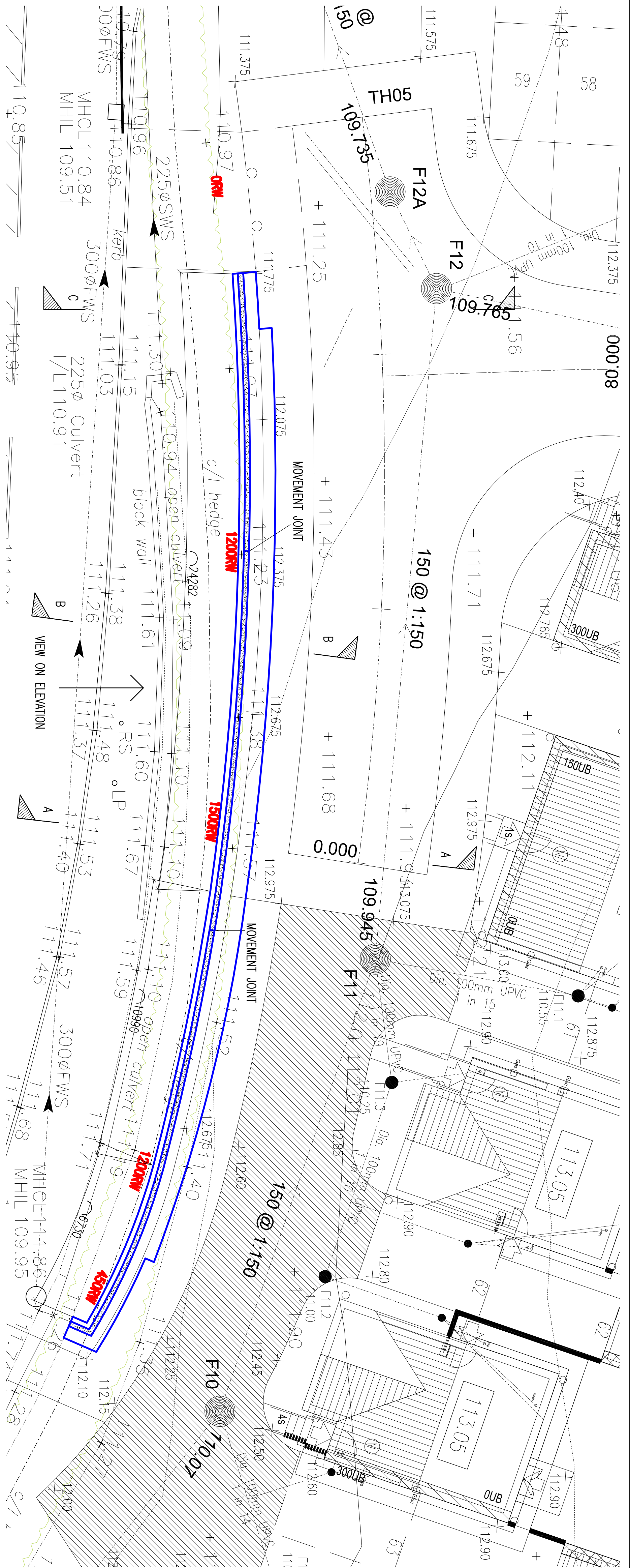




RETAINING WALL PLAN LAYOUT
(SCALE 1:100)

BAR MARK	TYPE & SIZE	No. OF MEMBERS	No. OF BARS	TOTAL No.	LENGTH OF BAR (mm)	SHAPE CODE	A (mm)	B (mm)	C (mm)
01	H8	1	500	500	975	21	400	200	400
02	H12	1	1000	1000	1300	11	400	900	
03	H10	1	500	500	1100	21	500	125	500
04	H10	1	180	180	6000	00			
05	H10	1	30	30	900	21	400	125	400

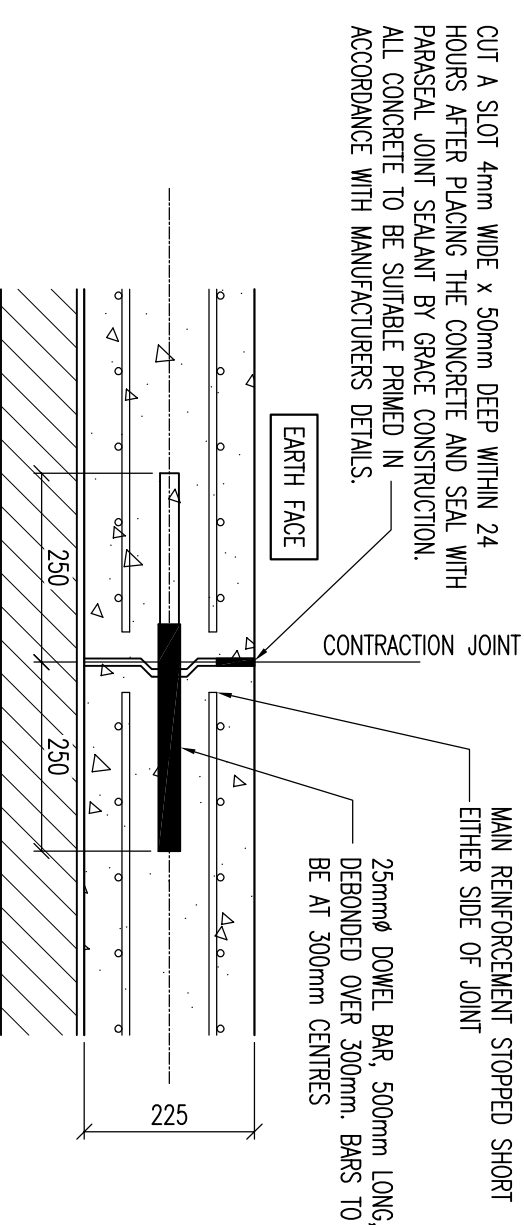
BAR SCHEDULE

NOTES

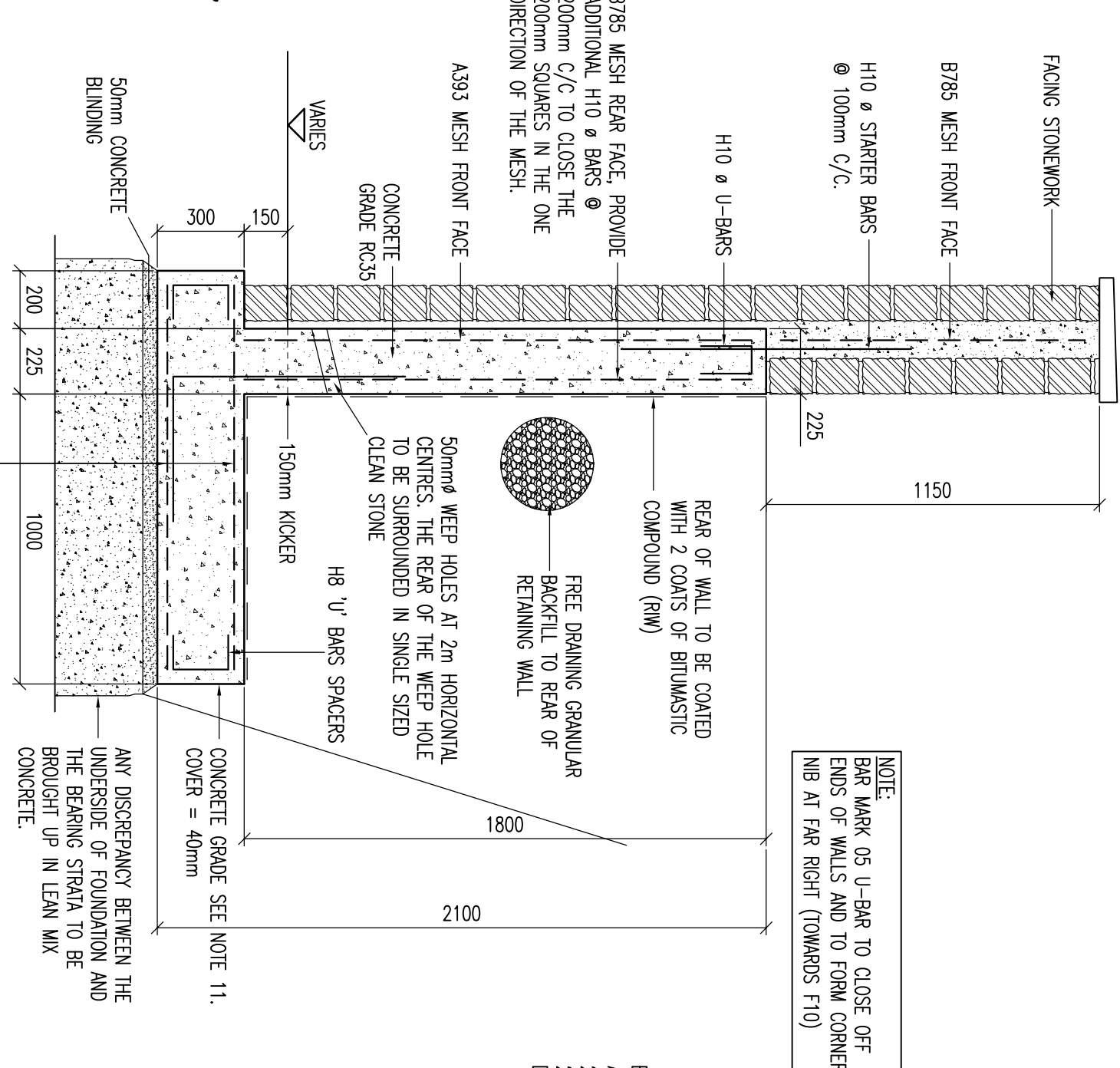
- GENERAL
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 2. ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
 3. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.
 4. DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
 5. ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
 6. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS' DRAWINGS.
 7. THIS DRAWING IS COPYRIGHT © intrado CONSULTING ENGINEERS.

REINFORCED CONCRETE

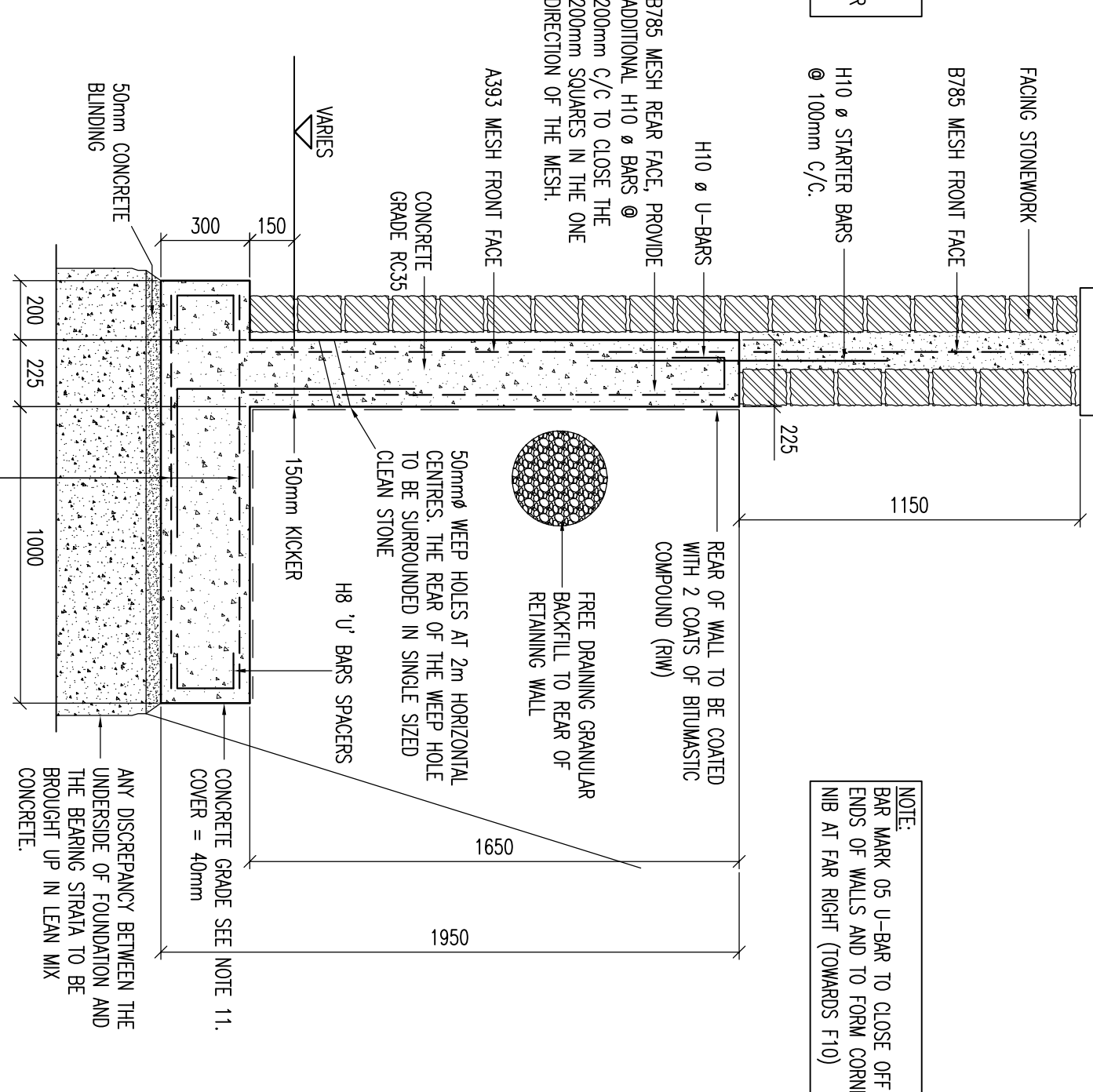
1. THE BASE SPECIFICATION FOR REINFORCED CONCRETE WORKS SHALL BE BS 8110.
2. ALL REINFORCEMENT IS SCHEDULED IN ACCORDANCE WITH BS 8666 UNLESS NOTED OTHERWISE.
3. ALL REINFORCEMENT IS SCHEDULED IN ACCORDANCE WITH BS 8666 UNLESS NOTED OTHERWISE.
4. ALL REINFORCEMENT IS SCHEDULED IN ACCORDANCE WITH BS 8666 UNLESS NOTED OTHERWISE.
5. MINIMUM COVER TO REINFORCEMENT TO BE AS FOLLOWS UNLESS NOTED OTHERWISE:
a. MINIMUM COVER TO REINFORCEMENT TO BE NOT LESS THAN 40mm UNLESS NOTED OTHERWISE.
b. MINIMUM COVER TO REINFORCEMENT TO BE NOT LESS THAN 40mm UNLESS NOTED OTHERWISE.
6. MINIMUM COVER TO REINFORCEMENT TO BE NOT LESS THAN 40mm UNLESS NOTED OTHERWISE.
7. MINIMUM COVER TO REINFORCEMENT TO BE NOT LESS THAN 40mm UNLESS NOTED OTHERWISE.
8. LOCATION OF DAYWORK JOINTS TO BE AGREED WITH THE ENGINEER PRIOR TO COMMENCEMENT OF THE WORKS ON SITE.
9. ALL CONCRETE MIX CERTIFICATES AND THE CURE TESTING PROGRAMME SHALL BE TO FOUNDATION DESIGN BASED ON AN ALLOWABLE GROUND BEARING PRESSURE OF 150kN/m² REFER TO ESP REPORT REF: 54286/2002 JUNE 2014.
10. REINFORCED CONCRETE SPECIFICATION:
a. WALK COMPRESSIVE STRENGTH 25N/mm².
b. THE DESIGN SLURRY CLASS FOR CONCRETE IS BS-2.
c. THE AGGRESSIVE CHEMICAL ENVIRONMENT OF CONCRETE IS AC-15.



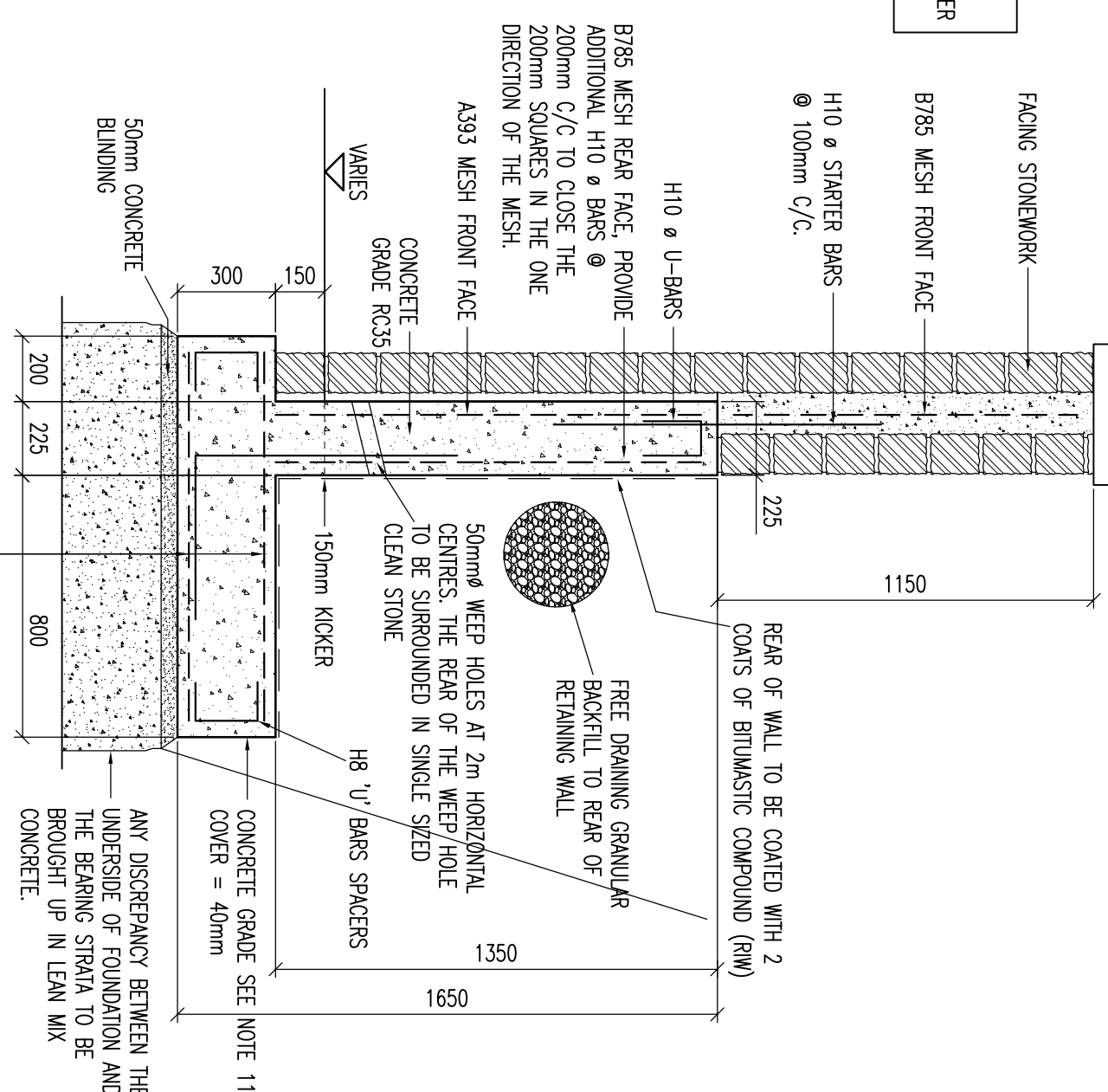
RETAINING WALL MOVEMENT JOINT DETAIL
(SCALE 1:10)



RETAINING WALL TYPE 1 – SECTION A-A
1800 STEIN, (1500 MAX RETAINED HEIGHT)
(SCALE 1:25)



RETAINING WALL TYPE 2 – SECTION B-B
1650 STEIN, (1350 MAX RETAINED HEIGHT)
(SCALE 1:25)



RETAINING WALL TYPE 3 – SECTION C-C
1350 STEIN, (1050 MAX RETAINED HEIGHT)
(SCALE 1:25)



REV	DESCRIPTION	DATE
C5	FRANKS STONEWORK ADDED TO RETAINING WALLS	19-12-2019
C4	WALL & PARAPET AMENDED TO INHABITANT'S COMMENTS	11-12-2019
C3	RETAINING WALL AMENDED	19-12-2019
C2	RETAINING WALL DESIGNATIONS REVISED	17-12-2019
C1	REINFORCEMENT SCHEDULE ADDED	16-12-2019
P1	MINOR AMENDMENTS TO DETAILS	08-12-2019

intrado
Consulting Engineers

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drawing title

RETAINING WALL

PLAN LAYOUT & SECTION DETAILS

Project

RHOS, PONTARDAWE,
NEATH PORT TALBOT

client

PERSIMMON HOMES

drawn

MR DS

scale

AS NOTED @A1

date

01-03-2019

checked

MR DS

scale

AS NOTED @A1

date

01-03-2019

approved

MR DS

scale

AS NOTED @A1

date

01-03-2019