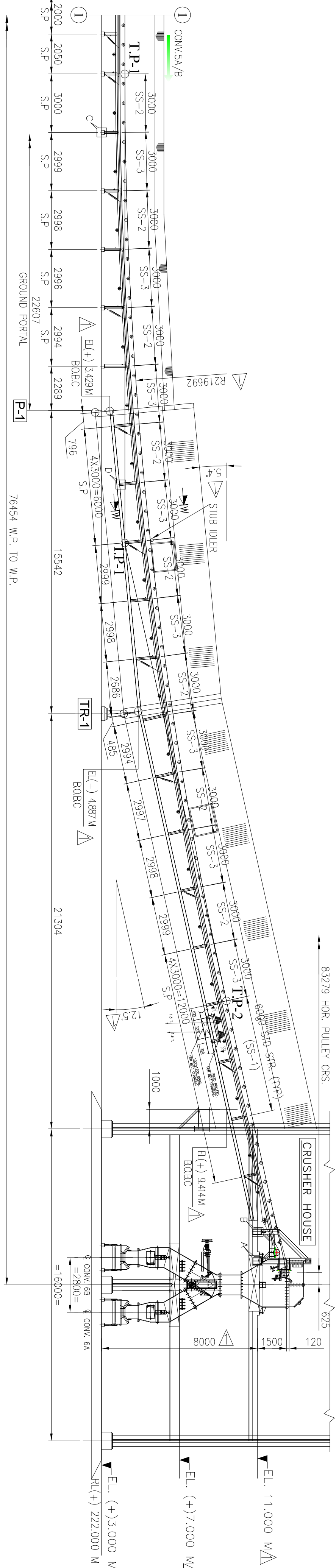


CUSTOMER : NTPC SAIL Power Supply Company Pvt. Ltd.				
PROJECT : 1X250 MW Rourkela Power Project PP-II				
Sl. No.	Comments zone	MECON/NSPCL comments	BHEL Compliance/Clarifications Dtd.	Remarks
Comments marked on the attached Drg.				
Document Title : GA & LOAD DATA OF CONV-5AB				
Document Number :IS-1-GA-708-101-M012, REV-5AB				
1	SHEET-1	In the plan view, trestle footing are to be marked.	Marked	
2	SHEET-1	Ground portal footing are to be marked.	The ground portal footing details are shown in the civil drawing and the reference of the civil drawing is mentioned. There are 8 footings of ground portals and depiction of this in mechanical GA drawing makes it clumsy.	
3	SHEET-1 ELEVATION	Shall be taken care of in the TP-2 structural drawing	Noted	
4	SHEET-2 IDLERS PROFILE	Due to close feeding point, all impact idlers to be considered below the skirt	Complied	
5	SHEET-2	Pulley details (Shell Thk, lagging rubber hardness, Brg type, brg dia etc) to be indicated as per DBR.	All technical specs have been provided	
6	SHEET-2	Idler details (Brg type, Brg dia etc) to be indicated as per DBR.	All technical specs have been provided	
7	SHEET-2	Pull Chord switch shall be addressable type.	Complied. Details shall be provided in the corresponding electrical drawing	
8	SHEET-2	Scarp material shall be noted as per DBR.	Complied	
9	SHEET-2	Gear box Model no, Mech & thermal rating, type of cooling to be furnished.	All technical specs have been provided	
10	SHEET-2	All coupling details (Rating, Model no) to be indicated.	All technical specs have been provided	
11	SHEET-3 VIEW Q-Q	Conveyor side view to be corrected	Rectified	
12	SHEET-3	Mark the distance from TO.C TO T.O.S	Marked	
13	DETAIL -4 3 SHEET	Horz Load=?	Indicated	
14	VIEW 4-4 SHEET-4	CWT value=?	It is shown in technical spec. In all the conveyor GA drawings, the counterweights are shown in the technical spec. For congruence, we have not shown it in the take up arrangement	
15	PLAN AT EL.(+) 9.000LVL SHEET-4	load at each sheave point to be marked	Marked	
16	LOAD TABLE FOR FOR TAKE-UP FRAME SHEET-4	PI check W.r,t total 6t pull	Revised	6T pull will not directly transferred to the footings of the rail bar supports. The load transferred will be the distributed load of the impact force imparted when the belt snaps and the trolley hits the buffer. Considering an impact factor of 1.5, the impact force will be 9T. 9T divided by 6 footings gives a load of 1.5T/footing (along the conveyor). Across the conveyor load is taken as 20% of the along the conveyor load. The values have been modified

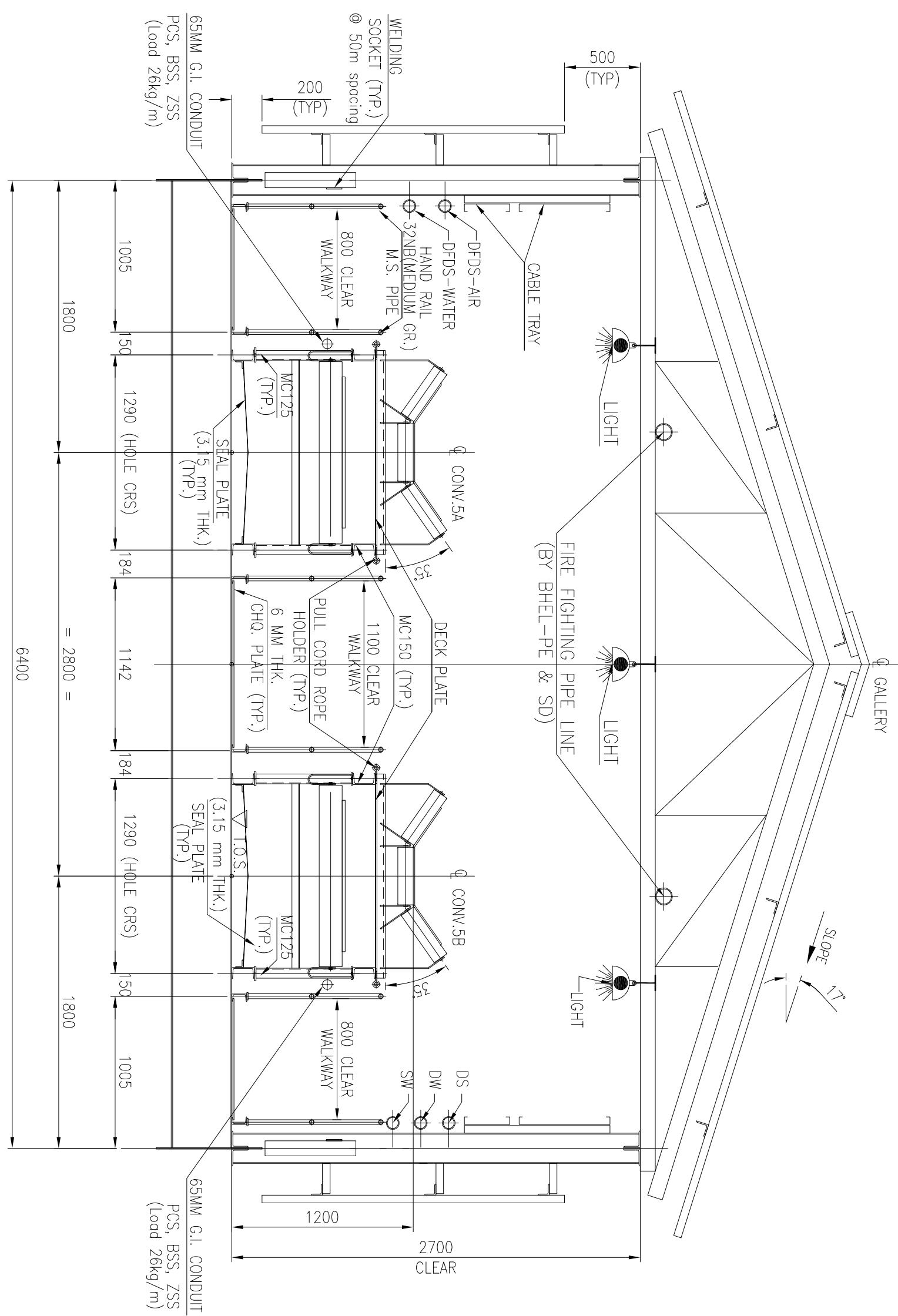




IDLERS OF CONV. 5A&B

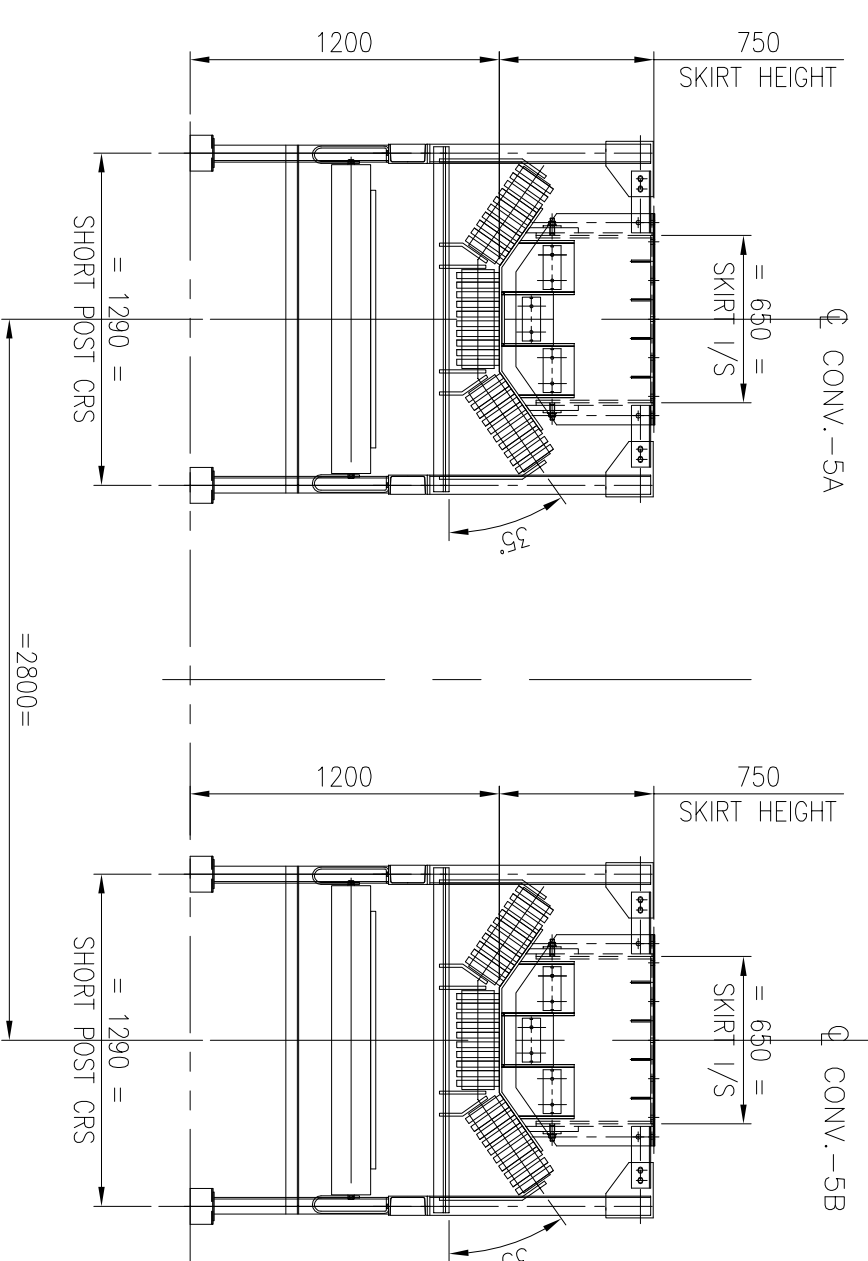


SWITCHES OF CONV. 5A&B



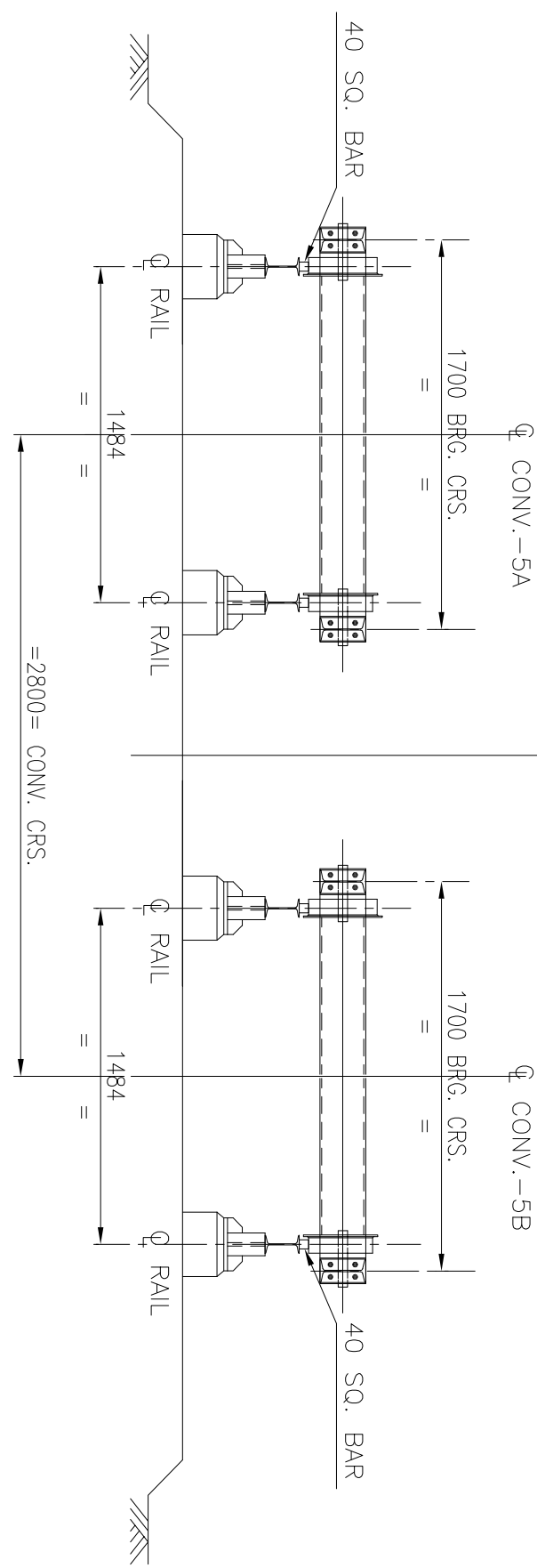
TYPICAL GALLERY CROSS SECTION

(1000 BELT WIDTH) (LOOKING FROM TAIL END SIDE)



SECTION : V – V

(TYPICAL CROSS SECTION OF SKIRT)



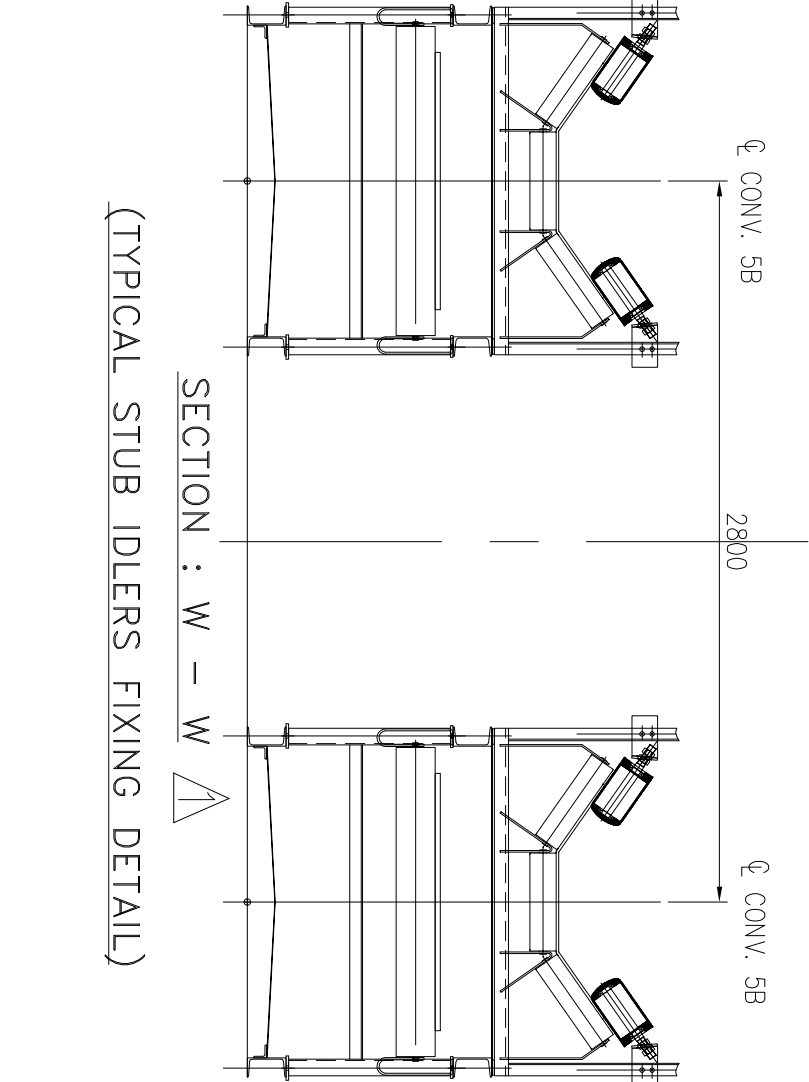
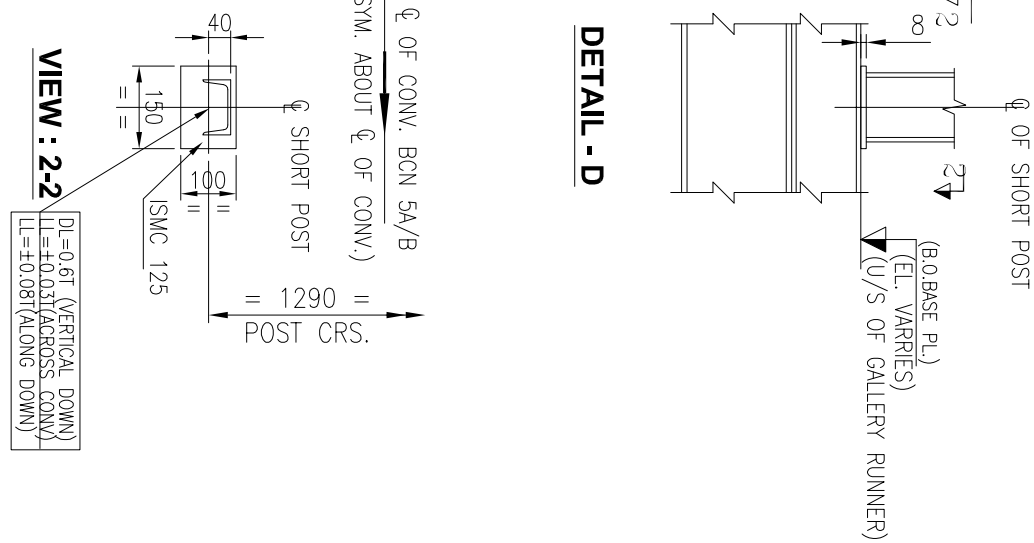
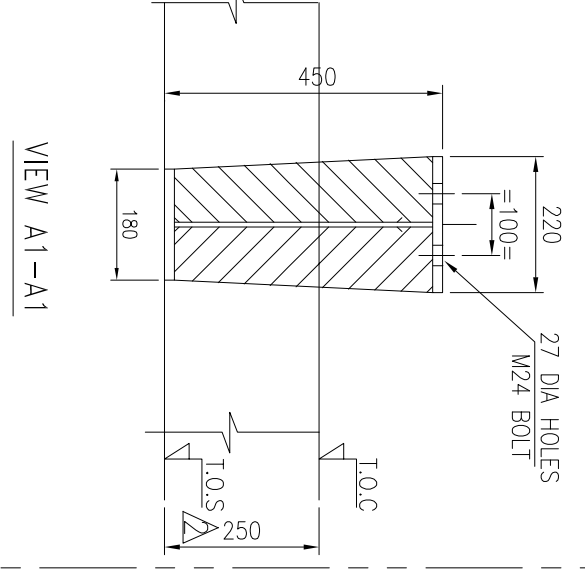
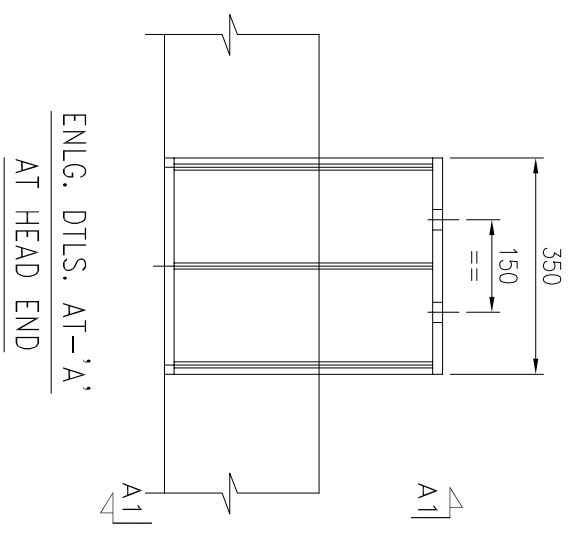
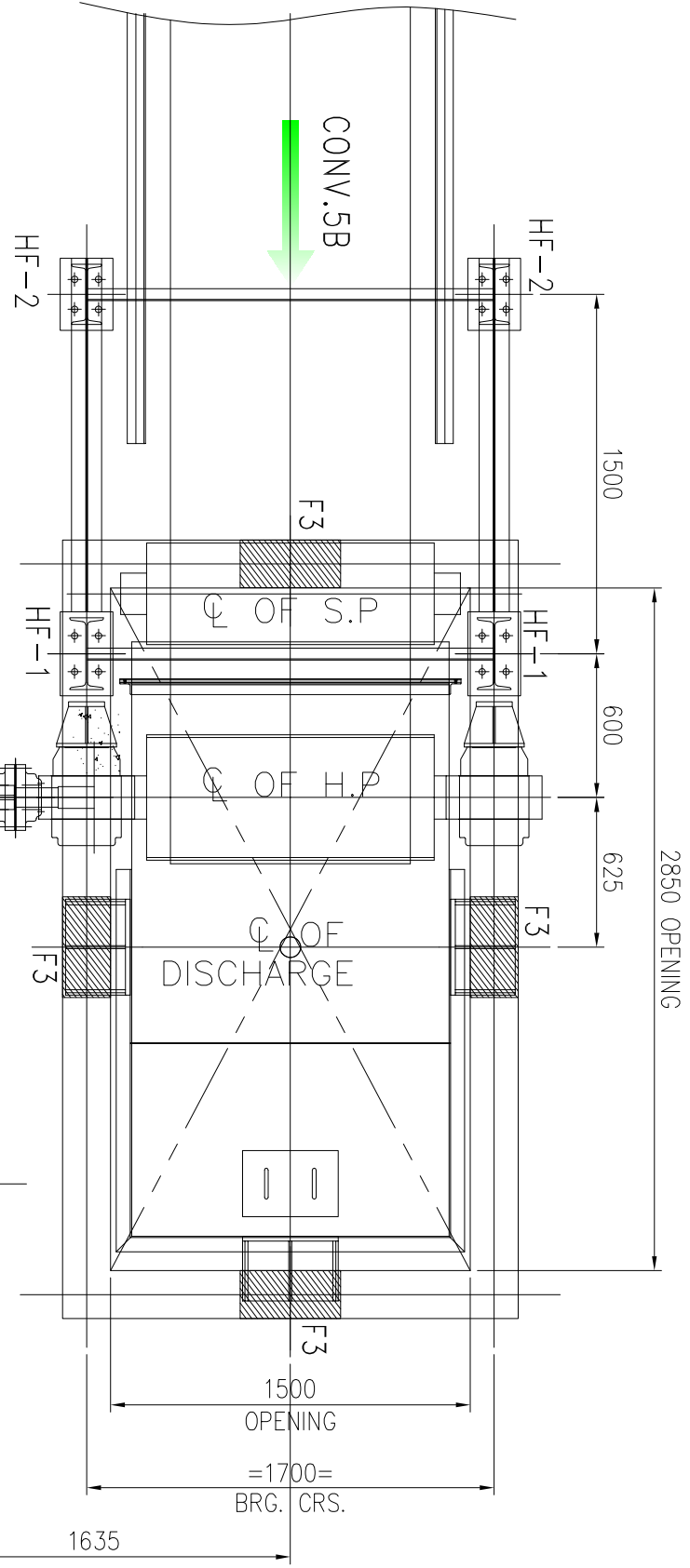
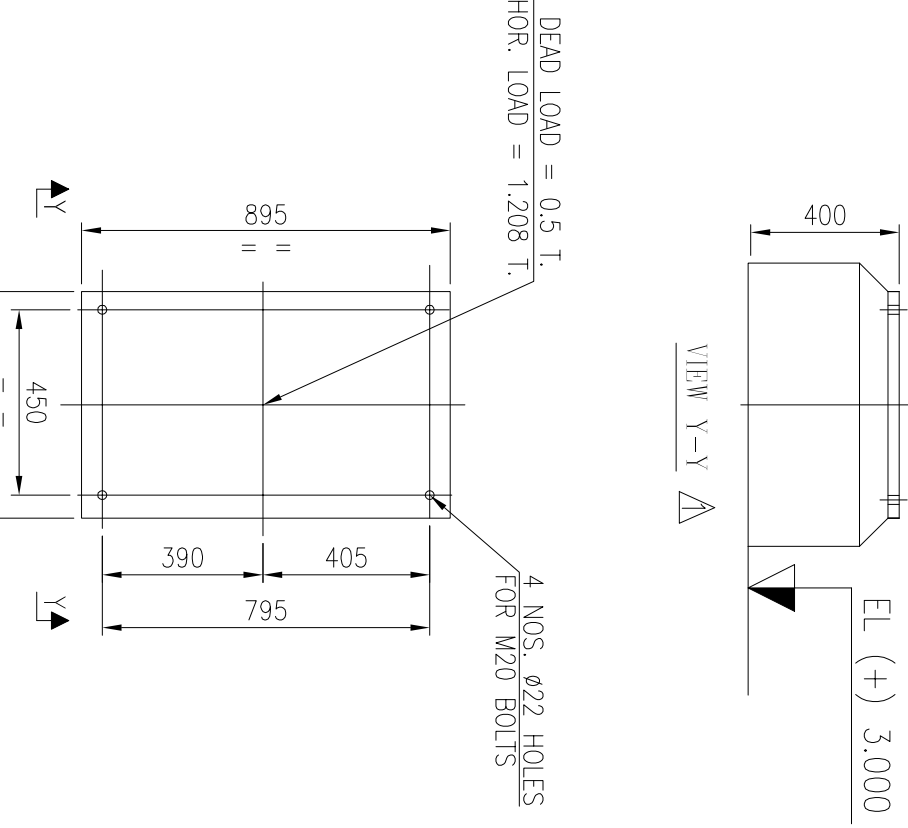
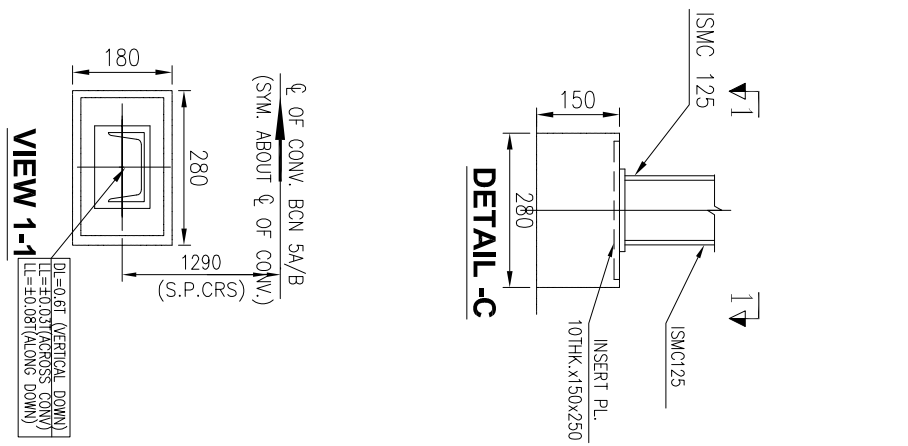
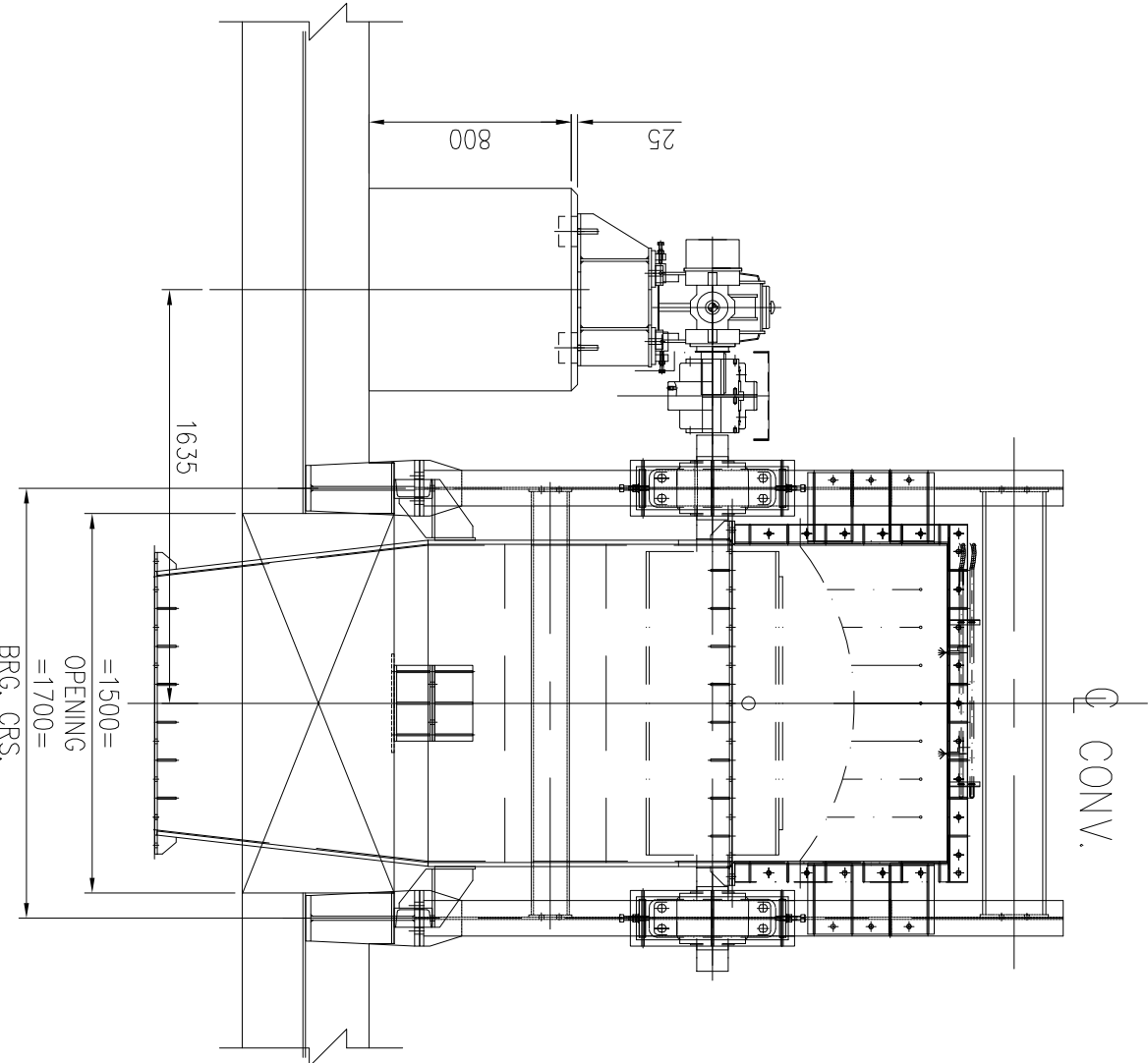
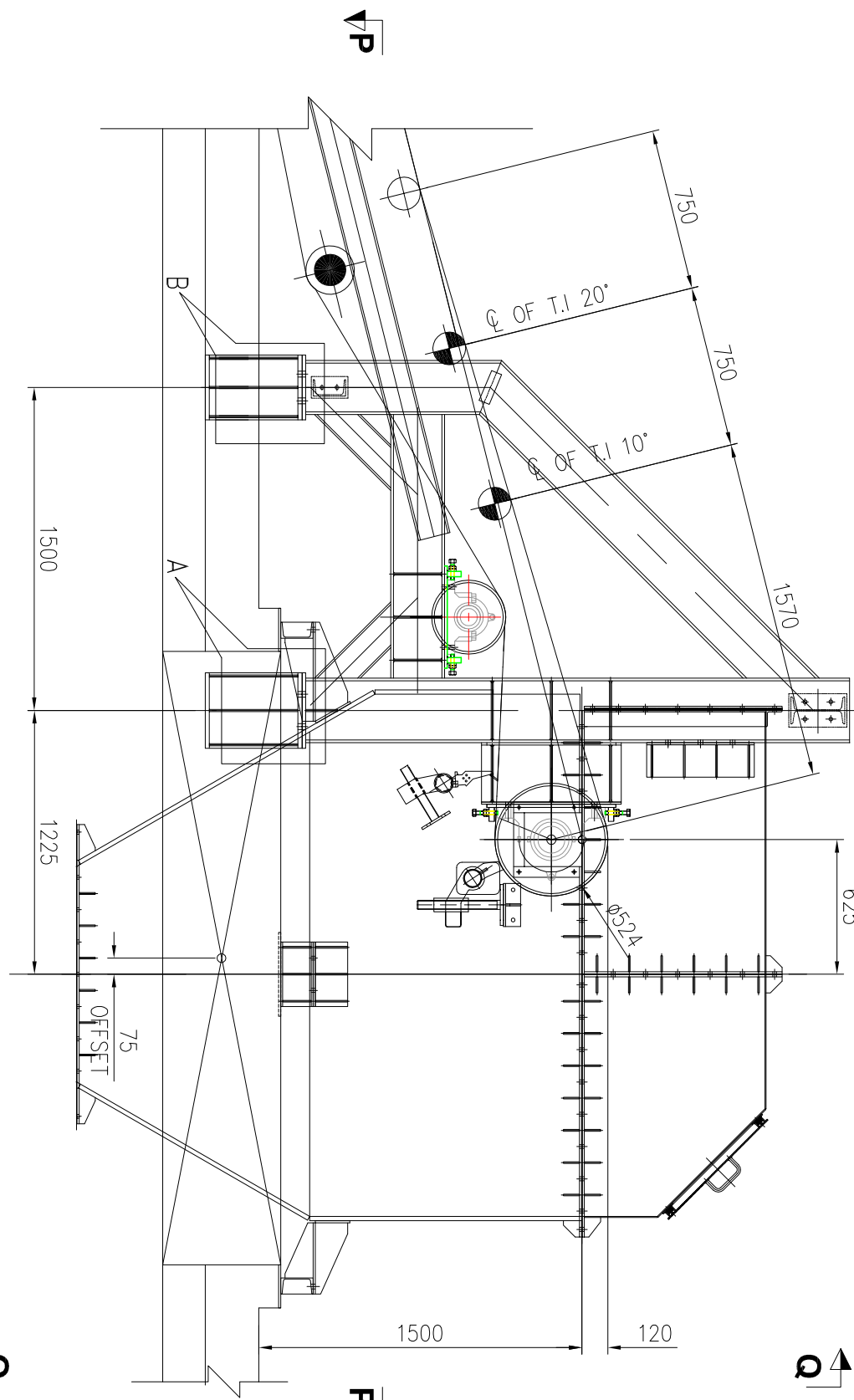
SECTION - 'C-C'

PROJECT :	ROURKELA PH-II EXPANSION PROJECT (1X250 MW)
OWNER:	NTPC-SAIL POWER COMPANY PVT. LTD.
 NTPC CONSULTANT	MECON LIMITED भोकारन ताजगटिड
	

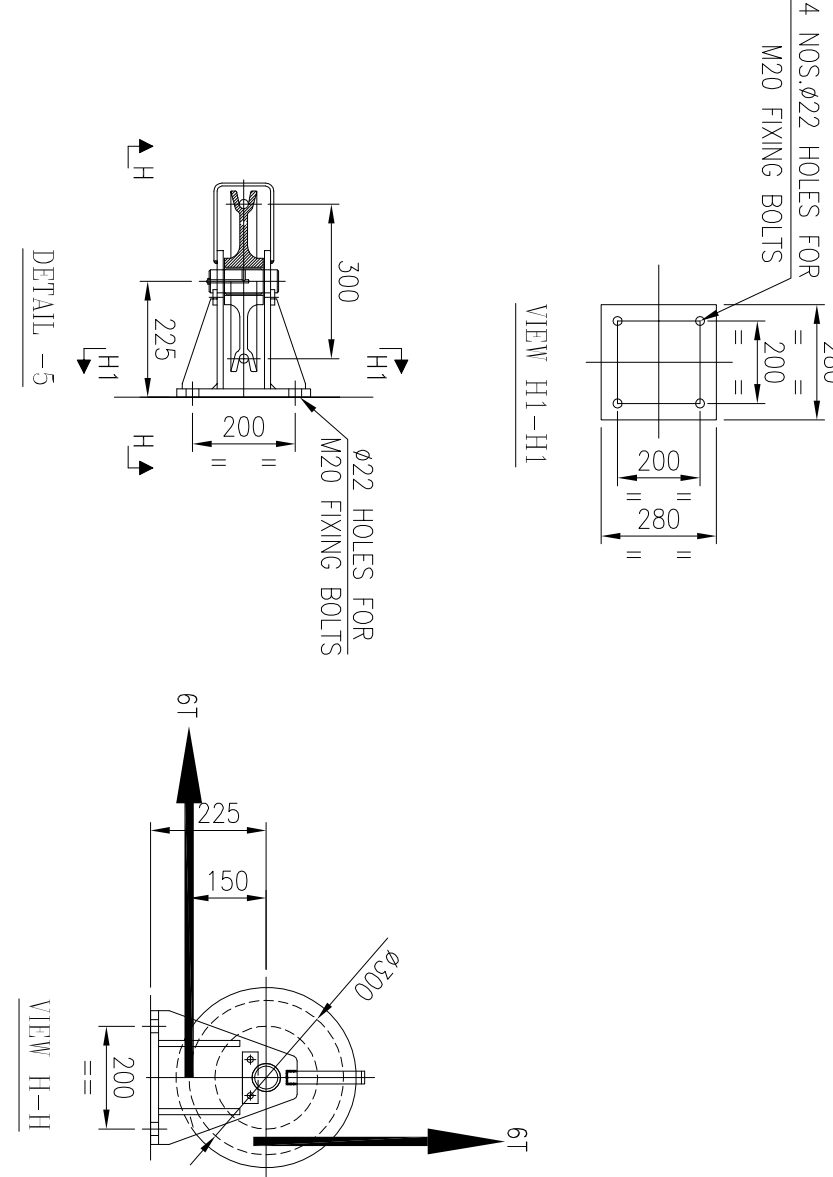
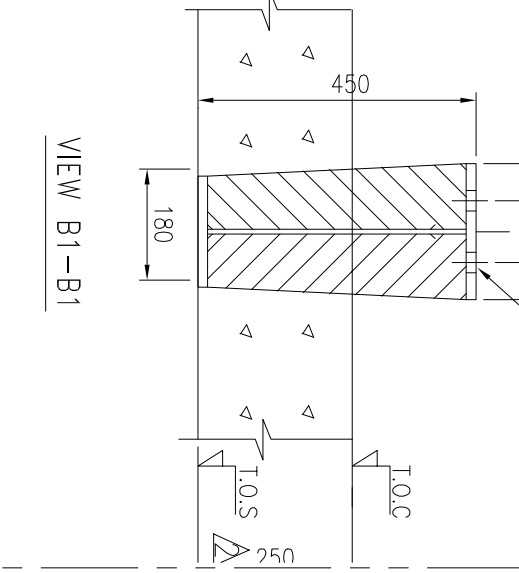
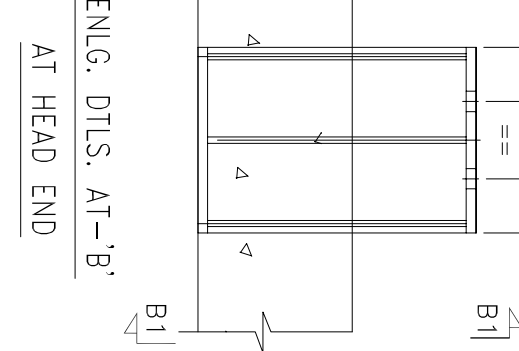
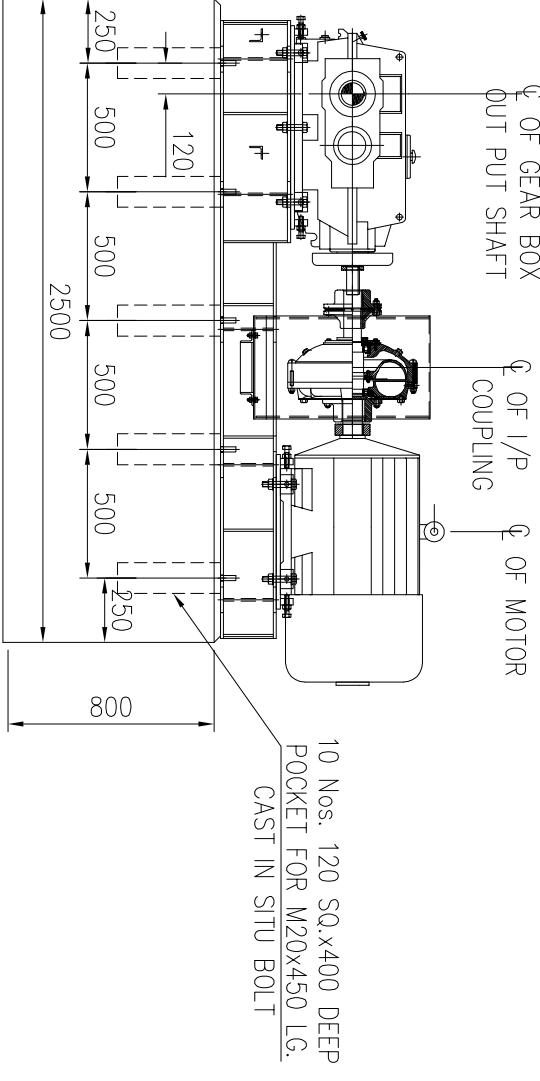
NOTES:-

1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
2. FOR LOAD DATA AND OTHER NOTES REFER SHEET 1 OF 4, 3 OF 4, & 4 OF 4.

REV	DATE	BRIEF RECORD	DRAWING APP	SCALE	BHEL JOB NO.	BHEL ISS DRG. NO.	IS-1-GA-708-101-M012	REV	2	SHEET.	2	SHEETS	2
1	31-3-17	REVISED AS PER MECON COMMENTS DATED-23-3-17	BR S.J V.J										
2	12-3-18	REVISED AS PER MECON COMMENTS DATED-06-17 & REVISED AS PER APPROVED VENDOR LIST	U.S S.J V.J										
3	12-3-18	REVISED AS PER MECON COMMENTS DATED-06-17 & REVISED AS PER APPROVED VENDOR LIST	U.S S.J V.J										

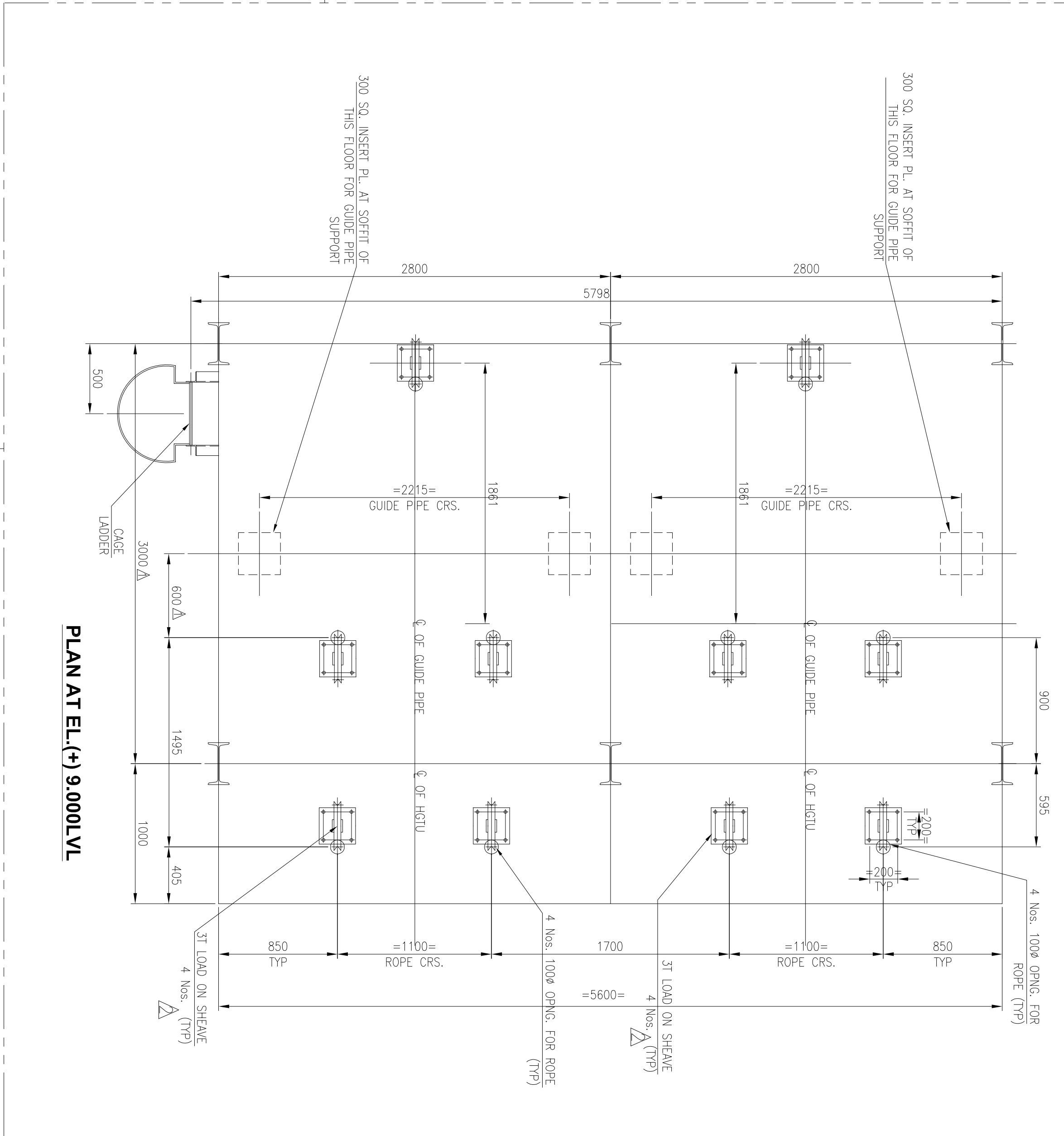
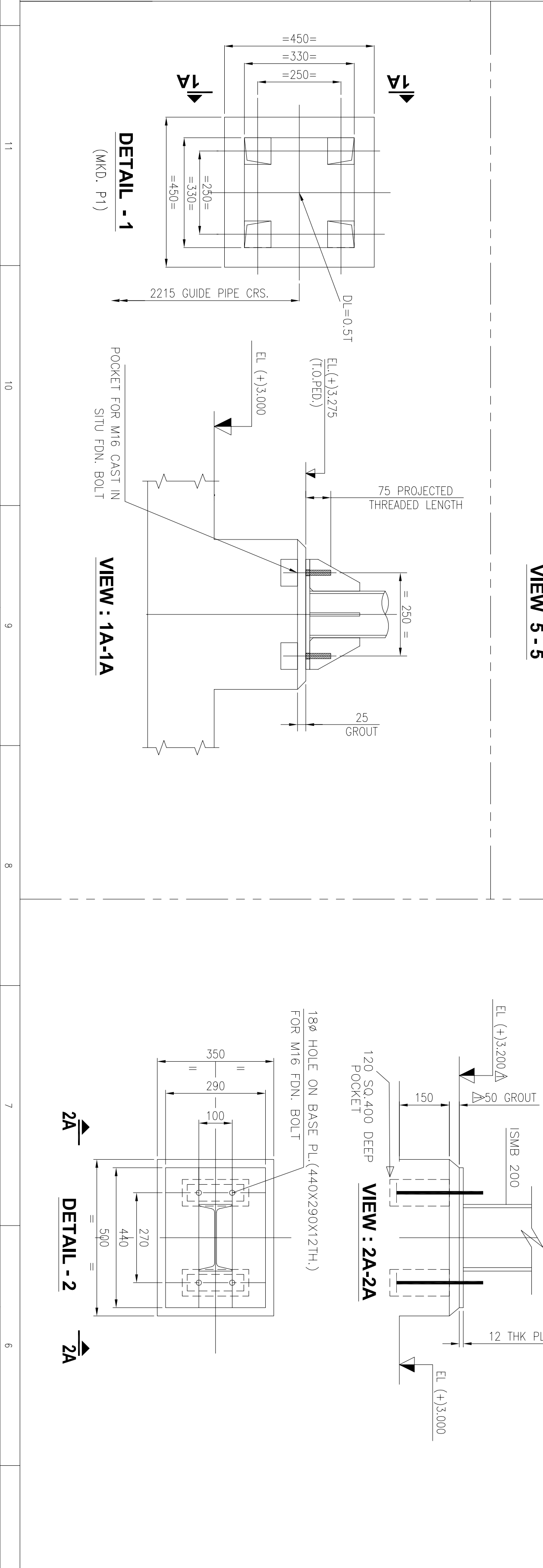
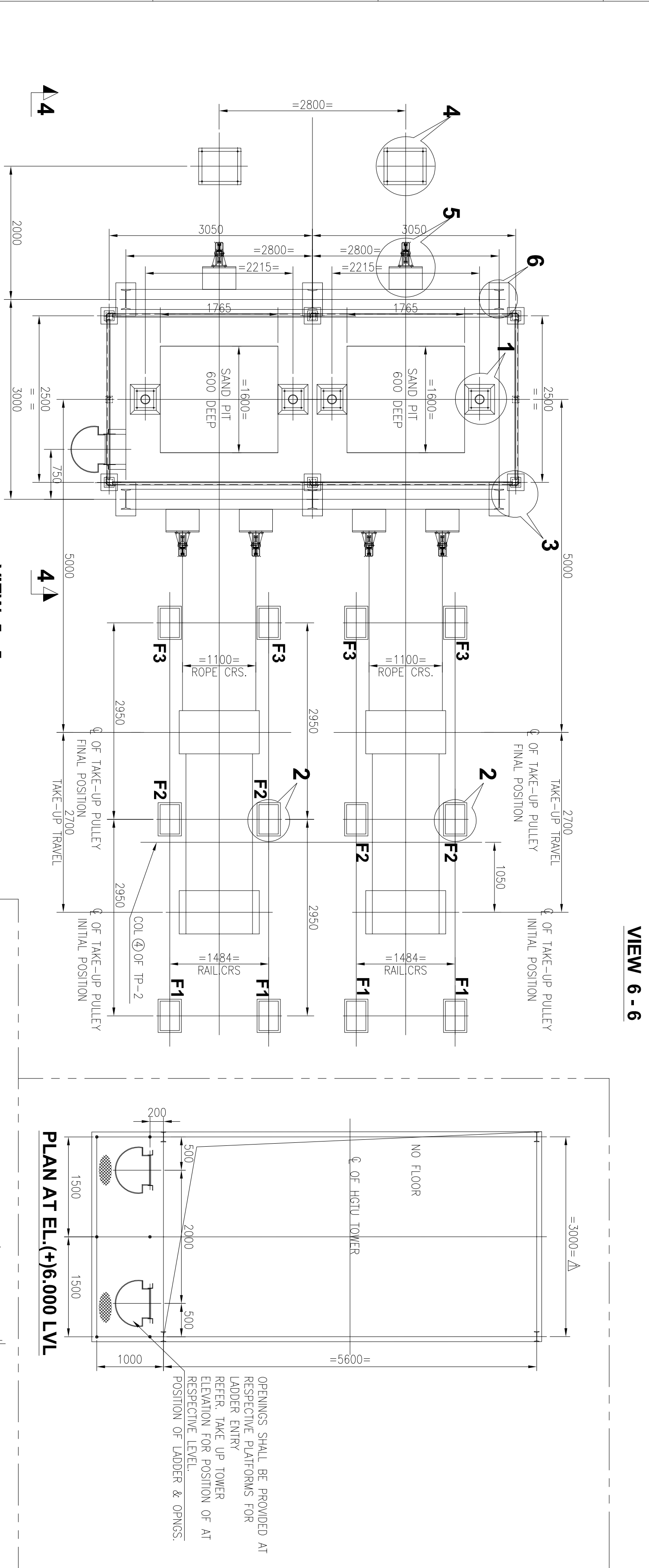
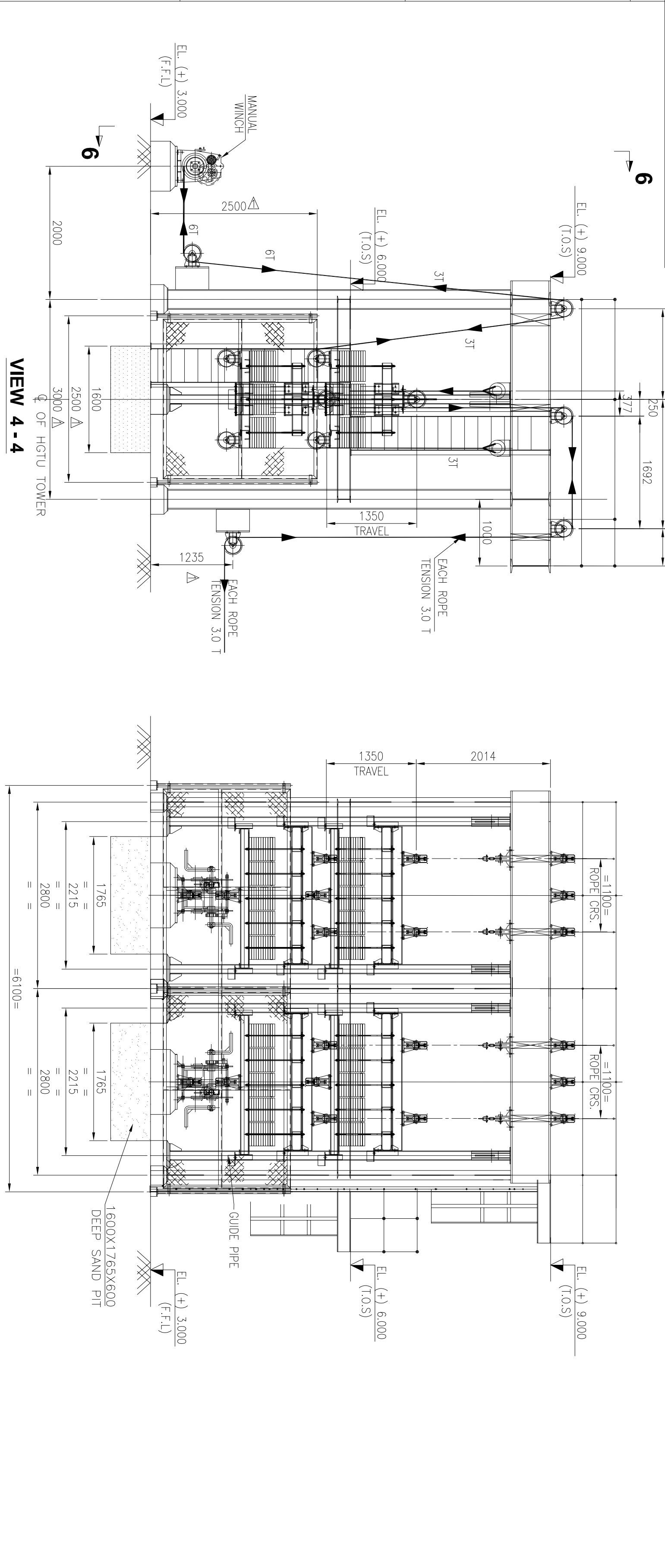


VIEW P-P



NOTES:-
1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
2. FOR LOAD DATA AND OTHER NOTES REFER SHEET 1 OF 4, 2 OF 4, & 4 OF 4.
3. STUB IDLERS SHALL BE FIXED SUIT TO SITE
4. GROUTING OF ALL MECH EQUIPMENTS SHALL BE DONE BY ISC MECH CONTRACTOR

PROJECT :										OWNER :										CONSULTANT :									
ROURKELA PP-II EXPANSION PROJECT (1X250 MW)										NTPC-SAIL POWER COMPANY PVT. LTD.										MECON LIMITED मेकॉन लिमिटेड									
TITLE :										GA & LOAD DATA OF BCN-5AB (1000 B.W)										NO. OF SHEETS									
BHARAT HEAVY ELECTRICALS LTD										INDUSTRIAL SYSTEMS GROUP, BANGALORE										NO. OF SHEETS									
DEN. 1/8"										DEN. 5/16"										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001										NO. OF SHEETS									
ISO 9001										ISO 9001																			



NOTES:-

1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
2. FOR LOAD DATA AND OTHER NOTES REFER SHEET 1 OF 4, 2 OF 4, & 3 OF 4.

POINT	NOS.	VER. LOAD (N T)	HOR. LOAD (N T)
F1	04	(+) 1.8	(+) 1.5
F2	04	(+) 2.9	(+) 1.5
F3	04	(+) 2.9	(+) 1.5

OWNER: **MECON LIMITED**

CONSULTANT: **INDIA ENGINEERING**

PROJECT: **ROURKELA PP-II EXPANSION PROJECT (1X250 MW)**

CLIENT: **NTPC-SAIL POWER COMPANY PVT. LTD.**

INDUSTRIAL SYSTEMS GROUP, BANGALORE

GA & LOAD DATA OF BCN-5AB (1000 B.W)

REV. 2