101	106.80000	0.02666	106.78	-1.2583E-12	-41.580E-6	831.61E-12	
1	Grid	-27.66388	162.95101	106.80000	0.02676	106.78	-1.2723E-12	-41.802E-6	836.05E-12	
1	Grid	-25.66871	162.95101	106.80000	0.02685	106.78	-1.2843E-12	-42.007E-6	840.14E-12	
1	Grid	-23.67353	162.95101	106.80000	0.02692	106.78	-1.2916E-12	-42.194E-6	843.88E-12	
1	Grid	-21.67835	162.95101	106.80000	0.02697	106.78	-1.3023E-12	-42.362E-6	847.25E-12	
1	Grid	-19.68317	162.95101	106.80000	0.02699	106.78	-1.3076E-12	-42.512E-6	850.25E-12	
1	Grid	-17.68799	162.95101	106.80000	0.02698	106.78	-1.3156E-12	-42.643E-6	852.86E-12	
1	Grid	-15.69281	162.95101	106.80000	0.02694	106.78	-1.3216E-12	-42.755E-6	855.10E-12	
1	Grid	-13.69763	162.95101	106.80000	0.02687	106.78	-1.3269E-12	-42.847E-6	856.94E-12	
1	Grid	-11.70245	162.95101	106.80000	0.02676	106.78	-1.3303E-12	-42.919E-6	858.38E-12	
1	Grid	-9.70727	162.95101	106.80000	0.02661	106.78	-1.3323E-12	-42.971E-6	859.43E-12	
1	Grid	-7.71209	162.95101	106.80000	0.02643	106.78	-1.3356E-12	-43.004E-6	860.07E-12	
1	Grid	-5.71691	162.95101	106.80000	0.02620	106.78	-1.3349E-12	-43.016E-6	860.32E-12	
1	Grid	-3.72173	162.95101	106.80000	0.02592	106.78	-1.3349E-12	-43.008E-6	860.16E-12	
1	Grid	-1.72655	162.95101	106.80000	0.02559	106.78	-1.3329E-12	-42.980E-6	859.60E-12	
1	Grid	0.26863	162.95101	106.80000	0.02520	106.78	-1.3309E-12	-42.932E-6	858.63E-12	
1	Grid	2.26381	162.95101	106.80000	0.02475	106.78	-1.3249E-12	-42.864E-6	857.27E-12	
1	Grid	4.25899	162.95101	106.80000	0.02424	106.78	-1.3236E-12	-42.776E-6	855.51E-12	
1	Grid	6.25417	162.95101	106.80000	0.02367	106.78	-1.3169E-12	-42.668E-6	853.36E-12	
1	Grid	8.24935	162.95101	106.80000	0.02302	106.78	-1.3129E-12	-42.541E-6	850.83E-12	
1	Grid	10.24453	162.95101	106.80000	0.02230	106.78	-1.3050E-12	-42.396E-6	847.91E-12	
1	Grid	12.23971	162.95101	106.80000	0.02149	106.78	-1.2930E-12	-42.231E-6	844.62E-12	
1	Grid	14.23489	162.95101	106.80000	0.02060	106.78	-1.2850E-12	-42.048E-6	840.96E-12	
1	Grid	16.23007	162.95101	106.80000	0.01962	106.78	-1.2750E-12	-41.847E-6	836.95E-12	
1	Grid	18.22525	162.95101	106.80000	0.01854	106.78	-1.2630E-12	-41.629E-6	832.58E-12	
1	Grid	20.22043	162.95101	106.80000	0.01736	106.78	-1.2510E-12	-41.394E-6	827.87E-12	
1	Grid	22.21561	162.95101	106.80000	0.01608	106.78	-1.2363E-12	-41.142E-6	822.84E-12	
1	Grid	24.21079	162.95101	106.80000	0.01469	106.78	-1.2244E-12	-40.874E-6	817.48E-12	
1	Grid	26.20597	162.95101	106.80000	0.01318	106.78	-1.2090E-12	-40.591E-6	811.82E-12	
1	Grid	28.20115	162.95101	106.80000	0.01155	106.78	-1.1977E-12	-40.293E-6	805.86E-12	
1	Grid	30.19633	162.95101	106.80000	0.00980	106.78	-1.1811E-12	-39.981E-6	799.62E-12	
1	Grid	32.19151	162.95101	106.80000	0.00792	106.78	-1.1637E-12	-39.655E-6	793.11E-12	
1	Grid	34.18669	162.95101	106.80000	0.00591	106.78	-1.1464E-12	-39.317E-6	786.34E-12	
1	Grid	36.18187	162.95101	106.80000	0.00376	106.78	-1.1304E-12	-38.966E-6	779.32E-12	
1	Grid	38.17705	162.95101	106.80000	0.00147	106.78	-1.1138E-12	-38.603E-6	772.07E-12	
1	Grid	40.17223	162.95101	106.80000	-0.00095	106.78	-1.0925E-12	-38.230E-6	764.60E-12	
1	Grid	42.16741	162.95101	106.80000	-0.00351	106.78	-1.0765E-12	-37.846E-6	756.93E-12	
1	Grid	44.16259	162.95101	106.80000	-0.00622	106.78	-1.0578E-12	-37.453E-6	749.06E-12	
1	Grid	46.15777	162.95101	106.80000	-0.00906	106.78	-1.0385E-12	-37.051E-6	741.02E-12	
1	Grid	48.15295	162.95101	106.80000	-0.01204	106.78	-1.0192E-12	-36.640E-6	732.81E-12	
1	Grid	50.14813	162.95101	106.80000	-0.01515	106.78	-1.0025E-12	-36.222E-6	724.45E-12	
1	Grid	52.14331	162.95101	106.80000	-0.01838	106.78	0.0	-35.797E-6	715.95E-12	
1	Grid	54.13849	162.95101	106.80000	-0.02173	106.78	0.0	-35.366E-6	707.32E-12	
1	Grid	56.13367	162.95101	106.80000	-0.02520	106.78	0.0	-34.929E-6	698.59E-12	
1	Grid	58.12885	162.95101	106.80000	-0.02875	106.78	0.0	-34.487E-6	689.75E-12	
1	Grid	60.12403	162.95101	106.80000	-0.03239	106.78	0.0	-34.041E-6	680.82E-12	
1	Grid	62.11921	162.95101	106.80000	-0.03609	106.78	0.0	-33.591E-6	671.83E-12	
1	Grid	64.11439	162.95101	106.80000	-0.03984	106.78	0.0	-33.138E-6	662.76E-12	
1	Grid	66.10957	162.95101	106.80000	-0.04361	106.78	0.0	-32.682E-6	653.65E-12	
1	Grid	68.10475	162.95101	106.80000	-0.04737	106.78	0.0	-32.224E-6	644.49E-12	
1	Grid	70.09993	162.95101	106.80000	-0.05110	106.78	0.0	-31.765E-6	635.30E-12	
1	Grid	72.09511	162.95101	106.80000	-0.05477	106.78	0.0	-31.305E-6	626.09E-12	
1	Grid	74.09029	162.95101	106.80000	-0.05833	106.78	0.0	-30.844E-6	616.87E-12	
1	Grid	76.08547	162.95101	106.80000	-0.06177	106.78	0.0	-30.383E-6	607.66E-12	
1	Grid	78.08065	162.95101	106.80000	-0.06503	106.78	0.0	-29.922E-6	598.44E-12	
1	Grid	80.07583	162.95101	106.80000	-0.06809	106.78	0.0	-29.462E-6	589.25E-12	
1	Grid	82.07101	162.95101	106.80000	-0.07089	106.78	0.0	-29.004E-6	580.08E-12	
1	Grid	84.06619	162.95101	106.80000	-0.07342	106.78	0.0	-28.547E-6	570.94E-12	
1	Grid	86.06137	162.95101	106.80000	-0.07562	106.78	0.0	-28.092E-6	561.84E-12	
1	Grid	88.05655	162.95101	106.80000	-0.07747	106.78	0.0	-27.640E-6	552.79E-12	
1	Grid	90.05173	162.95101	106.80000	-0.07893	106.78	0.0	-27.190E-6	543.80E-12	
1	Grid	92.04691	162.95101	106.80000	-0.08000	106.78	0.0	-26.743E-6	534.86E-12	
1	Grid	94.04209	162.95101	106.80000	-0.08063	106.78	0.0	-26.299E-6	525.99E-12	
1	Grid	96.03727	162.95101	106.80000	-0.08084	106.78	0.0	-25.859E-6	517.18E-12	
1	Grid	98.03245	162.95101	106.80000	-0.08060	106.78	0.0	-25.423E-6	508.46E-12	
1	Grid	100.02763	162.95101	106.80000	-0.07992	106.78	0.0	-24.991E-6	499.81E-12	
1	Grid	102.02281	162.95101	106.80000	-0.07882	106.78	0.0	-24.563E-6	491.25E-12	
1	Grid	104.01799	162.95101	106.80000	-0.07732	106.78	0.0	-24.139E-6	482.78E-12	
1	Grid	106.01317	162.95101	106.80000	-0.07542	106.78	0.0	-23.720E-6	474.40E-12	
1	Grid	108.00835	162.95101	106.80000	-0.07317	106.78	0.0	-23.306E-6	466.11E-12	
1	Grid	110.00353	162.95101	106.80000	-0.07059	106.78	0.0	-22.896E-6	457.92E-12	
1	Grid	111.99871	162.95101	106.80000	-0.06773	106.78	0.0	-22.492E-6	449.84E-12	
1	Grid	113.99388	162.95101	106.80000	-0.06462	106.78	0.0	-22.093E-6	441.85E-12	
1	Grid	115.98906	162.95101	106.80000	-0.06130	106.78	0.0	-21.699E-6	433.97E-12	
1	Grid	117.98424	162.95101	106.80000	-0.05781	106.78	0.0</			

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.		
						3244				
						Drg. Ref.				
						Made by AC	Date	Checked		
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain	
		[m]	[m]	[MOD]	[mm]	[MOD]	[kN/m²]	[kN/m²]	[µ]	
1	Grid	-53.60122	164.82576	106.80000	0.02403	106.78	-1.0185E-12	-36.561E-6	731.22E-12	
1	Grid	-51.60604	164.82576	106.80000	0.02427	106.78	-1.0332E-12	-36.927E-6	738.54E-12	
1	Grid	-49.61086	164.82576	106.80000	0.02451	106.78	-1.0505E-12	-37.283E-6	745.66E-12	
1	Grid	-47.61568	164.82576	106.80000	0.02474	106.78	-1.0691E-12	-37.629E-6	752.58E-12	
1	Grid	-45.62050	164.82576	106.80000	0.02496	106.78	-1.0825E-12	-37.964E-6	759.28E-12	
1	Grid	-43.62532	164.82576	106.80000	0.02518	106.78	-1.1011E-12	-38.287E-6	765.75E-12	
1	Grid	-41.63014	164.82576	106.80000	0.02539	106.78	-1.1118E-12	-38.598E-6	771.97E-12	
1	Grid	-39.63496	164.82576	106.80000	0.02559	106.78	-1.1304E-12	-38.897E-6	777.93E-12	
1	Grid	-37.63978	164.82576	106.80000	0.02578	106.78	-1.1418E-12	-39.181E-6	783.63E-12	
1	Grid	-35.64460	164.82576	106.80000	0.02595	106.78	-1.1551E-12	-39.452E-6	789.05E-12	
1	Grid	-33.64942	164.82576	106.80000	0.02612	106.78	-1.1677E-12	-39.709E-6	794.17E-12	
1	Grid	-31.65424	164.82576	106.80000	0.02627	106.78	-1.1797E-12	-39.950E-6	799.00E-12	
1	Grid	-29.65906	164.82576	106.80000	0.02640	106.78	-1.1924E-12	-40.176E-6	803.51E-12	
1	Grid	-27.66388	164.82576	106.80000	0.02652	106.78	-1.2004E-12	-40.385E-6	807.71E-12	
1	Grid	-25.66871	164.82576	106.80000	0.02662	106.78	-1.2077E-12	-40.579E-6	811.57E-12	
1	Grid	-23.67353	164.82576	106.80000	0.02670	106.78	-1.2190E-12	-40.755E-6	815.10E-12	
1	Grid	-21.67835	164.82576	106.80000	0.02676	106.78	-1.2264E-12	-40.914E-6	818.28E-12	
1	Grid	-19.68317	164.82576	106.80000	0.02679	106.78	-1.2330E-12	-41.055E-6	821.11E-12	
1	Grid	-17.68799	164.82576	106.80000	0.02680	106.78	-1.2390E-12	-41.179E-6	823.58E-12	
1	Grid	-15.69281	164.82576	106.80000	0.02678	106.78	-1.2477E-12	-41.284E-6	825.68E-12	
1	Grid	-13.69763	164.82576	106.80000	0.02673	106.78	-1.2497E-12	-41.371E-6	827.42E-12	
1	Grid	-11.70245	164.82576	106.80000	0.02665	106.78	-1.2530E-12	-41.439E-6	828.78E-12	
1	Grid	-9.70727	164.82576	106.80000	0.02653	106.78	-1.2543E-12	-41.489E-6	829.77E-12	
1	Grid	-7.71209	164.82576	106.80000	0.02638	106.78	-1.2577E-12	-41.519E-6	830.38E-12	
1	Grid	-5.71691	164.82576	106.80000	0.02618	106.78	-1.2577E-12	-41.531E-6	830.61E-12	
1	Grid	-3.72173	164.82576	106.80000	0.02594	106.78	-1.2590E-12	-41.523E-6	830.46E-12	
1	Grid	-1.72655	164.82576	106.80000	0.02565	106.78	-1.2537E-12	-41.497E-6	829.93E-12	
1	Grid	0.26863	164.82576	106.80000	0.02531	106.78	-1.2523E-12	-41.451E-6	829.02E-12	
1	Grid	2.26381	164.82576	106.80000	0.02492	106.78	-1.2523E-12	-41.387E-6	827.74E-12	
1	Grid	4.25899	164.82576	106.80000	0.02447	106.78	-1.2483E-12	-41.304E-6	826.08E-12	
1	Grid	6.25417	164.82576	106.80000	0.02396	106.78	-1.2403E-12	-41.203E-6	824.05E-12	
1	Grid	8.24935	164.82576	106.80000	0.02338	106.78	-1.2363E-12	-41.083E-6	821.66E-12	
1	Grid	10.24453	164.82576	106.80000	0.02274	106.78	-1.2270E-12	-40.945E-6	818.91E-12	
1	Grid	12.23971	164.82576	106.80000	0.02201	106.78	-1.2204E-12	-40.790E-6	815.80E-12	
1	Grid	14.23489	164.82576	106.80000	0.02122	106.78	-1.2117E-12	-40.618E-6	812.35E-12	
1	Grid	16.23007	164.82576	106.80000	0.02034	106.78	-1.2050E-12	-40.428E-6	808.56E-12	
1	Grid	18.22525	164.82576	106.80000	0.01937	106.78	-1.1930E-12	-40.222E-6	804.44E-12	
1	Grid	20.22043	164.82576	106.80000	0.01832	106.78	-1.1797E-12	-40.000E-6	800.00E-12	
1	Grid	22.21561	164.82576	106.80000	0.01716	106.78	-1.1691E-12	-39.762E-6	795.24E-12	
1	Grid	24.21079	164.82576	106.80000	0.01591	106.78	-1.1564E-12	-39.509E-6	790.18E-12	
1	Grid	26.20597	164.82576	106.80000	0.01456	106.78	-1.1458E-12	-39.242E-6	784.83E-12	
1	Grid	28.20115	164.82576	106.80000	0.01310	106.78	-1.1304E-12	-38.960E-6	779.20E-12	
1	Grid	30.19633	164.82576	106.80000	0.01153	106.78	-1.1138E-12	-38.665E-6	773.30E-12	
1	Grid	32.19151	164.82576	106.80000	0.00985	106.78	-1.1018E-12	-38.357E-6	767.14E-12	
1	Grid	34.18669	164.82576	106.80000	0.00804	106.78	-1.0838E-12	-38.036E-6	760.73E-12	
1	Grid	36.18187	164.82576	106.80000	0.00612	106.78	-1.0691E-12	-37.704E-6	754.09E-12	
1	Grid	38.17705	164.82576	106.80000	0.00408	106.78	-1.0545E-12	-37.361E-6	747.22E-12	
1	Grid	40.17223	164.82576	106.80000	0.00192	106.78	-1.0392E-12	-37.008E-6	740.15E-12	
1	Grid	42.16741	164.82576	106.80000	-0.00036	106.78	-1.0172E-12	-36.644E-6	732.88E-12	
1	Grid	44.16259	164.82576	106.80000	-0.00277	106.78	-1.0025E-12	-36.271E-6	725.43E-12	
1	Grid	46.15777	164.82576	106.80000	-0.00530	106.78	0.0	-35.890E-6	717.80E-12	
1	Grid	48.15295	164.82576	106.80000	-0.00794	106.78	0.0	-35.501E-6	710.01E-12	
1	Grid	50.14813	164.82576	106.80000	-0.01070	106.78	0.0	-35.104E-6	702.08E-12	
1	Grid	52.14331	164.82576	106.80000	-0.01356	106.78	0.0	-34.701E-6	694.01E-12	
1	Grid	54.13849	164.82576	106.80000	-0.01653	106.78	0.0	-34.291E-6	685.82E-12	
1	Grid	56.13367	164.82576	106.80000	-0.01958	106.78	0.0	-33.876E-6	677.52E-12	
1	Grid	58.12885	164.82576	106.80000	-0.02271	106.78	0.0	-33.456E-6	669.12E-12	
1	Grid	60.12403	164.82576	106.80000	-0.02591	106.78	0.0	-33.032E-6	660.64E-12	
1	Grid	62.11921	164.82576	106.80000	-0.02916	106.78	0.0	-32.604E-6	652.08E-12	
1	Grid	64.11439	164.82576	106.80000	-0.03244	106.78	0.0	-32.173E-6	643.45E-12	
1	Grid	66.10957	164.82576	106.80000	-0.03573	106.78	0.0	-31.739E-6	634.77E-12	
1	Grid	68.10475	164.82576	106.80000	-0.03902	106.78	0.0	-31.303E-6	626.05E-12	
1	Grid	70.09993	164.82576	106.80000	-0.04226	106.78	0.0	-30.865E-6	617.30E-12	
1	Grid	72.09511	164.82576	106.80000	-0.04545	106.78	0.0	-30.426E-6	608.52E-12	
1	Grid	74.09029	164.82576	106.80000	-0.04854	106.78	0.0	-29.986E-6	599.72E-12	
1	Grid	76.08547	164.82576	106.80000	-0.05151	106.78	0.0	-29.546E-6	590.93E-12	
1	Grid	78.08065	164.82576	106.80000	-0.05433	106.78	0.0	-29.107E-6	582.13E-12	
1	Grid	80.07583	164.82576	106.80000	-0.05696	106.78	0.0	-28.667E-6	573.35E-12	
1	Grid	82.07101	164.82576	106.80000	-0.05937	106.78	0.0	-28.229E-6	564.58E-12	
1	Grid	84.06619	164.82576	106.80000	-0.06154	106.78	0.0	-27.792E-6	555.85E-12	
1	Grid	86.06137	164.82576	106.80000	-0.06343	106.78	0.0	-27.357E-6	547.15E-12	
1	Grid	88.05655	164.82576	106.80000	-0.06502	106.78	0.0	-26.924E-6	538.48E-12	
1	Grid	90.05173	164.82576	106.80000	-0.06627	106.78	0.0	-26.493E-6	529.87E-12	
1	Grid	92.04691	164.82576	106.80000	-0.06719	106.78	0.0	-26.065E-6	521.31E-12	
1	Grid	94.04209	164.82576	106.80000	-0.06774	106.78	0.0	-25.640E-6	512.81E-12	
1	Grid	96.03727	164.82576	106.80000	-0.06792	106.78	0.0	-25.218E-6	504.37E-12	
1	Grid	98.03245	164.82576	106.80000	-0.0677					

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.	
						3244			
						Drg. Ref.			
Made by AC						Date		Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[MOD]	[mm]	[MOD]	[kN/m²]	[kN/m²]	[µ]
1	Grid	-73.55302	166.70050	106.80000	0.02118	106.78	0.0	-31.555E-6	631.10E-12
1	Grid	-71.55784	166.70050	106.80000	0.02144	106.78	0.0	-31.964E-6	639.28E-12
1	Grid	-69.56266	166.70050	106.80000	0.02170	106.78	0.0	-32.369E-6	647.38E-12
1	Grid	-67.56748	166.70050	106.80000	0.02196	106.78	0.0	-32.770E-6	655.39E-12
1	Grid	-65.57230	166.70050	106.80000	0.02222	106.78	0.0	-33.166E-6	663.32E-12
1	Grid	-63.57712	166.70050	106.80000	0.02248	106.78	0.0	-33.557E-6	671.13E-12
1	Grid	-61.58194	166.70050	106.80000	0.02274	106.78	0.0	-33.942E-6	678.83E-12
1	Grid	-59.58676	166.70050	106.80000	0.02300	106.78	0.0	-34.320E-6	686.41E-12
1	Grid	-57.59158	166.70050	106.80000	0.02325	106.78	0.0	-34.692E-6	693.84E-12
1	Grid	-55.59640	166.70050	106.80000	0.02350	106.78	0.0	-35.056E-6	701.12E-12
1	Grid	-53.60122	166.70050	106.80000	0.02374	106.78	0.0	-35.412E-6	708.23E-12
1	Grid	-51.60604	166.70050	106.80000	0.02398	106.78	0.0	-35.759E-6	715.17E-12
1	Grid	-49.61086	166.70050	106.80000	0.02422	106.78	0.0	-36.096E-6	721.93E-12
1	Grid	-47.61568	166.70050	106.80000	0.02445	106.78	-1.0099E-12	-36.424E-6	728.48E-12
1	Grid	-45.62050	166.70050	106.80000	0.02468	106.78	-1.0252E-12	-36.741E-6	734.82E-12
1	Grid	-43.62532	166.70050	106.80000	0.02489	106.78	-1.0385E-12	-37.047E-6	740.95E-12
1	Grid	-41.63014	166.70050	106.80000	0.02510	106.78	-1.0512E-12	-37.342E-6	746.83E-12
1	Grid	-39.63496	166.70050	106.80000	0.02531	106.78	-1.0698E-12	-37.624E-6	752.48E-12
1	Grid	-37.63978	166.70050	106.80000	0.02550	106.78	-1.0778E-12	-37.893E-6	757.87E-12
1	Grid	-35.64460	166.70050	106.80000	0.02568	106.78	-1.0938E-12	-38.149E-6	762.99E-12
1	Grid	-33.64942	166.70050	106.80000	0.02585	106.78	-1.1038E-12	-38.392E-6	767.84E-12
1	Grid	-31.65424	166.70050	106.80000	0.02600	106.78	-1.1144E-12	-38.620E-6	772.40E-12
1	Grid	-29.65906	166.70050	106.80000	0.02614	106.78	-1.1224E-12	-38.833E-6	776.66E-12
1	Grid	-27.66388	166.70050	106.80000	0.02627	106.78	-1.1351E-12	-39.031E-6	780.63E-12
1	Grid	-25.66871	166.70050	106.80000	0.02638	106.78	-1.1424E-12	-39.214E-6	784.28E-12
1	Grid	-23.67353	166.70050	106.80000	0.02647	106.78	-1.1531E-12	-39.380E-6	787.61E-12
1	Grid	-21.67835	166.70050	106.80000	0.02654	106.78	-1.1577E-12	-39.531E-6	790.61E-12
1	Grid	-19.68317	166.70050	106.80000	0.02659	106.78	-1.1631E-12	-39.664E-6	793.28E-12
1	Grid	-17.68799	166.70050	106.80000	0.02661	106.78	-1.1697E-12	-39.781E-6	795.62E-12
1	Grid	-15.69281	166.70050	106.80000	0.02661	106.78	-1.1751E-12	-39.880E-6	797.61E-12
1	Grid	-13.69763	166.70050	106.80000	0.02658	106.78	-1.1784E-12	-39.962E-6	799.24E-12
1	Grid	-11.70245	166.70050	106.80000	0.02652	106.78	-1.1844E-12	-40.027E-6	800.53E-12
1	Grid	-9.70727	166.70050	106.80000	0.02643	106.78	-1.1844E-12	-40.073E-6	801.47E-12
1	Grid	-7.71209	166.70050	106.80000	0.02631	106.78	-1.1877E-12	-40.102E-6	802.04E-12
1	Grid	-5.71691	166.70050	106.80000	0.02614	106.78	-1.1871E-12	-40.113E-6	802.26E-12
1	Grid	-3.72173	166.70050	106.80000	0.02594	106.78	-1.1857E-12	-40.106E-6	802.12E-12
1	Grid	-1.72655	166.70050	106.80000	0.02569	106.78	-1.1864E-12	-40.081E-6	801.62E-12
1	Grid	0.26863	166.70050	106.80000	0.02539	106.78	-1.1824E-12	-40.038E-6	800.76E-12
1	Grid	2.26381	166.70050	106.80000	0.02505	106.78	-1.1811E-12	-39.977E-6	799.55E-12
1	Grid	4.25899	166.70050	106.80000	0.02465	106.78	-1.1764E-12	-39.899E-6	797.99E-12
1	Grid	6.25417	166.70050	106.80000	0.02420	106.78	-1.1717E-12	-39.804E-6	796.07E-12
1	Grid	8.24935	166.70050	106.80000	0.02369	106.78	-1.1657E-12	-39.691E-6	793.81E-12
1	Grid	10.24453	166.70050	106.80000	0.02311	106.78	-1.1617E-12	-39.561E-6	791.22E-12
1	Grid	12.23971	166.70050	106.80000	0.02247	106.78	-1.1524E-12	-39.414E-6	788.28E-12
1	Grid	14.23489	166.70050	106.80000	0.02176	106.78	-1.1458E-12	-39.251E-6	785.02E-12
1	Grid	16.23007	166.70050	106.80000	0.02097	106.78	-1.1358E-12	-39.072E-6	781.44E-12
1	Grid	18.22525	166.70050	106.80000	0.02011	106.78	-1.1258E-12	-38.877E-6	777.55E-12
1	Grid	20.22043	166.70050	106.80000	0.01916	106.78	-1.1171E-12	-38.668E-6	773.35E-12
1	Grid	22.21561	166.70050	106.80000	0.01813	106.78	-1.1058E-12	-38.443E-6	768.86E-12
1	Grid	24.21079	166.70050	106.80000	0.01701	106.78	-1.0938E-12	-38.204E-6	764.07E-12
1	Grid	26.20597	166.70050	106.80000	0.01580	106.78	-1.0805E-12	-37.951E-6	759.01E-12
1	Grid	28.20115	166.70050	106.80000	0.01449	106.78	-1.0671E-12	-37.684E-6	753.69E-12
1	Grid	30.19633	166.70050	106.80000	0.01309	106.78	-1.0565E-12	-37.405E-6	748.10E-12
1	Grid	32.19151	166.70050	106.80000	0.01158	106.78	-1.0405E-12	-37.114E-6	742.27E-12
1	Grid	34.18669	166.70050	106.80000	0.00997	106.78	-1.0278E-12	-36.810E-6	736.21E-12
1	Grid	36.18187	166.70050	106.80000	0.00826	106.78	-1.0112E-12	-36.496E-6	729.92E-12
1	Grid	38.17705	166.70050	106.80000	0.00644	106.78	0.0	-36.171E-6	723.42E-12
1	Grid	40.17223	166.70050	106.80000	0.00451	106.78	0.0	-35.836E-6	716.72E-12
1	Grid	42.16741	166.70050	106.80000	0.00247	106.78	0.0	-35.491E-6	709.82E-12
1	Grid	44.16259	166.70050	106.80000	0.00033	106.78	0.0	-35.138E-6	702.76E-12
1	Grid	46.15777	166.70050	106.80000	-0.00191	106.78	0.0	-34.776E-6	695.52E-12
1	Grid	48.15295	166.70050	106.80000	-0.00426	106.78	0.0	-34.407E-6	688.13E-12
1	Grid	50.14813	166.70050	106.80000	-0.00670	106.78	0.0	-34.030E-6	680.60E-12
1	Grid	52.14331	166.70050	106.80000	-0.00924	106.78	0.0	-33.647E-6	672.94E-12
1	Grid	54.13849	166.70050	106.80000	-0.01186	106.78	0.0	-33.258E-6	665.16E-12
1	Grid	56.13367	166.70050	106.80000	-0.01455	106.78	0.0	-32.863E-6	657.27E-12
1	Grid	58.12885	166.70050	106.80000	-0.01731	106.78	0.0	-32.464E-6	649.28E-12
1	Grid	60.12403	166.70050	106.80000	-0.02012	106.78	0.0	-32.061E-6	641.21E-12
1	Grid	62.11921	166.70050	106.80000	-0.02297	106.78	0.0	-31.653E-6	633.07E-12
1	Grid	64.11439	166.70050	106.80000	-0.02584	106.78	0.0	-31.243E-6	624.85E-12
1	Grid	66.10957	166.70050	106.80000	-0.02872	106.78	0.0	-30.829E-6	616.59E-12
1	Grid	68.10475	166.70050	106.80000	-0.03158	106.78	0.0	-30.414E-6	608.28E-12
1	Grid	70.09993	166.70050	106.80000	-0.03441	106.78	0.0	-29.996E-6	599.93E-12
1	Grid	72.09511	166.70050	106.80000	-0.03718	106.78	0.0	-29.578E-6	591.56E-12
1	Grid	74.09029	166.70050	106.80000	-0.03996	106.78	0.0	-29.158E-6	583.17E-12
1	Grid	76.08547	166.70050	106.80000	-0.04243	106.78	0.0	-28.738E-6	574.77E-12
1	Grid	78.08065	166.70050	106.80000	-0.04487	106.78	0.0	-28.318E-6	566.37E-12
1	Grid	80.07583	166.70050	106.80000	-0.04714	106.78			

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term					Job No.	Sheet No.	Rev.		
					3244				
					Drg. Ref.				
					Made by AC	Date	Checked		
Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
1	Grid	-93.50482	168.57525	106.80000	0.01834	106.78	0.0	-26.653E-6	533.06E-12
1	Grid	-91.50964	168.57525	106.80000	0.01860	106.78	0.0	-27.054E-6	541.08E-12
1	Grid	-89.51446	168.57525	106.80000	0.01885	106.78	0.0	-27.455E-6	549.11E-12
1	Grid	-87.51928	168.57525	106.80000	0.01910	106.78	0.0	-27.857E-6	557.14E-12
1	Grid	-85.52410	168.57525	106.80000	0.01936	106.78	0.0	-28.259E-6	565.18E-12
1	Grid	-83.52892	168.57525	106.80000	0.01962	106.78	0.0	-28.660E-6	573.20E-12
1	Grid	-81.53374	168.57525	106.80000	0.01988	106.78	0.0	-29.060E-6	581.21E-12
1	Grid	-79.53856	168.57525	106.80000	0.02013	106.78	0.0	-29.459E-6	589.19E-12
1	Grid	-77.54338	168.57525	106.80000	0.02039	106.78	0.0	-29.856E-6	597.13E-12
1	Grid	-75.54820	168.57525	106.80000	0.02065	106.78	0.0	-30.251E-6	605.03E-12
1	Grid	-73.55302	168.57525	106.80000	0.02091	106.78	0.0	-30.644E-6	612.87E-12
1	Grid	-71.55784	168.57525	106.80000	0.02117	106.78	0.0	-31.033E-6	620.66E-12
1	Grid	-69.56266	168.57525	106.80000	0.02143	106.78	0.0	-31.418E-6	628.37E-12
1	Grid	-67.56748	168.57525	106.80000	0.02169	106.78	0.0	-31.800E-6	636.00E-12
1	Grid	-65.57230	168.57525	106.80000	0.02195	106.78	0.0	-32.176E-6	643.53E-12
1	Grid	-63.57712	168.57525	106.80000	0.02221	106.78	0.0	-32.548E-6	650.96E-12
1	Grid	-61.58194	168.57525	106.80000	0.02246	106.78	0.0	-32.914E-6	658.28E-12
1	Grid	-59.58676	168.57525	106.80000	0.02271	106.78	0.0	-33.273E-6	665.47E-12
1	Grid	-57.59158	168.57525	106.80000	0.02296	106.78	0.0	-33.626E-6	672.52E-12
1	Grid	-55.59640	168.57525	106.80000	0.02321	106.78	0.0	-33.972E-6	679.43E-12
1	Grid	-53.60122	168.57525	106.80000	0.02346	106.78	0.0	-34.309E-6	686.19E-12
1	Grid	-51.60604	168.57525	106.80000	0.02370	106.78	0.0	-34.638E-6	692.77E-12
1	Grid	-49.61086	168.57525	106.80000	0.02393	106.78	0.0	-34.959E-6	699.17E-12
1	Grid	-47.61568	168.57525	106.80000	0.02416	106.78	0.0	-35.269E-6	705.38E-12
1	Grid	-45.62050	168.57525	106.80000	0.02439	106.78	0.0	-35.570E-6	711.39E-12
1	Grid	-43.62532	168.57525	106.80000	0.02461	106.78	0.0	-35.860E-6	717.19E-12
1	Grid	-41.63014	168.57525	106.80000	0.02482	106.78	0.0	-36.139E-6	722.77E-12
1	Grid	-39.63496	168.57525	106.80000	0.02502	106.78	-1.0079E-12	-36.404E-6	728.11E-12
1	Grid	-37.63978	168.57525	106.80000	0.02521	106.78	-1.0218E-12	-36.661E-6	733.21E-12
1	Grid	-35.64460	168.57525	106.80000	0.02540	106.78	-1.0338E-12	-36.903E-6	738.06E-12
1	Grid	-33.64942	168.57525	106.80000	0.02559	106.78	-1.0432E-12	-37.132E-6	742.65E-12
1	Grid	-31.65424	168.57525	106.80000	0.02573	106.78	-1.0532E-12	-37.348E-6	746.96E-12
1	Grid	-29.65906	168.57525	106.80000	0.02588	106.78	-1.0612E-12	-37.550E-6	751.00E-12
1	Grid	-27.66388	168.57525	106.80000	0.02601	106.78	-1.0711E-12	-37.737E-6	754.74E-12
1	Grid	-25.66871	168.57525	106.80000	0.02613	106.78	-1.0818E-12	-37.910E-6	758.19E-12
1	Grid	-23.67353	168.57525	106.80000	0.02623	106.78	-1.0865E-12	-38.067E-6	761.34E-12
1	Grid	-21.67835	168.57525	106.80000	0.02631	106.78	-1.0965E-12	-38.209E-6	764.18E-12
1	Grid	-19.68317	168.57525	106.80000	0.02637	106.78	-1.1011E-12	-38.335E-6	766.71E-12
1	Grid	-17.68799	168.57525	106.80000	0.02641	106.78	-1.1058E-12	-38.445E-6	768.91E-12
1	Grid	-15.69281	168.57525	106.80000	0.02643	106.78	-1.1104E-12	-38.539E-6	770.79E-12
1	Grid	-13.69763	168.57525	106.80000	0.02642	106.78	-1.1124E-12	-38.617E-6	772.34E-12
1	Grid	-11.70245	168.57525	106.80000	0.02638	106.78	-1.1191E-12	-38.678E-6	773.55E-12
1	Grid	-9.70727	168.57525	106.80000	0.02631	106.78	-1.1191E-12	-38.722E-6	774.43E-12
1	Grid	-7.71209	168.57525	106.80000	0.02621	106.78	-1.1204E-12	-38.749E-6	774.98E-12
1	Grid	-5.71691	168.57525	106.80000	0.02608	106.78	-1.1204E-12	-38.759E-6	775.18E-12
1	Grid	-3.72173	168.57525	106.80000	0.02590	106.78	-1.1184E-12	-38.753E-6	775.05E-12
1	Grid	-1.72655	168.57525	106.80000	0.02569	106.78	-1.1164E-12	-38.729E-6	774.58E-12
1	Grid	0.26863	168.57525	106.80000	0.02544	106.78	-1.1178E-12	-38.689E-6	773.77E-12
1	Grid	2.26381	168.57525	106.80000	0.02514	106.78	-1.1158E-12	-38.631E-6	772.63E-12
1	Grid	4.25899	168.57525	106.80000	0.02479	106.78	-1.1098E-12	-38.558E-6	771.15E-12
1	Grid	6.25417	168.57525	106.80000	0.02439	106.78	-1.1078E-12	-38.467E-6	769.34E-12
1	Grid	8.24935	168.57525	106.80000	0.02394	106.78	-1.0998E-12	-38.361E-6	767.21E-12
1	Grid	10.24453	168.57525	106.80000	0.02343	106.78	-1.0958E-12	-38.238E-6	764.76E-12
1	Grid	12.23971	168.57525	106.80000	0.02286	106.78	-1.0891E-12	-38.099E-6	761.99E-12
1	Grid	14.23489	168.57525	106.80000	0.02223	106.78	-1.0818E-12	-37.945E-6	758.91E-12
1	Grid	16.23007	168.57525	106.80000	0.02153	106.78	-1.0745E-12	-37.776E-6	755.52E-12
1	Grid	18.22525	168.57525	106.80000	0.02076	106.78	-1.0665E-12	-37.592E-6	751.84E-12
1	Grid	20.22043	168.57525	106.80000	0.01991	106.78	-1.0558E-12	-37.394E-6	747.87E-12
1	Grid	22.21561	168.57525	106.80000	0.01899	106.78	-1.0445E-12	-37.181E-6	743.62E-12
1	Grid	24.21079	168.57525	106.80000	0.01799	106.78	-1.0345E-12	-36.955E-6	739.10E-12
1	Grid	26.20597	168.57525	106.80000	0.01693	106.78	-1.0238E-12	-36.715E-6	734.31E-12
1	Grid	28.20115	168.57525	106.80000	0.01574	106.78	-1.0099E-12	-36.463E-6	729.27E-12
1	Grid	30.19633	168.57525	106.80000	0.01449	106.78	0.0	-36.199E-6	723.98E-12
1	Grid	32.19151	168.57525	106.80000	0.01314	106.78	0.0	-35.923E-6	718.46E-12
1	Grid	34.18669	168.57525	106.80000	0.01170	106.78	0.0	-35.636E-6	712.72E-12
1	Grid	36.18187	168.57525	106.80000	0.01017	106.78	0.0	-35.338E-6	706.76E-12
1	Grid	38.17705	168.57525	106.80000	0.00855	106.78	0.0	-35.030E-6	700.60E-12
1	Grid	40.17223	168.57525	106.80000	0.00683	106.78	0.0	-34.712E-6	694.24E-12
1	Grid	42.16741	168.57525	106.80000	0.00502	106.78	0.0	-34.385E-6	687.71E-12
1	Grid	44.16259	168.57525	106.80000	0.00312	106.78	0.0	-34.050E-6	681.00E-12
1	Grid	46.15777	168.57525	106.80000	0.00113	106.78	0.0	-33.707E-6	674.13E-12
1	Grid	48.15295	168.57525	106.80000	-0.00095	106.78	0.0	-33.356E-6	667.12E-12
1	Grid	50.14813	168.57525	106.80000	-0.00312	106.78	0.0	-32.998E-6	659.97E-12
1	Grid	52.14331	168.57525	106.80000	-0.00536	106.78	0.0	-32.634E-6	652.69E-12
1	Grid	54.13849	168.57525	106.80000	-0.00767	106.78	0.0	-32.265E-6	645.29E-12
1	Grid	56.13367	168.57525	106.80000	-0.01000	106.78	0.0	-31.890E-6	637.79E-12
1	Grid	58.12885	168.57525	106.80000	-0.01247	106.78	0.0	-31.510E-6	630.19E-12
1	Grid	60.12403	168.57525						

Oasys Highgate Junior School Sports Hall Unloading and Loading Long Term						Job No.	Sheet No.	Rev.	
						3244			
						Drg. Ref.			
						Made by AC	Date	Checked	
Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[MOD]	[mm]	[MOD]	[kN/m²]	[kN/m²]	[µ]
1	Grid	165.86856	168.57525	106.80000	0.01340	106.78	0.0	-12.992E-6	259.85E-12
1	Grid	167.86374	168.57525	106.80000	0.01426	106.78	0.0	-12.760E-6	255.20E-12
1	Grid	169.85892	168.57525	106.80000	0.01502	106.78	0.0	-12.532E-6	250.63E-12
1	Grid	171.85410	168.57525	106.80000	0.01572	106.78	0.0	-12.308E-6	246.15E-12
1	Grid	173.84928	168.57525	106.80000	0.01633	106.78	0.0	-12.088E-6	241.76E-12
1	Grid	175.84446	168.57525	106.80000	0.01688	106.78	0.0	-11.872E-6	237.44E-12
1	Grid	177.83964	168.57525	106.80000	0.01736	106.78	0.0	-11.661E-6	233.21E-12
1	Grid	179.83482	168.57525	106.80000	0.01778	106.78	0.0	-11.453E-6	229.06E-12
1	Grid	181.83000	168.57525	106.80000	0.01814	106.78	0.0	-11.249E-6	224.99E-12
1	Grid	-95.50000	170.45000	106.80000	0.01787	106.78	0.0	-25.573E-6	511.46E-12
1	Grid	-93.50482	170.45000	106.80000	0.01812	106.78	0.0	-25.956E-6	519.12E-12
1	Grid	-91.50964	170.45000	106.80000	0.01837	106.78	0.0	-26.339E-6	526.79E-12
1	Grid	-89.51446	170.45000	106.80000	0.01862	106.78	0.0	-26.723E-6	534.46E-12
1	Grid	-87.51928	170.45000	106.80000	0.01887	106.78	0.0	-27.107E-6	542.14E-12
1	Grid	-85.52410	170.45000	106.80000	0.01912	106.78	0.0	-27.491E-6	549.82E-12
1	Grid	-83.52892	170.45000	106.80000	0.01937	106.78	0.0	-27.874E-6	557.48E-12
1	Grid	-81.53374	170.45000	106.80000	0.01963	106.78	0.0	-28.256E-6	565.12E-12
1	Grid	-79.53856	170.45000	106.80000	0.01988	106.78	0.0	-28.637E-6	572.73E-12
1	Grid	-77.54338	170.45000	106.80000	0.02014	106.78	0.0	-29.016E-6	580.31E-12
1	Grid	-75.54820	170.45000	106.80000	0.02040	106.78	0.0	-29.392E-6	587.84E-12
1	Grid	-73.55302	170.45000	106.80000	0.02065	106.78	0.0	-29.766E-6	595.32E-12
1	Grid	-71.55784	170.45000	106.80000	0.02091	106.78	0.0	-30.137E-6	602.73E-12
1	Grid	-69.56266	170.45000	106.80000	0.02117	106.78	0.0	-30.504E-6	610.07E-12
1	Grid	-67.56748	170.45000	106.80000	0.02142	106.78	0.0	-30.867E-6	617.33E-12
1	Grid	-65.57230	170.45000	106.80000	0.02168	106.78	0.0	-31.225E-6	624.50E-12
1	Grid	-63.57712	170.45000	106.80000	0.02193	106.78	0.0	-31.578E-6	631.57E-12
1	Grid	-61.58194	170.45000	106.80000	0.02218	106.78	0.0	-31.926E-6	638.52E-12
1	Grid	-59.58676	170.45000	106.80000	0.02243	106.78	0.0	-32.268E-6	645.35E-12
1	Grid	-57.59158	170.45000	106.80000	0.02268	106.78	0.0	-32.603E-6	652.06E-12
1	Grid	-55.59640	170.45000	106.80000	0.02293	106.78	0.0	-32.931E-6	658.62E-12
1	Grid	-53.60122	170.45000	106.80000	0.02317	106.78	0.0	-33.251E-6	665.03E-12
1	Grid	-51.60604	170.45000	106.80000	0.02341	106.78	0.0	-33.564E-6	671.27E-12
1	Grid	-49.61086	170.45000	106.80000	0.02364	106.78	0.0	-33.867E-6	677.35E-12
1	Grid	-47.61568	170.45000	106.80000	0.02387	106.78	0.0	-34.162E-6	683.24E-12
1	Grid	-45.62050	170.45000	106.80000	0.02410	106.78	0.0	-34.447E-6	688.94E-12
1	Grid	-43.62532	170.45000	106.80000	0.02431	106.78	0.0	-34.722E-6	694.44E-12
1	Grid	-41.63014	170.45000	106.80000	0.02453	106.78	0.0	-34.986E-6	699.72E-12
1	Grid	-39.63496	170.45000	106.80000	0.02473	106.78	0.0	-35.239E-6	704.78E-12
1	Grid	-37.63978	170.45000	106.80000	0.02493	106.78	0.0	-35.481E-6	709.61E-12
1	Grid	-35.64460	170.45000	106.80000	0.02511	106.78	0.0	-35.710E-6	714.20E-12
1	Grid	-33.64942	170.45000	106.80000	0.02529	106.78	0.0	-35.927E-6	718.54E-12
1	Grid	-31.65424	170.45000	106.80000	0.02546	106.78	0.0	-36.131E-6	722.63E-12
1	Grid	-29.65906	170.45000	106.80000	0.02561	106.78	-1.0052E-12	-36.322E-6	726.44E-12
1	Grid	-27.66388	170.45000	106.80000	0.02575	106.78	-1.0145E-12	-36.499E-6	729.99E-12
1	Grid	-25.66871	170.45000	106.80000	0.02587	106.78	-1.0212E-12	-36.663E-6	733.25E-12
1	Grid	-23.67353	170.45000	106.80000	0.02598	106.78	-1.0278E-12	-36.812E-6	736.23E-12
1	Grid	-21.67835	170.45000	106.80000	0.02607	106.78	-1.0318E-12	-36.946E-6	738.92E-12
1	Grid	-19.68317	170.45000	106.80000	0.02615	106.78	-1.0398E-12	-37.065E-6	741.30E-12
1	Grid	-17.68799	170.45000	106.80000	0.02620	106.78	-1.0445E-12	-37.169E-6	743.39E-12
1	Grid	-15.69281	170.45000	106.80000	0.02623	106.78	-1.0498E-12	-37.258E-6	745.16E-12
1	Grid	-13.69763	170.45000	106.80000	0.02624	106.78	-1.0525E-12	-37.331E-6	746.63E-12
1	Grid	-11.70245	170.45000	106.80000	0.02622	106.78	-1.0545E-12	-37.389E-6	747.75E-12
1	Grid	-9.70727	170.45000	106.80000	0.02617	106.78	-1.0558E-12	-37.430E-6	748.61E-12
1	Grid	-7.71209	170.45000	106.80000	0.02610	106.78	-1.0592E-12	-37.456E-6	749.12E-12
1	Grid	-5.71691	170.45000	106.80000	0.02599	106.78	-1.0578E-12	-37.466E-6	749.32E-12
1	Grid	-3.72173	170.45000	106.80000	0.02585	106.78	-1.0578E-12	-37.460E-6	749.19E-12
1	Grid	-1.72655	170.45000	106.80000	0.02567	106.78	-1.0565E-12	-37.437E-6	748.75E-12
1	Grid	0.26863	170.45000	106.80000	0.02545	106.78	-1.0572E-12	-37.399E-6	747.98E-12
1	Grid	2.26381	170.45000	106.80000	0.02520	106.78	-1.0532E-12	-37.345E-6	746.90E-12
1	Grid	4.25899	170.45000	106.80000	0.02489	106.78	-1.0498E-12	-37.275E-6	745.51E-12
1	Grid	6.25417	170.45000	106.80000	0.02455	106.78	-1.0458E-12	-37.190E-6	743.80E-12
1	Grid	8.24935	170.45000	106.80000	0.02415	106.78	-1.0398E-12	-37.089E-6	741.78E-12
1	Grid	10.24453	170.45000	106.80000	0.02370	106.78	-1.0365E-12	-36.973E-6	739.46E-12
1	Grid	12.23971	170.45000	106.80000	0.02319	106.78	-1.0298E-12	-36.842E-6	736.84E-12
1	Grid	14.23489	170.45000	106.80000	0.02263	106.78	-1.0205E-12	-36.697E-6	733.93E-12
1	Grid	16.23007	170.45000	106.80000	0.02201	106.78	-1.0165E-12	-36.537E-6	730.73E-12
1	Grid	18.22525	170.45000	106.80000	0.02132	106.78	-1.0065E-12	-36.363E-6	727.25E-12
1	Grid	20.22043	170.45000	106.80000	0.02057	106.78	0.0	-36.175E-6	723.49E-12
1	Grid	22.21561	170.45000	106.80000	0.01975	106.78	0.0	-35.974E-6	719.47E-12
1	Grid	24.21079	170.45000	106.80000	0.01886	106.78	0.0	-35.760E-6	715.19E-12
1	Grid	26.20597	170.45000	106.80000	0.01790	106.78	0.0	-35.533E-6	710.66E-12
1	Grid	28.20115	170.45000	106.80000	0.01685	106.78	0.0	-35.294E-6	705.88E-12
1	Grid	30.19633	170.45000	106.80000	0.01573	106.78	0.0	-35.044E-6	700.88E-12
1	Grid	32.19151	170.45000	106.80000	0.01454	106.78	0.0	-34.782E-6	695.65E-12
1	Grid	34.18669	170.45000	106.80000	0.01326	106.78	0.0	-34.510E-6	690.20E-12
1	Grid	36.18187	170.45000	106.80000	0.01189	106.78	0.0	-34.228E-6	684.55E-12
1	Grid	38.17705	170.45000	106.80000	0.01045	106.78	0.0	-33.936E-6	678.71E-12
1	Grid	40.17223	170.45000	106.80000	0.00892	106.78	0.0	-33.634E-6	672.68E-12
1	Grid	42.16741	170.45000	106.80000	0.00731	106.78	0.0	-33.324E-6	666.48E-12
1	Grid	44.16259	170.45000	106.80000	0.00562	106.78	0.0	-33.006E-6	660.12E-12
1	Grid	46.15777	170.45000	106.80000	0.00386	106.78	0.0	-32.680E-6	653.60E-12
1	Grid	48.15295	170.45000	106.80000	0.00201	106.78	0.0	-32.347E-6	646.93E-12
1	Grid	50.14813	170.45000	106.80000	0.00010	106.78	0.0	-32.007E-6	640.14E-12
1	Grid	52.14331	170.45000	106.80000	-0.00188	106.78	0.0	-31.661E-6	633.22E-12
1	Grid	54.13849	170.45000	106.80000	-0.00392	106.78	0.0	-31.309E-6	626.19E-12
1	Grid	56.13367	170.45000	106.80000	-0.00600	106.78	0.0	-30.952E-6	619.05E-12
1	Grid	58.12885	170.45000	106.80000	-0.00815	106.78	0.0	-30.591E-6	611.82E-12
1	Grid	60.12403	170.45000	106.80000	-0.01032	106.78	0.0	-30.225E-6	604.51E-12
1	Grid	62.11921	170.45000	106.80000	-0.01252	106.78	0.0	-29.856E-6	597.12E-12
1	Grid	64.11439	170.45000	106.80000	-0.01472	106.78	0.0	-29.483E-6	589.67E-12
1	Grid	66.10957	170.45000	106.80000	-0.01693	106.78	0.0	-29.108E-6	582.16E-12
1	Grid	68.10475	170.45000	106.80000	-0.01911	106.78	0.0	-28.730E-6	574.61E-12
1	Grid	70.09993	170.45000	106.80000	-0.02126	106.78	0.0	-28.351E-6	567.01E-12
1	Grid	72.09511	170.45000	106.80000	-0.02336	106.78			



Highgate Junior School Sports Hall
Unloading and Loading Long Term

Job No.	Sheet No.	Rev.
3244		
Drg. Ref.		
Made by AC	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]		[kN/m²]	[kN/m²]	[µ]
1	Grid	145.91676	170.45000	106.80000	0.00215	106.78	0.0	-15.277E-6	305.54E-12
1	Grid	147.91194	170.45000	106.80000	0.00375	106.78	0.0	-15.007E-6	300.15E-12
1	Grid	149.90712	170.45000	106.80000	0.00526	106.78	0.0	-14.743E-6	294.85E-12
1	Grid	151.90230	170.45000	106.80000	0.00669	106.78	0.0	-14.482E-6	289.64E-12
1	Grid	153.89748	170.45000	106.80000	0.00802	106.78	0.0	-14.226E-6	284.52E-12
1	Grid	155.89266	170.45000	106.80000	0.00926	106.78	0.0	-13.974E-6	279.49E-12
1	Grid	157.88784	170.45000	106.80000	0.01042	106.78	0.0	-13.727E-6	274.54E-12
1	Grid	159.88302	170.45000	106.80000	0.01149	106.78	0.0	-13.484E-6	269.68E-12
1	Grid	161.87820	170.45000	106.80000	0.01248	106.78	0.0	-13.245E-6	264.90E-12
1	Grid	163.87338	170.45000	106.80000	0.01338	106.78	0.0	-13.011E-6	260.21E-12
1	Grid	165.86856	170.45000	106.80000	0.01421	106.78	0.0	-12.780E-6	255.60E-12
1	Grid	167.86374	170.45000	106.80000	0.01496	106.78	0.0	-12.554E-6	251.08E-12
1	Grid	169.85892	170.45000	106.80000	0.01564	106.78	0.0	-12.332E-6	246.64E-12
1	Grid	171.85410	170.45000	106.80000	0.01624	106.78	0.0	-12.114E-6	242.28E-12
1	Grid	173.84928	170.45000	106.80000	0.01678	106.78	0.0	-11.900E-6	237.99E-12
1	Grid	175.84446	170.45000	106.80000	0.01726	106.78	0.0	-11.690E-6	233.79E-12
1	Grid	177.83964	170.45000	106.80000	0.01768	106.78	0.0	-11.483E-6	229.67E-12
1	Grid	179.83482	170.45000	106.80000	0.01804	106.78	0.0	-11.281E-6	225.62E-12
1	Grid	181.83000	170.45000	106.80000	0.01836	106.78	0.0	-11.082E-6	221.65E-12

Results : Consolidation : Displacement Data : Grids

None

Results : Total : Displacement Data : Grids

None



Appendix D: XDisp Inputs & Outputs

Oasys

Job No.

Sheet No.

Rev.

Drg. Ref.

Made by

Date

20-Sep-2024

Checked

Date

Titles

Job No.:
Job Title:
Sub-title:
Calculation Heading:
Initials:
Checker:
Date Saved: 20-Sep-2024
Date Checked:
Notes:
File Name: B2 CIRIA Curves + Loading Long Term Simplified 02.xdd
File Path: C:\Users\Alex Corrigan\A-squared Dropbox\A2 matrix\A2-project\A2-3001-4000\3244 - Highgate Mallison Sports Centre\03 - Calculations\01 Buildings GMA\XDisp\B2

History

Date	Time	By	Notes
05-Mar-2024	20:20	matri	New
05-Mar-2024	20:32	matri	
02-Sep-2024	13:57	Ana Carvalho	
02-Sep-2024	15:47	Ana Carvalho	
04-Sep-2024	11:47	Ana Carvalho	
09-Sep-2024	09:40	Ana Carvalho	
19-Sep-2024	15:31	Ana Carvalho	
20-Sep-2024	18:17	Ana Carvalho	

Displacement Lines

Ref.	Name	x1	y1	z1	x2	y2	z2	Intervals	Surface type for tunnels	Interpolate imported displacements	Calculate
		[m]	[m]	[m]	[m]	[m]	[m]	[No.]			
1	20c.BLR.1	-61.43000	63.57000	106.80000	-50.74000	61.03000	106.80000	22	Surface	No	Yes
2	20c.BLR.2	-50.74000	61.03000	106.80000	-52.09000	54.99000	106.80000	13	Surface	No	Yes
3	20c.BLR.3	-52.09000	54.99000	106.80000	-52.78000	55.16000	106.80000	2	Surface	No	Yes
4	20c.BLR.4	-52.78000	55.16000	106.80000	-53.92000	50.25000	106.80000	11	Surface	No	Yes
5	20c.BLR.5	-53.92000	50.25000	106.80000	-60.19000	51.73000	106.80000	13	Surface	No	Yes
6	20c.BLR.6	-60.19000	51.73000	106.80000	-59.05000	56.56000	106.80000	10	Surface	No	Yes
7	20c.BLR.7	-59.05000	56.56000	106.80000	-62.89000	57.48000	106.80000	8	Surface	No	Yes
8	20c.BLR.8	-62.89000	57.48000	106.80000	-61.43000	63.57000	106.80000	13	Surface	No	Yes
9	22.BLR.1	-60.43000	32.30000	106.80000	-52.42000	32.38000	106.80000	17	Surface	No	Yes
10	22.BLR.2	-52.42000	32.38000	106.80000	-52.38000	12.91000	106.80000	39	Surface	No	Yes
11	22.BLR.3	-52.38000	12.91000	106.80000	-54.26000	12.93000	106.80000	4	Surface	No	Yes
12	22.BLR.4	-54.26000	12.93000	106.80000	-54.27000	9.35000	106.80000	8	Surface	No	Yes
13	22.BLR.5	-54.27000	9.35000	106.80000	-57.37000	9.36000	106.80000	7	Surface	No	Yes
14	22.BLR.6	-57.37000	9.36000	106.80000	-57.38000	7.57000	106.80000	4	Surface	No	Yes
15	22.BLR.7	-57.38000	7.57000	106.80000	-67.46000	7.66000	106.80000	21	Surface	No	Yes
16	22.BLR.8	-67.46000	7.66000	106.80000	-67.38000	29.02000	106.80000	43	Surface	No	Yes
17	22.BLR.9	-67.38000	29.02000	106.80000	-60.46000	28.94000	106.80000	14	Surface	No	Yes
18	22.BLR.10	-60.46000	28.94000	106.80000	-60.43000	32.30000	106.80000	7	Surface	No	Yes
19	22a.BLR.1	-61.21000	6.41000	106.80000	-53.34000	5.58000	106.80000	16	Surface	No	Yes
20	22a.BLR.2	-53.34000	5.58000	106.80000	-53.91000	0.05000	106.80000	12	Surface	No	Yes
21	22a.BLR.3	-53.91000	0.05000	106.80000	-51.07000	-0.36000	106.80000	6	Surface	No	Yes
22	22a.BLR.4	-51.07000	-0.36000	106.80000	-51.49000	-5.47000	106.80000	11	Surface	No	Yes
23	22a.BLR.5	-51.49000	-5.47000	106.80000	-62.13000	-4.49000	106.80000	5	Surface	No	Yes
24	22a.BLR.6	-62.13000	-4.49000	106.80000	-61.21000	6.41000	106.80000	22	Surface	No	Yes
25	24.BLR.1	-52.15000	-8.92000	106.80000	-58.40000	-6.77000	106.80000	14	Surface	No	Yes
26	24.BLR.2	-55.69000	-19.65000	106.80000	-52.15000	-8.92000	106.80000	23	Surface	No	Yes
27	24.BLR.3	-55.69000	-19.65000	106.80000	-55.69000	-19.65000	106.80000	2	Surface	No	Yes
28	24.BLR.4	-54.72000	-24.63000	106.80000	-55.06000	-20.13000	106.80000	11	Surface	No	Yes
29	24.BLR.5	-56.50000	-25.47000	106.80000	-57.72000	-24.63000	106.80000	3	Surface	No	Yes
30	24.BLR.6	-57.82000	-27.66000	106.80000	-56.50000	-25.47000	106.80000	6	Surface	No	Yes
31	24.BLR.7	-56.55000	-28.53000	106.80000	-57.82000	-27.66000	106.80000	4	Surface	No	Yes
32	24.BLR.8	-63.49000	-39.35000	106.80000	-56.55000	-28.53000	106.80000	26	Surface	No	Yes
33	24.BLR.9	-74.38000	-32.49000	106.80000	-63.49000	-39.35000	106.80000	26	Surface	No	Yes
34	24.BLR.10	-67.55000	-21.64000	106.80000	-74.38000	-32.49000	106.80000	26	Surface	No	Yes
35	24.BLR.11	-65.43000	-22.97000	106.80000	-67.55000	-21.64000	106.80000	6	Surface	No	Yes
36	24.BLR.12	-62.48000	-18.37000	106.80000	-65.43000	-22.97000	106.80000	11	Surface	No	Yes
37	24.BLR.13	-58.40000	-6.77000	106.80000	-62.48000	-18.37000	106.80000	23	Surface	No	Yes
38	FH.1	-24.98000	-52.40000	106.80000	5.28000	-44.73000	106.80000	63	Surface	No	Yes
39	FH.2	5.28000	-44.73000	106.80000	6.61000	-50.14000	106.80000	12	Surface	No	Yes
40	FH.3	6.61000	-50.14000	106.80000	3.34000	-50.94000	106.80000	7	Surface	No	Yes
41	FH.4	3.34000	-50.94000	106.80000	4.92000	-57.37000	106.80000	14	Surface	No	Yes
42	FH.5	4.92000	-57.37000	106.80000	-22.10000	-54.19000	106.80000	56	Surface	No	Yes
43	FH.6	-22.10000	-54.19000	106.80000	-24.98000	-52.40000	106.80000	26	Surface	No	Yes
44	PP.Sch.1	27.17000	-40.03000	106.80000	40.58000	-37.27000	106.80000	28	Surface	No	Yes
45	PP.Sch.2	29.53000	-51.47000	106.80000	27.17000	-40.03000	106.80000	24	Surface	No	Yes
46	PP.Sch.3	40.58000	-37.27000	106.80000	42.93000	-48.71000	106.80000	24	Surface	No	Yes
47	PP.Sch.4	42.93000	-48.71000	106.80000	29.53000	-51.47000	106.80000	28	Surface	No	Yes
48	PP.Sch.5	29.95000	-51.38000	106.80000	30.66000	-55.53000	106.80000	9	Surface	No	Yes
49	PP.Sch.6	43.37000	-52.92000	106.80000	42.60000	-48.78000	106.80000	9	Surface	No	Yes
50	PP.Sch.7	30.66000	-55.53000	106.80000	43.37000	-52.92000	106.80000	26	Surface	No	Yes
51	PP.Sch.8	30.66000	-55.53000	106.80000	31.67000	-60.43000	106.80000	11	Surface	No	Yes
52	PP.Sch.9	44.37000	-57.82000	106.80000	43.37000	-52.92000	106.80000	11	Surface	No	Yes
53	PP.Sch.10	44.37000	-60.43000	106.80000	44.37000	-57.82000	106.80000	26	Surface	No	Yes
54	GH.1	40.64000	-37.57000	106.80000	50.99000	-35.52000	106.80000	22	Surface	No	Yes
55	GH.2	50.99000	-35.52000	106.80000	51.55000	-37.98000	106.80000	6	Surface	No	Yes
56	GH.3	51.55000	-37.98000	106.80000	55.16000	-37.46000	106.80000	8	Surface	No	Yes
57	GH.4	55.16000	-37.46000	106.80000	58.17000	-52.75000	106.80000	32	Surface	No	Yes
58	GH.5	58.17000	-52.75000	106.80000	57.11000	-53.02000	106.80000	3	Surface	No	Yes
59	GH.6	57.11000	-53.02000	106.80000	57.97000	-57.21000	106.80000	9	Surface	No	Yes
60	GH.7	57.97000	-57.21000	106.80000	53.71000	-58.07000	106.80000	9	Surface	No	Yes
61	GH.8	53.71000	-58.07000	106.80000	52.12000	-50.28000	106.80000	16	Surface	No	Yes
62	GH.9	52.12000	-50.28000	106.80000	43.20000	-52.05000	106.80000	19	Surface	No	Yes
63	27.BLR.1	5.43000	57.47000	106.80000	-13.45000	56.86000	106.80000	9	Surface	No	Yes
64	27.BLR.2	5.43000	49.32000	106.80000	5.43000	57.47000	106.80000	17	Surface	No	Yes
65	27.BLR.3	3.28000	49.32000	106.80000	5.43000	49.32000	106.80000	5	Surface	No	Yes
66	27.BLR.4	3.26000	32.61000	106.80000	3.28000	49.32000	106.80000	34	Surface	No	Yes
67	27.BLR.5	-13.35000	32.54000	106.80000	3.26000	32.61000	106.80000	34	Surface	No	Yes
68	27.BLR.6	-13.29000	42.10000	106.80000	-13.35000	32.54000	106.80000	20	Surface	No	Yes
69	27.BLR.7	-11.75000	42.04000	106.80000	-13.29000	42.10000	106.80000	4	Surface	No	Yes
70	27.BLR.8	-11.65000	51.49000	106.80000	-11.75000	42.04000	106.80000	19	Surface	No	Yes
71	27.BLR.9	-13.52000	51.57000	106.80000	-11.65000	51.49000	106.80000	4	Surface	No	Yes
72	27.BLR.10	-13.45000	56.86000	106.80000	-13.52000	51.57000	106.80000	11	Surface	No	Yes
73	25.BLR.1	-5.31000	78.56000	106.80000	1.05000	78.56000	106.80000	13	Surface	No	Yes
74	25.BLR.2	1.05000	78.56000	106.80000	0.98000	75.16000	106.80000	7	Surface	No	Yes
75	25.BLR.3	0.98000	75.16000	106.80000	6.14000	75.12000	106.80000	11	Surface	No	Yes
76	25.BLR.4	6.14000	75.12000	106.80000	5.92000	60.51000	106.80000	30	Surface	No	Yes
77	25.BLR.5	5.92000	60.51000	106.80000	2.44000	60.57000	106.80000	7	Surface	No	Yes
78	25.BLR.6	2.44000	60.57000	106.80000	2.46000	61.58000	106.80000	3	Surface	No	Yes
79	25.BLR.7	2.46000	61.58000	106.80000	-7.28000	61.73000	106.80000	20	Surface	No	Yes
80	25.BLR.8	-7.28000	61.73000	106.80000	-7.19000	67.60000	106.80000	12	Surface	No	Yes
81	25.BLR.9	-7.19000	67.60000	106.80000	-5.43000	67.63000	106.80000	4	Surface	No	Yes
82	25.BLR.10	-5.43000	67.63000	106.80000	-5.31000	78.65000	106.80000	23	Surface	No	Yes
83	23.BLR.1	12.12000	105.18000	106.80000	-6.63000	108.65000	106.80000	38	Surface	No	Yes
84	23.BLR.2	10.63000	86.23000	106.80000	15.72000	105.18000	106.80000	40	Surface	No	Yes
85	23.BLR.3	8.99000	86.58000	106.80000	10.63000	86.23000	106.80000	4	Surface	No	Yes
86	23.BLR.4	7.56000	79.23000	106.80000	8.99000	86.58000	106.80000	15	Surface	No	Yes
87	23.BLR.5	-3.85000	80.93000	106.80000	7.56000	79.23000	106.80000	24	Surface	No	Yes

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 20-Sep-2024	Checked Date

Ref.	Name	x1	y1	z1	x2	y2	z2	Intervals	Surface type for tunnels	Interpolate imported displacements	Calculate
88	23.BLR.6	-0.21000	103.06000	106.80000	-3.85000	80.93000	106.80000	45	Surface	No	Yes
89	23.BLR.7	-3.57000	103.72000	106.80000	-0.21000	103.06000	106.80000	7	Surface	No	Yes
90	23.BLR.8	-2.63000	108.65000	106.80000	-3.57000	103.72000	106.80000	11	Surface	No	Yes
91	21.BLR.1	16.46000	127.30000	106.80000	3.53000	130.23000	106.80000	27	Surface	No	Yes
92	21.BLR.2	13.15000	111.25000	106.80000	16.46000	127.30000	106.80000	33	Surface	No	Yes
93	21.BLR.3	7.06000	112.63000	106.80000	13.15000	111.25000	106.80000	13	Surface	No	Yes
94	21.BLR.4	7.79000	116.16000	106.80000	7.06000	112.63000	106.80000	8	Surface	No	Yes
95	21.BLR.5	0.34000	117.81000	106.80000	7.79000	116.16000	106.80000	16	Surface	No	Yes
96	21.BLR.6	3.53000	130.23000	106.80000	0.34000	117.81000	106.80000	26	Surface	No	Yes
97	19.BLR.1	25.41000	154.93000	106.80000	19.86000	156.76000	106.80000	12	Surface	No	Yes
98	19.BLR.2	19.68000	136.44000	106.80000	25.41000	154.93000	106.80000	39	Surface	No	Yes
99	19.BLR.3	12.32000	138.92000	106.80000	19.68000	136.44000	106.80000	16	Surface	No	Yes
100	19.BLR.4	12.50000	139.53000	106.80000	12.32000	138.92000	106.80000	2	Surface	No	Yes
101	19.BLR.5	6.10000	141.59000	106.80000	12.50000	139.53000	106.80000	14	Surface	No	Yes
102	19.BLR.6	10.69000	156.14000	106.80000	6.10000	141.59000	106.80000	31	Surface	No	Yes
103	19.BLR.7	18.70000	153.46000	106.80000	10.69000	156.14000	106.80000	17	Surface	No	Yes
104	19.BLR.8	19.86000	156.76000	106.80000	18.70000	153.46000	106.80000	7	Surface	No	Yes
105	Highway 1	-33.76000	29.73000	106.80000	-33.72000	-35.44000	106.80000	65	Surface	No	Yes
106	Highway 2	-38.72000	-35.44000	106.80000	55.08000	-23.92000	106.80000	95	Surface	No	Yes

Displacement Grids

Ref.	Name	Extrusion Direction	Base line start: X	Base line start: Y	Base line Z (level)	Base line end: X	Base line end: Y	Base line end: Z (level)	Base line Intervals	Extrusion Distance	Extrusion Intervals	Surface type for tunnels	Calculate
			[m]	[m]	[m]	[m]	[m]	[m]	[No.]	[m]	[No.]		
1	Grid	Global X	-95.50000	-90.14000	106.80000	-	170.45000	106.80000	139	277.33000	139	Surface	Yes

Imported Displacements

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]
1	3244 Loading Long Term 02.pdd - Immediate	1	-61.43000	63.57000	106.80000	0.00000	0.00000	0.01228 1,2,6
		2	-60.94409	63.45455	106.80000	0.00000	0.00000	0.01290 1,2,6
		3	-60.45818	63.33909	106.80000	0.00000	0.00000	0.01354 1,2,6
		4	-59.97227	63.22364	106.80000	0.00000	0.00000	0.01420 1,2,6
		5	-59.48636	63.10818	106.80000	0.00000	0.00000	0.01487 1,2,6
		6	-59.00045	62.99273	106.80000	0.00000	0.00000	0.01555 1,2,6
		7	-58.51455	62.87727	106.80000	0.00000	0.00000	0.01626 1,2,6
		8	-58.02864	62.76182	106.80000	0.00000	0.00000	0.01698 1,2,6
		9	-57.54273	62.64636	106.80000	0.00000	0.00000	0.01772 1,2,6
		10	-57.05682	62.53091	106.80000	0.00000	0.00000	0.01848 1,2,6
		11	-56.57091	62.41545	106.80000	0.00000	0.00000	0.01925 1,2,6
		12	-56.08500	62.30000	106.80000	0.00000	0.00000	0.02005 1,2,6
		13	-55.59909	62.18455	106.80000	0.00000	0.00000	0.02086 1,2,6
		14	-55.11318	62.06909	106.80000	0.00000	0.00000	0.02170 1,2,6
		15	-54.62727	61.95364	106.80000	0.00000	0.00000	0.02255 1,2,6
		16	-54.14136	61.83818	106.80000	0.00000	0.00000	0.02343 1,2,6
		17	-53.65545	61.72273	106.80000	0.00000	0.00000	0.02433 1,2,6
		18	-53.16955	61.60727	106.80000	0.00000	0.00000	0.02524 1,2,6
		19	-52.68364	61.49182	106.80000	0.00000	0.00000	0.02618 1,2,6
		20	-52.19773	61.37636	106.80000	0.00000	0.00000	0.02715 1,2,6
		21	-51.71182	61.26091	106.80000	0.00000	0.00000	0.02813 1,2,6
		22	-51.22591	61.14545	106.80000	0.00000	0.00000	0.02914 1,2,6
		23	-50.74000	61.03000	106.80000	0.00000	0.00000	0.03016 1,2,6
		24	-50.84385	60.56538	106.80000	0.00000	0.00000	0.03101 1,2,6
		25	-50.94769	60.10077	106.80000	0.00000	0.00000	0.03188 1,2,6
		26	-51.05154	59.63615	106.80000	0.00000	0.00000	0.03275 1,2,6
		27	-51.15538	59.17154	106.80000	0.00000	0.00000	0.03364 1,2,6
		28	-51.25923	58.70692	106.80000	0.00000	0.00000	0.03455 1,2,6
		29	-51.36308	58.24231	106.80000	0.00000	0.00000	0.03546 1,2,6
		30	-51.46692	57.77769	106.80000	0.00000	0.00000	0.03639 1,2,6
		31	-51.57077	57.31308	106.80000	0.00000	0.00000	0.03733 1,2,6
		32	-51.67462	56.84846	106.80000	0.00000	0.00000	0.03829 1,2,6
		33	-51.77846	56.38385	106.80000	0.00000	0.00000	0.03926 1,2,6
		34	-51.88231	55.91923	106.80000	0.00000	0.00000	0.04024 1,2,6
		35	-51.98615	55.45462	106.80000	0.00000	0.00000	0.04124 1,2,6
		36	-52.09000	54.99000	106.80000	0.00000	0.00000	0.04224 1,2,6
		37	-52.43500	55.07500	106.80000	0.00000	0.00000	0.04123 1,2,6
		38	-52.78000	55.16000	106.80000	0.00000	0.00000	0.04024 1,2,6
		39	-52.88364	54.71364	106.80000	0.00000	0.00000	0.04117 1,2,6
		40	-52.98727	54.26727	106.80000	0.00000	0.00000	0.04211 1,2,6
		41	-53.09091	53.82091	106.80000	0.00000	0.00000	0.04306 1,2,6
		42	-53.19455	53.37455	106.80000	0.00000	0.00000	0.04402 1,2,6
		43	-53.29818	52.92818	106.80000	0.00000	0.00000	0.04499 1,2,6
		44	-53.40182	52.48182	106.80000	0.00000	0.00000	0.04597 1,2,6
		45	-53.50545	52.03545	106.80000	0.00000	0.00000	0.04696 1,2,6
		46	-53.60909	51.58909	106.80000	0.00000	0.00000	0.04796 1,2,6
		47	-53.71273	51.14273	106.80000	0.00000	0.00000	0.04897 1,2,6
		48	-53.81636	50.69636	106.80000	0.00000	0.00000	0.04999 1,2,6
		49	-53.92000	50.25000	106.80000	0.00000	0.00000	0.05102 1,2,6
		50	-54.40231	50.36385	106.80000	0.00000	0.00000	0.04933 1,2,6
		51	-54.88462	50.47769	106.80000	0.00000	0.00000	0.04767 1,2,6
		52	-55.36692	50.59154	106.80000	0.00000	0.00000	0.04606 1,2,6
		53	-55.84923	50.70538	106.80000	0.00000	0.00000	0.04449 1,2,6
		54	-56.33154	50.81923	106.80000	0.00000	0.00000	0.04297 1,2,6
		55	-56.81385	50.93308	106.80000	0.00000	0.00000	0.04148 1,2,6
		56	-57.29615	51.04692	106.80000	0.00000	0.00000	0.04003 1,2,6
		57	-57.77846	51.16077	106.80000	0.00000	0.00000	0.03862 1,2,6
		58	-58.26077	51.27462	106.80000	0.00000	0.00000	0.03725 1,2,6
		59	-58.74308	51.38846	106.80000	0.00000	0.00000	0.03591 1,2,6
		60	-59.22538	51.50231	106.80000	0.00000	0.00000	0.03461 1,2,6
		61	-59.70769	51.61615	106.80000	0.00000	0.00000	0.03335 1,2,6
		62	-60.19000	51.73000	106.80000	0.00000	0.00000	0.03211 1,2,6
		63	-60.67600	52.21300	106.80000	0.00000	0.00000	0.03140 1,2,6
		64	-59.96200	52.69600	106.80000	0.00000	0.00000	0.03069 1,2,6
		65	-59.84800	53.17900	106.80000	0.00000	0.00000	0.02999 1,2,6
		66	-59.73400	53.66200	106.80000	0.00000	0.00000	0.02930 1,2,6
		67	-59.62000	54.14500	106.80000	0.00000	0.00000	0.02861 1,2,6
		68	-59.50600	54.62800	106.80000	0.00000	0.00000	0.02793 1,2,6
		69	-59.39200	55.11100	106.80000	0.00000	0.00000	0.02725 1,2,6
		70	-59.27800	55.59400	106.80000	0.00000	0.00000	0.02659 1,2,6
		71	-59.16400	56.07700	106.80000	0.00000	0.00000	0.02592 1,2,6
		72	-59.05000	56.56000	106.80000	0.00000	0.00000	0.02527 1,2,6
		73	-59.53000	56.67500	106.80000	0.00000	0.00000	0.02430 1,2,6
		74	-60.01000	56.79000	106.80000	0.00000	0.00000	0.02335 1,2,6
		75	-60.49000	56.90500	106.80000	0.00000	0.00000	0.02243 1,2,6
		76	-60.97000	57.02000	106.80000	0.00000	0.00000	0.02153 1,2,6
		77	-61.45000	57.13500	106.80000	0.00000	0.00000	0.02065 1,2,6
		78	-61.93000	57.25000	106.80000	0.00000	0.00000	0.01980 1,2,6
		79	-62.41000	57.36500	106.80000	0.00000	0.00000	0.01897 1,2,6
		80	-62.89000	57.48000	106.80000	0.00000	0.00000	0.01816 1,2,6
		81	-62.77769	57.94846	106.80000	0.00000	0.00000	0.01768 1,2,6
		82	-62.66538	58.41692	106.80000	0.00000	0.00000	0.01720 1,2,6
		83	-62.55308	58.88538	106.80000	0.00000	0.00000	0.01673 1,2,6
		84	-62.44077	59.35385	106.80000	0.00000	0.00000	0.01627 1,2,6
		85	-62.32846	59.82231	106.80000	0.00000	0.00000	0.01580 1,2,6
		86	-62.21615	60.29077	106.80000	0.00000	0.00000	0.01535 1,2,6
		87	-62.10385	60.75923	106.80000	0.00000	0.00000	0.01489 1,2,6
		88	-61.99154	61.22769	106.80000	0.00000	0.00000	0.01445 1,2,6

Oasys								Job No.	Sheet No.	Rev.			
								Drg. Ref.					
								Made by	Date 20-Sep-2024	Checked	Date		
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]					
		89	-61.87923	61.69615	106.80000	0.00000	0.00000	0.01400	1,2,6				
		90	-61.76692	62.16462	106.80000	0.00000	0.00000	0.01357	1,2,6				
		91	-61.65462	62.63308	106.80000	0.00000	0.00000	0.01313	1,2,6				
		92	-61.54231	63.10154	106.80000	0.00000	0.00000	0.01271	1,2,6				
		93	-60.43000	32.30000	106.80000	0.00000	0.00000	0.08312	1,2,6				
		94	-59.95882	32.30471	106.80000	0.00000	0.00000	0.08569	1,2,6				
		95	-59.48765	32.30941	106.80000	0.00000	0.00000	0.08832	1,2,6				
		96	-59.01647	32.31412	106.80000	0.00000	0.00000	0.09102	1,2,6				
		97	-58.54529	32.31882	106.80000	0.00000	0.00000	0.09379	1,2,6				
		98	-58.07412	32.32353	106.80000	0.00000	0.00000	0.09664	1,2,6				
		99	-57.60294	32.32824	106.80000	0.00000	0.00000	0.09955	1,2,6				
		100	-57.13176	32.33294	106.80000	0.00000	0.00000	0.10254	1,2,6				
		101	-56.66059	32.33765	106.80000	0.00000	0.00000	0.10561	1,2,6				
		102	-56.18941	32.34235	106.80000	0.00000	0.00000	0.10876	1,2,6				
		103	-55.71824	32.34706	106.80000	0.00000	0.00000	0.11199	1,2,6				
		104	-55.24706	32.35176	106.80000	0.00000	0.00000	0.11529	1,2,6				
		105	-54.77588	32.35647	106.80000	0.00000	0.00000	0.11869	1,2,6				
		106	-54.30471	32.36118	106.80000	0.00000	0.00000	0.12217	1,2,6				
		107	-53.83353	32.36588	106.80000	0.00000	0.00000	0.12573	1,2,6				
		108	-53.36235	32.37059	106.80000	0.00000	0.00000	0.12939	1,2,6				
		109	-52.89118	32.37529	106.80000	0.00000	0.00000	0.13314	1,2,6				
		110	-52.42000	32.38000	106.80000	0.00000	0.00000	0.13698	1,2,6				
		111	-52.41897	31.88077	106.80000	0.00000	0.00000	0.13994	1,2,6				
		112	-52.41795	31.38154	106.80000	0.00000	0.00000	0.14294	1,2,6				
		113	-52.41692	30.88231	106.80000	0.00000	0.00000	0.14598	1,2,6				
		114	-52.41590	30.38308	106.80000	0.00000	0.00000	0.14904	1,2,6				
		115	-52.41487	29.88385	106.80000	0.00000	0.00000	0.15213	1,2,6				
		116	-52.41385	29.38462	106.80000	0.00000	0.00000	0.15526	1,2,6				
		117	-52.41282	28.88538	106.80000	0.00000	0.00000	0.15841	1,2,6				
		118	-52.41179	28.38615	106.80000	0.00000	0.00000	0.16159	1,2,6				
		119	-52.41077	27.88692	106.80000	0.00000	0.00000	0.16479	1,2,6				
		120	-52.40974	27.38769	106.80000	0.00000	0.00000	0.16802	1,2,6				
		121	-52.40872	26.88846	106.80000	0.00000	0.00000	0.17127	1,2,6				
		122	-52.40769	26.38923	106.80000	0.00000	0.00000	0.17454	1,2,6				
		123	-52.40667	25.89000	106.80000	0.00000	0.00000	0.17783	1,2,6				
		124	-52.40564	25.39077	106.80000	0.00000	0.00000	0.18114	1,2,6				
		125	-52.40462	24.89154	106.80000	0.00000	0.00000	0.18446	1,2,6				
		126	-52.40359	24.39231	106.80000	0.00000	0.00000	0.18780	1,2,6				
		127	-52.40256	23.89308	106.80000	0.00000	0.00000	0.19115	1,2,6				
		128	-52.40154	23.39385	106.80000	0.00000	0.00000	0.19451	1,2,6				
		129	-52.40051	22.89462	106.80000	0.00000	0.00000	0.19788	1,2,6				
		130	-52.39949	22.39538	106.80000	0.00000	0.00000	0.20126	1,2,6				
		131	-52.39846	21.89615	106.80000	0.00000	0.00000	0.20464	1,2,6				
		132	-52.39744	21.39692	106.80000	0.00000	0.00000	0.20802	1,2,6				
		133	-52.39641	20.89769	106.80000	0.00000	0.00000	0.21141	1,2,6				
		134	-52.39538	20.39846	106.80000	0.00000	0.00000	0.21479	1,2,6				
		135	-52.39436	19.89923	106.80000	0.00000	0.00000	0.21816	1,2,6				
		136	-52.39333	19.40000	106.80000	0.00000	0.00000	0.22153	1,2,6				
		137	-52.39231	18.90077	106.80000	0.00000	0.00000	0.22488	1,2,6				
		138	-52.39128	18.40154	106.80000	0.00000	0.00000	0.22823	1,2,6				
		139	-52.39026	17.90231	106.80000	0.00000	0.00000	0.23155	1,2,6				
		140	-52.38923	17.40308	106.80000	0.00000	0.00000	0.23486	1,2,6				
		141	-52.38821	16.90385	106.80000	0.00000	0.00000	0.23815	1,2,6				
		142	-52.38718	16.40462	106.80000	0.00000	0.00000	0.24142	1,2,6				
		143	-52.38615	15.90538	106.80000	0.00000	0.00000	0.24465	1,2,6				
		144	-52.38513	15.40615	106.80000	0.00000	0.00000	0.24786	1,2,6				
		145	-52.38410	14.90692	106.80000	0.00000	0.00000	0.25104	1,2,6				
		146	-52.38308	14.40769	106.80000	0.00000	0.00000	0.25418	1,2,6				
		147	-52.38205	13.90846	106.80000	0.00000	0.00000	0.25729	1,2,6				
		148	-52.38103	13.40923	106.80000	0.00000	0.00000	0.26035	1,2,6				
		149	-52.38000	12.91000	106.80000	0.00000	0.00000	0.26337	1,2,6				
		150	-52.85000	12.91500	106.80000	0.00000	0.00000	0.25471	1,2,6				
		151	-53.32000	12.92000	106.80000	0.00000	0.00000	0.24635	1,2,6				
		152	-53.79000	12.92500	106.80000	0.00000	0.00000	0.23826	1,2,6				
		153	-54.26000	12.93000	106.80000	0.00000	0.00000	0.23044	1,2,6				
		154	-54.26125	12.48250	106.80000	0.00000	0.00000	0.23266	1,2,6				
		155	-54.26250	12.03500	106.80000	0.00000	0.00000	0.23485	1,2,6				
		156	-54.26375	11.58750	106.80000	0.00000	0.00000	0.23700	1,2,6				
		157	-54.26500	11.14000	106.80000	0.00000	0.00000	0.23911	1,2,6				
		158	-54.26625	10.69250	106.80000	0.00000	0.00000	0.24118	1,2,6				
		159	-54.26750	10.24500	106.80000	0.00000	0.00000	0.24321	1,2,6				
		160	-54.26875	9.79750	106.80000	0.00000	0.00000	0.24520	1,2,6				
		161	-54.27000	9.35000	106.80000	0.00000	0.00000	0.24714	1,2,6				
		162	-54.71286	9.35143	106.80000	0.00000	0.00000	0.23938	1,2,6				
		163	-55.15571	9.35286	106.80000	0.00000	0.00000	0.23187	1,2,6				
		164	-55.59857	9.35429	106.80000	0.00000	0.00000	0.22459	1,2,6				
		165	-56.04143	9.35571	106.80000	0.00000	0.00000	0.21755	1,2,6				
		166	-56.48429	9.35714	106.80000	0.00000	0.00000	0.21073	1,2,6				
		167	-56.92714	9.35857	106.80000	0.00000	0.00000	0.20413	1,2,6				
		168	-57.37000	9.36000	106.80000	0.00000	0.00000	0.19773	1,2,6				
		169	-57.37250	8.91250	106.80000	0.00000	0.00000	0.19915	1,2,6				
		170	-57.37500	8.46500	106.80000	0.00000	0.00000	0.20053	1,2,6				
		171	-57.37750	8.01750	106.80000	0.00000	0.00000	0.20188	1,2,6				
		172	-57.38000	7.57000	106.80000	0.00000	0.00000	0.20318	1,2,6				
		173	-57.86000	7.57429	106.80000	0.00000	0.00000	0.1962					

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Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]
		219	-67.41163	20.57535	106.80000	0.00000	0.00000	0.07586 1,2,6
		220	-67.40977	21.07209	106.80000	0.00000	0.00000	0.07487 1,2,6
		221	-67.40791	21.56884	106.80000	0.00000	0.00000	0.07388 1,2,6
		222	-67.40605	22.06558	106.80000	0.00000	0.00000	0.07288 1,2,6
		223	-67.40419	22.56233	106.80000	0.00000	0.00000	0.07187 1,2,6
		224	-67.40233	23.05907	106.80000	0.00000	0.00000	0.07086 1,2,6
		225	-67.40047	23.55581	106.80000	0.00000	0.00000	0.06985 1,2,6
		226	-67.39860	24.05256	106.80000	0.00000	0.00000	0.06883 1,2,6
		227	-67.39674	24.54930	106.80000	0.00000	0.00000	0.06781 1,2,6
		228	-67.39488	25.04605	106.80000	0.00000	0.00000	0.06679 1,2,6
		229	-67.39302	25.54279	106.80000	0.00000	0.00000	0.06577 1,2,6
		230	-67.39116	26.03953	106.80000	0.00000	0.00000	0.06475 1,2,6
		231	-67.38930	26.53628	106.80000	0.00000	0.00000	0.06372 1,2,6
		232	-67.38744	27.03302	106.80000	0.00000	0.00000	0.06270 1,2,6
		233	-67.38558	27.52977	106.80000	0.00000	0.00000	0.06168 1,2,6
		234	-67.38372	28.02651	106.80000	0.00000	0.00000	0.06066 1,2,6
		235	-67.38186	28.52326	106.80000	0.00000	0.00000	0.05964 1,2,6
		236	-67.38000	29.02000	106.80000	0.00000	0.00000	0.05862 1,2,6
		237	-66.88571	29.01429	106.80000	0.00000	0.00000	0.06071 1,2,6
		238	-66.39143	29.00857	106.80000	0.00000	0.00000	0.06287 1,2,6
		239	-65.89714	29.00286	106.80000	0.00000	0.00000	0.06509 1,2,6
		240	-65.40286	28.99714	106.80000	0.00000	0.00000	0.06738 1,2,6
		241	-64.90857	28.99143	106.80000	0.00000	0.00000	0.06973 1,2,6
		242	-64.41429	28.98571	106.80000	0.00000	0.00000	0.07216 1,2,6
		243	-63.92000	28.98000	106.80000	0.00000	0.00000	0.07465 1,2,6
		244	-63.42571	28.97429	106.80000	0.00000	0.00000	0.07712 1,2,6
		245	-62.93143	28.96857	106.80000	0.00000	0.00000	0.07987 1,2,6
		246	-62.43714	28.96286	106.80000	0.00000	0.00000	0.08259 1,2,6
		247	-61.94286	28.95714	106.80000	0.00000	0.00000	0.08539 1,2,6
		248	-61.44857	28.95143	106.80000	0.00000	0.00000	0.08828 1,2,6
		249	-60.95429	28.94571	106.80000	0.00000	0.00000	0.09125 1,2,6
		250	-60.46000	28.94000	106.80000	0.00000	0.00000	0.09430 1,2,6
		251	-60.45571	29.42000	106.80000	0.00000	0.00000	0.09268 1,2,6
		252	-60.45143	29.90000	106.80000	0.00000	0.00000	0.09106 1,2,6
		253	-60.44714	30.38000	106.80000	0.00000	0.00000	0.08946 1,2,6
		254	-60.44286	30.86000	106.80000	0.00000	0.00000	0.08786 1,2,6
		255	-60.43857	31.34000	106.80000	0.00000	0.00000	0.08627 1,2,6
		256	-60.43429	31.82000	106.80000	0.00000	0.00000	0.08469 1,2,6
		257	-61.21000	6.41000	106.80000	0.00000	0.00000	0.15636 1,2,6
		258	-60.71813	6.35813	106.80000	0.00000	0.00000	0.16215 1,2,6
		259	-60.22625	6.30625	106.80000	0.00000	0.00000	0.16816 1,2,6
		260	-59.73438	6.25438	106.80000	0.00000	0.00000	0.17438 1,2,6
		261	-59.24250	6.20250	106.80000	0.00000	0.00000	0.18084 1,2,6
		262	-58.75062	6.15062	106.80000	0.00000	0.00000	0.18753 1,2,6
		263	-58.25875	6.09875	106.80000	0.00000	0.00000	0.19448 1,2,6
		264	-57.76687	6.04687	106.80000	0.00000	0.00000	0.20168 1,2,6
		265	-57.27500	5.99500	106.80000	0.00000	0.00000	0.20915 1,2,6
		266	-56.78312	5.94313	106.80000	0.00000	0.00000	0.21691 1,2,6
		267	-56.29125	5.89125	106.80000	0.00000	0.00000	0.22496 1,2,6
		268	-55.79938	5.83938	106.80000	0.00000	0.00000	0.23331 1,2,6
		269	-55.30750	5.78750	106.80000	0.00000	0.00000	0.24199 1,2,6
		270	-54.81563	5.73562	106.80000	0.00000	0.00000	0.25099 1,2,6
		271	-54.32375	5.68375	106.80000	0.00000	0.00000	0.26034 1,2,6
		272	-53.83188	5.63187	106.80000	0.00000	0.00000	0.27006 1,2,6
		273	-53.34000	5.58000	106.80000	0.00000	0.00000	0.28015 1,2,6
		274	-53.38750	5.11917	106.80000	0.00000	0.00000	0.28082 1,2,6
		275	-53.43500	4.65833	106.80000	0.00000	0.00000	0.28142 1,2,6
		276	-53.48250	4.19750	106.80000	0.00000	0.00000	0.28193 1,2,6
		277	-53.53000	3.73667	106.80000	0.00000	0.00000	0.28237 1,2,6
		278	-53.57750	3.27583	106.80000	0.00000	0.00000	0.28273 1,2,6
		279	-53.62500	2.81500	106.80000	0.00000	0.00000	0.28300 1,2,6
		280	-53.67250	2.35417	106.80000	0.00000	0.00000	0.28320 1,2,6
		281	-53.72000	1.89333	106.80000	0.00000	0.00000	0.28331 1,2,6
		282	-53.76750	1.43250	106.80000	0.00000	0.00000	0.28335 1,2,6
		283	-53.81500	0.97167	106.80000	0.00000	0.00000	0.28330 1,2,6
		284	-53.86250	0.51083	106.80000	0.00000	0.00000	0.28317 1,2,6
		285	-53.91000	0.05000	106.80000	0.00000	0.00000	0.28296 1,2,6
		286	-53.43667	-0.01833	106.80000	0.00000	0.00000	0.29321 1,2,6
		287	-52.96333	-0.08667	106.80000	0.00000	0.00000	0.30385 1,2,6
		288	-52.49000	-0.15500	106.80000	0.00000	0.00000	0.31489 1,2,6
		289	-52.01667	-0.22333	106.80000	0.00000	0.00000	0.32637 1,2,6
		290	-51.54333	-0.29167	106.80000	0.00000	0.00000	0.33828 1,2,6
		291	-51.07000	-0.36000	106.80000	0.00000	0.00000	0.35066 1,2,6
		292	-51.10818	-0.82455	106.80000	0.00000	0.00000	0.35052 1,2,6
		293	-51.14636	-1.28909	106.80000	0.00000	0.00000	0.35027 1,2,6
		294	-51.18454	-1.75364	106.80000	0.00000	0.00000	0.34991 1,2,6
		295	-51.22273	-2.21818	106.80000	0.00000	0.00000	0.34945 1,2,6
		296	-51.26091	-2.68273	106.80000	0.00000	0.00000	0.34888 1,2,6
		297	-51.29909	-3.14727	106.80000	0.00000	0.00000	0.34820 1,2,6
		298	-51.33727	-3.61182	106.80000	0.00000	0.00000	0.34742 1,2,6
		299	-51.37545	-4.07636	106.80000	0.00000	0.00000	0.34654 1,2,6
		300	-51.41364	-4.54091	106.80000	0.00000	0.00000	0.34555 1,2,6
		301	-51.45182	-5.00545	106.80000	0.00000	0.00000	0.34446 1,2,6
		302	-51.49000	-5.47000	106.80000	0.00000	0.00000	0.34326 1,2,6
		303	-51.97364	-5.42545	106.80000	0.00000	0.00000	0.33098 1,2,6
		304	-52.45727	-5.38091	106.80000	0.00000	0.00000	0.31917 1,2,6
		305	-52.94091	-5.33636	106.80000	0.00000	0.00000	0.30780 1,2,6
		306	-53.42455	-5.29182	106.80000	0.00000	0.00000	0.29686 1,2,6
		307	-53.90818	-5.24727	106.80000	0.00000	0.00000	0.28633 1,2,6
		308	-54.39182	-5.20273	106.80000	0.00000	0.00000	0.27619 1,2,6
		309	-54.87545	-5.15818	106.80000	0.00000	0.00000	0.26642 1,2,6
		310	-55.35909	-5.11364	106.80000	0.00000	0.00000	0.25702 1,2,6
		311	-55.84273	-5.06909	106.80000	0.00000	0.00000	0.24796 1,2,6
		312	-56.32636	-5.02455	106.80000	0.00000	0.00000	0.23923 1,2,6
		313	-56.81000	-4.98000	106.80000	0.00000	0.00000	0.23081 1,2,6
		314	-57.29364	-4.93545	106.80000	0.00000	0.00000	0.22270 1,2,6
		315	-57.77727	-4.89091	106.80000	0.00000	0.00000	0.21488 1,2,6
		316	-58.26091	-4.84636	106.80000	0.00000	0.00000	0.20734 1,2,6
		317	-58.74455	-4.80182	106.80000	0.00000	0.00000	0.20007 1,2,6
		318	-59.22818	-4.75727	106.80000	0.00000	0.00000	0.19306 1,2,6
		319	-59.71182	-4.71273	106.80000	0.00000	0.00000	0.18629 1,2,6
		320	-60.19545	-4.66818	106.80000	0.00000	0.00000	0.17977 1,2,6
		321	-60.67909	-4.62364	106.80000	0.00000	0.00000	0.17347 1,2,6
		322	-61.16273	-4.57909	106.80000	0.00000	0.00000	0.16739 1,2,6
		323	-61.64636	-4.53455	106.80000	0.00000	0.00000	0.16152 1,2,6
		324	-62.13000	-4.49000	106.80000	0.00000	0.00000	0.15586 1,2,6
		325	-62.08818	-3.99455	106.80000	0.00000	0.00000	0.15637 1,2,6
		326	-62.04636	-3.49909	106.80000	0.00000	0.00000	0.15683 1,2,6
		327	-62.00455	-3.00364	106.80000	0.00000	0.00000	0.15724 1,2,6
		328	-61.96273	-2.50818	106.80000	0.00000	0.00000	0.15761 1,2,6
		329	-61.92091	-2.01273	106.80000	0.00000	0.00000	0.15793 1,2,6
		330	-61.87909	-1.51727	106.80000	0.00000	0.00000	0.15821 1,2,6
		331	-61.83727	-1.02182	106.80000	0.00000	0.00000	0.15844 1,2,6
		332	-61.79545	-0.52636	106.80000	0.00000	0.00000	0.15863 1,2,6
		333	-61.75364	-0.03091	106.80000	0.00000	0.00000	0.15877 1,2,6
		334	-61.71182	0.46455	106.80000	0.00000	0.00000	0.15886 1,2,6
		335	-61.67000	0.96000	106.80000	0.00000	0.00000	0.15890 1,2,6
		336	-					

Oasys								Job No.	Sheet No.	Rev.			
								Drg. Ref.					
								Made by	Date 20-Sep-2024	Checked	Date		
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]					
		349	-53.48929	-8.45929	106.80000	0.00000	0.00000	0.29207	1,2,6				
		350	-53.93571	-8.30571	106.80000	0.00000	0.00000	0.28273	1,2,6				
		351	-54.38214	-8.15214	106.80000	0.00000	0.00000	0.27369	1,2,6				
		352	-54.82857	-7.99857	106.80000	0.00000	0.00000	0.26495	1,2,6				
		353	-55.27500	-7.84500	106.80000	0.00000	0.00000	0.25649	1,2,6				
		354	-55.72143	-7.69143	106.80000	0.00000	0.00000	0.24830	1,2,6				
		355	-56.16786	-7.53786	106.80000	0.00000	0.00000	0.24037	1,2,6				
		356	-56.61429	-7.38429	106.80000	0.00000	0.00000	0.23270	1,2,6				
		357	-57.06071	-7.23071	106.80000	0.00000	0.00000	0.22527	1,2,6				
		358	-57.50714	-7.07714	106.80000	0.00000	0.00000	0.21807	1,2,6				
		359	-57.95357	-6.92357	106.80000	0.00000	0.00000	0.21111	1,2,6				
		360	-58.40000	-6.77000	106.80000	0.00000	0.00000	0.20437	1,2,6				
		361	-55.69000	-19.65000	106.80000	0.00000	0.00000	0.21365	1,2,6				
		362	-55.53609	-19.18348	106.80000	0.00000	0.00000	0.21811	1,2,6				
		363	-55.38217	-18.71696	106.80000	0.00000	0.00000	0.22262	1,2,6				
		364	-55.22826	-18.25043	106.80000	0.00000	0.00000	0.22716	1,2,6				
		365	-55.07435	-17.78391	106.80000	0.00000	0.00000	0.23174	1,2,6				
		366	-54.92043	-17.31739	106.80000	0.00000	0.00000	0.23635	1,2,6				
		367	-54.76652	-16.85087	106.80000	0.00000	0.00000	0.24099	1,2,6				
		368	-54.61261	-16.38435	106.80000	0.00000	0.00000	0.24567	1,2,6				
		369	-54.45870	-15.91783	106.80000	0.00000	0.00000	0.25037	1,2,6				
		370	-54.30478	-15.45130	106.80000	0.00000	0.00000	0.25509	1,2,6				
		371	-54.15087	-14.98478	106.80000	0.00000	0.00000	0.25984	1,2,6				
		372	-53.99696	-14.51826	106.80000	0.00000	0.00000	0.26460	1,2,6				
		373	-53.84304	-14.05174	106.80000	0.00000	0.00000	0.26938	1,2,6				
		374	-53.68913	-13.58522	106.80000	0.00000	0.00000	0.27417	1,2,6				
		375	-53.53522	-13.11870	106.80000	0.00000	0.00000	0.27897	1,2,6				
		376	-53.38130	-12.65217	106.80000	0.00000	0.00000	0.28378	1,2,6				
		377	-53.22739	-12.18565	106.80000	0.00000	0.00000	0.28859	1,2,6				
		378	-53.07348	-11.71913	106.80000	0.00000	0.00000	0.29340	1,2,6				
		379	-52.91957	-11.25261	106.80000	0.00000	0.00000	0.29820	1,2,6				
		380	-52.76565	-10.78609	106.80000	0.00000	0.00000	0.30300	1,2,6				
		381	-52.61174	-10.31957	106.80000	0.00000	0.00000	0.30778	1,2,6				
		382	-52.45783	-9.85304	106.80000	0.00000	0.00000	0.31255	1,2,6				
		383	-52.30391	-9.38652	106.80000	0.00000	0.00000	0.31730	1,2,6				
		384	-55.06000	-20.13000	106.80000	0.00000	0.00000	0.22127	1,2,6				
		385	-55.37500	-19.89000	106.80000	0.00000	0.00000	0.21744	1,2,6				
		386	-57.72000	-24.63000	106.80000	0.00000	0.00000	0.16443	1,2,6				
		387	-57.47818	-24.22091	106.80000	0.00000	0.00000	0.16904	1,2,6				
		388	-57.23636	-23.81182	106.80000	0.00000	0.00000	0.17376	1,2,6				
		389	-56.99455	-23.40273	106.80000	0.00000	0.00000	0.17858	1,2,6				
		390	-56.75273	-22.99364	106.80000	0.00000	0.00000	0.18351	1,2,6				
		391	-56.51091	-22.58455	106.80000	0.00000	0.00000	0.18856	1,2,6				
		392	-56.26909	-22.17545	106.80000	0.00000	0.00000	0.19372	1,2,6				
		393	-56.02727	-21.76636	106.80000	0.00000	0.00000	0.19900	1,2,6				
		394	-55.78545	-21.35727	106.80000	0.00000	0.00000	0.20439	1,2,6				
		395	-55.54364	-20.94818	106.80000	0.00000	0.00000	0.20990	1,2,6				
		396	-55.30182	-20.53909	106.80000	0.00000	0.00000	0.21553	1,2,6				
		397	-56.50000	-25.47000	106.80000	0.00000	0.00000	0.17500	1,2,6				
		398	-56.90667	-25.19000	106.80000	0.00000	0.00000	0.17144	1,2,6				
		399	-57.31333	-24.91000	106.80000	0.00000	0.00000	0.16792	1,2,6				
		400	-57.82000	-27.66000	106.80000	0.00000	0.00000	0.14995	1,2,6				
		401	-57.60000	-27.29500	106.80000	0.00000	0.00000	0.15389	1,2,6				
		402	-57.38000	-26.93000	106.80000	0.00000	0.00000	0.15793	1,2,6				
		403	-57.16000	-26.56500	106.80000	0.00000	0.00000	0.16206	1,2,6				
		404	-56.94000	-26.20000	106.80000	0.00000	0.00000	0.16628	1,2,6				
		405	-56.72000	-25.83500	106.80000	0.00000	0.00000	0.17059	1,2,6				
		406	-56.50000	-25.47000	106.80000	0.00000	0.00000	0.17500	1,2,6				
		407	-56.86750	-28.31250	106.80000	0.00000	0.00000	0.15689	1,2,6				
		408	-57.18500	-28.09500	106.80000	0.00000	0.00000	0.15456	1,2,6				
		409	-57.50250	-27.87750	106.80000	0.00000	0.00000	0.15225	1,2,6				
		410	-63.49000	-39.35000	106.80000	0.00000	0.00000	0.06784	1,2,6				
		411	-63.22308	-38.93385	106.80000	0.00000	0.00000	0.07023	1,2,6				
		412	-62.95615	-38.51769	106.80000	0.00000	0.00000	0.07269	1,2,6				
		413	-62.68923	-38.10154	106.80000	0.00000	0.00000	0.07523	1,2,6				
		414	-62.42231	-37.68538	106.80000	0.00000	0.00000	0.07784	1,2,6				
		415	-62.15538	-37.26923	106.80000	0.00000	0.00000	0.08053	1,2,6				
		416	-61.88846	-36.85308	106.80000	0.00000	0.00000	0.08329	1,2,6				
		417	-61.62154	-36.43692	106.80000	0.00000	0.00000	0.08614	1,2,6				
		418	-61.35462	-36.02077	106.80000	0.00000	0.00000	0.08907	1,2,6				
		419	-61.08769	-35.60462	106.80000	0.00000	0.00000	0.09209	1,2,6				
		420	-60.82077	-35.18846	106.80000	0.00000	0.00000	0.09520	1,2,6				
		421	-60.55385	-34.77231	106.80000	0.00000	0.00000	0.09840	1,2,6				
		422	-60.28692	-34.35615	106.80000	0.00000	0.00000	0.10169	1,2,6				
		423	-60.02000	-33.94000	106.80000	0.00000	0.00000	0.10508	1,2,6				
		424	-59.75308	-33.52385	106.80000	0.00000	0.00000	0.10857	1,2,6				
		425	-59.48615	-33.10769	106.80000	0.00000	0.00000	0.11216	1,2,6				
		426	-59.21923	-32.69154	106.80000	0.00000	0.00000	0.11586	1,2,6				
		427	-58.95231	-32.27538	106.80000	0.00000	0.00000	0.11966	1,2,6				
		428	-58.68538	-31.85923	106.80000	0.00000	0.00000	0.12358	1,2,6				
		429	-58.41846	-31.44308	106.80000	0.00000	0.00000	0.12760	1,2,6				
		430	-58.15154	-31.02692	106.80000	0.00000	0.00000	0.13175	1,2,6				
		431	-57.88462	-30.61077	106.80000	0.00000	0.00000	0.13601	1,2,6				
		432	-57.61769	-30.19462	106.80000	0.00000	0.00000	0.14040	1,2,6				
		433	-57.35077	-29.77846	106.80000	0.00000	0.00000						

Job No.		Sheet No.		Rev.
Drg. Ref.				
Made by		Date	Checked	Date
		20-Sep-2024		

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]
		479	-72.01577	-28.73423	106.80000	0.00000	0.00000	0.05285 1,2,6
		480	-72.27846	-29.15154	106.80000	0.00000	0.00000	0.05121 1,2,6
		481	-72.54115	-29.56885	106.80000	0.00000	0.00000	0.04961 1,2,6
		482	-72.80385	-29.98615	106.80000	0.00000	0.00000	0.04805 1,2,6
		483	-73.06654	-30.40346	106.80000	0.00000	0.00000	0.04652 1,2,6
		484	-73.32923	-30.82077	106.80000	0.00000	0.00000	0.04503 1,2,6
		485	-73.59192	-31.23808	106.80000	0.00000	0.00000	0.04357 1,2,6
		486	-73.85462	-31.65538	106.80000	0.00000	0.00000	0.04215 1,2,6
		487	-74.11731	-32.07269	106.80000	0.00000	0.00000	0.04076 1,2,6
		488	-65.43000	-22.97000	106.80000	0.00000	0.00000	0.09897 1,2,6
		489	-65.78333	-22.74833	106.80000	0.00000	0.00000	0.09694 1,2,6
		490	-66.13667	-22.52667	106.80000	0.00000	0.00000	0.09494 1,2,6
		491	-66.49000	-22.30500	106.80000	0.00000	0.00000	0.09296 1,2,6
		492	-66.84333	-22.08333	106.80000	0.00000	0.00000	0.09102 1,2,6
		493	-67.19667	-21.86167	106.80000	0.00000	0.00000	0.08910 1,2,6
		494	-62.48000	-18.37000	106.80000	0.00000	0.00000	0.13415 1,2,6
		495	-62.74818	-18.78818	106.80000	0.00000	0.00000	0.13061 1,2,6
		496	-63.01636	-19.20636	106.80000	0.00000	0.00000	0.12714 1,2,6
		497	-63.28455	-19.62455	106.80000	0.00000	0.00000	0.12373 1,2,6
		498	-63.55273	-20.04273	106.80000	0.00000	0.00000	0.12040 1,2,6
		499	-63.82091	-20.46091	106.80000	0.00000	0.00000	0.11714 1,2,6
		500	-64.08909	-20.87909	106.80000	0.00000	0.00000	0.11394 1,2,6
		501	-64.35727	-21.29727	106.80000	0.00000	0.00000	0.11082 1,2,6
		502	-64.62545	-21.71545	106.80000	0.00000	0.00000	0.10776 1,2,6
		503	-64.89364	-22.13364	106.80000	0.00000	0.00000	0.10476 1,2,6
		504	-65.16182	-22.55182	106.80000	0.00000	0.00000	0.10184 1,2,6
		505	-58.56320	-7.23400	106.80000	0.00000	0.00000	0.20157 1,2,6
		506	-58.72640	-7.69800	106.80000	0.00000	0.00000	0.19876 1,2,6
		507	-58.88960	-8.16200	106.80000	0.00000	0.00000	0.19594 1,2,6
		508	-59.05280	-8.62600	106.80000	0.00000	0.00000	0.19311 1,2,6
		509	-59.21600	-9.09000	106.80000	0.00000	0.00000	0.19026 1,2,6
		510	-59.37920	-9.55400	106.80000	0.00000	0.00000	0.18741 1,2,6
		511	-59.54240	-10.01800	106.80000	0.00000	0.00000	0.18456 1,2,6
		512	-59.70560	-10.48200	106.80000	0.00000	0.00000	0.18170 1,2,6
		513	-59.86880	-10.94600	106.80000	0.00000	0.00000	0.17884 1,2,6
		514	-60.03200	-11.41000	106.80000	0.00000	0.00000	0.17598 1,2,6
		515	-60.19520	-11.87400	106.80000	0.00000	0.00000	0.17312 1,2,6
		516	-60.35840	-12.33800	106.80000	0.00000	0.00000	0.17026 1,2,6
		517	-60.52160	-12.80200	106.80000	0.00000	0.00000	0.16741 1,2,6
		518	-60.68480	-13.26600	106.80000	0.00000	0.00000	0.16457 1,2,6
		519	-60.84800	-13.73000	106.80000	0.00000	0.00000	0.16174 1,2,6
		520	-61.01120	-14.19400	106.80000	0.00000	0.00000	0.15891 1,2,6
		521	-61.17440	-14.65800	106.80000	0.00000	0.00000	0.15610 1,2,6
		522	-61.33760	-15.12200	106.80000	0.00000	0.00000	0.15330 1,2,6
		523	-61.50080	-15.58600	106.80000	0.00000	0.00000	0.15051 1,2,6
		524	-61.66400	-16.05000	106.80000	0.00000	0.00000	0.14774 1,2,6
		525	-61.82720	-16.51400	106.80000	0.00000	0.00000	0.14498 1,2,6
		526	-61.99040	-16.97800	106.80000	0.00000	0.00000	0.14225 1,2,6
		527	-62.15360	-17.44200	106.80000	0.00000	0.00000	0.13953 1,2,6
		528	-62.31680	-17.90600	106.80000	0.00000	0.00000	0.13683 1,2,6
		529	-24.98000	-52.40000	106.80000	0.00000	0.00000	0.12070 1,2,6
		530	-24.49968	-52.27825	106.80000	0.00000	0.00000	0.22547 1,2,6
		531	-24.01937	-52.15651	106.80000	0.00000	0.00000	0.23028 1,2,6
		532	-23.53905	-52.03476	106.80000	0.00000	0.00000	0.23515 1,2,6
		533	-23.05873	-51.91302	106.80000	0.00000	0.00000	0.24006 1,2,6
		534	-22.57841	-51.79127	106.80000	0.00000	0.00000	0.24492 1,2,6
		535	-22.09810	-51.66952	106.80000	0.00000	0.00000	0.25003 1,2,6
		536	-21.61778	-51.54778	106.80000	0.00000	0.00000	0.25508 1,2,6
		537	-21.13746	-51.42603	106.80000	0.00000	0.00000	0.26016 1,2,6
		538	-20.65714	-51.30429	106.80000	0.00000	0.00000	0.26529 1,2,6
		539	-20.17682	-51.18254	106.80000	0.00000	0.00000	0.27045 1,2,6
		540	-19.69651	-51.06079	106.80000	0.00000	0.00000	0.27565 1,2,6
		541	-19.21619	-50.93905	106.80000	0.00000	0.00000	0.28087 1,2,6
		542	-18.73587	-50.81730	106.80000	0.00000	0.00000	0.28613 1,2,6
		543	-18.25556	-50.69556	106.80000	0.00000	0.00000	0.29141 1,2,6
		544	-17.77524	-50.57381	106.80000	0.00000	0.00000	0.29671 1,2,6
		545	-17.29492	-50.45206	106.80000	0.00000	0.00000	0.30203 1,2,6
		546	-16.81460	-50.33032	106.80000	0.00000	0.00000	0.30736 1,2,6
		547	-16.33429	-50.20857	106.80000	0.00000	0.00000	0.31271 1,2,6
		548	-15.85397	-50.08683	106.80000	0.00000	0.00000	0.31808 1,2,6
		549	-15.37365	-49.96508	106.80000	0.00000	0.00000	0.32344 1,2,6
		550	-14.89333	-49.84333	106.80000	0.00000	0.00000	0.32881 1,2,6
		551	-14.41302	-49.72159	106.80000	0.00000	0.00000	0.33418 1,2,6
		552	-13.93270	-49.59984	106.80000	0.00000	0.00000	0.33955 1,2,6
		553	-13.45238	-49.47810	106.80000	0.00000	0.00000	0.34491 1,2,6
		554	-12.97206	-49.35635	106.80000	0.00000	0.00000	0.35026 1,2,6
		555	-12.49175	-49.23460	106.80000	0.00000	0.00000	0.35560 1,2,6
		556	-12.01143	-49.11286	106.80000	0.00000	0.00000	0.36091 1,2,6
		557	-11.53111	-48.99111	106.80000	0.00000	0.00000	0.36621 1,2,6
		558	-11.05079	-48.86937	106.80000	0.00000	0.00000	0.37148 1,2,6
		559	-10.57048	-48.74762	106.80000	0.00000	0.00000	0.37672 1,2,6
		560	-10.09016	-48.62587	106.80000	0.00000	0.00000	0.38192 1,2,6
		561	-9.60984	-48.50413	106.80000	0.00000	0.00000	0.38709 1,2,6
		562	-9.12952	-48.38238	106.80000	0.00000	0.00000	0.39222 1,2,6
		563	-8.64921	-48.26063	106.80000	0.00000	0.00000	0.39730 1,2,6
		564	-8.16889	-48.13889	106.80000	0.00000	0.00000	0.40233 1,2,6
		565	-7.68857	-48.01714	106.80000	0.00000	0.00000	0.40730 1,2,6
		566	-7.20825	-47.89540	106.80000	0.00000	0.00000	0.41222 1,2,6
		567	-6.72794	-47.77365	106.80000	0.00000	0.00000	0.41708 1,2,6
		568	-6.24762	-47.65190	106.80000	0.00000	0.00000	0.42187 1,2,6
		569	-5.76730	-47.53016	106.80000	0.00000	0.00000	0.42659 1,2,6
		570	-5.28698	-47.40841	106.80000	0.00000	0.00000	0.43124 1,2,6
		571	-4.80667	-47.28667	106.80000	0.00000	0.00000	0.43581 1,2,6
		572	-4.32635	-47.16492	106.80000	0.00000	0.00000	0.44030 1,2,6
		573	-3.84603	-47.04317	106.80000	0.00000	0.00000	0.44470 1,2,6
		574	-3.36571	-46.92143	106.80000	0.00000	0.00000	0.44901 1,2,6
		575	-2.88540	-46.79968	106.80000	0.00000	0.00000	0.45322 1,2,6
		576	-2.40508	-46.67794	106.80000	0.00000	0.00000	0.45734 1,2,6
		577	-1.92476	-46.55619	106.80000	0.00000	0.00000	0.46135 1,2,6
		578	-1.44444	-46.43444	106.80000	0.00000	0.00000	0.46526 1,2,6
		579	-0.96413	-46.31270	106.80000	0.00000	0.00000	0.46906 1,2,6
		580	-0.48381	-46.19095	106.80000	0.00000	0.00000	0.47274 1,2,6
		581	-0.00349	-46.06921	106.80000	0.00000	0.00000	0.47631 1,2,6
		582	0.47683	-45.94746	106.80000	0.00000	0.00000	0.47975 1,2,6
		583	0.95714	-45.82571	106.80000	0.00000	0.00000	0.48307 1,2,6
		584	1.43744	-45.70397	106.80000	0.00000	0.00000	0.48626 1,2,6
		585	1.91778	-45.58222	106.80000	0.00000	0.00000	0.48931 1,2,6
		586	2.39810	-45.46048	106.80000	0.00000	0.00000	0.49223 1,2,6
		587	2.87841	-45.33873	106.80000	0.00000	0.00000	0.49501 1,2,6
		588	3.35873	-45.21698	106.80000	0.00000	0.00000	0.49765 1,2,6
		589	3.83905	-45.09524	106.80000	0.00000	0.00000	0.50014 1,2,6
		590	4.31937	-44.97349	106.80000	0.00000	0.00000	0.50248 1,2,6
		591	4.79968	-44.85175	106.80000	0.00000	0.00000	0.50467 1,2,6
		592	5.28000	-44.73000	106.80000	0.00000	0.00000	0.50670 1,2,6
		593	5.39033	-45.18083	106.80000	0.00000	0.00000	0.48912 1,2,6
		594	5.50167	-45.63167	106.80000	0.00000	0.00000	0.47219 1,2,6
		595	5.61250	-46.08250	106.80000	0.00000	0.00000	0.

Oasys								Job No.		Sheet No.		Rev.	
								Drg. Ref.					
Made by		Date 20-Sep-2024		Checked		Date							
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]					
		609	4.27429	-50.71143	106.80000	0.00000	0.00000	0.32784	1,2,6				
		610	3.80714	-50.82571	106.80000	0.00000	0.00000	0.32638	1,2,6				
		611	3.34000	-50.94000	106.80000	0.00000	0.00000	0.32484	1,2,6				
		612	3.45286	-51.39929	106.80000	0.00000	0.00000	0.31379	1,2,6				
		613	3.56571	-51.85857	106.80000	0.00000	0.00000	0.30314	1,2,6				
		614	3.67857	-52.31786	106.80000	0.00000	0.00000	0.29286	1,2,6				
		615	3.79143	-52.77714	106.80000	0.00000	0.00000	0.28295	1,2,6				
		616	3.90429	-53.23643	106.80000	0.00000	0.00000	0.27338	1,2,6				
		617	4.01714	-53.69571	106.80000	0.00000	0.00000	0.26414	1,2,6				
		618	4.13000	-54.15500	106.80000	0.00000	0.00000	0.25523	1,2,6				
		619	4.24286	-54.61429	106.80000	0.00000	0.00000	0.24662	1,2,6				
		620	4.35571	-55.07357	106.80000	0.00000	0.00000	0.23831	1,2,6				
		621	4.46857	-55.53286	106.80000	0.00000	0.00000	0.23028	1,2,6				
		622	4.58143	-55.99214	106.80000	0.00000	0.00000	0.22253	1,2,6				
		623	4.69429	-56.45143	106.80000	0.00000	0.00000	0.21504	1,2,6				
		624	4.80714	-56.91071	106.80000	0.00000	0.00000	0.20781	1,2,6				
		625	4.92000	-57.37000	106.80000	0.00000	0.00000	0.20082	1,2,6				
		626	4.43750	-57.49179	106.80000	0.00000	0.00000	0.19985	1,2,6				
		627	3.95500	-57.61357	106.80000	0.00000	0.00000	0.19883	1,2,6				
		628	3.47250	-57.73536	106.80000	0.00000	0.00000	0.19776	1,2,6				
		629	2.99000	-57.85714	106.80000	0.00000	0.00000	0.19665	1,2,6				
		630	2.50750	-57.97893	106.80000	0.00000	0.00000	0.19549	1,2,6				
		631	2.02500	-58.10071	106.80000	0.00000	0.00000	0.19428	1,2,6				
		632	1.54250	-58.22250	106.80000	0.00000	0.00000	0.19303	1,2,6				
		633	1.06000	-58.34429	106.80000	0.00000	0.00000	0.19174	1,2,6				
		634	0.57750	-58.46607	106.80000	0.00000	0.00000	0.19041	1,2,6				
		635	0.09500	-58.58786	106.80000	0.00000	0.00000	0.18903	1,2,6				
		636	-0.38750	-58.70964	106.80000	0.00000	0.00000	0.18762	1,2,6				
		637	-0.87000	-58.83143	106.80000	0.00000	0.00000	0.18617	1,2,6				
		638	-1.35250	-58.95321	106.80000	0.00000	0.00000	0.18468	1,2,6				
		639	-1.83500	-59.07500	106.80000	0.00000	0.00000	0.18315	1,2,6				
		640	-2.31750	-59.19679	106.80000	0.00000	0.00000	0.18159	1,2,6				
		641	-2.80000	-59.31857	106.80000	0.00000	0.00000	0.18000	1,2,6				
		642	-3.28250	-59.44036	106.80000	0.00000	0.00000	0.17838	1,2,6				
		643	-3.76500	-59.56214	106.80000	0.00000	0.00000	0.17672	1,2,6				
		644	-4.24750	-59.68393	106.80000	0.00000	0.00000	0.17504	1,2,6				
		645	-4.73000	-59.80571	106.80000	0.00000	0.00000	0.17332	1,2,6				
		646	-5.21250	-59.92750	106.80000	0.00000	0.00000	0.17158	1,2,6				
		647	-5.69500	-60.04929	106.80000	0.00000	0.00000	0.16982	1,2,6				
		648	-6.17750	-60.17107	106.80000	0.00000	0.00000	0.16803	1,2,6				
		649	-6.66000	-60.29286	106.80000	0.00000	0.00000	0.16621	1,2,6				
		650	-7.14250	-60.41464	106.80000	0.00000	0.00000	0.16438	1,2,6				
		651	-7.62500	-60.53643	106.80000	0.00000	0.00000	0.16252	1,2,6				
		652	-8.10750	-60.65821	106.80000	0.00000	0.00000	0.16065	1,2,6				
		653	-8.59000	-60.78000	106.80000	0.00000	0.00000	0.15875	1,2,6				
		654	-9.07250	-60.90179	106.80000	0.00000	0.00000	0.15684	1,2,6				
		655	-9.55500	-61.02357	106.80000	0.00000	0.00000	0.15492	1,2,6				
		656	-10.03750	-61.14536	106.80000	0.00000	0.00000	0.15298	1,2,6				
		657	-10.52000	-61.26714	106.80000	0.00000	0.00000	0.15102	1,2,6				
		658	-11.00250	-61.38893	106.80000	0.00000	0.00000	0.14906	1,2,6				
		659	-11.48500	-61.51071	106.80000	0.00000	0.00000	0.14709	1,2,6				
		660	-11.96750	-61.63250	106.80000	0.00000	0.00000	0.14510	1,2,6				
		661	-12.45000	-61.75429	106.80000	0.00000	0.00000	0.14311	1,2,6				
		662	-12.93250	-61.87607	106.80000	0.00000	0.00000	0.14111	1,2,6				
		663	-13.41500	-61.99786	106.80000	0.00000	0.00000	0.13910	1,2,6				
		664	-13.89750	-62.11964	106.80000	0.00000	0.00000	0.13710	1,2,6				
		665	-14.38000	-62.24143	106.80000	0.00000	0.00000	0.13508	1,2,6				
		666	-14.86250	-62.36321	106.80000	0.00000	0.00000	0.13307	1,2,6				
		667	-15.34500	-62.48500	106.80000	0.00000	0.00000	0.13105	1,2,6				
		668	-15.82750	-62.60679	106.80000	0.00000	0.00000	0.12903	1,2,6				
		669	-16.31000	-62.72857	106.80000	0.00000	0.00000	0.12702	1,2,6				
		670	-16.79250	-62.85036	106.80000	0.00000	0.00000	0.12500	1,2,6				
		671	-17.27500	-62.97214	106.80000	0.00000	0.00000	0.12299	1,2,6				
		672	-17.75750	-63.09393	106.80000	0.00000	0.00000	0.12098	1,2,6				
		673	-18.24000	-63.21571	106.80000	0.00000	0.00000	0.11898	1,2,6				
		674	-18.72250	-63.33750	106.80000	0.00000	0.00000	0.11698	1,2,6				
		675	-19.20500	-63.45929	106.80000	0.00000	0.00000	0.11499	1,2,6				
		676	-19.68750	-63.58107	106.80000	0.00000	0.00000	0.11301	1,2,6				
		677	-20.17000	-63.70286	106.80000	0.00000	0.00000	0.11104	1,2,6				
		678	-20.65250	-63.82464	106.80000	0.00000	0.00000	0.10907	1,2,6				
		679	-21.13500	-63.94643	106.80000	0.00000	0.00000	0.10711	1,2,6				
		680	-21.61750	-64.06821	106.80000	0.00000	0.00000	0.10517	1,2,6				
		681	-22.10000	-64.19000	106.80000	0.00000	0.00000	0.10324	1,2,6				
		682	-22.58250	-63.71840	106.80000	0.00000	0.00000	0.10654	1,2,6				
		683	-22.33040	-63.24680	106.80000	0.00000	0.00000	0.10994	1,2,6				
		684	-22.44564	-62.77520	106.80000	0.00000	0.00000	0.11343	1,2,6				
		685	-22.56080	-62.30360	106.80000	0.00000	0.00000	0.11702	1,2,6				
		686	-22.67600	-61.83200	106.80000	0.00000	0.00000	0.12071	1,2,6				
		687	-22.79120	-61.36040	106.80000	0.00000	0.00000	0.12451	1,2,6				
		688	-22.90640	-60.88880	106.80000	0.00000	0.00000	0.12841	1,2,6				
		689	-23.02160	-60.41720	106.80000	0.00000	0.00000	0.13243	1,2,6				
		690	-23.13680	-59.94560	106.80000	0.00000	0.00000	0.13655	1,2,6				
		691	-23.25200	-59.47400	106.80000	0.00000	0.00000	0.14079	1,2,6				
		692	-23.36720	-59.00240	106.80000	0.00000	0.00000	0.14515	1,2,6				
		693	-23										

Oasys								Job No.		Sheet No.		Rev.	
								Drg. Ref.					
								Made by		Date 20-Sep-2024		Checked	
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]					
		739	29.13667	-49.56333	106.80000	0.00000	0.00000	0.19970 1,2,6					
		740	29.03833	-49.08667	106.80000	0.00000	0.00000	0.20662 1,2,6					
		741	28.94000	-48.61000	106.80000	0.00000	0.00000	0.21377 1,2,6					
		742	28.84167	-48.13333	106.80000	0.00000	0.00000	0.22117 1,2,6					
		743	28.74333	-47.65667	106.80000	0.00000	0.00000	0.22884 1,2,6					
		744	28.64500	-47.18000	106.80000	0.00000	0.00000	0.23677 1,2,6					
		745	28.54667	-46.70333	106.80000	0.00000	0.00000	0.24499 1,2,6					
		746	28.44833	-46.22667	106.80000	0.00000	0.00000	0.25350 1,2,6					
		747	28.35000	-45.75000	106.80000	0.00000	0.00000	0.26232 1,2,6					
		748	28.25167	-45.27333	106.80000	0.00000	0.00000	0.27145 1,2,6					
		749	28.15333	-44.79667	106.80000	0.00000	0.00000	0.28091 1,2,6					
		750	28.05500	-44.32000	106.80000	0.00000	0.00000	0.29072 1,2,6					
		751	27.95667	-43.84333	106.80000	0.00000	0.00000	0.30090 1,2,6					
		752	27.85833	-43.36667	106.80000	0.00000	0.00000	0.31144 1,2,6					
		753	27.76000	-42.89000	106.80000	0.00000	0.00000	0.32238 1,2,6					
		754	27.66167	-42.41333	106.80000	0.00000	0.00000	0.33373 1,2,6					
		755	27.56333	-41.93667	106.80000	0.00000	0.00000	0.34551 1,2,6					
		756	27.46500	-41.46000	106.80000	0.00000	0.00000	0.35773 1,2,6					
		757	27.36667	-40.98333	106.80000	0.00000	0.00000	0.37043 1,2,6					
		758	27.26833	-40.50667	106.80000	0.00000	0.00000	0.38361 1,2,6					
		759	40.67792	-37.74667	106.80000	0.00000	0.00000	0.23719 1,2,6					
		760	40.77583	-38.22333	106.80000	0.00000	0.00000	0.23032 1,2,6					
		761	40.87375	-38.70000	106.80000	0.00000	0.00000	0.22363 1,2,6					
		762	40.97167	-39.17667	106.80000	0.00000	0.00000	0.21713 1,2,6					
		763	41.06958	-39.65333	106.80000	0.00000	0.00000	0.21080 1,2,6					
		764	41.16750	-40.13000	106.80000	0.00000	0.00000	0.20464 1,2,6					
		765	41.26542	-40.60667	106.80000	0.00000	0.00000	0.19865 1,2,6					
		766	41.36333	-41.08333	106.80000	0.00000	0.00000	0.19282 1,2,6					
		767	41.46125	-41.56000	106.80000	0.00000	0.00000	0.18715 1,2,6					
		768	41.55917	-42.03667	106.80000	0.00000	0.00000	0.18163 1,2,6					
		769	41.65709	-42.51333	106.80000	0.00000	0.00000	0.17627 1,2,6					
		770	41.75500	-42.99000	106.80000	0.00000	0.00000	0.17105 1,2,6					
		771	41.85292	-43.46667	106.80000	0.00000	0.00000	0.16597 1,2,6					
		772	41.95083	-43.94333	106.80000	0.00000	0.00000	0.16103 1,2,6					
		773	42.04875	-44.42000	106.80000	0.00000	0.00000	0.15623 1,2,6					
		774	42.14667	-44.89667	106.80000	0.00000	0.00000	0.15156 1,2,6					
		775	42.24458	-45.37333	106.80000	0.00000	0.00000	0.14701 1,2,6					
		776	42.34250	-45.85000	106.80000	0.00000	0.00000	0.14259 1,2,6					
		777	42.44042	-46.32667	106.80000	0.00000	0.00000	0.13829 1,2,6					
		778	42.53833	-46.80333	106.80000	0.00000	0.00000	0.13411 1,2,6					
		779	42.63625	-47.28000	106.80000	0.00000	0.00000	0.13004 1,2,6					
		780	42.73417	-47.75667	106.80000	0.00000	0.00000	0.12608 1,2,6					
		781	42.83208	-48.23333	106.80000	0.00000	0.00000	0.12224 1,2,6					
		782	42.93000	-48.71000	106.80000	0.00000	0.00000	0.11849 1,2,6					
		783	42.45143	-48.80857	106.80000	0.00000	0.00000	0.12043 1,2,6					
		784	41.97286	-48.90714	106.80000	0.00000	0.00000	0.12238 1,2,6					
		785	41.49429	-49.00571	106.80000	0.00000	0.00000	0.12434 1,2,6					
		786	41.01571	-49.10429	106.80000	0.00000	0.00000	0.12632 1,2,6					
		787	40.53714	-49.20286	106.80000	0.00000	0.00000	0.12831 1,2,6					
		788	40.05857	-49.30143	106.80000	0.00000	0.00000	0.13031 1,2,6					
		789	39.58000	-49.40000	106.80000	0.00000	0.00000	0.13232 1,2,6					
		790	39.10143	-49.49857	106.80000	0.00000	0.00000	0.13434 1,2,6					
		791	38.62286	-49.59714	106.80000	0.00000	0.00000	0.13637 1,2,6					
		792	38.14429	-49.69571	106.80000	0.00000	0.00000	0.13840 1,2,6					
		793	37.66571	-49.79429	106.80000	0.00000	0.00000	0.14043 1,2,6					
		794	37.18714	-49.89286	106.80000	0.00000	0.00000	0.14247 1,2,6					
		795	36.70857	-49.99143	106.80000	0.00000	0.00000	0.14451 1,2,6					
		796	36.23000	-50.09000	106.80000	0.00000	0.00000	0.14655 1,2,6					
		797	35.75143	-50.18857	106.80000	0.00000	0.00000	0.14859 1,2,6					
		798	35.27286	-50.28714	106.80000	0.00000	0.00000	0.15063 1,2,6					
		799	34.79429	-50.38571	106.80000	0.00000	0.00000	0.15266 1,2,6					
		800	34.31571	-50.48429	106.80000	0.00000	0.00000	0.15468 1,2,6					
		801	33.83714	-50.58286	106.80000	0.00000	0.00000	0.15670 1,2,6					
		802	33.35857	-50.68143	106.80000	0.00000	0.00000	0.15871 1,2,6					
		803	32.88000	-50.78000	106.80000	0.00000	0.00000	0.16071 1,2,6					
		804	32.40143	-50.87857	106.80000	0.00000	0.00000	0.16270 1,2,6					
		805	31.92286	-50.97714	106.80000	0.00000	0.00000	0.16468 1,2,6					
		806	31.44429	-51.07571	106.80000	0.00000	0.00000	0.16664 1,2,6					
		807	30.96571	-51.17429	106.80000	0.00000	0.00000	0.16858 1,2,6					
		808	30.48714	-51.27286	106.80000	0.00000	0.00000	0.17050 1,2,6					
		809	30.00857	-51.37143	106.80000	0.00000	0.00000	0.17241 1,2,6					
		810	29.53000	-51.47000	106.80000	0.00000	0.00000	0.17434 1,2,6					
		811	30.02889	-51.84111	106.80000	0.00000	0.00000	0.16719 1,2,6					
		812	30.10778	-52.30222	106.80000	0.00000	0.00000	0.16187 1,2,6					
		813	30.18667	-52.76333	106.80000	0.00000	0.00000	0.15672 1,2,6					
		814	30.26556	-53.22444	106.80000	0.00000	0.00000	0.15173 1,2,6					
		815	30.34444	-53.68556	106.80000	0.00000	0.00000	0.14689 1,2,6					
		816	30.42333	-54.14667	106.80000	0.00000	0.00000	0.14220 1,2,6					
		817	30.50222	-54.60778	106.80000	0.00000	0.00000	0.13765 1,2,6					
		818	30.58111	-55.06889	106.80000	0.00000	0.00000	0.13324 1,2,6					
		819	30.66000	-55.53000	106.80000	0.00000	0.00000	0.12897 1,2,6					
		820	43.37000	-52.92000	106.80000	0.00000	0.00000	0.09129 1,2,6					
		821	43.28444	-52.46000	106.80000	0.00000	0.00000	0.09414 1,2,6					
		822	43.19889	-52.00000	106.80000	0.00000	0.00000	0.09706 1,2,6					
		823	43.11333	-51.54000	106.80000	0.00000	0.00000	0.10005 1,2,6					
		824	43.02778	-51.08000	106.80000	0.00000	0.00000	0.10313 1,2,6					
		825	42.94222	-50.62000	106.80000	0.00000	0.00000	0.10629 1,2,6					
		826	42.85667	-50.16000	106.80000	0.00000	0.00000	0.10954 1,2,6					
		827	42.77111	-49.70000	106.80000	0.00000	0.00000	0.11287 1,2,6					
		828	42.68556	-49.24000	106.80000	0.00000	0.00000	0.11630 1,2,6					
		829	42.60000	-48.78000	106.80000	0.00000	0.00000	0.11981 1,2,6					
		830	31.14885	-55.42962	106.80000	0.00000	0.00000	0.12761 1,2,6					
		831	31.63769	-55.32923	106.80000	0.00000	0.00000	0.12623 1,2,6					
		832	32.12654	-55.22885	106.80000	0.00000	0.00000	0.12484 1,2,6					
		833	32.61538	-55.12846	106.80000	0.00000	0.00000	0.12344 1,2,6					
		834	33.10423	-55.02808	106.80000	0.00000	0.00000	0.12202 1,2,6					
		835	33.59308	-54.92769	106.80000	0.00000	0.00000	0.12059 1,2,6					
		836	34.08192	-54.82731	106.80000	0.00000	0.00000	0.11915 1,2,6					

Job No. Drg. Ref. Made by	Sheet No.	Rev.	
	Date 20-Sep-2024		Checked
	Date		

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]
		869	44.09727	-56.48364	106.80000	0.00000	0.00000	0.07146 1,2,6
		870	44.00636	-56.03818	106.80000	0.00000	0.00000	0.07372 1,2,6
		871	43.91545	-55.59273	106.80000	0.00000	0.00000	0.07603 1,2,6
		872	43.82455	-55.14727	106.80000	0.00000	0.00000	0.07841 1,2,6
		873	43.73364	-54.70182	106.80000	0.00000	0.00000	0.08086 1,2,6
		874	43.64273	-54.25636	106.80000	0.00000	0.00000	0.08336 1,2,6
		875	43.55182	-53.81091	106.80000	0.00000	0.00000	0.08594 1,2,6
		876	43.46091	-53.36545	106.80000	0.00000	0.00000	0.08858 1,2,6
		877	32.15846	-60.32962	106.80000	0.00000	0.00000	0.08939 1,2,6
		878	32.64692	-60.22923	106.80000	0.00000	0.00000	0.08848 1,2,6
		879	33.13538	-60.12985	106.80000	0.00000	0.00000	0.08755 1,2,6
		880	33.62385	-60.02846	106.80000	0.00000	0.00000	0.08662 1,2,6
		881	34.11231	-59.92808	106.80000	0.00000	0.00000	0.08568 1,2,6
		882	34.60077	-59.82769	106.80000	0.00000	0.00000	0.08473 1,2,6
		883	35.08923	-59.72731	106.80000	0.00000	0.00000	0.08377 1,2,6
		884	35.57769	-59.62692	106.80000	0.00000	0.00000	0.08281 1,2,6
		885	36.06615	-59.52654	106.80000	0.00000	0.00000	0.08184 1,2,6
		886	36.55462	-59.42615	106.80000	0.00000	0.00000	0.08086 1,2,6
		887	37.04308	-59.32577	106.80000	0.00000	0.00000	0.07988 1,2,6
		888	37.53154	-59.22538	106.80000	0.00000	0.00000	0.07890 1,2,6
		889	38.02000	-59.12500	106.80000	0.00000	0.00000	0.07791 1,2,6
		890	38.50846	-59.02462	106.80000	0.00000	0.00000	0.07692 1,2,6
		891	38.99692	-58.92423	106.80000	0.00000	0.00000	0.07593 1,2,6
		892	39.48538	-58.82385	106.80000	0.00000	0.00000	0.07493 1,2,6
		893	39.97385	-58.72346	106.80000	0.00000	0.00000	0.07394 1,2,6
		894	40.46231	-58.62308	106.80000	0.00000	0.00000	0.07294 1,2,6
		895	40.95077	-58.52269	106.80000	0.00000	0.00000	0.07194 1,2,6
		896	41.43923	-58.42231	106.80000	0.00000	0.00000	0.07095 1,2,6
		897	41.92769	-58.32192	106.80000	0.00000	0.00000	0.06996 1,2,6
		898	42.41615	-58.22154	106.80000	0.00000	0.00000	0.06897 1,2,6
		899	42.90462	-58.12115	106.80000	0.00000	0.00000	0.06798 1,2,6
		900	43.39308	-58.02077	106.80000	0.00000	0.00000	0.06699 1,2,6
		901	43.88154	-57.92038	106.80000	0.00000	0.00000	0.06601 1,2,6
		902	40.64000	-37.57000	106.80000	0.00000	0.00000	0.23981 1,2,6
		903	41.11045	-37.47682	106.80000	0.00000	0.00000	0.23505 1,2,6
		904	41.58094	-37.38364	106.80000	0.00000	0.00000	0.23037 1,2,6
		905	42.05136	-37.29045	106.80000	0.00000	0.00000	0.22576 1,2,6
		906	42.52182	-37.19727	106.80000	0.00000	0.00000	0.22123 1,2,6
		907	42.99227	-37.10409	106.80000	0.00000	0.00000	0.21677 1,2,6
		908	43.46273	-37.01091	106.80000	0.00000	0.00000	0.21239 1,2,6
		909	43.93318	-36.91773	106.80000	0.00000	0.00000	0.20809 1,2,6
		910	44.40364	-36.82455	106.80000	0.00000	0.00000	0.20387 1,2,6
		911	44.87409	-36.73136	106.80000	0.00000	0.00000	0.19974 1,2,6
		912	45.34455	-36.63818	106.80000	0.00000	0.00000	0.19569 1,2,6
		913	45.81500	-36.54500	106.80000	0.00000	0.00000	0.19172 1,2,6
		914	46.28544	-36.45182	106.80000	0.00000	0.00000	0.18784 1,2,6
		915	46.75591	-36.35864	106.80000	0.00000	0.00000	0.18404 1,2,6
		916	47.22636	-36.26545	106.80000	0.00000	0.00000	0.18032 1,2,6
		917	47.69682	-36.17227	106.80000	0.00000	0.00000	0.17670 1,2,6
		918	48.16727	-36.07909	106.80000	0.00000	0.00000	0.17316 1,2,6
		919	48.63773	-35.98591	106.80000	0.00000	0.00000	0.16970 1,2,6
		920	49.10818	-35.89273	106.80000	0.00000	0.00000	0.16633 1,2,6
		921	49.57864	-35.79955	106.80000	0.00000	0.00000	0.16305 1,2,6
		922	50.04909	-35.70636	106.80000	0.00000	0.00000	0.15985 1,2,6
		923	50.51955	-35.61318	106.80000	0.00000	0.00000	0.15674 1,2,6
		924	50.99000	-35.52000	106.80000	0.00000	0.00000	0.15371 1,2,6
		925	51.08333	-35.93000	106.80000	0.00000	0.00000	0.15035 1,2,6
		926	51.17667	-36.34000	106.80000	0.00000	0.00000	0.14705 1,2,6
		927	51.27000	-36.75000	106.80000	0.00000	0.00000	0.14380 1,2,6
		928	51.36333	-37.16000	106.80000	0.00000	0.00000	0.14060 1,2,6
		929	51.45667	-37.57000	106.80000	0.00000	0.00000	0.13746 1,2,6
		930	51.55000	-37.98000	106.80000	0.00000	0.00000	0.13437 1,2,6
		931	52.00125	-37.91500	106.80000	0.00000	0.00000	0.13184 1,2,6
		932	52.45250	-37.85000	106.80000	0.00000	0.00000	0.12939 1,2,6
		933	52.90375	-37.78500	106.80000	0.00000	0.00000	0.12700 1,2,6
		934	53.35500	-37.72000	106.80000	0.00000	0.00000	0.12467 1,2,6
		935	53.80625	-37.65500	106.80000	0.00000	0.00000	0.12242 1,2,6
		936	54.25750	-37.59000	106.80000	0.00000	0.00000	0.12022 1,2,6
		937	54.70875	-37.52500	106.80000	0.00000	0.00000	0.11809 1,2,6
		938	55.16000	-37.46000	106.80000	0.00000	0.00000	0.11603 1,2,6
		939	55.25400	-37.93781	106.80000	0.00000	0.00000	0.11313 1,2,6
		940	55.34812	-38.41562	106.80000	0.00000	0.00000	0.11028 1,2,6
		941	55.44219	-38.89344	106.80000	0.00000	0.00000	0.10749 1,2,6
		942	55.53625	-39.37125	106.80000	0.00000	0.00000	0.10475 1,2,6
		943	55.63031	-39.84906	106.80000	0.00000	0.00000	0.10205 1,2,6
		944	55.72437	-40.32688	106.80000	0.00000	0.00000	0.09941 1,2,6
		945	55.81844	-40.80469	106.80000	0.00000	0.00000	0.09682 1,2,6
		946	55.91250	-41.28250	106.80000	0.00000	0.00000	0.09428 1,2,6
		947	56.00656	-41.76031	106.80000	0.00000	0.00000	0.09178 1,2,6
		948	56.10063	-42.23813	106.80000	0.00000	0.00000	0.08934 1,2,6
		949	56.19469	-42.71594	106.80000	0.00000	0.00000	0.08694 1,2,6
		950	56.28875	-43.19375	106.80000	0.00000	0.00000	0.08459 1,2,6
		951	56.38281	-43.67156	106.80000	0.00000	0.00000	0.08229 1,2,6
		952	56.47687	-44.14937	106.80000	0.00000	0.00000	0.08004 1,2,6
		953	56.57094	-44.62719	106.80000	0.00000	0.00000	0.07783 1,2,6
		954	56.66500	-45.10500	106.80000	0.00000	0.00000	0.07567 1,2,6
		955	56.75906	-45.58281	106.80000	0.00000	0.00000	0.07355 1,2,6
		956	56.85312	-46.06063	106.80000	0.00000	0.00000	0.07148 1,2,6
		957	56.94719	-46.53844	106.80000	0.00000	0.00000	0.06945 1,2,6
		958	57.04125	-47.01625	106.80000	0.00000	0.00000	0.06747 1,2,6
		959	57.13531	-47.49406	106.80000	0.00000	0.00000	0.06552 1,2,6
		960	57.22937	-47.97187	106.80000	0.00000	0.00000	0.06362 1,2,6
		961	57.32344	-48.44969	106.80000	0.00000	0.00000	0.06176 1,2,6
		962	57.41750	-48.92750	106.80000	0.00000	0.00000	0.05994 1,2,6
		963	57.51156	-49.40531	106.80000	0.00000	0.00000	0.05817 1,2,6
		964	57.60563	-49.88312	106.80000	0.00000	0.00000	0.05643 1,2,6
		965	57.69969	-50.36094	106.80000	0.00000	0.00000	0.05473 1,2,6
		966	57.79375	-50.83875	106.80000	0.00000	0.00000	0.05306 1,2,6
		967	57.88781	-51.31656	106.80000	0.00000	0.00000	0.05144 1,2,6
		968	57.98188	-51.79438	106.80000	0.00000	0.00000	0.04985 1,2,6
		969	58.07594	-52.27219	106.80000	0.00000	0.00000	0.04830 1,2,6
		970	58.17000	-52.75000	106.80000	0.00000	0.00000	0.04678 1,2,6
		971	57.81667	-52.84000	106.80000	0.00000	0.00000	0.04731 1,2,6
		972	57.46333	-52.93000	106.80000	0.00000	0.00000	0.04783 1,2,6
		973	57.11000	-53.02000	106.80000	0.00000	0.00000	0.04837 1,2,6
		974	57.20556	-53.48556	106.80000	0.00000	0.00000	0.04687 1,2,6
		975	57.30111	-53.95111	106.80000	0.00000	0.00000	0.04540 1,2,6
		976	57.39667	-54.41667	106.80000	0.00000	0.00000	0.04397 1,2,6
		977	57.49222	-54.88222	106.80000	0.00000	0.00000	0.04257 1,2,6
		978	57.58778	-55.34778	106.80000	0.00000	0.00000	0.04120 1,2,6
		979	57.68333	-55.81333	106.80000	0.00000	0.00000	0.03987 1,2,6
		980	57.77889	-56.27889	106.80000	0.00000	0.00000	0.03857 1,2,6
		981	57.87444	-56.74444	106.80000	0.00000	0.00000	0.03729 1,2,6
		982	57.97000	-57.21000	106.80000	0.00000	0.00000	0.03605 1,2,6
		983	57.49667	-57.30556	106.80000	0.00000	0.00000	0.03665 1,2,6
		984	57.02333	-57.40111	106.80000	0.00000	0.00000	0.03727 1,2,6
		985	56.55000	-57				

	Job No.	Sheet No.	Rev.
	Drg. Ref.		
Made by	Date 20-Sep-2024	Checked	Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]
		999	52.91500	-54.17500	106.80000	0.00000	0.00000	0.05497 1,2,6
		1000	52.81562	-53.68812	106.80000	0.00000	0.00000	0.05681 1,2,6
		1001	52.71625	-53.20125	106.80000	0.00000	0.00000	0.05870 1,2,6
		1002	52.61688	-52.71438	106.80000	0.00000	0.00000	0.06063 1,2,6
		1003	52.51750	-52.22750	106.80000	0.00000	0.00000	0.06262 1,2,6
		1004	52.41812	-51.74063	106.80000	0.00000	0.00000	0.06465 1,2,6
		1005	52.31875	-51.25375	106.80000	0.00000	0.00000	0.06674 1,2,6
		1006	52.21937	-50.76687	106.80000	0.00000	0.00000	0.06888 1,2,6
		1007	52.12000	-50.28000	106.80000	0.00000	0.00000	0.07107 1,2,6
		1008	51.65053	-50.37316	106.80000	0.00000	0.00000	0.07227 1,2,6
		1009	51.18105	-50.46632	106.80000	0.00000	0.00000	0.07349 1,2,6
		1010	50.71158	-50.55947	106.80000	0.00000	0.00000	0.07472 1,2,6
		1011	50.24211	-50.65263	106.80000	0.00000	0.00000	0.07598 1,2,6
		1012	49.77263	-50.74579	106.80000	0.00000	0.00000	0.07725 1,2,6
		1013	49.30316	-50.83895	106.80000	0.00000	0.00000	0.07854 1,2,6
		1014	48.83368	-50.93211	106.80000	0.00000	0.00000	0.07985 1,2,6
		1015	48.36421	-51.02526	106.80000	0.00000	0.00000	0.08117 1,2,6
		1016	47.89474	-51.11842	106.80000	0.00000	0.00000	0.08252 1,2,6
		1017	47.42526	-51.21158	106.80000	0.00000	0.00000	0.08388 1,2,6
		1018	46.95579	-51.30474	106.80000	0.00000	0.00000	0.08525 1,2,6
		1019	46.48632	-51.39789	106.80000	0.00000	0.00000	0.08664 1,2,6
		1020	46.01684	-51.49105	106.80000	0.00000	0.00000	0.08805 1,2,6
		1021	45.54737	-51.58421	106.80000	0.00000	0.00000	0.08947 1,2,6
		1022	45.07789	-51.67737	106.80000	0.00000	0.00000	0.09091 1,2,6
		1023	44.60842	-51.77053	106.80000	0.00000	0.00000	0.09235 1,2,6
		1024	44.13894	-51.86368	106.80000	0.00000	0.00000	0.09381 1,2,6
		1025	43.66947	-51.95684	106.80000	0.00000	0.00000	0.09529 1,2,6
		1026	43.20000	-52.05000	106.80000	0.00000	0.00000	0.09677 1,2,6
		1027	5.43000	57.47000	106.80000	0.00000	0.00000	0.13899 1,2,6
		1028	4.93316	57.45395	106.80000	0.00000	0.00000	0.13970 1,2,6
		1029	4.43632	57.43789	106.80000	0.00000	0.00000	0.14038 1,2,6
		1030	3.93947	57.42184	106.80000	0.00000	0.00000	0.14103 1,2,6
		1031	3.44263	57.40579	106.80000	0.00000	0.00000	0.14164 1,2,6
		1032	2.94579	57.38974	106.80000	0.00000	0.00000	0.14221 1,2,6
		1033	2.44895	57.37368	106.80000	0.00000	0.00000	0.14275 1,2,6
		1034	1.95211	57.35763	106.80000	0.00000	0.00000	0.14325 1,2,6
		1035	1.45526	57.34158	106.80000	0.00000	0.00000	0.14371 1,2,6
		1036	0.95842	57.32553	106.80000	0.00000	0.00000	0.14414 1,2,6
		1037	0.46158	57.30947	106.80000	0.00000	0.00000	0.14452 1,2,6
		1038	-0.03526	57.29342	106.80000	0.00000	0.00000	0.14486 1,2,6
		1039	-0.53211	57.27737	106.80000	0.00000	0.00000	0.14517 1,2,6
		1040	-1.02895	57.26132	106.80000	0.00000	0.00000	0.14543 1,2,6
		1041	-1.52579	57.24526	106.80000	0.00000	0.00000	0.14565 1,2,6
		1042	-2.02263	57.22921	106.80000	0.00000	0.00000	0.14583 1,2,6
		1043	-2.51947	57.21316	106.80000	0.00000	0.00000	0.14597 1,2,6
		1044	-3.01634	57.19711	106.80000	0.00000	0.00000	0.14607 1,2,6
		1045	-3.51316	57.18105	106.80000	0.00000	0.00000	0.14613 1,2,6
		1046	-4.01000	57.16500	106.80000	0.00000	0.00000	0.14614 1,2,6
		1047	-4.50684	57.14895	106.80000	0.00000	0.00000	0.14612 1,2,6
		1048	-5.00368	57.13289	106.80000	0.00000	0.00000	0.14605 1,2,6
		1049	-5.50053	57.11684	106.80000	0.00000	0.00000	0.14594 1,2,6
		1050	-5.99737	57.10079	106.80000	0.00000	0.00000	0.14579 1,2,6
		1051	-6.49421	57.08474	106.80000	0.00000	0.00000	0.14559 1,2,6
		1052	-6.99105	57.06868	106.80000	0.00000	0.00000	0.14536 1,2,6
		1053	-7.48789	57.05263	106.80000	0.00000	0.00000	0.14508 1,2,6
		1054	-7.98474	57.03658	106.80000	0.00000	0.00000	0.14476 1,2,6
		1055	-8.48158	57.02053	106.80000	0.00000	0.00000	0.14440 1,2,6
		1056	-8.97842	57.00447	106.80000	0.00000	0.00000	0.14400 1,2,6
		1057	-9.47526	56.98842	106.80000	0.00000	0.00000	0.14356 1,2,6
		1058	-9.97211	56.97237	106.80000	0.00000	0.00000	0.14308 1,2,6
		1059	-10.46895	56.95632	106.80000	0.00000	0.00000	0.14257 1,2,6
		1060	-10.96579	56.94026	106.80000	0.00000	0.00000	0.14201 1,2,6
		1061	-11.46263	56.92421	106.80000	0.00000	0.00000	0.14141 1,2,6
		1062	-11.95947	56.90816	106.80000	0.00000	0.00000	0.14078 1,2,6
		1063	-12.45632	56.89211	106.80000	0.00000	0.00000	0.14011 1,2,6
		1064	-12.95316	56.87605	106.80000	0.00000	0.00000	0.13940 1,2,6
		1065	-13.45000	56.86000	106.80000	0.00000	0.00000	0.13866 1,2,6
		1066	5.43000	49.32000	106.80000	0.00000	0.00000	0.25224 1,2,6
		1067	5.43000	49.79941	106.80000	0.00000	0.00000	0.24350 1,2,6
		1068	5.43000	50.27882	106.80000	0.00000	0.00000	0.23508 1,2,6
		1069	5.43000	50.75824	106.80000	0.00000	0.00000	0.22636 1,2,6
		1070	5.43000	51.23765	106.80000	0.00000	0.00000	0.21912 1,2,6
		1071	5.43000	51.71706	106.80000	0.00000	0.00000	0.21157 1,2,6
		1072	5.43000	52.19647	106.80000	0.00000	0.00000	0.20428 1,2,6
		1073	5.43000	52.67588	106.80000	0.00000	0.00000	0.19725 1,2,6
		1074	5.43000	53.15529	106.80000	0.00000	0.00000	0.19046 1,2,6
		1075	5.43000	53.63471	106.80000	0.00000	0.00000	0.18391 1,2,6
		1076	5.43000	54.11412	106.80000	0.00000	0.00000	0.17758 1,2,6
		1077	5.43000	54.59353	106.80000	0.00000	0.00000	0.17148 1,2,6
		1078	5.43000	55.07294	106.80000	0.00000	0.00000	0.16558 1,2,6
		1079	5.43000	55.55235	106.80000	0.00000	0.00000	0.15989 1,2,6
		1080	5.43000	56.03176	106.80000	0.00000	0.00000	0.15439 1,2,6
		1081	5.43000	56.51118	106.80000	0.00000	0.00000	0.14908 1,2,6
		1082	5.43000	56.99059	106.80000	0.00000	0.00000	0.14394 1,2,6
		1083	3.28000	49.32000	106.80000	0.00000	0.00000	0.25685 1,2,6
		1084	3.71000	49.32000	106.80000	0.00000	0.00000	0.25604 1,2,6
		1085	4.14000	49.32000	106.80000	0.00000	0.00000	0.25518 1,2,6
		1086	4.57000	49.32000	106.80000	0.00000	0.00000	0.25426 1,2,6
		1087	5.00000	49.32000	106.80000	0.00000	0.00000	0.25328 1,2,6
		1088	3.26000	32.61000	106.80000	0.00000	0.00000	0.95953 1,2,6
		1089	3.26059	33.10147	106.80000	0.00000	0.00000	0.91930 1,2,6
		1090	3.26118	33.59294	106.80000	0.00000	0.00000	0.88110 1,2,6
		1091	3.26176	34.08441	106.80000	0.00000	0.00000	0.84480 1,2,6
		1092	3.26235	34.57588	106.80000	0.00000	0.00000	0.81028 1,2,6
		1093	3.26294	35.06735	106.80000	0.00000	0.00000	0.77744 1,2,6
		1094	3.26353	35.55882	106.80000	0.00000	0.00000	0.74616 1,2,6
		1095	3.26412	36.05029	106.80000	0.00000	0.00000	0.71636 1,2,6
		1096	3.26471	36.54176	106.80000	0.00000	0.00000	0.68795 1,2,6
		1097	3.26529	37.03324	106.80000	0.00000	0.00000	0.66085 1,2,6
		1098	3.26588	37.52471	106.80000	0.00000	0.00000	0.63499 1,2,6
		1099	3.26647	38.01619	106.80000	0.00000	0.00000	0.61023 1,2,6
		1100	3.26706	38.50765	106.80000	0.00000	0.00000	0.58669 1,2,6
		1101	3.26765	38.99912	106.80000	0.00000	0.00000	0.56413 1,2,6
		1102	3.26824	39.49059	106.80000	0.00000	0.00000	0.54256 1,2,6
		1103	3.26882	39.98206	106.80000	0.00000	0.00000	0.52192 1,2,6
		1104	3.26941	40.47353	106.80000	0.00000	0.00000	0.50216 1,2,6
		1105	3.27000	40.96500	106.80000	0.00000	0.00000	0.48324 1,2,6
		1106	3.27059	41.45647	106.80000	0.00000	0.00000	0.46512 1,2,6
		1107	3.27118	41.94794	106.80000	0.00000	0.00000	0.44775 1,2,6
		1108	3.27176	42.43941	106.80000	0.00000	0.00000	0.43110 1,2,6
		1109	3.27235	42.93088	106.80000	0.00000	0.00000	0.41513 1,2,6
		1110	3.27294	43.42235	106.80000	0.00000	0.00000	0.39981 1,2,6
		1111	3.27353	43.91382	106.80000	0.00000	0.00000	0.38511 1,2,6
		1112	3.27412	44.40529	106.80000	0.00000	0.00000	0.37100 1,2,6
		1113	3.27471	44.89676	106.80000	0.00000	0.00000	0.35745 1,2,6
		1114	3.27529	45.38824	106.80000	0.00000	0.00000	0.34443 1,2,6

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Oasys								Job No.	Sheet No.	Rev.			
								Drg. Ref.					
								Made by	Date	Checked	Date		
								20-Sep-2024					
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]					
		1259	6.03000	67.81500	106.80000	0.00000	0.00000	0.06387	1,2,6				
		1260	6.02267	67.32800	106.80000	0.00000	0.00000	0.06632	1,2,6				
		1261	6.01533	66.84100	106.80000	0.00000	0.00000	0.06885	1,2,6				
		1262	6.00800	66.35400	106.80000	0.00000	0.00000	0.07147	1,2,6				
		1263	6.00067	65.86700	106.80000	0.00000	0.00000	0.07417	1,2,6				
		1264	5.99333	65.38000	106.80000	0.00000	0.00000	0.07697	1,2,6				
		1265	5.98600	64.89300	106.80000	0.00000	0.00000	0.07986	1,2,6				
		1266	5.97867	64.40600	106.80000	0.00000	0.00000	0.08285	1,2,6				
		1267	5.97133	63.91900	106.80000	0.00000	0.00000	0.08594	1,2,6				
		1268	5.96400	63.43200	106.80000	0.00000	0.00000	0.08913	1,2,6				
		1269	5.95667	62.94500	106.80000	0.00000	0.00000	0.09244	1,2,6				
		1270	5.94933	62.45800	106.80000	0.00000	0.00000	0.09586	1,2,6				
		1271	5.94200	61.97100	106.80000	0.00000	0.00000	0.09939	1,2,6				
		1272	5.93467	61.48400	106.80000	0.00000	0.00000	0.10305	1,2,6				
		1273	5.92733	60.99700	106.80000	0.00000	0.00000	0.10683	1,2,6				
		1274	5.92000	60.51000	106.80000	0.00000	0.00000	0.11074	1,2,6				
		1275	5.42286	60.51857	106.80000	0.00000	0.00000	0.11112	1,2,6				
		1276	4.92571	60.52714	106.80000	0.00000	0.00000	0.11146	1,2,6				
		1277	4.42857	60.53571	106.80000	0.00000	0.00000	0.11178	1,2,6				
		1278	3.93143	60.54429	106.80000	0.00000	0.00000	0.11207	1,2,6				
		1279	3.43429	60.55286	106.80000	0.00000	0.00000	0.11233	1,2,6				
		1280	2.93714	60.56143	106.80000	0.00000	0.00000	0.11256	1,2,6				
		1281	2.44000	60.57000	106.80000	0.00000	0.00000	0.11276	1,2,6				
		1282	2.44667	60.90667	106.80000	0.00000	0.00000	0.10997	1,2,6				
		1283	2.45333	61.24333	106.80000	0.00000	0.00000	0.10725	1,2,6				
		1284	2.46000	61.58000	106.80000	0.00000	0.00000	0.10460	1,2,6				
		1285	1.97300	61.58750	106.80000	0.00000	0.00000	0.10476	1,2,6				
		1286	1.48600	61.59500	106.80000	0.00000	0.00000	0.10489	1,2,6				
		1287	0.99900	61.60250	106.80000	0.00000	0.00000	0.10499	1,2,6				
		1288	0.51200	61.61000	106.80000	0.00000	0.00000	0.10507	1,2,6				
		1289	0.02500	61.61750	106.80000	0.00000	0.00000	0.10513	1,2,6				
		1290	-0.46200	61.62500	106.80000	0.00000	0.00000	0.10515	1,2,6				
		1291	-0.94900	61.63250	106.80000	0.00000	0.00000	0.10515	1,2,6				
		1292	-1.43600	61.64000	106.80000	0.00000	0.00000	0.10513	1,2,6				
		1293	-1.92300	61.64750	106.80000	0.00000	0.00000	0.10507	1,2,6				
		1294	-2.41000	61.65500	106.80000	0.00000	0.00000	0.10499	1,2,6				
		1295	-2.89700	61.66250	106.80000	0.00000	0.00000	0.10488	1,2,6				
		1296	-3.38400	61.67000	106.80000	0.00000	0.00000	0.10475	1,2,6				
		1297	-3.87100	61.67750	106.80000	0.00000	0.00000	0.10459	1,2,6				
		1298	-4.35800	61.68500	106.80000	0.00000	0.00000	0.10440	1,2,6				
		1299	-4.84500	61.69250	106.80000	0.00000	0.00000	0.10418	1,2,6				
		1300	-5.33200	61.70000	106.80000	0.00000	0.00000	0.10394	1,2,6				
		1301	-5.81900	61.70750	106.80000	0.00000	0.00000	0.10367	1,2,6				
		1302	-6.30600	61.71500	106.80000	0.00000	0.00000	0.10338	1,2,6				
		1303	-6.79300	61.72250	106.80000	0.00000	0.00000	0.10306	1,2,6				
		1304	-7.28000	61.73000	106.80000	0.00000	0.00000	0.10271	1,2,6				
		1305	-7.72750	62.21917	106.80000	0.00000	0.00000	0.09903	1,2,6				
		1306	-7.26500	62.70833	106.80000	0.00000	0.00000	0.09546	1,2,6				
		1307	-7.25750	63.19750	106.80000	0.00000	0.00000	0.09202	1,2,6				
		1308	-7.25000	63.68667	106.80000	0.00000	0.00000	0.08869	1,2,6				
		1309	-7.24250	64.17583	106.80000	0.00000	0.00000	0.08547	1,2,6				
		1310	-7.23500	64.66500	106.80000	0.00000	0.00000	0.08236	1,2,6				
		1311	-7.22750	65.15417	106.80000	0.00000	0.00000	0.07936	1,2,6				
		1312	-7.22000	65.64333	106.80000	0.00000	0.00000	0.07645	1,2,6				
		1313	-7.21250	66.13250	106.80000	0.00000	0.00000	0.07364	1,2,6				
		1314	-7.20500	66.62167	106.80000	0.00000	0.00000	0.07092	1,2,6				
		1315	-7.19750	67.11083	106.80000	0.00000	0.00000	0.06829	1,2,6				
		1316	-7.19000	67.60000	106.80000	0.00000	0.00000	0.06575	1,2,6				
		1317	-6.75000	67.60750	106.80000	0.00000	0.00000	0.06587	1,2,6				
		1318	-6.31000	67.61500	106.80000	0.00000	0.00000	0.06598	1,2,6				
		1319	-5.87000	67.62250	106.80000	0.00000	0.00000	0.06608	1,2,6				
		1320	-5.43000	67.63000	106.80000	0.00000	0.00000	0.06616	1,2,6				
		1321	-5.42478	68.10913	106.80000	0.00000	0.00000	0.06374	1,2,6				
		1322	-5.41957	68.58826	106.80000	0.00000	0.00000	0.06139	1,2,6				
		1323	-5.41435	69.06739	106.80000	0.00000	0.00000	0.05912	1,2,6				
		1324	-5.40913	69.54652	106.80000	0.00000	0.00000	0.05692	1,2,6				
		1325	-5.40391	70.02565	106.80000	0.00000	0.00000	0.05479	1,2,6				
		1326	-5.39870	70.50478	106.80000	0.00000	0.00000	0.05273	1,2,6				
		1327	-5.39348	70.98391	106.80000	0.00000	0.00000	0.05073	1,2,6				
		1328	-5.38826	71.46304	106.80000	0.00000	0.00000	0.04880	1,2,6				
		1329	-5.38304	71.94217	106.80000	0.00000	0.00000	0.04693	1,2,6				
		1330	-5.37783	72.42130	106.80000	0.00000	0.00000	0.04512	1,2,6				
		1331	-5.37261	72.90043	106.80000	0.00000	0.00000	0.04337	1,2,6				
		1332	-5.36739	73.37957	106.80000	0.00000	0.00000	0.04167	1,2,6				
		1333	-5.36217	73.85870	106.80000	0.00000	0.00000	0.04003	1,2,6				
		1334	-5.35696	74.33783	106.80000	0.00000	0.00000	0.03844	1,2,6				
		1335	-5.35174	74.81696	106.80000	0.00000	0.00000	0.03690	1,2,6				
		1336	-5.34652	75.29609	106.80000	0.00000	0.00000	0.03541	1,2,6				
		1337	-5.34130	75.77522	106.80000	0.00000	0.00000	0.03396	1,2,6				
		1338	-5.33609	76.25435	106.80000	0.00000	0.00000	0.03257	1,2,6				
		1339	-5.33087	76.73348	106.80000	0.00000	0.00000	0.03121	1,2,6				
		1340	-5.32565	77.21261	106.80000	0.00000	0.00000	0.02990	1,2,6				
		1341	-5.32043	77.69174	106.80000	0.00000	0.00000	0.02863	1,2,6				
		1342	-5.31522	78.17087	106.80000	0.00000	0.00000	0.02740	1,2,6				
		1343	15.72000	105.18000	106.80000	0.00000	0.00000	-0.00425	1,2,6				
		1344	15.23711	105.27132	106.80000	0.00000	0.00000	-0.00427	1,2,6				

	Job No.	Sheet No.	Rev.
	Drg. Ref.		
Made by	Date 20-Sep-2024	Checked	Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]
		1389	11.52075	89.54625	106.80000	0.00000	0.00000	0.00669 1,2,6
		1390	11.64800	90.02000	106.80000	0.00000	0.00000	0.00615 1,2,6
		1391	11.77525	90.49375	106.80000	0.00000	0.00000	0.00564 1,2,6
		1392	11.90250	90.96750	106.80000	0.00000	0.00000	0.00513 1,2,6
		1393	12.02975	91.44125	106.80000	0.00000	0.00000	0.00465 1,2,6
		1394	12.15700	91.91500	106.80000	0.00000	0.00000	0.00417 1,2,6
		1395	12.28425	92.38875	106.80000	0.00000	0.00000	0.00372 1,2,6
		1396	12.41150	92.86250	106.80000	0.00000	0.00000	0.00328 1,2,6
		1397	12.53875	93.33625	106.80000	0.00000	0.00000	0.00285 1,2,6
		1398	12.66600	93.81000	106.80000	0.00000	0.00000	0.00244 1,2,6
		1399	12.79325	94.28375	106.80000	0.00000	0.00000	0.00204 1,2,6
		1400	12.92050	94.75750	106.80000	0.00000	0.00000	0.00165 1,2,6
		1401	13.04775	95.23125	106.80000	0.00000	0.00000	0.00127 1,2,6
		1402	13.17500	95.70500	106.80000	0.00000	0.00000	0.00091 1,2,6
		1403	13.30225	96.17875	106.80000	0.00000	0.00000	0.00056 1,2,6
		1404	13.42950	96.65250	106.80000	0.00000	0.00000	0.00022 1,2,6
		1405	13.55675	97.12625	106.80000	0.00000	0.00000	-0.00010 1,2,6
		1406	13.68400	97.60000	106.80000	0.00000	0.00000	-0.00042 1,2,6
		1407	13.81125	98.07375	106.80000	0.00000	0.00000	-0.00073 1,2,6
		1408	13.93850	98.54750	106.80000	0.00000	0.00000	-0.00102 1,2,6
		1409	14.06575	99.02125	106.80000	0.00000	0.00000	-0.00131 1,2,6
		1410	14.19300	99.49500	106.80000	0.00000	0.00000	-0.00159 1,2,6
		1411	14.32025	99.96875	106.80000	0.00000	0.00000	-0.00185 1,2,6
		1412	14.44750	100.44250	106.80000	0.00000	0.00000	-0.00211 1,2,6
		1413	14.57475	100.91625	106.80000	0.00000	0.00000	-0.00236 1,2,6
		1414	14.70200	101.39000	106.80000	0.00000	0.00000	-0.00260 1,2,6
		1415	14.82925	101.86375	106.80000	0.00000	0.00000	-0.00284 1,2,6
		1416	14.95650	102.33750	106.80000	0.00000	0.00000	-0.00306 1,2,6
		1417	15.08375	102.81125	106.80000	0.00000	0.00000	-0.00328 1,2,6
		1418	15.21100	103.28500	106.80000	0.00000	0.00000	-0.00349 1,2,6
		1419	15.33825	103.75875	106.80000	0.00000	0.00000	-0.00369 1,2,6
		1420	15.46550	104.23250	106.80000	0.00000	0.00000	-0.00388 1,2,6
		1421	15.59275	104.70625	106.80000	0.00000	0.00000	-0.00407 1,2,6
		1422	8.99000	86.58000	106.80000	0.00000	0.00000	0.01070 1,2,6
		1423	9.40000	86.49250	106.80000	0.00000	0.00000	0.01077 1,2,6
		1424	9.81000	86.40500	106.80000	0.00000	0.00000	0.01084 1,2,6
		1425	10.22000	86.31750	106.80000	0.00000	0.00000	0.01091 1,2,6
		1426	7.56000	79.23000	106.80000	0.00000	0.00000	0.02417 1,2,6
		1427	7.65533	79.72000	106.80000	0.00000	0.00000	0.02305 1,2,6
		1428	7.75067	80.21000	106.80000	0.00000	0.00000	0.02196 1,2,6
		1429	7.84600	80.70000	106.80000	0.00000	0.00000	0.02092 1,2,6
		1430	7.94133	81.19000	106.80000	0.00000	0.00000	0.01990 1,2,6
		1431	8.03667	81.68000	106.80000	0.00000	0.00000	0.01892 1,2,6
		1432	8.13200	82.17000	106.80000	0.00000	0.00000	0.01797 1,2,6
		1433	8.22733	82.66000	106.80000	0.00000	0.00000	0.01705 1,2,6
		1434	8.32267	83.15000	106.80000	0.00000	0.00000	0.01616 1,2,6
		1435	8.41800	83.64000	106.80000	0.00000	0.00000	0.01530 1,2,6
		1436	8.51333	84.13000	106.80000	0.00000	0.00000	0.01447 1,2,6
		1437	8.60867	84.62000	106.80000	0.00000	0.00000	0.01367 1,2,6
		1438	8.70400	85.11000	106.80000	0.00000	0.00000	0.01289 1,2,6
		1439	8.79933	85.60000	106.80000	0.00000	0.00000	0.01213 1,2,6
		1440	8.89467	86.09000	106.80000	0.00000	0.00000	0.01140 1,2,6
		1441	-3.85000	80.93000	106.80000	0.00000	0.00000	0.02115 1,2,6
		1442	-3.37458	80.85917	106.80000	0.00000	0.00000	0.02133 1,2,6
		1443	-2.89917	80.78833	106.80000	0.00000	0.00000	0.02150 1,2,6
		1444	-2.42375	80.71750	106.80000	0.00000	0.00000	0.02167 1,2,6
		1445	-1.94833	80.64667	106.80000	0.00000	0.00000	0.02184 1,2,6
		1446	-1.47292	80.57583	106.80000	0.00000	0.00000	0.02200 1,2,6
		1447	-0.99750	80.50500	106.80000	0.00000	0.00000	0.02216 1,2,6
		1448	-0.52208	80.43417	106.80000	0.00000	0.00000	0.02231 1,2,6
		1449	-0.04667	80.36333	106.80000	0.00000	0.00000	0.02246 1,2,6
		1450	0.42875	80.29250	106.80000	0.00000	0.00000	0.02260 1,2,6
		1451	0.90417	80.22167	106.80000	0.00000	0.00000	0.02274 1,2,6
		1452	1.37958	80.15083	106.80000	0.00000	0.00000	0.02288 1,2,6
		1453	1.85500	80.08000	106.80000	0.00000	0.00000	0.02301 1,2,6
		1454	2.33044	80.00917	106.80000	0.00000	0.00000	0.02313 1,2,6
		1455	2.80583	79.93833	106.80000	0.00000	0.00000	0.02325 1,2,6
		1456	3.28125	79.86750	106.80000	0.00000	0.00000	0.02336 1,2,6
		1457	3.75667	79.79667	106.80000	0.00000	0.00000	0.02347 1,2,6
		1458	4.23208	79.72583	106.80000	0.00000	0.00000	0.02358 1,2,6
		1459	4.70750	79.65500	106.80000	0.00000	0.00000	0.02368 1,2,6
		1460	5.18292	79.58417	106.80000	0.00000	0.00000	0.02377 1,2,6
		1461	5.65833	79.51333	106.80000	0.00000	0.00000	0.02386 1,2,6
		1462	6.13375	79.44250	106.80000	0.00000	0.00000	0.02394 1,2,6
		1463	6.60917	79.37167	106.80000	0.00000	0.00000	0.02402 1,2,6
		1464	7.08458	79.30083	106.80000	0.00000	0.00000	0.02410 1,2,6
		1465	-0.21000	103.06000	106.80000	0.00000	0.00000	-0.00306 1,2,6
		1466	-0.29089	102.56822	106.80000	0.00000	0.00000	-0.00283 1,2,6
		1467	-0.37178	102.07644	106.80000	0.00000	0.00000	-0.00259 1,2,6
		1468	-0.45267	101.58467	106.80000	0.00000	0.00000	-0.00234 1,2,6
		1469	-0.53356	101.09289	106.80000	0.00000	0.00000	-0.00208 1,2,6
		1470	-0.61444	100.60111	106.80000	0.00000	0.00000	-0.00182 1,2,6
		1471	-0.69533	100.10933	106.80000	0.00000	0.00000	-0.00154 1,2,6
		1472	-0.77622	99.61756	106.80000	0.00000	0.00000	-0.00125 1,2,6
		1473	-0.85711	99.12578	106.80000	0.00000	0.00000	-0.00096 1,2,6
		1474	-0.93800	98.63400	106.80000	0.00000	0.00000	-0.00065 1,2,6
		1475	-1.01889	98.14222	106.80000	0.00000	0.00000	-0.00033 1,2,6
		1476	-1.09978	97.65044	106.80000	0.00000	0.00000	-0.00000 1,2,6
		1477	-1.18067	97.15867	106.80000	0.00000	0.00000	0.00034 1,2,6
		1478	-1.26156	96.66689	106.80000	0.00000	0.00000	0.00069 1,2,6
		1479	-1.34244	96.17511	106.80000	0.00000	0.00000	0.00105 1,2,6
		1480	-1.42333	95.68333	106.80000	0.00000	0.00000	0.00143 1,2,6
		1481	-1.50422	95.19156	106.80000	0.00000	0.00000	0.00182 1,2,6
		1482	-1.58511	94.69978	106.80000	0.00000	0.00000	0.00222 1,2,6
		1483	-1.66600	94.20800	106.80000	0.00000	0.00000	0.00264 1,2,6
		1484	-1.74689	93.71622	106.80000	0.00000	0.00000	0.00307 1,2,6
		1485	-1.82778	93.22444	106.80000	0.00000	0.00000	0.00352 1,2,6
		1486	-1.90867	92.73267	106.80000	0.00000	0.00000	0.00398 1,2,6
		1487	-1.98956	92.24089	106.80000	0.00000	0.00000	0.00446 1,2,6
		1488	-2.07044	91.74911	106.80000	0.00000	0.00000	0.00495 1,2,6
		1489	-2.15133	91.25733	106.80000	0.00000	0.00000	0.00546 1,2,6
		1490	-2.23222	90.76556	106.80000	0.00000	0.00000	0.00599 1,2,6
		1491	-2.31311	90.27378	106.80000	0.00000	0.00000	0.00653 1,2,6
		1492	-2.39400	89.78200	106.80000	0.00000	0.00000	0.00710 1,2,6
		1493	-2.47489	89.29022	106.80000	0.00000	0.00000	0.00768 1,2,6
		1494	-2.55578	88.79844	106.80000	0.00000	0.00000	0.00828 1,2,6
		1495	-2.63667	88.30667	106.80000	0.00000	0.00000	0.00890 1,2,6
		1496	-2.71756	87.81489	106.80000	0.00000	0.00000	0.00955 1,2,6
		1497	-2.79844	87.32311	106.80000	0.00000	0.00000	0.01021 1,2,6
		1498	-2.87933	86.83133	106.80000	0.00000	0.00000	0.01090 1,2,6
		1499	-2.96022	86.33956	106.80000	0.00000	0.00000	0.01161 1,2,6
		1500	-3.04111	85.84778	106.80000	0.00000	0.00000	0.01234 1,2,6
		1501	-3.12200	85.35600	106.80000	0.00000	0.00000	0.01310 1,2,6
		1502	-3.20289	84.86422	106.80000	0.00000	0.00000	0.01388 1,2,6
		1503	-3.28378	84.37244	106.80000	0.00000	0.00000	0.01469 1,2,6
		1504	-3.36467	83.88067	106.80000	0.00000	0.00000	

Oasys							Job No.	Sheet No.	Rev.
							Drg. Ref.		
							Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		1519	-2.88636	107.30545	106.80000	0.00000	0.00000	-0.00475 1,2,6	
		1520	-2.97182	106.85727	106.80000	0.00000	0.00000	-0.00460 1,2,6	
		1521	-3.05727	106.40909	106.80000	0.00000	0.00000	-0.00445 1,2,6	
		1522	-3.14273	105.96091	106.80000	0.00000	0.00000	-0.00428 1,2,6	
		1523	-3.22818	105.51273	106.80000	0.00000	0.00000	-0.00411 1,2,6	
		1524	-3.31364	105.06455	106.80000	0.00000	0.00000	-0.00394 1,2,6	
		1525	-3.39909	104.61636	106.80000	0.00000	0.00000	-0.00376 1,2,6	
		1526	-3.48455	104.16818	106.80000	0.00000	0.00000	-0.00357 1,2,6	
		1527	16.46000	127.30000	106.80000	0.00000	0.00000	-0.00791 1,2,6	
		1528	15.98111	127.40852	106.80000	0.00000	0.00000	-0.00791 1,2,6	
		1529	15.50222	127.51704	106.80000	0.00000	0.00000	-0.00792 1,2,6	
		1530	15.02333	127.62556	106.80000	0.00000	0.00000	-0.00792 1,2,6	
		1531	14.54444	127.73407	106.80000	0.00000	0.00000	-0.00792 1,2,6	
		1532	14.06556	127.84259	106.80000	0.00000	0.00000	-0.00792 1,2,6	
		1533	13.58667	127.95111	106.80000	0.00000	0.00000	-0.00793 1,2,6	
		1534	13.10778	128.05963	106.80000	0.00000	0.00000	-0.00793 1,2,6	
		1535	12.62889	128.16815	106.80000	0.00000	0.00000	-0.00793 1,2,6	
		1536	12.15000	128.27667	106.80000	0.00000	0.00000	-0.00794 1,2,6	
		1537	11.67111	128.38519	106.80000	0.00000	0.00000	-0.00794 1,2,6	
		1538	11.19222	128.49370	106.80000	0.00000	0.00000	-0.00794 1,2,6	
		1539	10.71333	128.60222	106.80000	0.00000	0.00000	-0.00794 1,2,6	
		1540	10.23444	128.71074	106.80000	0.00000	0.00000	-0.00794 1,2,6	
		1541	9.75556	128.81926	106.80000	0.00000	0.00000	-0.00795 1,2,6	
		1542	9.27667	128.92778	106.80000	0.00000	0.00000	-0.00795 1,2,6	
		1543	8.79778	129.03630	106.80000	0.00000	0.00000	-0.00795 1,2,6	
		1544	8.31889	129.14481	106.80000	0.00000	0.00000	-0.00795 1,2,6	
		1545	7.84000	129.25333	106.80000	0.00000	0.00000	-0.00795 1,2,6	
		1546	7.36111	129.36185	106.80000	0.00000	0.00000	-0.00796 1,2,6	
		1547	6.88222	129.47037	106.80000	0.00000	0.00000	-0.00796 1,2,6	
		1548	6.40333	129.57889	106.80000	0.00000	0.00000	-0.00796 1,2,6	
		1549	5.92444	129.68741	106.80000	0.00000	0.00000	-0.00796 1,2,6	
		1550	5.44556	129.79593	106.80000	0.00000	0.00000	-0.00796 1,2,6	
		1551	4.96667	129.90444	106.80000	0.00000	0.00000	-0.00796 1,2,6	
		1552	4.48778	130.01296	106.80000	0.00000	0.00000	-0.00797 1,2,6	
		1553	4.00889	130.12148	106.80000	0.00000	0.00000	-0.00797 1,2,6	
		1554	3.53000	130.23000	106.80000	0.00000	0.00000	-0.00797 1,2,6	
		1555	13.15000	111.25000	106.80000	0.00000	0.00000	-0.00600 1,2,6	
		1556	13.25030	111.73636	106.80000	0.00000	0.00000	-0.00611 1,2,6	
		1557	13.35061	112.22273	106.80000	0.00000	0.00000	-0.00622 1,2,6	
		1558	13.45091	112.70909	106.80000	0.00000	0.00000	-0.00632 1,2,6	
		1559	13.55121	113.19545	106.80000	0.00000	0.00000	-0.00642 1,2,6	
		1560	13.65152	113.68182	106.80000	0.00000	0.00000	-0.00652 1,2,6	
		1561	13.75182	114.16818	106.80000	0.00000	0.00000	-0.00661 1,2,6	
		1562	13.85212	114.65455	106.80000	0.00000	0.00000	-0.00669 1,2,6	
		1563	13.95242	115.14091	106.80000	0.00000	0.00000	-0.00678 1,2,6	
		1564	14.05273	115.62727	106.80000	0.00000	0.00000	-0.00686 1,2,6	
		1565	14.15303	116.11364	106.80000	0.00000	0.00000	-0.00693 1,2,6	
		1566	14.25333	116.60000	106.80000	0.00000	0.00000	-0.00701 1,2,6	
		1567	14.35364	117.08636	106.80000	0.00000	0.00000	-0.00708 1,2,6	
		1568	14.45394	117.57273	106.80000	0.00000	0.00000	-0.00714 1,2,6	
		1569	14.55424	118.05909	106.80000	0.00000	0.00000	-0.00721 1,2,6	
		1570	14.65455	118.54545	106.80000	0.00000	0.00000	-0.00727 1,2,6	
		1571	14.75485	119.03182	106.80000	0.00000	0.00000	-0.00732 1,2,6	
		1572	14.85515	119.51818	106.80000	0.00000	0.00000	-0.00738 1,2,6	
		1573	14.95545	120.00455	106.80000	0.00000	0.00000	-0.00743 1,2,6	
		1574	15.05575	120.49091	106.80000	0.00000	0.00000	-0.00748 1,2,6	
		1575	15.15606	120.97727	106.80000	0.00000	0.00000	-0.00752 1,2,6	
		1576	15.25636	121.46364	106.80000	0.00000	0.00000	-0.00756 1,2,6	
		1577	15.35667	121.95000	106.80000	0.00000	0.00000	-0.00761 1,2,6	
		1578	15.45697	122.43636	106.80000	0.00000	0.00000	-0.00764 1,2,6	
		1579	15.55727	122.92273	106.80000	0.00000	0.00000	-0.00768 1,2,6	
		1580	15.65758	123.40909	106.80000	0.00000	0.00000	-0.00771 1,2,6	
		1581	15.75788	123.89545	106.80000	0.00000	0.00000	-0.00775 1,2,6	
		1582	15.85818	124.38182	106.80000	0.00000	0.00000	-0.00777 1,2,6	
		1583	15.95848	124.86818	106.80000	0.00000	0.00000	-0.00780 1,2,6	
		1584	16.05879	125.35455	106.80000	0.00000	0.00000	-0.00783 1,2,6	
		1585	16.15909	125.84091	106.80000	0.00000	0.00000	-0.00785 1,2,6	
		1586	16.25939	126.32727	106.80000	0.00000	0.00000	-0.00787 1,2,6	
		1587	16.35970	126.81364	106.80000	0.00000	0.00000	-0.00789 1,2,6	
		1588	7.06000	112.63000	106.80000	0.00000	0.00000	-0.00623 1,2,6	
		1589	7.52046	112.52385	106.80000	0.00000	0.00000	-0.00621 1,2,6	
		1590	7.99692	112.41769	106.80000	0.00000	0.00000	-0.00619 1,2,6	
		1591	8.46538	112.31154	106.80000	0.00000	0.00000	-0.00618 1,2,6	
		1592	8.93385	112.20538	106.80000	0.00000	0.00000	-0.00616 1,2,6	
		1593	9.40231	112.09923	106.80000	0.00000	0.00000	-0.00614 1,2,6	
		1594	9.87077	111.99308	106.80000	0.00000	0.00000	-0.00612 1,2,6	
		1595	10.33923	111.88692	106.80000	0.00000	0.00000	-0.00610 1,2,6	
		1596	10.80769	111.78077	106.80000	0.00000	0.00000	-0.00608 1,2,6	
		1597	11.27615	111.67462	106.80000	0.00000	0.00000	-0.00607 1,2,6	
		1598	11.74462	111.56846	106.80000	0.00000	0.00000	-0.00605 1,2,6	
		1599	12.21308	111.46231	106.80000	0.00000	0.00000	-0.00603 1,2,6	
		1600	12.68154	111.35615	106.80000	0.00000	0.00000	-0.00601 1,2,6	
		1601	7.79000	116.16000	106.80000	0.00000	0.00000	-0.00689 1,2,6	
		1602	7.69875	115.71875	106.80000	0.00000	0.00000	-0.00682 1,2,6	
		1603	7.60750	115.27750	106.80000	0.00000	0.00000	-0.00674 1,2,6	
		1604	7.51625	114.83625	106.80000	0.00000	0.00000	-0.00667 1,2,6	
		1605	7.42500	114.39500	106.80000	0.00000	0.00000	-0.00659 1,2,6	
		1606	7.33375	113.95375	106.80000	0.00000	0.00000	-0.00650 1,2,6	
		1607	7.24250	113.51250	106.80000	0.00000	0.00000	-0.00642 1,2,6	
		1608	7.15125	113.07125	106.80000	0.00000	0.00000	-0.00633 1,2,6	
		1609	0.34000	117.81000	106.80000	0.00000	0.00000	-0.00710 1,2,6	
		1610	0.80563	117.70687	106.80000	0.00000	0.00000	-0.00709 1,2,6	
		1611	1.27125	117.60375	106.80000	0.00000	0.00000	-0.00707 1,2,6	
		1612	1.73688	117.50062	106.80000	0.00000	0.00000	-0.00706 1,2,6	
		1613	2.20250	117.39750	106.80000	0.00000	0.00000	-0.00705 1,2,6	
		1614	2.66812	117.29438	106.80000	0.00000	0.00000	-0.00703 1,2,6	
		1615	3.13375	117.19125	106.80000	0.00000	0.00000	-0.00702 1,2,6	
		1616	3.59937	117.08813	106.80000	0.00000	0.00000	-0.00701 1,2,6	
		1617	4.06500	116.98500	106.80000	0.00000	0.00000	-0.00699 1,2,6	
		1618	4.53062	116.88187	106.80000	0.00000	0.00000	-0.00698 1,2,6	
		1619	4.99625	116.77875	106.80000	0.00000	0.00000	-0.00697 1,2,6	
		1620	5.46187	116.67562	106.80000	0.00000	0.00000	-0.00695 1,2,6	
		1621	5.92750	116.57250	106.80000	0.00000	0.00000	-0.00694 1,2,6	
		1622	6.39313	116.46937	106.80000	0.00000	0.00000	-0.00693 1,2,6	
		1623	6.85875	116.36625	106.80000	0.00000	0.00000	-0.00691 1,2,6	
		1624	7.32437	116.26313	106.80000	0.00000	0.00000	-0.00690 1,2,6	
		1625	3.40731	129.75231	106.80000	0.00000	0.00000	-0.00796 1,2,6	
		1626	3.28462	129.27462	106.80000	0.00000	0.00000	-0.00795 1,2,6	
		1627	3.16192	128.79692	106.80000	0.00000	0.00000	-0.00793 1,2,6	
		1628	3.03923	128.31923	106.8000				

	Job No.	Sheet No.	Rev.
	Drg. Ref.		
Made by	Date 20-Sep-2024	Checked	Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]
		1649	0.46269	118.28769	106.80000	0.00000	0.00000	-0.00716 1,2,6
		1650	25.41000	154.93000	106.80000	0.00000	0.00000	-0.00725 1,2,6
		1651	24.94750	155.08250	106.80000	0.00000	0.00000	-0.00724 1,2,6
		1652	24.48500	155.23500	106.80000	0.00000	0.00000	-0.00724 1,2,6
		1653	24.02250	155.38750	106.80000	0.00000	0.00000	-0.00723 1,2,6
		1654	23.56000	155.54000	106.80000	0.00000	0.00000	-0.00723 1,2,6
		1655	23.09750	155.69250	106.80000	0.00000	0.00000	-0.00722 1,2,6
		1656	22.63500	155.84500	106.80000	0.00000	0.00000	-0.00722 1,2,6
		1657	22.17250	155.99750	106.80000	0.00000	0.00000	-0.00721 1,2,6
		1658	21.71000	156.15000	106.80000	0.00000	0.00000	-0.00721 1,2,6
		1659	21.24750	156.30250	106.80000	0.00000	0.00000	-0.00720 1,2,6
		1660	20.78500	156.45500	106.80000	0.00000	0.00000	-0.00719 1,2,6
		1661	20.32250	156.60750	106.80000	0.00000	0.00000	-0.00719 1,2,6
		1662	19.86000	156.76000	106.80000	0.00000	0.00000	-0.00718 1,2,6
		1663	19.39750	156.91250	106.80000	0.00000	0.00000	-0.00718 1,2,6
		1664	19.93500	157.06500	106.80000	0.00000	0.00000	-0.00717 1,2,6
		1665	19.47250	157.21750	106.80000	0.00000	0.00000	-0.00716 1,2,6
		1666	19.01000	157.37000	106.80000	0.00000	0.00000	-0.00715 1,2,6
		1667	18.54750	157.52250	106.80000	0.00000	0.00000	-0.00714 1,2,6
		1668	18.08500	157.67500	106.80000	0.00000	0.00000	-0.00713 1,2,6
		1669	17.62250	157.82750	106.80000	0.00000	0.00000	-0.00712 1,2,6
		1670	17.16000	157.98000	106.80000	0.00000	0.00000	-0.00711 1,2,6
		1671	16.69750	158.13250	106.80000	0.00000	0.00000	-0.00710 1,2,6
		1672	16.23500	158.28500	106.80000	0.00000	0.00000	-0.00709 1,2,6
		1673	15.77250	158.43750	106.80000	0.00000	0.00000	-0.00708 1,2,6
		1674	15.31000	158.59000	106.80000	0.00000	0.00000	-0.00707 1,2,6
		1675	14.84750	158.74250	106.80000	0.00000	0.00000	-0.00706 1,2,6
		1676	14.38500	158.89500	106.80000	0.00000	0.00000	-0.00705 1,2,6
		1677	13.92250	159.04750	106.80000	0.00000	0.00000	-0.00704 1,2,6
		1678	13.46000	159.20000	106.80000	0.00000	0.00000	-0.00703 1,2,6
		1679	13.00000	159.35250	106.80000	0.00000	0.00000	-0.00702 1,2,6
		1680	12.54000	159.50500	106.80000	0.00000	0.00000	-0.00701 1,2,6
		1681	12.08000	159.65750	106.80000	0.00000	0.00000	-0.00700 1,2,6
		1682	11.62000	159.81000	106.80000	0.00000	0.00000	-0.00699 1,2,6
		1683	11.16000	159.96250	106.80000	0.00000	0.00000	-0.00698 1,2,6
		1684	10.70000	160.11500	106.80000	0.00000	0.00000	-0.00697 1,2,6
		1685	10.24000	160.26750	106.80000	0.00000	0.00000	-0.00696 1,2,6
		1686	9.78000	160.42000	106.80000	0.00000	0.00000	-0.00695 1,2,6
		1687	9.32000	160.57250	106.80000	0.00000	0.00000	-0.00694 1,2,6
		1688	8.86000	160.72500	106.80000	0.00000	0.00000	-0.00693 1,2,6
		1689	8.40000	160.87750	106.80000	0.00000	0.00000	-0.00692 1,2,6
		1690	7.94000	161.03000	106.80000	0.00000	0.00000	-0.00691 1,2,6
		1691	7.48000	161.18250	106.80000	0.00000	0.00000	-0.00690 1,2,6
		1692	7.02000	161.33500	106.80000	0.00000	0.00000	-0.00689 1,2,6
		1693	6.56000	161.48750	106.80000	0.00000	0.00000	-0.00688 1,2,6
		1694	6.10000	161.64000	106.80000	0.00000	0.00000	-0.00687 1,2,6
		1695	5.64000	161.79250	106.80000	0.00000	0.00000	-0.00686 1,2,6
		1696	5.18000	161.94500	106.80000	0.00000	0.00000	-0.00685 1,2,6
		1697	4.72000	162.09750	106.80000	0.00000	0.00000	-0.00684 1,2,6
		1698	4.26000	162.25000	106.80000	0.00000	0.00000	-0.00683 1,2,6
		1699	3.80000	162.40250	106.80000	0.00000	0.00000	-0.00682 1,2,6
		1700	3.34000	162.55500	106.80000	0.00000	0.00000	-0.00681 1,2,6
		1701	2.88000	162.70750	106.80000	0.00000	0.00000	-0.00680 1,2,6
		1702	2.42000	162.86000	106.80000	0.00000	0.00000	-0.00679 1,2,6
		1703	1.96000	163.01250	106.80000	0.00000	0.00000	-0.00678 1,2,6
		1704	1.50000	163.16500	106.80000	0.00000	0.00000	-0.00677 1,2,6
		1705	1.04000	163.31750	106.80000	0.00000	0.00000	-0.00676 1,2,6
		1706	0.58000	163.47000	106.80000	0.00000	0.00000	-0.00675 1,2,6
		1707	0.12000	163.62250	106.80000	0.00000	0.00000	-0.00674 1,2,6
		1708	-0.34000	163.77500	106.80000	0.00000	0.00000	-0.00673 1,2,6
		1709	-0.80000	163.92750	106.80000	0.00000	0.00000	-0.00672 1,2,6
		1710	-1.26000	164.08000	106.80000	0.00000	0.00000	-0.00671 1,2,6
		1711	-1.72000	164.23250	106.80000	0.00000	0.00000	-0.00670 1,2,6
		1712	-2.18000	164.38500	106.80000	0.00000	0.00000	-0.00669 1,2,6
		1713	-2.64000	164.53750	106.80000	0.00000	0.00000	-0.00668 1,2,6
		1714	-3.10000	164.69000	106.80000	0.00000	0.00000	-0.00667 1,2,6
		1715	-3.56000	164.84250	106.80000	0.00000	0.00000	-0.00666 1,2,6
		1716	-4.02000	164.99500	106.80000	0.00000	0.00000	-0.00665 1,2,6
		1717	-4.48000	165.14750	106.80000	0.00000	0.00000	-0.00664 1,2,6
		1718	-4.94000	165.30000	106.80000	0.00000	0.00000	-0.00663 1,2,6
		1719	-5.40000	165.45250	106.80000	0.00000	0.00000	-0.00662 1,2,6
		1720	-5.86000	165.60500	106.80000	0.00000	0.00000	-0.00661 1,2,6
		1721	-6.32000	165.75750	106.80000	0.00000	0.00000	-0.00660 1,2,6
		1722	-6.78000	165.91000	106.80000	0.00000	0.00000	-0.00659 1,2,6
		1723	-7.24000	166.06250	106.80000	0.00000	0.00000	-0.00658 1,2,6
		1724	-7.70000	166.21500	106.80000	0.00000	0.00000	-0.00657 1,2,6
		1725	-8.16000	166.36750	106.80000	0.00000	0.00000	-0.00656 1,2,6
		1726	-8.62000	166.52000	106.80000	0.00000	0.00000	-0.00655 1,2,6
		1727	-9.08000	166.67250	106.80000	0.00000	0.00000	-0.00654 1,2,6
		1728	-9.54000	166.82500	106.80000	0.00000	0.00000	-0.00653 1,2,6
		1729	-10.00000	166.97750	106.80000	0.00000	0.00000	-0.00652 1,2,6
		1730	-10.46000	167.13000	106.80000	0.00000	0.00000	-0.00651 1,2,6
		1731	-10.92000	167.28250	106.80000	0.00000	0.00000	-0.00650 1,2,6
		1732	-11.38000	167.43500	106.80000	0.00000	0.00000	-0.00649 1,2,6
		1733	-11.84000	167.58750	106.80000	0.00000	0.00000	-0.00648 1,2,6
		1734	-12.30000	167.74000	106.80000	0.00000	0.00000	-0.00647 1,2,6
		1735	-12.76000	167.89250	106.80000	0.00000	0.00000	-0.00646 1,2,6
		1736	-13.22000	168.04500	106.80000	0.00000	0.00000	-0.00645 1,2,6
		1737	-13.68000	168.19750	106.80000	0.00000	0.00000	-0.00644 1,2,6
		1738	-14.14000	168.35000	106.80000	0.00000	0.00000	-0.00643 1,2,6
		1739	-14.60000	168.50250	106.80000	0.00000	0.00000	-0.00642 1,2,6
		1740	-15.06000	168.65500	106.80000	0.00000	0.00000	-0.00641 1,2,6
		1741	-15.52000	168.80750	106.80000	0.00000	0.00000	-0.00640 1,2,6
		1742	-15.98000	168.96000	106.80000	0.00000	0.00000	-0.00639 1,2,6
		1743	-16.44000	169.11250	106.80000	0.00000	0.00000	-0.00638 1,2,6
		1744	-16.90000	169.26500	106.80000	0.00000	0.00000	-0.00637 1,2,6
		1745	-17.36000	169.41750	106.80000	0.00000	0.00000	-0.00636 1,2,6
		1746	-17.82000	169.57000	106.80000	0.00000	0.00000	-0.00635 1,2,6
		1747	-18.28000	169.72250	106.80000	0.00000	0.00000	-0.00634 1,2,6
		1748	-18.74000	169.87500	106.80000	0.00000	0.00000	-0.00633 1,2,6
		1749	-19.20000	170.02750	106.80000	0.00000	0.00000	-0.00632 1,2,6
		1750	-19.66000	170.18000	106.80000	0.00000	0.00000	-0.00631 1,2,6
		1751	-20.12000	170.33250	106.80000	0.00000	0.00000	-0.00630 1,2,6
		1752	-20.58000	170.48500	106.80000	0.00000	0.00000	-0.00629 1,2,6
		1753	-21.04000	170.63750	106.80000	0.00000	0.00000	-0.00628 1,2,6
		1754	-21.50000	170.79000	106.80000	0.00000	0.00000	-0.00627 1,2,6
		1755	-21.96000	170.94250	106.80000	0.00000	0.00000	-0.00626 1,2,6
		1756	-22.42000	171.09500	106.80000	0.00000	0.00000	-0.00625 1,2,6
		1757	-22.88000	171.24750	106.80000	0.00000	0.00000	-0.00624 1,2,6
		1758	-23.34000	171.40000	106.80000	0.00000	0.00000	-0.00623 1,2,6
		1759	-23.80000	171.55250	106.80000	0.00000	0.00000	-0.00622 1,2,6
		1760	-24.26000	171.70500	106.80000	0.00000	0.00000	-0.00621 1,2,6
		1761	-24.72000	171.85750	106.80000	0.00000	0.00000	-0.00620 1,2,6
		1762	-25.18000	172.01000	106.80000	0.00000	0.00000	-0.00619 1,2,6
		1763	-25.64000	172.16250	106.8			

							
Job No.							
Sheet No.							
Rev.							
Drg. Ref.							
Made by							
Date							
20-Sep-2024							
Checked							
Date							
Set:	Set:	Result:	Coordinates:	Coordinates:	Coordinates:	Displacements:	Displacements:
Ref.	Name	Ref.	x	y	z	x	y
			[m]	[m]	[m]	[mm]	[mm]
		1779	12.10353	155.66706	106.80000	0.00000	0.00000
		1780	11.63235	155.82471	106.80000	0.00000	0.00000
		1781	11.16118	155.98235	106.80000	0.00000	0.00000
		1782	19.69429	156.28857	106.80000	0.00000	0.00000
		1783	19.52857	155.81714	106.80000	0.00000	0.00000
		1784	19.36286	155.34571	106.80000	0.00000	0.00000
		1785	19.19714	154.87429	106.80000	0.00000	0.00000
		1786	19.03143	154.40286	106.80000	0.00000	0.00000
		1787	18.86571	153.93143	106.80000	0.00000	0.00000
		1788	-33.76000	29.73000	106.80000	0.00000	0.45610
		1789	-33.75938	28.72738	106.80000	0.00000	0.48305
		1790	-33.75877	27.72477	106.80000	0.00000	0.51135
		1791	-33.75815	26.72215	106.80000	0.00000	0.54102
		1792	-33.75754	25.71954	106.80000	0.00000	0.57208
		1793	-33.75692	24.71692	106.80000	0.00000	0.60454
		1794	-33.75631	23.71431	106.80000	0.00000	0.63840
		1795	-33.75569	22.71169	106.80000	0.00000	0.67361
		1796	-33.75508	21.70908	106.80000	0.00000	0.71014
		1797	-33.75446	20.70646	106.80000	0.00000	0.74790
		1798	-33.75385	19.70385	106.80000	0.00000	0.78678
		1799	-33.75323	18.70123	106.80000	0.00000	0.82664
		1800	-33.75262	17.69862	106.80000	0.00000	0.86728
		1801	-33.75200	16.69600	106.80000	0.00000	0.90848
		1802	-33.75138	15.69338	106.80000	0.00000	0.94998
		1803	-33.75077	14.69077	106.80000	0.00000	0.99146
		1804	-33.75015	13.68815	106.80000	0.00000	1.03263
		1805	-33.74954	12.68554	106.80000	0.00000	1.07313
		1806	-33.74892	11.68292	106.80000	0.00000	1.11266
		1807	-33.74831	10.68031	106.80000	0.00000	1.15091
		1808	-33.74769	9.67769	106.80000	0.00000	1.18762
		1809	-33.74708	8.67508	106.80000	0.00000	1.22255
		1810	-33.74646	7.67246	106.80000	0.00000	1.25552
		1811	-33.74585	6.66985	106.80000	0.00000	1.28641
		1812	-33.74523	5.66723	106.80000	0.00000	1.31512
		1813	-33.74462	4.66462	106.80000	0.00000	1.34160
		1814	-33.74400	3.66200	106.80000	0.00000	1.36584
		1815	-33.74338	2.65938	106.80000	0.00000	1.38784
		1816	-33.74277	1.65677	106.80000	0.00000	1.40763
		1817	-33.74215	0.65415	106.80000	0.00000	1.42526
		1818	-33.74154	-0.34846	106.80000	0.00000	1.44078
		1819	-33.74092	-1.35108	106.80000	0.00000	1.45424
		1820	-33.74031	-2.35369	106.80000	0.00000	1.46567
		1821	-33.73969	-3.35631	106.80000	0.00000	1.47511
		1822	-33.73908	-4.35892	106.80000	0.00000	1.48254
		1823	-33.73846	-5.36154	106.80000	0.00000	1.48791
		1824	-33.73785	-6.36415	106.80000	0.00000	1.49110
		1825	-33.73723	-7.36677	106.80000	0.00000	1.49192
		1826	-33.73662	-8.36938	106.80000	0.00000	1.49010
		1827	-33.73600	-9.37200	106.80000	0.00000	1.48532
		1828	-33.73538	-10.37462	106.80000	0.00000	1.47718
		1829	-33.73477	-11.37723	106.80000	0.00000	1.46528
		1830	-33.73415	-12.37985	106.80000	0.00000	1.44926
		1831	-33.73354	-13.38246	106.80000	0.00000	1.42880
		1832	-33.73292	-14.38508	106.80000	0.00000	1.40366
		1833	-33.73231	-15.38769	106.80000	0.00000	1.37374
		1834	-33.73169	-16.39031	106.80000	0.00000	1.33907
		1835	-33.73108	-17.39292	106.80000	0.00000	1.29981
		1836	-33.73046	-18.39554	106.80000	0.00000	1.25632
		1837	-33.72985	-19.39815	106.80000	0.00000	1.20918
		1838	-33.72923	-20.40077	106.80000	0.00000	1.15913
		1839	-33.72862	-21.40338	106.80000	0.00000	1.10705
		1840	-33.72800	-22.40600	106.80000	0.00000	1.05385
		1841	-33.72738	-23.40862	106.80000	0.00000	1.00041
		1842	-33.72677	-24.41123	106.80000	0.00000	0.94748
		1843	-33.72615	-25.41385	106.80000	0.00000	0.89566
		1844	-33.72554	-26.41646	106.80000	0.00000	0.84541
		1845	-33.72492	-27.41908	106.80000	0.00000	0.79704
		1846	-33.72431	-28.42169	106.80000	0.00000	0.75076
		1847	-33.72369	-29.42431	106.80000	0.00000	0.70667
		1848	-33.72308	-30.42692	106.80000	0.00000	0.66481
		1849	-33.72246	-31.42954	106.80000	0.00000	0.62518
		1850	-33.72185	-32.43215	106.80000	0.00000	0.58772
		1851	-33.72123	-33.43477	106.80000	0.00000	0.55237
		1852	-33.72062	-34.43738	106.80000	0.00000	0.51904
		1853	-33.72000	-35.44000	106.80000	0.00000	0.48765
		1854	-33.71938	-36.44262	106.80000	0.00000	0.45894
		1855	-37.73263	-35.31874	106.80000	0.00000	0.39392
		1856	-36.74526	-35.19747	106.80000	0.00000	0.41934
		1857	-35.75789	-35.07621	106.80000	0.00000	0.44623
		1858	-34.77053	-34.95495	106.80000	0.00000	0.47467
		1859	-33.78316	-34.83368	106.80000	0.00000	0.50469
		1860	-32.79579	-34.71242	106.80000	0.00000	0.53632
		1861	-31.80842	-34.59116	106.80000	0.00000	0.56959
		1862	-30.82105	-34.46989	106.80000	0.00000	0.60449
		1863	-29.83368	-34.34863	106.80000	0.00000	0.64101
		1864	-28.84632	-34.22737	106.80000	0.00000	0.67910
		1865	-27.85895	-34.10611	106.80000	0.00000	0.71870
		1866	-26.87158	-33.98484	106.80000	0.00000	0.75969
		1867	-25.88421	-33.86358	106.80000	0.00000	0.80195
		1868	-24.89684	-33.74232	106.80000	0.00000	0.84530
		1869	-23.90947	-33.62105	106.80000	0.00000	0.88958
		1870	-22.92211	-33.49979	106.80000	0.00000	0.93455
		1871	-21.93474	-33.37853	106.80000	0.00000	0.98001
		1872	-20.94737	-33.25726	106.80000	0.00000	1.02572
		1873	-19.96000	-33.13600	106.80000	0.00000	1.07144
		1874	-18.97264	-33.01474	106.80000	0.00000	1.11694
		1875	-17.98526	-32.89347	106.80000	0.00000	1.16200
		1876	-16.99789	-32.77221	106.80000	0.00000	1.20640
		1877	-16.01053	-32.65095	106.80000	0.00000	1.24993
		1878	-15.02316	-32.52968	106.80000	0.00000	1.29241
		1879	-14.03579	-32.40842	106.80000	0.00000	1.33365
		1880	-13.04842	-32.28716	106.80000	0.00000	1.37350
		1881	-12.06105	-32.16589	106.80000	0.00000	1.41181
		1882	-11.07368	-32.04463	106.80000	0.00000	1.44845
		1883	-10.08632	-31.92337	106.80000	0.00000	1.48332
		1884	-9.09895	-31.80211	106.80000	0.00000	1.51631
		1885	-8.11158	-31.68084	106.80000	0.00000	1.54733
		1886	-7.12421	-31.55958	106.80000	0.00000	1.57632
		1887	-6.13684	-31.43832	106.80000	0.00000	1.60319
		1888	-5.14947	-31.31705	106.80000	0.00000	1.62787
		1889	-4.16210	-31.19579	106.80000	0.00000	1.65028
		1890	-3.17474	-31.07453	106.80000	0.00000	1.67035
		1891	-2.18737	-30.95326	106.80000	0.00000	1.68800
		1892	-1.20000	-30.83200	106.80000	0.00000	1.70311
		1893	-0.21263	-30.71074	106.80000	0.00000	1.71560
		1894	0.77479	-30.58947	106.80000	0.00000	1.72535
		1895	1.76211	-30.46821	106.80000	0.00000	1.73223
		1896	2.74947	-30.34695	106.80000	0.00000	1.73609
		1897	3.73684	-30.22568	106.80000	0.00000	1.73679
		1898	4.72421	-30.10442	106.80000	0.00000	1.73418
		1899	5.71158	-29.98316	106.80000	0.00000	1.72810
		1900	6.69895	-29.86189	106.80000	0.00000	1.71843
		1901	7.68632	-29.74063	106.80000	0.00000	1.70504
		1902	8.67368	-29.61937	106.80000	0.00000	1.68789
		1903	9.66105	-29.49811	106.80000	0.00000	1.66700
		1904	10.64842	-29.37684	106.80000	0.00000	1.64250
		1905	11.63579	-29.25558	106.80000	0.00000	1.61459
		1906	12.62316	-29.13432	106.80000	0.00000	1.58359
		1907	13.61053	-29.01305	106.80000	0.00000	1.54986
		1908	14.59789	-28.89179	106.80000	0.00000	1.51378

Oasys								Job No.	Sheet No.	Rev.
								Drq. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		1909	15.58526	-28.77053	106.80000	0.00000	0.00000	1.47570	1	
		1910	16.57263	-28.64926	106.80000	0.00000	0.00000	1.43592	1	
		1911	17.56000	-28.52800	106.80000	0.00000	0.00000	1.39469	1	
		1912	18.54737	-28.40674	106.80000	0.00000	0.00000	1.35218	1	
		1913	19.53474	-28.28547	106.80000	0.00000	0.00000	1.30852	1	
		1914	20.52211	-28.16421	106.80000	0.00000	0.00000	1.26381	1	
		1915	21.50947	-28.04295	106.80000	0.00000	0.00000	1.21813	1	
		1916	22.49684	-27.92168	106.80000	0.00000	0.00000	1.17156	1	
		1917	23.48421	-27.80042	106.80000	0.00000	0.00000	1.12418	1	
		1918	24.47158	-27.67916	106.80000	0.00000	0.00000	1.07613	1	
		1919	25.45895	-27.55789	106.80000	0.00000	0.00000	1.02757	1	
		1920	26.44632	-27.43663	106.80000	0.00000	0.00000	0.97876	1	
		1921	27.43368	-27.31537	106.80000	0.00000	0.00000	0.92996	1	
		1922	28.42105	-27.19411	106.80000	0.00000	0.00000	0.88152	1	
		1923	29.40842	-27.07284	106.80000	0.00000	0.00000	0.83379	1	
		1924	30.39579	-26.95158	106.80000	0.00000	0.00000	0.78714	1	
		1925	31.38316	-26.83032	106.80000	0.00000	0.00000	0.74188	1	
		1926	32.37053	-26.70905	106.80000	0.00000	0.00000	0.69829	1	
		1927	33.35789	-26.58779	106.80000	0.00000	0.00000	0.65659	1	
		1928	34.34526	-26.46653	106.80000	0.00000	0.00000	0.61693	1	
		1929	35.33263	-26.34526	106.80000	0.00000	0.00000	0.57940	1	
		1930	36.32000	-26.22400	106.80000	0.00000	0.00000	0.54403	1	
		1931	37.30737	-26.10274	106.80000	0.00000	0.00000	0.51081	1	
		1932	38.29474	-25.98147	106.80000	0.00000	0.00000	0.47971	1	
		1933	39.28211	-25.86021	106.80000	0.00000	0.00000	0.45066	1	
		1934	40.26947	-25.73895	106.80000	0.00000	0.00000	0.42358	1	
		1935	41.25684	-25.61768	106.80000	0.00000	0.00000	0.39838	1	
		1936	42.24421	-25.49642	106.80000	0.00000	0.00000	0.37497	1	
		1937	43.23158	-25.37516	106.80000	0.00000	0.00000	0.35325	1	
		1938	44.21895	-25.25389	106.80000	0.00000	0.00000	0.33313	1	
		1939	45.20632	-25.13263	106.80000	0.00000	0.00000	0.31451	1	
		1940	46.19368	-25.01137	106.80000	0.00000	0.00000	0.29731	1	
		1941	47.18105	-24.89011	106.80000	0.00000	0.00000	0.28144	1	
		1942	48.16842	-24.76884	106.80000	0.00000	0.00000	0.26683	1	
		1943	49.15579	-24.64758	106.80000	0.00000	0.00000	0.25340	1	
		1944	50.14316	-24.52632	106.80000	0.00000	0.00000	0.24108	1	
		1945	51.13053	-24.40505	106.80000	0.00000	0.00000	0.22982	1	
		1946	52.11789	-24.28379	106.80000	0.00000	0.00000	0.21956	1	
		1947	53.10526	-24.16253	106.80000	0.00000	0.00000	0.21023	1	
		1948	54.09263	-24.04126	106.80000	0.00000	0.00000	0.20180	1	
		1949	55.08000	-23.92000	106.80000	0.00000	0.00000	0.19422	1	
		1950	-95.50000	-90.14000	106.80000	0.00000	0.00000	-0.00723	1	
		1951	-93.50482	-90.14000	106.80000	0.00000	0.00000	-0.00714	1	
		1952	-91.50964	-90.14000	106.80000	0.00000	0.00000	-0.00703	1	
		1953	-89.51446	-90.14000	106.80000	0.00000	0.00000	-0.00690	1	
		1954	-87.51928	-90.14000	106.80000	0.00000	0.00000	-0.00675	1	
		1955	-85.52410	-90.14000	106.80000	0.00000	0.00000	-0.00657	1	
		1956	-83.52892	-90.14000	106.80000	0.00000	0.00000	-0.00638	1	
		1957	-81.53374	-90.14000	106.80000	0.00000	0.00000	-0.00616	1	
		1958	-79.53856	-90.14000	106.80000	0.00000	0.00000	-0.00591	1	
		1959	-77.54338	-90.14000	106.80000	0.00000	0.00000	-0.00564	1	
		1960	-75.54820	-90.14000	106.80000	0.00000	0.00000	-0.00534	1	
		1961	-73.55302	-90.14000	106.80000	0.00000	0.00000	-0.00502	1	
		1962	-71.55784	-90.14000	106.80000	0.00000	0.00000	-0.00467	1	
		1963	-69.56266	-90.14000	106.80000	0.00000	0.00000	-0.00428	1	
		1964	-67.56748	-90.14000	106.80000	0.00000	0.00000	-0.00387	1	
		1965	-65.57230	-90.14000	106.80000	0.00000	0.00000	-0.00343	1	
		1966	-63.57712	-90.14000	106.80000	0.00000	0.00000	-0.00296	1	
		1967	-61.58194	-90.14000	106.80000	0.00000	0.00000	-0.00246	1	
		1968	-59.58676	-90.14000	106.80000	0.00000	0.00000	-0.00193	1	
		1969	-57.59158	-90.14000	106.80000	0.00000	0.00000	-0.00137	1	
		1970	-55.59640	-90.14000	106.80000	0.00000	0.00000	-0.00079	1	
		1971	-53.60122	-90.14000	106.80000	0.00000	0.00000	-0.00017	1	
		1972	-51.60604	-90.14000	106.80000	0.00000	0.00000	0.00046	1	
		1973	-49.61086	-90.14000	106.80000	0.00000	0.00000	0.00112	1	
		1974	-47.61568	-90.14000	106.80000	0.00000	0.00000	0.00180	1	
		1975	-45.62050	-90.14000	106.80000	0.00000	0.00000	0.00249	1	
		1976	-43.62532	-90.14000	106.80000	0.00000	0.00000	0.00320	1	
		1977	-41.63014	-90.14000	106.80000	0.00000	0.00000	0.00392	1	
		1978	-39.63496	-90.14000	106.80000	0.00000	0.00000	0.00465	1	
		1979	-37.63978	-90.14000	106.80000	0.00000	0.00000	0.00538	1	
		1980	-35.64460	-90.14000	106.80000	0.00000	0.00000	0.00611	1	
		1981	-33.64942	-90.14000	106.80000	0.00000	0.00000	0.00683	1	
		1982	-31.65424	-90.14000	106.80000	0.00000	0.00000	0.00754	1	
		1983	-29.65906	-90.14000	106.80000	0.00000	0.00000	0.00823	1	
		1984	-27.66388	-90.14000	106.80000	0.00000	0.00000	0.00890	1	
		1985	-25.66871	-90.14000	106.80000	0.00000	0.00000	0.00955	1	
		1986	-23.67353	-90.14000	106.80000	0.00000	0.00000	0.01016	1	
		1987	-21.67835	-90.14000	106.80000	0.00000	0.00000	0.01074	1	
		1988	-19.68317	-90.14000	106.80000	0.00000	0.00000	0.01127	1	
		1989	-17.68799	-90.14000	106.80000	0.00000	0.00000	0.01176	1	
		1990	-15.69281	-90.14000	106.80000	0.00000	0.00000	0.01220	1	
		1991	-13.69763	-90.14000	106.80000	0.00000	0.00000	0.01258	1	
		1992	-11.70245	-90.14000	106.80000	0.00000	0.00000	0.01291	1	
		1993	-9.70727	-90.14000	106.80000	0.00000	0.00000	0.01317	1	
		1994	-7.71209	-90.14000	106.80000	0.00000	0.00000	0.01337	1	
		1995	-5.71691	-90.14000	106.80000	0.00000	0.00000	0.01351	1	
		1996	-3.72173	-90.14000	106.80000	0.00000	0.00000	0.01358	1	
		1997	-1.72655	-90.14000	106.80000	0.00000	0.00000	0.01358	1	
		1998	0.26863	-90.14000	106.80000	0.00000	0.00000	0.01352	1	
		1999	2.26381	-90.14000	106.80000	0.00000	0.00000	0.01339	1	
		2000	4.25899	-90.14000	106.80000	0.00000	0.00000	0.01320	1	
		2001	6.25417	-90.14000	106.80000	0.00000	0.00000	0.01294	1	
		2002	8.24935	-90.14000	106.80000	0.00000	0.00000	0.01262	1	
		2003	10.24453	-90.14000	106.80000	0.00000	0.00000	0.01225	1	
		2004	12.23971	-90.14000	106.80000	0.00000	0.00000	0.01182	1	
		2005	14.23489	-90.14000	106.80000	0.00000	0.00000	0.01134	1	
		2006	16.23007	-90.14000	106.80000	0.00000	0.00000	0.01082	1	
		2007	18.22525	-90.14000	106.80000	0.00000	0.00000	0.01026	1	
		2008	20.22043	-90.14000	106.80000	0.00000	0.00000	0.00966	1	
		2009	22.21561	-90.14000	106.80000	0.00000	0.00000	0.00903	1	
		2010	24.21079	-90.14000	106.80000	0.00000	0.00000	0.00838	1	
		2011	26.20597	-90.14000	106.80000	0.00000	0.00000	0.00770	1	
		2012	28.20115	-90.14000	106.80000	0.00000	0.00000	0.00701	1	
		2013	30.19633	-90.14000	106.80000	0.00000	0.00000	0.00631	1	
		2014	32.19151	-90.14000	106.80000	0.00000	0.00000	0.00560	1	
		2015	34.18669	-90.14000	106.80000	0.00000	0.00000	0.00490	1	
		2016	36.18187	-90.14000	106.80000	0.00000	0.00000	0.00419	1	
		2017	38.17705	-90.14000	106.80000	0.00000	0.00000	0.00349	1	
		2018	40.17223	-90.14000	106.80000	0.00000	0.00000</			

Job No.		Sheet No.		Rev.
Drg. Ref.				
Made by	Date	Checked	Date	
	20-Sep-2024			

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		2039	82.07101	-90.14000	106.80000	0.00000	0.00000	-0.00621	1
		2040	84.06619	-90.14000	106.80000	0.00000	0.00000	-0.00637	1
		2041	86.06137	-90.14000	106.80000	0.00000	0.00000	-0.00652	1
		2042	88.05655	-90.14000	106.80000	0.00000	0.00000	-0.00665	1
		2043	90.05173	-90.14000	106.80000	0.00000	0.00000	-0.00676	1
		2044	92.04691	-90.14000	106.80000	0.00000	0.00000	-0.00686	1
		2045	94.04209	-90.14000	106.80000	0.00000	0.00000	-0.00695	1
		2046	96.03727	-90.14000	106.80000	0.00000	0.00000	-0.00703	1
		2047	98.03245	-90.14000	106.80000	0.00000	0.00000	-0.00709	1
		2048	100.02763	-90.14000	106.80000	0.00000	0.00000	-0.00714	1
		2049	102.02281	-90.14000	106.80000	0.00000	0.00000	-0.00719	1
		2050	104.01799	-90.14000	106.80000	0.00000	0.00000	-0.00722	1
		2051	106.01317	-90.14000	106.80000	0.00000	0.00000	-0.00724	1
		2052	108.00835	-90.14000	106.80000	0.00000	0.00000	-0.00726	1
		2053	110.00353	-90.14000	106.80000	0.00000	0.00000	-0.00727	1
		2054	111.99871	-90.14000	106.80000	0.00000	0.00000	-0.00727	1
		2055	113.99388	-90.14000	106.80000	0.00000	0.00000	-0.00727	1
		2056	115.98906	-90.14000	106.80000	0.00000	0.00000	-0.00726	1
		2057	117.98424	-90.14000	106.80000	0.00000	0.00000	-0.00724	1
		2058	119.97942	-90.14000	106.80000	0.00000	0.00000	-0.00722	1
		2059	121.97460	-90.14000	106.80000	0.00000	0.00000	-0.00719	1
		2060	123.96978	-90.14000	106.80000	0.00000	0.00000	-0.00716	1
		2061	125.96496	-90.14000	106.80000	0.00000	0.00000	-0.00713	1
		2062	127.96014	-90.14000	106.80000	0.00000	0.00000	-0.00709	1
		2063	129.95532	-90.14000	106.80000	0.00000	0.00000	-0.00704	1
		2064	131.95050	-90.14000	106.80000	0.00000	0.00000	-0.00700	1
		2065	133.94568	-90.14000	106.80000	0.00000	0.00000	-0.00694	1
		2066	135.94086	-90.14000	106.80000	0.00000	0.00000	-0.00689	1
		2067	137.93604	-90.14000	106.80000	0.00000	0.00000	-0.00683	1
		2068	139.93122	-90.14000	106.80000	0.00000	0.00000	-0.00678	1
		2069	141.92640	-90.14000	106.80000	0.00000	0.00000	-0.00671	1
		2070	143.92158	-90.14000	106.80000	0.00000	0.00000	-0.00665	1
		2071	145.91676	-90.14000	106.80000	0.00000	0.00000	-0.00658	1
		2072	147.91194	-90.14000	106.80000	0.00000	0.00000	-0.00651	1
		2073	149.90712	-90.14000	106.80000	0.00000	0.00000	-0.00644	1
		2074	151.90230	-90.14000	106.80000	0.00000	0.00000	-0.00637	1
		2075	153.89748	-90.14000	106.80000	0.00000	0.00000	-0.00630	1
		2076	155.89266	-90.14000	106.80000	0.00000	0.00000	-0.00622	1
		2077	157.88784	-90.14000	106.80000	0.00000	0.00000	-0.00615	1
		2078	159.88302	-90.14000	106.80000	0.00000	0.00000	-0.00607	1
		2079	161.87820	-90.14000	106.80000	0.00000	0.00000	-0.00599	1
		2080	163.87338	-90.14000	106.80000	0.00000	0.00000	-0.00591	1
		2081	165.86856	-90.14000	106.80000	0.00000	0.00000	-0.00583	1
		2082	167.86374	-90.14000	106.80000	0.00000	0.00000	-0.00575	1
		2083	169.85892	-90.14000	106.80000	0.00000	0.00000	-0.00567	1
		2084	171.85410	-90.14000	106.80000	0.00000	0.00000	-0.00559	1
		2085	173.84928	-90.14000	106.80000	0.00000	0.00000	-0.00551	1
		2086	175.84446	-90.14000	106.80000	0.00000	0.00000	-0.00543	1
		2087	177.83964	-90.14000	106.80000	0.00000	0.00000	-0.00535	1
		2088	179.83482	-90.14000	106.80000	0.00000	0.00000	-0.00527	1
		2089	181.83000	-90.14000	106.80000	0.00000	0.00000	-0.00519	1
		2090	-95.50000	-88.26525	106.80000	0.00000	0.00000	-0.00715	1
		2091	-93.50482	-88.26525	106.80000	0.00000	0.00000	-0.00703	1
		2092	-91.50964	-88.26525	106.80000	0.00000	0.00000	-0.00690	1
		2093	-89.51446	-88.26525	106.80000	0.00000	0.00000	-0.00675	1
		2094	-87.51928	-88.26525	106.80000	0.00000	0.00000	-0.00657	1
		2095	-85.52410	-88.26525	106.80000	0.00000	0.00000	-0.00637	1
		2096	-83.52892	-88.26525	106.80000	0.00000	0.00000	-0.00614	1
		2097	-81.53374	-88.26525	106.80000	0.00000	0.00000	-0.00589	1
		2098	-79.53856	-88.26525	106.80000	0.00000	0.00000	-0.00561	1
		2099	-77.54338	-88.26525	106.80000	0.00000	0.00000	-0.00530	1
		2100	-75.54820	-88.26525	106.80000	0.00000	0.00000	-0.00496	1
		2101	-73.55302	-88.26525	106.80000	0.00000	0.00000	-0.00459	1
		2102	-71.55784	-88.26525	106.80000	0.00000	0.00000	-0.00418	1
		2103	-69.56266	-88.26525	106.80000	0.00000	0.00000	-0.00375	1
		2104	-67.56748	-88.26525	106.80000	0.00000	0.00000	-0.00328	1
		2105	-65.57230	-88.26525	106.80000	0.00000	0.00000	-0.00277	1
		2106	-63.57712	-88.26525	106.80000	0.00000	0.00000	-0.00224	1
		2107	-61.58194	-88.26525	106.80000	0.00000	0.00000	-0.00167	1
		2108	-59.58676	-88.26525	106.80000	0.00000	0.00000	-0.00106	1
		2109	-57.59158	-88.26525	106.80000	0.00000	0.00000	-0.00043	1
		2110	-55.59640	-88.26525	106.80000	0.00000	0.00000	0.00024	1
		2111	-53.60122	-88.26525	106.80000	0.00000	0.00000	0.00094	1
		2112	-51.60604	-88.26525	106.80000	0.00000	0.00000	0.00167	1
		2113	-49.61086	-88.26525	106.80000	0.00000	0.00000	0.00242	1
		2114	-47.61568	-88.26525	106.80000	0.00000	0.00000	0.00320	1
		2115	-45.62050	-88.26525	106.80000	0.00000	0.00000	0.00399	1
		2116	-43.62532	-88.26525	106.80000	0.00000	0.00000	0.00481	1
		2117	-41.63014	-88.26525	106.80000	0.00000	0.00000	0.00563	1
		2118	-39.63496	-88.26525	106.80000	0.00000	0.00000	0.00647	1
		2119	-37.63978	-88.26525	106.80000	0.00000	0.00000	0.00730	1
		2120	-35.64460	-88.26525	106.80000	0.00000	0.00000	0.00814	1
		2121	-33.64942	-88.26525	106.80000	0.00000	0.00000	0.00897	1
		2122	-31.65424	-88.26525	106.80000	0.00000	0.00000	0.00979	1
		2123	-29.65906	-88.26525	106.80000	0.00000	0.00000	0.01059	1
		2124	-27.66388	-88.26525	106.80000	0.00000	0.00000	0.01136	1
		2125	-25.66871	-88.26525	106.80000	0.00000	0.00000	0.01211	1
		2126	-23.67353	-88.26525	106.80000	0.00000	0.00000	0.01281	1
		2127	-21.67835	-88.26525	106.80000	0.00000	0.00000	0.01348	1
		2128	-19.68317	-88.26525	106.80000	0.00000	0.00000	0.01410	1
		2129	-17.68799	-88.26525	106.80000	0.00000	0.00000	0.01466	1
		2130	-15.69281	-88.26525	106.80000	0.00000	0.00000	0.01517	1
		2131	-13.69763	-88.26525	106.80000	0.00000	0.00000	0.01561	1
		2132	-11.70245	-88.26525	106.80000	0.00000	0.00000	0.01599	1
		2133	-9.70727	-88.26525	106.80000	0.00000	0.00000	0.01630	1
		2134	-7.71209	-88.26525	106.80000	0.00000	0.00000	0.01653	1
		2135	-5.71691	-88.26525	106.80000	0.00000	0.00000	0.01669	1
		2136	-3.72173	-88.26525	106.80000	0.00000	0.00000	0.01677	1
		2137	-1.72655	-88.26525	106.80000	0.00000	0.00000	0.01678	1
		2138	0.26863	-88.26525	106.80000	0.00000	0.00000	0.01670	1
		2139	2.26381	-88.26525	106.80000	0.00000	0.00000	0.01656	1
		2140	4.25899	-88.26525	106.80000	0.00000	0.00000	0.01633	1
		2141	6.25417	-88.26525	106.80000	0.00000	0.00000	0.01604	1
		2142	8.24935	-88.26525	106.80000	0.00000	0.00000	0.01567	1
		2143	10.24453	-88.26525	106.80000	0.00000	0.00000	0.01524	1
		2144	12.23971	-88.26525	106.80000	0.00000	0.00000	0.01475	1
		2145	14.23489	-88.26525	106.80000	0.00000	0.00000	0.01420	1
		2146	16.23007	-88.26525	106.80000	0.00000	0.00000	0.01360	1
		2147	18.22525	-88.26525	106.80000	0.00000	0.00000	0.01295	1
		2148	20.22043	-88.26525	106.80000	0.00000	0.00000	0.01226	1
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Oasys

Job No.

Sheet No.

Rev.

Dr. Ref.

Made by

Date

20-Sep-2024

Checked

Date

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Ref.

Set:
Name

Result:
Ref.

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Job No.

Sheet No.

Rev.

Drg. Ref.

Made by

Date

20-Sep-2024

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Date

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106.80000

0.00000

0.00000

-0.00489

1

2379

-77.54338

-84.51576

106.80000

0.00000

0.00000

-0.00449

1

2380

-75.54820

-84.51576

106.80000

0.00000

0.00000

-0.00405

1

2381

-73.55302

-84.51576

106.80000

0.00000

0.00000

-0.00357

1

2382

-71.55784

-84.51576

106.80000

0.00000

0.00000

-0.00305

1

2383

-69.56266

-84.51576

106.80000

0.00000

0.00000

-0.00249

1

2384

-67.56748

-84.51576

106.80000

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0.00000

-0.00188

1

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-65.57230

-84.51576

106.80000

0.00000

0.00000

-0.00123

1

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-63.57712

-84.51576

106.80000

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0.00000

-0.00054

1

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-61.58194

-84.51576

106.80000

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0.00000

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1

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-84.51576

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-84.51576

106.80000

0.00000

0.00000

0.00180

1

2390

-55.59640

-84.51576

106.80000

0.00000

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1

2391

-53.60122

-84.51576

106.80000

0.00000

0.00000

0.00357

1

2392

-51.60604

-84.51576

106.80000

0.00000

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0.00452

1

2393

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-84.51576

106.80000

0.00000

0.00000

0.00550

1

2394

-47.61568

-84.51576

106.80000

0.00000

0.00000

0.00651

1

2395

-45.62050

-84.51576

106.80000

0.00000

0.00000

0.00755

1

2396

-43.62532

-84.51576

106.80000

0.00000

0.00000

0.00861

1

2397

-41.63014

-84.51576

106.80000

0.00000

Oasys								Job No.	Sheet No.	Rev.
								Drg. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		2429	22.21561	-84.51576	106.80000	0.00000	0.00000	0.01755	1	
		2430	24.21079	-84.51576	106.80000	0.00000	0.00000	0.01656	1	
		2431	26.20597	-84.51576	106.80000	0.00000	0.00000	0.01553	1	
		2432	28.20115	-84.51576	106.80000	0.00000	0.00000	0.01449	1	
		2433	30.19633	-84.51576	106.80000	0.00000	0.00000	0.01343	1	
		2434	32.19151	-84.51576	106.80000	0.00000	0.00000	0.01237	1	
		2435	34.18669	-84.51576	106.80000	0.00000	0.00000	0.01131	1	
		2436	36.18187	-84.51576	106.80000	0.00000	0.00000	0.01025	1	
		2437	38.17705	-84.51576	106.80000	0.00000	0.00000	0.00921	1	
		2438	40.17223	-84.51576	106.80000	0.00000	0.00000	0.00819	1	
		2439	42.16741	-84.51576	106.80000	0.00000	0.00000	0.00719	1	
		2440	44.16259	-84.51576	106.80000	0.00000	0.00000	0.00621	1	
		2441	46.15777	-84.51576	106.80000	0.00000	0.00000	0.00527	1	
		2442	48.15295	-84.51576	106.80000	0.00000	0.00000	0.00437	1	
		2443	50.14813	-84.51576	106.80000	0.00000	0.00000	0.00350	1	
		2444	52.14331	-84.51576	106.80000	0.00000	0.00000	0.00267	1	
		2445	54.13849	-84.51576	106.80000	0.00000	0.00000	0.00188	1	
		2446	56.13367	-84.51576	106.80000	0.00000	0.00000	0.00114	1	
		2447	58.12885	-84.51576	106.80000	0.00000	0.00000	0.00043	1	
		2448	60.12403	-84.51576	106.80000	0.00000	0.00000	-0.00023	1	
		2449	62.11921	-84.51576	106.80000	0.00000	0.00000	-0.00085	1	
		2450	64.11439	-84.51576	106.80000	0.00000	0.00000	-0.00143	1	
		2451	66.10957	-84.51576	106.80000	0.00000	0.00000	-0.00197	1	
		2452	68.10475	-84.51576	106.80000	0.00000	0.00000	-0.00247	1	
		2453	70.09993	-84.51576	106.80000	0.00000	0.00000	-0.00294	1	
		2454	72.09511	-84.51576	106.80000	0.00000	0.00000	-0.00336	1	
		2455	74.09029	-84.51576	106.80000	0.00000	0.00000	-0.00376	1	
		2456	76.08547	-84.51576	106.80000	0.00000	0.00000	-0.00412	1	
		2457	78.08065	-84.51576	106.80000	0.00000	0.00000	-0.00445	1	
		2458	80.07583	-84.51576	106.80000	0.00000	0.00000	-0.00475	1	
		2459	82.07101	-84.51576	106.80000	0.00000	0.00000	-0.00503	1	
		2460	84.06619	-84.51576	106.80000	0.00000	0.00000	-0.00527	1	
		2461	86.06137	-84.51576	106.80000	0.00000	0.00000	-0.00550	1	
		2462	88.05655	-84.51576	106.80000	0.00000	0.00000	-0.00570	1	
		2463	90.05173	-84.51576	106.80000	0.00000	0.00000	-0.00589	1	
		2464	92.04691	-84.51576	106.80000	0.00000	0.00000	-0.00605	1	
		2465	94.04209	-84.51576	106.80000	0.00000	0.00000	-0.00620	1	
		2466	96.03727	-84.51576	106.80000	0.00000	0.00000	-0.00633	1	
		2467	98.03245	-84.51576	106.80000	0.00000	0.00000	-0.00645	1	
		2468	100.02763	-84.51576	106.80000	0.00000	0.00000	-0.00655	1	
		2469	102.02281	-84.51576	106.80000	0.00000	0.00000	-0.00664	1	
		2470	104.01799	-84.51576	106.80000	0.00000	0.00000	-0.00672	1	
		2471	106.01317	-84.51576	106.80000	0.00000	0.00000	-0.00679	1	
		2472	108.00835	-84.51576	106.80000	0.00000	0.00000	-0.00684	1	
		2473	110.00353	-84.51576	106.80000	0.00000	0.00000	-0.00689	1	
		2474	111.99871	-84.51576	106.80000	0.00000	0.00000	-0.00693	1	
		2475	113.99388	-84.51576	106.80000	0.00000	0.00000	-0.00696	1	
		2476	115.98906	-84.51576	106.80000	0.00000	0.00000	-0.00698	1	
		2477	117.98424	-84.51576	106.80000	0.00000	0.00000	-0.00700	1	
		2478	119.97942	-84.51576	106.80000	0.00000	0.00000	-0.00700	1	
		2479	121.97460	-84.51576	106.80000	0.00000	0.00000	-0.00701	1	
		2480	123.96978	-84.51576	106.80000	0.00000	0.00000	-0.00700	1	
		2481	125.96496	-84.51576	106.80000	0.00000	0.00000	-0.00699	1	
		2482	127.96014	-84.51576	106.80000	0.00000	0.00000	-0.00697	1	
		2483	129.95532	-84.51576	106.80000	0.00000	0.00000	-0.00695	1	
		2484	131.95050	-84.51576	106.80000	0.00000	0.00000	-0.00692	1	
		2485	133.94568	-84.51576	106.80000	0.00000	0.00000	-0.00689	1	
		2486	135.94086	-84.51576	106.80000	0.00000	0.00000	-0.00686	1	
		2487	137.93604	-84.51576	106.80000	0.00000	0.00000	-0.00682	1	
		2488	139.93122	-84.51576	106.80000	0.00000	0.00000	-0.00677	1	
		2489	141.92640	-84.51576	106.80000	0.00000	0.00000	-0.00672	1	
		2490	143.92158	-84.51576	106.80000	0.00000	0.00000	-0.00667	1	
		2491	145.91676	-84.51576	106.80000	0.00000	0.00000	-0.00662	1	
		2492	147.91194	-84.51576	106.80000	0.00000	0.00000	-0.00656	1	
		2493	149.90712	-84.51576	106.80000	0.00000	0.00000	-0.00650	1	
		2494	151.90230	-84.51576	106.80000	0.00000	0.00000	-0.00643	1	
		2495	153.89748	-84.51576	106.80000	0.00000	0.00000	-0.00637	1	
		2496	155.89266	-84.51576	106.80000	0.00000	0.00000	-0.00630	1	
		2497	157.88784	-84.51576	106.80000	0.00000	0.00000	-0.00623	1	
		2498	159.88302	-84.51576	106.80000	0.00000	0.00000	-0.00616	1	
		2499	161.87820	-84.51576	106.80000	0.00000	0.00000	-0.00608	1	
		2500	163.87338	-84.51576	106.80000	0.00000	0.00000	-0.00601	1	
		2501	165.86856	-84.51576	106.80000	0.00000	0.00000	-0.00593	1	
		2502	167.86374	-84.51576	106.80000	0.00000	0.00000	-0.00586	1	
		2503	169.85892	-84.51576	106.80000	0.00000	0.00000	-0.00578	1	
		2504	171.85410	-84.51576	106.80000	0.00000	0.00000	-0.00570	1	
		2505	173.84928	-84.51576	106.80000	0.00000	0.00000	-0.00562	1	
		2506	175.84446	-84.51576	106.80000	0.00000	0.00000	-0.00554	1	
		2507	177.83964	-84.51576	106.80000	0.00000	0.00000	-0.00546	1	
		2508	179.83482	-84.51576	106.80000	0.00000	0.00000	-0.00538	1	
		2509	181.83000	-84.51576	106.80000	0.00000	0.00000	-0.00530	1	
		2510	-95.50000	-82.64101	106.80000	0.00000	0.00000	-0.00679	1	
		2511	-93.50482	-82.64101	106.80000	0.00000	0.00000	-0.00661	1	
		2512	-91.50964	-82.64101	106.80000	0.00000	0.00000	-0.00641	1	
		2513	-89.51446	-82.64101	106.80000	0.00000	0.00000	-0.00617	1	
		2514	-87.51928	-82.64101	106.80000	0.00000	0.00000	-0.00590	1	
		2515	-85.52410	-82.64101	106.80000	0.00000	0.00000	-0.00560	1	
		2516	-83.52892	-82.64101	106.80000	0.00000	0.00000	-0.00526	1	
		2517	-81.53374	-82.64101	106.80000	0.00000	0.00000	-0.00489	1	
		2518	-79.53856	-82.64101	106.80000	0.00000	0.00000	-0.00447	1	
		2519	-77.54338	-82.64101	106.80000	0.00000	0.00000	-0.00402	1	
		2520	-75.54820	-82.64101	106.80000	0.00000	0.00000	-0.00352	1	
		2521	-73.55302	-82.64101	106.80000	0.00000	0.00000	-0.00298	1	
		2522	-71.55784	-82.64101	106.80000	0.00000	0.00000	-0.00239	1	
		2523	-69.56266	-82.64101	106.80000	0.00000	0.00000	-0.00176	1	
		2524	-67.56748	-82.64101	106.80000	0.00000	0.00000	-0.00107	1	
		2525	-65.57230	-82.64101	106.80000	0.00000	0.00000	-0.00034	1	
		2526	-63.57712	-82.64101	106.80000	0.00000	0.00000	0.00045	1	
		2527	-61.58194	-82.64101	106.80000	0.00000	0.00000	0.00128	1	
		2528	-59.58676	-82.64101	106.80000	0.00000	0.00000	0.00216	1	
		2529	-57.59159	-82.64101	106.80000	0.00000	0.00000	0.00310	1	
		2530	-55.59640	-82.64101	106.80000	0.00000	0.00000	0.00408	1	
		2531	-53.60122	-82.64101	106.80000	0.00000	0.00000	0.00511	1	
		2532	-51.60604	-82.64101	106.80000	0.00000	0.00000	0.00619	1	
		2533	-49.61086	-82.64101	106.80000	0.00000	0.00000	0.00730	1	
		2534	-47.61568	-82.64101	106.80000	0.00000	0.00000	0.00845	1	
		2535	-45.62050	-82.64101	106.80000	0.00000	0.00000	0.00964	1	
		2536	-43.62532	-82.64101	106.80000	0.00000	0.00000	0.01086	1	
		2537	-41.63014	-82.64101	106.80000	0.00000	0.00000	0.01210	1	
		2538	-39.63496</							

Oasys								Job No.	Sheet No.	Rev.
								Drg. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		2559	2.26391	-82.64101	106.80000	0.00000	0.00000	0.02981	1	
		2560	4.25899	-82.64101	106.80000	0.00000	0.00000	0.02847	1	
		2561	6.25417	-82.64101	106.80000	0.00000	0.00000	0.02802	1	
		2562	8.24935	-82.64101	106.80000	0.00000	0.00000	0.02746	1	
		2563	10.24453	-82.64101	106.80000	0.00000	0.00000	0.02680	1	
		2564	12.23971	-82.64101	106.80000	0.00000	0.00000	0.02604	1	
		2565	14.23489	-82.64101	106.80000	0.00000	0.00000	0.02520	1	
		2566	16.23007	-82.64101	106.80000	0.00000	0.00000	0.02428	1	
		2567	18.22525	-82.64101	106.80000	0.00000	0.00000	0.02329	1	
		2568	20.22043	-82.64101	106.80000	0.00000	0.00000	0.02224	1	
		2569	22.21561	-82.64101	106.80000	0.00000	0.00000	0.02114	1	
		2570	24.21079	-82.64101	106.80000	0.00000	0.00000	0.02000	1	
		2571	26.20597	-82.64101	106.80000	0.00000	0.00000	0.01882	1	
		2572	28.20115	-82.64101	106.80000	0.00000	0.00000	0.01763	1	
		2573	30.19633	-82.64101	106.80000	0.00000	0.00000	0.01641	1	
		2574	32.19151	-82.64101	106.80000	0.00000	0.00000	0.01520	1	
		2575	34.18669	-82.64101	106.80000	0.00000	0.00000	0.01398	1	
		2576	36.18187	-82.64101	106.80000	0.00000	0.00000	0.01277	1	
		2577	38.17705	-82.64101	106.80000	0.00000	0.00000	0.01158	1	
		2578	40.17223	-82.64101	106.80000	0.00000	0.00000	0.01042	1	
		2579	42.16741	-82.64101	106.80000	0.00000	0.00000	0.00928	1	
		2580	44.16259	-82.64101	106.80000	0.00000	0.00000	0.00817	1	
		2581	46.15777	-82.64101	106.80000	0.00000	0.00000	0.00710	1	
		2582	48.15295	-82.64101	106.80000	0.00000	0.00000	0.00608	1	
		2583	50.14813	-82.64101	106.80000	0.00000	0.00000	0.00509	1	
		2584	52.14331	-82.64101	106.80000	0.00000	0.00000	0.00415	1	
		2585	54.13849	-82.64101	106.80000	0.00000	0.00000	0.00326	1	
		2586	56.13367	-82.64101	106.80000	0.00000	0.00000	0.00242	1	
		2587	58.12885	-82.64101	106.80000	0.00000	0.00000	0.00162	1	
		2588	60.12403	-82.64101	106.80000	0.00000	0.00000	0.00088	1	
		2589	62.11921	-82.64101	106.80000	0.00000	0.00000	0.00018	1	
		2590	64.11439	-82.64101	106.80000	0.00000	0.00000	-0.00048	1	
		2591	66.10957	-82.64101	106.80000	0.00000	0.00000	-0.00109	1	
		2592	68.10475	-82.64101	106.80000	0.00000	0.00000	-0.00165	1	
		2593	70.09993	-82.64101	106.80000	0.00000	0.00000	-0.00217	1	
		2594	72.09511	-82.64101	106.80000	0.00000	0.00000	-0.00265	1	
		2595	74.09029	-82.64101	106.80000	0.00000	0.00000	-0.00310	1	
		2596	76.08547	-82.64101	106.80000	0.00000	0.00000	-0.00350	1	
		2597	78.08065	-82.64101	106.80000	0.00000	0.00000	-0.00388	1	
		2598	80.07583	-82.64101	106.80000	0.00000	0.00000	-0.00422	1	
		2599	82.07101	-82.64101	106.80000	0.00000	0.00000	-0.00453	1	
		2600	84.06619	-82.64101	106.80000	0.00000	0.00000	-0.00481	1	
		2601	86.06137	-82.64101	106.80000	0.00000	0.00000	-0.00507	1	
		2602	88.05655	-82.64101	106.80000	0.00000	0.00000	-0.00530	1	
		2603	90.05173	-82.64101	106.80000	0.00000	0.00000	-0.00551	1	
		2604	92.04691	-82.64101	106.80000	0.00000	0.00000	-0.00570	1	
		2605	94.04209	-82.64101	106.80000	0.00000	0.00000	-0.00587	1	
		2606	96.03727	-82.64101	106.80000	0.00000	0.00000	-0.00603	1	
		2607	98.03245	-82.64101	106.80000	0.00000	0.00000	-0.00617	1	
		2608	100.02763	-82.64101	106.80000	0.00000	0.00000	-0.00629	1	
		2609	102.02281	-82.64101	106.80000	0.00000	0.00000	-0.00640	1	
		2610	104.01799	-82.64101	106.80000	0.00000	0.00000	-0.00649	1	
		2611	106.01317	-82.64101	106.80000	0.00000	0.00000	-0.00658	1	
		2612	108.00835	-82.64101	106.80000	0.00000	0.00000	-0.00665	1	
		2613	110.00353	-82.64101	106.80000	0.00000	0.00000	-0.00672	1	
		2614	111.99871	-82.64101	106.80000	0.00000	0.00000	-0.00677	1	
		2615	113.99388	-82.64101	106.80000	0.00000	0.00000	-0.00681	1	
		2616	115.98906	-82.64101	106.80000	0.00000	0.00000	-0.00685	1	
		2617	117.98424	-82.64101	106.80000	0.00000	0.00000	-0.00688	1	
		2618	119.97942	-82.64101	106.80000	0.00000	0.00000	-0.00690	1	
		2619	121.97460	-82.64101	106.80000	0.00000	0.00000	-0.00691	1	
		2620	123.96978	-82.64101	106.80000	0.00000	0.00000	-0.00692	1	
		2621	125.96496	-82.64101	106.80000	0.00000	0.00000	-0.00691	1	
		2622	127.96014	-82.64101	106.80000	0.00000	0.00000	-0.00691	1	
		2623	129.95532	-82.64101	106.80000	0.00000	0.00000	-0.00690	1	
		2624	131.95050	-82.64101	106.80000	0.00000	0.00000	-0.00688	1	
		2625	133.94568	-82.64101	106.80000	0.00000	0.00000	-0.00685	1	
		2626	135.94086	-82.64101	106.80000	0.00000	0.00000	-0.00682	1	
		2627	137.93604	-82.64101	106.80000	0.00000	0.00000	-0.00679	1	
		2628	139.93122	-82.64101	106.80000	0.00000	0.00000	-0.00675	1	
		2629	141.92640	-82.64101	106.80000	0.00000	0.00000	-0.00671	1	
		2630	143.92158	-82.64101	106.80000	0.00000	0.00000	-0.00666	1	
		2631	145.91676	-82.64101	106.80000	0.00000	0.00000	-0.00661	1	
		2632	147.91194	-82.64101	106.80000	0.00000	0.00000	-0.00656	1	
		2633	149.90712	-82.64101	106.80000	0.00000	0.00000	-0.00650	1	
		2634	151.90230	-82.64101	106.80000	0.00000	0.00000	-0.00644	1	
		2635	153.89748	-82.64101	106.80000	0.00000	0.00000	-0.00638	1	
		2636	155.89266	-82.64101	106.80000	0.00000	0.00000	-0.00632	1	
		2637	157.88784	-82.64101	106.80000	0.00000	0.00000	-0.00625	1	
		2638	159.88302	-82.64101	106.80000	0.00000	0.00000	-0.00618	1	
		2639	161.87820	-82.64101	106.80000	0.00000	0.00000	-0.00611	1	
		2640	163.87338	-82.64101	106.80000	0.00000	0.00000	-0.00604	1	
		2641	165.86856	-82.64101	106.80000	0.00000	0.00000	-0.00596	1	
		2642	167.86374	-82.64101	106.80000	0.00000	0.00000	-0.00589	1	
		2643	169.85892	-82.64101	106.80000	0.00000	0.00000	-0.00581	1	
		2644	171.85410	-82.64101	106.80000	0.00000	0.00000	-0.00573	1	
		2645	173.84928	-82.64101	106.80000	0.00000	0.00000	-0.00565	1	
		2646	175.84446	-82.64101	106.80000	0.00000	0.00000	-0.00557	1	
		2647	177.83964	-82.64101	106.80000	0.00000	0.00000	-0.00549	1	
		2648	179.83482	-82.64101	106.80000	0.00000	0.00000	-0.00541	1	
		2649	181.83000	-82.64101	106.80000	0.00000	0.00000	-0.00533	1	
		2650	-95.50000	-80.76626	106.80000	0.00000	0.00000	-0.00664	1	
		2651	-93.50482	-80.76626	106.80000	0.00000	0.00000	-0.00644	1	
		2652	-91.50964	-80.76626	106.80000	0.00000	0.00000	-0.00620	1	
		2653	-89.51446	-80.76626	106.80000	0.00000	0.00000	-0.00593	1	
		2654	-87.51928	-80.76626	106.80000	0.00000	0.00000	-0.00562	1	
		2655	-85.52410	-80.76626	106.80000	0.00000	0.00000	-0.00528	1	
		2656	-83.52892	-80.76626	106.80000	0.00000	0.00000	-0.00490	1	
		2657	-81.53374	-80.76626	106.80000	0.00000	0.00000	-0.00448	1	
		2658	-79.53856	-80.76626	106.80000	0.00000	0.00000	-0.00401	1	
		2659	-77.54338	-80.76626	106.80000	0.00000	0.00000	-0.00350	1	
		2660	-75.54820	-80.76626	106.80000	0.00000	0.00000	-0.00294	1	
		2661	-73.55302	-80.76626	106.80000	0.00000	0.00000	-0.00233	1	
		2662	-71.55784	-80.76626	106.80000	0.00000	0.00000	-0.00167	1	
		2663	-69.56266	-80.76626	106.80000	0.00000	0.00000	-0.00095	1	
		2664	-67.56748	-80.76626	106.80000	0.00000	0.00000	-0.00018	1	
		2665	-65.57230	-80.76626	106.80000	0.00000	0.00000	0.00065	1	
		2666	-63.57712	-80.76626	106.80000	0.00000	0.00000	0.00153	1	
		2667	-61.58194	-80.76626	106.80000	0.00000	0.00000	0.00248	1	
		2668	-59.58676	-						

Oasys								Job No.	Sheet No.	Rev.				
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Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]						
		2689	-17.68799	-80.76626	106.80000	0.00000	0.00000	0.03062	1					
		2690	-15.69281	-80.76626	106.80000	0.00000	0.00000	0.03153	1					
		2691	-13.69763	-80.76626	106.80000	0.00000	0.00000	0.03232	1					
		2692	-11.70245	-80.76626	106.80000	0.00000	0.00000	0.03300	1					
		2693	-9.70727	-80.76626	106.80000	0.00000	0.00000	0.03355	1					
		2694	-7.71209	-80.76626	106.80000	0.00000	0.00000	0.03397	1					
		2695	-5.71691	-80.76626	106.80000	0.00000	0.00000	0.03426	1					
		2696	-3.72173	-80.76626	106.80000	0.00000	0.00000	0.03441	1					
		2697	-1.72655	-80.76626	106.80000	0.00000	0.00000	0.03442	1					
		2698	0.26863	-80.76626	106.80000	0.00000	0.00000	0.03430	1					
		2699	2.26381	-80.76626	106.80000	0.00000	0.00000	0.03403	1					
		2700	4.25899	-80.76626	106.80000	0.00000	0.00000	0.03364	1					
		2701	6.25417	-80.76626	106.80000	0.00000	0.00000	0.03311	1					
		2702	8.24935	-80.76626	106.80000	0.00000	0.00000	0.03246	1					
		2703	10.24453	-80.76626	106.80000	0.00000	0.00000	0.03170	1					
		2704	12.23971	-80.76626	106.80000	0.00000	0.00000	0.03083	1					
		2705	14.23489	-80.76626	106.80000	0.00000	0.00000	0.02986	1					
		2706	16.23007	-80.76626	106.80000	0.00000	0.00000	0.02880	1					
		2707	18.22525	-80.76626	106.80000	0.00000	0.00000	0.02766	1					
		2708	20.22043	-80.76626	106.80000	0.00000	0.00000	0.02645	1					
		2709	22.21561	-80.76626	106.80000	0.00000	0.00000	0.02518	1					
		2710	24.21079	-80.76626	106.80000	0.00000	0.00000	0.02387	1					
		2711	26.20597	-80.76626	106.80000	0.00000	0.00000	0.02252	1					
		2712	28.20115	-80.76626	106.80000	0.00000	0.00000	0.02115	1					
		2713	30.19633	-80.76626	106.80000	0.00000	0.00000	0.01976	1					
		2714	32.19151	-80.76626	106.80000	0.00000	0.00000	0.01836	1					
		2715	34.18669	-80.76626	106.80000	0.00000	0.00000	0.01697	1					
		2716	36.18187	-80.76626	106.80000	0.00000	0.00000	0.01559	1					
		2717	38.17705	-80.76626	106.80000	0.00000	0.00000	0.01423	1					
		2718	40.17223	-80.76626	106.80000	0.00000	0.00000	0.01290	1					
		2719	42.16741	-80.76626	106.80000	0.00000	0.00000	0.01161	1					
		2720	44.16259	-80.76626	106.80000	0.00000	0.00000	0.01035	1					
		2721	46.15777	-80.76626	106.80000	0.00000	0.00000	0.00914	1					
		2722	48.15295	-80.76626	106.80000	0.00000	0.00000	0.00797	1					
		2723	50.14813	-80.76626	106.80000	0.00000	0.00000	0.00686	1					
		2724	52.14331	-80.76626	106.80000	0.00000	0.00000	0.00580	1					
		2725	54.13849	-80.76626	106.80000	0.00000	0.00000	0.00479	1					
		2726	56.13367	-80.76626	106.80000	0.00000	0.00000	0.00384	1					
		2727	58.12885	-80.76626	106.80000	0.00000	0.00000	0.00294	1					
		2728	60.12403	-80.76626	106.80000	0.00000	0.00000	0.00210	1					
		2729	62.11921	-80.76626	106.80000	0.00000	0.00000	0.00131	1					
		2730	64.11439	-80.76626	106.80000	0.00000	0.00000	0.00058	1					
		2731	66.10957	-80.76626	106.80000	0.00000	0.00000	-0.00011	1					
		2732	68.10475	-80.76626	106.80000	0.00000	0.00000	-0.00074	1					
		2733	70.09993	-80.76626	106.80000	0.00000	0.00000	-0.00132	1					
		2734	72.09511	-80.76626	106.80000	0.00000	0.00000	-0.00187	1					
		2735	74.09029	-80.76626	106.80000	0.00000	0.00000	-0.00236	1					
		2736	76.08547	-80.76626	106.80000	0.00000	0.00000	-0.00282	1					
		2737	78.08065	-80.76626	106.80000	0.00000	0.00000	-0.00324	1					
		2738	80.07583	-80.76626	106.80000	0.00000	0.00000	-0.00362	1					
		2739	82.07101	-80.76626	106.80000	0.00000	0.00000	-0.00397	1					
		2740	84.06619	-80.76626	106.80000	0.00000	0.00000	-0.00429	1					
		2741	86.06137	-80.76626	106.80000	0.00000	0.00000	-0.00458	1					
		2742	88.05655	-80.76626	106.80000	0.00000	0.00000	-0.00485	1					
		2743	90.05173	-80.76626	106.80000	0.00000	0.00000	-0.00509	1					
		2744	92.04691	-80.76626	106.80000	0.00000	0.00000	-0.00531	1					
		2745	94.04209	-80.76626	106.80000	0.00000	0.00000	-0.00550	1					
		2746	96.03727	-80.76626	106.80000	0.00000	0.00000	-0.00568	1					
		2747	98.03245	-80.76626	106.80000	0.00000	0.00000	-0.00584	1					
		2748	100.02763	-80.76626	106.80000	0.00000	0.00000	-0.00599	1					
		2749	102.02281	-80.76626	106.80000	0.00000	0.00000	-0.00612	1					
		2750	104.01799	-80.76626	106.80000	0.00000	0.00000	-0.00624	1					
		2751	106.01317	-80.76626	106.80000	0.00000	0.00000	-0.00634	1					
		2752	108.00835	-80.76626	106.80000	0.00000	0.00000	-0.00643	1					
		2753	110.00353	-80.76626	106.80000	0.00000	0.00000	-0.00651	1					
		2754	111.99871	-80.76626	106.80000	0.00000	0.00000	-0.00658	1					
		2755	113.99388	-80.76626	106.80000	0.00000	0.00000	-0.00664	1					
		2756	115.98906	-80.76626	106.80000	0.00000	0.00000	-0.00669	1					
		2757	117.98424	-80.76626	106.80000	0.00000	0.00000	-0.00673	1					
		2758	119.97942	-80.76626	106.80000	0.00000	0.00000	-0.00677	1					
		2759	121.97460	-80.76626	106.80000	0.00000	0.00000	-0.00679	1					
		2760	123.96978	-80.76626	106.80000	0.00000	0.00000	-0.00681	1					
		2761	125.96496	-80.76626	106.80000	0.00000	0.00000	-0.00682	1					
		2762	127.96014	-80.76626	106.80000	0.00000	0.00000	-0.00683	1					
		2763	129.95532	-80.76626	106.80000	0.00000	0.00000	-0.00683	1					
		2764	131.95050	-80.76626	106.80000	0.00000	0.00000	-0.00682	1					
		2765	133.94568	-80.76626	106.80000	0.00000	0.00000	-0.00680	1					
		2766	135.94086	-80.76626	106.80000	0.00000	0.00000	-0.00678	1					
		2767	137.93604	-80.76626	106.80000	0.00000	0.00000	-0.00676	1					
		2768	139.93122	-80.76626	106.80000	0.00000	0.00000	-0.00673	1					
		2769	141.92640	-80.76626	106.80000	0.00000	0.00000	-0.00669	1					
		2770	143.92158	-80.76626	106.80000	0.00000	0.00000	-0.00665	1					
		2771	145.91676	-80.76626	106.80000	0.00000	0.00000	-0.00661	1					
		2772	147.91194	-80.76626	106.80000	0.00000	0.00000	-0.00656	1					
		2773	149.90712	-80.76626	106.80000	0.00000	0.00000	-0.00651	1					
		2774	151.90230	-80.76626	106.80000	0.00000	0.00000	-0.00645	1					
		2775	153.89748	-80.76626	106.80000	0.00000	0.00000	-0.00639	1					
		2776	155.89266	-80.76626	106.80000	0.00000	0.00000	-0.00633	1					
		2777	157.88784	-80.76626	106.80000	0.00000	0.00000	-0.00627	1					
		2778	159.88302	-80.76626	106.80000	0.00000	0.00000	-0.00620	1					
		2779	161.87820	-80.76626	106.80000	0.00000	0.00000	-0.00613	1					
		2780	163.87338	-8										

Oasys								Job No.	Sheet No.	Rev.
								Drg. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		2819	-37.63978	-78.89151	106.80000	0.00000	0.00000	0.02108	1	
		2820	-35.64460	-78.89151	106.80000	0.00000	0.00000	0.02274	1	
		2821	-33.64942	-78.89151	106.80000	0.00000	0.00000	0.02440	1	
		2822	-31.65424	-78.89151	106.80000	0.00000	0.00000	0.02604	1	
		2823	-29.65906	-78.89151	106.80000	0.00000	0.00000	0.02766	1	
		2824	-27.66388	-78.89151	106.80000	0.00000	0.00000	0.02923	1	
		2825	-25.66871	-78.89151	106.80000	0.00000	0.00000	0.03074	1	
		2826	-23.67353	-78.89151	106.80000	0.00000	0.00000	0.03219	1	
		2827	-21.67835	-78.89151	106.80000	0.00000	0.00000	0.03356	1	
		2828	-19.68317	-78.89151	106.80000	0.00000	0.00000	0.03483	1	
		2829	-17.68799	-78.89151	106.80000	0.00000	0.00000	0.03600	1	
		2830	-15.69281	-78.89151	106.80000	0.00000	0.00000	0.03704	1	
		2831	-13.69763	-78.89151	106.80000	0.00000	0.00000	0.03796	1	
		2832	-11.70245	-78.89151	106.80000	0.00000	0.00000	0.03875	1	
		2833	-9.70727	-78.89151	106.80000	0.00000	0.00000	0.03939	1	
		2834	-7.71209	-78.89151	106.80000	0.00000	0.00000	0.03988	1	
		2835	-5.71691	-78.89151	106.80000	0.00000	0.00000	0.04021	1	
		2836	-3.72173	-78.89151	106.80000	0.00000	0.00000	0.04038	1	
		2837	-1.72655	-78.89151	106.80000	0.00000	0.00000	0.04040	1	
		2838	0.26863	-78.89151	106.80000	0.00000	0.00000	0.04025	1	
		2839	2.26381	-78.89151	106.80000	0.00000	0.00000	0.03995	1	
		2840	4.25899	-78.89151	106.80000	0.00000	0.00000	0.03949	1	
		2841	6.25417	-78.89151	106.80000	0.00000	0.00000	0.03888	1	
		2842	8.24935	-78.89151	106.80000	0.00000	0.00000	0.03813	1	
		2843	10.24453	-78.89151	106.80000	0.00000	0.00000	0.03725	1	
		2844	12.23971	-78.89151	106.80000	0.00000	0.00000	0.03624	1	
		2845	14.23489	-78.89151	106.80000	0.00000	0.00000	0.03512	1	
		2846	16.23007	-78.89151	106.80000	0.00000	0.00000	0.03390	1	
		2847	18.22525	-78.89151	106.80000	0.00000	0.00000	0.03258	1	
		2848	20.22043	-78.89151	106.80000	0.00000	0.00000	0.03119	1	
		2849	22.21561	-78.89151	106.80000	0.00000	0.00000	0.02973	1	
		2850	24.21079	-78.89151	106.80000	0.00000	0.00000	0.02822	1	
		2851	26.20597	-78.89151	106.80000	0.00000	0.00000	0.02667	1	
		2852	28.20115	-78.89151	106.80000	0.00000	0.00000	0.02510	1	
		2853	30.19633	-78.89151	106.80000	0.00000	0.00000	0.02350	1	
		2854	32.19151	-78.89151	106.80000	0.00000	0.00000	0.02190	1	
		2855	34.18669	-78.89151	106.80000	0.00000	0.00000	0.02031	1	
		2856	36.18187	-78.89151	106.80000	0.00000	0.00000	0.01874	1	
		2857	38.17705	-78.89151	106.80000	0.00000	0.00000	0.01719	1	
		2858	40.17223	-78.89151	106.80000	0.00000	0.00000	0.01568	1	
		2859	42.16741	-78.89151	106.80000	0.00000	0.00000	0.01420	1	
		2860	44.16259	-78.89151	106.80000	0.00000	0.00000	0.01277	1	
		2861	46.15777	-78.89151	106.80000	0.00000	0.00000	0.01140	1	
		2862	48.15295	-78.89151	106.80000	0.00000	0.00000	0.01008	1	
		2863	50.14813	-78.89151	106.80000	0.00000	0.00000	0.00882	1	
		2864	52.14331	-78.89151	106.80000	0.00000	0.00000	0.00762	1	
		2865	54.13849	-78.89151	106.80000	0.00000	0.00000	0.00648	1	
		2866	56.13367	-78.89151	106.80000	0.00000	0.00000	0.00541	1	
		2867	58.12885	-78.89151	106.80000	0.00000	0.00000	0.00440	1	
		2868	60.12403	-78.89151	106.80000	0.00000	0.00000	0.00345	1	
		2869	62.11921	-78.89151	106.80000	0.00000	0.00000	0.00257	1	
		2870	64.11439	-78.89151	106.80000	0.00000	0.00000	0.00174	1	
		2871	66.10957	-78.89151	106.80000	0.00000	0.00000	0.00098	1	
		2872	68.10475	-78.89151	106.80000	0.00000	0.00000	0.00027	1	
		2873	70.09993	-78.89151	106.80000	0.00000	0.00000	-0.00039	1	
		2874	72.09511	-78.89151	106.80000	0.00000	0.00000	-0.00099	1	
		2875	74.09029	-78.89151	106.80000	0.00000	0.00000	-0.00155	1	
		2876	76.08547	-78.89151	106.80000	0.00000	0.00000	-0.00206	1	
		2877	78.08065	-78.89151	106.80000	0.00000	0.00000	-0.00253	1	
		2878	80.07583	-78.89151	106.80000	0.00000	0.00000	-0.00296	1	
		2879	82.07101	-78.89151	106.80000	0.00000	0.00000	-0.00335	1	
		2880	84.06619	-78.89151	106.80000	0.00000	0.00000	-0.00371	1	
		2881	86.06137	-78.89151	106.80000	0.00000	0.00000	-0.00404	1	
		2882	88.05655	-78.89151	106.80000	0.00000	0.00000	-0.00434	1	
		2883	90.05173	-78.89151	106.80000	0.00000	0.00000	-0.00461	1	
		2884	92.04691	-78.89151	106.80000	0.00000	0.00000	-0.00486	1	
		2885	94.04209	-78.89151	106.80000	0.00000	0.00000	-0.00508	1	
		2886	96.03727	-78.89151	106.80000	0.00000	0.00000	-0.00529	1	
		2887	98.03245	-78.89151	106.80000	0.00000	0.00000	-0.00548	1	
		2888	100.02763	-78.89151	106.80000	0.00000	0.00000	-0.00565	1	
		2889	102.02281	-78.89151	106.80000	0.00000	0.00000	-0.00580	1	
		2890	104.01799	-78.89151	106.80000	0.00000	0.00000	-0.00594	1	
		2891	106.01317	-78.89151	106.80000	0.00000	0.00000	-0.00606	1	
		2892	108.00835	-78.89151	106.80000	0.00000	0.00000	-0.00618	1	
		2893	110.00353	-78.89151	106.80000	0.00000	0.00000	-0.00628	1	
		2894	111.99871	-78.89151	106.80000	0.00000	0.00000	-0.00636	1	
		2895	113.99388	-78.89151	106.80000	0.00000	0.00000	-0.00644	1	
		2896	115.98906	-78.89151	106.80000	0.00000	0.00000	-0.00651	1	
		2897	117.98424	-78.89151	106.80000	0.00000	0.00000	-0.00657	1	
		2898	119.97942	-78.89151	106.80000	0.00000	0.00000	-0.00662	1	
		2899	121.97460	-78.89151	106.80000	0.00000	0.00000	-0.00666	1	
		2900	123.96978	-78.89151	106.80000	0.00000	0.00000	-0.00669	1	
		2901	125.96496	-78.89151	106.80000	0.00000	0.00000	-0.00671	1	
		2902	127.96014	-78.89151	106.80000	0.00000	0.00000	-0.00673	1	
		2903	129.95532	-78.89151	106.80000	0.00000	0.00000	-0.00674	1	
		2904	131.95050	-78.89151	106.80000	0.00000	0.00000	-0.00674	1	
		2905	133.94568	-78.89151	106.80000	0.00000	0.00000	-0.00674	1	
		2906	135.94086	-78.89151	106.80000	0.00000	0.00000	-0.00673	1	
		2907	137.93604	-78.89151	106.80000	0.00000	0.00000	-0.00671	1	
		2908	139.93122	-78.89151	106.80000	0.00000	0.00000	-0.00669	1	
		2909	141.92640	-78.89151	106.80000	0.00000	0.00000	-0.00666	1	
		2910	143.92158	-78.89151	106.80000	0.00000	0.00000	-0.00663	1	
		2911	145.91676	-78.89151	106.80000	0.00000	0.00000	-0.00659	1	
		2912	147.91194	-78.89151	106.80000	0.00000	0.00000	-0.00655	1	
		2913	149.90712	-78.89151	106.80000	0.00000	0.00000	-0.00650	1	
		2914	151.90230	-78.89151	106.80000	0.00000	0.00000	-0.00645	1	
		2915	153.89748	-78.89151	106.80000	0.00000	0.00000	-0.00640	1	
		2916	155.89266	-78.89151	106.80000	0.00000	0.00000	-0.00634	1	
		2917	157.88784	-78.89151	106.80000	0.00000	0.00000	-0.00628	1	
		2918	159.88302	-78.89151	106.80000	0.00000	0.00000	-0.00621	1	
		2919	161.87820	-78.89151	106.80000	0.00000	0.00000	-0.00615	1	
		2920	163.87338	-78.89151	106.80000	0.00000	0.00000	-0.00608	1	
		2921	165.86856	-78.89151	106.80000	0.00000	0.00000	-0.00601	1	
		2922	167.86374	-78.89151	106.80000	0.00000	0.00000	-0.00594	1	
		2923	169.85892	-78.89151	106.80000	0.00000	0.00000	-0.00586	1	
		2924	171.85410	-78.89151	106.80000	0.00000	0.00000	-0.00579	1	
		2925	173.84928	-78.89151	106.80000	0.00000	0.00000	-0.00571	1	
		2926	175.84446	-78.89151	106.80000	0.00000	0.00000	-0.00563	1	
		2927	177.83964	-78.89151	106.80000	0.00000	0.00000	-0.00556	1	
		2928	179.83482	-78.8915						

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Job No.

Sheet No.

Rev.

Drg. Ref.

Made by

Date

20-Sep-2024

Checked

Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		2949	-57.59158	-77.01676	106.80000	0.00000	0.00000	0.00787	1
		2950	-55.59640	-77.01676	106.80000	0.00000	0.00000	0.00930	1
		2951	-53.60122	-77.01676	106.80000	0.00000	0.00000	0.01080	1
		2952	-51.60604	-77.01676	106.80000	0.00000	0.00000	0.01237	1
		2953	-49.61086	-77.01676	106.80000	0.00000	0.00000	0.01401	1
		2954	-47.61568	-77.01676	106.80000	0.00000	0.00000	0.01571	1
		2955	-45.62050	-77.01676	106.80000	0.00000	0.00000	0.01746	1
		2956	-43.62532	-77.01676	106.80000	0.00000	0.00000	0.01927	1
		2957	-41.63014	-77.01676	106.80000	0.00000	0.00000	0.02112	1
		2958	-39.63496	-77.01676	106.80000	0.00000	0.00000	0.02300	1
		2959	-37.63978	-77.01676	106.80000	0.00000	0.00000	0.02489	1
		2960	-35.64460	-77.01676	106.80000	0.00000	0.00000	0.02680	1
		2961	-33.64942	-77.01676	106.80000	0.00000	0.00000	0.02871	1
		2962	-31.65424	-77.01676	106.80000	0.00000	0.00000	0.03060	1
		2963	-29.65906	-77.01676	106.80000	0.00000	0.00000	0.03245	1
		2964	-27.66388	-77.01676	106.80000	0.00000	0.00000	0.03426	1
		2965	-25.66871	-77.01676	106.80000	0.00000	0.00000	0.03601	1
		2966	-23.67353	-77.01676	106.80000	0.00000	0.00000	0.03768	1
		2967	-21.67835	-77.01676	106.80000	0.00000	0.00000	0.03926	1
		2968	-19.68317	-77.01676	106.80000	0.00000	0.00000	0.04073	1
		2969	-17.68799	-77.01676	106.80000	0.00000	0.00000	0.04208	1
		2970	-15.69281	-77.01676	106.80000	0.00000	0.00000	0.04329	1
		2971	-13.69763	-77.01676	106.80000	0.00000	0.00000	0.04436	1
		2972	-11.70245	-77.01676	106.80000	0.00000	0.00000	0.04526	1
		2973	-9.70727	-77.01676	106.80000	0.00000	0.00000	0.04600	1
		2974	-7.71209	-77.01676	106.80000	0.00000	0.00000	0.04657	1
		2975	-5.71691	-77.01676	106.80000	0.00000	0.00000	0.04696	1
		2976	-3.72173	-77.01676	106.80000	0.00000	0.00000	0.04716	1
		2977	-1.72655	-77.01676	106.80000	0.00000	0.00000	0.04717	1
		2978	0.26863	-77.01676	106.80000	0.00000	0.00000	0.04700	1
		2979	2.26381	-77.01676	106.80000	0.00000	0.00000	0.04665	1
		2980	4.25899	-77.01676	106.80000	0.00000	0.00000	0.04612	1
		2981	6.25417	-77.01676	106.80000	0.00000	0.00000	0.04542	1
		2982	8.24935	-77.01676	106.80000	0.00000	0.00000	0.04455	1
		2983	10.24453	-77.01676	106.80000	0.00000	0.00000	0.04353	1
		2984	12.23971	-77.01676	106.80000	0.00000	0.00000	0.04236	1
		2985	14.23489	-77.01676	106.80000	0.00000	0.00000	0.04107	1
		2986	16.23007	-77.01676	106.80000	0.00000	0.00000	0.03965	1
		2987	18.22525	-77.01676	106.80000	0.00000	0.00000	0.03814	1
		2988	20.22043	-77.01676	106.80000	0.00000	0.00000	0.03653	1
		2989	22.21561	-77.01676	106.80000	0.00000	0.00000	0.03486	1
		2990	24.21079	-77.01676	106.80000	0.00000	0.00000	0.03312	1
		2991	26.20597	-77.01676	106.80000	0.00000	0.00000	0.03134	1
		2992	28.20115	-77.01676	106.80000	0.00000	0.00000	0.02953	1
		2993	30.19633	-77.01676	106.80000	0.00000	0.00000	0.02770	1
		2994	32.19151	-77.01676	106.80000	0.00000	0.00000	0.02587	1
		2995	34.18669	-77.01676	106.80000	0.00000	0.00000	0.02405	1
		2996	36.18187	-77.01676	106.80000	0.00000	0.00000	0.02225	1
		2997	38.17705	-77.01676	106.80000	0.00000	0.00000	0.02049	1
		2998	40.17223	-77.01676	106.80000	0.00000	0.00000	0.01876	1
		2999	42.16741	-77.01676	106.80000	0.00000	0.00000	0.01708	1
		3000	44.16259	-77.01676	106.80000	0.00000	0.00000	0.01546	1
		3001	46.15777	-77.01676	106.80000	0.00000	0.00000	0.01390	1
		3002	48.15295	-77.01676	106.80000	0.00000	0.00000	0.01241	1
		3003	50.14813	-77.01676	106.80000	0.00000	0.00000	0.01098	1
		3004	52.14331	-77.01676	106.80000	0.00000	0.00000	0.00963	1
		3005	54.13849	-77.01676	106.80000	0.00000	0.00000	0.00835	1
		3006	56.13367	-77.01676	106.80000	0.00000	0.00000	0.00714	1
		3007	58.12885	-77.01676	106.80000	0.00000	0.00000	0.00600	1
		3008	60.12403	-77.01676	106.80000	0.00000	0.00000	0.00494	1
		3009	62.11921	-77.01676	106.80000	0.00000	0.00000	0.00395	1
		3010	64.11439	-77.01676	106.80000	0.00000	0.00000	0.00303	1
		3011	66.10957	-77.01676	106.80000	0.00000	0.00000	0.00217	1
		3012	68.10475	-77.01676	106.80000	0.00000	0.00000	0.00138	1
		3013	70.09993	-77.01676	106.80000	0.00000	0.00000	0.00065	1
		3014	72.09511	-77.01676	106.80000	0.00000	0.00000	-0.00002	1
		3015	74.09029	-77.01676	106.80000	0.00000	0.00000	-0.00064	1
		3016	76.08547	-77.01676	106.80000	0.00000	0.00000	-0.00121	1
		3017	78.08065	-77.01676	106.80000	0.00000	0.00000	-0.00174	1
		3018	80.07583	-77.01676	106.80000	0.00000	0.00000	-0.00222	1
		3019	82.07101	-77.01676	106.80000	0.00000	0.00000	-0.00266	1
		3020	84.06619	-77.01676	106.80000	0.00000	0.00000	-0.00306	1
		3021	86.06137	-77.01676	106.80000	0.00000	0.00000	-0.00343	1
		3022	88.05655	-77.01676	106.80000	0.00000	0.00000	-0.00376	1
		3023	90.05173	-77.01676	106.80000	0.00000	0.00000	-0.00407	1
		3024	92.04691	-77.01676	106.80000	0.00000	0.00000	-0.00435	1
		3025	94.04209	-77.01676	106.80000	0.00000	0.00000	-0.00461	1
		3026	96.03727	-77.01676	106.80000	0.00000	0.00000	-0.00484	1
		3027	98.03245	-77.01676	106.80000	0.00000	0.00000	-0.00506	1
		3028	100.02763	-77.01676	106.80000	0.00000	0.00000	-0.00526	1
		3029	102.02281	-77.01676	106.80000	0.00000	0.00000	-0.00544	1
		3030	104.01799	-77.01676	106.80000	0.00000	0.00000	-0.00560	1
		3031	106.01317	-77.01676	106.80000	0.00000	0.00000	-0.00575	1
		3032	108.00835	-77.01676	106.80000	0.00000	0.00000	-0.00588	1
		3033	110.00353	-77.01676	106.80000	0.00000	0.00000	-0.00600	1
		3034	111.99871	-77.01676	106.80000	0.00000	0.00000	-0.00611	1
		3035	113.99388	-77.01676	106.80000	0.00000	0.00000	-0.00621	1
		3036	115.98906	-77.01676	106.80000	0.00000	0.00000	-0.00630	1
		3037	117.98424	-77.01676	106.80000	0.00000	0.00000	-0.00638	1
		3038	119.97942	-77.01676	106.80000	0.00000	0.00000	-0.00644	1
		3039	121.97460	-77.01676	106.80000	0.00000	0.00000	-0.00650	1
		3040							

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								Job No.	Sheet No.	Rev.
								Drg. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		3079	-77.54338	-75.14201	106.80000	0.00000	0.00000	-0.00164	1	
		3080	-75.54820	-75.14201	106.80000	0.00000	0.00000	-0.00085	1	
		3081	-73.55302	-75.14201	106.80000	0.00000	0.00000	0.00001	1	
		3082	-71.55784	-75.14201	106.80000	0.00000	0.00000	0.00094	1	
		3083	-69.56266	-75.14201	106.80000	0.00000	0.00000	0.00196	1	
		3084	-67.56748	-75.14201	106.80000	0.00000	0.00000	0.00305	1	
		3085	-65.57230	-75.14201	106.80000	0.00000	0.00000	0.00423	1	
		3086	-63.57712	-75.14201	106.80000	0.00000	0.00000	0.00549	1	
		3087	-61.58194	-75.14201	106.80000	0.00000	0.00000	0.00684	1	
		3088	-59.58676	-75.14201	106.80000	0.00000	0.00000	0.00827	1	
		3089	-57.59158	-75.14201	106.80000	0.00000	0.00000	0.00980	1	
		3090	-55.59640	-75.14201	106.80000	0.00000	0.00000	0.01141	1	
		3091	-53.60122	-75.14201	106.80000	0.00000	0.00000	0.01311	1	
		3092	-51.60604	-75.14201	106.80000	0.00000	0.00000	0.01489	1	
		3093	-49.61086	-75.14201	106.80000	0.00000	0.00000	0.01674	1	
		3094	-47.61568	-75.14201	106.80000	0.00000	0.00000	0.01868	1	
		3095	-45.62050	-75.14201	106.80000	0.00000	0.00000	0.02067	1	
		3096	-43.62532	-75.14201	106.80000	0.00000	0.00000	0.02273	1	
		3097	-41.63014	-75.14201	106.80000	0.00000	0.00000	0.02484	1	
		3098	-39.63496	-75.14201	106.80000	0.00000	0.00000	0.02699	1	
		3099	-37.63978	-75.14201	106.80000	0.00000	0.00000	0.02916	1	
		3100	-35.64460	-75.14201	106.80000	0.00000	0.00000	0.03135	1	
		3101	-33.64942	-75.14201	106.80000	0.00000	0.00000	0.03354	1	
		3102	-31.65424	-75.14201	106.80000	0.00000	0.00000	0.03571	1	
		3103	-29.65906	-75.14201	106.80000	0.00000	0.00000	0.03784	1	
		3104	-27.66388	-75.14201	106.80000	0.00000	0.00000	0.03993	1	
		3105	-25.66871	-75.14201	106.80000	0.00000	0.00000	0.04194	1	
		3106	-23.67353	-75.14201	106.80000	0.00000	0.00000	0.04387	1	
		3107	-21.67835	-75.14201	106.80000	0.00000	0.00000	0.04569	1	
		3108	-19.68317	-75.14201	106.80000	0.00000	0.00000	0.04739	1	
		3109	-17.68799	-75.14201	106.80000	0.00000	0.00000	0.04896	1	
		3110	-15.69281	-75.14201	106.80000	0.00000	0.00000	0.05036	1	
		3111	-13.69763	-75.14201	106.80000	0.00000	0.00000	0.05159	1	
		3112	-11.70245	-75.14201	106.80000	0.00000	0.00000	0.05265	1	
		3113	-9.70727	-75.14201	106.80000	0.00000	0.00000	0.05351	1	
		3114	-7.71209	-75.14201	106.80000	0.00000	0.00000	0.05416	1	
		3115	-5.71691	-75.14201	106.80000	0.00000	0.00000	0.05461	1	
		3116	-3.72173	-75.14201	106.80000	0.00000	0.00000	0.05484	1	
		3117	-1.72655	-75.14201	106.80000	0.00000	0.00000	0.05486	1	
		3118	0.26863	-75.14201	106.80000	0.00000	0.00000	0.05466	1	
		3119	2.26381	-75.14201	106.80000	0.00000	0.00000	0.05425	1	
		3120	4.25899	-75.14201	106.80000	0.00000	0.00000	0.05364	1	
		3121	6.25417	-75.14201	106.80000	0.00000	0.00000	0.05282	1	
		3122	8.24935	-75.14201	106.80000	0.00000	0.00000	0.05182	1	
		3123	10.24453	-75.14201	106.80000	0.00000	0.00000	0.05063	1	
		3124	12.23971	-75.14201	106.80000	0.00000	0.00000	0.04929	1	
		3125	14.23489	-75.14201	106.80000	0.00000	0.00000	0.04779	1	
		3126	16.23007	-75.14201	106.80000	0.00000	0.00000	0.04616	1	
		3127	18.22525	-75.14201	106.80000	0.00000	0.00000	0.04441	1	
		3128	20.22043	-75.14201	106.80000	0.00000	0.00000	0.04255	1	
		3129	22.21561	-75.14201	106.80000	0.00000	0.00000	0.04062	1	
		3130	24.21079	-75.14201	106.80000	0.00000	0.00000	0.03862	1	
		3131	26.20597	-75.14201	106.80000	0.00000	0.00000	0.03657	1	
		3132	28.20115	-75.14201	106.80000	0.00000	0.00000	0.03449	1	
		3133	30.19633	-75.14201	106.80000	0.00000	0.00000	0.03240	1	
		3134	32.19151	-75.14201	106.80000	0.00000	0.00000	0.03030	1	
		3135	34.18669	-75.14201	106.80000	0.00000	0.00000	0.02822	1	
		3136	36.18187	-75.14201	106.80000	0.00000	0.00000	0.02617	1	
		3137	38.17705	-75.14201	106.80000	0.00000	0.00000	0.02415	1	
		3138	40.17223	-75.14201	106.80000	0.00000	0.00000	0.02219	1	
		3139	42.16741	-75.14201	106.80000	0.00000	0.00000	0.02028	1	
		3140	44.16259	-75.14201	106.80000	0.00000	0.00000	0.01844	1	
		3141	46.15777	-75.14201	106.80000	0.00000	0.00000	0.01667	1	
		3142	48.15295	-75.14201	106.80000	0.00000	0.00000	0.01498	1	
		3143	50.14813	-75.14201	106.80000	0.00000	0.00000	0.01337	1	
		3144	52.14331	-75.14201	106.80000	0.00000	0.00000	0.01185	1	
		3145	54.13849	-75.14201	106.80000	0.00000	0.00000	0.01040	1	
		3146	56.13367	-75.14201	106.80000	0.00000	0.00000	0.00905	1	
		3147	58.12885	-75.14201	106.80000	0.00000	0.00000	0.00777	1	
		3148	60.12403	-75.14201	106.80000	0.00000	0.00000	0.00658	1	
		3149	62.11921	-75.14201	106.80000	0.00000	0.00000	0.00548	1	
		3150	64.11439	-75.14201	106.80000	0.00000	0.00000	0.00445	1	
		3151	66.10957	-75.14201	106.80000	0.00000	0.00000	0.00349	1	
		3152	68.10475	-75.14201	106.80000	0.00000	0.00000	0.00261	1	
		3153	70.09993	-75.14201	106.80000	0.00000	0.00000	0.00179	1	
		3154	72.09511	-75.14201	106.80000	0.00000	0.00000	0.00104	1	
		3155	74.09029	-75.14201	106.80000	0.00000	0.00000	0.00035	1	
		3156	76.08547	-75.14201	106.80000	0.00000	0.00000	-0.00028	1	
		3157	78.08065	-75.14201	106.80000	0.00000	0.00000	-0.00086	1	
		3158	80.07583	-75.14201	106.80000	0.00000	0.00000	-0.00140	1	
		3159	82.07101	-75.14201	106.80000	0.00000	0.00000	-0.00188	1	
		3160	84.06619	-75.14201	106.80000	0.00000	0.00000	-0.00233	1	
		3161	86.06137	-75.14201	106.80000	0.00000	0.00000	-0.00274	1	
		3162	88.05655	-75.14201	106.80000	0.00000	0.00000	-0.00312	1	
		3163	90.05173	-75.14201	106.80000	0.00000	0.00000	-0.00347	1	
		3164	92.04691	-75.14201	106.80000	0.00000	0.00000	-0.00378	1	
		3165	94.04209	-75.14201	106.80000	0.00000	0.00000	-0.00408	1	
		3166	96.03727	-75.14201	106.80000	0.00000	0.00000			

Job No. Sheet No. Rev.			
Drg. Ref.			
Made by	Date 20-Sep-2024	Checked	Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		3209	181.83000	-75.14201	106.80000	0.00000	0.00000	-0.00546	1
		3210	-95.50000	-73.26727	106.80000	0.00000	0.00000	-0.00587	1
		3211	-93.50482	-73.26727	106.80000	0.00000	0.00000	-0.00553	1
		3212	-91.50964	-73.26727	106.80000	0.00000	0.00000	-0.00515	1
		3213	-89.51446	-73.26727	106.80000	0.00000	0.00000	-0.00472	1
		3214	-87.51928	-73.26727	106.80000	0.00000	0.00000	-0.00424	1
		3215	-85.52410	-73.26727	106.80000	0.00000	0.00000	-0.00370	1
		3216	-83.52892	-73.26727	106.80000	0.00000	0.00000	-0.00310	1
		3217	-81.53374	-73.26727	106.80000	0.00000	0.00000	-0.00244	1
		3218	-79.53856	-73.26727	106.80000	0.00000	0.00000	-0.00171	1
		3219	-77.54338	-73.26727	106.80000	0.00000	0.00000	-0.00091	1
		3220	-75.54820	-73.26727	106.80000	0.00000	0.00000	-0.00003	1
		3221	-73.55302	-73.26727	106.80000	0.00000	0.00000	0.00093	1
		3222	-71.55784	-73.26727	106.80000	0.00000	0.00000	0.00198	1
		3223	-69.56266	-73.26727	106.80000	0.00000	0.00000	0.00311	1
		3224	-67.56748	-73.26727	106.80000	0.00000	0.00000	0.00433	1
		3225	-65.57230	-73.26727	106.80000	0.00000	0.00000	0.00565	1
		3226	-63.57712	-73.26727	106.80000	0.00000	0.00000	0.00707	1
		3227	-61.58194	-73.26727	106.80000	0.00000	0.00000	0.00858	1
		3228	-59.58676	-73.26727	106.80000	0.00000	0.00000	0.01020	1
		3229	-57.59158	-73.26727	106.80000	0.00000	0.00000	0.01191	1
		3230	-55.59640	-73.26727	106.80000	0.00000	0.00000	0.01373	1
		3231	-53.60122	-73.26727	106.80000	0.00000	0.00000	0.01565	1
		3232	-51.60604	-73.26727	106.80000	0.00000	0.00000	0.01766	1
		3233	-49.61086	-73.26727	106.80000	0.00000	0.00000	0.01977	1
		3234	-47.61568	-73.26727	106.80000	0.00000	0.00000	0.02196	1
		3235	-45.62050	-73.26727	106.80000	0.00000	0.00000	0.02424	1
		3236	-43.62532	-73.26727	106.80000	0.00000	0.00000	0.02658	1
		3237	-41.63014	-73.26727	106.80000	0.00000	0.00000	0.02899	1
		3238	-39.63496	-73.26727	106.80000	0.00000	0.00000	0.03144	1
		3239	-37.63978	-73.26727	106.80000	0.00000	0.00000	0.03393	1
		3240	-35.64460	-73.26727	106.80000	0.00000	0.00000	0.03644	1
		3241	-33.64942	-73.26727	106.80000	0.00000	0.00000	0.03895	1
		3242	-31.65424	-73.26727	106.80000	0.00000	0.00000	0.04145	1
		3243	-29.65906	-73.26727	106.80000	0.00000	0.00000	0.04391	1
		3244	-27.66388	-73.26727	106.80000	0.00000	0.00000	0.04631	1
		3245	-25.66871	-73.26727	106.80000	0.00000	0.00000	0.04863	1
		3246	-23.67353	-73.26727	106.80000	0.00000	0.00000	0.05086	1
		3247	-21.67835	-73.26727	106.80000	0.00000	0.00000	0.05297	1
		3248	-19.68317	-73.26727	106.80000	0.00000	0.00000	0.05494	1
		3249	-17.68799	-73.26727	106.80000	0.00000	0.00000	0.05674	1
		3250	-15.69281	-73.26727	106.80000	0.00000	0.00000	0.05837	1
		3251	-13.69763	-73.26727	106.80000	0.00000	0.00000	0.05980	1
		3252	-11.70245	-73.26727	106.80000	0.00000	0.00000	0.06102	1
		3253	-9.70727	-73.26727	106.80000	0.00000	0.00000	0.06201	1
		3254	-7.71209	-73.26727	106.80000	0.00000	0.00000	0.06278	1
		3255	-5.71691	-73.26727	106.80000	0.00000	0.00000	0.06329	1
		3256	-3.72173	-73.26727	106.80000	0.00000	0.00000	0.06356	1
		3257	-1.72655	-73.26727	106.80000	0.00000	0.00000	0.06358	1
		3258	0.26863	-73.26727	106.80000	0.00000	0.00000	0.06335	1
		3259	2.26389	-73.26727	106.80000	0.00000	0.00000	0.06288	1
		3260	4.25899	-73.26727	106.80000	0.00000	0.00000	0.06216	1
		3261	6.25417	-73.26727	106.80000	0.00000	0.00000	0.06121	1
		3262	8.24935	-73.26727	106.80000	0.00000	0.00000	0.06005	1
		3263	10.24453	-73.26727	106.80000	0.00000	0.00000	0.05868	1
		3264	12.23974	-73.26727	106.80000	0.00000	0.00000	0.05712	1
		3265	14.23489	-73.26727	106.80000	0.00000	0.00000	0.05538	1
		3266	16.23007	-73.26727	106.80000	0.00000	0.00000	0.05350	1
		3267	18.22525	-73.26727	106.80000	0.00000	0.00000	0.05147	1
		3268	20.22043	-73.26727	106.80000	0.00000	0.00000	0.04934	1
		3269	22.21561	-73.26727	106.80000	0.00000	0.00000	0.04711	1
		3270	24.21079	-73.26727	106.80000	0.00000	0.00000	0.04481	1
		3271	26.20597	-73.26727	106.80000	0.00000	0.00000	0.04245	1
		3272	28.20115	-73.26727	106.80000	0.00000	0.00000	0.04006	1
		3273	30.19633	-73.26727	106.80000	0.00000	0.00000	0.03766	1
		3274	32.19151	-73.26727	106.80000	0.00000	0.00000	0.03526	1
		3275	34.18669	-73.26727	106.80000	0.00000	0.00000	0.03288	1
		3276	36.18187	-73.26727	106.80000	0.00000	0.00000	0.03053	1
		3277	38.17705	-73.26727	106.80000	0.00000	0.00000	0.02824	1
		3278	40.17223	-73.26727	106.80000	0.00000	0.00000	0.02600	1
		3279	42.16741	-73.26727	106.80000	0.00000	0.00000	0.02383	1
		3280	44.16259	-73.26727	106.80000	0.00000	0.00000	0.02174	1
		3281	46.15777	-73.26727	106.80000	0.00000	0.00000	0.01974	1
		3282	48.15295	-73.26727	106.80000	0.00000	0.00000	0.01783	1
		3283	50.14813	-73.26727	106.80000	0.00000	0.00000	0.01601	1
		3284	52.14331	-73.26727	106.80000	0.00000	0.00000	0.01429	1
		3285	54.13849	-73.26727	106.80000	0.00000	0.00000	0.01267	1
		3286	56.13367	-73.26727	106.80000	0.00000	0.00000	0.01115	1
		3287	58.12885	-73.26727	106.80000	0.00000	0.00000	0.00972	1
		3288	60.12403	-73.26727	106.80000	0.00000	0.00000	0.00839	1
		3289	62.11921	-73.26727	106.80000	0.00000	0.00000	0.00715	1
		3290	64.11439	-73.26727	106.80000	0.00000	0.00000	0.00600	1
		3291	66.10957	-73.26727	106.80000	0.00000	0.00000	0.00494	1
		3292	68.10475	-73.26727	106.80000	0.00000	0.00000	0.00396	1
		3293	70.09993	-73.26727	106.80000	0.00000	0.00000	0.00305	1
		3294	72.09511	-73.26727	106.80000	0.00000	0.00000	0.00222	1
		3295	74.09029	-73.26727	106.80000	0.00000	0.00000	0.00145	1
		3296	76.08547	-73.26727	106.80000	0.00000	0.00000	0.00075	1
		3297	78.08065	-73.26727	106.80000	0.00000	0.00000	0.00011	1
		3298	80.07583	-73.26727	106.80000	0.00000	0.00000	-0.00049	1
		3299	82.07101	-73.26727	106.80000	0.00000	0.00000	-0.00103	1
		3300	84.06619	-73.26727	106.80000	0.00000	0.00000	-0.00153	1
		3301	86.06137	-73.26727	106.80000	0.00000	0.00000	-0.00198	1
		3302	88.05655	-73.26727	106.80000	0.00000	0.00000	-0.00240	1
		3303	90.05173	-73.26727	106.80000	0.00000	0.00000	-0.00279	1
		3304	92.04691	-73.26727	106.80000	0.00000	0.00000	-0.00315	1
		3305	94.04209	-73.26727	106.80000	0.00000	0.00000	-0.00348	1
		3306	96.03727	-73.26727	106.80000	0.00000	0.00000	-0.00378	1
		3307	98.03245	-73.26727	106.80000	0.00000	0.00000	-0.00406	1
		3308	100.02763	-73.26727	106.80000	0.00000	0.00000	-0.00432	1
		3309	102.02281	-73.26727	106.80000	0.00000	0.00000	-0.00456	1
		3310	104.01799	-73.26727	106.80000	0.00000	0.00000	-0.00478	1
		3311	106.01317	-73.26727	106.80000	0.00000	0.00000	-0.00498	1
		3312	108.00835	-73.26727	106.80000	0.00000	0.00000	-0.00517	1
		3313	110.00353	-73.26727	106.80000	0.00000	0.00000	-0.00534	1
		3314	111.99871	-73.26727	106.80000	0.00000	0.00000	-0.00550	1
		3315	113.99388	-73.26727	106.80000	0.00000	0.00000	-0.00564	1
		3316	115.98906	-73.26727	106.80000	0.00000	0.00000	-0.00578	1
		3317	117.98424	-73.26727	106.80000	0.00000	0.00000	-0.00590	1
		3318	119.97942	-73.26727	106.80000	0.00000	0.00000	-0.00600	1
		3319	121.97460	-73.26727	106.80000	0.00000	0.00000	-0.00610	1
		3320	123.96978	-73.26727	106.80000	0.00000	0.00000	-0.00618	1
		3321	125.96496	-73.26727	106.80000	0.00000	0.00000	-0.00626	1
		3322	127.96014	-73.26727	106.80000	0.00000	0.00000	-0.00632	1
		3323	129.95532	-73.26727	106.80000	0.00000	0.00000	-0.00638	1
		3324	131.9505						

Oasys							Job No.	Sheet No.	Rev.		
							Drg. Ref.				
							Made by	Date 20-Sep-2024	Checked	Date	
Set: Ref.	Set: Name	Result:	Coordinates: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
			3339	161.87820	-73.26727	106.80000	0.00000	0.00000	-0.00618	1	
			3340	163.87338	-73.26727	106.80000	0.00000	0.00000	-0.00612	1	
			3341	165.86856	-73.26727	106.80000	0.00000	0.00000	-0.00606	1	
			3342	167.86374	-73.26727	106.80000	0.00000	0.00000	-0.00599	1	
			3343	169.85892	-73.26727	106.80000	0.00000	0.00000	-0.00592	1	
			3344	171.85410	-73.26727	106.80000	0.00000	0.00000	-0.00586	1	
			3345	173.84928	-73.26727	106.80000	0.00000	0.00000	-0.00578	1	
			3346	175.84446	-73.26727	106.80000	0.00000	0.00000	-0.00571	1	
			3347	177.83964	-73.26727	106.80000	0.00000	0.00000	-0.00564	1	
			3348	179.83482	-73.26727	106.80000	0.00000	0.00000	-0.00556	1	
			3349	181.83000	-73.26727	106.80000	0.00000	0.00000	-0.00548	1	
			3350	-95.50000	-71.39252	106.80000	0.00000	0.00000	-0.00563	1	
			3351	-93.50482	-71.39252	106.80000	0.00000	0.00000	-0.00525	1	
			3352	-91.50964	-71.39252	106.80000	0.00000	0.00000	-0.00483	1	
			3353	-89.51446	-71.39252	106.80000	0.00000	0.00000	-0.00435	1	
			3354	-87.51928	-71.39252	106.80000	0.00000	0.00000	-0.00381	1	
			3355	-85.52410	-71.39252	106.80000	0.00000	0.00000	-0.00322	1	
			3356	-83.52892	-71.39252	106.80000	0.00000	0.00000	-0.00255	1	
			3357	-81.53374	-71.39252	106.80000	0.00000	0.00000	-0.00182	1	
			3358	-79.53856	-71.39252	106.80000	0.00000	0.00000	-0.00100	1	
			3359	-77.54338	-71.39252	106.80000	0.00000	0.00000	-0.00011	1	
			3360	-75.54820	-71.39252	106.80000	0.00000	0.00000	0.00087	1	
			3361	-73.55302	-71.39252	106.80000	0.00000	0.00000	0.00193	1	
			3362	-71.55784	-71.39252	106.80000	0.00000	0.00000	0.00310	1	
			3363	-69.56266	-71.39252	106.80000	0.00000	0.00000	0.00436	1	
			3364	-67.56748	-71.39252	106.80000	0.00000	0.00000	0.00573	1	
			3365	-65.57230	-71.39252	106.80000	0.00000	0.00000	0.00720	1	
			3366	-63.57712	-71.39252	106.80000	0.00000	0.00000	0.00879	1	
			3367	-61.58194	-71.39252	106.80000	0.00000	0.00000	0.01049	1	
			3368	-59.58676	-71.39252	106.80000	0.00000	0.00000	0.01230	1	
			3369	-57.59158	-71.39252	106.80000	0.00000	0.00000	0.01423	1	
			3370	-55.59640	-71.39252	106.80000	0.00000	0.00000	0.01628	1	
			3371	-53.60122	-71.39252	106.80000	0.00000	0.00000	0.01845	1	
			3372	-51.60604	-71.39252	106.80000	0.00000	0.00000	0.02072	1	
			3373	-49.61086	-71.39252	106.80000	0.00000	0.00000	0.02311	1	
			3374	-47.61568	-71.39252	106.80000	0.00000	0.00000	0.02560	1	
			3375	-45.62050	-71.39252	106.80000	0.00000	0.00000	0.02819	1	
			3376	-43.62532	-71.39252	106.80000	0.00000	0.00000	0.03086	1	
			3377	-41.63014	-71.39252	106.80000	0.00000	0.00000	0.03360	1	
			3378	-39.63496	-71.39252	106.80000	0.00000	0.00000	0.03641	1	
			3379	-37.63978	-71.39252	106.80000	0.00000	0.00000	0.03926	1	
			3380	-35.64460	-71.39252	106.80000	0.00000	0.00000	0.04214	1	
			3381	-33.64942	-71.39252	106.80000	0.00000	0.00000	0.04502	1	
			3382	-31.65424	-71.39252	106.80000	0.00000	0.00000	0.04789	1	
			3383	-29.65906	-71.39252	106.80000	0.00000	0.00000	0.05072	1	
			3384	-27.66388	-71.39252	106.80000	0.00000	0.00000	0.05349	1	
			3385	-25.66871	-71.39252	106.80000	0.00000	0.00000	0.05618	1	
			3386	-23.67353	-71.39252	106.80000	0.00000	0.00000	0.05875	1	
			3387	-21.67835	-71.39252	106.80000	0.00000	0.00000	0.06119	1	
			3388	-19.68317	-71.39252	106.80000	0.00000	0.00000	0.06347	1	
			3389	-17.68799	-71.39252	106.80000	0.00000	0.00000	0.06556	1	
			3390	-15.69281	-71.39252	106.80000	0.00000	0.00000	0.06744	1	
			3391	-13.69763	-71.39252	106.80000	0.00000	0.00000	0.06910	1	
			3392	-11.70245	-71.39252	106.80000	0.00000	0.00000	0.07052	1	
			3393	-9.70727	-71.39252	106.80000	0.00000	0.00000	0.07167	1	
			3394	-7.71209	-71.39252	106.80000	0.00000	0.00000	0.07256	1	
			3395	-5.71691	-71.39252	106.80000	0.00000	0.00000	0.07316	1	
			3396	-3.72173	-71.39252	106.80000	0.00000	0.00000	0.07347	1	
			3397	-1.72655	-71.39252	106.80000	0.00000	0.00000	0.07349	1	
			3398	0.26863	-71.39252	106.80000	0.00000	0.00000	0.07322	1	
			3399	2.26381	-71.39252	106.80000	0.00000	0.00000	0.07267	1	
			3400	4.25899	-71.39252	106.80000	0.00000	0.00000	0.07183	1	
			3401	6.25417	-71.39252	106.80000	0.00000	0.00000	0.07073	1	
			3402	8.24935	-71.39252	106.80000	0.00000	0.00000	0.06938	1	
			3403	10.24453	-71.39252	106.80000	0.00000	0.00000	0.06779	1	
			3404	12.23971	-71.39252	106.80000	0.00000	0.00000	0.06598	1	
			3405	14.23489	-71.39252	106.80000	0.00000	0.00000	0.06397	1	
			3406	16.23007	-71.39252	106.80000	0.00000	0.00000	0.06179	1	
			3407	18.22525	-71.39252	106.80000	0.00000	0.00000	0.05945	1	
			3408	20.22043	-71.39252	106.80000	0.00000	0.00000	0.05698	1	
			3409	22.21561	-71.39252	106.80000	0.00000	0.00000	0.05441	1	
			3410	24.21079	-71.39252	106.80000	0.00000	0.00000	0.05176	1	
			3411	26.20597	-71.39252	106.80000	0.00000	0.00000	0.04905	1	
			3412	28.20115	-71.39252	106.80000	0.00000	0.00000	0.04630	1	
			3413	30.19633	-71.39252	106.80000	0.00000	0.00000	0.04354	1	
			3414	32.19151	-71.39252	106.80000	0.00000	0.00000	0.04079	1	
			3415	34.18669	-71.39252	106.80000	0.00000	0.00000	0.03807	1	
			3416	36.18187	-71.39252	106.80000	0.00000	0.00000	0.03539	1	
			3417	38.17705	-71.39252	106.80000	0.00000	0.00000	0.03277	1	
			3418	40.17223	-71.39252	106.80000	0.00000	0.00000	0.03022	1	
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			3423	50.14813	-71.39252	106.80000	0.00000	0.00000	0.01892	1	
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								Job No.	Sheet No.	Rev.
								Drg. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
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Oasys

Job No.

Sheet No.

Rev.

Dr. Ref.

Made by

Date

20-Sep-2024

Checked

Date

Set:
Ref.

Set:
Name

Result:
Ref.

Coordinates:
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y
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z
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Oasys

Job No.

Sheet No.

Rev.

Drg. Ref.

Made by

Date

20-Sep-2024

Checked

Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
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Oasys

Job No.

Sheet No.

Rev.

Drg. Ref.

Made by

Date

20-Sep-2024

Checked

Date

Set: Ref.

Set: Name

Result: Ref.

Coordinates: x [m]

Coordinates: y [m]

Coordinates: z [m]

Displacements: x [mm]

Displacements: y [mm]

Displacements: z [mm]

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106.80000

0.00000

0.00000

0.07248

1

3941

-33.64942

-63.89353

106.80000

0.00000

0.00000

0.07752

1

3942

-31.65424

-63.89353

106.80000

0.00000

0.00000

0.08257

1

3943

-29.65906

-63.89353

106.80000

0.00000

0.00000

0.08759

1

3944

-27.66388

-63.89353

106.80000

0.00000

0.00000

0.09252

1

3945

-25.66871

-63.89353

106.80000

0.00000

0.00000

0.09733

1

3946

-23.67353

-63.89353

106.80000

0.00000

0.00000

0.10196

1

3947

-21.67835

-63.89353

106.80000

0.00000

0.00000

0.10637

1

3948

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-63.89353

106.80000

0.00000

0.00000

0.11050

1

3949

-17.68799

-63.89353

106.80000

0.00000

0.00000

0.11431

1

3950

-15.69281

-63.89353

106.80000

0.00000

0.00000

0.11775

1

3951

-13.69763

-63.89353

106.80000

0.00000

0.00000

0.12078

1

3952

-11.70245

-63.89353

106.80000

0.00000

0.00000

0.12336

1

3953

-9.70727

-63.89353

106.80000

0.00000

0.00000

0.12547

1

3954

-7.71209

-63.89353

106.80000

0.00000

0.00000

0.12708

1

3955

-5.71691

-63.89353

106.80000

0.00000

0.00000

0.12817

1

3956

-3.72173

-63.89353

106.80000

0.00000

0.00000

0.12873

1

3957

-1.72

Job No. Sheet No. Rev.		
	Drg. Ref.	
	Made by	Date 20-Sep-2024

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		3989	62.11921	-63.89353	106.80000	0.00000	0.00000	0.01822	1
		3990	64.11439	-63.89353	106.80000	0.00000	0.00000	0.01629	1
		3991	66.10957	-63.89353	106.80000	0.00000	0.00000	0.01453	1
		3992	68.10475	-63.89353	106.80000	0.00000	0.00000	0.01291	1
		3993	70.09993	-63.89353	106.80000	0.00000	0.00000	0.01143	1
		3994	72.09511	-63.89353	106.80000	0.00000	0.00000	0.01008	1
		3995	74.09029	-63.89353	106.80000	0.00000	0.00000	0.00884	1
		3996	76.08547	-63.89353	106.80000	0.00000	0.00000	0.00771	1
		3997	78.08065	-63.89353	106.80000	0.00000	0.00000	0.00668	1
		3998	80.07583	-63.89353	106.80000	0.00000	0.00000	0.00573	1
		4004	92.04691	-63.89353	106.80000	0.00000	0.00000	0.00135	1
		4000	84.06619	-63.89353	106.80000	0.00000	0.00000	0.00405	1
		4001	86.06137	-63.89353	106.80000	0.00000	0.00000	0.00330	1
		4002	88.05655	-63.89353	106.80000	0.00000	0.00000	0.00261	1
		4003	90.05173	-63.89353	106.80000	0.00000	0.00000	0.00196	1
		4004	92.04691	-63.89353	106.80000	0.00000	0.00000	0.00135	1
		4005	94.04209	-63.89353	106.80000	0.00000	0.00000	0.00079	1
		4006	96.03727	-63.89353	106.80000	0.00000	0.00000	0.00025	1
		4007	98.03245	-63.89353	106.80000	0.00000	0.00000	-0.00025	1
		4008	100.02763	-63.89353	106.80000	0.00000	0.00000	-0.00073	1
		4009	102.02281	-63.89353	106.80000	0.00000	0.00000	-0.00118	1
		4010	104.01799	-63.89353	106.80000	0.00000	0.00000	-0.00161	1
		4011	106.01317	-63.89353	106.80000	0.00000	0.00000	-0.00201	1
		4012	108.00835	-63.89353	106.80000	0.00000	0.00000	-0.00240	1
		4013	110.00353	-63.89353	106.80000	0.00000	0.00000	-0.00276	1
		4014	111.99871	-63.89353	106.80000	0.00000	0.00000	-0.00310	1
		4015	113.99388	-63.89353	106.80000	0.00000	0.00000	-0.00342	1
		4016	115.98906	-63.89353	106.80000	0.00000	0.00000	-0.00372	1
		4017	117.98424	-63.89353	106.80000	0.00000	0.00000	-0.00400	1
		4018	119.97942	-63.89353	106.80000	0.00000	0.00000	-0.00427	1
		4019	121.97460	-63.89353	106.80000	0.00000	0.00000	-0.00451	1
		4020	123.96978	-63.89353	106.80000	0.00000	0.00000	-0.00473	1
		4021	125.96496	-63.89353	106.80000	0.00000	0.00000	-0.00494	1
		4022	127.96014	-63.89353	106.80000	0.00000	0.00000	-0.00513	1
		4023	129.95532	-63.89353	106.80000	0.00000	0.00000	-0.00530	1
		4024	131.95050	-63.89353	106.80000	0.00000	0.00000	-0.00545	1
		4025	133.94568	-63.89353	106.80000	0.00000	0.00000	-0.00559	1
		4026	135.94086	-63.89353	106.80000	0.00000	0.00000	-0.00571	1
		4027	137.93604	-63.89353	106.80000	0.00000	0.00000	-0.00582	1
		4028	139.93122	-63.89353	106.80000	0.00000	0.00000	-0.00591	1
		4029	141.92640	-63.89353	106.80000	0.00000	0.00000	-0.00598	1
		4030	143.92158	-63.89353	106.80000	0.00000	0.00000	-0.00605	1
		4031	145.91676	-63.89353	106.80000	0.00000	0.00000	-0.00610	1
		4032	147.91194	-63.89353	106.80000	0.00000	0.00000	-0.00614	1
		4033	149.90712	-63.89353	106.80000	0.00000	0.00000	-0.00616	1
		4034	151.90230	-63.89353	106.80000	0.00000	0.00000	-0.00618	1
		4035	153.89748	-63.89353	106.80000	0.00000	0.00000	-0.00619	1
		4036	155.89266	-63.89353	106.80000	0.00000	0.00000	-0.00618	1
		4037	157.88784	-63.89353	106.80000	0.00000	0.00000	-0.00617	1
		4038	159.88302	-63.89353	106.80000	0.00000	0.00000	-0.00615	1
		4039	161.87820	-63.89353	106.80000	0.00000	0.00000	-0.00613	1
		4040	163.87338	-63.89353	106.80000	0.00000	0.00000	-0.00609	1
		4041	165.86856	-63.89353	106.80000	0.00000	0.00000	-0.00606	1
		4042	167.86374	-63.89353	106.80000	0.00000	0.00000	-0.00601	1
		4043	169.85892	-63.89353	106.80000	0.00000	0.00000	-0.00596	1
		4044	171.85410	-63.89353	106.80000	0.00000	0.00000	-0.00591	1
		4045	173.84928	-63.89353	106.80000	0.00000	0.00000	-0.00585	1
		4046	175.84446	-63.89353	106.80000	0.00000	0.00000	-0.00579	1
		4047	177.83964	-63.89353	106.80000	0.00000	0.00000	-0.00573	1
		4048	179.83482	-63.89353	106.80000	0.00000	0.00000	-0.00566	1
		4049	181.83000	-63.89353	106.80000	0.00000	0.00000	-0.00559	1
		4050	-95.50000	-62.01878	106.80000	0.00000	0.00000	-0.00413	1
		4051	-93.50482	-62.01878	106.80000	0.00000	0.00000	-0.00352	1
		4052	-91.50964	-62.01878	106.80000	0.00000	0.00000	-0.00283	1
		4053	-89.51446	-62.01878	106.80000	0.00000	0.00000	-0.00206	1
		4054	-87.51928	-62.01878	106.80000	0.00000	0.00000	-0.00119	1
		4055	-85.52410	-62.01878	106.80000	0.00000	0.00000	-0.00023	1
		4056	-83.52892	-62.01878	106.80000	0.00000	0.00000	0.00085	1
		4057	-81.53374	-62.01878	106.80000	0.00000	0.00000	0.00205	1
		4058	-79.53856	-62.01878	106.80000	0.00000	0.00000	0.00337	1
		4059	-77.54338	-62.01878	106.80000	0.00000	0.00000	0.00484	1
		4060	-75.54820	-62.01878	106.80000	0.00000	0.00000	0.00645	1
		4061	-73.55302	-62.01878	106.80000	0.00000	0.00000	0.00822	1
		4062	-71.55784	-62.01878	106.80000	0.00000	0.00000	0.01017	1
		4063	-69.56266	-62.01878	106.80000	0.00000	0.00000	0.01229	1
		4064	-67.56748	-62.01878	106.80000	0.00000	0.00000	0.01461	1
		4065	-65.57230	-62.01878	106.80000	0.00000	0.00000	0.01713	1
		4066	-63.57712	-62.01878	106.80000	0.00000	0.00000	0.01986	1
		4067	-61.58194	-62.01878	106.80000	0.00000	0.00000	0.02282	1
		4068	-59.58676	-62.01878	106.80000	0.00000	0.00000	0.02601	1
		4069	-57.59158	-62.01878	106.80000	0.00000	0.00000	0.02943	1
		4070	-55.59640	-62.01878	106.80000	0.00000	0.00000	0.03311	1
		4071	-53.60122	-62.01878	106.80000	0.00000	0.00000	0.03703	1
		4072	-51.60604	-62.01878	106.80000	0.00000	0.00000	0.04120	1
		4073	-49.61086	-62.01878	106.80000	0.00000	0.00000	0.04562	1
		4074	-47.61568	-62.01878	106.80000	0.00000	0.00000	0.05027	1
		4075	-45.62050	-62.01878	106.80000	0.00000	0.00000	0.05517	1
		4076	-43.62532	-62.01878	106.80000	0.00000	0.00000	0.06027	1
		4077	-41.63014	-62.01878	106.80000	0.00000	0.00000	0.06558	1
		4078	-39.63496	-62.01878	106.80000	0.00000	0.00000	0.07106	1
		4079	-37.63978	-62.01878	106.80000	0.00000	0.00000	0.07669	1
		4080	-35.64460	-62.01878	106.80000	0.00000	0.00000	0.08242	1
		4081	-33.64942	-62.01878	106.80000	0.00000	0.00000	0.08823	1
		4082	-31.65424	-62.01878	106.80000	0.00000	0.00000	0.09405	1
		4083	-29.65906	-62.01878	106.80000	0.00000	0.00000	0.09985	1
		4084	-27.66388	-62.01878	106.80000	0.00000	0.00000	0.10579	1
		4085	-25.66871	-62.01878	106.80000	0.00000	0.00000	0.11114	1
		4086	-23.67353	-62.01878	106.80000	0.00000	0.00000	0.11652	1
		4087	-21.67835	-62.01878	106.80000	0.00000	0.00000	0.12165	1
		4088	-19.68317	-62.01878	106.80000	0.00000	0.00000	0.12645	1
		4089	-17.68799	-62.01878	106.80000	0.00000	0.00000	0.13089	1
		4090	-15.69281	-62.01878	106.80000	0.00000	0.00000	0.13490	1
		4091	-13.69763	-62.01878	106.80000	0.00000	0.00000	0.13843	1
		4092	-11.70245	-62.01878	106.80000	0.00000	0.00000	0.14145	1
		4093	-9.70727	-62.01878	106.80000	0.00000	0.00000	0.14391	1
		4094	-7.71209	-62.01878	106.80000	0.00000	0.00000	0.14579	1
		4095	-5.71691	-62.01878	106.80000	0.00000	0.00000	0.14706	1
		4096	-3.72173	-62.01878	106.80000	0.00000	0.00000	0.14770	1
		4097	-1.72655	-62.01878	106.80000	0.00000	0.00000	0.14772	1
		4098	0.26863	-62.01878	106.80000	0.00000	0.00000	0.14712	1
		4099	2.26381	-62.01878	106.80000	0.00000	0.00000	0.14590	1
		4100	4.25899	-62.01878	106.80000	0.00000	0.00000	0.14409	1
		4101	6.25417	-62.01878	106.80000	0.00000	0.00000	0.14171	1
		4102	8.24935	-62.01878	106.80000	0.00000	0.00000	0.13879	1
		4103	10.24453	-62.01878	106.80000	0.00000	0.00000	0.13539	1
		4104	12.23						

Job No.		Sheet No.		Rev.
Drg. Ref.				
Made by	Date 20-Sep-2024	Checked	Date	

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		4119	42.16741	-62.01878	106.80000	0.00000	0.00000	0.05456	1
		4120	44.16259	-62.01878	106.80000	0.00000	0.00000	0.05013	1
		4121	46.15777	-62.01878	106.80000	0.00000	0.00000	0.04594	1
		4122	48.15295	-62.01878	106.80000	0.00000	0.00000	0.04200	1
		4123	50.14813	-62.01878	106.80000	0.00000	0.00000	0.03830	1
		4124	52.14331	-62.01878	106.80000	0.00000	0.00000	0.03485	1
		4125	54.13849	-62.01878	106.80000	0.00000	0.00000	0.03164	1
		4126	56.13367	-62.01878	106.80000	0.00000	0.00000	0.02866	1
		4127	58.12885	-62.01878	106.80000	0.00000	0.00000	0.02592	1
		4128	60.12403	-62.01878	106.80000	0.00000	0.00000	0.02339	1
		4129	62.11921	-62.01878	106.80000	0.00000	0.00000	0.02107	1
		4130	64.11439	-62.01878	106.80000	0.00000	0.00000	0.01894	1
		4131	66.10957	-62.01878	106.80000	0.00000	0.00000	0.01700	1
		4132	68.10475	-62.01878	106.80000	0.00000	0.00000	0.01523	1
		4133	70.09993	-62.01878	106.80000	0.00000	0.00000	0.01361	1
		4134	72.09511	-62.01878	106.80000	0.00000	0.00000	0.01213	1
		4135	74.09029	-62.01878	106.80000	0.00000	0.00000	0.01078	1
		4136	76.08547	-62.01878	106.80000	0.00000	0.00000	0.00955	1
		4137	78.08065	-62.01878	106.80000	0.00000	0.00000	0.00842	1
		4138	80.07583	-62.01878	106.80000	0.00000	0.00000	0.00738	1
		4139	82.07101	-62.01878	106.80000	0.00000	0.00000	0.00643	1
		4140	84.06619	-62.01878	106.80000	0.00000	0.00000	0.00555	1
		4141	86.06137	-62.01878	106.80000	0.00000	0.00000	0.00473	1
		4142	88.05655	-62.01878	106.80000	0.00000	0.00000	0.00397	1
		4143	90.05173	-62.01878	106.80000	0.00000	0.00000	0.00326	1
		4144	92.04691	-62.01878	106.80000	0.00000	0.00000	0.00259	1
		4145	94.04209	-62.01878	106.80000	0.00000	0.00000	0.00196	1
		4146	96.03727	-62.01878	106.80000	0.00000	0.00000	0.00137	1
		4147	98.03245	-62.01878	106.80000	0.00000	0.00000	0.00081	1
		4148	100.02763	-62.01878	106.80000	0.00000	0.00000	0.00027	1
		4149	102.02281	-62.01878	106.80000	0.00000	0.00000	-0.00024	1
		4150	104.01799	-62.01878	106.80000	0.00000	0.00000	-0.00072	1
		4151	106.01317	-62.01878	106.80000	0.00000	0.00000	-0.00118	1
		4152	108.00835	-62.01878	106.80000	0.00000	0.00000	-0.00162	1
		4153	110.00353	-62.01878	106.80000	0.00000	0.00000	-0.00203	1
		4154	111.99871	-62.01878	106.80000	0.00000	0.00000	-0.00242	1
		4155	113.99388	-62.01878	106.80000	0.00000	0.00000	-0.00279	1
		4156	115.98906	-62.01878	106.80000	0.00000	0.00000	-0.00314	1
		4157	117.98424	-62.01878	106.80000	0.00000	0.00000	-0.00347	1
		4158	119.97942	-62.01878	106.80000	0.00000	0.00000	-0.00378	1
		4159	121.97460	-62.01878	106.80000	0.00000	0.00000	-0.00406	1
		4160	123.96978	-62.01878	106.80000	0.00000	0.00000	-0.00433	1
		4161	125.96496	-62.01878	106.80000	0.00000	0.00000	-0.00457	1
		4162	127.96014	-62.01878	106.80000	0.00000	0.00000	-0.00479	1
		4163	129.95532	-62.01878	106.80000	0.00000	0.00000	-0.00500	1
		4164	131.95050	-62.01878	106.80000	0.00000	0.00000	-0.00518	1
		4165	133.94568	-62.01878	106.80000	0.00000	0.00000	-0.00534	1
		4166	135.94086	-62.01878	106.80000	0.00000	0.00000	-0.00549	1
		4167	137.93604	-62.01878	106.80000	0.00000	0.00000	-0.00562	1
		4168	139.93122	-62.01878	106.80000	0.00000	0.00000	-0.00573	1
		4169	141.92640	-62.01878	106.80000	0.00000	0.00000	-0.00583	1
		4170	143.92158	-62.01878	106.80000	0.00000	0.00000	-0.00591	1
		4171	145.91676	-62.01878	106.80000	0.00000	0.00000	-0.00598	1
		4172	147.91194	-62.01878	106.80000	0.00000	0.00000	-0.00603	1
		4173	149.90712	-62.01878	106.80000	0.00000	0.00000	-0.00608	1
		4174	151.90230	-62.01878	106.80000	0.00000	0.00000	-0.00610	1
		4175	153.89748	-62.01878	106.80000	0.00000	0.00000	-0.00612	1
		4176	155.89266	-62.01878	106.80000	0.00000	0.00000	-0.00613	1
		4177	157.88784	-62.01878	106.80000	0.00000	0.00000	-0.00613	1
		4178	159.88302	-62.01878	106.80000	0.00000	0.00000	-0.00612	1
		4179	161.87820	-62.01878	106.80000	0.00000	0.00000	-0.00610	1
		4180	163.87338	-62.01878	106.80000	0.00000	0.00000	-0.00607	1
		4181	165.86856	-62.01878	106.80000	0.00000	0.00000	-0.00604	1
		4182	167.86374	-62.01878	106.80000	0.00000	0.00000	-0.00600	1
		4183	169.85892	-62.01878	106.80000	0.00000	0.00000	-0.00596	1
		4184	171.85410	-62.01878	106.80000	0.00000	0.00000	-0.00591	1
		4185	173.84928	-62.01878	106.80000	0.00000	0.00000	-0.00586	1
		4186	175.84446	-62.01878	106.80000	0.00000	0.00000	-0.00580	1
		4187	177.83964	-62.01878	106.80000	0.00000	0.00000	-0.00574	1
		4188	179.83482	-62.01878	106.80000	0.00000	0.00000	-0.00567	1
		4189	181.83000	-62.01878	106.80000	0.00000	0.00000	-0.00561	1
		4190	-95.50000	-60.14403	106.80000	0.00000	0.00000	-0.00377	1
		4191	-93.50482	-60.14403	106.80000	0.00000	0.00000	-0.00311	1
		4192	-91.50964	-60.14403	106.80000	0.00000	0.00000	-0.00236	1
		4193	-89.51446	-60.14403	106.80000	0.00000	0.00000	-0.00151	1
		4194	-87.51928	-60.14403	106.80000	0.00000	0.00000	-0.00057	1
		4195	-85.52410	-60.14403	106.80000	0.00000	0.00000	0.00049	1
		4196	-83.52892	-60.14403	106.80000	0.00000	0.00000	0.00167	1
		4197	-81.53374	-60.14403	106.80000	0.00000	0.00000	0.00298	1
		4198	-79.53856	-60.14403	106.80000	0.00000	0.00000	0.00443	1
		4199	-77.54338	-60.14403	106.80000	0.00000	0.00000	0.00604	1
		4200	-75.54820	-60.14403	106.80000	0.00000	0.00000	0.00781	1
		4201	-73.55302	-60.14403	106.80000	0.00000	0.00000	0.00976	1
		4202	-71.55784	-60.14403	106.80000	0.00000	0.00000	0.01190	1
		4203	-69.56266	-60.14403	106.80000	0.00000	0.00000	0.01424	1
		4204	-67.56748	-60.14403	106.80000	0.00000	0.00000	0.01680	1
		4205	-65.57230	-60.14403	106.80000	0.00000	0.00000	0.01960	1
		4206	-63.57712	-60.14403	106.80000	0.00000	0.00000	0.02263	1
		4207	-61.58194	-60.14403	106.80000	0.00000	0.00000	0.02592	1
		4208	-59.58676	-60.14403	106.80000	0.00000	0.00000	0.02948	1
		4209	-57.59158	-60.14403	106.80000	0.00000	0.00000	0.03331	1
		4210	-55.59640	-60.14403	106.80000	0.00000	0.00000	0.03742	1
		4211	-53.60122	-60.14403	106.80000	0.00000	0.00000	0.04183	1
		4212	-51.60604	-60.14403	106.80000	0.00000	0.00000	0.04652	1
		4213	-49.61086	-60.14403	106.80000	0.00000	0.00000	0.05151	1
		4214	-47.61568	-60.14403	106.80000	0.00000	0.00000	0.05679	1
		4215	-45.62050	-60.14403	106.80000	0.00000	0.00000	0.06234	1
		4216	-43.62532	-60.14403	106.80000	0.00000	0.00000	0.06815	1
		4217	-41.63014	-60.14403	106.80000	0.00000	0.00000	0.07421	1
		4218	-39.63496	-60.14403	106.80000	0.00000	0.00000	0.08048	1
		4219	-37.63978	-60.14403	106.80000	0.00000	0.00000	0.08693	1
		4220	-35.64460	-60.14403	106.80000	0.00000	0.00000	0.09353	1
		4221	-33.64942	-60.14403	106.80000	0.00000	0.00000	0.10022	1
		4222	-31.65424	-60.14403	106.80000	0.00000	0.00000	0.10694	1
		4223	-29.65906	-60.14403	106.80000	0.00000	0.00000	0.11366	1
		4224	-27.66388	-60.14403	106.80000	0.00000	0.00000	0.12028	1
		4225	-25.66871	-60.14403	106.80000	0.00000	0.00000	0.12676	1
		4226	-23.67353	-60.14403	106.80000	0.00000	0.00000	0.13302	1
		4227	-21.67835	-60.14403	106.80000	0.00000	0.00000	0.13899	1
		4228	-19.68317	-60.14403	106.80000	0.00000	0.00000	0.14459	1
		4229	-17.68799	-60.14403	106.80000	0.00000	0.00000	0.15076	1
		4230	-15.69281	-60.14403	106.80000	0.00000	0.00000	0.15445	1
		4231	-13.69763	-60.14403	106.80000	0.00000	0.00000	0.15857	1
		4232	-11.70245	-60.14403	106.80000	0.00000	0.00000	0.16210	1
		4233	-9.70727	-60.14403	106.80000	0.00000	0.00000	0.16497	1
		4234							

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	Date		

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		4249	22.21561	-60.14403	106.80000	0.00000	0.00000	0.12219	1
		4250	24.21079	-60.14403	106.80000	0.00000	0.00000	0.11587	1
		4251	26.20597	-60.14403	106.80000	0.00000	0.00000	0.10947	1
		4252	28.20115	-60.14403	106.80000	0.00000	0.00000	0.10306	1
		4253	30.19633	-60.14403	106.80000	0.00000	0.00000	0.09668	1
		4254	32.19151	-60.14403	106.80000	0.00000	0.00000	0.09040	1
		4255	34.18669	-60.14403	106.80000	0.00000	0.00000	0.08424	1
		4256	36.18187	-60.14403	106.80000	0.00000	0.00000	0.07826	1
		4257	38.17705	-60.14403	106.80000	0.00000	0.00000	0.07249	1
		4258	40.17223	-60.14403	106.80000	0.00000	0.00000	0.06695	1
		4259	42.16741	-60.14403	106.80000	0.00000	0.00000	0.06167	1
		4260	44.16259	-60.14403	106.80000	0.00000	0.00000	0.05665	1
		4261	46.15777	-60.14403	106.80000	0.00000	0.00000	0.05192	1
		4262	48.15295	-60.14403	106.80000	0.00000	0.00000	0.04748	1
		4263	50.14813	-60.14403	106.80000	0.00000	0.00000	0.04333	1
		4264	52.14331	-60.14403	106.80000	0.00000	0.00000	0.03946	1
		4265	54.13849	-60.14403	106.80000	0.00000	0.00000	0.03588	1
		4266	56.13367	-60.14403	106.80000	0.00000	0.00000	0.03257	1
		4267	58.12885	-60.14403	106.80000	0.00000	0.00000	0.02952	1
		4268	60.12403	-60.14403	106.80000	0.00000	0.00000	0.02672	1
		4269	62.11921	-60.14403	106.80000	0.00000	0.00000	0.02416	1
		4270	64.11439	-60.14403	106.80000	0.00000	0.00000	0.02182	1
		4271	66.10957	-60.14403	106.80000	0.00000	0.00000	0.01969	1
		4272	68.10475	-60.14403	106.80000	0.00000	0.00000	0.01775	1
		4273	70.09993	-60.14403	106.80000	0.00000	0.00000	0.01598	1
		4274	72.09511	-60.14403	106.80000	0.00000	0.00000	0.01437	1
		4275	74.09029	-60.14403	106.80000	0.00000	0.00000	0.01290	1
		4276	76.08547	-60.14403	106.80000	0.00000	0.00000	0.01156	1
		4277	78.08065	-60.14403	106.80000	0.00000	0.00000	0.01033	1
		4278	80.07583	-60.14403	106.80000	0.00000	0.00000	0.00921	1
		4279	82.07101	-60.14403	106.80000	0.00000	0.00000	0.00817	1
		4280	84.06619	-60.14403	106.80000	0.00000	0.00000	0.00721	1
		4281	86.06137	-60.14403	106.80000	0.00000	0.00000	0.00632	1
		4282	88.05655	-60.14403	106.80000	0.00000	0.00000	0.00549	1
		4283	90.05173	-60.14403	106.80000	0.00000	0.00000	0.00471	1
		4284	92.04691	-60.14403	106.80000	0.00000	0.00000	0.00397	1
		4285	94.04209	-60.14403	106.80000	0.00000	0.00000	0.00328	1
		4286	96.03727	-60.14403	106.80000	0.00000	0.00000	0.00262	1
		4287	98.03245	-60.14403	106.80000	0.00000	0.00000	0.00199	1
		4288	100.02763	-60.14403	106.80000	0.00000	0.00000	0.00139	1
		4289	102.02281	-60.14403	106.80000	0.00000	0.00000	0.00082	1
		4290	104.01799	-60.14403	106.80000	0.00000	0.00000	0.00027	1
		4291	106.01317	-60.14403	106.80000	0.00000	0.00000	-0.00025	1
		4292	108.00835	-60.14403	106.80000	0.00000	0.00000	-0.00075	1
		4293	110.00353	-60.14403	106.80000	0.00000	0.00000	-0.00122	1
		4294	111.99871	-60.14403	106.80000	0.00000	0.00000	-0.00167	1
		4295	113.99389	-60.14403	106.80000	0.00000	0.00000	-0.00210	1
		4296	115.98907	-60.14403	106.80000	0.00000	0.00000	-0.00250	1
		4297	117.98424	-60.14403	106.80000	0.00000	0.00000	-0.00288	1
		4298	119.97942	-60.14403	106.80000	0.00000	0.00000	-0.00323	1
		4299	121.97460	-60.14403	106.80000	0.00000	0.00000	-0.00356	1
		4300	123.96978	-60.14403	106.80000	0.00000	0.00000	-0.00387	1
		4301	125.96496	-60.14403	106.80000	0.00000	0.00000	-0.00415	1
		4302	127.96014	-60.14403	106.80000	0.00000	0.00000	-0.00442	1
		4303	129.95532	-60.14403	106.80000	0.00000	0.00000	-0.00466	1
		4304	131.95050	-60.14403	106.80000	0.00000	0.00000	-0.00487	1
		4305	133.94568	-60.14403	106.80000	0.00000	0.00000	-0.00507	1
		4306	135.94086	-60.14403	106.80000	0.00000	0.00000	-0.00525	1
		4307	137.93604	-60.14403	106.80000	0.00000	0.00000	-0.00540	1
		4308	139.93122	-60.14403	106.80000	0.00000	0.00000	-0.00554	1
		4309	141.92640	-60.14403	106.80000	0.00000	0.00000	-0.00566	1
		4310	143.92158	-60.14403	106.80000	0.00000	0.00000	-0.00576	1
		4311	145.91676	-60.14403	106.80000	0.00000	0.00000	-0.00585	1
		4312	147.91194	-60.14403	106.80000	0.00000	0.00000	-0.00592	1
		4313	149.90712	-60.14403	106.80000	0.00000	0.00000	-0.00598	1
		4314	151.90230	-60.14403	106.80000	0.00000	0.00000	-0.00602	1
		4315	153.89748	-60.14403	106.80000	0.00000	0.00000	-0.00605	1
		4316	155.89266	-60.14403	106.80000	0.00000	0.00000	-0.00607	1
		4317	157.88784	-60.14403	106.80000	0.00000	0.00000	-0.00608	1
		4318	159.88302	-60.14403	106.80000	0.00000	0.00000	-0.00608	1
		4319	161.87820	-60.14403	106.80000	0.00000	0.00000	-0.00607	1
		4320	163.87338	-60.14403	106.80000	0.00000	0.00000	-0.00605	1
		4321	165.86856	-60.14403	106.80000	0.00000	0.00000	-0.00602	1
		4322	167.86374	-60.14403	106.80000	0.00000	0.00000	-0.00599	1
		4323	169.85892	-60.14403	106.80000	0.00000	0.00000	-0.00595	1
		4324	171.85410	-60.14403	106.80000	0.00000	0.00000	-0.00591	1
		4325	173.84928	-60.14403	106.80000	0.00000	0.00000	-0.00586	1
		4326	175.84446	-60.14403	106.80000	0.00000	0.00000	-0.00580	1
		4327	177.83964	-60.14403	106.80000	0.00000	0.00000	-0.00574	1
		4328	179.83482	-60.14403	106.80000	0.00000	0.00000	-0.00568	1
		4329	181.83000	-60.14403	106.80000	0.00000	0.00000	-0.00562	1
		4330	-95.50000	-58.26928	106.80000	0.00000	0.00000	-0.00340	1
		4331	-93.50482	-58.26928	106.80000	0.00000	0.00000	-0.00267	1
		4332	-91.50964	-58.26928	106.80000	0.00000	0.00000	-0.00186	1
		4333	-89.51446	-58.26928	106.80000	0.00000	0.00000	-0.00094	1
		4334	-87.51928	-58.26928	106.80000	0.00000	0.00000	-0.00009	1
		4335	-85.52410	-58.26928	106.80000	0.00000	0.00000	0.00125	1
		4336	-83.52892	-58.26928	106.80000	0.00000	0.00000	0.00253	1
		4337	-81.53374	-58.26928	106.80000	0.00000	0.00000	0.00396	1
		4338	-79.53856	-58.26928	106.80000	0.00000	0.00000	0.00555	1
		4339	-77.54338	-58.26928	106.80000	0.00000	0.00000	0.00731	1
		4340	-75.54820	-58.26928	106.80000	0.00000	0.00000	0.00925	1
		4341	-73.55302	-58.26928	106.80000	0.00000	0.00000	0.01139	1
		4342	-71.55784	-58.26928	106.80000	0.00000	0.00000	0.01374	1
		4343	-69.56266	-58.26928	106.80000	0.00000	0.00000	0.01633	1
		4344	-67.56748	-58.26928	106.80000	0.00000	0.00000	0.01915	1
		4345	-65.57230	-58.26928	106.80000	0.00000	0.00000	0.02224	1
		4346	-63.57712	-58.26928	106.80000	0.00000	0.00000	0.02561	1
		4347	-61.58194	-58.26928	106.80000	0.00000	0.00000	0.02926	1
		4348	-59.58676	-58.26928	106.80000	0.00000	0.00000	0.03322	1
		4349	-57.59158	-58.26928	106.80000	0.00000	0.00000	0.03750	1
		4350	-55.59640	-58.26928	106.80000	0.00000	0.00000	0.04210	1
		4351	-53.60122	-58.26928	106.80000	0.00000	0.00000	0.04705	1
		4352	-51.60604	-58.26928	106.80000	0.00000	0.00000	0.05233	1
		4353	-49.61086	-58.26928	106.80000	0.00000	0.00000	0.05796	1
		4354	-47.61568	-58.26928	106.80000	0.00000	0.00000	0.06393	1
		4355	-45.62050	-58.26928	106.80000	0.00000	0.00000	0.07023	1
		4356	-43.62532	-58.26928	106.80000	0.00000	0.00000	0.07685	1
		4357	-41.63014	-58.26928	106.80000	0.00000	0.00000	0.08376	1
		4358	-39.63496	-58.26928	106.80000	0.00000	0.00000	0.09094	1
		4359	-37.63978	-58.26928	106.80000	0.00000	0.00000	0.09834	1
		4360	-35.64460	-58.26928	106.80000	0.00000	0.00000	0.10593	1
		4361	-33.64942	-58.26928	106.80000	0.00000	0.00000	0.11365	1
		4362	-31.65424	-58.26928	106.80000	0.00000	0.00000	0.12143	1
		4363	-29.65906	-58.26928	106.80000	0.00000	0.00000</		

Oasys								Job No.	Sheet No.	Rev.
								Drg. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		4379	2.26381	-58.26928	106.80000	0.00000	0.00000	0.19167	1	
		4380	4.25899	-58.26928	106.80000	0.00000	0.00000	0.18917	1	
		4381	6.25417	-58.26928	106.80000	0.00000	0.00000	0.18589	1	
		4382	8.24935	-58.26928	106.80000	0.00000	0.00000	0.18188	1	
		4383	10.24453	-58.26928	106.80000	0.00000	0.00000	0.17721	1	
		4384	12.23971	-58.26928	106.80000	0.00000	0.00000	0.17193	1	
		4385	14.23489	-58.26928	106.80000	0.00000	0.00000	0.16611	1	
		4386	16.23007	-58.26928	106.80000	0.00000	0.00000	0.15984	1	
		4387	18.22525	-58.26928	106.80000	0.00000	0.00000	0.15318	1	
		4388	20.22043	-58.26928	106.80000	0.00000	0.00000	0.14622	1	
		4389	22.21561	-58.26928	106.80000	0.00000	0.00000	0.13903	1	
		4390	24.21079	-58.26928	106.80000	0.00000	0.00000	0.13170	1	
		4391	26.20597	-58.26928	106.80000	0.00000	0.00000	0.12429	1	
		4392	28.20115	-58.26928	106.80000	0.00000	0.00000	0.11688	1	
		4393	30.19633	-58.26928	106.80000	0.00000	0.00000	0.10952	1	
		4394	32.19151	-58.26928	106.80000	0.00000	0.00000	0.10229	1	
		4395	34.18669	-58.26928	106.80000	0.00000	0.00000	0.09523	1	
		4396	36.18187	-58.26928	106.80000	0.00000	0.00000	0.08838	1	
		4397	38.17705	-58.26928	106.80000	0.00000	0.00000	0.08179	1	
		4398	40.17223	-58.26928	106.80000	0.00000	0.00000	0.07549	1	
		4399	42.16741	-58.26928	106.80000	0.00000	0.00000	0.06948	1	
		4400	44.16259	-58.26928	106.80000	0.00000	0.00000	0.06381	1	
		4401	46.15777	-58.26928	106.80000	0.00000	0.00000	0.05847	1	
		4402	48.15295	-58.26928	106.80000	0.00000	0.00000	0.05347	1	
		4403	50.14813	-58.26928	106.80000	0.00000	0.00000	0.04881	1	
		4404	52.14331	-58.26928	106.80000	0.00000	0.00000	0.04448	1	
		4405	54.13849	-58.26928	106.80000	0.00000	0.00000	0.04049	1	
		4406	56.13367	-58.26928	106.80000	0.00000	0.00000	0.03681	1	
		4407	58.12885	-58.26928	106.80000	0.00000	0.00000	0.03343	1	
		4408	60.12403	-58.26928	106.80000	0.00000	0.00000	0.03034	1	
		4409	62.11921	-58.26928	106.80000	0.00000	0.00000	0.02752	1	
		4410	64.11439	-58.26928	106.80000	0.00000	0.00000	0.02495	1	
		4411	66.10957	-58.26928	106.80000	0.00000	0.00000	0.02262	1	
		4412	68.10475	-58.26928	106.80000	0.00000	0.00000	0.02049	1	
		4413	70.09993	-58.26928	106.80000	0.00000	0.00000	0.01857	1	
		4414	72.09511	-58.26928	106.80000	0.00000	0.00000	0.01682	1	
		4415	74.09029	-58.26928	106.80000	0.00000	0.00000	0.01522	1	
		4416	76.08547	-58.26928	106.80000	0.00000	0.00000	0.01377	1	
		4417	78.08065	-58.26928	106.80000	0.00000	0.00000	0.01244	1	
		4418	80.07583	-58.26928	106.80000	0.00000	0.00000	0.01123	1	
		4419	82.07101	-58.26928	106.80000	0.00000	0.00000	0.01010	1	
		4420	84.06619	-58.26928	106.80000	0.00000	0.00000	0.00906	1	
		4421	86.06137	-58.26928	106.80000	0.00000	0.00000	0.00809	1	
		4422	88.05655	-58.26928	106.80000	0.00000	0.00000	0.00718	1	
		4423	90.05173	-58.26928	106.80000	0.00000	0.00000	0.00633	1	
		4424	92.04691	-58.26928	106.80000	0.00000	0.00000	0.00552	1	
		4425	94.04209	-58.26928	106.80000	0.00000	0.00000	0.00475	1	
		4426	96.03727	-58.26928	106.80000	0.00000	0.00000	0.00402	1	
		4427	98.03245	-58.26928	106.80000	0.00000	0.00000	0.00332	1	
		4428	100.02763	-58.26928	106.80000	0.00000	0.00000	0.00265	1	
		4429	102.02281	-58.26928	106.80000	0.00000	0.00000	0.00200	1	
		4430	104.01799	-58.26928	106.80000	0.00000	0.00000	0.00139	1	
		4431	106.01317	-58.26928	106.80000	0.00000	0.00000	0.00080	1	
		4432	108.00835	-58.26928	106.80000	0.00000	0.00000	0.00023	1	
		4433	110.00353	-58.26928	106.80000	0.00000	0.00000	-0.00031	1	
		4434	111.99871	-58.26928	106.80000	0.00000	0.00000	-0.00082	1	
		4435	113.99388	-58.26928	106.80000	0.00000	0.00000	-0.00131	1	
		4436	115.98906	-58.26928	106.80000	0.00000	0.00000	-0.00177	1	
		4437	117.98424	-58.26928	106.80000	0.00000	0.00000	-0.00221	1	
		4438	119.97942	-58.26928	106.80000	0.00000	0.00000	-0.00262	1	
		4439	121.97460	-58.26928	106.80000	0.00000	0.00000	-0.00300	1	
		4440	123.96978	-58.26928	106.80000	0.00000	0.00000	-0.00336	1	
		4441	125.96496	-58.26928	106.80000	0.00000	0.00000	-0.00369	1	
		4442	127.96014	-58.26928	106.80000	0.00000	0.00000	-0.00400	1	
		4443	129.95532	-58.26928	106.80000	0.00000	0.00000	-0.00428	1	
		4444	131.95050	-58.26928	106.80000	0.00000	0.00000	-0.00453	1	
		4445	133.94568	-58.26928	106.80000	0.00000	0.00000	-0.00476	1	
		4446	135.94086	-58.26928	106.80000	0.00000	0.00000	-0.00497	1	
		4447	137.93604	-58.26928	106.80000	0.00000	0.00000	-0.00516	1	
		4448	139.93122	-58.26928	106.80000	0.00000	0.00000	-0.00532	1	
		4449	141.92640	-58.26928	106.80000	0.00000	0.00000	-0.00547	1	
		4450	143.92158	-58.26928	106.80000	0.00000	0.00000	-0.00559	1	
		4451	145.91676	-58.26928	106.80000	0.00000	0.00000	-0.00570	1	
		4452	147.91194	-58.26928	106.80000	0.00000	0.00000	-0.00579	1	
		4453	149.90712	-58.26928	106.80000	0.00000	0.00000	-0.00586	1	
		4454	151.90230	-58.26928	106.80000	0.00000	0.00000	-0.00592	1	
		4455	153.89748	-58.26928	106.80000	0.00000	0.00000	-0.00597	1	
		4456	155.89266	-58.26928	106.80000	0.00000	0.00000	-0.00600	1	
		4457	157.88784	-58.26928	106.80000	0.00000	0.00000	-0.00602	1	
		4458	159.88302	-58.26928	106.80000	0.00000	0.00000	-0.00603	1	
		4459	161.87820	-58.26928	106.80000	0.00000	0.00000	-0.00603	1	
		4460	163.87338	-58.26928	106.80000	0.00000	0.00000	-0.00602	1	
		4461	165.86856	-58.26928	106.80000	0.00000	0.00000	-0.00600	1	
		4462	167.86374	-58.26928	106.80000	0.00000	0.00000	-0.00597	1	
		4463	169.85892	-58.26928	106.80000	0.00000	0.00000	-0.00594	1	
		4464	171.85410	-58.26928	106.80000	0.00000	0.00000	-0.00590	1	
		4465	173.84928	-58.26928	106.80000	0.00000	0.00000	-0.00586	1	
		4466	175.84446	-58.26928	106.80000	0.00000	0.00000	-0.00580	1	
		4467	177.83964	-58.26928	106.80000	0.00000	0.00000	-0.00575	1	
		4468	179.83482	-58.26928	106.80000	0.00000	0.00000	-0.00569	1	
		4469	181.83000	-58.26928	106.80000	0.00000	0.00000	-0.00563	1	
		4470	-95.50000	-56.39453	106.80000	0.00000	0.00000	-0.00300	1	
		4471	-93.50482	-56.39453	106.80000	0.00000	0.00000	-0.00222	1	
		4472	-91.50964	-56.39453	106.80000	0.00000	0.00000	-0.00133	1	
		4473	-89.51446	-56.39453	106.80000	0.00000	0.00000	-0.00033	1	
		4474	-87.51928	-56.39453	106.80000	0.00000	0.00000	0.00079	1	
		4475	-85.52410	-56.39453	106.80000	0.00000	0.00000	0.00204	1	
		4476	-83.52892	-56.39453	106.80000	0.00000	0.00000	0.00344	1	
		4477	-81.53374	-56.39453	106.80000	0.00000	0.00000	0.00500	1	
		4478	-79.53856	-56.39453	106.80000	0.00000	0.00000	0.00673	1	
		4479	-77.54338	-56.39453	106.80000	0.00000	0.00000	0.00865	1	
		4480	-75.54820	-56.39453	106.80000	0.00000	0.00000	0.01077	1	
		4481	-73.55302	-56.39453	106.80000	0.00000	0.00000	0.01312	1	
		4482	-71.55784	-56.39453	106.80000	0.00000	0.00000	0.01570	1	
		4483	-69.56266	-56.39453	106.80000	0.00000	0.00000	0.01854	1	
		4484	-67.56748	-56.39453	106.80000	0.00000	0.00000	0.02166	1	
		4485	-65.57230	-56.39453	106.80000	0.00000	0.00000	0.02507	1	
		4486	-63.57712	-56.39453	106.80000	0.00000	0.00000	0.02879	1	
		4487	-61.58194	-56.39453	106.80000	0.00000	0.00000	0.03284	1	
		4488	-59.58676	-						

Oasys								Job No.	Sheet No.	Rev.
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								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		4509	-17.68799	-56.39453	106.80000	0.00000	0.00000	0.19583	1	
		4510	-15.69281	-56.39453	106.80000	0.00000	0.00000	0.20224	1	
		4511	-13.69763	-56.39453	106.80000	0.00000	0.00000	0.20790	1	
		4512	-11.70245	-56.39453	106.80000	0.00000	0.00000	0.21273	1	
		4513	-9.70727	-56.39453	106.80000	0.00000	0.00000	0.21666	1	
		4514	-7.71209	-56.39453	106.80000	0.00000	0.00000	0.21965	1	
		4515	-5.71691	-56.39453	106.80000	0.00000	0.00000	0.22167	1	
		4516	-3.72173	-56.39453	106.80000	0.00000	0.00000	0.22267	1	
		4517	-1.72655	-56.39453	106.80000	0.00000	0.00000	0.22267	1	
		4518	0.26863	-56.39453	106.80000	0.00000	0.00000	0.22165	1	
		4519	2.26381	-56.39453	106.80000	0.00000	0.00000	0.21965	1	
		4520	4.25899	-56.39453	106.80000	0.00000	0.00000	0.21670	1	
		4521	6.25417	-56.39453	106.80000	0.00000	0.00000	0.21284	1	
		4522	8.24935	-56.39453	106.80000	0.00000	0.00000	0.20813	1	
		4523	10.24453	-56.39453	106.80000	0.00000	0.00000	0.20264	1	
		4524	12.23971	-56.39453	106.80000	0.00000	0.00000	0.19645	1	
		4525	14.23489	-56.39453	106.80000	0.00000	0.00000	0.18964	1	
		4526	16.23007	-56.39453	106.80000	0.00000	0.00000	0.18230	1	
		4527	18.22525	-56.39453	106.80000	0.00000	0.00000	0.17453	1	
		4528	20.22043	-56.39453	106.80000	0.00000	0.00000	0.16641	1	
		4529	22.21561	-56.39453	106.80000	0.00000	0.00000	0.15805	1	
		4530	24.21079	-56.39453	106.80000	0.00000	0.00000	0.14953	1	
		4531	26.20597	-56.39453	106.80000	0.00000	0.00000	0.14094	1	
		4532	28.20115	-56.39453	106.80000	0.00000	0.00000	0.13236	1	
		4533	30.19633	-56.39453	106.80000	0.00000	0.00000	0.12388	1	
		4534	32.19151	-56.39453	106.80000	0.00000	0.00000	0.11555	1	
		4535	34.18669	-56.39453	106.80000	0.00000	0.00000	0.10744	1	
		4536	36.18187	-56.39453	106.80000	0.00000	0.00000	0.09960	1	
		4537	38.17705	-56.39453	106.80000	0.00000	0.00000	0.09207	1	
		4538	40.17223	-56.39453	106.80000	0.00000	0.00000	0.08489	1	
		4539	42.16741	-56.39453	106.80000	0.00000	0.00000	0.07807	1	
		4540	44.16259	-56.39453	106.80000	0.00000	0.00000	0.07165	1	
		4541	46.15777	-56.39453	106.80000	0.00000	0.00000	0.06562	1	
		4542	48.15295	-56.39453	106.80000	0.00000	0.00000	0.05999	1	
		4543	50.14813	-56.39453	106.80000	0.00000	0.00000	0.05477	1	
		4544	52.14331	-56.39453	106.80000	0.00000	0.00000	0.04893	1	
		4545	54.13849	-56.39453	106.80000	0.00000	0.00000	0.04548	1	
		4546	56.13367	-56.39453	106.80000	0.00000	0.00000	0.04140	1	
		4547	58.12885	-56.39453	106.80000	0.00000	0.00000	0.03766	1	
		4548	60.12403	-56.39453	106.80000	0.00000	0.00000	0.03425	1	
		4549	62.11921	-56.39453	106.80000	0.00000	0.00000	0.03115	1	
		4550	64.11439	-56.39453	106.80000	0.00000	0.00000	0.02834	1	
		4551	66.10957	-56.39453	106.80000	0.00000	0.00000	0.02579	1	
		4552	68.10475	-56.39453	106.80000	0.00000	0.00000	0.02348	1	
		4553	70.09993	-56.39453	106.80000	0.00000	0.00000	0.02139	1	
		4554	72.09511	-56.39453	106.80000	0.00000	0.00000	0.01949	1	
		4555	74.09029	-56.39453	106.80000	0.00000	0.00000	0.01777	1	
		4556	76.08547	-56.39453	106.80000	0.00000	0.00000	0.01620	1	
		4557	78.08065	-56.39453	106.80000	0.00000	0.00000	0.01477	1	
		4558	80.07583	-56.39453	106.80000	0.00000	0.00000	0.01345	1	
		4559	82.07101	-56.39453	106.80000	0.00000	0.00000	0.01224	1	
		4560	84.06619	-56.39453	106.80000	0.00000	0.00000	0.01111	1	
		4561	86.06137	-56.39453	106.80000	0.00000	0.00000	0.01006	1	
		4562	88.05655	-56.39453	106.80000	0.00000	0.00000	0.00907	1	
		4563	90.05173	-56.39453	106.80000	0.00000	0.00000	0.00814	1	
		4564	92.04691	-56.39453	106.80000	0.00000	0.00000	0.00725	1	
		4565	94.04209	-56.39453	106.80000	0.00000	0.00000	0.00640	1	
		4566	96.03727	-56.39453	106.80000	0.00000	0.00000	0.00559	1	
		4567	98.03245	-56.39453	106.80000	0.00000	0.00000	0.00481	1	
		4568	100.02763	-56.39453	106.80000	0.00000	0.00000	0.00405	1	
		4569	102.02281	-56.39453	106.80000	0.00000	0.00000	0.00333	1	
		4570	104.01799	-56.39453	106.80000	0.00000	0.00000	0.00264	1	
		4571	106.01317	-56.39453	106.80000	0.00000	0.00000	0.00197	1	
		4572	108.00835	-56.39453	106.80000	0.00000	0.00000	0.00132	1	
		4573	110.00353	-56.39453	106.80000	0.00000	0.00000	0.00071	1	
		4574	111.99871	-56.39453	106.80000	0.00000	0.00000	0.00012	1	
		4575	113.99388	-56.39453	106.80000	0.00000	0.00000	-0.00044	1	
		4576	115.98906	-56.39453	106.80000	0.00000	0.00000	-0.00097	1	
		4577	117.98424	-56.39453	106.80000	0.00000	0.00000	-0.00147	1	
		4578	119.97942	-56.39453	106.80000	0.00000	0.00000	-0.00194	1	
		4579	121.97460	-56.39453	106.80000	0.00000	0.00000	-0.00238	1	
		4580	123.96978	-56.39453	106.80000	0.00000	0.00000	-0.00280	1	
		4581	125.96496	-56.39453	106.80000	0.00000	0.00000	-0.00318	1	
		4582	127.96014	-56.39453	106.80000	0.00000	0.00000	-0.00353	1	
		4583	129.95532	-56.39453	106.80000	0.00000	0.00000	-0.00386	1	
		4584	131.95050	-56.39453	106.80000	0.00000	0.00000	-0.00416	1	
		4585	133.94568	-56.39453	106.80000	0.00000	0.00000	-0.00443	1	
		4586	135.94086	-56.39453	106.80000	0.00000	0.00000	-0.00467	1	
		4587	137.93604	-56.39453	106.80000	0.00000	0.00000	-0.00489	1	
		4588	139.93122	-56.39453	106.80000	0.00000	0.00000	-0.00508	1	
		4589	141.92640	-56.39453	106.80000	0.00000	0.00000	-0.00526	1	
		4590	143.92158	-56.39453	106.80000	0.00000	0.00000	-0.00541	1	
		4591	145.91676	-56.39453	106.80000	0.00000	0.00000	-0.00554	1	
		4592	147.91194	-56.39453	106.80000	0.00000	0.00000	-0.00565	1	
		4593	149.90712	-56.39453	106.80000	0.00000	0.00000	-0.00574	1	
		4594	151.90230	-56.39453	106.80000	0.00000	0.00000	-0.00582	1	
		4595	153.89748	-56.39453	106.80000	0.00000	0.00000	-0.00588	1	
		4596	155.89266	-56.39453	106.80000	0.00000	0.00000	-0.00592	1	
		4597	157.88784	-56.39453	106.80000	0.00000	0.00000	-0.00595	1	
		4598	159.88302	-56.39453	106.80000	0.00000	0.00000	-0.00597	1	
		4599	161.87820	-56.39453	106.80000	0.00000	0.00000	-0.00598	1	
		4600	163.87338	-56.39453	106.80000	0.00000	0.00000	-0.00598	1	
		4601	165.86856	-56.39453	106.80000	0.00000	0.00000	-0.00597	1	
		4602	167.86374	-56.39453	106.80000	0.00000	0.00000	-0.00595	1	
		4603	169.85892	-56.39453	106.80000	0.00000	0.00000	-0.00592	1	
		4604	171.85410	-56.39453	106.80000	0.00000	0.00000	-0.00589	1	
		4605	173.84928	-56.39453	106.80000	0.00000	0.00000	-0.00585	1	
		4606	175.84446	-56.39453	106.80000	0.00000	0.00000	-0.00580	1	
		4607	177.83964	-56.39453	106.80000	0.00000	0.00000	-0.00575	1	
		4608	179.83482	-56.39453	106.80000	0.00000	0.00000	-0.00570	1	
		4609	181.83000	-56.39453	106.80000	0.00000	0.00000	-0.00564	1	
		4610	-95.50000	-54.51978	106.80000	0.00000	0.00000	-0.00259	1	
		4611	-93.50482	-54.51978	106.80000	0.00000	0.00000	-0.00174	1	
		4612	-91.50964	-54.51978	106.80000	0.00000	0.00000	-0.00078	1	
		4613	-89.51446	-54.51978	106.80000	0.00000	0.00000	0.00030	1	
		4614	-87.51928	-54.51978	106.80000	0.00000	0.00000	0.00051	1	
		4615	-85.52410	-54.51978	106.80000	0.00000	0.00000	0.00287	1	
		4616	-83.52892	-54.51978	106.80000	0.00000	0.00000	0.00439	1	
		4617	-81.53374	-54.51978	106.80000	0.00000	0.00000	0.00608	1	
		4618	-79.53856	-54.519						

Oasys								Job No.	Sheet No.	Rev.
								Drq. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		4639	-37.63978	-54.51978	106.80000	0.00000	0.00000	0.12518	1	
		4640	-35.64460	-54.51978	106.80000	0.00000	0.00000	0.13525	1	
		4641	-33.64942	-54.51978	106.80000	0.00000	0.00000	0.14555	1	
		4642	-31.65424	-54.51978	106.80000	0.00000	0.00000	0.15599	1	
		4643	-29.65906	-54.51978	106.80000	0.00000	0.00000	0.16648	1	
		4644	-27.66388	-54.51978	106.80000	0.00000	0.00000	0.17690	1	
		4645	-25.66871	-54.51978	106.80000	0.00000	0.00000	0.18715	1	
		4646	-23.67353	-54.51978	106.80000	0.00000	0.00000	0.19710	1	
		4647	-21.67835	-54.51978	106.80000	0.00000	0.00000	0.20662	1	
		4648	-19.68317	-54.51978	106.80000	0.00000	0.00000	0.21560	1	
		4649	-17.68799	-54.51978	106.80000	0.00000	0.00000	0.22390	1	
		4650	-15.69281	-54.51978	106.80000	0.00000	0.00000	0.23143	1	
		4651	-13.69763	-54.51978	106.80000	0.00000	0.00000	0.23807	1	
		4652	-11.70245	-54.51978	106.80000	0.00000	0.00000	0.24374	1	
		4653	-9.70727	-54.51978	106.80000	0.00000	0.00000	0.24836	1	
		4654	-7.71209	-54.51978	106.80000	0.00000	0.00000	0.25187	1	
		4655	-5.71691	-54.51978	106.80000	0.00000	0.00000	0.25422	1	
		4656	-3.72173	-54.51978	106.80000	0.00000	0.00000	0.25538	1	
		4657	-1.72655	-54.51978	106.80000	0.00000	0.00000	0.25536	1	
		4658	0.26863	-54.51978	106.80000	0.00000	0.00000	0.25415	1	
		4659	2.26391	-54.51978	106.80000	0.00000	0.00000	0.25178	1	
		4660	4.25899	-54.51978	106.80000	0.00000	0.00000	0.24829	1	
		4661	6.25417	-54.51978	106.80000	0.00000	0.00000	0.24373	1	
		4662	8.24935	-54.51978	106.80000	0.00000	0.00000	0.23819	1	
		4663	10.24453	-54.51978	106.80000	0.00000	0.00000	0.23173	1	
		4664	12.23971	-54.51978	106.80000	0.00000	0.00000	0.22446	1	
		4665	14.23489	-54.51978	106.80000	0.00000	0.00000	0.21646	1	
		4666	16.23007	-54.51978	106.80000	0.00000	0.00000	0.20787	1	
		4667	18.22525	-54.51978	106.80000	0.00000	0.00000	0.19877	1	
		4668	20.22043	-54.51978	106.80000	0.00000	0.00000	0.18929	1	
		4669	22.21561	-54.51978	106.80000	0.00000	0.00000	0.17954	1	
		4670	24.21079	-54.51978	106.80000	0.00000	0.00000	0.16963	1	
		4671	26.20597	-54.51978	106.80000	0.00000	0.00000	0.15966	1	
		4672	28.20115	-54.51978	106.80000	0.00000	0.00000	0.14973	1	
		4673	30.19633	-54.51978	106.80000	0.00000	0.00000	0.13992	1	
		4674	32.19151	-54.51978	106.80000	0.00000	0.00000	0.13033	1	
		4675	34.18669	-54.51978	106.80000	0.00000	0.00000	0.12100	1	
		4676	36.18187	-54.51978	106.80000	0.00000	0.00000	0.11202	1	
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Oasys

Job No.

Sheet No.

Rev.

Dr. Ref.

Made by

Date

20-Sep-2024

Checked

Date

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Result:

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		4918	-39.63496	-50.77029	106.80000	0.00000	0.00000	0.14543	1	
		4919	-37.63978	-50.77029	106.80000	0.00000	0.00000	0.15837	1	
		4920	-35.64460	-50.77029	106.80000	0.00000	0.00000	0.17179	1	
		4921	-33.64942	-50.77029	106.80000	0.00000	0.00000	0.18561	1	
		4922	-31.65424	-50.77029	106.80000	0.00000	0.00000	0.19971	1	
		4923	-29.65906	-50.77029	106.80000	0.00000	0.00000	0.21396	1	
		4924	-27.66388	-50.77029	106.80000	0.00000	0.00000	0.22819	1	
		4925	-25.66871	-50.77029	106.80000	0.00000	0.00000	0.24224	1	
		4926	-23.67353	-50.77029	106.80000	0.00000	0.00000	0.25593	1	
		4927	-21.67835	-50.77029	106.80000	0.00000	0.00000	0.26908	1	
		4928	-19.68317	-50.77029	106.80000	0.00000	0.00000	0.28150	1	
		4929	-17.68799	-50.77029	106.80000	0.00000	0.00000	0.29302	1	
		4930	-15.69281	-50.77029	106.80000	0.00000	0.00000	0.30346	1	
		4931	-13.69763	-50.77029	106.80000	0.00000	0.00000	0.31268	1	
		4932	-11.70245	-50.77029	106.80000	0.00000	0.00000	0.32054	1	
		4933	-9.70727	-50.77029	106.80000	0.00000	0.00000	0.32693	1	
		4934	-7.71209	-50.77029	106.80000	0.00000	0.00000	0.33177	1	
		4935	-5.71691	-50.77029	106.80000	0.00000	0.00000	0.33500	1	
		4936	-3.72173	-50.77029	106.80000	0.00000	0.00000	0.33657	1	
		4937	-1.72655	-50.77029	106.80000	0.00000	0.00000	0.33648	1	
		4938	0.26863	-50.77029	106.80000	0.00000	0.00000	0.33474	1	
		4939	2.26391	-50.77029	106.80000	0.00000	0.00000	0.33138	1	
		4940	4.25899	-50.77029	106.80000	0.00000	0.00000	0.32647	1	
		4941	6.25417	-50.77029	106.80000	0.00000	0.00000	0.32009	1	
		4942	8.24935	-50.77029	106.80000	0.00000	0.00000	0.31233	1	
		4943	10.24453	-50.77029	106.80000	0.00000	0.00000	0.30333	1	
		4944	12.23971	-50.77029	106.80000	0.00000	0.00000	0.29322	1	
		4945	14.23489	-50.77029	106.80000	0.00000	0.00000	0.28215	1	
		4946	16.23007	-50.77029	106.80000	0.00000	0.00000	0.27027	1	
		4947	18.22525	-50.77029	106.80000	0.00000	0.00000	0.25775	1	
		4948	20.22043	-50.77029	106.80000	0.00000	0.00000	0.24475	1	
		4949	22.21561	-50.77029	106.80000	0.00000	0.00000	0.23143	1	
		4950	24.21079	-50.77029	106.80000	0.00000	0.00000	0.21794	1	
		4951	26.20597	-50.77029	106.80000	0.00000	0.00000	0.20444	1	
		4952	28.20115	-50.77029	106.80000	0.00000	0.00000	0.19106	1	
		4953	30.19633	-50.77029	106.80000	0.00000	0.00000	0.17792	1	
		4954	32.19151	-50.77029	106.80000	0.00000	0.00000	0.16513	1	
		4955	34.18669	-50.77029	106.80000	0.00000	0.00000	0.15278	1	
		4956	36.18187	-50.77029	106.80000	0.00000	0.00000	0.14095	1	
		4957	38.17705	-50.77029	106.80000	0.00000	0.00000	0.12969	1	
		4958	40.17223	-50.77029	106.80000	0.00000	0.00000	0.11906	1	
		4959	42.16741	-50.77029	106.80000	0.00000	0.00000	0.10908	1	
		4960	44.16259	-50.77029	106.80000	0.00000	0.00000	0.09977	1	
		4961	46.15777	-50.77029	106.80000	0.00000	0.00000	0.09112	1	
		4962	48.15295	-50.77029	106.80000	0.00000	0.00000	0.08314	1	
		4963	50.14813	-50.77029	106.80000	0.00000	0.00000	0.07581	1	
		4964	52.14331	-50.77029	106.80000	0.00000	0.00000	0.06911	1	
		4965	54.13849	-50.77029	106.80000	0.00000	0.00000	0.06301	1	
		4966	56.13367	-50.77029	106.80000	0.00000	0.00000	0.05747	1	
		4967	58.12885	-50.77029	106.80000	0.00000	0.00000	0.05246	1	
		4968	60.12403	-50.77029	106.80000	0.00000	0.00000	0.04795	1	
		4969	62.11921	-50.77029	106.80000	0.00000	0.00000	0.04390	1	
		4970	64.11439	-50.77029	106.80000	0.00000	0.00000	0.04026	1	
		4971	66.10957	-50.77029	106.80000	0.00000	0.00000	0.03700	1	
		4972	68.10475	-50.77029	106.80000	0.00000	0.00000	0.03407	1	
		4973	70.09993	-50.77029	106.80000	0.00000	0.00000	0.03145	1	
		4974	72.09511	-50.77029	106.80000	0.00000	0.00000	0.02909	1	
		4975	74.09029	-50.77029	106.80000	0.00000	0.00000	0.02697	1	
		4976	76.08547	-50.77029	106.80000	0.00000	0.00000	0.02504	1	
		4977	78.08065	-50.77029	106.80000	0.00000	0.00000	0.02328	1	
		4978	80.07583	-50.77029	106.80000	0.00000	0.00000	0.02166	1	
		4979	82.07101	-50.77029	106.80000	0.00000	0.00000	0.02016	1	
		4980	84.06619	-50.77029	106.80000	0.00000	0.00000	0.01876	1	
		4981	86.06137	-50.77029	106.80000	0.00000	0.00000	0.01743	1	
		4982	88.05655	-50.77029	106.80000	0.00000	0.00000	0.01617	1	
		4983	90.05173	-50.77029	106.80000	0.00000	0.00000	0.01495	1	
		4984	92.04691	-50.77029	106.80000	0.00000	0.00000	0.01378	1	
		4985	94.04209	-50.77029	106.80000	0.00000	0.00000	0.01264	1	
		4986	96.03727	-50.77029	106.80000	0.00000	0.00000	0.01154	1	
		4987	98.03245	-50.77029	106.80000	0.00000	0.00000	0.01045	1	
		4988	100.02763	-50.77029	106.80000	0.00000	0.00000	0.00940	1	
		4989	102.02281	-50.77029	106.80000	0.00000	0.00000	0.00837	1	
		4990	104.01799	-50.77029	106.80000	0.00000	0.00000	0.00736	1	
		4991	106.01317	-50.77029	106.80000	0.00000	0.00000	0.00639	1	
		4992	108.00835	-50.77029	106.80000	0.00000	0.00000	0.00545	1	
		4993	110.00353	-50.77029	106.80000	0.00000	0.00000	0.00454	1	
		4994	111.99871	-50.77029	106.80000	0.00000	0.00000	0.00367	1	
		4995	113.99388	-50.77029	106.80000	0.00000	0.00000	0.00284	1	
		4996	115.98906	-50.77029	106.80000	0.00000	0.00000	0.00204	1	
		4997	117.98424	-50.77029	106.80000	0.00000	0.00000	0.00129	1	
		4998	119.97942	-50.77029	106.80000	0.00000	0.00000	0.00058	1	
		4999	121.97460	-50.77029	106.80000	0.00000	0.00000	-0.00009	1	
		5000	123.96978	-50.77029	106.80000	0.00000	0.00000	-0.00071	1	
		5001	125.96496	-50.77029	106.80000	0.00000	0.00000	-0.00129	1	
		5002	127.96014	-50.77029	106.80000	0.00000	0.00000	-0.00182	1	
		5003	129.95532	-50.77029	106.80000	0.00000	0.00000	-0.00232	1	
		5004	131.95050	-50.77029	106.80000	0.00000	0.00000	-0.00277	1	
		5005	133.94568	-50.77029	106.80000	0.00000	0.00000	-0.00319	1	
		5006	135.94086	-50.77029	106.80000	0.00000	0.00000	-0.00356	1	
		5007	137.93604	-50.77029	106.80000	0.00000	0.00000	-0.00390	1	
		5008	139.93122	-50						

								Job No.	Sheet No.	Rev.
								Drg. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		5029	181.83000	-50.77029	106.80000	0.00000	0.00000	-0.00565	1	
		5030	-95.50000	-48.89554	106.80000	0.00000	0.00000	-0.00126	1	
		5031	-93.50482	-48.89554	106.80000	0.00000	0.00000	-0.00020	1	
		5032	-91.50964	-48.89554	106.80000	0.00000	0.00000	0.00099	1	
		5033	-89.51446	-48.89554	106.80000	0.00000	0.00000	0.00235	1	
		5034	-87.51928	-48.89554	106.80000	0.00000	0.00000	0.00386	1	
		5035	-85.52410	-48.89554	106.80000	0.00000	0.00000	0.00557	1	
		5036	-83.52892	-48.89554	106.80000	0.00000	0.00000	0.00749	1	
		5037	-81.53374	-48.89554	106.80000	0.00000	0.00000	0.00963	1	
		5038	-79.53856	-48.89554	106.80000	0.00000	0.00000	0.01202	1	
		5039	-77.54338	-48.89554	106.80000	0.00000	0.00000	0.01469	1	
		5040	-75.54820	-48.89554	106.80000	0.00000	0.00000	0.01767	1	
		5041	-73.55302	-48.89554	106.80000	0.00000	0.00000	0.02098	1	
		5042	-71.55784	-48.89554	106.80000	0.00000	0.00000	0.02465	1	
		5043	-69.56266	-48.89554	106.80000	0.00000	0.00000	0.02872	1	
		5044	-67.56748	-48.89554	106.80000	0.00000	0.00000	0.03323	1	
		5045	-65.57230	-48.89554	106.80000	0.00000	0.00000	0.03821	1	
		5046	-63.57712	-48.89554	106.80000	0.00000	0.00000	0.04369	1	
		5047	-61.58194	-48.89554	106.80000	0.00000	0.00000	0.04974	1	
		5048	-59.58676	-48.89554	106.80000	0.00000	0.00000	0.05637	1	
		5049	-57.59158	-48.89554	106.80000	0.00000	0.00000	0.06364	1	
		5050	-55.59640	-48.89554	106.80000	0.00000	0.00000	0.07158	1	
		5051	-53.60122	-48.89554	106.80000	0.00000	0.00000	0.08024	1	
		5052	-51.60604	-48.89554	106.80000	0.00000	0.00000	0.08965	1	
		5053	-49.61086	-48.89554	106.80000	0.00000	0.00000	0.09984	1	
		5054	-47.61568	-48.89554	106.80000	0.00000	0.00000	0.11083	1	
		5055	-45.62050	-48.89554	106.80000	0.00000	0.00000	0.12264	1	
		5056	-43.62532	-48.89554	106.80000	0.00000	0.00000	0.13526	1	
		5057	-41.63014	-48.89554	106.80000	0.00000	0.00000	0.14869	1	
		5058	-39.63496	-48.89554	106.80000	0.00000	0.00000	0.16288	1	
		5059	-37.63978	-48.89554	106.80000	0.00000	0.00000	0.17778	1	
		5060	-35.64460	-48.89554	106.80000	0.00000	0.00000	0.19330	1	
		5061	-33.64942	-48.89554	106.80000	0.00000	0.00000	0.20935	1	
		5062	-31.65424	-48.89554	106.80000	0.00000	0.00000	0.22578	1	
		5063	-29.65906	-48.89554	106.80000	0.00000	0.00000	0.24243	1	
		5064	-27.66388	-48.89554	106.80000	0.00000	0.00000	0.25932	1	
		5065	-25.66871	-48.89554	106.80000	0.00000	0.00000	0.27564	1	
		5066	-23.67353	-48.89554	106.80000	0.00000	0.00000	0.29177	1	
		5067	-21.67835	-48.89554	106.80000	0.00000	0.00000	0.30728	1	
		5068	-19.68317	-48.89554	106.80000	0.00000	0.00000	0.32195	1	
		5069	-17.68799	-48.89554	106.80000	0.00000	0.00000	0.33556	1	
		5070	-15.69281	-48.89554	106.80000	0.00000	0.00000	0.34791	1	
		5071	-13.69763	-48.89554	106.80000	0.00000	0.00000	0.35880	1	
		5072	-11.70245	-48.89554	106.80000	0.00000	0.00000	0.36809	1	
		5073	-9.70727	-48.89554	106.80000	0.00000	0.00000	0.37564	1	
		5074	-7.71209	-48.89554	106.80000	0.00000	0.00000	0.38135	1	
		5075	-5.71691	-48.89554	106.80000	0.00000	0.00000	0.38513	1	
		5076	-3.72173	-48.89554	106.80000	0.00000	0.00000	0.38696	1	
		5077	-1.72655	-48.89554	106.80000	0.00000	0.00000	0.38682	1	
		5078	0.26863	-48.89554	106.80000	0.00000	0.00000	0.38471	1	
		5079	2.26379	-48.89554	106.80000	0.00000	0.00000	0.38070	1	
		5080	4.25899	-48.89554	106.80000	0.00000	0.00000	0.37485	1	
		5081	6.25417	-48.89554	106.80000	0.00000	0.00000	0.36727	1	
		5082	8.24935	-48.89554	106.80000	0.00000	0.00000	0.35807	1	
		5083	10.24453	-48.89554	106.80000	0.00000	0.00000	0.34740	1	
		5084	12.23971	-48.89554	106.80000	0.00000	0.00000	0.33544	1	
		5085	14.23489	-48.89554	106.80000	0.00000	0.00000	0.32235	1	
		5086	16.23007	-48.89554	106.80000	0.00000	0.00000	0.30834	1	
		5087	18.22525	-48.89554	106.80000	0.00000	0.00000	0.29360	1	
		5088	20.22043	-48.89554	106.80000	0.00000	0.00000	0.27832	1	
		5089	22.21561	-48.89554	106.80000	0.00000	0.00000	0.26270	1	
		5090	24.21079	-48.89554	106.80000	0.00000	0.00000	0.24693	1	
		5091	26.20597	-48.89554	106.80000	0.00000	0.00000	0.23117	1	
		5092	28.20115	-48.89554	106.80000	0.00000	0.00000	0.21560	1	
		5093	30.19633	-48.89554	106.80000	0.00000	0.00000	0.20035	1	
		5094	32.19151	-48.89554	106.80000	0.00000	0.00000	0.18556	1	
		5095	34.18669	-48.89554	106.80000	0.00000	0.00000	0.17132	1	
		5096	36.18187	-48.89554	106.80000	0.00000	0.00000	0.15773	1	
		5097	38.17705	-48.89554	106.80000	0.00000	0.00000	0.14485	1	
		5098	40.17223	-48.89554	106.80000	0.00000	0.00000	0.13273	1	
		5099	42.16741	-48.89554	106.80000	0.00000	0.00000	0.12139	1	
		5100	44.16259	-48.89554	106.80000	0.00000	0.00000	0.11085	1	
		5101	46.15777	-48.89554	106.80000	0.00000	0.00000	0.10112	1	
		5102	48.15295	-48.89554	106.80000	0.00000	0.00000	0.09216	1	
		5103	50.14813	-48.89554	106.80000	0.00000	0.00000	0.08397	1	
		5104	52.14331	-48.89554	106.80000	0.00000	0.00000	0.07652	1	
		5105	54.13849	-48.89554	106.80000	0.00000	0.00000	0.06976	1	
		5106	56.13367	-48.89554	106.80000	0.00000	0.00000	0.06365	1	
		5107	58.12885	-48.89554	106.80000	0.00000	0.00000	0.05816	1	
		5108	60.12403	-48.89554	106.80000	0.00000	0.00000	0.05323	1	
		5109	62.11921	-48.89554	106.80000	0.00000	0.00000	0.04881	1	
		5110	64.11439	-48.89554	106.80000	0.00000	0.00000	0.04487	1	
		5111	66.10957	-48.89554	106.80000	0.00000	0.00000	0.04136	1	
		5112	68.10475	-48.89554	106.80000	0.00000	0.00000	0.03822	1	
		5113	70.09993	-48.89554	106.80000	0.00000	0.00000	0.03542	1	
		5114	72.09511	-48.89554	106.80000	0.00000	0.00000	0.03291	1	
		5115	74.09029	-48.89554	106.80000	0.00000	0.00000	0.03065	1	
		5116	76.08547	-48.89554	106.80000	0.00000	0.00000	0.02860	1	
		5117	78.08065	-48.89554	106.80000	0.00000	0.00000	0.02674	1	
		5118	80.07583	-48.89554	106.80000	0.00000	0.00000	0.02502	1	
		5119	82.07101	-48.89554	106.80000	0.00000	0.00000	0.02342	1	
		5120	84.06619	-48.89554	106.80000	0.00000	0.00000	0.02192	1	
		5121	86.06137	-48.89554	106.80000	0.00000	0.00000	0.02049	1	
		5122	88.05655	-48.89554	106.80000	0.00000	0.00000	0.01913	1	
		5123	90.05173	-48.89554	106.80000	0.00000	0.00000	0.01780	1	
		5124	92.04691	-48.89554	106.80000	0.00000	0.00000	0.01652	1	
		5125	94.04209	-48.89554	106.80000	0.00000	0.00000	0.01526	1	
		5126	96.03727	-48.89554	106.80000	0.00000	0.00000	0.01403	1	
		5127	98.03245	-48.89554	106.80000	0.00000	0.00000	0.01282	1	
		5128	100.02763	-48.89554	106.80000	0.00000	0.00000	0.01164	1	
		5129	102.02281	-48.89554	106.80000	0.00000	0.00000	0.01047	1	
		5130	104.01799	-48.89554	106.80000	0.00000	0.00000	0.00934	1	
		5131	106.01317	-48.89554	106.80000	0.00000	0.00000	0.00824	1	
		5132	108.00835	-48.89554	106.80000	0.00000	0.00000	0.00716	1	
		5133	110.00353	-48.89554	106.80000	0.00000	0.00000	0.00613	1	
		5134	111.99871	-48.89554	106.80000	0.00000	0.00000	0.00513	1	
		5135	113.99388	-48.89554	106.80000	0.00000	0.00000	0.00418	1	
		5136	115.98906	-48.89554	106.80000	0.00000	0.00000	0.00328	1	
		5137	117.98424	-48.89554	106.80000	0.00000	0.00000	0.00242	1	

Oasys								Job No.		Sheet No.		Rev.	
								Drg. Ref.					
								Made by		Date 20-Sep-2024		Checked	
Set: Ref.	Set: Name	Result:	Coordinates: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]				
			5159	161.87820	-48.89554	106.80000	0.00000	0.00000	-0.00573	1			
			5160	163.87338	-48.89554	106.80000	0.00000	0.00000	-0.00577	1			
			5161	165.86856	-48.89554	106.80000	0.00000	0.00000	-0.00580	1			
			5162	167.86374	-48.89554	106.80000	0.00000	0.00000	-0.00582	1			
			5163	169.85892	-48.89554	106.80000	0.00000	0.00000	-0.00582	1			
			5164	171.85410	-48.89554	106.80000	0.00000	0.00000	-0.00581	1			
			5165	173.84928	-48.89554	106.80000	0.00000	0.00000	-0.00579	1			
			5166	175.84446	-48.89554	106.80000	0.00000	0.00000	-0.00577	1			
			5167	177.83964	-48.89554	106.80000	0.00000	0.00000	-0.00573	1			
			5168	179.83482	-48.89554	106.80000	0.00000	0.00000	-0.00569	1			
			5169	181.83000	-48.89554	106.80000	0.00000	0.00000	-0.00565	1			
			5170	-95.50000	-47.02079	106.80000	0.00000	0.00000	-0.00079	1			
			5171	-93.50482	-47.02079	106.80000	0.00000	0.00000	0.00034	1			
			5172	-91.50964	-47.02079	106.80000	0.00000	0.00000	0.00162	1			
			5173	-89.51446	-47.02079	106.80000	0.00000	0.00000	0.00307	1			
			5174	-87.51928	-47.02079	106.80000	0.00000	0.00000	0.00470	1			
			5175	-85.52410	-47.02079	106.80000	0.00000	0.00000	0.00653	1			
			5176	-83.52892	-47.02079	106.80000	0.00000	0.00000	0.00859	1			
			5177	-81.53374	-47.02079	106.80000	0.00000	0.00000	0.01090	1			
			5178	-79.53856	-47.02079	106.80000	0.00000	0.00000	0.01348	1			
			5179	-77.54338	-47.02079	106.80000	0.00000	0.00000	0.01636	1			
			5180	-75.54820	-47.02079	106.80000	0.00000	0.00000	0.01958	1			
			5181	-73.55302	-47.02079	106.80000	0.00000	0.00000	0.02317	1			
			5182	-71.55784	-47.02079	106.80000	0.00000	0.00000	0.02715	1			
			5183	-69.56266	-47.02079	106.80000	0.00000	0.00000	0.03159	1			
			5184	-67.56748	-47.02079	106.80000	0.00000	0.00000	0.03650	1			
			5185	-65.57230	-47.02079	106.80000	0.00000	0.00000	0.04194	1			
			5186	-63.57712	-47.02079	106.80000	0.00000	0.00000	0.04796	1			
			5187	-61.58194	-47.02079	106.80000	0.00000	0.00000	0.05461	1			
			5188	-59.58676	-47.02079	106.80000	0.00000	0.00000	0.06192	1			
			5189	-57.59158	-47.02079	106.80000	0.00000	0.00000	0.06997	1			
			5190	-55.59640	-47.02079	106.80000	0.00000	0.00000	0.07789	1			
			5191	-53.60122	-47.02079	106.80000	0.00000	0.00000	0.08843	1			
			5192	-51.60604	-47.02079	106.80000	0.00000	0.00000	0.09896	1			
			5193	-49.61086	-47.02079	106.80000	0.00000	0.00000	0.11040	1			
			5194	-47.61568	-47.02079	106.80000	0.00000	0.00000	0.12279	1			
			5195	-45.62050	-47.02079	106.80000	0.00000	0.00000	0.13616	1			
			5196	-43.62532	-47.02079	106.80000	0.00000	0.00000	0.15052	1			
			5197	-41.63014	-47.02079	106.80000	0.00000	0.00000	0.16586	1			
			5198	-39.63496	-47.02079	106.80000	0.00000	0.00000	0.18214	1			
			5199	-37.63978	-47.02079	106.80000	0.00000	0.00000	0.19932	1			
			5200	-35.64460	-47.02079	106.80000	0.00000	0.00000	0.21730	1			
			5201	-33.64942	-47.02079	106.80000	0.00000	0.00000	0.23596	1			
			5202	-31.65424	-47.02079	106.80000	0.00000	0.00000	0.25515	1			
			5203	-29.65906	-47.02079	106.80000	0.00000	0.00000	0.27467	1			
			5204	-27.66388	-47.02079	106.80000	0.00000	0.00000	0.29429	1			
			5205	-25.66871	-47.02079	106.80000	0.00000	0.00000	0.31377	1			
			5206	-23.67353	-47.02079	106.80000	0.00000	0.00000	0.33283	1			
			5207	-21.67835	-47.02079	106.80000	0.00000	0.00000	0.35119	1			
			5208	-19.68317	-47.02079	106.80000	0.00000	0.00000	0.36857	1			
			5209	-17.68799	-47.02079	106.80000	0.00000	0.00000	0.38471	1			
			5210	-15.69281	-47.02079	106.80000	0.00000	0.00000	0.39935	1			
			5211	-13.69763	-47.02079	106.80000	0.00000	0.00000	0.41227	1			
			5212	-11.70245	-47.02079	106.80000	0.00000	0.00000	0.42327	1			
			5213	-9.70727	-47.02079	106.80000	0.00000	0.00000	0.43220	1			
			5214	-7.71209	-47.02079	106.80000	0.00000	0.00000	0.43894	1			
			5215	-5.71691	-47.02079	106.80000	0.00000	0.00000	0.44339	1			
			5216	-3.72173	-47.02079	106.80000	0.00000	0.00000	0.44551	1			
			5217	-1.72655	-47.02079	106.80000	0.00000	0.00000	0.44529	1			
			5218	0.26863	-47.02079	106.80000	0.00000	0.00000	0.44275	1			
			5219	2.26381	-47.02079	106.80000	0.00000	0.00000	0.43794	1			
			5220	4.25899	-47.02079	106.80000	0.00000	0.00000	0.43096	1			
			5221	6.25417	-47.02079	106.80000	0.00000	0.00000	0.42191	1			
			5222	8.24935	-47.02079	106.80000	0.00000	0.00000	0.41096	1			
			5223	10.24453	-47.02079	106.80000	0.00000	0.00000	0.39829	1			
			5224	12.23971	-47.02079	106.80000	0.00000	0.00000	0.38409	1			
			5225	14.23489	-47.02079	106.80000	0.00000	0.00000	0.36859	1			
			5226	16.23007	-47.02079	106.80000	0.00000	0.00000	0.35201	1			
			5227	18.22525	-47.02079	106.80000	0.00000	0.00000	0.33461	1			
			5228	20.22043	-47.02079	106.80000	0.00000	0.00000	0.31661	1			
			5229	22.21561	-47.02079	106.80000	0.00000	0.00000	0.29825	1			
			5230	24.21079	-47.02079	106.80000	0.00000	0.00000	0.27975	1			
			5231	26.20597	-47.02079	106.80000	0.00000	0.00000	0.26133	1			
			5232	28.20115	-47.02079	106.80000	0.00000	0.00000	0.24318	1			
			5233	30.19633	-47.02079	106.80000	0.00000	0.00000	0.22546	1			
			5234	32.19151	-47.02079	106.80000	0.00000	0.00000	0.20832	1			
			5235	34.18669	-47.02079	106.80000	0.00000	0.00000	0.19189	1			
			5236	36.18187	-47.02079	106.80000	0.00000	0.00000					

Job No. Sheet No. Rev.		
	Drg. Ref.	
	Made by	Date 20-Sep-2024

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		5289	141.92640	-47.02079	106.80000	0.00000	0.00000	-0.00384	1
		5290	143.92158	-47.02079	106.80000	0.00000	0.00000	-0.00416	1
		5291	145.91676	-47.02079	106.80000	0.00000	0.00000	-0.00444	1
		5292	147.91194	-47.02079	106.80000	0.00000	0.00000	-0.00468	1
		5293	149.90712	-47.02079	106.80000	0.00000	0.00000	-0.00490	1
		5294	151.90230	-47.02079	106.80000	0.00000	0.00000	-0.00509	1
		5295	153.89748	-47.02079	106.80000	0.00000	0.00000	-0.00524	1
		5296	155.89266	-47.02079	106.80000	0.00000	0.00000	-0.00538	1
		5297	157.88784	-47.02079	106.80000	0.00000	0.00000	-0.00549	1
		5298	159.88302	-47.02079	106.80000	0.00000	0.00000	-0.00558	1
		5299	161.87820	-47.02079	106.80000	0.00000	0.00000	-0.00565	1
		5300	163.87338	-47.02079	106.80000	0.00000	0.00000	-0.00571	1
		5301	165.86856	-47.02079	106.80000	0.00000	0.00000	-0.00574	1
		5302	167.86374	-47.02079	106.80000	0.00000	0.00000	-0.00577	1
		5303	169.85892	-47.02079	106.80000	0.00000	0.00000	-0.00578	1
		5304	171.85410	-47.02079	106.80000	0.00000	0.00000	-0.00578	1
		5305	173.84928	-47.02079	106.80000	0.00000	0.00000	-0.00577	1
		5306	175.84446	-47.02079	106.80000	0.00000	0.00000	-0.00575	1
		5307	177.83964	-47.02079	106.80000	0.00000	0.00000	-0.00572	1
		5308	179.83482	-47.02079	106.80000	0.00000	0.00000	-0.00569	1
		5309	181.83000	-47.02079	106.80000	0.00000	0.00000	-0.00564	1
		5310	-95.50000	-45.14604	106.80000	0.00000	0.00000	-0.00031	1
		5311	-93.50482	-45.14604	106.80000	0.00000	0.00000	0.00090	1
		5312	-91.50964	-45.14604	106.80000	0.00000	0.00000	0.00227	1
		5313	-89.51446	-45.14604	106.80000	0.00000	0.00000	0.00381	1
		5314	-87.51928	-45.14604	106.80000	0.00000	0.00000	0.00556	1
		5315	-85.52410	-45.14604	106.80000	0.00000	0.00000	0.00752	1
		5316	-83.52892	-45.14604	106.80000	0.00000	0.00000	0.00973	1
		5317	-81.53374	-45.14604	106.80000	0.00000	0.00000	0.01220	1
		5318	-79.53856	-45.14604	106.80000	0.00000	0.00000	0.01498	1
		5319	-77.54338	-45.14604	106.80000	0.00000	0.00000	0.01809	1
		5320	-75.54820	-45.14604	106.80000	0.00000	0.00000	0.02156	1
		5321	-73.55302	-45.14604	106.80000	0.00000	0.00000	0.02543	1
		5322	-71.55784	-45.14604	106.80000	0.00000	0.00000	0.02975	1
		5323	-69.56266	-45.14604	106.80000	0.00000	0.00000	0.03457	1
		5324	-67.56748	-45.14604	106.80000	0.00000	0.00000	0.03991	1
		5325	-65.57230	-45.14604	106.80000	0.00000	0.00000	0.04585	1
		5326	-63.57712	-45.14604	106.80000	0.00000	0.00000	0.05244	1
		5327	-61.58194	-45.14604	106.80000	0.00000	0.00000	0.05973	1
		5328	-59.58676	-45.14604	106.80000	0.00000	0.00000	0.06778	1
		5329	-57.59158	-45.14604	106.80000	0.00000	0.00000	0.07666	1
		5330	-55.59640	-45.14604	106.80000	0.00000	0.00000	0.08644	1
		5331	-53.60122	-45.14604	106.80000	0.00000	0.00000	0.09717	1
		5332	-51.60604	-45.14604	106.80000	0.00000	0.00000	0.10892	1
		5333	-49.61086	-45.14604	106.80000	0.00000	0.00000	0.12175	1
		5334	-47.61568	-45.14604	106.80000	0.00000	0.00000	0.13571	1
		5335	-45.62050	-45.14604	106.80000	0.00000	0.00000	0.15084	1
		5336	-43.62532	-45.14604	106.80000	0.00000	0.00000	0.16716	1
		5337	-41.63014	-45.14604	106.80000	0.00000	0.00000	0.18469	1
		5338	-39.63496	-45.14604	106.80000	0.00000	0.00000	0.20339	1
		5339	-37.63978	-45.14604	106.80000	0.00000	0.00000	0.22321	1
		5340	-35.64460	-45.14604	106.80000	0.00000	0.00000	0.24407	1
		5341	-33.64942	-45.14604	106.80000	0.00000	0.00000	0.26582	1
		5342	-31.65424	-45.14604	106.80000	0.00000	0.00000	0.28828	1
		5343	-29.65906	-45.14604	106.80000	0.00000	0.00000	0.31122	1
		5344	-27.66388	-45.14604	106.80000	0.00000	0.00000	0.33436	1
		5345	-25.66871	-45.14604	106.80000	0.00000	0.00000	0.35741	1
		5346	-23.67353	-45.14604	106.80000	0.00000	0.00000	0.38001	1
		5347	-21.67835	-45.14604	106.80000	0.00000	0.00000	0.40182	1
		5348	-19.68317	-45.14604	106.80000	0.00000	0.00000	0.42250	1
		5349	-17.68799	-45.14604	106.80000	0.00000	0.00000	0.44170	1
		5350	-15.69281	-45.14604	106.80000	0.00000	0.00000	0.45911	1
		5351	-13.69763	-45.14604	106.80000	0.00000	0.00000	0.47447	1
		5352	-11.70245	-45.14604	106.80000	0.00000	0.00000	0.48754	1
		5353	-9.70727	-45.14604	106.80000	0.00000	0.00000	0.49813	1
		5354	-7.71209	-45.14604	106.80000	0.00000	0.00000	0.50610	1
		5355	-5.71691	-45.14604	106.80000	0.00000	0.00000	0.51134	1
		5356	-3.72173	-45.14604	106.80000	0.00000	0.00000	0.51381	1
		5357	-1.72655	-45.14604	106.80000	0.00000	0.00000	0.51349	1
		5358	0.26863	-45.14604	106.80000	0.00000	0.00000	0.51040	1
		5359	2.26381	-45.14604	106.80000	0.00000	0.00000	0.50462	1
		5360	4.25899	-45.14604	106.80000	0.00000	0.00000	0.49625	1
		5361	6.25417	-45.14604	106.80000	0.00000	0.00000	0.48543	1
		5362	8.24935	-45.14604	106.80000	0.00000	0.00000	0.47236	1
		5363	10.24453	-45.14604	106.80000	0.00000	0.00000	0.45725	1
		5364	12.23971	-45.14604	106.80000	0.00000	0.00000	0.44034	1
		5365	14.23489	-45.14604	106.80000	0.00000	0.00000	0.42191	1
		5366	16.23007	-45.14604	106.80000	0.00000	0.00000	0.40225	1
		5367	18.22525	-45.14604	106.80000	0.00000	0.00000	0.38164	1
		5368	20.22043	-45.14604	106.80000	0.00000	0.00000	0.36038	1
		5369	22.21561	-45.14604	106.80000	0.00000	0.00000	0.33874	1
		5370	24.21079	-45.14604	106.80000	0.00000	0.00000	0.31700	1
		5371	26.20597	-45.14604	106.80000	0.00000	0.00000	0.29541	1
		5372	28.20115	-45.14604	106.80000	0.00000	0.00000	0.27420	1
		5373	30.19633	-45.14604	106.80000	0.00000	0.00000	0.25356	1
		5374	32.19151	-45.14604	106.80000	0.00000	0.00000	0.23368	1
		5375	34.18669	-45.14604	106.80000	0.00000	0.00000	0.21468	1
		5376	36.18187	-45.14604	106.80000	0.00000	0.00000	0.19669	1
		5377	38.17705	-45.14604	106.80000	0.00000	0.00000	0.17978	1
		5378	40.17223	-45.14604	106.80000	0.00000	0.00000	0.16400	1
		5379	42.16741	-45.14604	106.80000	0.00000	0.00000	0.14938	1
		5380	44.16259	-45.14604	106.80000	0.00000	0.00000	0.13591	1
		5381	46.15777	-45.14604	106.80000	0.00000	0.00000	0.12357	1
		5382	48.15295	-45.14604	106.80000	0.00000	0.00000	0.11233	1
		5383	50.14813	-45.14604	106.80000	0.00000	0.00000	0.10215	1
		5384	52.14331	-45.14604	106.80000	0.00000	0.00000	0.09296	1
		5385	54.13849	-45.14604	106.80000	0.00000	0.00000	0.08471	1
		5386	56.13367	-45.14604	106.80000	0.00000	0.00000	0.07734	1
		5387	58.12885	-45.14604	106.80000	0.00000	0.00000	0.07077	1
		5388	60.12403	-45.14604	106.80000	0.00000	0.00000	0.06493	1
		5389	62.11921	-45.14604	106.80000	0.00000	0.00000	0.05977	1
		5390	64.11439	-45.14604	106.80000	0.00000	0.00000	0.05520	1
		5391	66.10957	-45.14604	106.80000	0.00000	0.00000	0.05117	1
		5392	68.10475	-45.14604	106.80000	0.00000	0.00000	0.04760	1
		5393	70.09993	-45.14604	106.80000	0.00000	0.00000	0.04445	1
		5394	72.09511	-45.14604	106.80000	0.00000	0.00000	0.04165	1
		5395	74.09029	-45.14604	106.80000	0.00000	0.00000	0.03914	1
		5396	76.08547	-45.14604	106.80000	0.00000	0.00000	0.03688	1
		5397	78.08065	-45.14604	106.80000	0.00000	0.00000	0.03482	1
		5398	80.07583	-45.14604	106.80000	0.00000	0.00000	0.03292	1
		5399	82.07101	-45.14604	106.80000	0.00000	0.00000	0.03113	1
		5400	84.06619	-45.14604	106.80000	0.00000	0.00000	0.02943	1
		5401	86.06137	-45.14604	106.80000	0.00000	0.00000	0.02780	1
		5402	88.05655	-45.14604	106.80000	0.00000	0.00000	0.02621	1
		5403	90.05173	-45.14604	106.80000	0.00000	0.00000	0.02464	1
		5404	92.04691	-45.14604					

Oasys								Job No.	Sheet No.	Rev.
								Drg. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		5419	121.97460	-45.14604	106.80000	0.00000	0.00000	0.00301	1	
		5420	123.96978	-45.14604	106.80000	0.00000	0.00000	0.00208	1	
		5421	125.96496	-45.14604	106.80000	0.00000	0.00000	0.00123	1	
		5422	127.96014	-45.14604	106.80000	0.00000	0.00000	0.00044	1	
		5423	129.95532	-45.14604	106.80000	0.00000	0.00000	-0.00029	1	
		5424	131.95050	-45.14604	106.80000	0.00000	0.00000	-0.00096	1	
		5425	133.94568	-45.14604	106.80000	0.00000	0.00000	-0.00157	1	
		5426	135.94086	-45.14604	106.80000	0.00000	0.00000	-0.00212	1	
		5427	137.93604	-45.14604	106.80000	0.00000	0.00000	-0.00262	1	
		5428	139.93122	-45.14604	106.80000	0.00000	0.00000	-0.00307	1	
		5429	141.92640	-45.14604	106.80000	0.00000	0.00000	-0.00348	1	
		5430	143.92158	-45.14604	106.80000	0.00000	0.00000	-0.00384	1	
		5431	145.91676	-45.14604	106.80000	0.00000	0.00000	-0.00416	1	
		5432	147.91194	-45.14604	106.80000	0.00000	0.00000	-0.00444	1	
		5433	149.90712	-45.14604	106.80000	0.00000	0.00000	-0.00469	1	
		5434	151.90230	-45.14604	106.80000	0.00000	0.00000	-0.00490	1	
		5435	153.89748	-45.14604	106.80000	0.00000	0.00000	-0.00508	1	
		5436	155.89266	-45.14604	106.80000	0.00000	0.00000	-0.00524	1	
		5437	157.88784	-45.14604	106.80000	0.00000	0.00000	-0.00537	1	
		5438	159.88302	-45.14604	106.80000	0.00000	0.00000	-0.00548	1	
		5439	161.87820	-45.14604	106.80000	0.00000	0.00000	-0.00556	1	
		5440	163.87338	-45.14604	106.80000	0.00000	0.00000	-0.00563	1	
		5441	165.86856	-45.14604	106.80000	0.00000	0.00000	-0.00568	1	
		5442	167.86374	-45.14604	106.80000	0.00000	0.00000	-0.00572	1	
		5443	169.85892	-45.14604	106.80000	0.00000	0.00000	-0.00574	1	
		5444	171.85410	-45.14604	106.80000	0.00000	0.00000	-0.00575	1	
		5445	173.84928	-45.14604	106.80000	0.00000	0.00000	-0.00574	1	
		5446	175.84446	-45.14604	106.80000	0.00000	0.00000	-0.00573	1	
		5447	177.83964	-45.14604	106.80000	0.00000	0.00000	-0.00571	1	
		5448	179.83482	-45.14604	106.80000	0.00000	0.00000	-0.00568	1	
		5449	181.83000	-45.14604	106.80000	0.00000	0.00000	-0.00564	1	
		5450	-95.50000	-43.27129	106.80000	0.00000	0.00000	0.00018	1	
		5451	-93.50482	-43.27129	106.80000	0.00000	0.00000	0.00146	1	
		5452	-91.50964	-43.27129	106.80000	0.00000	0.00000	0.00292	1	
		5453	-89.51446	-43.27129	106.80000	0.00000	0.00000	0.00457	1	
		5454	-87.51928	-43.27129	106.80000	0.00000	0.00000	0.00643	1	
		5455	-85.52410	-43.27129	106.80000	0.00000	0.00000	0.00853	1	
		5456	-83.52892	-43.27129	106.80000	0.00000	0.00000	0.01089	1	
		5457	-81.53374	-43.27129	106.80000	0.00000	0.00000	0.01354	1	
		5458	-79.53856	-43.27129	106.80000	0.00000	0.00000	0.01652	1	
		5459	-77.54338	-43.27129	106.80000	0.00000	0.00000	0.01986	1	
		5460	-75.54820	-43.27129	106.80000	0.00000	0.00000	0.02359	1	
		5461	-73.55302	-43.27129	106.80000	0.00000	0.00000	0.02777	1	
		5462	-71.55784	-43.27129	106.80000	0.00000	0.00000	0.03244	1	
		5463	-69.56266	-43.27129	106.80000	0.00000	0.00000	0.03765	1	
		5464	-67.56748	-43.27129	106.80000	0.00000	0.00000	0.04346	1	
		5465	-65.57230	-43.27129	106.80000	0.00000	0.00000	0.04992	1	
		5466	-63.57712	-43.27129	106.80000	0.00000	0.00000	0.05711	1	
		5467	-61.58194	-43.27129	106.80000	0.00000	0.00000	0.06509	1	
		5468	-59.58676	-43.27129	106.80000	0.00000	0.00000	0.07393	1	
		5469	-57.59158	-43.27129	106.80000	0.00000	0.00000	0.08372	1	
		5470	-55.59640	-43.27129	106.80000	0.00000	0.00000	0.09453	1	
		5471	-53.60122	-43.27129	106.80000	0.00000	0.00000	0.10644	1	
		5472	-51.60604	-43.27129	106.80000	0.00000	0.00000	0.11954	1	
		5473	-49.61086	-43.27129	106.80000	0.00000	0.00000	0.13391	1	
		5474	-47.61568	-43.27129	106.80000	0.00000	0.00000	0.14961	1	
		5475	-45.62050	-43.27129	106.80000	0.00000	0.00000	0.16672	1	
		5476	-43.62532	-43.27129	106.80000	0.00000	0.00000	0.18527	1	
		5477	-41.63014	-43.27129	106.80000	0.00000	0.00000	0.20529	1	
		5478	-39.63496	-43.27129	106.80000	0.00000	0.00000	0.22678	1	
		5479	-37.63978	-43.27129	106.80000	0.00000	0.00000	0.24968	1	
		5480	-35.64460	-43.27129	106.80000	0.00000	0.00000	0.27390	1	
		5481	-33.64942	-43.27129	106.80000	0.00000	0.00000	0.29930	1	
		5482	-31.65424	-43.27129	106.80000	0.00000	0.00000	0.32567	1	
		5483	-29.65906	-43.27129	106.80000	0.00000	0.00000	0.35272	1	
		5484	-27.66388	-43.27129	106.80000	0.00000	0.00000	0.38013	1	
		5485	-25.66871	-43.27129	106.80000	0.00000	0.00000	0.40750	1	
		5486	-23.67353	-43.27129	106.80000	0.00000	0.00000	0.43442	1	
		5487	-21.67835	-43.27129	106.80000	0.00000	0.00000	0.46044	1	
		5488	-19.68317	-43.27129	106.80000	0.00000	0.00000	0.48513	1	
		5489	-17.68799	-43.27129	106.80000	0.00000	0.00000	0.50806	1	
		5490	-15.69281	-43.27129	106.80000	0.00000	0.00000	0.52885	1	
		5491	-13.69763	-43.27129	106.80000	0.00000	0.00000	0.54717	1	
		5492	-11.70245	-43.27129	106.80000	0.00000	0.00000	0.56273	1	
		5493	-9.70727	-43.27129	106.80000	0.00000	0.00000	0.57532	1	
		5494	-7.71209	-43.27129	106.80000	0.00000	0.00000	0.58477	1	
		5495	-5.71691	-43.27129	106.80000	0.00000	0.00000	0.59096	1	
		5496	-3.72173	-43.27129	106.80000	0.00000	0.00000	0.59383	1	
		5497	-1.72655	-43.27129	106.80000	0.00000	0.00000	0.59337	1	
		5498	0.26863	-43.27129	106.80000	0.00000	0.00000	0.58961	1	
		5499	2.26381	-43.27129	106.80000	0.00000	0.00000	0.58263	1	
		5500	4.25899	-43.27129	106.80000	0.00000	0.00000	0.57256	1	
		5501	6.25417	-43.27129	106.80000	0.00000	0.00000	0.55958	1	
		5502	8.24935	-43.27129	106.80000	0.00000	0.00000	0.54392	1	
		5503	10.24453	-43.27129	106.80000	0.00000	0.00000	0.52583	1	
		5504	12.23971	-43.27129	106.80000	0.00000	0.00000	0.50563	1	
		5505	14.23489	-43.27129	106.80000	0.00000	0.00000	0.48365	1	
		5506	16.23007	-43.27129	106.80000	0.00000	0.00000	0.46024	1	
		5507	18.22525	-43.27129	106.80000	0.00000	0.00000	0.43575	1	
		5508	20.22043	-43.27129	106.80000	0.00000	0.00000	0.41055	1	
		5509	22.21561	-43.27129	106.80000	0.00000	0.00000	0.38498	1	
		5510	24.21079	-43.27129	106.80000	0.00000	0.00000	0.35935	1	
		5511	26.20597	-43.27129	106.80000	0.00000	0.00000	0.33398	1	
		5512	28.20115	-43.27129	106.80000	0.00000	0.00000	0.30913	1	
		5513	30.19633	-43.27129	106.80000	0.00000	0.00000	0.28505	1	
		5514	32.19151	-43.27129	106.80000	0.00000	0.00000	0.26193	1	
		5515	34.18669	-43.27129	106.80000	0.00000	0.00000	0.23995	1	
		5516	36.18187	-43.27129	106.80000	0.00000	0.00000	0.21921	1	
		5517	38.17705	-43.27129	106.80000	0.00000	0.00000	0.19981	1	
		5518	40.17223	-43.27129	106.80000	0.00000	0.00000	0.18180	1	
		5519	42.16741	-43.27129	106.80000	0.00000	0.00000	0.16518	1	
		5520	44.16259	-43.27129	106.80000	0.00000	0.00000	0.14996	1	
		5521	46.15777	-43.27129	106.80000	0.00000	0.00000	0.13609	1	
		5522	48.15295	-43.27129	106.80000	0.00000	0.00000	0.12352	1	
		5523	50.14813	-43.27129	106.80000	0.00000	0.00000	0.11219	1	
		5524	52.14331	-43.27129	106.80000	0.00000	0.00000	0.10202	1	
		5525	54.13849	-43.27129	106.80000	0.00000	0.00000	0.09294	1	
		5526	56.13367	-43.27129	106.80000	0.00000	0.00000	0.08486	1	
		5527	58.12885	-43.27129	106.80000	0.00000	0.00000	0.07771	1	
		5528	60.12403	-43.27129	106.					

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								Drg. Ref.					
								Made by		Date 20-Sep-2024		Checked	
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]					
		5549	102.02281	-43.27129	106.80000	0.00000	0.00000	0.01852	1				
		5550	104.01799	-43.27129	106.80000	0.00000	0.00000	0.01685	1				
		5551	106.01317	-43.27129	106.80000	0.00000	0.00000	0.01522	1				
		5552	108.00835	-43.27129	106.80000	0.00000	0.00000	0.01363	1				
		5553	110.00353	-43.27129	106.80000	0.00000	0.00000	0.01209	1				
		5554	111.99871	-43.27129	106.80000	0.00000	0.00000	0.01061	1				
		5555	113.99388	-43.27129	106.80000	0.00000	0.00000	0.00919	1				
		5556	115.98906	-43.27129	106.80000	0.00000	0.00000	0.00784	1				
		5557	117.98424	-43.27129	106.80000	0.00000	0.00000	0.00657	1				
		5558	119.97942	-43.27129	106.80000	0.00000	0.00000	0.00537	1				
		5559	121.97460	-43.27129	106.80000	0.00000	0.00000	0.00425	1				
		5560	123.96978	-43.27129	106.80000	0.00000	0.00000	0.00320	1				
		5561	125.96496	-43.27129	106.80000	0.00000	0.00000	0.00223	1				
		5562	127.96014	-43.27129	106.80000	0.00000	0.00000	0.00133	1				
		5563	129.95532	-43.27129	106.80000	0.00000	0.00000	0.00051	1				
		5564	131.95050	-43.27129	106.80000	0.00000	0.00000	-0.00025	1				
		5565	133.94568	-43.27129	106.80000	0.00000	0.00000	-0.00093	1				
		5566	135.94086	-43.27129	106.80000	0.00000	0.00000	-0.00156	1				
		5567	137.93604	-43.27129	106.80000	0.00000	0.00000	-0.00212	1				
		5568	139.93122	-43.27129	106.80000	0.00000	0.00000	-0.00263	1				
		5569	141.92640	-43.27129	106.80000	0.00000	0.00000	-0.00309	1				
		5570	143.92158	-43.27129	106.80000	0.00000	0.00000	-0.00350	1				
		5571	145.91676	-43.27129	106.80000	0.00000	0.00000	-0.00386	1				
		5572	147.91194	-43.27129	106.80000	0.00000	0.00000	-0.00418	1				
		5573	149.90712	-43.27129	106.80000	0.00000	0.00000	-0.00446	1				
		5574	151.90230	-43.27129	106.80000	0.00000	0.00000	-0.00470	1				
		5575	153.89748	-43.27129	106.80000	0.00000	0.00000	-0.00491	1				
		5576	155.89266	-43.27129	106.80000	0.00000	0.00000	-0.00509	1				
		5577	157.88784	-43.27129	106.80000	0.00000	0.00000	-0.00524	1				
		5578	159.88302	-43.27129	106.80000	0.00000	0.00000	-0.00537	1				
		5579	161.87820	-43.27129	106.80000	0.00000	0.00000	-0.00547	1				
		5580	163.87338	-43.27129	106.80000	0.00000	0.00000	-0.00555	1				
		5581	165.86856	-43.27129	106.80000	0.00000	0.00000	-0.00561	1				
		5582	167.86374	-43.27129	106.80000	0.00000	0.00000	-0.00566	1				
		5583	169.85892	-43.27129	106.80000	0.00000	0.00000	-0.00569	1				
		5584	171.85410	-43.27129	106.80000	0.00000	0.00000	-0.00571	1				
		5585	173.84928	-43.27129	106.80000	0.00000	0.00000	-0.00571	1				
		5586	175.84446	-43.27129	106.80000	0.00000	0.00000	-0.00571	1				
		5587	177.83964	-43.27129	106.80000	0.00000	0.00000	-0.00569	1				
		5588	179.83482	-43.27129	106.80000	0.00000	0.00000	-0.00566	1				
		5589	181.83000	-43.27129	106.80000	0.00000	0.00000	-0.00563	1				
		5590	-95.50000	-41.39655	106.80000	0.00000	0.00000	0.00067	1				
		5591	-93.50482	-41.39655	106.80000	0.00000	0.00000	0.00204	1				
		5592	-91.50964	-41.39655	106.80000	0.00000	0.00000	0.00359	1				
		5593	-89.51446	-41.39655	106.80000	0.00000	0.00000	0.00534	1				
		5594	-87.51928	-41.39655	106.80000	0.00000	0.00000	0.00732	1				
		5595	-85.52410	-41.39655	106.80000	0.00000	0.00000	0.00955	1				
		5596	-83.52892	-41.39655	106.80000	0.00000	0.00000	0.01207	1				
		5597	-81.53374	-41.39655	106.80000	0.00000	0.00000	0.01490	1				
		5598	-79.53856	-41.39655	106.80000	0.00000	0.00000	0.01809	1				
		5599	-77.54338	-41.39655	106.80000	0.00000	0.00000	0.02167	1				
		5600	-75.54820	-41.39655	106.80000	0.00000	0.00000	0.02568	1				
		5601	-73.55302	-41.39655	106.80000	0.00000	0.00000	0.03017	1				
		5602	-71.55784	-41.39655	106.80000	0.00000	0.00000	0.03521	1				
		5603	-69.56266	-41.39655	106.80000	0.00000	0.00000	0.04083	1				
		5604	-67.56748	-41.39655	106.80000	0.00000	0.00000	0.04712	1				
		5605	-65.57230	-41.39655	106.80000	0.00000	0.00000	0.05414	1				
		5606	-63.57712	-41.39655	106.80000	0.00000	0.00000	0.06196	1				
		5607	-61.58194	-41.39655	106.80000	0.00000	0.00000	0.07068	1				
		5608	-59.58676	-41.39655	106.80000	0.00000	0.00000	0.08036	1				
		5609	-57.59158	-41.39655	106.80000	0.00000	0.00000	0.09112	1				
		5610	-55.59640	-41.39655	106.80000	0.00000	0.00000	0.10305	1				
		5611	-53.60122	-41.39655	106.80000	0.00000	0.00000	0.11625	1				
		5612	-51.60604	-41.39655	106.80000	0.00000	0.00000	0.13083	1				
		5613	-49.61086	-41.39655	106.80000	0.00000	0.00000	0.14689	1				
		5614	-47.61568	-41.39655	106.80000	0.00000	0.00000	0.16453	1				
		5615	-45.62050	-41.39655	106.80000	0.00000	0.00000	0.18384	1				
		5616	-43.62532	-41.39655	106.80000	0.00000	0.00000	0.20491	1				
		5617	-41.63014	-41.39655	106.80000	0.00000	0.00000	0.22778	1				
		5618	-39.63496	-41.39655	106.80000	0.00000	0.00000	0.25247	1				
		5619	-37.63978	-41.39655	106.80000	0.00000	0.00000	0.27895	1				
		5620	-35.64460	-41.39655	106.80000	0.00000	0.00000	0.30714	1				
		5621	-33.64942	-41.39655	106.80000	0.00000	0.00000	0.33688	1				
		5622	-31.65424	-41.39655	106.80000	0.00000	0.00000	0.36793	1				
		5623	-29.65906	-41.39655	106.80000	0.00000	0.00000	0.39995	1				
		5624	-27.66388	-41.39655	106.80000	0.00000	0.00000	0.43254	1				
		5625	-25.66871	-41.39655	106.80000	0.00000	0.00000	0.46521	1				
		5626	-23.67353	-41.39655	106.80000	0.00000	0.00000	0.49742	1				
		5627	-21.67835	-41.39655	106.80000	0.00000	0.00000	0.52861	1				
		5628	-19.68317	-41.39655	106.80000	0.00000	0.00000	0.55823	1				
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								Job No.	Sheet No.	Rev.			
								Drg. Ref.					
								Made by	Date 20-Sep-2024	Checked	Date		
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]					
		5679	82.07101	-41.39655	106.80000	0.00000	0.00000	0.04086	1				
		5680	84.06619	-41.39655	106.80000	0.00000	0.00000	0.03898	1				
		5681	86.06137	-41.39655	106.80000	0.00000	0.00000	0.03712	1				
		5682	88.05655	-41.39655	106.80000	0.00000	0.00000	0.03527	1				
		5683	90.05173	-41.39655	106.80000	0.00000	0.00000	0.03341	1				
		5684	92.04691	-41.39655	106.80000	0.00000	0.00000	0.03153	1				
		5685	94.04209	-41.39655	106.80000	0.00000	0.00000	0.02963	1				
		5686	96.03727	-41.39655	106.80000	0.00000	0.00000	0.02771	1				
		5687	98.03245	-41.39655	106.80000	0.00000	0.00000	0.02578	1				
		5688	100.02763	-41.39655	106.80000	0.00000	0.00000	0.02384	1				
		5689	102.02281	-41.39655	106.80000	0.00000	0.00000	0.02191	1				
		5690	104.01799	-41.39655	106.80000	0.00000	0.00000	0.02001	1				
		5691	106.01317	-41.39655	106.80000	0.00000	0.00000	0.01814	1				
		5692	108.00835	-41.39655	106.80000	0.00000	0.00000	0.01632	1				
		5693	110.00353	-41.39655	106.80000	0.00000	0.00000	0.01455	1				
		5694	111.99871	-41.39655	106.80000	0.00000	0.00000	0.01286	1				
		5695	113.99388	-41.39655	106.80000	0.00000	0.00000	0.01124	1				
		5696	115.98906	-41.39655	106.80000	0.00000	0.00000	0.00970	1				
		5697	117.98424	-41.39655	106.80000	0.00000	0.00000	0.00825	1				
		5698	119.97942	-41.39655	106.80000	0.00000	0.00000	0.00688	1				
		5699	121.97460	-41.39655	106.80000	0.00000	0.00000	0.00561	1				
		5700	123.96978	-41.39655	106.80000	0.00000	0.00000	0.00442	1				
		5701	125.96496	-41.39655	106.80000	0.00000	0.00000	0.00332	1				
		5702	127.96014	-41.39655	106.80000	0.00000	0.00000	0.00231	1				
		5703	129.95532	-41.39655	106.80000	0.00000	0.00000	0.00138	1				
		5704	131.95050	-41.39655	106.80000	0.00000	0.00000	0.00053	1				
		5705	133.94568	-41.39655	106.80000	0.00000	0.00000	-0.00025	1				
		5706	135.94086	-41.39655	106.80000	0.00000	0.00000	-0.00095	1				
		5707	137.93604	-41.39655	106.80000	0.00000	0.00000	-0.00159	1				
		5708	139.93122	-41.39655	106.80000	0.00000	0.00000	-0.00216	1				
		5709	141.92640	-41.39655	106.80000	0.00000	0.00000	-0.00267	1				
		5710	143.92158	-41.39655	106.80000	0.00000	0.00000	-0.00313	1				
		5711	145.91676	-41.39655	106.80000	0.00000	0.00000	-0.00354	1				
		5712	147.91194	-41.39655	106.80000	0.00000	0.00000	-0.00389	1				
		5713	149.90712	-41.39655	106.80000	0.00000	0.00000	-0.00421	1				
		5714	151.90230	-41.39655	106.80000	0.00000	0.00000	-0.00448	1				
		5715	153.89748	-41.39655	106.80000	0.00000	0.00000	-0.00472	1				
		5716	155.89266	-41.39655	106.80000	0.00000	0.00000	-0.00493	1				
		5717	157.88784	-41.39655	106.80000	0.00000	0.00000	-0.00510	1				
		5718	159.88302	-41.39655	106.80000	0.00000	0.00000	-0.00525	1				
		5719	161.87820	-41.39655	106.80000	0.00000	0.00000	-0.00537	1				
		5720	163.87338	-41.39655	106.80000	0.00000	0.00000	-0.00546	1				
		5721	165.86856	-41.39655	106.80000	0.00000	0.00000	-0.00554	1				
		5722	167.86374	-41.39655	106.80000	0.00000	0.00000	-0.00560	1				
		5723	169.85892	-41.39655	106.80000	0.00000	0.00000	-0.00564	1				
		5724	171.85410	-41.39655	106.80000	0.00000	0.00000	-0.00567	1				
		5725	173.84928	-41.39655	106.80000	0.00000	0.00000	-0.00568	1				
		5726	175.84446	-41.39655	106.80000	0.00000	0.00000	-0.00568	1				
		5727	177.83964	-41.39655	106.80000	0.00000	0.00000	-0.00567	1				
		5728	179.83482	-41.39655	106.80000	0.00000	0.00000	-0.00565	1				
		5729	181.83000	-41.39655	106.80000	0.00000	0.00000	-0.00562	1				
		5730	-95.50000	-39.52180	106.80000	0.00000	0.00000	0.00117	1				
		5731	-93.50482	-39.52180	106.80000	0.00000	0.00000	0.00262	1				
		5732	-91.50964	-39.52180	106.80000	0.00000	0.00000	0.00426	1				
		5733	-89.51446	-39.52180	106.80000	0.00000	0.00000	0.00611	1				
		5734	-87.51928	-39.52180	106.80000	0.00000	0.00000	0.00822	1				
		5735	-85.52410	-39.52180	106.80000	0.00000	0.00000	0.01059	1				
		5736	-83.52892	-39.52180	106.80000	0.00000	0.00000	0.01327	1				
		5737	-81.53374	-39.52180	106.80000	0.00000	0.00000	0.01629	1				
		5738	-79.53856	-39.52180	106.80000	0.00000	0.00000	0.01969	1				
		5739	-77.54338	-39.52180	106.80000	0.00000	0.00000	0.02351	1				
		5740	-75.54820	-39.52180	106.80000	0.00000	0.00000	0.02780	1				
		5741	-73.55302	-39.52180	106.80000	0.00000	0.00000	0.03262	1				
		5742	-71.55784	-39.52180	106.80000	0.00000	0.00000	0.03803	1				
		5743	-69.56266	-39.52180	106.80000	0.00000	0.00000	0.04410	1				
		5744	-67.56748	-39.52180	106.80000	0.00000	0.00000	0.05089	1				
		5745	-65.57230	-39.52180	106.80000	0.00000	0.00000	0.05849	1				
		5746	-63.57712	-39.52180	106.80000	0.00000	0.00000	0.06698	1				
		5747	-61.58194	-39.52180	106.80000	0.00000	0.00000	0.07647	1				
		5748	-59.58676	-39.52180	106.80000	0.00000	0.00000	0.08705	1				
		5749	-57.59158	-39.52180	106.80000	0.00000	0.00000	0.09885	1				
		5750	-55.59640	-39.52180	106.80000	0.00000	0.00000	0.11198	1				
		5751	-53.60122	-39.52180	106.80000	0.00000	0.00000	0.12657	1				
		5752	-51.60604	-39.52180	106.80000	0.00000	0.00000	0.14275	1				
		5753	-49.61086	-39.52180	106.80000	0.00000	0.00000	0.16066	1				
		5754	-47.61568	-39.52180	106.80000	0.00000	0.00000	0.18045	1				
		5755	-45.62050	-39.52180	106.80000	0.00000	0.00000	0.20223	1				
		5756	-43.62532	-39.52180	106.80000	0.00000	0.00000	0.22613	1				
		5757	-41.63014	-39.52180	106.80000	0.00000	0.00000	0.25224	1				
		5758	-39.63496	-39.52180	106.80000	0.00000	0.00000	0.28062	1				
		5759	-37.63978	-39.52180	106.80000	0.00000	0.00000	0.31128	1				
		5760	-35.64460	-39.52180	106.80000	0.00000	0.00000	0.34414	1				
		5761	-33.64942	-39.52180	106.80000	0.00000	0.00000	0.37905	1				
		5762	-31.65424	-39.52180	106.80000	0.00000	0.00000	0.41573	1				
		5763	-29.65906	-39.52180	106.80000	0.00000	0.00000	0.45381	1				
		5764	-27.66388	-39.52180	106.80000	0.00000	0.00000	0.49375	1				
		5765	-25.66871	-39.52180	106.80000	0.00000	0.00000	0.53196	1				
		5766	-23.67353	-39.52180	106.80000	0.00000	0.00000	0.57073	1				
		5767	-21.67835	-39.52180	106.80000	0.00000	0.00000	0.60833	1				
		5768	-19.68317	-39.52180	106.80000	0.00000	0.00000	0.644.					

								Job No.	Sheet No.	Rev.
								Drq. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		5809	62.11921	-39.52180	106.80000	0.00000	0.00000	0.07924	1	
		5810	64.11439	-39.52180	106.80000	0.00000	0.00000	0.07375	1	
		5811	66.10957	-39.52180	106.80000	0.00000	0.00000	0.06901	1	
		5812	68.10475	-39.52180	106.80000	0.00000	0.00000	0.06491	1	
		5813	70.09993	-39.52180	106.80000	0.00000	0.00000	0.06135	1	
		5814	72.09511	-39.52180	106.80000	0.00000	0.00000	0.05825	1	
		5815	74.09029	-39.52180	106.80000	0.00000	0.00000	0.05551	1	
		5816	76.08547	-39.52180	106.80000	0.00000	0.00000	0.05306	1	
		5817	78.08065	-39.52180	106.80000	0.00000	0.00000	0.05082	1	
		5818	80.07583	-39.52180	106.80000	0.00000	0.00000	0.04872	1	
		5819	82.07101	-39.52180	106.80000	0.00000	0.00000	0.04670	1	
		5820	84.06619	-39.52180	106.80000	0.00000	0.00000	0.04473	1	
		5821	86.06137	-39.52180	106.80000	0.00000	0.00000	0.04276	1	
		5822	88.05655	-39.52180	106.80000	0.00000	0.00000	0.04077	1	
		5823	90.05173	-39.52180	106.80000	0.00000	0.00000	0.03874	1	
		5824	92.04691	-39.52180	106.80000	0.00000	0.00000	0.03665	1	
		5825	94.04209	-39.52180	106.80000	0.00000	0.00000	0.03453	1	
		5826	96.03727	-39.52180	106.80000	0.00000	0.00000	0.03236	1	
		5827	98.03245	-39.52180	106.80000	0.00000	0.00000	0.03016	1	
		5828	100.02763	-39.52180	106.80000	0.00000	0.00000	0.02795	1	
		5829	102.02281	-39.52180	106.80000	0.00000	0.00000	0.02574	1	
		5830	104.01799	-39.52180	106.80000	0.00000	0.00000	0.02356	1	
		5831	106.01317	-39.52180	106.80000	0.00000	0.00000	0.02141	1	
		5832	108.00835	-39.52180	106.80000	0.00000	0.00000	0.01932	1	
		5833	110.00353	-39.52180	106.80000	0.00000	0.00000	0.01730	1	
		5834	111.99871	-39.52180	106.80000	0.00000	0.00000	0.01536	1	
		5835	113.99388	-39.52180	106.80000	0.00000	0.00000	0.01351	1	
		5836	115.98906	-39.52180	106.80000	0.00000	0.00000	0.01175	1	
		5837	117.98424	-39.52180	106.80000	0.00000	0.00000	0.01009	1	
		5838	119.97942	-39.52180	106.80000	0.00000	0.00000	0.00854	1	
		5839	121.97460	-39.52180	106.80000	0.00000	0.00000	0.00709	1	
		5840	123.96978	-39.52180	106.80000	0.00000	0.00000	0.00575	1	
		5841	125.96496	-39.52180	106.80000	0.00000	0.00000	0.00451	1	
		5842	127.96014	-39.52180	106.80000	0.00000	0.00000	0.00336	1	
		5843	129.95532	-39.52180	106.80000	0.00000	0.00000	0.00232	1	
		5844	131.95050	-39.52180	106.80000	0.00000	0.00000	0.00136	1	
		5845	133.94568	-39.52180	106.80000	0.00000	0.00000	0.00049	1	
		5846	135.94086	-39.52180	106.80000	0.00000	0.00000	-0.00030	1	
		5847	137.93604	-39.52180	106.80000	0.00000	0.00000	-0.00101	1	
		5848	139.93122	-39.52180	106.80000	0.00000	0.00000	-0.00165	1	
		5849	141.92640	-39.52180	106.80000	0.00000	0.00000	-0.00223	1	
		5850	143.92158	-39.52180	106.80000	0.00000	0.00000	-0.00274	1	
		5851	145.91676	-39.52180	106.80000	0.00000	0.00000	-0.00319	1	
		5852	147.91194	-39.52180	106.80000	0.00000	0.00000	-0.00359	1	
		5853	149.90712	-39.52180	106.80000	0.00000	0.00000	-0.00395	1	
		5854	151.90230	-39.52180	106.80000	0.00000	0.00000	-0.00426	1	
		5855	153.89748	-39.52180	106.80000	0.00000	0.00000	-0.00452	1	
		5856	155.89266	-39.52180	106.80000	0.00000	0.00000	-0.00476	1	
		5857	157.88784	-39.52180	106.80000	0.00000	0.00000	-0.00495	1	
		5858	159.88302	-39.52180	106.80000	0.00000	0.00000	-0.00512	1	
		5859	161.87820	-39.52180	106.80000	0.00000	0.00000	-0.00526	1	
		5860	163.87338	-39.52180	106.80000	0.00000	0.00000	-0.00537	1	
		5861	165.86856	-39.52180	106.80000	0.00000	0.00000	-0.00546	1	
		5862	167.86374	-39.52180	106.80000	0.00000	0.00000	-0.00553	1	
		5863	169.85892	-39.52180	106.80000	0.00000	0.00000	-0.00559	1	
		5864	171.85410	-39.52180	106.80000	0.00000	0.00000	-0.00562	1	
		5865	173.84928	-39.52180	106.80000	0.00000	0.00000	-0.00564	1	
		5866	175.84446	-39.52180	106.80000	0.00000	0.00000	-0.00565	1	
		5867	177.83964	-39.52180	106.80000	0.00000	0.00000	-0.00565	1	
		5868	179.83482	-39.52180	106.80000	0.00000	0.00000	-0.00563	1	
		5869	181.83000	-39.52180	106.80000	0.00000	0.00000	-0.00561	1	
		5870	-95.50000	-37.64705	106.80000	0.00000	0.00000	0.00167	1	
		5871	-93.50482	-37.64705	106.80000	0.00000	0.00000	0.00320	1	
		5872	-91.50964	-37.64705	106.80000	0.00000	0.00000	0.00493	1	
		5873	-89.51446	-37.64705	106.80000	0.00000	0.00000	0.00689	1	
		5874	-87.51928	-37.64705	106.80000	0.00000	0.00000	0.00912	1	
		5875	-85.52410	-37.64705	106.80000	0.00000	0.00000	0.01163	1	
		5876	-83.52892	-37.64705	106.80000	0.00000	0.00000	0.01448	1	
		5877	-81.53374	-37.64705	106.80000	0.00000	0.00000	0.01768	1	
		5878	-79.53856	-37.64705	106.80000	0.00000	0.00000	0.02130	1	
		5879	-77.54338	-37.64705	106.80000	0.00000	0.00000	0.02537	1	
		5880	-75.54820	-37.64705	106.80000	0.00000	0.00000	0.02996	1	
		5881	-73.55302	-37.64705	106.80000	0.00000	0.00000	0.03511	1	
		5882	-71.55784	-37.64705	106.80000	0.00000	0.00000	0.04091	1	
		5883	-69.56266	-37.64705	106.80000	0.00000	0.00000	0.04742	1	
		5884	-67.56748	-37.64705	106.80000	0.00000	0.00000	0.05474	1	
		5885	-65.57230	-37.64705	106.80000	0.00000	0.00000	0.06294	1	
		5886	-63.57712	-37.64705	106.80000	0.00000	0.00000	0.07213	1	
		5887	-61.58194	-37.64705	106.80000	0.00000	0.00000	0.08244	1	
		5888	-59.58676	-37.64705	106.80000	0.00000	0.00000	0.09397	1	
		5889	-57.59158	-37.64705	106.80000	0.00000	0.00000	0.10687	1	
		5890	-55.59640	-37.64705	106.80000	0.00000	0.00000	0.12128	1	
		5891	-53.60122	-37.64705	106.80000	0.00000	0.00000	0.13736	1	
		5892	-51.60604	-37.64705	106.80000	0.00000	0.00000	0.15528	1	
		5893	-49.61086	-37.64705	106.80000	0.00000	0.00000	0.17522	1	
		5894	-47.61568	-37.64705	106.80000	0.00000	0.00000	0.19735	1	
		5895	-45.62050	-37.64705	106.80000	0.00000	0.00000	0.22188	1	
		5896	-43.62532	-37.64705	106.80000	0.00000	0.00000	0.24896	1	
		5897	-41.63014	-37.64705	106.80000	0.00000	0.00000	0.27875	1	
		5898	-39.63496	-37.64705	106.80000	0.00000	0.00000	0.31138	1	
		5899	-37.63978	-37.64705	106.80000	0.00000	0.00000	0.34689	1	
		5900	-35.64460	-37.64705	106.80000	0.00000	0.00000	0.38527	1	
		5901	-33.64942	-37.64705	106.80000	0.00000	0.00000	0.42636	1	
		5902	-31.65424	-37.64705	106.80000	0.00000	0.00000	0.46989	1	
		5903	-29.65906	-37.64705	106.80000	0.00000	0.00000	0.51539	1	
		5904	-27.66388	-37.64705	106.80000	0.00000	0.00000	0.56222	1	
		5905	-25.66871	-37.64705	106.80000	0.00000	0.00000	0.60958	1	
		5906	-23.67353	-37.64705	106.80000	0.00000	0.00000	0.65656	1	
		5907	-21.67835	-37.64705	106.80000	0.00000	0.00000	0.70220	1	
		5908	-19.68317	-37.64705	106.80000	0.00000	0.00000	0.74555	1	
		5909	-17.68799	-37.64705	106.80000	0.00000	0.00000	0.78575	1	
		5910	-15.69281	-37.64705	106.80000	0.00000	0.00000	0.82205	1	
		5911	-13.69763	-37.64705	106.80000	0.00000	0.00000	0.85383	1	
		5912	-11.70245	-37.64705	106.80000	0.00000	0.00000	0.88063	1	
		5913	-9.70727	-37.64705	106.80000	0.00000	0.00000	0.90212	1	
		5914	-7.71209	-37.64705	106.80000	0.00000	0.00000	0.91805	1	
		5915	-5.71691	-37.64705	106.80000	0.00000	0.00000	0.92830	1	
		5916	-3.72173	-37.64705	106.80000	0.00000	0.00000	0.93280	1	
		5917	-1.72655	-37.64705	106.80000	0.00000	0.00000	0.93155	1	

								Job No.	Sheet No.	Rev.
								Drg. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		5939	42.16741	-37.64705	106.80000	0.00000	0.00000	0.22047	1	
		5940	44.16259	-37.64705	106.80000	0.00000	0.00000	0.19857	1	
		5941	46.15777	-37.64705	106.80000	0.00000	0.00000	0.17898	1	
		5942	48.15295	-37.64705	106.80000	0.00000	0.00000	0.16154	1	
		5943	50.14813	-37.64705	106.80000	0.00000	0.00000	0.14610	1	
		5944	52.14331	-37.64705	106.80000	0.00000	0.00000	0.13251	1	
		5945	54.13849	-37.64705	106.80000	0.00000	0.00000	0.12058	1	
		5946	56.13367	-37.64705	106.80000	0.00000	0.00000	0.11018	1	
		5947	58.12885	-37.64705	106.80000	0.00000	0.00000	0.10115	1	
		5948	60.12403	-37.64705	106.80000	0.00000	0.00000	0.09334	1	
		5949	62.11921	-37.64705	106.80000	0.00000	0.00000	0.08662	1	
		5950	64.11439	-37.64705	106.80000	0.00000	0.00000	0.08086	1	
		5951	66.10957	-37.64705	106.80000	0.00000	0.00000	0.07593	1	
		5952	68.10475	-37.64705	106.80000	0.00000	0.00000	0.07171	1	
		5953	70.09993	-37.64705	106.80000	0.00000	0.00000	0.06809	1	
		5954	72.09511	-37.64705	106.80000	0.00000	0.00000	0.06496	1	
		5955	74.09029	-37.64705	106.80000	0.00000	0.00000	0.06222	1	
		5956	76.08547	-37.64705	106.80000	0.00000	0.00000	0.05977	1	
		5957	78.08065	-37.64705	106.80000	0.00000	0.00000	0.05752	1	
		5958	80.07583	-37.64705	106.80000	0.00000	0.00000	0.05540	1	
		5959	82.07101	-37.64705	106.80000	0.00000	0.00000	0.05334	1	
		5960	84.06619	-37.64705	106.80000	0.00000	0.00000	0.05129	1	
		5961	86.06137	-37.64705	106.80000	0.00000	0.00000	0.04921	1	
		5962	88.05655	-37.64705	106.80000	0.00000	0.00000	0.04706	1	
		5963	90.05173	-37.64705	106.80000	0.00000	0.00000	0.04483	1	
		5964	92.04691	-37.64705	106.80000	0.00000	0.00000	0.04252	1	
		5965	94.04209	-37.64705	106.80000	0.00000	0.00000	0.04012	1	
		5966	96.03727	-37.64705	106.80000	0.00000	0.00000	0.03766	1	
		5967	98.03245	-37.64705	106.80000	0.00000	0.00000	0.03515	1	
		5968	100.02763	-37.64705	106.80000	0.00000	0.00000	0.03262	1	
		5969	102.02281	-37.64705	106.80000	0.00000	0.00000	0.03008	1	
		5970	104.01799	-37.64705	106.80000	0.00000	0.00000	0.02757	1	
		5971	106.01317	-37.64705	106.80000	0.00000	0.00000	0.02509	1	
		5972	108.00835	-37.64705	106.80000	0.00000	0.00000	0.02269	1	
		5973	110.00353	-37.64705	106.80000	0.00000	0.00000	0.02036	1	
		5974	111.99871	-37.64705	106.80000	0.00000	0.00000	0.01813	1	
		5975	113.99388	-37.64705	106.80000	0.00000	0.00000	0.01601	1	
		5976	115.98906	-37.64705	106.80000	0.00000	0.00000	0.01401	1	
		5977	117.98424	-37.64705	106.80000	0.00000	0.00000	0.01212	1	
		5978	119.97942	-37.64705	106.80000	0.00000	0.00000	0.01036	1	
		5979	121.97460	-37.64705	106.80000	0.00000	0.00000	0.00872	1	
		5980	123.96978	-37.64705	106.80000	0.00000	0.00000	0.00720	1	
		5981	125.96496	-37.64705	106.80000	0.00000	0.00000	0.00579	1	
		5982	127.96014	-37.64705	106.80000	0.00000	0.00000	0.00451	1	
		5983	129.95532	-37.64705	106.80000	0.00000	0.00000	0.00333	1	
		5984	131.95050	-37.64705	106.80000	0.00000	0.00000	0.00226	1	
		5985	133.94568	-37.64705	106.80000	0.00000	0.00000	0.00128	1	
		5986	135.94086	-37.64705	106.80000	0.00000	0.00000	0.00040	1	
		5987	137.93604	-37.64705	106.80000	0.00000	0.00000	-0.00040	1	
		5988	139.93122	-37.64705	106.80000	0.00000	0.00000	-0.00111	1	
		5989	141.92640	-37.64705	106.80000	0.00000	0.00000	-0.00175	1	
		5990	143.92158	-37.64705	106.80000	0.00000	0.00000	-0.00232	1	
		5991	145.91676	-37.64705	106.80000	0.00000	0.00000	-0.00283	1	
		5992	147.91194	-37.64705	106.80000	0.00000	0.00000	-0.00327	1	
		5993	149.90712	-37.64705	106.80000	0.00000	0.00000	-0.00367	1	
		5994	151.90230	-37.64705	106.80000	0.00000	0.00000	-0.00401	1	
		5995	153.89748	-37.64705	106.80000	0.00000	0.00000	-0.00431	1	
		5996	155.89266	-37.64705	106.80000	0.00000	0.00000	-0.00457	1	
		5997	157.88784	-37.64705	106.80000	0.00000	0.00000	-0.00480	1	
		5998	159.88302	-37.64705	106.80000	0.00000	0.00000	-0.00498	1	
		5999	161.87820	-37.64705	106.80000	0.00000	0.00000	-0.00514	1	
		6000	163.87338	-37.64705	106.80000	0.00000	0.00000	-0.00527	1	
		6001	165.86856	-37.64705	106.80000	0.00000	0.00000	-0.00538	1	
		6002	167.86374	-37.64705	106.80000	0.00000	0.00000	-0.00546	1	
		6003	169.85892	-37.64705	106.80000	0.00000	0.00000	-0.00553	1	
		6004	171.85410	-37.64705	106.80000	0.00000	0.00000	-0.00557	1	
		6005	173.84928	-37.64705	106.80000	0.00000	0.00000	-0.00560	1	
		6006	175.84446	-37.64705	106.80000	0.00000	0.00000	-0.00562	1	
		6007	177.83964	-37.64705	106.80000	0.00000	0.00000	-0.00562	1	
		6008	179.83482	-37.64705	106.80000	0.00000	0.00000	-0.00561	1	
		6009	181.83000	-37.64705	106.80000	0.00000	0.00000	-0.00559	1	
		6010	-95.50000	-35.77230	106.80000	0.00000	0.00000	0.00217	1	
		6011	-93.50482	-35.77230	106.80000	0.00000	0.00000	0.00377	1	
		6012	-91.50964	-35.77230	106.80000	0.00000	0.00000	0.00560	1	
		6013	-89.51446	-35.77230	106.80000	0.00000	0.00000	0.00767	1	
		6014	-87.51928	-35.77230	106.80000	0.00000	0.00000	0.00990	1	
		6015	-85.52410	-35.77230	106.80000	0.00000	0.00000	0.01268	1	
		6016	-83.52892	-35.77230	106.80000	0.00000	0.00000	0.01568	1	
		6017	-81.53374	-35.77230	106.80000	0.00000	0.00000	0.01908	1	
		6018	-79.53856	-35.77230	106.80000	0.00000	0.00000	0.02292	1	
		6019	-77.54338	-35.77230	106.80000	0.00000	0.00000	0.02725	1	
		6020	-75.54820	-35.77230	106.80000	0.00000	0.00000	0.03213	1	
		6021	-73.55302	-35.77230	106.80000	0.00000	0.00000	0.03763	1	
		6022	-71.55784	-35.77230	106.80000	0.00000	0.00000	0.04382	1	
		6023	-69.56266	-35.77230	106.80000	0.00000	0.00000	0.05080	1	
		6024	-67.56748	-35.77230	106.80000	0.00000	0.00000	0.05865	1	
		6025	-65.57230	-35.77230	106.80000	0.00000	0.00000	0.06747	1	
		6026	-63.57712	-35.77230	106.80000	0.00000	0.00000	0.07740	1	
		6027	-61.58194	-35.77230	106.80000	0.00000	0.00000	0.08855	1	
		6028	-59.58676	-35.77230	106.80000	0.00000	0.00000	0.10107	1	
		6029	-57.59158	-35.77230	106.80000	0.00000	0.00000	0.11513	1	
		6030	-55.59640	-35.77230	106.80000	0.00000	0.00000	0.13090	1	
		6031	-53.60122	-35.77230	106.80000	0.00000	0.00000	0.14857	1	
		6032	-51.60604	-35.77230	106.80000	0.00000	0.00000	0.16836	1	
		6033	-49.61086	-35.77230	106.80000	0.00000	0.00000	0.19049	1	
		6034	-47.61568	-35.77230	106.80000	0.00000	0.00000	0.21520	1	
		6035	-45.62050	-35.77230	106.80000	0.00000	0.00000	0.24275	1	
		6036	-43.62532	-35.77230	106.80000	0.00000	0.00000	0.27338	1	
		6037	-41.63014	-35.77230	106.80000	0.00000	0.00000	0.30734	1	
		6038	-39.63496	-35.77230	106.80000	0.00000	0.00000	0.34482	1	
		6039	-37.63978	-35.77230	106.80000	0.00000	0.00000	0.38599	1	
		6040	-35.64460	-35.77230	106.80000	0.00000	0.00000	0.43089	1	
		6041	-33.64942	-35.77230	106.80000	0.00000	0.00000	0.47943	1	
		6042	-31.65424	-35.77230	106.80000	0.00000	0.00000	0.53131	1	
		6043	-29.65906	-35.77230	106.80000	0.00000	0.00000	0.58602	1	
		6044	-27.66388	-35.77230	106.80000	0.00000	0.00000	0.64473	1	
		6045	-25.66871	-35.77230	106.80000	0.00000	0.00000	0.70741	1	
		6046	-23.67353	-35.77230	106.80000	0.00000	0.00000	0.77582	1	
		6047	-21.67835	-35.77230	106.80000	0.00000	0.00000	0.84966	1	

Oasys								Job No.	Sheet No.	Rev.
								Drg. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		6069	22.21561	-35.77230	106.80000	0.00000	0.00000	0.65058	1	
		6070	24.21079	-35.77230	106.80000	0.00000	0.00000	0.59924	1	
		6071	26.20597	-35.77230	106.80000	0.00000	0.00000	0.54912	1	
		6072	28.20115	-35.77230	106.80000	0.00000	0.00000	0.50077	1	
		6073	30.19633	-35.77230	106.80000	0.00000	0.00000	0.45473	1	
		6074	32.19151	-35.77230	106.80000	0.00000	0.00000	0.41138	1	
		6075	34.18669	-35.77230	106.80000	0.00000	0.00000	0.37103	1	
		6076	36.18187	-35.77230	106.80000	0.00000	0.00000	0.33386	1	
		6077	38.17705	-35.77230	106.80000	0.00000	0.00000	0.29993	1	
		6078	40.17223	-35.77230	106.80000	0.00000	0.00000	0.26921	1	
		6079	42.16741	-35.77230	106.80000	0.00000	0.00000	0.24159	1	
		6080	44.16259	-35.77230	106.80000	0.00000	0.00000	0.21692	1	
		6081	46.15777	-35.77230	106.80000	0.00000	0.00000	0.19500	1	
		6082	48.15295	-35.77230	106.80000	0.00000	0.00000	0.17563	1	
		6083	50.14813	-35.77230	106.80000	0.00000	0.00000	0.15861	1	
		6084	52.14331	-35.77230	106.80000	0.00000	0.00000	0.14371	1	
		6085	54.13849	-35.77230	106.80000	0.00000	0.00000	0.13074	1	
		6086	56.13367	-35.77230	106.80000	0.00000	0.00000	0.11951	1	
		6087	58.12885	-35.77230	106.80000	0.00000	0.00000	0.10983	1	
		6088	60.12403	-35.77230	106.80000	0.00000	0.00000	0.10154	1	
		6089	62.11921	-35.77230	106.80000	0.00000	0.00000	0.09447	1	
		6090	64.11439	-35.77230	106.80000	0.00000	0.00000	0.08848	1	
		6091	66.10957	-35.77230	106.80000	0.00000	0.00000	0.08341	1	
		6092	68.10475	-35.77230	106.80000	0.00000	0.00000	0.07912	1	
		6093	70.09993	-35.77230	106.80000	0.00000	0.00000	0.07550	1	
		6094	72.09511	-35.77230	106.80000	0.00000	0.00000	0.07240	1	
		6095	74.09029	-35.77230	106.80000	0.00000	0.00000	0.06971	1	
		6096	76.08547	-35.77230	106.80000	0.00000	0.00000	0.06731	1	
		6097	78.08065	-35.77230	106.80000	0.00000	0.00000	0.06511	1	
		6098	80.07583	-35.77230	106.80000	0.00000	0.00000	0.06301	1	
		6099	82.07101	-35.77230	106.80000	0.00000	0.00000	0.06093	1	
		6100	84.06619	-35.77230	106.80000	0.00000	0.00000	0.05881	1	
		6101	86.06137	-35.77230	106.80000	0.00000	0.00000	0.05661	1	
		6102	88.05655	-35.77230	106.80000	0.00000	0.00000	0.05429	1	
		6103	90.05173	-35.77230	106.80000	0.00000	0.00000	0.05184	1	
		6104	92.04691	-35.77230	106.80000	0.00000	0.00000	0.04925	1	
		6105	94.04209	-35.77230	106.80000	0.00000	0.00000	0.04654	1	
		6106	96.03727	-35.77230	106.80000	0.00000	0.00000	0.04374	1	
		6107	98.03245	-35.77230	106.80000	0.00000	0.00000	0.04085	1	
		6108	100.02763	-35.77230	106.80000	0.00000	0.00000	0.03793	1	
		6109	102.02281	-35.77230	106.80000	0.00000	0.00000	0.03500	1	
		6110	104.01799	-35.77230	106.80000	0.00000	0.00000	0.03209	1	
		6111	106.01317	-35.77230	106.80000	0.00000	0.00000	0.02923	1	
		6112	108.00835	-35.77230	106.80000	0.00000	0.00000	0.02645	1	
		6113	110.00353	-35.77230	106.80000	0.00000	0.00000	0.02378	1	
		6114	111.99871	-35.77230	106.80000	0.00000	0.00000	0.02122	1	
		6115	113.99388	-35.77230	106.80000	0.00000	0.00000	0.01878	1	
		6116	115.98906	-35.77230	106.80000	0.00000	0.00000	0.01649	1	
		6117	117.98424	-35.77230	106.80000	0.00000	0.00000	0.01434	1	
		6118	119.97942	-35.77230	106.80000	0.00000	0.00000	0.01234	1	
		6119	121.97460	-35.77230	106.80000	0.00000	0.00000	0.01048	1	
		6120	123.96978	-35.77230	106.80000	0.00000	0.00000	0.00876	1	
		6121	125.96496	-35.77230	106.80000	0.00000	0.00000	0.00718	1	
		6122	127.96014	-35.77230	106.80000	0.00000	0.00000	0.00574	1	
		6123	129.95532	-35.77230	106.80000	0.00000	0.00000	0.00442	1	
		6124	131.95050	-35.77230	106.80000	0.00000	0.00000	0.00322	1	
		6125	133.94568	-35.77230	106.80000	0.00000	0.00000	0.00213	1	
		6126	135.94086	-35.77230	106.80000	0.00000	0.00000	0.00115	1	
		6127	137.93604	-35.77230	106.80000	0.00000	0.00000	0.00026	1	
		6128	139.93122	-35.77230	106.80000	0.00000	0.00000	-0.00053	1	
		6129	141.92640	-35.77230	106.80000	0.00000	0.00000	-0.00124	1	
		6130	143.92158	-35.77230	106.80000	0.00000	0.00000	-0.00188	1	
		6131	145.91676	-35.77230	106.80000	0.00000	0.00000	-0.00244	1	
		6132	147.91194	-35.77230	106.80000	0.00000	0.00000	-0.00294	1	
		6133	149.90712	-35.77230	106.80000	0.00000	0.00000	-0.00337	1	
		6134	151.90230	-35.77230	106.80000	0.00000	0.00000	-0.00376	1	
		6135	153.89748	-35.77230	106.80000	0.00000	0.00000	-0.00409	1	
		6136	155.89266	-35.77230	106.80000	0.00000	0.00000	-0.00438	1	
		6137	157.88784	-35.77230	106.80000	0.00000	0.00000	-0.00463	1	
		6138	159.88302	-35.77230	106.80000	0.00000	0.00000	-0.00484	1	
		6139	161.87820	-35.77230	106.80000	0.00000	0.00000	-0.00502	1	
		6140	163.87338	-35.77230	106.80000	0.00000	0.00000	-0.00517	1	
		6141	165.86856	-35.77230	106.80000	0.00000	0.00000	-0.00529	1	
		6142	167.86374	-35.77230	106.80000	0.00000	0.00000	-0.00539	1	
		6143	169.85892	-35.77230	106.80000	0.00000	0.00000	-0.00546	1	
		6144	171.85410	-35.77230	106.80000	0.00000	0.00000	-0.00552	1	
		6145	173.84928	-35.77230	106.80000	0.00000	0.00000	-0.00556	1	
		6146	175.84446	-35.77230	106.80000	0.00000	0.00000	-0.00558	1	
		6147	177.83964	-35.77230	106.80000	0.00000	0.00000	-0.00559	1	
		6148	179.83482	-35.77230	106.80000	0.00000	0.00000	-0.00559	1	
		6149	181.83000	-35.77230	106.80000	0.00000	0.00000	-0.00558	1	
		6150	-95.50000	-33.89755	106.80000	0.00000	0.00000	0.00266	1	
		6151	-93.50482	-33.89755	106.80000	0.00000	0.00000	0.00435	1	
		6152	-91.50964	-33.89755	106.80000	0.00000	0.00000	0.00626	1	
		6153	-89.51446	-33.89755	106.80000	0.00000	0.00000	0.00844	1	
		6154	-87.51928	-33.89755	106.80000	0.00000	0.00000	0.01091	1	
		6155	-85.52410	-33.89755	106.80000	0.00000	0.00000	0.01372	1	
		6156	-83.52892	-33.89755	106.80000	0.00000	0.00000	0.01689	1	
		6157	-81.53374	-33.89755	106.80000	0.00000	0.00000	0.02048	1	
		6158	-79.53856	-33.89755	106.80000	0.00000	0.00000	0.02453	1	
		6159	-77.54338	-33.89755	106.80000	0.00000	0.00000	0.02912	1	
		6160	-75.54820	-33.89755	106.80000	0.00000	0.00000	0.03430	1	
		6161	-73.55302	-33.89755	106.80000	0.00000	0.00000	0.04015	1	
		6162	-71.55784	-33.89755	106.80000	0.00000	0.00000	0.04675	1	
		6163	-69.56266	-33.89755	106.80000	0.00000	0.00000	0.05419	1	
		6164	-67.56748	-33.89755	106.80000	0.00000	0.00000	0.06259	1	
		6165	-65.57230	-33.89755	106.80000	0.00000	0.00000	0.07206	1	
		6166	-63.57712	-33.89755	106.80000	0.00000	0.00000	0.08274	1	
		6167	-61.58194	-33.89755	106.80000	0.00000	0.00000	0.09477	1	
		6168	-59.58676	-33.89755	106.80000	0.00000	0.00000	0.10833	1	
		6169	-57.59158	-33.89755	106.80000	0.00000	0.00000	0.12360	1	
		6170	-55.59640	-33.89755	106.80000	0.00000	0.00000	0.14079	1	
		6171	-53.60122	-33.89755	106.80000	0.00000	0.00000	0.16015	1	
		6172	-51.60604	-33.89755	106.80000	0.00000	0.00000	0.18192	1	
		6173	-49.61086	-33.89755	106.80000	0.00000	0.00000	0.20641	1	
		6174	-47.61568	-33.89755	106.80000	0.00000	0.00000	0.23392	1	
		6175	-45.62050	-33.89755	106.80000	0.00000	0.00000	0.26478	1	
		6176	-43.62532	-33.89755	106.80000	0.00000	0.00000	0.29935	1	
		6177	-41.63014	-33.89755	106.80000	0.00000	0.00000	0.33798	1	
		6178	-39.63496</							

Oasys								Job No.	Sheet No.	Rev.
								Drg. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		6199	2.26381	-33.89755	106.80000	0.00000	0.00000	1.25601	1	
		6200	4.25899	-33.89755	106.80000	0.00000	0.00000	1.22920	1	
		6201	6.25417	-33.89755	106.80000	0.00000	0.00000	1.19467	1	
		6202	8.24935	-33.89755	106.80000	0.00000	0.00000	1.15296	1	
		6203	10.24453	-33.89755	106.80000	0.00000	0.00000	1.10487	1	
		6204	12.23971	-33.89755	106.80000	0.00000	0.00000	1.05146	1	
		6205	14.23489	-33.89755	106.80000	0.00000	0.00000	0.99396	1	
		6206	16.23007	-33.89755	106.80000	0.00000	0.00000	0.93358	1	
		6207	18.22525	-33.89755	106.80000	0.00000	0.00000	0.87146	1	
		6208	20.22043	-33.89755	106.80000	0.00000	0.00000	0.80859	1	
		6209	22.21561	-33.89755	106.80000	0.00000	0.00000	0.74584	1	
		6210	24.21079	-33.89755	106.80000	0.00000	0.00000	0.68401	1	
		6211	26.20597	-33.89755	106.80000	0.00000	0.00000	0.62386	1	
		6212	28.20115	-33.89755	106.80000	0.00000	0.00000	0.56610	1	
		6213	30.19633	-33.89755	106.80000	0.00000	0.00000	0.51137	1	
		6214	32.19151	-33.89755	106.80000	0.00000	0.00000	0.46017	1	
		6215	34.18669	-33.89755	106.80000	0.00000	0.00000	0.41286	1	
		6216	36.18187	-33.89755	106.80000	0.00000	0.00000	0.36963	1	
		6217	38.17705	-33.89755	106.80000	0.00000	0.00000	0.33049	1	
		6218	40.17223	-33.89755	106.80000	0.00000	0.00000	0.29536	1	
		6219	42.16741	-33.89755	106.80000	0.00000	0.00000	0.26403	1	
		6220	44.16259	-33.89755	106.80000	0.00000	0.00000	0.23628	1	
		6221	46.15777	-33.89755	106.80000	0.00000	0.00000	0.21181	1	
		6222	48.15295	-33.89755	106.80000	0.00000	0.00000	0.19035	1	
		6223	50.14813	-33.89755	106.80000	0.00000	0.00000	0.17163	1	
		6224	52.14331	-33.89755	106.80000	0.00000	0.00000	0.15536	1	
		6225	54.13849	-33.89755	106.80000	0.00000	0.00000	0.14131	1	
		6226	56.13367	-33.89755	106.80000	0.00000	0.00000	0.12924	1	
		6227	58.12885	-33.89755	106.80000	0.00000	0.00000	0.11893	1	
		6228	60.12403	-33.89755	106.80000	0.00000	0.00000	0.11019	1	
		6229	62.11921	-33.89755	106.80000	0.00000	0.00000	0.10281	1	
		6230	64.11439	-33.89755	106.80000	0.00000	0.00000	0.09664	1	
		6231	66.10957	-33.89755	106.80000	0.00000	0.00000	0.09149	1	
		6232	68.10475	-33.89755	106.80000	0.00000	0.00000	0.08722	1	
		6233	70.09993	-33.89755	106.80000	0.00000	0.00000	0.08366	1	
		6234	72.09511	-33.89755	106.80000	0.00000	0.00000	0.08067	1	
		6235	74.09029	-33.89755	106.80000	0.00000	0.00000	0.07811	1	
		6236	76.08547	-33.89755	106.80000	0.00000	0.00000	0.07584	1	
		6237	78.08065	-33.89755	106.80000	0.00000	0.00000	0.07375	1	
		6238	80.07583	-33.89755	106.80000	0.00000	0.00000	0.07172	1	
		6239	82.07101	-33.89755	106.80000	0.00000	0.00000	0.06966	1	
		6240	84.06619	-33.89755	106.80000	0.00000	0.00000	0.06749	1	
		6241	86.06137	-33.89755	106.80000	0.00000	0.00000	0.06517	1	
		6242	88.05655	-33.89755	106.80000	0.00000	0.00000	0.06266	1	
		6243	90.05173	-33.89755	106.80000	0.00000	0.00000	0.05995	1	
		6244	92.04691	-33.89755	106.80000	0.00000	0.00000	0.05703	1	
		6245	94.04209	-33.89755	106.80000	0.00000	0.00000	0.05394	1	
		6246	96.03727	-33.89755	106.80000	0.00000	0.00000	0.05071	1	
		6247	98.03245	-33.89755	106.80000	0.00000	0.00000	0.04738	1	
		6248	100.02763	-33.89755	106.80000	0.00000	0.00000	0.04398	1	
		6249	102.02281	-33.89755	106.80000	0.00000	0.00000	0.04057	1	
		6250	104.01799	-33.89755	106.80000	0.00000	0.00000	0.03719	1	
		6251	106.01317	-33.89755	106.80000	0.00000	0.00000	0.03388	1	
		6252	108.00835	-33.89755	106.80000	0.00000	0.00000	0.03066	1	
		6253	110.00353	-33.89755	106.80000	0.00000	0.00000	0.02757	1	
		6254	111.99871	-33.89755	106.80000	0.00000	0.00000	0.02463	1	
		6255	113.99388	-33.89755	106.80000	0.00000	0.00000	0.02184	1	
		6256	115.98906	-33.89755	106.80000	0.00000	0.00000	0.01922	1	
		6257	117.98424	-33.89755	106.80000	0.00000	0.00000	0.01677	1	
		6258	119.97942	-33.89755	106.80000	0.00000	0.00000	0.01450	1	
		6259	121.97460	-33.89755	106.80000	0.00000	0.00000	0.01240	1	
		6260	123.96978	-33.89755	106.80000	0.00000	0.00000	0.01046	1	
		6261	125.96496	-33.89755	106.80000	0.00000	0.00000	0.00868	1	
		6262	127.96014	-33.89755	106.80000	0.00000	0.00000	0.00706	1	
		6263	129.95532	-33.89755	106.80000	0.00000	0.00000	0.00558	1	
		6264	131.95050	-33.89755	106.80000	0.00000	0.00000	0.00424	1	
		6265	133.94568	-33.89755	106.80000	0.00000	0.00000	0.00303	1	
		6266	135.94086	-33.89755	106.80000	0.00000	0.00000	0.00194	1	
		6267	137.93604	-33.89755	106.80000	0.00000	0.00000	0.00096	1	
		6268	139.93122	-33.89755	106.80000	0.00000	0.00000	0.00008	1	
		6269	141.92640	-33.89755	106.80000	0.00000	0.00000	0.00071	1	
		6270	143.92158	-33.89755	106.80000	0.00000	0.00000	-0.00141	1	
		6271	145.91676	-33.89755	106.80000	0.00000	0.00000	-0.00203	1	
		6272	147.91194	-33.89755	106.80000	0.00000	0.00000	-0.00258	1	
		6273	149.90712	-33.89755	106.80000	0.00000	0.00000	-0.00307	1	
		6274	151.90230	-33.89755	106.80000	0.00000	0.00000	-0.00349	1	
		6275	153.89748	-33.89755	106.80000	0.00000	0.00000	-0.00386	1	
		6276	155.89266	-33.89755	106.80000	0.00000	0.00000	-0.00418	1	
		6277	157.88784	-33.89755	106.80000	0.00000	0.00000	-0.00445	1	
		6278	159.88302	-33.89755	106.80000	0.00000	0.00000	-0.00469	1	
		6279	161.87820	-33.89755	106.80000	0.00000	0.00000	-0.00489	1	
		6280	163.87338	-33.89755	106.80000	0.00000	0.00000	-0.00506	1	
		6281	165.86856	-33.89755	106.80000	0.00000	0.00000	-0.00520	1	
		6282	167.86374	-33.89755	106.80000	0.00000	0.00000	-0.00531	1	
		6283	169.85892	-33.89755	106.80000	0.00000	0.00000	-0.00540	1	
		6284	171.85410	-33.89755	106.80000	0.00000	0.00000	-0.00546	1	
		6285	173.84928	-33.89755	106.80000	0.00000	0.00000	-0.00551	1	
		6286	175.84446	-33.89755	106.80000	0.00000	0.00000	-0.00554	1	
		6287	177.83964	-33.89755	106.80000	0.00000	0.00000	-0.00556	1	
		6288	179.83482	-33.89755	106.80000	0.00000	0.00000	-0.00557	1	
		6289	181.83000	-33.89755	106.80000	0.00000	0.00000	-0.00556	1	
		6290	-95.50000	-32.02281	106.80000	0.00000	0.00000	0.00314	1	
		6291	-93.50482	-32.02281	106.80000	0.00000	0.00000	0.00491	1	
		6292	-91.50964	-32.02281	106.80000	0.00000	0.00000	0.00692	1	
		6293	-89.51446	-32.02281	106.80000	0.00000	0.00000	0.00920	1	
		6294	-87.51928	-32.02281	106.80000	0.00000	0.00000	0.01180	1	
		6295	-85.52410	-32.02281	106.80000	0.00000	0.00000	0.01474	1	
		6296	-83.52892	-32.02281	106.80000	0.00000	0.00000	0.01808	1	
		6297	-81.53374	-32.02281	106.80000	0.00000	0.00000	0.02186	1	
		6298	-79.53856	-32.02281	106.80000	0.00000	0.00000	0.02614	1	
		6299	-77.54338	-32.02281	106.80000	0.00000	0.00000	0.03098	1	
		6300	-75.54820	-32.02281	106.80000	0.00000	0.00000	0.03646	1	
		6301	-73.55302	-32.02281	106.80000	0.00000	0.00000	0.04266	1	
		6302	-71.55784	-32.02281	106.80000	0.00000	0.00000	0.04967	1	
		6303	-69.56266	-32.02281	106.80000	0.00000	0.00000	0.05759	1	
		6304	-67.56748	-32.02281	106.80000	0.00000	0.00000	0.06655	1	
		6305	-65.57230	-32.02281	106.80000	0.00000	0.00000	0.07667	1	
		6306	-63.57712	-32.02281	106.80000	0.00000	0.00000	0.08811	1	
		6307	-61.58194	-32.02281	106.80000	0.00000	0.00000	0.10105	1	
		6308	-59.58676	-						

Oasys								Job No.	Sheet No.	Rev.
								Drg. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		6329	-17.68799	-32.02281	106.80000	0.00000	0.00000	1.26670	1	
		6330	-15.69281	-32.02281	106.80000	0.00000	0.00000	1.33340	1	
		6331	-13.69763	-32.02281	106.80000	0.00000	0.00000	1.39088	1	
		6332	-11.70245	-32.02281	106.80000	0.00000	0.00000	1.43849	1	
		6333	-9.70727	-32.02281	106.80000	0.00000	0.00000	1.47595	1	
		6334	-7.71209	-32.02281	106.80000	0.00000	0.00000	1.50318	1	
		6335	-5.71691	-32.02281	106.80000	0.00000	0.00000	1.52026	1	
		6336	-3.72173	-32.02281	106.80000	0.00000	0.00000	1.52726	1	
		6337	-1.72655	-32.02281	106.80000	0.00000	0.00000	1.52423	1	
		6338	0.26863	-32.02281	106.80000	0.00000	0.00000	1.51119	1	
		6339	2.26381	-32.02281	106.80000	0.00000	0.00000	1.48814	1	
		6340	4.25899	-32.02281	106.80000	0.00000	0.00000	1.45513	1	
		6341	6.25417	-32.02281	106.80000	0.00000	0.00000	1.41239	1	
		6342	8.24935	-32.02281	106.80000	0.00000	0.00000	1.36049	1	
		6343	10.24453	-32.02281	106.80000	0.00000	0.00000	1.30046	1	
		6344	12.23971	-32.02281	106.80000	0.00000	0.00000	1.23380	1	
		6345	14.23489	-32.02281	106.80000	0.00000	0.00000	1.16228	1	
		6346	16.23007	-32.02281	106.80000	0.00000	0.00000	1.08762	1	
		6347	18.22525	-32.02281	106.80000	0.00000	0.00000	1.01129	1	
		6348	20.22043	-32.02281	106.80000	0.00000	0.00000	0.93446	1	
		6349	22.21561	-32.02281	106.80000	0.00000	0.00000	0.85812	1	
		6350	24.21079	-32.02281	106.80000	0.00000	0.00000	0.78316	1	
		6351	26.20597	-32.02281	106.80000	0.00000	0.00000	0.71048	1	
		6352	28.20115	-32.02281	106.80000	0.00000	0.00000	0.64098	1	
		6353	30.19633	-32.02281	106.80000	0.00000	0.00000	0.57550	1	
		6354	32.19151	-32.02281	106.80000	0.00000	0.00000	0.51469	1	
		6355	34.18669	-32.02281	106.80000	0.00000	0.00000	0.45899	1	
		6356	36.18187	-32.02281	106.80000	0.00000	0.00000	0.40857	1	
		6357	38.17705	-32.02281	106.80000	0.00000	0.00000	0.36337	1	
		6358	40.17223	-32.02281	106.80000	0.00000	0.00000	0.32319	1	
		6359	42.16741	-32.02281	106.80000	0.00000	0.00000	0.28771	1	
		6360	44.16259	-32.02281	106.80000	0.00000	0.00000	0.25654	1	
		6361	46.15777	-32.02281	106.80000	0.00000	0.00000	0.22931	1	
		6362	48.15295	-32.02281	106.80000	0.00000	0.00000	0.20561	1	
		6363	50.14813	-32.02281	106.80000	0.00000	0.00000	0.18509	1	
		6364	52.14331	-32.02281	106.80000	0.00000	0.00000	0.16741	1	
		6365	54.13849	-32.02281	106.80000	0.00000	0.00000	0.15226	1	
		6366	56.13367	-32.02281	106.80000	0.00000	0.00000	0.13936	1	
		6367	58.12885	-32.02281	106.80000	0.00000	0.00000	0.12844	1	
		6368	60.12403	-32.02281	106.80000	0.00000	0.00000	0.11928	1	
		6369	62.11921	-32.02281	106.80000	0.00000	0.00000	0.11167	1	
		6370	64.11439	-32.02281	106.80000	0.00000	0.00000	0.10539	1	
		6371	66.10957	-32.02281	106.80000	0.00000	0.00000	0.10025	1	
		6372	68.10475	-32.02281	106.80000	0.00000	0.00000	0.09608	1	
		6373	70.09993	-32.02281	106.80000	0.00000	0.00000	0.09269	1	
		6374	72.09511	-32.02281	106.80000	0.00000	0.00000	0.08991	1	
		6375	74.09029	-32.02281	106.80000	0.00000	0.00000	0.08758	1	
		6376	76.08547	-32.02281	106.80000	0.00000	0.00000	0.08554	1	
		6377	78.08065	-32.02281	106.80000	0.00000	0.00000	0.08364	1	
		6378	80.07583	-32.02281	106.80000	0.00000	0.00000	0.08175	1	
		6379	82.07101	-32.02281	106.80000	0.00000	0.00000	0.07975	1	
		6380	84.06619	-32.02281	106.80000	0.00000	0.00000	0.07757	1	
		6381	86.06137	-32.02281	106.80000	0.00000	0.00000	0.07513	1	
		6382	88.05655	-32.02281	106.80000	0.00000	0.00000	0.07240	1	
		6383	90.05173	-32.02281	106.80000	0.00000	0.00000	0.06937	1	
		6384	92.04691	-32.02281	106.80000	0.00000	0.00000	0.06607	1	
		6385	94.04209	-32.02281	106.80000	0.00000	0.00000	0.06251	1	
		6386	96.03727	-32.02281	106.80000	0.00000	0.00000	0.05876	1	
		6387	98.03245	-32.02281	106.80000	0.00000	0.00000	0.05487	1	
		6388	100.02763	-32.02281	106.80000	0.00000	0.00000	0.05090	1	
		6389	102.02281	-32.02281	106.80000	0.00000	0.00000	0.04691	1	
		6390	104.01799	-32.02281	106.80000	0.00000	0.00000	0.04297	1	
		6391	106.01317	-32.02281	106.80000	0.00000	0.00000	0.03911	1	
		6392	108.00835	-32.02281	106.80000	0.00000	0.00000	0.03537	1	
		6393	110.00353	-32.02281	106.80000	0.00000	0.00000	0.03180	1	
		6394	111.99871	-32.02281	106.80000	0.00000	0.00000	0.02840	1	
		6395	113.99388	-32.02281	106.80000	0.00000	0.00000	0.02520	1	
		6396	115.98906	-32.02281	106.80000	0.00000	0.00000	0.02221	1	
		6397	117.98424	-32.02281	106.80000	0.00000	0.00000	0.01942	1	
		6398	119.97942	-32.02281	106.80000	0.00000	0.00000	0.01684	1	
		6399	121.97460	-32.02281	106.80000	0.00000	0.00000	0.01447	1	
		6400	123.96978	-32.02281	106.80000	0.00000	0.00000	0.01229	1	
		6401	125.96496	-32.02281	106.80000	0.00000	0.00000	0.01029	1	
		6402	127.96014	-32.02281	106.80000	0.00000	0.00000	0.00848	1	
		6403	129.95532	-32.02281	106.80000	0.00000	0.00000	0.00683	1	
		6404	131.95050	-32.02281	106.80000	0.00000	0.00000	0.00534	1	
		6405	133.94568	-32.02281	106.80000	0.00000	0.00000	0.00399	1	
		6406	135.94086	-32.02281	106.80000	0.00000	0.00000	0.00278	1	
		6407	137.93604	-32.02281	106.80000	0.00000	0.00000	0.00169	1	
		6408	139.93122	-32.02281	106.80000	0.00000	0.00000	0.00072	1	
		6409	141.92640	-32.02281	106.80000	0.00000	0.00000	0.00015	1	
		6410	143.92158	-32.02281	106.80000	0.00000	0.00000	-0.00092	1	
		6411	145.91676	-32.02281	106.80000	0.00000	0.00000	-0.00160	1	
		6412	147.91194	-32.02281	106.80000	0.00000	0.00000	-0.00221	1	
		6413	149.90712	-32.02281	106.80000	0.00000	0.00000	-0.00274	1	
		6414	151.90230	-32.02281	106.80000	0.00000	0.00000	-0.00321	1	
		6415	153.89748	-32.02281	106.80000	0.00000	0.00000	-0.00361	1	
		6416	155.89266	-32.02281	106.80000	0.00000	0.00000	-0.00397	1	
		6417	157.88784	-32.02281	106.80000	0.00000	0.00000	-0.00427	1	
		6418	159.88302	-32.02281	106.80000	0.00000	0.00000	-0.00453	1	
		6419	161.87820	-32.02281	106.80000	0.00000	0.00000	-0.00476	1	
		6420	163.87338	-32.02281	106.80000	0.00000	0.00000	-0.00494	1	
		6421	165.86856	-32.02281	106.80000	0.00000	0.00000	-0.00510	1	
		6422	167.86374	-32.02281	106.80000	0.00000	0.00000	-0.00522	1	
		6423	169.85892	-32.02281	106.80000	0.00000	0.00000	-0.00533	1	
		6424	171.85410	-32.02281	106.80000	0.00000	0.00000	-0.00540	1	
		6425	173.84928	-32.02281	106.80000	0.00000	0.00000	-0.00546	1	
		6426	175.84446	-32.02281	106.80000	0.00000	0.00000	-0.00550	1	
		6427	177.83964	-32.02281	106.80000	0.00000	0.00000	-0.00553	1	
		6428	179.83482	-32.02281	106.80000	0.00000	0.00000	-0.00554	1	
		6429	181.83000	-32.02281	106.80000	0.00000	0.00000	-0.00554	1	
		6430	-95.50000	-30.14806	106.80000	0.00000	0.00000	0.00362	1	
		6431	-93.50482	-30.14806	106.80000	0.00000	0.00000	0.00546	1	
		6432	-91.50964	-30.14806	106.80000	0.00000	0.00000	0.00756	1	
		6433	-89.51446	-30.14806	106.80000	0.00000	0.00000	0.00995	1	
		6434	-87.51928	-30.14806	106.80000	0.00000	0.00000	0.01266	1	
		6435	-85.52410	-30.14806	106.80000	0.00000	0.00000	0.01575	1	
		6436	-83.52892	-30.14806	106.80000	0.00000	0.00000	0.01925	1	
		6437	-81.53374	-30.14806	106.80000	0.00000	0.00000	0.02322	1	
		6438	-79.53856	-30.148						

Oasys								Job No.	Sheet No.	Rev.
								Drg. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		6459	-37.63978	-30.14806	106.80000	0.00000	0.00000	0.52539	1	
		6460	-35.64460	-30.14806	106.80000	0.00000	0.00000	0.59786	1	
		6461	-33.64942	-30.14806	106.80000	0.00000	0.00000	0.67941	1	
		6462	-31.65424	-30.14806	106.80000	0.00000	0.00000	0.77034	1	
		6463	-29.65906	-30.14806	106.80000	0.00000	0.00000	0.87021	1	
		6464	-27.66388	-30.14806	106.80000	0.00000	0.00000	0.97754	1	
		6465	-25.66871	-30.14806	106.80000	0.00000	0.00000	1.08956	1	
		6466	-23.67353	-30.14806	106.80000	0.00000	0.00000	1.20243	1	
		6467	-21.67835	-30.14806	106.80000	0.00000	0.00000	1.31212	1	
		6468	-19.68317	-30.14806	106.80000	0.00000	0.00000	1.41519	1	
		6469	-17.68799	-30.14806	106.80000	0.00000	0.00000	1.50914	1	
		6470	-15.69281	-30.14806	106.80000	0.00000	0.00000	1.59217	1	
		6471	-13.69763	-30.14806	106.80000	0.00000	0.00000	1.66305	1	
		6472	-11.70245	-30.14806	106.80000	0.00000	0.00000	1.72115	1	
		6473	-9.70727	-30.14806	106.80000	0.00000	0.00000	1.76637	1	
		6474	-7.71209	-30.14806	106.80000	0.00000	0.00000	1.79894	1	
		6475	-5.71691	-30.14806	106.80000	0.00000	0.00000	1.81914	1	
		6476	-3.72173	-30.14806	106.80000	0.00000	0.00000	1.82722	1	
		6477	-1.72655	-30.14806	106.80000	0.00000	0.00000	1.82326	1	
		6478	0.26863	-30.14806	106.80000	0.00000	0.00000	1.80721	1	
		6479	2.26381	-30.14806	106.80000	0.00000	0.00000	1.77890	1	
		6480	4.25899	-30.14806	106.80000	0.00000	0.00000	1.73812	1	
		6481	6.25417	-30.14806	106.80000	0.00000	0.00000	1.68482	1	
		6482	8.24935	-30.14806	106.80000	0.00000	0.00000	1.61944	1	
		6483	10.24453	-30.14806	106.80000	0.00000	0.00000	1.54329	1	
		6484	12.23971	-30.14806	106.80000	0.00000	0.00000	1.45864	1	
		6485	14.23489	-30.14806	106.80000	0.00000	0.00000	1.36830	1	
		6486	16.23007	-30.14806	106.80000	0.00000	0.00000	1.27484	1	
		6487	18.22525	-30.14806	106.80000	0.00000	0.00000	1.18016	1	
		6488	20.22043	-30.14806	106.80000	0.00000	0.00000	1.08554	1	
		6489	22.21561	-30.14806	106.80000	0.00000	0.00000	0.99197	1	
		6490	24.21079	-30.14806	106.80000	0.00000	0.00000	0.90036	1	
		6491	26.20597	-30.14806	106.80000	0.00000	0.00000	0.81178	1	
		6492	28.20115	-30.14806	106.80000	0.00000	0.00000	0.72741	1	
		6493	30.19633	-30.14806	106.80000	0.00000	0.00000	0.64840	1	
		6494	32.19151	-30.14806	106.80000	0.00000	0.00000	0.57568	1	
		6495	34.18669	-30.14806	106.80000	0.00000	0.00000	0.50976	1	
		6496	36.18187	-30.14806	106.80000	0.00000	0.00000	0.45077	1	
		6497	38.17705	-30.14806	106.80000	0.00000	0.00000	0.39852	1	
		6498	40.17223	-30.14806	106.80000	0.00000	0.00000	0.35260	1	
		6499	42.16741	-30.14806	106.80000	0.00000	0.00000	0.31247	1	
		6500	44.16259	-30.14806	106.80000	0.00000	0.00000	0.27757	1	
		6501	46.15777	-30.14806	106.80000	0.00000	0.00000	0.24735	1	
		6502	48.15295	-30.14806	106.80000	0.00000	0.00000	0.22129	1	
		6503	50.14813	-30.14806	106.80000	0.00000	0.00000	0.19891	1	
		6504	52.14331	-30.14806	106.80000	0.00000	0.00000	0.17978	1	
		6505	54.13849	-30.14806	106.80000	0.00000	0.00000	0.16352	1	
		6506	56.13367	-30.14806	106.80000	0.00000	0.00000	0.14981	1	
		6507	58.12885	-30.14806	106.80000	0.00000	0.00000	0.13834	1	
		6508	60.12403	-30.14806	106.80000	0.00000	0.00000	0.12883	1	
		6509	62.11921	-30.14806	106.80000	0.00000	0.00000	0.12105	1	
		6510	64.11439	-30.14806	106.80000	0.00000	0.00000	0.11476	1	
		6511	66.10957	-30.14806	106.80000	0.00000	0.00000	0.10975	1	
		6512	68.10475	-30.14806	106.80000	0.00000	0.00000	0.10580	1	
		6513	70.09993	-30.14806	106.80000	0.00000	0.00000	0.10271	1	
		6514	72.09511	-30.14806	106.80000	0.00000	0.00000	0.10029	1	
		6515	74.09029	-30.14806	106.80000	0.00000	0.00000	0.09833	1	
		6516	76.08547	-30.14806	106.80000	0.00000	0.00000	0.09664	1	
		6517	78.08065	-30.14806	106.80000	0.00000	0.00000	0.09505	1	
		6518	80.07583	-30.14806	106.80000	0.00000	0.00000	0.09339	1	
		6519	82.07101	-30.14806	106.80000	0.00000	0.00000	0.09152	1	
		6520	84.06619	-30.14806	106.80000	0.00000	0.00000	0.08935	1	
		6521	86.06137	-30.14806	106.80000	0.00000	0.00000	0.08679	1	
		6522	88.05655	-30.14806	106.80000	0.00000	0.00000	0.08381	1	
		6523	90.05173	-30.14806	106.80000	0.00000	0.00000	0.08041	1	
		6524	92.04691	-30.14806	106.80000	0.00000	0.00000	0.07661	1	
		6525	94.04209	-30.14806	106.80000	0.00000	0.00000	0.07248	1	
		6526	96.03727	-30.14806	106.80000	0.00000	0.00000	0.06808	1	
		6527	98.03245	-30.14806	106.80000	0.00000	0.00000	0.06350	1	
		6528	100.02763	-30.14806	106.80000	0.00000	0.00000	0.05882	1	
		6529	102.02281	-30.14806	106.80000	0.00000	0.00000	0.05413	1	
		6530	104.01799	-30.14806	106.80000	0.00000	0.00000	0.04950	1	
		6531	106.01317	-30.14806	106.80000	0.00000	0.00000	0.04498	1	
		6532	108.00835	-30.14806	106.80000	0.00000	0.00000	0.04063	1	
		6533	110.00353	-30.14806	106.80000	0.00000	0.00000	0.03649	1	
		6534	111.99871	-30.14806	106.80000	0.00000	0.00000	0.03257	1	
		6535	113.99388	-30.14806	106.80000	0.00000	0.00000	0.02890	1	
		6536	115.98906	-30.14806	106.80000	0.00000	0.00000	0.02547	1	
		6537	117.98424	-30.14806	106.80000	0.00000	0.00000	0.02230	1	
		6538	119.97942	-30.14806	106.80000	0.00000	0.00000	0.01938	1	
		6539	121.97460	-30.14806	106.80000	0.00000	0.00000	0.01670	1	
		6540	123.96978	-30.14806	106.80000	0.00000	0.00000	0.01425	1	
		6541	125.96496	-30.14806	106.80000	0.00000	0.00000	0.01201	1	
		6542	127.96014	-30.14806	106.80000	0.00000	0.00000	0.00999	1	
		6543	129.95532	-30.14806	106.80000	0.00000	0.00000	0.00815	1	
		6544	131.95050	-30.14806	106.80000	0.00000	0.00000	0.00649	1	
		6545	133.94568	-30.14806	106.80000	0.00000	0.00000	0.00500	1	
		6546	135.94086	-30.14806	106.80000	0.00000	0.00000	0.00366	1	
		6547	137.93604	-30.14806	106.80000	0.00000	0.00000	0.00246	1	
		6548	139.93122	-30.14806	106.80000	0.00000	0.00000	0.00139	1	
		6549	141.92640	-30.14806	106.80000	0.00000	0.00000	0.00044	1	
		6550	143.92158	-30.14806	106.80000	0.00000	0.00000	-0.00041	1	
		6551	145.91676	-30.14806	106.80000	0.00000	0.00000	-0.00116	1	
		6552	147.91194	-30.14806	106.80000	0.00000	0.00000	-0.00182	1	
		6553	149.90712	-30.14806	106.80000	0.00000	0.00000	-0.00240	1	
		6554	151.90230	-30.14806	106.80000	0.00000	0.00000	-0.00291	1	
		6555	153.89748	-30.14806	106.80000	0.00000	0.00000	-0.00336	1	
		6556	155.89266	-30.14806	106.80000	0.00000	0.00000	-0.00375	1	
		6557	157.88784	-30.14806	106.80000	0.00000	0.00000	-0.00408	1	
		6558	159.88302	-30.14806	106.80000	0.00000	0.00000	-0.00437	1	
		6559	161.87820	-30.14806	106.80000	0.00000	0.00000	-0.00462	1	
		6560	163.87338	-30.14806	106.80000	0.00000	0.00000	-0.00482	1	
		6561	165.86856	-30.14806	106.80000	0.00000	0.00000	-0.00499	1	
		6562	167.86374	-30.14806	106.80000	0.00000	0.00000	-0.00514	1	
		6563	169.85892	-30.14806	106.80000	0.00000	0.00000	-0.00525	1	
		6564	171.85410	-30.14806	106.80000	0.00000	0.00000	-0.00534	1	
		6565	173.84928	-30.14806	106.80000	0.00000	0.00000	-0.00541	1	
		6566	175.84446	-30.14806	106.80000	0.00000	0.00000	-0.00546	1	
		6567	177.83964	-30.14806	106.80000	0.00000	0.00000	-0.00549	1	
		6568	179.83482	-30.1480						

Oasys								Job No.	Sheet No.	Rev.
								Drg. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		6589	-57.59158	-28.27331	106.80000	0.00000	0.00000	0.14951	1	
		6590	-55.59640	-28.27331	106.80000	0.00000	0.00000	0.17129	1	
		6591	-53.60122	-28.27331	106.80000	0.00000	0.00000	0.19612	1	
		6592	-51.60604	-28.27331	106.80000	0.00000	0.00000	0.22445	1	
		6593	-49.61086	-28.27331	106.80000	0.00000	0.00000	0.25682	1	
		6594	-47.61568	-28.27331	106.80000	0.00000	0.00000	0.29385	1	
		6595	-45.62050	-28.27331	106.80000	0.00000	0.00000	0.33626	1	
		6596	-43.62532	-28.27331	106.80000	0.00000	0.00000	0.38490	1	
		6597	-41.63014	-28.27331	106.80000	0.00000	0.00000	0.44077	1	
		6598	-39.63496	-28.27331	106.80000	0.00000	0.00000	0.50502	1	
		6599	-37.63978	-28.27331	106.80000	0.00000	0.00000	0.57893	1	
		6600	-35.64460	-28.27331	106.80000	0.00000	0.00000	0.66392	1	
		6601	-33.64942	-28.27331	106.80000	0.00000	0.00000	0.76138	1	
		6602	-31.65424	-28.27331	106.80000	0.00000	0.00000	0.87238	1	
		6603	-29.65906	-28.27331	106.80000	0.00000	0.00000	0.99717	1	
		6604	-27.66388	-28.27331	106.80000	0.00000	0.00000	1.13424	1	
		6605	-25.66871	-28.27331	106.80000	0.00000	0.00000	1.27958	1	
		6606	-23.67353	-28.27331	106.80000	0.00000	0.00000	1.42676	1	
		6607	-21.67835	-28.27331	106.80000	0.00000	0.00000	1.58896	1	
		6608	-19.68317	-28.27331	106.80000	0.00000	0.00000	1.70123	1	
		6609	-17.68799	-28.27331	106.80000	0.00000	0.00000	1.82073	1	
		6610	-15.69281	-28.27331	106.80000	0.00000	0.00000	1.92537	1	
		6611	-13.69763	-28.27331	106.80000	0.00000	0.00000	2.01355	1	
		6612	-11.70245	-28.27331	106.80000	0.00000	0.00000	2.08473	1	
		6613	-9.70727	-28.27331	106.80000	0.00000	0.00000	2.13934	1	
		6614	-7.71209	-28.27331	106.80000	0.00000	0.00000	2.17817	1	
		6615	-5.71691	-28.27331	106.80000	0.00000	0.00000	2.20198	1	
		6616	-3.72173	-28.27331	106.80000	0.00000	0.00000	2.21125	1	
		6617	-1.72655	-28.27331	106.80000	0.00000	0.00000	2.20616	1	
		6618	0.26863	-28.27331	106.80000	0.00000	0.00000	2.18654	1	
		6619	2.26381	-28.27331	106.80000	0.00000	0.00000	2.15189	1	
		6620	4.25899	-28.27331	106.80000	0.00000	0.00000	2.10145	1	
		6621	6.25417	-28.27331	106.80000	0.00000	0.00000	2.03446	1	
		6622	8.24935	-28.27331	106.80000	0.00000	0.00000	1.95077	1	
		6623	10.24453	-28.27331	106.80000	0.00000	0.00000	1.85186	1	
		6624	12.23971	-28.27331	106.80000	0.00000	0.00000	1.74153	1	
		6625	14.23489	-28.27331	106.80000	0.00000	0.00000	1.62484	1	
		6626	16.23007	-28.27331	106.80000	0.00000	0.00000	1.50595	1	
		6627	18.22525	-28.27331	106.80000	0.00000	0.00000	1.38721	1	
		6628	20.22043	-28.27331	106.80000	0.00000	0.00000	1.26970	1	
		6629	22.21561	-28.27331	106.80000	0.00000	0.00000	1.15404	1	
		6630	24.21079	-28.27331	106.80000	0.00000	0.00000	1.04100	1	
		6631	26.20597	-28.27331	106.80000	0.00000	0.00000	0.93179	1	
		6632	28.20115	-28.27331	106.80000	0.00000	0.00000	0.82810	1	
		6633	30.19633	-28.27331	106.80000	0.00000	0.00000	0.73169	1	
		6634	32.19151	-28.27331	106.80000	0.00000	0.00000	0.64391	1	
		6635	34.18669	-28.27331	106.80000	0.00000	0.00000	0.56543	1	
		6636	36.18187	-28.27331	106.80000	0.00000	0.00000	0.49621	1	
		6637	38.17705	-28.27331	106.80000	0.00000	0.00000	0.43577	1	
		6638	40.17223	-28.27331	106.80000	0.00000	0.00000	0.38333	1	
		6639	42.16741	-28.27331	106.80000	0.00000	0.00000	0.33809	1	
		6640	44.16259	-28.27331	106.80000	0.00000	0.00000	0.29915	1	
		6641	46.15777	-28.27331	106.80000	0.00000	0.00000	0.26577	1	
		6642	48.15295	-28.27331	106.80000	0.00000	0.00000	0.23723	1	
		6643	50.14813	-28.27331	106.80000	0.00000	0.00000	0.21294	1	
		6644	52.14331	-28.27331	106.80000	0.00000	0.00000	0.19236	1	
		6645	54.13849	-28.27331	106.80000	0.00000	0.00000	0.17503	1	
		6646	56.13367	-28.27331	106.80000	0.00000	0.00000	0.16055	1	
		6647	58.12885	-28.27331	106.80000	0.00000	0.00000	0.14859	1	
		6648	60.12403	-28.27331	106.80000	0.00000	0.00000	0.13883	1	
		6649	62.11921	-28.27331	106.80000	0.00000	0.00000	0.13099	1	
		6650	64.11439	-28.27331	106.80000	0.00000	0.00000	0.12481	1	
		6651	66.10957	-28.27331	106.80000	0.00000	0.00000	0.12006	1	
		6652	68.10475	-28.27331	106.80000	0.00000	0.00000	0.11650	1	
		6653	70.09993	-28.27331	106.80000	0.00000	0.00000	0.11389	1	
		6654	72.09511	-28.27331	106.80000	0.00000	0.00000	0.11200	1	
		6655	74.09029	-28.27331	106.80000	0.00000	0.00000	0.11059	1	
		6656	76.08547	-28.27331	106.80000	0.00000	0.00000	0.10943	1	
		6657	78.08065	-28.27331	106.80000	0.00000	0.00000	0.10830	1	
		6658	80.07583	-28.27331	106.80000	0.00000	0.00000	0.10700	1	
		6659	82.07101	-28.27331	106.80000	0.00000	0.00000	0.10536	1	
		6660	84.06619	-28.27331	106.80000	0.00000	0.00000	0.10325	1	
		6661	86.06137	-28.27331	106.80000	0.00000	0.00000	0.10057	1	
		6662	88.05655	-28.27331	106.80000	0.00000	0.00000	0.09729	1	
		6663	90.05173	-28.27331	106.80000	0.00000	0.00000	0.09341	1	
		6664	92.04691	-28.27331	106.80000	0.00000	0.00000	0.08900	1	
		6665	94.04209	-28.27331	106.80000	0.00000	0.00000	0.08413	1	
		6666	96.03727	-28.27331	106.80000	0.00000	0.00000	0.07892	1	
		6667	98.03245	-28.27331	106.80000	0.00000	0.00000	0.07347	1	
		6668	100.02763	-28.27331	106.80000	0.00000	0.00000	0.06792	1	
		6669	102.02281	-28.27331	106.80000	0.00000	0.00000	0.06236	1	
		6670	104.01799	-28.27331	106.80000	0.00000	0.00000	0.05689	1	
		6671	106.01317	-28.27331	106.80000	0.00000	0.00000	0.05158	1	
		6672	108.00835	-28.27331	106.80000	0.00000	0.00000	0.04650	1	
		6673	110.00353	-28.27331	106.80000	0.00000	0.00000	0.04169	1	
		6674	111.99871	-28.27331	106.80000	0.00000	0.00000	0.03716	1	
		6675	113.99388	-28.27331	106.80000	0.00000	0.00000	0.03294	1	
		6676	115.98906	-28.27331	106.80000	0.00000	0.00000	0.02903	1	
		6677	117.98424	-28.27331	106.80000	0.00000	0.00000	0.02542	1	
		6678	119.97942	-28.27331	106.80000	0.00000	0.00000	0.02212	1	
		6679	121.97460	-28.27331	106.80000	0.00000	0.00000	0.01909	1	
		6680	123.96978	-28.27331	106.80000	0.00000	0.00000	0.01634	1	
		6681	125.96496	-28.27331	106.80000	0.00000	0.00000	0.01385	1	
		6682	127.96014	-28.27331	106.80000	0.00000	0.00000	0.01159	1	
		6683	129.95532	-28.27331	106.80000	0.00000	0.00000	0.00955	1	
		6684	131.95050	-28.27331	106.80000	0.00000	0.00000	0.00772	1	
		6685	133.94568	-28.27331	106.80000	0.00000	0.00000	0.00607	1	
		6686	135.94086	-28.27331	106.80000	0.00000	0.00000	0.00459	1	
		6687	137.93604	-28.27331	106.80000	0.00000	0.00000	0.00327	1	
		6688	139.93122	-28.27331	106.80000	0.00000	0.00000	0.00210	1	
		6689	141.92640	-28.27331	106.80000	0.00000	0.00000	0.00105	1	
		6690	143.92158	-28.27331	106.80000	0.00000	0.00000	0.00013	1	
		6691	145.91676	-28.27331	106.80000	0.00000	0.00000	-0.00069	1	
		6692	147.91194	-28.27331	106.80000	0.00000	0.00000	-0.00142	1	
		6693	149.90712	-28.27331	106.80000	0.00000	0.00000	-0.00205	1	
		6694	151.90230	-28.27331	106.80000	0.00000	0.00000	-0.00261	1	
		6695	153.89748	-28.27331	106.80000	0.00000	0.00000	-0.00310	1	
		6696	155.89266	-28.27331	106.80000	0.00000	0.00000	-0.00352	1	
		6697	157.88784	-28.27331	106.80000	0.00000	0.00000	-0.00389	1	
		6698	159.88302	-28.27331	106.					

Oasys								Job No.		Sheet No.		Rev.	
								Drg. Ref.					
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Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]					
		6719	-77.54338	-26.39856	106.80000	0.00000	0.00000	0.03635	1				
		6720	-75.54820	-26.39856	106.80000	0.00000	0.00000	0.04271	1				
		6721	-73.55302	-26.39856	106.80000	0.00000	0.00000	0.04995	1				
		6722	-71.55784	-26.39856	106.80000	0.00000	0.00000	0.05817	1				
		6723	-69.56266	-26.39856	106.80000	0.00000	0.00000	0.06751	1				
		6724	-67.56748	-26.39856	106.80000	0.00000	0.00000	0.07814	1				
		6725	-65.57230	-26.39856	106.80000	0.00000	0.00000	0.09024	1				
		6726	-63.57712	-26.39856	106.80000	0.00000	0.00000	0.10401	1				
		6727	-61.58194	-26.39856	106.80000	0.00000	0.00000	0.11971	1				
		6728	-59.58676	-26.39856	106.80000	0.00000	0.00000	0.13761	1				
		6729	-57.59158	-26.39856	106.80000	0.00000	0.00000	0.15805	1				
		6730	-55.59640	-26.39856	106.80000	0.00000	0.00000	0.18140	1				
		6731	-53.60122	-26.39856	106.80000	0.00000	0.00000	0.20813	1				
		6732	-51.60604	-26.39856	106.80000	0.00000	0.00000	0.23876	1				
		6733	-49.61086	-26.39856	106.80000	0.00000	0.00000	0.27394	1				
		6734	-47.61568	-26.39856	106.80000	0.00000	0.00000	0.31441	1				
		6735	-45.62050	-26.39856	106.80000	0.00000	0.00000	0.36107	1				
		6736	-43.62532	-26.39856	106.80000	0.00000	0.00000	0.41503	1				
		6737	-41.63014	-26.39856	106.80000	0.00000	0.00000	0.47759	1				
		6738	-39.63496	-26.39856	106.80000	0.00000	0.00000	0.55036	1				
		6739	-37.63978	-26.39856	106.80000	0.00000	0.00000	0.63527	1				
		6740	-35.64460	-26.39856	106.80000	0.00000	0.00000	0.73463	1				
		6741	-33.64942	-26.39856	106.80000	0.00000	0.00000	0.85108	1				
		6742	-31.65424	-26.39856	106.80000	0.00000	0.00000	0.98733	1				
		6743	-29.65906	-26.39856	106.80000	0.00000	0.00000	1.14541	1				
		6744	-27.66388	-26.39856	106.80000	0.00000	0.00000	1.32489	1				
		6745	-25.66871	-26.39856	106.80000	0.00000	0.00000	1.52018	1				
		6746	-23.67353	-26.39856	106.80000	0.00000	0.00000	1.71926	1				
		6747	-21.67835	-26.39856	106.80000	0.00000	0.00000	1.90857	1				
		6748	-19.68317	-26.39856	106.80000	0.00000	0.00000	2.08119	1				
		6749	-17.68799	-26.39856	106.80000	0.00000	0.00000	2.23598	1				
		6750	-15.69281	-26.39856	106.80000	0.00000	0.00000	2.37057	1				
		6751	-13.69763	-26.39856	106.80000	0.00000	0.00000	2.48177	1				
		6752	-11.70245	-26.39856	106.80000	0.00000	0.00000	2.56931	1				
		6753	-9.70727	-26.39856	106.80000	0.00000	0.00000	2.63507	1				
		6754	-7.71209	-26.39856	106.80000	0.00000	0.00000	2.68110	1				
		6755	-5.71691	-26.39856	106.80000	0.00000	0.00000	2.70896	1				
		6756	-3.72173	-26.39856	106.80000	0.00000	0.00000	2.71955	1				
		6757	-1.72655	-26.39856	106.80000	0.00000	0.00000	2.71315	1				
		6758	0.26863	-26.39856	106.80000	0.00000	0.00000	2.68942	1				
		6759	2.26381	-26.39856	106.80000	0.00000	0.00000	2.64734	1				
		6760	4.25899	-26.39856	106.80000	0.00000	0.00000	2.58515	1				
		6761	6.25417	-26.39856	106.80000	0.00000	0.00000	2.50044	1				
		6762	8.24935	-26.39856	106.80000	0.00000	0.00000	2.39105	1				
		6763	10.24453	-26.39856	106.80000	0.00000	0.00000	2.25768	1				
		6764	12.23971	-26.39856	106.80000	0.00000	0.00000	2.10745	1				
		6765	14.23489	-26.39856	106.80000	0.00000	0.00000	1.95146	1				
		6766	16.23007	-26.39856	106.80000	0.00000	0.00000	1.79704	1				
		6767	18.22525	-26.39856	106.80000	0.00000	0.00000	1.64628	1				
		6768	20.22043	-26.39856	106.80000	0.00000	0.00000	1.49900	1				
		6769	22.21561	-26.39856	106.80000	0.00000	0.00000	1.35469	1				
		6770	24.21079	-26.39856	106.80000	0.00000	0.00000	1.21347	1				
		6771	26.20597	-26.39856	106.80000	0.00000	0.00000	1.07667	1				
		6772	28.20115	-26.39856	106.80000	0.00000	0.00000	0.94697	1				
		6773	30.19633	-26.39856	106.80000	0.00000	0.00000	0.82742	1				
		6774	32.19151	-26.39856	106.80000	0.00000	0.00000	0.72021	1				
		6775	34.18669	-26.39856	106.80000	0.00000	0.00000	0.62610	1				
		6776	36.18187	-26.39856	106.80000	0.00000	0.00000	0.54465	1				
		6777	38.17705	-26.39856	106.80000	0.00000	0.00000	0.47476	1				
		6778	40.17223	-26.39856	106.80000	0.00000	0.00000	0.41507	1				
		6779	42.16741	-26.39856	106.80000	0.00000	0.00000	0.36422	1				
		6780	44.16259	-26.39856	106.80000	0.00000	0.00000	0.32100	1				
		6781	46.15777	-26.39856	106.80000	0.00000	0.00000	0.28431	1				
		6782	48.15295	-26.39856	106.80000	0.00000	0.00000	0.25325	1				
		6783	50.14813	-26.39856	106.80000	0.00000	0.00000	0.22704	1				
		6784	52.14331	-26.39856	106.80000	0.00000	0.00000	0.20503	1				
		6785	54.13849	-26.39856	106.80000	0.00000	0.00000	0.18668	1				
		6786	56.13367	-26.39856	106.80000	0.00000	0.00000	0.17152	1				
		6787	58.12885	-26.39856	106.80000	0.00000	0.00000	0.15916	1				
		6788	60.12403	-26.39856	106.80000	0.00000	0.00000	0.14926	1				
		6789	62.11921	-26.39856	106.80000	0.00000	0.00000	0.14150	1				
		6790	64.11439	-26.39856	106.80000	0.00000	0.00000	0.13560	1				
		6791	66.10957	-26.39856	106.80000	0.00000	0.00000	0.13129	1				
		6792	68.10475	-26.39856	106.80000	0.00000	0.00000	0.12832	1				
		6793	70.09993	-26.39856	106.80000	0.00000	0.00000	0.12641	1				
		6794	72.09511	-26.39856	106.80000	0.00000	0.00000	0.12529	1				
		6795	74.09029	-26.39856	106.80000	0.00000	0.00000	0.12468	1				
		6796	76.08547	-26.39856	106.80000	0.00000	0.00000	0.12429	1				
		6797	78.08065	-26.39856	106.80000	0.00000	0.00000	0.12384	1				
		6798	80.07583	-26.39856	106.80000	0.00000	0.00000	0.12308	1				
		6799	82.07101	-26.39856	106.80000	0.00000	0.00000	0.12179	1				
		6800	84.06619	-26.39856	106.80000	0.00000	0.00000	0.11980	1				
		6801	86.06137	-26.39856	106.80000	0.00000	0.00000	0.11699	1				
		6802	88.05655	-26.39856	106.80000	0.00000	0.00000	0.11335	1				
		6803	90.05173	-26.39856	106.80000	0.00000	0.00000	0.10888	1				
		6804	92.04691	-26.39856	106.80000	0.00000	0.00000	0.10367	1				
		6805	94.04209	-26.39856	106.80000	0.0							

Oasys								Job No.		Sheet No.		Rev.	
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Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]					
		6849	181.83000	-26.39856	106.80000	0.00000	0.00000	-0.00546	1				
		6850	-95.50000	-24.52381	106.80000	0.00000	0.00000	0.00494	1				
		6851	-93.50482	-24.52381	106.80000	0.00000	0.00000	0.00700	1				
		6852	-91.50964	-24.52381	106.80000	0.00000	0.00000	0.00935	1				
		6853	-89.51446	-24.52381	106.80000	0.00000	0.00000	0.01204	1				
		6854	-87.51928	-24.52381	106.80000	0.00000	0.00000	0.01509	1				
		6855	-85.52410	-24.52381	106.80000	0.00000	0.00000	0.01858	1				
		6856	-83.52892	-24.52381	106.80000	0.00000	0.00000	0.02254	1				
		6857	-81.53374	-24.52381	106.80000	0.00000	0.00000	0.02705	1				
		6858	-79.53856	-24.52381	106.80000	0.00000	0.00000	0.03218	1				
		6859	-77.54338	-24.52381	106.80000	0.00000	0.00000	0.03802	1				
		6860	-75.54820	-24.52381	106.80000	0.00000	0.00000	0.04466	1				
		6861	-73.55302	-24.52381	106.80000	0.00000	0.00000	0.05222	1				
		6862	-71.55784	-24.52381	106.80000	0.00000	0.00000	0.06083	1				
		6863	-69.56266	-24.52381	106.80000	0.00000	0.00000	0.07063	1				
		6864	-67.56748	-24.52381	106.80000	0.00000	0.00000	0.08180	1				
		6865	-65.57230	-24.52381	106.80000	0.00000	0.00000	0.09454	1				
		6866	-63.57712	-24.52381	106.80000	0.00000	0.00000	0.10907	1				
		6867	-61.58194	-24.52381	106.80000	0.00000	0.00000	0.12567	1				
		6868	-59.58676	-24.52381	106.80000	0.00000	0.00000	0.14465	1				
		6869	-57.59158	-24.52381	106.80000	0.00000	0.00000	0.16638	1				
		6870	-55.59640	-24.52381	106.80000	0.00000	0.00000	0.19130	1				
		6871	-53.60122	-24.52381	106.80000	0.00000	0.00000	0.21991	1				
		6872	-51.60604	-24.52381	106.80000	0.00000	0.00000	0.25285	1				
		6873	-49.61086	-24.52381	106.80000	0.00000	0.00000	0.29085	1				
		6874	-47.61568	-24.52381	106.80000	0.00000	0.00000	0.33481	1				
		6875	-45.62050	-24.52381	106.80000	0.00000	0.00000	0.38582	1				
		6876	-43.62532	-24.52381	106.80000	0.00000	0.00000	0.44525	1				
		6877	-41.63014	-24.52381	106.80000	0.00000	0.00000	0.51479	1				
		6878	-39.63496	-24.52381	106.80000	0.00000	0.00000	0.59660	1				
		6879	-37.63978	-24.52381	106.80000	0.00000	0.00000	0.69344	1				
		6880	-35.64460	-24.52381	106.80000	0.00000	0.00000	0.80886	1				
		6881	-33.64942	-24.52381	106.80000	0.00000	0.00000	0.94746	1				
		6882	-31.65424	-24.52381	106.80000	0.00000	0.00000	1.11500	1				
		6883	-29.65906	-24.52381	106.80000	0.00000	0.00000	1.31793	1				
		6884	-27.66388	-24.52381	106.80000	0.00000	0.00000	1.56077	1				
		6885	-25.66871	-24.52381	106.80000	0.00000	0.00000	1.83854	1				
		6886	-23.67353	-24.52381	106.80000	0.00000	0.00000	2.12592	1				
		6887	-21.67835	-24.52381	106.80000	0.00000	0.00000	2.38698	1				
		6888	-19.68317	-24.52381	106.80000	0.00000	0.00000	2.61431	1				
		6889	-17.68799	-24.52381	106.80000	0.00000	0.00000	2.82147	1				
		6890	-15.69281	-24.52381	106.80000	0.00000	0.00000	3.00305	1				
		6891	-13.69763	-24.52381	106.80000	0.00000	0.00000	3.14651	1				
		6892	-11.70245	-24.52381	106.80000	0.00000	0.00000	3.25427	1				
		6893	-9.70727	-24.52381	106.80000	0.00000	0.00000	3.33280	1				
		6894	-7.71209	-24.52381	106.80000	0.00000	0.00000	3.38680	1				
		6895	-5.71691	-24.52381	106.80000	0.00000	0.00000	3.41906	1				
		6896	-3.72173	-24.52381	106.80000	0.00000	0.00000	3.43105	1				
		6897	-1.72655	-24.52381	106.80000	0.00000	0.00000	3.42320	1				
		6898	0.26863	-24.52381	106.80000	0.00000	0.00000	3.39495	1				
		6899	2.26381	-24.52381	106.80000	0.00000	0.00000	3.34456	1				
		6900	4.25899	-24.52381	106.80000	0.00000	0.00000	3.26872	1				
		6901	6.25417	-24.52381	106.80000	0.00000	0.00000	3.16176	1				
		6902	8.24935	-24.52381	106.80000	0.00000	0.00000	3.01534	1				
		6903	10.24453	-24.52381	106.80000	0.00000	0.00000	2.82338	1				
		6904	12.23971	-24.52381	106.80000	0.00000	0.00000	2.60045	1				
		6905	14.23489	-24.52381	106.80000	0.00000	0.00000	2.37970	1				
		6906	16.23007	-24.52381	106.80000	0.00000	0.00000	2.17392	1				
		6907	18.22525	-24.52381	106.80000	0.00000	0.00000	1.97989	1				
		6908	20.22043	-24.52381	106.80000	0.00000	0.00000	1.79341	1				
		6909	22.21561	-24.52381	106.80000	0.00000	0.00000	1.61142	1				
		6910	24.21079	-24.52381	106.80000	0.00000	0.00000	1.43209	1				
		6911	26.20597	-24.52381	106.80000	0.00000	0.00000	1.25660	1				
		6912	28.20115	-24.52381	106.80000	0.00000	0.00000	1.08992	1				
		6913	30.19633	-24.52381	106.80000	0.00000	0.00000	0.93820	1				
		6914	32.19151	-24.52381	106.80000	0.00000	0.00000	0.80523	1				
		6915	34.18669	-24.52381	106.80000	0.00000	0.00000	0.69152	1				
		6916	36.18187	-24.52381	106.80000	0.00000	0.00000	0.59551	1				
		6917	38.17705	-24.52381	106.80000	0.00000	0.00000	0.51487	1				
		6918	40.17223	-24.52381	106.80000	0.00000	0.00000	0.44722	1				
		6919	42.16741	-24.52381	106.80000	0.00000	0.00000	0.39043	1				
		6920	44.16259	-24.52381	106.80000	0.00000	0.00000	0.34275	1				
		6921	46.15777	-24.52381	106.80000	0.00000	0.00000	0.30271	1				
		6922	48.15295	-24.52381	106.80000	0.00000	0.00000	0.26912	1				
		6923	50.14813	-24.52381	106.80000	0.00000	0.00000	0.24104	1				
		6924	52.14331	-24.52381	106.80000	0.00000	0.00000	0.21767	1				
		6925	54.13849	-24.52381	106.80000	0.00000	0.00000	0.19839	1				
		6926	56.13367	-24.52381	106.80000	0.00000	0.00000	0.18265	1				
		6927	58.12885	-24.52381	106.80000	0.00000	0.00000	0.17002	1				
		6928	60.12403	-24.52381	106.80000	0.00000	0.00000	0.16011	1				
		6929	62.11921	-24.52381	106.80000	0.00000	0.0000						

Oasys								Job No.	Sheet No.	Rev.
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								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		6979	161.87820	-24.52381	106.80000	0.00000	0.00000	-0.00417	1	
		6980	163.87338	-24.52381	106.80000	0.00000	0.00000	-0.00444	1	
		6981	165.86856	-24.52381	106.80000	0.00000	0.00000	-0.00467	1	
		6982	167.86374	-24.52381	106.80000	0.00000	0.00000	-0.00486	1	
		6983	169.85892	-24.52381	106.80000	0.00000	0.00000	-0.00501	1	
		6984	171.85410	-24.52381	106.80000	0.00000	0.00000	-0.00514	1	
		6985	173.84928	-24.52381	106.80000	0.00000	0.00000	-0.00524	1	
		6986	175.84446	-24.52381	106.80000	0.00000	0.00000	-0.00532	1	
		6987	177.83964	-24.52381	106.80000	0.00000	0.00000	-0.00538	1	
		6988	179.83482	-24.52381	106.80000	0.00000	0.00000	-0.00542	1	
		6989	181.83000	-24.52381	106.80000	0.00000	0.00000	-0.00544	1	
		6990	-95.50000	-22.64906	106.80000	0.00000	0.00000	0.00533	1	
		6991	-93.50482	-22.64906	106.80000	0.00000	0.00000	0.00746	1	
		6992	-91.50964	-22.64906	106.80000	0.00000	0.00000	0.00989	1	
		6993	-89.51446	-22.64906	106.80000	0.00000	0.00000	0.01267	1	
		6994	-87.51928	-22.64906	106.80000	0.00000	0.00000	0.01583	1	
		6995	-85.52410	-22.64906	106.80000	0.00000	0.00000	0.01943	1	
		6996	-83.52892	-22.64906	106.80000	0.00000	0.00000	0.02354	1	
		6997	-81.53374	-22.64906	106.80000	0.00000	0.00000	0.02821	1	
		6998	-79.53856	-22.64906	106.80000	0.00000	0.00000	0.03354	1	
		6999	-77.54338	-22.64906	106.80000	0.00000	0.00000	0.03961	1	
		7000	-75.54820	-22.64906	106.80000	0.00000	0.00000	0.04652	1	
		7001	-73.55302	-22.64906	106.80000	0.00000	0.00000	0.05439	1	
		7002	-71.55784	-22.64906	106.80000	0.00000	0.00000	0.06337	1	
		7003	-69.56266	-22.64906	106.80000	0.00000	0.00000	0.07361	1	
		7004	-67.56748	-22.64906	106.80000	0.00000	0.00000	0.08530	1	
		7005	-65.57230	-22.64906	106.80000	0.00000	0.00000	0.09865	1	
		7006	-63.57712	-22.64906	106.80000	0.00000	0.00000	0.11391	1	
		7007	-61.58194	-22.64906	106.80000	0.00000	0.00000	0.13139	1	
		7008	-59.58676	-22.64906	106.80000	0.00000	0.00000	0.15141	1	
		7009	-57.59158	-22.64906	106.80000	0.00000	0.00000	0.17441	1	
		7010	-55.59640	-22.64906	106.80000	0.00000	0.00000	0.20085	1	
		7011	-53.60122	-22.64906	106.80000	0.00000	0.00000	0.23132	1	
		7012	-51.60604	-22.64906	106.80000	0.00000	0.00000	0.26652	1	
		7013	-49.61086	-22.64906	106.80000	0.00000	0.00000	0.30730	1	
		7014	-47.61568	-22.64906	106.80000	0.00000	0.00000	0.35472	1	
		7015	-45.62050	-22.64906	106.80000	0.00000	0.00000	0.41006	1	
		7016	-43.62532	-22.64906	106.80000	0.00000	0.00000	0.47499	1	
		7017	-41.63014	-22.64906	106.80000	0.00000	0.00000	0.55161	1	
		7018	-39.63496	-22.64906	106.80000	0.00000	0.00000	0.64271	1	
		7019	-37.63978	-22.64906	106.80000	0.00000	0.00000	0.75202	1	
		7020	-35.64460	-22.64906	106.80000	0.00000	0.00000	0.88467	1	
		7021	-33.64942	-22.64906	106.80000	0.00000	0.00000	1.04801	1	
		7022	-31.65424	-22.64906	106.80000	0.00000	0.00000	1.25280	1	
		7023	-29.65906	-22.64906	106.80000	0.00000	0.00000	1.51504	1	
		7024	-27.66388	-22.64906	106.80000	0.00000	0.00000	1.85655	1	
		7025	-25.66871	-22.64906	106.80000	0.00000	0.00000	2.29303	1	
		7026	-23.67353	-22.64906	106.80000	0.00000	0.00000	2.77808	1	
		7027	-21.67835	-22.64906	106.80000	0.00000	0.00000	3.15382	1	
		7028	-19.68317	-22.64906	106.80000	0.00000	0.00000	3.43450	1	
		7029	-17.68799	-22.64906	106.80000	0.00000	0.00000	3.61588	1	
		7030	-15.69281	-22.64906	106.80000	0.00000	0.00000	4.03250	1	
		7031	-13.69763	-22.64906	106.80000	0.00000	0.00000	4.22307	1	
		7032	-11.70245	-22.64906	106.80000	0.00000	0.00000	4.35401	1	
		7033	-9.70727	-22.64906	106.80000	0.00000	0.00000	4.44616	1	
		7034	-7.71209	-22.64906	106.80000	0.00000	0.00000	4.50846	1	
		7035	-5.71691	-22.64906	106.80000	0.00000	0.00000	4.54528	1	
		7036	-3.72173	-22.64906	106.80000	0.00000	0.00000	4.55871	1	
		7037	-1.72655	-22.64906	106.80000	0.00000	0.00000	4.54933	1	
		7038	0.26863	-22.64906	106.80000	0.00000	0.00000	4.51637	1	
		7039	2.26381	-22.64906	106.80000	0.00000	0.00000	4.45732	1	
		7040	4.25899	-22.64906	106.80000	0.00000	0.00000	4.36696	1	
		7041	6.25417	-22.64906	106.80000	0.00000	0.00000	4.23455	1	
		7042	8.24935	-22.64906	106.80000	0.00000	0.00000	4.03672	1	
		7043	10.24453	-22.64906	106.80000	0.00000	0.00000	3.72423	1	
		7044	12.23971	-22.64906	106.80000	0.00000	0.00000	3.30857	1	
		7045	14.23489	-22.64906	106.80000	0.00000	0.00000	2.96469	1	
		7046	16.23007	-22.64906	106.80000	0.00000	0.00000	2.68351	1	
		7047	18.22525	-22.64906	106.80000	0.00000	0.00000	2.42925	1	
		7048	20.22043	-22.64906	106.80000	0.00000	0.00000	2.18970	1	
		7049	22.21561	-22.64906	106.80000	0.00000	0.00000	1.95746	1	
		7050	24.21079	-22.64906	106.80000	0.00000	0.00000	1.72470	1	
		7051	26.20597	-22.64906	106.80000	0.00000	0.00000	1.49066	1	
		7052	28.20115	-22.64906	106.80000	0.00000	0.00000	1.26648	1	
		7053	30.19633	-22.64906	106.80000	0.00000	0.00000	1.06704	1	
		7054	32.19151	-22.64906	106.80000	0.00000	0.00000	0.89896	1	
		7055	34.18669	-22.64906	106.80000	0.00000	0.00000	0.76071	1	
		7056	36.18187	-22.64906	106.80000	0.00000	0.00000	0.64771	1	
		7057	38.17705	-22.64906	106.80000	0.00000	0.00000	0.55516	1	
		7058	40.17223	-22.64906	106.80000	0.00000	0.00000	0.47904	1	
		7059	42.16741	-22.64906	106.80000	0.00000	0.00000	0.41613	1	
		7060	44.16259	-22.64906	106.80000	0.00000	0.00000	0.36396	1	
		7061	46.15777	-22.64906	106.80000	0.00000	0.00000	0.32061	1	
		7062	48.15295	-22.64906	106.80000	0.00000	0.00000	0.28460	1	
		7063	50.14813	-22.64906	106.80000	0.00000	0.00000	0.25474	1	
		7064	52.14331	-22.64906	106.80000	0.00000	0.00000	0.23014	1	
		7065	54.13849	-22.64906	106.80000	0.00000	0.00000	0.21004	1	
		7066	56.13367	-22.64906	106.80000	0.00000	0.00000	0.19386	1	
		7067	58.12885	-22.64906	106.80000	0.00000	0.00000	0.18111	1	
		7068	60.12403	-22.64906	106.80000	0.00000	0.00000	0.17138	1	
		7069	62.11921	-22.64906	106.80000	0.00000	0.00000	0.16431	1	
		7070	64.11439	-22.64906	106.80000	0.00000	0.00000	0.15960	1	
		7071	66.10957	-22.64906	106.80000	0.00000	0.00000	0.15693	1	
		7072	68.10475	-22.64906	106.80000	0.00000	0.00000	0.15599	1	
		7073	70.09993	-22.64906	106.80000	0.00000	0.00000	0.15645	1	
		7074	72.09511	-22.64906	106.80000	0.00000	0.00000	0.15795	1	
		7075	74.09029	-22.64906	106.80000	0.00000	0.00000	0.16005	1	
		7076	76.08547	-22.64906	106.80000	0.00000	0.00000	0.16232	1	
		7077	78.08065	-22.64906	106.80000	0.00000	0.00000	0.16426	1	
		7078	80.07583	-22.64906	106.80000	0.00000	0.00000	0.16545	1	
		7079	82.07101	-22.64906	106.80000	0.00000	0.00000	0.16547	1	
		7080	84.06619	-22.64906	106.80000	0.00000	0.00000	0.16404	1	
		7081	86.06137	-22.64906	106.80000	0.00000	0.00000	0.16098	1	
		7082	88.05655	-22.64906	106.80000	0.00000	0.00000	0.15626	1	
		7083	90.05173	-22.64906	106.80000	0.00000	0.00000	0.14996	1	
		7084	92.04691	-22.64906	106.80000	0.00000	0.00000	0.14231	1	
		7085	94.04209	-22.64906	106.80000	0.00000	0.00000	0.13359	1	
		7086	96.03727	-22.64906	106.80000	0.00000	0.00000	0.12415	1	
		7087	98.03245	-22.64906	106.80000	0.00000	0.00000	0.11433	1	
		7088	100.02763	-22.64906	106.80000	0.00000				

Oasys								Job No.	Sheet No.	Rev.
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								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		7109	141.92640	-22.64906	106.80000	0.00000	0.00000	0.00303	1	
		7110	143.92158	-22.64906	106.80000	0.00000	0.00000	0.00184	1	
		7111	145.91676	-22.64906	106.80000	0.00000	0.00000	0.00079	1	
		7112	147.91194	-22.64906	106.80000	0.00000	0.00000	-0.00013	1	
		7113	149.90712	-22.64906	106.80000	0.00000	0.00000	-0.00094	1	
		7114	151.90230	-22.64906	106.80000	0.00000	0.00000	-0.00165	1	
		7115	153.89748	-22.64906	106.80000	0.00000	0.00000	-0.00226	1	
		7116	155.89266	-22.64906	106.80000	0.00000	0.00000	-0.00280	1	
		7117	157.88784	-22.64906	106.80000	0.00000	0.00000	-0.00327	1	
		7118	159.88302	-22.64906	106.80000	0.00000	0.00000	-0.00367	1	
		7119	161.87820	-22.64906	106.80000	0.00000	0.00000	-0.00401	1	
		7120	163.87338	-22.64906	106.80000	0.00000	0.00000	-0.00430	1	
		7121	165.86856	-22.64906	106.80000	0.00000	0.00000	-0.00455	1	
		7122	167.86374	-22.64906	106.80000	0.00000	0.00000	-0.00476	1	
		7123	169.85892	-22.64906	106.80000	0.00000	0.00000	-0.00493	1	
		7124	171.85410	-22.64906	106.80000	0.00000	0.00000	-0.00507	1	
		7125	173.84928	-22.64906	106.80000	0.00000	0.00000	-0.00518	1	
		7126	175.84446	-22.64906	106.80000	0.00000	0.00000	-0.00527	1	
		7127	177.83964	-22.64906	106.80000	0.00000	0.00000	-0.00534	1	
		7128	179.83482	-22.64906	106.80000	0.00000	0.00000	-0.00538	1	
		7129	181.83000	-22.64906	106.80000	0.00000	0.00000	-0.00541	1	
		7130	-95.50000	-20.77432	106.80000	0.00000	0.00000	0.00570	1	
		7131	-93.50482	-20.77432	106.80000	0.00000	0.00000	0.00789	1	
		7132	-91.50964	-20.77432	106.80000	0.00000	0.00000	0.01040	1	
		7133	-89.51446	-20.77432	106.80000	0.00000	0.00000	0.01325	1	
		7134	-87.51928	-20.77432	106.80000	0.00000	0.00000	0.01651	1	
		7135	-85.52410	-20.77432	106.80000	0.00000	0.00000	0.02023	1	
		7136	-83.52892	-20.77432	106.80000	0.00000	0.00000	0.02447	1	
		7137	-81.53374	-20.77432	106.80000	0.00000	0.00000	0.02930	1	
		7138	-79.53856	-20.77432	106.80000	0.00000	0.00000	0.03481	1	
		7139	-77.54338	-20.77432	106.80000	0.00000	0.00000	0.04109	1	
		7140	-75.54820	-20.77432	106.80000	0.00000	0.00000	0.04826	1	
		7141	-73.55302	-20.77432	106.80000	0.00000	0.00000	0.05643	1	
		7142	-71.55784	-20.77432	106.80000	0.00000	0.00000	0.06575	1	
		7143	-69.56266	-20.77432	106.80000	0.00000	0.00000	0.07641	1	
		7144	-67.56748	-20.77432	106.80000	0.00000	0.00000	0.08859	1	
		7145	-65.57230	-20.77432	106.80000	0.00000	0.00000	0.10252	1	
		7146	-63.57712	-20.77432	106.80000	0.00000	0.00000	0.11849	1	
		7147	-61.58194	-20.77432	106.80000	0.00000	0.00000	0.13680	1	
		7148	-59.58676	-20.77432	106.80000	0.00000	0.00000	0.15782	1	
		7149	-57.59158	-20.77432	106.80000	0.00000	0.00000	0.18202	1	
		7150	-55.59640	-20.77432	106.80000	0.00000	0.00000	0.20993	1	
		7151	-53.60122	-20.77432	106.80000	0.00000	0.00000	0.24218	1	
		7152	-51.60604	-20.77432	106.80000	0.00000	0.00000	0.27956	1	
		7153	-49.61086	-20.77432	106.80000	0.00000	0.00000	0.32303	1	
		7154	-47.61568	-20.77432	106.80000	0.00000	0.00000	0.37279	1	
		7155	-45.62050	-20.77432	106.80000	0.00000	0.00000	0.43335	1	
		7156	-43.62532	-20.77432	106.80000	0.00000	0.00000	0.50364	1	
		7157	-41.63014	-20.77432	106.80000	0.00000	0.00000	0.58720	1	
		7158	-39.63496	-20.77432	106.80000	0.00000	0.00000	0.68747	1	
		7159	-37.63978	-20.77432	106.80000	0.00000	0.00000	0.80920	1	
		7160	-35.64460	-20.77432	106.80000	0.00000	0.00000	0.95931	1	
		7161	-33.64942	-20.77432	106.80000	0.00000	0.00000	1.14839	1	
		7162	-31.65424	-20.77432	106.80000	0.00000	0.00000	1.39397	1	
		7163	-29.65906	-20.77432	106.80000	0.00000	0.00000	1.72849	1	
		7164	-27.66388	-20.77432	106.80000	0.00000	0.00000	2.16288	1	
		7165	-25.66871	-20.77432	106.80000	0.00000	0.00000	3.04325	1	
		7166	-23.67353	-20.77432	106.80000	0.00000	0.00000	4.90082	1	
		7167	-21.67835	-20.77432	106.80000	0.00000	0.00000	5.13823	1	
		7168	-19.68317	-20.77432	106.80000	0.00000	0.00000	5.06301	1	
		7169	-17.68799	-20.77432	106.80000	0.00000	0.00000	5.3021	1	
		7170	-15.69281	-20.77432	106.80000	0.00000	0.00000	7.02712	1	
		7171	-13.69763	-20.77432	106.80000	0.00000	0.00000	7.26651	1	
		7172	-11.70245	-20.77432	106.80000	0.00000	0.00000	7.41858	1	
		7173	-9.70727	-20.77432	106.80000	0.00000	0.00000	7.52363	1	
		7174	-7.71209	-20.77432	106.80000	0.00000	0.00000	7.59402	1	
		7175	-5.71691	-20.77432	106.80000	0.00000	0.00000	7.63533	1	
		7176	-3.72173	-20.77432	106.80000	0.00000	0.00000	7.65016	1	
		7177	-1.72655	-20.77432	106.80000	0.00000	0.00000	7.63925	1	
		7178	0.26863	-20.77432	106.80000	0.00000	0.00000	7.60164	1	
		7179	2.26381	-20.77432	106.80000	0.00000	0.00000	7.53427	1	
		7180	4.25899	-20.77432	106.80000	0.00000	0.00000	7.43040	1	
		7181	6.25417	-20.77432	106.80000	0.00000	0.00000	7.27483	1	
		7182	8.24935	-20.77432	106.80000	0.00000	0.00000	7.02451	1	
		7183	10.24453	-20.77432	106.80000	0.00000	0.00000	6.46433	1	
		7184	12.23971	-20.77432	106.80000	0.00000	0.00000	5.93133	1	
		7185	14.23489	-20.77432	106.80000	0.00000	0.00000	5.33055	1	
		7186	16.23007	-20.77432	106.80000	0.00000	0.00000	4.43746	1	
		7187	18.22525	-20.77432	106.80000	0.00000	0.00000	3.08665	1	
		7188	20.22043	-20.77432	106.80000	0.00000	0.00000	2.76721	1	
		7189	22.21561	-20.77432	106.80000	0.00000	0.00000	2.46813	1	
		7190	24.21079	-20.77432	106.80000	0.00000	0.00000	2.15756	1	
		7191	26.20597	-20.77432	106.80000	0.00000	0.00000	1.82209	1	
		7192	28.20115	-20.77432	106.80000	0.00000	0.00000	1.49281	1	
		7193	30.19633	-20.77432	106.80000	0.00000	0.00000	1.21613	1	
		7194	32.19151	-20.77432	106.80000	0.00000	0.00000	0.99961	1	
		7195	34.18669	-20.77432	106.80000	0.00000	0.00000	0.83144	1	
		7196	36.18187	-20.77432	106.80000	0.00000	0.00000	0.69938	1	
		7197	38.17705	-20.77432	106.80000	0.00000	0.00000	0.59427	1	
		7198	40.17223	-20.77432	106.80000	0.00000	0.00000	0.50956	1	
		7199	42.16741	-20.77432	106.80000	0.00000	0.00000	0.44063	1	
		7200	44.16259	-20.77432	106.80000	0.00000	0.00000	0.38414	1	
		7201	46.15777	-20.77432	106.80000	0.00000	0.00000	0.33767	1	
		7202	48.15295	-20.77432	106.80000	0.00000	0.00000	0.29940	1	
		7203	50.14813	-20.77432	106.80000	0.00000	0.00000	0.26795	1	
		7204	52.14331	-20.77432	106.80000	0.00000	0.00000	0.24226	1	
		7205	54.13849	-20.77432	106.80000	0.00000	0.00000	0.22152	1	
		7206	56.13367	-20.77432	106.80000	0.00000	0.00000	0.20506	1	
		7207	58.12885	-20.77432	106.80000	0.00000	0.00000	0.19237	1	
		7208	60.12403	-20.77432	106.80000	0.00000	0.00000	0.18302	1	
		7209	62.11921	-20.77432	106.80000	0.00000	0.00000	0.17665	1	
		7210	64.11439	-20.77432	106.80000	0.00000	0.00000	0.17293	1	
		7211	66.10957	-20.77432	106.80000	0.00000	0.00000	0.17156	1	
		7212	68.10475	-20.77432	106.80000	0.00000	0.00000	0.17223	1	
		7213	70.09993	-20.77432	106.80000	0.00000	0.00000	0.17458	1	
		7214	72.09511	-20.77432	106.80000	0.00000	0.00000	0.17818	1	
		7215	74.09029	-20.77432	106.80000	0.00000	0.00000	0.18251	1	
		7216	76.08547	-20.77432	106.80000	0.00000	0.00000	0.18699	1	
		7217	78.08065	-20.77432	106.80000	0.00000	0.00000	0.19098	1	
		7218	80.07583	-20.77432	106.80000	0				

								Job No.	Sheet No.	Rev.
								Drg. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		7239	121.97460	-20.77432	106.80000	0.00000	0.00000	0.03031	1	
		7240	123.96978	-20.77432	106.80000	0.00000	0.00000	0.02605	1	
		7241	125.96496	-20.77432	106.80000	0.00000	0.00000	0.02225	1	
		7242	127.96014	-20.77432	106.80000	0.00000	0.00000	0.01887	1	
		7243	129.95532	-20.77432	106.80000	0.00000	0.00000	0.01586	1	
		7244	131.95050	-20.77432	106.80000	0.00000	0.00000	0.01318	1	
		7245	133.94568	-20.77432	106.80000	0.00000	0.00000	0.01081	1	
		7246	135.94086	-20.77432	106.80000	0.00000	0.00000	0.00870	1	
		7247	137.93604	-20.77432	106.80000	0.00000	0.00000	0.00683	1	
		7248	139.93122	-20.77432	106.80000	0.00000	0.00000	0.00518	1	
		7249	141.92640	-20.77432	106.80000	0.00000	0.00000	0.00373	1	
		7250	143.92158	-20.77432	106.80000	0.00000	0.00000	0.00244	1	
		7251	145.91676	-20.77432	106.80000	0.00000	0.00000	0.00131	1	
		7252	147.91194	-20.77432	106.80000	0.00000	0.00000	0.00032	1	
		7253	149.90712	-20.77432	106.80000	0.00000	0.00000	-0.00055	1	
		7254	151.90230	-20.77432	106.80000	0.00000	0.00000	-0.00131	1	
		7255	153.89748	-20.77432	106.80000	0.00000	0.00000	-0.00198	1	
		7256	155.89266	-20.77432	106.80000	0.00000	0.00000	-0.00255	1	
		7257	157.88784	-20.77432	106.80000	0.00000	0.00000	-0.00305	1	
		7258	159.88302	-20.77432	106.80000	0.00000	0.00000	-0.00348	1	
		7259	161.87820	-20.77432	106.80000	0.00000	0.00000	-0.00385	1	
		7260	163.87338	-20.77432	106.80000	0.00000	0.00000	-0.00417	1	
		7261	165.86856	-20.77432	106.80000	0.00000	0.00000	-0.00444	1	
		7262	167.86374	-20.77432	106.80000	0.00000	0.00000	-0.00466	1	
		7263	169.85892	-20.77432	106.80000	0.00000	0.00000	-0.00485	1	
		7264	171.85410	-20.77432	106.80000	0.00000	0.00000	-0.00500	1	
		7265	173.84928	-20.77432	106.80000	0.00000	0.00000	-0.00512	1	
		7266	175.84446	-20.77432	106.80000	0.00000	0.00000	-0.00522	1	
		7267	177.83964	-20.77432	106.80000	0.00000	0.00000	-0.00529	1	
		7268	179.83482	-20.77432	106.80000	0.00000	0.00000	-0.00535	1	
		7269	181.83000	-20.77432	106.80000	0.00000	0.00000	-0.00538	1	
		7270	-95.50000	-18.89957	106.80000	0.00000	0.00000	0.00604	1	
		7271	-93.50482	-18.89957	106.80000	0.00000	0.00000	0.00829	1	
		7272	-91.50964	-18.89957	106.80000	0.00000	0.00000	0.01086	1	
		7273	-89.51446	-18.89957	106.80000	0.00000	0.00000	0.01379	1	
		7274	-87.51928	-18.89957	106.80000	0.00000	0.00000	0.01715	1	
		7275	-85.52410	-18.89957	106.80000	0.00000	0.00000	0.02097	1	
		7276	-83.52892	-18.89957	106.80000	0.00000	0.00000	0.02533	1	
		7277	-81.53374	-18.89957	106.80000	0.00000	0.00000	0.03031	1	
		7278	-79.53856	-18.89957	106.80000	0.00000	0.00000	0.03599	1	
		7279	-77.54338	-18.89957	106.80000	0.00000	0.00000	0.04247	1	
		7280	-75.54820	-18.89957	106.80000	0.00000	0.00000	0.04986	1	
		7281	-73.55302	-18.89957	106.80000	0.00000	0.00000	0.05831	1	
		7282	-71.55784	-18.89957	106.80000	0.00000	0.00000	0.06797	1	
		7283	-69.56266	-18.89957	106.80000	0.00000	0.00000	0.07901	1	
		7284	-67.56748	-18.89957	106.80000	0.00000	0.00000	0.09165	1	
		7285	-65.57230	-18.89957	106.80000	0.00000	0.00000	0.10613	1	
		7286	-63.57712	-18.89957	106.80000	0.00000	0.00000	0.12274	1	
		7287	-61.58194	-18.89957	106.80000	0.00000	0.00000	0.14183	1	
		7288	-59.58676	-18.89957	106.80000	0.00000	0.00000	0.16380	1	
		7289	-57.59158	-18.89957	106.80000	0.00000	0.00000	0.18913	1	
		7290	-55.59640	-18.89957	106.80000	0.00000	0.00000	0.21840	1	
		7291	-53.60122	-18.89957	106.80000	0.00000	0.00000	0.25233	1	
		7292	-51.60604	-18.89957	106.80000	0.00000	0.00000	0.29176	1	
		7293	-49.61086	-18.89957	106.80000	0.00000	0.00000	0.33777	1	
		7294	-47.61568	-18.89957	106.80000	0.00000	0.00000	0.39168	1	
		7295	-45.62050	-18.89957	106.80000	0.00000	0.00000	0.45521	1	
		7296	-43.62532	-18.89957	106.80000	0.00000	0.00000	0.53055	1	
		7297	-41.63014	-18.89957	106.80000	0.00000	0.00000	0.62065	1	
		7298	-39.63496	-18.89957	106.80000	0.00000	0.00000	0.72955	1	
		7299	-37.63978	-18.89957	106.80000	0.00000	0.00000	0.86297	1	
		7300	-35.64460	-18.89957	106.80000	0.00000	0.00000	1.02950	1	
		7301	-33.64942	-18.89957	106.80000	0.00000	0.00000	1.24283	1	
		7302	-31.65424	-18.89957	106.80000	0.00000	0.00000	1.52712	1	
		7303	-29.65906	-18.89957	106.80000	0.00000	0.00000	1.93290	1	
		7304	-27.66388	-18.89957	106.80000	0.00000	0.00000	2.46372	1	
		7305	-25.66871	-18.89957	106.80000	0.00000	0.00000	4.66843	1	
		7306	-23.67353	-18.89957	106.80000	0.00000	0.00000	6.73001	1	
		7307	-21.67835	-18.89957	106.80000	0.00000	0.00000	7.49754	1	
		7308	-19.68317	-18.89957	106.80000	0.00000	0.00000	9.93391	1	
		7309	-17.68799	-18.89957	106.80000	0.00000	0.00000	9.32660	1	
		7310	-15.69281	-18.89957	106.80000	0.00000	0.00000	8.71296	1	
		7311	-13.69763	-18.89957	106.80000	0.00000	0.00000	8.95624	1	
		7312	-11.70245	-18.89957	106.80000	0.00000	0.00000	9.12222	1	
		7313	-9.70727	-18.89957	106.80000	0.00000	0.00000	9.23830	1	
		7314	-7.71209	-18.89957	106.80000	0.00000	0.00000	9.31619	1	
		7315	-5.71691	-18.89957	106.80000	0.00000	0.00000	9.36177	1	
		7316	-3.72173	-18.89957	106.80000	0.00000	0.00000	9.37791	1	
		7317	-1.72655	-18.89957	106.80000	0.00000	0.00000	9.36546	1	
		7318	0.26863	-18.89957	106.80000	0.00000	0.00000	9.32342	1	
		7319	2.26381	-18.89957	106.80000	0.00000	0.00000	9.24850	1	
		7320	4.25899	-18.89957	106.80000	0.00000	0.00000	9.13370	1	
		7321	6.25417	-18.89957	106.80000	0.00000	0.00000	8.96376	1	
		7322	8.24935	-18.89957	106.80000	0.00000	0.00000	8.69778	1	
		7323	10.24453	-18.89957	106.80000	0.00000	0.00000	8.15571	1	
		7324	12.23971	-18.89957	106.80000	0.00000	0.00000	6.87670	1	
		7325	14.23489	-18.89957	106.80000	0.00000	0.00000	5.91032	1	
		7326	16.23007	-18.89957	106.80000	0.00000	0.00000	4.93865	1	
		7327	18.22525	-18.89957	106.80000	0.00000	0.00000	4.26264	1	
		7328	20.22043	-18.89957	106.80000	0.00000	0.00000	3.76702	1	
		7329	22.21561	-18.89957	106.80000	0.00000	0.00000	3.38825	1	
		7330	24.21079	-18.89957	106.80000	0.00000	0.00000	2.96428	1	
		7331	26.20597	-18.89957	106.80000	0.00000	0.00000	2.39923	1	
		7332	28.20115	-18.89957	106.80000	0.00000	0.00000	1.79378	1	
		7333	30.19633	-18.89957	106.80000	0.00000	0.00000	1.38174	1	
		7334	32.19151	-18.89957	106.80000	0.00000	0.00000	1.01554	1	
		7335	34.18669	-18.89957	106.80000	0.00000	0.00000	0.89959	1	
		7336	36.18187	-18.89957	106.80000	0.00000	0.00000	0.74787	1	
		7337	38.17705	-18.89957	106.80000	0.00000	0.00000	0.63047	1	
		7338	40.17223	-18.89957	106.80000	0.00000	0.00000	0.53765	1	
		7339	42.16741	-18.89957	106.80000	0.00000	0.00000	0.46116	1	
		7340	44.16259	-18.89957	106.80000	0.00000	0.00000	0.40276	1	
		7341	46.15777	-18.89957	106.80000	0.00000	0.00000	0.35350	1	
		7342	48.15295	-18.89957	106.80000	0.00000	0.00000	0.31325	1	
		7343	50.14813	-18.89957	106.80000	0.00000	0.00000	0.28044	1	
		7344	52.14331	-18.89957	106.80000	0.00000	0.00000	0.25389	1	
		7345	54.13849	-18.89957	106.80000	0.00000	0.00000	0.23270	1	
		7346	56.13367	-18.89957	106.80000	0.00000	0.00000	0.21617	1	
		7347	58.12885	-18.89957	106.80000	0.00000	0.00000	0.20374	1	

Oasys								Job No.		Sheet No.		Rev.	
								Drg. Ref.					
Made by		Date 20-Sep-2024		Checked		Date							
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]					
		7369	102.02281	-18.89957	106.80000	0.00000	0.00000	0.12477	1				
		7370	104.01799	-18.89957	106.80000	0.00000	0.00000	0.11108	1				
		7371	106.01317	-18.89957	106.80000	0.00000	0.00000	0.09849	1				
		7372	108.00835	-18.89957	106.80000	0.00000	0.00000	0.08701	1				
		7373	110.00353	-18.89957	106.80000	0.00000	0.00000	0.07663	1				
		7374	111.99871	-18.89957	106.80000	0.00000	0.00000	0.06729	1				
		7375	113.99388	-18.89957	106.80000	0.00000	0.00000	0.05892	1				
		7376	115.98906	-18.89957	106.80000	0.00000	0.00000	0.05143	1				
		7377	117.98424	-18.89957	106.80000	0.00000	0.00000	0.04474	1				
		7378	119.97942	-18.89957	106.80000	0.00000	0.00000	0.03879	1				
		7379	121.97460	-18.89957	106.80000	0.00000	0.00000	0.03349	1				
		7380	123.96978	-18.89957	106.80000	0.00000	0.00000	0.02878	1				
		7381	125.96496	-18.89957	106.80000	0.00000	0.00000	0.02459	1				
		7382	127.96014	-18.89957	106.80000	0.00000	0.00000	0.02088	1				
		7383	129.95532	-18.89957	106.80000	0.00000	0.00000	0.01758	1				
		7384	131.95050	-18.89957	106.80000	0.00000	0.00000	0.01467	1				
		7385	133.94568	-18.89957	106.80000	0.00000	0.00000	0.01208	1				
		7386	135.94086	-18.89957	106.80000	0.00000	0.00000	0.00980	1				
		7387	137.93604	-18.89957	106.80000	0.00000	0.00000	0.00778	1				
		7388	139.93122	-18.89957	106.80000	0.00000	0.00000	0.00600	1				
		7389	141.92640	-18.89957	106.80000	0.00000	0.00000	0.00443	1				
		7390	143.92158	-18.89957	106.80000	0.00000	0.00000	0.00305	1				
		7391	145.91676	-18.89957	106.80000	0.00000	0.00000	0.00184	1				
		7392	147.91194	-18.89957	106.80000	0.00000	0.00000	0.00077	1				
		7393	149.90712	-18.89957	106.80000	0.00000	0.00000	-0.00016	1				
		7394	151.90230	-18.89957	106.80000	0.00000	0.00000	-0.00097	1				
		7395	153.89748	-18.89957	106.80000	0.00000	0.00000	-0.00168	1				
		7396	155.89266	-18.89957	106.80000	0.00000	0.00000	-0.00230	1				
		7397	157.88784	-18.89957	106.80000	0.00000	0.00000	-0.00284	1				
		7398	159.88302	-18.89957	106.80000	0.00000	0.00000	-0.00330	1				
		7399	161.87820	-18.89957	106.80000	0.00000	0.00000	-0.00369	1				
		7400	163.87338	-18.89957	106.80000	0.00000	0.00000	-0.00403	1				
		7401	165.86856	-18.89957	106.80000	0.00000	0.00000	-0.00432	1				
		7402	167.86374	-18.89957	106.80000	0.00000	0.00000	-0.00456	1				
		7403	169.85892	-18.89957	106.80000	0.00000	0.00000	-0.00476	1				
		7404	171.85410	-18.89957	106.80000	0.00000	0.00000	-0.00493	1				
		7405	173.84928	-18.89957	106.80000	0.00000	0.00000	-0.00506	1				
		7406	175.84446	-18.89957	106.80000	0.00000	0.00000	-0.00517	1				
		7407	177.83964	-18.89957	106.80000	0.00000	0.00000	-0.00525	1				
		7408	179.83482	-18.89957	106.80000	0.00000	0.00000	-0.00531	1				
		7409	181.83000	-18.89957	106.80000	0.00000	0.00000	-0.00535	1				
		7410	-95.50000	-17.02482	106.80000	0.00000	0.00000	0.00635	1				
		7411	-93.50482	-17.02482	106.80000	0.00000	0.00000	0.00865	1				
		7412	-91.50964	-17.02482	106.80000	0.00000	0.00000	0.01128	1				
		7413	-89.51446	-17.02482	106.80000	0.00000	0.00000	0.01428	1				
		7414	-87.51928	-17.02482	106.80000	0.00000	0.00000	0.01772	1				
		7415	-85.52410	-17.02482	106.80000	0.00000	0.00000	0.02164	1				
		7416	-83.52892	-17.02482	106.80000	0.00000	0.00000	0.02611	1				
		7417	-81.53374	-17.02482	106.80000	0.00000	0.00000	0.03122	1				
		7418	-79.53856	-17.02482	106.80000	0.00000	0.00000	0.03705	1				
		7419	-77.54338	-17.02482	106.80000	0.00000	0.00000	0.04371	1				
		7420	-75.54820	-17.02482	106.80000	0.00000	0.00000	0.05132	1				
		7421	-73.55302	-17.02482	106.80000	0.00000	0.00000	0.06002	1				
		7422	-71.55784	-17.02482	106.80000	0.00000	0.00000	0.06998	1				
		7423	-69.56266	-17.02482	106.80000	0.00000	0.00000	0.08137	1				
		7424	-67.56748	-17.02482	106.80000	0.00000	0.00000	0.09443	1				
		7425	-65.57230	-17.02482	106.80000	0.00000	0.00000	0.10941	1				
		7426	-63.57712	-17.02482	106.80000	0.00000	0.00000	0.12662	1				
		7427	-61.58194	-17.02482	106.80000	0.00000	0.00000	0.14643	1				
		7428	-59.58676	-17.02482	106.80000	0.00000	0.00000	0.16926	1				
		7429	-57.59158	-17.02482	106.80000	0.00000	0.00000	0.19563	1				
		7430	-55.59640	-17.02482	106.80000	0.00000	0.00000	0.22616	1				
		7431	-53.60122	-17.02482	106.80000	0.00000	0.00000	0.26162	1				
		7432	-51.60604	-17.02482	106.80000	0.00000	0.00000	0.30293	1				
		7433	-49.61086	-17.02482	106.80000	0.00000	0.00000	0.35126	1				
		7434	-47.61568	-17.02482	106.80000	0.00000	0.00000	0.40806	1				
		7435	-45.62050	-17.02482	106.80000	0.00000	0.00000	0.47520	1				
		7436	-43.62532	-17.02482	106.80000	0.00000	0.00000	0.55512	1				
		7437	-41.63014	-17.02482	106.80000	0.00000	0.00000	0.65112	1				
		7438	-39.63496	-17.02482	106.80000	0.00000	0.00000	0.76771	1				
		7439	-37.63978	-17.02482	106.80000	0.00000	0.00000	0.91143	1				
		7440	-35.64460	-17.02482	106.80000	0.00000	0.00000	1.09210	1				
		7441	-33.64942	-17.02482	106.80000	0.00000	0.00000	1.32566	1				
		7442	-31.65424	-17.02482	106.80000	0.00000	0.00000	1.64032	1				
		7443	-29.65906	-17.02482	106.80000	0.00000	0.00000	2.09402	1				
		7444	-27.66388	-17.02482	106.80000	0.00000	0.00000	2.69147	1				
		7445	-25.66871	-17.02482	106.80000	0.00000	0.00000	3.43963	1				
		7446	-23.67353	-17.02482	106.80000	0.00000	0.00000	7.31748	1				
		7447	-21.67835	-17.02482	106.80000	0.00000	0.00000	8.26254	1				
		7448	-19.68317	-17.02482	106.80000	0.00000	0.00000	8.82871	1				
		7449	-17.68799	-17.02482	106.80000	0.00000	0.00000	9.24262	1				
		7450	-15.69281	-17.02482	106.80000	0.00000	0.00000	9.56548	1				
		7451	-13.69763	-17.02482	106.80000	0.00000	0.00000	9.80724	1				
		7452	-11.70245	-17.02482	106.80000	0.00000	0.00000	9.98357	1				
		7453	-9.70727	-17.02482	106.80000	0.00000	0.00000	10.10934	1				
		7454	-7.71209	-17.02482	106.80000	0.00000	0.00000	10.19417	1				
		7455	-5.71691	-17.02482	106.80000	0.00000	0.00000	10.24375	1				
		7456	-3.72173	-17.02482	106.80000	0.00000	0.00000	10.26107	1				
		7457	-1.72655	-17.02482	106.80000	0.00000	0.00000	10.24705	1				
		7458	0.26863										

Oasys								Job No.		Sheet No.		Rev.	
								Drg. Ref.					
								Made by		Date 20-Sep-2024		Checked	
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]					
		7499	82.07101	-17.02482	106.80000	0.00000	0.00000	0.27993	1				
		7500	84.06619	-17.02482	106.80000	0.00000	0.00000	0.28116	1				
		7501	86.06137	-17.02482	106.80000	0.00000	0.00000	0.27761	1				
		7502	88.05655	-17.02482	106.80000	0.00000	0.00000	0.26926	1				
		7503	90.05173	-17.02482	106.80000	0.00000	0.00000	0.25647	1				
		7504	92.04691	-17.02482	106.80000	0.00000	0.00000	0.24006	1				
		7505	94.04209	-17.02482	106.80000	0.00000	0.00000	0.22113	1				
		7506	96.03727	-17.02482	106.80000	0.00000	0.00000	0.20097	1				
		7507	98.03245	-17.02482	106.80000	0.00000	0.00000	0.18070	1				
		7508	100.02763	-17.02482	106.80000	0.00000	0.00000	0.16120	1				
		7509	102.02281	-17.02482	106.80000	0.00000	0.00000	0.14298	1				
		7510	104.01799	-17.02482	106.80000	0.00000	0.00000	0.12628	1				
		7511	106.01317	-17.02482	106.80000	0.00000	0.00000	0.11119	1				
		7512	108.00835	-17.02482	106.80000	0.00000	0.00000	0.09764	1				
		7513	110.00353	-17.02482	106.80000	0.00000	0.00000	0.08556	1				
		7514	111.99871	-17.02482	106.80000	0.00000	0.00000	0.07480	1				
		7515	113.99388	-17.02482	106.80000	0.00000	0.00000	0.06526	1				
		7516	115.98906	-17.02482	106.80000	0.00000	0.00000	0.05679	1				
		7517	117.98424	-17.02482	106.80000	0.00000	0.00000	0.04930	1				
		7518	119.97942	-17.02482	106.80000	0.00000	0.00000	0.04266	1				
		7519	121.97460	-17.02482	106.80000	0.00000	0.00000	0.03679	1				
		7520	123.96978	-17.02482	106.80000	0.00000	0.00000	0.03159	1				
		7521	125.96496	-17.02482	106.80000	0.00000	0.00000	0.02700	1				
		7522	127.96014	-17.02482	106.80000	0.00000	0.00000	0.02294	1				
		7523	129.95532	-17.02482	106.80000	0.00000	0.00000	0.01935	1				
		7524	131.95050	-17.02482	106.80000	0.00000	0.00000	0.01618	1				
		7525	133.94568	-17.02482	106.80000	0.00000	0.00000	0.01338	1				
		7526	135.94086	-17.02482	106.80000	0.00000	0.00000	0.01092	1				
		7527	137.93604	-17.02482	106.80000	0.00000	0.00000	0.00874	1				
		7528	139.93122	-17.02482	106.80000	0.00000	0.00000	0.00683	1				
		7529	141.92640	-17.02482	106.80000	0.00000	0.00000	0.00515	1				
		7530	143.92158	-17.02482	106.80000	0.00000	0.00000	0.00367	1				
		7531	145.91676	-17.02482	106.80000	0.00000	0.00000	0.00237	1				
		7532	147.91194	-17.02482	106.80000	0.00000	0.00000	0.00123	1				
		7533	149.90712	-17.02482	106.80000	0.00000	0.00000	0.00023	1				
		7534	151.90230	-17.02482	106.80000	0.00000	0.00000	-0.00063	1				
		7535	153.89748	-17.02482	106.80000	0.00000	0.00000	-0.00139	1				
		7536	155.89266	-17.02482	106.80000	0.00000	0.00000	-0.00205	1				
		7537	157.88784	-17.02482	106.80000	0.00000	0.00000	-0.00262	1				
		7538	159.88302	-17.02482	106.80000	0.00000	0.00000	-0.00311	1				
		7539	161.87820	-17.02482	106.80000	0.00000	0.00000	-0.00353	1				
		7540	163.87338	-17.02482	106.80000	0.00000	0.00000	-0.00389	1				
		7541	165.86856	-17.02482	106.80000	0.00000	0.00000	-0.00420	1				
		7542	167.86374	-17.02482	106.80000	0.00000	0.00000	-0.00446	1				
		7543	169.85892	-17.02482	106.80000	0.00000	0.00000	-0.00467	1				
		7544	171.85410	-17.02482	106.80000	0.00000	0.00000	-0.00485	1				
		7545	173.84928	-17.02482	106.80000	0.00000	0.00000	-0.00500	1				
		7546	175.84446	-17.02482	106.80000	0.00000	0.00000	-0.00511	1				
		7547	177.83964	-17.02482	106.80000	0.00000	0.00000	-0.00521	1				
		7548	179.83482	-17.02482	106.80000	0.00000	0.00000	-0.00527	1				
		7549	181.83000	-17.02482	106.80000	0.00000	0.00000	-0.00532	1				
		7550	-95.50000	-15.15007	106.80000	0.00000	0.00000	0.00662	1				
		7551	-93.50482	-15.15007	106.80000	0.00000	0.00000	0.00897	1				
		7552	-91.50964	-15.15007	106.80000	0.00000	0.00000	0.01165	1				
		7553	-89.51446	-15.15007	106.80000	0.00000	0.00000	0.01472	1				
		7554	-87.51928	-15.15007	106.80000	0.00000	0.00000	0.01822	1				
		7555	-85.52410	-15.15007	106.80000	0.00000	0.00000	0.02223	1				
		7556	-83.52892	-15.15007	106.80000	0.00000	0.00000	0.02680	1				
		7557	-81.53374	-15.15007	106.80000	0.00000	0.00000	0.03203	1				
		7558	-79.53856	-15.15007	106.80000	0.00000	0.00000	0.03800	1				
		7559	-77.54338	-15.15007	106.80000	0.00000	0.00000	0.04482	1				
		7560	-75.54820	-15.15007	106.80000	0.00000	0.00000	0.05262	1				
		7561	-73.55302	-15.15007	106.80000	0.00000	0.00000	0.06155	1				
		7562	-71.55784	-15.15007	106.80000	0.00000	0.00000	0.07177	1				
		7563	-69.56266	-15.15007	106.80000	0.00000	0.00000	0.08348	1				
		7564	-67.56748	-15.15007	106.80000	0.00000	0.00000	0.09691	1				
		7565	-65.57230	-15.15007	106.80000	0.00000	0.00000	0.11234	1				
		7566	-63.57712	-15.15007	106.80000	0.00000	0.00000	0.13008	1				
		7567	-61.58194	-15.15007	106.80000	0.00000	0.00000	0.15053	1				
		7568	-59.58676	-15.15007	106.80000	0.00000	0.00000	0.17412	1				
		7569	-57.59158	-15.15007	106.80000	0.00000	0.00000	0.20142	1				
		7570	-55.59640	-15.15007	106.80000	0.00000	0.00000	0.23308	1				
		7571	-53.60122	-15.15007	106.80000	0.00000	0.00000	0.26991	1				
		7572	-51.60604	-15.15007	106.80000	0.00000	0.00000	0.31289	1				
		7573	-49.61086	-15.15007	106.80000	0.00000	0.00000	0.36327	1				
		7574	-47.61568	-15.15007	106.80000	0.00000	0.00000	0.42261	1				
		7575	-45.62050	-15.15007	106.80000	0.00000	0.00000	0.49292	1				
		7576	-43.62532	-15.15007	106.80000	0.00000	0.00000	0.57683	1				
		7577	-41.63014	-15.15007	106.80000	0.00000	0.00000	0.67787	1				
		7578	-39.63496	-15.15007	106.80000	0.00000	0.00000	0.80093	1				
		7579	-37.63978	-15.15007	106.80000	0.00000	0.00000	0.95103	1				
		7580	-35.64460	-15.15007	106.80000	0.00000	0.00000	1.14476	1				
		7581	-33.64942	-15.15007	106.80000	0.00000	0.00000	1.39305	1				
		7582	-31.65424	-15.15007	106.80000	0.00000	0.00000	1.72727	1				
		7583	-29.65906	-15.15007	106.80000	0.00000	0.00000	2.20425	1				
		7584	-27.66388	-15.15007	106.80000	0.00000	0.00000	2.83314	1				

								Job No.	Sheet No.	Rev.
								Drg. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		7629	62.11921	-15.15007	106.80000	0.00000	0.00000	0.21723	1	
		7630	64.11439	-15.15007	106.80000	0.00000	0.00000	0.21871	1	
		7631	66.10957	-15.15007	106.80000	0.00000	0.00000	0.22411	1	
		7632	68.10475	-15.15007	106.80000	0.00000	0.00000	0.23333	1	
		7633	70.09993	-15.15007	106.80000	0.00000	0.00000	0.24618	1	
		7634	72.09511	-15.15007	106.80000	0.00000	0.00000	0.26226	1	
		7635	74.09029	-15.15007	106.80000	0.00000	0.00000	0.28074	1	
		7636	76.08547	-15.15007	106.80000	0.00000	0.00000	0.30015	1	
		7637	78.08065	-15.15007	106.80000	0.00000	0.00000	0.31842	1	
		7638	80.07583	-15.15007	106.80000	0.00000	0.00000	0.33332	1	
		7639	82.07101	-15.15007	106.80000	0.00000	0.00000	0.34298	1	
		7640	84.06619	-15.15007	106.80000	0.00000	0.00000	0.34620	1	
		7641	86.06137	-15.15007	106.80000	0.00000	0.00000	0.34241	1	
		7642	88.05655	-15.15007	106.80000	0.00000	0.00000	0.33160	1	
		7643	90.05173	-15.15007	106.80000	0.00000	0.00000	0.31430	1	
		7644	92.04691	-15.15007	106.80000	0.00000	0.00000	0.29171	1	
		7645	94.04209	-15.15007	106.80000	0.00000	0.00000	0.26568	1	
		7646	96.03727	-15.15007	106.80000	0.00000	0.00000	0.23834	1	
		7647	98.03245	-15.15007	106.80000	0.00000	0.00000	0.21152	1	
		7648	100.02763	-15.15007	106.80000	0.00000	0.00000	0.18641	1	
		7649	102.02281	-15.15007	106.80000	0.00000	0.00000	0.16358	1	
		7650	104.01799	-15.15007	106.80000	0.00000	0.00000	0.14317	1	
		7651	106.01317	-15.15007	106.80000	0.00000	0.00000	0.12508	1	
		7652	108.00835	-15.15007	106.80000	0.00000	0.00000	0.10913	1	
		7653	110.00353	-15.15007	106.80000	0.00000	0.00000	0.09509	1	
		7654	111.99871	-15.15007	106.80000	0.00000	0.00000	0.08276	1	
		7655	113.99388	-15.15007	106.80000	0.00000	0.00000	0.07193	1	
		7656	115.98906	-15.15007	106.80000	0.00000	0.00000	0.06240	1	
		7657	117.98424	-15.15007	106.80000	0.00000	0.00000	0.05403	1	
		7658	119.97942	-15.15007	106.80000	0.00000	0.00000	0.04666	1	
		7659	121.97460	-15.15007	106.80000	0.00000	0.00000	0.04018	1	
		7660	123.96978	-15.15007	106.80000	0.00000	0.00000	0.03448	1	
		7661	125.96496	-15.15007	106.80000	0.00000	0.00000	0.02946	1	
		7662	127.96014	-15.15007	106.80000	0.00000	0.00000	0.02504	1	
		7663	129.95532	-15.15007	106.80000	0.00000	0.00000	0.02114	1	
		7664	131.95050	-15.15007	106.80000	0.00000	0.00000	0.01772	1	
		7665	133.94568	-15.15007	106.80000	0.00000	0.00000	0.01470	1	
		7666	135.94086	-15.15007	106.80000	0.00000	0.00000	0.01205	1	
		7667	137.93604	-15.15007	106.80000	0.00000	0.00000	0.00971	1	
		7668	139.93122	-15.15007	106.80000	0.00000	0.00000	0.00766	1	
		7669	141.92640	-15.15007	106.80000	0.00000	0.00000	0.00586	1	
		7670	143.92158	-15.15007	106.80000	0.00000	0.00000	0.00428	1	
		7671	145.91676	-15.15007	106.80000	0.00000	0.00000	0.00290	1	
		7672	147.91194	-15.15007	106.80000	0.00000	0.00000	0.00169	1	
		7673	149.90712	-15.15007	106.80000	0.00000	0.00000	0.00063	1	
		7674	151.90230	-15.15007	106.80000	0.00000	0.00000	0.00030	1	
		7675	153.89748	-15.15007	106.80000	0.00000	0.00000	-0.00110	1	
		7676	155.89266	-15.15007	106.80000	0.00000	0.00000	-0.00180	1	
		7677	157.88784	-15.15007	106.80000	0.00000	0.00000	-0.00240	1	
		7678	159.88302	-15.15007	106.80000	0.00000	0.00000	-0.00292	1	
		7679	161.87820	-15.15007	106.80000	0.00000	0.00000	-0.00337	1	
		7680	163.87338	-15.15007	106.80000	0.00000	0.00000	-0.00376	1	
		7681	165.86856	-15.15007	106.80000	0.00000	0.00000	-0.00408	1	
		7682	167.86374	-15.15007	106.80000	0.00000	0.00000	-0.00436	1	
		7683	169.85892	-15.15007	106.80000	0.00000	0.00000	-0.00459	1	
		7684	171.85410	-15.15007	106.80000	0.00000	0.00000	-0.00478	1	
		7685	173.84928	-15.15007	106.80000	0.00000	0.00000	-0.00494	1	
		7686	175.84446	-15.15007	106.80000	0.00000	0.00000	-0.00506	1	
		7687	177.83964	-15.15007	106.80000	0.00000	0.00000	-0.00516	1	
		7688	179.83482	-15.15007	106.80000	0.00000	0.00000	-0.00524	1	
		7689	181.83000	-15.15007	106.80000	0.00000	0.00000	-0.00529	1	
		7690	-95.50000	-13.27532	106.80000	0.00000	0.00000	0.00686	1	
		7691	-93.50482	-13.27532	106.80000	0.00000	0.00000	0.00924	1	
		7692	-91.50964	-13.27532	106.80000	0.00000	0.00000	0.01197	1	
		7693	-89.51446	-13.27532	106.80000	0.00000	0.00000	0.01509	1	
		7694	-87.51928	-13.27532	106.80000	0.00000	0.00000	0.01866	1	
		7695	-85.52410	-13.27532	106.80000	0.00000	0.00000	0.02274	1	
		7696	-83.52892	-13.27532	106.80000	0.00000	0.00000	0.02740	1	
		7697	-81.53374	-13.27532	106.80000	0.00000	0.00000	0.03273	1	
		7698	-79.53856	-13.27532	106.80000	0.00000	0.00000	0.03882	1	
		7699	-77.54338	-13.27532	106.80000	0.00000	0.00000	0.04578	1	
		7700	-75.54820	-13.27532	106.80000	0.00000	0.00000	0.05375	1	
		7701	-73.55302	-13.27532	106.80000	0.00000	0.00000	0.06287	1	
		7702	-71.55784	-13.27532	106.80000	0.00000	0.00000	0.07332	1	
		7703	-69.56266	-13.27532	106.80000	0.00000	0.00000	0.08530	1	
		7704	-67.56748	-13.27532	106.80000	0.00000	0.00000	0.09806	1	
		7705	-65.57230	-13.27532	106.80000	0.00000	0.00000	0.11148	1	
		7706	-63.57712	-13.27532	106.80000	0.00000	0.00000	0.13308	1	
		7707	-61.58194	-13.27532	106.80000	0.00000	0.00000	0.15408	1	
		7708	-59.58676	-13.27532	106.80000	0.00000	0.00000	0.17834	1	
		7709	-57.59158	-13.27532	106.80000	0.00000	0.00000	0.20644	1	
		7710	-55.59640	-13.27532	106.80000	0.00000	0.00000	0.23907	1	
		7711	-53.60122	-13.27532	106.80000	0.00000	0.00000	0.27707	1	
		7712	-51.60604	-13.27532	106.80000	0.00000	0.00000	0.32148	1	
		7713	-49.61086	-13.27532	106.80000	0.00000	0.00000	0.37361	1	
		7714	-47.61568	-13.27532	106.80000	0.00000	0.00000	0.43510	1	
		7715	-45.62050	-13.27532	106.80000	0.00000	0.00000	0.50806	1	
		7716	-43.62532	-13.27532	106.80000	0.00000	0.00000	0.59525	1	
		7717	-41.63014	-13.27532	106.80000	0.00000	0.00000	0.70036	1	
		7718	-39.63496	-13.27532	106.80000	0.00000	0.00000	0.82847	1	
		7719	-37.63978	-13.27532	106.80000	0.00000	0.00000	0.98684	1	
		7720	-35.64460	-13.27532	106.80000	0.00000	0.00000	1.18623	1	
		7721	-33.64942	-13.27532	106.80000	0.00000	0.00000	1.44355	1	
		7722	-31.65424	-13.27532	106.80000	0.00000	0.00000	1.78737	1	
		7723	-29.65906	-13.27532	106.80000	0.00000	0.00000	2.27152	1	
		7724	-27.66388	-13.27532	106.80000	0.00000	0.00000	3.01938	1	
		7725	-25.66871	-13.27532	106.80000	0.00000	0.00000	4.50860	1	
		7726	-23.67353	-13.27532	106.80000	0.00000	0.00000	7.71935	1	
		7727	-21.67835	-13.27532	106.80000	0.00000	0.00000	8.87962	1	
		7728	-19.68317	-13.27532	106.80000	0.00000	0.00000	9.59844	1	
		7729	-17.68799	-13.27532	106.80000	0.00000	0.00000	10.10261	1	
		7730	-15.69281	-13.27532	106.80000	0.00000	0.00000	10.47157	1	
		7731	-13.69763	-13.27532	106.80000	0.00000	0.00000	10.74540	1	
		7732	-11.70245	-13.27532	106.80000	0.00000	0.00000	10.94749	1	
		7733	-9.70727	-13.27532	106.80000	0.00000	0.00000	11.09272	1	
		7734	-7.71209	-13.27532	106.80000	0.00000	0.00000	11.90797	1	
		7735	-5.71691	-13.27532	106.80000	0.00000	0.00000	11.24775	1	
		7736	-3.72173	-13.27532	106.80000	0.00000	0.00000	11.26692	1	
		7737	-1.72655	-13.27532	106.80000	0.00000	0.00000	11.24932	1	

Oasys							Job No.		Sheet No.		Rev.	
							Drg. Ref.					
							Made by		Date 20-Sep-2024		Checked	
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]				
		7759	42.16741	-13.27532	106.80000	0.00000	0.00000	0.51192	1			
		7760	44.16259	-13.27532	106.80000	0.00000	0.00000	0.44450	1			
		7761	46.15777	-13.27532	106.80000	0.00000	0.00000	0.39029	1			
		7762	48.15295	-13.27532	106.80000	0.00000	0.00000	0.34669	1			
		7763	50.14813	-13.27532	106.80000	0.00000	0.00000	0.31183	1			
		7764	52.14331	-13.27532	106.80000	0.00000	0.00000	0.28435	1			
		7765	54.13849	-13.27532	106.80000	0.00000	0.00000	0.26327	1			
		7766	56.13367	-13.27532	106.80000	0.00000	0.00000	0.24788	1			
		7767	58.12885	-13.27532	106.80000	0.00000	0.00000	0.23768	1			
		7768	60.12403	-13.27532	106.80000	0.00000	0.00000	0.23236	1			
		7769	62.11921	-13.27532	106.80000	0.00000	0.00000	0.23176	1			
		7770	64.11439	-13.27532	106.80000	0.00000	0.00000	0.23583	1			
		7771	66.10957	-13.27532	106.80000	0.00000	0.00000	0.24467	1			
		7772	68.10475	-13.27532	106.80000	0.00000	0.00000	0.25843	1			
		7773	70.09993	-13.27532	106.80000	0.00000	0.00000	0.27727	1			
		7774	72.09511	-13.27532	106.80000	0.00000	0.00000	0.30113	1			
		7775	74.09029	-13.27532	106.80000	0.00000	0.00000	0.32930	1			
		7776	76.08547	-13.27532	106.80000	0.00000	0.00000	0.35981	1			
		7777	78.08065	-13.27532	106.80000	0.00000	0.00000	0.38918	1			
		7778	80.07583	-13.27532	106.80000	0.00000	0.00000	0.41340	1			
		7779	82.07101	-13.27532	106.80000	0.00000	0.00000	0.42944	1			
		7780	84.06619	-13.27532	106.80000	0.00000	0.00000	0.43571	1			
		7781	86.06137	-13.27532	106.80000	0.00000	0.00000	0.43161	1			
		7782	88.05655	-13.27532	106.80000	0.00000	0.00000	0.41710	1			
		7783	90.05173	-13.27532	106.80000	0.00000	0.00000	0.39279	1			
		7784	92.04691	-13.27532	106.80000	0.00000	0.00000	0.36035	1			
		7785	94.04209	-13.27532	106.80000	0.00000	0.00000	0.32294	1			
		7786	96.03727	-13.27532	106.80000	0.00000	0.00000	0.28450	1			
		7787	98.03245	-13.27532	106.80000	0.00000	0.00000	0.24815	1			
		7788	100.02763	-13.27532	106.80000	0.00000	0.00000	0.21542	1			
		7789	102.02281	-13.27532	106.80000	0.00000	0.00000	0.18668	1			
		7790	104.01799	-13.27532	106.80000	0.00000	0.00000	0.16171	1			
		7791	106.01317	-13.27532	106.80000	0.00000	0.00000	0.14009	1			
		7792	108.00835	-13.27532	106.80000	0.00000	0.00000	0.12138	1			
		7793	110.00353	-13.27532	106.80000	0.00000	0.00000	0.10517	1			
		7794	111.99871	-13.27532	106.80000	0.00000	0.00000	0.09110	1			
		7795	113.99388	-13.27532	106.80000	0.00000	0.00000	0.07887	1			
		7796	115.98906	-13.27532	106.80000	0.00000	0.00000	0.06820	1			
		7797	117.98424	-13.27532	106.80000	0.00000	0.00000	0.05890	1			
		7798	119.97942	-13.27532	106.80000	0.00000	0.00000	0.05077	1			
		7799	121.97460	-13.27532	106.80000	0.00000	0.00000	0.04365	1			
		7800	123.96978	-13.27532	106.80000	0.00000	0.00000	0.03742	1			
		7801	125.96496	-13.27532	106.80000	0.00000	0.00000	0.03195	1			
		7802	127.96014	-13.27532	106.80000	0.00000	0.00000	0.02716	1			
		7803	129.95532	-13.27532	106.80000	0.00000	0.00000	0.02295	1			
		7804	131.95050	-13.27532	106.80000	0.00000	0.00000	0.01926	1			
		7805	133.94568	-13.27532	106.80000	0.00000	0.00000	0.01602	1			
		7806	135.94086	-13.27532	106.80000	0.00000	0.00000	0.01318	1			
		7807	137.93604	-13.27532	106.80000	0.00000	0.00000	0.01069	1			
		7808	139.93122	-13.27532	106.80000	0.00000	0.00000	0.00850	1			
		7809	141.92640	-13.27532	106.80000	0.00000	0.00000	0.00658	1			
		7810	143.92158	-13.27532	106.80000	0.00000	0.00000	0.00490	1			
		7811	145.91676	-13.27532	106.80000	0.00000	0.00000	0.00343	1			
		7812	147.91194	-13.27532	106.80000	0.00000	0.00000	0.00214	1			
		7813	149.90712	-13.27532	106.80000	0.00000	0.00000	0.00102	1			
		7814	151.90230	-13.27532	106.80000	0.00000	0.00000	0.00004	1			
		7815	153.89748	-13.27532	106.80000	0.00000	0.00000	-0.00081	1			
		7816	155.89266	-13.27532	106.80000	0.00000	0.00000	-0.00155	1			
		7817	157.88784	-13.27532	106.80000	0.00000	0.00000	-0.00219	1			
		7818	159.88302	-13.27532	106.80000	0.00000	0.00000	-0.00274	1			
		7819	161.87820	-13.27532	106.80000	0.00000	0.00000	-0.00321	1			
		7820	163.87338	-13.27532	106.80000	0.00000	0.00000	-0.00362	1			
		7821	165.86856	-13.27532	106.80000	0.00000	0.00000	-0.00397	1			
		7822	167.86374	-13.27532	106.80000	0.00000	0.00000	-0.00426	1			
		7823	169.85892	-13.27532	106.80000	0.00000	0.00000	-0.00450	1			
		7824	171.85410	-13.27532	106.80000	0.00000	0.00000	-0.00471	1			
		7825	173.84928	-13.27532	106.80000	0.00000	0.00000	-0.00488	1			
		7826	175.84446	-13.27532	106.80000	0.00000	0.00000	-0.00501	1			
		7827	177.83964	-13.27532	106.80000	0.00000	0.00000	-0.00512	1			
		7828	179.83482	-13.27532	106.80000	0.00000	0.00000	-0.00520	1			
		7829	181.83000	-13.27532	106.80000	0.00000	0.00000	-0.00526	1			
		7830	-95.50000	-11.40058	106.80000	0.00000	0.00000	0.00705	1			
		7831	-93.50482	-11.40058	106.80000	0.00000	0.00000	0.00947	1			
		7832	-91.50964	-11.40058	106.80000	0.00000	0.00000	0.01224	1			
		7833	-89.51446	-11.40058	106.80000	0.00000	0.00000	0.01541	1			
		7834	-87.51928	-11.40058	106.80000	0.00000	0.00000	0.01903	1			
		7835	-85.52410	-11.40058	106.80000	0.00000	0.00000	0.02317	1			
		7836	-83.52892	-11.40058	106.80000	0.00000	0.00000	0.02790	1			
		7837	-81.53374	-11.40058	106.80000	0.00000	0.00000	0.03331	1			
		7838	-79.53856	-11.40058	106.80000	0.00000	0.00000	0.03950	1			
		7839	-77.54338	-11.40058	106.80000	0.00000	0.00000	0.04658	1			
		7840	-75.54820	-11.40058	106.80000	0.00000	0.00000	0.05469	1			
		7841	-73.55302	-11.40058	106.80000	0.00000	0.00000	0.06397	1			
		7842	-71.55784	-11.40058	106.80000	0.00000	0.00000	0.07461	1			
		7843	-69.56266	-11.40058	106.80000	0.00000	0.00000	0.08662	1			
		7844	-67.56748	-11.40058	106.80000	0.00000	0.00000	0.10085	1			

Oasys								Job No.	Sheet No.	Rev.
								Drg. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		7889	22.21561	-11.40058	106.80000	0.00000	0.00000	6.79416	1	
		7890	24.21079	-11.40058	106.80000	0.00000	0.00000	6.17008	1	
		7891	26.20597	-11.40058	106.80000	0.00000	0.00000	4.84257	1	
		7892	28.20115	-11.40058	106.80000	0.00000	0.00000	2.33269	1	
		7893	30.19633	-11.40058	106.80000	0.00000	0.00000	1.66409	1	
		7894	32.19151	-11.40058	106.80000	0.00000	0.00000	1.28558	1	
		7895	34.18669	-11.40058	106.80000	0.00000	0.00000	1.03257	1	
		7896	36.18187	-11.40058	106.80000	0.00000	0.00000	0.85000	1	
		7897	38.17705	-11.40058	106.80000	0.00000	0.00000	0.71219	1	
		7898	40.17223	-11.40058	106.80000	0.00000	0.00000	0.60514	1	
		7899	42.16741	-11.40058	106.80000	0.00000	0.00000	0.52044	1	
		7900	44.16259	-11.40058	106.80000	0.00000	0.00000	0.45270	1	
		7901	46.15777	-11.40058	106.80000	0.00000	0.00000	0.39825	1	
		7902	48.15295	-11.40058	106.80000	0.00000	0.00000	0.35455	1	
		7903	50.14813	-11.40058	106.80000	0.00000	0.00000	0.31978	1	
		7904	52.14331	-11.40058	106.80000	0.00000	0.00000	0.29261	1	
		7905	54.13849	-11.40058	106.80000	0.00000	0.00000	0.27209	1	
		7906	56.13367	-11.40058	106.80000	0.00000	0.00000	0.25756	1	
		7907	58.12885	-11.40058	106.80000	0.00000	0.00000	0.24859	1	
		7908	60.12403	-11.40058	106.80000	0.00000	0.00000	0.24493	1	
		7909	62.11921	-11.40058	106.80000	0.00000	0.00000	0.24457	1	
		7910	64.11439	-11.40058	106.80000	0.00000	0.00000	0.25366	1	
		7911	66.10957	-11.40058	106.80000	0.00000	0.00000	0.26658	1	
		7912	68.10475	-11.40058	106.80000	0.00000	0.00000	0.28592	1	
		7913	70.09993	-11.40058	106.80000	0.00000	0.00000	0.31249	1	
		7914	72.09511	-11.40058	106.80000	0.00000	0.00000	0.34716	1	
		7915	74.09029	-11.40058	106.80000	0.00000	0.00000	0.39018	1	
		7916	76.08547	-11.40058	106.80000	0.00000	0.00000	0.43944	1	
		7917	78.08065	-11.40058	106.80000	0.00000	0.00000	0.48832	1	
		7918	80.07583	-11.40058	106.80000	0.00000	0.00000	0.52832	1	
		7919	82.07101	-11.40058	106.80000	0.00000	0.00000	0.55447	1	
		7920	84.06619	-11.40058	106.80000	0.00000	0.00000	0.56538	1	
		7921	86.06137	-11.40058	106.80000	0.00000	0.00000	0.56087	1	
		7922	88.05655	-11.40058	106.80000	0.00000	0.00000	0.54085	1	
		7923	90.05173	-11.40058	106.80000	0.00000	0.00000	0.50539	1	
		7924	92.04691	-11.40058	106.80000	0.00000	0.00000	0.45616	1	
		7925	94.04209	-11.40058	106.80000	0.00000	0.00000	0.39885	1	
		7926	96.03727	-11.40058	106.80000	0.00000	0.00000	0.34204	1	
		7927	98.03245	-11.40058	106.80000	0.00000	0.00000	0.29143	1	
		7928	100.02763	-11.40058	106.80000	0.00000	0.00000	0.24837	1	
		7929	102.02281	-11.40058	106.80000	0.00000	0.00000	0.21218	1	
		7930	104.01799	-11.40058	106.80000	0.00000	0.00000	0.18177	1	
		7931	106.01317	-11.40058	106.80000	0.00000	0.00000	0.15609	1	
		7932	108.00835	-11.40058	106.80000	0.00000	0.00000	0.13429	1	
		7933	110.00353	-11.40058	106.80000	0.00000	0.00000	0.11569	1	
		7934	111.99871	-11.40058	106.80000	0.00000	0.00000	0.09974	1	
		7935	113.99388	-11.40058	106.80000	0.00000	0.00000	0.08601	1	
		7936	115.98906	-11.40058	106.80000	0.00000	0.00000	0.07414	1	
		7937	117.98424	-11.40058	106.80000	0.00000	0.00000	0.06386	1	
		7938	119.97942	-11.40058	106.80000	0.00000	0.00000	0.05493	1	
		7939	121.97460	-11.40058	106.80000	0.00000	0.00000	0.04716	1	
		7940	123.96978	-11.40058	106.80000	0.00000	0.00000	0.04038	1	
		7941	125.96496	-11.40058	106.80000	0.00000	0.00000	0.03446	1	
		7942	127.96014	-11.40058	106.80000	0.00000	0.00000	0.02929	1	
		7943	129.95532	-11.40058	106.80000	0.00000	0.00000	0.02476	1	
		7944	131.95050	-11.40058	106.80000	0.00000	0.00000	0.02081	1	
		7945	133.94568	-11.40058	106.80000	0.00000	0.00000	0.01734	1	
		7946	135.94086	-11.40058	106.80000	0.00000	0.00000	0.01431	1	
		7947	137.93604	-11.40058	106.80000	0.00000	0.00000	0.01165	1	
		7948	139.93122	-11.40058	106.80000	0.00000	0.00000	0.00932	1	
		7949	141.92640	-11.40058	106.80000	0.00000	0.00000	0.00729	1	
		7950	143.92158	-11.40058	106.80000	0.00000	0.00000	0.00550	1	
		7951	145.91676	-11.40058	106.80000	0.00000	0.00000	0.00395	1	
		7952	147.91194	-11.40058	106.80000	0.00000	0.00000	0.00259	1	
		7953	149.90712	-11.40058	106.80000	0.00000	0.00000	0.00140	1	
		7954	151.90230	-11.40058	106.80000	0.00000	0.00000	0.00037	1	
		7955	153.89748	-11.40058	106.80000	0.00000	0.00000	-0.00053	1	
		7956	155.89266	-11.40058	106.80000	0.00000	0.00000	-0.00130	1	
		7957	157.88784	-11.40058	106.80000	0.00000	0.00000	-0.00198	1	
		7958	159.88302	-11.40058	106.80000	0.00000	0.00000	-0.00256	1	
		7959	161.87820	-11.40058	106.80000	0.00000	0.00000	-0.00306	1	
		7960	163.87338	-11.40058	106.80000	0.00000	0.00000	-0.00349	1	
		7961	165.86856	-11.40058	106.80000	0.00000	0.00000	-0.00385	1	
		7962	167.86374	-11.40058	106.80000	0.00000	0.00000	-0.00416	1	
		7963	169.85892	-11.40058	106.80000	0.00000	0.00000	-0.00442	1	
		7964	171.85410	-11.40058	106.80000	0.00000	0.00000	-0.00464	1	
		7965	173.84928	-11.40058	106.80000	0.00000	0.00000	-0.00481	1	
		7966	175.84446	-11.40058	106.80000	0.00000	0.00000	-0.00496	1	
		7967	177.83964	-11.40058	106.80000	0.00000	0.00000	-0.00507	1	
		7968	179.83482	-11.40058	106.80000	0.00000	0.00000	-0.00516	1	
		7969	181.83000	-11.40058	106.80000	0.00000	0.00000	-0.00523	1	
		7970	-95.50000	-9.52583	106.80000	0.00000	0.00000	0.00721	1	
		7971	-93.50482	-9.52583	106.80000	0.00000	0.00000	0.00965	1	
		7972	-91.50964	-9.52583	106.80000	0.00000	0.00000	0.01245	1	
		7973	-89.51446	-9.52583	106.80000	0.00000	0.00000	0.01566	1	
		7974	-87.51928	-9.52583	106.80000	0.00000	0.00000	0.01932	1	
		7975	-85.52410	-9.52583	106.80000	0.00000	0.00000	0.02351	1	
		7976	-83.52892	-9.52583	106.80000	0.00000	0.00000	0.02830	1	
		7977	-81.53374	-9.52583	106.80000	0.00000	0.00000	0.03378	1	
		7978	-79.53856	-9.52583	106.80000	0.00000	0.00000	0.04004	1	
		7979	-77.54338	-9.52583	106.80000	0.00000	0.00000	0.04722	1	
		7980	-75.54820	-9.52583	106.80000	0.00000	0.00000	0.05543	1	
		7981	-73.55302	-9.52583	106.80000	0.00000	0.00000	0.06484	1	
		7982	-71.55784	-9.52583	106.80000	0.00000	0.00000	0.07563	1	
		7983	-69.56266	-9.52583	106.80000	0.00000	0.00000	0.08803	1	
		7984	-67.56748	-9.52583	106.80000	0.00000	0.00000	0.10227	1	
		7985	-65.57230	-9.52583	106.80000	0.00000	0.00000	0.11866	1	
		7986	-63.57712	-9.52583	106.80000	0.00000	0.00000	0.13755	1	
		7987	-61.58194	-9.52583	106.80000	0.00000	0.00000	0.15936	1	
		7988	-59.58676	-9.52583	106.80000	0.00000	0.00000	0.18460	1	
		7989	-57.59158	-9.52583	106.80000	0.00000	0.00000	0.21397	1	
		7990	-55.59640	-9.52583	106.80000	0.00000	0.00000	0.24791	1	
		7991	-53.60122	-9.52583	106.80000	0.00000	0.00000	0.28761	1	
		7992	-51.60604	-9.52583	106.80000	0.00000	0.00000	0.33408	1	
		7993	-49.61086	-9.52583	106.80000	0.00000	0.00000	0.38869	1	
		7994	-47.61568	-9.52583	106.80000	0.00000	0.00000	0.45317	1	
		7995	-45.62050	-9.52583	106.80000	0.00000	0.00000	0.52972	1	
		7996	-43.62532	-9.52583	106.80000	0.00000	0.00000	0.62122	1	
		7997	-41.63014	-9.52583	106.80000	0.00000	0.00000	0.73142	1	
		7998	-39.63496	-9.52583	106.80000					

	Job No.	Sheet No.	Rev.
	Drg. Ref.		
Made by	Date 20-Sep-2024	Checked	Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		8019	2.26381	-9.52583	106.80000	0.00000	0.00000	11.57762	1
		8020	4.25899	-9.52583	106.80000	0.00000	0.00000	11.40524	1
		8021	6.25417	-9.52583	106.80000	0.00000	0.00000	11.15966	1
		8022	8.24935	-9.52583	106.80000	0.00000	0.00000	10.81233	1
		8023	10.24453	-9.52583	106.80000	0.00000	0.00000	10.30024	1
		8024	12.23971	-9.52583	106.80000	0.00000	0.00000	9.39815	1
		8025	14.23489	-9.52583	106.80000	0.00000	0.00000	6.68057	1
		8026	16.23007	-9.52583	106.80000	0.00000	0.00000	5.68367	1
		8027	18.22525	-9.52583	106.80000	0.00000	0.00000	5.07271	1
		8028	20.22043	-9.52583	106.80000	0.00000	0.00000	4.57855	1
		8029	22.21561	-9.52583	106.80000	0.00000	0.00000	4.11018	1
		8030	24.21079	-9.52583	106.80000	0.00000	0.00000	3.58676	1
		8031	26.20597	-9.52583	106.80000	0.00000	0.00000	2.86400	1
		8032	28.20115	-9.52583	106.80000	0.00000	0.00000	2.06316	1
		8033	30.19633	-9.52583	106.80000	0.00000	0.00000	1.57386	1
		8034	32.19151	-9.52583	106.80000	0.00000	0.00000	1.25043	1
		8035	34.18669	-9.52583	106.80000	0.00000	0.00000	1.01936	1
		8036	36.18187	-9.52583	106.80000	0.00000	0.00000	0.84654	1
		8037	38.17705	-9.52583	106.80000	0.00000	0.00000	0.71333	1
		8038	40.17223	-9.52583	106.80000	0.00000	0.00000	0.60855	1
		8039	42.16741	-9.52583	106.80000	0.00000	0.00000	0.52501	1
		8040	44.16259	-9.52583	106.80000	0.00000	0.00000	0.45792	1
		8041	46.15777	-9.52583	106.80000	0.00000	0.00000	0.40392	1
		8042	48.15295	-9.52583	106.80000	0.00000	0.00000	0.36063	1
		8043	50.14813	-9.52583	106.80000	0.00000	0.00000	0.32633	1
		8044	52.14331	-9.52583	106.80000	0.00000	0.00000	0.29977	1
		8045	54.13849	-9.52583	106.80000	0.00000	0.00000	0.28007	1
		8046	56.13367	-9.52583	106.80000	0.00000	0.00000	0.26662	1
		8047	58.12885	-9.52583	106.80000	0.00000	0.00000	0.25907	1
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Oasys

Job No.

Sheet No.

Rev.

Drg. Ref.

Made by

Date

20-Sep-2024

Checked

Date

Set: Ref.

Set: Name

Result: Ref.

Coordinates: x [m]

Coordinates: y [m]

Coordinates: z [m]

Displacements: x [mm]

Displacements: y [mm]

Displacements: z [mm]

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Oasys

	Job No.	Sheet No.	Rev.
	Drg. Ref.		
Made by	Date 20-Sep-2024	Checked	Date

Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
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		8413	-49.61086	-3.90158	106.80000	0.00000	0.00000	0.39616	1
		8414	-47.61568	-3.90158	106.80000	0.00000	0.00000	0.46176	1
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		8416	-43.62532	-3.90158	106.80000	0.00000	0.00000	0.63208	1
		8417	-41.63014	-3.90158	106.80000	0.00000	0.00000	0.74311	1
		8418	-39.63496	-3.90158	106.80000	0.00000	0.00000	0.87721	1
		8419	-37.63978	-3.90158	106.80000	0.00000	0.00000	1.04057	1
		8420	-35.64460	-3.90158	106.80000	0.00000	0.00000	1.24159	1
		8421	-33.64942	-3.90158	106.80000	0.00000	0.00000	1.49196	1
		8422	-31.65424	-3.90158	106.80000	0.00000	0.00000	1.80853	1
		8423	-29.65906	-3.90158	106.80000	0.00000	0.00000	2.21674	1
		8424	-27.66388	-3.90158	106.80000	0.00000	0.00000	2.75862	1
		8425	-25.66871	-3.90158	106.80000	0.00000	0.00000	3.51666	1
		8426	-23.67353	-3.90158	106.80000	0.00000	0.00000	4.72797	1
		8427	-21.67835	-3.90158	106.80000	0.00000	0.00000	6.02375	1
		8428	-19.68317	-3.90158	106.80000	0.00000	0.00000	8.63977	1
		8429	-17.68799	-3.90158	106.80000	0.00000	0.00000	10.47586	1
		8430	-15.69281	-3.90158	106.80000	0.00000	0.00000	11.01946	1
		8431	-13.69763	-3.90158	106.80000	0.00000	0.00000	11.39802	1
		8432	-11.70245	-3.90158	106.80000	0.00000	0.00000	11.66732	1
		8433	-9.70727	-3.90158	106.80000	0.00000	0.00000	11.85656	1
		8434	-7.71209	-3.90158	106.80000	0.00000	0.00000	12.08224	1
		8435	-5.71691	-3.90158	106.80000	0.00000	0.00000	12.05364	1
		8436	-3.72173	-3.90158	106.80000	0.00000	0.00000	12.07524	1
		8437	-1.72655	-3.90158	106.80000	0.00000	0.00000	12.04779	1
		8438	0.26863	-3.90158	106.80000	0.00000	0.00000	11.96834	1
		8439	2.26381	-3.90158	106.80000	0.00000	0.00000	11.82957	1
		8440	4.25899	-3.90158	106.80000	0.00000	0.00000	11.61786	1
		8441	6.25417	-3.90158	106.80000	0.00000	0.00000	11.30879	1
		8442	8.24935	-3.90158	106.80000	0.00000	0.00000	10.85634	1
		8443	10.24453	-3.90158	106.80000	0.00000	0.00000	10.16031	1
		8444	12.23971	-3.90158	106.80000	0.00000	0.00000	8.90342	1
		8445	14.23489	-3.90158	106.80000	0.00000	0.00000	5.58043	1
		8446	16.23007	-3.90158	106.80000	0.00000	0.00000	4.22199	1
		8447	18.22525	-3.90158	106.80000	0.00000	0.00000	3.44827	1
		8448	20.22043	-3.90158	106.80000	0.00000	0.00000	2.50113	1
		8449	22.21561	-3.90158	106.80000	0.00000	0.00000	2.47199	1
		8450	24.21079	-3.90158	106.80000	0.00000	0.00000	2.11230	1
		8451	26.20597	-3.90158	106.80000	0.00000	0.00000	1.79965	1
		8452	28.20115	-3.90158	106.80000	0.00000	0.00000	1.52651	1
		8453	30.19633	-3.90158	106.80000	0.00000	0.00000	1.29186	1
		8454	32.19151	-3.90158	106.80000	0.00000	0.00000	1.09442	1
		8455	34.18669	-3.90158	106.80000	0.00000	0.00000	0.93062	1
		8456	36.18187	-3.90158	106.80000	0.00000	0.00000	0.79563	1
		8457	38.17705	-3.90158	106.80000	0.00000	0.00000	0.68466	1
		8458	40.17223	-3.90158	106.80000	0.00000	0.00000	0.59352	1
		8459	42.16741	-3.90158	106.80000	0.00000	0.00000	0.51877	1
		8460	44.16259	-3.90158	106.80000	0.00000	0.00000	0.45770	1
		8461	46.15777	-3.90158	106.80000	0.00000	0.00000	0.40815	1
		8462	48.15295	-3.90158	106.80000	0.00000	0.00000	0.36850	1
		8463	50.14813	-3.90158	106.80000	0.00000	0.00000	0.33751	1
		8464	52.14331	-3.90158	106.80000	0.00000	0.00000	0.31427	1
		8465	54.13849	-3.90158	106.80000	0.00000	0.00000	0.29821	1
		8466	56.13367	-3.90158	106.80000	0.00000	0.00000	0.28899	1
		8467	58.12885	-3.90158	106.80000	0.00000	0.00000	0.28658	1
		8468	60.12403	-3.90158	106.80000	0.00000	0.00000	0.29129	1
		8469	62.11921	-3.90158	106.80000	0.00000	0.00000	0.30380	1
		8470	64.11439	-3.90158	106.80000	0.00000	0.00000	0.32539	1
		8471	66.10957	-3.90158	106.80000	0.00000	0.00000	0.35822	1
		8472	68.10475	-3.90158	106.80000	0.00000	0.00000	0.40600	1
		8473	70.09993	-3.90158	106.80000	0.00000	0.00000	0.47539	1
		8474	72.09511	-3.90158	106.80000	0.00000	0.00000	0.57986	1
		8475	74.09029	-3.90158	106.80000	0.00000	0.00000	0.75286	1
		8476	76.08547	-3.90158	106.80000	0.00000	0.00000	1.13477	1
		8477	78.08065	-3.90158	106.80000	0.00000	0.00000	1.93433	1
		8478	80.07583	-3.90158	106.80000	0.00000	0.00000	2.17640	1
		8479	82.07101	-3.90158	106.80000	0.00000	0.00000	2.86615	1
		8480	84.06619	-3.90158	106.80000	0.00000	0.00000	2.32918	1
		8481	86.06137	-3.90158	106.80000	0.00000	0.00000	2.32183	1
		8482	88.05655	-3.90158	106.80000	0.00000	0.00000	2.26264	1
		8483	90.05173	-3.90158	106.80000	0.00000	0.00000	2.13031	1
		8484	92.04691	-3.90158	106.80000	0.00000	0.00000	1.83688	1
		8485	94.04209	-3.90158	106.80000	0.00000	0.00000	0.99846	1
		8486	96.03727	-3.90158	106.80000	0.00000	0.00000	0.67387	1
		8487	98.03245	-3.90158	106.80000	0.00000	0.00000	0.50827	1
		8488	100.02763	-3.90158	106.80000	0.00000	0.00000	0.40144	1
		8489	102.02281	-3.90158	106.80000	0.00000	0.00000	0.32540	1
		8490	104.01799	-3.90158	106.80000	0.00000	0.00000	0.26817	1
		8491	106.01317	-3.90158	106.80000	0.00000	0.00000	0.22352	1
		8492	108.00835	-3.90158	106.80000	0.00000	0.00000	0.18781	1
		8493	110.00353	-3.90158	106.80000	0.00000	0.00000	0.15872	1
		8494	111.99871	-3.90158	106.80000	0.00000	0.00000	0.13469	1
		8495	113.99388	-3.90158	106.80000	0.00000	0.00000	0.11463	1
		8496	115.98906	-3.90158	106.80000	0.00000	0.00000	0.09775	1
		8497	117.98424	-3.90158	106.80000	0.00000	0.00000	0.08344	1
		8498	119.97942	-3.90158	106.80000	0.00000	0.00000	0.07124	1
		8499	121.97460	-3.90158	106.80000	0.00000	0.00000	0.06081	1
		8500	123.96978	-3.90158	106.80000	0.00000	0.00000	0.05184	1
		8501	125.96496	-3.90158	106.80000	0.00000	0.00000	0.04412	1
		8502	127.96014	-3.90158	106.80000	0.00000	0.00000	0.03744	1
		8503	129.95532	-3.90158	106.80000	0.00000	0.00000	0.03167	1
		8504	131.95050	-3.90158	106.80000	0.00000	0.00000	0.02666	1
		8505	133.94568	-3.90158	106.80000	0.00000	0.00000	0.02232	1
		8506	135.94086	-3.90158	106.80000	0.00000	0.00000	0.01855	1
		8507	137.93604	-3.90158	106.80000	0.00000	0.00000	0.01526	1
		8508	139.93122	-3.90158	106.80000	0.00000	0.00000	0.01241	1
		8509	141.92640	-3.90158	106.80000	0.00000	0.00000	0.00993	1
		8510	143.92158	-3.90158	106.80000	0.00000	0.00000	0.00777	1
		8511	145.91676	-3.90158	106.80000	0.00000	0.00000	0.00588	1
		8512	147.91194	-3.90158	106.80000	0.00000	0.00000	0.00425	1
		8513	149.90712	-3.90158	106.80000	0.00000	0.00000	0.00283	1
		8514	151.90230	-3.90158	106.80000	0.00000	0.00000	0.00159	1
		8515	153.89748	-3.90158	106.80000	0.00000	0.00000	0.00052	1
		8516	155.89266	-3.90158	106.80000	0.00000	0.00000	-0.00040	1
		8517	157.88784	-3.90158	106.80000	0.00000	0.00000	-0.00120	1
		8518	159.88302	-3.90158	106.80000	0.00000	0.00000	-0.00189	1
		8519	161.87820	-3.90158	106.80000	0.00000	0.00000	-0.00249	1
		8520	163.87338	-3.90158	106.80000	0.00000	0.00000	-0.00300	1
		8521	165.86856	-3.90158	106.80000	0.00000	0.00000	-0.00343	1
		8522	167.86374	-3.90158	106.80000	0.00000	0.00000	-0.00380	1
		8523	169.85892	-3.90158	106.80000	0.00000	0.00000	-0.00411	1
		8524	171.85410	-3.90158	106.80000	0.00000	0.00000	-0.00	

								Job No.	Sheet No.	Rev.
								Drg. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		8539	-77.54338	-2.02683	106.80000	0.00000	0.00000	0.04798	1	
		8540	-75.54820	-2.02683	106.80000	0.00000	0.00000	0.05632	1	
		8541	-73.55302	-2.02683	106.80000	0.00000	0.00000	0.06588	1	
		8542	-71.55784	-2.02683	106.80000	0.00000	0.00000	0.07684	1	
		8543	-69.56266	-2.02683	106.80000	0.00000	0.00000	0.08943	1	
		8544	-67.56748	-2.02683	106.80000	0.00000	0.00000	0.10390	1	
		8545	-65.57230	-2.02683	106.80000	0.00000	0.00000	0.12056	1	
		8546	-63.57712	-2.02683	106.80000	0.00000	0.00000	0.13976	1	
		8547	-61.58194	-2.02683	106.80000	0.00000	0.00000	0.16194	1	
		8548	-59.58676	-2.02683	106.80000	0.00000	0.00000	0.18759	1	
		8549	-57.59158	-2.02683	106.80000	0.00000	0.00000	0.21733	1	
		8550	-55.59640	-2.02683	106.80000	0.00000	0.00000	0.25190	1	
		8551	-53.60122	-2.02683	106.80000	0.00000	0.00000	0.29219	1	
		8552	-51.60604	-2.02683	106.80000	0.00000	0.00000	0.33930	1	
		8553	-49.61086	-2.02683	106.80000	0.00000	0.00000	0.39457	1	
		8554	-47.61568	-2.02683	106.80000	0.00000	0.00000	0.45969	1	
		8555	-45.62050	-2.02683	106.80000	0.00000	0.00000	0.53676	1	
		8556	-43.62532	-2.02683	106.80000	0.00000	0.00000	0.62846	1	
		8557	-41.63014	-2.02683	106.80000	0.00000	0.00000	0.73825	1	
		8558	-39.63496	-2.02683	106.80000	0.00000	0.00000	0.87062	1	
		8559	-37.63978	-2.02683	106.80000	0.00000	0.00000	1.03155	1	
		8560	-35.64460	-2.02683	106.80000	0.00000	0.00000	1.22912	1	
		8561	-33.64942	-2.02683	106.80000	0.00000	0.00000	1.47462	1	
		8562	-31.65424	-2.02683	106.80000	0.00000	0.00000	1.78437	1	
		8563	-29.65906	-2.02683	106.80000	0.00000	0.00000	2.18342	1	
		8564	-27.66388	-2.02683	106.80000	0.00000	0.00000	2.67409	1	
		8565	-25.66871	-2.02683	106.80000	0.00000	0.00000	3.46121	1	
		8566	-23.67353	-2.02683	106.80000	0.00000	0.00000	4.66717	1	
		8567	-21.67835	-2.02683	106.80000	0.00000	0.00000	7.96775	1	
		8568	-19.68317	-2.02683	106.80000	0.00000	0.00000	15.59619	1	
		8569	-17.68799	-2.02683	106.80000	0.00000	0.00000	30.94602	1	
		8570	-15.69281	-2.02683	106.80000	0.00000	0.00000	11.00131	1	
		8571	-13.69763	-2.02683	106.80000	0.00000	0.00000	11.38898	1	
		8572	-11.70245	-2.02683	106.80000	0.00000	0.00000	11.66512	1	
		8573	-9.70727	-2.02683	106.80000	0.00000	0.00000	11.85937	1	
		8574	-7.71209	-2.02683	106.80000	0.00000	0.00000	12.08852	1	
		8575	-5.71691	-2.02683	106.80000	0.00000	0.00000	12.06199	1	
		8576	-3.72173	-2.02683	106.80000	0.00000	0.00000	12.08429	1	
		8577	-1.72655	-2.02683	106.80000	0.00000	0.00000	12.05603	1	
		8578	0.26863	-2.02683	106.80000	0.00000	0.00000	11.97402	1	
		8579	2.26381	-2.02683	106.80000	0.00000	0.00000	11.83047	1	
		8580	4.25899	-2.02683	106.80000	0.00000	0.00000	11.61101	1	
		8581	6.25417	-2.02683	106.80000	0.00000	0.00000	11.29022	1	
		8582	8.24935	-2.02683	106.80000	0.00000	0.00000	10.82091	1	
		8583	10.24453	-2.02683	106.80000	0.00000	0.00000	10.10206	1	
		8584	12.23971	-2.02683	106.80000	0.00000	0.00000	8.90725	1	
		8585	14.23489	-2.02683	106.80000	0.00000	0.00000	5.46499	1	
		8586	16.23007	-2.02683	106.80000	0.00000	0.00000	4.08154	1	
		8587	18.22525	-2.02683	106.80000	0.00000	0.00000	3.29152	1	
		8588	20.22043	-2.02683	106.80000	0.00000	0.00000	2.73874	1	
		8589	22.21561	-2.02683	106.80000	0.00000	0.00000	2.31498	1	
		8590	24.21079	-2.02683	106.80000	0.00000	0.00000	1.97107	1	
		8591	26.20597	-2.02683	106.80000	0.00000	0.00000	1.68208	1	
		8592	28.20115	-2.02683	106.80000	0.00000	0.00000	1.43559	1	
		8593	30.19633	-2.02683	106.80000	0.00000	0.00000	1.22534	1	
		8594	32.19151	-2.02683	106.80000	0.00000	0.00000	1.04730	1	
		8595	34.18669	-2.02683	106.80000	0.00000	0.00000	0.89772	1	
		8596	36.18187	-2.02683	106.80000	0.00000	0.00000	0.77280	1	
		8597	38.17705	-2.02683	106.80000	0.00000	0.00000	0.66890	1	
		8598	40.17223	-2.02683	106.80000	0.00000	0.00000	0.58277	1	
		8599	42.16741	-2.02683	106.80000	0.00000	0.00000	0.51165	1	
		8600	44.16259	-2.02683	106.80000	0.00000	0.00000	0.45329	1	
		8601	46.15777	-2.02683	106.80000	0.00000	0.00000	0.40586	1	
		8602	48.15295	-2.02683	106.80000	0.00000	0.00000	0.36796	1	
		8603	50.14813	-2.02683	106.80000	0.00000	0.00000	0.33851	1	
		8604	52.14331	-2.02683	106.80000	0.00000	0.00000	0.31673	1	
		8605	54.13849	-2.02683	106.80000	0.00000	0.00000	0.30215	1	
		8606	56.13367	-2.02683	106.80000	0.00000	0.00000	0.29454	1	
		8607	58.12885	-2.02683	106.80000	0.00000	0.00000	0.29397	1	
		8608	60.12403	-2.02683	106.80000	0.00000	0.00000	0.30087	1	
		8609	62.11921	-2.02683	106.80000	0.00000	0.00000	0.31611	1	
		8610	64.11439	-2.02683	106.80000	0.00000	0.00000	0.34122	1	
		8611	66.10957	-2.02683	106.80000	0.00000	0.00000	0.37871	1	
		8612	68.10475	-2.02683	106.80000	0.00000	0.00000	0.43289	1	
		8613	70.09993	-2.02683	106.80000	0.00000	0.00000	0.51140	1	
		8614	72.09511	-2.02683	106.80000	0.00000	0.00000	0.62835	1	
		8615	74.09029	-2.02683	106.80000	0.00000	0.00000	0.82269	1	
		8616	76.08547	-2.02683	106.80000	0.00000	0.00000	1.23304	1	
		8617	78.08065	-2.02683	106.80000	0.00000	0.00000	2.06495	1	
		8618	80.07583	-2.02683	106.80000	0.00000	0.00000	2.33115	1	
		8619	82.07101	-2.02683	106.80000	0.00000	0.00000	2.55475	1	
		8620	84.06619	-2.02683	106.80000	0.00000	0.00000	2.50368	1	
		8621	86.06137	-2.02683	106.80000	0.00000	0.00000	2.49571	1	
		8622	88.05655	-2.02683	106.80000	0.00000	0.00000	2.42925	1	
		8623	90.05173	-2.02683	106.80000	0.00000	0.00000	2.28150	1	
		8624	92.04691	-2.02683	106.80000	0.00000	0.00000	1.96288	1	
		8625	94.04209	-2.02683	106.80000	0.00000	0.00000	1.09250	1	
		8626	96.03727	-2.02683	106.80000	0.00000	0.00000	0.73994	1	
		8627	98.03245	-2.02683	106.80000	0.00000	0.00000	0.55530	1	
		8628	100.02763	-2.02683	106.80000	0.00000	0.00000	0.43590	1	
		8629	102.02281	-2.02683	106.80000	0.00000	0.00000	0.35134	1	
		8630	104.01799	-2.02683	106.80000	0.00000	0.00000	0.28814	1	
		8631	106.01317	-2.02683	106.80000	0.00000	0.00000	0.23917	1	
		8632	108.00835	-2.02683	106.80000	0.00000	0.00000	0.20024	1	
		8633	110.00353	-2.02683	106.80000	0.00000	0.00000	0.16870	1	
		8634	111.99871	-2.02683	106.80000	0.00000	0.00000	0.14278	1	
		8635	113.99388	-2.02683	106.80000	0.00000	0.00000	0.12124	1	
		8636	115.98906	-2.02683	106.80000	0.00000	0.00000	0.10318	1	
		8637	117.98424	-2.02683	106.80000	0.00000	0.00000	0.08793	1	
		8638	119.97942	-2.02683	106.80000	0.00000	0.00000	0.07497	1	
		8639	121.97460	-2.02683	106.80000	0.00000	0.00000	0.06391	1	
		8640	123.96978	-2.02683	106.80000	0.00000	0.00000	0.05444	1	
		8641	125.96496	-2.02683	106.80000	0.00000	0.00000	0.04630	1	
		8642	127.96014	-2.02683	106.80000	0.00000	0.00000	0.03928	1	
		8643	129.95532	-2.02683	106.80000	0.00000	0.00000	0.03322	1	
		8644	131.95050	-2.02683	106.80000	0.00000	0.00000	0.02898	1	
		8645	133.94568	-2.02683	106.80000	0.00000	0.00000	0.02343	1	
		8646	135.94086	-2.02683	106.80000	0.00000	0.00000	0.01949	1	
		8647	137.93604	-2.02683	106.80000	0.00000	0.00000	0.01607	1	
		8648	139.93122	-2.02683	106.80000	0.00000	0.00000	0.01309	1	
		8649	1							

Oasys								Job No.		Sheet No.		Rev.	
								Drg. Ref.					
								Made by		Date 20-Sep-2024		Checked	
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]					
		8669	181.83000	-2.02683	106.80000	0.00000	0.00000	-0.00508	1				
		8670	-95.50000	-0.15209	106.80000	0.00000	0.00000	0.00734	1				
		8671	-93.50482	-0.15209	106.80000	0.00000	0.00000	0.00981	1				
		8672	-91.50964	-0.15209	106.80000	0.00000	0.00000	0.01263	1				
		8673	-89.51446	-0.15209	106.80000	0.00000	0.00000	0.01586	1				
		8674	-87.51928	-0.15209	106.80000	0.00000	0.00000	0.01956	1				
		8675	-85.52410	-0.15209	106.80000	0.00000	0.00000	0.02379	1				
		8676	-83.52892	-0.15209	106.80000	0.00000	0.00000	0.02863	1				
		8677	-81.53374	-0.15209	106.80000	0.00000	0.00000	0.03416	1				
		8678	-79.53856	-0.15209	106.80000	0.00000	0.00000	0.04048	1				
		8679	-77.54338	-0.15209	106.80000	0.00000	0.00000	0.04772	1				
		8680	-75.54820	-0.15209	106.80000	0.00000	0.00000	0.05602	1				
		8681	-73.55302	-0.15209	106.80000	0.00000	0.00000	0.06552	1				
		8682	-71.55784	-0.15209	106.80000	0.00000	0.00000	0.07641	1				
		8683	-69.56266	-0.15209	106.80000	0.00000	0.00000	0.08892	1				
		8684	-67.56748	-0.15209	106.80000	0.00000	0.00000	0.10329	1				
		8685	-65.57230	-0.15209	106.80000	0.00000	0.00000	0.11983	1				
		8686	-63.57712	-0.15209	106.80000	0.00000	0.00000	0.13888	1				
		8687	-61.58194	-0.15209	106.80000	0.00000	0.00000	0.16088	1				
		8688	-59.58676	-0.15209	106.80000	0.00000	0.00000	0.18631	1				
		8689	-57.59158	-0.15209	106.80000	0.00000	0.00000	0.21577	1				
		8690	-55.59640	-0.15209	106.80000	0.00000	0.00000	0.25000	1				
		8691	-53.60122	-0.15209	106.80000	0.00000	0.00000	0.28986	1				
		8692	-51.60604	-0.15209	106.80000	0.00000	0.00000	0.33642	1				
		8693	-49.61086	-0.15209	106.80000	0.00000	0.00000	0.39101	1				
		8694	-47.61568	-0.15209	106.80000	0.00000	0.00000	0.45525	1				
		8695	-45.62050	-0.15209	106.80000	0.00000	0.00000	0.53119	1				
		8696	-43.62532	-0.15209	106.80000	0.00000	0.00000	0.62143	1				
		8697	-41.63014	-0.15209	106.80000	0.00000	0.00000	0.72932	1				
		8698	-39.63496	-0.15209	106.80000	0.00000	0.00000	0.85921	1				
		8699	-37.63978	-0.15209	106.80000	0.00000	0.00000	1.01688	1				
		8700	-35.64460	-0.15209	106.80000	0.00000	0.00000	1.21021	1				
		8701	-33.64942	-0.15209	106.80000	0.00000	0.00000	1.45023	1				
		8702	-31.65424	-0.15209	106.80000	0.00000	0.00000	1.75309	1				
		8703	-29.65906	-0.15209	106.80000	0.00000	0.00000	2.14384	1				
		8704	-27.66388	-0.15209	106.80000	0.00000	0.00000	2.66542	1				
		8705	-25.66871	-0.15209	106.80000	0.00000	0.00000	3.40416	1				
		8706	-23.67353	-0.15209	106.80000	0.00000	0.00000	4.46044	1				
		8707	-21.67835	-0.15209	106.80000	0.00000	0.00000	7.90426	1				
		8708	-19.68317	-0.15209	106.80000	0.00000	0.00000	9.53572	1				
		8709	-17.68799	-0.15209	106.80000	0.00000	0.00000	10.39068	1				
		8710	-15.69281	-0.15209	106.80000	0.00000	0.00000	10.95157	1				
		8711	-13.69763	-0.15209	106.80000	0.00000	0.00000	11.34446	1				
		8712	-11.70245	-0.15209	106.80000	0.00000	0.00000	11.62516	1				
		8713	-9.70727	-0.15209	106.80000	0.00000	0.00000	11.82318	1				
		8714	-7.71209	-0.15209	106.80000	0.00000	0.00000	11.95524	1				
		8715	-5.71691	-0.15209	106.80000	0.00000	0.00000	12.03072	1				
		8716	-3.72173	-0.15209	106.80000	0.00000	0.00000	12.05408	1				
		8717	-1.72655	-0.15209	106.80000	0.00000	0.00000	12.02585	1				
		8718	0.26863	-0.15209	106.80000	0.00000	0.00000	11.94266	1				
		8719	2.26381	-0.15209	106.80000	0.00000	0.00000	11.79644	1				
		8720	4.25899	-0.15209	106.80000	0.00000	0.00000	11.57242	1				
		8721	6.25417	-0.15209	106.80000	0.00000	0.00000	11.24469	1				
		8722	8.24935	-0.15209	106.80000	0.00000	0.00000	10.76561	1				
		8723	10.24453	-0.15209	106.80000	0.00000	0.00000	10.03411	1				
		8724	12.23971	-0.15209	106.80000	0.00000	0.00000	8.73459	1				
		8725	14.23489	-0.15209	106.80000	0.00000	0.00000	5.36749	1				
		8726	16.23007	-0.15209	106.80000	0.00000	0.00000	3.97166	1				
		8727	18.22525	-0.15209	106.80000	0.00000	0.00000	3.17397	1				
		8728	20.22043	-0.15209	106.80000	0.00000	0.00000	2.61952	1				
		8729	22.21561	-0.15209	106.80000	0.00000	0.00000	2.20044	1				
		8730	24.21079	-0.15209	106.80000	0.00000	0.00000	1.86699	1				
		8731	26.20597	-0.15209	106.80000	0.00000	0.00000	1.59272	1				
		8732	28.20115	-0.15209	106.80000	0.00000	0.00000	1.36280	1				
		8733	30.19633	-0.15209	106.80000	0.00000	0.00000	1.16851	1				
		8734	32.19151	-0.15209	106.80000	0.00000	0.00000	1.00421	1				
		8735	34.18669	-0.15209	106.80000	0.00000	0.00000	0.86562	1				
		8736	36.18187	-0.15209	106.80000	0.00000	0.00000	0.74913	1				
		8737	38.17705	-0.15209	106.80000	0.00000	0.00000	0.65157	1				
		8738	40.17223	-0.15209	106.80000	0.00000	0.00000	0.57022	1				
		8739	42.16741	-0.15209	106.80000	0.00000	0.00000	0.50273	1				
		8740	44.16259	-0.15209	106.80000	0.00000	0.00000	0.44718	1				
		8741	46.15777	-0.15209	106.80000	0.00000	0.00000	0.40202	1				
		8742	48.15295	-0.15209	106.80000	0.00000	0.00000	0.36601	1				
		8743	50.14813	-0.15209	106.80000	0.00000	0.00000	0.33823	1				
		8744	52.14331	-0.15209	106.80000	0.00000	0.00000	0.31802	1				
		8745	54.13849	-0.15209	106.80000	0.00000	0.00000	0.30499	1				
		8746	56.13367	-0.15209	106.80000	0.00000	0.00000	0.29901	1				
		8747	58.12885	-0.15209	106.80000	0.00000	0.00000	0.30027	1				
		8748	60.12403	-0.15209	106.80000	0.00000	0.00000	0.30929	1				
		8749	62.11921	-0.15209	106.80000	0.00000	0.00000	0.32111	1				
		8750	64.11439	-0.15209	106.80000	0.00000	0.00000	0.35542	1				
		8751	66.10957	-0.15209	106.80000	0.00000	0.00000	0.39705	1				
		8752	68.10475	-0.15209	106.80000	0.00000	0.00000	0.45667	1				
		8753	70.09993	-0.15209	106.80000	0.00000	0.00000	0.54248	1				
		8754	72.09511	-0.15209	106.80000	0.00000	0.00000	0.67030	1				
		8755	74.09029	-0.15209	106.80000	0.00000	0.00000	0.87662	1				
		8											

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								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		8799	161.87820	-0.15209	106.80000	0.00000	0.00000	-0.00224	1	
		8800	163.87338	-0.15209	106.80000	0.00000	0.00000	-0.00279	1	
		8801	165.86856	-0.15209	106.80000	0.00000	0.00000	-0.00325	1	
		8802	167.86374	-0.15209	106.80000	0.00000	0.00000	-0.00364	1	
		8803	169.85892	-0.15209	106.80000	0.00000	0.00000	-0.00398	1	
		8804	171.85410	-0.15209	106.80000	0.00000	0.00000	-0.00426	1	
		8805	173.84928	-0.15209	106.80000	0.00000	0.00000	-0.00449	1	
		8806	175.84446	-0.15209	106.80000	0.00000	0.00000	-0.00468	1	
		8807	177.83964	-0.15209	106.80000	0.00000	0.00000	-0.00484	1	
		8808	179.83482	-0.15209	106.80000	0.00000	0.00000	-0.00496	1	
		8809	181.83000	-0.15209	106.80000	0.00000	0.00000	-0.00506	1	
		8810	-95.50000	1.72266	106.80000	0.00000	0.00000	0.00723	1	
		8811	-93.50482	1.72266	106.80000	0.00000	0.00000	0.00968	1	
		8812	-91.50964	1.72266	106.80000	0.00000	0.00000	0.01249	1	
		8813	-89.51446	1.72266	106.80000	0.00000	0.00000	0.01570	1	
		8814	-87.51928	1.72266	106.80000	0.00000	0.00000	0.01937	1	
		8815	-85.52410	1.72266	106.80000	0.00000	0.00000	0.02356	1	
		8816	-83.52892	1.72266	106.80000	0.00000	0.00000	0.02836	1	
		8817	-81.53374	1.72266	106.80000	0.00000	0.00000	0.03384	1	
		8818	-79.53856	1.72266	106.80000	0.00000	0.00000	0.04011	1	
		8819	-77.54338	1.72266	106.80000	0.00000	0.00000	0.04729	1	
		8820	-75.54820	1.72266	106.80000	0.00000	0.00000	0.05550	1	
		8821	-73.55302	1.72266	106.80000	0.00000	0.00000	0.06491	1	
		8822	-71.55784	1.72266	106.80000	0.00000	0.00000	0.07570	1	
		8823	-69.56266	1.72266	106.80000	0.00000	0.00000	0.08807	1	
		8824	-67.56748	1.72266	106.80000	0.00000	0.00000	0.10229	1	
		8825	-65.57230	1.72266	106.80000	0.00000	0.00000	0.11863	1	
		8826	-63.57712	1.72266	106.80000	0.00000	0.00000	0.13745	1	
		8827	-61.58194	1.72266	106.80000	0.00000	0.00000	0.15916	1	
		8828	-59.58676	1.72266	106.80000	0.00000	0.00000	0.18424	1	
		8829	-57.59158	1.72266	106.80000	0.00000	0.00000	0.21329	1	
		8830	-55.59640	1.72266	106.80000	0.00000	0.00000	0.24699	1	
		8831	-53.60122	1.72266	106.80000	0.00000	0.00000	0.28621	1	
		8832	-51.60604	1.72266	106.80000	0.00000	0.00000	0.33197	1	
		8833	-49.61086	1.72266	106.80000	0.00000	0.00000	0.38556	1	
		8834	-47.61568	1.72266	106.80000	0.00000	0.00000	0.44854	1	
		8835	-45.62050	1.72266	106.80000	0.00000	0.00000	0.52290	1	
		8836	-43.62532	1.72266	106.80000	0.00000	0.00000	0.61115	1	
		8837	-41.63014	1.72266	106.80000	0.00000	0.00000	0.71650	1	
		8838	-39.63496	1.72266	106.80000	0.00000	0.00000	0.84316	1	
		8839	-37.63978	1.72266	106.80000	0.00000	0.00000	0.99674	1	
		8840	-35.64460	1.72266	106.80000	0.00000	0.00000	1.18493	1	
		8841	-33.64942	1.72266	106.80000	0.00000	0.00000	1.41855	1	
		8842	-31.65424	1.72266	106.80000	0.00000	0.00000	1.71364	1	
		8843	-29.65906	1.72266	106.80000	0.00000	0.00000	2.09537	1	
		8844	-27.66388	1.72266	106.80000	0.00000	0.00000	2.56971	1	
		8845	-25.66871	1.72266	106.80000	0.00000	0.00000	3.13611	1	
		8846	-23.67353	1.72266	106.80000	0.00000	0.00000	4.52825	1	
		8847	-21.67835	1.72266	106.80000	0.00000	0.00000	7.82195	1	
		8848	-19.68317	1.72266	106.80000	0.00000	0.00000	14.45031	1	
		8849	-17.68799	1.72266	106.80000	0.00000	0.00000	10.00466	1	
		8850	-15.69281	1.72266	106.80000	0.00000	0.00000	10.86680	1	
		8851	-13.69763	1.72266	106.80000	0.00000	0.00000	11.26213	1	
		8852	-11.70245	1.72266	106.80000	0.00000	0.00000	11.54579	1	
		8853	-9.70727	1.72266	106.80000	0.00000	0.00000	11.74680	1	
		8854	-7.71209	1.72266	106.80000	0.00000	0.00000	11.89154	1	
		8855	-5.71691	1.72266	106.80000	0.00000	0.00000	11.95919	1	
		8856	-3.72173	1.72266	106.80000	0.00000	0.00000	11.98416	1	
		8857	-1.72655	1.72266	106.80000	0.00000	0.00000	11.95693	1	
		8858	0.26863	1.72266	106.80000	0.00000	0.00000	11.87408	1	
		8859	2.26381	1.72266	106.80000	0.00000	0.00000	11.72742	1	
		8860	4.25899	1.72266	106.80000	0.00000	0.00000	11.50202	1	
		8861	6.25417	1.72266	106.80000	0.00000	0.00000	11.17172	1	
		8862	8.24935	1.72266	106.80000	0.00000	0.00000	10.68874	1	
		8863	10.24453	1.72266	106.80000	0.00000	0.00000	9.95211	1	
		8864	12.23971	1.72266	106.80000	0.00000	0.00000	8.94670	1	
		8865	14.23489	1.72266	106.80000	0.00000	0.00000	5.27390	1	
		8866	16.23007	1.72266	106.80000	0.00000	0.00000	3.87384	1	
		8867	18.22525	1.72266	106.80000	0.00000	0.00000	3.07449	1	
		8868	20.22043	1.72266	106.80000	0.00000	0.00000	2.52170	1	
		8869	22.21561	1.72266	106.80000	0.00000	0.00000	2.10779	1	
		8870	24.21079	1.72266	106.80000	0.00000	0.00000	1.78269	1	
		8871	26.20597	1.72266	106.80000	0.00000	0.00000	1.51907	1	
		8872	28.20115	1.72266	106.80000	0.00000	0.00000	1.30085	1	
		8873	30.19633	1.72266	106.80000	0.00000	0.00000	1.11808	1	
		8874	32.19151	1.72266	106.80000	0.00000	0.00000	0.96415	1	
		8875	34.18669	1.72266	106.80000	0.00000	0.00000	0.83434	1	
		8876	36.18187	1.72266	106.80000	0.00000	0.00000	0.72499	1	
		8877	38.17705	1.72266	106.80000	0.00000	0.00000	0.63312	1	
		8878	40.17223	1.72266	106.80000	0.00000	0.00000	0.55625	1	
		8879	42.16741	1.72266	106.80000	0.00000	0.00000	0.49232	1	
		8880	44.16259	1.72266	106.80000	0.00000	0.00000	0.43963	1	
		8881	46.15777	1.72266	106.80000	0.00000	0.00000	0.39681	1	
		8882	48.15295	1.72266	106.80000	0.00000	0.00000	0.36278	1	
		8883	50.14813	1.72266	106.80000	0.00000	0.00000	0.33675	1	
		8884	52.14331	1.72266	106.80000	0.00000	0.00000	0.31817	1	
		8885	54.13849	1.72266	106.80000	0.00000	0.00000	0.30672	1	
		8886	56.13367	1.72266	106.80000	0.00000	0.00000	0.30237	1	
		8887	58.12885	1.72266	106.80000	0.00000	0.00000	0.30540	1	
		8888	60.12403	1.72266	106.80000	0.00000	0.00000	0.31643	1	
		8889	62.11921	1.72266	106.80000	0.00000	0.00000	0.33660	1	
		8890	64.11439	1.72266	106.80000	0.00000	0.00000	0.36778	1	
		8891	66.10957	1.72266	106.80000	0.00000	0.00000	0.41296	1	
		8892	68.10475	1.72266	106.80000	0.00000	0.00000	0.47706	1	
		8893	70.09993	1.72266	106.80000	0.00000	0.00000	0.56854	1	
		8894	72.09511	1.72266	106.80000	0.00000	0.00000	0.70346	1	
		8895	74.09029	1.72266	106.80000	0.00000	0.00000	0.91830	1	
		8896	76.08547	1.72266	106.80000	0.00000	0.00000	1.35291	1	
		8897	78.08065	1.72266	106.80000	0.00000	0.00000	2.21179	1	
		8898	80.07583	1.72266	106.80000	0.00000	0.00000	2.50021	1	
		8899	82.07101	1.72266	106.80000	0.00000	0.00000	2.63844	1	
		8900	84.06619	1.72266	106.80000	0.00000	0.00000	2.69429	1	
		8901	86.06137	1.72266	106.80000	0.00000	0.00000	2.68576	1	
		8902	88.05655	1.72266	106.80000	0.00000	0.00000	2.61131	1	
		8903	90.05173	1.72266	106.80000	0.00000	0.00000	2.44815	1	
		8904	92.04691	1.72266	106.80000	0.00000	0.00000	2.19796	1	
		8905	94.04209	1.72266	106.80000	0.00000	0.00000	1.21162	1	
		8906	96.03727	1.72266	106.80000	0.00000	0.00000	0.83305	1	
		8907	98.03245	1.72266	106.80000	0.00000	0.00000	0.62734	1	
		8908	100.02763	1.72266	106.80000	0.00000	0.00000	0.49172	1	
		8909	102.02281	1.72266	106.80000</					

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								Drg. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		8929	141.92640	1.72266	106.80000	0.00000	0.00000	0.01155	1	
		8930	143.92158	1.72266	106.80000	0.00000	0.00000	0.00915	1	
		8931	145.91676	1.72266	106.80000	0.00000	0.00000	0.00707	1	
		8932	147.91194	1.72266	106.80000	0.00000	0.00000	0.00526	1	
		8933	149.90712	1.72266	106.80000	0.00000	0.00000	0.00370	1	
		8934	151.90230	1.72266	106.80000	0.00000	0.00000	0.00234	1	
		8935	153.89748	1.72266	106.80000	0.00000	0.00000	0.00116	1	
		8936	155.89266	1.72266	106.80000	0.00000	0.00000	0.00015	1	
		8937	157.88784	1.72266	106.80000	0.00000	0.00000	-0.00073	1	
		8938	159.88302	1.72266	106.80000	0.00000	0.00000	-0.00149	1	
		8939	161.87820	1.72266	106.80000	0.00000	0.00000	-0.00214	1	
		8940	163.87338	1.72266	106.80000	0.00000	0.00000	-0.00269	1	
		8941	165.86856	1.72266	106.80000	0.00000	0.00000	-0.00317	1	
		8942	167.86374	1.72266	106.80000	0.00000	0.00000	-0.00358	1	
		8943	169.85892	1.72266	106.80000	0.00000	0.00000	-0.00392	1	
		8944	171.85410	1.72266	106.80000	0.00000	0.00000	-0.00420	1	
		8945	173.84928	1.72266	106.80000	0.00000	0.00000	-0.00444	1	
		8946	175.84446	1.72266	106.80000	0.00000	0.00000	-0.00464	1	
		8947	177.83964	1.72266	106.80000	0.00000	0.00000	-0.00480	1	
		8948	179.83482	1.72266	106.80000	0.00000	0.00000	-0.00493	1	
		8949	181.83000	1.72266	106.80000	0.00000	0.00000	-0.00503	1	
		8950	-95.50000	3.59741	106.80000	0.00000	0.00000	0.00709	1	
		8951	-93.50482	3.59741	106.80000	0.00000	0.00000	0.00951	1	
		8952	-91.50964	3.59741	106.80000	0.00000	0.00000	0.01229	1	
		8953	-89.51446	3.59741	106.80000	0.00000	0.00000	0.01546	1	
		8954	-87.51928	3.59741	106.80000	0.00000	0.00000	0.01909	1	
		8955	-85.52410	3.59741	106.80000	0.00000	0.00000	0.02324	1	
		8956	-83.52892	3.59741	106.80000	0.00000	0.00000	0.02798	1	
		8957	-81.53374	3.59741	106.80000	0.00000	0.00000	0.03340	1	
		8958	-79.53856	3.59741	106.80000	0.00000	0.00000	0.03960	1	
		8959	-77.54338	3.59741	106.80000	0.00000	0.00000	0.04668	1	
		8960	-75.54820	3.59741	106.80000	0.00000	0.00000	0.05479	1	
		8961	-73.55302	3.59741	106.80000	0.00000	0.00000	0.06407	1	
		8962	-71.55784	3.59741	106.80000	0.00000	0.00000	0.07471	1	
		8963	-69.56266	3.59741	106.80000	0.00000	0.00000	0.08690	1	
		8964	-67.56748	3.59741	106.80000	0.00000	0.00000	0.10090	1	
		8965	-65.57230	3.59741	106.80000	0.00000	0.00000	0.11698	1	
		8966	-63.57712	3.59741	106.80000	0.00000	0.00000	0.13549	1	
		8967	-61.58194	3.59741	106.80000	0.00000	0.00000	0.15681	1	
		8968	-59.58676	3.59741	106.80000	0.00000	0.00000	0.18144	1	
		8969	-57.59158	3.59741	106.80000	0.00000	0.00000	0.20992	1	
		8970	-55.59640	3.59741	106.80000	0.00000	0.00000	0.24293	1	
		8971	-53.60122	3.59741	106.80000	0.00000	0.00000	0.28130	1	
		8972	-51.60604	3.59741	106.80000	0.00000	0.00000	0.32603	1	
		8973	-49.61086	3.59741	106.80000	0.00000	0.00000	0.37832	1	
		8974	-47.61568	3.59741	106.80000	0.00000	0.00000	0.43970	1	
		8975	-45.62050	3.59741	106.80000	0.00000	0.00000	0.51205	1	
		8976	-43.62532	3.59741	106.80000	0.00000	0.00000	0.59779	1	
		8977	-41.63014	3.59741	106.80000	0.00000	0.00000	0.69998	1	
		8978	-39.63496	3.59741	106.80000	0.00000	0.00000	0.82268	1	
		8979	-37.63978	3.59741	106.80000	0.00000	0.00000	0.97130	1	
		8980	-35.64460	3.59741	106.80000	0.00000	0.00000	1.15327	1	
		8981	-33.64942	3.59741	106.80000	0.00000	0.00000	1.37923	1	
		8982	-31.65424	3.59741	106.80000	0.00000	0.00000	1.65500	1	
		8983	-29.65906	3.59741	106.80000	0.00000	0.00000	2.03570	1	
		8984	-27.66388	3.59741	106.80000	0.00000	0.00000	2.53494	1	
		8985	-25.66871	3.59741	106.80000	0.00000	0.00000	3.25059	1	
		8986	-23.67353	3.59741	106.80000	0.00000	0.00000	4.42957	1	
		8987	-21.67835	3.59741	106.80000	0.00000	0.00000	7.71164	1	
		8988	-19.68317	3.59741	106.80000	0.00000	0.00000	9.33114	1	
		8989	-17.68799	3.59741	106.80000	0.00000	0.00000	10.98010	1	
		8990	-15.69281	3.59741	106.80000	0.00000	0.00000	10.74029	1	
		8991	-13.69763	3.59741	106.80000	0.00000	0.00000	11.13634	1	
		8992	-11.70245	3.59741	106.80000	0.00000	0.00000	11.42235	1	
		8993	-9.70727	3.59741	106.80000	0.00000	0.00000	11.62632	1	
		8994	-7.71209	3.59741	106.80000	0.00000	0.00000	10.76399	1	
		8995	-5.71691	3.59741	106.80000	0.00000	0.00000	11.84429	1	
		8996	-3.72173	3.59741	106.80000	0.00000	0.00000	11.87160	1	
		8997	-1.72655	3.59741	106.80000	0.00000	0.00000	11.84648	1	
		8998	0.26863	3.59741	106.80000	0.00000	0.00000	11.76560	1	
		8999	2.26381	3.59741	106.80000	0.00000	0.00000	11.62082	1	
		9000	4.25899	3.59741	106.80000	0.00000	0.00000	11.39719	1	
		9001	6.25417	3.59741	106.80000	0.00000	0.00000	11.06851	1	
		9002	8.24935	3.59741	106.80000	0.00000	0.00000	10.58690	1	
		9003	10.24453	3.59741	106.80000	0.00000	0.00000	9.85137	1	
		9004	12.23971	3.59741	106.80000	0.00000	0.00000	8.84695	1	
		9005	14.23489	3.59741	106.80000	0.00000	0.00000	5.17537	1	
		9006	16.23007	3.59741	106.80000	0.00000	0.00000	3.77725	1	
		9007	18.22525	3.59741	106.80000	0.00000	0.00000	2.98107	1	
		9008	20.22043	3.59741	106.80000	0.00000	0.00000	2.43302	1	
		9009	22.21561	3.59741	106.80000	0.00000	0.00000	2.02556	1	
		9010	24.21079	3.59741	106.80000	0.00000	0.00000	1.70842	1	
		9011	26.20597	3.59741	106.80000	0.00000	0.00000	1.45382	1	
		9012	28.20115	3.59741	106.80000	0.00000	0.00000	1.24506	1	
		9013	30.19633	3.59741	106.80000	0.00000	0.00000	1.07149	1	
		9014	32.19151	3.59741	106.80000	0.00000	0.00000	0.82601	1	
		9015	34.18669	3.59741	106.80000	0.00000	0.00000	0.80358	1	
		9016	36.18187	3.59741	106.80000	0.00000	0.00000	0.70048	1	
		9017	38.17705	3.59741	106.80000	0.00000	0.00000	0.61377	1	
		9018	40.17223	3.59741	106.80000	0.00000	0.00000	0.54113	1	
		9019	42.16741	3.59741	106.80000	0.00000	0.00000	0.48065	1	
		9020	44.16259	3.59741	106.80000	0.00000	0.00000	0.43080	1	
		9021	46.15777	3.59741	106.80000	0.00000	0.00000	0.39036	1	
		9022	48.15295	3.59741	106.80000	0.00000	0.00000	0.35837	1	
		9023	50.14813	3.59741	106.80000	0.00000	0.00000	0.33413	1	
		9024	52.14331	3.59741	106.80000	0.00000	0.00000	0.31720	1	
		9025	54.13849	3.59741	106.80000	0.00000	0.00000	0.30734	1	
		9026	56.13367	3.59741	106.80000	0.00000	0.00000	0.30459	1	
		9027	58.12885	3.59741	106.80000	0.00000	0.00000	0.30931	1	
		9028	60.12403	3.59741	106.80000	0.00000	0.00000	0.32220	1	
		9029	62.11921	3.59741	106.80000	0.00000	0.00000	0.34451	1	
		9030	64.11439	3.59741	106.80000	0.00000	0.00000	0.37818	1	
		9031	66.10957	3.59741	106.80000	0.00000	0.00000	0.42635	1	
		9032	68.10475	3.59741	106.80000	0.00000	0.00000	0.49405	1	
		9033	70.09993	3.59741	106.80000	0.00000	0.00000	0.58988	1	
		9034	72.09511	3.59741	106.80000	0.00000	0.00000	0.72991	1	
		9035	74.09029	3.59741	106.80000	0.00000	0.00000	0.95050	1	
		9036	76.08547	3.59741	106.80000	0.00000	0.00000	1.39068	1	
		9037	78.08065	3.59741	106.80000	0.00000	0.00000	2.25611	1	
		9038	80.07583	3.59741	106.80000	0.00000	0.00000	2.55001	1	
		9039	82.07101	3.59741	106					

Oasys							Job No.		Sheet No.		Rev.	
							Drg. Ref.					
							Made by		Date 20-Sep-2024		Checked	
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]				
		9059	121.97460	3.59741	106.80000	0.00000	0.00000	0.07187	1			
		9060	123.96978	3.59741	106.80000	0.00000	0.00000	0.06109	1			
		9061	125.96496	3.59741	106.80000	0.00000	0.00000	0.05187	1			
		9062	127.96014	3.59741	106.80000	0.00000	0.00000	0.04397	1			
		9063	129.95532	3.59741	106.80000	0.00000	0.00000	0.03717	1			
		9064	131.95050	3.59741	106.80000	0.00000	0.00000	0.03131	1			
		9065	133.94568	3.59741	106.80000	0.00000	0.00000	0.02626	1			
		9066	135.94086	3.59741	106.80000	0.00000	0.00000	0.02189	1			
		9067	137.93604	3.59741	106.80000	0.00000	0.00000	0.01811	1			
		9068	139.93122	3.59741	106.80000	0.00000	0.00000	0.01483	1			
		9069	141.92640	3.59741	106.80000	0.00000	0.00000	0.01199	1			
		9070	143.92158	3.59741	106.80000	0.00000	0.00000	0.00953	1			
		9071	145.91676	3.59741	106.80000	0.00000	0.00000	0.00739	1			
		9072	147.91194	3.59741	106.80000	0.00000	0.00000	0.00554	1			
		9073	149.90712	3.59741	106.80000	0.00000	0.00000	0.00393	1			
		9074	151.90230	3.59741	106.80000	0.00000	0.00000	0.00254	1			
		9075	153.89748	3.59741	106.80000	0.00000	0.00000	0.00134	1			
		9076	155.89266	3.59741	106.80000	0.00000	0.00000	0.00030	1			
		9077	157.88784	3.59741	106.80000	0.00000	0.00000	-0.00060	1			
		9078	159.88302	3.59741	106.80000	0.00000	0.00000	-0.00138	1			
		9079	161.87820	3.59741	106.80000	0.00000	0.00000	-0.00204	1			
		9080	163.87338	3.59741	106.80000	0.00000	0.00000	-0.00261	1			
		9081	165.86856	3.59741	106.80000	0.00000	0.00000	-0.00310	1			
		9082	167.86374	3.59741	106.80000	0.00000	0.00000	-0.00351	1			
		9083	169.85892	3.59741	106.80000	0.00000	0.00000	-0.00386	1			
		9084	171.85410	3.59741	106.80000	0.00000	0.00000	-0.00416	1			
		9085	173.84928	3.59741	106.80000	0.00000	0.00000	-0.00440	1			
		9086	175.84446	3.59741	106.80000	0.00000	0.00000	-0.00461	1			
		9087	177.83964	3.59741	106.80000	0.00000	0.00000	-0.00477	1			
		9088	179.83482	3.59741	106.80000	0.00000	0.00000	-0.00490	1			
		9089	181.83000	3.59741	106.80000	0.00000	0.00000	-0.00501	1			
		9090	-95.50000	5.47216	106.80000	0.00000	0.00000	0.00690	1			
		9091	-93.50482	5.47216	106.80000	0.00000	0.00000	0.00929	1			
		9092	-91.50964	5.47216	106.80000	0.00000	0.00000	0.01203	1			
		9093	-89.51446	5.47216	106.80000	0.00000	0.00000	0.01517	1			
		9094	-87.51928	5.47216	106.80000	0.00000	0.00000	0.01874	1			
		9095	-85.52410	5.47216	106.80000	0.00000	0.00000	0.02283	1			
		9096	-83.52892	5.47216	106.80000	0.00000	0.00000	0.02751	1			
		9097	-81.53374	5.47216	106.80000	0.00000	0.00000	0.03284	1			
		9098	-79.53856	5.47216	106.80000	0.00000	0.00000	0.03894	1			
		9099	-77.54338	5.47216	106.80000	0.00000	0.00000	0.04591	1			
		9100	-75.54820	5.47216	106.80000	0.00000	0.00000	0.05389	1			
		9101	-73.55302	5.47216	106.80000	0.00000	0.00000	0.06301	1			
		9102	-71.55784	5.47216	106.80000	0.00000	0.00000	0.07345	1			
		9103	-69.56266	5.47216	106.80000	0.00000	0.00000	0.08542	1			
		9104	-67.56748	5.47216	106.80000	0.00000	0.00000	0.09914	1			
		9105	-65.57230	5.47216	106.80000	0.00000	0.00000	0.11490	1			
		9106	-63.57712	5.47216	106.80000	0.00000	0.00000	0.13301	1			
		9107	-61.58194	5.47216	106.80000	0.00000	0.00000	0.15387	1			
		9108	-59.58676	5.47216	106.80000	0.00000	0.00000	0.17792	1			
		9109	-57.59158	5.47216	106.80000	0.00000	0.00000	0.20571	1			
		9110	-55.59640	5.47216	106.80000	0.00000	0.00000	0.23788	1			
		9111	-53.60122	5.47216	106.80000	0.00000	0.00000	0.27522	1			
		9112	-51.60604	5.47216	106.80000	0.00000	0.00000	0.31868	1			
		9113	-49.61086	5.47216	106.80000	0.00000	0.00000	0.36941	1			
		9114	-47.61568	5.47216	106.80000	0.00000	0.00000	0.42886	1			
		9115	-45.62050	5.47216	106.80000	0.00000	0.00000	0.49881	1			
		9116	-43.62532	5.47216	106.80000	0.00000	0.00000	0.58155	1			
		9117	-41.63014	5.47216	106.80000	0.00000	0.00000	0.68001	1			
		9118	-39.63496	5.47216	106.80000	0.00000	0.00000	0.79801	1			
		9119	-37.63978	5.47216	106.80000	0.00000	0.00000	0.94073	1			
		9120	-35.64460	5.47216	106.80000	0.00000	0.00000	1.11531	1			
		9121	-33.64942	5.47216	106.80000	0.00000	0.00000	1.33201	1			
		9122	-31.65424	5.47216	106.80000	0.00000	0.00000	1.60628	1			
		9123	-29.65906	5.47216	106.80000	0.00000	0.00000	1.96291	1			
		9124	-27.66388	5.47216	106.80000	0.00000	0.00000	2.44532	1			
		9125	-25.66871	5.47216	106.80000	0.00000	0.00000	3.14169	1			
		9126	-23.67353	5.47216	106.80000	0.00000	0.00000	4.30010	1			
		9127	-21.67835	5.47216	106.80000	0.00000	0.00000	7.56248	1			
		9128	-19.68317	5.47216	106.80000	0.00000	0.00000	11.65590	1			
		9129	-17.68799	5.47216	106.80000	0.00000	0.00000	19.00447	1			
		9130	-15.69281	5.47216	106.80000	0.00000	0.00000	30.56043	1			
		9131	-13.69763	5.47216	106.80000	0.00000	0.00000	50.95714	1			
		9132	-11.70245	5.47216	106.80000	0.00000	0.00000	11.24651	1			
		9133	-9.70727	5.47216	106.80000	0.00000	0.00000	11.45463	1			
		9134	-7.71209	5.47216	106.80000	0.00000	0.00000	11.59622	1			
		9135	-5.71691	5.47216	106.80000	0.00000	0.00000	11.68000	1			
		9136	-3.72173	5.47216	106.80000	0.00000	0.00000	11.71055	1			
		9137	-1.72655	5.47216	106.80000	0.00000	0.00000	11.68874	1			
		9138	0.26863	5.47216	106.80000	0.00000	0.00000	11.61154	1			
		9139	2.26381	5.47216	106.80000	0.00000	0.00000	11.47108	1			
		9140	4.25899	5.47216	106.80000	0.00000	0.00000	11.25254	1			
		9141	6.25417	5.47216	106.80000	0.00000	0.00000	10.92977	1			
		9142	8.24935	5.47216	106.80000	0.00000	0.00000	10.45480	1			
		9143	10.24453	5.47216	106.80000	0.00000	0.00000	9.72640	1			
		9144	12.23971	5.47216	106.80000	0.00000	0.00000	8.42935	1			
		9145	14.23489	5.47216	106.80000	0.00000	0.00000	5.06523	1			
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								Job No.	Sheet No.	Rev.
								Drg. Ref.		
								Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]		
		9189	102.02281	5.47216	106.80000	0.00000	0.00000	0.42648	1	
		9190	104.01799	5.47216	106.80000	0.00000	0.00000	0.34814	1	
		9191	106.01317	5.47216	106.80000	0.00000	0.00000	0.28736	1	
		9192	108.00835	5.47216	106.80000	0.00000	0.00000	0.23918	1	
		9193	110.00353	5.47216	106.80000	0.00000	0.00000	0.20035	1	
		9194	111.99871	5.47216	106.80000	0.00000	0.00000	0.16864	1	
		9195	113.99388	5.47216	106.80000	0.00000	0.00000	0.14247	1	
		9196	115.98906	5.47216	106.80000	0.00000	0.00000	0.12068	1	
		9197	117.98424	5.47216	106.80000	0.00000	0.00000	0.10241	1	
		9198	119.97942	5.47216	106.80000	0.00000	0.00000	0.08700	1	
		9199	121.97460	5.47216	106.80000	0.00000	0.00000	0.07394	1	
		9200	123.96978	5.47216	106.80000	0.00000	0.00000	0.06283	1	
		9201	125.96496	5.47216	106.80000	0.00000	0.00000	0.05333	1	
		9202	127.96014	5.47216	106.80000	0.00000	0.00000	0.04519	1	
		9203	129.95532	5.47216	106.80000	0.00000	0.00000	0.03820	1	
		9204	131.95050	5.47216	106.80000	0.00000	0.00000	0.03219	1	
		9205	133.94568	5.47216	106.80000	0.00000	0.00000	0.02700	1	
		9206	135.94086	5.47216	106.80000	0.00000	0.00000	0.02251	1	
		9207	137.93604	5.47216	106.80000	0.00000	0.00000	0.01864	1	
		9208	139.93122	5.47216	106.80000	0.00000	0.00000	0.01528	1	
		9209	141.92640	5.47216	106.80000	0.00000	0.00000	0.01237	1	
		9210	143.92158	5.47216	106.80000	0.00000	0.00000	0.00986	1	
		9211	145.91676	5.47216	106.80000	0.00000	0.00000	0.00767	1	
		9212	147.91194	5.47216	106.80000	0.00000	0.00000	0.00578	1	
		9213	149.90712	5.47216	106.80000	0.00000	0.00000	0.00414	1	
		9214	151.90230	5.47216	106.80000	0.00000	0.00000	0.00272	1	
		9215	153.89748	5.47216	106.80000	0.00000	0.00000	0.00149	1	
		9216	155.89266	5.47216	106.80000	0.00000	0.00000	0.00043	1	
		9217	157.88784	5.47216	106.80000	0.00000	0.00000	-0.00049	1	
		9218	159.88302	5.47216	106.80000	0.00000	0.00000	-0.00128	1	
		9219	161.87820	5.47216	106.80000	0.00000	0.00000	-0.00196	1	
		9220	163.87338	5.47216	106.80000	0.00000	0.00000	-0.00254	1	
		9221	165.86856	5.47216	106.80000	0.00000	0.00000	-0.00303	1	
		9222	167.86374	5.47216	106.80000	0.00000	0.00000	-0.00346	1	
		9223	169.85892	5.47216	106.80000	0.00000	0.00000	-0.00382	1	
		9224	171.85410	5.47216	106.80000	0.00000	0.00000	-0.00412	1	
		9225	173.84928	5.47216	106.80000	0.00000	0.00000	-0.00437	1	
		9226	175.84446	5.47216	106.80000	0.00000	0.00000	-0.00458	1	
		9227	177.83964	5.47216	106.80000	0.00000	0.00000	-0.00474	1	
		9228	179.83482	5.47216	106.80000	0.00000	0.00000	-0.00488	1	
		9229	181.83000	5.47216	106.80000	0.00000	0.00000	-0.00499	1	
		9230	-95.50000	7.34691	106.80000	0.00000	0.00000	0.00668	1	
		9231	-93.50482	7.34691	106.80000	0.00000	0.00000	0.00903	1	
		9232	-91.50964	7.34691	106.80000	0.00000	0.00000	0.01172	1	
		9233	-89.51446	7.34691	106.80000	0.00000	0.00000	0.01480	1	
		9234	-87.51928	7.34691	106.80000	0.00000	0.00000	0.01832	1	
		9235	-85.52410	7.34691	106.80000	0.00000	0.00000	0.02234	1	
		9236	-83.52892	7.34691	106.80000	0.00000	0.00000	0.02693	1	
		9237	-81.53374	7.34691	106.80000	0.00000	0.00000	0.03217	1	
		9238	-79.53856	7.34691	106.80000	0.00000	0.00000	0.03813	1	
		9239	-77.54338	7.34691	106.80000	0.00000	0.00000	0.04499	1	
		9240	-75.54820	7.34691	106.80000	0.00000	0.00000	0.05280	1	
		9241	-73.55302	7.34691	106.80000	0.00000	0.00000	0.06173	1	
		9242	-71.55784	7.34691	106.80000	0.00000	0.00000	0.07195	1	
		9243	-69.56266	7.34691	106.80000	0.00000	0.00000	0.08364	1	
		9244	-67.56748	7.34691	106.80000	0.00000	0.00000	0.09704	1	
		9245	-65.57230	7.34691	106.80000	0.00000	0.00000	0.11242	1	
		9246	-63.57712	7.34691	106.80000	0.00000	0.00000	0.13007	1	
		9247	-61.58194	7.34691	106.80000	0.00000	0.00000	0.15037	1	
		9248	-59.58676	7.34691	106.80000	0.00000	0.00000	0.17376	1	
		9249	-57.59158	7.34691	106.80000	0.00000	0.00000	0.20074	1	
		9250	-55.59640	7.34691	106.80000	0.00000	0.00000	0.23192	1	
		9251	-53.60122	7.34691	106.80000	0.00000	0.00000	0.26806	1	
		9252	-51.60604	7.34691	106.80000	0.00000	0.00000	0.31005	1	
		9253	-49.61086	7.34691	106.80000	0.00000	0.00000	0.35898	1	
		9254	-47.61568	7.34691	106.80000	0.00000	0.00000	0.41620	1	
		9255	-45.62050	7.34691	106.80000	0.00000	0.00000	0.48339	1	
		9256	-43.62532	7.34691	106.80000	0.00000	0.00000	0.56270	1	
		9257	-41.63014	7.34691	106.80000	0.00000	0.00000	0.65685	1	
		9258	-39.63496	7.34691	106.80000	0.00000	0.00000	0.76945	1	
		9259	-37.63978	7.34691	106.80000	0.00000	0.00000	0.90533	1	
		9260	-35.64460	7.34691	106.80000	0.00000	0.00000	1.07124	1	
		9261	-33.64942	7.34691	106.80000	0.00000	0.00000	1.27688	1	
		9262	-31.65424	7.34691	106.80000	0.00000	0.00000	1.53700	1	
		9263	-29.65906	7.34691	106.80000	0.00000	0.00000	1.87551	1	
		9264	-27.66388	7.34691	106.80000	0.00000	0.00000	2.30493	1	
		9265	-25.66871	7.34691	106.80000	0.00000	0.00000	3.00296	1	
		9266	-23.67353	7.34691	106.80000	0.00000	0.00000	4.12869	1	
		9267	-21.67835	7.34691	106.80000	0.00000	0.00000	7.35799	1	
		9268	-19.68317	7.34691	106.80000	0.00000	0.00000	8.93403	1	
		9269	-17.68799	7.34691	106.80000	0.00000	0.00000	9.75594	1	
		9270	-15.69281	7.34691	106.80000	0.00000	0.00000	10.30709	1	
		9271	-13.69763	7.34691	106.80000	0.00000	0.00000	10.70784	1	
		9272	-11.70245	7.34691	106.80000	0.00000	0.00000	11.00491	1	
		9273	-9.70727	7.34691	106.80000	0.00000	0.00000	11.22048	1	
		9274	-7.71209	7.34691	106.80000	0.00000	0.00000	10.96797	1	
		9275	-5.71691	7.34691	106.80000	0.00000	0.00000	11.45643	1	
		9276	-3.72173	7.34691	106.80000	0.00000	0.00000	11.49121	1	
		9277	-1.72655	7.34691	106.80000	0.00000	0.00000	11.47393	1	
		9278	0.26863	7.34691	106.80000	0.00000	0.00000	11.40220	1	
		9279	2.26381	7.34691	106.80000	0.00000	0.00000	11.26864	1	
		9280	4.25899	7.34691	106.80000	0.00000	0.00000	11.05886	1	
		9281	6.25417	7.34691	106.80000	0.00000	0.00000	10.74684	1	
		9282	8.24935	7.34691	106.80000	0.00000	0.00000	10.28449	1	
		9283	10.24453	7.34691	106.80000	0.00000	0.00000	9.57002	1	
		9284	12.23971	7.34691	106.80000	0.00000	0.00000	8.28744	1	
		9285	14.23489	7.34691	106.80000	0.00000	0.00000	4.93753	1	
		9286	16.23007	7.34691	106.80000	0.00000	0.00000	3.56035	1	
		9287	18.22525	7.34691	106.80000	0.00000	0.00000	2.78427	1	
		9288	20.22043	7.34691	106.80000	0.00000	0.00000	2.25566	1	
		9289	22.21561	7.34691	106.80000	0.00000	0.00000	2.06717	1	
		9290	24.21079	7.34691	106.80000	0.00000	0.00000	1.85659	1	
		9291	26.20597	7.34691	106.80000	0.00000	0.00000	1.33201	1	
		9292	28.20115	7.34691	106.80000	0.00000	0.00000	1.14043	1	
		9293	30.19633	7.34691	106.80000	0.00000	0.00000	0.98284	1	
		9294	32.19151	7.34691	106.80000	0.00000	0.00000	0.85182	1	
		9295	34.18669	7.34691	106.80000	0.00000	0.00000	0.74216	1	
		9296	36.18187	7.34691	106.80000	0.00000	0.00000	0.65008	1	
		9297	38.17705	7.34691	106.80000	0.00000	0.00000	0.57275	1	
		9298	40.17223	7.34691	106.80000	0.00000	0.00000	0.50800	1	

Oasys							Job No.	Sheet No.	Rev.
							Drg. Ref.		
							Made by	Date 20-Sep-2024	Checked Date
Set: Ref.	Set: Name	Result: Ref.	Coordinates: x [m]	Coordinates: y [m]	Coordinates: z [m]	Displacements: x [mm]	Displacements: y [mm]	Displacements: z [mm]	
		9319	82.07101	7.34691	106.80000	0.00000	0.00000	2.75927	1
		9320	84.06619	7.34691	106.80000	0.00000	0.00000	2.81919	1
		9321	86.06137	7.34691	106.80000	0.00000	0.00000	2.81059	1
		9322	88.05655	7.34691	106.80000	0.00000	0.00000	2.73208	1
		9323	90.05173	7.34691	106.80000	0.00000	0.00000	2.56138	1
		9324	92.04691	7.34691	106.80000	0.00000	0.00000	2.21164	1
		9325	94.04209	7.34691	106.80000	0.00000	0.00000	1.30287	1
		9326	96.03727	7.34691	106.80000	0.00000	0.00000	0.90967	1
		9327	98.03245	7.34691	106.80000	0.00000	0.00000	0.69111	1
		9328	100.02763	7.34691	106.80000	0.00000	0.00000	0.54426	1
		9329	102.02281	7.34691	106.80000	0.00000	0.00000	0.43796	1
		9330	104.01799	7.34691	106.80000	0.00000	0.00000	0.35765	1
		9331	106.01317	7.34691	106.80000	0.00000	0.00000	0.29521	1
		9332	108.00835	7.34691	106.80000	0.00000	0.00000	0.24566	1
		9333	110.00353	7.34691	106.80000	0.00000	0.00000	0.20569	1
		9334	111.99871	7.34691	106.80000	0.00000	0.00000	0.17305	1
		9335	113.99388	7.34691	106.80000	0.00000	0.00000	0.14611	1
		9336	115.98906	7.34691	106.80000	0.00000	0.00000	0.12370	1
		9337	117.98424	7.34691	106.80000	0.00000	0.00000	0.10492	1
		9338	119.97942	7.34691	106.80000	0.00000	0.00000	0.08909	1
		9339	121.97460	7.34691	106.80000	0.00000	0.00000	0.07569	1
		9340	123.96978	7.34691	106.80000	0.00000	0.00000	0.06429	1
		9341	125.96496	7.34691	106.80000	0.00000	0.00000	0.05456	1
		9342	127.96014	7.34691	106.80000	0.00000	0.00000	0.04622	1
		9343	129.95532	7.34691	106.80000	0.00000	0.00000	0.03907	1
		9344	131.95050	7.34691	106.80000	0.00000	0.00000	0.03292	1
		9345	133.94568	7.34691	106.80000	0.00000	0.00000	0.02761	1
		9346	135.94086	7.34691	106.80000	0.00000	0.00000	0.02304	1
		9347	137.93604	7.34691	106.80000	0.00000	0.00000	0.01908	1
		9348	139.93122	7.34691	106.80000	0.00000	0.00000	0.01566	1
		9349	141.92640	7.34691	106.80000	0.00000	0.00000	0.01270	1
		9350	143.92158	7.34691	106.80000	0.00000	0.00000	0.01013	1
		9351	145.91676	7.34691	106.80000	0.00000	0.00000	0.00791	1
		9352	147.91194	7.34691	106.80000	0.00000	0.00000	0.00598	1
		9353	149.90712	7.34691	106.80000	0.00000	0.00000	0.00432	1
		9354	151.90230	7.34691	106.80000	0.00000	0.00000	0.00287	1
		9355	153.89748	7.34691	106.80000	0.00000	0.00000	0.00162	1
		9356	155.89266	7.34691	106.80000	0.00000	0.00000	0.00054	1
		9357	157.88784	7.34691	106.80000	0.00000	0.00000	-0.00039	1
		9358	159.88302	7.34691	106.80000	0.00000	0.00000	-0.00119	1
		9359	161.87820	7.34691	106.80000	0.00000	0.00000	-0.00188	1
		9360	163.87338	7.34691	106.80000	0.00000	0.00000	-0.00247	1
		9361	165.86856	7.34691	106.80000	0.00000	0.00000	-0.00298	1
		9362	167.86374	7.34691	106.80000	0.00000	0.00000	-0.00341	1
		9363	169.85892	7.34691	106.80000	0.00000	0.00000	-0.00377	1
		9364	171.85410	7.34691	106.80000	0.00000	0.00000	-0.00408	1
		9365	173.84928	7.34691	106.80000	0.00000	0.00000	-0.00434	1
		9366	175.84446	7.34691	106.80000	0.00000	0.00000	-0.00455	1
		9367	177.83964	7.34691	106.80000	0.00000	0.00000	-0.00472	1
		9368	179.83482	7.34691	106.80000	0.00000	0.00000	-0.00486	1
		9369	181.83000	7.34691	106.80000	0.00000	0.00000	-0.00497	1
		9370	-95.50000	9.22165	106.80000	0.00000	0.00000	0.00641	1
		9371	-93.50482	9.22165	106.80000	0.00000	0.00000	0.00872	1
		9372	-91.50964	9.22165	106.80000	0.00000	0.00000	0.01137	1
		9373	-89.51446	9.22165	106.80000	0.00000	0.00000	0.01439	1
		9374	-87.51928	9.22165	106.80000	0.00000	0.00000	0.01783	1
		9375	-85.52410	9.22165	106.80000	0.00000	0.00000	0.02177	1
		9376	-83.52892	9.22165	106.80000	0.00000	0.00000	0.02626	1
		9377	-81.53374	9.22165	106.80000	0.00000	0.00000	0.03139	1
		9378	-79.53856	9.22165	106.80000	0.00000	0.00000	0.03724	1
		9379	-77.54338	9.22165	106.80000	0.00000	0.00000	0.04392	1
		9380	-75.54820	9.22165	106.80000	0.00000	0.00000	0.05154	1
		9381	-73.55302	9.22165	106.80000	0.00000	0.00000	0.06025	1
		9382	-71.55784	9.22165	106.80000	0.00000	0.00000	0.07021	1
		9383	-69.56266	9.22165	106.80000	0.00000	0.00000	0.08160	1
		9384	-67.56748	9.22165	106.80000	0.00000	0.00000	0.09463	1
		9385	-65.57230	9.22165	106.80000	0.00000	0.00000	0.10957	1
		9386	-63.57712	9.22165	106.80000	0.00000	0.00000	0.12670	1
		9387	-61.58194	9.22165	106.80000	0.00000	0.00000	0.14637	1
		9388	-59.58676	9.22165	106.80000	0.00000	0.00000	0.16899	1
		9389	-57.59158	9.22165	106.80000	0.00000	0.00000	0.19506	1
		9390	-55.59640	9.22165	106.80000	0.00000	0.00000	0.22514	1
		9391	-53.60122	9.22165	106.80000	0.00000	0.00000	0.25993	1
		9392	-51.60604	9.22165	106.80000	0.00000	0.00000	0.30027	1
		9393	-49.61086	9.22165	106.80000	0.00000	0.00000	0.34718	1
		9394	-47.61568	9.22165	106.80000	0.00000	0.00000	0.40192	1
		9395	-45.62050	9.22165	106.80000	0.00000	0.00000	0.46603	1
		9396	-43.62532	9.22165	106.80000	0.00000	0.00000	0.54150	1
		9397	-41.63014	9.22165	106.80000	0.00000	0.00000	0.63085	1
		9398	-39.63496	9.22165	106.80000	0.00000	0.00000	0.73739	1
		9399	-37.63978	9.22165	106.80000	0.00000	0.00000	0.86555	1
		9400	-35.64460	9.22165	106.80000	0.00000	0.00000	1.02153	1
		9401	-33.64942	9.22165	106.80000	0.00000	0.00000	1.21424	1
		9402	-31.65424	9.22165	106.80000	0.00000	0.00000	1.45727	1
		9403	-29.65906	9.22165	106.80000	0.00000	0.00000	1.77285	1
		9404	-27.66388	9.22165	106.80000	0.00000	0.00000	2.18108	1
		9405	-25.66871	9.22165	106.80000	0.00000	0.00000	2.82687	1
		9406	-23.67353	9.22165	106.80000	0.00000	0.00000	3.89844	1
		9407	-21.67835	9.22165	106.80000	0.00000	0.00000	7.06843	1
		9408	-19.68317	9.22165	106.80000	0.00000	0.00000	8.59561	1
		9409	-17.68799	9.22165	106.80000	0.00000	0.00000	9.39165	1
		9410	-15.69281	9.22165	106.80000	0.00000	0.00000	9.94224	1
		9411	-13.69763	9.22165	106.80000	0.00000	0.00000	10.35975	1
		9412	-11.70245	9.22165	106.80000	0.00000	0.00000	10.67670	1
		9413	-9.70727	9.22165	106.80000	0.00000	0.00000	10.90682	1
		9414	-7.71209	9.22165	106.80000	0.00000	0.00000	11.06339	1
		9415	-5.71691	9.22165	106.80000	0.00000	0.00000	11.15788	1
		9416	-3.72173	9.22165	106.80000	0.00000	0.00000	11.19775	1
		9417	-1.72655	9.22165	106.80000	0.00000	0.00000	11.18610	1
		9418	0.26863	9.22165	106.80000	0.00000	0.00000	11.12160	1
		9419	2.26381	9.22165	106.80000	0.00000	0.00000	10.99176	1
		9420	4.25899	9.22165	106.80000	0.00000	0.00000	10.80094	1
		9421	6.25417	9.22165	106.80000	0.00000	0.00000	10.50565	1
		9422	8.24935	9.22165	106.80000	0.00000	0.00000	10.06365	1
		9423	10.24453	9.22165	106.80000	0.00000	0.00000	9.37211	1
		9424	12.23971	9.22165	106.80000	0.00000	0.00000	8.31325	1
		9425	14.23489	9.22165	106.80000	0.00000	0.00000	4.78609	1
		9426	16.23007	9.22165	106.80000	0.00000	0.00000	3.42953	1
		9427	18.22525	9.22165	106.80000	0.00000	0.00000	2.67154	1
		9428	20.22043	9.22165	106.80000	0.00000	0.00000	2.15860	1
		9429	22.21561	9.22165	106.80000	0.00000	0.00000	1.78366	1
		9430	24.21079	9.22165	106.80000	0.00000	0.00000	1.49688	1
		9431	26.20597	9.22165	106.80000	0.00000	0.00000	1.27064	1
		9432	28.20115	9.22165	106.80000	0.00000	0.00000	1.08813	1
		9433	30.19633	9.22165	106.80000	0.00000	0.0		