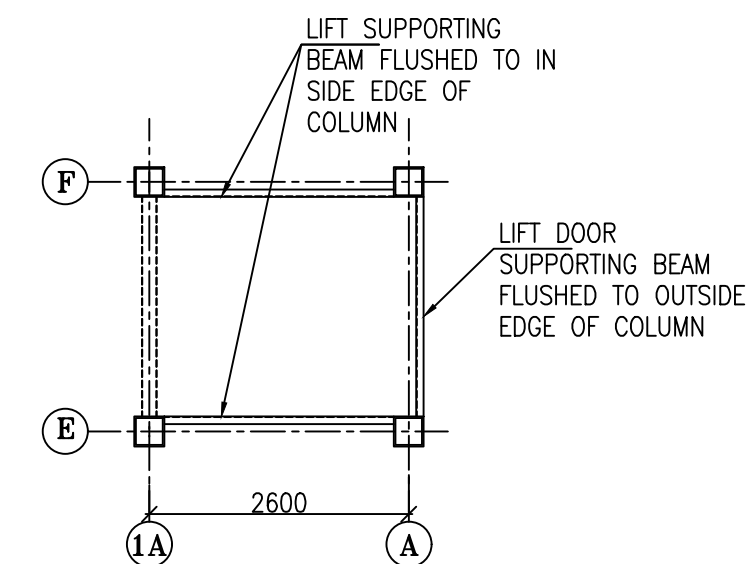
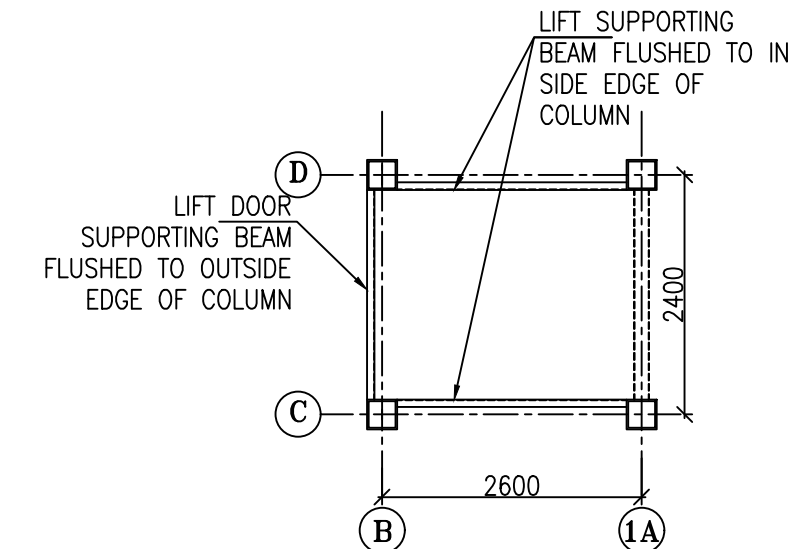


SECTION A9-A9
(PLAN AT TOP CHORD LEVEL)
(SCALE 1:75)



SECTION A17-A17



SECTION A21-A21

MARK	DESCRIPTION	REMARKS
1	SHS-100X100X6	
2	SHS-150X150X6	
3	SHS-100X100X6	
4	SHS-150X150X6	
5	SHS- 100X100X6	
6	SHS-150X150X6	
7	SHS- 180X180X6	
8	NOT USED	
9	SHS- 180X180X6	
10	SHS- 300X300X12	
11	ISMC- 200	*
12	ISMB- 200	*
13	SHS- 180X180X6.0	
14	SHS- 220X220X8.0	

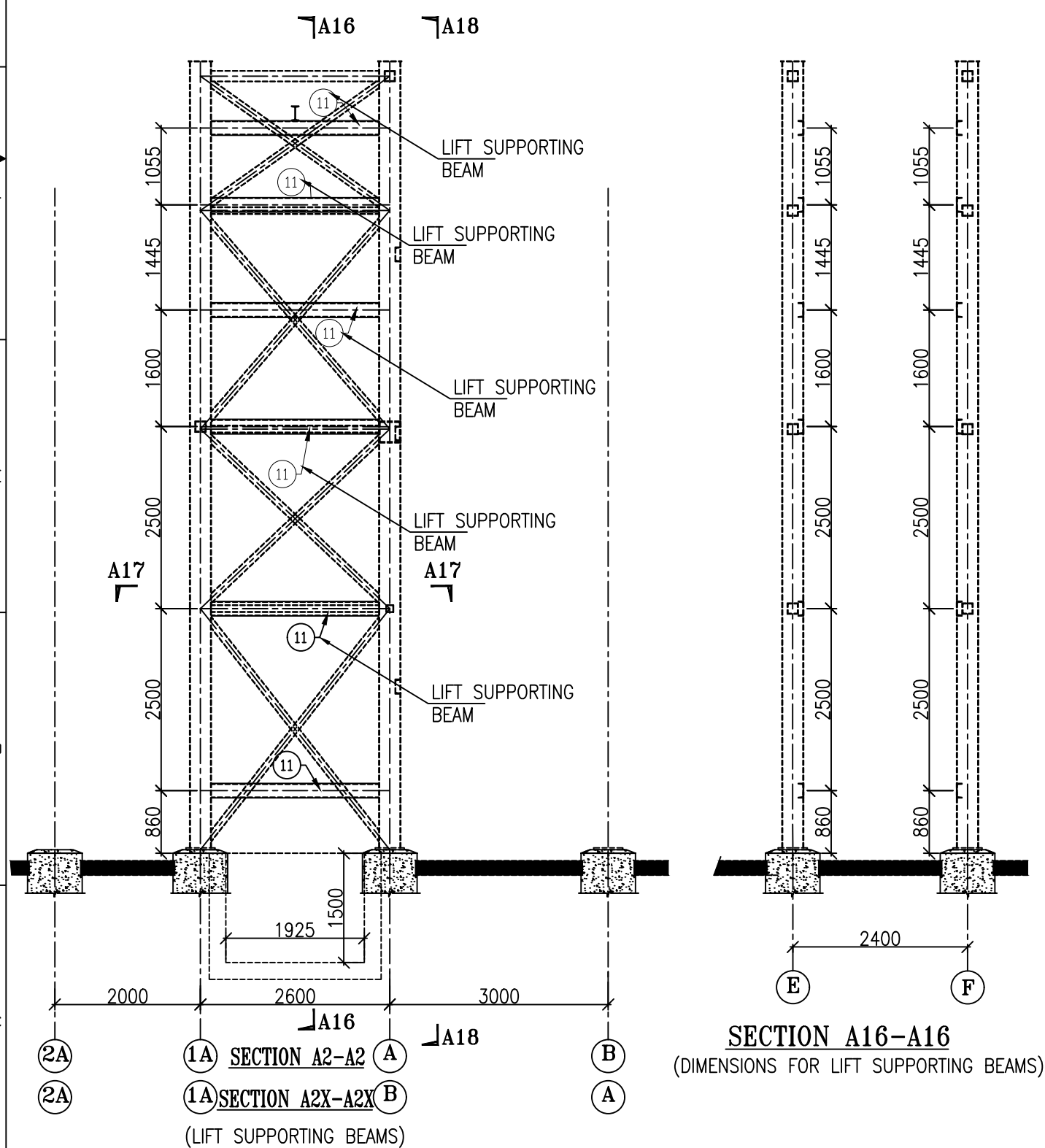
* VARIES AS PER LIFT INSTALLATION

LEGEND:

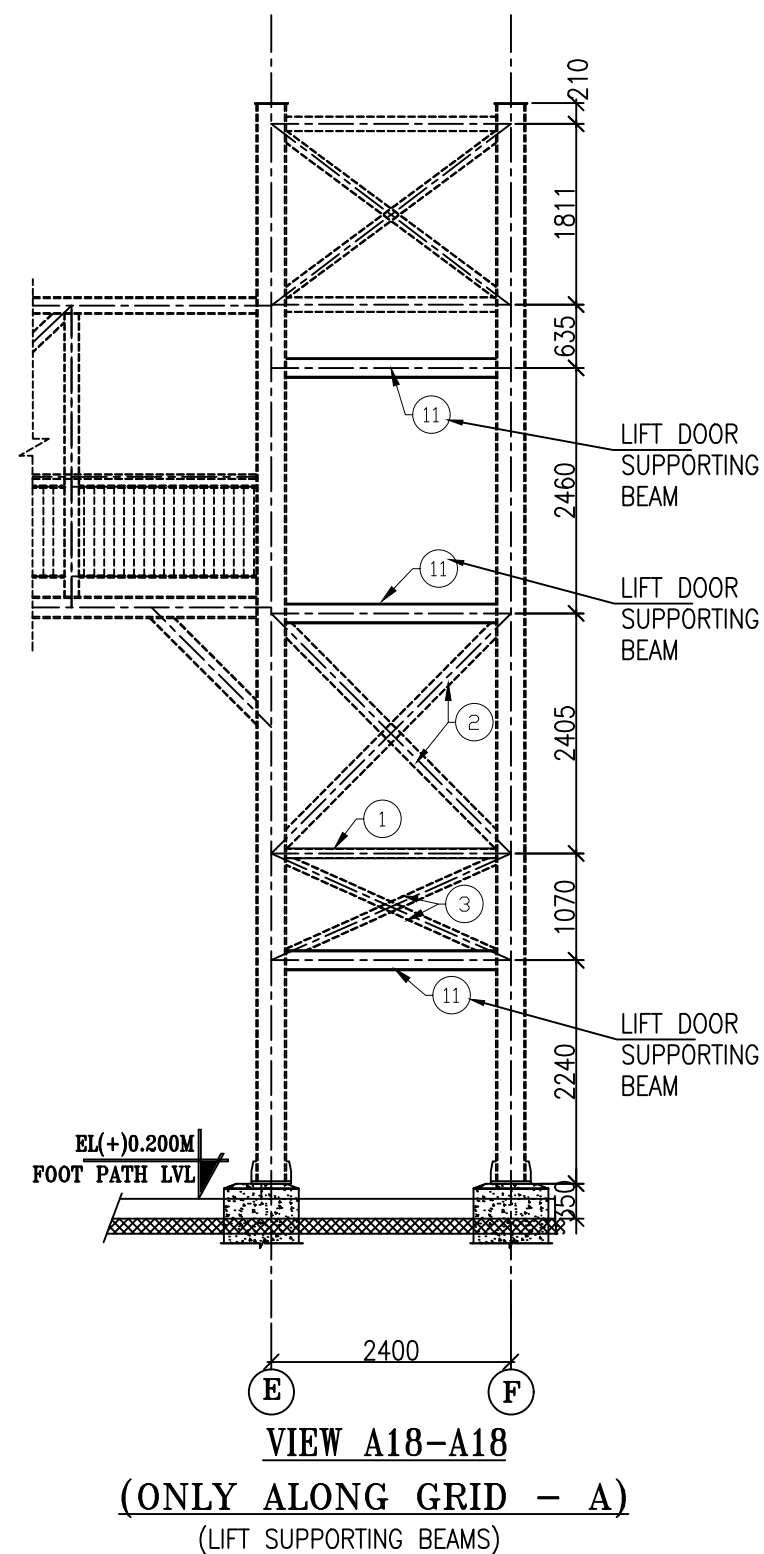
RI. --- RI. RISER
EQ. --- EQUAL
B.O.B.P --- BOTTOM OF BASE PLATE
TOS --- TOP OF STEEL
TYP --- TYPICAL

NOTES:

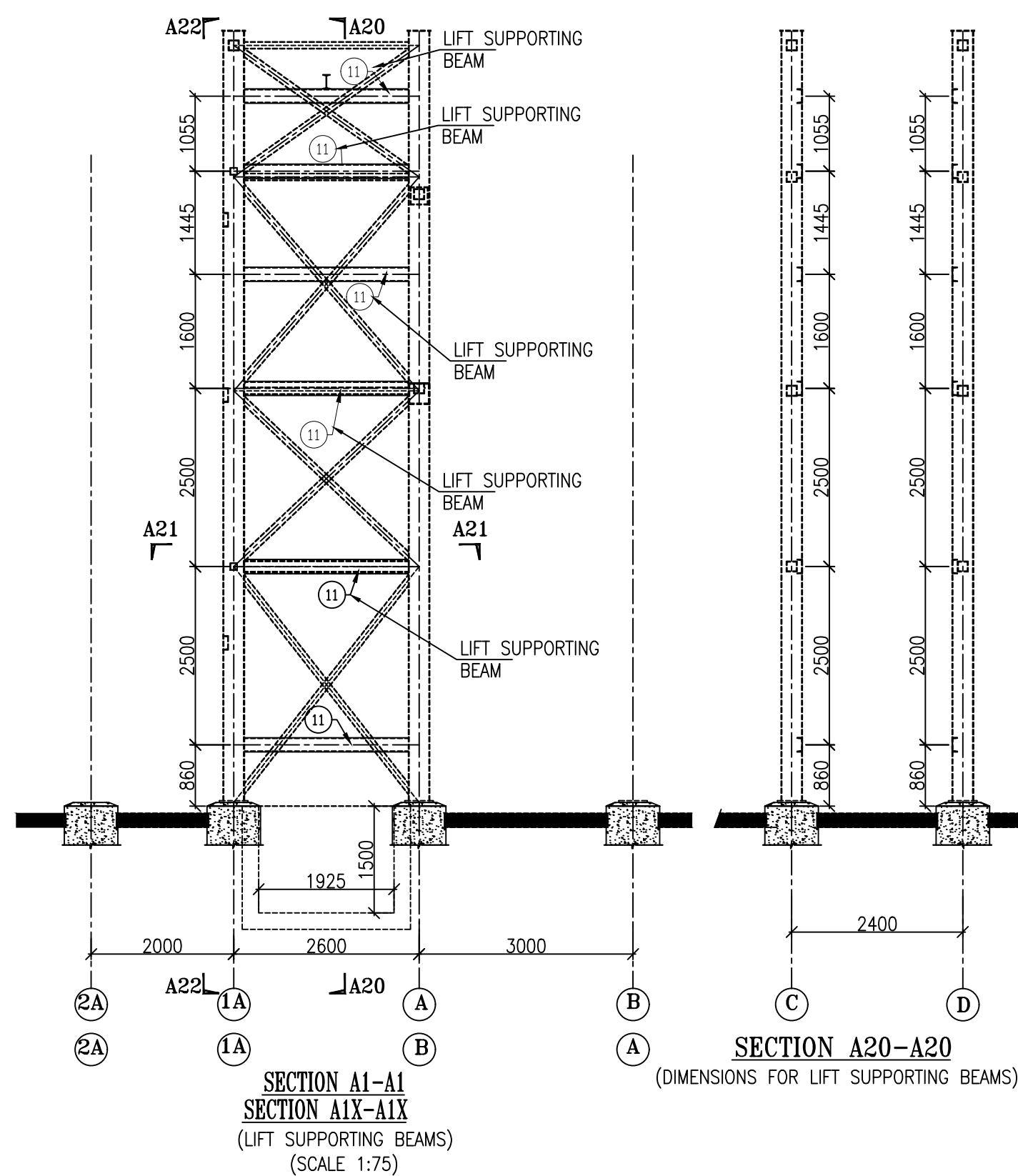
- ALL DIMENSIONS ARE IN MM. & LEVELS ARE IN MTR. UNO
- MINIMUM GROSS BASE PRESSURE REQUIRED FOR FOUNDATION IS 150 KN/m² AT 2.4M BELOW GL.
- DRAWINGS SHOULD NOT BE SCALE ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
- THIS DRG. SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS.
- ALL DIMENSION SHOULD BE VERIFIED WITH GA. DRGS.
- ANY DISCREPANCY/ERROR SHOULD BE NOTIFIED TO THE STRUCTURAL ENGINEER BEFORE COMMENCEMENT OF WORK.
- THIS DRG MUST BE READ IN CONJUNCTION WITH OTHER SHEETS OF SAME DRAWING.



SECTION A16-A16
(DIMENSIONS FOR LIFT SUPPORTING BEAMS)

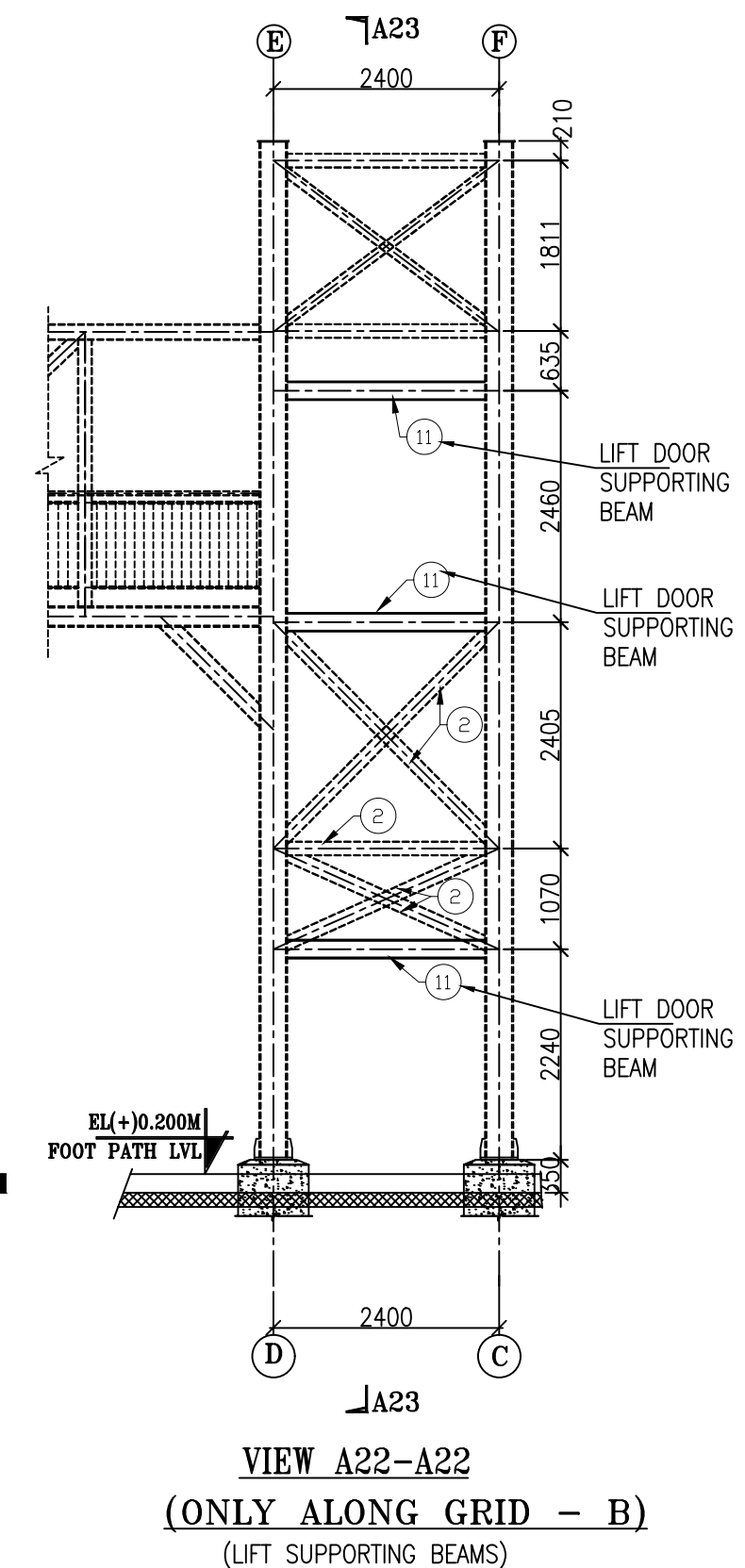


VIEW A18-A18
(ONLY ALONG GRID - A)
(LIFT SUPPORTING BEAMS)



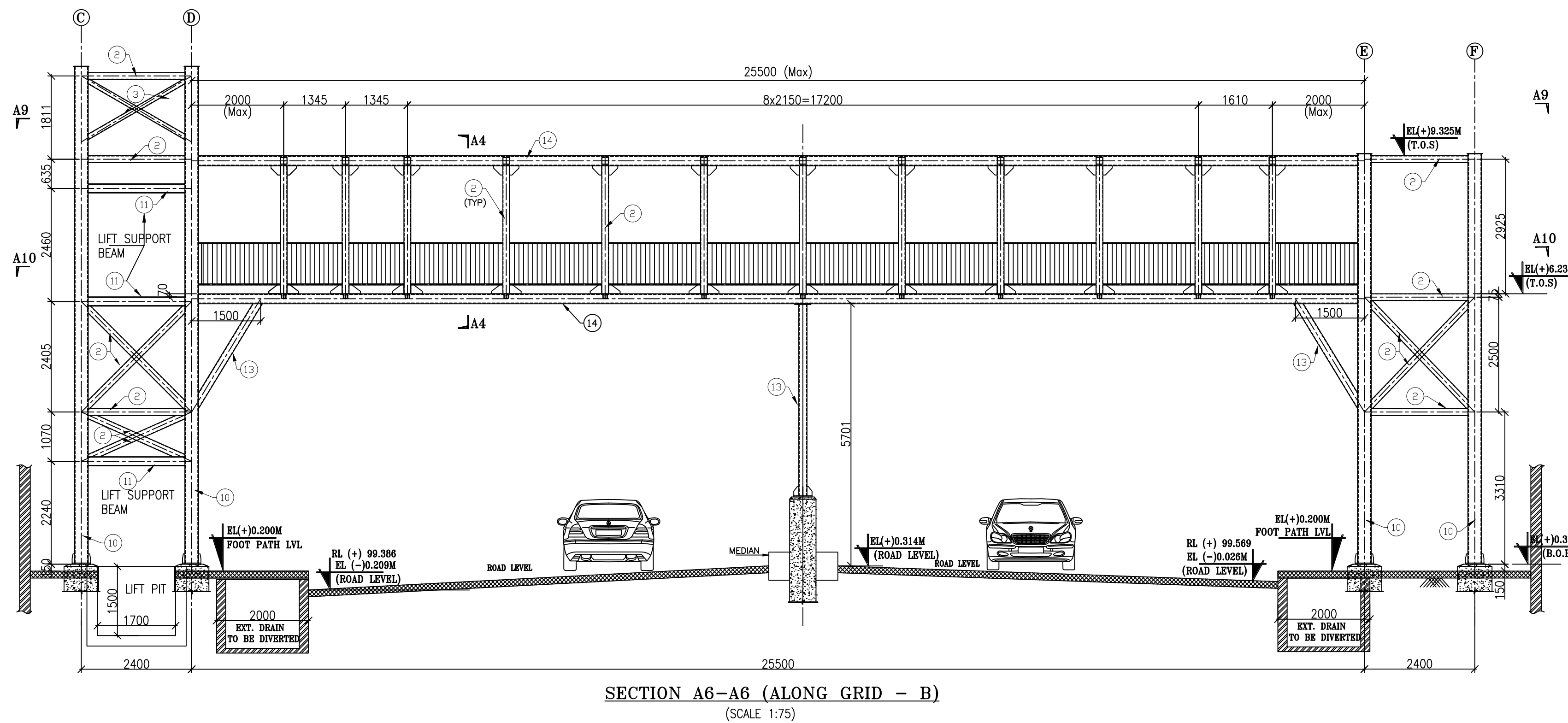
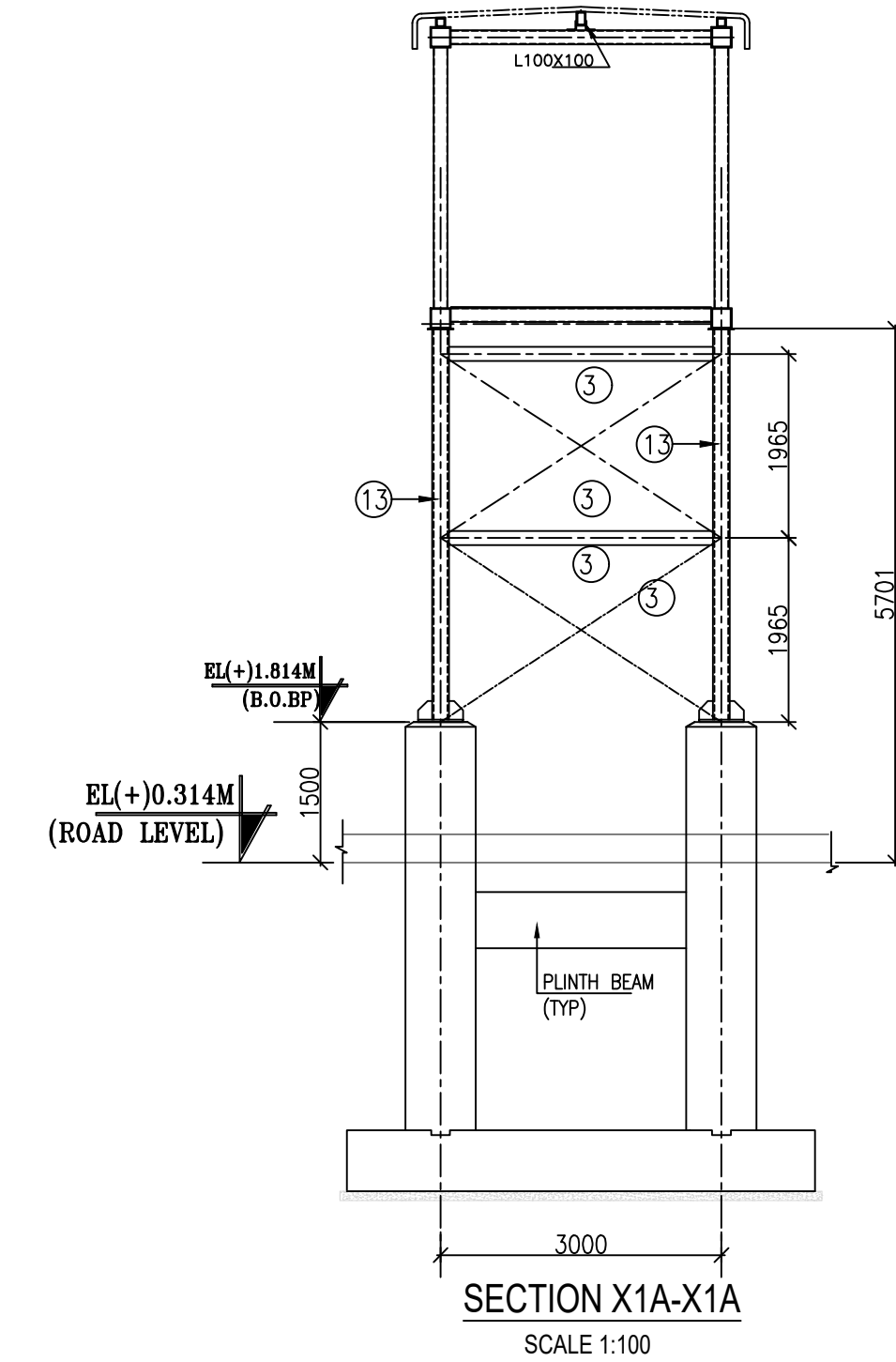
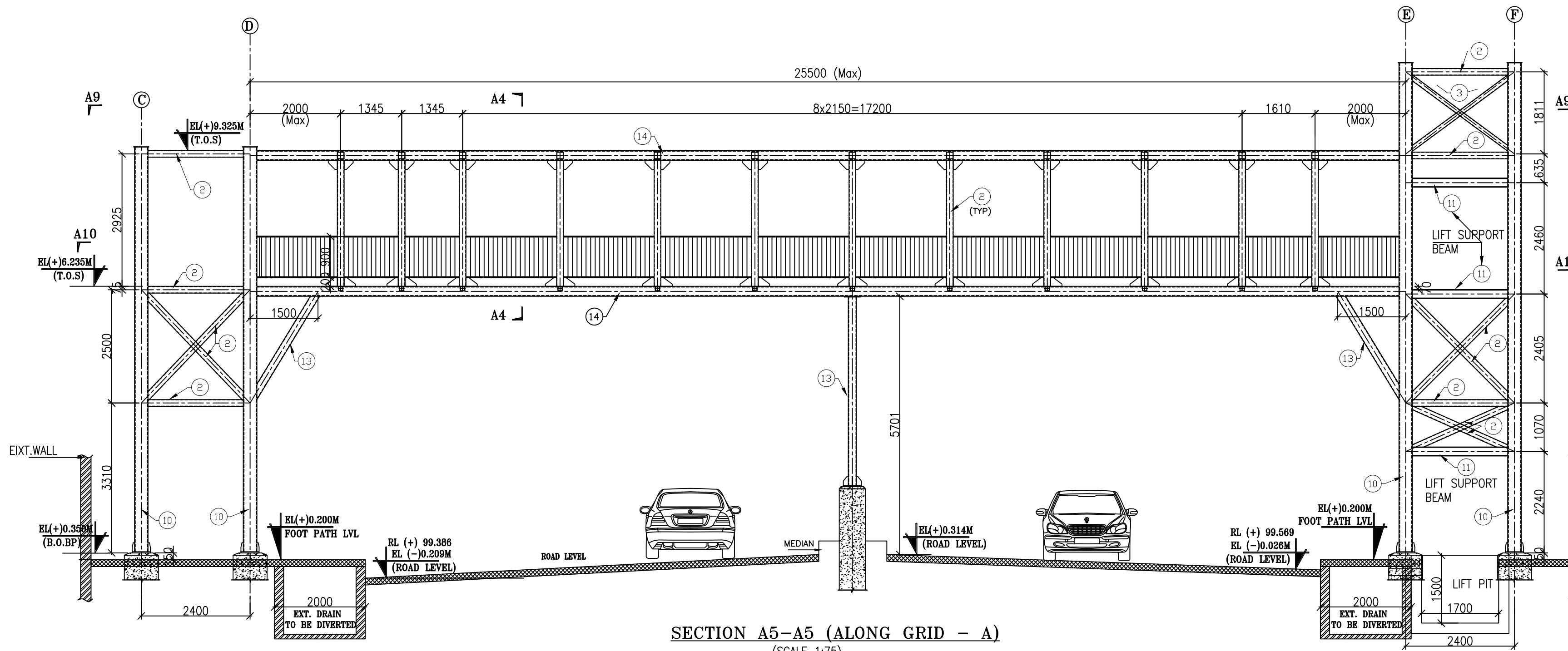
SECTION A1-A1
SECTION A1X-A1X
(LIFT SUPPORTING BEAMS)
(SCALE 1:75)

SECTION A20-A20
(DIMENSIONS FOR LIFT SUPPORTING BEAMS)



VIEW A22-A22
(ONLY ALONG GRID - B)
(LIFT SUPPORTING BEAMS)

0	02.12.24	SUBMITTED FOR APPROVAL
REV. NO	DATE	DESCRIPTION
PROJECT TITLE		
PROJECT: PROPOSED FOB @ MONTFORT SCHOOL -NALGONDA		
CLIENT		
CLIENT: ROADS & BUILDINGS - NH		
CONTRACTOR		
APPROVAL AUTHORITY : MORTH		
STRUCTURAL CONSULTANT		
/		
DWG. TITLE:		
PROPOSED FOB @ NALGONDA		
TOP CHORD PLAN & SECTIONS		
INFORMATION		
DRAWN	GANESH	02.12.24
DESIGNED	KPK	02.12.24
CHECKED		
APPROVED		
RELEASED FOR		DEPT. CIVIL
CONSTRUCTION		JOB NO.
		SCALE: AS SHOWN
		SHEET: 3
		SIZE : A1
		REVISION
		GHMC/FOB/NLG/SD-01/SHEET 3
		R0



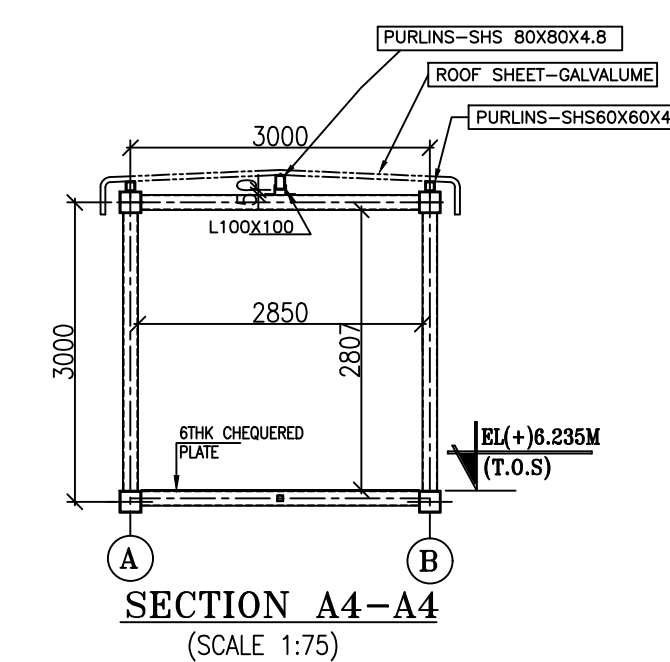
LEGEND:

- RI. --- RI. RISER
- EQ. --- EQUAL
- B.O.B.P --- BOTTOM OF BASE PLATE
- TOS --- TOP OF STEEL
- TYP --- TYPICAL

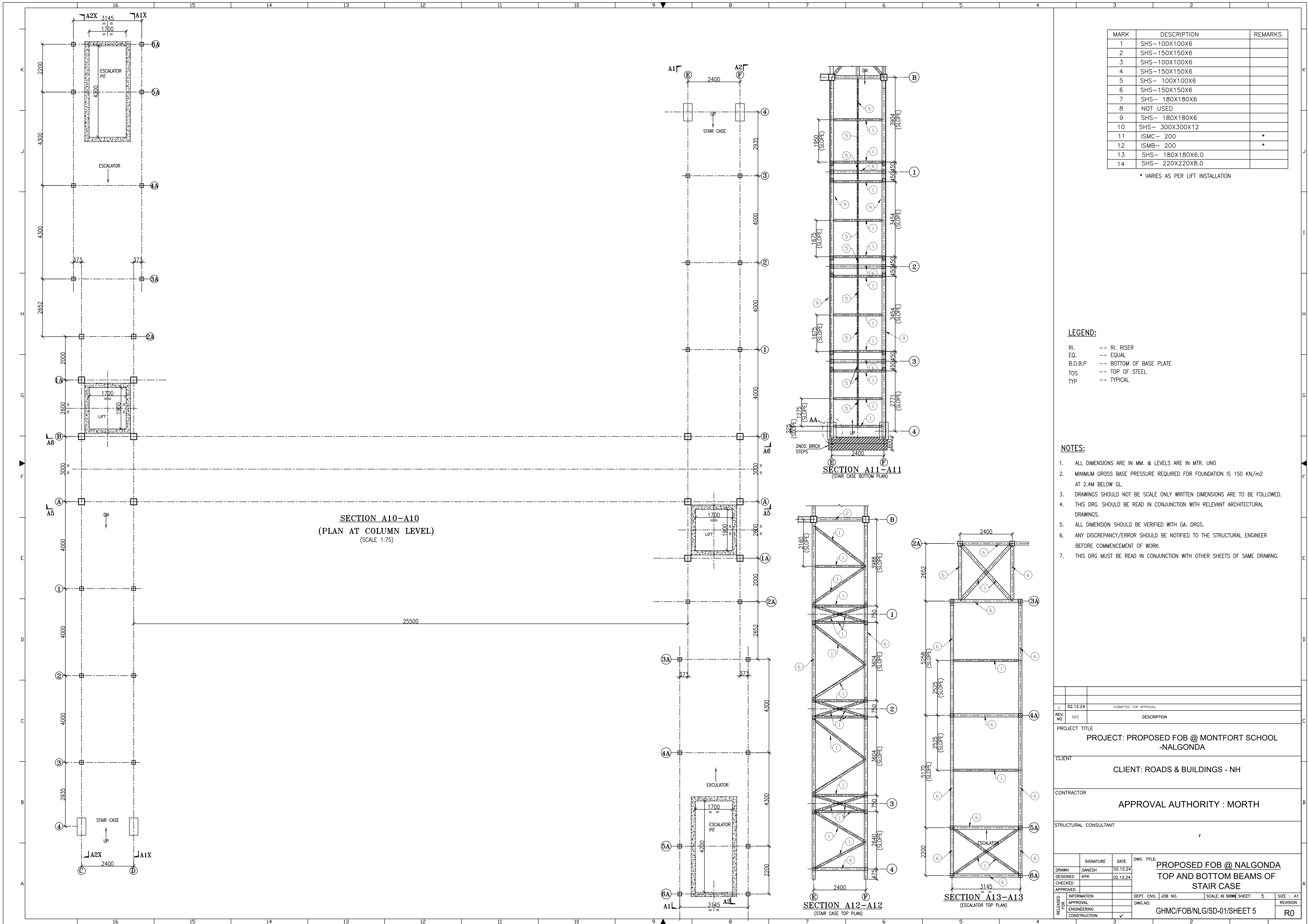
1. ALL DIMENSIONS ARE IN MM. & LEVELS ARE IN MTR. UNO
2. MINIMUM GROSS BASE PRESSURE REQUIRED FOR FOUNDATION IS 150 KN/m² AT 2.4M BELOW GL.
3. DRAWINGS SHOULD NOT BE SCALE. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
2. THIS DRG. SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS.
3. ALL DIMENSION SHOULD BE VERIFIED WITH GA. DRGS.
4. ANY DISCREPANCY/ERROR SHOULD BE NOTIFIED TO THE STRUCTURAL ENGINEER BEFORE COMMENCEMENT OF WORK.
5. THIS DRG MUST BE READ IN CONJUNCTION WITH OTHER SHEETS OF SAME DRAWING.

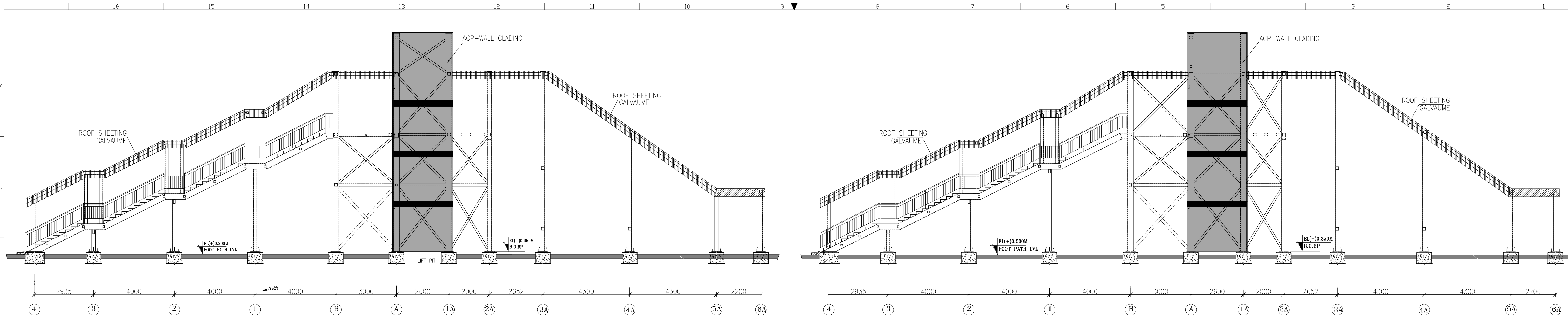
MARK	DESCRIPTION	REMARKS
1	SHS-100X100X6	
2	SHS-150X150X6	
3	SHS-100X100X6	
4	SHS-150X150X6	
5	SHS- 100X100X6	
6	SHS-150X150X6	
7	SHS- 180X180X6	
8	NOT USED	
9	SHS- 180X180X6	
10	SHS- 300X300X12	
11	ISMC- 200	*
12	ISMB- 200	*
13	SHS- 180X180X6.0	
14	SHS- 220X220X8.0	

* VARIES AS PER LIFT INSTALLATION



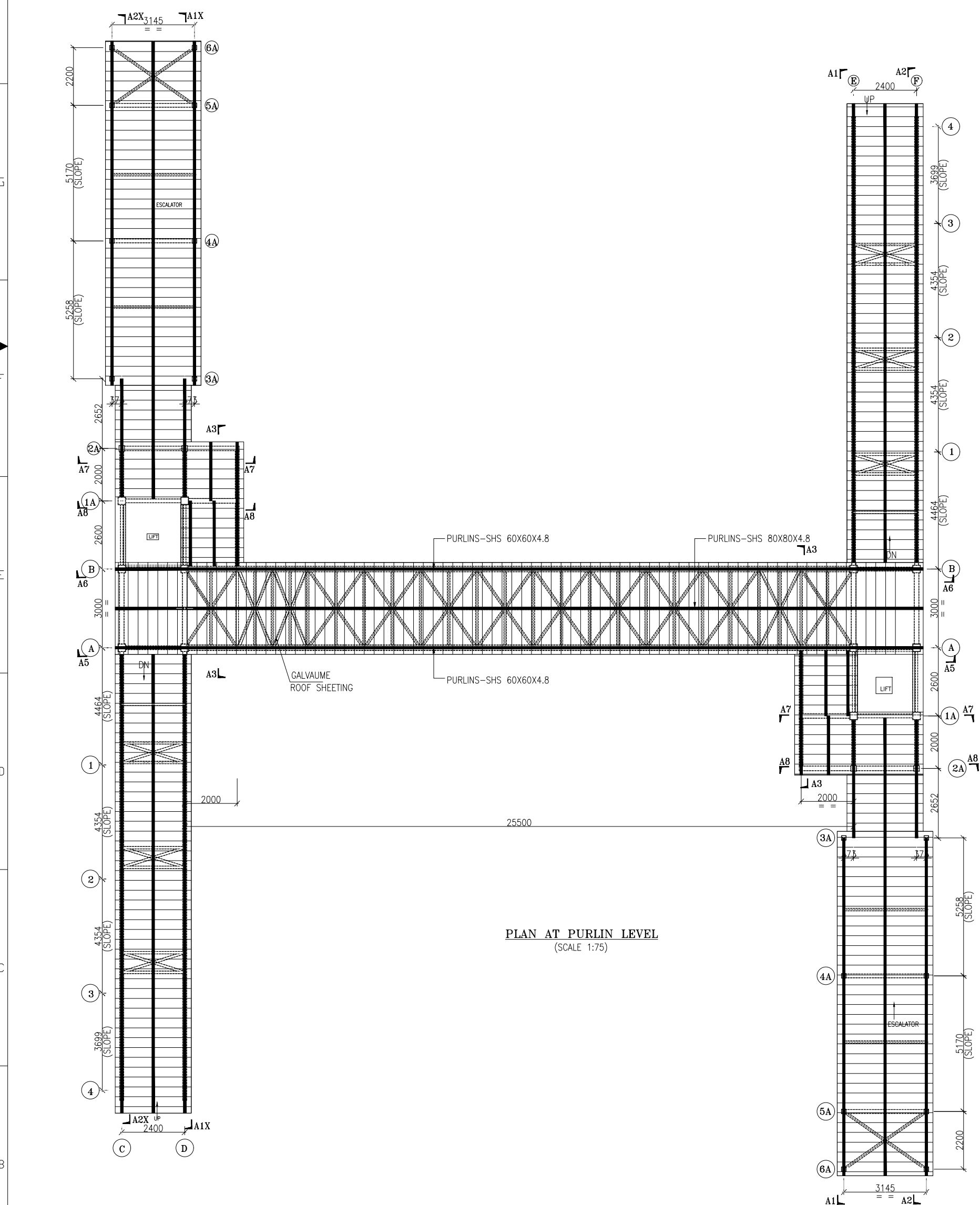
REV. NO.	02.12.24	DATE	02.12.24	DESCRIPTION	SUBMITTED FOR APPROVAL
PROJECT TITLE PROJECT: PROPOSED FOB @ MONTFORT SCHOOL -NALGONDA					
CLIENT CLIENT: ROADS & BUILDINGS - NH					
CONTRACTOR APPROVAL AUTHORITY : MORTH					
STRUCTURAL CONSULTANT //					
SIGNATURE		DATE		DWG. TITLE:	
DRAWN: GANESH		02.12.24		PROPOSED FOB @ NALGONDA	
DESIGNED: KPK		02.12.24		ELEVATIONS	
CHECKED:					
APPROVED:					
INFORMATION		DEPT. CIVIL		JOB NO.	
APPROVAL		SCALE: AS SHOWN		SHEET: 4	
ENGINEERING		DWG.NO.		GHMC/FOB/NLG/SD-01/SHEET 4	
CONSTRUCTION		✓		REVISION	
				R0	



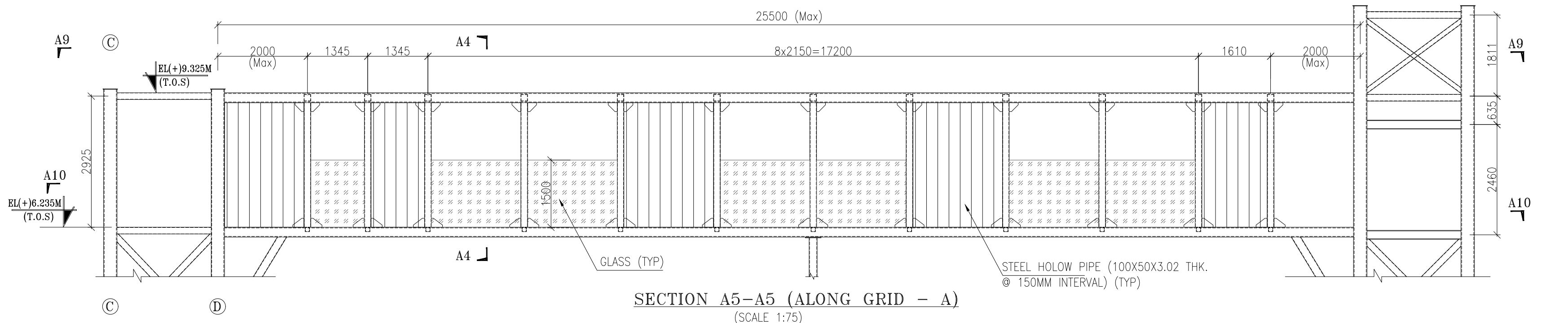


SECTION A1-A1 (AS DRAWN)
SECTION A1X-A1X (OPP. HAND)
(SCALE 1:75)

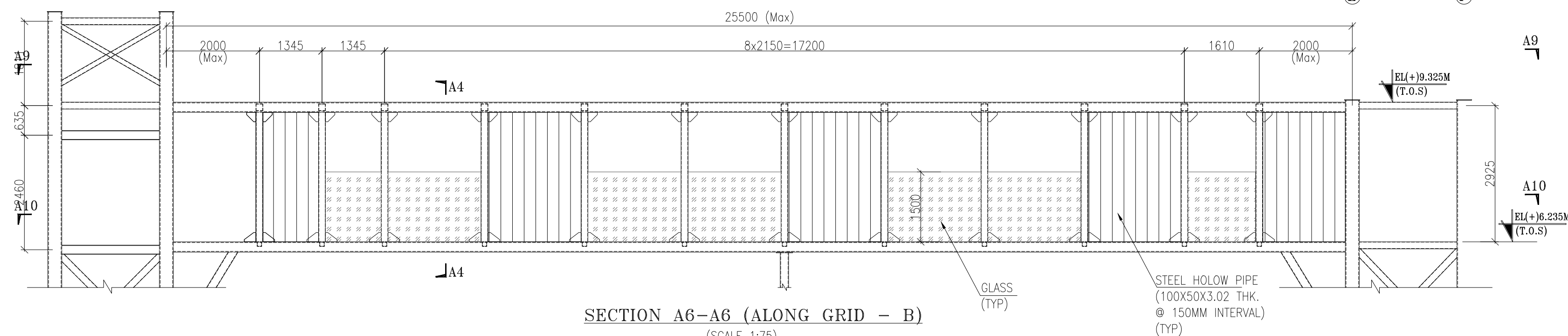
SECTION A2-A2 (AS DRAWN)
SECTION A2X-A2X (OPP. HAND)
(SCALE 1:75)



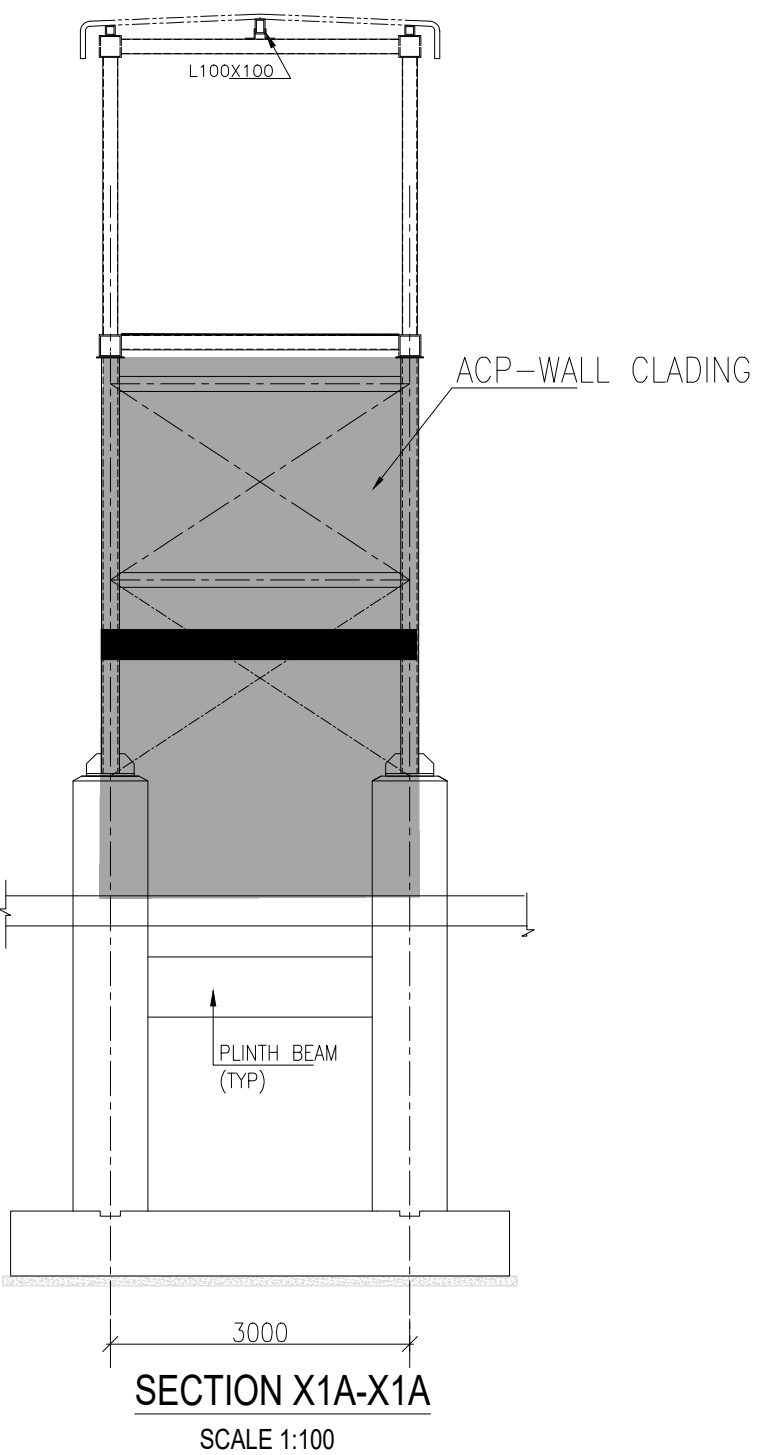
PLAN AT PURLIN LEVEL
(SCALE 1:75)



SECTION A5-A5 (ALONG GRID - A)
(SCALE 1:75)



SECTION A6-A6 (ALONG GRID - B)
(SCALE 1:75)



SECTION X1A-X1A
SCALE 1:100

LEGEND:

- RI. --- RI. RISER
- EQ. --- EQUAL
- B.O.B.P. --- BOTTOM OF BASE PLATE
- TOS --- TOP OF STEEL
- TYP --- TYPICAL

NOTES:

- ALL DIMENSIONS ARE IN MM. & LEVELS ARE IN MTR. UNO
- MINIMUM GROSS BASE PRESSURE REQUIRED FOR FOUNDATION IS 150 KN/m2 AT 2.4M BELOW GL.
- DRAWINGS SHOULD NOT BE SCALE ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
- THIS DRG. SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS.
- ALL DIMENSION SHOULD BE VERIFIED WITH GA. DRGS.
- ANY DISCREPANCY/ERROR SHOULD BE NOTIFIED TO THE STRUCTURAL ENGINEER BEFORE COMMENCEMENT OF WORK.
- THIS DRG MUST BE READ IN CONJUNCTION WITH OTHER SHEETS OF SAME DRAWING

PROJECT: PROPOSED FOB @ MONTFORT SCHOOL
-NALGONDA

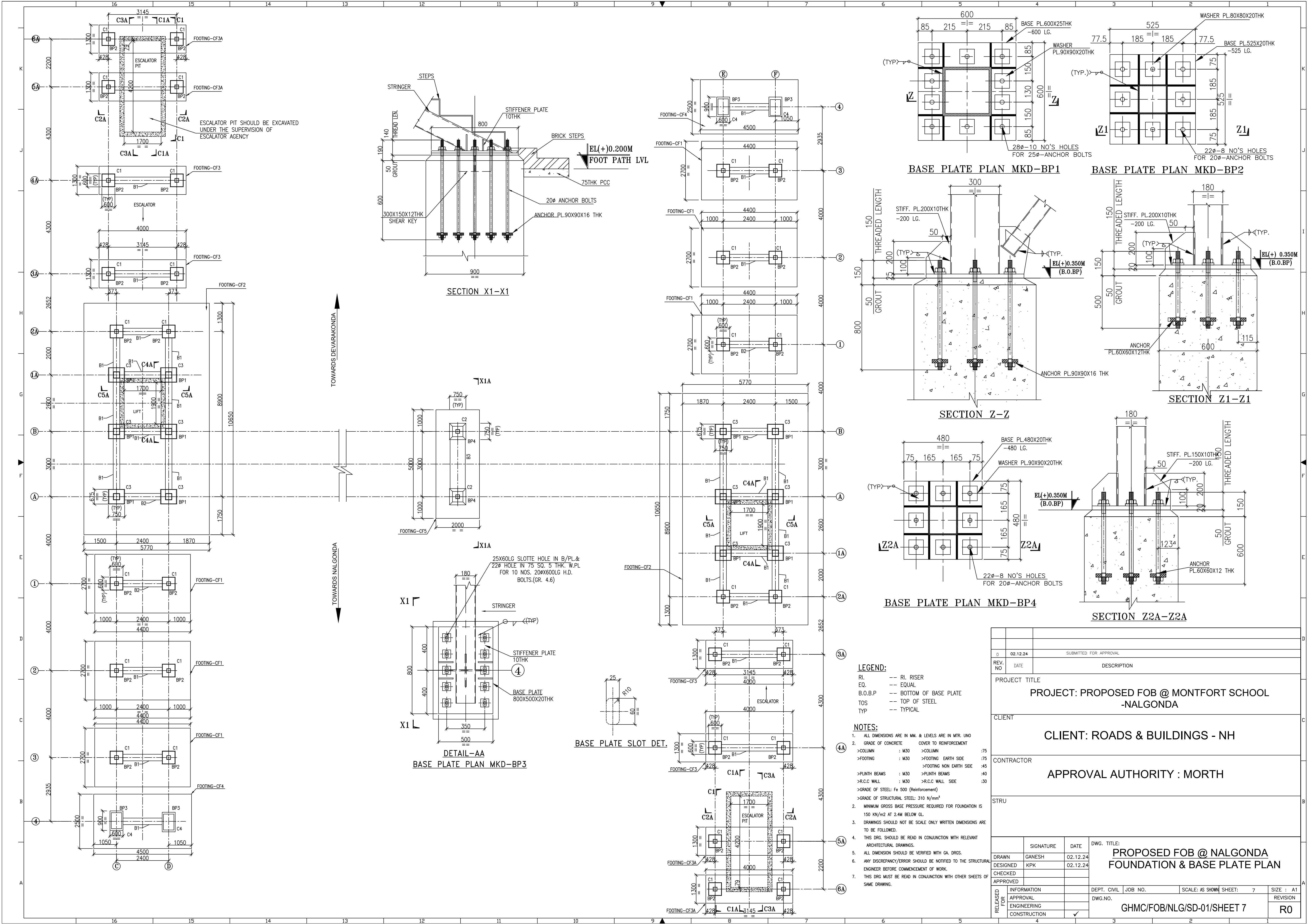
CLIENT: ROADS & BUILDINGS - NH

APPROVAL AUTHORITY : MORTH

PROPOSED FOB @ NALGONDA
ARCHITECTURAL DETAILS OF ROOFING &
CLADDING FOR STAIRCASE, BRIDGE & LIFT.

GHMC/FOB/NLG/SD-01/SHEET 6

R0



LEGEND:

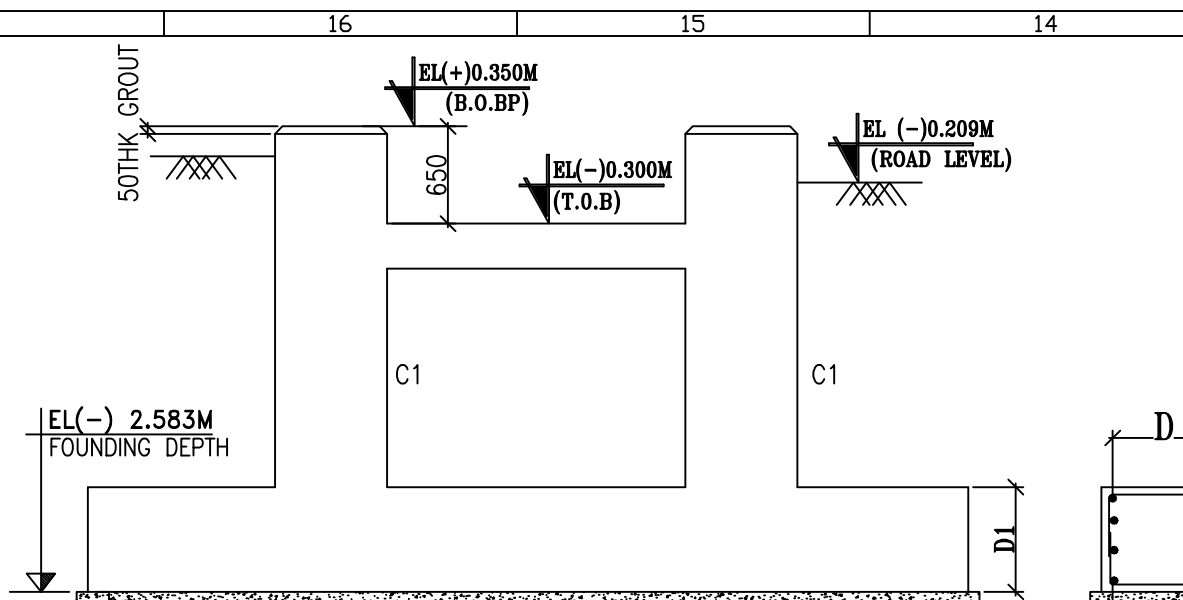
- RL --- RL RISER
- EQ. --- EQUAL
- B.O.B.P --- BOTTOM OF BASE PLATE
- TOS --- TOP OF STEEL
- TYP --- TYPICAL

NOTES:

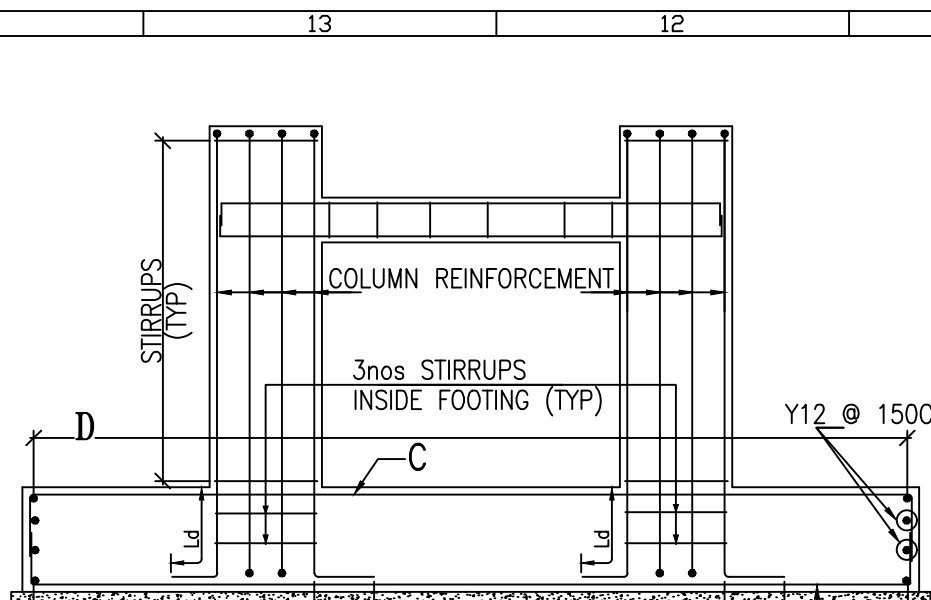
- ALL DIMENSIONS ARE IN MM & LEVELS ARE IN MTR. UNO
- GRADE OF CONCRETE: COVER TO REINFORCEMENT
 - >COLUMN : M30 : >COLUMN : 75
 - >FOOTING : M30 : >FOOTING EARTH SIDE : 75
 - >FOOTING : M30 : >FOOTING NON EARTH SIDE : 45
 - >PLINTH BEAMS : M30 : >PLINTH BEAMS : 45
 - >R.C.C WALL : M30 : >R.C.C WALL SIDE : 30
 - >GRADE OF STEEL: Fe 500 (Reinforcement)
 - >GRADE OF STRUCTURAL STEEL: 310 N/mm²
- MINIMUM GROSS BASE PRESSURE REQUIRED FOR FOUNDATION IS 150 KN/m² AT 2.4M BELOW GL.
- DRAWINGS SHOULD NOT BE SCALE ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
- THIS DRG. SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS.
- ALL DIMENSION SHOULD BE VERIFIED WITH GA. DRGS.
- ANY DISCREPANCY/ERROR SHOULD BE NOTIFIED TO THE STRUCTURAL ENGINEER BEFORE COMMENCEMENT OF WORK.
- THIS DRG MUST BE READ IN CONJUNCTION WITH OTHER SHEETS OF SAME DRAWING.

0		02.12.24		SUBMITTED FOR APPROVAL	
REV. NO		DATE		DESCRIPTION	
PROJECT TITLE					
PROJECT: PROPOSED FOB @ MONTFORT SCHOOL -NALGONDA					
CLIENT					
CLIENT: ROADS & BUILDINGS - NH					
CONTRACTOR					
APPROVAL AUTHORITY : MORTH					
STRU					
		SIGNATURE		DATE	
DRAWN		GANESH		02.12.24	
DESIGNED		KPK		02.12.24	
CHECKED					
APPROVED					
RELEASED FOR:	INFORMATION				
	APPROVAL				
	ENGINEERING				
	CONSTRUCTION		✓		
	4		3		
		3		2	
				1	

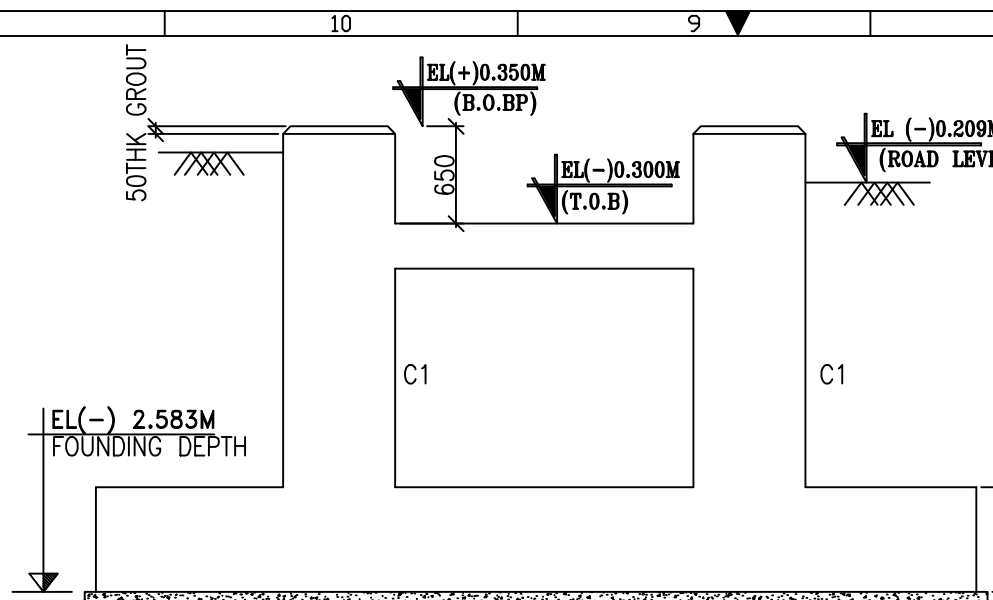
DWG. TITLE:			
PROPOSED FOB @ NALGONDA FOUNDATION & BASE PLATE PLAN			
DEPT. CIVIL		JOB NO.	
SCALE: AS SHOWN		SHEET: 7	
DWG.NO.		SIZE : A1	
GHMC/FOB/NLG/SD-01/SHEET 7		REVISION	
		R0	



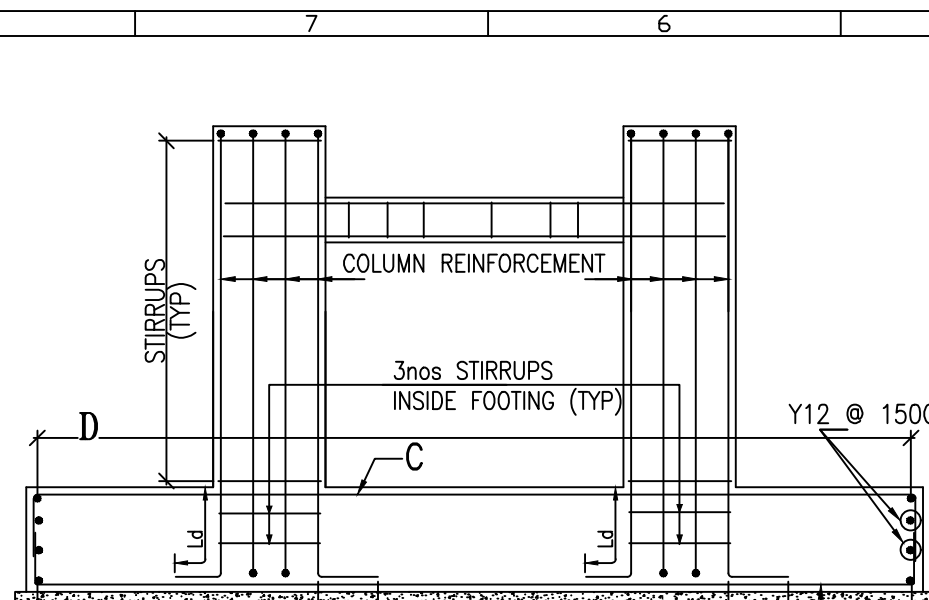
SECTION 1-1
CF1
(NUMERATION DETAILS)



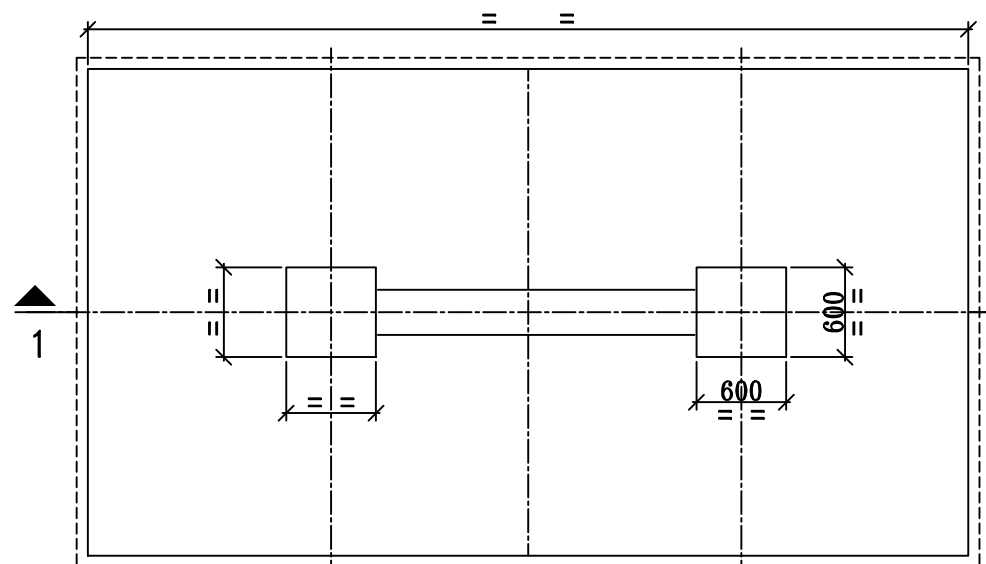
SECTION 1-1
CF1
(REINFORCEMENT DETAILS)



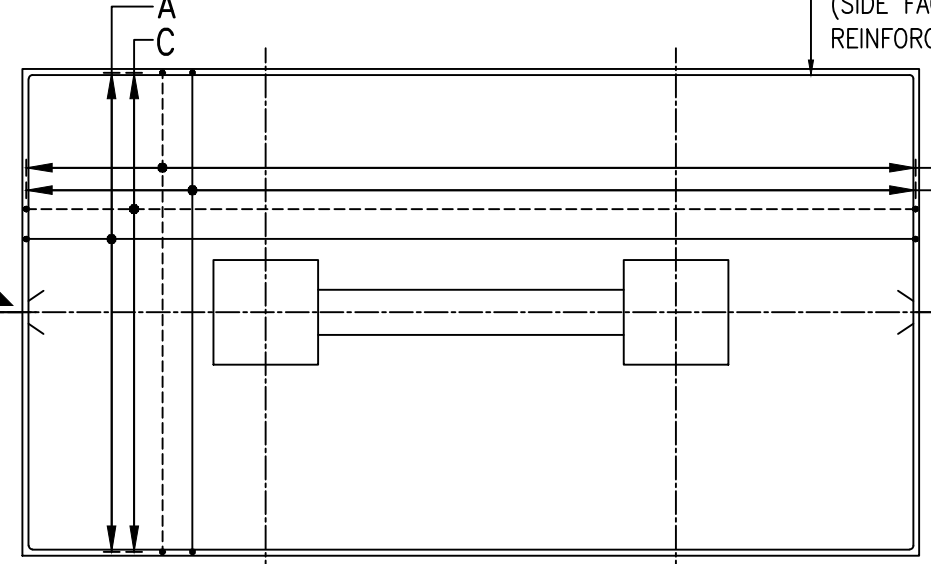
SECTION 3-3
CF3
(NUMERATION DETAILS)



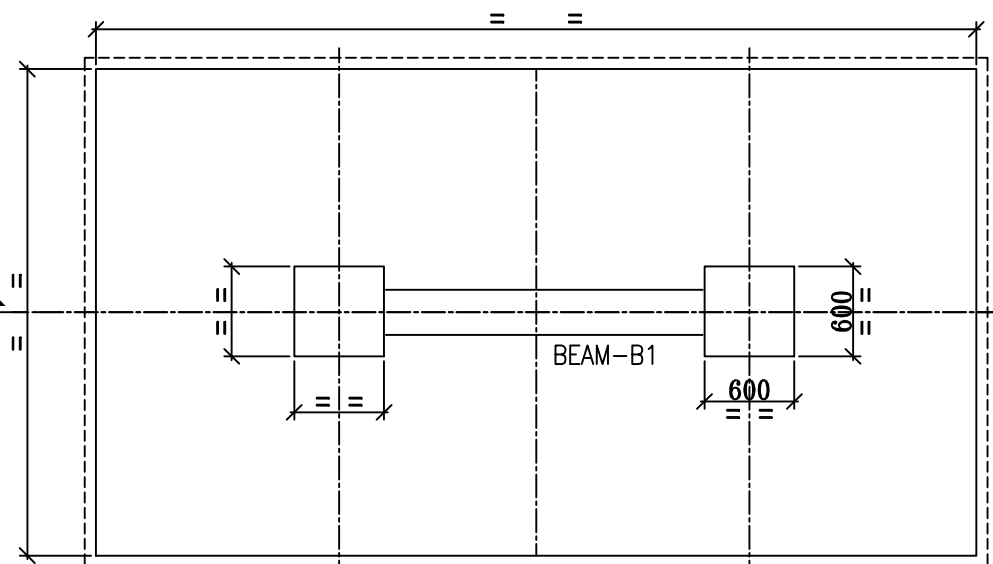
SECTION 3-3
CF3
(REINFORCEMENT DETAILS)



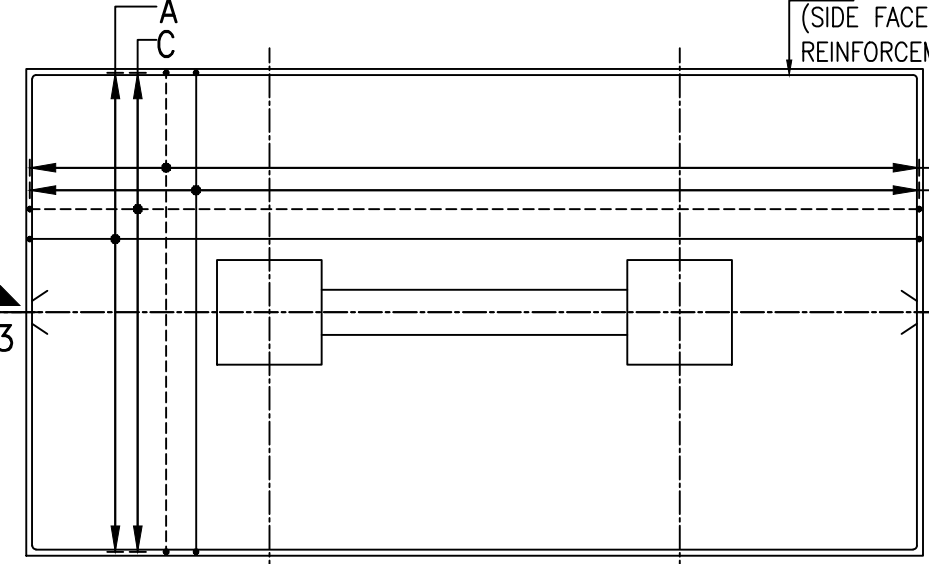
TYPICAL PLAN OF FOOTING-CF1
(NUMERATION DETAILS)



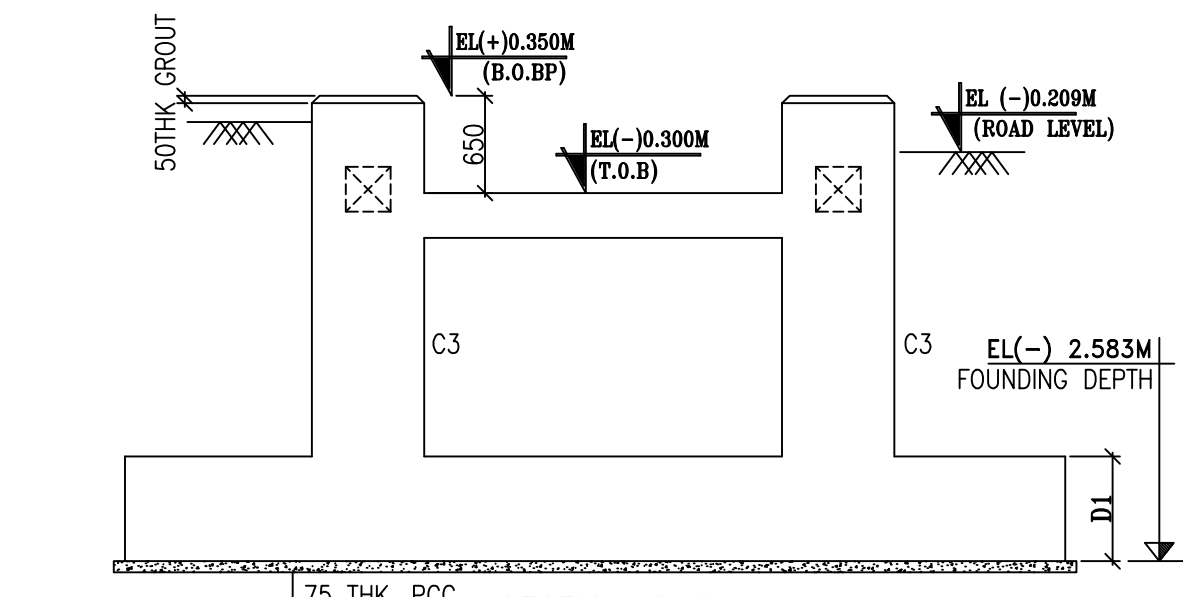
TYPICAL PLAN OF FOOTING-CF1
(REINFORCEMENT DETAILS)



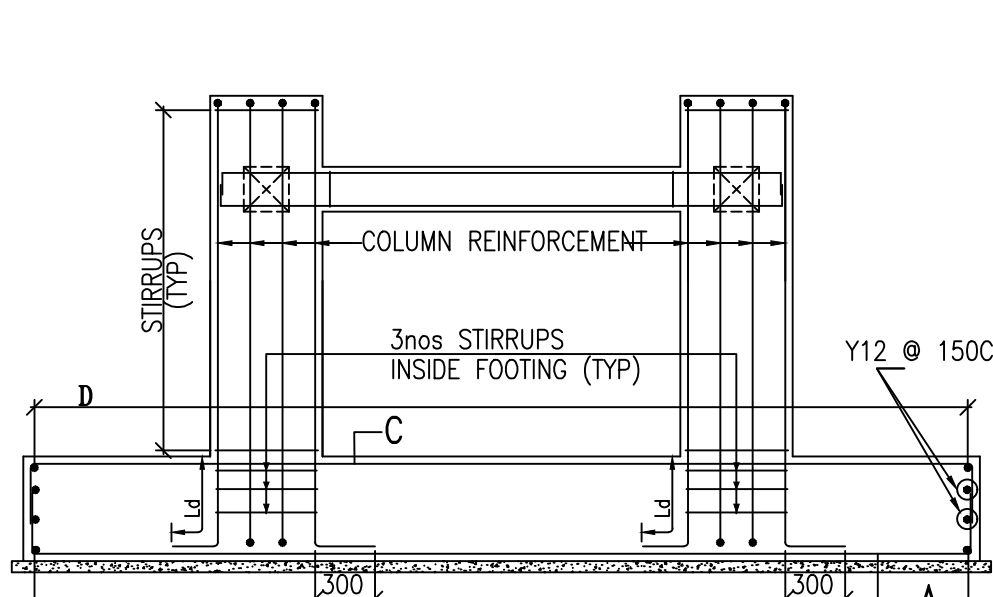
TYPICAL PLAN OF FOOTING-CF3
(NUMERATION DETAILS)



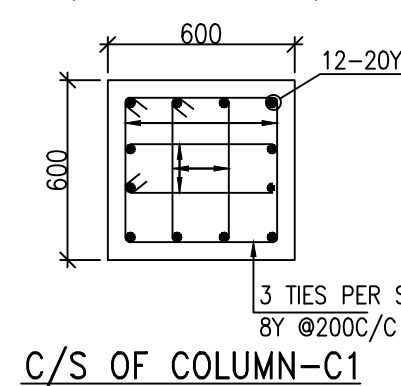
TYPICAL PLAN OF FOOTING-CF3
(REINFORCEMENT DETAILS)



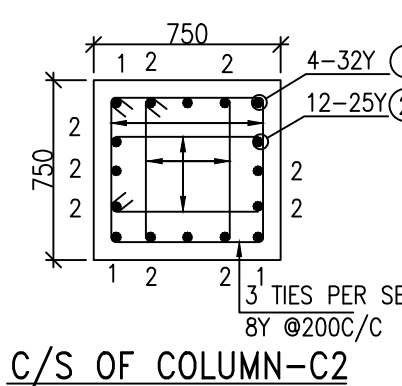
SECTION 2-2
CF2
(NUMERATION DETAILS)



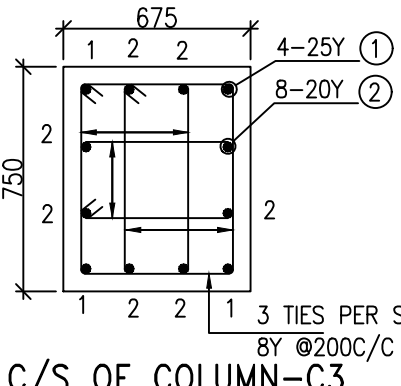
SECTION 2-2
CF2
(REINFORCEMENT DETAILS)



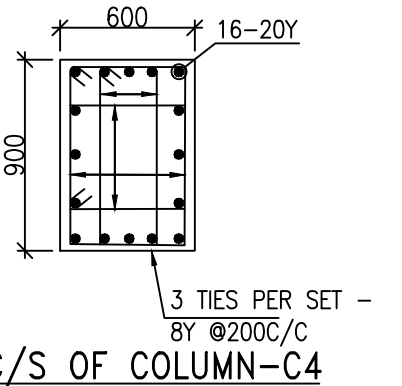
C/S OF COLUMN-C1



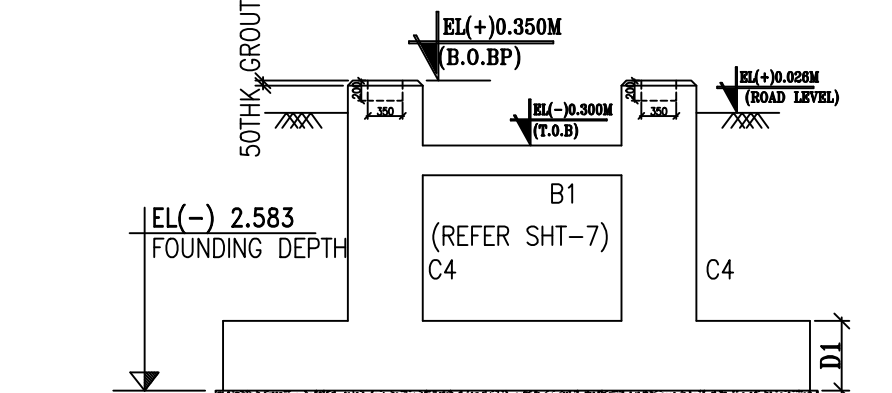
C/S OF COLUMN-C2



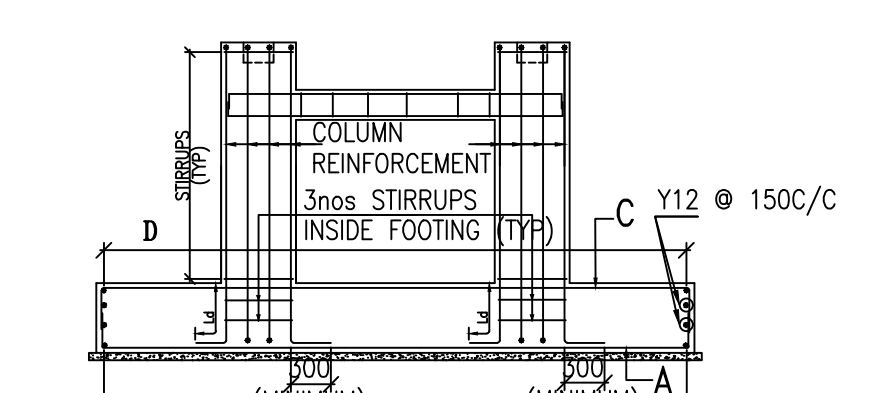
C/S OF COLUMN-C3



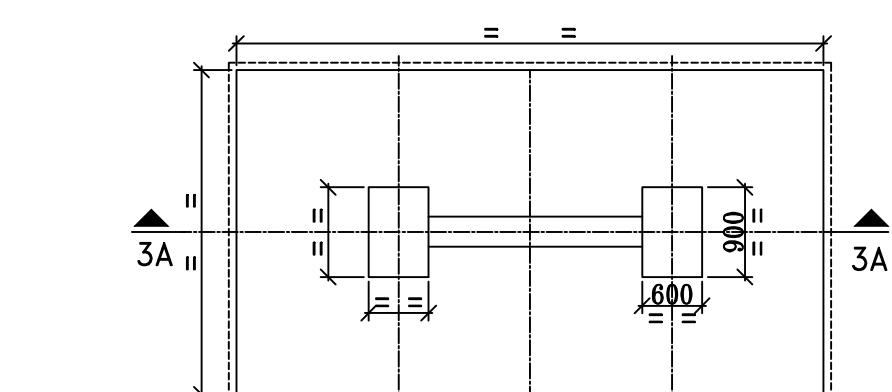
C/S OF COLUMN-C4



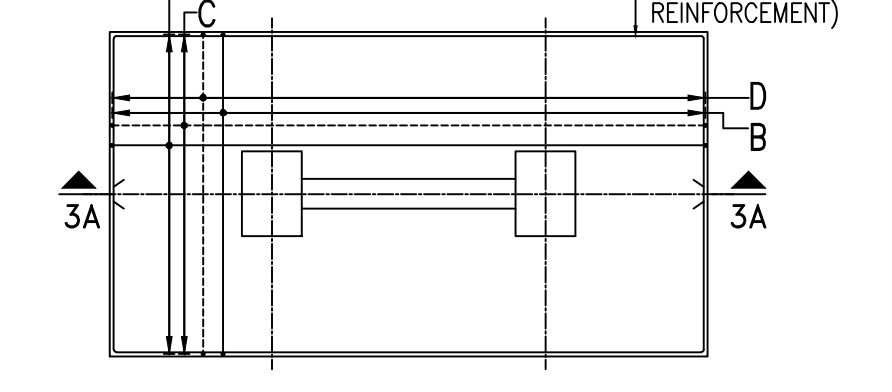
SECTION 3A-3A
CF4



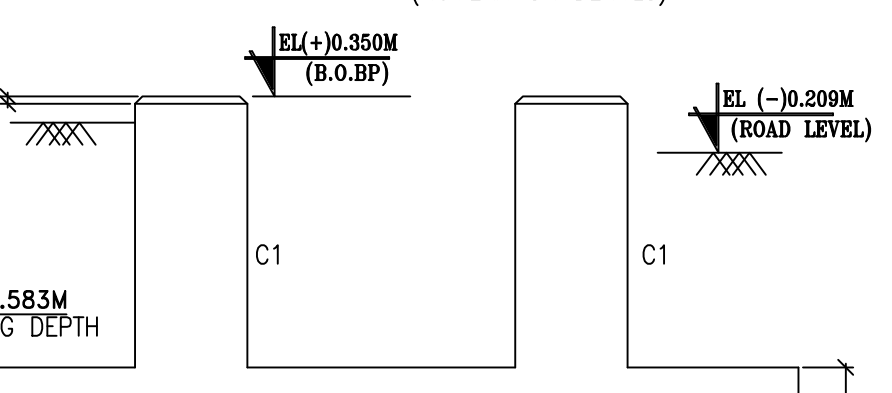
SECTION 3A-3A
CF4



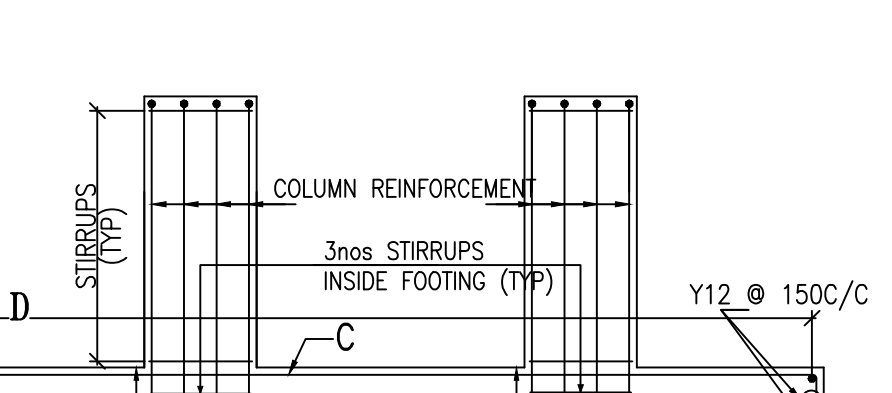
TYPICAL PLAN OF FOOTING-CF4
(NUMERATION DETAILS)



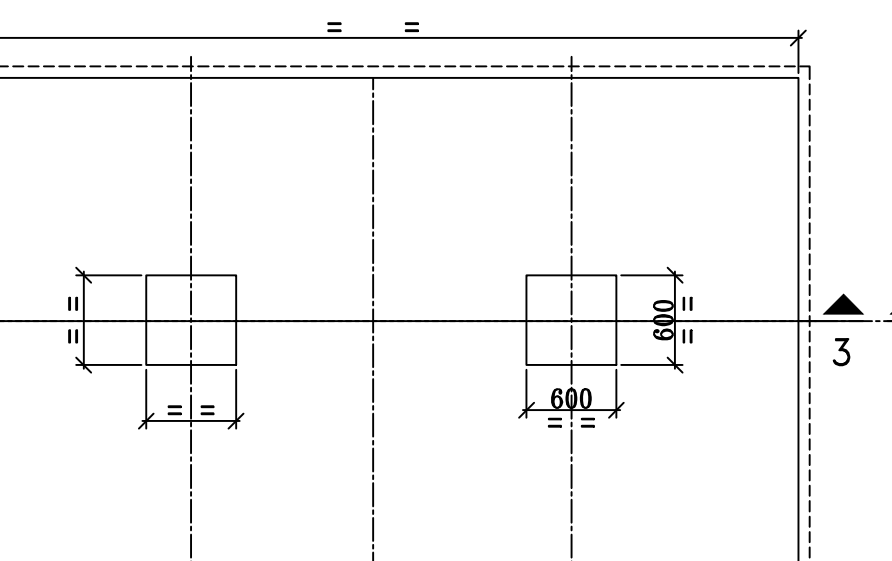
TYPICAL PLAN OF FOOTING-CF4
(REINFORCEMENT DETAILS)



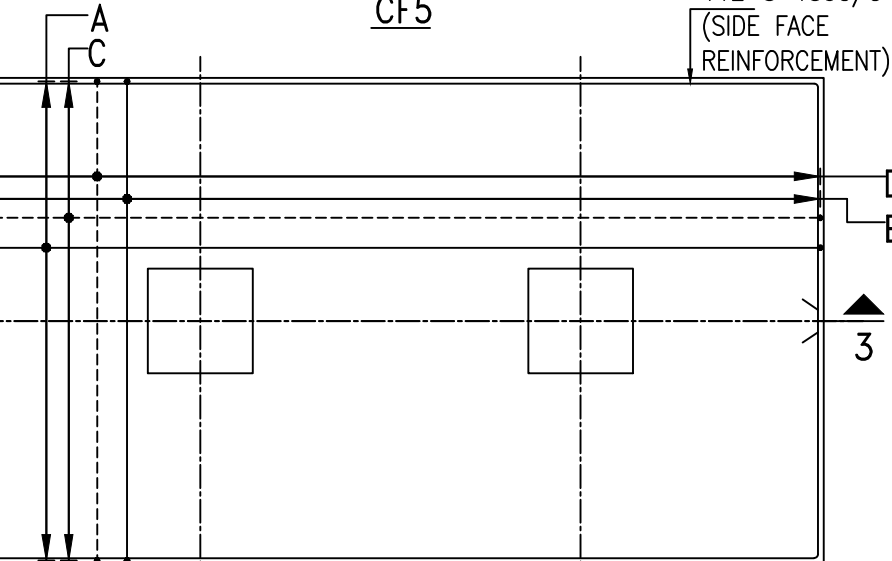
SECTION 3-3
CF5



SECTION 3-3
CF5



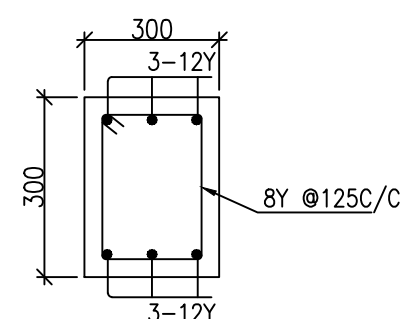
TYPICAL PLAN OF FOOTING-CF3A
(NUMERATION DETAILS)



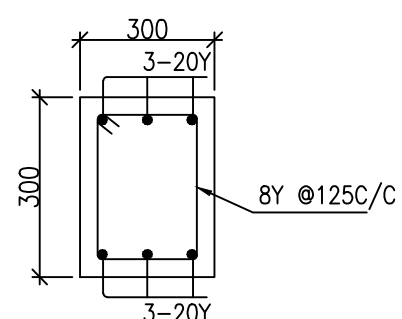
TYPICAL PLAN OF FOOTING-CF3A
(REINFORCEMENT DETAILS)

SCHEDULE OF FOOTINGS										
SL. NO.	FOOTING MKD	LENGTH	WIDTH	DEPTH 'D1'	FOUNDING DEPTH FROM GL	NO. OF FOOTING	BOTTOM REINFORCEMENT		TOP REINFORCEMENT	
							'A'	'B'	'C'	'D'
1	CF1	4400	2700	450	2.400M	06	12Y@150 C/C	12Y@150 C/C	12Y@150 C/C	12Y@150 C/C
2	CF2	10650	5770	1000	2.400M	02	16Y@150 C/C	16Y@150 C/C	16Y@150 C/C	16Y@150 C/C
3	CF3/CF3A	4000	1300	450	2.400M	08	12Y@150 C/C	12Y@150 C/C	12Y@150 C/C	12Y@150 C/C
4	CF4	4500	2500	550	2.400M	02	12Y@150 C/C	12Y@150 C/C	12Y@150 C/C	12Y@150 C/C
5	CF5	5000	2000	650	2.400M	01	25Y@150 C/C	25Y@150 C/C	25Y@150 C/C	25Y@150 C/C

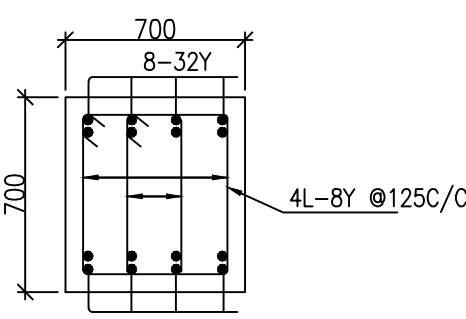
SCHEDULE OF COLUMNS				
SL. NO.	FOOTING MKD	LENGTH	WIDTH	NO. OF COLUMNS
1	C1	600	600	32
2	C2	750	750	02
3	C3	750	675	12
4	C4	900	600	04



C/S OF BEAM-B1



C/S OF BEAM-B2



C/S OF BEAM-B3

LEGEND:

- RL --- R.L. RISER
- EQ. --- EQUAL
- B.O.B.P --- BOTTOM OF BASE PLATE
- TOS --- TOP OF STEEL
- TYP --- TYPICAL

NOTES:

- ALL DIMENSIONS ARE IN MM. & LEVELS ARE IN MTR. UNO
- GRADE OF CONCRETE : M30 COVER TO REINFORCEMENT :75
- >COLUMN : M30 >FOOTING EARTH SIDE :75
- >FOOTING : M30 >FOOTING NON EARTH SIDE :45
- >PLINTH BEAMS : M30 >PLINTH BEAMS :40
- >R.C.C WALL : M30 >R.C.C WALL SIDE :30
- >GRADE OF STEEL: Fe 500 (Reinforcement)
- >GRADE OF STRUCTURAL STEEL: 310 N/mm²
- >LIFT SUPPORTING STRUCTURAL STEEL MEMBERS: 250N/mm²
- MINIMUM GROSS BASE PRESSURE REQUIRED FOR FOUNDATION IS 150 KN/m² AT 2.4M BELOW GL.
- DRAWINGS SHOULD NOT BE SCALE ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
- THIS DRG. SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS.
- ALL DIMENSION SHOULD BE VERIFIED WITH GA. DRGS.
- ANY DISCREPANCY/ERROR SHOULD BE NOTIFIED TO THE STRUCTURAL ENGINEER BEFORE COMMENCEMENT OF WORK.
- THIS DRG MUST BE READ IN CONJUNCTION WITH OTHER SHEETS OF SAME DRAWING

REV. NO.	DATE	CKD./DATE	DESCRIPTION
0	02.12.24		SUBMITTED FOR APPROVAL

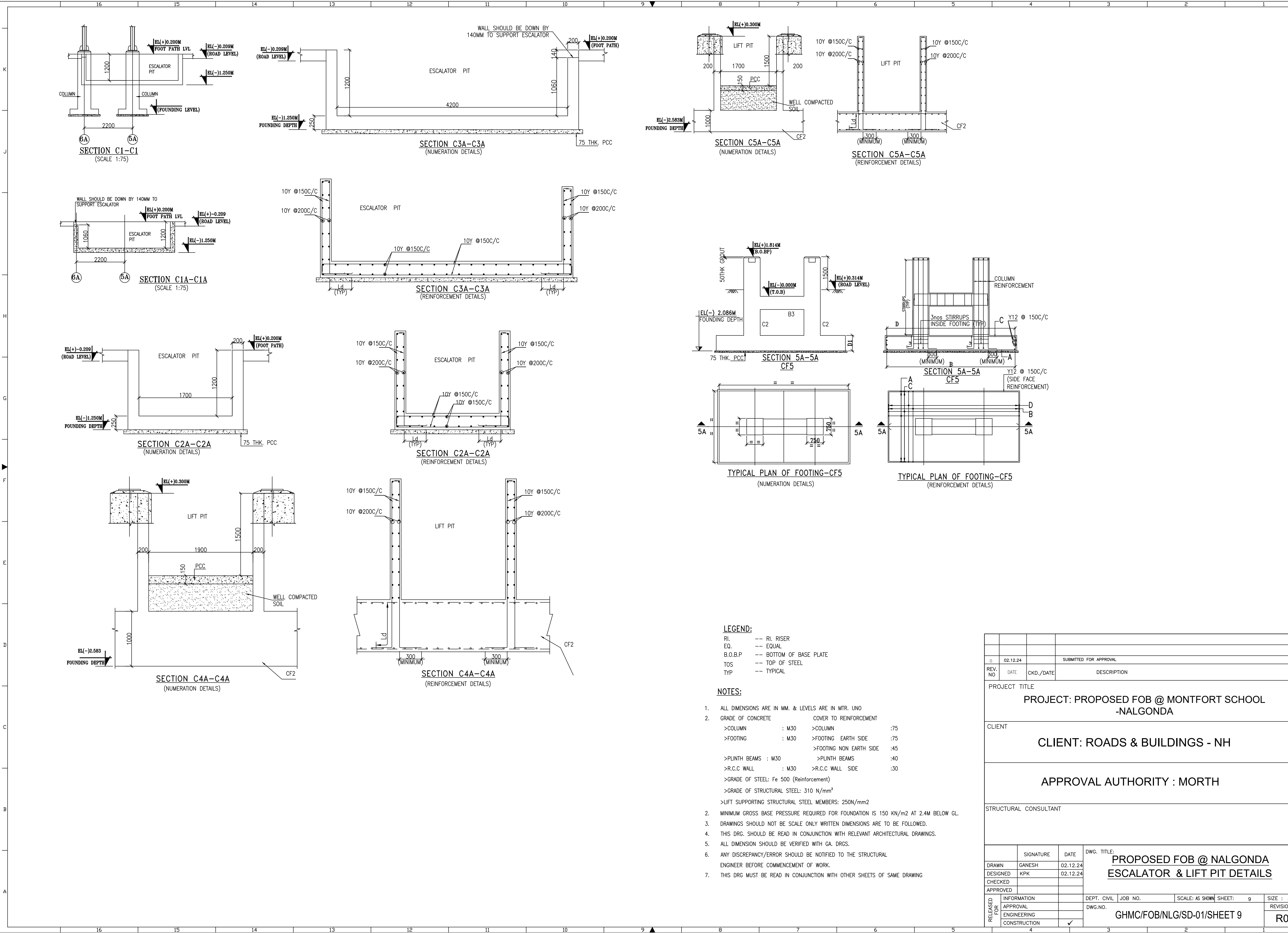
PROJECT TITLE
PROJECT: PROPOSED FOB @ MONTFORT SCHOOL -NALGONDA

CLIENT
CLIENT: ROADS & BUILDINGS - NH

CONTRACTOR
APPROVAL AUTHORITY : MORTH

STRUCTURAL CONSULTANT

SIGNATURE		DATE	DWG. TITLE	
DRAWN		GANESH	02.12.24	
DESIGNED		KPK	02.12.24	
CHECKED				
APPROVED				
RELEASED FOR				
INFORMATION				
APPROVAL				
ENGINEERING				
CONSTRUCTION				
DEPT. CIVIL		JOB NO.	SCALE: AS SHOWN SHEET: 8	
DWG.NO.			GHMC/FOB/NLG/SD-01/SHEET 8	
			REVISION	
			R0	



LEGEND:

- RL --- RL RISER
- EQ. --- EQUAL
- B.O.B.P --- BOTTOM OF BASE PLATE
- TOS --- TOP OF STEEL
- TYP --- TYPICAL

NOTES:

- ALL DIMENSIONS ARE IN MM. & LEVELS ARE IN MTR. UNO
- GRADE OF CONCRETE COVER TO REINFORCEMENT
 - >COLUMN : M30 >COLUMN :75
 - >FOOTING : M30 >FOOTING EARTH SIDE :75
 - >FOOTING NON EARTH SIDE :45
 - >PLINTH BEAMS : M30 >PLINTH BEAMS :40
 - >R.C.C WALL : M30 >R.C.C WALL SIDE :30
 - >GRADE OF STEEL: Fe 500 (Reinforcement)
 - >GRADE OF STRUCTURAL STEEL: 310 N/mm²
 - >LIFT SUPPORTING STRUCTURAL STEEL MEMBERS: 250N/mm²
- MINIMUM GROSS BASE PRESSURE REQUIRED FOR FOUNDATION IS 150 KN/m² AT 2.4M BELOW GL.
- DRAWINGS SHOULD NOT BE SCALE ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
- THIS DRG. SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS.
- ALL DIMENSION SHOULD BE VERIFIED WITH GA. DRGS.
- ANY DISCREPANCY/ERROR SHOULD BE NOTIFIED TO THE STRUCTURAL ENGINEER BEFORE COMMENCEMENT OF WORK.
- THIS DRG MUST BE READ IN CONJUNCTION WITH OTHER SHEETS OF SAME DRAWING

0	02.12.24		SUBMITTED FOR APPROVAL												
REV. NO	DATE	CKD./DATE	DESCRIPTION												
PROJECT TITLE															
PROJECT: PROPOSED FOB @ MONTFORT SCHOOL -NALGONDA															
CLIENT															
CLIENT: ROADS & BUILDINGS - NH															
APPROVAL AUTHORITY : MORTH															
STRUCTURAL CONSULTANT															
		SIGNATURE		DATE		DWG. TITLE:									
DRAWN		GANESH		02.12.24		PROPOSED FOB @ NALGONDA									
DESIGNED		KPK		02.12.24		ESCALATOR & LIFT PIT DETAILS									
CHECKED															
APPROVED															
RELEASED FOR	INFORMATION					DEPT. CIVIL		JOB NO.		SCALE: AS SHOWN		SHEET: 9		SIZE :	
	APPROVAL					DWG.NO.								REVISION	
	ENGINEERING													RO	
	CONSTRUCTION			✓											
		4				3				2				1	