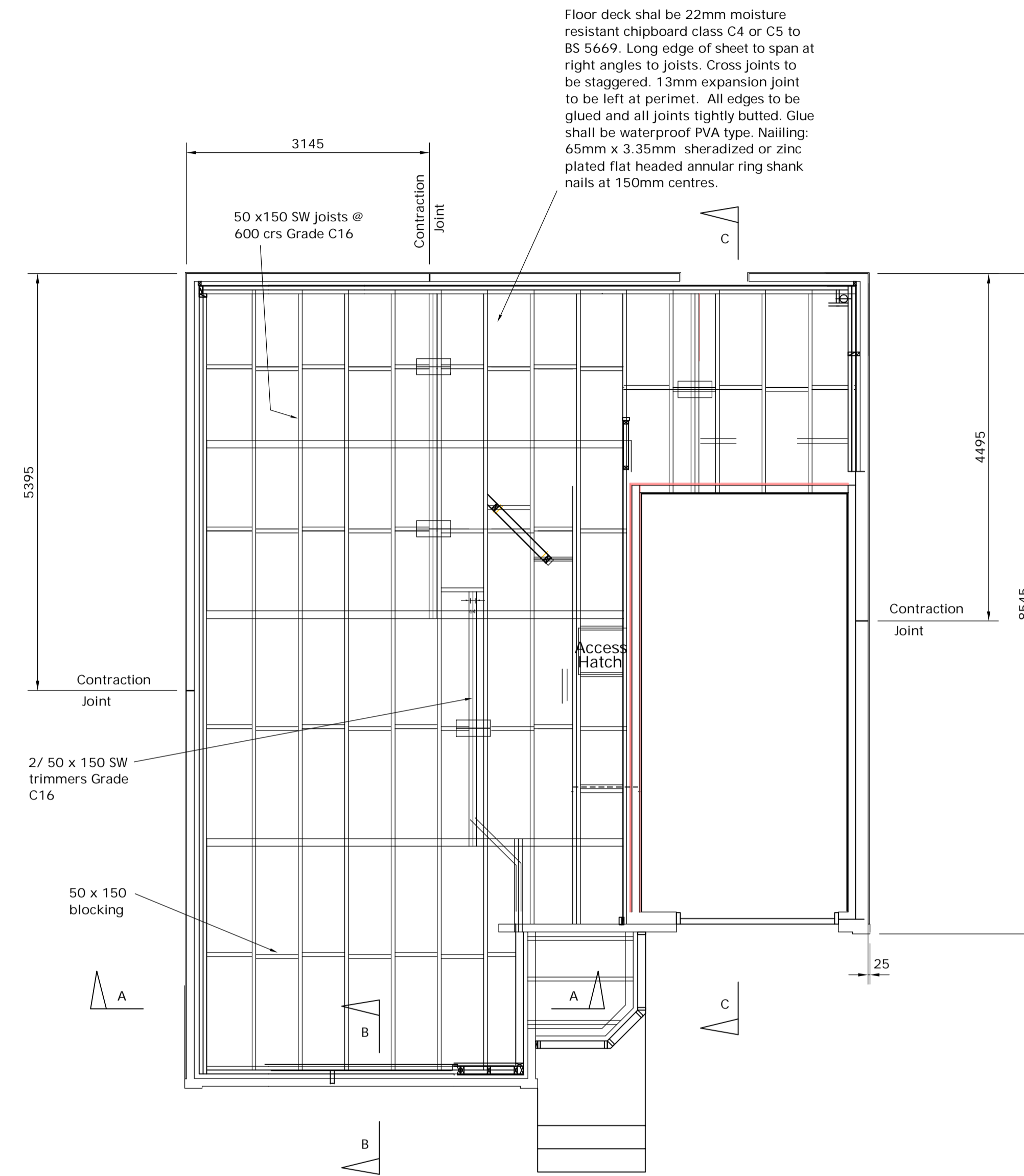
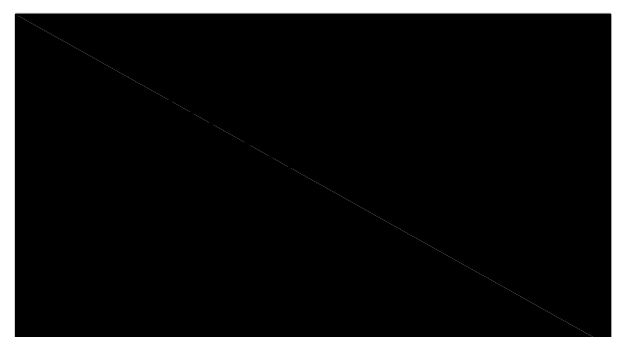
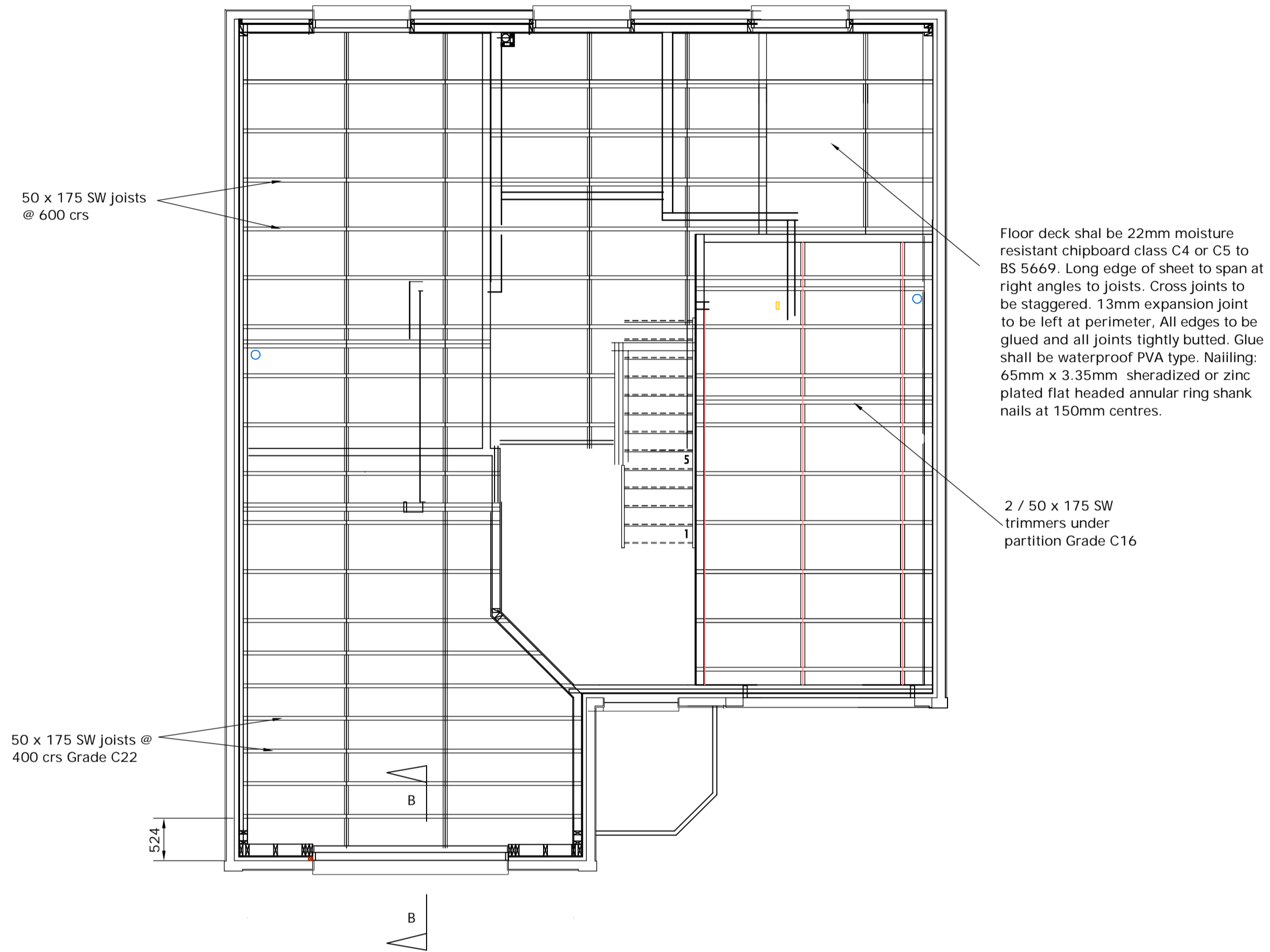


PLAN ON FOUNDATION

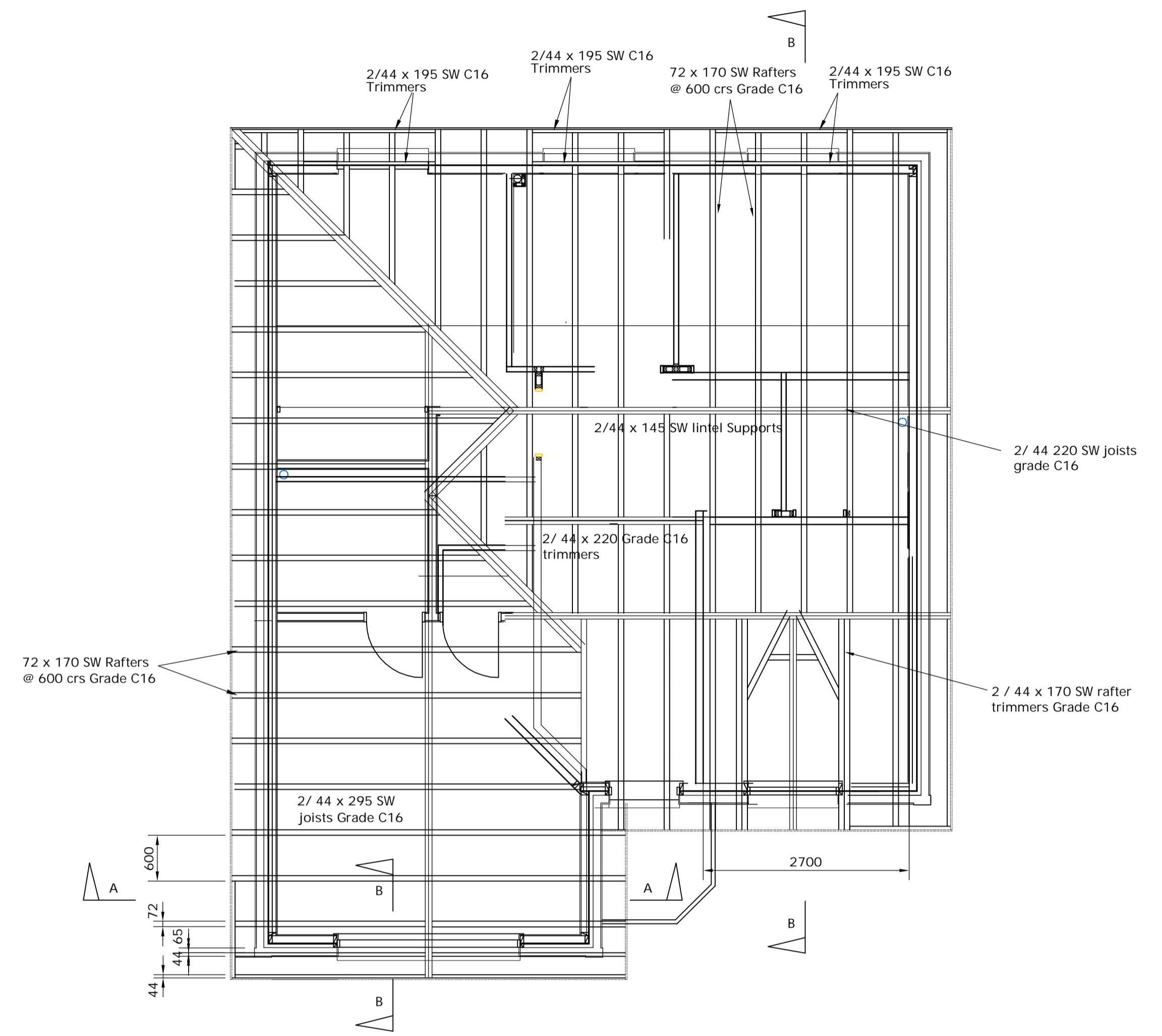


PLAN ON GROUND FLOOR

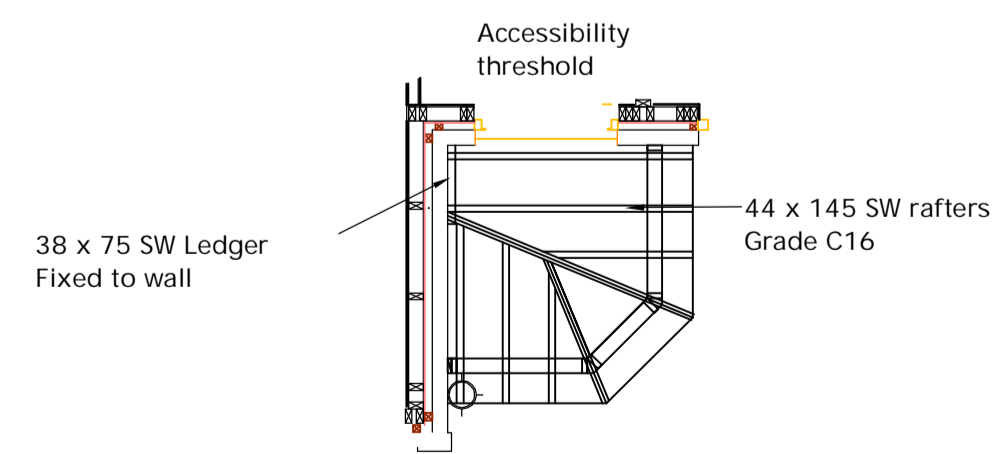




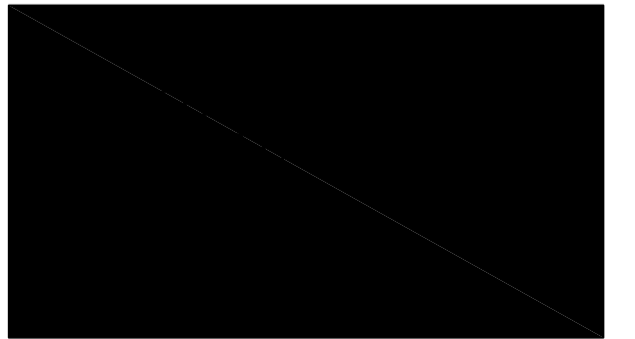
PLAN ON FIRST FLOOR



ROOF PLAN



ENTRANCE ROOF PLAN

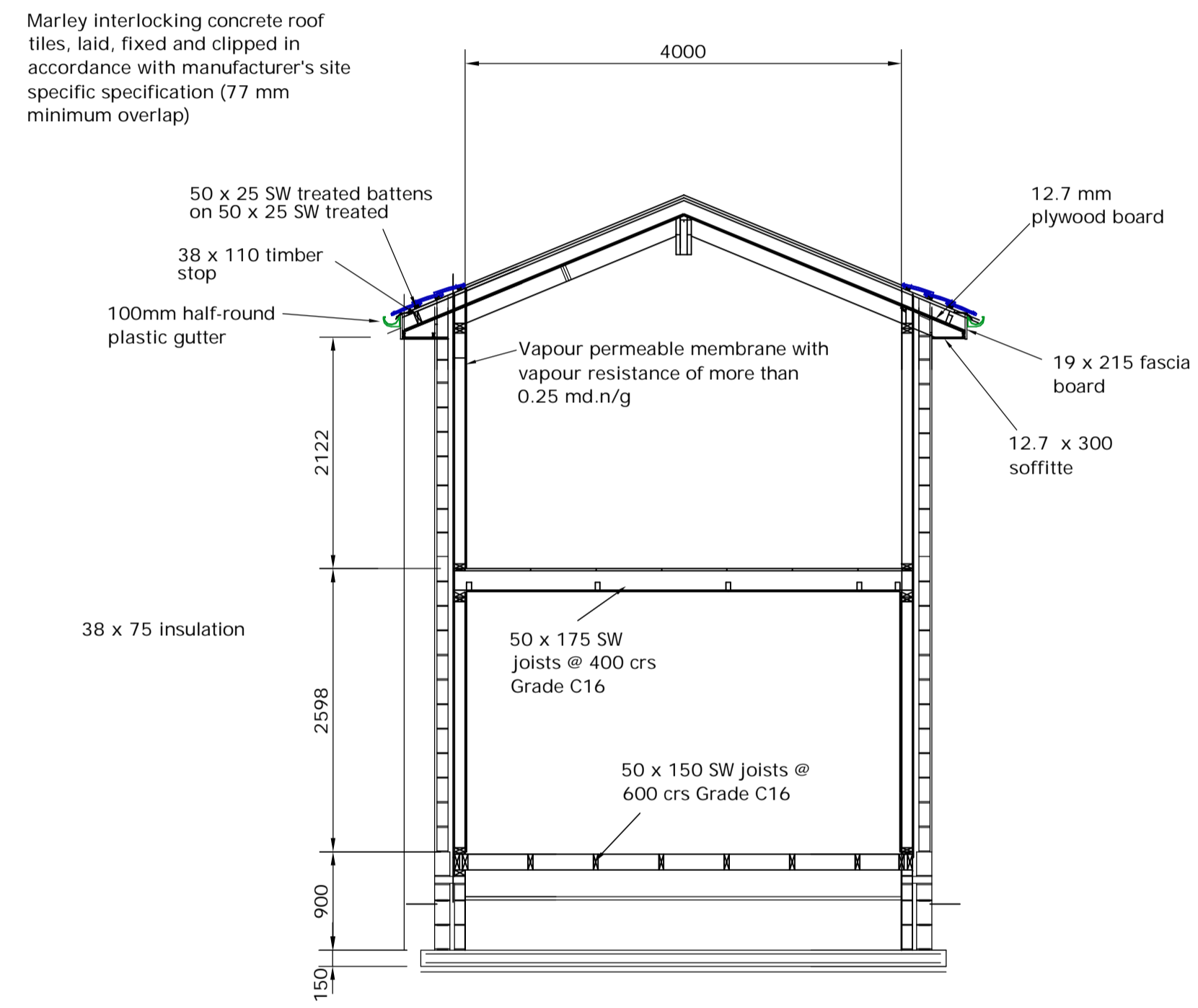


Roof
 Marley interlocking concrete roof tiles, laid fixed and clipped at ridge, eaves and verge in accordance with the manufacturer's site specific specification (77mm minimum overlap on 50mm x 25mm SW treated battens on 50mm x 25mm counterbattens on Kingspan Nilvent breathable sarking membrane in horizontal runs with 75mm overlap sealed with 75mm double sided acrylic adhesive tape on external walls below DPC.

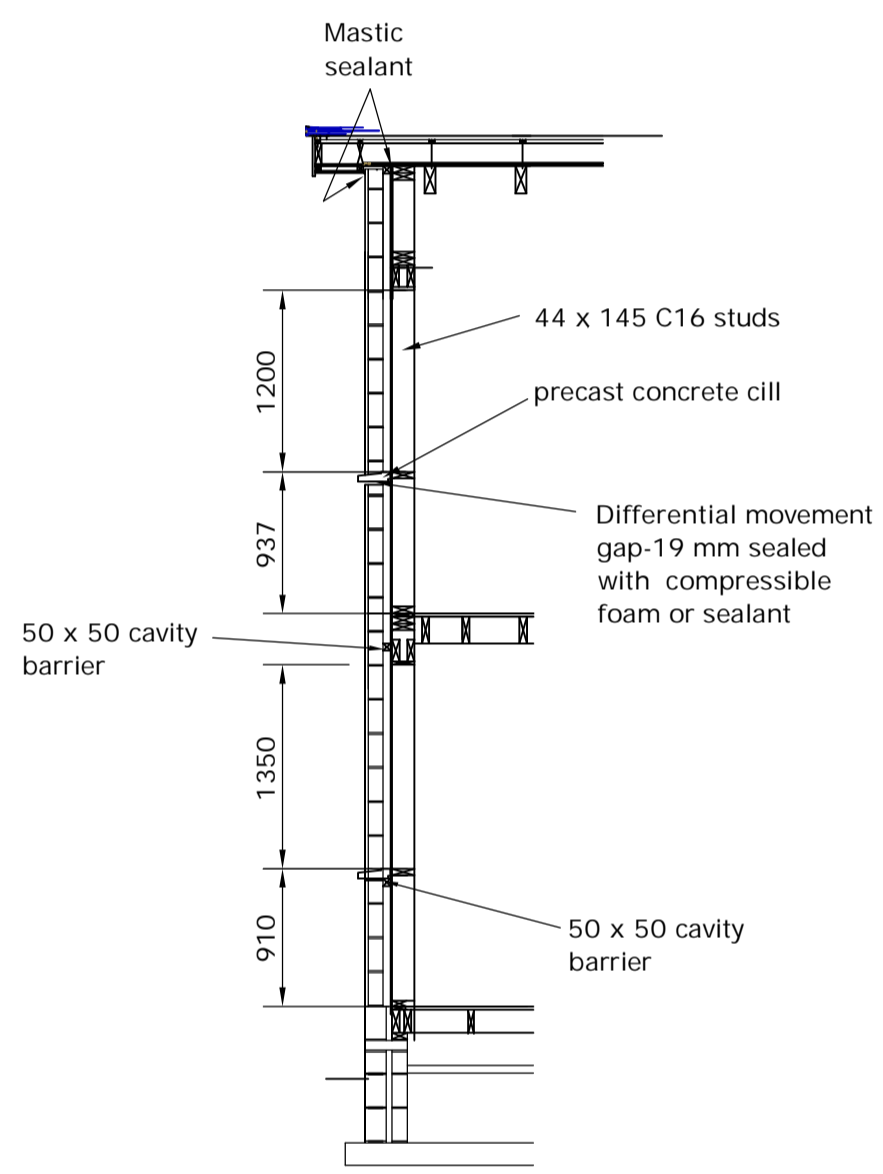
External leaf to be 140mm thick sandstone faced dense concrete masonry, 40mm cavity and 100mm thermalite shield (3.6 N/mm² crushing strength). External Walls above DPC.

20mm render on 100mm Thermalite Turbo block (mean compressive strength 2.9N/mm², designed thermal conductivity 0.11W/mk, specified gross density 470kg/m², 50mm Cavity).

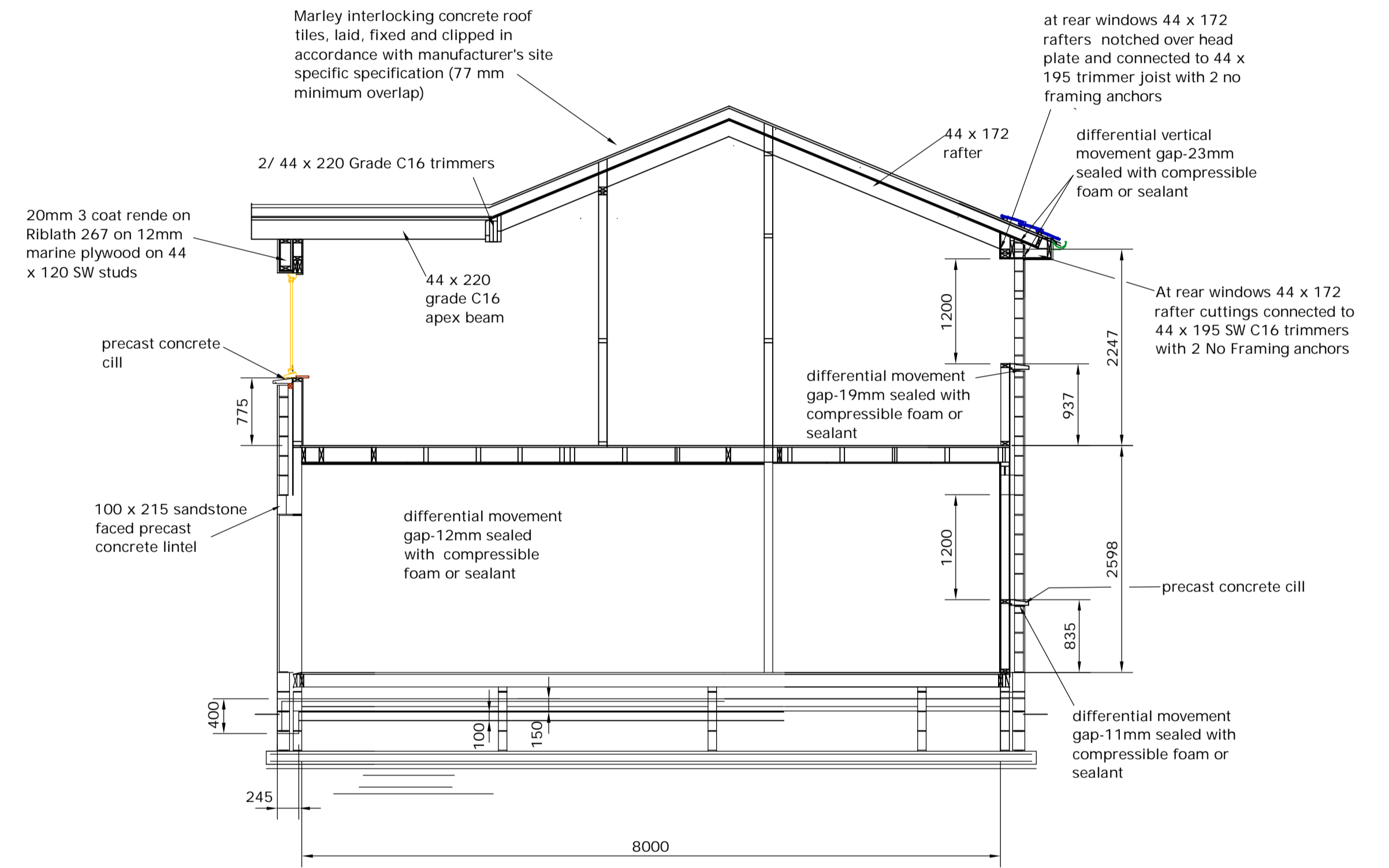
Timber frame internal wall construction 44mm x 97mm C16 studs @ 600mm maximum centres sheathed externally with 9.5mm OSB board and covered with YBS insulated 4mm breather foil FR fire retarded breather membrane stapled to OSB board as per the manufacturer's recommendations. 75mm Kingspan T1W55 rigid insulation boards packed tight between studs and a 500g vapour barrier installed on the inner face and covered with 13mm Gyproc wallboard, taped, filled and finished to suit.



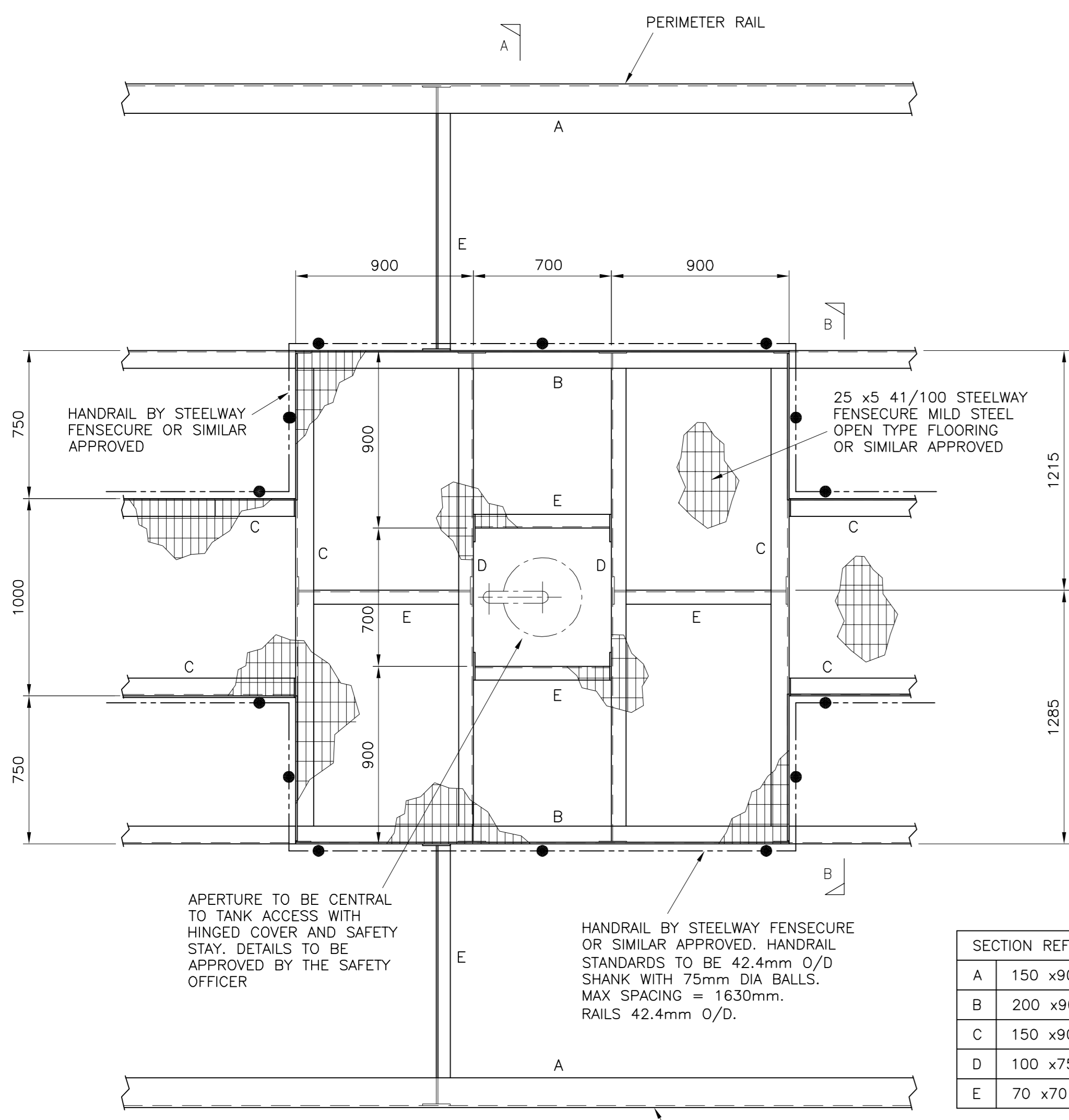
SECTION A-A



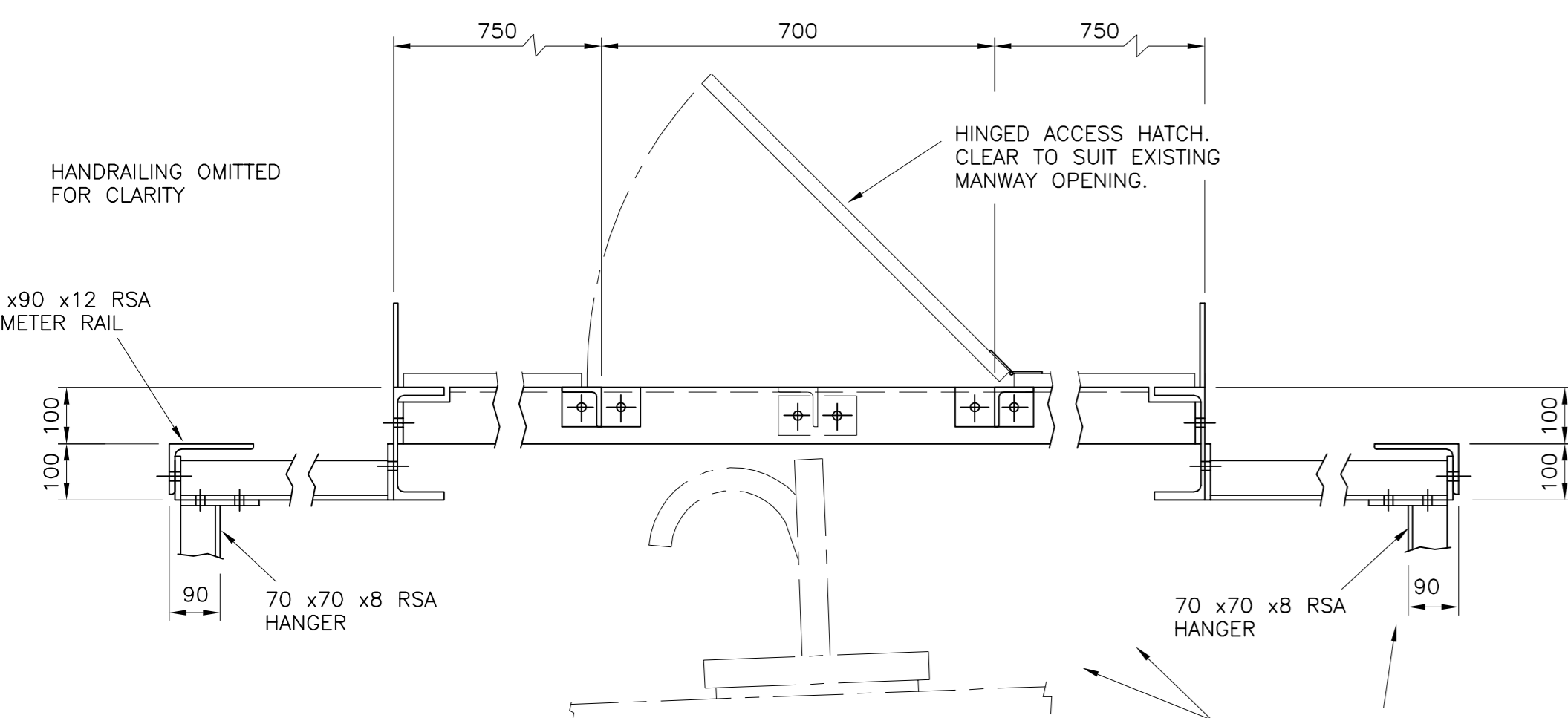
SECTION B-B



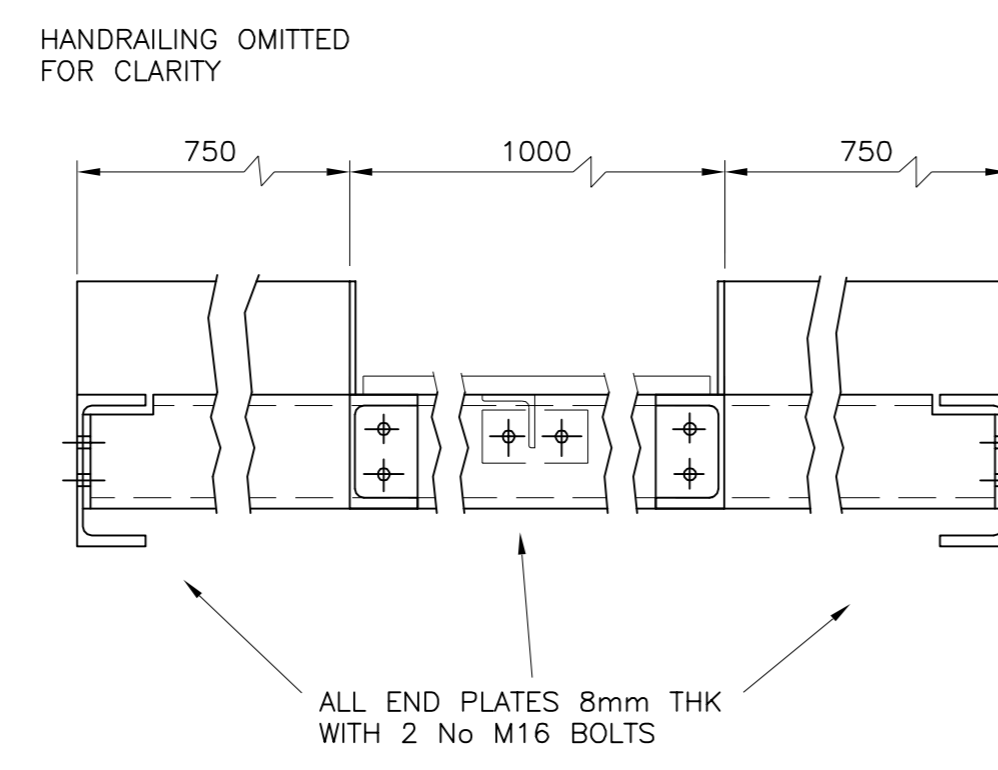
SECTION C-C



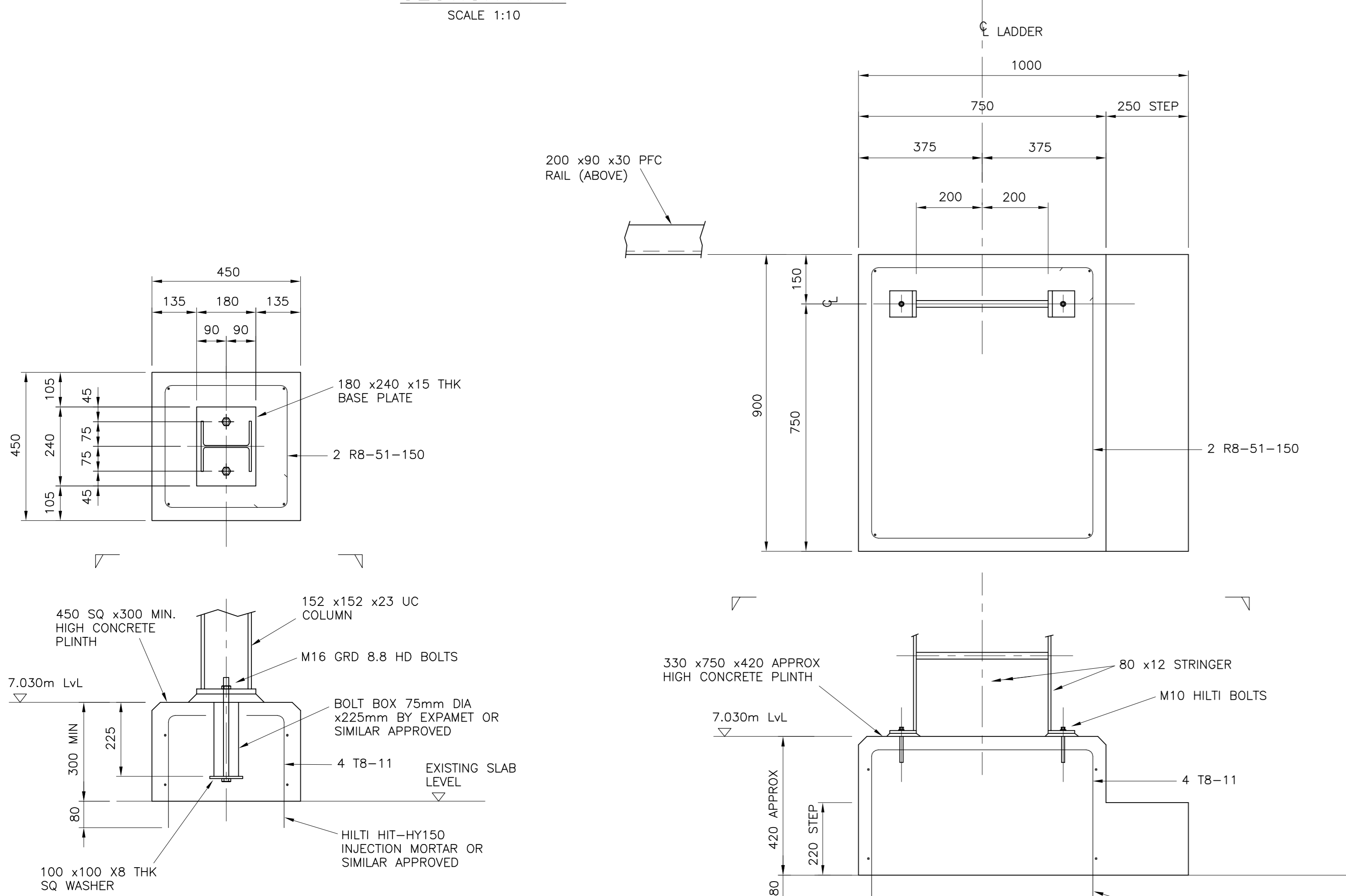
DETAIL 1
SCALE 1:20
(SHEET 1)



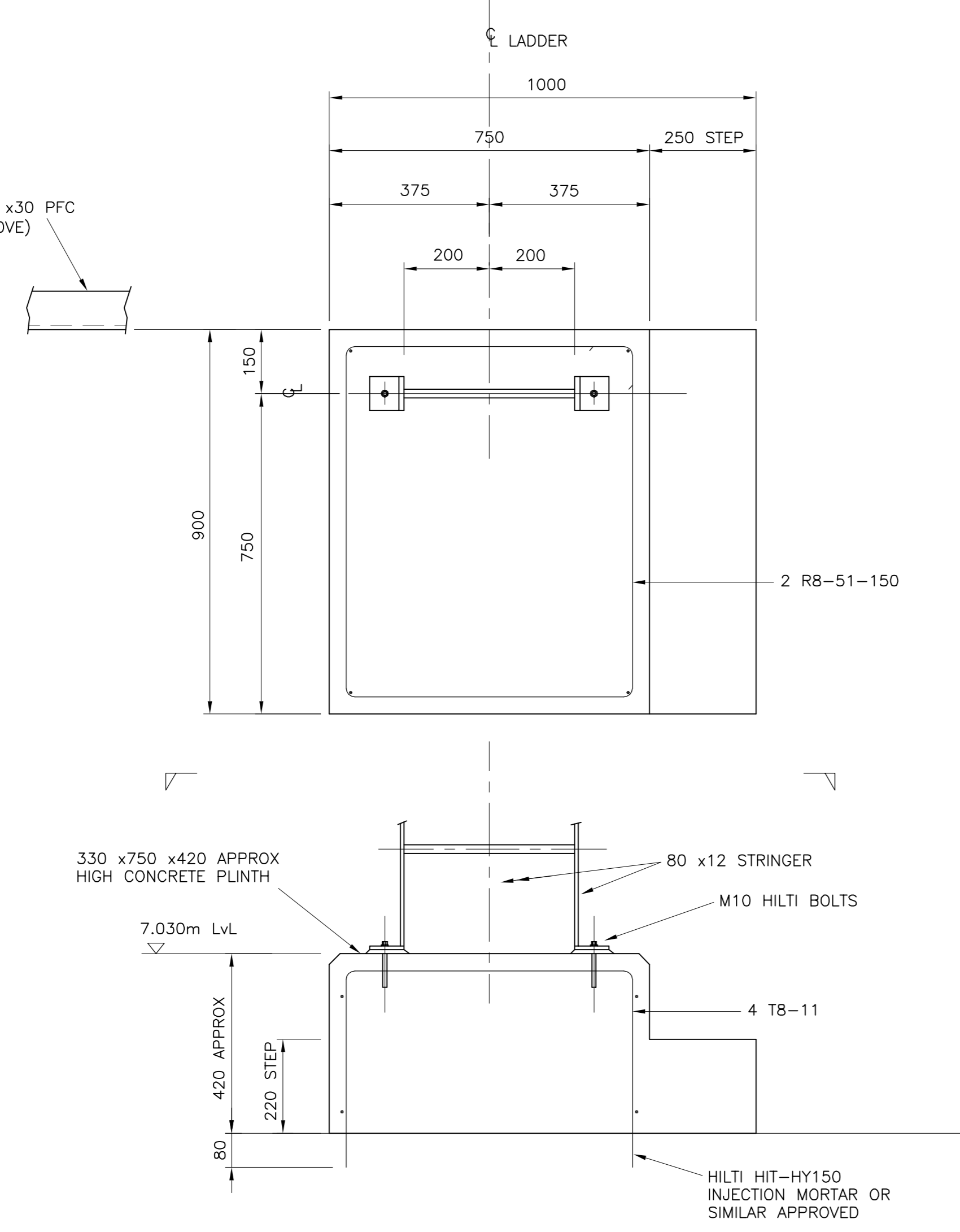
SECTION A-A
SCALE 1:10



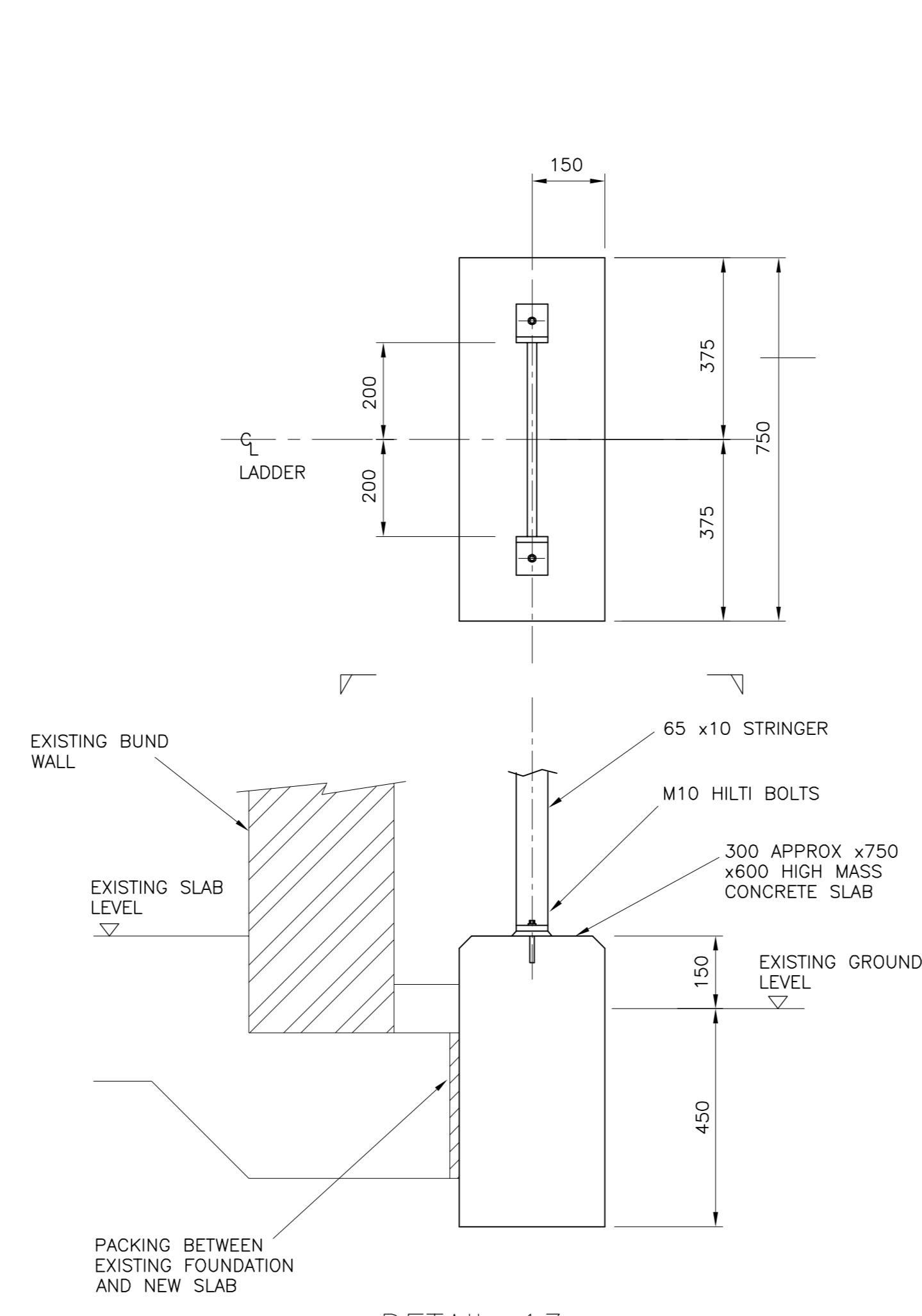
SECTION B-B
SCALE 1:10



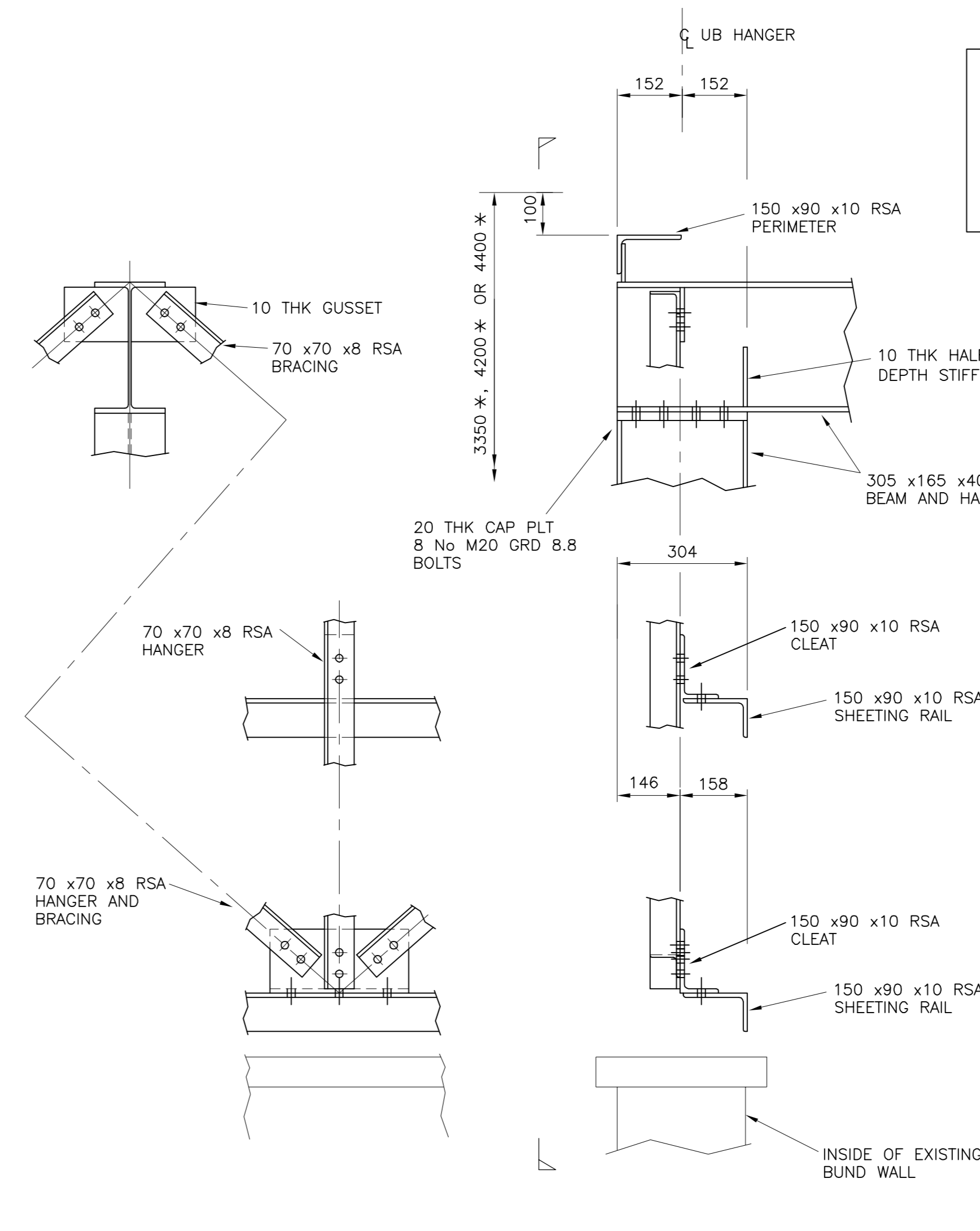
DETAIL 11
SCALE 1:10
(SHEET 1)



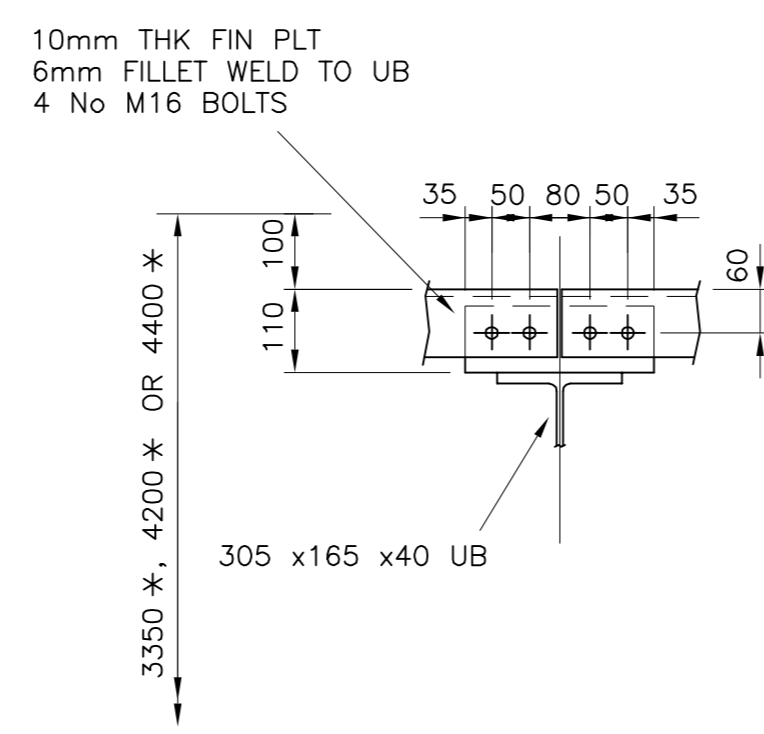
DETAIL 12
SCALE 1:10
(SHEET 1)



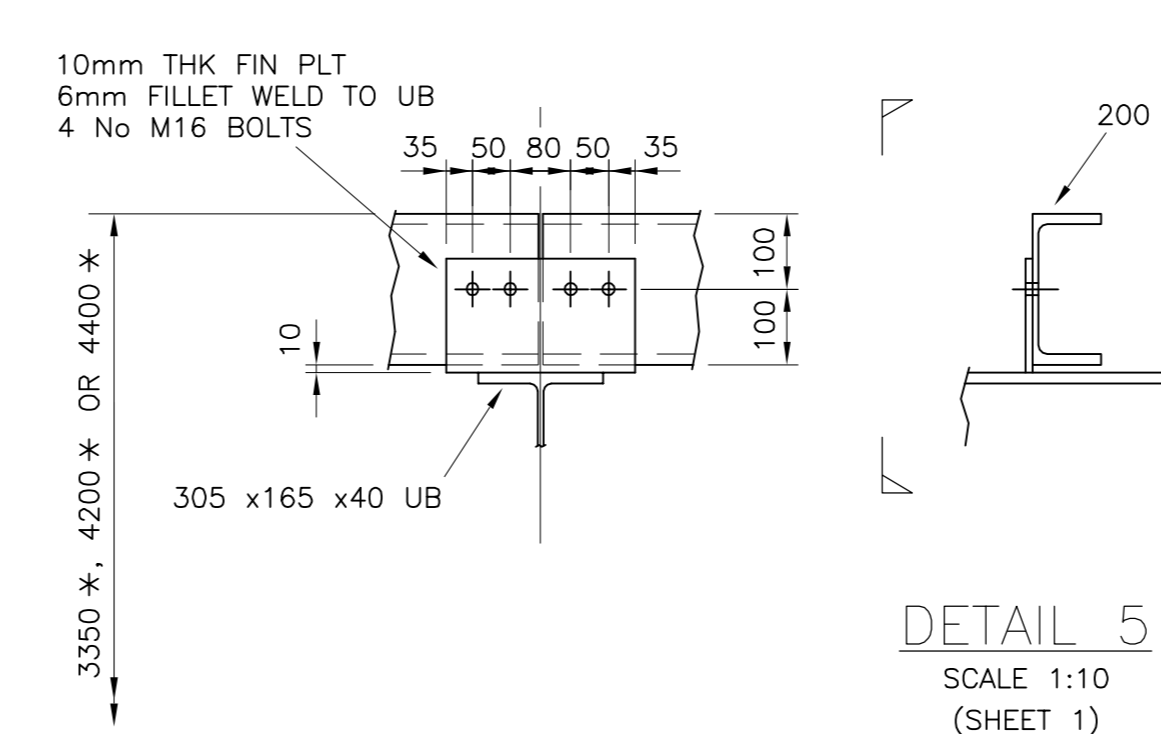
DETAIL 13
SCALE 1:10
(SHEET 1)



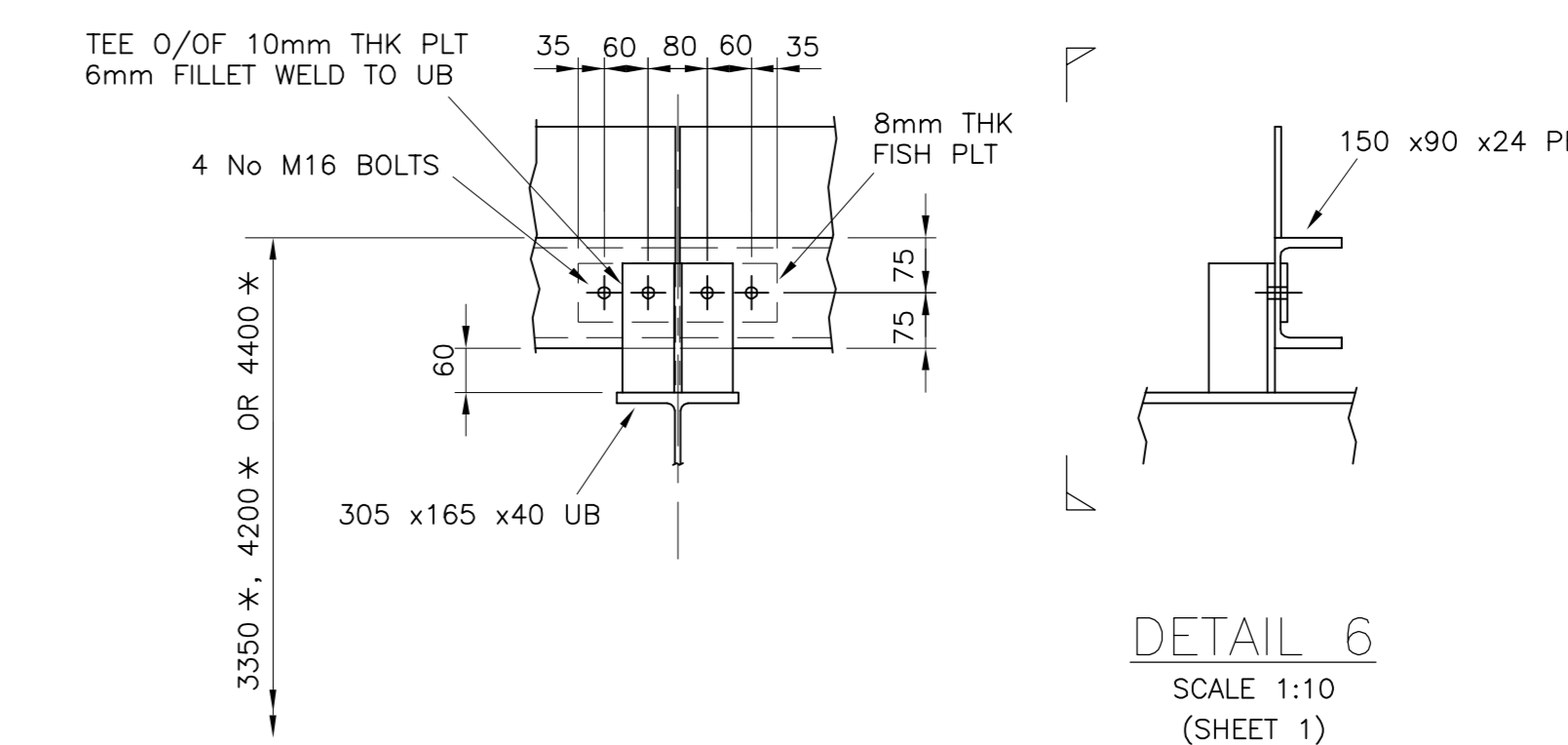
TYPICAL BRACING AND HANGER DETAIL
SCALE 1:10



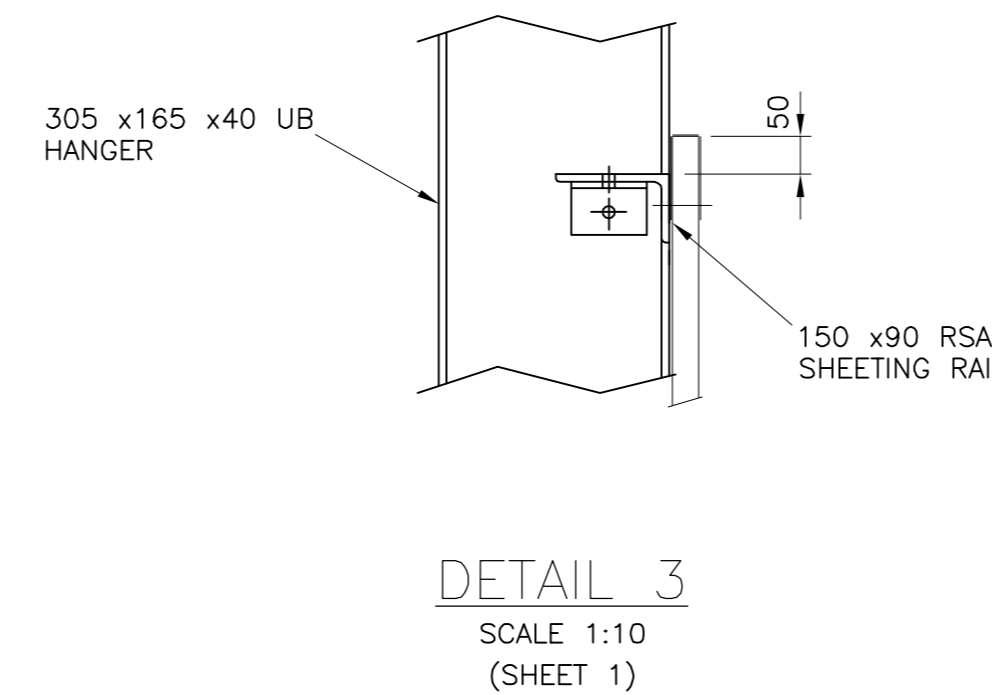
DETAIL 2
SCALE 1:10
(SHEET 1)



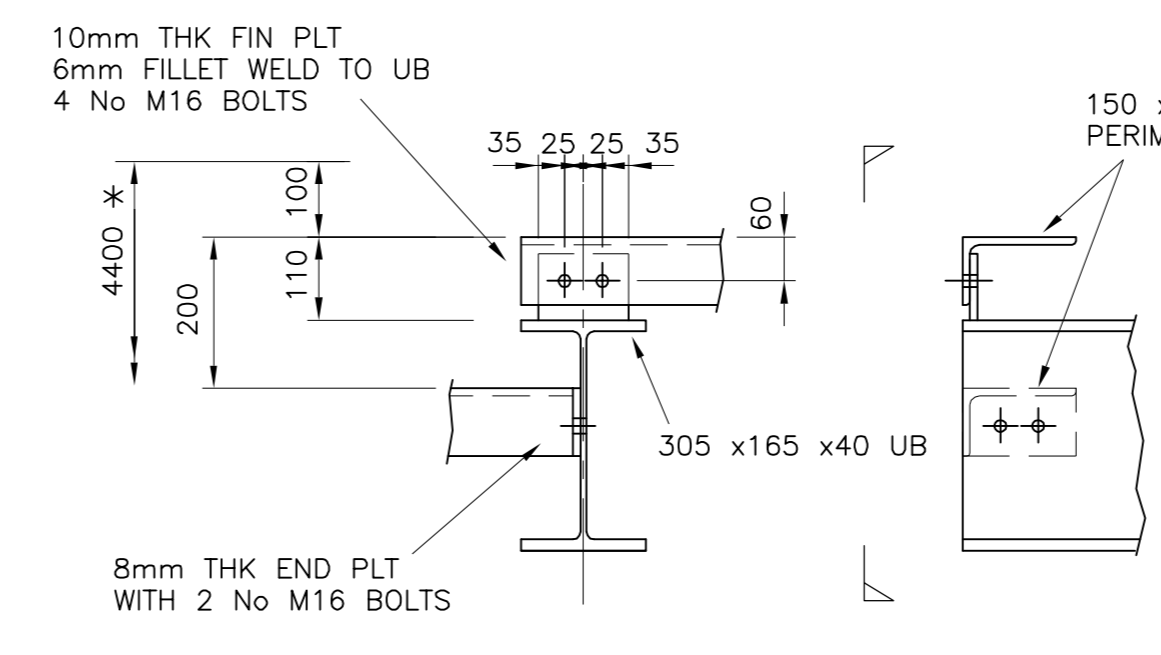
DETAIL 5
SCALE 1:10
(SHEET 1)



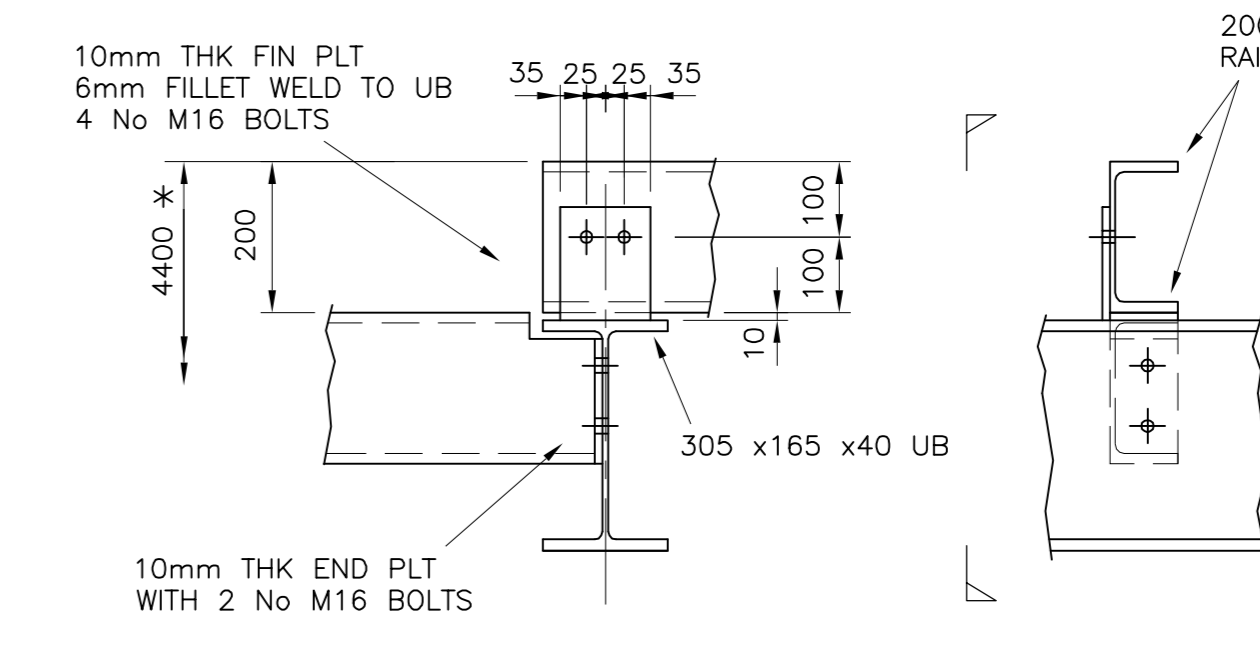
DETAIL 6
SCALE 1:10
(SHEET 1)



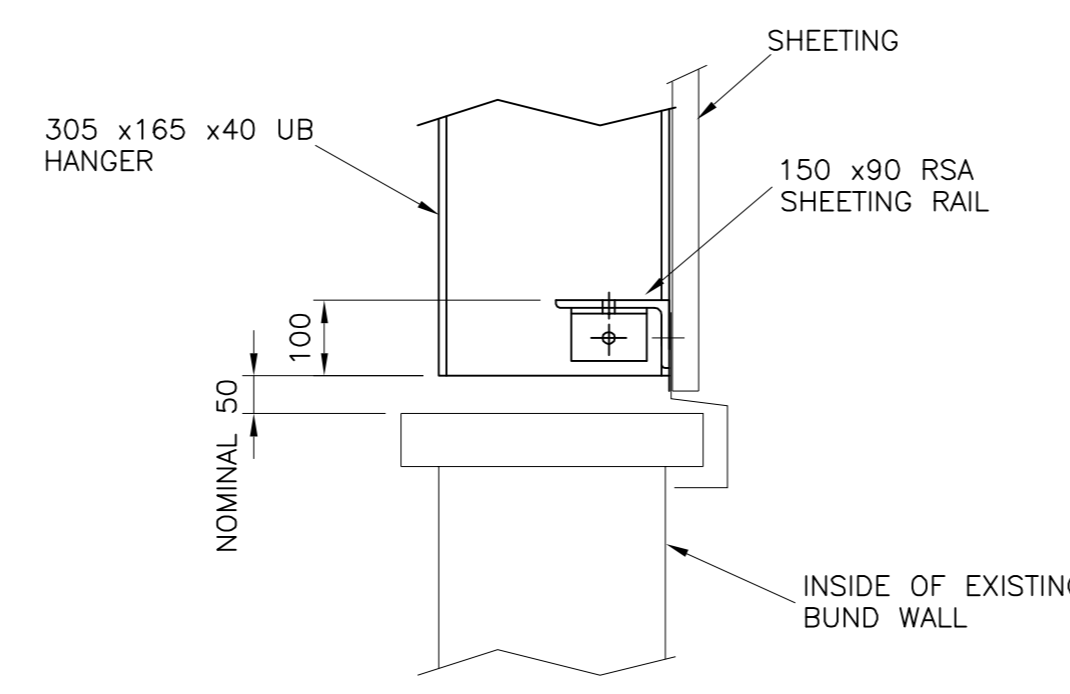
DETAIL 3
SCALE 1:10
(SHEET 1)



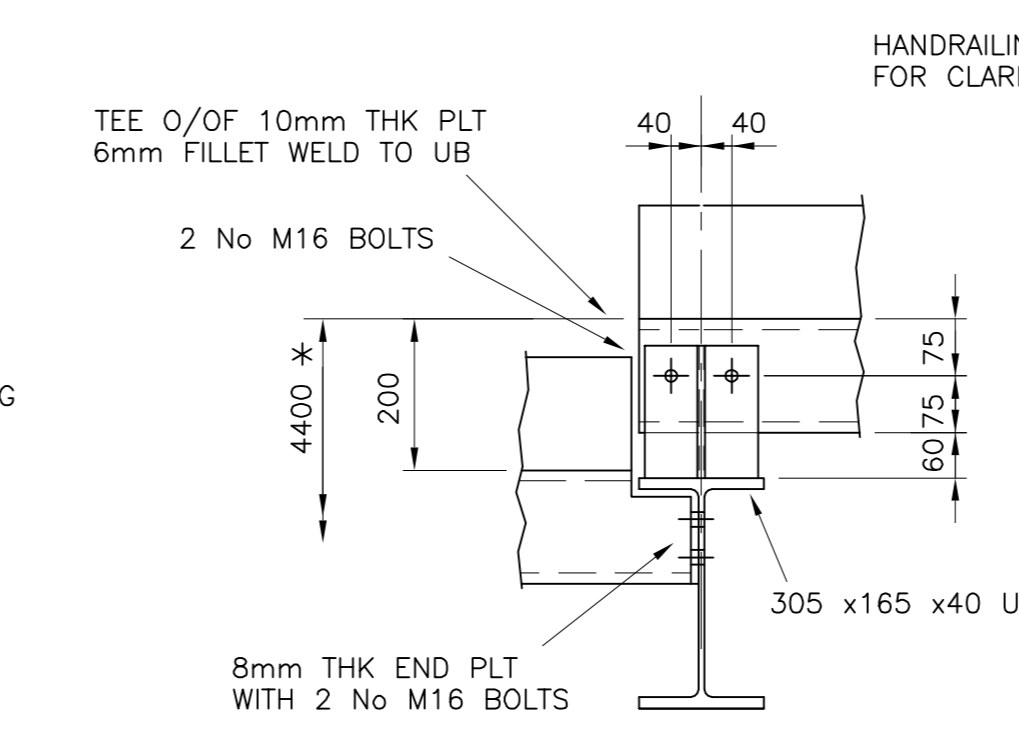
DETAIL 7
SCALE 1:10
(SHEET 1)



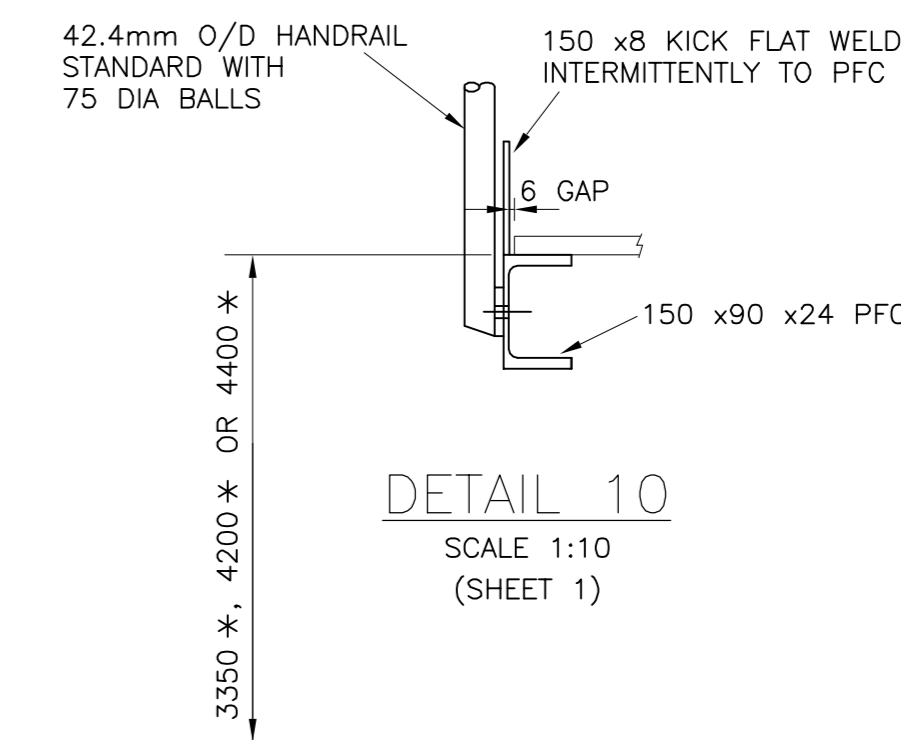
DETAIL 8
SCALE 1:10
(SHEET 1)



DETAIL 4
SCALE 1:10
(SHEET 1)



DETAIL 9
SCALE 1:10
(SHEET 1)



DETAIL 10
SCALE 1:10
(SHEET 1)

NOTE :- FOR PLANS ELEVATIONS SECTIONS AND DETAILS REFER TO SHEET 1 DRG No. TENRPP 880/012 AND SHEET 2 DRG NO. TENRPP 880/013

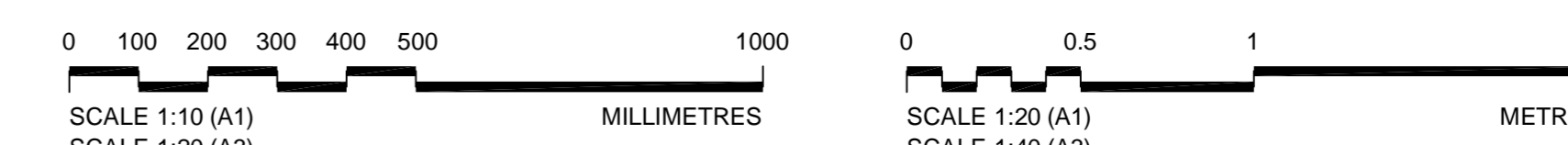
NOTES:

ALL DIMENSIONS MARKED TO BE CHECKED ON SITE

EXISTING BUND FLOOR, WALLS AND PLINTHS UP TO 300mm ABOVE FLOOR LEVEL TO BE LINED ON INSIDE OF BUND WITH SITE APPLIED, BUILT-UP LINING SYSTEM BY SUI-GENERIS OR SIMILAR APPROVED.

SURFACE CLEANING/PREPARATION, TO ALL SURFACES TO BE LINED, TO BE CARRIED OUT BY SUI-GENERIS OR IN STRICT ACCORDANCE WITH THEIR SPECIFICATIONS.

CLADDING TO BE R32/1000 PBL 0.7mm POWDER COATED BOTH SIDES. COLOURS TO BE APPROVED. SUPPLIED BY CLADCO OR SIMILAR APPROVED.



NOTE: THIS DRAWING AND SUPPORTING REFERENCE DRAWINGS ARE ISSUED IN SUPPORT OF THE FORM B SUBMISSION FOR THIS PROJECT, INITIALLY ISSUED IN JANUARY 2006.

GENERAL NOTES

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH NETWORK RAIL MODEL CLAUSES FOR SPECIFYING CIVIL ENGINEERING WORKS R1/2/2/0/08
- ALL CONTROLLED DEMANTLING OF EXISTING INFRASTRUCTURE TO BE CARRIED OUT IN ACCORDANCE WITH R1/5/5/0/08.
- THE GENERAL SPECIFICATION OF WORKS SHALL BE IN ACCORDANCE WITH THE NETWORK RAIL-LMD POLLUTION PREVENTION PROJECT-TECHNICAL SPECIFICATION FOR CIVIL AND STRUCTURAL WORKS FEBRUARY 2004. DOCUMENT REFERENCE DR1710-004-0001
- THIS DRAWING TO BE READ IN CONJUNCTION WITH DRG No. TENRPP 880/012.

GENERAL SPECIFICATION

- FOR CONCRETE NOTES REFER TO DRG No. TENRPP 880/030.

STEELWORK

- ALL PLATES AND ROLLED SECTIONS TO BE BS EN 10025 S275 J2H. STRUCTURAL HOLLOW SECTIONS TO BE HOT FORMED IN BS EN 10210, S275 J2H OR S355 J2H STEEL.
- ALL CONNECTIONS TO BE DESIGNED TO BS 5950 : PART 1 : 2000.
- ALL BOLTED CONNECTIONS TO BE FORMED WITH GRADE 8.8 BOLTS. ALL BOLTS TO BE CADMIUM OR ZINC PLATED TO BS 3392
- GUSSET/END PLATE MINIMUM THICKNESS 8MM.
- MINIMUM 2 - BOLT CONNECTION FOR ALL BRACING.
- MINIMUM 4 - BOLT END CONNECTION FOR BEAMS.
- THE STEELWORKER SHALL PRODUCE ACCURATE AND CLEAR SHOP DETAILS AND ARRANGEMENT DRAWINGS FOR FABRICATION AND ERECTION PURPOSES WHICH MUST BE SUBMITTED TO THE ENGINEER FOR COMMENT BEFORE ANY WORK IS PUT IN HAND.
- THE ENGINEER'S COMMENTS ON THE SHOP DRAWINGS SHALL NOT RELIEVE THE STEELWORKER OF HIS RESPONSIBILITY FOR ACCURACY OF THE DIMENSIONS, SETTING OUT, LEVELS OR CONNECTIONS OF THE WORK IN ANY WAY.
- TEMPORARY BRACING SYSTEMS ARE TO BE FULLY DESIGNED, A INSTALLED, MAINTAINED AND REMOVED BY THE CONTRACTOR AND ARE TO BE THE FULL RESPONSIBILITY OF THE CONTRACTOR AT ALL TIMES.
- WIND LOADING TO BE IN ACCORDANCE WITH BS 6399 PART 2 : 1997.
- SURFACE TREATMENT

- BY STEELWORK CONTRACTOR
ALL STEELWORK IS TO BE GALVANISED IN EXCESS OF THE RECOMMENDATIONS SET OUT IN BS EN ISO 1461. THE GALVANISED COATING IS TO BE 140µm THICK (500µm/m²) PRIOR TO GALVANISING THE STEELWORK IS TO BE BLASTED CLEAN USING CHILLED IRON ANGIULAR DRY GRADE G24.
- BY STEELWORK CONTRACTOR/MAIN CONTRACTOR
ALL DAMAGED AREAS OF COATINGS TO BE CLEANED AND TOUCH-UP PAINTED AFTER ERECTION.
- NO IDENTIFICATION MARKS ARE TO BE WELDED, PRINTED OR STAMPED TO VISIBLE STEELWORK.
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT EDITION OF THE NATIONAL STRUCTURAL STEELWORK SPECIFICATION FOR BUILDING CONSTRUCTION.

A	M	DM	21.08.2006	Approved for Construction
Rev	By	Check	App	Date

APPROVED FOR CONSTRUCTION

Client

Project

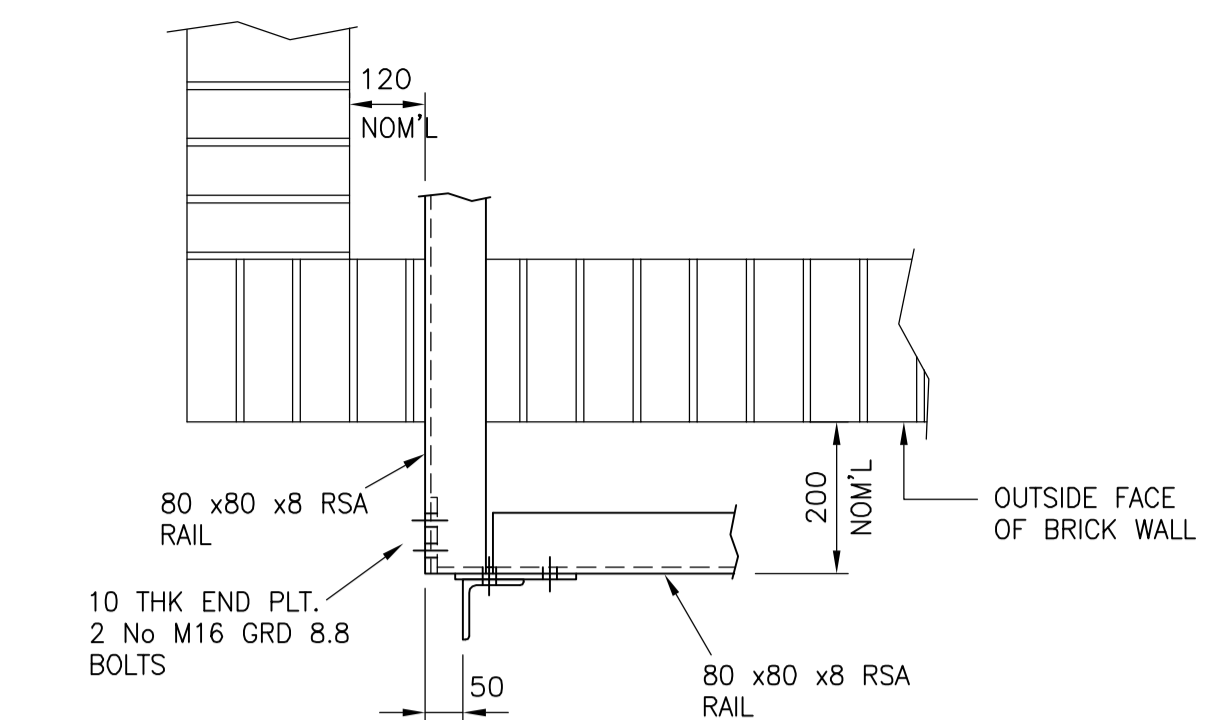
Drawing

FUEL TANK REFURBISHMENT
STEELWORK DETAILS - SHEET 3

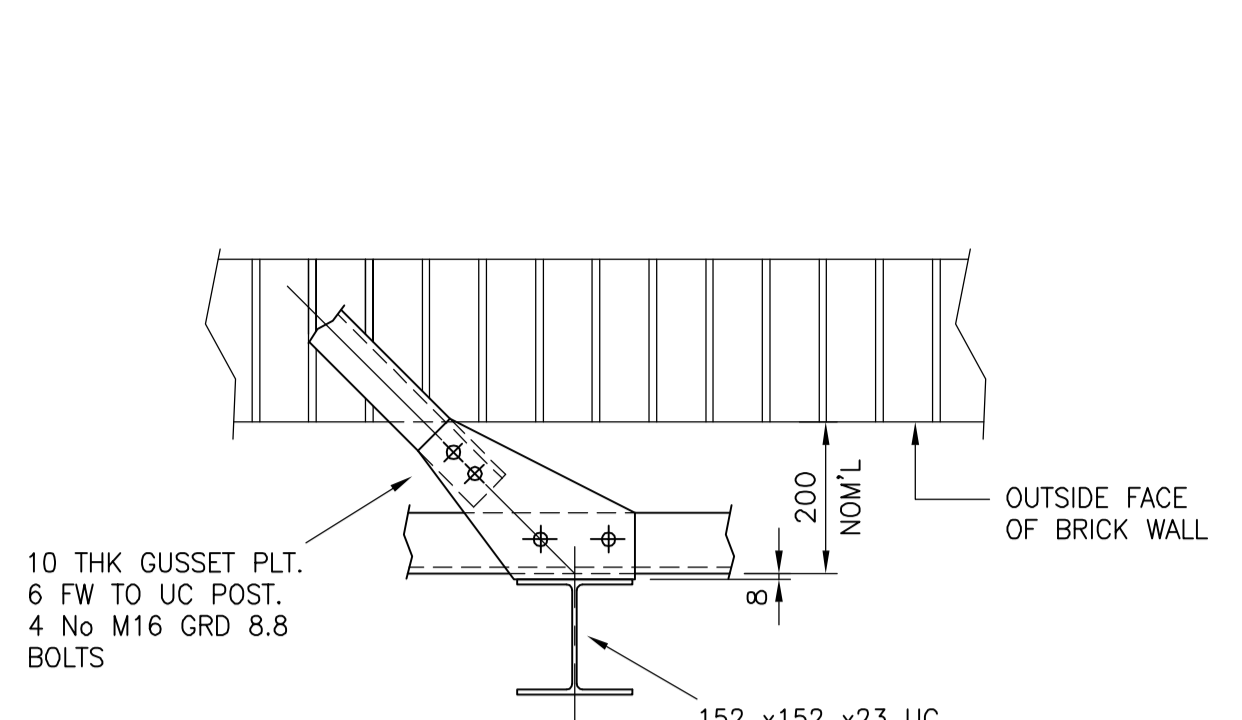
Designed by: AL Date: SEPT 2006
Checked by: ED Date: SEPT 2006
Authorised by: WAF Date: SEPT 2006

Drawing No. TENRPP 880/ 023 Revision A

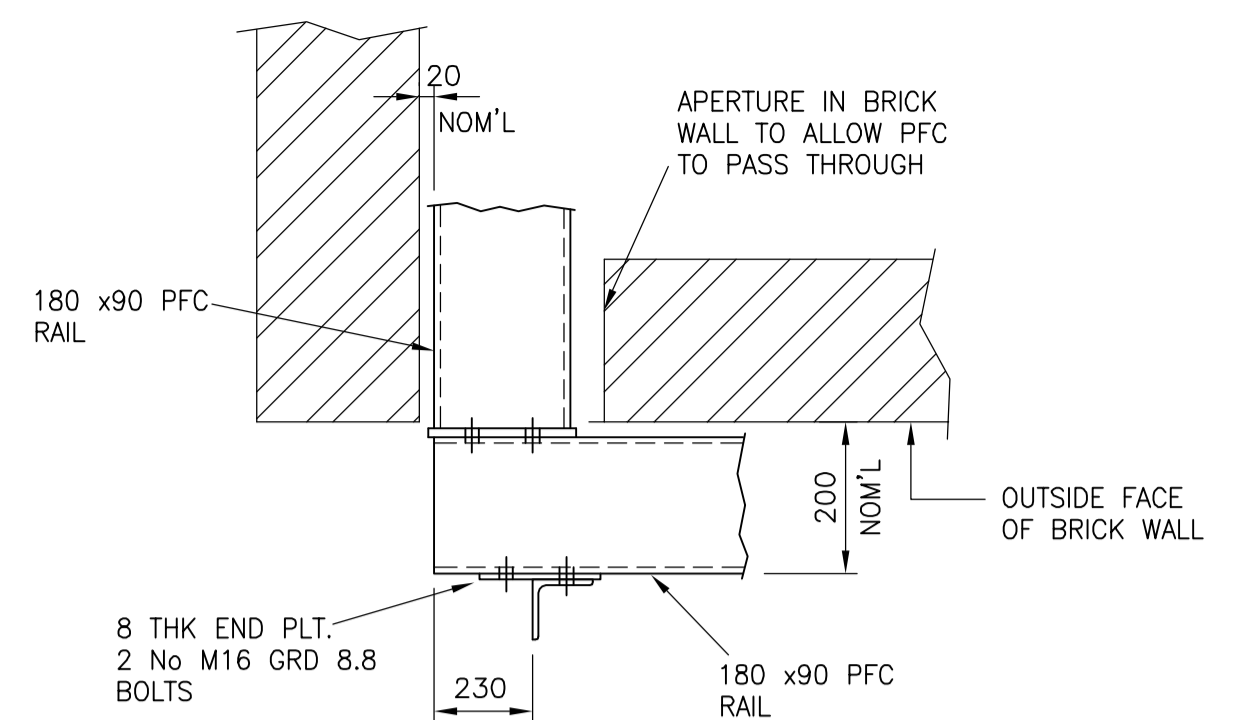
Drawing Scale: AS SHOWN Plot Scale: 1:1 A1



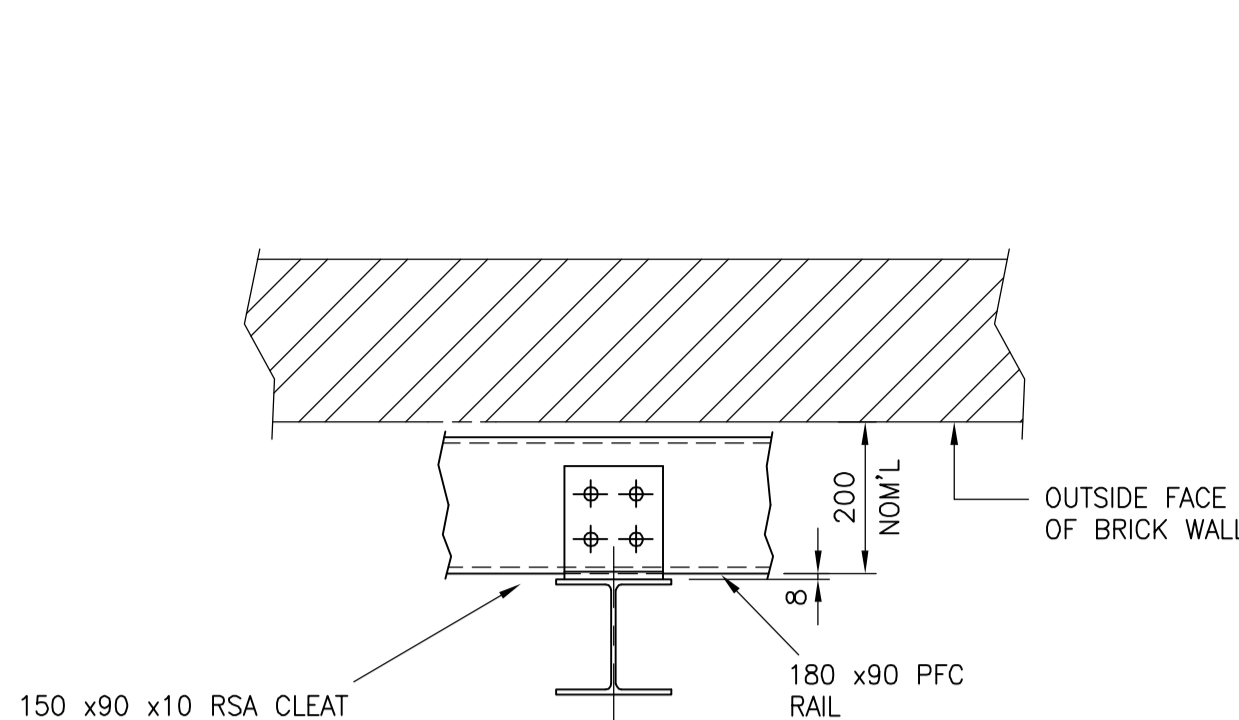
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(TENRPP 640/103)



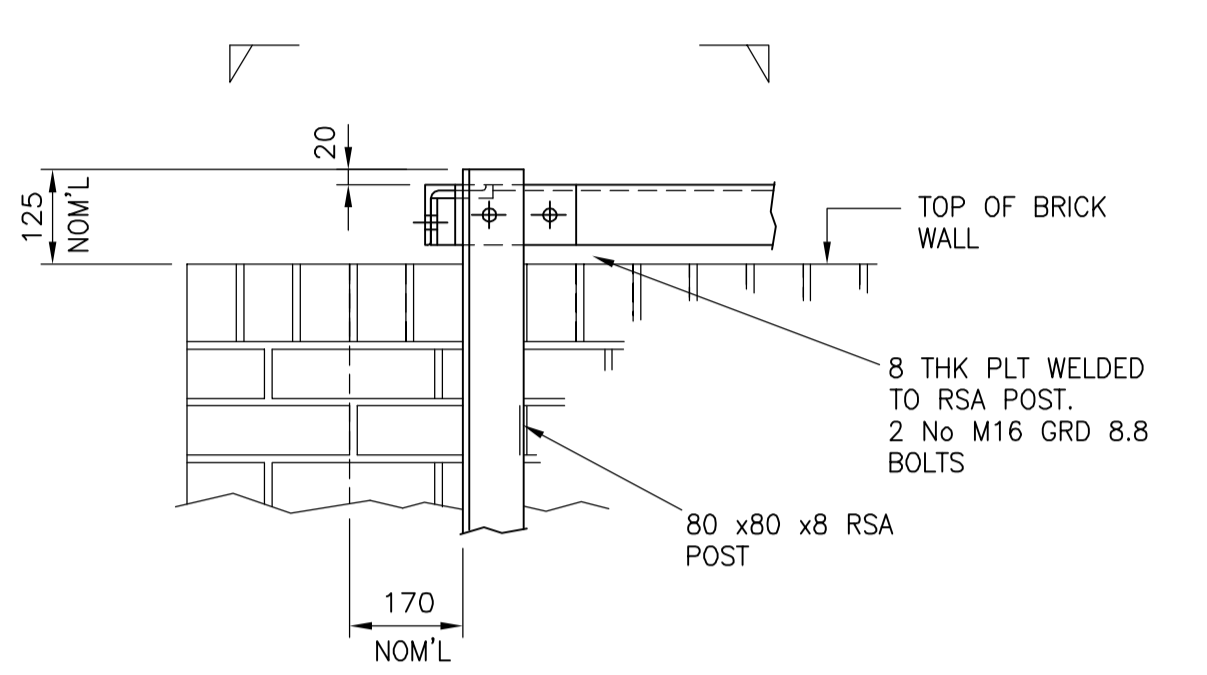
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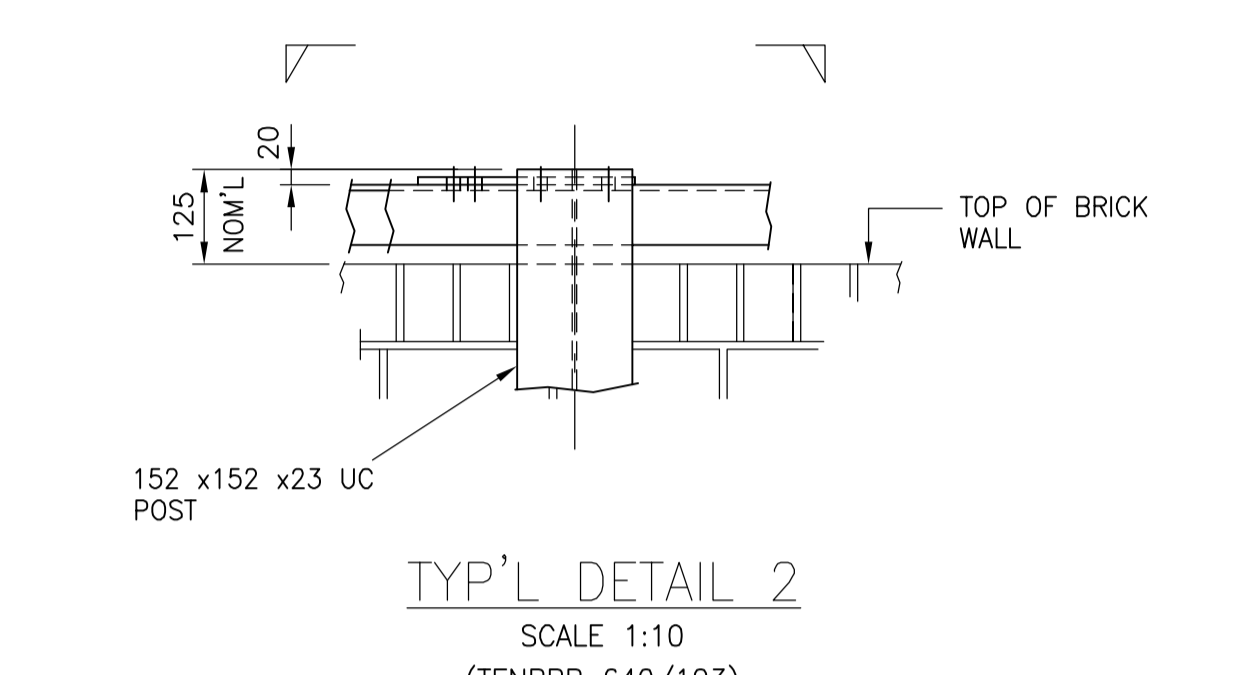
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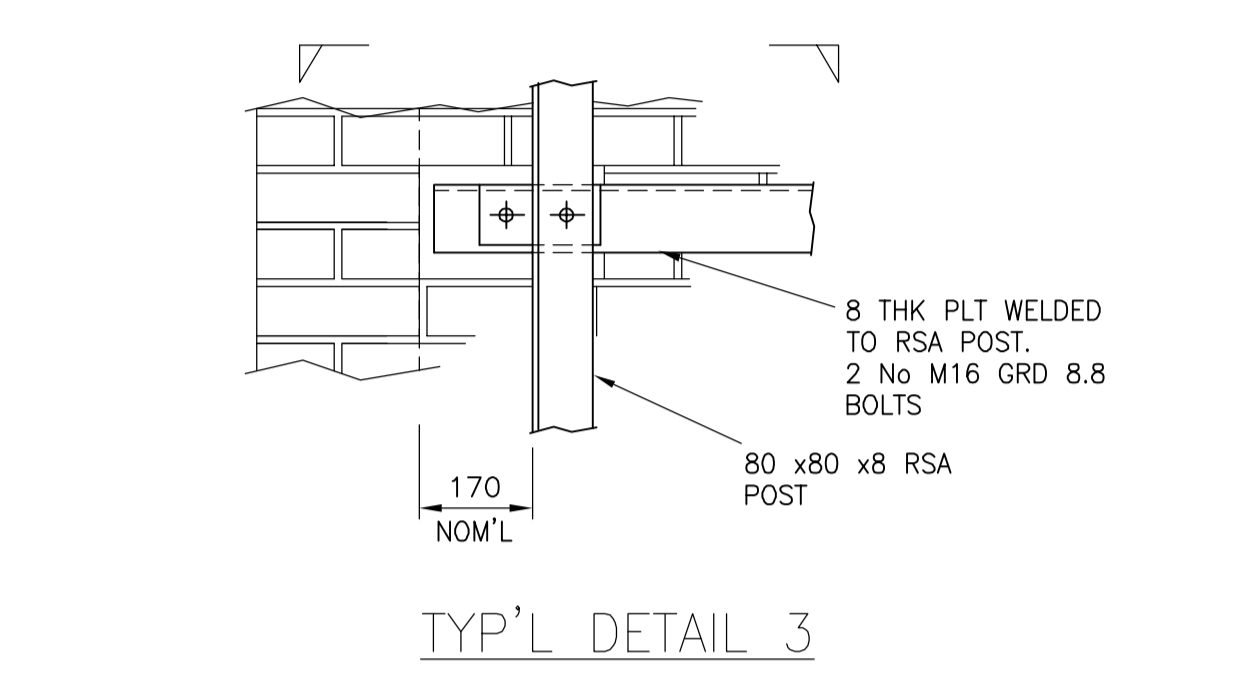
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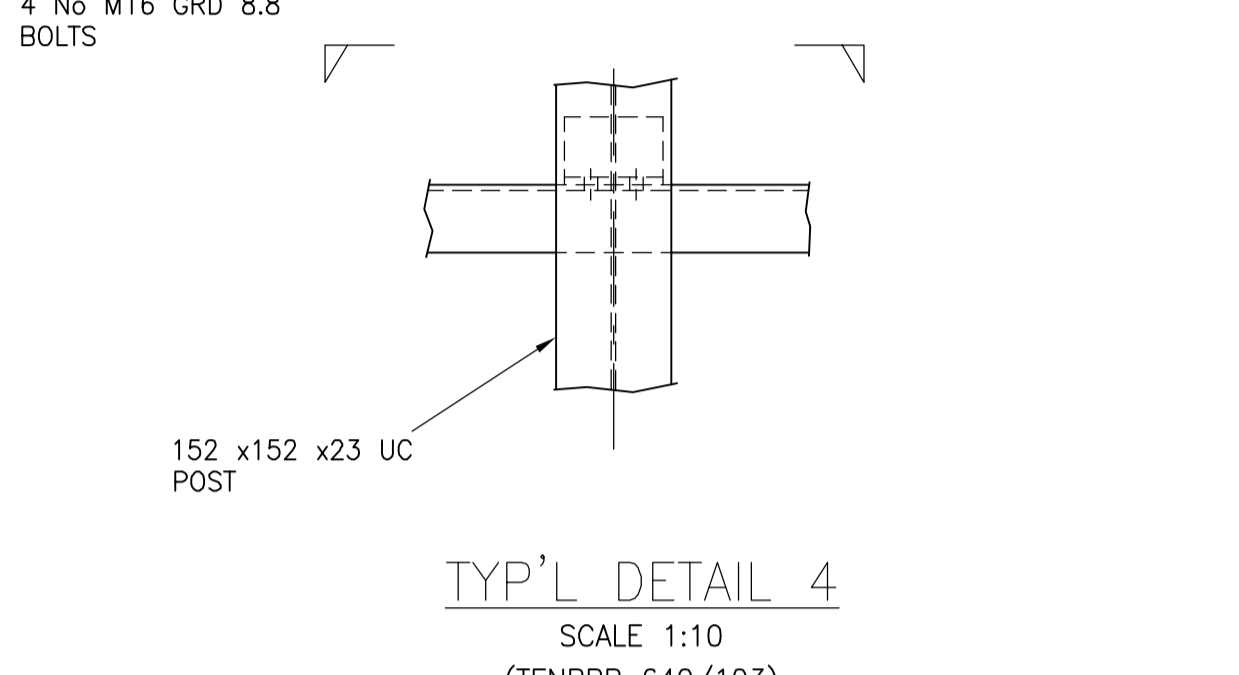
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(TENRPP 640/103)



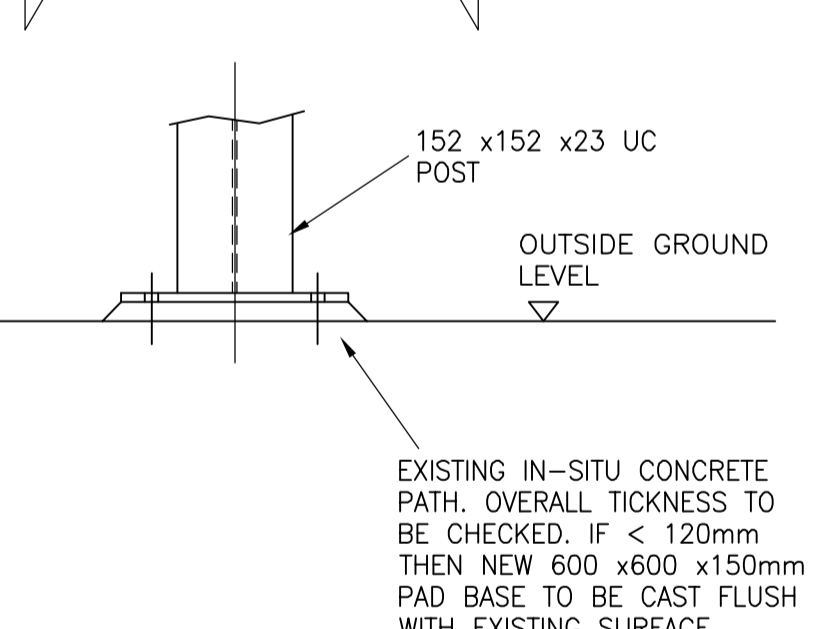
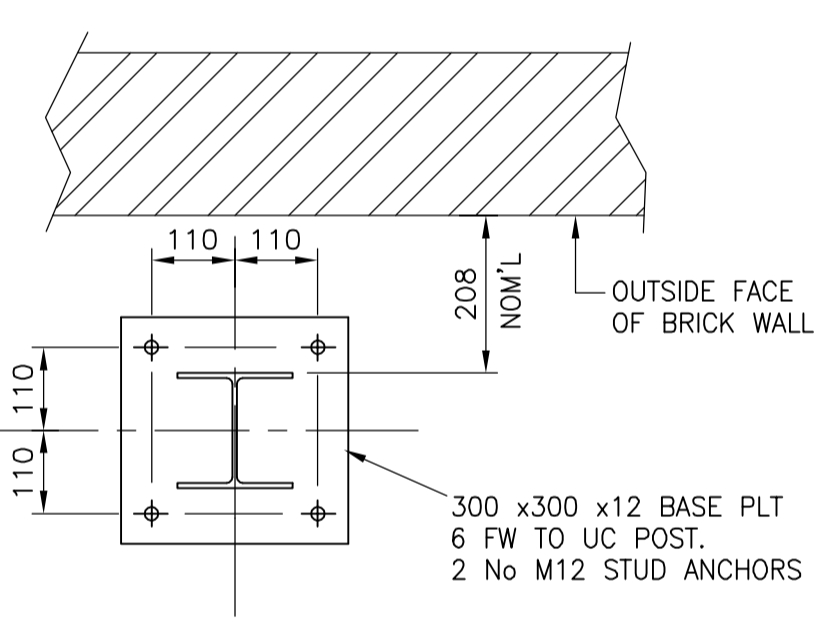
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(TENRPP 640/103)



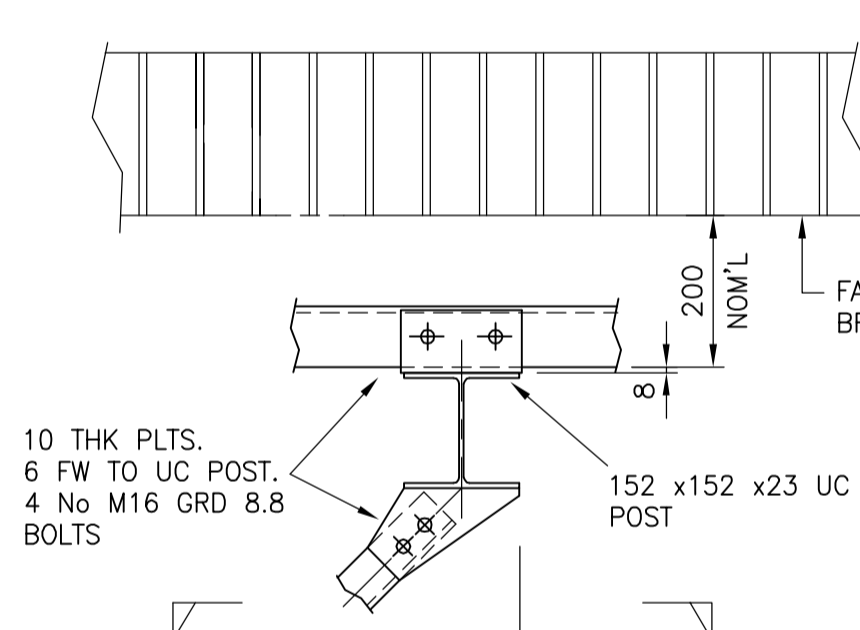
TYP'L DETAIL 7
SCALE 1:10
(TENRPP 640/103)



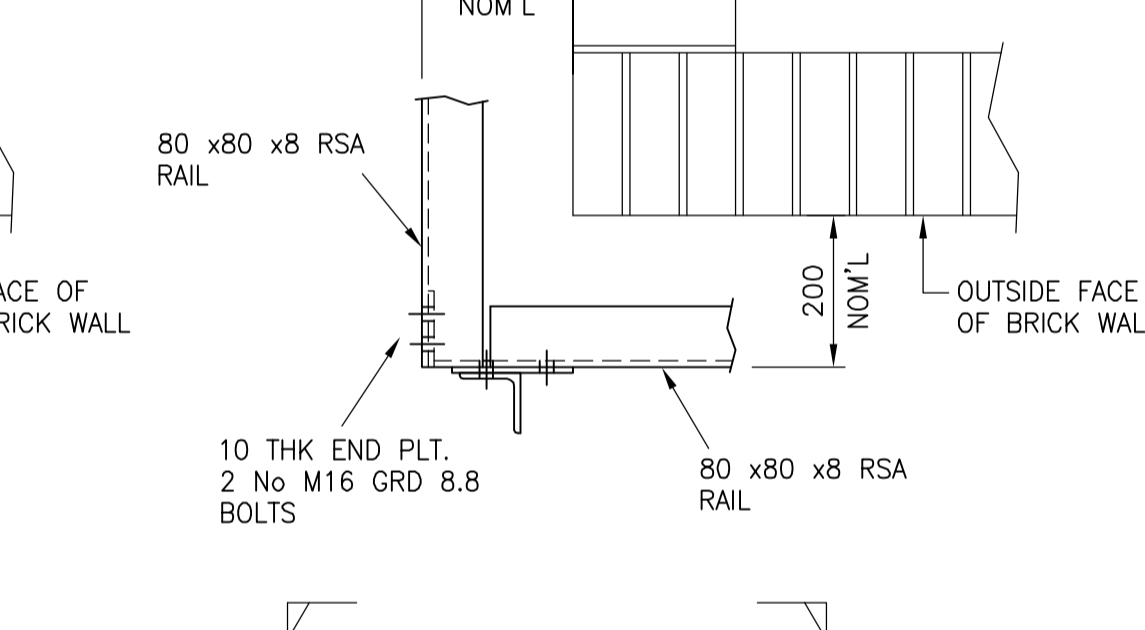
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SCALE 1:10
(TENRPP 640/103)



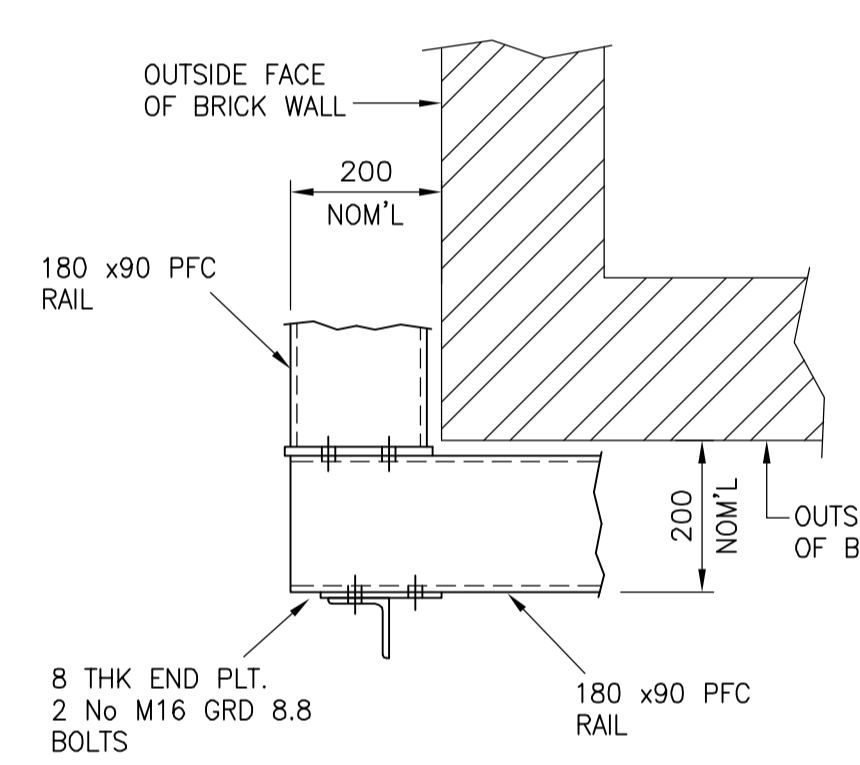
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SCALE 1:10
(TENRPP 640/103)



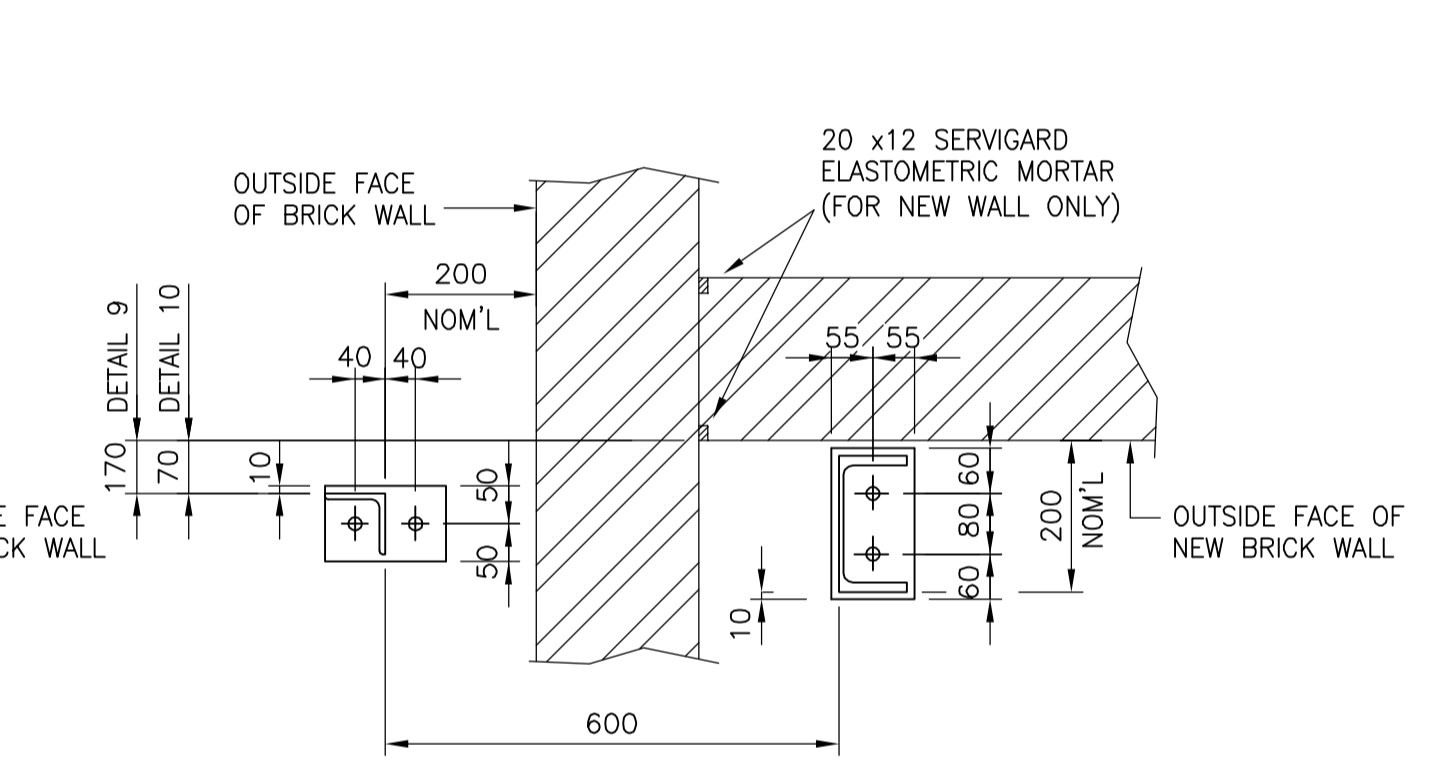
TYP'L DETAIL 11
SCALE 1:10
(TENRPP 640/103)



TYP'L DETAIL 12
SCALE 1:10
(TENRPP 640/103)

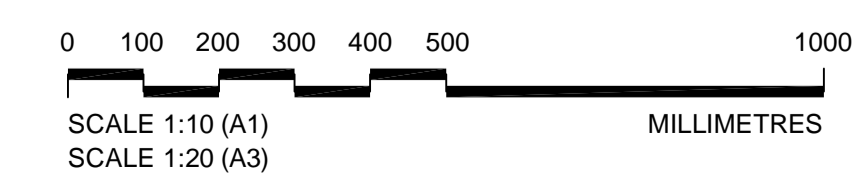


TYP'L PFC RAIL/POST CONNECTION TO BRICKWORK
SCALE 1:10



TYP'L DETAIL 9 } AS NOTED
TYP'L DETAIL 10 }
SCALE 1:10
(TENRPP 640/103)

NOTES:
ALL DIMENSIONS SHOWN TO BE VERIFIED ON SITE.



NOTE
THIS DRAWING AND SUPPORTING REFERENCE DRAWINGS ARE ISSUED IN SUPPORT OF THE FORM B SUBMISSION FOR THIS PROJECT, INITIALLY ISSUED IN JANUARY 2006.

- GENERAL NOTES
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH NETWORK RAIL MODEL CLAUSES FOR SPECIFYING CIVIL ENGINEERING WORKS RT/CE/C/008.
 - ALL CONTROLLED DISMANTLING OF EXISTING INFRASTRUCTURE TO BE CARRIED OUT IN ACCORDANCE WITH RT/S/5008.
 - THE GENERAL SPECIFICATION OF WORKS SHALL BE IN ACCORDANCE WITH THE NETWORK RAIL-LMD POLLUTION PREVENTION PROJECT-TECHNICAL SPECIFICATION FOR CIVIL AND STRUCTURAL WORKS FEBRUARY 2004, DOCUMENT REFERENCE DB17120-544-R001.
 - THIS DRAWING TO BE READ IN CONJUNCTION WITH DRG No. TENRPP 640/103.

GENERAL SPECIFICATION

- FOR CONCRETE NOTES REFER TO DRG NO. TENRPP 260/030.

- STEELWORK
- ALL PLATES AND ROLLED SECTIONS TO BE BS EN 10025 S275 J2H. STRUCTURAL HOLLOW SECTIONS TO BE HOT FORMED IN BS EN 10210, S275 J2H OR S355 J2H STEEL.
 - ALL CONNECTIONS TO BE DESIGNED TO BS 5950 : PART 1 : 2000.
 - ALL BOLTED CONNECTIONS TO BE FORMED WITH GRADE 8.8 BOLTS. ALL BOLTS TO BE CADMIUM OR ZINC PLATED TO BS.3382.
 - GUSSET/END PLATE MINIMUM THICKNESS 8MM.
 - MINIMUM 2 - BOLT CONNECTION FOR ALL BRACING.
 - MINIMUM 4 - BOLT END CONNECTION FOR BEAMS.
 - THE STEELWORKER SHALL PRODUCE ACCURATE AND CLEAR SHOP DETAILS AND ARRANGEMENT DRAWINGS FOR FABRICATION AND ERECTION PURPOSES WHICH MUST BE SUBMITTED TO THE ENGINEER FOR COMMENT BEFORE ANY WORK IS PUT IN HAND.
 - THE ENGINEER'S COMMENTS ON THE SHOP DRAWINGS SHALL NOT RELIEVE THE STEELWORKER OF HIS RESPONSIBILITY FOR ACCURACY OF THE DIMENSIONS, SETTING OUT, LEVELS OR CONNECTIONS OF THE WORK IN ANY WAY.
 - TEMPORARY BRACING SYSTEMS ARE TO BE FULLY DESIGNED & INSTALLED, MAINTAINED AND REMOVED BY THE CONTRACTOR AND ARE TO BE THE FULL RESPONSIBILITY OF THE CONTRACTOR AT ALL TIMES.
 - WIND LOADING TO BE IN ACCORDANCE WITH BS 6399 PART 2 : 1997.
12. SURFACE TREATMENT
- BY STEELWORK CONTRACTOR
ALL STEELWORK IS TO BE GALVANISED IN EXCESS OF THE RECOMMENDATIONS SET OUT IN BS.EN.ISO.1461. THE GALVANISED COATING IS TO BE 140um THICK(1000gm/m²). PRIOR TO GALVANISING THE STEELWORK IS TO BE BLASTED CLEAN USING CHILLED IRON ANGULAR GRIT GRADE G24.
 - BY STEELWORK CONTRACTOR/MAIN CONTRACTOR
ALL DAMAGED AREAS OF COATINGS TO BE CLEANED AND TOUCH-UP PAINTED AFTER ERECTION.
- NO IDENTIFICATION MARKS ARE TO BE WELDED, PRINTED OR STAMPED TO VISIBLE STEELWORK.
 - ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT EDITION OF THE NATIONAL STRUCTURAL STEELWORK SPECIFICATION FOR BUILDING CONSTRUCTION.

Rev.	By	Check	App.	Date	Description

Status

FORM A

Client

Project

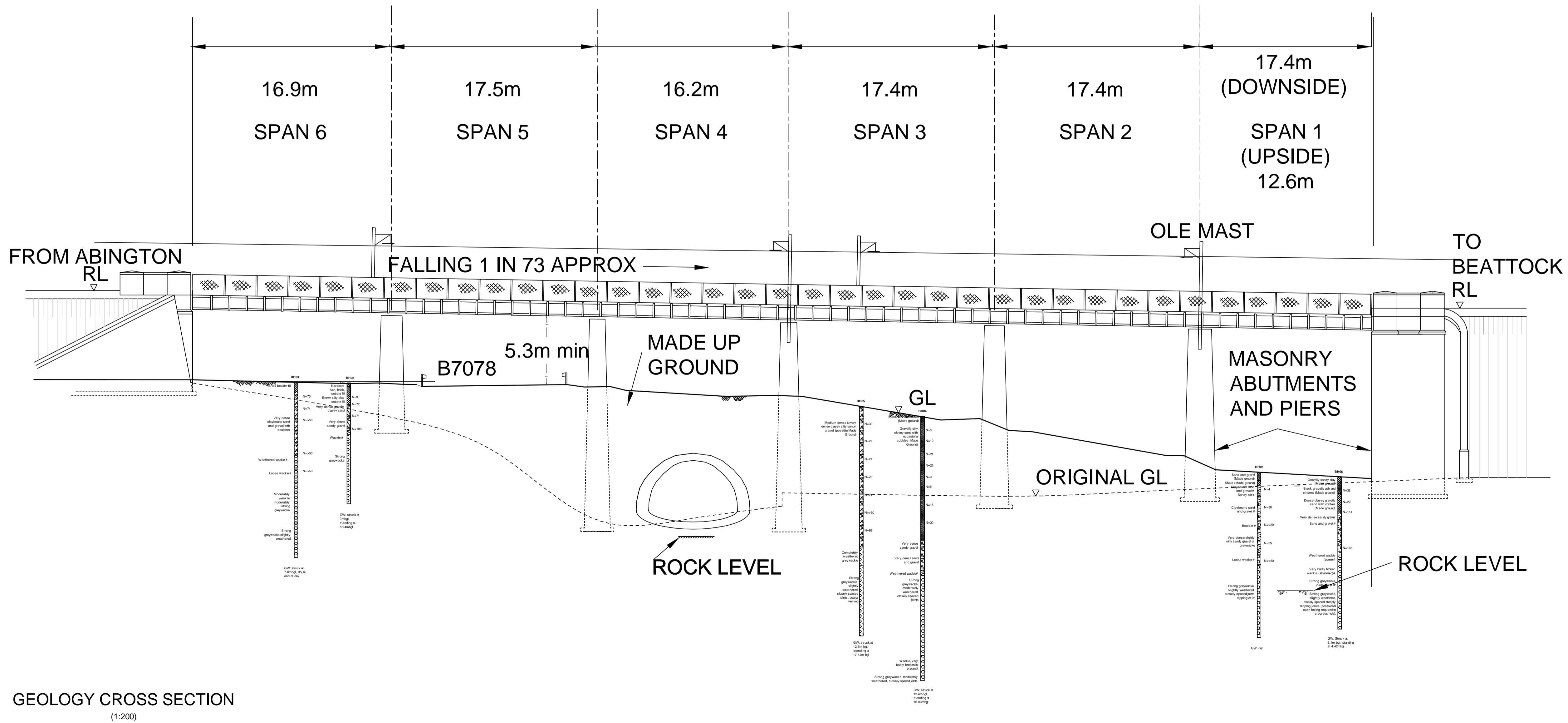
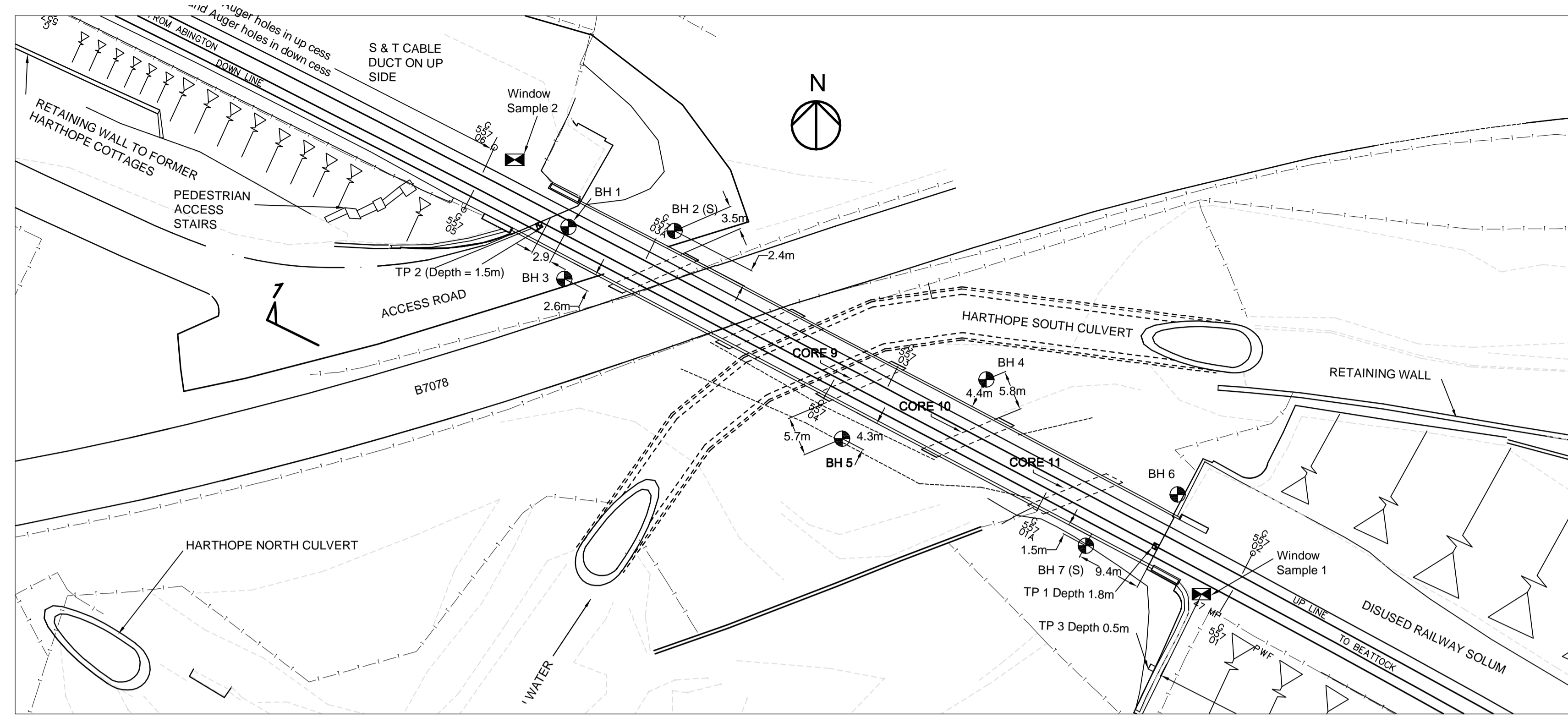
Drawing

TEMPORARY WORKS TO DIESEL FUEL OIL STORAGE TANK BUND SHEET 2

Designed by	AL	Date:	JUL 2006
Checked by	ED	Date:	JUL 2006
Authorised by	WMF	Date:	JUL 2006

Drawing No.	TENRPP 640/ 104	Revision	A
Drawing Scale:	AS SHOWN	CAD Filename:	Plot Scale: 1:1 A1

PLAN
(1:500)



GEOLOGY CROSS SECTION
(1:200)

THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED AND ONLY WRITTEN DIMENSIONS SHALL BE USED

NOTES:

Revision Details	By	Chkd	Appd	Date	Suffix

Drawing Status
FOR INFORMATION ONLY

Client
[Redacted]

Drawing Title
GEOLOGY CROSS SECTION

Project Manager:
Email:
Telephone:
Project No: **B116909**
ELR/ Mileage: **47 MILES 66 YARDS**
Scale: **AS SHOWN**
Drw: **AL** Chk: **CM** App: **RJD**
Date: **20.12.04** Date: **24.04.04** Date: **24.12.04**

Drawing Number
B116909-SC-CV-xx

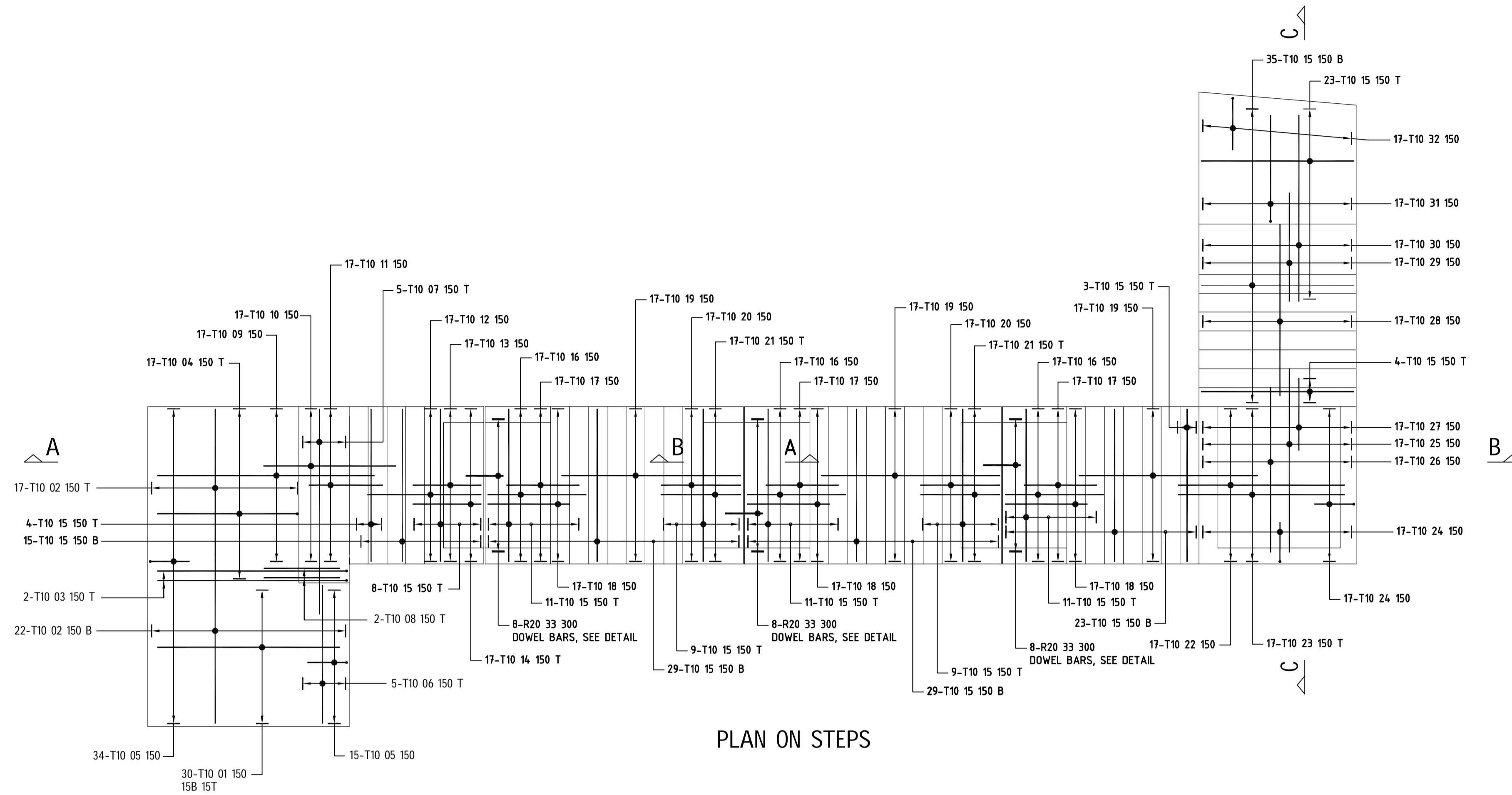
50mm

50mm

THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED AND ONLY WRITTEN DIMENSIONS SHALL BE USED

NOTES:

1. All dimensions to be in millimetres.
2. For layout refer to drawing no. B119501-SC-CV-0123.
3. All reinforcement to be high yield, unless noted otherwise.
4. Nominal cover for reinforcement to be 35mm.
5. Reinforcement is listed on bar bending schedule nos.0125 / 01 to 03.
6. All concrete to be Grade 25/30 to the requirements of BS EN 206, with 5% air entrainment.
7. All formations to have minimum of 50mm blinding concrete.



PLAN ON STEPS

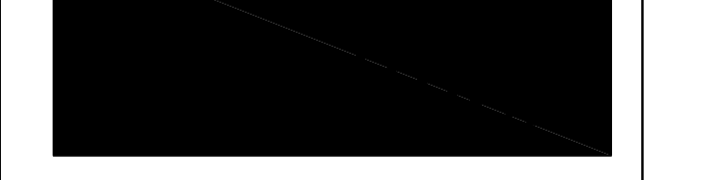
Note:
This drawing to be read in conjunction with drg no. B119501-SC-CV-0173.

Revision Details	By	Chkd	Appd	Date	Suffix
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Drawing Status

Approved for Construction

Client



Drawing Title



Concrete Steps RC Details

Project Manager:

Email:

Telephone:

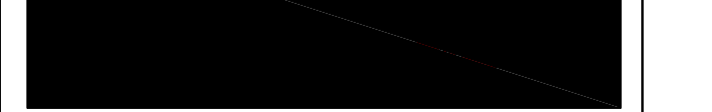
Project No: B119501

ELR/ Mileage: MLA

Scale: 1:50

Drw: AL	Chk: FS	App: SK
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Date: Feb 05	Date: Feb 05	Date: Feb 05
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Drawing Number B119501-SC-CV-0172 Rev

50mm

50mm

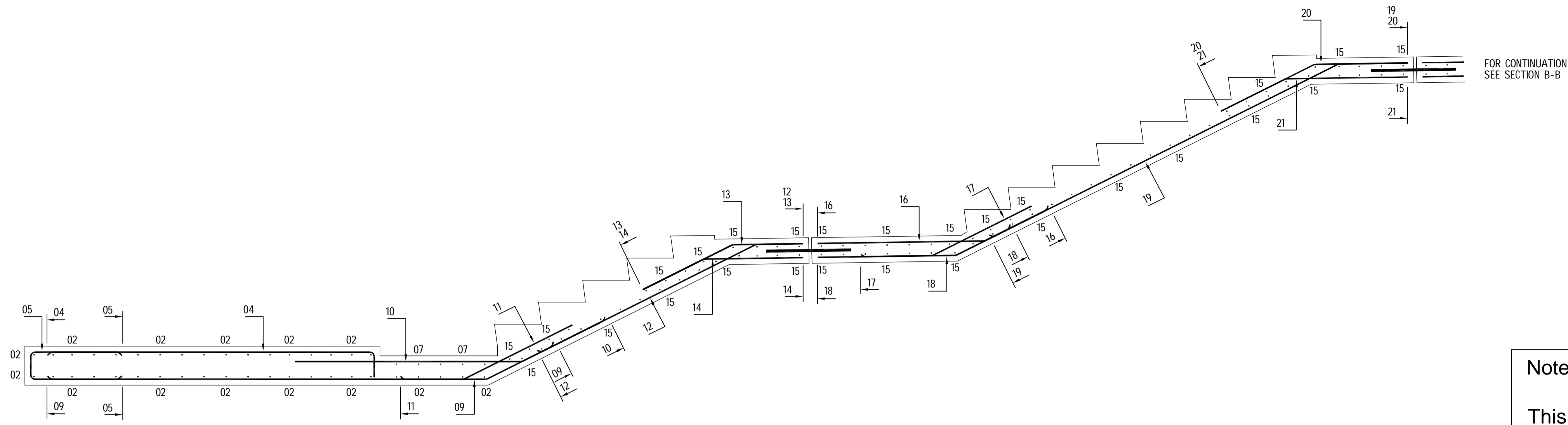
50mm

50mm

50mm

50mm

50mm 50mm

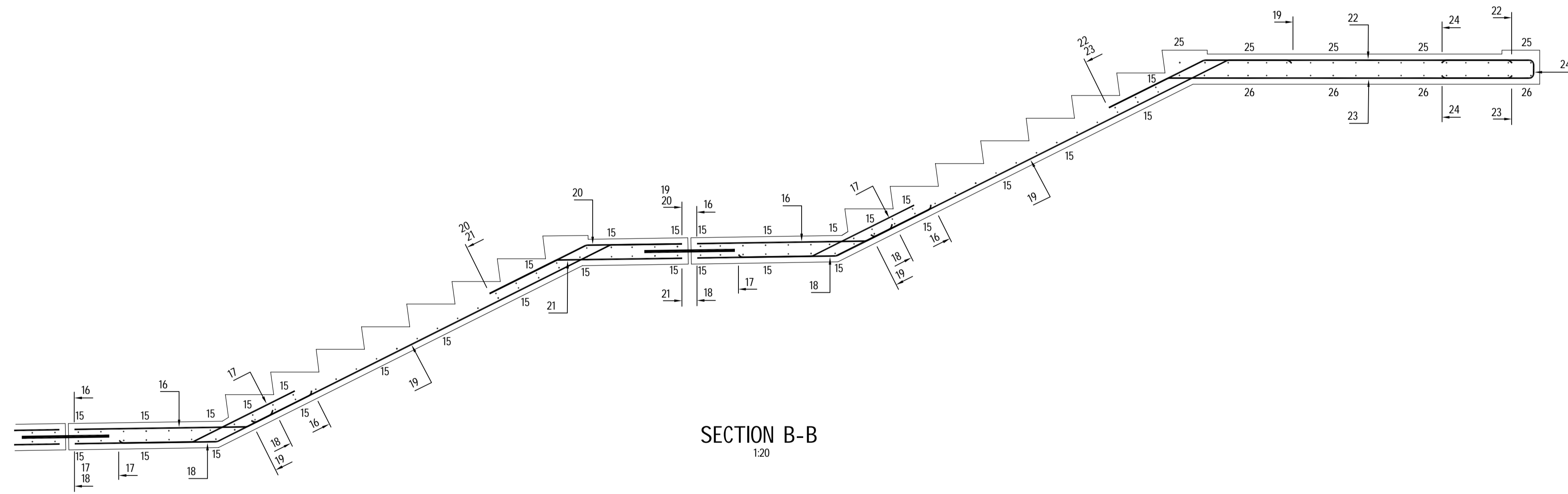


SECTION A-A
1:20

Note:
This drawing to be read in conjunction with drg no. B119501-SC-CV-0172.

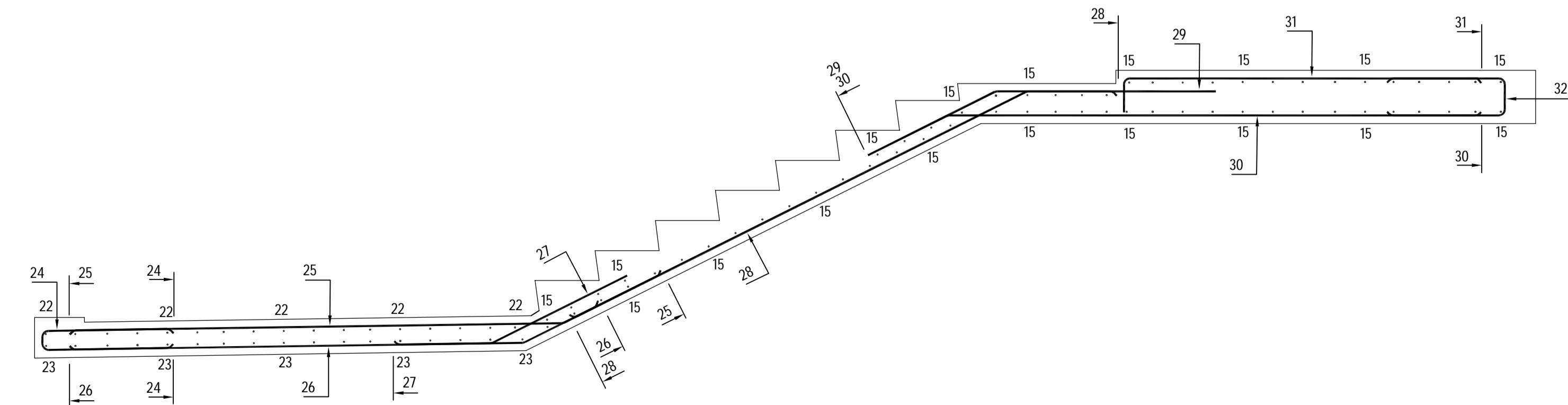
THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED AND ONLY WRITTEN DIMENSIONS SHALL BE USED

- NOTES:
1. All dimensions to be in millimetres.
 2. For layout refer to drawing no. B119501-SC-CV-0123.
 3. All reinforcement to be high yield, unless noted otherwise.
 4. Nominal cover for reinforcement to be 35mm.
 5. Reinforcement is listed on bar bending schedule nos.0125 / 01 to 03.
 6. All concrete to be Grade 25/30 to the requirements of BS EN 206, with 5% air entrainment.
 7. All formations to have minimum of 50mm blinding concrete.

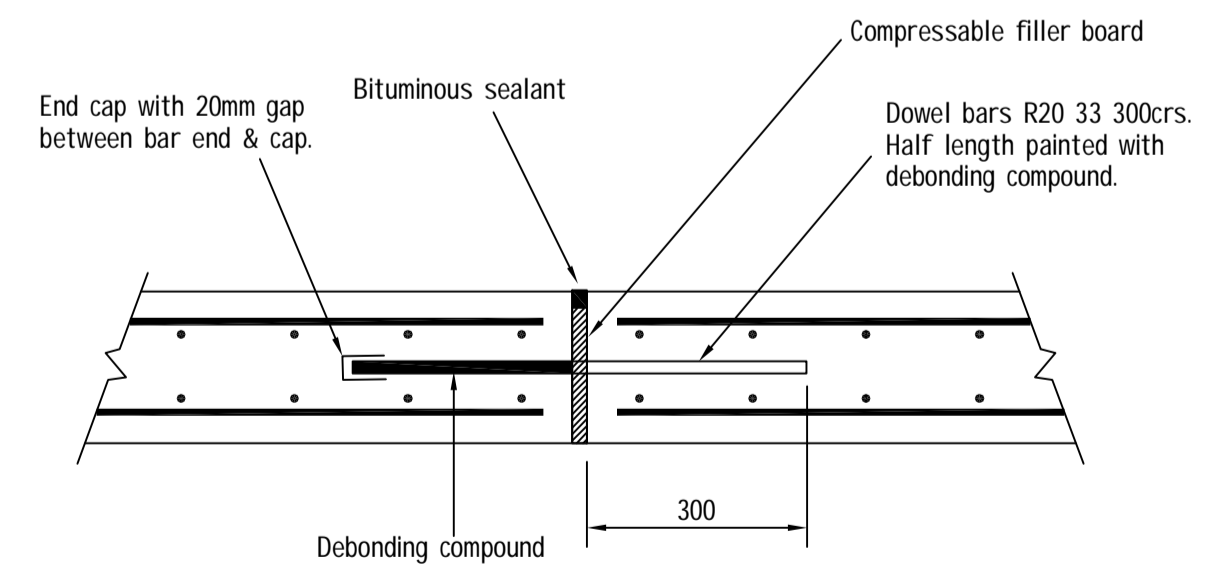


SECTION B-B
1:20

FOR CONTINUATION
SEE SECTION A-A



SECTION C-C
1:20



JOINT DETAIL
1:30

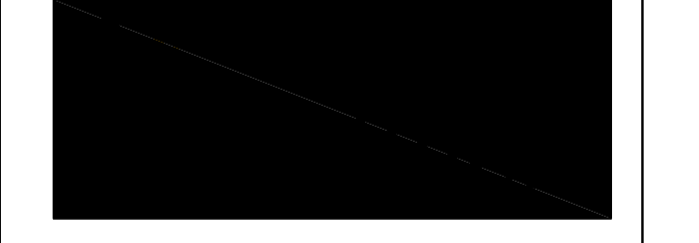
Revision Details	By	Chkd	Appd	Date	Suffix
Drawing Status					
Approved for Construction					
Client					
Drawing Title					
Concrete Steps RC Details					
Project Manager: [REDACTED]					
Email: [REDACTED]					
Telephone: [REDACTED]					
Project No: B119501					
ELR/ Mileage: MLA					
Scale: As noted					
Drw: AL	Chk: FS	App: SK			
Date: Feb 05	Date: Feb 05	Date: Feb 05			
Drawing Number					
B119501-SC-CV-0173					
Rev					

Revision Details By Chkd Appd Date Suffix

Drawing Status

Approved for Construction

Client



Drawing Title

**Concrete Steps
RC Details**

Project Manager: [REDACTED]

Email: [REDACTED]

Telephone: [REDACTED]

Project No: **B119501**

ELR/ Mileage: **MLA**

Scale: **As noted**

Drw: **AL** Chk: **FS** App: **SK**

Date: **Feb 05** Date: **Feb 05** Date: **Feb 05**

Drawing Number

B119501-SC-CV-0173

Rev

50mm 50mm