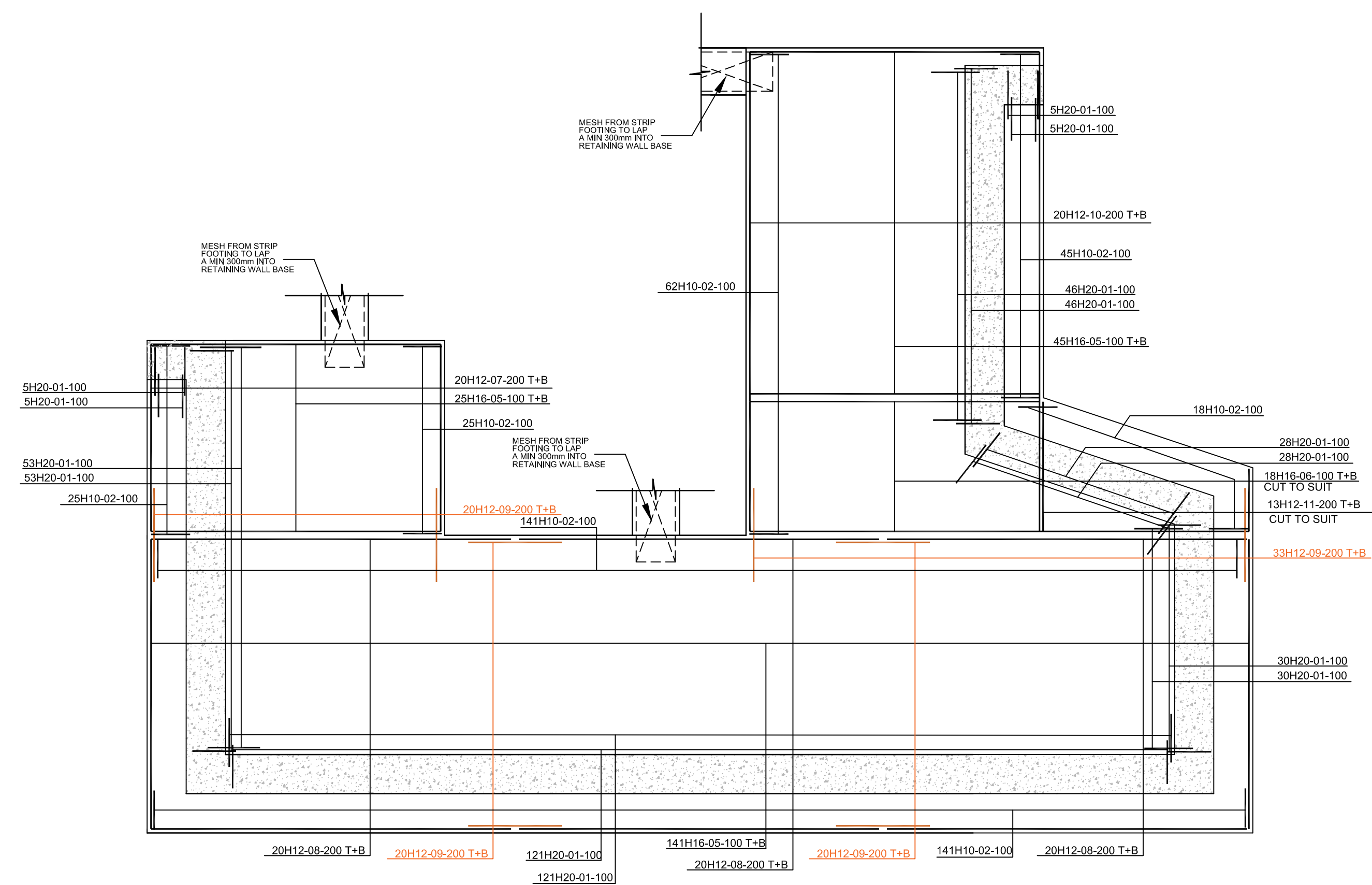
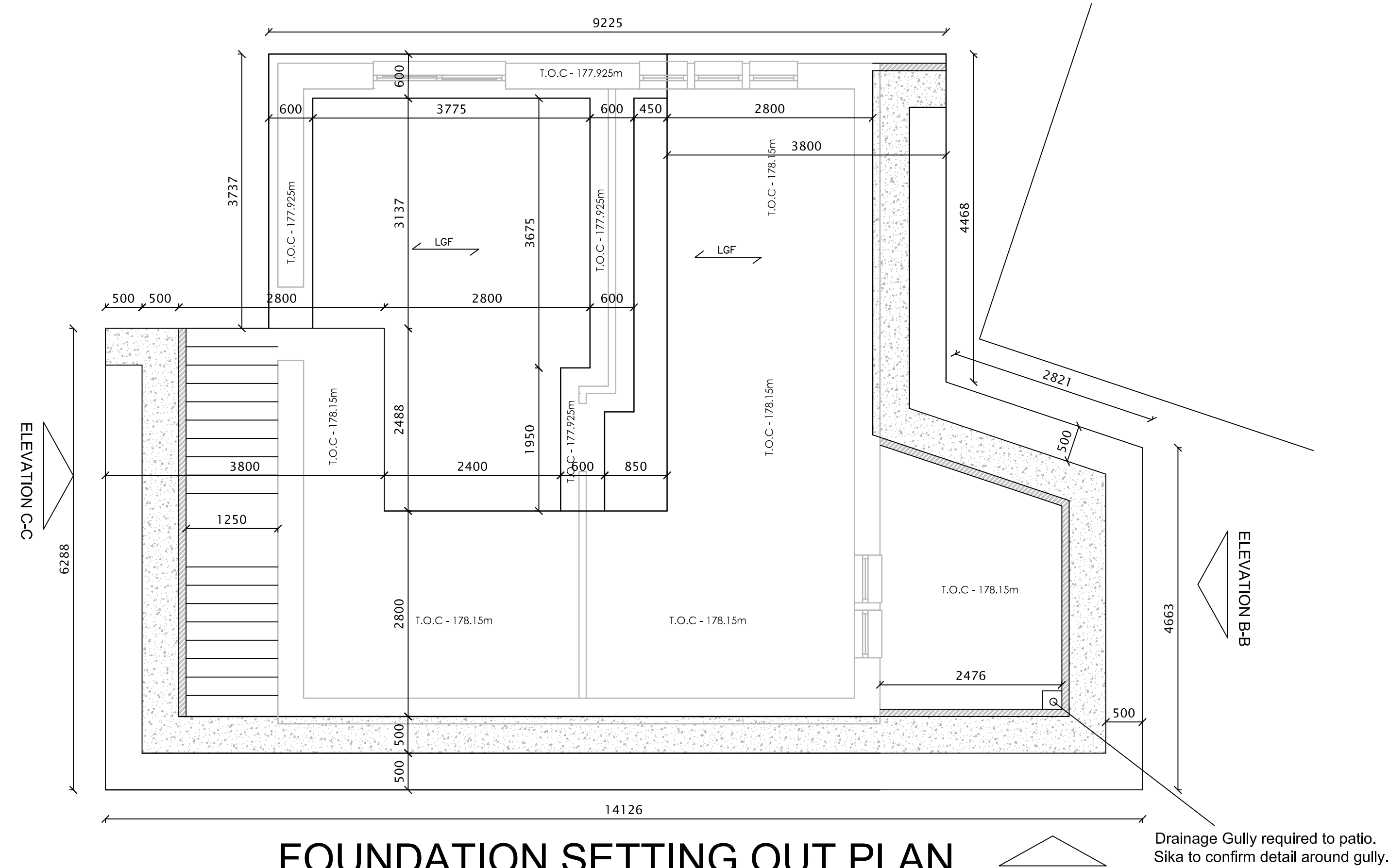




BASE REINFORCEMENT DETAILS

BENDING SCHEDULE PREPARED TO BS 8686 : 2005												
MARK	NO	TYPE	SPAN	NO	SPAN	A	B	C	D			
01	H20	11	576	2800	1850	800						
02	H10	21	743	1380	500	380	500					
03	H12	11	190	1880	1000	1000						
04	H12	15	68	1650	800	780	800					
05	H16	00	422	3700								
06	H16	00	36	6370								
07	H12	00	40	2380								
08	H12	00	120	4500								
09	H12	00	188	1250								
10	H12	00	40	6100								
11	H12	00	26	1500								
12	H16	00	86	4150								
13	H12	00	78	4050								
14	H12	00	2	3550								
15	H12	00	2	2500								
16	H12	00	2	1500								
17	H16	00	282	4280								
18	H12	00	210	4850								
19	H12	00	6	4400								
20	H12	00	4	5580								
21	H12	00	4	5550								
22	H12	00	4	4230								
23	H12	00	2	5650								
24	H12	00	68	3900								
25	H16	00	46	3230								
26	H16	00	158	3080								
27	H12	00	70	3200								
28	H12	00	65	2720								
29	H12	00	2	1400								
30	H16	00	10	3530								

NOTES
1. All concrete to be Grade RC22/40.
2. All Reinforcement to be Steel Grade S460S Steel to BS 4449:2005 and BS 4442:2005.
3. Normal Cover = 40mm H500 + 2, where L = 100mm.
4. Laps to be 40 x Bar diam min.
5. Sika mesh used Max 1 to be used throughout.

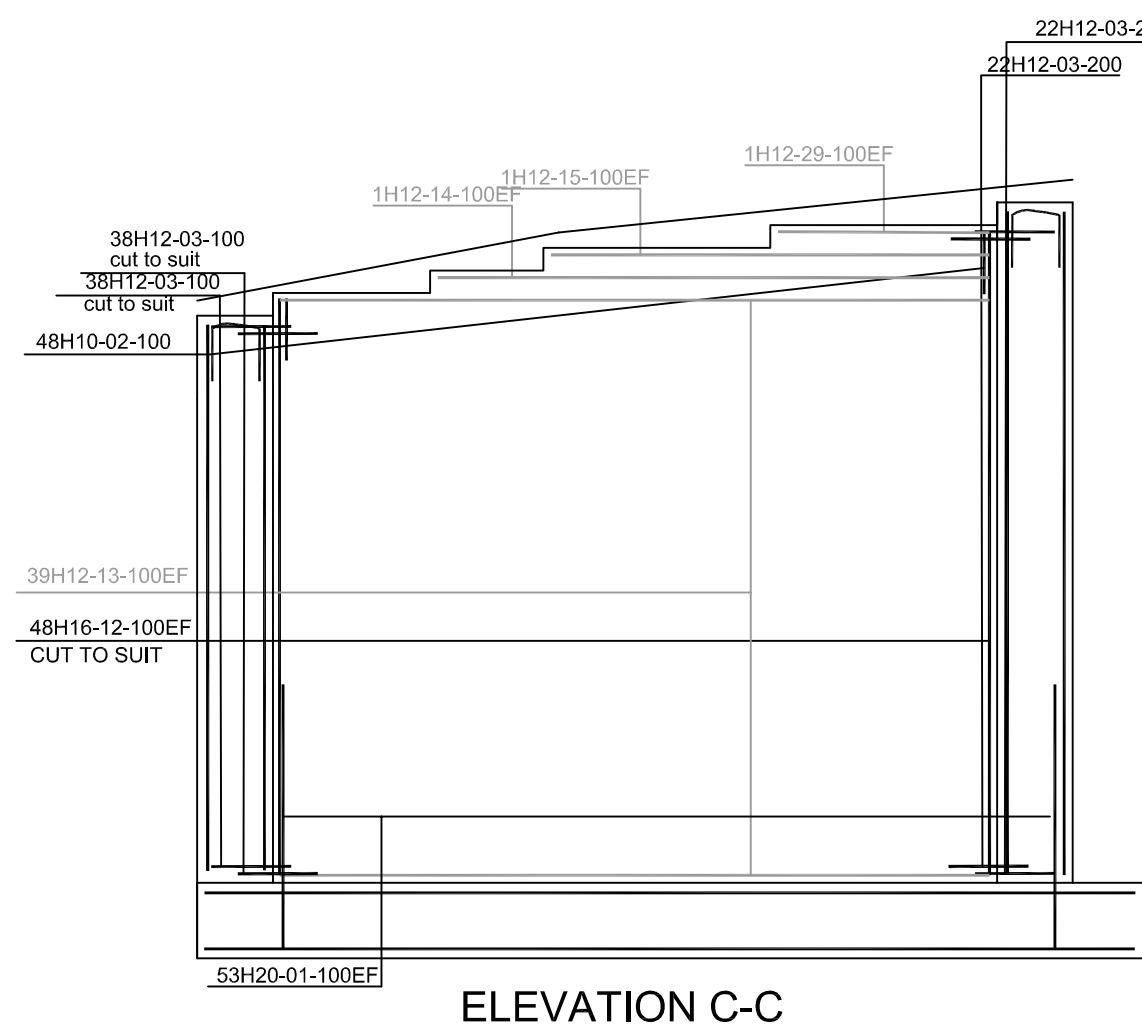


FOUNDATION SETTING OUT PLAN
(1:50)

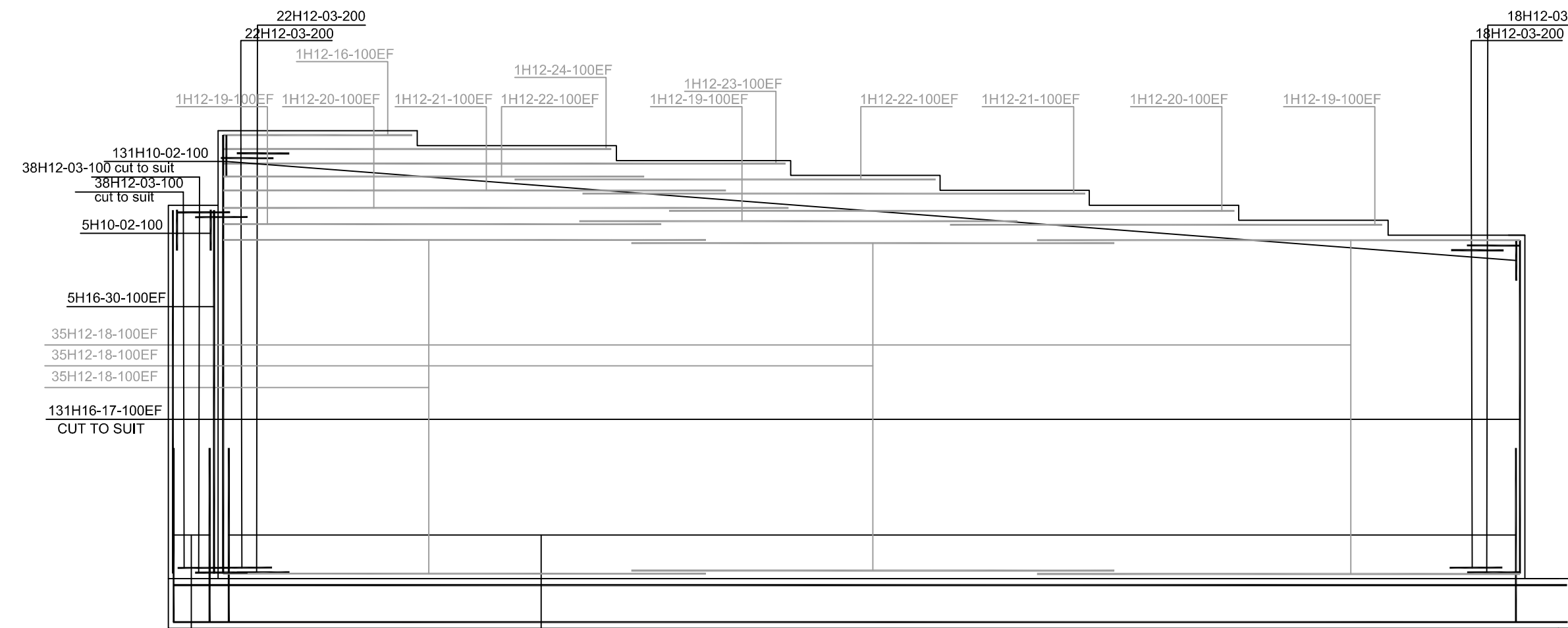
ALL DIMENSIONS TO BE
CHECKED PRIOR TO
CONSTRUCTION.

ALL FOUNDATIONS TO
EXTEND DOWN TO
SANDSTONE STRATA.

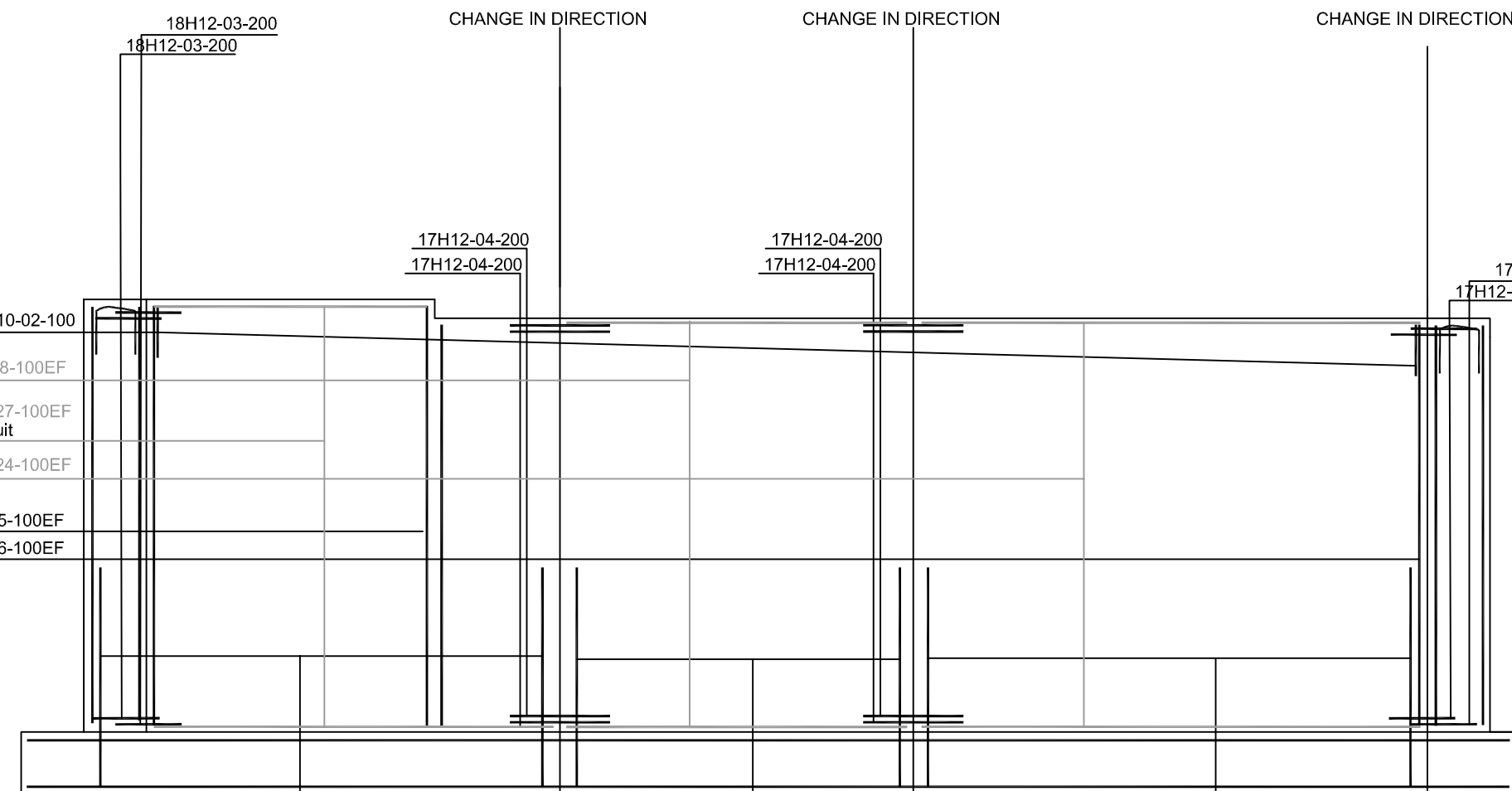
Drainage Gully required to patio.
Sika to confirm detail around gully.



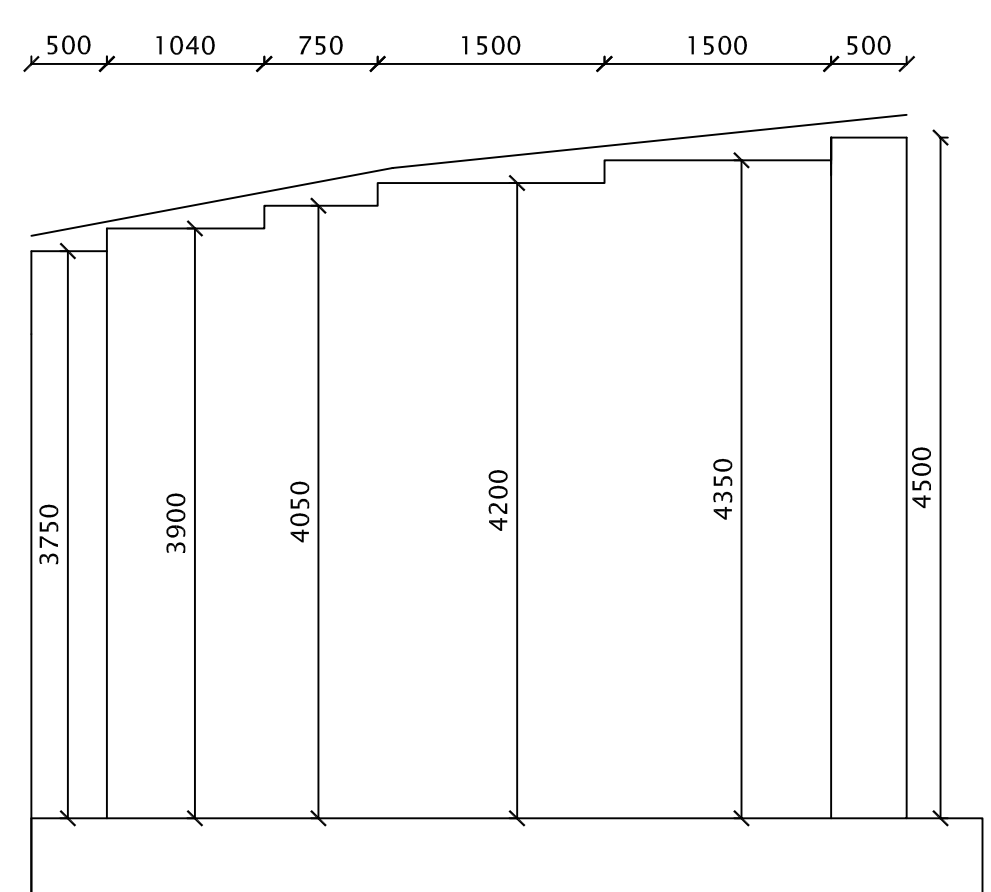
ELEVATION C-C



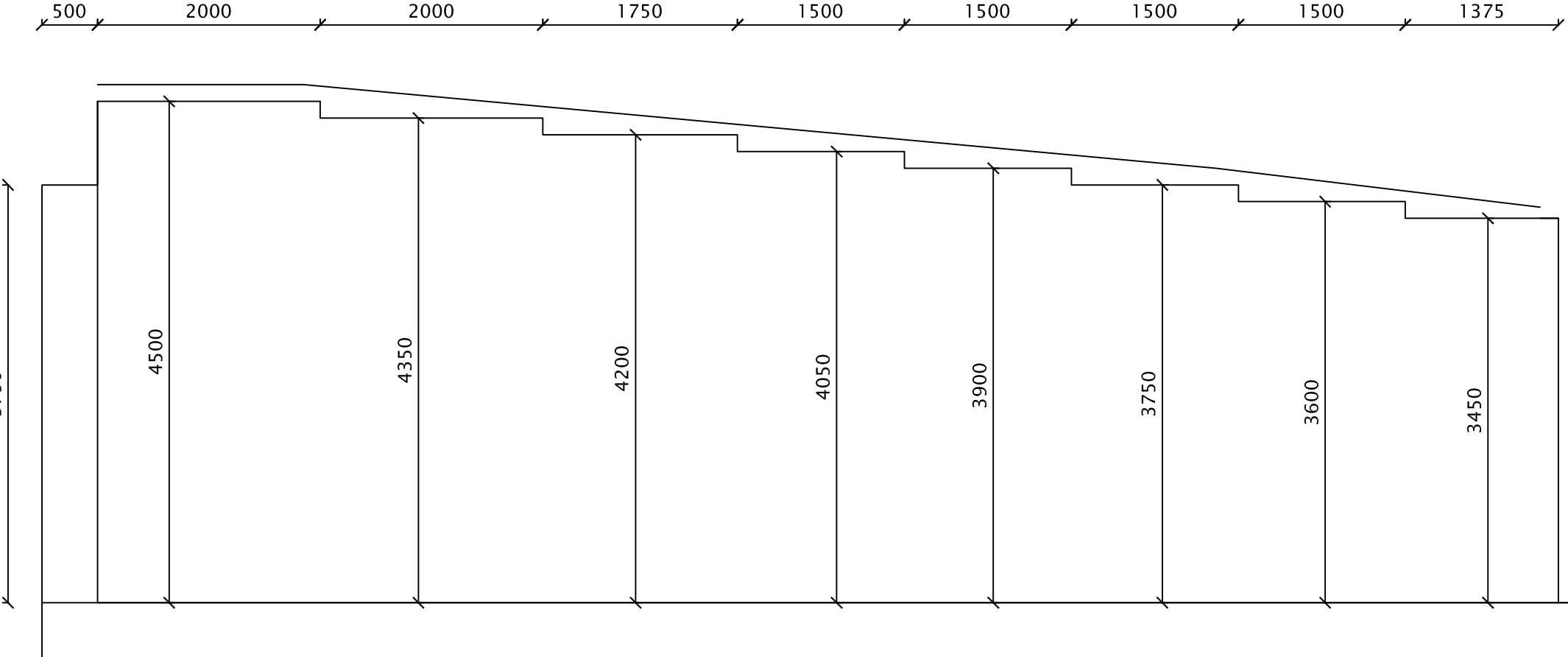
ELEVATION A-A



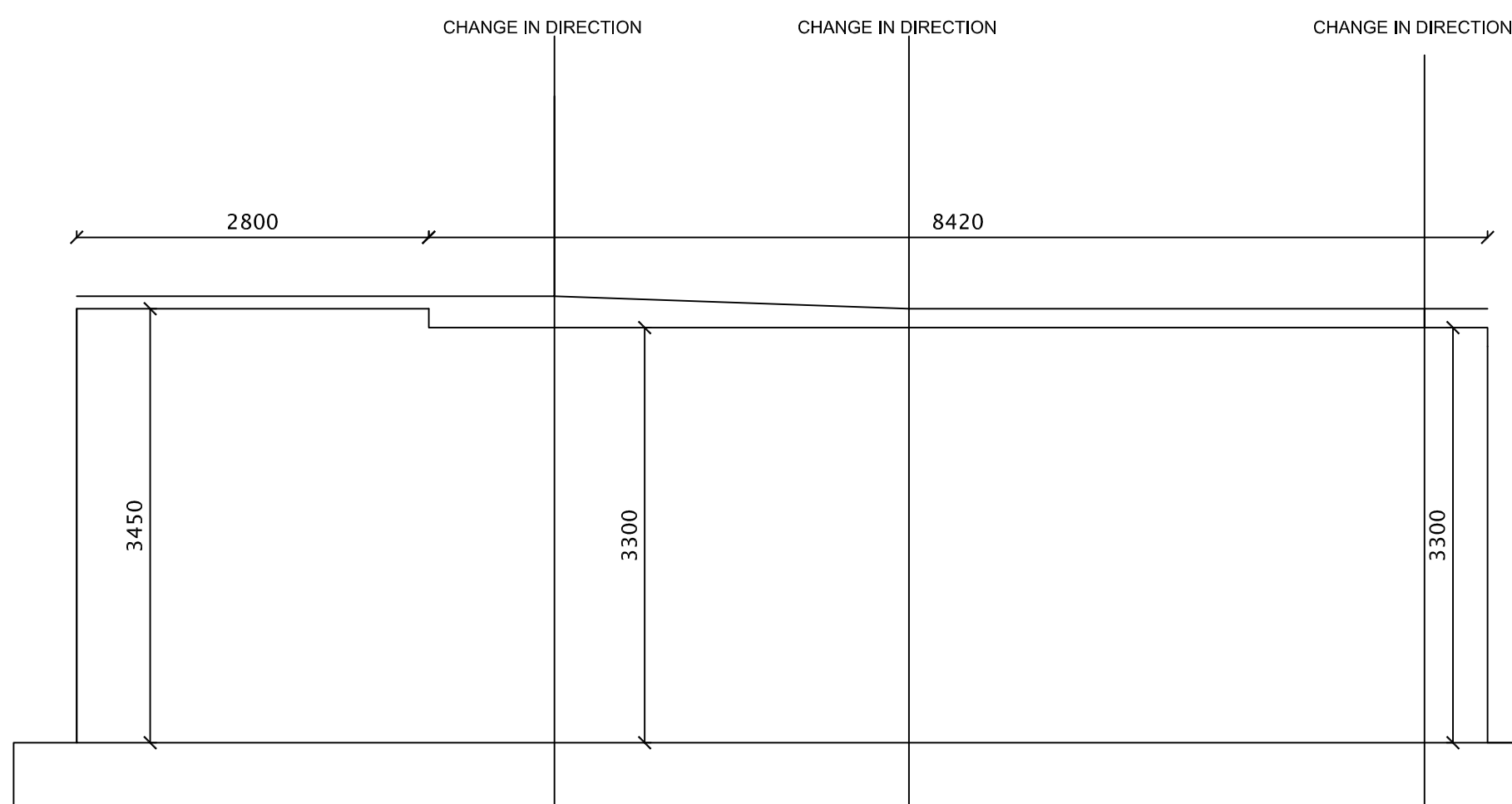
ELEVATION B-B



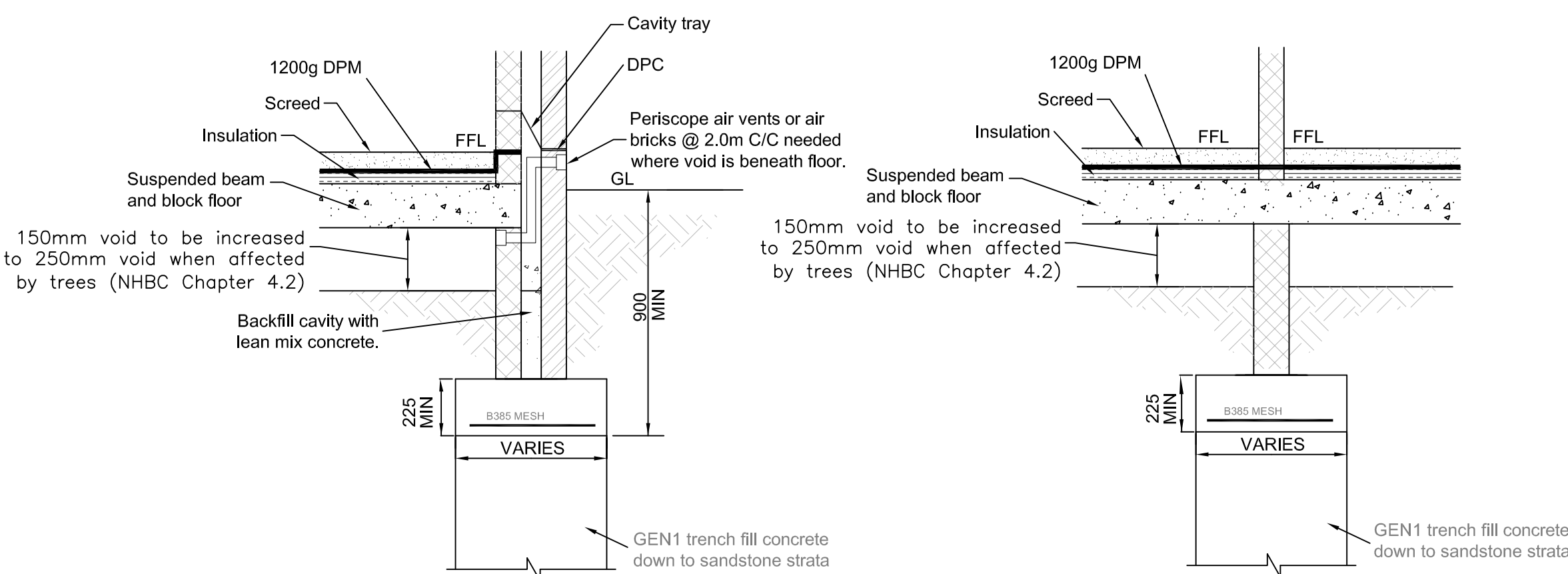
ELEVATION C-C



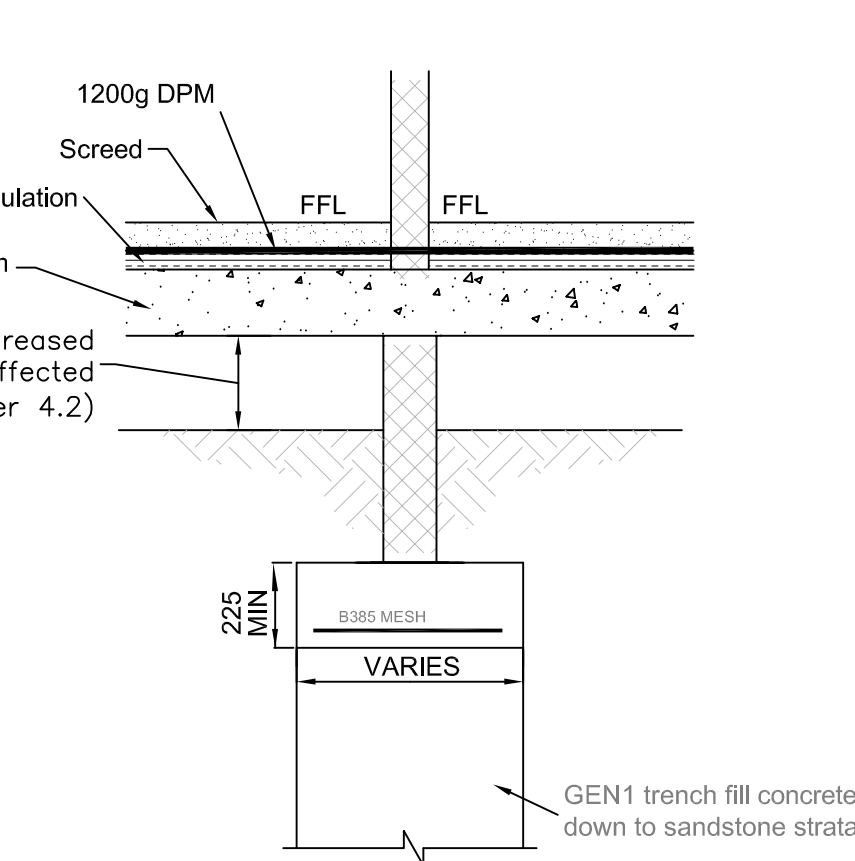
ELEVATION A-A



ELEVATION B-B



TYPICAL SECTION THROUGH
EXTERNAL WALL
BEAM & BLOCK CONSTRUCTION
SCALE 1:20



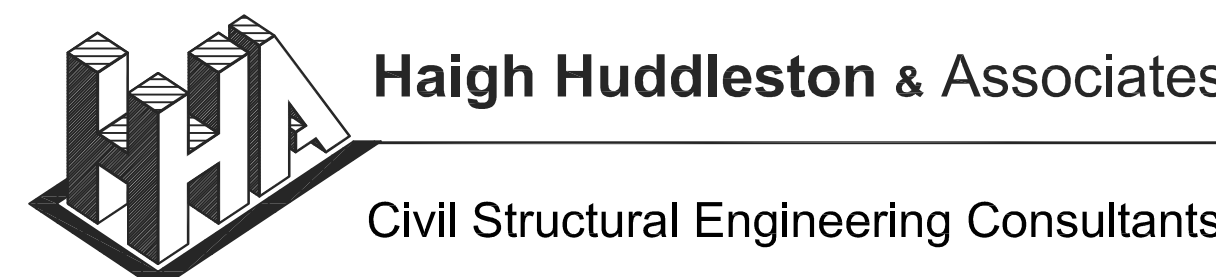
TYPICAL SECTION THROUGH
INTERNAL WALL
BEAM & BLOCK CONSTRUCTION
SCALE 1:20

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS & ENGINEERS DRAWINGS.
- CONCRETE GRADE RC35 IN ACCORDANCE WITH B.S.5328 FOR STRIP FOOTING AND WATERPROOF RC35 CONCRETE FOR THE RETAINING WALL BASE/STEM.
- MIN COVER FOR REINFORCEMENT 40mm TO STRIP FOOTING AND 60mm TO RETAINING WALL.
- MIN LAPS 40 BAR DIAM FOR MAIN STEEL 300mm FOR MESH PANELS
- ANY MESH IN TOP FACE TO BE ADEQUATELY SUPPORTED WITH STEEL CHAIRS OR COILED MESH PRIOR TO CONCRETE POUR.
- LOCAL SOFT SPOTS TO BE REPORTED TO HHA.
- ALL REINFORCED CONCRETE TO BE ADEQUATELY VIBRATED.
- EXCAVATION TO BE CLEAN AND DRY WHEN CONCRETE IS CAST.
- A DESIGN SULPHATE CLASS OF DS-1 ACEC CLASS OF AC-22 SHOULD BE USED FOR CONCRETE IN CONTACT WITH RESIDUAL SOILS.

NOTE.

Foundation Depths to be min 900mm unless otherwise stated. ENGINEER to inspect founding strata prior to any concrete pour to ensure that all foundations bear on to sandstone strata providing a minimum bearing capacity of 150kN/m². All foundations to bear entirely on to consistent sandstone strata to avoid differential settlement. Concrete strip reinforced with B385 mesh in bottom face. All steps in foundations to be in accordance with NHBC guidelines.

WHERE FILL MATERIAL IS ENCOUNTERED FOUNDATIONS MUST BE EXCAVATED TO NATURAL STRATA. IF IN DOUBT CONSULT ENGINEER. WHERE EXISTING FOUNDATIONS OR OTHER OBSTRUCTIONS ARE EXPOSED IN FOUNDATION EXCAVATIONS THESE SHOULD BE REMOVED TO ALLOW SUPPORT FROM NATURAL STRATA AND REMOVE THE RISK OF DIFFERENTIAL SETTLEMENT. IN AREAS WHERE BASEMENTS ARE EXPOSED OR FORMERLY EXISTED (SINCE BACKFILLED), THE FOUNDATIONS SHOULD BE STEPPED DOWN TO NATURAL STRATA TO ALLOW CONSISTENT SUPPORT. SEE DETAIL 1.



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Client
SB HOMES

Project
LINGARDS ROAD, SLAITHWAITE

Detail
Plots 13-14 Reinforcement Details

Dwn
IM

Chkd
PVV

Date
MAY24

Scale
1:50 A0

Dwg
7567_204_02

No.