

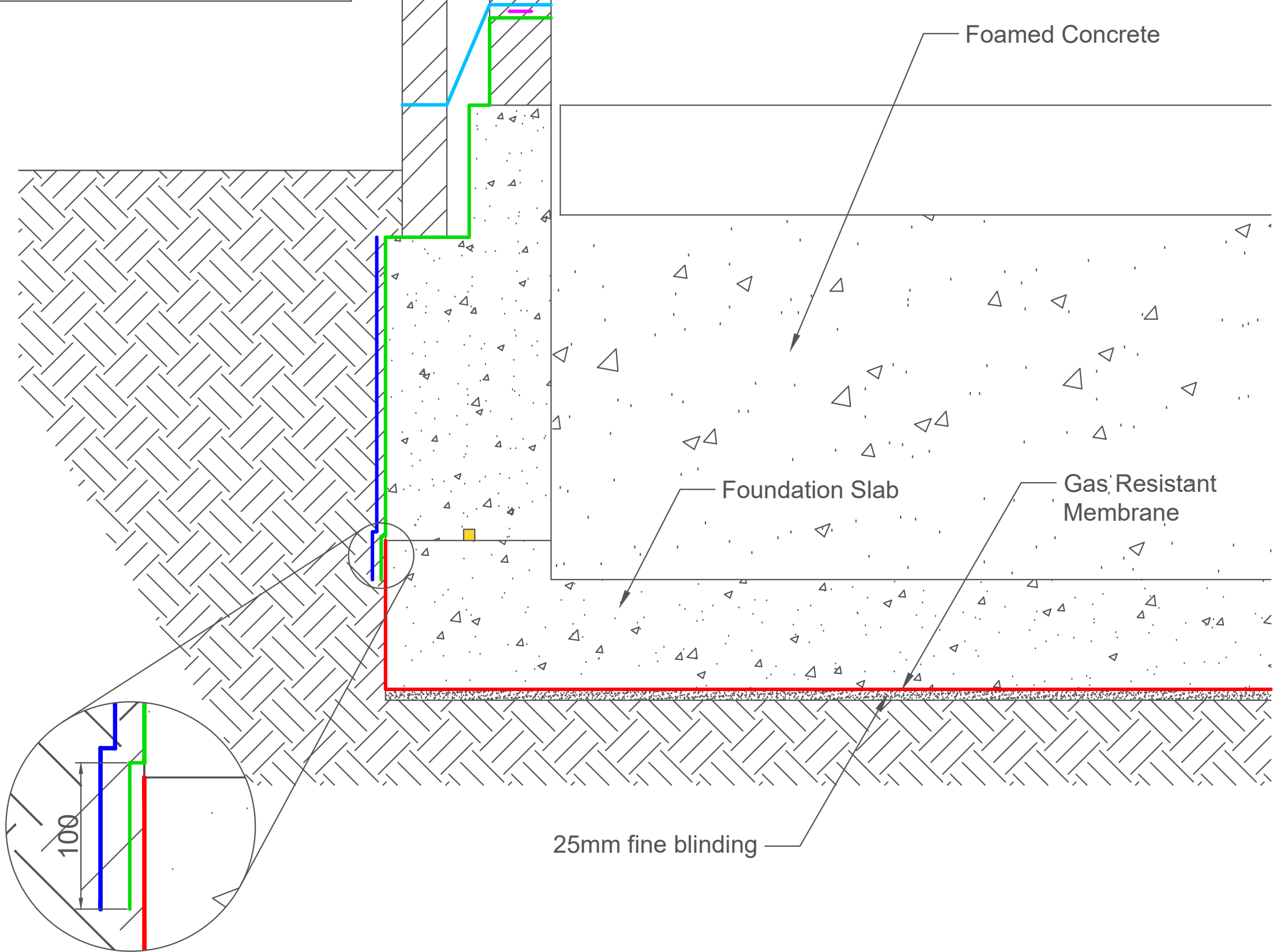
Site Designated CS3 along with a requirement for "Full Radon Protection"

In accordance with BS8485, Type D buildings require 2.5 points to be achieved by all elements in the Ground Gas Protection system.

The allocations are as follows:

- Gas Resistant Membrane (2 Points).
- Reinforced Ground Bearing Slab (1 Point).

In accordance with BR 211, "Full Radon Protection" is achieved through the installation of a Radon Resistant membrane and a Radon Sump Sub Slab De-pressurization System.



Notes

-All Gas Resistant Membranes and ancillaries installed as per manufacturers guidance with welded or taped joints

-All corners and penetrations to be sealed with GP1 SAM

-Design based on information provided to GeoShield by Kaberry Construction. If any information is changed or updated GeoShield should be made aware instantly so we can amend the design as required to achieve the suitable level of Ground Gas Protection. Failure to update GeoShield could result in the design being invalid.

Key

	Juta Titan Bond (Fleeced Membrane)
	Juta GP1 SAM
	Juta Protection Board
	Juta GP Radon DPC
	Juta DS Butyl Tape
	Hydrophilic Strip

Client

Kaberry Construction

Project

Bury New Road, Heywood, OL10 3JY

Drawing Title

Perimeter Detail from Section A-A in drawing - 200232_00043 REV 001

Drawing Number

Revision Number

GEO106127-01

Rev 0

Drawn By

Audited By

Scale

Date

TCS

PC

NTS

20/05/26

GEOSHIELD

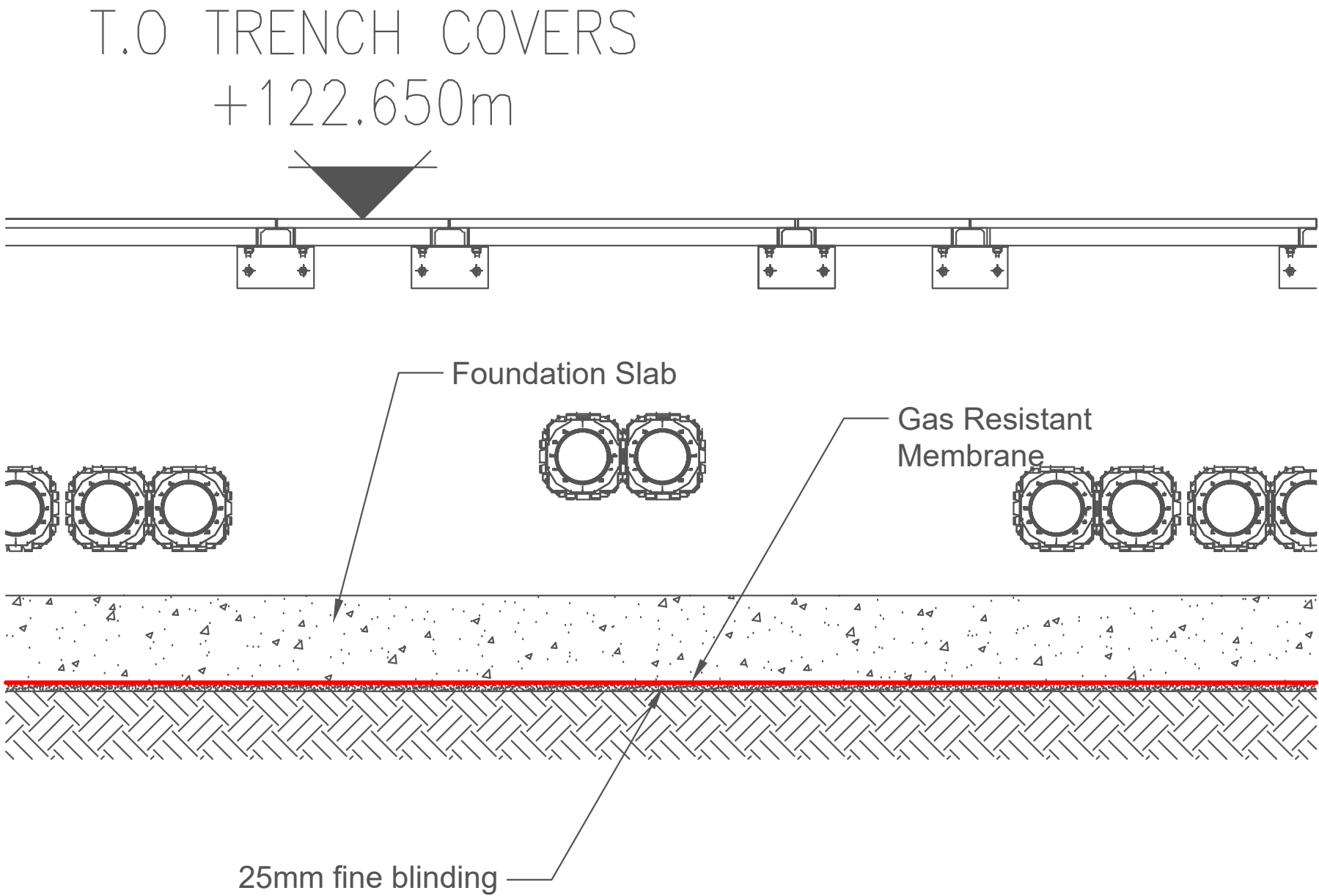
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Key	
	Juta Titan Bond (Fleeced Membrane)

Client	
Kaberry Construction	
Project	
Bury New Road, Heywood, OL10 3JY	
Drawing Title	
Trench Detail from Section A-A in drawing - 200232_00043 REV 001	

Drawing Number		Revision Number	
GEO106127-02		Rev 0	
Drawn By	Audited By	Scale	Date
TCS	PC	NTS	20/05/26



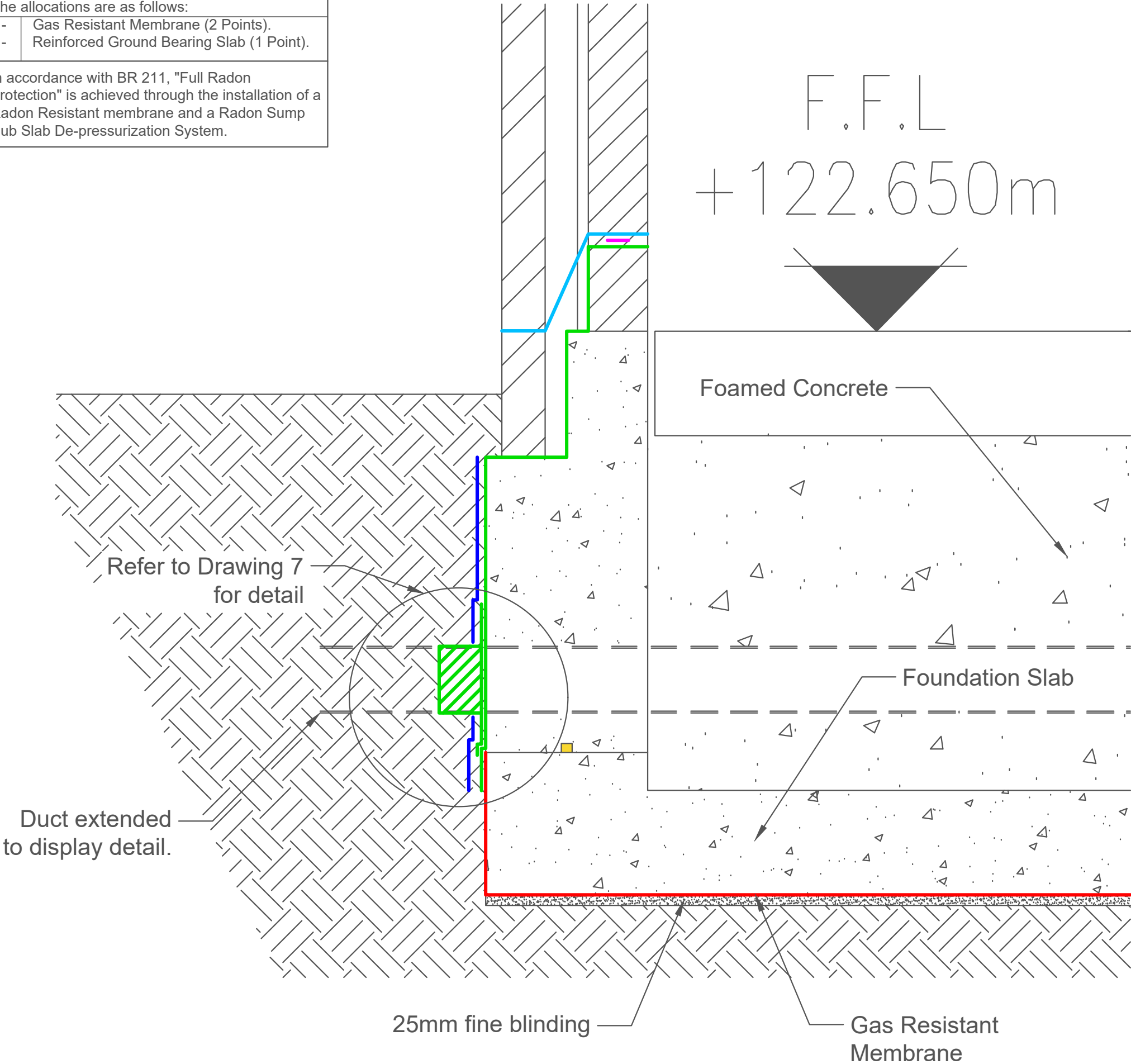
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Key	
	Juta Titan Bond (Fleeced Membrane)
	Juta GP1 SAM
	Juta Protection Board
	Juta GP Radon DPC
	Juta DS Butyl Tape
	Hydrophilic Strip

Client
Kaberry Construction

Project
Bury New Road, Heywood, OL10 3JY

Drawing Title
Perimeter Detail at Duct Exit from Section B-B in drawing - 200232_00043 REV 001

Drawing Number		Revision Number	
GEO106127-03		Rev 0	
Drawn By	Audited By	Scale	Date
TCS	PC	NTS	20/05/26



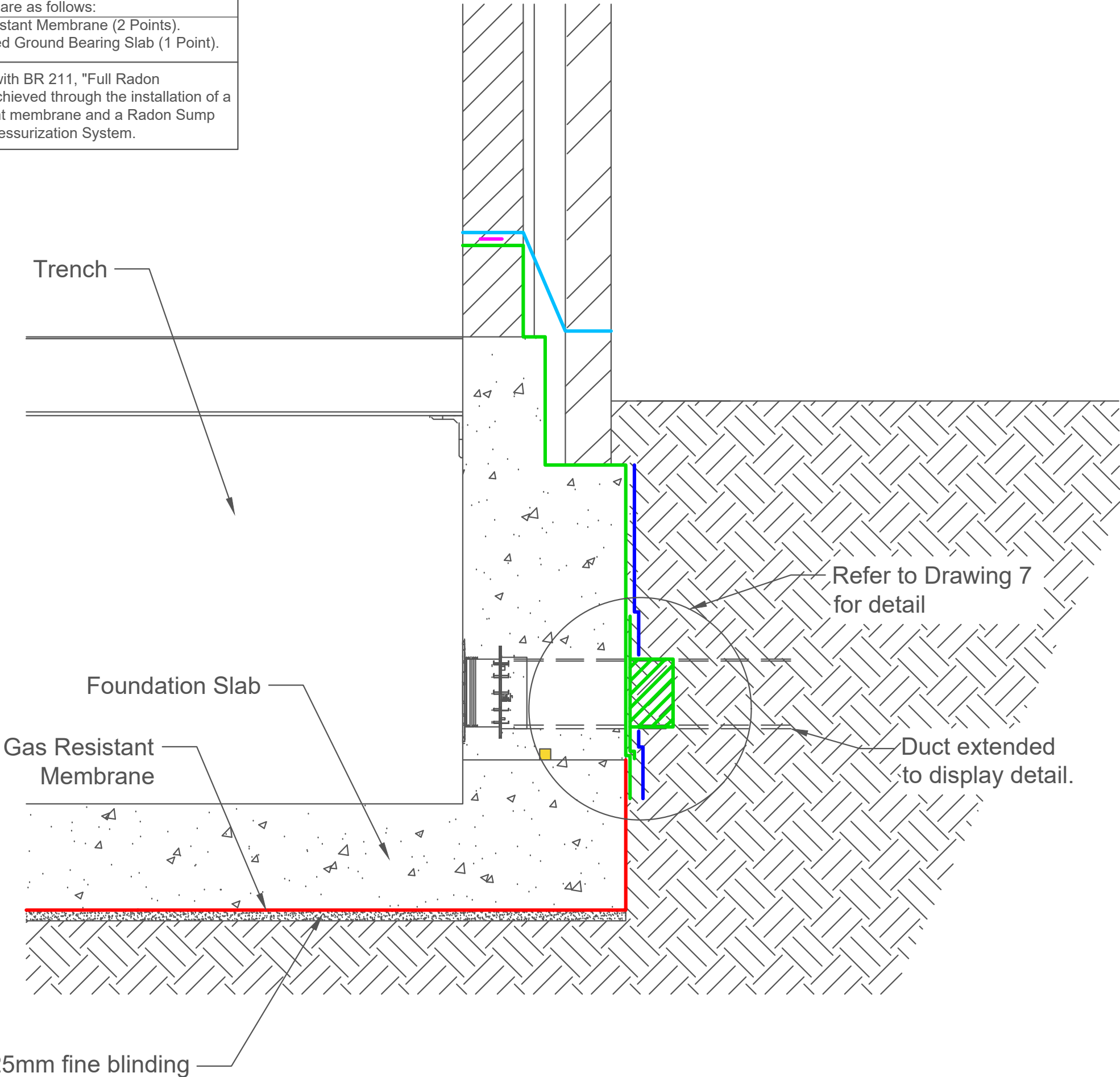
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Key

	Juta Titan Bond (Fleeced Membrane)
	Juta GP1 SAM
	Juta Protection Board
	Juta GP Radon DPC
	Juta DS Butyl Tape
	Hydrophilic Strip

Client

Kaberry Construction

Project

Bury New Road, Heywood, OL10 3JY

Drawing Title

Perimeter Detail at Duct Exit from Trench from Section B-B in drawing - 200232_00043 REV 001

Drawing Number	Revision Number
GEO106127-04	Rev 0

Drawn By	Audited By	Scale	Date
TCS	PC	NTS	20/05/26

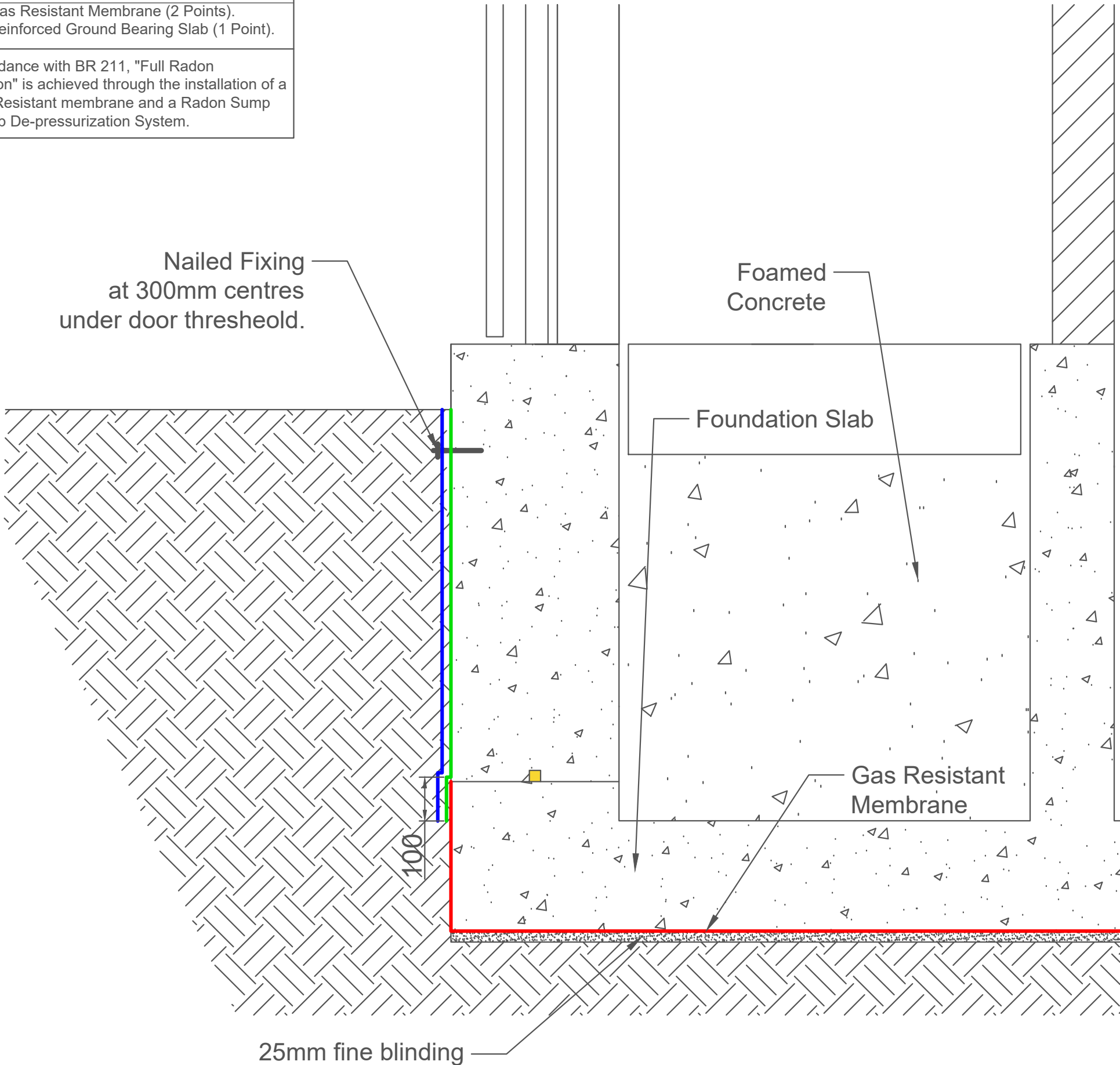
Site Designated CS3 along with a requirement for "Full Radon Protection"

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Key

	Juta Titan Bond (Fleeced Membrane)
	Juta GP1 SAM
	Juta Protection Board
	Hydrophilic Strip

Client

Kaberry Construction

Project

Bury New Road, Heywood, OL10 3JY

Drawing Title

Perimeter Detail at Door Threshold from Section C-C in drawing - 200232_00043 REV 001

Drawing Number	Revision Number		
GEO106127-05	Rev 0		
Drawn By	Audited By	Scale	Date
TCS	PC	NTS	20/05/26

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Site Designated CS3 along with a requirement for "Full Radon Protection"

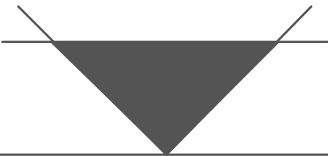
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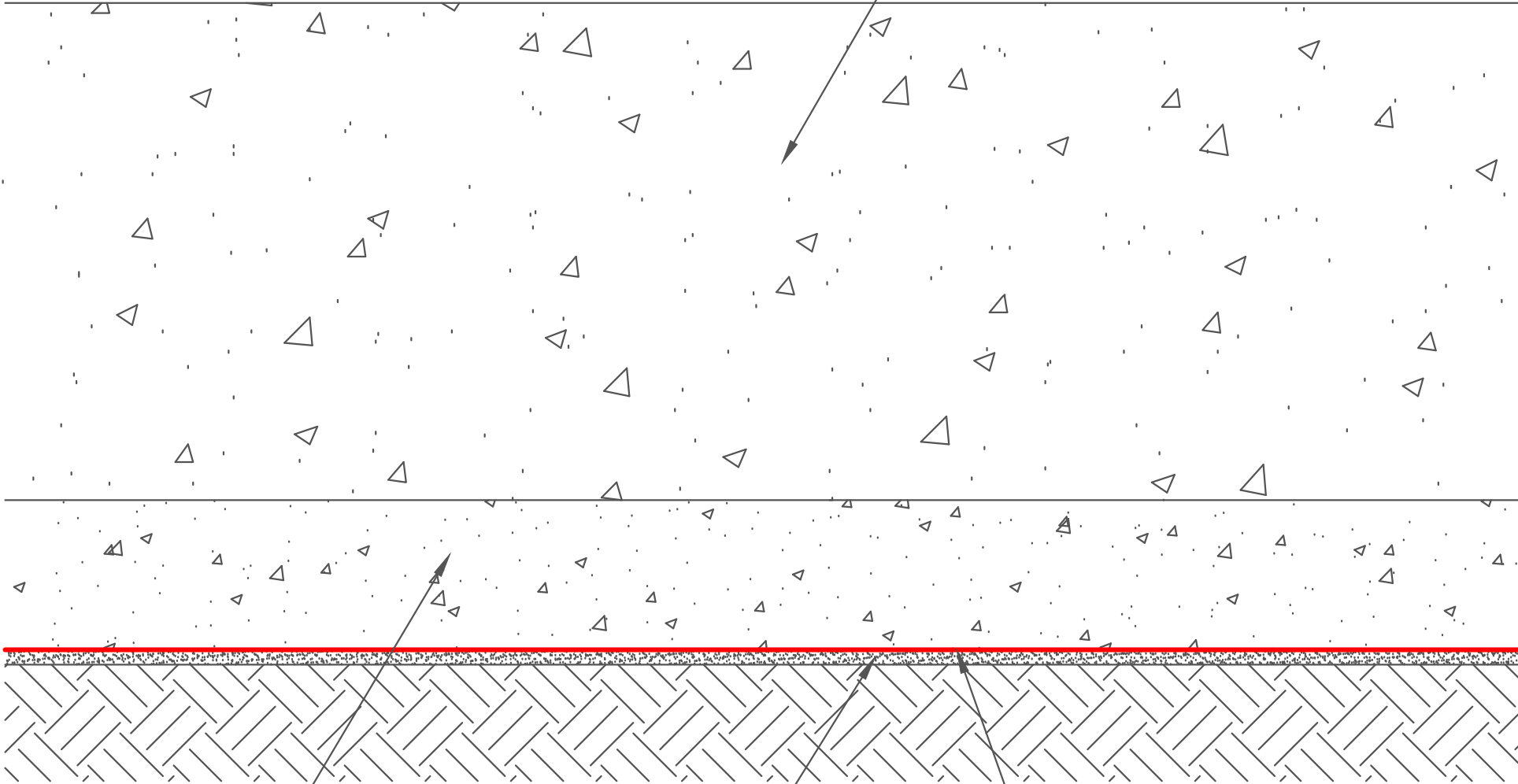
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F.F.L
+122.650m



Foamed Concrete



Foundation Slab

25mm fine blinding

Gas Resistant Membrane

Notes

-All Gas Resistant Membranes and ancillaries installed as per manufacturers guidance with welded or taped joints

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Key

	Juta Titan Bond (Fleeced Membrane)
	Juta GP1 SAM
	Juta Protection Board
	Hydrophilic Strip

Client

Kaberry Construction

Project

Bury New Road, Heywood, OL10 3JY

Drawing Title

Floor Structure Detail from Section C-C in drawing - 200232_00043 REV 001

Drawing Number	Revision Number		
GEO106127-06	Rev 0		
Drawn By	Audited By	Scale	Date
TCS	PC	NTS	20/05/26

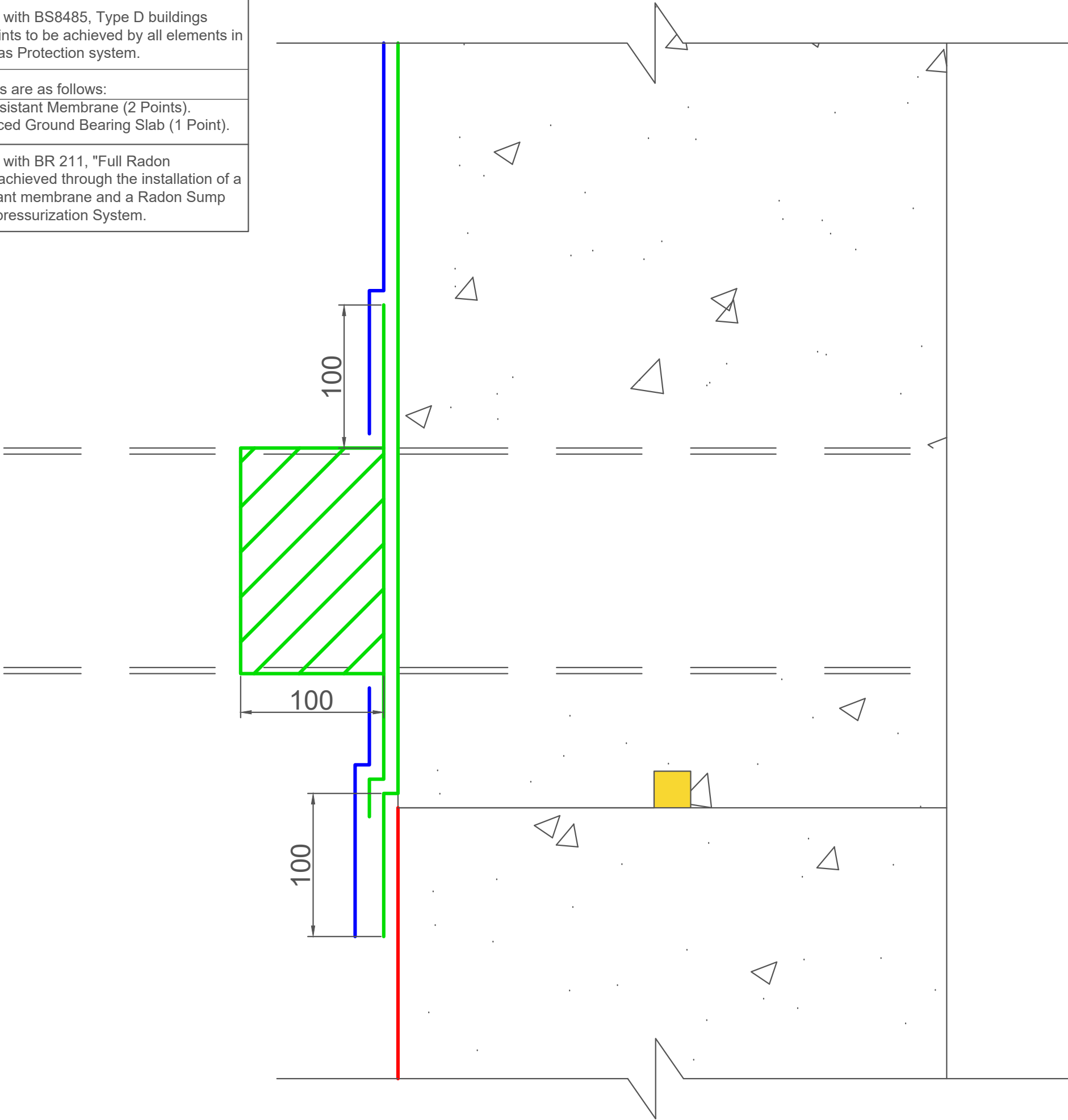
Site Designated CS3 along with a requirement for "Full Radon Protection"

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Notes

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-All corners and penetrations to be sealed with GP1 SAM

-Design based on information provided to GeoShield by Kaberry Construction. If any information is changed or updated GeoShield should be made aware instantly so we can amend the design as required to achieve the suitable level of Ground Gas Protection. Failure to update GeoShield could result in the design being invalid.

Key

Juta Titan Bond (Fleeced Membrane)

Juta GP1 SAM

Juta Protection Board

Juta GP1 SAM Sleeve

Hydrophilic Strip

Client

Kaberry Construction

Project

Bury New Road, Heywood, OL10 3JY

Drawing Title

Duct Exit Detail

Drawing Number

Revision Number

GEO106127-07

Rev 0

Drawn By

Audited By

Scale

Date

TCS

PC

NTS

20/05/26

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Site Designated CS3 along with a requirement for "Full Radon Protection"

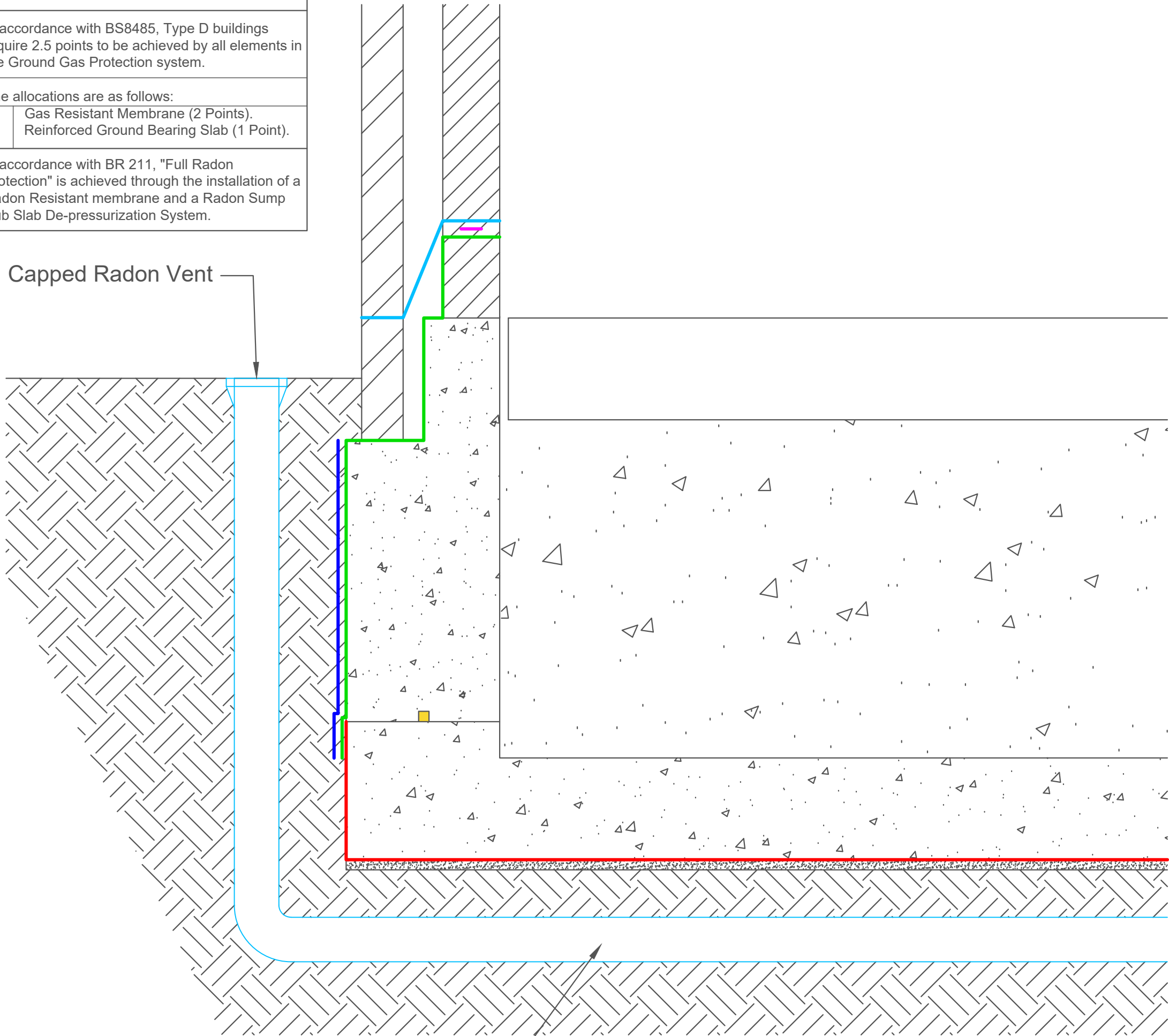
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Capped Radon Vent



110mm Vent Pipe

Notes

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Key	
	Juta Titan Bond (Fleeced Membrane)
	Juta GP1 SAM
	Juta Protection Board
	Juta GP Radon DPC
	Juta DS Butyl Tape
	Hydrophilic Strip

Client
Kaberry Construction

Project
Bury New Road, Heywood, OL10 3JY

Drawing Title
Typical Perimeter Detail at Capped Radon Vent

Drawing Number		Revision Number	
GEO106127-08		Rev 0	
Drawn By	Audited By	Scale	Date
TCS	PC	NTS	20/05/26



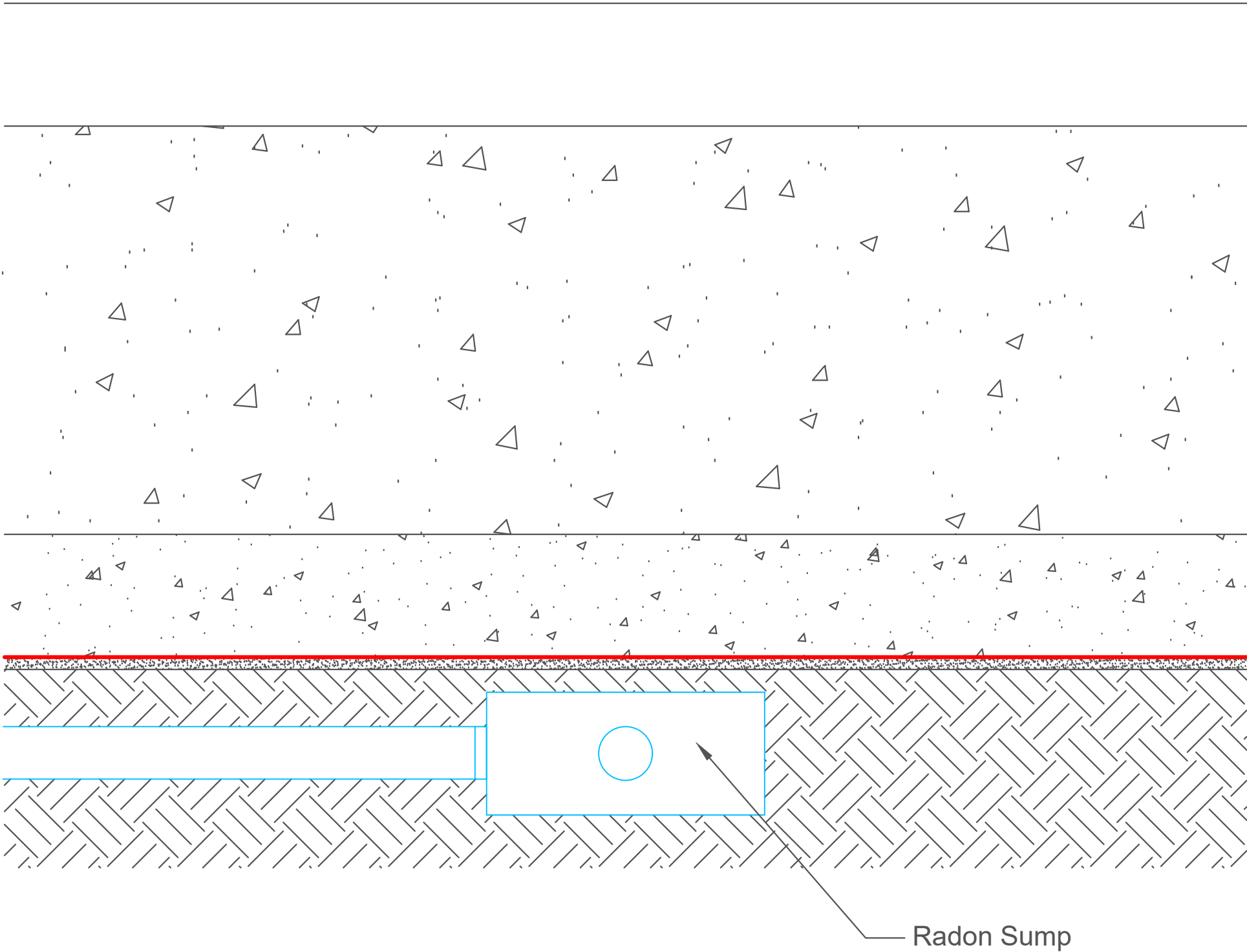
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Key

Juta Titan Bond (Fleeced Membrane)

Client

Kaberry Construction

Project

Bury New Road, Heywood, OL10 3JY

Drawing Title

Typical Radon Sump Detail

Drawing Number

Revision Number

GEO106127-09

Rev 0

Drawn By

Audited By

Scale

Date

TCS

PC

NTS

20/05/26

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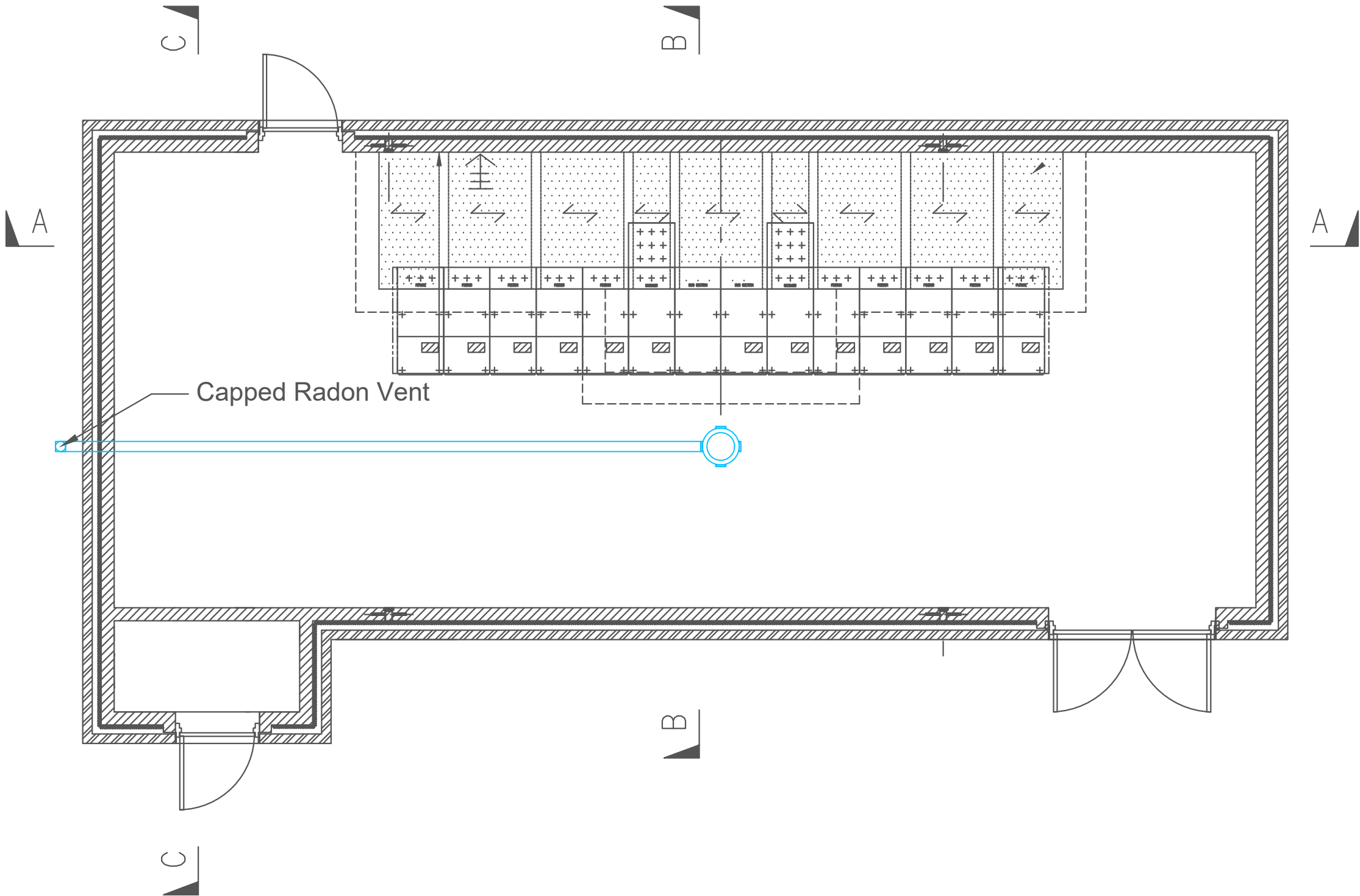
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Key

Client
Kaberry Construction

Project
Bury New Road, Heywood, OL10 3JY

Drawing Title
Radon Vent Plan

Drawing Number		Revision Number	
GEO106127-10		Rev 0	
Drawn By	Audited By	Scale	Date
TCS	PC	NTS	20/05/26



Gas Resistant Membrane
Laid into corner

150mm X 150mm Patch of
GRSAM pressed into corner
to reinforce the membrane

Patch of GRSAM to suit height of
the corner pressed into position
sealing to the bottom

Excesses GRSAM folded
over and pressed down to
create a seal

150mm X 150mm Patch of GRSAM
pressed on the bottom of the
corner to seal it off

300mm X 300mm 'L' Patch
of GRSAM laid on the top
of the corner to seal it off

Notes

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Key

	Juta Titan Bond
	Juta GP1 SAM

Client

Kaberry Construction

Project

Bury New Road, Heywood, OL10 3JY

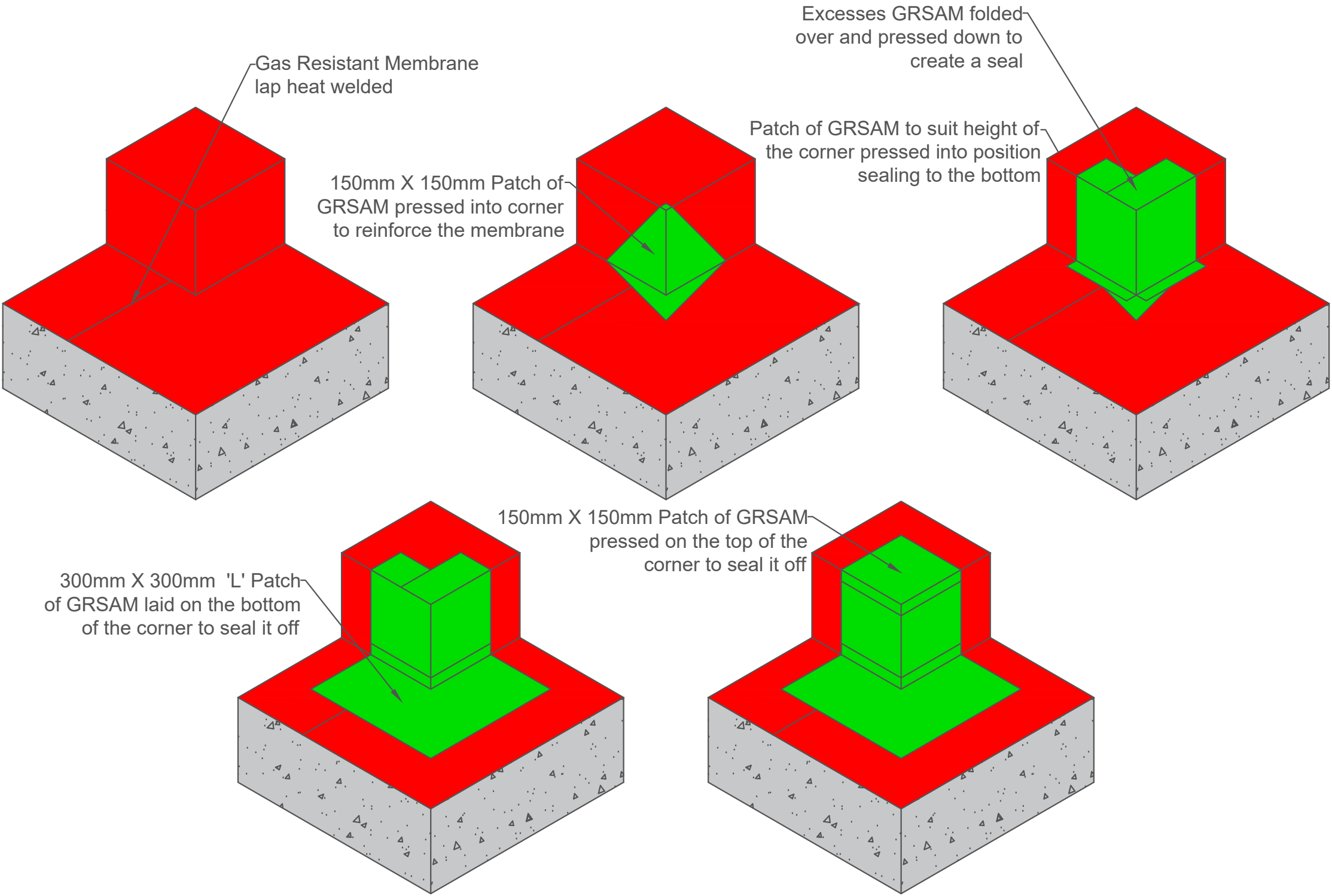
Drawing Title

Internal Corners

Drawing Number		Revision Number	
GEO106127-11		Rev 0	
Drawn By	Audited By	Scale	Date
TCS	PC	NTS	20/05/26

 **GEO**SHIELD





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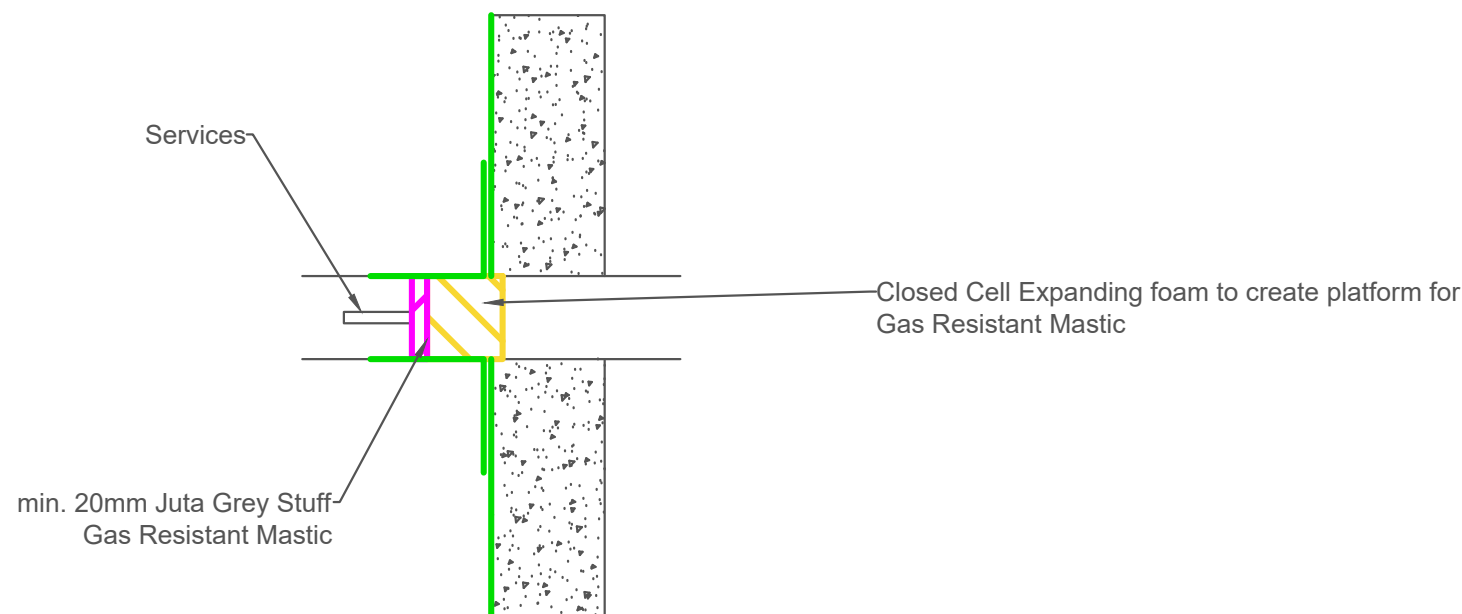
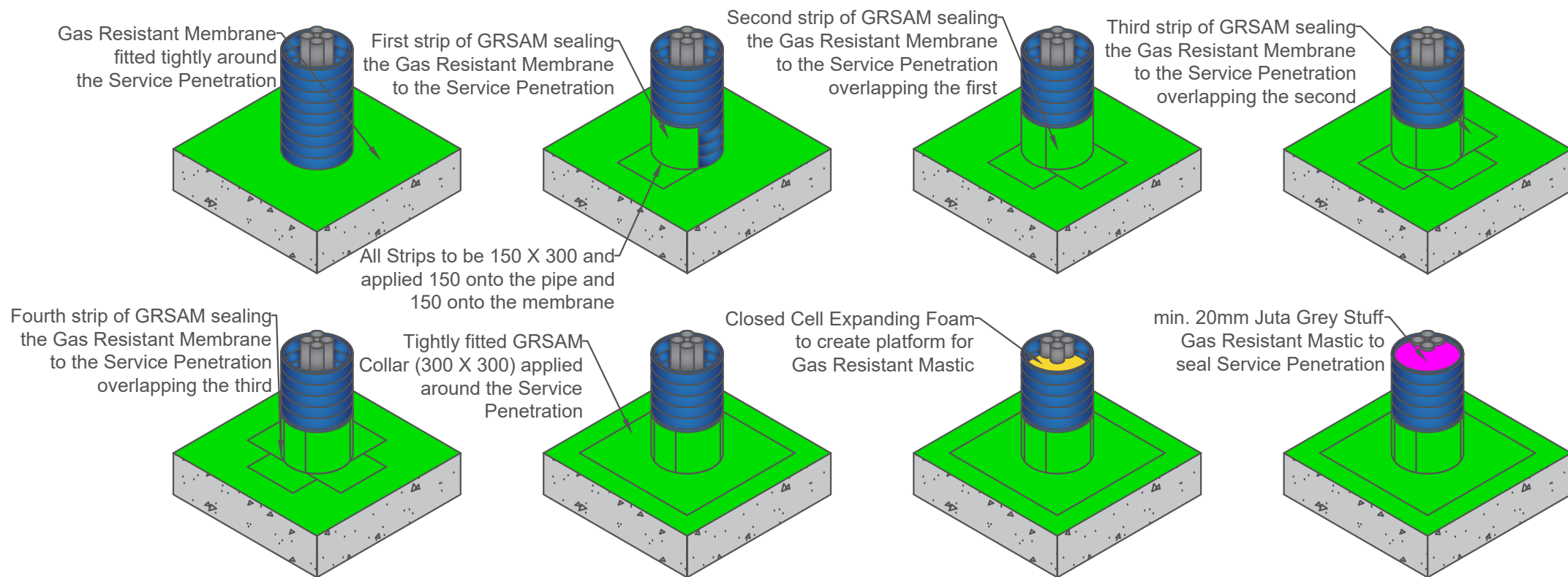
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Key	
	Juta Titan Bond
	Juta GP1 SAM

Client	
Kaberry Construction	
Project	
Bury New Road, Heywood, OL10 3JY	
Drawing Title	
External Corners	

Drawing Number		Revision Number	
GEO106127-12		Rev 0	
Drawn By	Audited By	Scale	Date
TCS	PC	NTS	20/05/26





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Key

	Juta GP1 SAM
	Juta Grey Stuff
	Closed Cell Expanding Foam

Client

Kaberry Construction

Project

Bury New Road, Heywood, OL10 3JY

Drawing Title

Service Ducts

Drawing Number		Revision Number	
GEO106127-13		Rev 0	
Drawn By	Audited By	Scale	Date
TCS	PC	NTS	20/05/26

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