

GREATER LONDON CONCRETE Ltd.

Environmental Protection Act 1990 Environmental Protection (Duty of Care) Regulation 1991

Vehicle Reg: JR18 HGV Driver: JIMMY Date: 12-3-26

Client Name: KONFORM

Delivery/Collection Address: CP DOODSIDE AVE, N10 Ticket No: 09932
(Pink copy to site)

Signature of Producer: [Signature] (must complete) Date: 12-3-26

Print Name: V. MARASESCU (must complete)

By signing above I confirm that I have fulfilled my duty to apply the waste hierarchy
as required by regulation 12 of the Waste (England & Wales) Regulations 2011

DELIVERY DETAILS ☐

Required by Schedule 4 Part 2 of the
Weights and Measure ACT 1985

GROSS :

TARE :

NETT :

TICK BOX IF PER LOAD: ☐

COLLECTION DETAILS (Description of Waste) ☐

Inert ☒ Non Haz ☐ Haz ☐

Excavator Loaded ☒ Grab Loaded ☐

17-05-04 Soil & Stone ☒

17-01-07 Hardcore ☐

17-01-01 Concrete ☐

17-09-04 Mixed Utility Waste ☐

..... ☐

SIC CODE 43.12

Further Info (if any): 1x8N

WORKS CARRIED OUT BY: (NOTE: All loads are full eight wheeler loads unless otherwise stated.)

Full name of Collector: Greater London Concrete Ltd.

Address of Company: Unit 1C, Birchwood Industrial Estate, Hoe Lane,

Nazeing, EN9 2RJ

Telephone No: 020 8805 1337

Email: info@greaterlondonconcrete.co.uk

Waste Carriers Licence: CBDU584310

DISPOSAL POINT (tick appropriate box)

☒ Unit 1C, Birchwood Industrial Estate, ☐ Full Name:
Hoe Lane, Nazeing, EN9 2RJ Address:

EA LICENCE NO: EPR/EB3900XJ

THANK YOU FOR YOUR BUSINESS.

Customers requesting or ordering vehicles to leave the public highway shall reimburse us in full respect of
any loss, cost, claims or expenses we may thereby sustain whether as a result of damage to vehicles
themselves or the property of customers or third parties.

GREATER LONDON CONCRETE Ltd.

Environmental Protection Act 1990 Environmental Protection (Duty of Care) Regulation 1991

Vehicle Reg: JR13 HGV Driver: JIMMY Date: 12-3-26

Client Name: KONFORM

Delivery/Collection Address: WOODSIDE AVE, N10 Ticket No: **09930**
(Pink copy to site)

Signature of Producer: [Signature] (must complete) Date: 12-3-26

Print Name: J. MARASESCU (must complete)

By signing above I confirm that I have fulfilled my duty to apply the waste hierarchy
as required by regulation 12 of the Waste (England & Wales) Regulations 2011

DELIVERY DETAILS ☐

Required by Schedule 4 Part 2 of the
Weights and Measure ACT 1985

GROSS : _____
TARE : _____
NETT : _____
TICK BOX IF PER LOAD: ☐

COLLECTION DETAILS (Description of Waste) ☐

Inert ☒	Non Haz ☐	Haz ☐
Excavator Loaded ☒	Grab Loaded ☐	
17-05-04	Soil & Stone	☒
17-01-07	Hardcore	☐
17-01-01	Concrete	☐
17-09-04	Mixed Utility Waste	☐
		☐

SIC CODE 43.12

Further Info (if any): 1 x SW

WORKS CARRIED OUT BY: (NOTE: All loads are full eight wheeler loads unless otherwise stated.)

Full name of Collector: Greater London Concrete Ltd.

Address of Company: Unit 1C, Birchwood Industrial Estate, Hoe Lane,

Nazeing, EN9 2RJ

Telephone No: 020 8805 1337

Email: info@greaterlondonconcrete.co.uk

Waste Carriers Licence: CBDU584310

DISPOSAL POINT (tick appropriate box)

☒ Unit 1C, Birchwood Industrial Estate, ☐ Full Name: _____
Hoe Lane, Nazeing, EN9 2RJ Address: _____

EA LICENCE NO: EPR/EB3900XJ

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themselves or the property of customers or third parties.

GREATER LONDON CONCRETE Ltd.

Environmental Protection Act 1990 Environmental Protection (Duty of Care) Regulation 1991

Vehicle Reg: QMA 536 Driver: SACH Date: 12/3/26

Client Name: Konon

Delivery/Collection Address: WOODSOG AVENUE Ticket No: **06757**
ALWOOD (Pink copy to site)

Signature of Producer: _____ (must complete) Date: 12/3/21

Print Name: _____ (must complete)

By signing above I confirm that I have fulfilled my duty to apply the waste hierarchy
as required by regulation 12 of the Waste (England & Wales) Regulations 2011

DELIVERY DETAILS ☐

Required by Schedule 4 Part 2 of the
Weights and Measure ACT 1985

GROSS : _____
TARE : _____
NETT : _____
TICK BOX IF PER LOAD: ☐

COLLECTION DETAILS (Description of Waste) ☒

Inert ☒	Non Haz ☐	Haz ☐
Excavator Loaded ☒	Grab Loaded ☐	
17-05-04	Soil & Stone	☒
17-01-07	Hardcore	☐
17-01-01	Concrete	☐
17-09-04	Mixed Utility Waste	☐
_____	_____	☐

SIC CODE 2312

Further Info (if any):

WORKS CARRIED OUT BY: (NOTE: All loads are full eight wheeler loads unless otherwise stated.)

Full name of Collector: Greater London Concrete Ltd.

Address of Company: Unit 1C, Birchwood Industrial Estate, Hoe Lane,

Nazeing, EN9 2RJ

Telephone No: 020 8805 1337

Email: info@greaterlondonconcrete.co.uk

Waste Carriers Licence: **CBDU584310**

DISPOSAL POINT (tick appropriate box)

☒ Unit 1C, Birchwood Industrial Estate, ☐ Full Name: NEALUS
Hoe Lane, Nazeing, EN9 2RJ Address: _____

EA LICENCE NO: EPR/EB3900XJ

THANK YOU FOR YOUR BUSINESS.

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themselves or the property of customers or third parties.

GREATER LONDON CONCRETE Ltd.

Environmental Protection Act 1990 Environmental Protection (Duty of Care) Regulation 1991

Vehicle Reg: GNG9XNO Driver: Peter Date: 14.3.26

Client Name: KONFORM
Delivery/Collection Address: N103JA Ticket No: **15753**
(Pink copy to site)

Signature of Producer: [Signature] (must complete) Date: _____

Print Name: M. V. V. (must complete)

By signing above I confirm that I have fulfilled my duty to apply the waste hierarchy as required by regulation 12 of the Waste (England & Wales) Regulations 2011

DELIVERY DETAILS ☐

Required by Schedule 4 Part 2 of the Weights and Measure ACT 1985

GROSS : _____

TARE : _____

NETT : _____

TICK BOX IF PER LOAD: ☐

SIC CODE 4312

COLLECTION DETAILS (Description of Waste) ☒

Inert ☐ Non Haz ☒ Haz ☐

Excavator Loaded ☒ Grab Loaded ☐

17-05-04 Soil & Stone ☒

17-01-07 Hardcore ☐

17-01-01 Concrete ☐

17-09-04 Mixed Utility Waste ☐

Further Info (if any): _____

WORKS CARRIED OUT BY: (NOTE: All loads are full eight wheeler loads unless otherwise stated.)

Full name of Collector: Greater London Concrete Ltd.

Address of Company: Unit 1C, Birchwood Industrial Estate, Hoe Lane,

Nazeing, EN9 2RJ

Telephone No: 020 8805 1337

Email: info@greaterlondonconcrete.co.uk

Waste Carriers Licence: CBDU584310

DISPOSAL POINT (tick appropriate box)

☒ Unit 1C, Birchwood Industrial Estate, ☐ Full Name: _____
Hoe Lane, Nazeing, EN9 2RJ Address: _____

EA LICENCE NO: EPR/EB3900XJ

THANK YOU FOR YOUR BUSINESS.

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GREATER LONDON CONCRETE Ltd.

Environmental Protection Act 1990 Environmental Protection (Duty of Care) Regulation 1991

Vehicle Reg: GN69XMD Driver: Peter Date: 14.3.26

Client Name: KONFORM

Delivery/Collection Address: N10 3JA Ticket No: **15752**
(Pink copy to site)

Signature of Producer: [Signature] (must complete) Date: _____

Print Name: V. MARASESCU (must complete)

By signing above I confirm that I have fulfilled my duty to apply the waste hierarchy
as required by regulation 12 of the Waste (England & Wales) Regulations 2011

DELIVERY DETAILS ☐

Required by Schedule 4 Part 2 of the
Weights and Measure ACT 1985

GROSS : _____

TARE : _____

NETT : _____

TICK BOX IF PER LOAD: ☐

COLLECTION DETAILS (Description of Waste) ☒

Inert ☒ Non Haz ☐ Haz ☐

Excavator Loaded ☒ Grab Loaded ☐

17-05-04 Soil & Stone ☒

17-01-07 Hardcore ☐

17-01-01 Concrete ☐

17-09-04 Mixed Utility Waste ☐

_____ ☐

SIC CODE 4312

Further Info (if any): _____

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Nazeing, EN9 2RJ

Telephone No: 020 8805 1337

Email: info@greaterlondonconcrete.co.uk

Waste Carriers Licence: CBDU584310

DISPOSAL POINT (tick appropriate box)

☒ Unit 1C, Birchwood Industrial Estate, ☐ Full Name: _____
Hoe Lane, Nazeing, EN9 2RJ Address: _____

EA LICENCE NO: EPR/EB3900XJ

THANK YOU FOR YOUR BUSINESS.

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themselves or the property of customers or third parties.

GREATER LONDON CONCRETE Ltd.

Environmental Protection Act 1990 Environmental Protection (Duty of Care) Regulation 1991

Vehicle Reg: GN63XNO Driver: Peter Date: 17.3.26

Client Name: KONFORM
Delivery/Collection Address: N10 8JA Ticket No: **15761**
(Pink copy to site)

Signature of Producer: _____ (must complete) Date: _____

Print Name: _____ (must complete)

By signing above I confirm that I have fulfilled my duty to apply the waste hierarchy
as required by regulation 12 of the Waste (England & Wales) Regulations 2011

DELIVERY DETAILS ☐

Required by Schedule 4 Part 2 of the
Weights and Measure ACT 1985

GROSS : _____
TARE : _____
NETT : _____

TICK BOX IF PER LOAD: ☐

COLLECTION DETAILS (Description of Waste) ☒

Inert ☒ Non Haz ☐ Haz ☐

Excavator Loaded ☒ Grab Loaded ☐

17-05-04	Soil & Stone	☒
17-01-07	Hardcore	☐
17-01-01	Concrete	☐
17-09-04	Mixed Utility Waste	☐
_____	_____	☐

SIC CODE 4312

Further Info (if any):

WORKS CARRIED OUT BY: (NOTE: All loads are full eight wheeler loads unless otherwise stated.)

Full name of Collector: **Greater London Concrete Ltd.**
Address of Company: **Unit 1C, Birchwood Industrial Estate, Hoe Lane,
Nazeing, EN9 2RJ**
Telephone No: **020 8805 1337**
Email: **info@greaterlondonconcrete.co.uk**
Waste Carriers Licence: CBDU584310

DISPOSAL POINT (tick appropriate box)

☒ Unit 1C, Birchwood Industrial Estate, ☐ Full Name: _____
Hoe Lane, Nazeing, EN9 2RJ Address: _____

EA LICENCE NO: **EPR/EB3900XJ**

THANK YOU FOR YOUR BUSINESS.

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themselves or the property of customers or third parties.



Appendix 03 – GeoShield Verification Plan



GeoShield Verification Plan



PROJECT DESCRIPTION

GEO105182
Konform (UK) Limited
Cranwood House
100 Woodside Avenue,
Haringey,
N10 3JA

The proposed development for which gas protection measures are required involves the construction of a residential development comprising a mixture of apartments, maisonettes and houses in three buildings of three, four and six storeys. Building A will comprise a basement level and five stories. Building B comprises four stories and Building C comprises a pair of conventional semidetached two storey residential houses.

In accordance with BS8485:2015 + A1 2019 for a type A buildings and the building must conform to a Characteristic Specification (CS) rating of CS2, so mitigation will need to be 3.5 points.

Geoshield have adopted the highest design and verification principles associated with BS8485:2015 + A1 2019, BR 211, Public Health England, NHBC Technical Extra April 2016 and CIRIA 735.

This pre-verification plan reviews the design to ensure it is compliant with the developer and planning authority requirements and in conjunction with the relevant investigation report in accordance with BS8485:2015 +A1 2019.

In summary, the design does achieve a required level of attention to detail with its robust specific gas membrane design (2.0 points), the structural barrier of a Cast in situ monolithic reinforced ground bearing raft or reinforced cast in situ suspended floor slab with minimal penetrations (1.5 points).

The pre-verification plan confirms how the installation will be tested in accordance with CIRIA735. The verification visits will be documented in verification reports during the project that are suitable for submission to the local planning authority in order to satisfy and discharge planning consent.

All faults identified during inspection and verification site visits of the ground gas membrane will be a required remediation before sign off.



GeoShield Verification Plan



PROJECT DESCRIPTION

Pre-Verification Plan

GeoShield are appointed by the Client to carry out independent validation, verification and integrity testing of the ground gas protection system on site. The Pre-Verification plan sets out the requirements and procedures that GeoShield will adopt to ensure that the installation is in line with the proposed design, relevant UK standards and guidance.

GeoShield take no responsibility for any warranties to third parties for the design of the system or the installation.

Limitations

The Pre-Verification plan prepared by GeoShield Limited is limited to the proposed ground gas protection measures installed. The Pre-Verification plan has been prepared in line with the relevance UK Standards and Guidance (BS8485:2015+A1:2019 & CIRIA 735) alongside the information made available to GeoShield by the Client. The conclusions made in the report are considered to be correct at the time of writing, but additional information provided/discovered may require amendments to the Plan. GeoShield recognises that changes to relevant standard and guidance may occur at any time which may cause the conclusions made to be incorrect - GeoShield do not accept any responsibility or liability for the implications of such changes.

The Pre-Verification plan does not in itself constitute verification that the membrane has been installed in accordance with this document. Validation and verification of the installed membrane will be covered in separate verification reports following physical inspection of the gas barrier and will include photographic evidence of the installation.

Waterproofing elements (where applicable) do not fall into the remit of this Pre-Verification plan or future inspections. GeoShield will provide the opinion on membrane's suitability for ground gas protection purposes – no liability is offered or implied for the waterproofing element which should be checked by others.



GeoShield Verification Plan



PROJECT REFERENCE: GEO105182

PROJECT: Cranwood House

PROJECT ADDRESS: 100 Woodside Avenue,

Haringey,

N10 3JA

SPECIFICATION: Verified in accordance with CIRIA 735.

Design in accordance with BS8485 2015 + 2019 for Methane and Carbon Dioxide.

Substrate prepared in-accordance with manufactures instructions.

Combined-Seal

Hydroprufe LG

Hydroprufe 8000

Twinseal GR

Hydroprufe DPC



GeoShield Verification Plan



INFORMATION INCLUDED

Contamination Investigation and Remediation Method Statement

Engineers drawings

Material Specification Technical Data Sheets

Radon Maps UK - (Map 1) Site Location

Information presented to at the pre-verification stage assumed correct

Any change client will let GeoShield know or this Pre-verification Plan will be void.



GeoShield Verification Plan



NAME OF SURVEYOR:

Paul Colbeck

VERIFICATION COMPANY:

GeoShield Limited

Icon Business Centre

4100 Park Approach

Thorpe Park

Leeds

CONTACT NUMBER:

07462 546 926

EMAIL ADDRESS:

pcolbeck@geoshield.co.uk

ORDER NUMBER:

To be confirmed

PER VISIT:

YES:

☐

NO:

☐

PROJECT:

YES:

☐

NO:

☐



GeoShield Verification Plan



SPECIFICATION

The Brownfield Consultancy
Woodstock
Memorial Road
Penny Compton
Southam, Warks
CV47 2XU

Your Ref:

Our Ref: BC652 L01 / JT

Formation Design and Build
Oakwood House
414-422 Hackney Road
London
E2 7SY

For the attention of Aisling Carron

26th October 2023

Dear Aisling

CRANWOOD HOUSE, 100 WOODSIDE AVENUE, MUSWELL HILL. N10 3JA
SUPPLEMENTARY CONTAMINATION INVESTIGATION AND REMEDIATION METHOD STATEMENT.
Planning Application Reference No. HGY/2021/2727

1 INTRODUCTION

The Brownfield Consultancy was instructed by Formation Design and Build Ltd (the client) to undertake a Phase 2 supplementary soil contamination investigation at the above site.

The site is roughly rectangular with a southwest projection, covering a total site area of approximately 0.39 ha. The site, situated in a predominantly residential area of Muswell Hill, comprised a former 2-3 storey, U-shaped Care Home with a Car Park in the southwest corner. Highgate Wood is located to the immediate south of the site. A location plan denoting the curtilage is presented below:-



The levels on site sloped down into a central courtyard, such that a basement level of Cranwood House was accessible from ground level on the southern side. This lower area was accessed via an underpass beneath Muswell Hill Road, to the immediate west.

Title Reference & Description:

Contamination Investigation and Remediation Method Statement

Front page.

SPECIFICATION

The Brownfield Consultancy
Woodstock
Memorial Road
Penny Compton
Southam, Warwick
CV47 2XU

of soils, with a photographic record with a measuring staff. Validation sampling of the placed soils shall also be undertaken.

4. A 'Watching Brief' will be undertaken by the developer, comprising the visual and olfactory assessment of all exposed soils during site clearance and excavations. Should any previously unidentified contamination or deleterious materials be encountered during ground works, work will stop and further ground investigation, risk assessment and updated remediation strategy will be undertaken as appropriate. Where contamination is identified or suspected, consultation will be undertaken with a suitably experienced engineer to decide the most appropriate action.

5. In accordance with the recommendations made by Soiltechnics, gas protection measures and upgraded water supply pipework should be adopted for this development. Gas protection measures are to be installed in accordance with CS 2. A detailed design will be required to be submitted to the Local Planning Authority for approval. Evidence that the measures have been constructed will also be required for the Validation Report.

6. All waste material will be disposed of to an appropriately licensed site. The chemical testing and assessments previously carried out may be used to aid classification of any soil that is to be disposed of. Any further testing required by the tip prior to disposal will be carried out using a UKAS accredited laboratory. Copies of the waste consignment documentation will be retained by the developer for inclusion in the Final Validation Report.

General Working Requirements

All site works should be undertaken in accordance with the guidelines prepared by the Health and Safety Executive and CIRIA Reports 132 and C650. All work should also be carried out in accordance with the Contractor's Construction Health and Safety Plan.

The site is located in a heavily built-up residential area and the generation of airborne dust needs to be minimised. We understand that dust monitoring and suppression measures have been ongoing during the demolition phase and these should continue during the construction phase.

Other precautions should include, but not be limited to:

- Personal hygiene, washing and changing procedures;
- Adequate PPE including disposable overalls, gloves and particulate filter masks/vapour respirators, where required;
- Regular cleaning of all site roads, access roads and the public highway;
- Safe storage of fuel and other potentially polluting liquids and the provision of spill control and clean up facilities;

Validation

A Final Validation Report will be produced, which will include, but not be limited to, the following:-

- Confirmation that the development was undertaken in accordance with the approved plans and Remediation Method Statement.

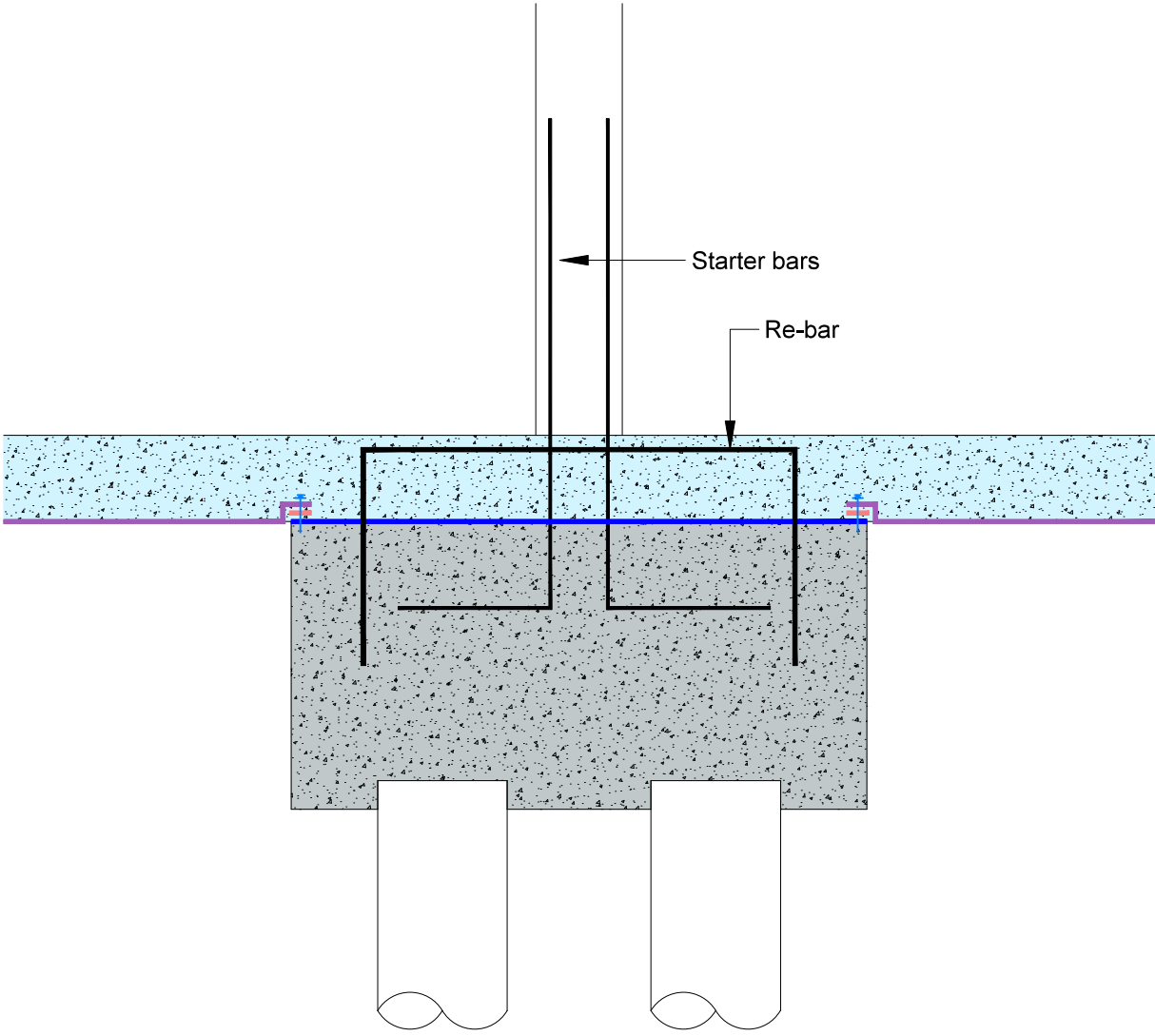
Title Reference & Description:

Contamination Investigation and Remediation Method Statement

CS2 gas protection measures required.

Important design notes:

- Grade 1B is the equivalent of the Grade 2 referred to in BS 8102:2009 Table 2.



KEY

Click on product names to access technical information

Combi-Seal

Hydroprufe LG

0.7-1.2mm quartz aggregate to be broadcast into coating where concrete connection is required (0.5kg per 1m²)

Hydroprufe HCR

Butyl Tape

Shot Fired Fixing

Conditions

This drawing is copyright of Premcrete. Permission for copying may be obtained from Premcrete. This drawing must be read in conjunction with the relevant datasheets, BS 8102:2022 and BS 9485:2015+A1:2019 if appropriate. This drawing has been prepared as a guide to assist with the installation of the products. This drawing requires the approval of the designer of the structure. It is the responsibility of the designer to ensure that any design decisions, made by others that have an impact on the waterproofing design are brought to the attention of the waterproof designer. It is the responsibility of the designer of the structure to ensure that the details shown on this drawing match the construction drawings. Drawing template is A4L.

Important Notes

The waterproofing design is designed to the Grades of Environment described below:
Grade 1A - Seepage and dampness from internal and external sources tolerable
Grade 1B - No seepage, however damp areas from internal and external sources tolerable
Grade 2 - No seepage through structure is acceptable however condensation and dampness are tolerable as a result of internal air moisture
Grade 3 - Ventilation, dehumidification or air conditioning are required appropriate to intended use in accord with BS 8102:2022 Table 2 to achieve a dry, habitable environment which is outside the scope of this design

Construction joints are required to be scabbled or retarded to ensure good concrete connection. An approved curing agent is to be applied to concrete immediately after pouring.
Laps between dissimilar waterproofing products to be 100mm unless otherwise annotated.
All substructure construction joints must have waterbar installed with a minimum of 75mm concrete cover. (Internal, non-retaining construction joints do not require waterbars).
A maximum ratio of 3:1 is required for any liner wall pours. Liner wall pours should be cast 'hit and miss' to ensure that shrinkage of concrete is compensated. It is the responsibility of the installing contractor to ensure that good concrete practice is maintained at all times when pouring concrete.
If the design incorporates any of the following products:

- Hydrocrete should be a minimum of 200mm thick or 300mm if poured monolithically in conjunction with standard concrete.
- Hydroprufe Primer to be applied to concrete/ masonry substrate prior to the application of Hydroflow Corner Tape or Hydroprufe Detail Tape.
- Hydroseal Sealer to be applied to all surfaces prior to installing Hydroflow HP.
- High density insulation under Hydroflow HP20 should be fixed to substrate at a minimum of 5 fixings per sheet.

P01	23/03/23	Issued for Information	DM	JM
Rev	Date	Description	Dwn	Chk

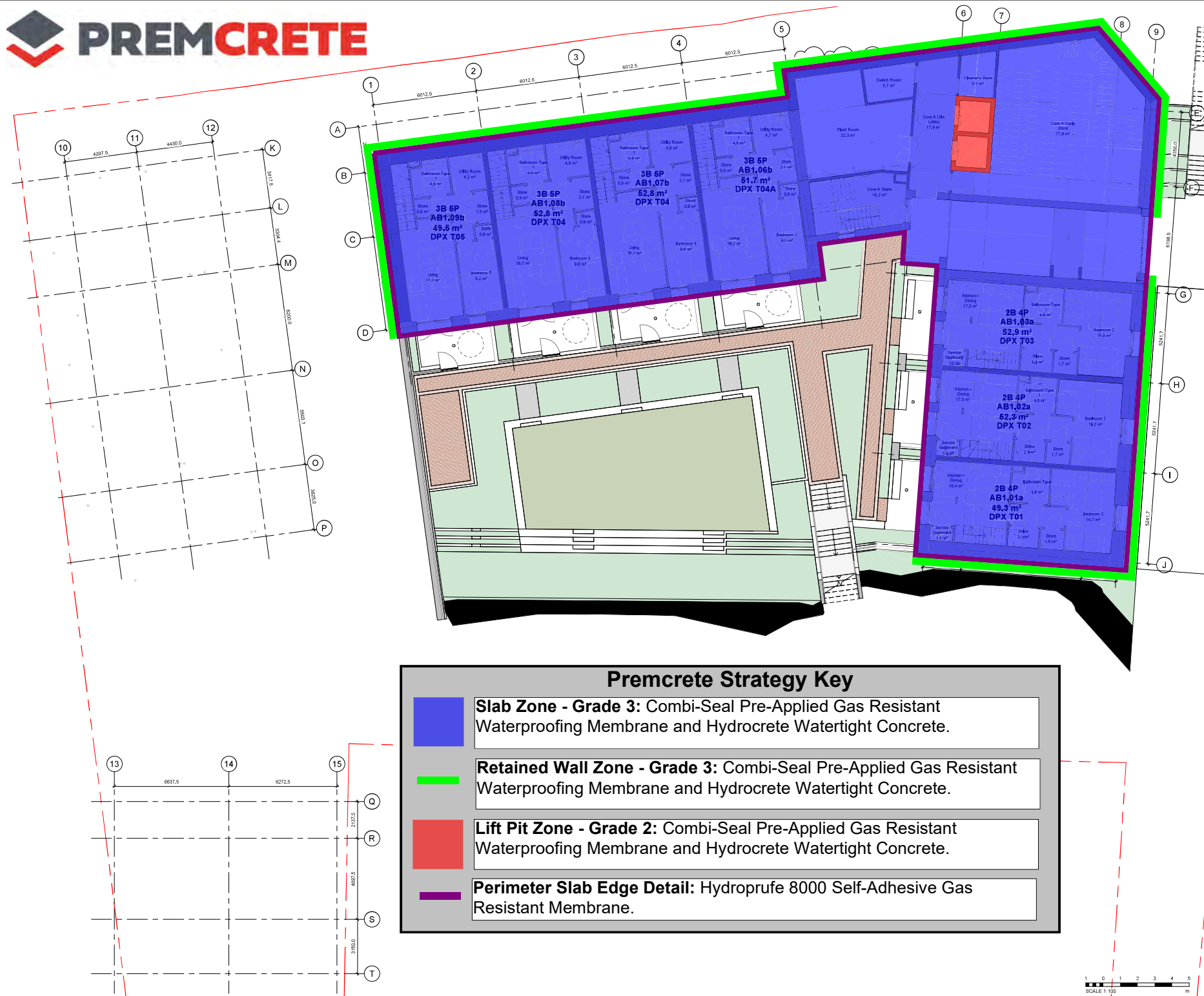
Client TENDER	Project GENERIC	Premcrete Drawing No TD-001(1)	 44 Macadam Way West Portway Industrial Park Andover Hampshire SP10 3XW Tel: 02380 276166 sales@premcrete.com www.premcrete.com
		Date 23/03/2023	
		Scale Not to Scale	
Title TYPICAL SECTION THROUGH PILECAP			

DRAFT

Not for Construction,
for discussion only

This drawing is designed to achieve the following environment in accordance with BS 8102:2022

GRADE 1B



Premcrete Strategy Key






Slab Zone - Grade 3: Combi-Seal Pre-Applied Gas Resistant Waterproofing Membrane and Hydrocrete Watertight Concrete.

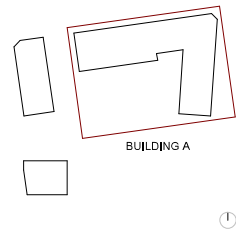
Retained Wall Zone - Grade 3: Combi-Seal Pre-Applied Gas Resistant Waterproofing Membrane and Hydrocrete Watertight Concrete.

Lift Pit Zone - Grade 2: Combi-Seal Pre-Applied Gas Resistant Waterproofing Membrane and Hydrocrete Watertight Concrete.

Perimeter Slab Edge Detail: Hydropufe 8000 Self-Adhesive Gas Resistant Membrane.

Copyright reserved
All dimensions to be checked on site before work commences.
Figured dimensions to be taken in preference to scaled dimensions.
If in doubt please ask.

KEY PLAN



BUILDING A

Revision	Description	Date
P11	General update / Revised as douded	04/11/24
P10	General update	13/09/24
P9	Revised as douded	15/04/24
P8	General update	27/02/24
P7	Final layout updated as per LBH comments	17/10/23
P6	Revised as douded	18/08/23
P5	LBH Layout comments added	18/08/23
P4	Revised as douded	11/08/23
P3	First Issue / Revised as douded	18/06/23
P2	General update	15/05/23
P1	First Issue	20/01/23

STATUS	
Preliminary	

PROJECT	
Cranwood	

DRAWING	
Proposed LG Floor GA Plan	

DRAWN BY	CHECKED BY	DATE
LB	CB	Jan 2023

SCALE (@ A1)	PROJECT NUMBER
1 : 100	22026

DRAWING NUMBER	REV
CRA - DAR - XX - B1 - DR - A - 0200	P11



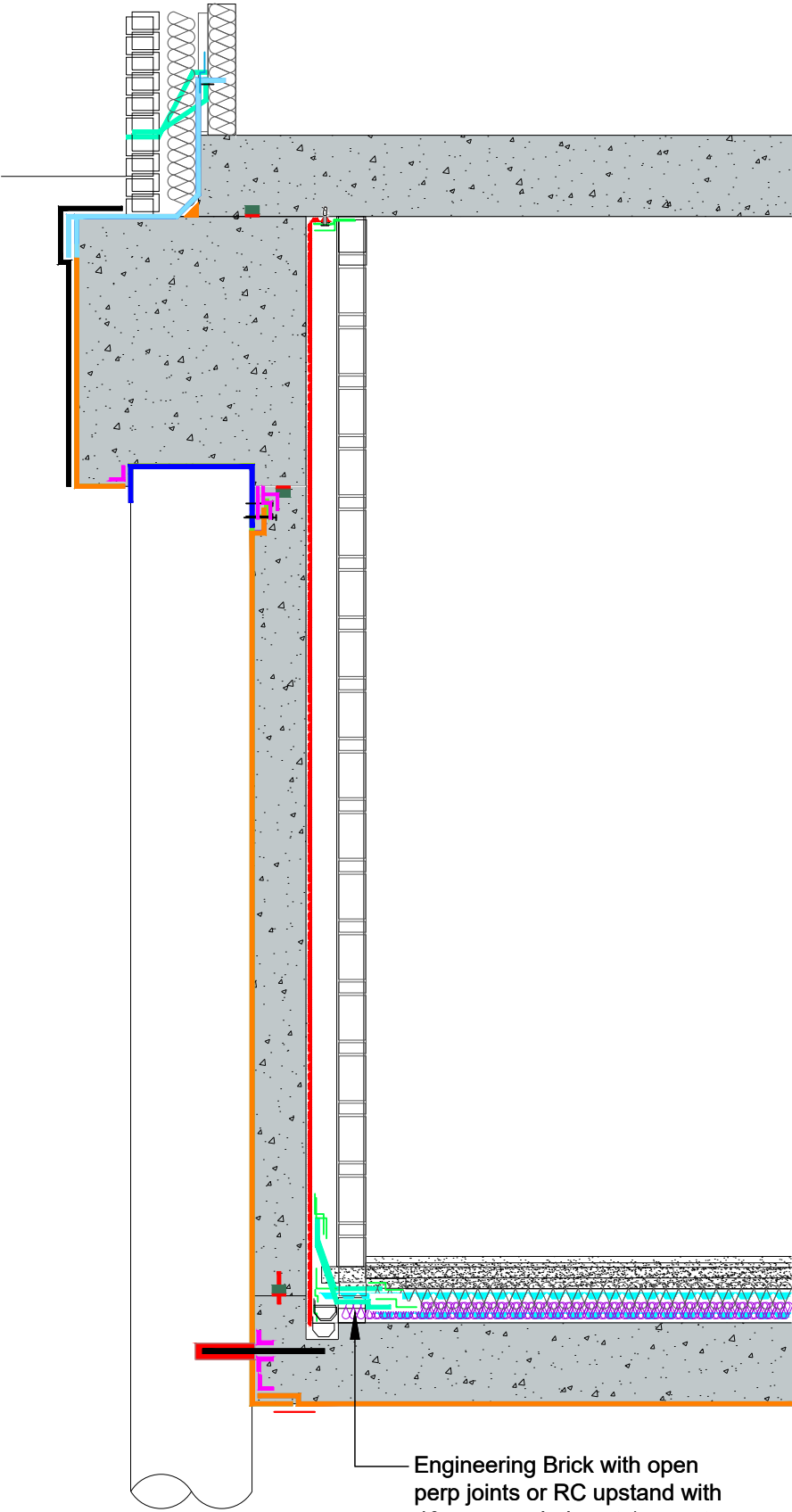
Delta Architects
1 Batemans Row
London
EC2A 3HH

T 020 7613 5702

www.deltarchitects.co.uk

Important design notes:

- Grade 1B is the original structural concrete suitable for Grade 1B environment, however to be consistent with BS 8102:2022 Table 2, internal air moisture.



KEY

Keys below show products specified on the drawing

Combi-Seal Plus	
Hydrostop BR on Hydrostop WSM	
Teknocem HBR 50 x 50mm Fillet	
Hydroprufe 8000	
Hydroprufe LG	
9.7-1.2mm quartz aggregate to be broadcast into coating 3mm Application where concrete connection is required (0.5kg per 1m ²)	
Combi-Seal Tape	
Twinseal GR 3mm Application	
Teknocem HBR 50 x 50mm Fillet	
Termination Bar	
Standard Concrete to Structural Liner Wall / Slab	
Hydrocrete Concrete	
Hydrostop BR on Hydrostop WSM	
Cemflex VB	
Hydroflow HP8	
Hydroflow HP20	
Hydroflow Corner Tape	
Hydrochannel	
60mm Insulation Min 250kPa	
QS Plug	
Epodure EP600	
Hydrostop WSM 15mm Bead	
Hydroprufe 8000	
Teknocem HBR 50 x 50mm Fillet	

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Grade 2 - No seepage through structure is acceptable however condensation and dampness are tolerable as a result of internal air moisture
Grade 3 - Ventilation, dehumidification or air conditioning are required appropriate to intended use in accord with BS 8102:2022 Table 2 to achieve a dry, habitable environment which is outside the scope of this design

Construction joints are required to be scabbled or retarded to ensure good concrete connection. An approved curing agent is to be applied to concrete immediately after pouring concrete. Laps between dissimilar waterproofing products to be 100mm unless otherwise annotated. All substructure construction joints must have waterbar installed with a minimum of 75mm concrete cover. (Internal, non-retaining construction joints do not require waterbars). Maximum pour size to be confirmed by Structural Engineers to maintain 0.3mm designed crack width. Liner wall pours should be cast 'hit and miss' to ensure that shrinkage of concrete is compensated. It is the responsibility of the installing contractor to ensure that good concrete practice is maintained at all times when pouring concrete. If the design incorporates any of the following products:

- Hydrocrete should be a minimum of 200mm thick or 300mm if poured monolithically in conjunction with standard concrete.
- Hydroprufe Primer to be applied to concrete/masonry substrate/ cementitious coating prior to the application of Hydroflow Corner Tape or Hydroprufe HCR Foil Tapes.
- Hydroseal Sealer to be applied to all surfaces prior to installing Hydroflow HP.
- High density insulation under Hydroflow HP20 should be fixed to substrate at a minimum of 5 fixings per sheet.

P01	26/06/24	Issued for Information	DM	JM
Rev	Date	Description	Dwn	Chk

**PREMCRETE**

44 Macadam Way | West Portway Industrial Park
Andover | Hampshire | SP10 3XW
Tel: 02380 276166 | sales@premcrete.com
www.premcrete.com

DRAFT
CONSTRUCTION
ISSUE
Not for Construction,
for discussion only

Date
26/06/2024

Premcrete Drawing No
TD-002(1)

This drawing is designed to
achieve the following environment
in accordance with BS 8102:2022

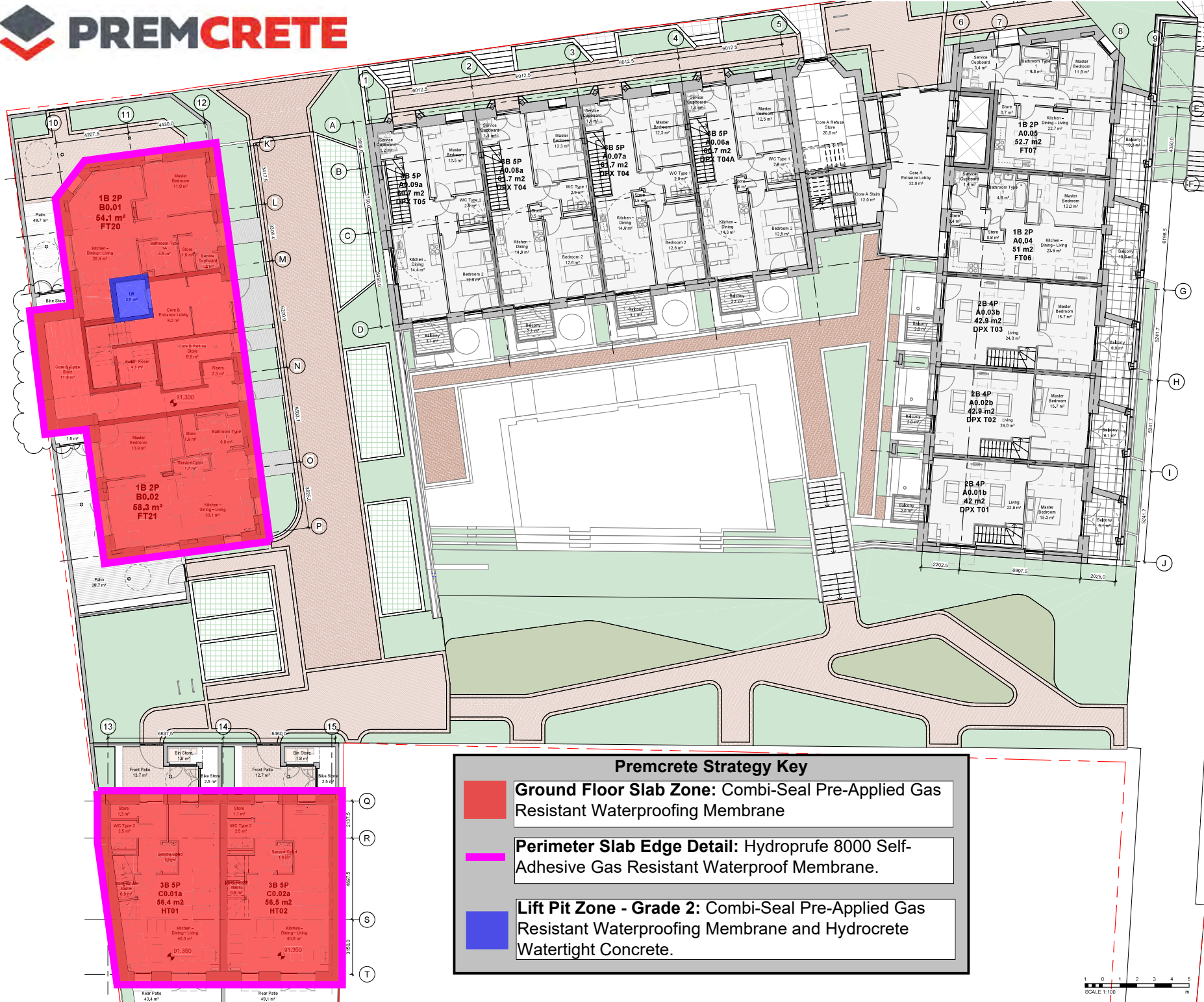
GRADE 1B

Scale
Not to Scale

Client
TENDER

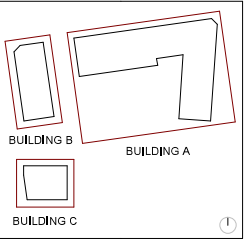
Project
GENERIC

Title
SECTION THROUGH BASEMENT WITH PILED WALL



Copyright reserved
All dimensions to be checked on site before work commences.
Figured dimensions to be taken in preference to scaled dimensions.
If in doubt please ask.

KEY PLAN



P17	General update / Revised as detailed	13/1/24
P18	General update	13/08/24
P19	Revised as detailed	15/04/24
P14	General update	27/02/24
P13	First Issue / Revised as detailed	01/11/23
P12	Revised as detailed	31/10/23
P11	Flat layouts updated as per LBH comments	17/10/23
P10	Revised as detailed	18/09/23
P9	Revised as detailed	21/08/23
P8	Revised as detailed	11/08/23
P7	Revised as detailed	28/07/23
P6	First Issue / Revised as detailed	24/07/23
P5	First Issue / Revised as detailed	16/06/23
P4	First Issue / Revised as detailed	06/06/23
P3	First Issue / Revised as detailed	24/05/23
P2	General update	15/05/23
P1	First Issue	20/01/23

STATUS

Preliminary

PROJECT

Cranwood

DRAWING

Proposed GF Floor GA Plan

DRAWN BY
LB

CHECKED BY
CB

DATE
Jan 2023

SCALE (@ A1)
1 : 100

PROJECT NUMBER
22026

DRAWING NUMBER
CRA - DAR - XX - 00 - DR - A - 0201

REV
P17

Project Number

Owner

Contract

Drawn

Check

Scale

Number

Revision

Project

Contract

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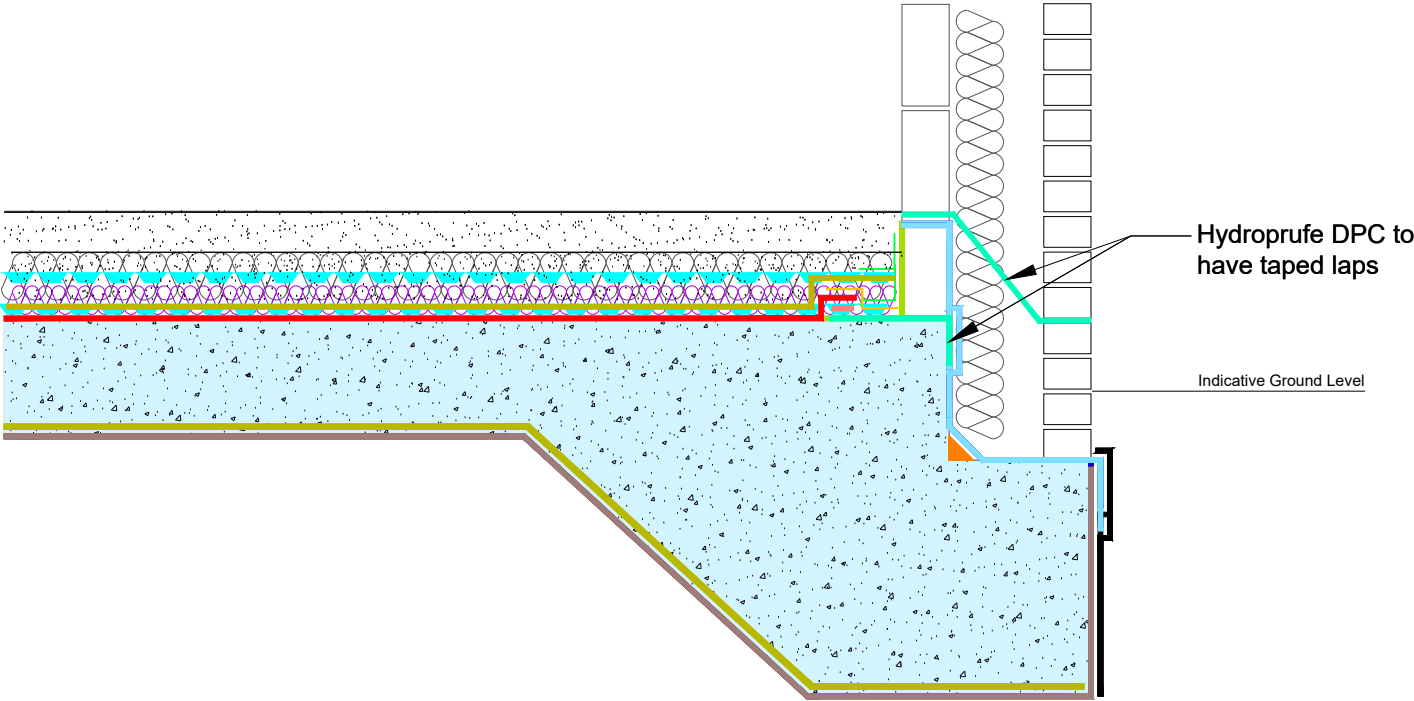
Project

Contract

Drawn

Important design notes:

- Grade 1A is the original state of the building for Grade 2 Environment, however to be suitable for use as a habitable environment, BS 8102:2022 Table 2 of internal air moisture.



KEY

Click on product names to access technical information

Hydroprufe DPC	
Hydroprufe 1000	
Hydroprufe 2000	
Hydroprufe 3000	
Hydroprufe 4000	
Hydroprufe 5000	
Hydroprufe 6000	
Hydroprufe 7000	
Hydroprufe 8000	
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Hydroprufe 58000	
Hydroprufe 59000	
Hydroprufe 60000	
Teknocem HBR	
50 x 50mm Fillet	
Hydrocrete	
Concrete to	
Structural Liner	
Wall / Slab	
Hydroflow HP20	
Hydroflow Corner	
Tape	
Hydroseal FX	
Hydroflow HP20	
Hydroflow Corner	
Tape	

Conditions

This drawing is copyright of Premcrete. Permission for copying may be obtained from Premcrete. This drawing must be read in conjunction with the relevant datasheets, BS 8102:2022 and BS 8485:2015+A1:2019 if appropriate. This drawing has been prepared as a guide to assist with the installation of the products. This drawing requires the approval of the designer of the structure. It is the responsibility of the designer to ensure that any design decisions, made by others that have an impact on the waterproofing design are brought to the attention of the waterproof designer. It is the responsibility of the designer of the structure to ensure that the details shown on this drawing match the construction drawings. Drawing template is A4L.

Important Notes

The waterproofing design is designed to the Grades of Environment described below:

- Grade 1A - Seepage and dampness from internal and external sources tolerable
- Grade 1B - No seepage, however damp areas from internal and external sources tolerable
- Grade 2 - No seepage through structure is acceptable however condensation and dampness are tolerable as a result of internal air moisture
- Grade 3 - Ventilation, dehumidification or air conditioning are required appropriate to intended use in accord with BS 8102:2022 Table 2 to achieve a dry, habitable environment which is outside the scope of this design

Construction joints are required to be scabbled or retarded to ensure good concrete connection. An approved curing agent is to be applied to concrete immediately after pouring. Laps between dissimilar waterproofing products to be 100mm unless otherwise annotated. All substructure construction joints must have waterbar installed with a minimum of 75mm concrete cover. (Internal, non-retaining construction joints do not require waterbars). Maximum pour size to be confirmed by Structural Engineers to maintain 0.3mm designed crack width. Liner wall pours should be cast 'hit and miss' to ensure that shrinkage of concrete is compensated. It is the responsibility of the installing contractor to ensure that good concrete practice is maintained at all times when pouring concrete. If the design incorporates any of the following products:

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- Hydroseal Sealer to be applied to all surfaces prior to installing Hydroflow HP.
- High density insulation under Hydroflow HP20 should be fixed to substrate at a minimum of 5 fixings per sheet.

Rev	Date	Description	Dwn	Chk
P01	08/03/24	Issued for Information	DM	JM

Client TENDER	Project GENERIC	Premcrete Drawing No TD-003 (1)	 44 Macadam Way West Portway Industrial Park Andover Hampshire SP10 3XW Tel: 02380 276166 sales@premcrete.com www.premcrete.com
		Date 08/03/2024	
		Scale Not to Scale	
Title SLAB EDGE WATERPROOFING DETAIL WITH MASONRY WALL			

DRAFT

CONSTRUCTION

Not for construction,
for discussion only

This drawing is designed to achieve the following environment in accordance with BS 8102:2022

GRADE 1B

Environment, however
of internal air moisture.

