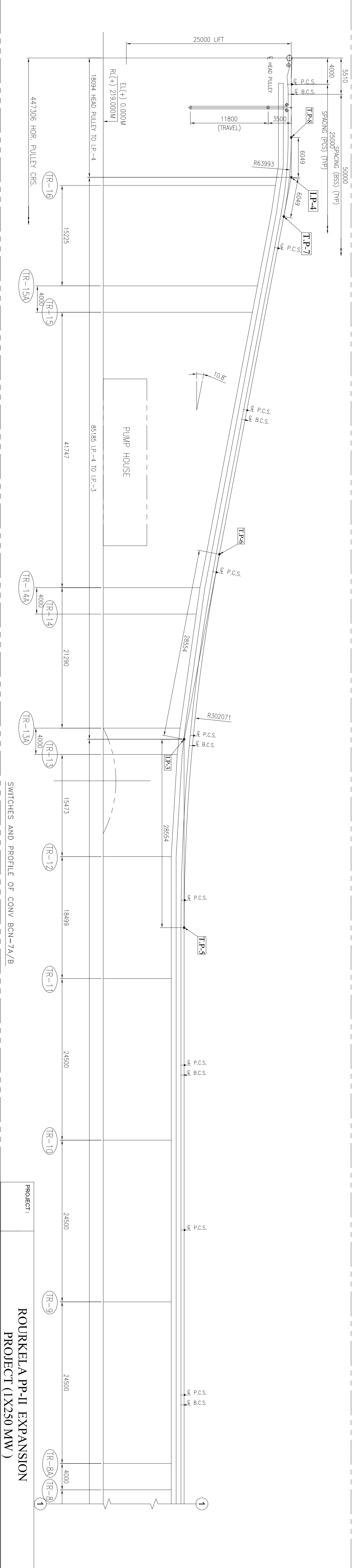
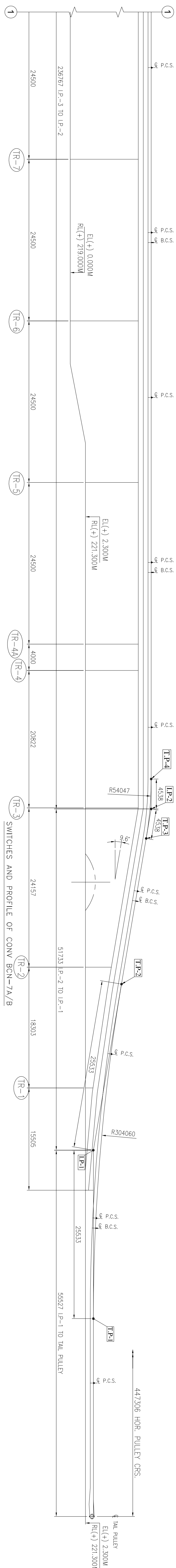
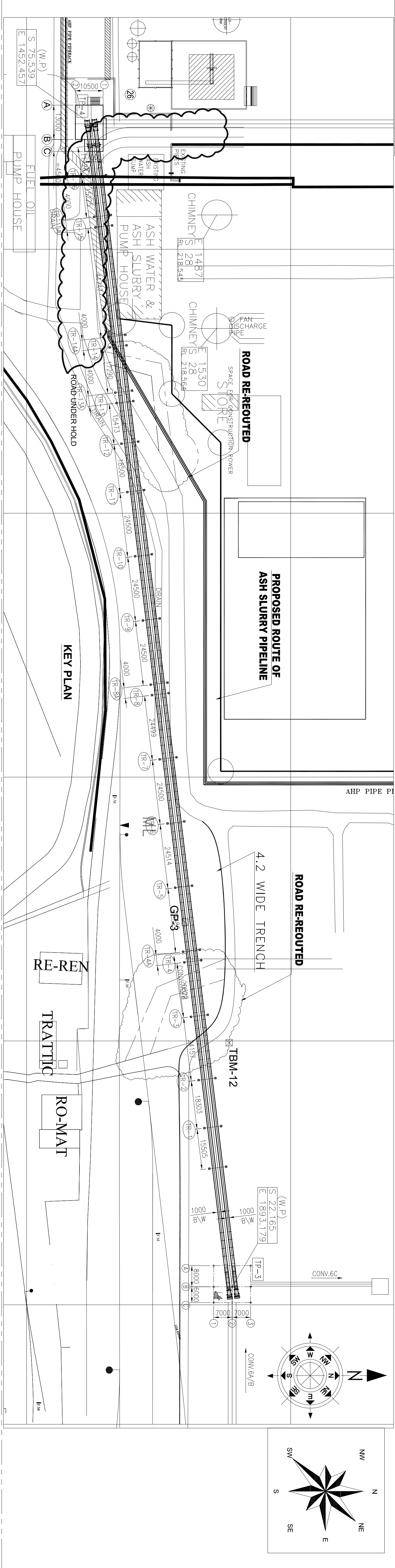




NOTES:-
1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
2. READ THIS DRG IN CONJUNCTION WITH SHEET 2, 3, 4, 5 & 6 OF 6

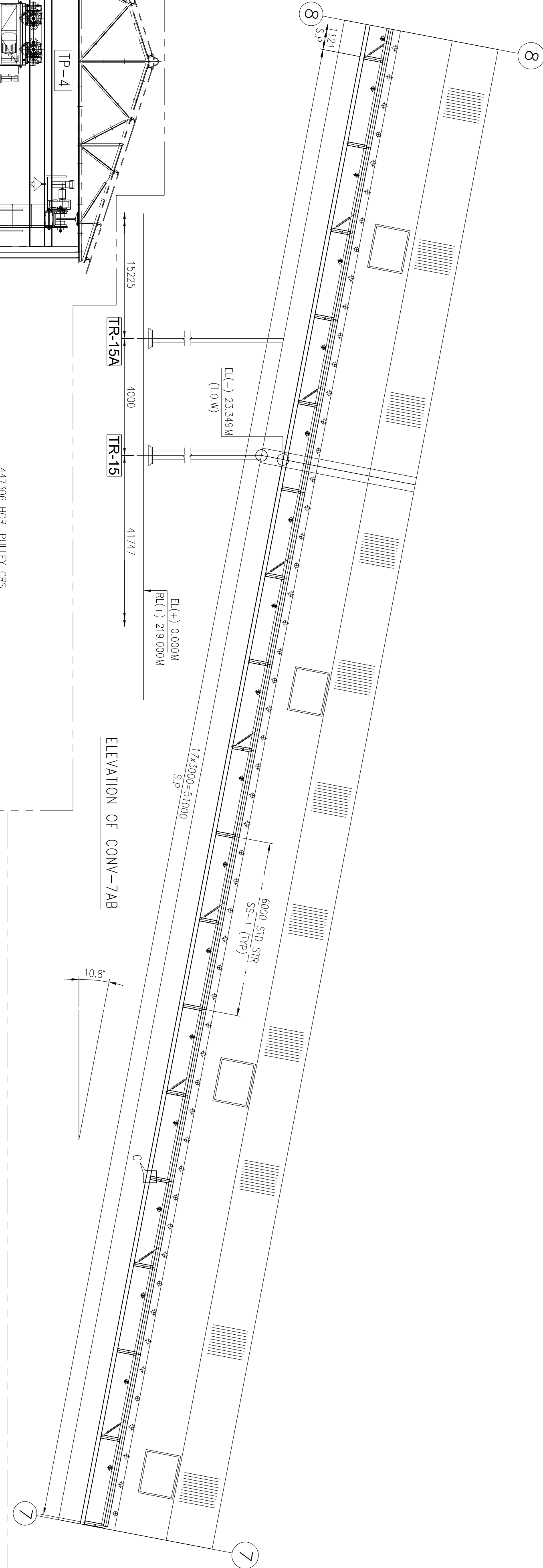
BRIEF RECORD	

SCALE	BHEL JOB NO.	BHEL-86	DRG NO.	IS-1-GA-708-101-M015	SIZE-A1
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OWNER	CONSULTANT	MECON LIMITED
BHARAT HEAVY ELECTRICALS LTD	INDUSTRIAL SYSTEMS GROUP,	BANGALORE

TITLE	GA AND LOAD DATA OF CONV 7A/B (1000 B.W)
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NO. OF SHEETS	6
SHEET	1
REV	0



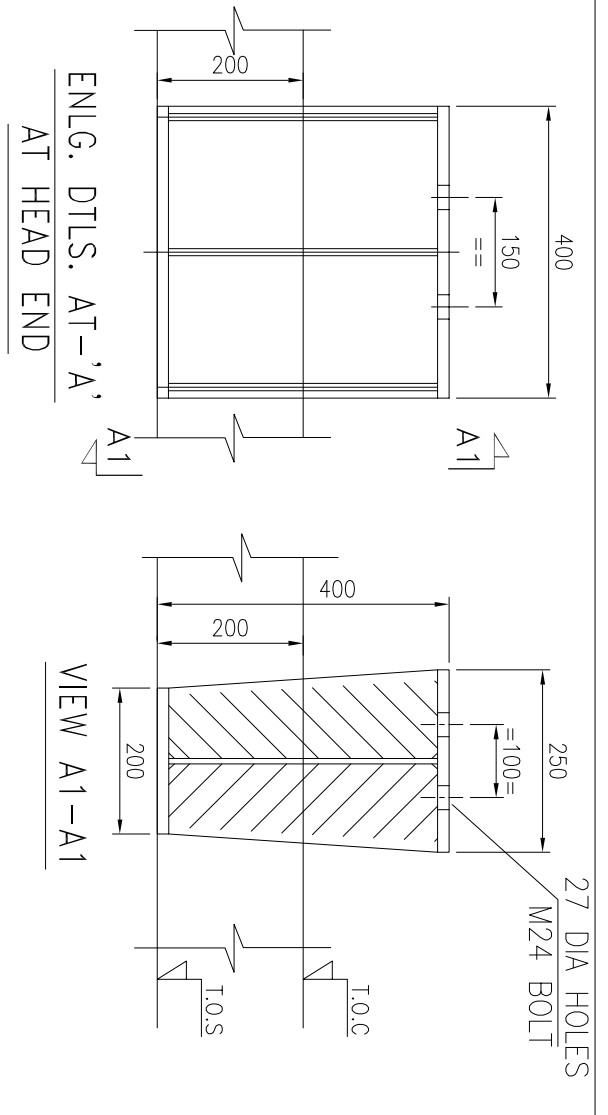
ELEVATION OF CONV-7AB

447306 HOB. PULLEY CRS.

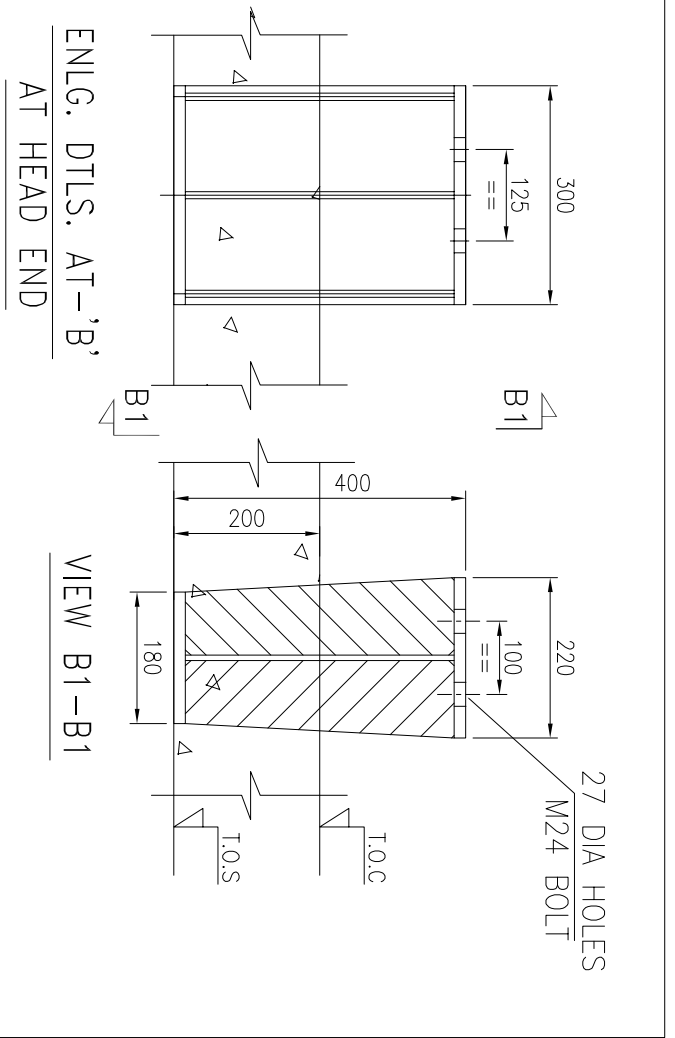
- NOTES:-
1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
 2. ALL ELEVATIONS ARE REFERRED TO THE FINISHED GROUND FLOOR LEVEL OF POWER HOUSE BUILDING AS EL. 0.00 M WHICH CORRESPONDS TO RL(+219.0 M, ABOVE MEAN SEA LEVEL.
 3. FINISH FLOOR LEVEL CORRESPONDS TO FFL OF TURBINE HALL BUILDING.
 4. PLINTH LEVEL SHOWN IN THE DRAWING ARE 500MM ABOVE FFL. ALL OTHER LEVELS SHOWN ARE WRT PLINTH LEVEL.
 5. THE DRIVE DIMENSIONS ARE INDICATIVE ONLY AS MARKED * & SHALL BE FINALIZED AFTER GETTING THE DRIVE COMPONENT DRS.
 6. GALLERY SUPPORTING TRESTLE TYPES AND TRESTLE LOCATIONS INDICATED IN THIS DRG. ARE TENTATIVE AND FINALLY THEY SHALL BE AS PER STRUCTURAL DRS.
 7. CIVIL REQUIREMENT INDICATED TENTATIVE.
 8. CURB WALL BE PROVIDED AROUND ALL OPENINGS.
 9. INSPECTION DOOR SHALL BE LEAK PROOF.
 10. READ THIS DRG IN CONJUNCTION WITH SHEET 1 OF 6 & 3 OF 6 TO 6 OF 6.

REFERENCE DRAWING/DOCUMENTS	DESCRIPTION
BHEL-DWG. NO.	
IS-1-GA-708-101-M001	FLOW DIAGRAM CHP
IS-1-GA-708-101-M002	GENERAL PLANT LAYOUT OF COAL HANDLING SYSTEM
IS-1-GA-708-101-M003	TYPICAL CROSS SECTION OF CONVEYOR GALLERY & TUNNELS
IS-1-GA-708-101-M024	GA & LOAD DATA OF TP-3
IS-1-GA-708-101-M025	GA & LOAD DATA OF TP-4

LEGEND FOR CONVEYOR	
⊕	CARRYING IDLER
⊖	TRANSITION IDLER
⊙	2 ROLL RETURN IDLER
⊗	FLAT RETURN IDLER
⊕	FLAT RETURN IDLER
⊕	SELF ALIGNING
⊕	SELF CLEANING IDLER
⊕	DEFLECTOR ROLLER
⊕	PULL CHORD SWITCH
⊕	BELT SWAY SWITCH
⊕	ZERO SPEED SWITCH
⊕	WORKING POINT
⊕	HEAD PULLEY
⊕	TAIL PULLEY
⊕	BEND PULLEY



ELEVATION OF CONV-7AB



ELEVATION OF CONV-7AB

TECHNICAL SPECIFICATION		QTY EACH	MAKE
CONVEYOR NO./EQUIPMENT NO.		804-7A/B	
RATED CAPACITY/DESIGN CAPACITY (TPH)		600/720	-
BELT WIDTH (MM)/TROUGHING ANGLE		1000/35°	-
VERTICAL LIFT (M)		25.000	-
HORIZONTAL CRS. (M)		447.206	-
PROBLE LENGTH (MM)		449.237	-
ENDLESS BELT LENGTH (CONSIDERING SAG) (MM)		914.500	-
SPEED (M/SEC.)		3.2	-
MATERIAL		COAL	-
BULK DENSITY FOR CONVEYOR SIZING (TON/CUM)		0.8	-
FOR STRUCTURAL DESIGN (TON/CUM)		1.1	-
LUMP SIZE (MM)		150	-
MATERIAL TYPE.		AMBIENT (MAX 50°)	-
RATING		N/A	-
TOP COVER THICKNESS (MM)		1000/4	-
BELT TENSION (KN)		6	-
TYPE OF JOINT		WELDED	-
TYPE		TEFC, IE3, IP55	-
POWER RATING(KW)/RPM/FRAME SIZE		75/200	-
SUPPLY VOLTAGE / DUTY		6.6 KV, 3PH, 50HZ	-
TYPE		BEVEL HELICAL	-
HOLD BACK		YES	-
MECHANICAL RATING KW		15.71 (exp)	-
BRAKE TYPE		M	-
SCOP/ESC-550/PSI 500/40H		SCOP/ESC-550/PSI 500/40H	-
COUPLING TYPE/SIZE		GEARED COUPLING	-
LOW SPEED/TYPE/SIZE		W20	-
TAKE UP		11800	-
TRAVEL (MM)		4480	-
COUNTER WEIGHT (IN KG)		4530	-
TAKE-UP		4530	-
BEND		4400	-
SINE PULLEY		12 MM SINE, 0.00000	-
ALL OTHER PULLEYS		10 MM PLAIN MATERIAL RUBBER	-
3 ROLL 10° TRANSITION IDLERS		4139.7 ENW 45HK, MS PRE	2 Nos.
3 ROLL 20° TRANSITION IDLERS		4139.7 ENW 45HK, MS PRE	2 Nos.
3 ROLL 35° CARRYING IDLERS		4139.7 ENW 45HK, MS PRE	433 Nos.
3 ROLL 35° SELF ALIGNING		4139.7 ENW 45HK, MS PRE	12 Nos.
1 ROLL RETURN IDLER		4139.7 ENW 45HK, MS PRE	139 Nos.
1 ROLL CLEANING RETURN IDLER		4139.7 ENW 45HK, MS PRE	15 Nos.
DEFLECTOR ROLLER		4719.40MM THK, MS PLATE	2 Nos.
INTERNAL SCRAPPER TYPE		V-FLOUGH TYPE	1 No.
EXTERNAL SCRAPPER TYPE		PRIMARY WITH MULTI BLADE SPRING TYPE	1 No.
TYPE		SECONDARY WITH TORSION ARM	1 No.
SPLIT BOARD		4.0 H. W.	1 No.
DECK PLATE		3.19MM THK, MS THROUGHOUT	1 LOT.
HEAD FRAME, TAIL FRAME & DRIVE BASE FRAME		ROLLED SECTION/FABRICATED	1 EACH
BEND FRAME		ROLLED SECTION/FABRICATED	1 EACH
STRINGER		ISM-C-150	1 LOT
SHORT SUPPORT		ISM-C-125	1 LOT
PULL CORD SWITCH /LOCATION		25 M SPACING	15 PARS.
BELT SWAY SWITCH/LOCATION		50 M SPACING	8 PARS.
ZERO SPEED SWITCH/LOCATION		ONE FOR EACH CONVEYOR MOUNTED AT TAIL PULLEY	1 NO.
SAFETY SWITCHES		CHUTE BLOCK SWITCH/LOCATION	1 NO.
ONE CONVEYOR QTY. INDICATED			

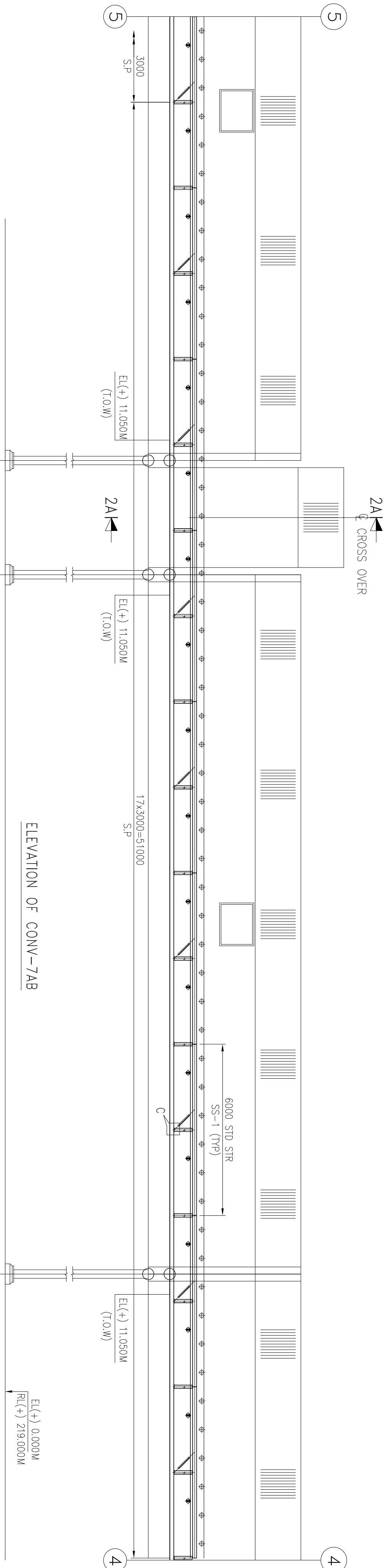
PROJECT :
ROURKELA PP-II EXPANSION
PROJECT (1X250 MW)
NTPC-SAIL POWER COMPANY PVT. LTD.

OWNER:
CONSULTANT:
BHARAT HEAVY ELECTRICALS LTD
INDUSTRIAL SYSTEMS GROUP,
BANGALORE

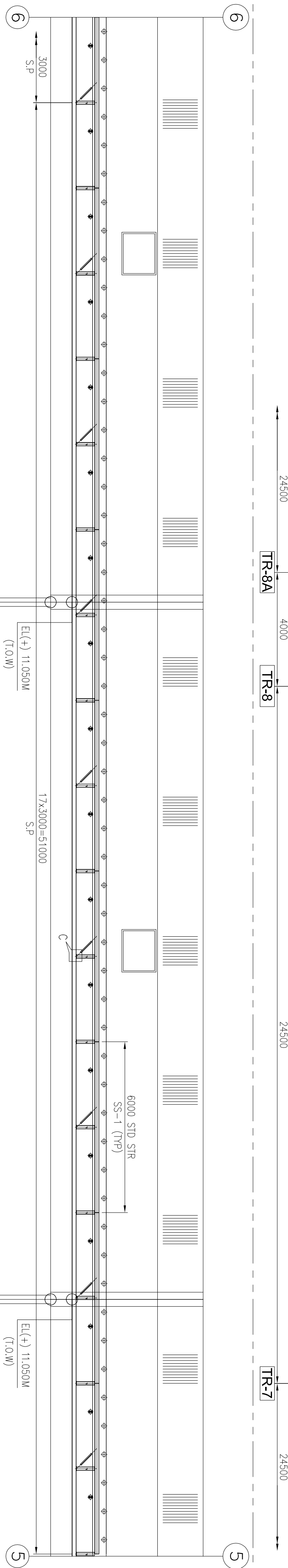
NAME	DATE	SIGN	NO. OF SHEETS
DRN	BB		17-11-16
DESIGN	S.J.		17-11-16
CHK	RS		
APP	VSD		

TITLE:	GA AND LOAD DATA OF CONV 7A/B (1000 B.W)	NO. OF SHEETS	6
BRIEF RECORD		SHEET	2
SCALE		REV	0
BHEL JOB NO.	IS-1-GA-708-101-M015	SIZE	A1

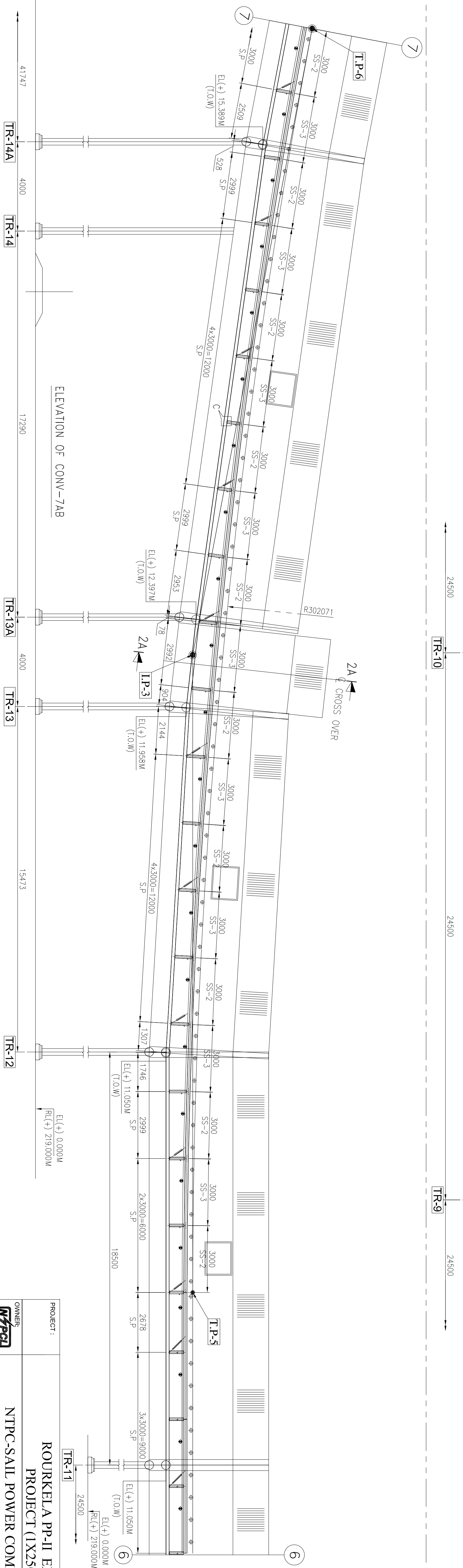
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ELEVATION OF CONV-7AB



ELEVATION OF CONV-7AB



ELEVATION OF CONV-7AB

$$\frac{EL(+)}{RL(+)} \frac{0.000M}{219.000M}$$
ROURKELA PP-II EXPANSION
PROJECT (1X250 MW)

NTPC-SAIL POWER COMPANY PVT. LTD.



MECON LIMITED
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**BHARAT HEAVY ELECTRICALS
INDUSTRIAL SYSTEMS GROUP,
BANGALORE**

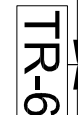
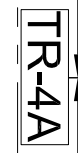
	NAME	SIGN	DATE	NO. OF VAR
DRN.	IBR		17-11-16	
DESN.	S.J		17-11-16	
CHD.	RSP			
APP.	VSD			

NOTES:-

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	BRIEF RECORD		

	GA AND LOAD DATA OF CONV /A/B (1000 B.W)	SHEETS	3	REV.
		SHEET. NO.		
BHEL JOB NO.	BHEL-15-1-GA-708-101-M015	BHEL-15G	SCALE	1:1



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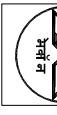
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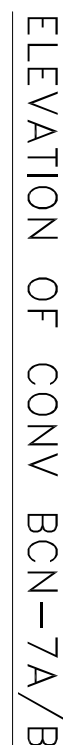
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	BRIEF RECORD		

PROJECT :		ROURKELA PP-II EXPANSION PROJECT (1X250 MW)									
OWNER :		NTPC-SAIL POWER COMPANY PVT. LTD.									
CONSULTANT :		MECON LIMITED मैकॉन लिमिटेड									
											
		BHARAT HEAVY ELECTRICALS LTD INDUSTRIAL SYSTEMS GROUP, BANGALORE									
TITLE :		GA AND LOAD DATA OF CONV 7A/B (1000 B.W)									
											
BHEL JOB NO		DIN		NAME		SIGN		DATE			
		IS-1-GA-708-101-M015		BHEL				17-11-16			
BHEL JOB NO		DESIGN		S.J				17-11-16			
		APP		RSP							
		VSD									
BHEL JOB NO		NO. OF		SHEETS		NO. OF		SHEETS			
		4		6		VAR					
REV		NO.		SHEET.		NO.		SHEET.			
IS-1-GA-708-101-M015		4		6		VAR					
BHEL JOB NO		NO.		SHEET.		NO.		SHEET.			
		4		6		VAR					
REV		NO.		SHEET.		NO.		SHEET.			
		4		6		VAR					



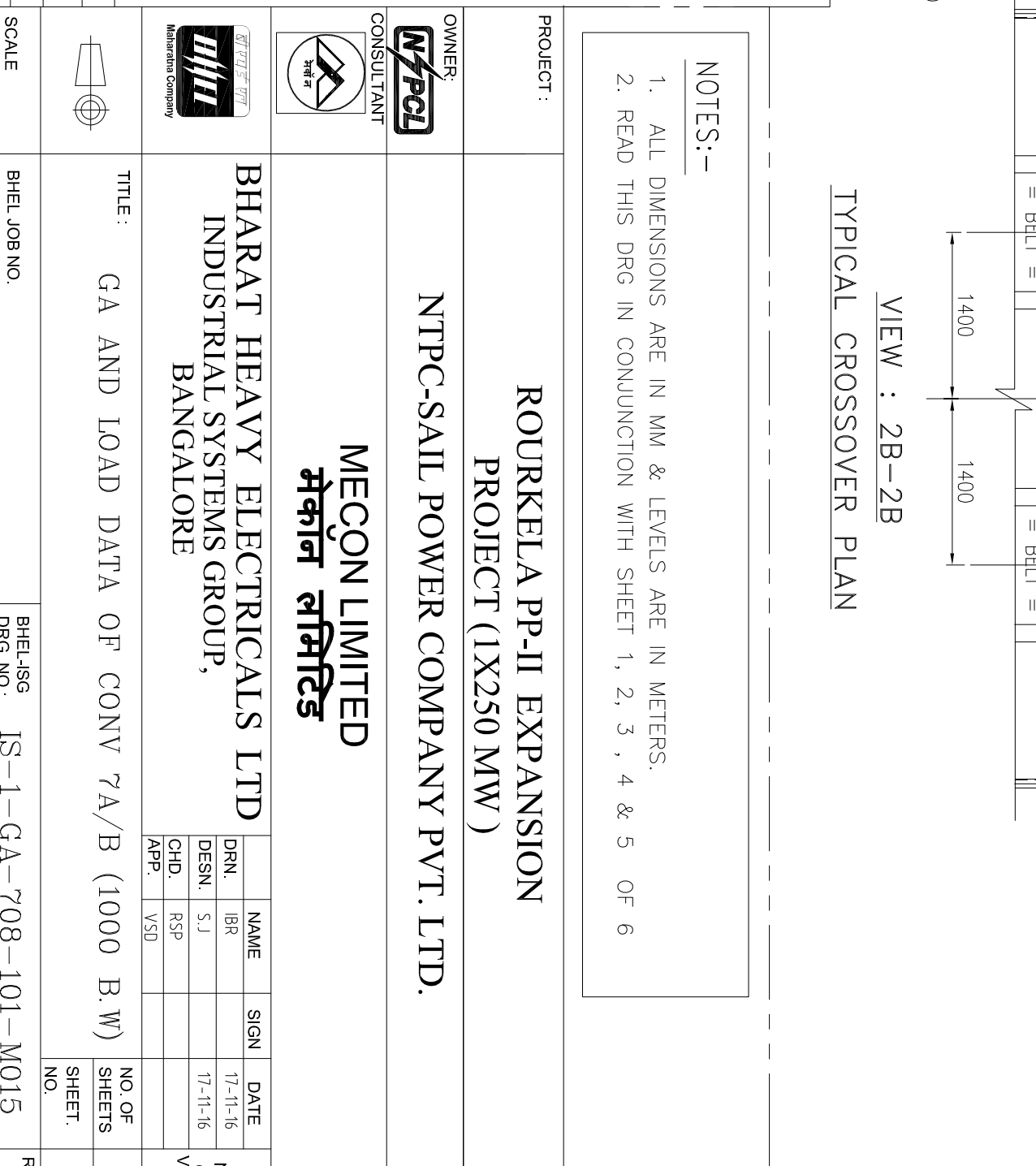
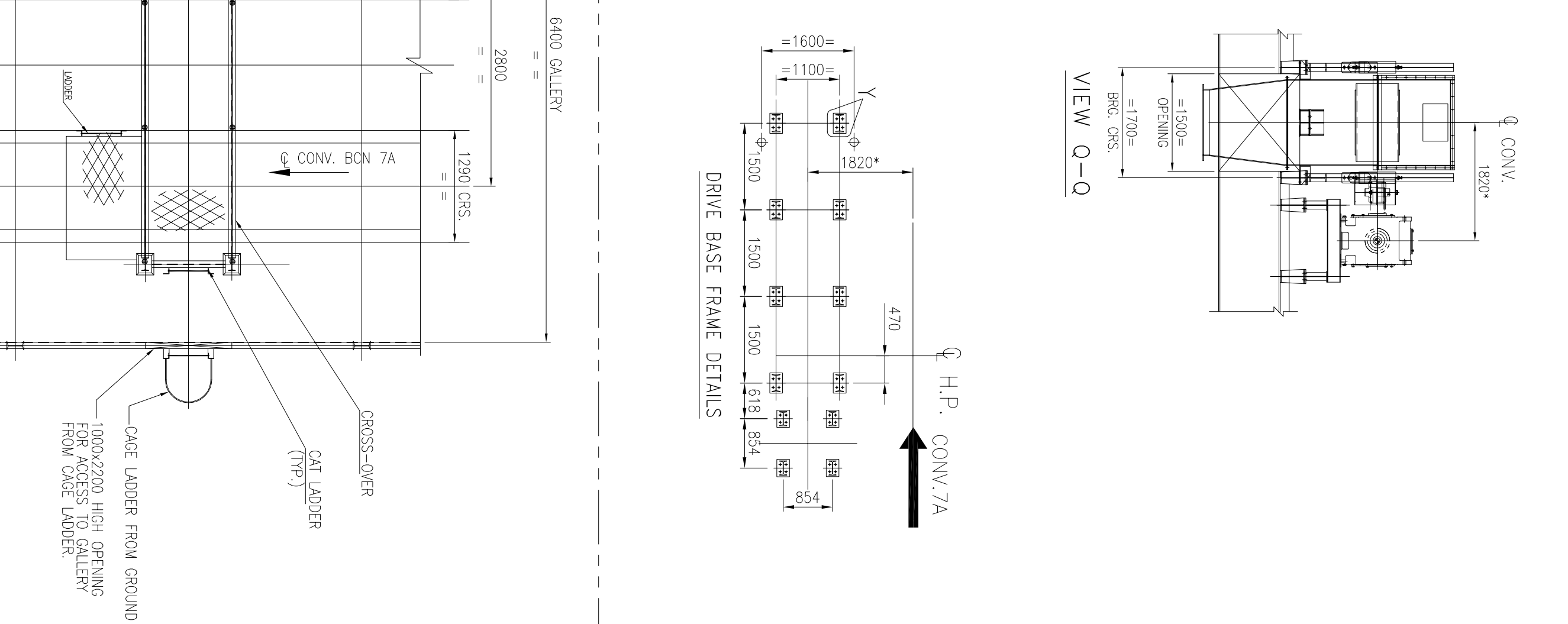
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