

CORRIGENDUM-2 TO TENDER SPECIFICATION BHEL: PSSR: SCT: 1841

Sub: Civil Works of TG, Fan foundations, CW encasing & other miscellaneous Foundations of Units 1, 2, 3, 4 & 5 at 5x800 MW Yadadri Thermal Power Plant, Veerlapalem Village, Dameracherla Mandal, Nalgonda District, Telangana State

1. The following clauses in NOTICE INVITING TENDER, Clause No. 1.0, "Salient Features of NIT" are revised as below: -

Description	As Per Tender	Revised as
Sl. No. v) Due Date & Time of Offer Submission	09.07.2019, 15.00 HRS	19.07.2019, 15.00 HRS
Sl. No. vi) Opening of Tender	09.07.2019, 15.30 HRS	19.07.2019, 15.30 HRS

2. Some of the bidders sought clarifications in regard to TENDER SPECIFICATION BHEL PSSR SCT 1841 and BHEL's clarifications are furnished below.

Sl. No	Clause Reference	Existing Clause	Query	BHEL Reply
1.	Drawings	-	Requesting you to issue us TG Foundation drawings to quote our competitive price for the above mentioned tender.	Bidder to refer enclosed the TG Civil Drawings of 5x800MW Yadadri STPP. The enclosed drawings are liable for variation during actual execution at site and may be referred for tender purpose only.

NOTE:

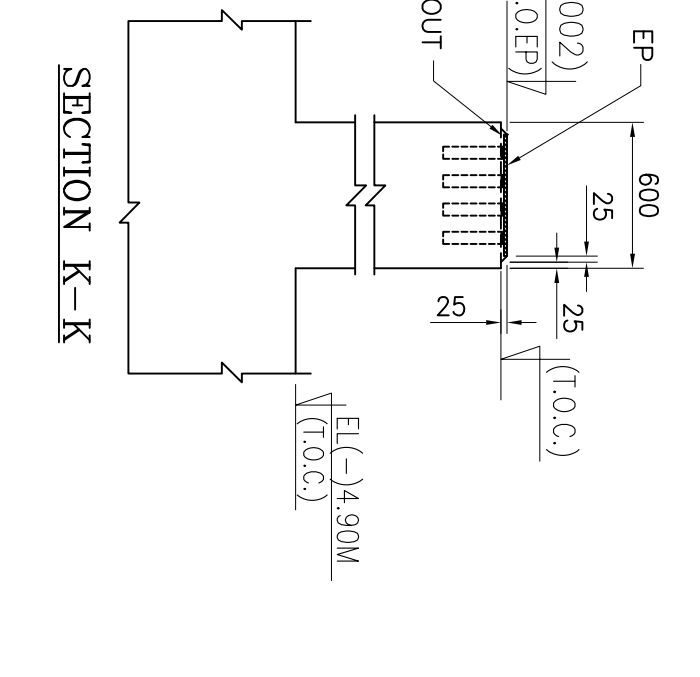
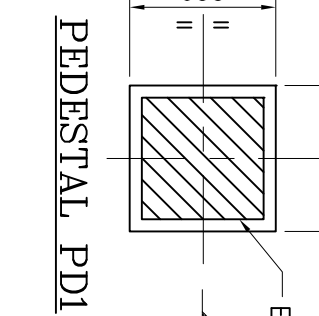
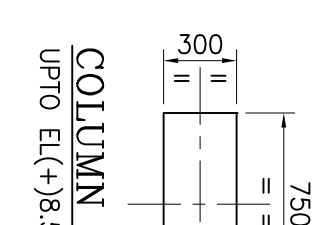
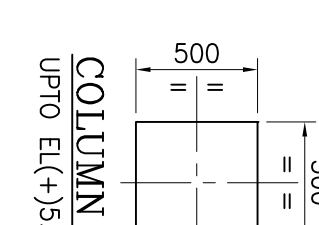
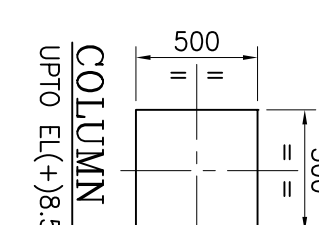
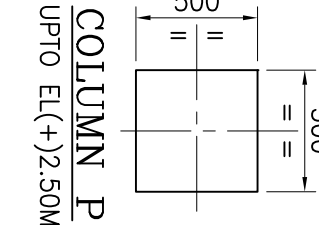
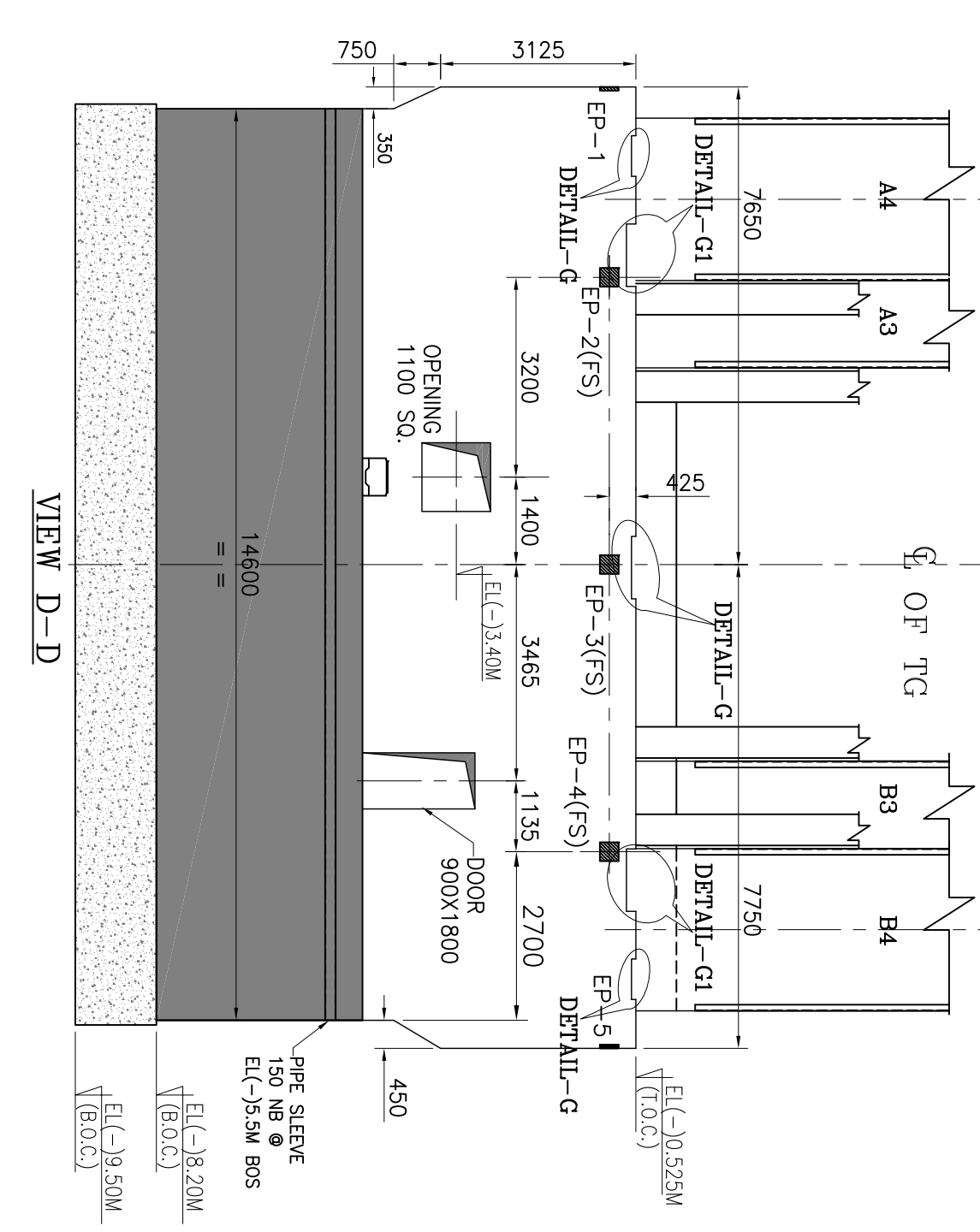
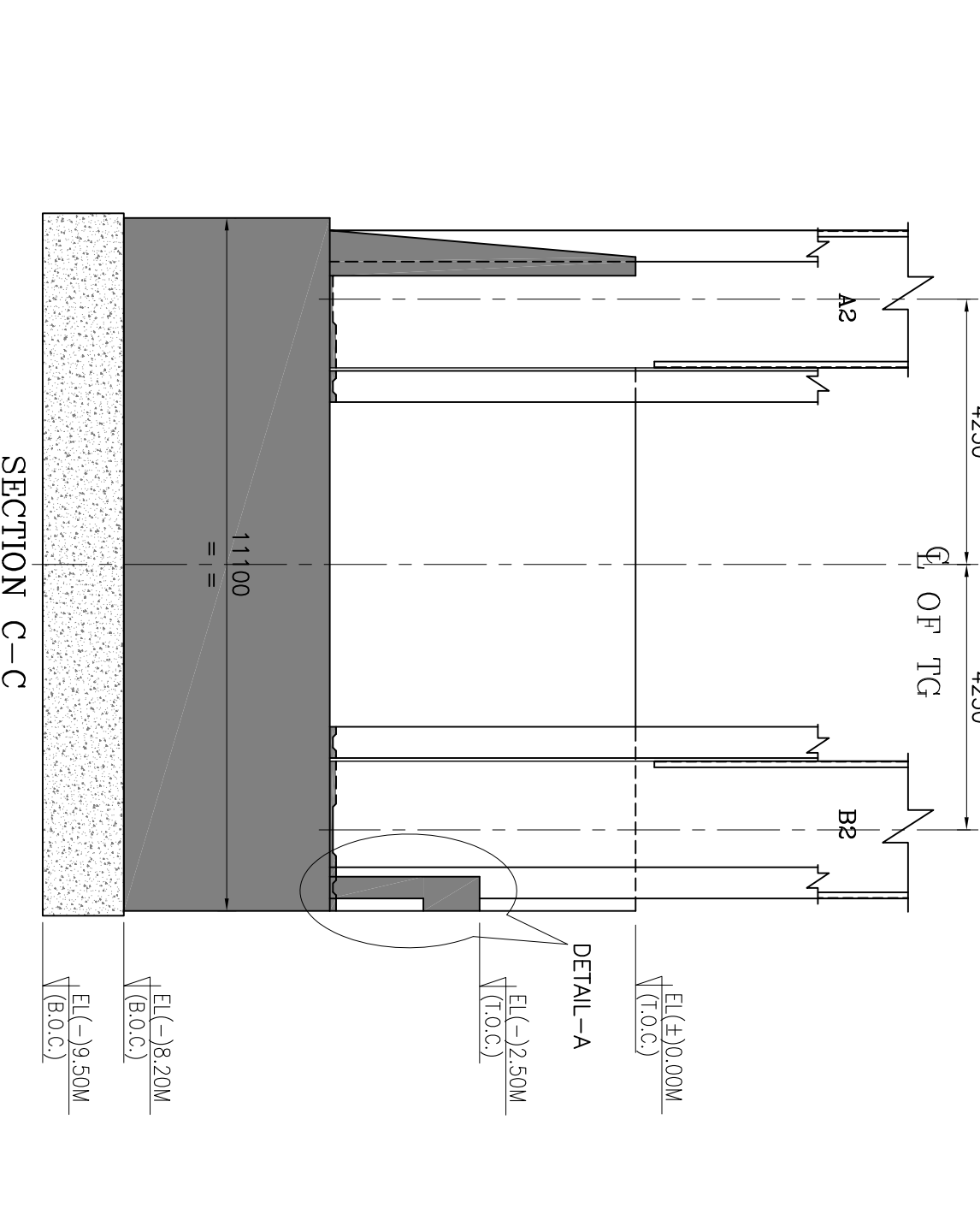
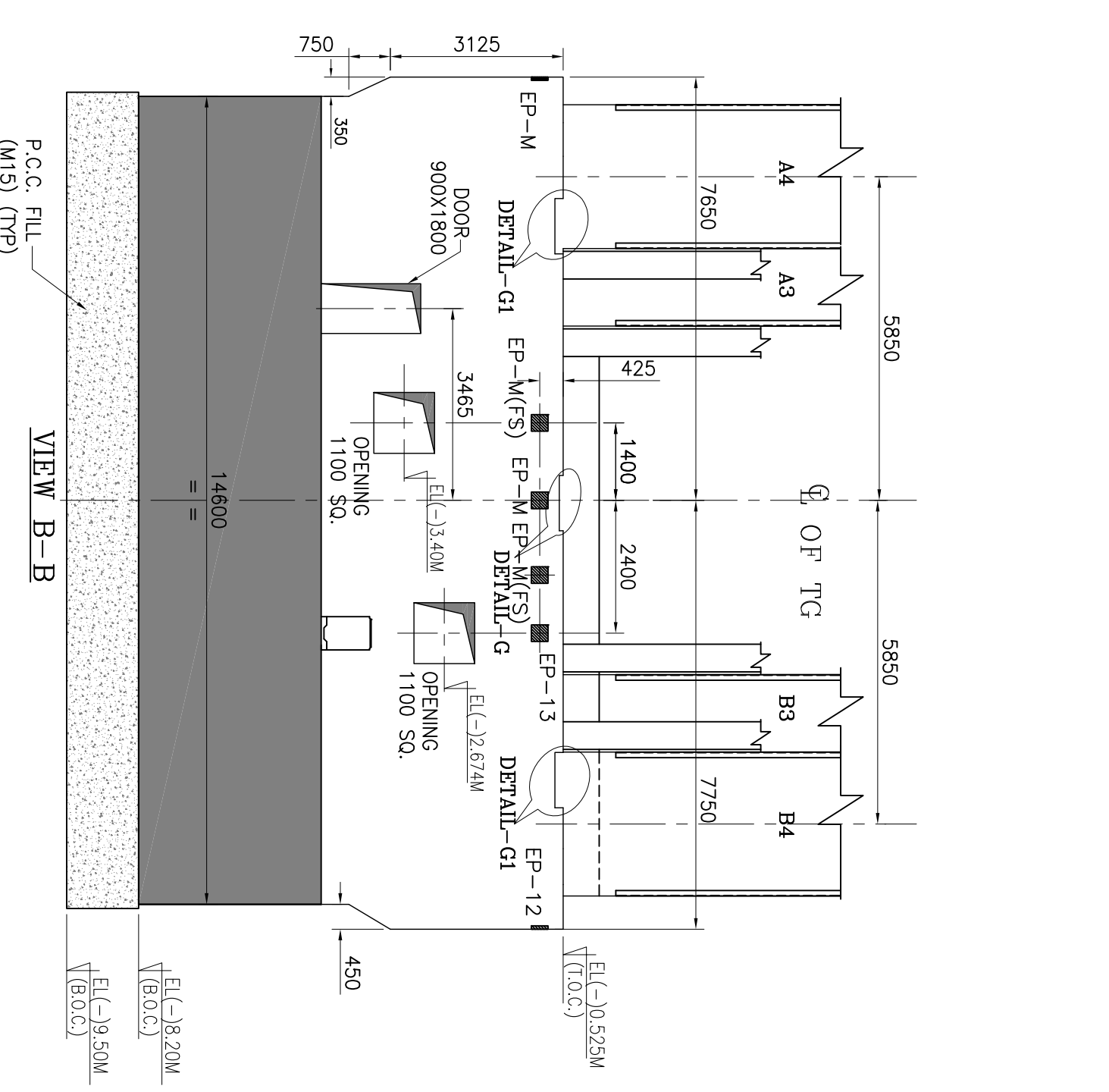
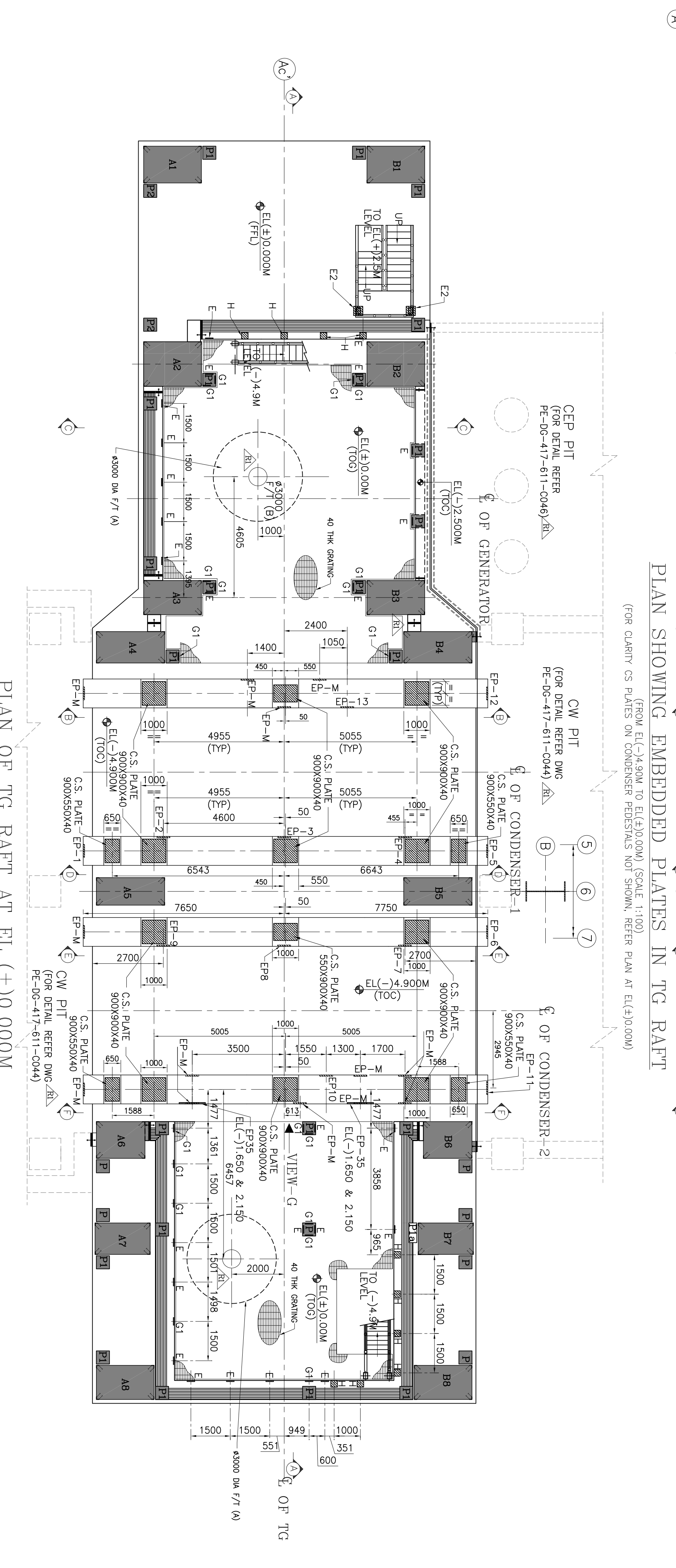
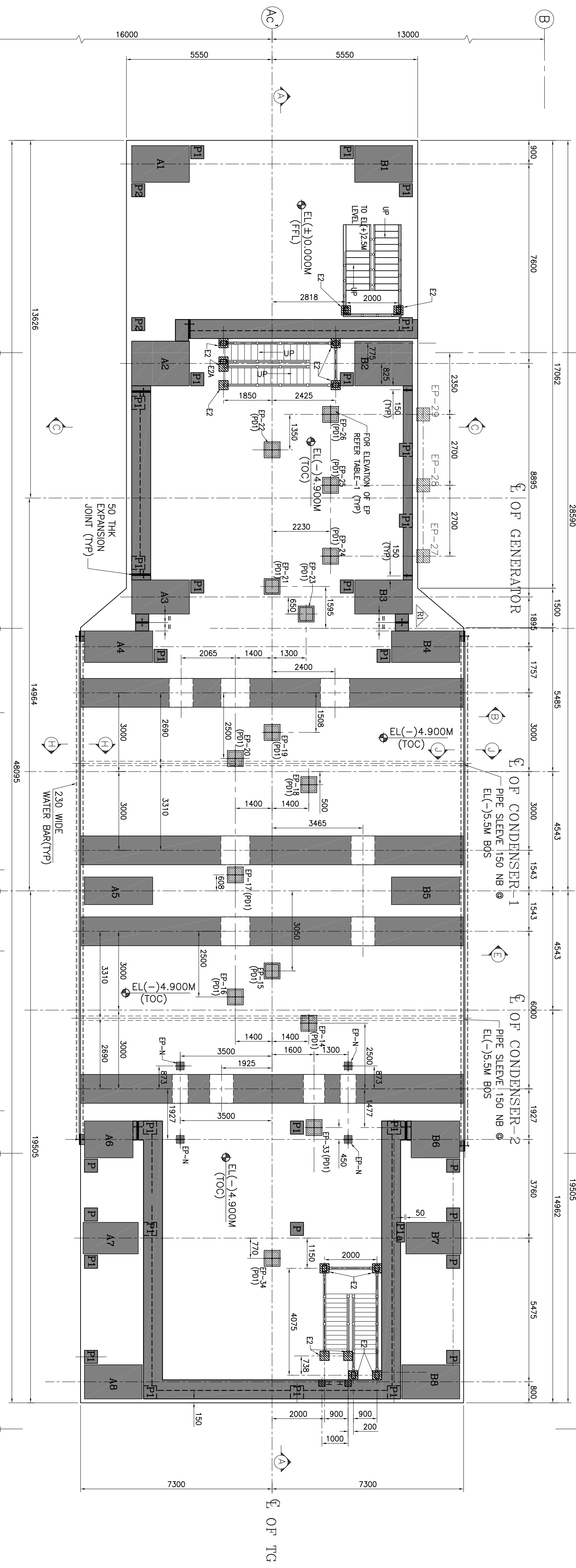
- ALL OTHER CONDITIONS REMAIN UNCHANGED.
- BIDDERS ARE REQUESTED TO CONSIDER THIS CORRIGENDUM AS PART OF TENDER SPECIFICATION AND QUOTE ACCORDINGLY.

CORRIGENDUM-2 TO TENDER SPECIFICATION BHEL: PSSR: SCT: 1841**Encl:-**

1. Drg. No. PE-DG-417-613-C001-R01, TG FDN- GA OF SUB STRUCTURE RAFT U-1 : 1 page
2. Drg. No. PE-DG-417-613-C002-R01, TG FDN- GA OF SUB STRUCTURE RAFT SECTION U-1 : 1 page
3. Drg. No. PE-DG-417-613-C003-R01, TG FDN- RC DETAILS OF SUB STRUCTURE UPTO ($\pm$) 0.0 M, U-1: 1 page
4. Drg. No. PE-DG-417-613-C004-R01, TG FDN- GA OF DECK: TOP PLAN : 1 page
5. Drg. No. PE-DG-417-613-C005-R01, TG FDN- GA OF DECK: BOTTOM PLAN : 1 page
6. Drg. No. PE-DG-417-613-C006-R00, TG FDN- GA OF DECK: DETAILS OF SECTIONS : 1 page
7. Drg. No. PE-DG-417-613-C038-R01, TG DECK- REINFORCEMENT DETAILS (LONGITUDIANL BEAM-9-) (PART 4 OF 6) : 1 page
8. Drg. No. PE-DG-417-613-C041-R01, TG FDN- GA OF SUB STRUCTURE RAFT U-2 : 1 page
9. Drg. No. PE-DG-417-613-C042-R01, TG FDN- GA OF SUB STRUCTURE RAFT SECTION U-2 : 1 page
10. Drg. No. PE-DG-417-613-C043-R01, TG FDN- RC DETAILS OF SUB STRUCTURE UPTO ($\pm$) 0.0 M, U-2: 1 page
11. Drg. No. PE-DG-417-613-C044-R01, TG FDN- GA OF SUB STRUCTURE RAFT U-3 : 1 page
12. Drg. No. PE-DG-417-613-C045-R01, TG FDN- GA OF SUB STRUCTURE RAFT SECTION U-3 : 1 page
13. Drg. No. PE-DG-417-613-C046-R01, TG FDN- RC DETAILS OF SUB STRUCTURE UPTO ($\pm$) 0.0 M, U-3: 1 page
14. Drg. No. PE-DG-417-613-C047-R01, TG FDN- GA OF SUB STRUCTURE RAFT U-4 : 1 page
15. Drg. No. PE-DG-417-613-C048-R01, TG FDN- GA OF SUB STRUCTURE RAFT SECTION U-4 : 1 page
16. Drg. No. PE-DG-417-613-C049-R01, TG FDN- RC DETAILS OF SUB STRUCTURE UPTO ($\pm$) 0.0 M, U-4: 1 page
17. Drg. No. PE-DG-417-613-C050-R01, TG FDN- GA OF SUB STRUCTURE RAFT U-5 : 1 page
18. Drg. No. PE-DG-417-613-C051-R01, TG FDN- GA OF SUB STRUCTURE RAFT SECTION U-5 : 1 page
19. Drg. No. PE-DG-417-613-C052-R01, TG FDN- RC DETAILS OF SUB STRUCTURE UPTO ($\pm$) 0.0 M, U-5: 1 page

-sd-

Asha Alex
DGM / SCT

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READ THIS DRAWING IN CONJUNCTION WITH PE-00-47-613-002.	BR22 - PROJECT ENGINEERING MANAGEMENT (PJM) THIS DRAWING (MARKED ✓) IS RELEASED FOR ✓ COMMENTS/REVISION	
	PLANNING	☐ FABRICATION ☐ INSTALLATION ☐ CONSTRUCTION
SHAPED ALL PREVIOUS REVISION AS SUPERSEDED		
DESIGNED BY		
NAME	SACHIN JAIN	
SIGNATURE	-S-	
DATE	20/11/2018	

TOC - TOP OF CONCRETE
 BOC - BOTTOM OF CONCRETE
 C.J. - CONSTRUCTION JOINT
 TP - TYPICAL
 P/P1/P2 - AUXILIARY COLUMN
 P01/P02 - PEDESTAL FOR EP
 C - CENTERLINE
 - EPs & PEDESTAL OF EPs
 EP - EMBEDDED PLATE

CONSTRUCTION DRGS.

REFERENCE	DRGS
ENGINEERING	DRGS
1	PE-05-417-100-1001 - PLOT PLAN
2	PE-05-417-100-1003 - MAIN EQUIPMENT PLANT LAYOUT
3	RE-05-417-100-1003 - TO ALL EQUIPMENT LAYOUT PLAN AT E.L. (2) 0.00M
4	0-1100-48155 (SH-1) - FOUNDATION PLAN - TYPE NEW, SECTIONS A-A,
5	0-1100-48152 (SH-2) - FOUNDATION PLAN - TYPE NEW, SECTIONS.
6	0-1100-48151 - FOUNDATION PLAN - SECTIONS
7	0-1100-48154 - FOUNDATION PLAN - OVERVIEW CONCRETE TOPPING
8	0-1100-48155 - LIST OF TO DECK OVERLAYS
9	01620-00000-00000 - CEMENTATION DETAIL IN CONCRETE STRUCTURE
10	PE-05-417-671-011-0044 - PLAN BLOS, GA, & R/C DETAILS OF CAP PI-UNIT-1 & 2
11	PE-05-417-671-011-0046 - PLAN BLOS, GA, & R/C DETAILS OF CAP PI-UNIT-1 & 2
12	PE-05-417-671-0061 & 0062 - TO PLAN - DETAILS OF TO PLANTING

14. POURING OF PLATE OF REINFORCED CONCRETE ANGLES, REFER SEPARATE DRAWING.
15. POURING OF PLATE OF REINFORCED CONCRETE ANGLES, REFER SEPARATE DRAWING.
16. FOR EARTHING (BIRD ARRANGEMENT) - RESISTE ELECTRICAL, TWO (2) 0.00-411 - 609-000.
17. FOR INSERT PLATE LOCATION REFER RESISTE MECHANICAL DRAWING (IN REFERENCE DRAWING).
18. IF TIGHT REINFORCEMENT SHALL BE CAST IN SINGLE POLE, NO JOINTS ARE ALLOWED.
19. COUSING OF TO LAM SHALL COMMENCE ONLY AFTER EARTHING CONDUCTORS, ELECTRICAL COUSING AND LAM EARTHING CONDUCTOR, DRAWING.
20. THE TEMPERATURE SHALL BE MONITORED BY THE THERMISTOR, REFER DRAWING.
21. TO TEST AT POLE BY USE OF ICE.

[illegible]

NOTES

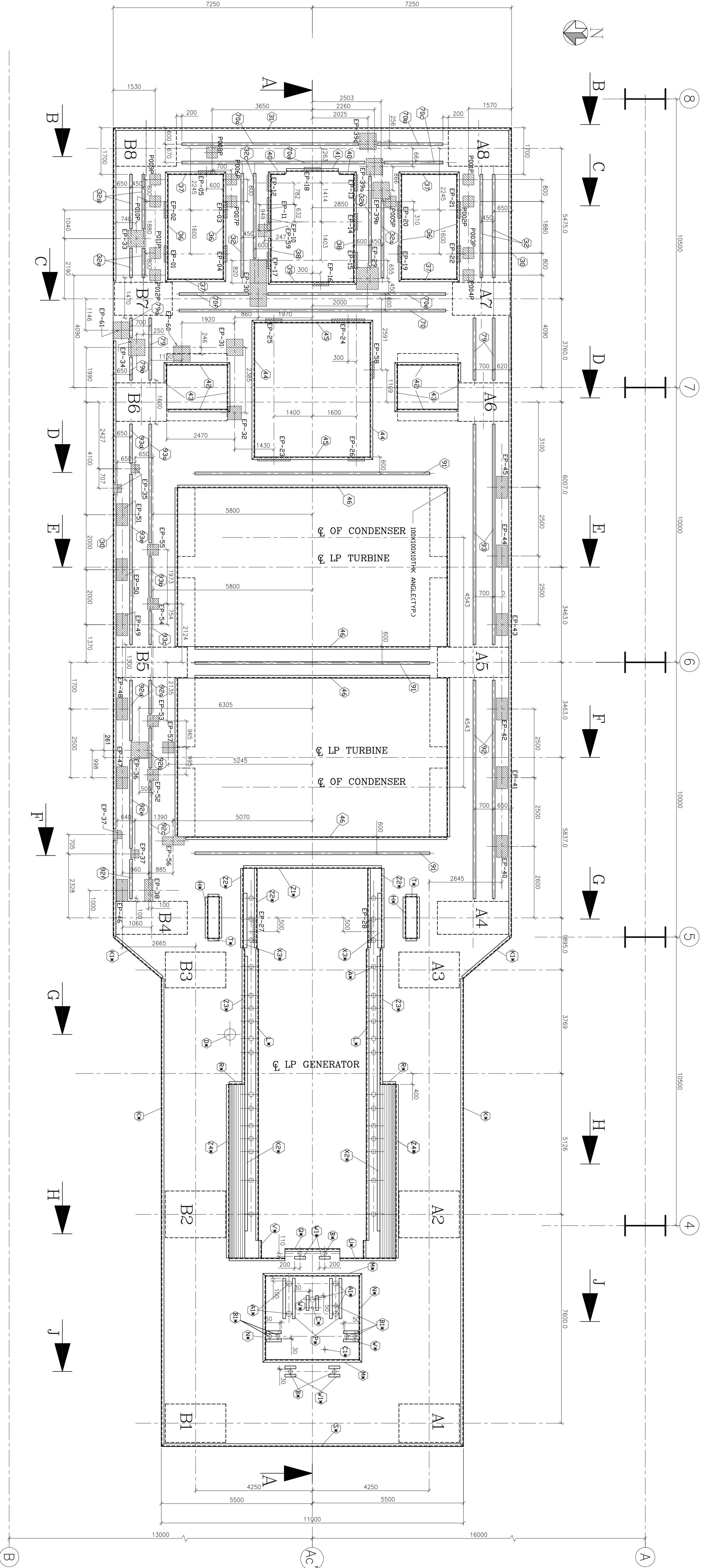
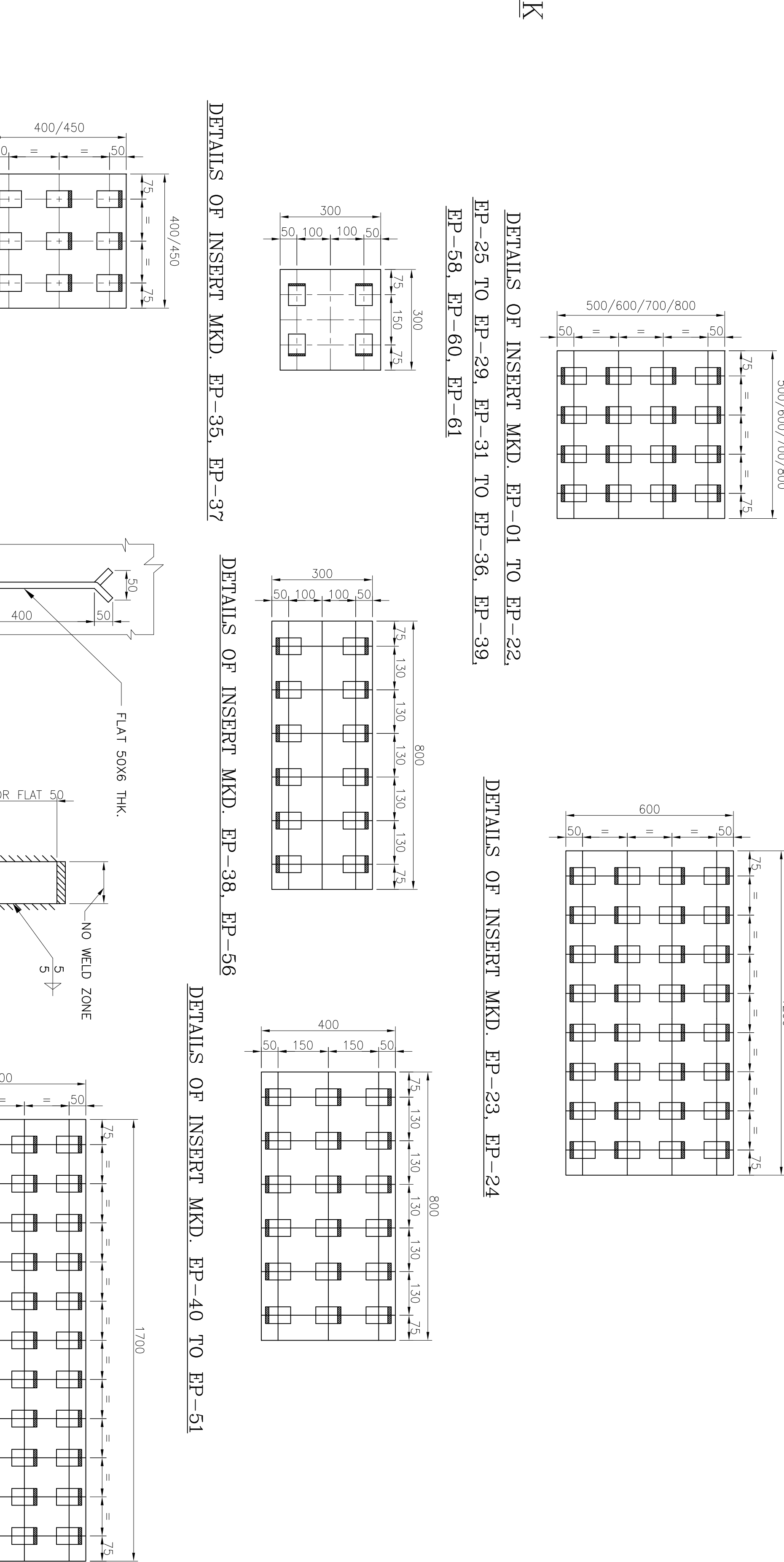
KEY PLAN

Architectural floor plan of the 1st floor of the 'Khan Shams' building. The plan shows a rectangular layout with a central corridor and three rooms labeled 'OF GENERATOR', 'OF CONDENSER-1', and 'OF CONDENSER-2'. The corridor is 13000 mm wide, and the rooms are 16000 mm wide. The total width is 29000 mm. The total length is 12000 mm. A north arrow is located in the top right corner. The plan is labeled 'A' on the left and 'B' on the right. The scale is 1:100.

TABLE-1
DETAILS OF EMBEDDED PLATES IN TG DECK

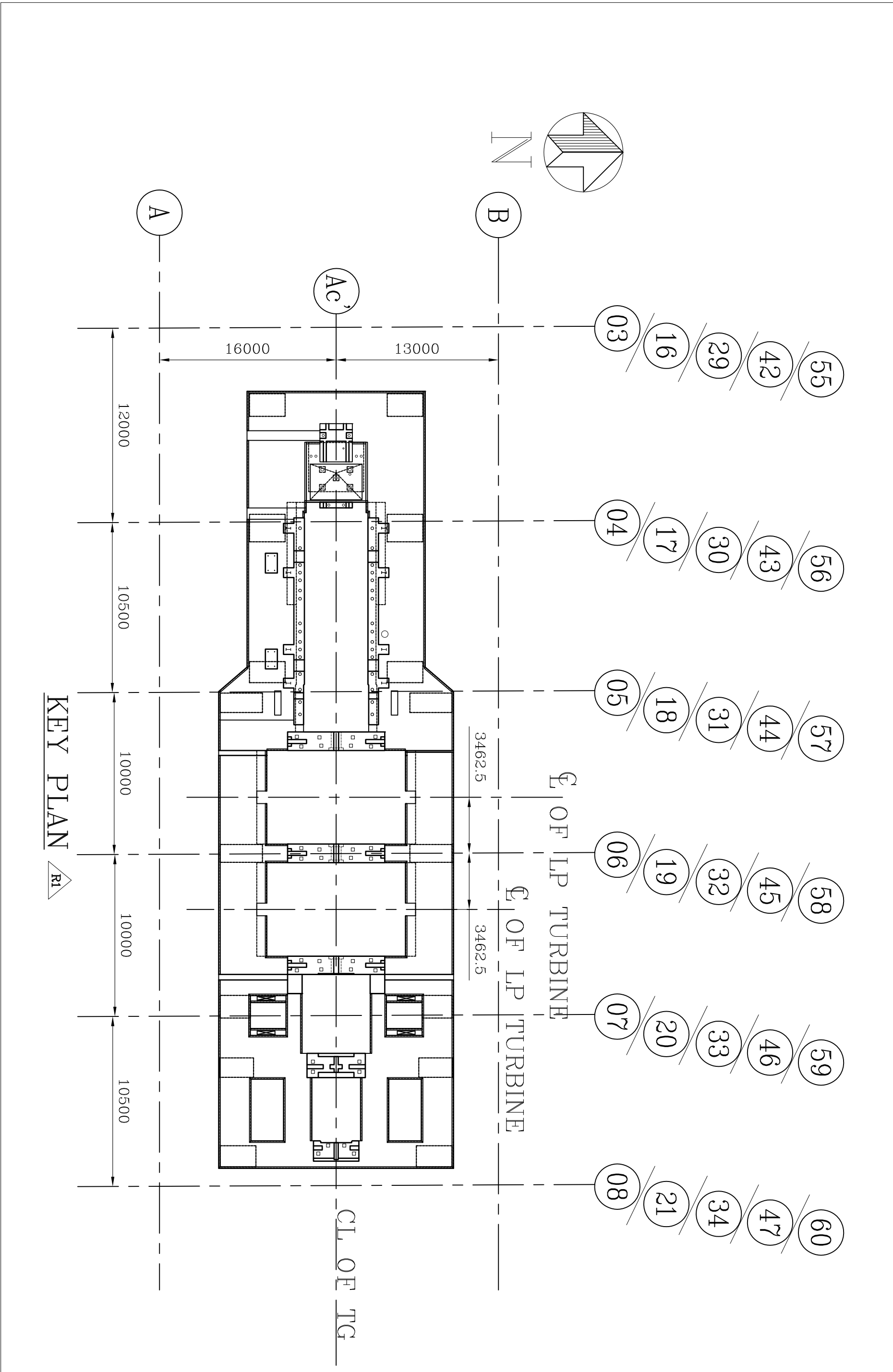
S.NO.	EP No.	EP ELEVATION (M)	EP SIZE (mm)
1.	EP-01,EP-02, EP-03,EP-04	TOP OF EP AT EL(+1)5.75M	600X600
2.	EP-05	TOP OF EP AT EL(+1)4.20M	600X600
3.	EP-06,EP-07	TOP OF DECK	600X600
4.	EP-08,EP-09	TOP OF DECK	700X700
5.	EP-10,EP-12, EP-13,EP-14	TOP OF EP AT EL(+1)4.50M	600X600
6.	EP-11	TOP OF EP AT EL(+1)4.10M	500X500
7.	EP-15	TOP OF EP AT EL(+1)4.20M	600X600
8.	EP-16	TOP OF EP AT EL(+1)4.50M	600X600
9.	EP-17	TOP OF EP AT EL(+1)4.20M	600X600
10.	EP-18	TOP OF EP AT EL(+1)4.50M	600X600
11.	EP-19,EP-20, EP-21,EP-22	TOP OF EP AT EL(+1)5.75M	600X600
12.	EP-23,EP-24	TOP OF EP AT EL(+1)5.25M	1200X600
13.	EP-25,EP-26	TOP OF EP AT EL(+1)5.25M	600X600
14.	EP-27,EP-28	TOP OF EP AT EL(+1)5.65M	800X800
15.	EP-29	BOTTOM OF DECK	800X800
16.	EP-30	BOTTOM OF DECK	1700X600
17.	EP-31	BOTTOM OF DECK	600X600
18.	EP-32	BOTTOM OF DECK	500X500
19.	EP-33	BOTTOM OF DECK	600X600
20.	EP-34	BOTTOM OF DECK	600X600
21.	EP-35	BOTTOM OF DECK	300X300
22.	EP-36	BOTTOM OF DECK	600X600
23.	EP-37	BOTTOM OF DECK	300X300
24.	EP-38	BOTTOM OF DECK	800X300
25.	EP-39,EP-39b, EP-39c	BOTTOM OF DECK	600X600
26.	EP-40,EP-41, EP-42,EP-43, EP-44,EP-45, EP-46,EP-47, EP-48,EP-49, EP-50,EP-51,	BOTTOM OF DECK	800X400
27.	EP-52,EP-53, EP-54,EP-55	BOTTOM OF DECK	400X400
28.	EP-57	BOTTOM OF DECK	400X400
29.	EP-58	TOP OF EP AT EL(+1)4.20M	600X600
30.	EP-59	BOTTOM OF DECK	450X450
31.	EP-60, EP-61	BOTTOM OF DECK	600X600
32.	EP-62 (10 NOS.)	TOP OF DECK	400X400

* THICKNESS OF ALL THE EP PLATES MENTION ABOVE SHALL BE 20mm THK.



BOTTOM PLAN OF DECK AT EL.(+1)3.50
(VIEWED FROM TOP)

- NOTES:-
- (1) WHERESOEVER MATERIAL IS NOT MENTIONED, IT MAY BE TAKEN AS STRUCTURAL STEEL OF COMMERCIAL QUALITY.
 - (2) MATERIAL OF PIPES IS STAINLESS PIPE ASTM A106 GR.B. HOWEVER, ERW PIPES CAN ALSO BE USED.
 - (3) PORTION OF EDGE ANGLE (DETAIL-3) AND FLAT (DETAIL-1) SHOWN IN DRG PE-DG-417-613-C007 INTERFERING WITH EMBEDMENT LISTED UNDER TABLE-1 MAY BE CUT LOCALLY.



B.E.-PROJECT ENGINEERING MANAGEMENT, BHARAT HEAVY ELECTRICALS LTD. (B.H.E.) IS RELIED FOR ALL PLANNING/INFORMATION.	
STAMP ALL PREVIOUS REVISIONS AS SUPERSEDED.	
TIME	SIGNATURE
DATE	DATE

THIS DRG. MUST BE READ IN CONJUNCTION WITH DRG. NO. PE-DG-417-613-C007 TO C007, & C063

CUSTOMER	TELANGANA STATE POWER GENERATION CORPORATION LTD
CONSISTANT	TELANGANA, INDIA
5 x 800 MW YADADRI T.P.S., NALGONDA	
TVA	
PROJECT ENGINEERING MANAGEMENT	
BHARAT HEAVY ELECTRICALS LTD	
POWER SECTOR	
PROJECT ENGINEERING MANAGEMENT	

JOB NO.	417
STATUS	CONTRACT
DISTRIBUTION	

REV.	DATE	ALTD.	CHD.	APPD.	REV.	DATE	ALTD.	CHD.	APPD.
1	12/10/18	505	1	505	1	12/10/18	505	1	505

TITLE	GA OF DECK - 1, BOTTOM PLAN
SCALE	1:1
SIGN	
DATE	
REV.	
DATE	

(EMBEDDED PLATE NOT MENTIONED FOR CLARITY)

③ ② ①

[illegible]

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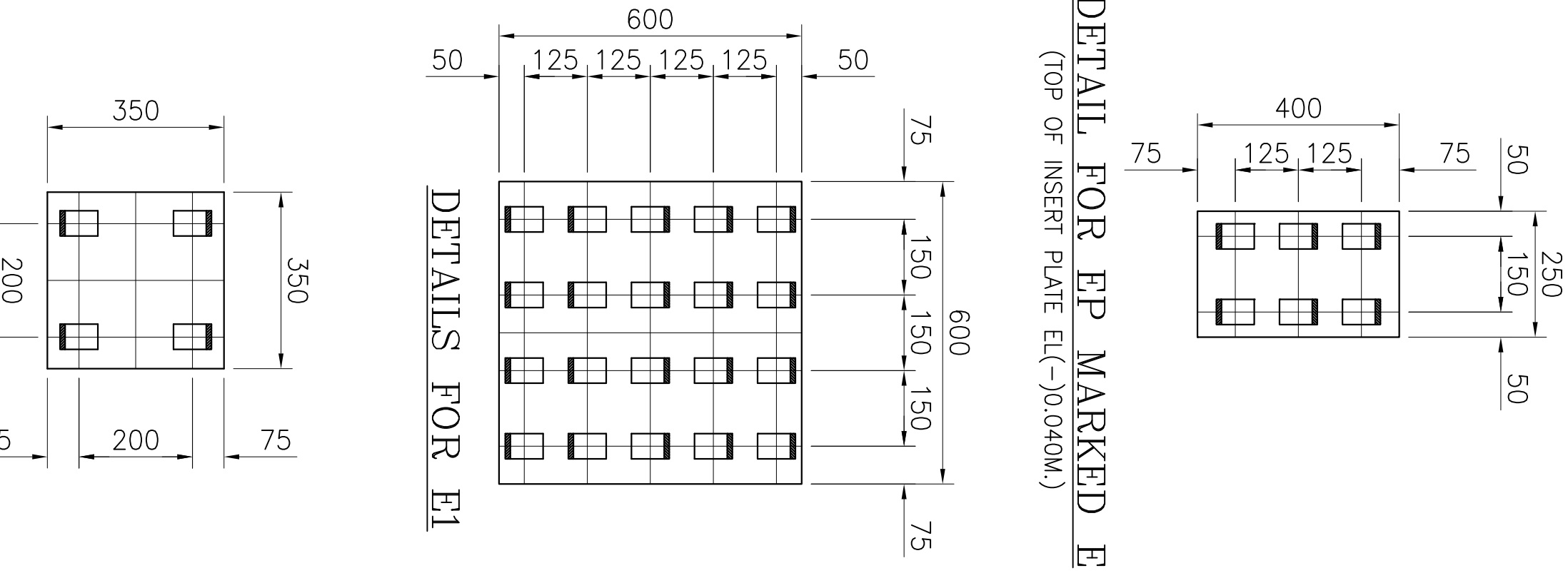
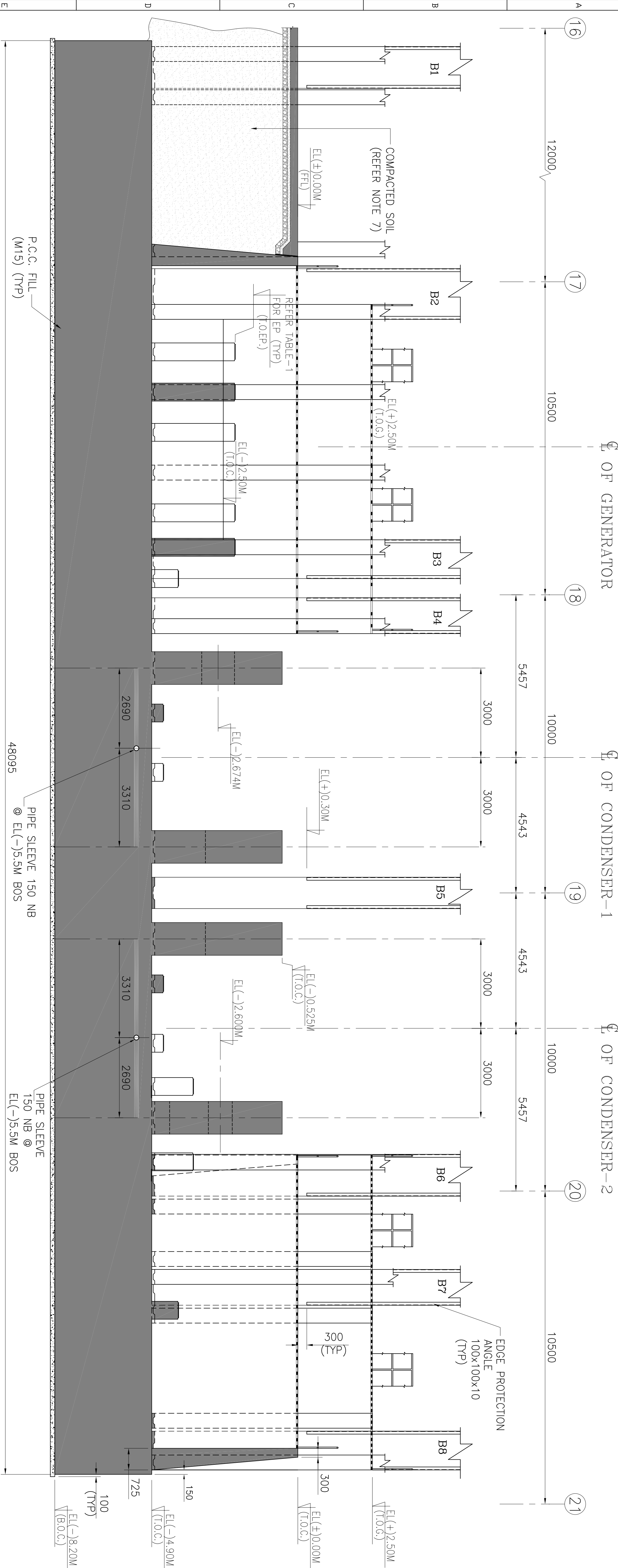
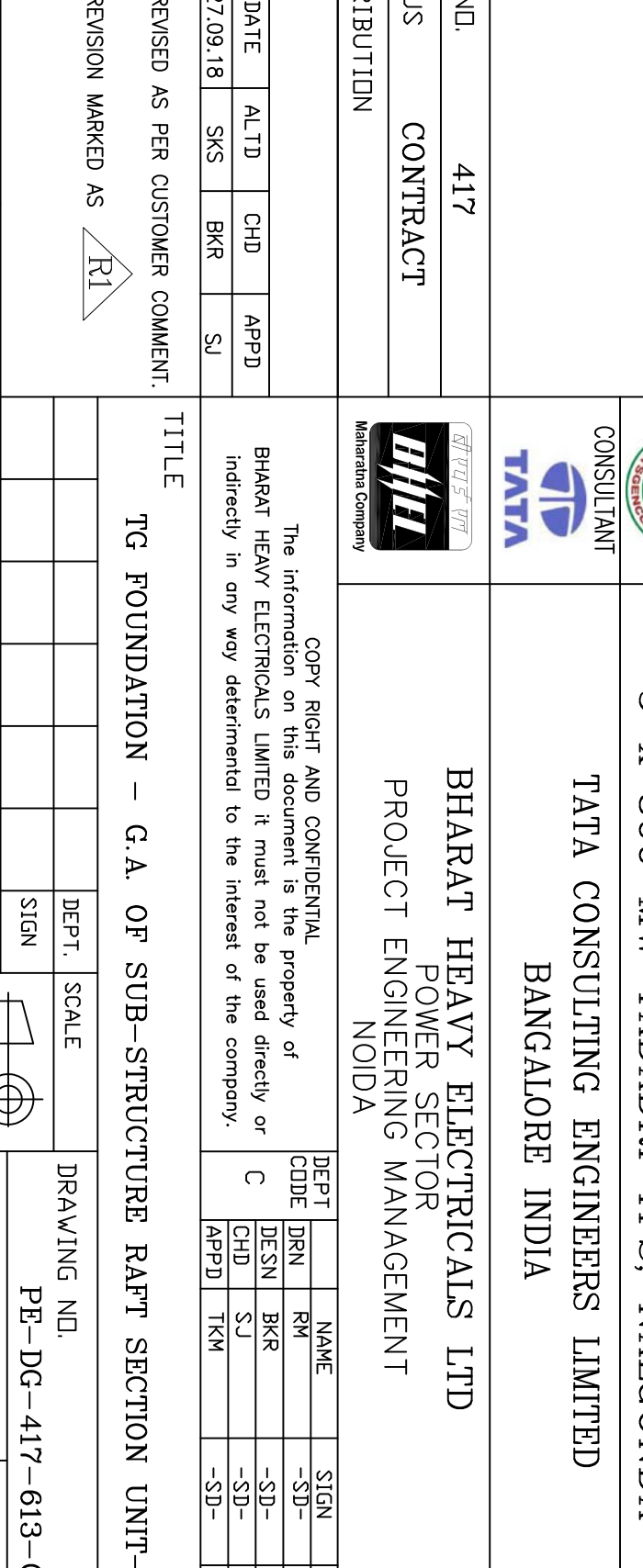
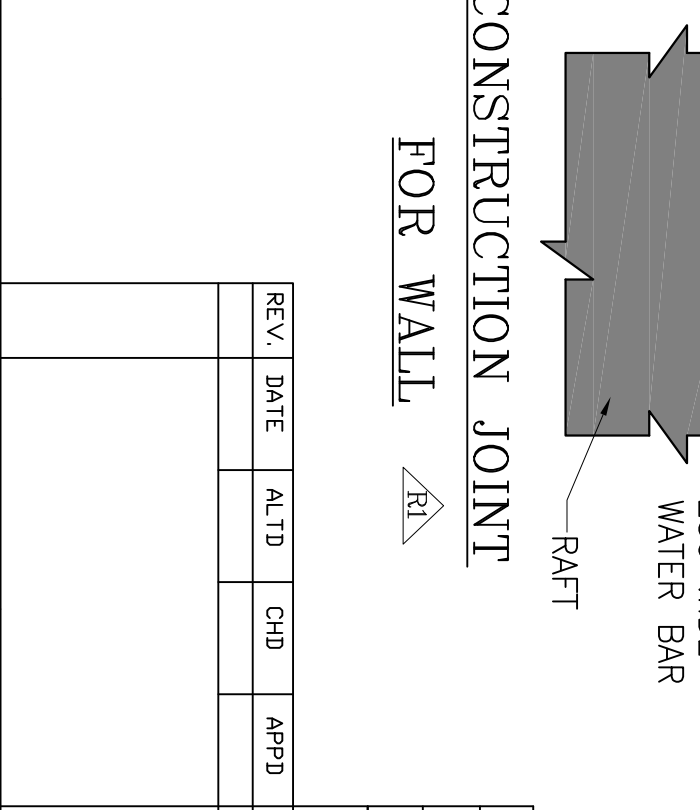
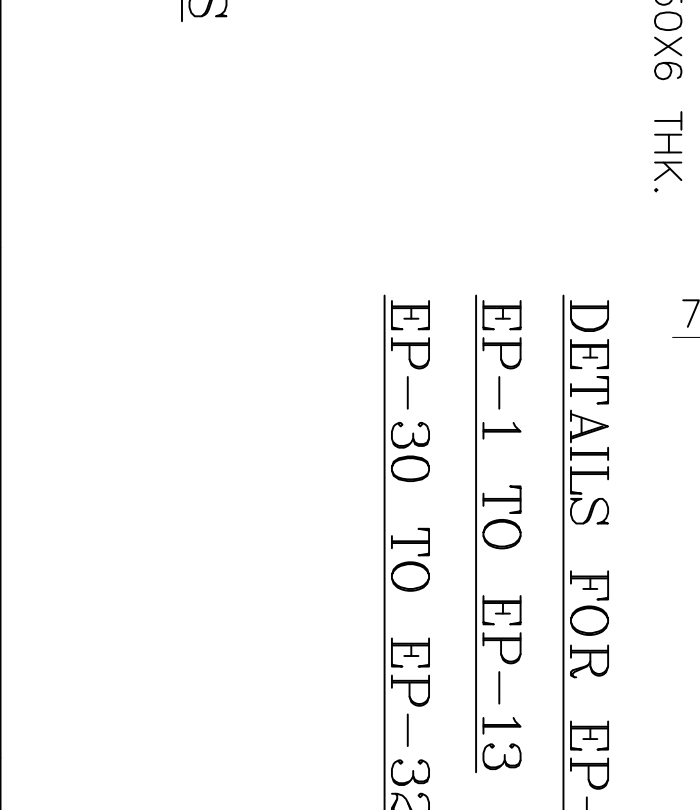
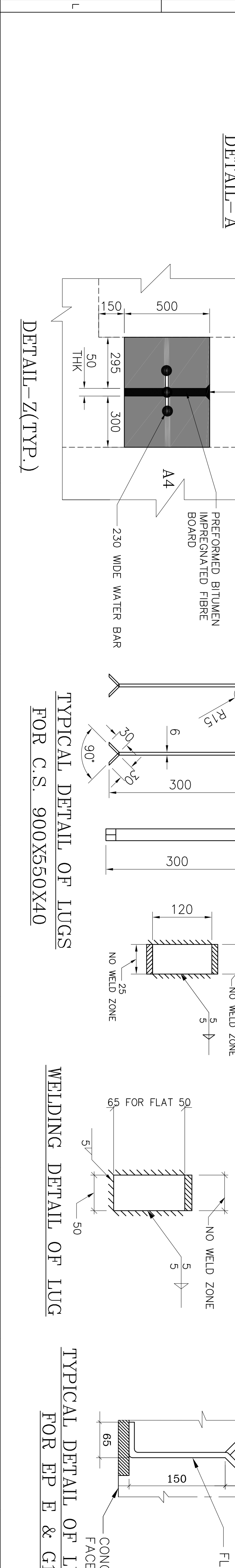
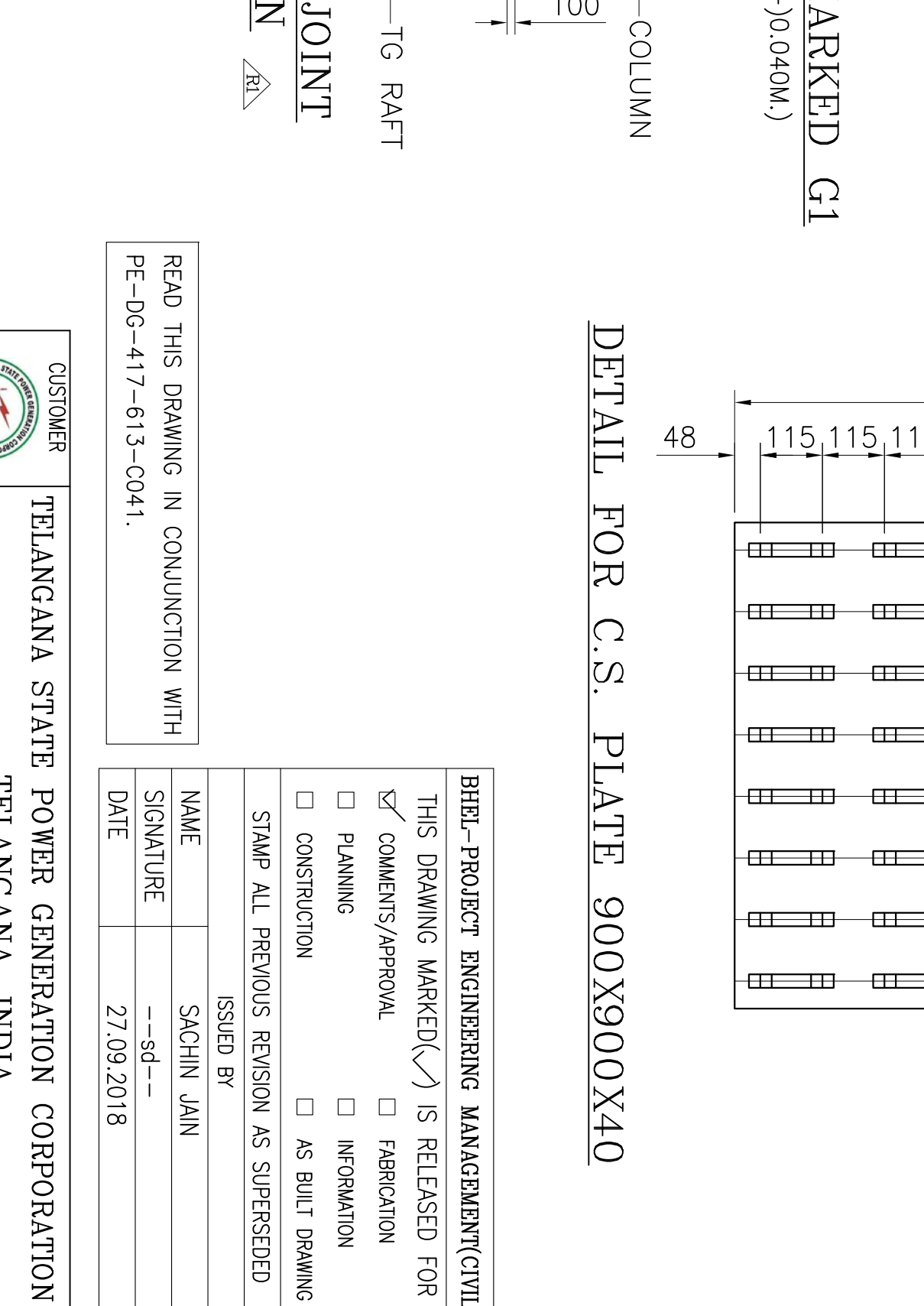
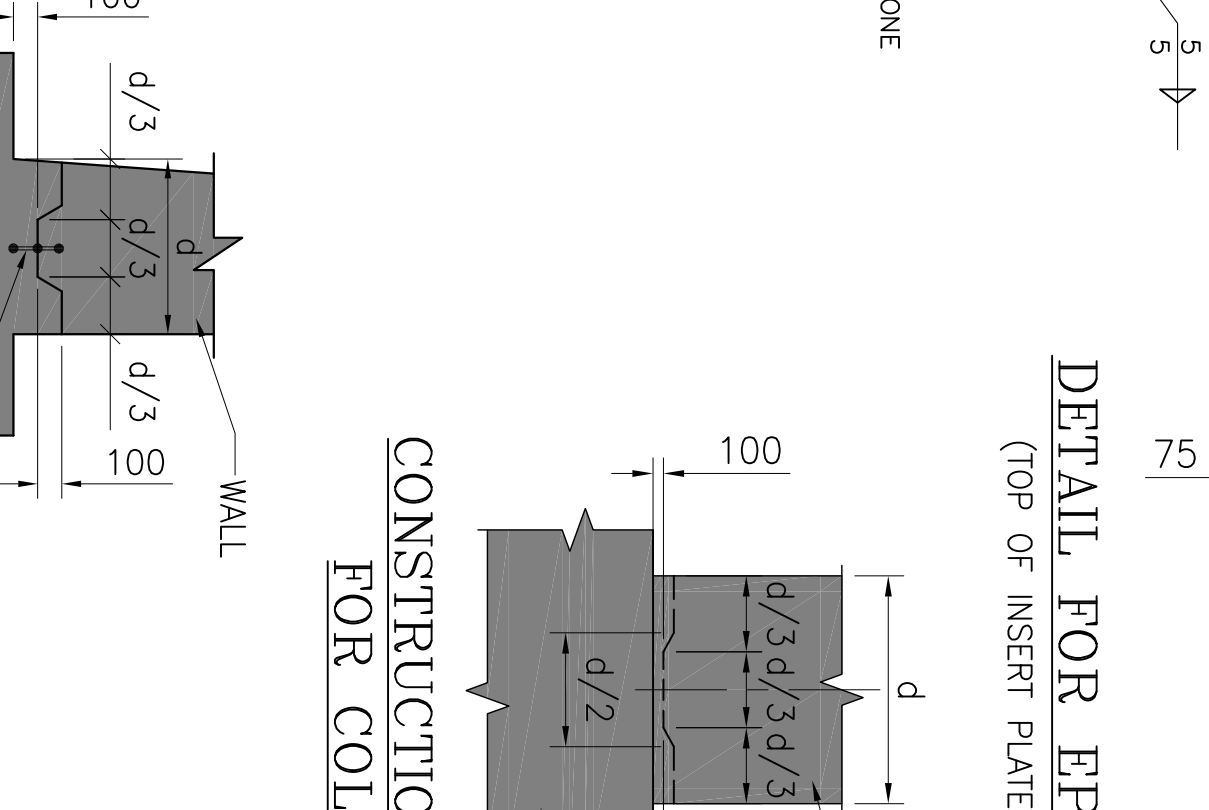
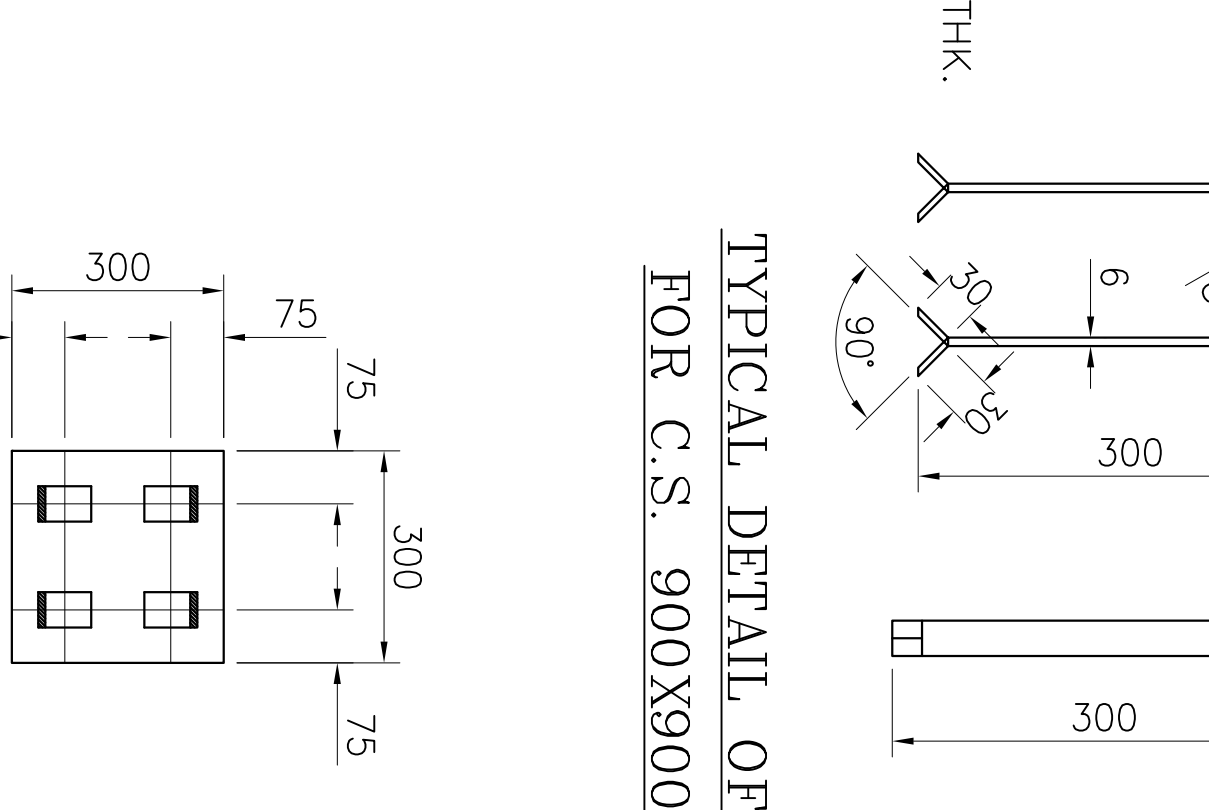
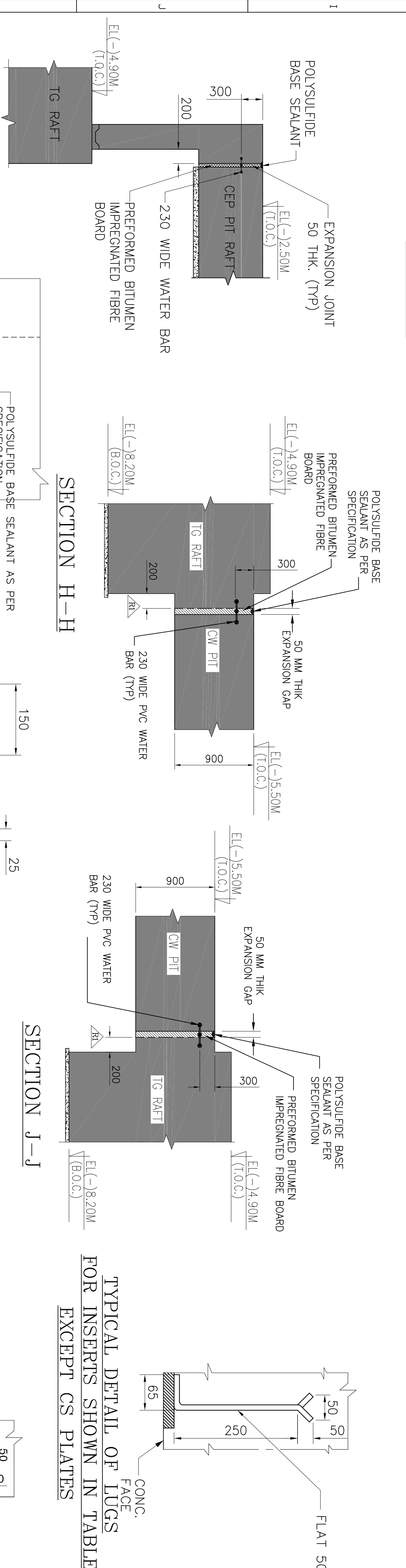
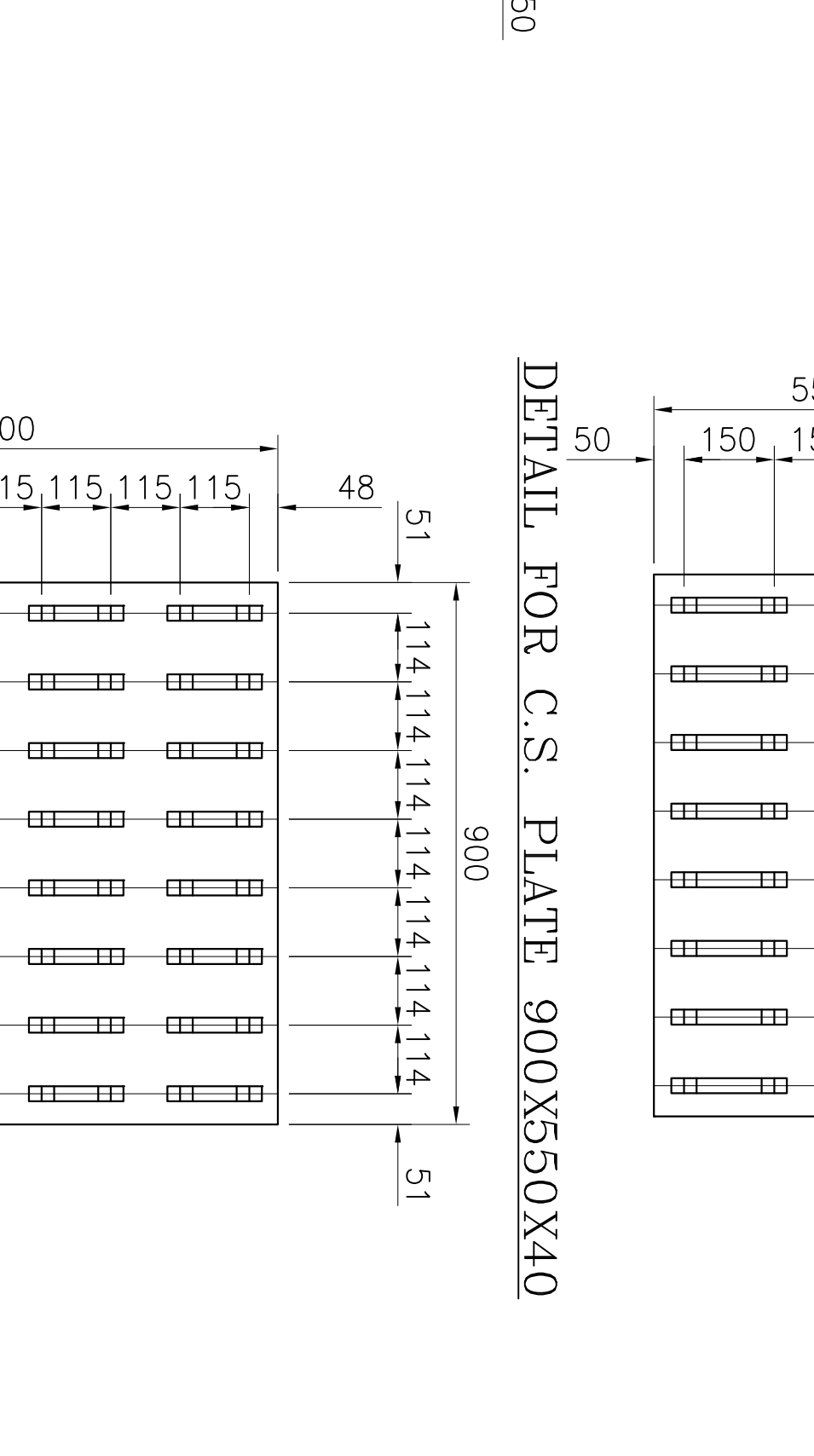
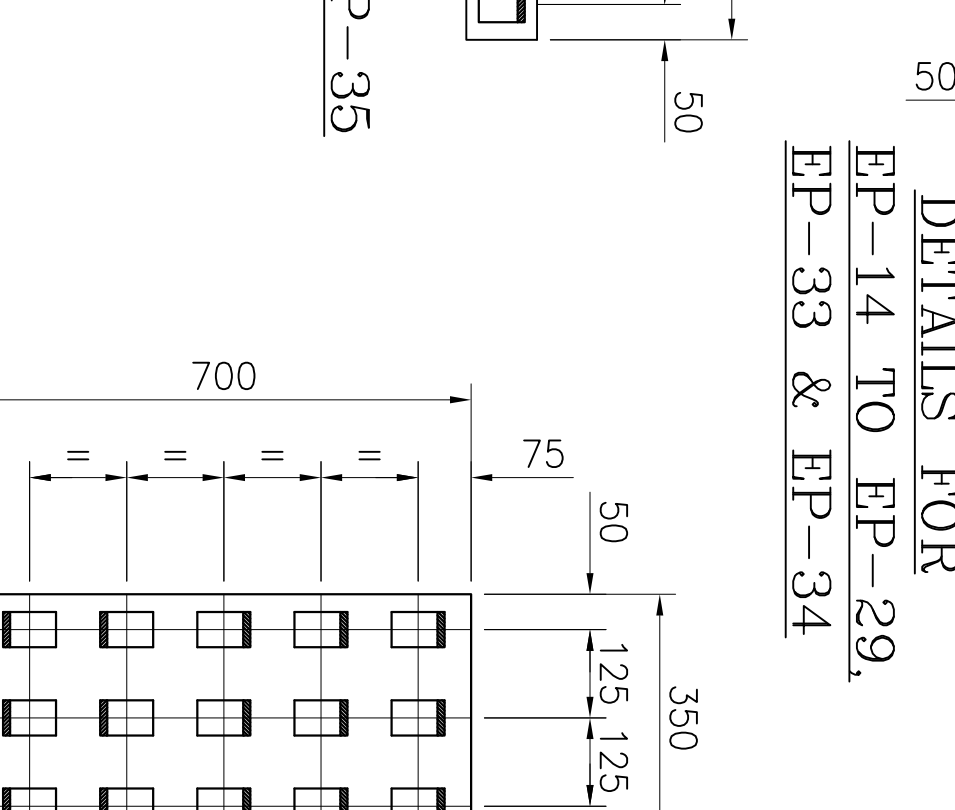
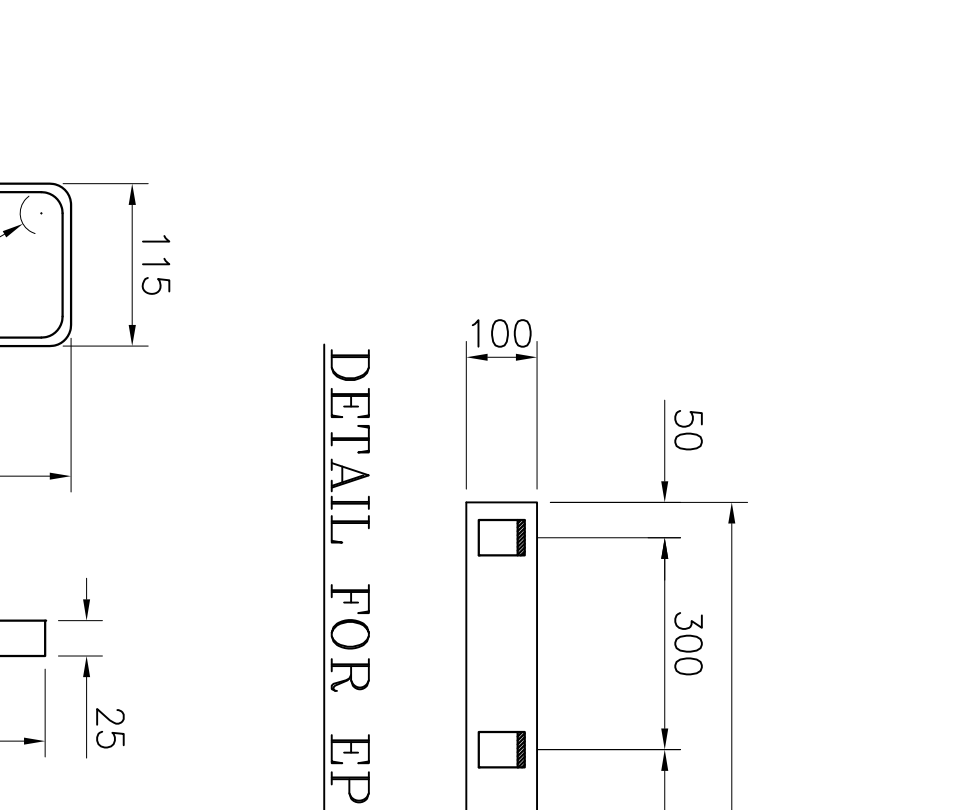
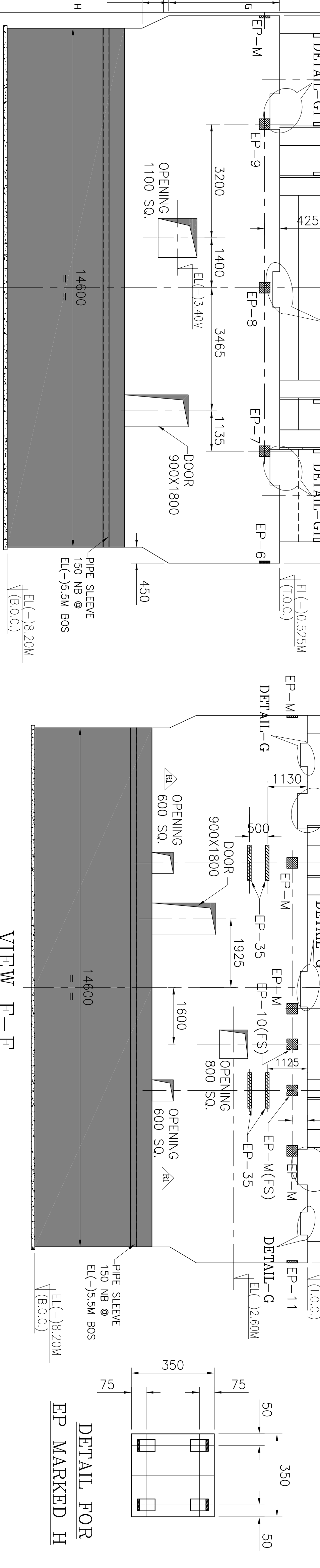
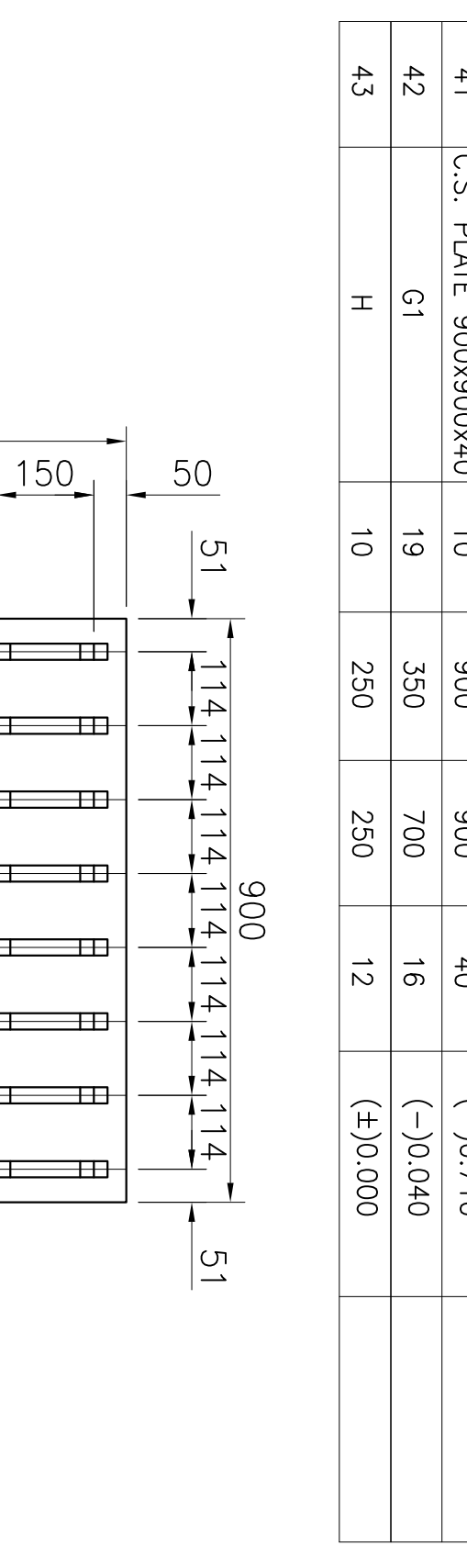
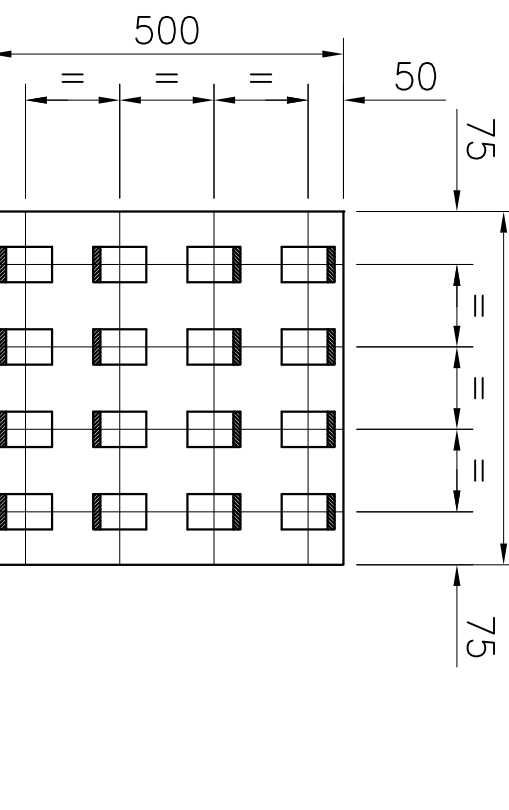
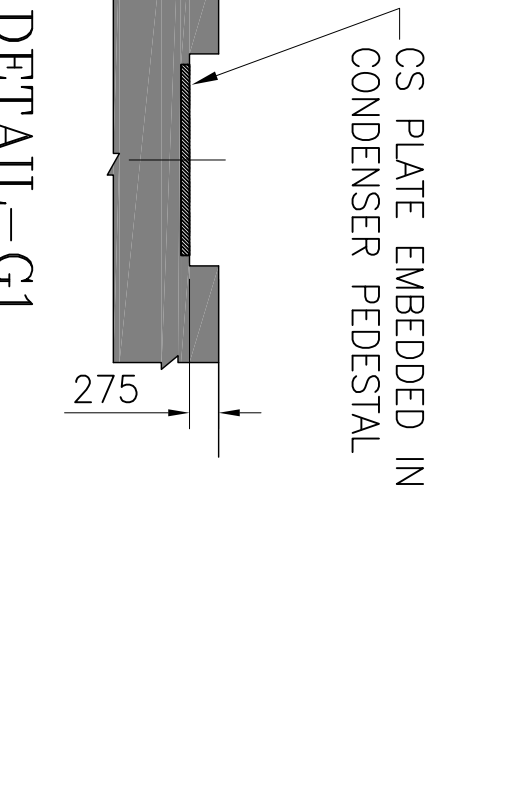
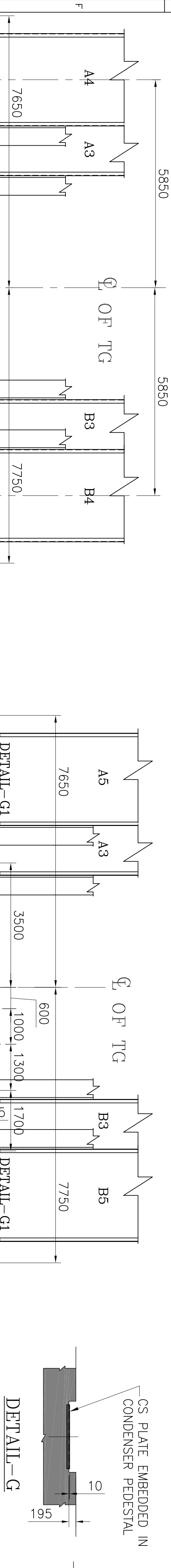
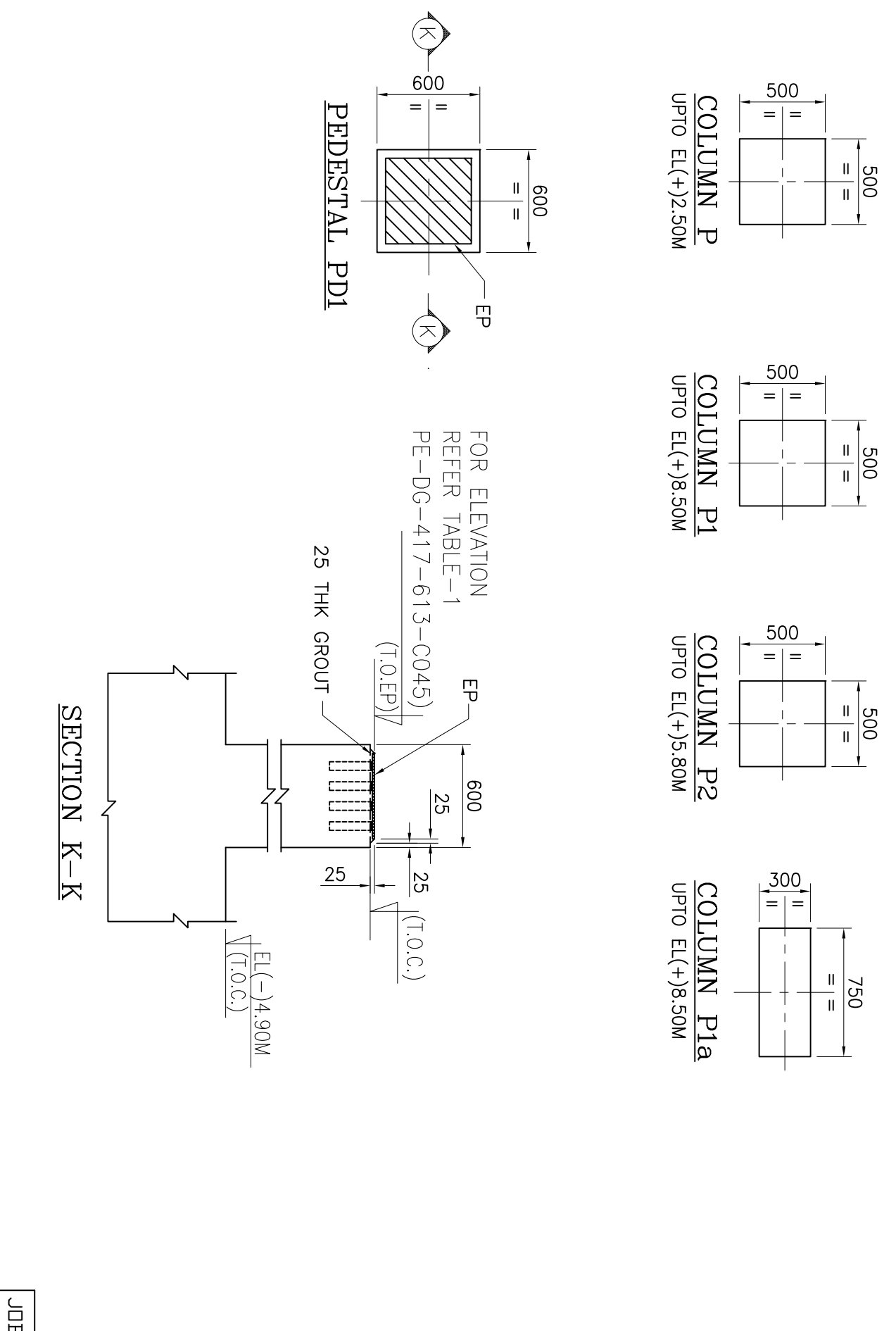
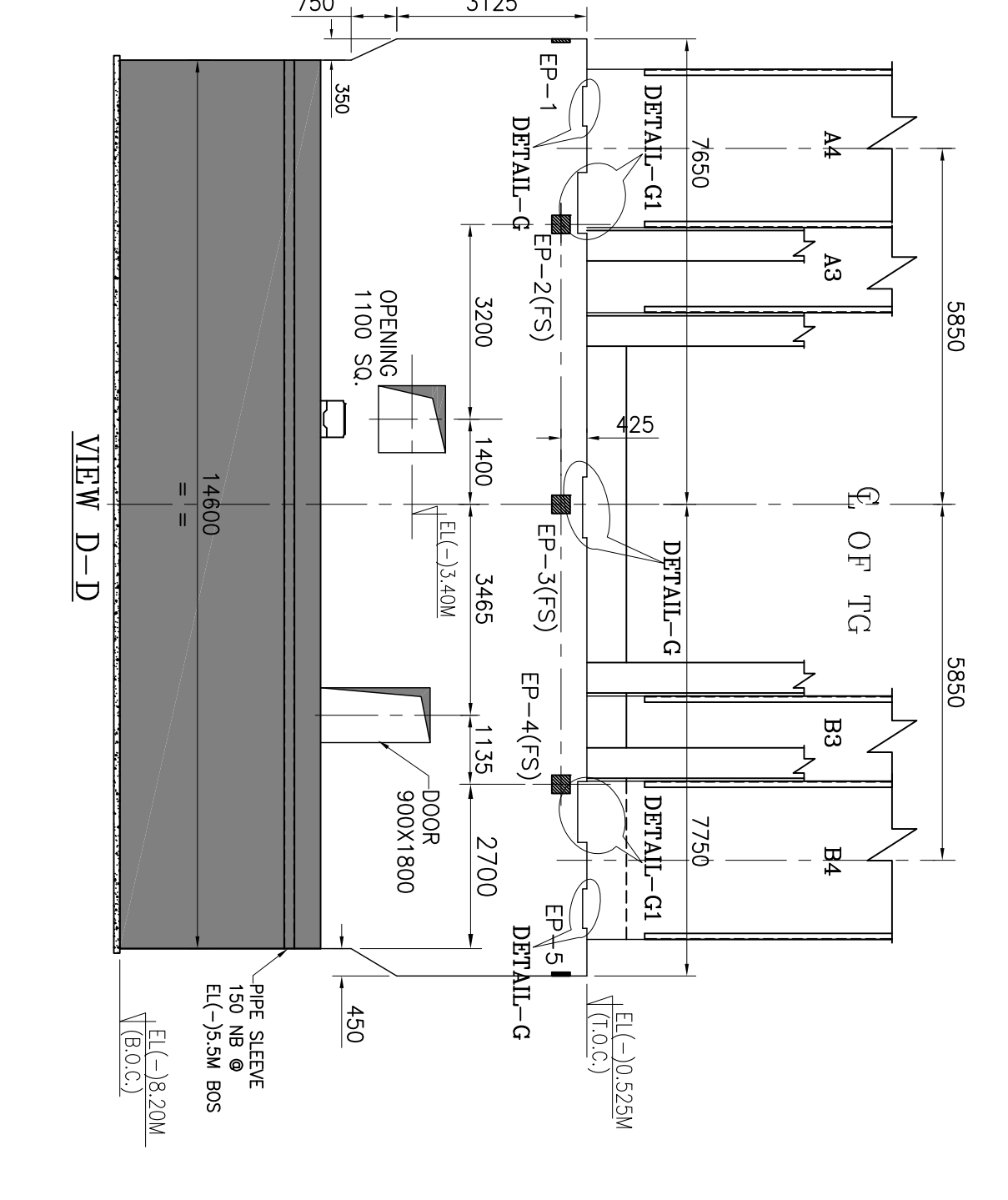
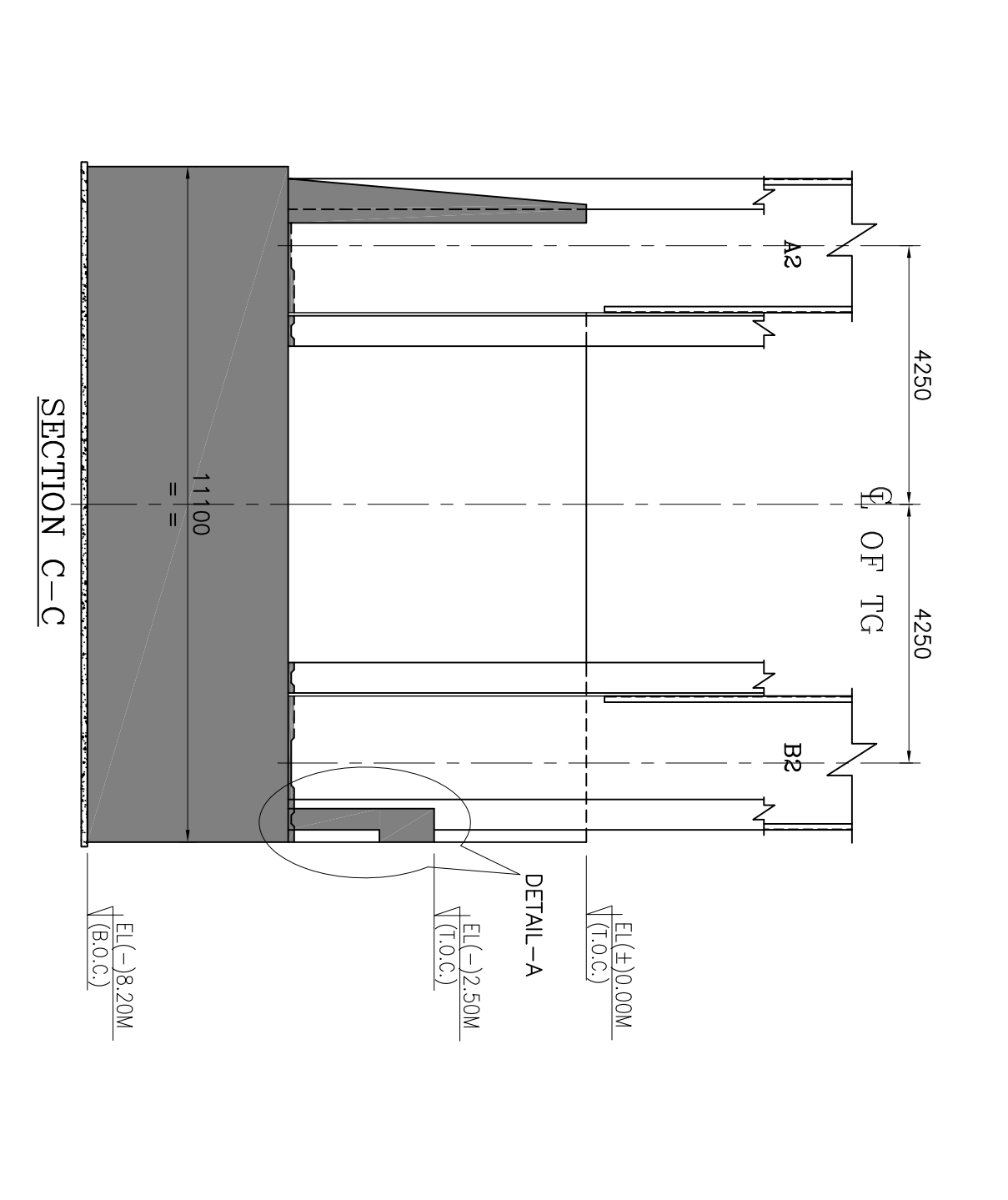
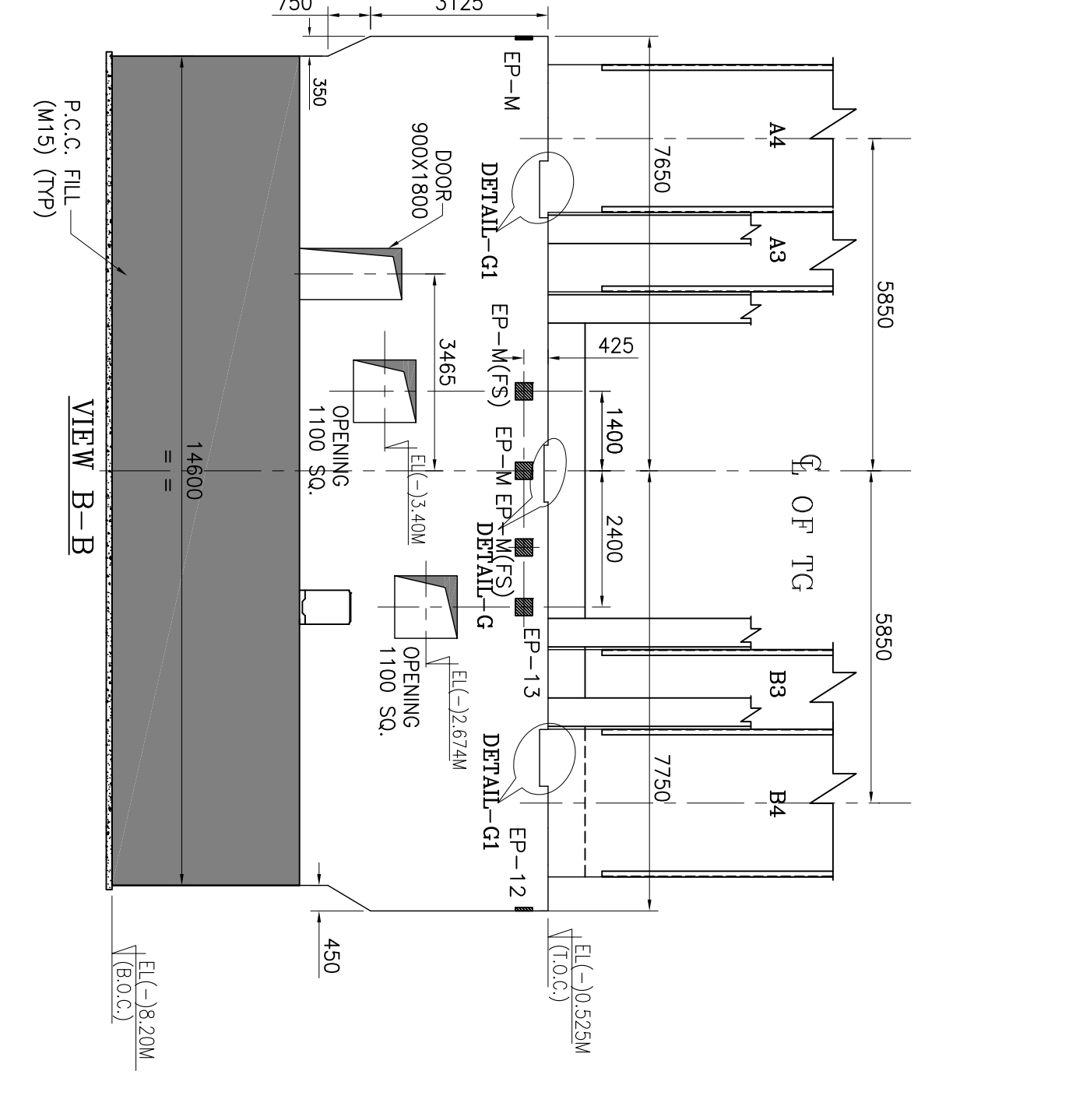
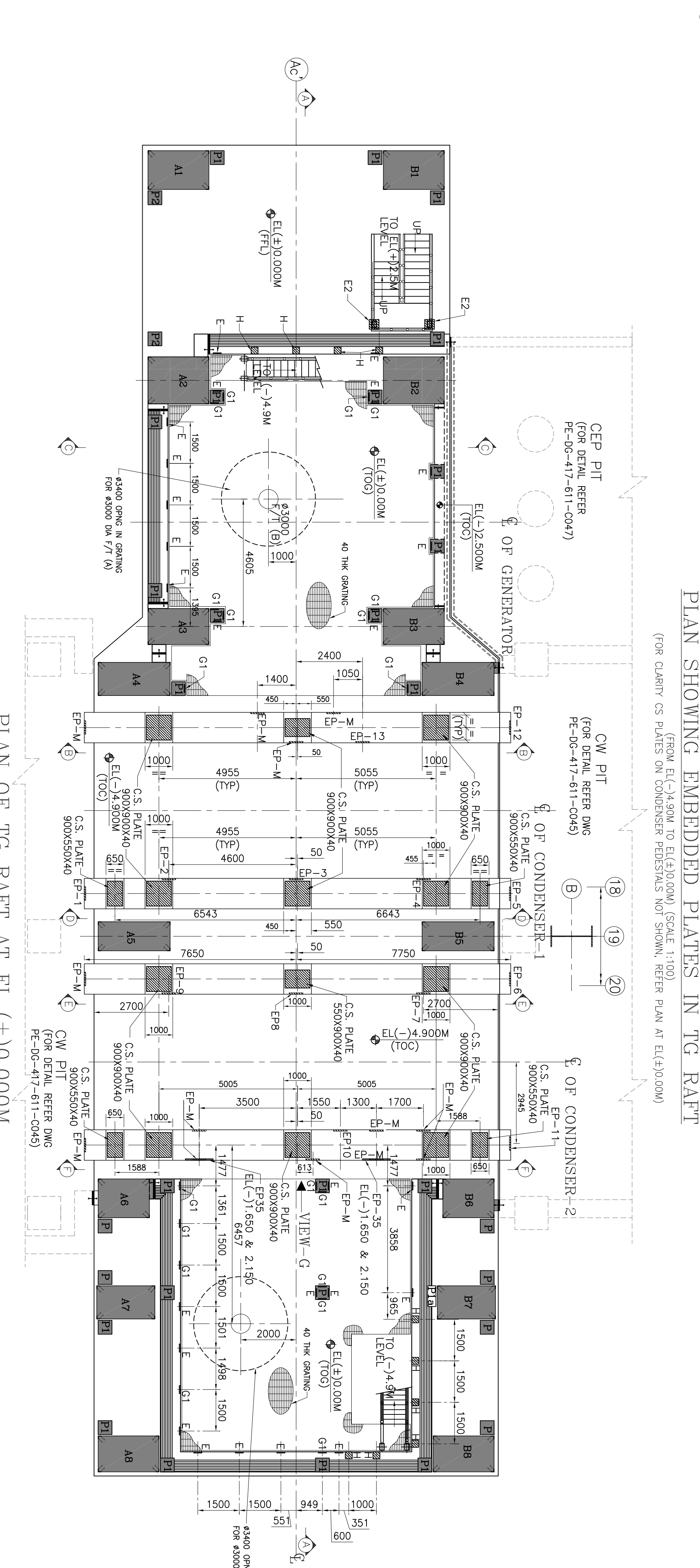
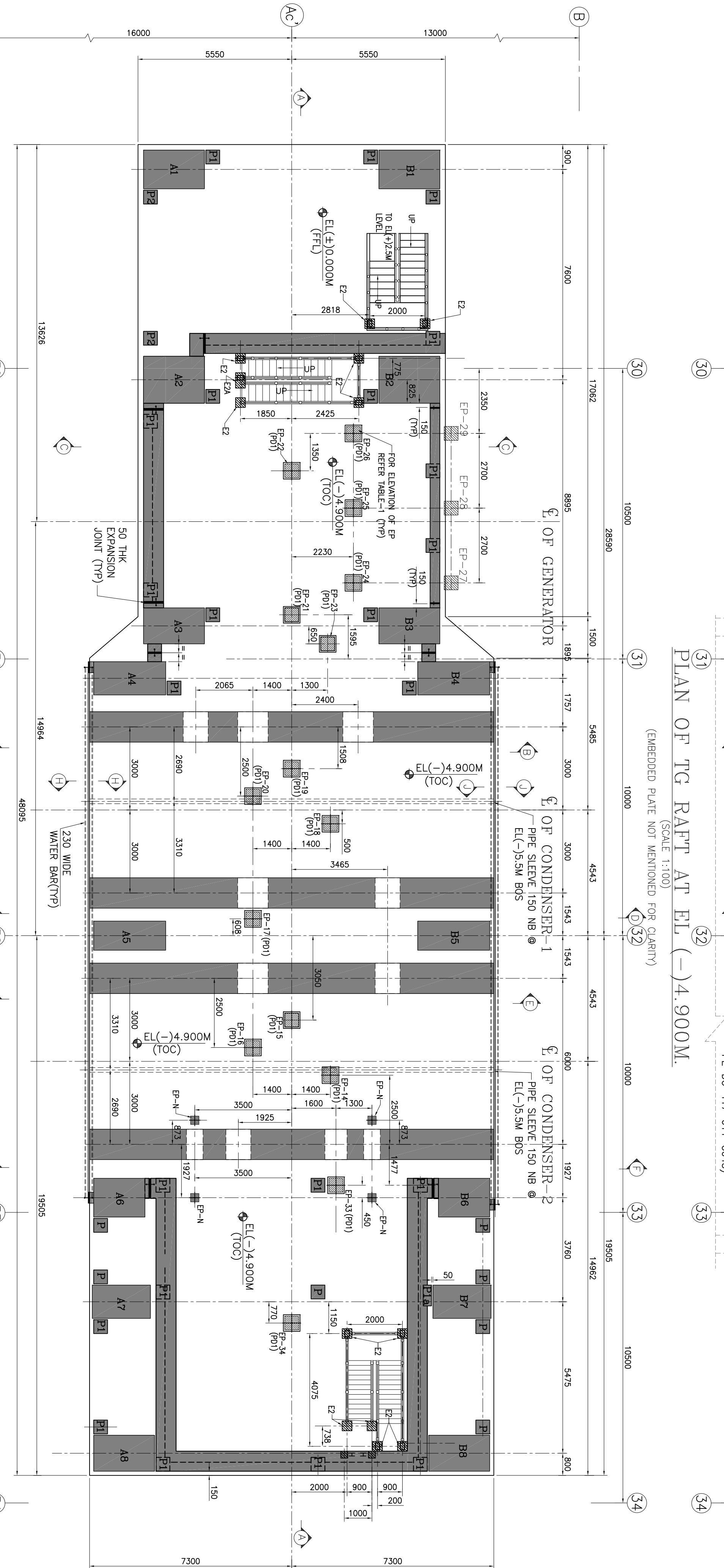
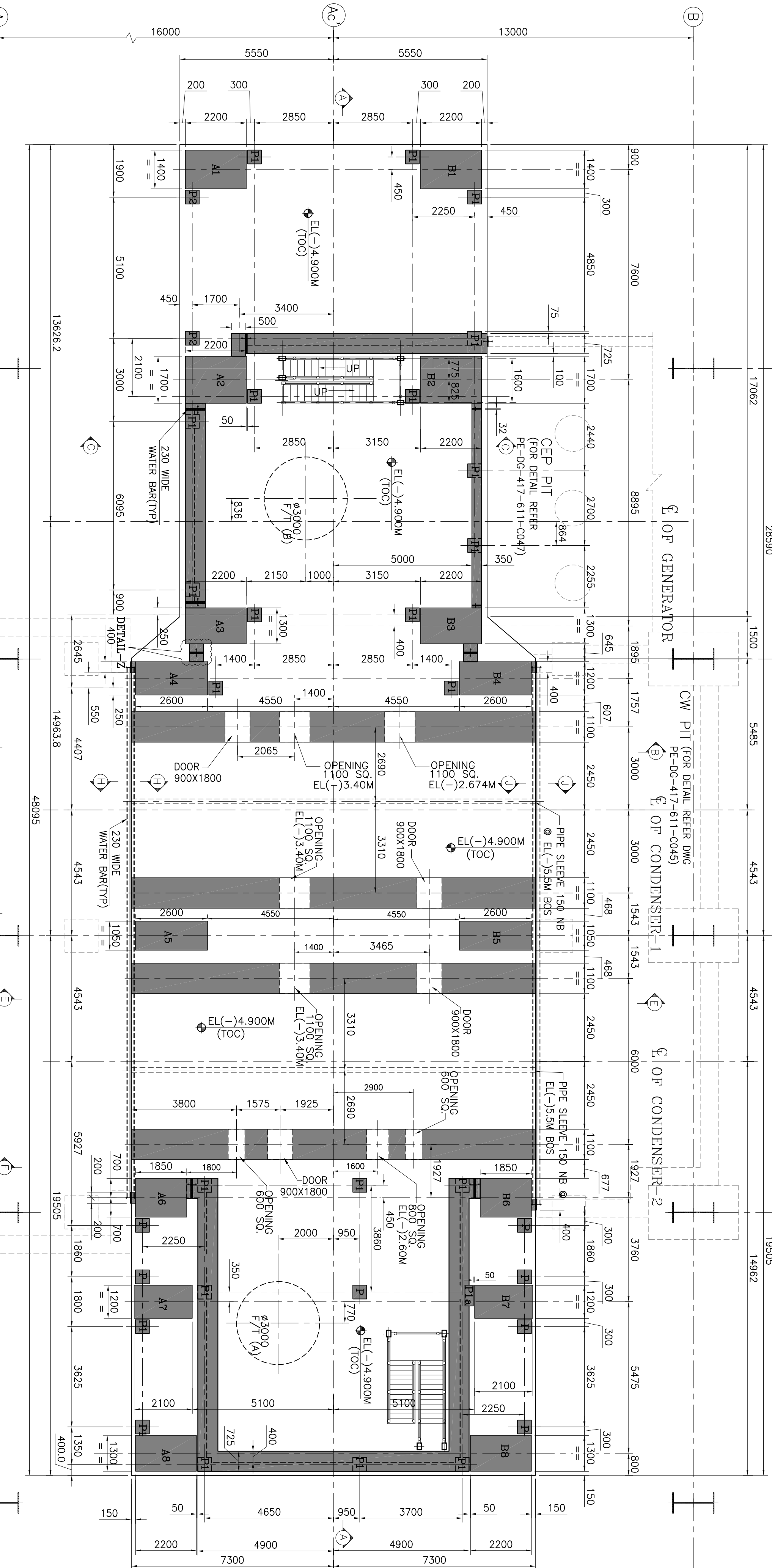
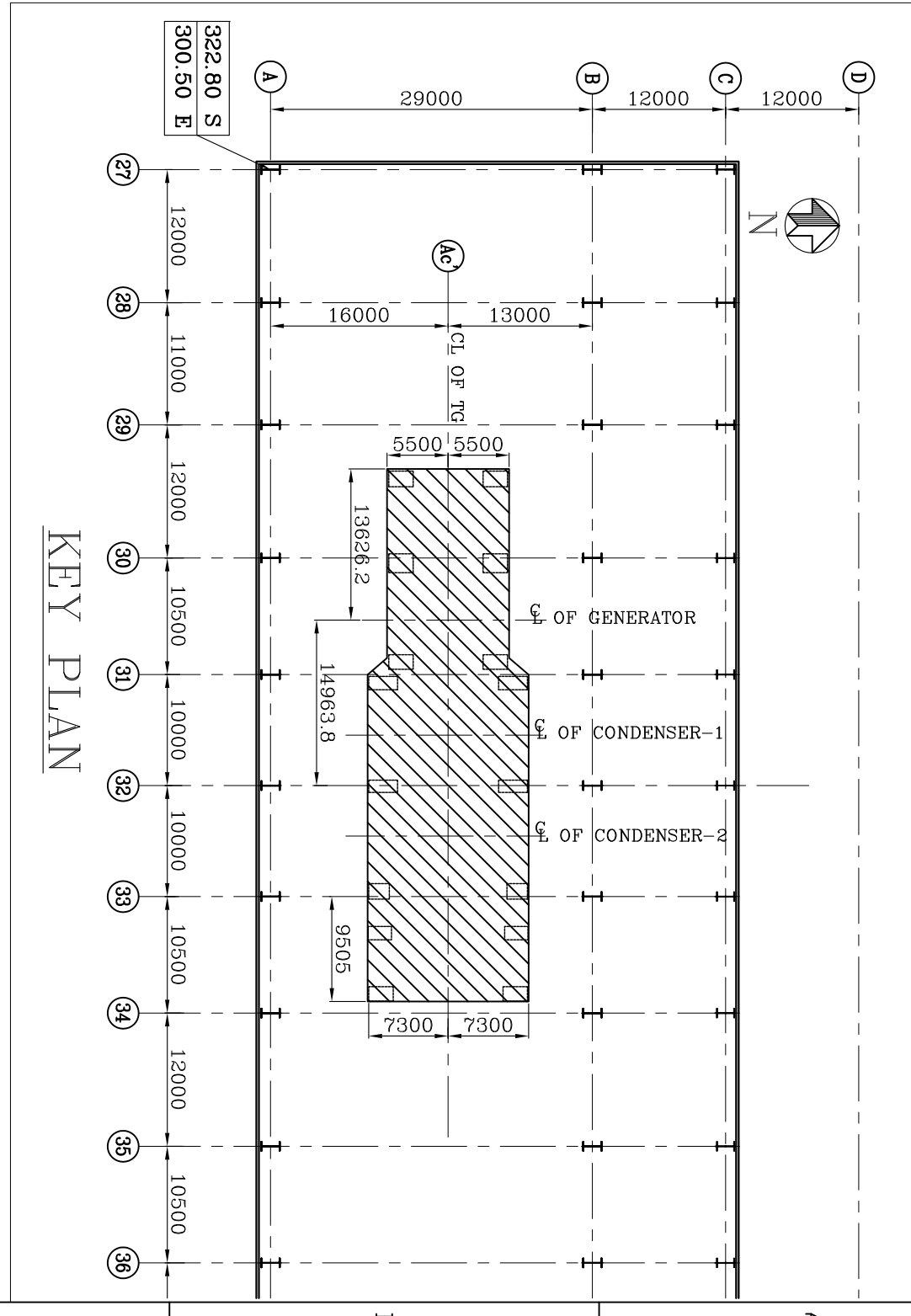


TABLE-1 SCHEDULE OF INSERTS									
ITEM NO.	NAME	QTY.	SIZE			LOCATION (TOP OF PLATE) @ FL.	REMARKS		
			L	B	THK.				
01	E	25	250	350	12	(-10.040)			
02	E2	14	350	350	12	(-14.900)			
03	EP-1	01	300	300	12	(-10.800)			
04	EP-2	01	300	300	12	(-10.800)			
05	EP-3	01	300	300	12	(-10.800)			
06	EP-4	01	300	300	12	(-10.800)			
07	EP-5	01	300	300	12	(-10.800)			
08	EP-6	01	300	300	12	(-10.800)			
09	EP-7	01	300	300	12	(-10.800)			
10	EP-8	01	300	300	12	(-10.800)			
11	EP-9	01	300	300	12	(-10.800)			
12	EP-10	01	300	300	12	(-10.800)			
13	EP-11	01	300	300	12	(-10.800)			
14	EP-12	01	300	300	12	(-10.800)			
15	EP-13	01	300	300	12	(-10.800)			
16	EP-14	01	500	500	12	(-14.500)			
17	EP-15	01	500	500	12	(-14.500)			
18	EP-16	01	500	500	12	(-14.500)			
19	EP-17	01	500	500	12	(-14.500)			
20	EP-18	01	500	500	12	(-14.500)			
21	EP-19	01	500	500	12	(-14.500)			
22	EP-20	01	500	500	12	(-14.500)			
23	EP-21	01	500	500	12	(-12.100)			
24	EP-22	01	500	500	12	(-12.100)			
25	EP-23	01	500	500	12	(-14.000)			
26	EP-24	01	500	500	12	(-12.100)			
27	EP-25	01	500	500	12	(-12.100)			
28	EP-26	01	500	500	12	(-12.100)			
29	EP-27	01	500	500	12	(-12.400)			
30	EP-28	01	500	500	12	(-12.400)			
31	EP-29	01	500	500	12	(-12.400)			
32	EP-30	01	300	300	12	(-12.500)			
33	EP-31	04	300	300	12	(-12.500)			
34	EP-32	01	300	300	12	(-12.500)			
35	EP-33	01	500	500	12	(-13.500)			
36	EP-34	01	500	500	12	(-14.000)			
37	EP-35	04	1000	100	12	(-1.65)/(-12.15)			
38	EP-36	18	300	300	12	(-10.800)			
39	EP-37	02	300	300	12	(-14.900)			
40	C.S. PLATE 900X550X40	06	550	900	40	(-10.710)			
41	C.S. PLATE 900X900X40	10	900	900	40	(-10.710)			
42	G1	19	300	700	16	(-10.040)			
43	H	10	250	250	12	(-10.040)			





- NOTES**
1. ALL DIMENSIONS ARE IN MM AND LEVEL ARE IN METER UNLESS OTHERWISE SPECIFIED.
 2. ALL ELEVATIONS ARE REFERRED TO THE FINISHED GROUND FLOOR LEVEL OF ABOVE MEAN SEA LEVEL, AS EL. 0.000 WHICH CORRESPONDS TO RL. +81.500M.
 3. NO DIMENSIONS FROM THIS DRAWING ARE TO BE SOLED OFF AND ROUNDED DIMENSIONS SHALL BE FOLLOWED, ASK IF IN DOUBT.
 4. BACKSIGHTING SHALL BE DONE WITH APPROVED EXCAVATED EARTH AT SITE. MATERIAL VARIATION, ROOTS, RUBBISH, BUNKERS, ORGANIC WASTES & ANY OTHER MATERIAL, CHEMICALS ETC. AND SHALL BE GOT APPROVED BY THE PROJECT ENGINEER.
 5. FOR R.C.C. WORKS: 417-600-001 FOR GENERAL NOTES AND STANDARD DETAILS.
 6. THE LOCATION & ORIENTATION OF FOUNDATION SHOWN IN THIS DRG. MANUFACTURER'S EQUIPMENT DRG. BEFORE COMMENCEMENT OF WORK.
 7. THE DRWG. SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS, SPECIFICATIONS AND SCHEDULE OF ITEMS.
 8. UNLESS NOTED OTHERWISE.
 9. GRADE OF CONCRETE FOR TO PART, WALL, PILECAPS SHALL BE M25.
 10. EMBEDDED PLATE REINFORCEMENT SHALL BE PROVIDED AS PER THE FOLLOWING POINTS, PLATES, STRUCTURAL STEEL SECTIONS ETC. SHALL BE PROVIDED AS PER THE CONTRACT DOCUMENTS.
 11. EMBEDDED PARTS AT THE BOTTOM & THE VERTICAL FACES SHALL BE FIXED BEFORE THE INSTALLATION OF SIDE SHUTTERING AND THEIR POSITION GOT VERIFIED BY ENGINEER-IN-CHARGE.
 12. ETC. SHALL BE SUITABLY ADJUSTED AT SITE BUT SHALL NOT BE CUT.
 13. COAL JOINT TREATMENT: OLD CONCRETE IS TO BE CLEANED WITH REMOVABLE FRESH CONCRETE.
 14. FOR LUG DETAILS OF INSERTS AND CORNER ANCHORS, REFER SEPARATE DRAWING PE-DC-417-613-0002.
 15. FOR EXHAUST GRAB ARRANGEMENT, REFER ELECTRICAL DRG. PE-DC-417-609-0005.
 16. FOR INSET PLATE LOCATION REFER RELEVANT MECHANICAL DRAWING GIVEN IN REFERENCE DRAWING.
 17. TO PART CONCRETE SHALL BE CAST IN SINGLE POUR, NO JOINTS ARE ALLOWED.
 18. CONDITIONS ARE Laid AS PER ELECTRICAL DRAWING.
 19. CONCRETING OF BASE PART SHALL BE DONE BY CONTROLLING THE TEMPERATURE TO 25°C AT FOUR BY USE OF ICE.

- REFERENCE DRGS.**
1. PE-DC-417-613-0001 - BOAT PLAN
 2. PE-DC-417-100-0002 - MAIN EQUIPMENT LAYOUT
 3. PE-DC-417-100-0003 - TO HALL EQUIPMENT LAYOUT PLAN AT EL. (+) 0.00M.
 4. 0-13100-05152 (SHT-1) - FOUNDATION PLAN - TOP VIEW, SECTION A-A.
 5. 0-13100-05152 (SHT-2) - FOUNDATION PLAN - TOP VIEW, SECTION A-A.
 6. 0-13100-05153 - FOUNDATION PLAN - OVERVIEW CONCRETE TOPPING
 7. 0-13100-05154 - FOUNDATION PLAN - OVERVIEW CONCRETE TOPPING
 8. 0-13100-05155 - LIFT OF TO DECK EMBEDDMENTS
 9. 0-13100-05156 - LIFT OF TO DECK EMBEDDMENTS
 10. PE-DC-417-611-0045 - PH. BLOC - GA & RC DETAILS OF CEP PIT-UNIT-3, 4 & 5
 11. PE-DC-417-611-0047 - PH. BLOC - GA & RC DETAILS OF CEP PIT-UNIT-3, 4 & 5
 12. PE-DC-417-613-0001 & 0002 - TO FIN - DETAILS OF TO PLATFORMS

- CONSTRUCTION DRGS.**
1. PE-DC-417-613-0045 - TO FOUNDATION - GA OF SUB-STRUCTURE PART SECTION UNIT-3
 2. PE-DC-417-613-0046 - TO FIN-RC DETAILS OF SUBSTRUCTURE UP TO (+) 0.00M UNIT-3

LEGEND

T.O.C.	- TOP OF CONCRETE
C.L.	- CONSTRUCTION LIMIT
TP	- TYPICAL
P/P/P2	- ALUMINUM COLUMN
EP	- EMBEDDED PLATE FOR EP
EP & REINFORCING	- EP & REINFORCING
EP	- EMBEDDED PLATE

READ THIS DRAWING IN CONJUNCTION WITH

NAME	REVISION	DATE
19/11/2018		

CLIENT

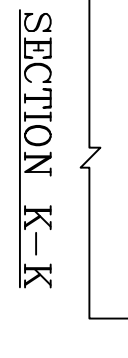
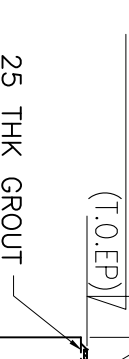
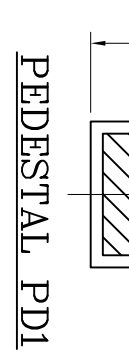
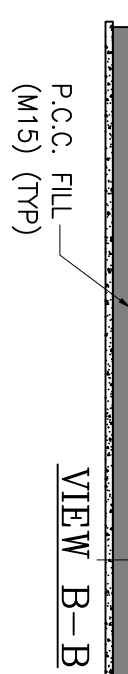
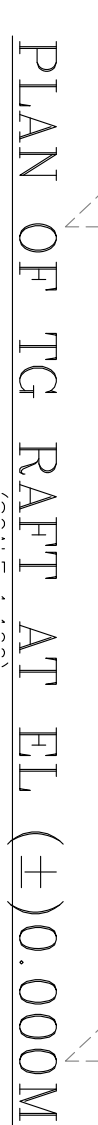
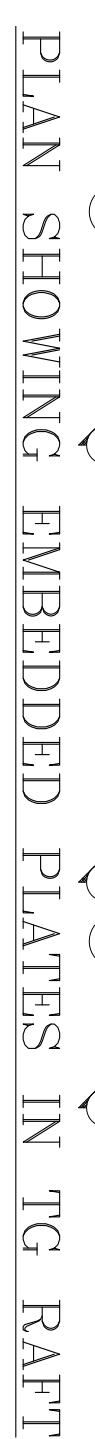
TELANGANA STATE POWER GENERATION CORPORATION LTD
5 x 800 MW YADADRI T.P.S., NALGONDA
TVA CONSULTING ENGINEERS LIMITED
BANGALORE INDIA

PROJECT

TELANGANA STATE POWER GENERATION CORPORATION LTD
5 x 800 MW YADADRI T.P.S., NALGONDA
TVA CONSULTING ENGINEERS LIMITED
BANGALORE INDIA

REVISION

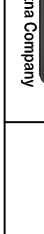
REV.	DATE	ALTD.	CHD.	APPD.
1				



READ THIS DRAWING IN CONNECTION WITH
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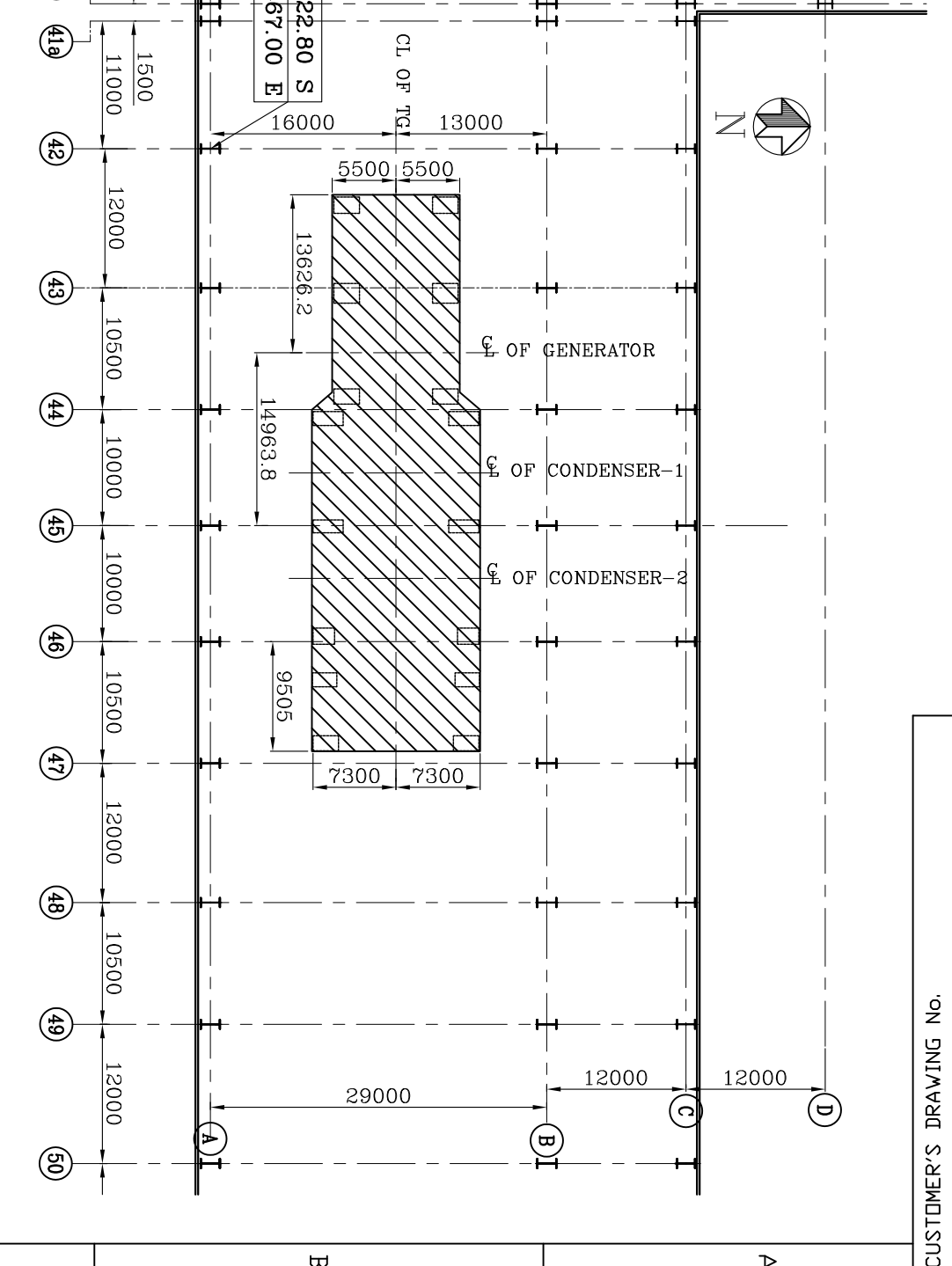
NAME	SACHIN JAIN
SIGNATURE	
DATE	20.11.2018

OWNER	TELANGANA STATE POWER GENERATION CORPORATION LTD
	5 x 800 MW YADADRI TPS, NALGONDA TELANGANA, INDIA
CONSULTANT	TATA CONSULTING ENGINEERS LIMITED
	BANGALORE INDIA

STATUS		CONTRACT	
DISTRIBUTION			
			
PROJECT ENGINEERING MANAGEMENT			
MORDA			
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DATE	ALT ID	CHD	APPRO
DATE	REV	DATE	ALT ID
DATE	REV	DATE	CHD
DATE	REV	DATE	APPRO
TITLE			
T.C. FDM - GA OF SUB-STRUCTURE RAFT UNIT-4			
DRAWING NO.		SCALE	
SHEET		SHEET	
			
PE-DG-417-613-0047			

		POWER SECTION PROJECT: ENGINEERING MANAGEMENT MODA	
OPEN FOR ALL COMPETITION			
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NAME T.C. PDN - GA of SUB-STRUCTURE RAFT UNIT-4	H/P NO.1	S/N 1	DATE 2011/08/08
DRAWING NO. PE-DC-417-618-0047	S/N 1	DATE 2011/08/08	S/N 1

KEY PLAN



- [illegible]

- [illegible]

- NON-STRUCT. DRGS.
 7E-06-47-61-3-1048 - TO FOUNDATION - G.A. OF SUB-STRUCTURE PART SECTION UNIT-4
 7E-06-47-61-3-1049 - T.G. FOLY-ET. DETAILS OF SUBSTRUCTURE UP TO (4) ROOM UNIT-4
LEGEND
 Q - OP OF CONCRETE
 Q - OP OF CONCRETE
 L - CONSTRUCTION JOINT
 P - TYPICAL
 P/P1/P2 - AUXILIARY COLUMN
 P1/P2 - PERISMA FOR EP
 CENTER LINE
 - EYE & PERISMA OF EPs
 - EMBEDDED PLATE

BID—PROJECT ENGINEERING MANAGEMENT(CIVIL) THIS DRAWING MARKED ☒ IS RELEASED FOR ☒ COMMENTS/REVISION ☐ PROSECUTION ☐ PLANNING ☐ INSURANCE ☐ CONSTRUCTION ☐ AS BUILT DRAWING STAMP ALL PROJECT REVISION AS SUSPENDED ISSUED BY _____

NAME	SACHIN JAIN
SIGNATURE	
DATE	20.11.2018

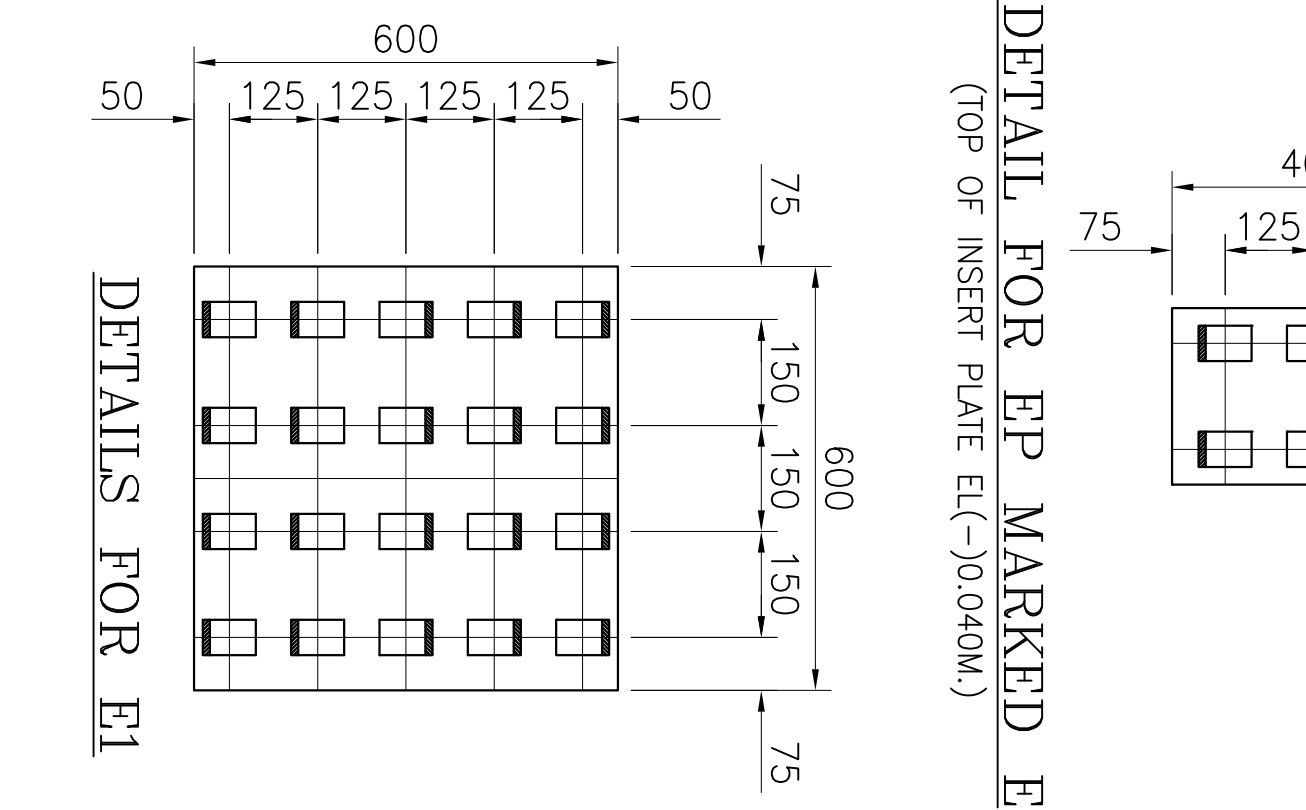
 TATA CONSULTANCY SERVICES	TELANGANA STATE POWER GENERATION CORPORATION LTD 5 x 800 MW YADADRI TPS, NALGONDA TATA CONSULTING ENGINEERS LIMITED BANGALORE INDIA
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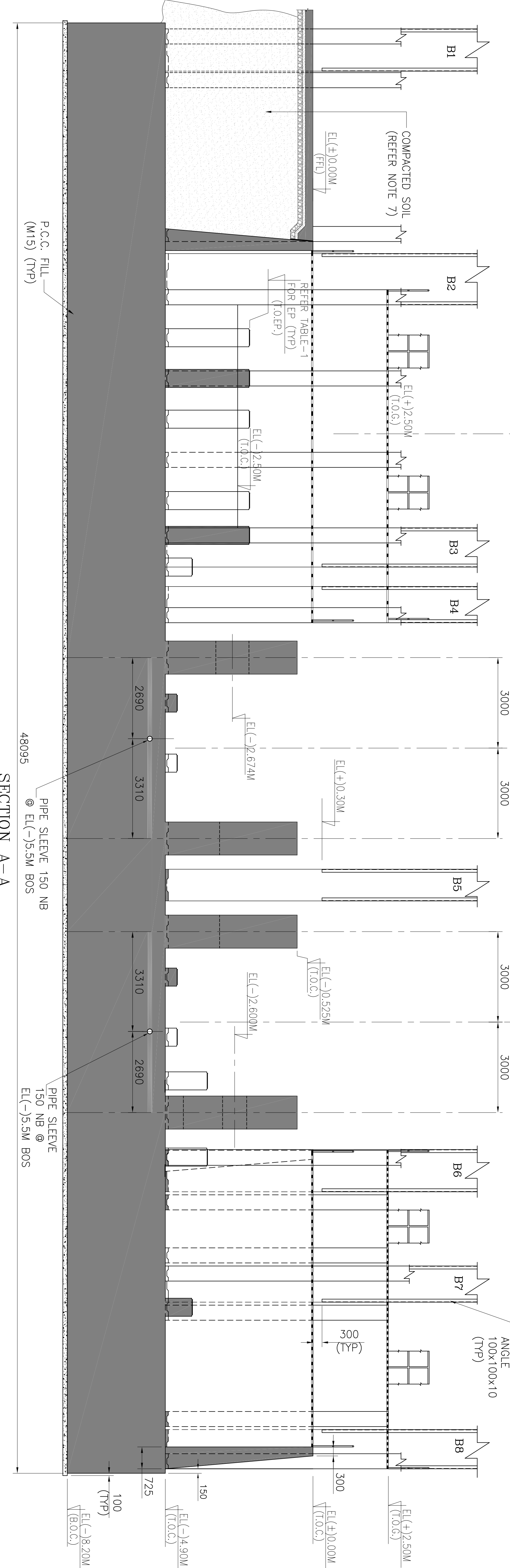
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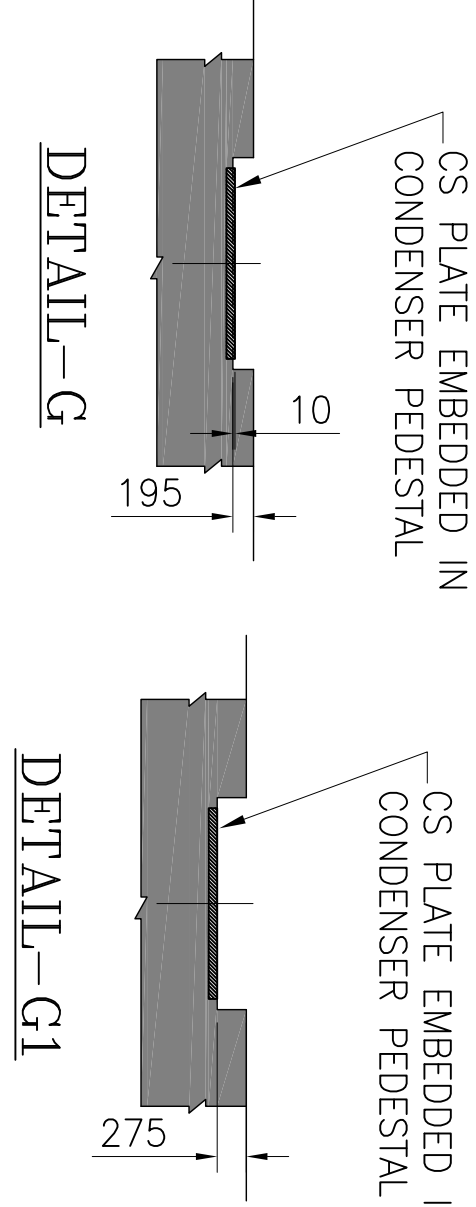
ITEM NO.	NAME	QTY.	SIZE			LOCATION (TOP OF PAVE) @ EL.	REMARKS
			L	B	THK.		
01	E	25	250	400	12	(-0.040)	
02		14	350	350	12	(-14.900)	
03	EP-1	01	300	300	12	(-0.800)	
04	EP-2	01	300	300	12	(-0.800)	
05	EP-3	01	300	300	12	(-0.800)	
06	EP-4	01	300	300	12	(-0.800)	
07	EP-5	01	300	300	12	(-0.800)	
08	EP-6	01	300	300	12	(-0.800)	
09	EP-7	01	300	300	12	(-0.800)	
10	EP-8	01	300	300	12	(-0.800)	
11	EP-9	01	300	300	12	(-0.800)	
12	EP-10	01	300	300	12	(-0.800)	
13	EP-11	01	300	300	12	(-0.800)	
14	EP-12	01	300	300	12	(-0.800)	
15	EP-13	01	300	300	12	(-0.800)	
16	EP-14	01	500	500	12	(-14.500)	
17	EP-15	01	500	500	12	(-14.500)	
18	EP-16	01	500	500	12	(-14.500)	
19	EP-17	01	500	500	12	(-14.500)	
20	EP-18	01	500	500	12	(-14.500)	
21	EP-19	01	500	500	12	(-14.500)	
22	EP-20	01	500	500	12	(-14.500)	
23	EP-21	01	500	500	12	(-12.100)	
24	EP-22	01	500	500	12	(-12.100)	
25	EP-23	01	500	500	12	(-14.000)	
26	EP-24	01	500	500	12	(-12.100)	
27	EP-25	01	500	500	12	(-12.100)	
28	EP-26	01	500	500	12	(-12.100)	
29	EP-27	01	500	500	12	(-12.400)	
30	EP-28	01	500	500	12	(-12.400)	
31	EP-29	01	500	500	12	(-12.400)	
32	EP-30	01	300	300	12	(-12.500)	
33	EP-31	04	300	300	12	(-12.500)	
34	EP-32	01	300	300	12	(-12.500)	
35	EP-33	01	500	500	12	(-13.500)	
36	EP-34	01	500	500	12	(-14.000)	
37	EP-35	04	1000	100	12	(-1.65/(-)2.15	
38	EP-M	18	300	300	12	(-0.800)	
39	EP-N	02	300	300	12	(-14.900)	
40	C.S. PLATE 900x550x40	06	500	900	40	(-10.710)	
41	C.S. PLATE 900x800x40	10	900	900	40	(-10.710)	
42	G1	19	350	700	16	(-10.040)	
43	H	10	250	500	12	(-10.040)	



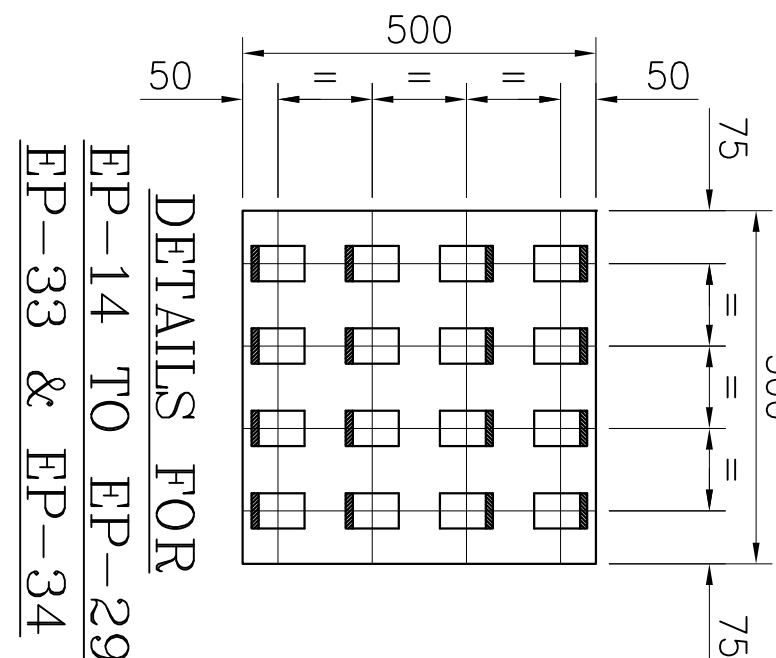
DETAIL FOR EP MARKED E
(TOP OF INSERT PLATE EL(-)0.040M.)



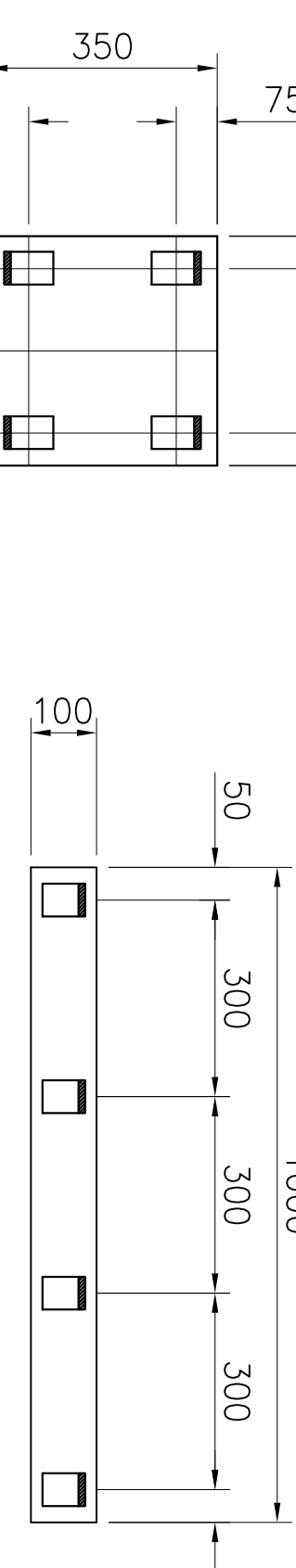
SECTION A-A
(STAIR NOT SHOWN FOR CLARITY)



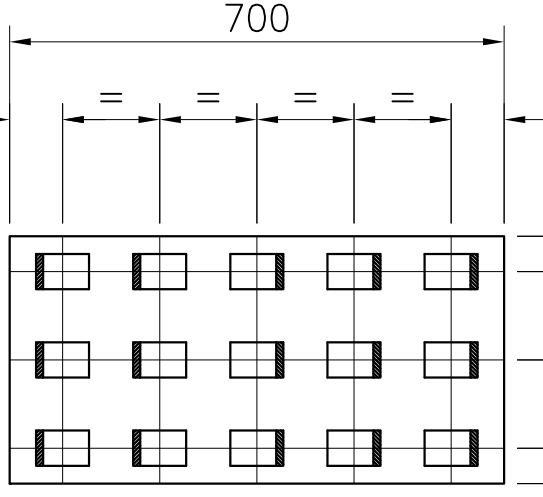
DETAIL FOR EP MARKED E2



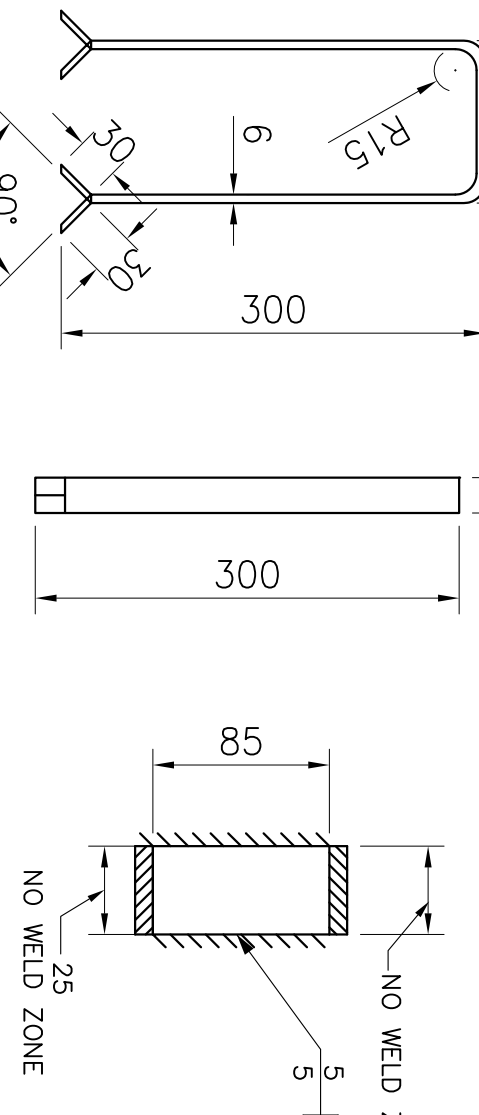
DETAILS FOR
EP-14 TO EP-29
EP-33 & EP-34



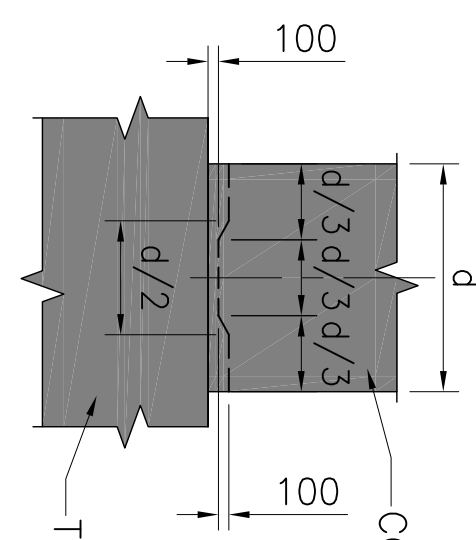
DETAIL FOR EP MARKED EP-35



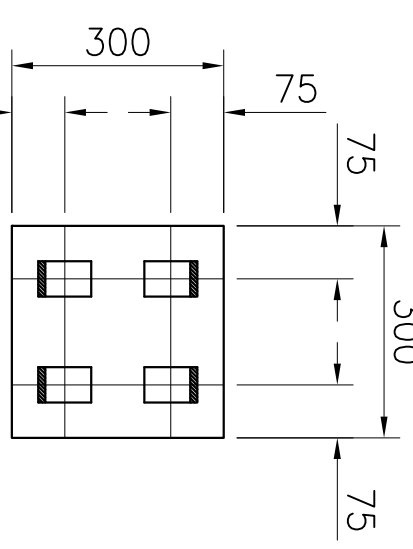
DETAIL FOR FP MARKED G1



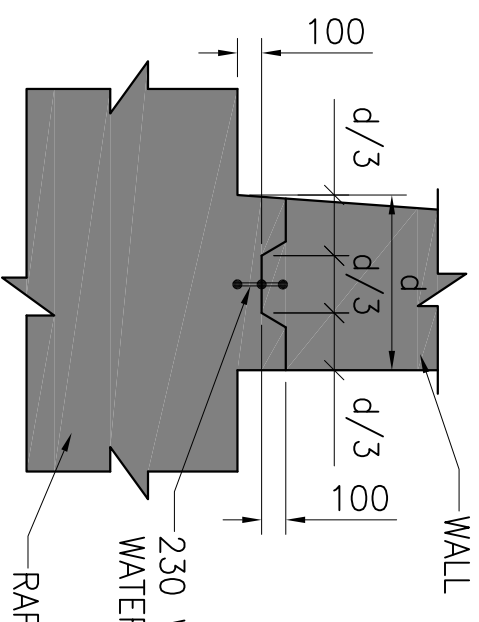
TYPICAL DETAIL OF LUGS
FOR C.S. 900X900X40



STRUCTION JOINT FOR COLUMN



DETAILS FOR FP-M & N



CONSTRUCTION JOINT
FOR WALL

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	THIS DRAWING WARRANTS IS RELEASED FOR ☒ PLANNING ☐ APPROVAL ☐ FABRICATION ☐ PLANNING ☐ INSPECTION ☐ AS BUILT DRAWING ☐ CONSTRUCTION	
SHMP-A1 PREVIOUS REVISION AS SUPERSEDED ISSUED BY SACHIN JAIN SIGNATURE 21.11.2018		

READ THIS DRAWING IN
PE-DG-417-613-C050

NAME	SACHIN JAIN
SIGNATURE	
DATE	21.11.2018

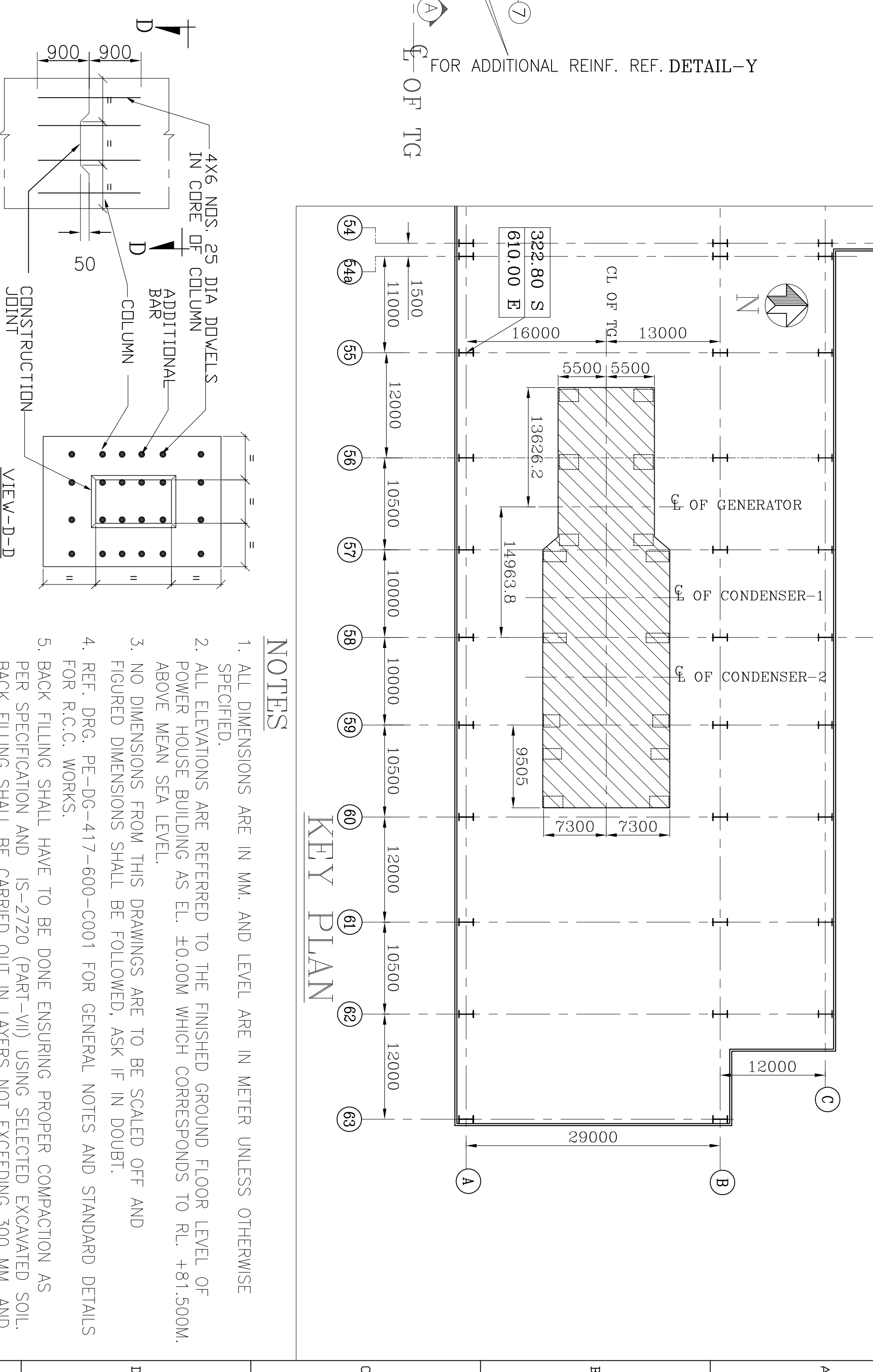
 TELANGANA STATE POWER GENERATION CORPORATION LTD TELANGANA, INDIA 5 x 800 MW YADADRI TPS, NALGONDA TATA CONSULTING ENGINEERS LIMITED BANGALORE, INDIA 

JOB NO.	417	 BHARAT HEAVY ELECTRICALS LTD POWER SECTOR PROJECT ENGINEERING MANAGEMENT Noida
STATUS	CONTRACT	
DISTRIBUTION		
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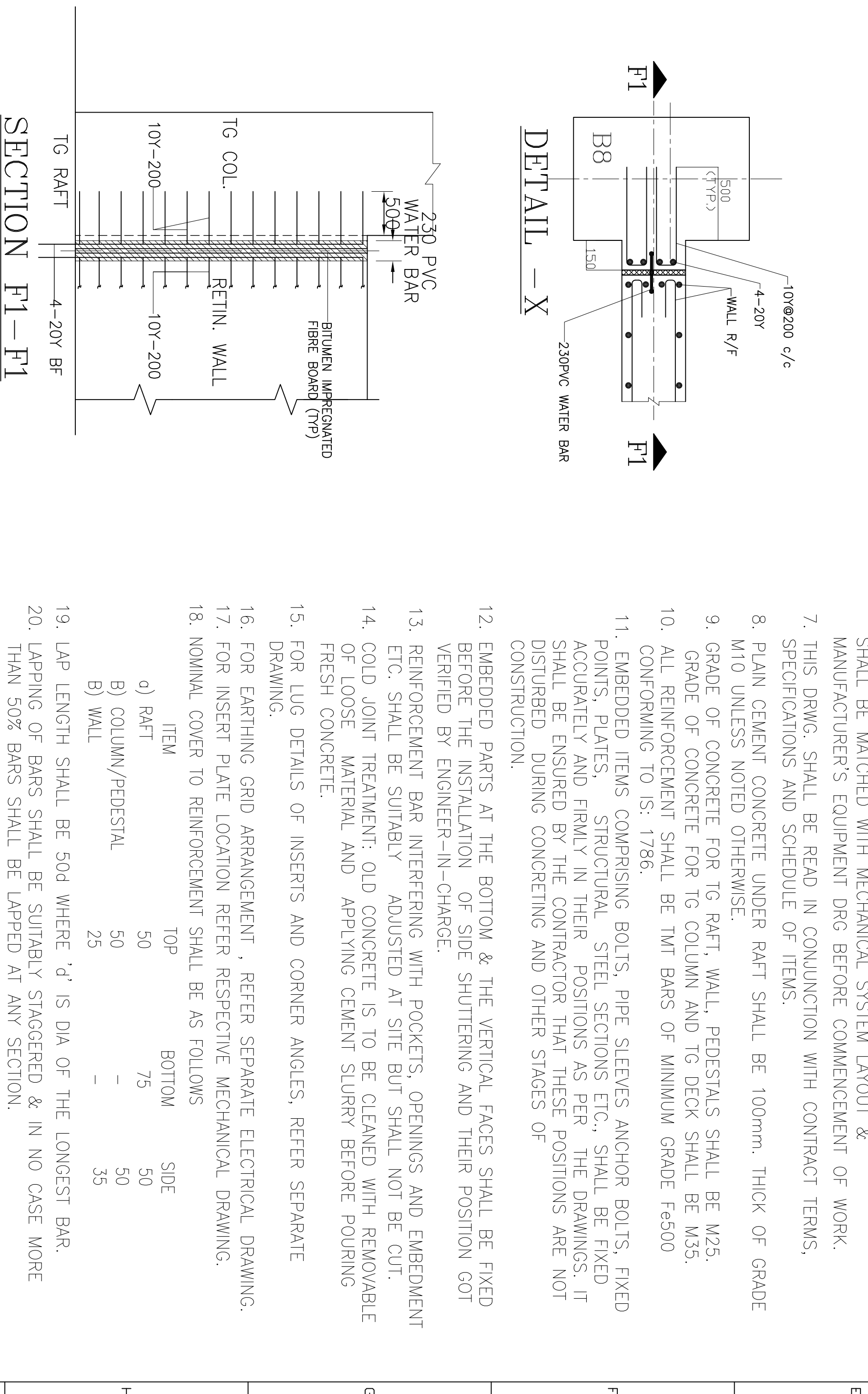
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DEPT	JEN SXS		21/12/08		
DEPT	BKR		21/12/08		
Cd	SJ		21/12/08		
Appr	SPB		21/12/08		

	TITLE
	TC FOUNDATION - G.A. OF SUB-STRUCTURE RAFT SECTION UNIT-5

[illegible]



(TYPICAL FOR CONSTRUCTION JOINT)
(FOR COLUMN & PEDESTAL)



SECTION F1-F1

