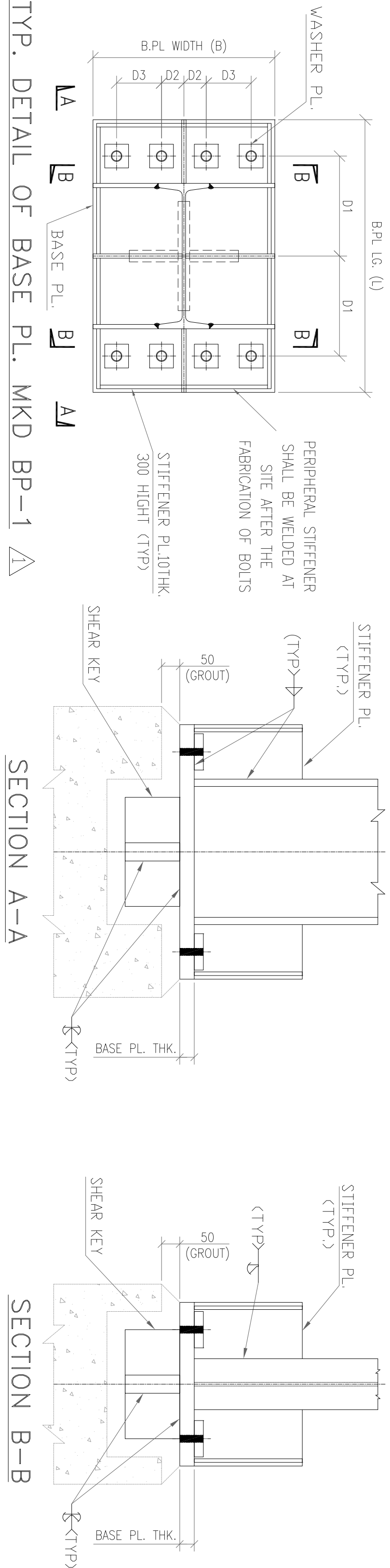
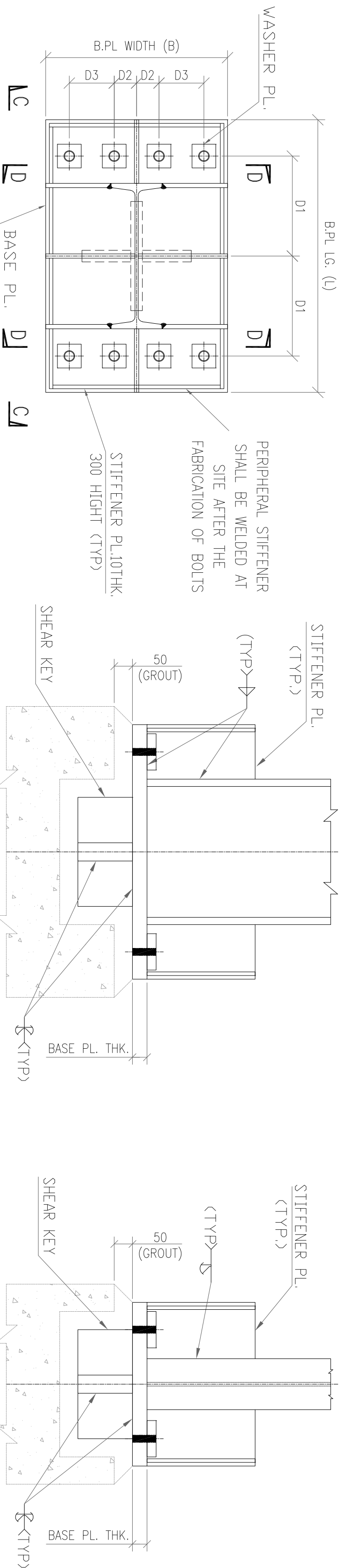




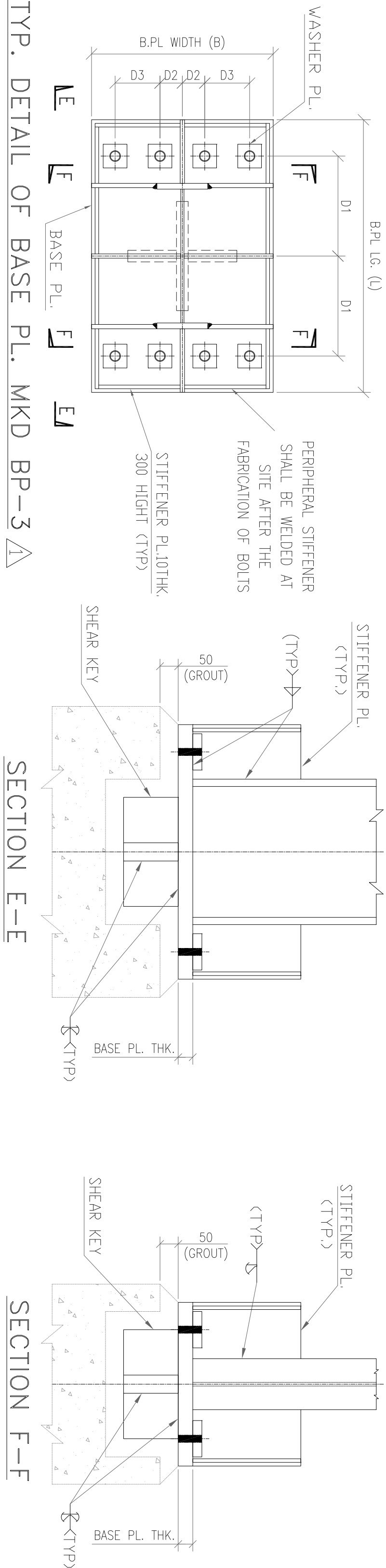
TYP. DETAIL OF BASE PL. MKD BP-1

TYPICAL BASE PLATE DETAIL FOR TYPE-1



TYP. DETAIL OF BASE PL. MKD BP-2

TYPICAL BASE PLATE DETAIL FOR TYPE-2

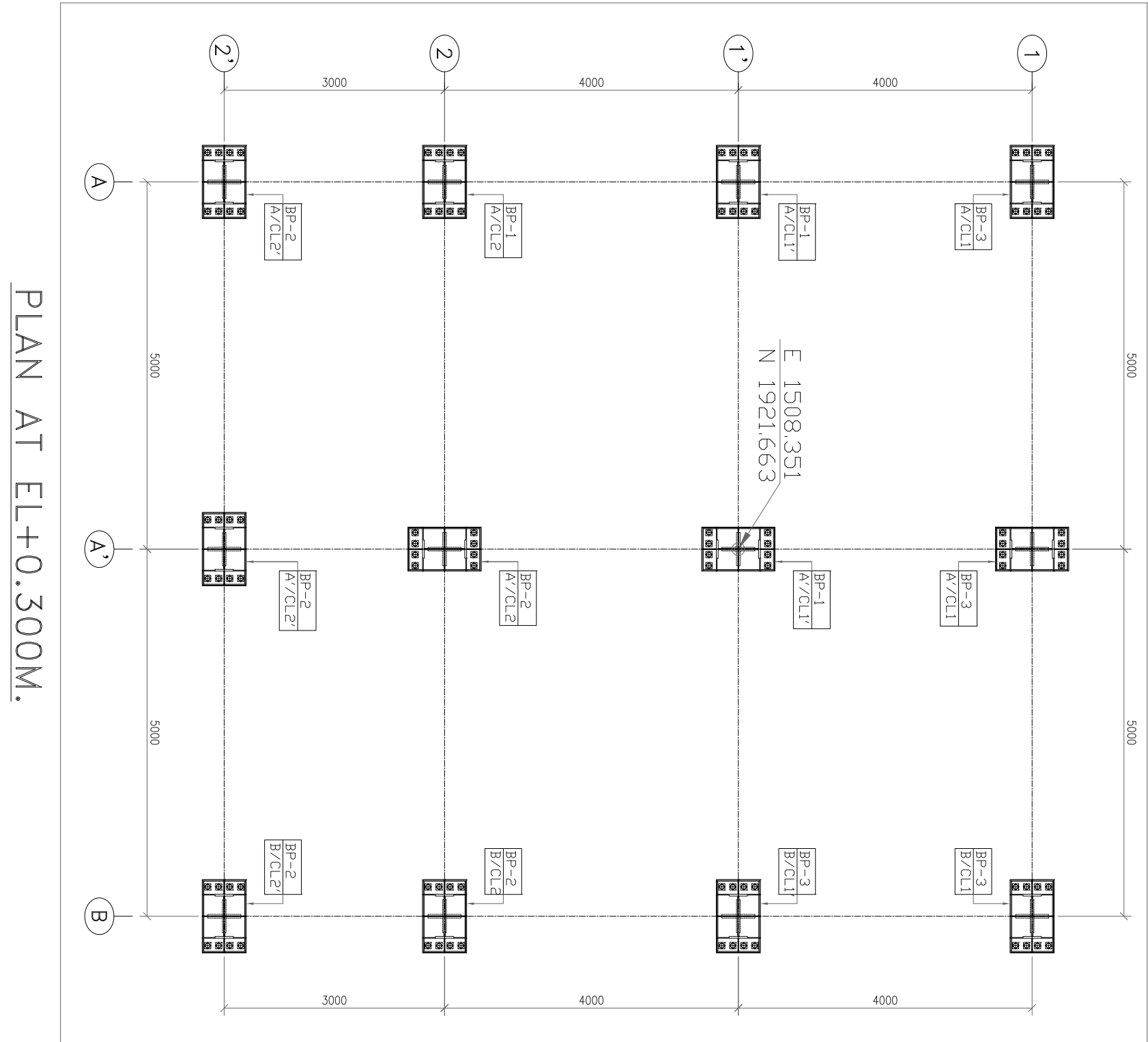
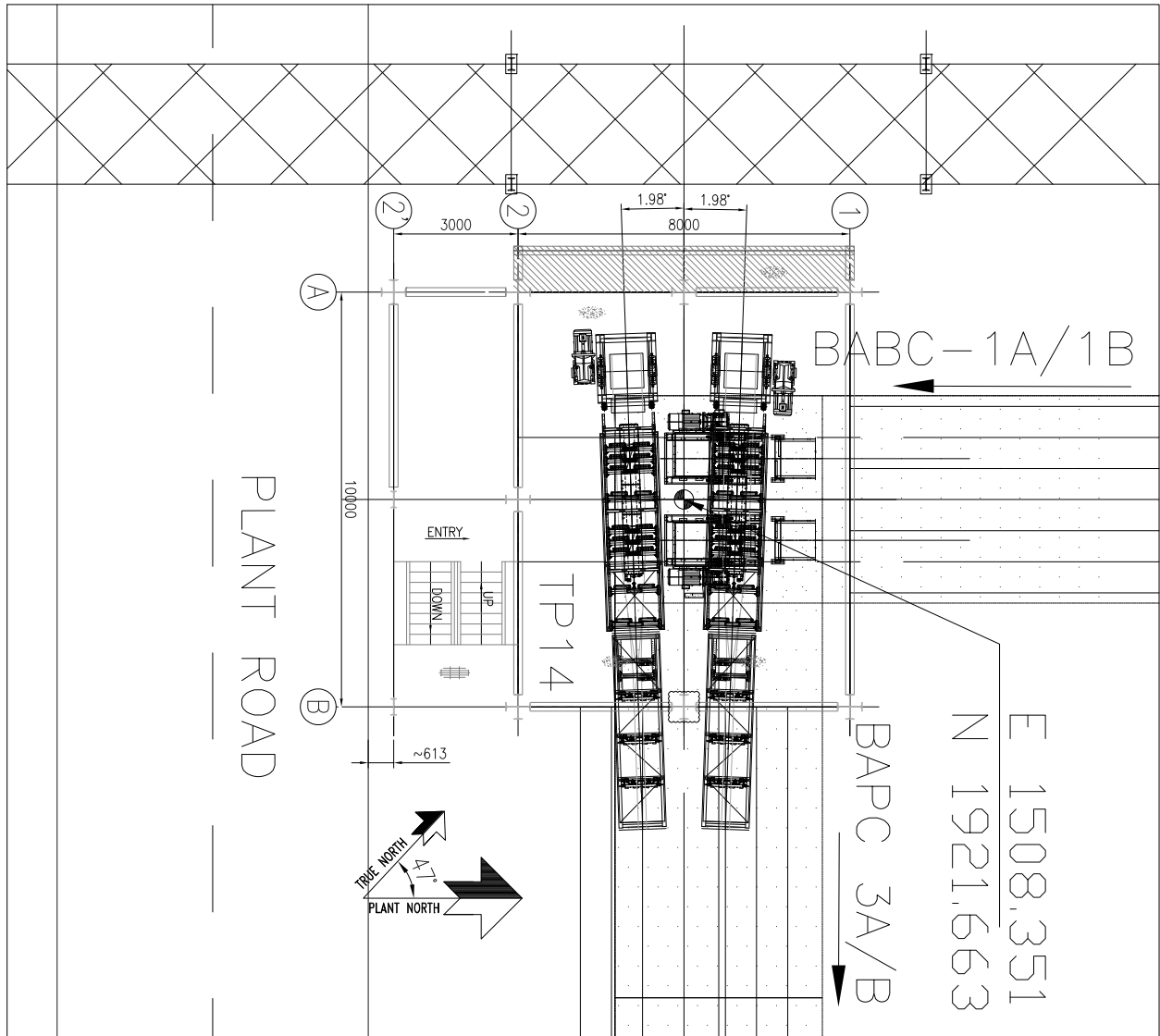


TYP. DETAIL OF BASE PL. MKD BP-3

TYPICAL BASE PLATE DETAIL FOR TYPE-3

SCHEDULE OF BASE PLATES																								
COLUMN MKD.	COLUMN OVERALL SIZE		BASE PLATE MKD.	BASE PLATE TYPE.	BASE PLATE SIZE			STIFFENER PLATE			ANCHOR BOLTS				NOS. OF BOLTS REQD.	WASHER PLATE		SHEAR KEY			WELD SIZE			
	D	B			(L)	(B)	THK.	HEIGHT	THK.	NOS.	LOCATION			NOMINAL DIA(HOLE SIZE)(D)		SIZE	THK.	LENGTH	HEIGHT	THK.				
A/C/L2, A/C/L1 & A/C/L1			BP-1	1	800	550	32	300	12	8	325	75	125	40	47	42	42	8	100	25	200	200	20	10
A/C/L2, A/C/L2, B/C/L2, A/C/L2 & B/C/L2			BP-2	2	900	550	32	300	12	8	375	75	125	40	47	42	42	8	100	25	200	200	20	10
B/C/L1, A/C/L1, A/C/L1 & B/C/L1			BP-3	3	900	600	40	300	12	8	375	75	150	40	47	42	42	8	100	25	200	200	25	10

TOTAL STRUCTURAL STEEL QTS. = 101.2 M.T. (APPROX)



PLAN AT EL+0.300M.

NO.	DATE	REVISION	BY	CHKD.	APPD.
1	09.03.2019	PANCHU	RAWI PONNA	SCC	REVISD AS PER FIGHNER'S COMMENTS
2	29.05.2019	PANCHU	RAWI PONNA	SCC	REVISD AS PER FIGHNER'S COMMENTS
3	21.08.2019	PANCHU	RAWI PONNA	SCC	REVISD AS PER FIGHNER'S COMMENTS
4	13.09.2019	PANCHU	RAWI PONNA	SCC	REVISD AS PER FIGHNER'S COMMENTS

PROJECT
2x660MW MATREE SUPER THERMAL POWER PROJECT, RAMPAL, BANGLADESH
(EPC MAIN PLANT PACKAGE)

OWNER CONSULTANT:

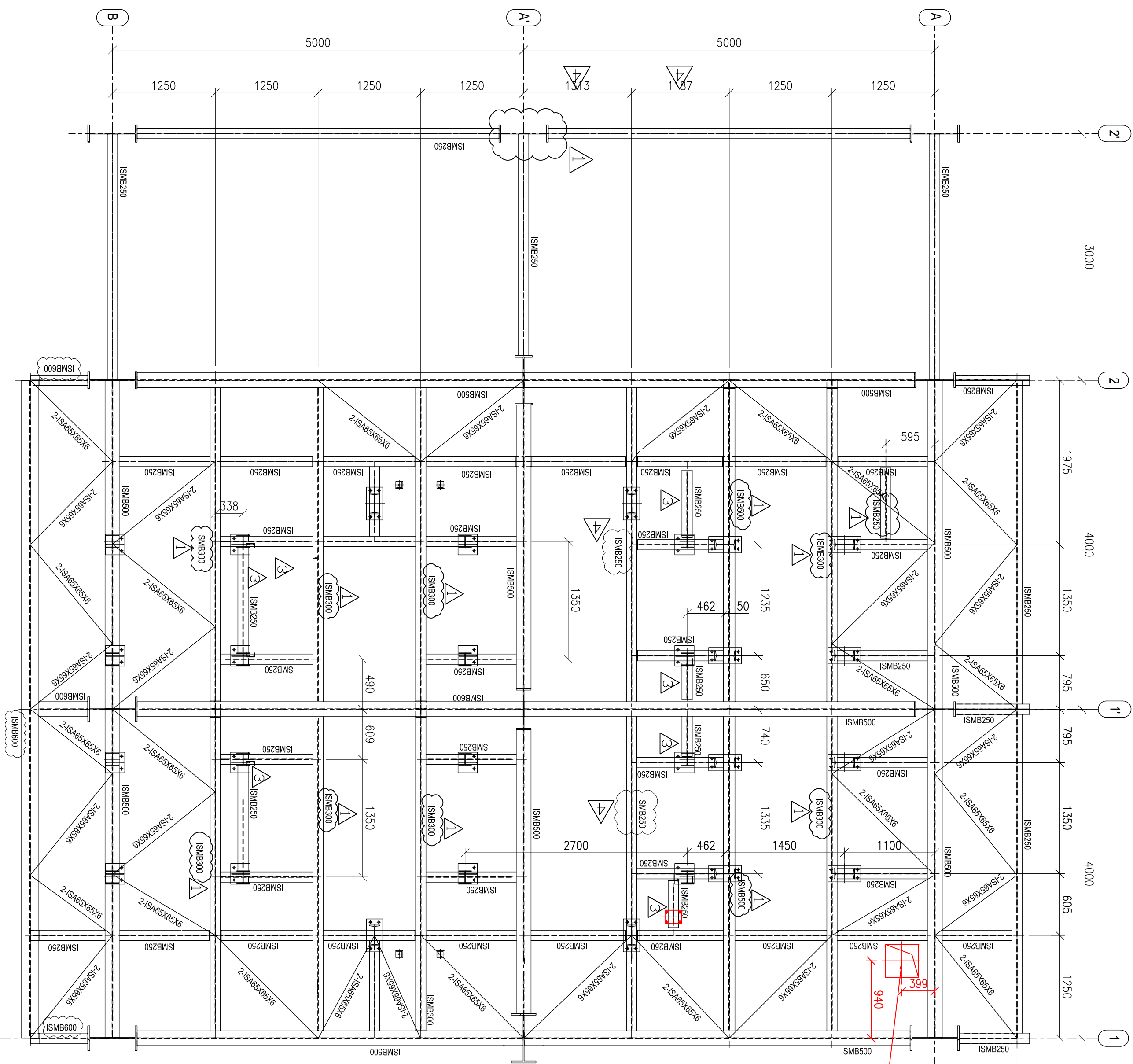
FIGHTNER
M/s FIGHTNER GmbH
& Co KG.
Stuttgart, GERMANY

OWNER:

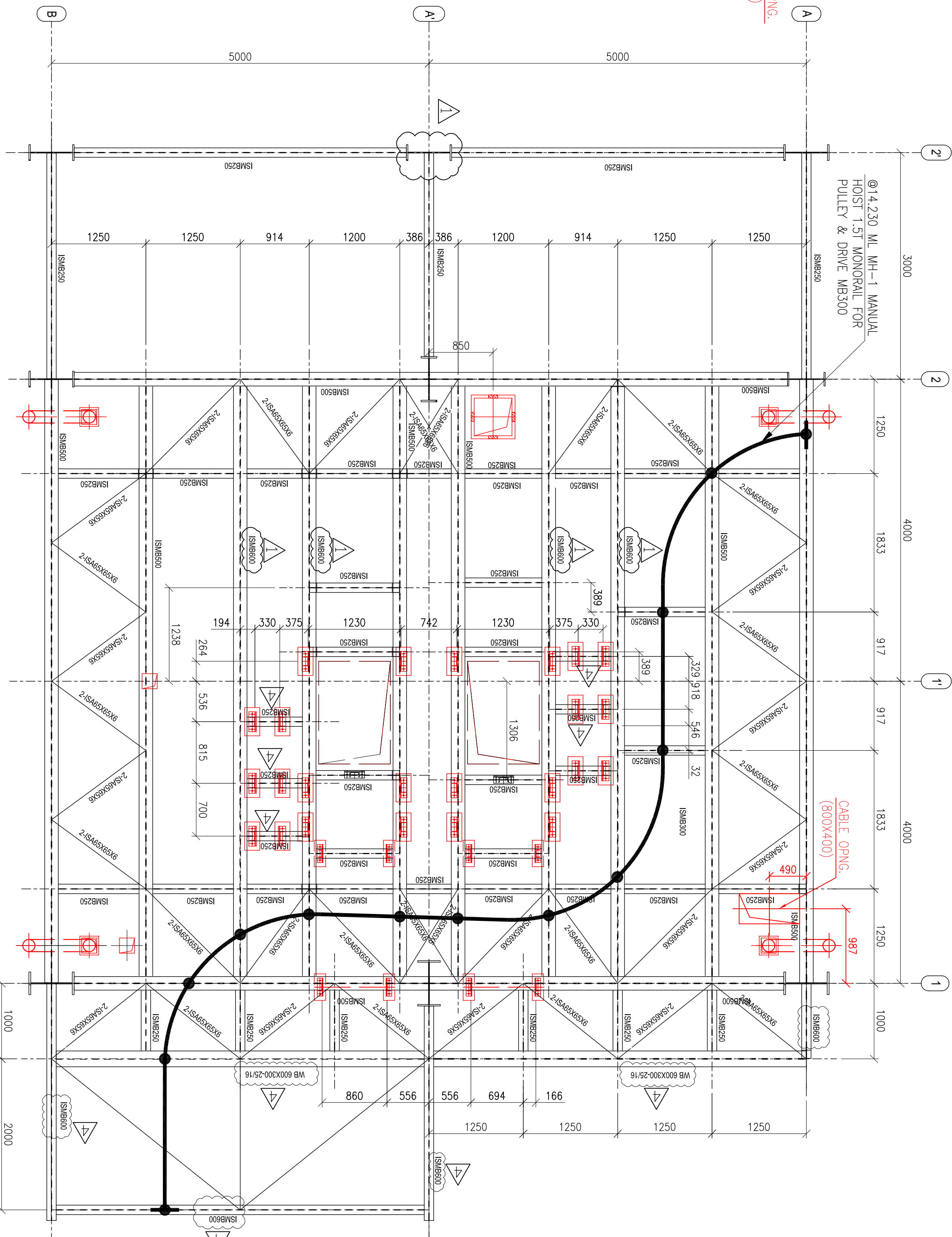
BANGLADESH-INDIA FRIENDSHIP POWER
COMPANY (PVT.) LIMITED, BANGLADESH
BHARAT HEAVY ELECTRICALS LTD
INDUSTRIAL SYSTEMS GROUP
BANGALORE

NO.	DATE	REVISION	BY	CHKD.	APPD.
1	07.12.18	SANTANU	RAWI PONNA	SCC	REVISD AS PER FIGHNER'S COMMENTS
2	07.12.18	PANCHU	RAWI PONNA	SCC	REVISD AS PER FIGHNER'S COMMENTS
3	07.12.18	PANCHU	RAWI PONNA	SCC	REVISD AS PER FIGHNER'S COMMENTS
4	07.12.18	PANCHU	RAWI PONNA	SCC	REVISD AS PER FIGHNER'S COMMENTS

NO.	DATE	REVISION	BY	CHKD.	APPD.
1	07.12.18	SANTANU	RAWI PONNA	SCC	REVISD AS PER FIGHNER'S COMMENTS
2	07.12.18	PANCHU	RAWI PONNA	SCC	REVISD AS PER FIGHNER'S COMMENTS
3	07.12.18	PANCHU	RAWI PONNA	SCC	REVISD AS PER FIGHNER'S COMMENTS
4	07.12.18	PANCHU	RAWI PONNA	SCC	REVISD AS PER FIGHNER'S COMMENTS



FLOOR PLAN AT EL(+10.050M



FLOOR PLAN AT EL(+15.050M

4	13.09.2019	PANCHU	RAVI PONNA	SCC	REVISED AS PER FICHTNER'S COMMENTS
3	21.08.2019	PANCHU	RAVI PONNA	SCC	REVISED AS PER FICHTNER'S COMMENTS
2	29.05.2019	PANCHU	RAVI PONNA	SCC	REVISED AS PER FICHTNER'S COMMENTS
1	09.03.2019	PANCHU	RAVI PONNA	SCC	REVISED AS PER FICHTNER'S COMMENTS
	DATE	ALTERED	CHECKED	APPROVED	NOTE

PROJECT
2x660MW MATREE SUPER THERMAL POWER PROJECT, RAMPAL, BANGLADESH
(EPC MAIN PLANT PACKAGE)

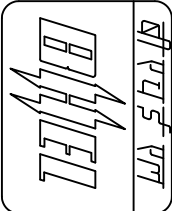
OWNER CONSULTANT:

FICHTNER
M/s FICHTNER GmbH
& Co KG.
Stuttgart, GERMANY

OWNER:

BANGLADESH-INDIA FRIENDSHIP POWER
COMPANY (PVT.) LIMITED, BANGLADESH
BHARAT HEAVY ELECTRICALS LTD
INDUSTRIAL SYSTEMS GROUP
BANGALORE

SCALE:



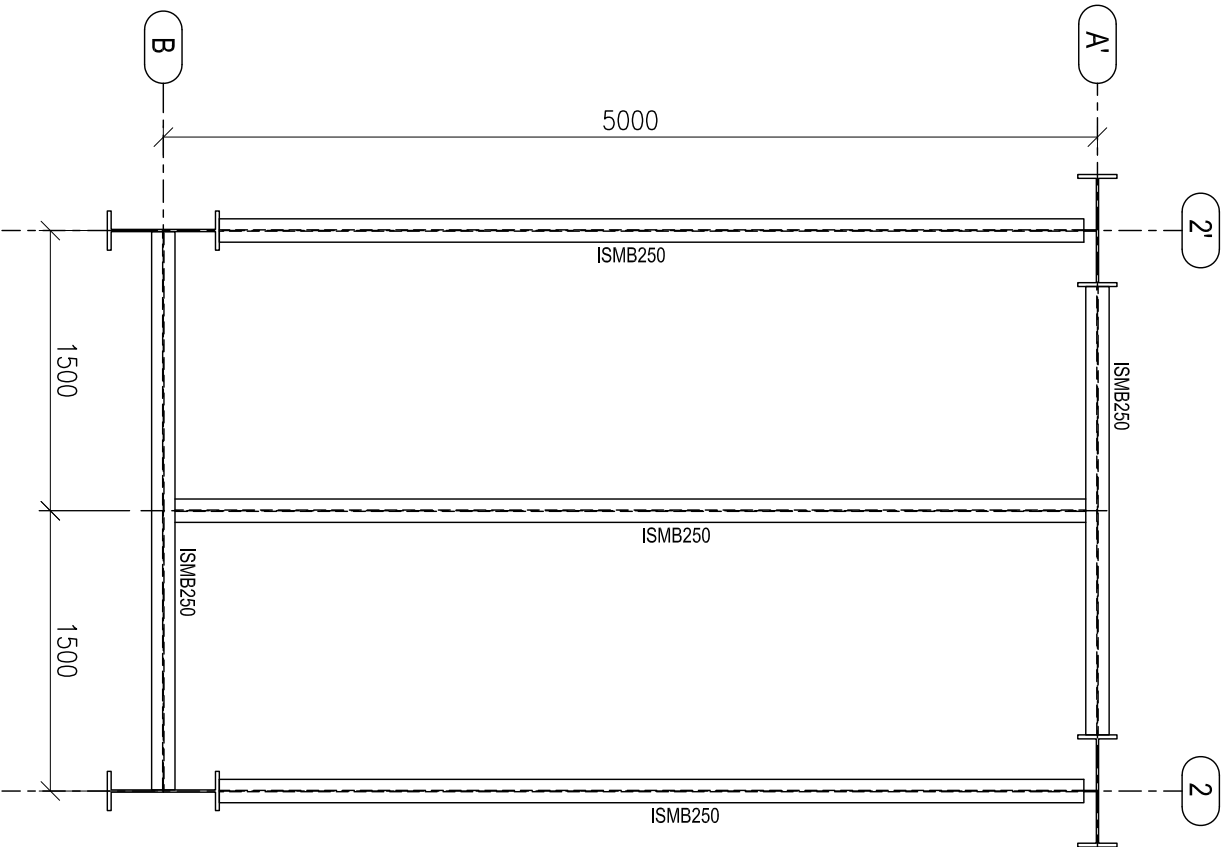
SHEET 2
OF 3

- REFERENCE:-
- MECH DRG NO. : Maitree-00-HDA-LH-176066-ISG-0-GA - MECHANICAL LOAD OF UEU-14
 - TP-14: STRUCTURAL GA DETAILS OF ELEVATION & STAIRCASE Maitree-00-UEU-LC-177510-ISG-1

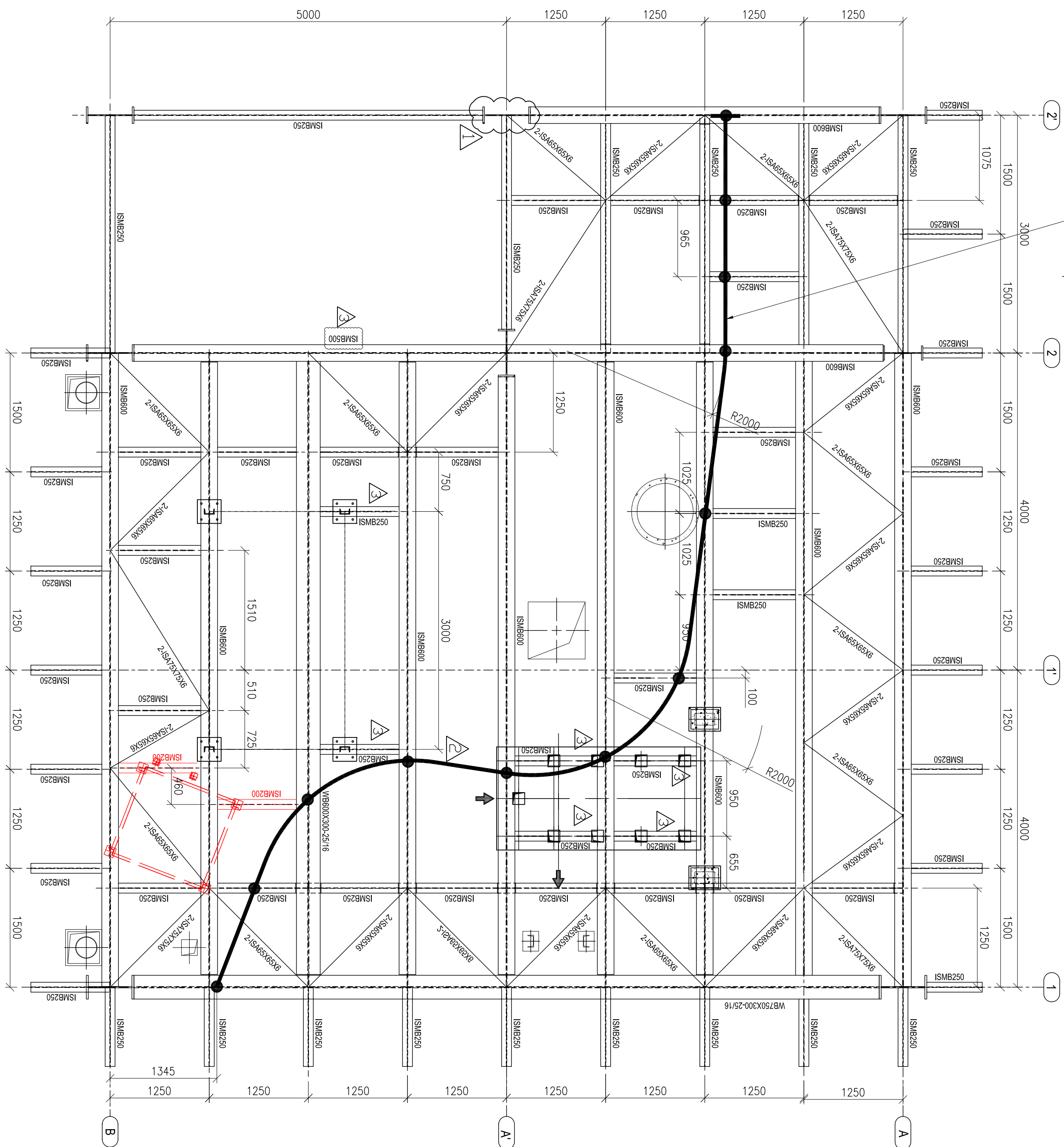
NOTES:-

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS AND CONDITIONS, TECHNICAL SPECIFICATIONS AND SCHEDULE OF ITEMS.
- ALL DIMENSIONS ARE IN MM & ELEVATION IN METERS UNLESS STATED OTHERWISE.
- ALL ELEVATION ARE REFERRED TO THE FINISHED FLOOR LEVEL OF POWER HOUSE BUILDING AS EL. 0.00 M WHICH CORRESPONDS TO RL(+1) 5.60 M.
- FOR ALL OTHER NOTES REFER GENERAL NOTES FOR STRUCTURAL STEEL WORKS DRG. NO. MATREE-00-UTX-LC-100200-PEM.
- GRADE OF STEEL- E350, CONFORMING TO SA/S-2062.
- FOR GROUTING OF BASE PLATE REF. DRG. NO. Maitree-00-UEU-LC-177042-ISG
- CONNECTION DETAILS SHOWN ARE INDICATIVE ONLY. SIZE & THICKNESS OF GUSSETS, NO. & DIA. OF CONNECTION BOLTS ETC. SHALL BE SHOWN IN CORRESPONDING FABRICATION DRG.

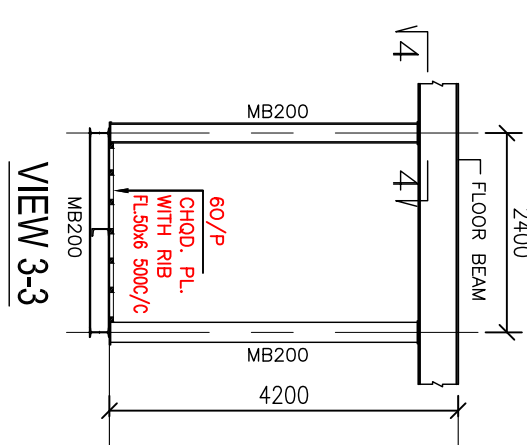
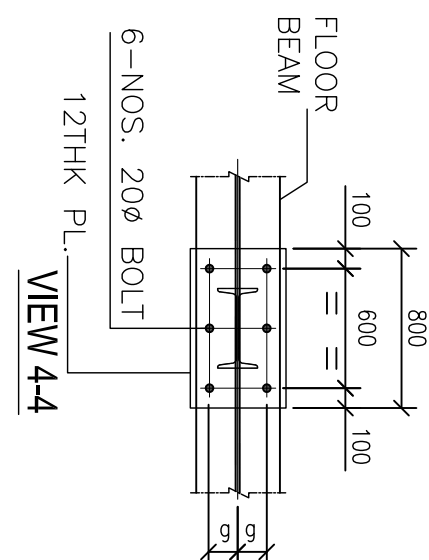
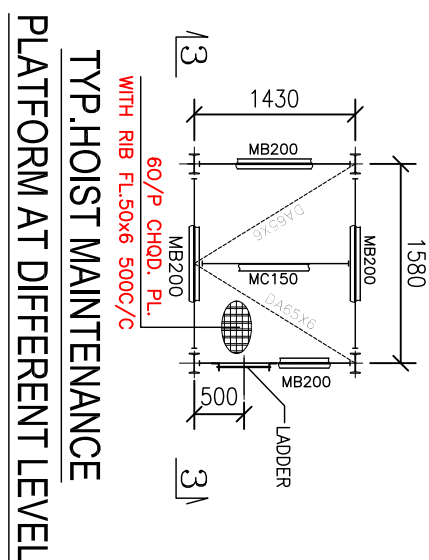
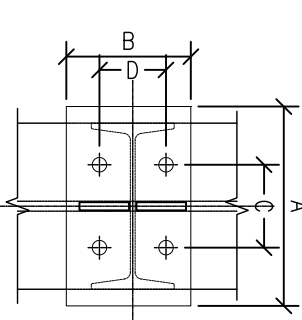
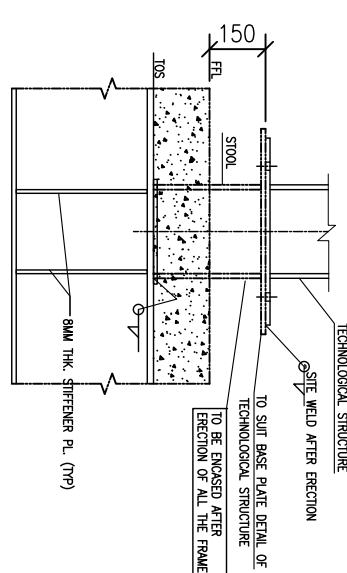
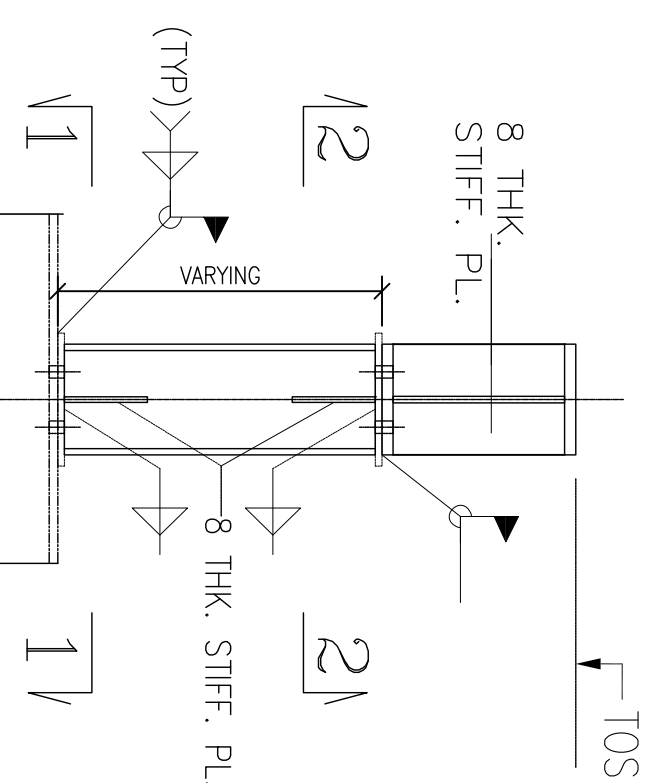
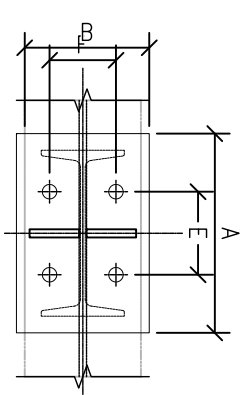
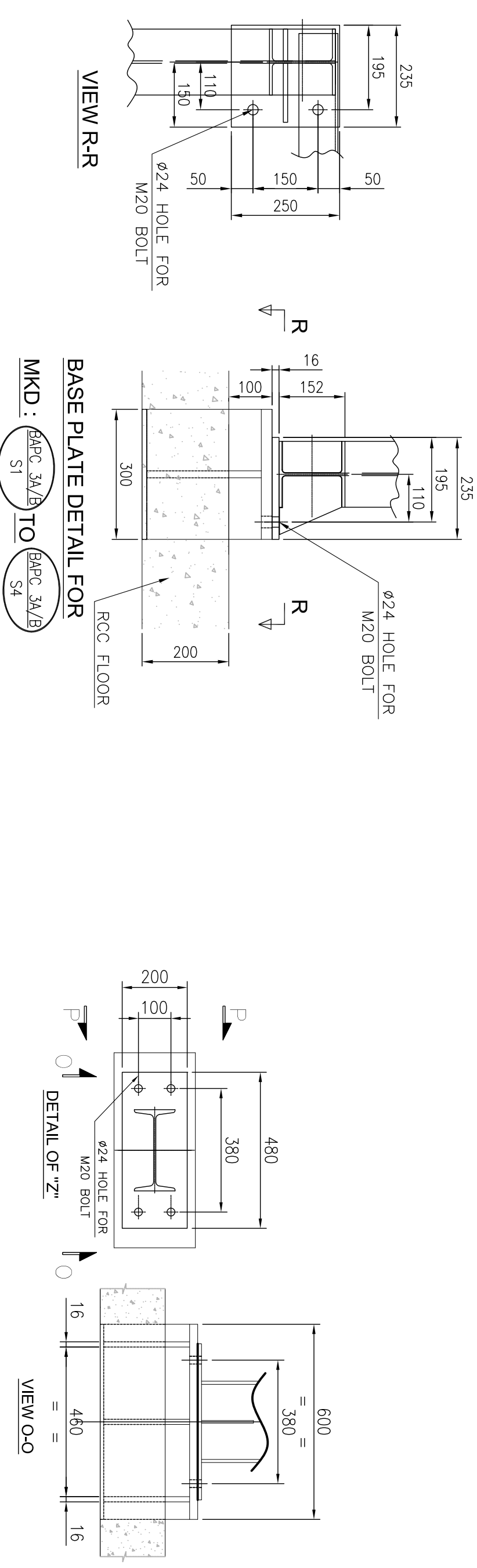
FLOOR PLAN AT EL(+22.900M



@19.800 ML EH-1
 ELECTRIC HOIST 2T
 MONORAIL FOR
 PULLEY & DRIVE



FLOOR PLAN AT EL(+)¹9.900M



NOTES:-

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS AND CONDITIONS, TECHNICAL SPECIFICATIONS AND SCHEDULE OF ITEMS.
2. ALL DIMENSIONS ARE IN MM & ELEVATION IN METERS UNLESS STATED OTHERWISE.
3. ALL ELEVATIONS ARE REFERRED TO THE FINISHED FLOOR LEVEL OF POWER HOUSE BUILDING AS EL. 0.00 M WHICH CORRESPONDS TO RL (+) 5.60 M.
4. FOR ALL OTHER NOTES REFER GENERAL NOTES FOR STRUCTURAL STEEL WORKS DRG. NO. MATREE-00-UTX-LC-1002200-PEM.
5. GRADE OF STEEL- E350, CONFORMING TO SA/S-2062.
6. FOR GROUTING OF BASE PLATE REF. DRG. NO. MATREE-00-UEF-LC-177042-1SG
7. CONNECTION DETAILS SHOWN ARE INDICATIVE ONLY, SIZE & THICKNESS OF GUSSETTS, NO. & DIA. OF CONNECTION BOLTS ETC. SHALL BE SHOWN IN CORRESPONDING FABRICATION DRG.

REFERENCE:-

1. MECH DRG NO. : Maitree-00-HDA-LH-176066-ISG-0-GA _ MECHANICAL LOAD OF UEU-14

4	13.09.2019	PACHU	RAW_PONNA	SCC	REVISED AS PER TIGHNER'S COMMENTS
2	21.08.2019	PACHU	RAW_PONNA	SCC	REVISED AS PER TIGHNER'S COMMENTS
3	29.05.2019	PACHU	RAW_PONNA	SCC	REVISED AS PER TIGHNER'S COMMENTS
1	09.03.2019	PACHU	RAW_PONNA	SCC	REVISED AS PER TIGHNER'S COMMENTS
	DATE	ALTERED	CHECKED	APPROVED	NOTE

PROJECT			2x600MW MATTREE SUPER THERMAL POWER PROJECT, RAMPAL, BANGLADESH																	
OWNER CONSULTANT:			OWNER: BANGLADESH-INDIA FRIENDSHIP POWER COMPANY (PVT.) LIMITED, BANGLADESH																	
FICHTNER M/s FICHTNER GmbH & Co KG, Stuttgart, GERMANY																				
<table><tr><td></td><td>DATE</td><td>NAME</td></tr><tr><td>DRAWN BY</td><td>07.12.18</td><td>PANCHU</td></tr><tr><td>DESIGN BY</td><td>07.12.18</td><td>P.Verno</td></tr><tr><td>CHECKED BY</td><td>07.12.18</td><td>RAU POUNA</td></tr><tr><td>APPROVED BY</td><td>07.12.18</td><td>SCC</td></tr></table>				DATE	NAME	DRAWN BY	07.12.18	PANCHU	DESIGN BY	07.12.18	P.Verno	CHECKED BY	07.12.18	RAU POUNA	APPROVED BY	07.12.18	SCC			
	DATE	NAME																		
DRAWN BY	07.12.18	PANCHU																		
DESIGN BY	07.12.18	P.Verno																		
CHECKED BY	07.12.18	RAU POUNA																		
APPROVED BY	07.12.18	SCC																		
TITLE			BHARAT HEAVY ELECTRICALS LTD INDUSTRIAL SYSTEMS GROUP BANGALORE																	
SUPERSEDED BY:			SCALE:																	
SYSTEM:			SHEET 3 OF 3																	
SIZE:			PROJECT NO. 421 FILE:																	
ANNEX:			DRAWING NO. Maitree-00-UETU-LC-177509-1SG																	
			REV 4																	