

DRAWING NO.

10

1

7

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[illegible]

SECTION 1 - 1

[illegible]

CHP CONTROL ROOM CUM MCC-2

CONV. 5A, 5B

CONV. 3A, 3B

CONV. 4B

TP-2

N 54.288
E 2209.580

CONV. 9

N 93.161
E 2356.048

CONV. 10

N 15.415
E 2338.048

RMH & COAL HANDLING

RECLAIM HOPPER-2

CONV. 4A

GP-6

CONV. 2A, 2B

COAL SETTLING POND

CORRIDOR FOR DOZER MOVEMENT

PENT HOUSE

SECURITY POST

GATE NO. 4

970m (INCLUSIVE) MANUAL TRACK

HOPPER

CONV. 1A, 1B

TP-1

S 22.165
E 2592.000

MCC-1

BULL DOZER & PAY LOADER DUST PROOF SHED

UNDER GROUND DRAIN

22000 STOCK YARD LENGTH

57904

SS1 ROAD 7M WIDE

BOUNDARY WALL N-127

144937

RL=221.5

GP-8

GP-7

GP-3

GP-4

GP-5

GP-6

GP-7

GP-8

GP-9

GP-10

GP-11

GP-12

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GP-319

GP-320

GP-32

[illegible]

NOTES:-

1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
2. FOR LOAD DATA AND OTHER NOTES REFER SHEET 2 OF 8 & 8 OF 8

ROURKELA PP-II EXPANSION

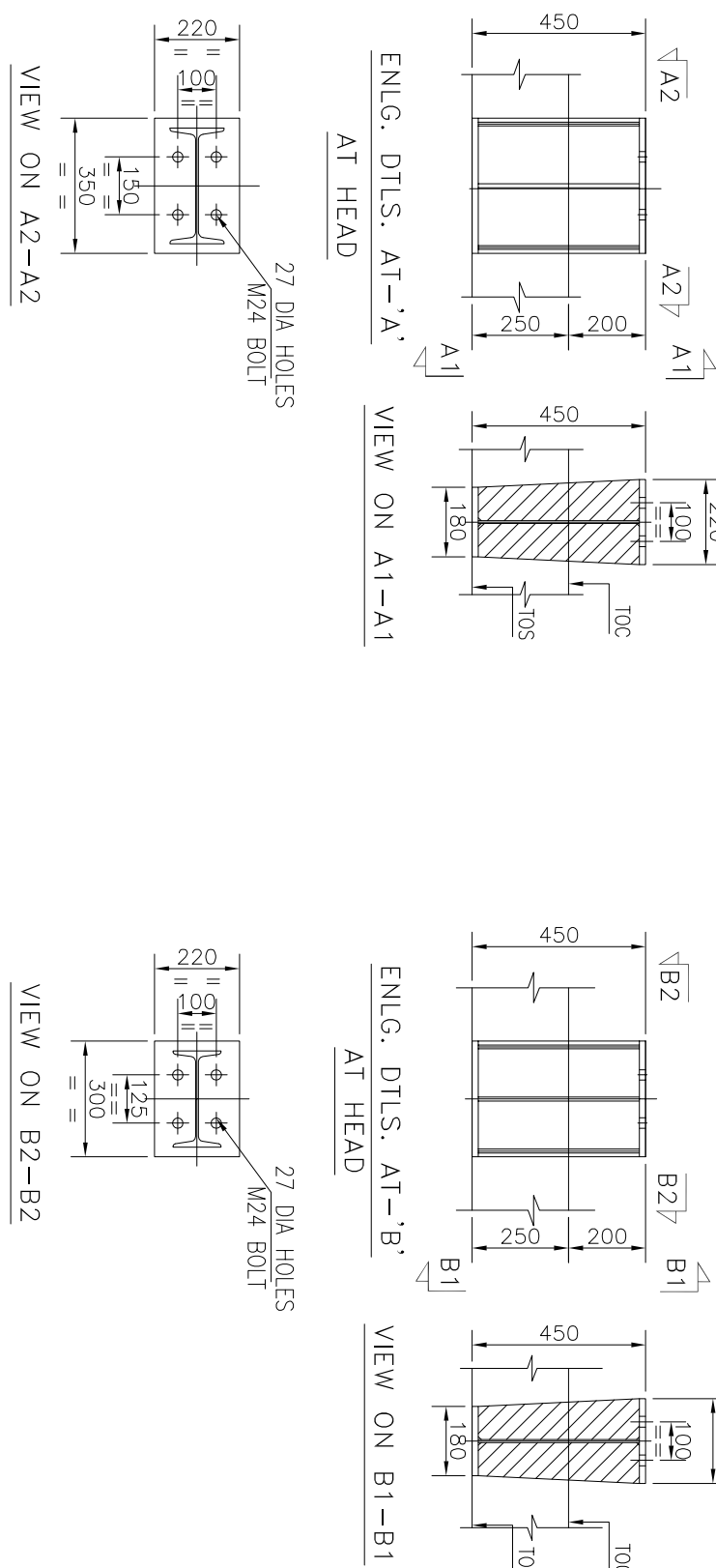
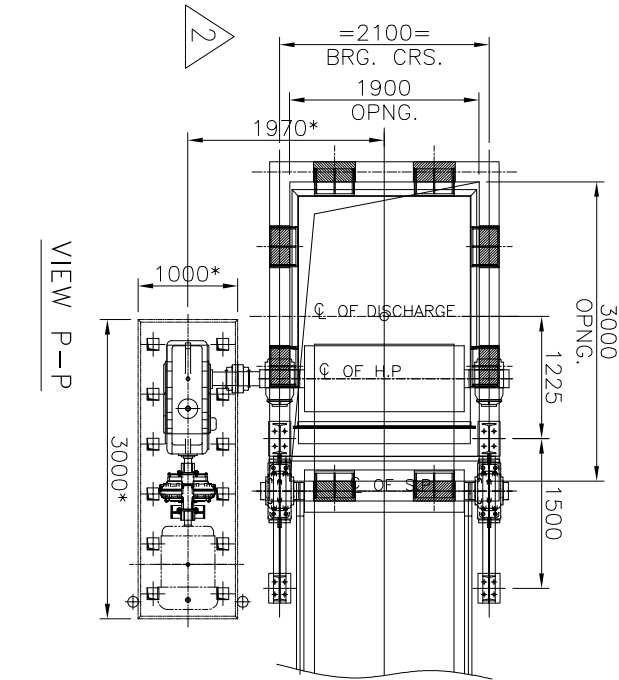
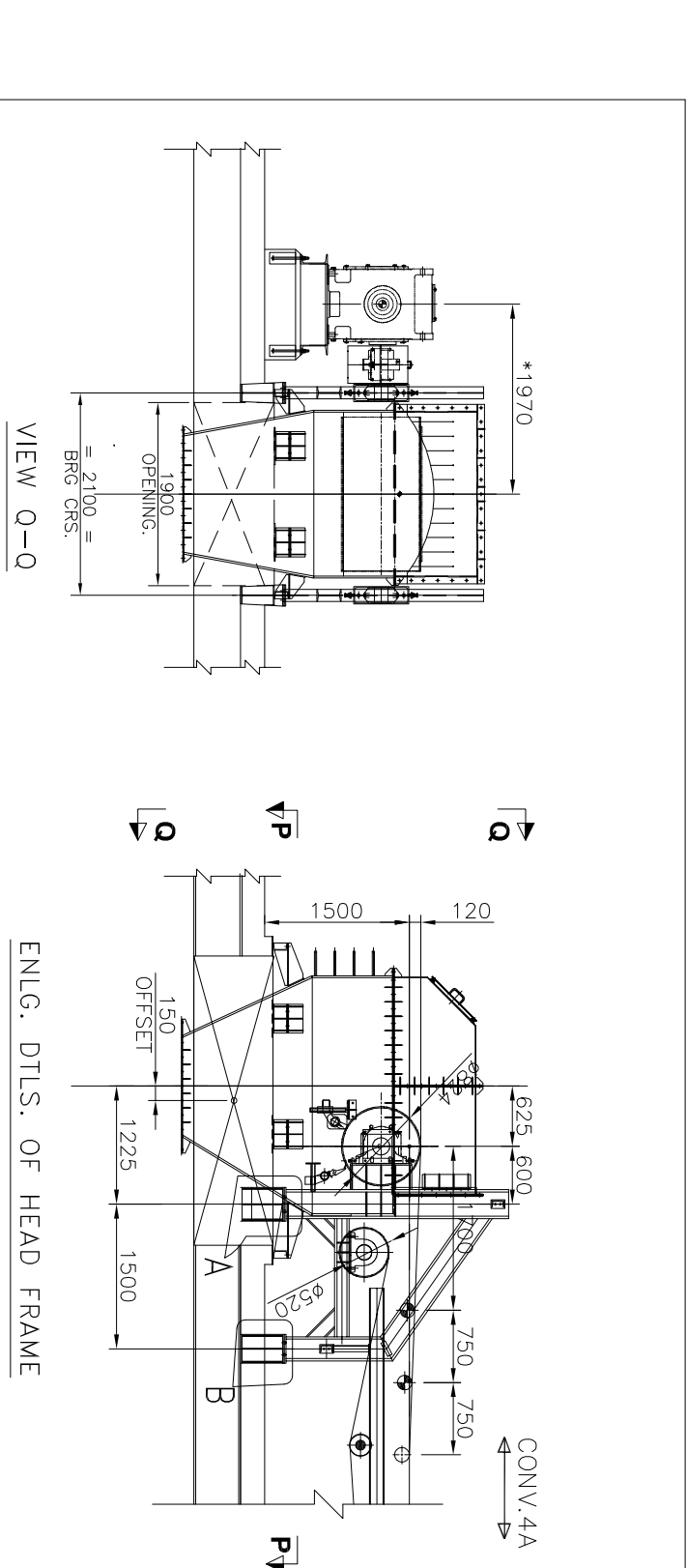
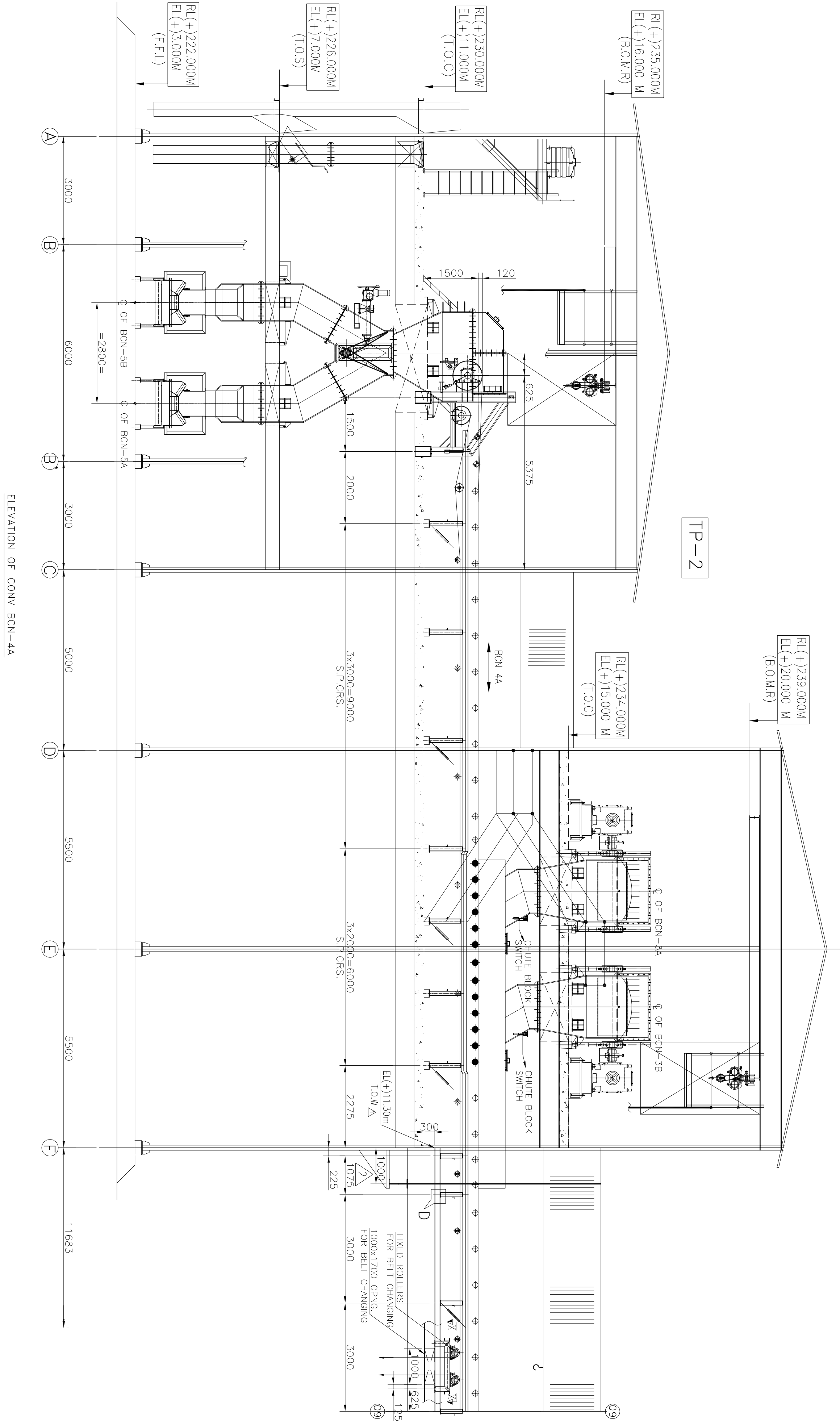
PROJECT :	ROURKELA PP-II EXPANSION PROJECT (1X250 MW)
OWNER:	NTPC-SAIL POWER COMPANY PVT. LTD.

 NTPC NATIONAL THERMAL POWER CORPORATION CONSULTANT		INFC-SAIL POWER COMPANY PVT. LTD.																
 MECON LIMITED भकॉन लिमिटेड		BHARAT HEAVY ELECTRICALS LTD INDUSTRIAL SYSTEMS GROUP, BANGALORE																
	<table border="1"> <thead> <tr> <th>NAME</th><th>SIGN</th><th>DATE</th></tr> </thead> <tbody> <tr> <td>DRN. R.S</td><td></td><td></td></tr> <tr> <td>DRN. S.J</td><td></td><td></td></tr> <tr> <td>CHD. RSP</td><td></td><td></td></tr> <tr> <td>NO. OF WORK</td><td></td><td></td></tr> </tbody> </table>	NAME	SIGN	DATE	DRN. R.S			DRN. S.J			CHD. RSP			NO. OF WORK				
NAME	SIGN	DATE																
DRN. R.S																		
DRN. S.J																		
CHD. RSP																		
NO. OF WORK																		

GA & LOAD DATA OF YARD CONV. BCN-4A		SHEETS	
		SHEET.	
		01	
GA & LOAD DATA OF YARD CONV. BCN-4A		NO.	
IS-1-GA-708-101-M011		2	
BRIEF-LOG		DRG. NO.	
BRIEF JOB NO.		SCALE	
REVISED AS PER DISCUSSION DATED 15.06.17		JW	
DATE		RSP	
BRIEF RECORD		PREP BY: PREP BY	
DRG. NO.		SCALE	

FORMAT SIZE A1

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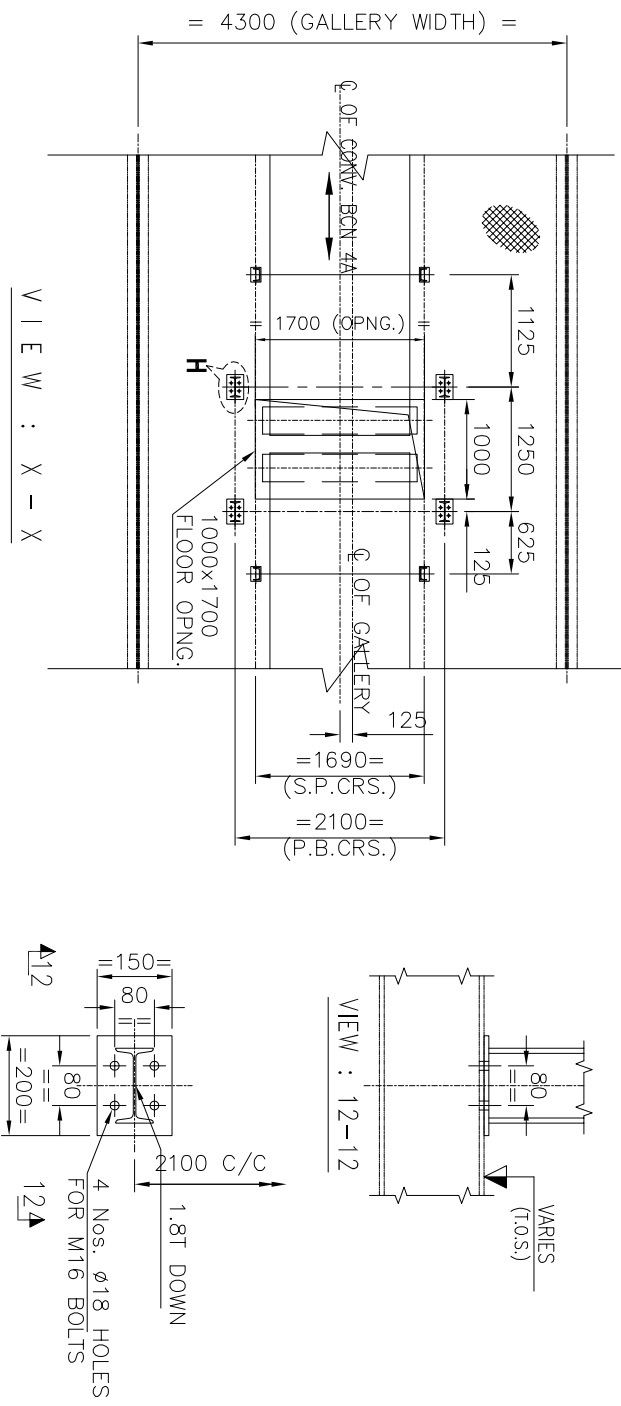
LEGEND FOR CONVEYOR	
①	CARRIAGE IDLER
②	TRANSMISSION IDLER
③	2 TAIL RETURN IDLER
④	FLAT RETURN IDLER
⑤	IMPACT IDLER
⑥	SELF ALIGNING IDLER
⑦	SELF ALIGNING RETURN IDLER
⑧	SELF CLEANING IDLER
⑨	DEFLECTOR ROLLER
⑩	BELL CROW SWITCH
⑪	BELL SWAY SWITCH
⑫	ZERO STOP SWITCH
⑬	WORKING POINT
⑭	HEAD PULLEY
⑮	TAIL PULLEY
⑯	BEND PULLEY

DWG. NO.	REFERENCE	DESCRIPTION
S-0-PL--708-100-M001		COAL FLOW DIAGRAM
S-1-FI--708-100-M002		LAYOUT OF COAL HANDLING PLANT
S-1-GA--708-100-M003		PLAN, ELEVATION AND SECTIONS OF GALLETIES AND TUNNELS
S-1-CAL--709-104-M023		MECHANICAL GA & LOAD DATA OF TP-2
S-1-GA--709-108-M004		G.A. OF SINGLE COAL FEEDER MACHINE
S-1-GA--709-104-XXXX		G.A. OF DIGGER HOUSE FOR CONV.-4A

1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
2. FOR UTILITIES REFER SEPARATE DRAINING
3. FOR THE HEAD END & DRIVE LOADS REFER THE GA & LOAD DATA OF TP-2. FOR DRIVE PULLEY AND THE END LOAD DATA REFER DRIVE HOUSE-CH
4. ALL ROLLING PARTS SHALL BE COVERED WITH SUITABLE GREASES
5. REDUCTION OF BRAKE SHALL BE DECIDED BASED ON THE COEFFICIENT OF FRICTION OF THE CONTACT SURFACE
6. THE SPEED INDICATED IS THE NOMINAL SPEED & ACTUAL SPEED WILL BE MAINTAINED $\pm 5\%$ OF NOMINAL SPEED

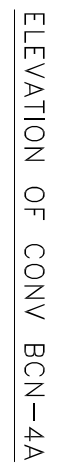
NOTES:-

1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
2. ALL LEVELS ARE TO FINISH FLOOR LEVEL OF POWER HOUSE.
3. ALL DIMENSIONS ARE TO FACE UNLESS SPECIFICALLY NOTED OTHERWISE WHICH CORRESPONDS TO RL+219.0 M ABOVE MEAN SEA LEVEL.
4. FINISH FLOOR LEVEL CORRESPONDS TO FFL OF TURBINE HALL BUILDING.
5. PLINTH LEVEL SHOWN IN THE DRAWING ARE 500MM ABOVE FFL. ALL OTHER LEVELS SHOWN ARE TO PLINTH LEVEL.
6. THE DRIVE DIMENSIONS ARE INDICATIVE ONLY AS MARKED & SHALL BE FINALIZED AFTER GETTING THE DRIVE COMPONENT DESIGNS.
7. GALLERY SUPPORTING TRUSSES, TYPES AND TRUSSE LOCATIONS INDICATED IN THIS DRG. ARE TENTATIVE AND SUBJECT TO BE FINALIZED AS PER STRUCTURAL DRGS.
8. CIVIL REQUIREMENT INDICATED TENTATIVE.
9. CURB SHALL BE PROVIDED AROUND ALL OPENINGS.
10. RESPECTION DOOR SHALL BE LEAK PROOF.
11. FLOOR SHALL BE CONDUCTIVE WITH SHEET 1, 2 OF 8 & 4 OF 8 TO 8 OF 8.
12. (3) MARKED DIMENSIONS ARE UNDER HOLD.
13. FLOORS SHALL BE WELDED TO FLOOR BEAMS.
14. STAIRS SHALL BE WELDED TO RESP. STUBS



02	15.06.17	REVISED AS PER DISCUSSION DATED 15.06.17	JV	RSP
REV/MO	DATE	BRIEF RECORD	PREP'D BY	APP'D BY

PROJECT :	ROURKELA PP-II EXPANSION PROJECT (IX250 MW)
OWNER	NTPC-SAIL POWER COMPANY PVT. LTD.
 NTPC	
CONSULTANT	MECON LIMITED मेकॉन लिमिटेड
	
	BHARAT HEAVY ELECTRICALS LTD INDUSTRIAL SYSTEMS GROUP, BANGALORE
	
TITLE :	G/A & LOAD DATA OF YARD CONV. BCN-4A
SCALE	BHEL JOB NO.
DWG. NO.	BHEL/ISO IS - 1-G/A-708-101-M011
REV.	NO.
2	0.3



PROJECT : ROURKELA PP-II EXPANSION

C-SAIL POWER COMPANY PVT. LTD.

BANGALORE

GA & LOAD DATA OF YARD CONV. BCN-4A

BRIEF RECORD

VIEW H1-H1

4 NOS 022 HMFES

DEAD LOAD = 0.5 T
HOR. LOAD = 7 T

4 NOS. #22 HOLES FOR M20 BOLTS

DETAIL - 7

DETAIL--7

11

10

7

SIZE-1

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NOTES:-

1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
2. FOR LOAD DATA AND OTHER NOTES REFER SHEET 1 OF 8 TO 6 OF 8 & 8 OF 8

02	15.06.17	REVISED AS PER DISCUSSION DATED 5.06.17	
REV/MO	DATE	BRIEF RECORD	PREP'D BY AP'D BY
			JV RSP

PROJECT :	ROURKELA PP-II EXPANSION PROJECT (IX250 MW)					
OWNER:	NTPC-SAIL POWER COMPANY PVT. LTD.					
CONSULTANT:	 MECON LIMITED मैकॉन लिमिटेड					
DESIGNER:	 BHARAT HEAVY ELECTRICALS LTD INDUSTRIAL SYSTEMS GROUP, BANGALORE					
	NAME	SIGN	DATE	NO OF SHEETS	TOTAL SHEETS	WAS
DRN.	R.S					
DESN.	S.J					
CHKD.	RSP					
APPD.	VST					



(IN THE SCOPE OF CONV. PACKAGE VENDOR)

VIEW 3-3

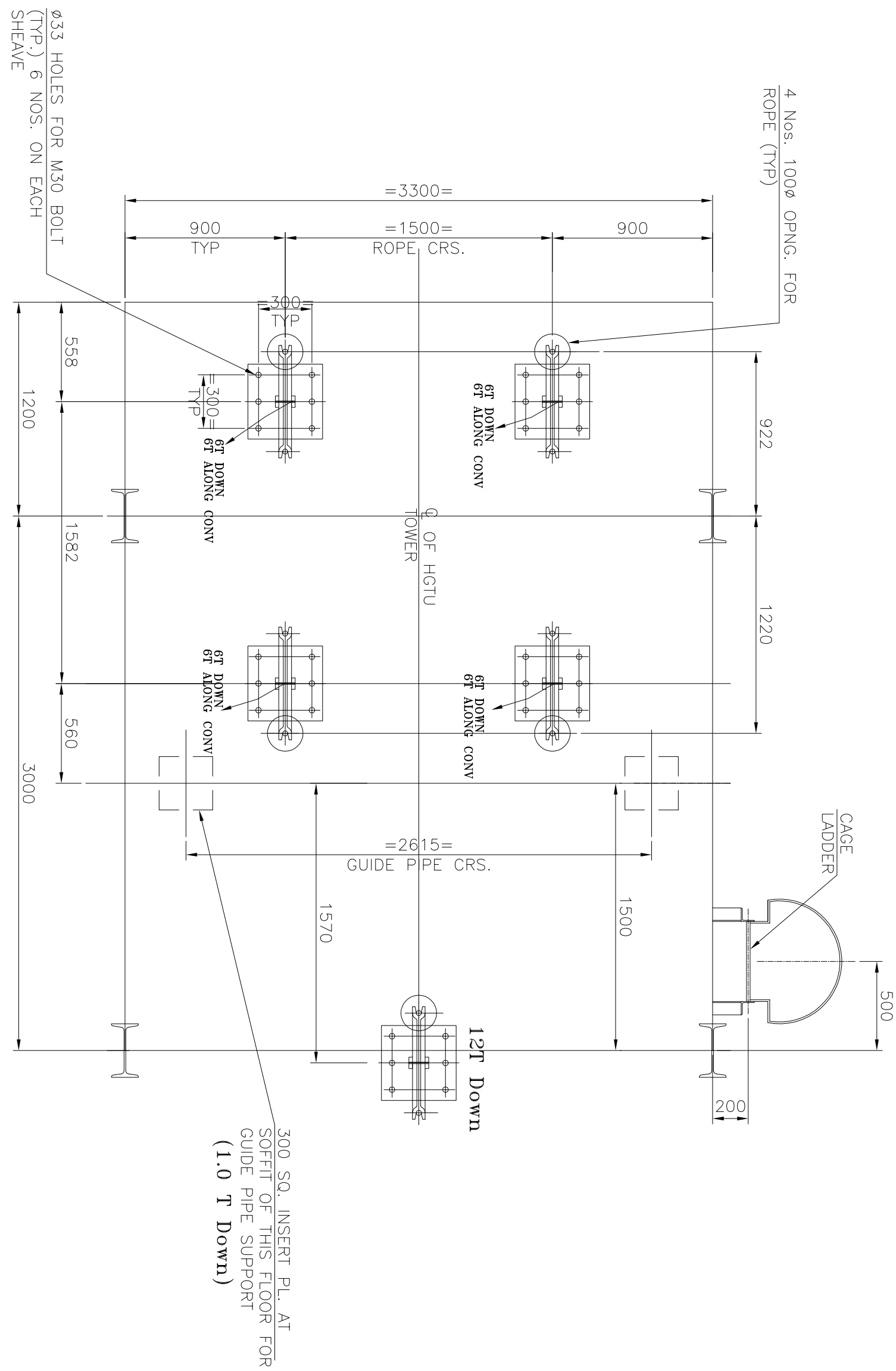
POINT	NOS.	DUE TO BELT PULL	
		HOR. LOAD (IN T) VER. LOAD (IN T)	ACROSS CONV.
F1	02	(±) 0.4	(±) 0.4
F2	08	(+)(2.9	(±) 0.4
F3	02	(+)(2.9	(±) 0.4

NOTE: LOAD AT F1 & F3 WILL NOT ACT SIMULTANEOUSLY

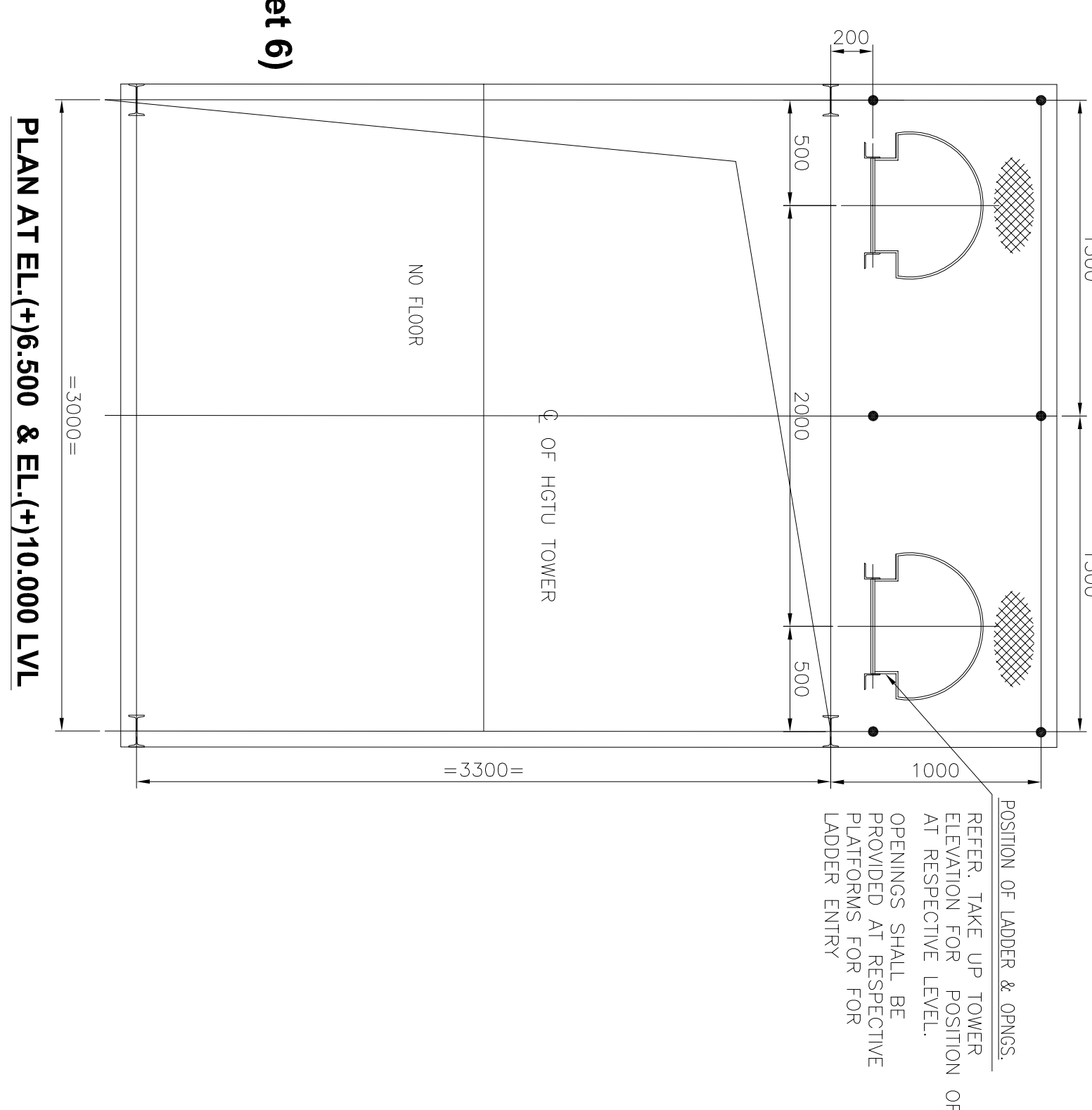
LOAD TABLE FOR TAKE-UP FRAME (BCN 4A); WITH IMPACT

- NOTES:-
1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
 2. FOR LOAD DATA AND OTHER NOTES REFER SHEET 1, 2, 3, 4, 5, 6 & 7 OF 8
- * DETAILS 1,2,3,4,5 SHOWN IN SHEET 6 & DETAIL 6 SHOWN IN SHEET 4

02	15.06.17	REMOVED AS PER DISCUSSION DATED 15.06.17	
REV/NO	DATE	BRIEF RECORD	PREP BY APPO BY



PLAIN ALLE: (+) 14:00 LVL



PLAIN A1 EL. (+) 6.300 & EL. (+) 10.000 LVL

PROJECT :	ROURKELA PP-II EXPANSION PROJECT (1X250 MW)									
OWNER :	NTPC-SAIL POWER COMPANY PVT. LTD.									
CONSULTANT :	 MECON LIMITED मेकॉन लिमिटेड									
	BHARAT HEAVY ELECTRICALS LTD INDUSTRIAL SYSTEMS GROUP, BANGALORE									
TITLE :	GA & LOAD DATA OF YARD CONV. BGN-4A									
										
	DATE	SIGN	NAME							
	NO OF VBR									
SCALE	3		2						1	SHEET NO
BHEL JOB NO.	IS-1-GA-708-101-M011									
BHEL/SG DWS NO.:	REV 2									