Do not scale from this drawing.

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARD/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING RISKS AND INFORMATION.

RISKS LISTED HERE ARE NOT EXHAUSTIVE. REFER TO DESIGN ASSESSMENT FORM NO.

CONSTRUCTION

- INTERFACE WITH THE PUBLIC
- LIVE CARRIAGEWAY TRAFFIC
- EXISTING LIVE SERVICES

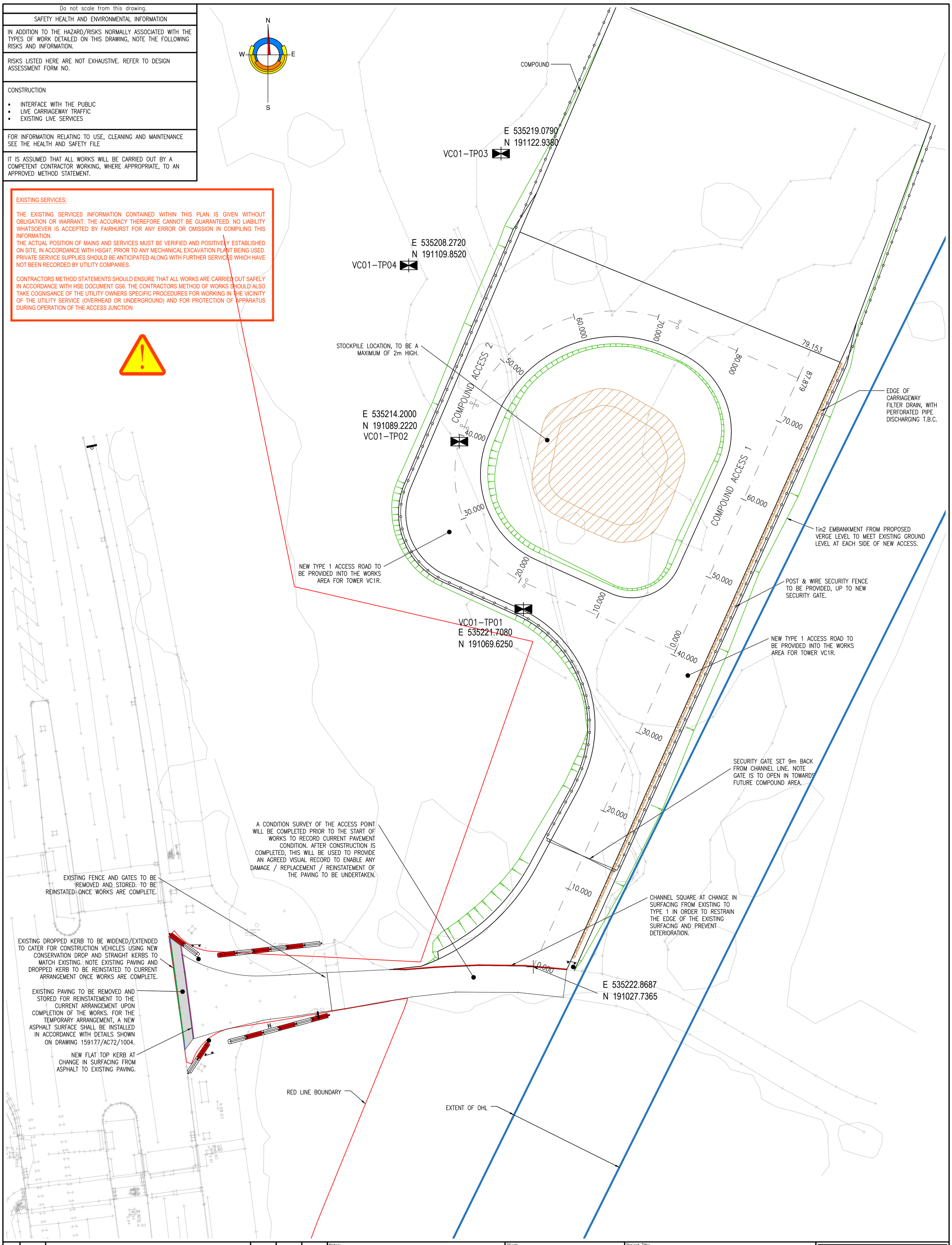
FOR INFORMATION RELATING TO USE, CLEANING AND MAINTENANCE SEE THE HEALTH AND SAFETY FILE

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.

EXISTING SERVICES:

THE EXISTING SERVICES INFORMATION CONTAINED WITHIN THIS PLAN IS GIVEN WITHOUT OBLIGATION OR WARRANT. THE ACCURACY THEREFORE CANNOT BE GUARANTEED. NO LIABILITY WHATSOEVER IS ACCEPTED BY FAIRHURST FOR ANY ERROR OR OMISSION IN COMPILING THIS INFORMATION.
THE ACTUAL POSITION OF MAINS AND SERVICES MUST BE VERIFIED AND POSITIVELY ESTABLISHED ON SITE, IN ACCORDANCE WITH HSG47, PRIOR TO ANY MECHANICAL EXCAVATION PLANT BEING USED. PRIVATE SERVICE SUPPLIES SHOULD BE ANTICIPATED ALONG WITH FURTHER SERVICES WHICH HAVE NOT BEEN RECORDED BY UTILITY COMPANIES.

CONTRACTORS METHOD STATEMENTS SHOULD ENSURE THAT ALL WORKS ARE CARRIED OUT SAFELY IN ACCORDANCE WITH HSE DOCUMENT GS6. THE CONTRACTORS METHOD OF WORKS SHOULD ALSO TAKE COGNISANCE OF THE UTILITY OWNERS SPECIFIC PROCEDURES FOR WORKING IN THE VICINITY OF THE UTILITY SERVICE (OVERHEAD OR UNDERGROUND) AND FOR PROTECTION OF APPARATUS DURING OPERATION OF THE ACCESS JUNCTION.



Rev.	Date	Description	Drawn	Checked	Approved
C	19.12.25	UPDATED FOLLOWING CLIENT COMMENTS	EJS	GAV	GAV
B	16.12.25	UPDATED TO SUIT REVISED LAYOUT	EJS	GAV	GAV
A	11.12.24	TRACK MATTING REMOVED FROM PAVED AREA	EJS	MW	

Notes:

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7. THE DESIGN FOR AC72 & AC73 HAS BEEN BASED ON TOPOGRAPHIC SURVEY DATA. THE CONTRACTOR SHOULD THEREFORE UNDERTAKE PRE–COMMENCEMENT CHECKS TO ESTABLISH THE LEVEL INFORMATION PROVIDED WILL TIE IN WITH THE ORDNANCE DATUM LEVELS ON SITE.

Client:

M GROUP Energy

Project Title:

NORTH LONDON BUNDLE
BELLMOUTH ACCESS
DESIGN

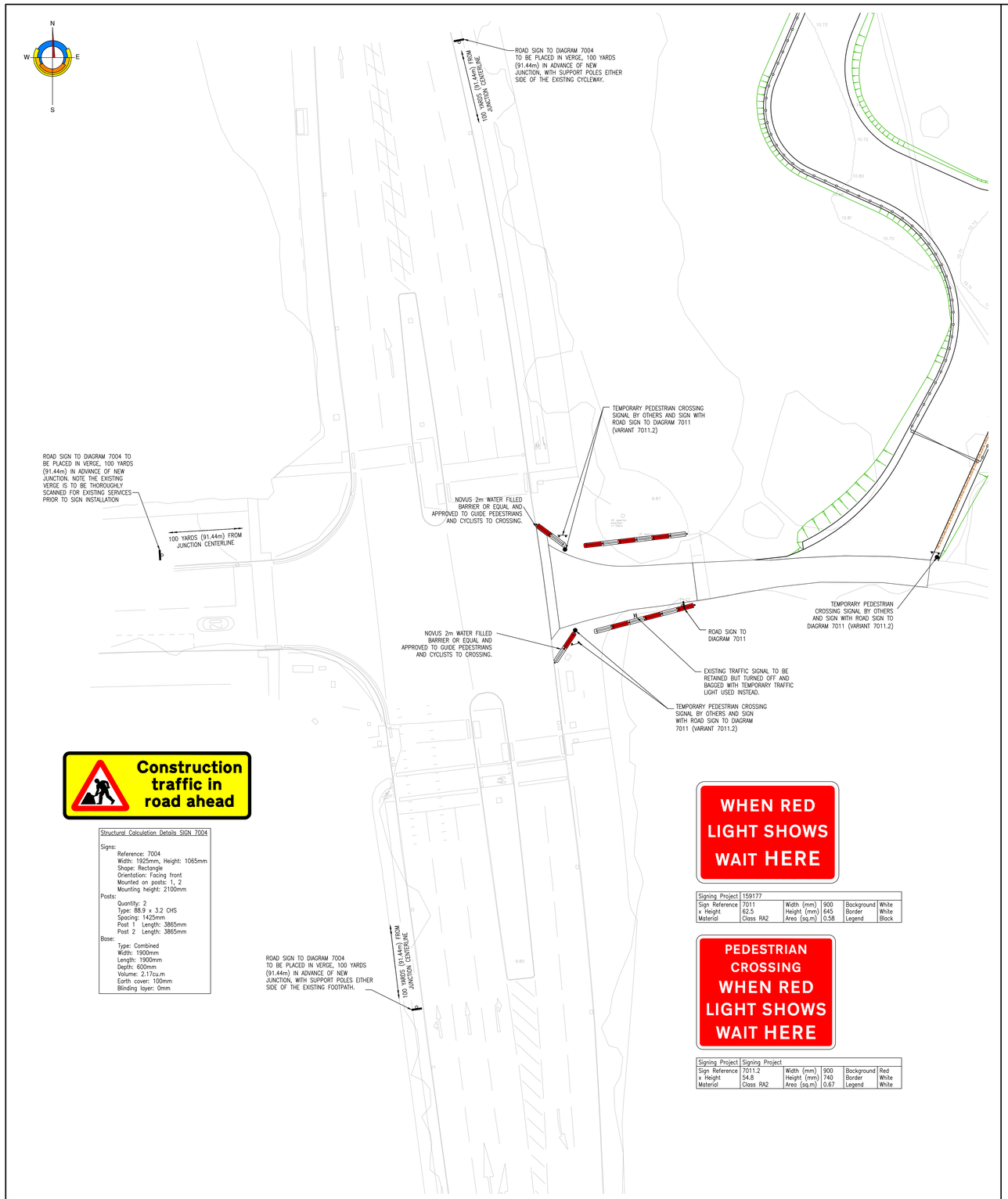
Drawing Title:

AC72
GENERAL ARRANGEMENT

FAIRHURST

Westerton of Craigie,
Southampton Road, DUNDEE, DD4 7PN
Tel: 01382 453300 Fax: 0844 381 4412

Scale at A1:	Status:	
1:200	PRELIMINARY	
Drawn: EJS	Checked: GAV	Approved: GAV
Date: 21/11/24	Date: 04/12/24	Date: 16/12/25
Drawing No.: 159177–AC72–1000		Revision: C



Structural Calculation Details SIGN 7004

Signs:
- Reference: 7004
- Width: 1925mm, Height: 1065mm
- Shape: Rectangle
- Orientation: Facing front
- Mounted on posts: 1, 2
- Mounting height: 2100mm

Posts:
- Quantity: 2
- Type: 88.9 x 3.2 CHS
- Spacing: 1425mm
- Post 1 Length: 3865mm
- Post 2 Length: 3865mm

Base:
- Type: Combined
- Width: 1900mm
- Length: 1900mm
- Depth: 600mm
- Volume: 2.17cu.m
- Earth cover: 100mm
- Blinding layer: 0mm

Signing Project	159177				
Sign Reference	7011	Width (mm)	900	Background	White
x Height	62.5	Height (mm)	645	Border	White
Material	Class RA2	Area (sq.m)	0.58	Legend	Black

Signing Project	Signing Project				
Sign Reference	7011.2	Width (mm)	900	Background	Red
x Height	54.8	Height (mm)	740	Border	White
Material	Class RA2	Area (sq.m)	0.67	Legend	White

SIGNAGE FOR WHEN SITE IS IN OPERATION ONLY.

Do not scale from this drawing.

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

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- EXISTING LIVE SERVICES

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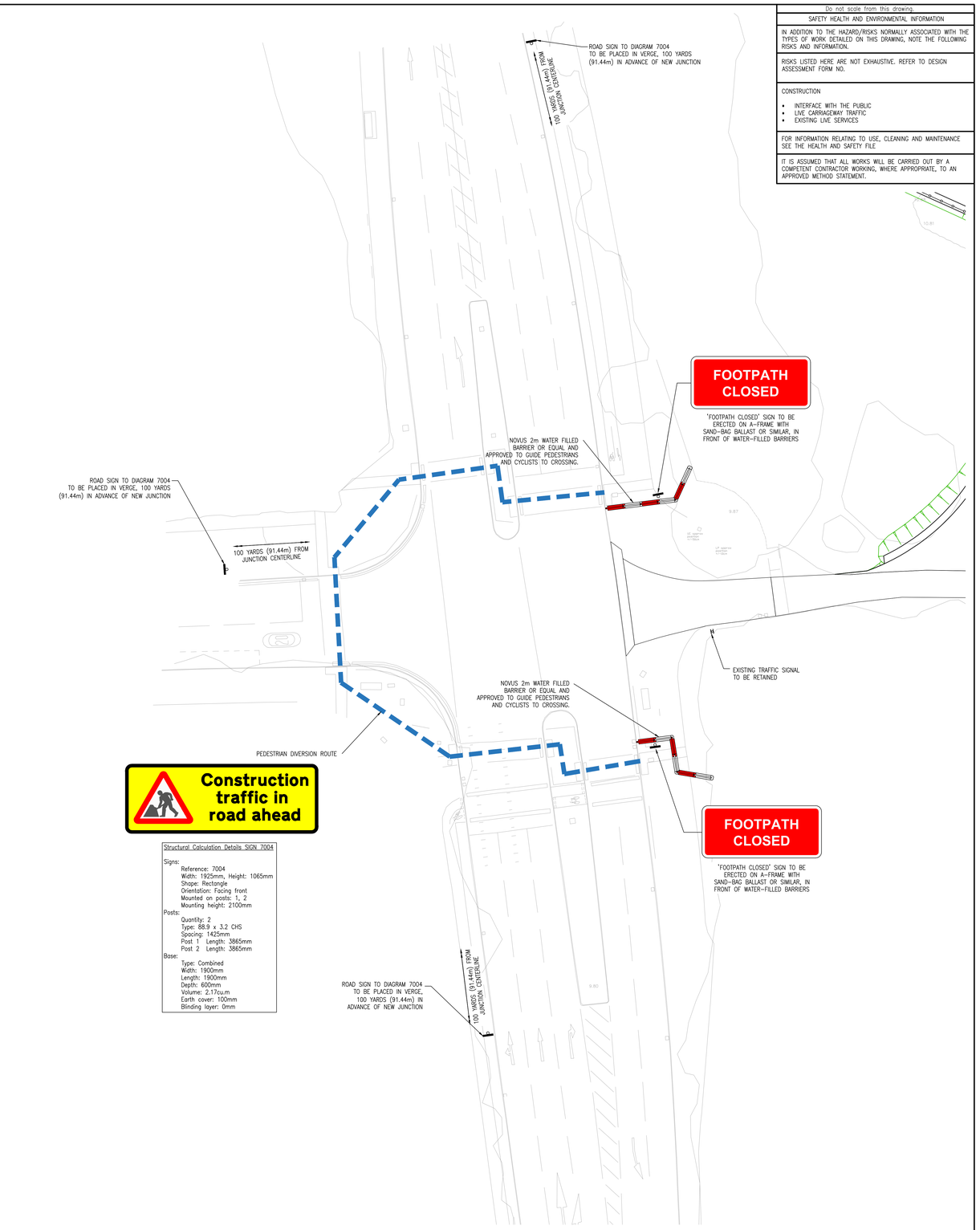

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- Orientation: Facing front
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- Spacing: 1425mm
- Post 1 Length: 3865mm
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Base:
- Type: Combined
- Width: 1900mm
- Length: 1900mm
- Depth: 600mm
- Volume: 2.17cu.m
- Earth cover: 100mm
- Blinding layer: 0mm

SIGNAGE FOR SITE ESTABLISHMENT WORKS ONLY.

Rev.	Date	Description	Drawn	Checked	Approved
B	19.12.25	UPDATED FOLLOWING CLIENT COMMENTS	EJS	GAV	GAV
A	16.12.25	UPDATED TO SUIT REVISED LAYOUT	EJS	GAV	GAV

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Client: M GROUP Energy

Project Title: NORTH LONDON BUNDLE BELLMOUTH ACCESS DESIGN

Drawing Title: AC72 WHITE LINING AND SIGNAGE

FAIRHURST
Westerton of Craigie, Southampton Road, DUNDEE, DD4 7RN
Tel: 01382 453200 Fax: 0844 381 4412

Scale at A0:	Status:	
1:200	PRELIMINARY	
Drawn:	Checked:	Approved:
EJS	GAV	GAV
Date:	Date:	Date:
21/11/24	04/12/24	16/12/25

Drawing No.: 159177-AV72-1001 Revision: B

Do not scale from this drawing.

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

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CONSTRUCTION

- INTERFACE WITH THE PUBLIC
- LIVE CARRIAGEWAY TRAFFIC
- EXISTING LIVE SERVICES

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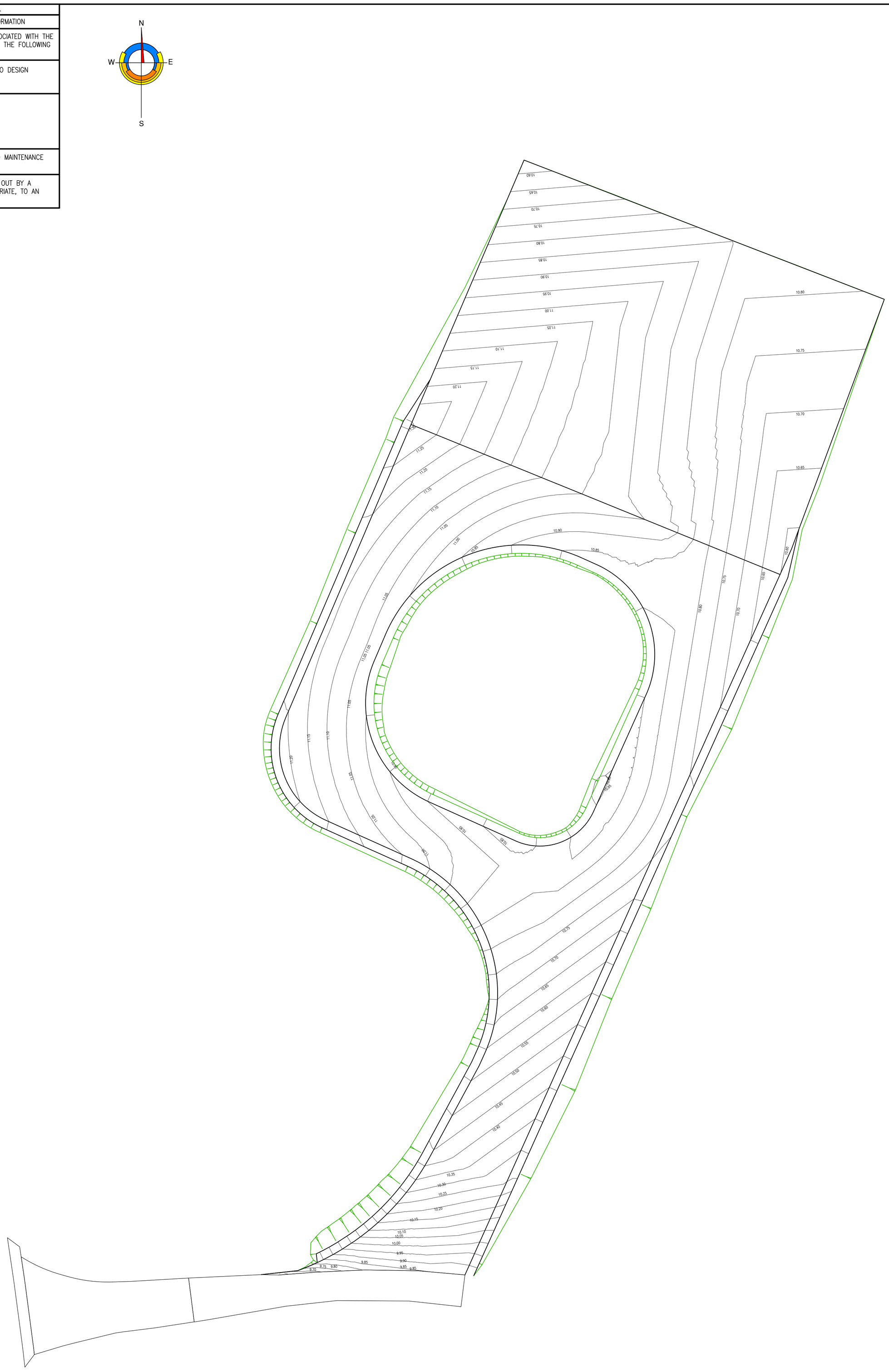

Rev.	Date	Description	Drawn	Checked	Approved
B	19.12.25	UPDATED FOLLOWING CLIENT COMMENTS	EJS	GAV	GAV
A	16.12.25	UPDATED TO SUIT REVISED LAYOUT	EJS	GAV	GAV

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Client:

M GROUP Energy

Project Title:

NORTH LONDON BUNDLE
BELLMOUTH ACCESS
DESIGN

Drawing Title:

AC72
PROPOSED CONTOURS

FAIRHURST
Westerton of Craigie,
Southampton Road, DUNDEE, DD4 7PN
Tel: 01382 453300 Fax: 0844 381 4412

Scale at A1:	Status:	
1:200	PRELIMINARY	
Drawn: EJS	Checked: GAV	Approved: GAV
Date: 21/11/24	Date: 04/12/24	Date: 16/12/25
Drawing No.: 159177–AC72–1002		Revision: B

Do not scale from this drawing.

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

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CONSTRUCTION

- INTERFACE WITH THE PUBLIC
- LIVE CARRIAGEWAY TRAFFIC
- EXISTING LIVE SERVICES

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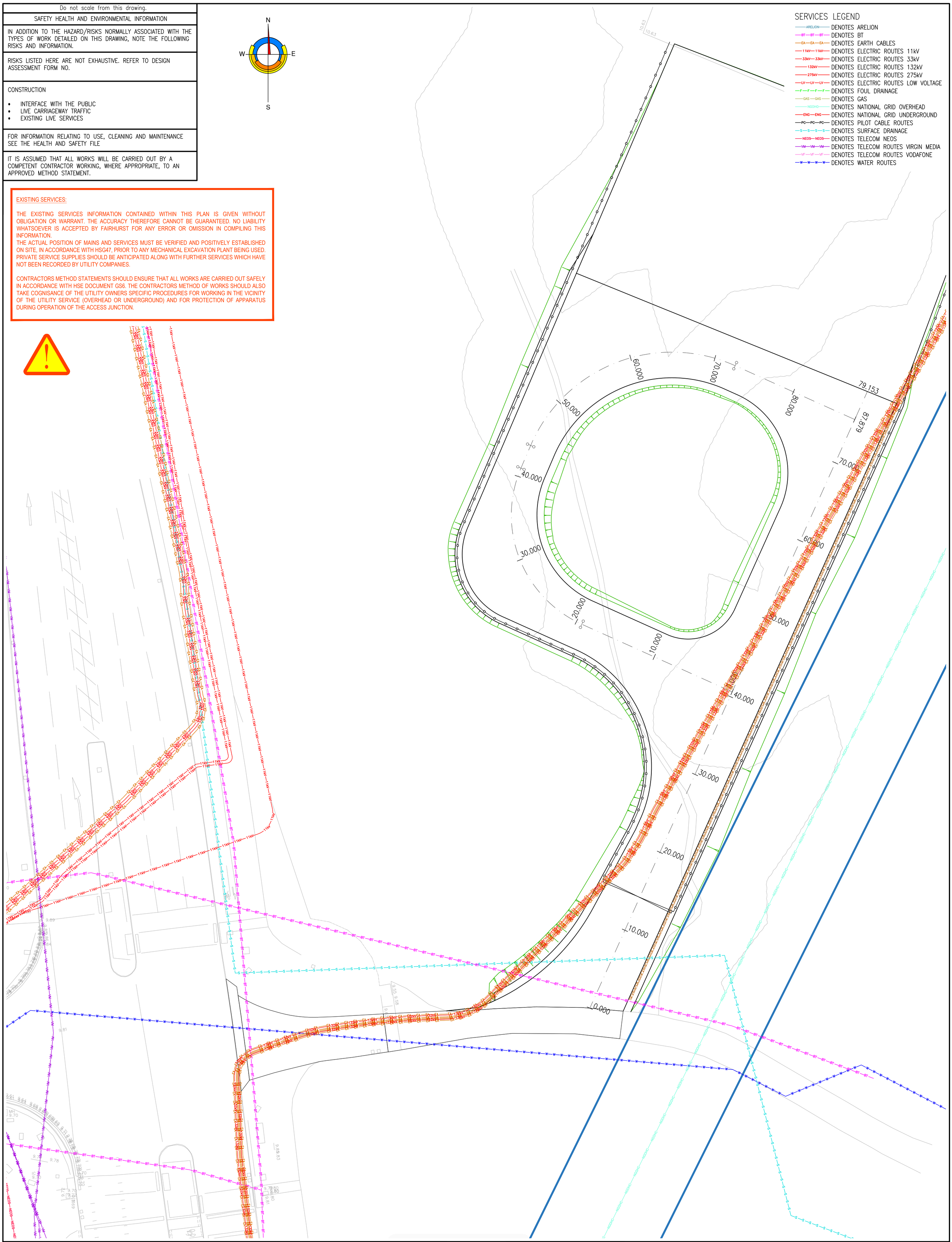

Rev.	Date	Description	Drawn	Checked	Approved
B	19.12.25	UPDATED FOLLOWING CLIENT COMMENTS	EJS	GAV	GAV
A	16.12.25	UPDATED TO SUIT REVISED LAYOUT	EJS	GAV	GAV

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5. UTILITIES INFORMATION IS LIMITED TO TELECOMMS. CONTRACTOR TO ESTABLISH LOCATIONS OF ALL OTHER RELEVANT UTILITIES.

Client:
M GROUP Energy

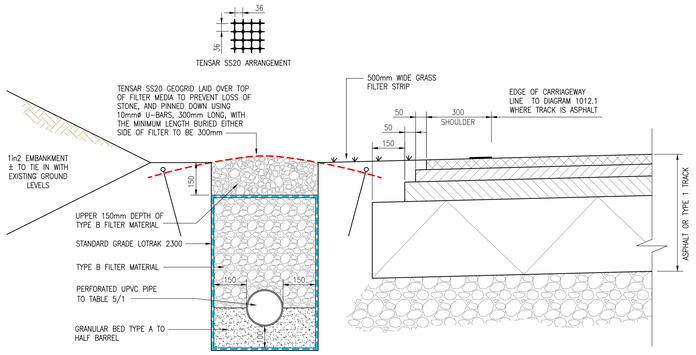
Project Title:
NORTH LONDON BUNDLE
BELLMOUTH ACCESS
DESIGN

Drawing Title:
AC72
EXISTING UTILITIES

FAIRHURST
Westerton of Craigie,
Southampton Road, DUNDEE, DD4 7PN
Tel: 01382 453300 Fax: 0844 381 4412

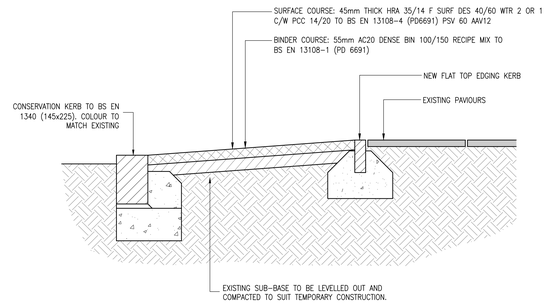
Scale at A1:	Status:	
1:200	PRELIMINARY	
Drawn: EJS	Checked: GAV	Approved: GAV
Date: 21/11/24	Date: 04/12/24	Date: 16/12/25

Drawing No.: 159177-AC72-1003
Revision: B



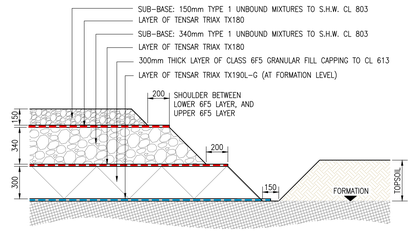
SECTION THROUGH EDGE OF NEW ACCESS JUNCTION INDICATING FILTER DRAIN

SCALE 1:10



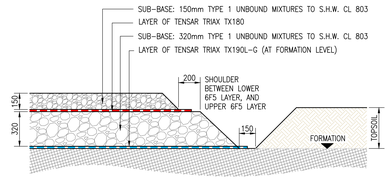
TEMPORARY ACCESS DETAIL

1:10



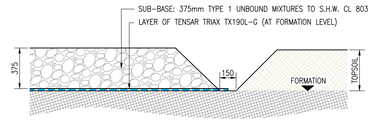
CONSTRUCTION FOR STONE ROAD AREAS WITH A CBR LESS THAN 2.0%

SCALE = 1:20



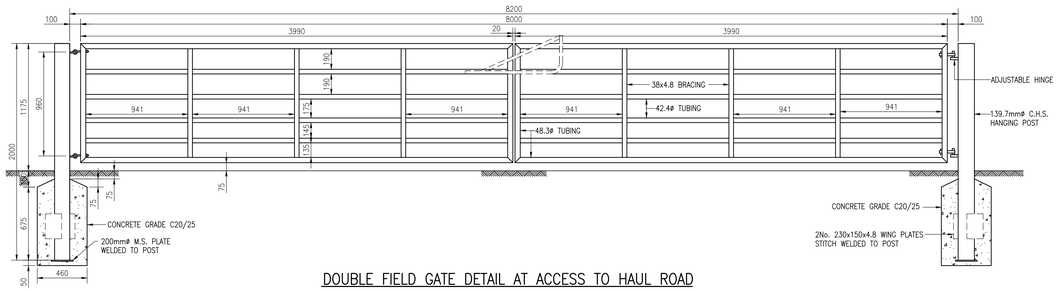
CONSTRUCTION FOR STONE ROAD AREAS WITH A CBR BETWEEN 2.5% AND 5.0%

SCALE = 1:20



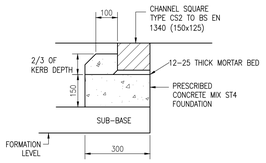
CONSTRUCTION FOR STONE ROAD AREAS WITH A CBR OF 5.0% AND ABOVE

SCALE = 1:20



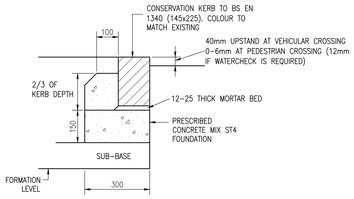
DOUBLE FIELD GATE DETAIL AT ACCESS TO HAUL ROAD

SCALE = 1:20



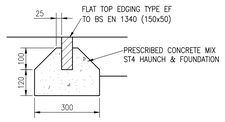
CHANNEL SQUARE KERB

SCALE 1:10



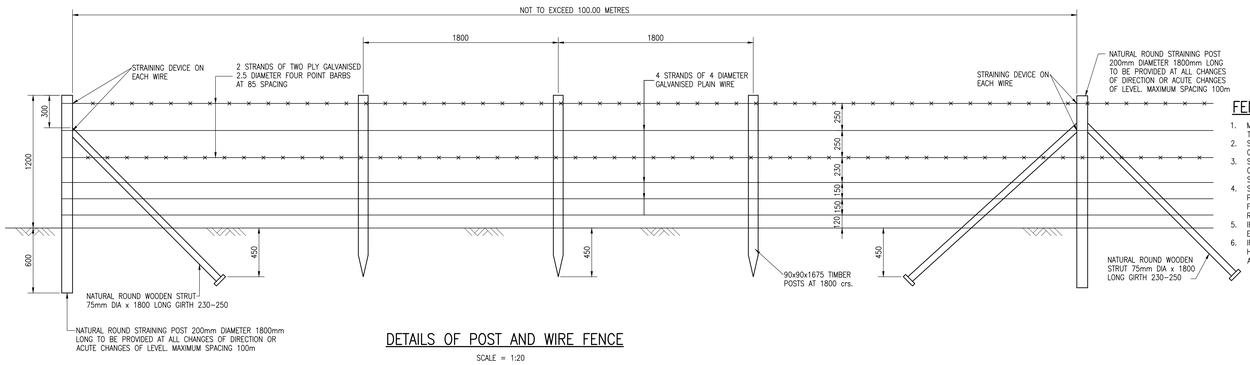
CONSERVATION KERB

SCALE 1:10



FLAT TOP KERB

SCALE 1:10

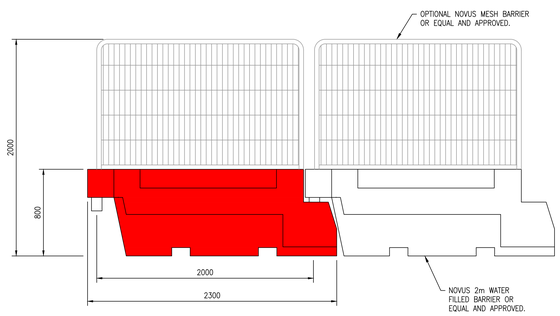


DETAILS OF POST AND WIRE FENCE

SCALE = 1:20

FENCE NOTES

1. MATERIALS FOR POST AND WIRE FENCING TO COMPLY WITH B.S. 1722 : PART ..3..
2. STRAINER POSTS TO BE USED AT ALL CHANGES IN DIRECTION.
3. STRUTS SHALL BE FIXED TO POSTS WITH ONE 100 x 4mm GALVANISED ROUND STEEL WIRE NAIL.
4. STRUTS SHALL HAVE WOODEN BASE PLATES 150mm x 150mm x 25mm THICK FIXED TO STRUT BY 4No GALVANISED ROUND WIRE NAILS.
5. IF POSTS ARE TO BE DRIVEN THE BUTT END SHALL BE POINTED FOR 225mm.
6. IF POSTS ARE NOT DRIVEN THE POST HOLES SHALL BE CAREFULLY BACKFILLED AND RAMMED AS FILLING PROCEEDS.



WATER FILLED SAFETY BARRIER

SCALE 1:20

0m 500mm 1000mm
SCALE = 1:20

0m 250mm 500mm
SCALE = 1:10

Do not scale from this drawing.

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Rev.	Date	Description	Drwn.	Chkd.	Appd.
B	16.12.25	TEMPORARY ACCESS DETAIL ADDED	EJS	GAV	GAV
A	16.12.25	UPDATED TO REMOVE SUPERFLUOUS DETAILS FOLLOWING RE-DESIGN	EJS	GAV	GAV

FAIRHURST
Westerton of Craigie
Southampton Road
DUNDEE
DD4 7PN
Tel: 01382 453 300
Fax: 0844 381 4412

Client: M GROUP Energy

Project Title:
NORTH LONDON BUNDLE
BELLMOUTH ACCESS
DESIGN

Drawing Title:
AC72
CONSTRUCTION DETAILS

Scale at A0:	Status:	
AS SHOWN	Preliminary	
Drawn: EJS	Checked: GAV	Approved: GAV
Date: 22/11/24	Date: 04/12/24	Date: 16/12/25
Drawing No.: 159177-AC72-1004		Revision: B

Do not scale from this drawing.

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

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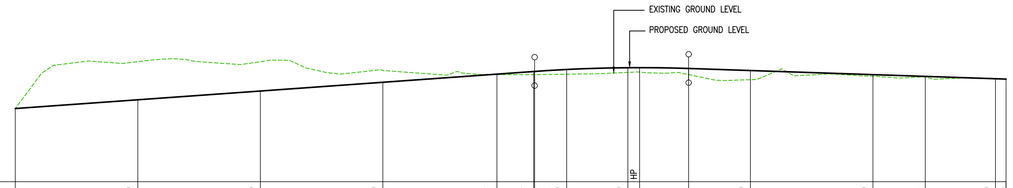
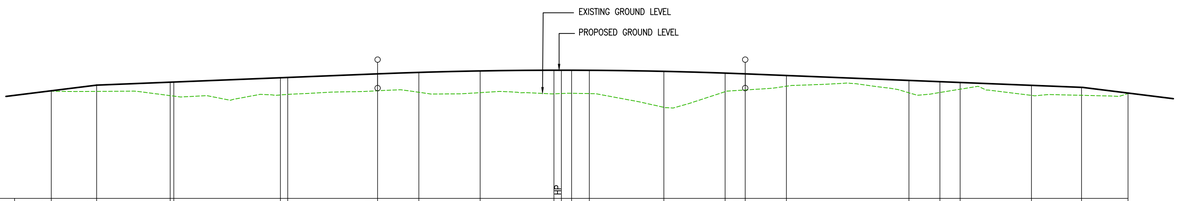


DATUM 1.0m

CHAINAGE	0.000	10.000	20.000	30.000	39.307	42.307	42.392	45.000	50.000	50.954	54.954	60.000	70.000	74.272	80.000	80.866
EXISTING GROUND LEVEL	10.194	10.959	10.958	10.815	10.748				10.784			10.665	10.723		10.680	10.674
ALIGNMENT LEVEL	10.194	10.337	10.460	10.623	10.766	10.800	10.831		10.860	10.861	10.848	10.814	10.747		10.681	10.675
VERTICAL ALIGNMENT		G= 1.429% 1: 70.0					L= 12.500 KF= −6.0					G= −0.667% 1: −150.0				
HORIZONTAL ALIGNMENT		STRAIGHT LENGTH= 80.866														
LEFT HAND CHANNEL	10.094	10.448	10.572	10.715	10.858	10.891			10.953			10.906	10.840		10.773	10.767
RIGHT HAND CHANNEL	9.859	10.245	10.387	10.530	10.673	10.706			10.768			10.721	10.655		10.588	10.582

COMPOUND ACCESS 1 LONGITUDINAL SECTION

HORIZONTAL SCALE 1:250 VERTICAL SCALE 1:50



DATUM 1.0m

CHAINAGE	0.000	3.700	9.700	10.000	18.700	19.296	26.631	30.000	35.000	41.023	41.631	42.468	43.913	50.000	55.000	56.631	60.000	70.000	72.527	74.179	80.000	84.083	87.879
EXISTING GROUND LEVEL	10.749		10.669		10.705		10.732		10.714					10.488			10.830	10.721			10.680		10.709
ALIGNMENT LEVEL		10.848	10.899		10.979		11.032	11.056	11.080	11.091	11.092		11.089	11.073	11.044	11.032	11.005	10.925			10.845	10.811	
VERTICAL ALIGNMENT			G= 0.800% 1: 125.0					L= 30.000 KF= −18.750									G= −0.800% 1: −125.0						
HORIZONTAL ALIGNMENT		STRAIGHT LENGTH= 19.296					R= 14.000				SL= 2.890		R= 18.000							STRAIGHT LENGTH= 15.352			
LEFT HAND CHANNEL					11.043	11.054	11.221		11.167		11.166		11.179		11.219		11.003		10.968		10.910	10.791	
RIGHT HAND CHANNEL				10.821	10.824	10.893	10.904	10.981		11.016	11.016		10.998		10.930		10.850		10.816				

COMPOUND ACCESS 2 LONGITUDINAL SECTION

HORIZONTAL SCALE 1:250 VERTICAL SCALE 1:50

Rev.	Date	Description	Drawn	Checked	Approved
A	16.12.25	UPDATED TO SUIT REVISED LAYOUT	EJS	GAV	GAV

Notes:
1. DO NOT SCALE FROM THIS DRAWING
2. ALL DIMENSIONS ARE IN METRES UNLESS STATED.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS AND DOCUMENTS.

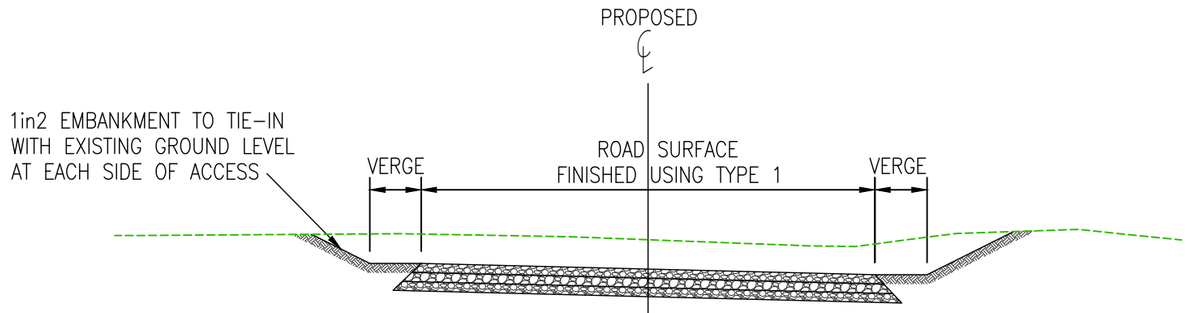
Client:
M GROUP Energy

Project Title:
NORTH LONDON BUNDLE
BELLMOUTH ACCESS
DESIGN

Drawing Title:
AC72
ACCESS LONGITUDINAL SECTION

FAIRHURST
Westerton of Craigie,
Southampton Road, DUNDEE, DD4 7PN
Tel: 01382 453300 Fax: 0844 381 4412

Scale at A1:	Status:	
AS SHOWN	PRELININARY	
Drawn: EJS	Checked: GAV	Approved: GAV
Date: 21/11/24	Date: 04/12/24	Date: 16.12.25
Drawing No.: 159177–AC72–1005		Revision: A

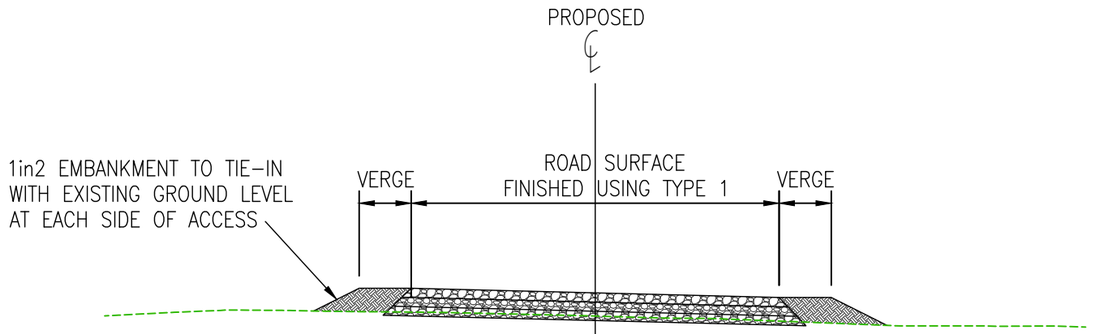


DATUM
8.00m

OFFSET FROM CENTERLINE		3.700	0.000	3.700	
EXISTING GROUND LEVEL	11.026	11.051	10.958	10.889	10.955
PROPOSED FEATURE LEVEL		10.572	10.480	10.387	

COMPOUND ACCESS 1 SECTION AT CHAINAGE 20m

SCALE 1:100



DATUM
9.00m

OFFSET FROM CENTERLINE		3.000	0.000	3.000	
EXISTING GROUND LEVEL	10.717	10.778	10.714	10.632	10.535
PROPOSED FEATURE LEVEL		11.167	11.092	11.017	

COMPOUND ACCESS 2 SECTION AT CHAINAGE 42m

SCALE 1:100

0m 2.5m 5m

SCALE = 1:100

Do not scale from this drawing.

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARD/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING RISKS AND INFORMATION.

RISKS LISTED HERE ARE NOT EXHAUSTIVE. REFER TO DESIGN ASSESSMENT FORM NO.

CONSTRUCTION
- INTERFACE WITH THE PUBLIC
- LIVE CARRIAGEWAY TRAFFIC
- EXISTING LIVE SERVICES

FOR INFORMATION RELATING TO USE, CLEANING AND MAINTENANCE SEE THE HEALTH AND SAFETY FILE

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.

NOTES:
1. DO NOT SCALE FROM THIS DRAWING.
2. ALL DIMENSIONS ARE IN METRES UNLESS STATED.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS AND DOCUMENTS.

Rev.	Date	Description	Drwn.	Chkd.	Appd.
A	16.12.25	UPDATED TO SUIT REVISED LAYOUT	EJS	GAV	GAV

FAIRHURST
Westerton of Craigie
Southampton Road
DUNDEE
DD4 7PN
Tel: 01382 453 300
Fax: 0844 381 4412

Client: M GROUP Energy

Project Title:
NORTH LONDON BUNDLE
BELLMOUTH ACCESS
DESIGN

Drawing Title:
AC72
ROAD CROSS SECTIONS

Scale at A3: 1:100	Status: Preliminary	
Drawn: EJS	Checked: GAV	Approved: GAV
Date: 21/11/24	Date: 04/12/24	Date: 16/12/25
Drawing No.: 159177–AC72–1006		Revision: A

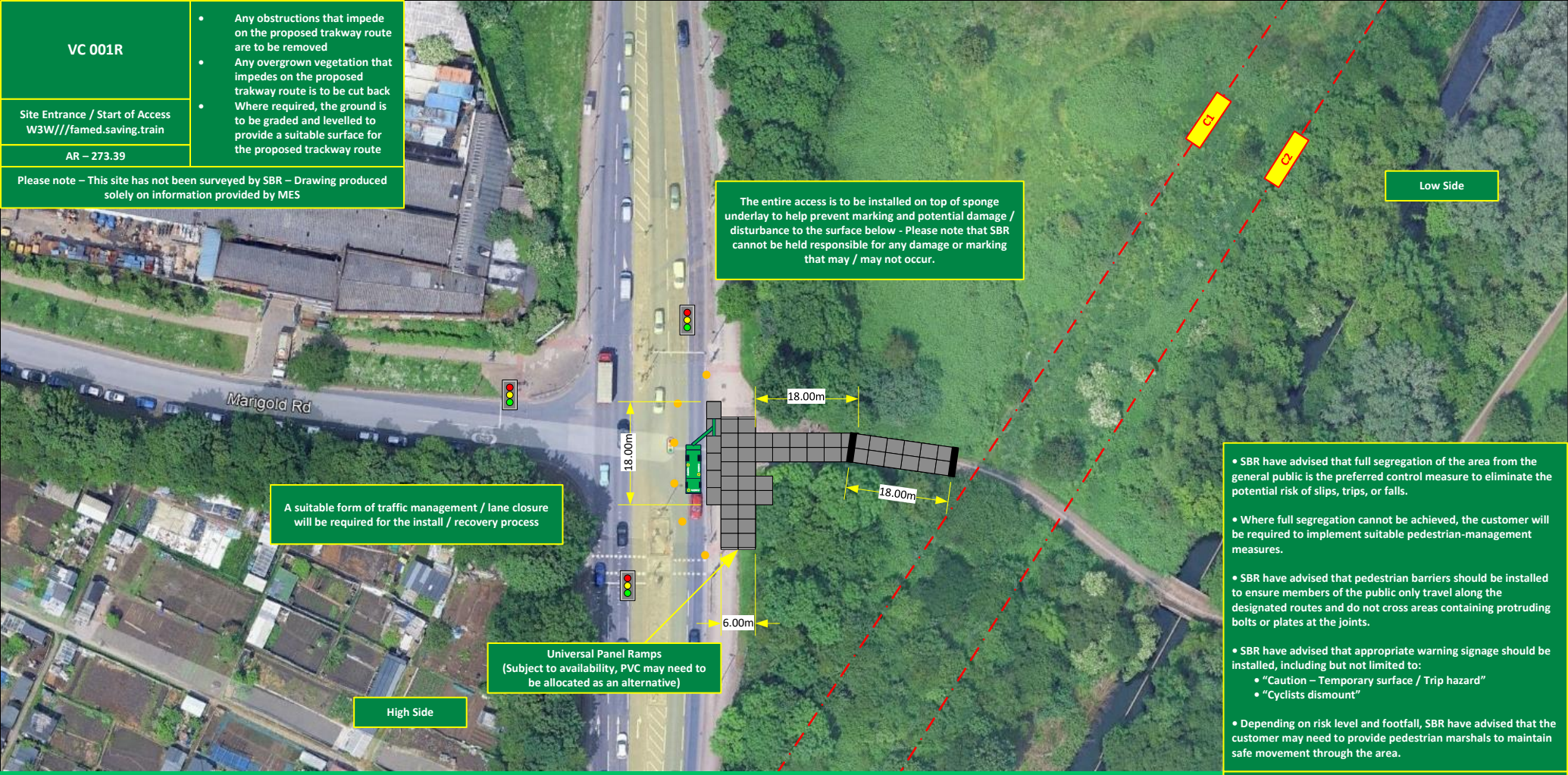
VC 001R

Site Entrance / Start of Access
W3W///famed.saving.train

AR – 273.39

- Any obstructions that impede on the proposed trakway route are to be removed
- Any overgrown vegetation that impedes on the proposed trakway route is to be cut back
- Where required, the ground is to be graded and levelled to provide a suitable surface for the proposed trackway route

Please note – This site has not been surveyed by SBR – Drawing produced solely on information provided by MES



The entire access is to be installed on top of sponge underlay to help prevent marking and potential damage / disturbance to the surface below - Please note that SBR cannot be held responsible for any damage or marking that may / may not occur.

A suitable form of traffic management / lane closure will be required for the install / recovery process

Universal Panel Ramps
(Subject to availability, PVC may need to be allocated as an alternative)

- SBR have advised that full segregation of the area from the general public is the preferred control measure to eliminate the potential risk of slips, trips, or falls.
- Where full segregation cannot be achieved, the customer will be required to implement suitable pedestrian-management measures.
- SBR have advised that pedestrian barriers should be installed to ensure members of the public only travel along the designated routes and do not cross areas containing protruding bolts or plates at the joints.
- SBR have advised that appropriate warning signage should be installed, including but not limited to:
  - "Caution – Temporary surface / Trip hazard"
  - "Cyclists dismount"
- Depending on risk level and footfall, SBR have advised that the customer may need to provide pedestrian marshals to maintain safe movement through the area.

Scale 60.00m Scale

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Sunbelt Rentals
Bramley Vale
Chesterfield
Derbyshire. S44 5GA
Tel: 08700 767676
Mob: 07774629406
E-mail:
markbarratt@sunbeltrentals.co.uk
Web: www.Sunbeltrentals.com

Contract Engineer
Dean Barnard

Client:- Morrison Energy Services

Date:-
April 2026

Site Contact:-
Matthew Worden
Mob: 07834 621319

SITE ADDRESS:-
Tower VC 001R
Access via Watermead Way / A1055
W3W///famed.saving.train

REQUIREMENTS:-
- 50 No. Tufftrak panels
- 00 No. Hybrid panels
- 04 No. PVC
- 02 No. Signs

REQUIREMENTS:-
- 00 No. Bus Bar Planks
- 00 No. Aluminium Cross Plates
- 400 m². Sponge Underlay
- 04 x Universal Panel Ramps

SUNBELT RENTALS
TRAKWAY