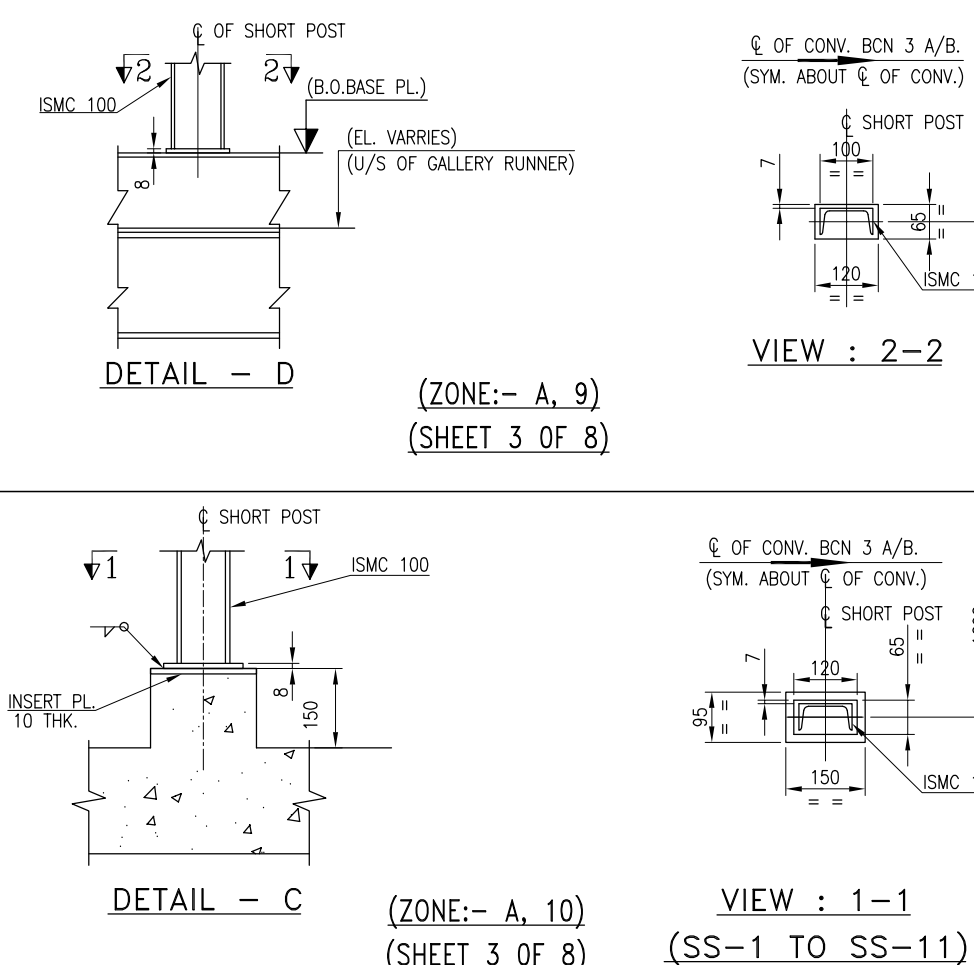
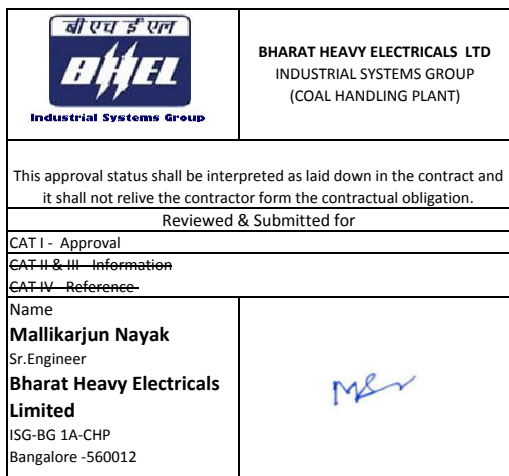
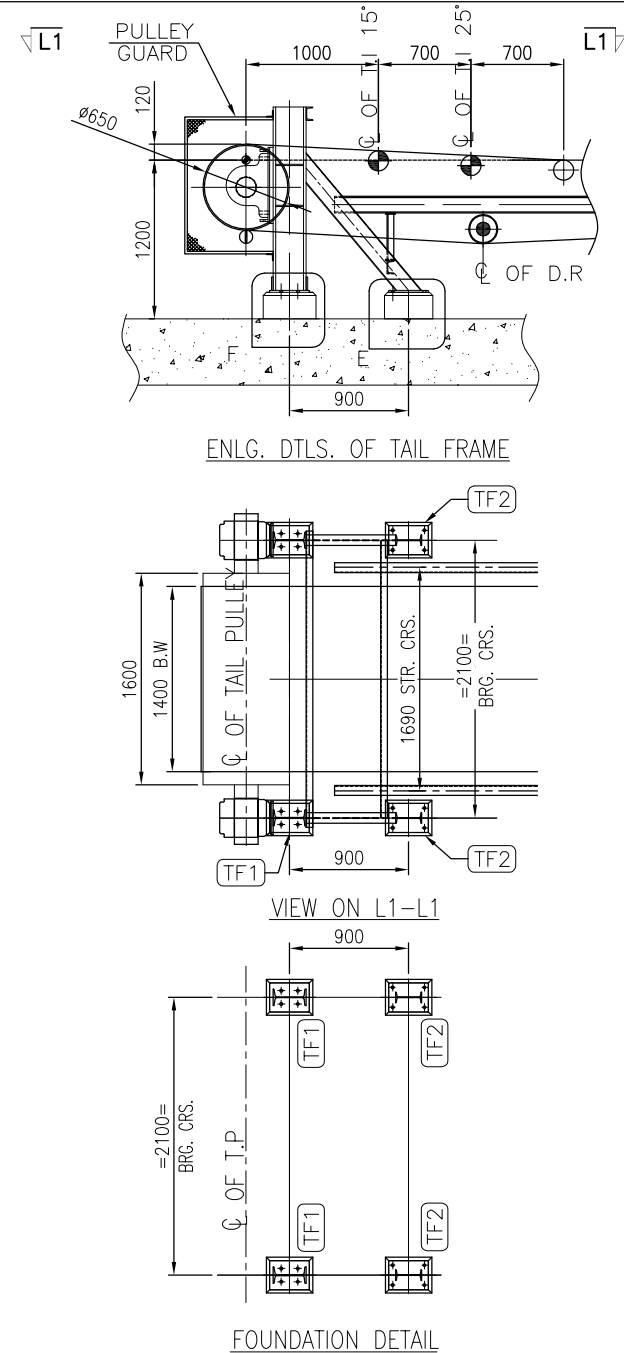




	HEAD END FOUNDATION		CHUTE BRACKET	BEND PULLEY FOUNDATION		TAIL END FOUNDATION		SHORT SUPPORT	
FOOTING MARKING	H F1	H F2	F3	B F1	B F2	T F1	T F2	S S1	S S3
NO OF FOOTING	4	4	16	4	4	4	4	24	252
DEAD LOAD	DL	2.56	0.9	4.0	1.8	1.9	0.96	2.23	2.5
LIVE LOAD	LL	0.0	1.24	1.0	0.1	0.1	0.0	0.11	0.5
LOAD DUE TO BELT PULL	HX (STARTING)	8.91	9.10	-	0.0	0.0	-	-	-
	HX (RUNNING)	7.43	7.58	-	0.0	0.0	-2.67	-4.39	-
	W± (STARTING)	-13.8	17.15	-	3.24	4.68	-	-	-
	W± (RUNNING)	-11.5	14.29	-	2.7	3.9	-8.05	7.87	-

NOTES(FOR LOAD DATA DIRECTION):
 1. SYMBOL -VE IMPLIES VERTICAL UPWARD FORCE AND +VE IMPLIES VERTICAL DOWNWARD FORCE
 2. DIRECTION OF HORIZONTAL LOADS AS INDICATED IN THE TABLE SHALL BE READ IN CONJUNCTION WITH THE RESPECTIVE PLAN VIEW OF THE CONVEYOR

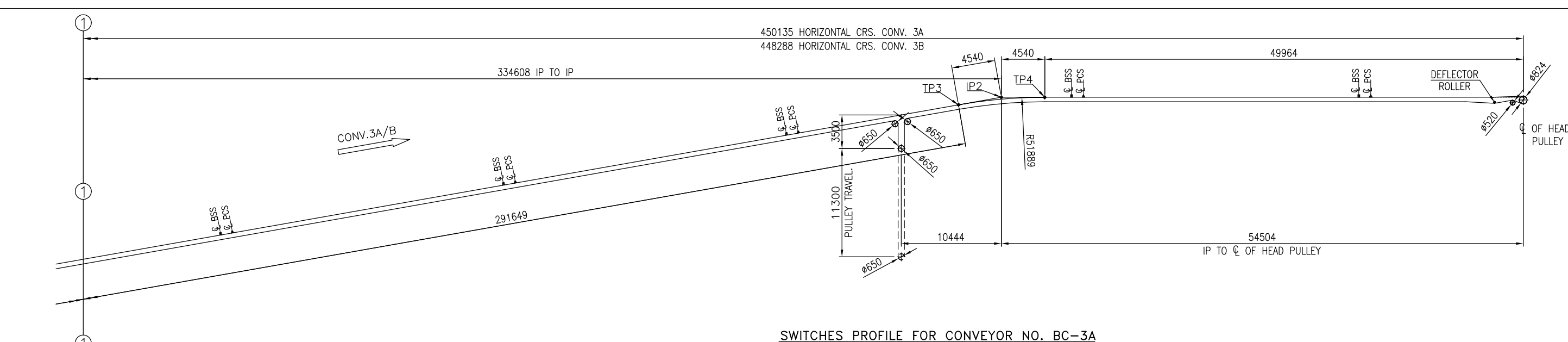
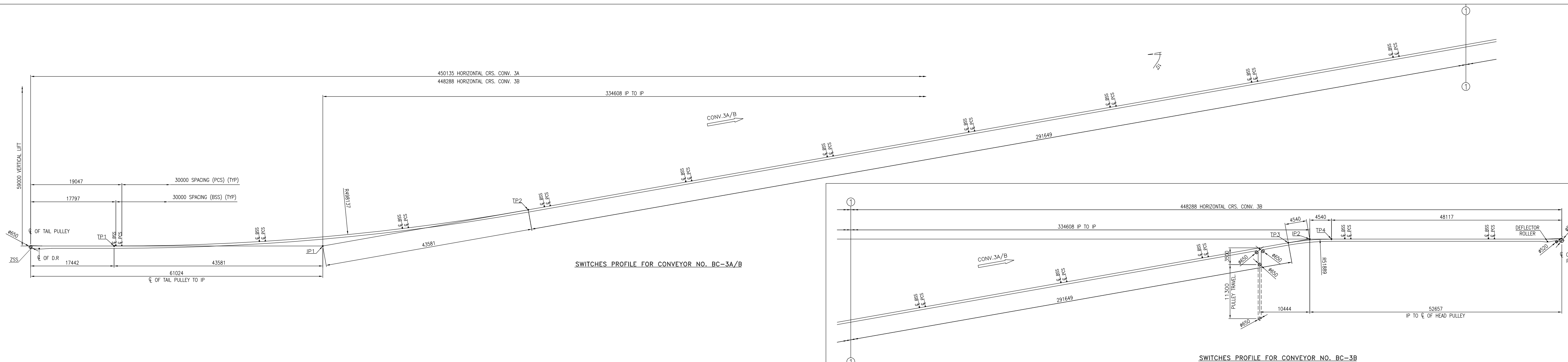
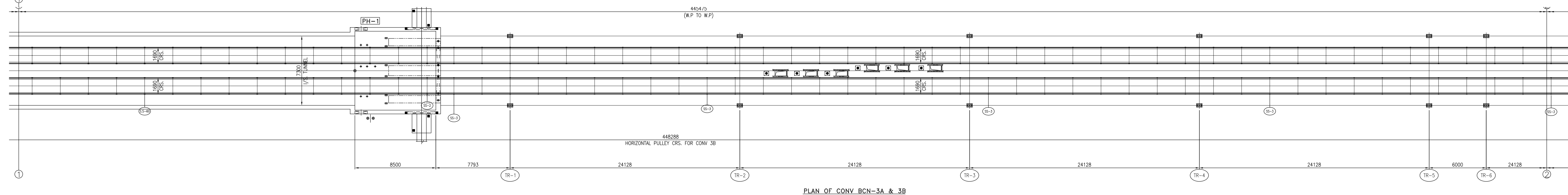
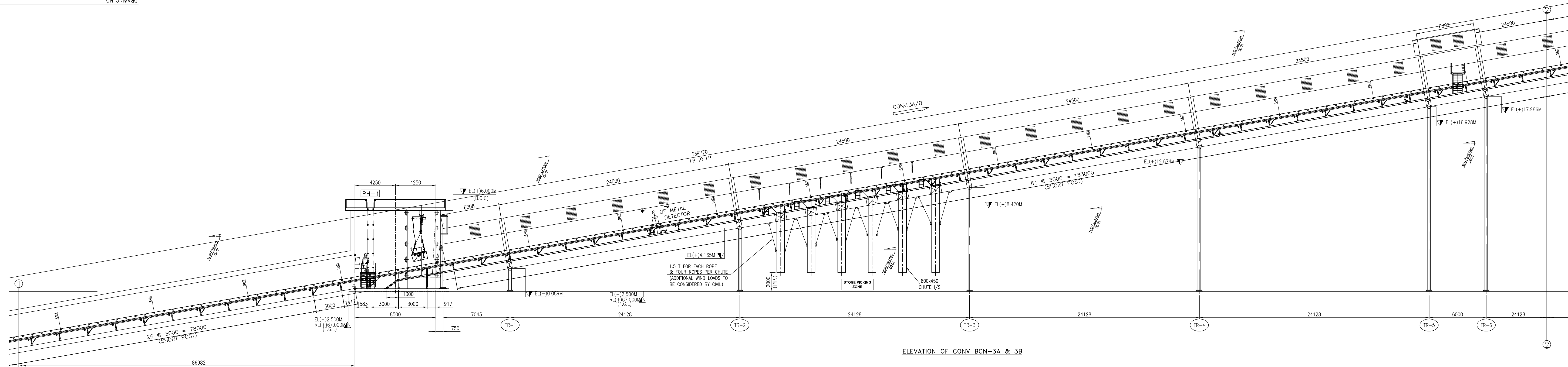


R.No:	DATE	BRIEF RECORD	BY	AI
REVISIONS				
		9		

OWNER:	TELANGANA STATE POWER GENERATION CORPORATION LTD.						
	HYDERABAD – TELANGANA, INDIA						
CONSULTANT	DESEIN PRIVATE LIMITED						
PROJECT :	BHADRADRI THERMAL POWER STATION 4 X 270 MW, UNITS-1 TO 4, MANUGURU, TELANGANA, INDIA						
EPC CONTRACTOR	BHARAT HEAVY ELECTRICALS LIMITED						
	INDUSTRIAL SYSTEMS GROUP						
	ISG-BANGALORE						
		NAME	SIGN	DATE	REV		
		DRN.	BMH	19.08.15			
		CHD.	MNK	20.08.15			
		APP.	RSP /VSD	20.08.15			
TITLE :	GA AND LOAD DATA OF BCN-3A/B				TOTAL SHEETS	08	
					SHEET NO.	01	
SCALE	BHEL JOB NO.	IS-1-14-2007	BHEL-ISG DRG.NO.:	IS-1-GA-691-101-M010			REV

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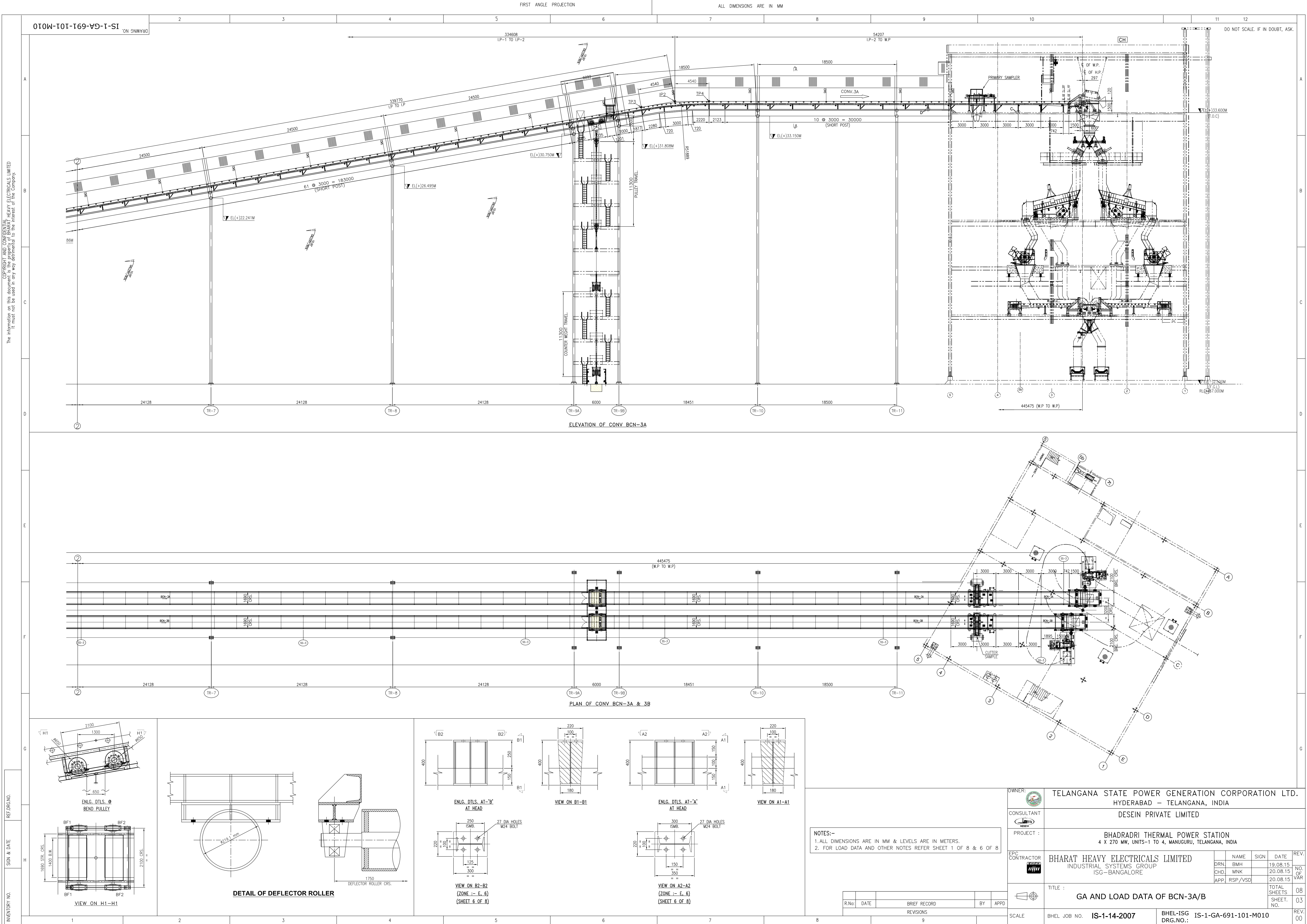


NOTES:-

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

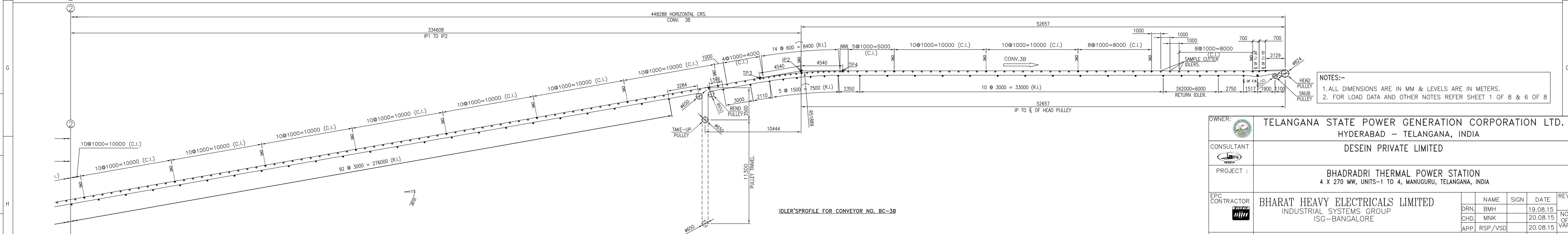
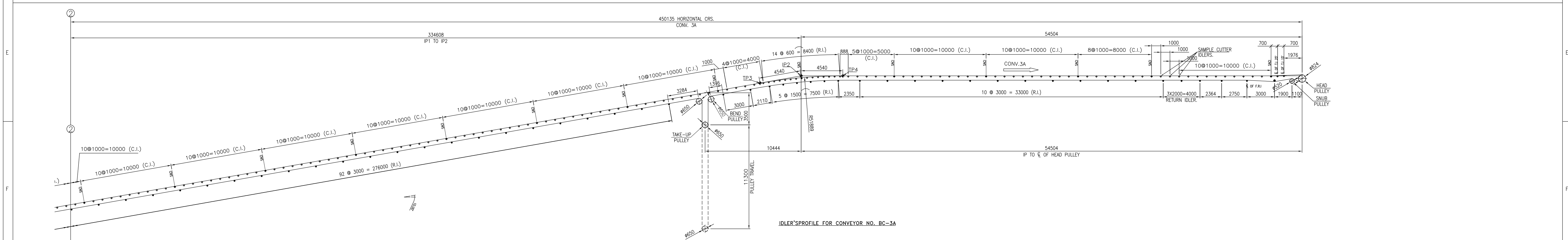
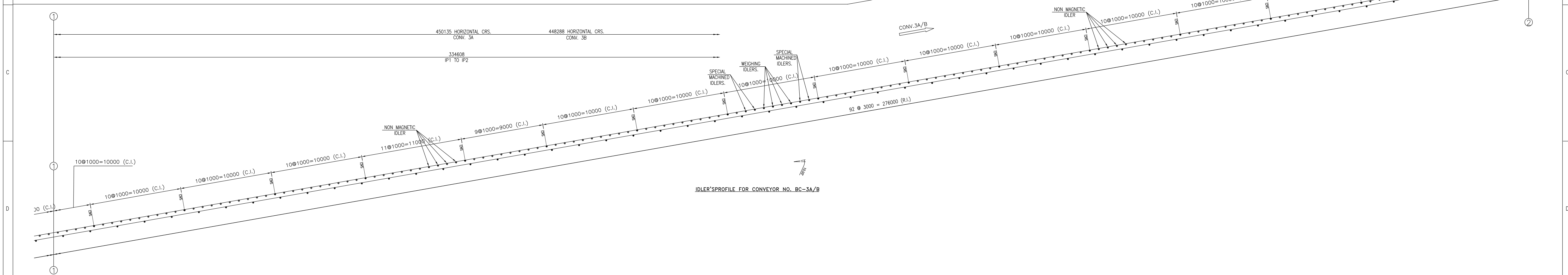
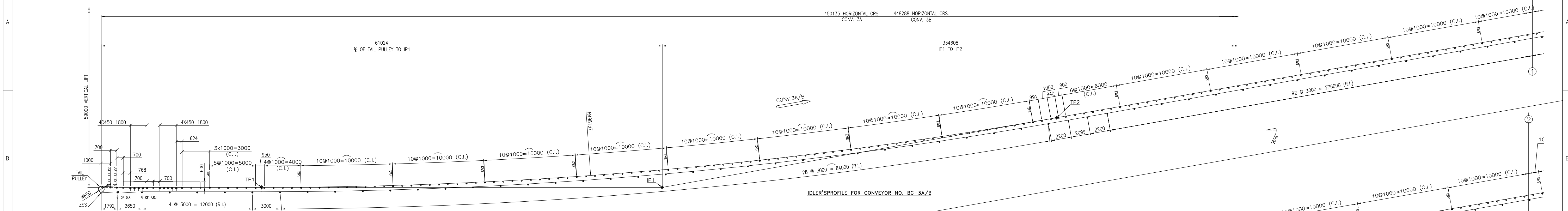
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REVISIONS			

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CONSULTANT	 DESEIN PRIVATE LIMITED																										
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EPC CONTRACTOR	 BHARAT HEAVY ELECTRICALS LIMITED INDUSTRIAL SYSTEMS GROUP ISG-BANGALORE							<table><tr><td></td><td>NAME</td><td>SIGN</td><td>DATE</td></tr><tr><td>DRN.</td><td>DUT</td><td></td><td>19.08.15</td></tr><tr><td>CHD.</td><td>MNK</td><td></td><td>20.08.15</td></tr><tr><td>APP.</td><td>RSP/VSD</td><td></td><td>20.08.15</td></tr></table>			NAME	SIGN	DATE	DRN.	DUT		19.08.15	CHD.	MNK		20.08.15	APP.	RSP/VSD		20.08.15	REV	
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	TITLE : GA AND LOAD DATA OF BCN-3A/B							TOTAL SHEETS NO. OF VARS		08																	
PD								SHEET.		02																	
SCALE	BHEL JOB NO. IS-14-2007				BHEL-ISG DRG.NO.: IS-1-GA-691-101-M010				REV																		



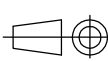
DRAWING NO. IS-1-GA-691-101-M010

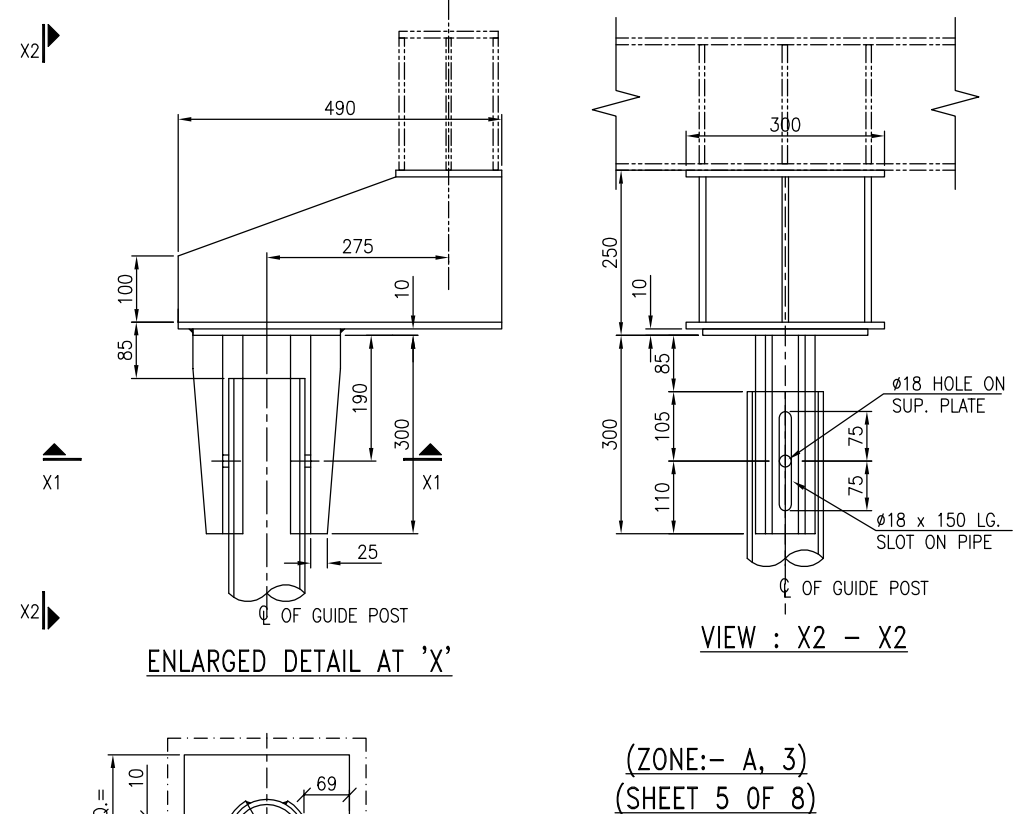
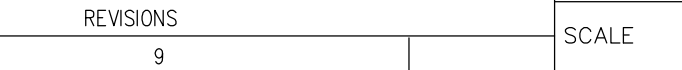
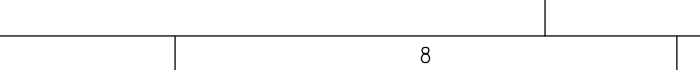
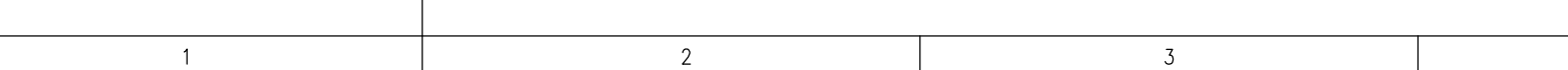
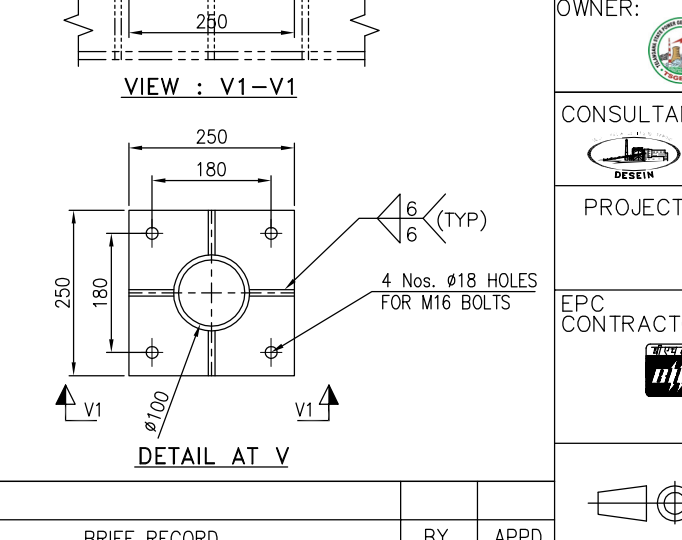
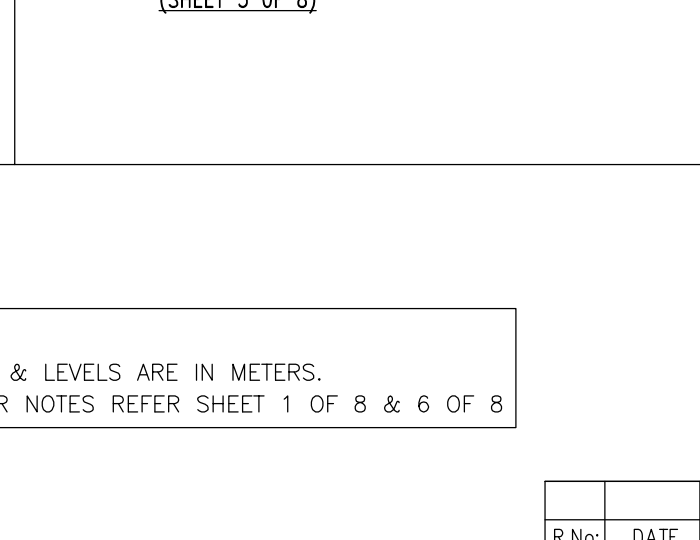
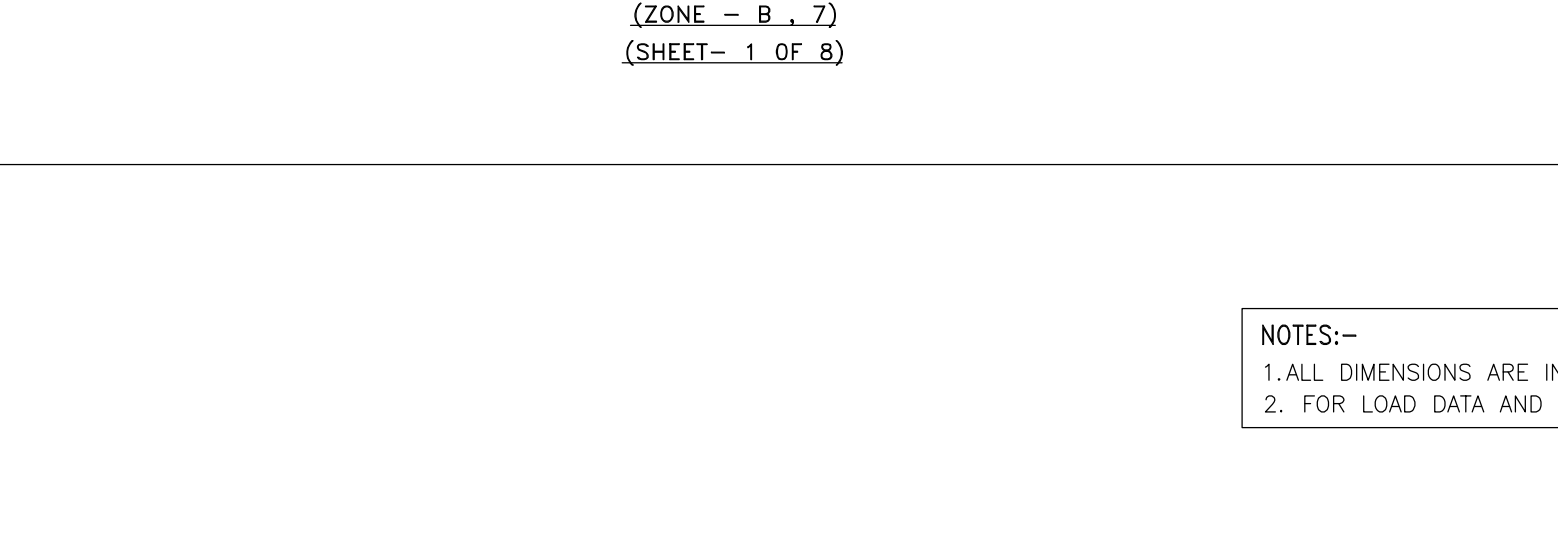
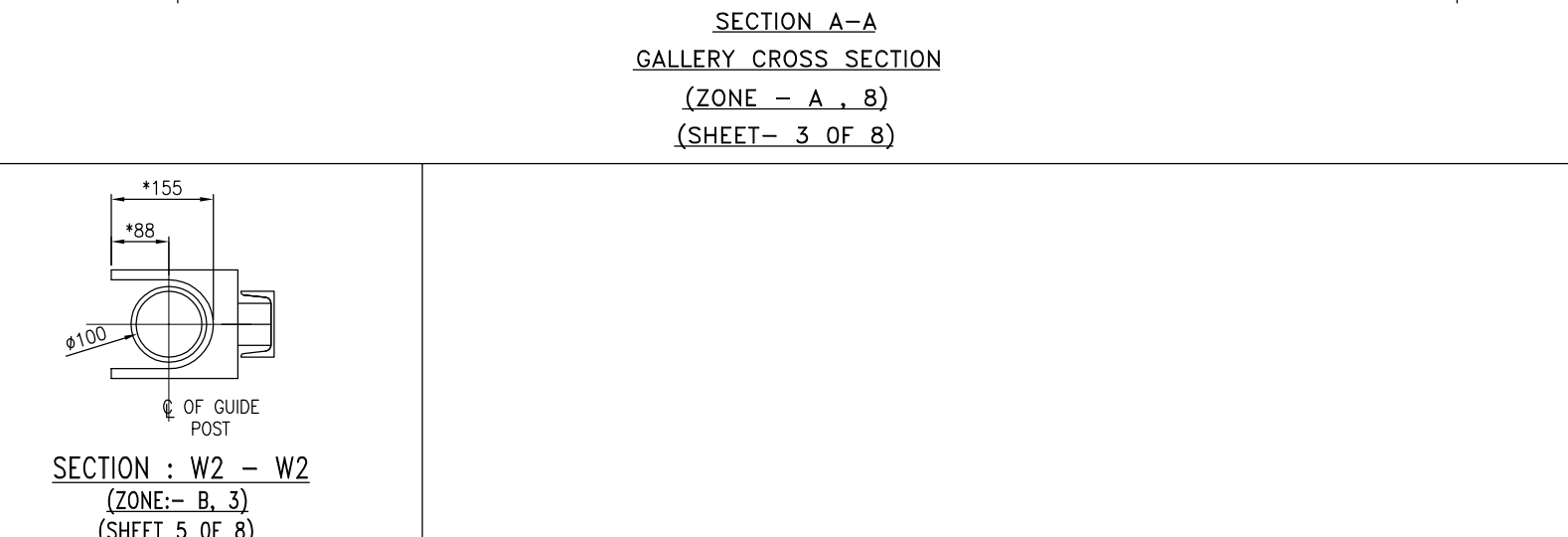
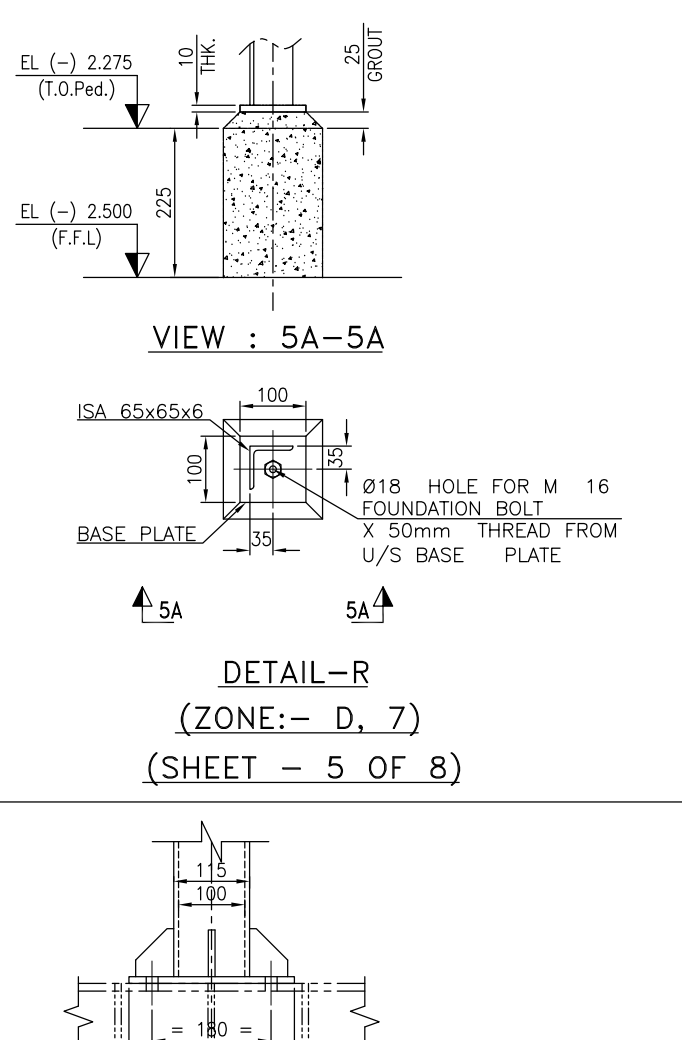
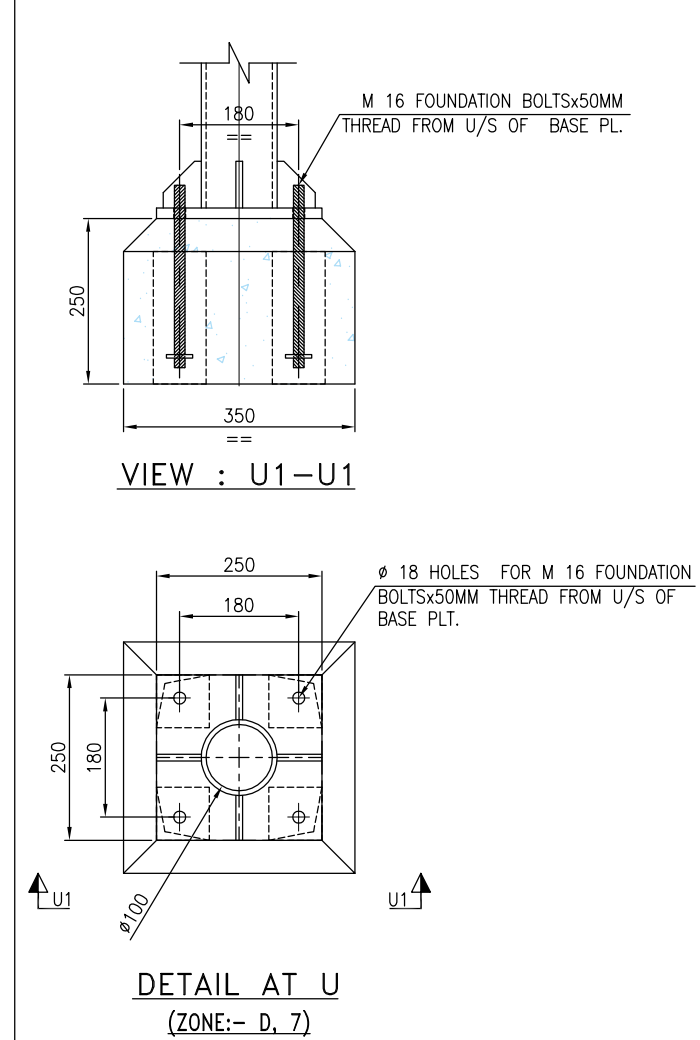
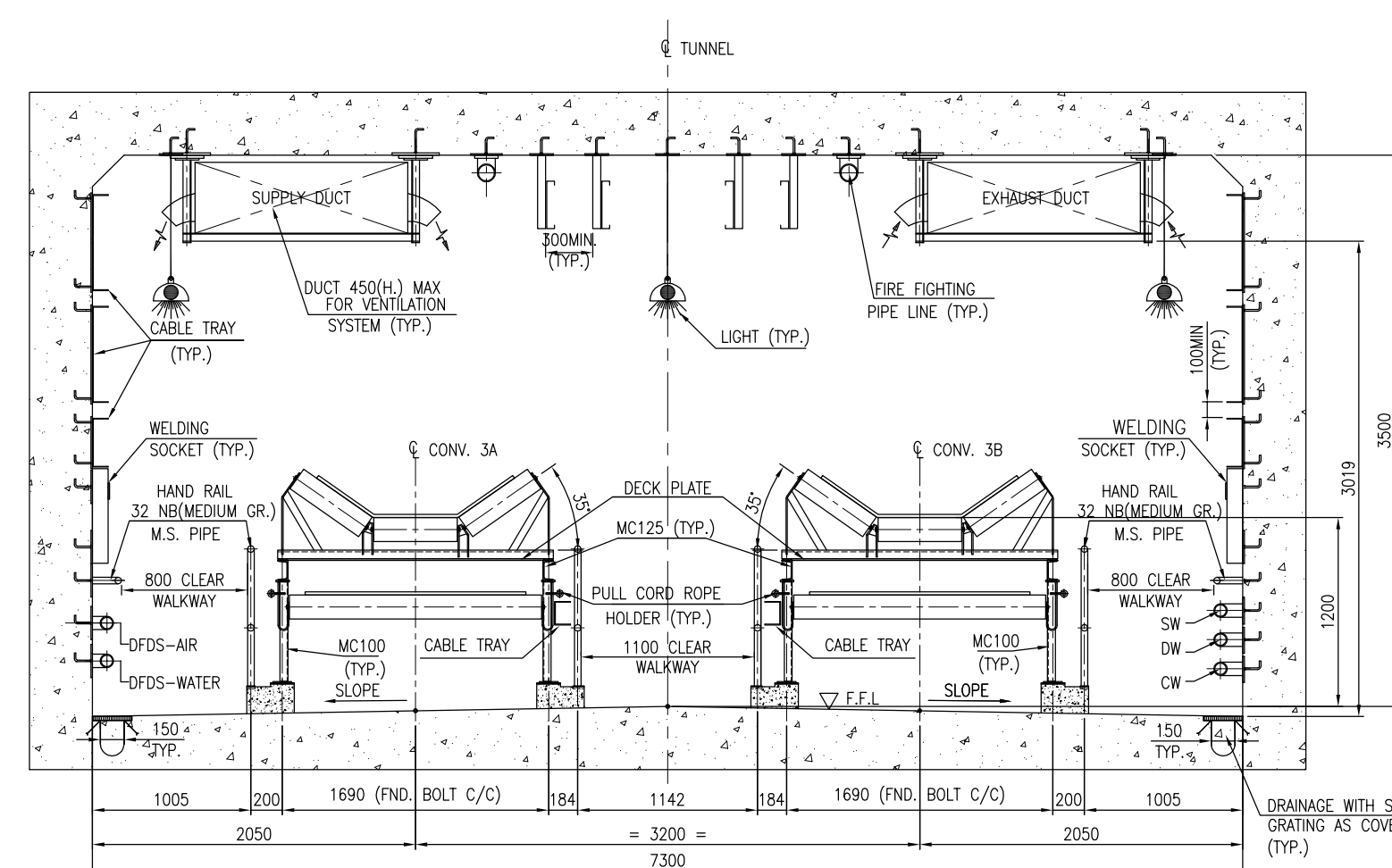
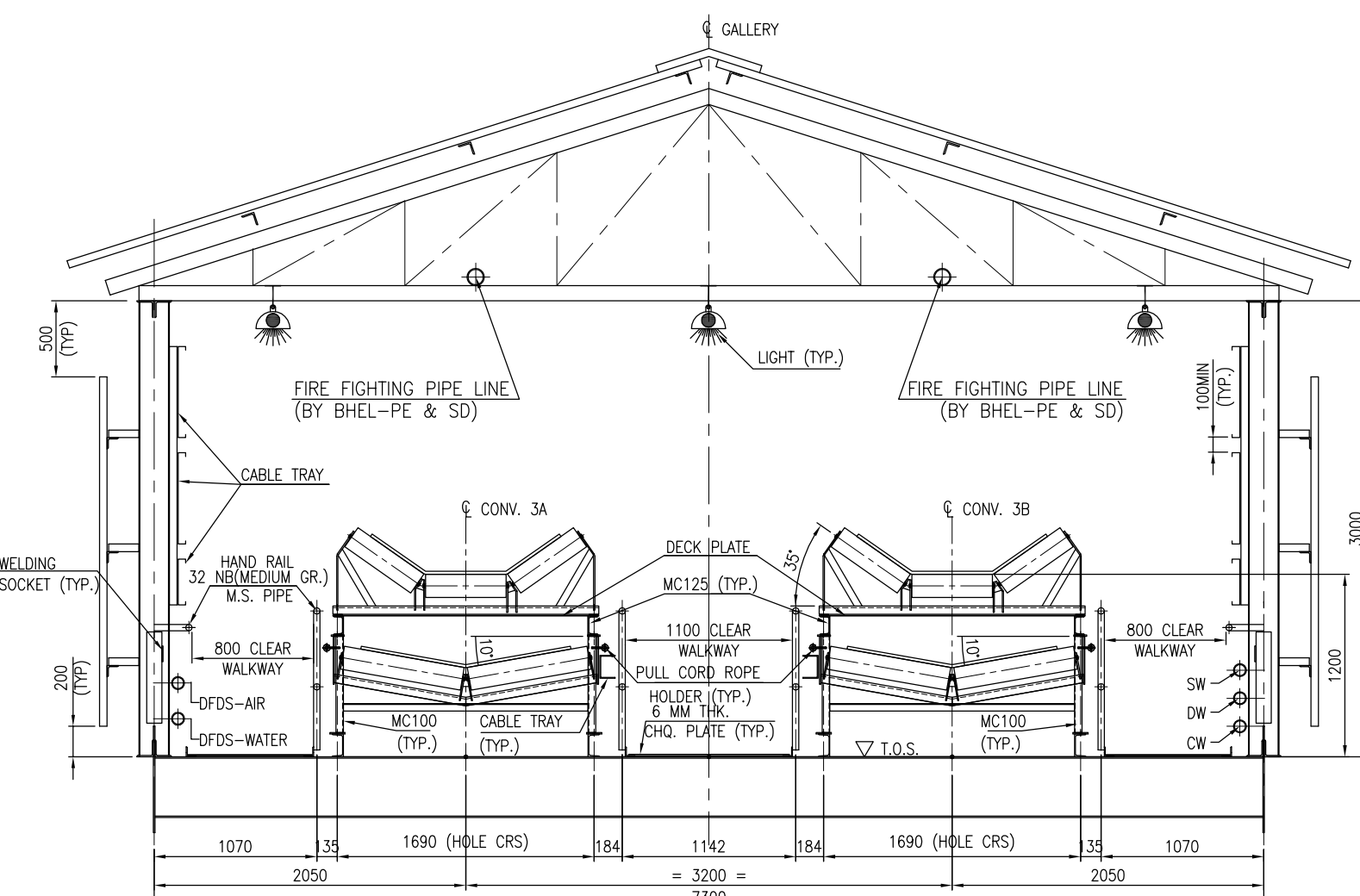
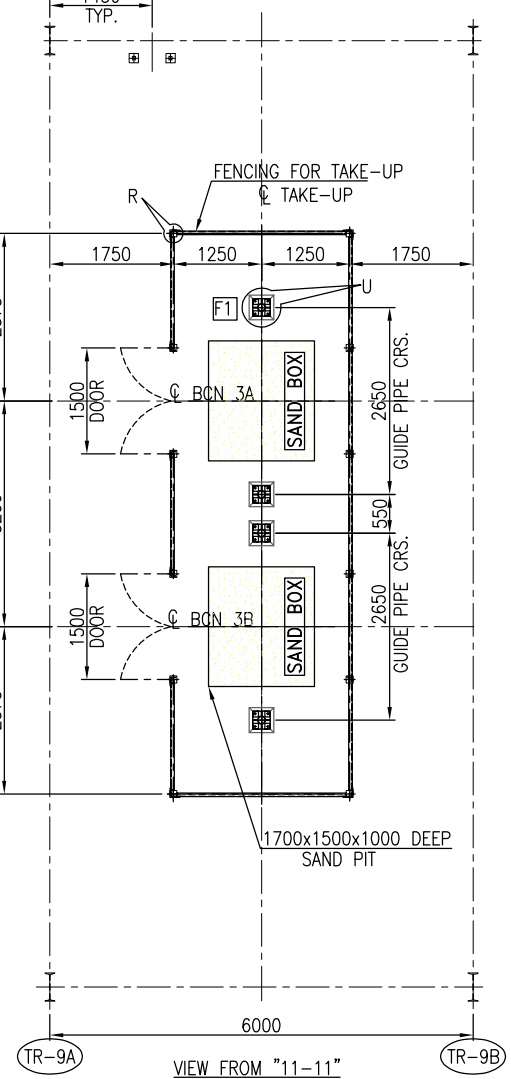
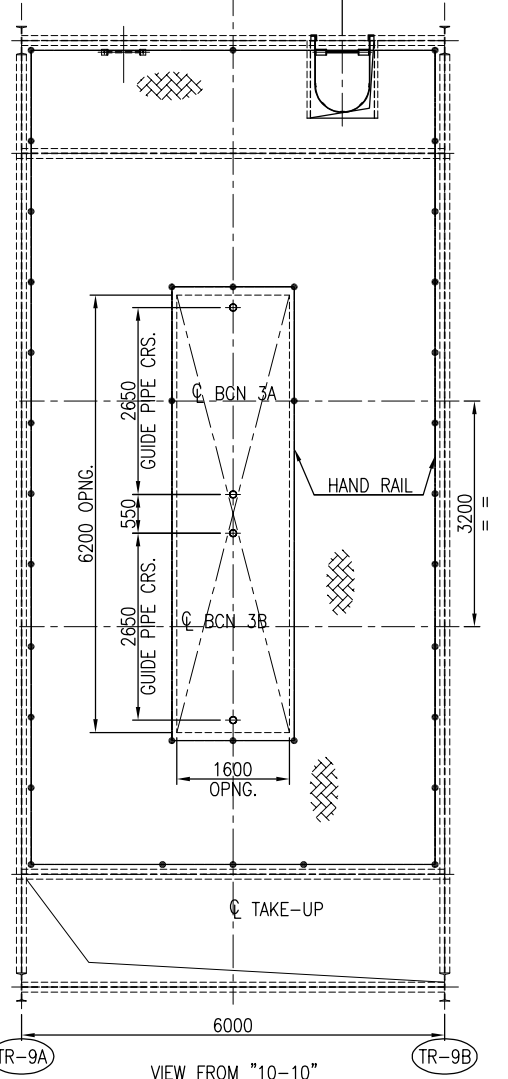
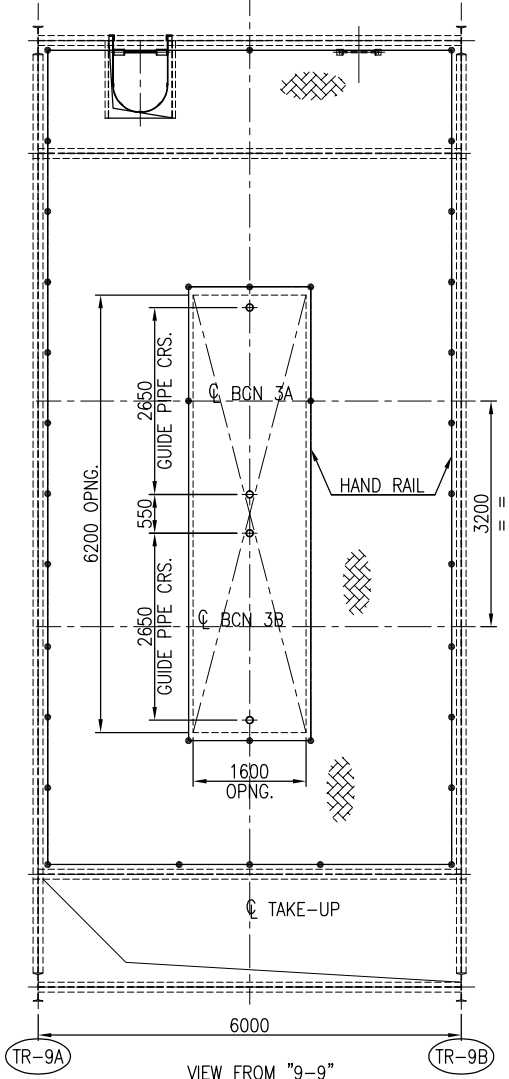
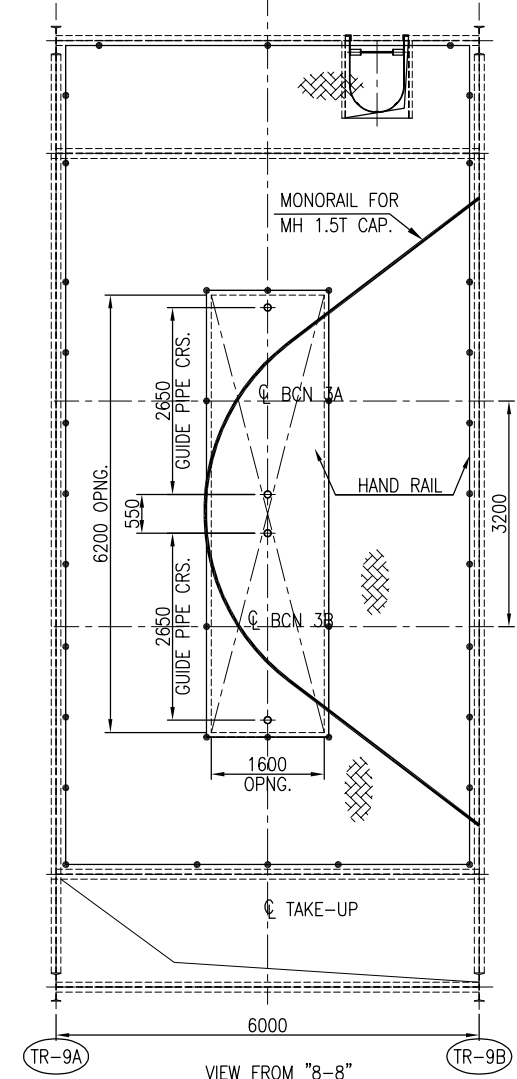
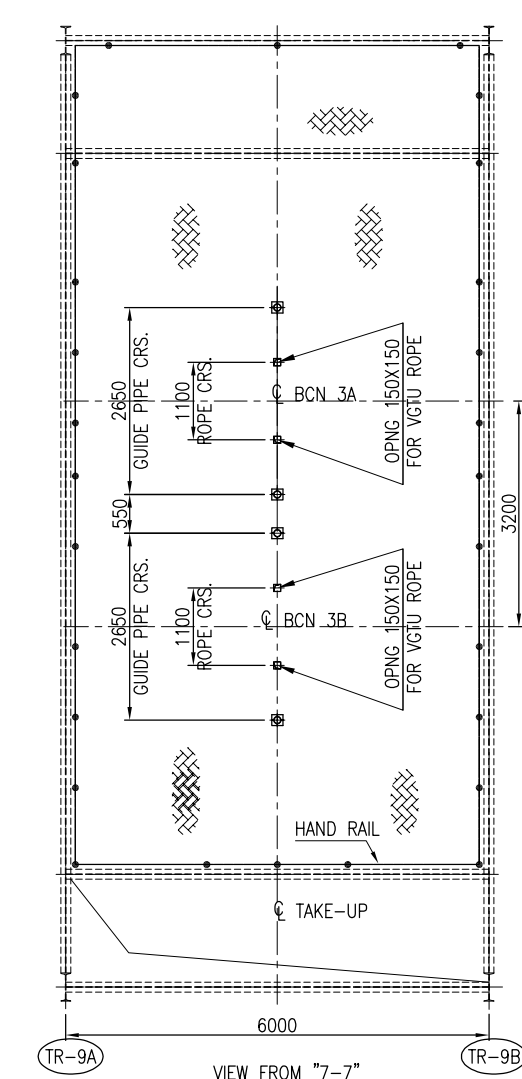
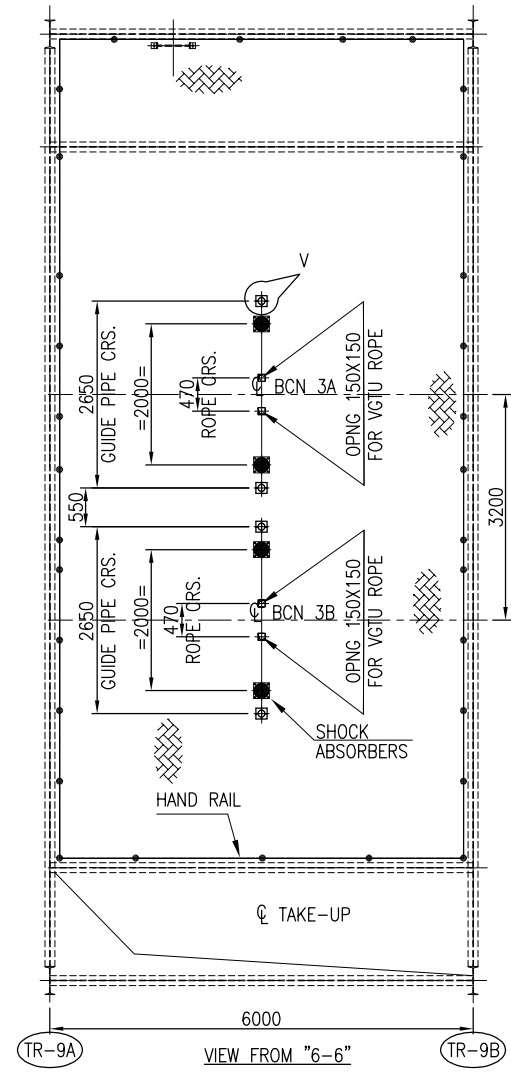
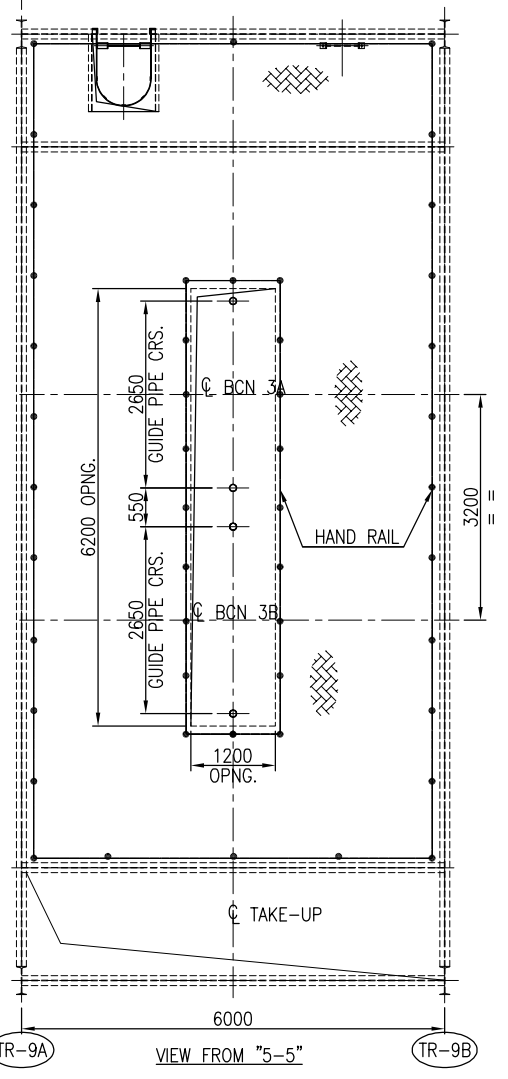
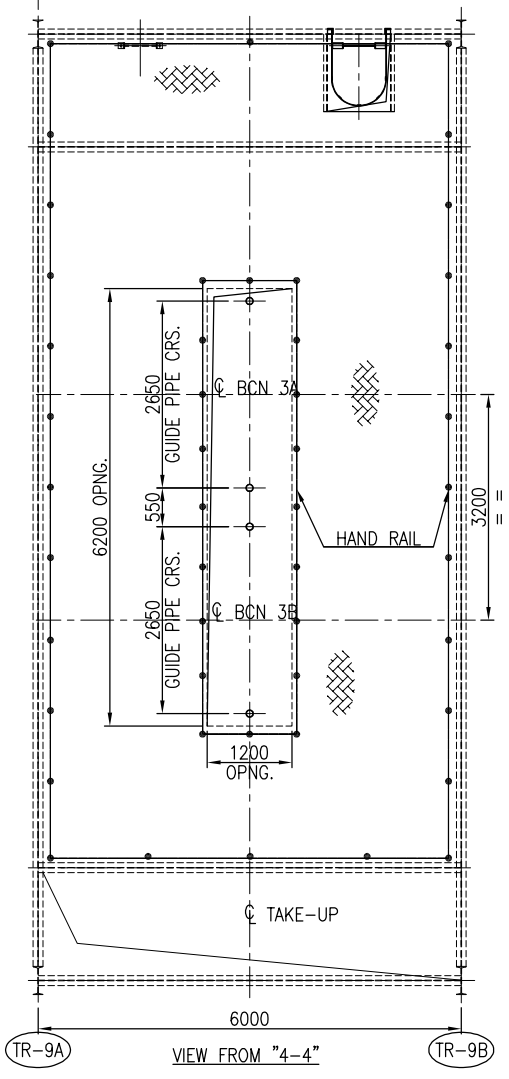
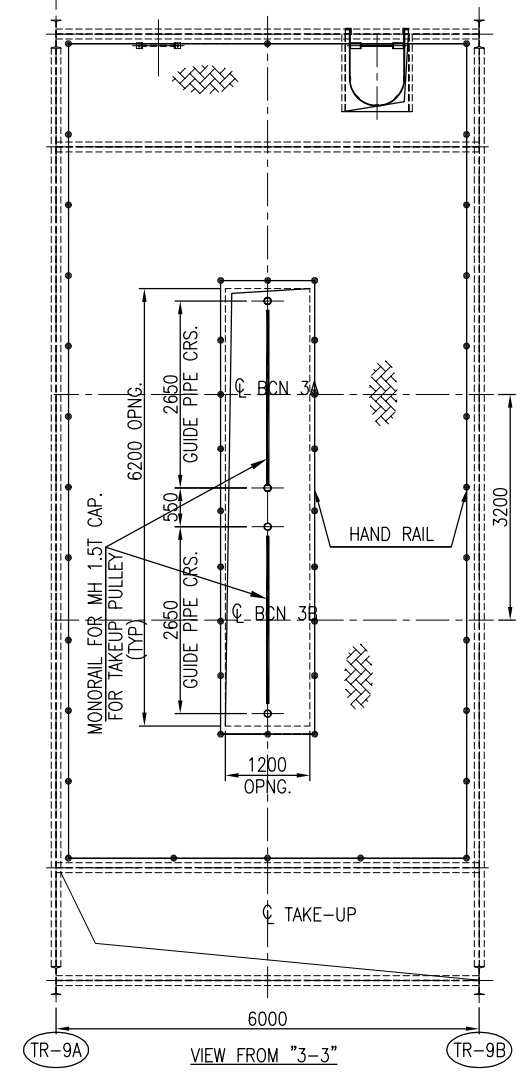
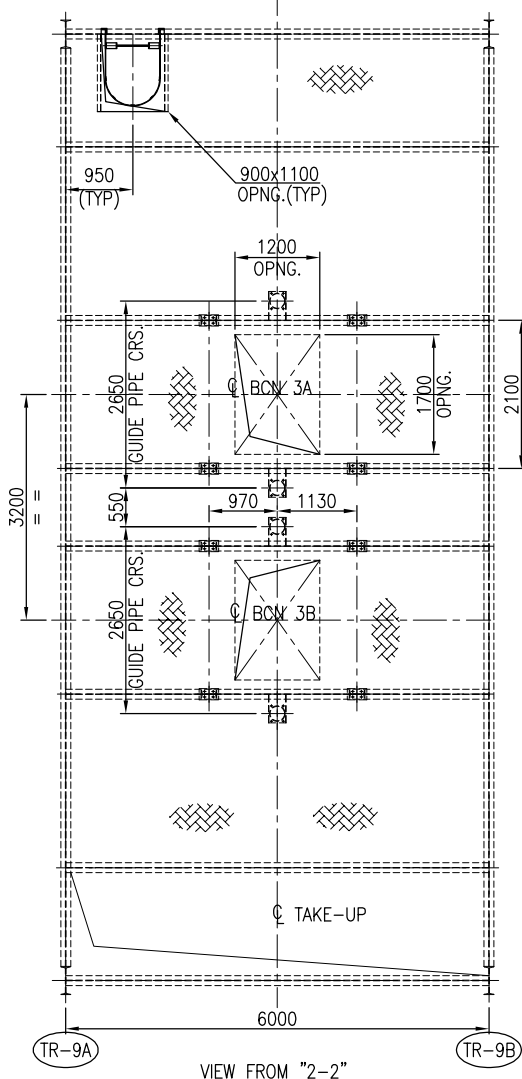
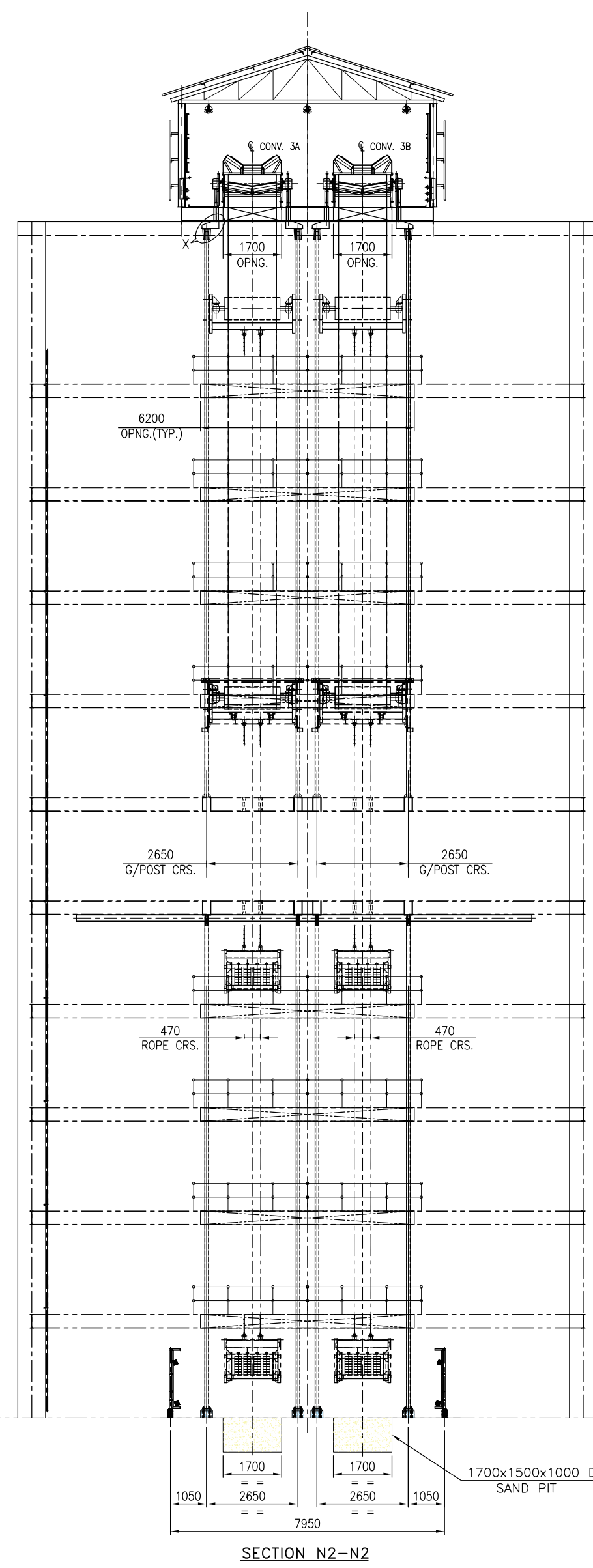
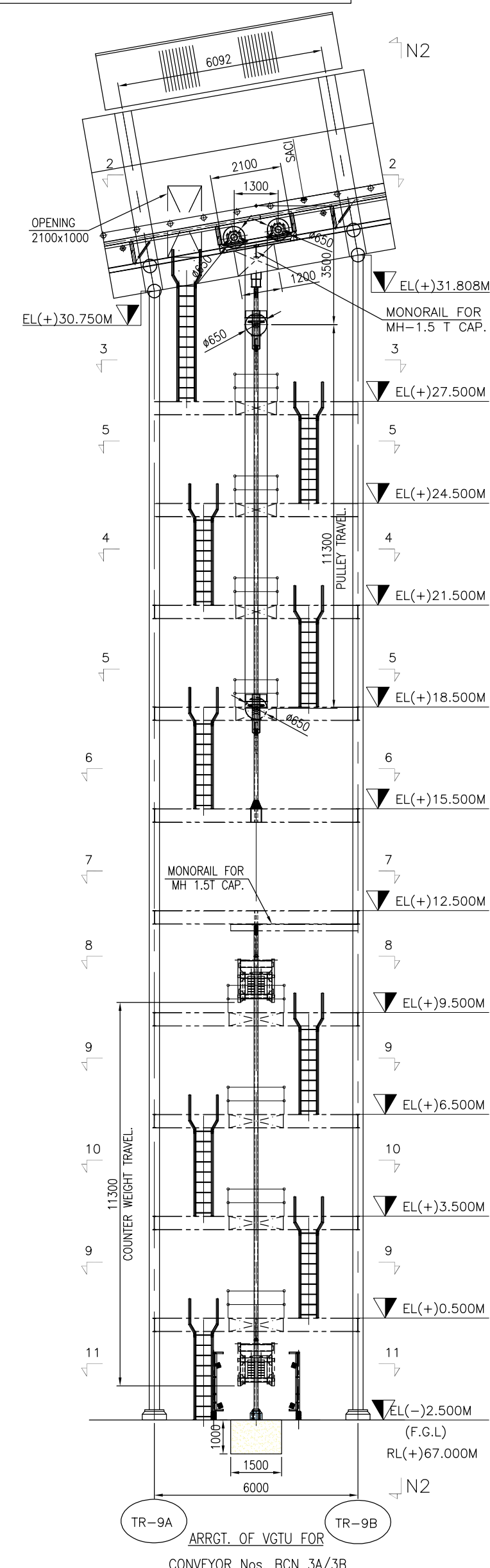
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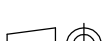
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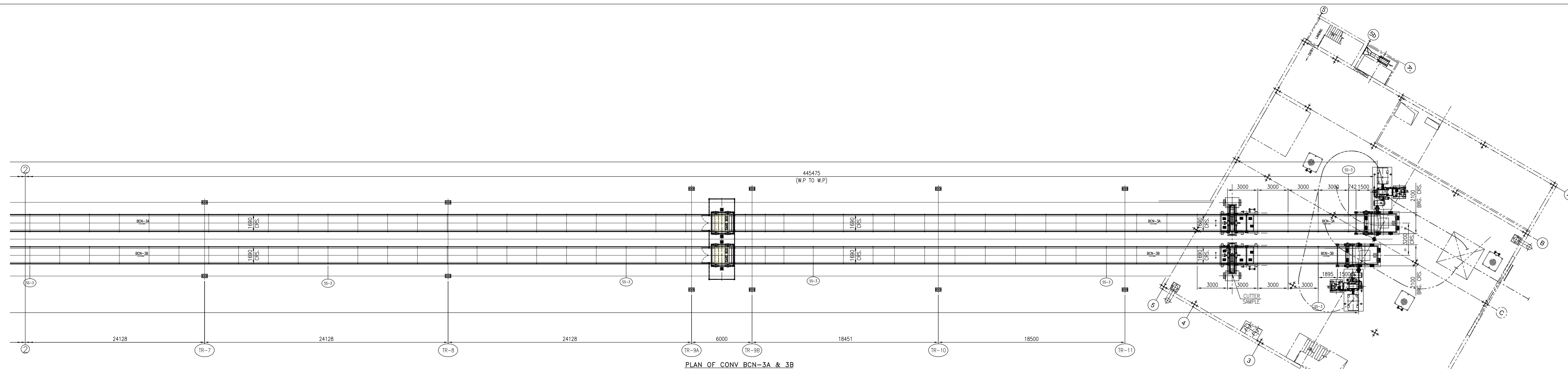
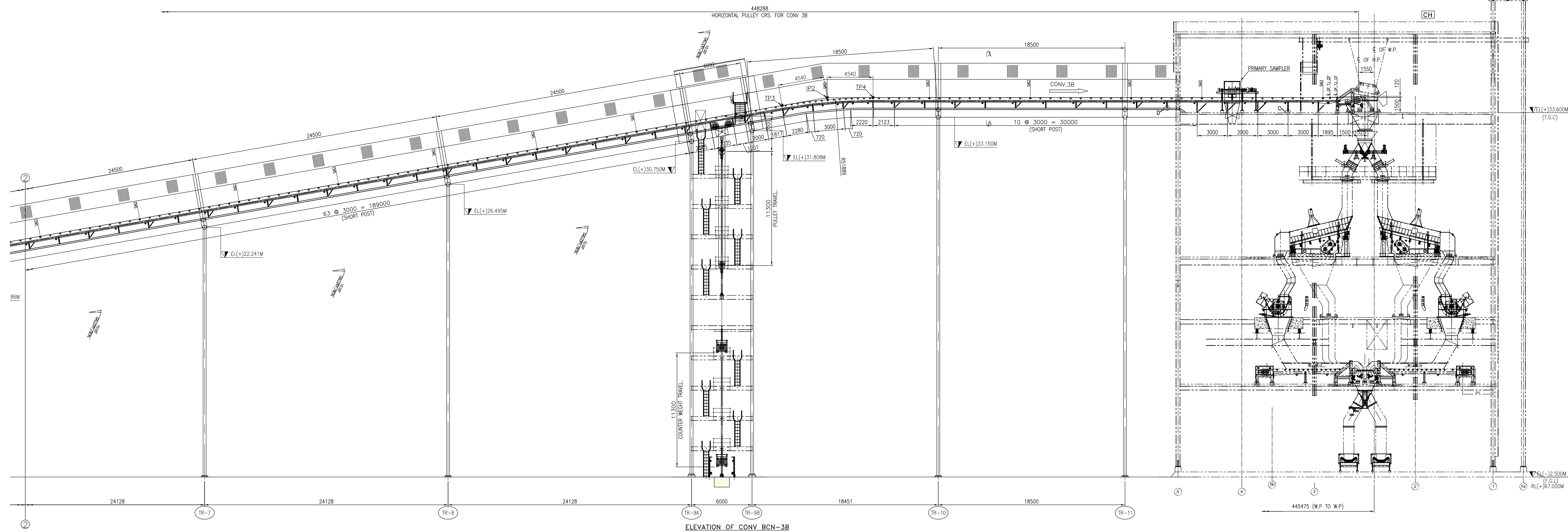
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OWNER:	 TELANGANA STATE POWER GENERATION CORPORATION LTD. HYDERABAD – TELANGANA, INDIA										
CONSULTANT	 DESEIN PRIVATE LIMITED										
PROJECT :	BHADRADRI THERMAL POWER STATION 4 X 270 MW, UNITS-1 TO 4, MANUGURU, TELANGANA, INDIA										
EPC CONTRACTOR	 BHARAT HEAVY ELECTRICALS LIMITED INDUSTRIAL SYSTEMS GROUP ISG-BANGALORE						NAME	SIGN	DATE	REV	
							DRN	BMH	19.08.15	NO OF VARS	
							CHD	MNK	20.08.15		
							APP	RSP/VSD	20.08.15		
	TITLE : GA AND LOAD DATA OF BCN-3A/B								TOTAL SHEETS 08 OF 04		
SCALE	BHEL JOB NO. IS-1-14-2007				BHEL-ISG DRG.NO.: IS-1-GA-691-101-M010				REV		



				TECHNICAL SPECIFICATION		QTY FOR EACH	MAKE		
CONVEYOR	S-1592	CONVEYOR NO./EQUIPMENT NO.		BCN-34/38		-			
		RATED CAPACITY/DESIGN CAPACITY (T.P.H.)		1400/1400		-			
		BELT WIDTH (MM)/TROUGHING ANGLE		1400/35°		-			
		VERTICAL LIFT (M)		59.000		-			
MATERIAL HANDLED	IS 1801	HORIZONTAL CRS. (M)		450.135M/448.288M		-			
		PROFILE LENGTH (MM)		456.215/454.368M		-			
		ENDLESS BELT LENGTH (CONSIGNING SAG) (MM)		965M		-			
		SPEED (M/SEC.)		2.7		-			
		MATERIAL		COAL		-			
		BULK DENSITY FOR CONVEYOR SIZING (TON/CU.M)		0.8		-			
		FOR STRUCTURAL DESIGN (TON/CU.M)		1.2		-			
		LUMP SIZE (MM)		(-)20		-			
		MOISTURE CONTENT		20%		-			
		MATERIAL TEMP.		AMBIENT (MAX. 50°)		-			
BELT	IS 1801	TYPE / GRADE		N/N - FR		-			
		RATING		1600/4		-			
		TOP COVER THICKNESS (MM)		8		-			
		BOTTOM COVER THICKNESS (MM)		3		-			
DRIVE DETAILS	GLEBAROX	BELT TENSION (KN)		11-165.90, 12-68.57		-			
		TYPE OF JOINT		VULCANIZED		-			
		TYPE		TEFC, IE2, IP55		1 No.			
		POWER RATING(KW)/RPM/FRAME SIZE		400		-			
		SUPPLY VOLTAGE / DUTY		6.6 KV,3PHASE,50Hz		-			
		TYPE		HELICAL		1 No.	MAKE LATER		
		MODEL NO		-		-			
		HOLD BACK		YES		-			
		RATIO		-		-			
		MECHANICAL RATING KW		-		-	MAKE LATER		
BRAKE	GLEBAROX	TYPE		ELECTRO HYDRAULIC TRUSTOR		-	MAKE LATER		
		TYPE/SIZE		SC00P		1 No.			
COUPLING	S-1592	RATING - KW		-		-			
		TYPE/SIZE		-		-			
		RATING - KW/100 rpm		-		1 No.	MAKE LATER		
TAKE UP	S-1592	TYPE		VG1U		-			
		TRAVEL (MM)		11300		-			
PULLEYS (S-6851)	THAM	COUNTER WEIGHT (IN KG)		-		-			
		DRIVE		#824		1 No.			
		TAIL		#650		1 No.			
		TAKE-UP		#650		1 No.			
		BEND		#650		2 Nos.			
		SNUB		#520		1 No.			
		DRIVE PULLEY		12 MM SHORE, DIAMOND		-			
		ALL OTHER PULLEYS		10 MM PLAIN NATURAL RUBBER		-			
		IDLERS (S-6858)	CARRYING	3 ROLL 15' TRANSITION IDLERS		#152.4 ERW +4.85THK. MS PIPE		2/2 Nos.	
				3 ROLL 25' TRANSITION IDLERS		#152.4 ERW +4.85THK. MS PIPE		2/2 Nos.	
3 ROLL 35' CARRYING IDLERS				#152.4 ERW +4.85THK. MS PIPE		391/389 Nos.			
3 ROLL 35' IMPACT IDLERS				#139.7 ERW +4.85THK. MS PIPE, OD #190		10/10 Nos.			
3 ROLL 35' SELF ALIGNING CARRYING IDLERS				#152.4 ERW +4.85THK. MS PIPE		45/45 Nos.			
1 ROLL RETURN IDLER				#152.4 ERW +4.85THK. MS PIPE		66/66 Nos.			
2 ROLL RETURN IDLER				#152.4 ERW +4.85THK. MS PIPE		85/85 Nos.			
FLAT RETURN ROLLER				#152.4 ERW +4.85THK. MS PIPE		2/2 Nos.			
WEIGHING IDLERS				#152.4 ERW +4.85THK. MS PIPE		4/4 Nos.			
SPECS. MACHINED IDLERS				#152.4 ERW +4.85THK. MS PIPE		8/8 Nos.			
SAFETY	S-6858	NON MAGNETIC IDLER		#152.4 ERW +4.85THK. MS PIPE		8/8 Nos.			
		DEFLECTOR ROLLER		#129.0MM THK. MS PLATE		2/2 Nos.			
		INTERNAL SCRAPER TYPE		V-PLUGH TYPE		1 No.			
		EXTERNAL SCRAPER TYPE		PRIMARY WITH SPRING BLADE		1 No.			
		TYPE		SECONDARY WITH TORSION ARM		1 No.			
		SKEET BOARD		8.4 M		1 No.	EACH		
		DECK PLATE		3.15MM THK. MS THROUGHOUT		1 LOT.			
		HEAD FRAME, TAIL FRAME & DRIVE BASE FRAME		-		1 EACH			
		BEND FRAME		-		1 EACH			
		STRINGER		ISM-125		1 LOT			
SAFETY	S-6858	SHORT SUPPORT		ISM-100		1 LOT			
		PULL CORD SWITCH /LOCATION		30 M SPACING		15/15 PAIRS.			
		BELT SWAY SWITCH/LOCATION		30 M SPACING		15/15 PAIRS.			
		ZERO SPEED SWITCH/LOCATION		ONE FOR EACH CONVEYOR MOUNTED AT TAIL PULLEY		1 No.			
ONE CONVEYOR QTY. INDICATED									

OWNER:	 TELANGANA STATE POWER GENERATION CORPORATION HYDERABAD – TELANGANA, INDIA				
CONSULTANT	 DESEIN PRIVATE LIMITED				
PROJECT :	BHADRADRI THERMAL POWER STATION 4 X 270 MW, UNITS-1 TO 4, MANUGURU, TELANGANA, INDIA				
EPC CONTRACTOR 	BHARAT HEAVY ELECTRICALS LIMITED INDUSTRIAL SYSTEMS GROUP ISG-BANGALORE			NAME BMH MNK RSP/VSD	SIGN 19.08 20.08 20.08
	TITLE : GA AND LOAD DATA OF BCN-3A/B				TOTAL SHEET SHEET NO.
SCALE	BHEL JOB NO. IS-1-14-2007		BHEL-ISG DRG.NO.: IS-1-GA-691-101-M010		



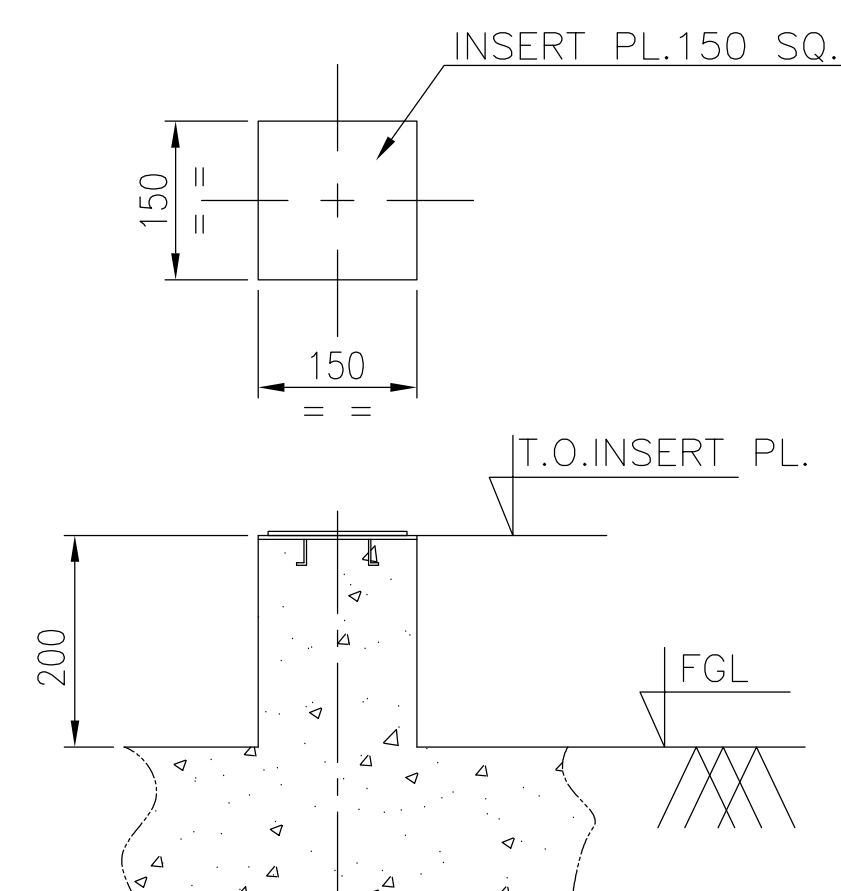
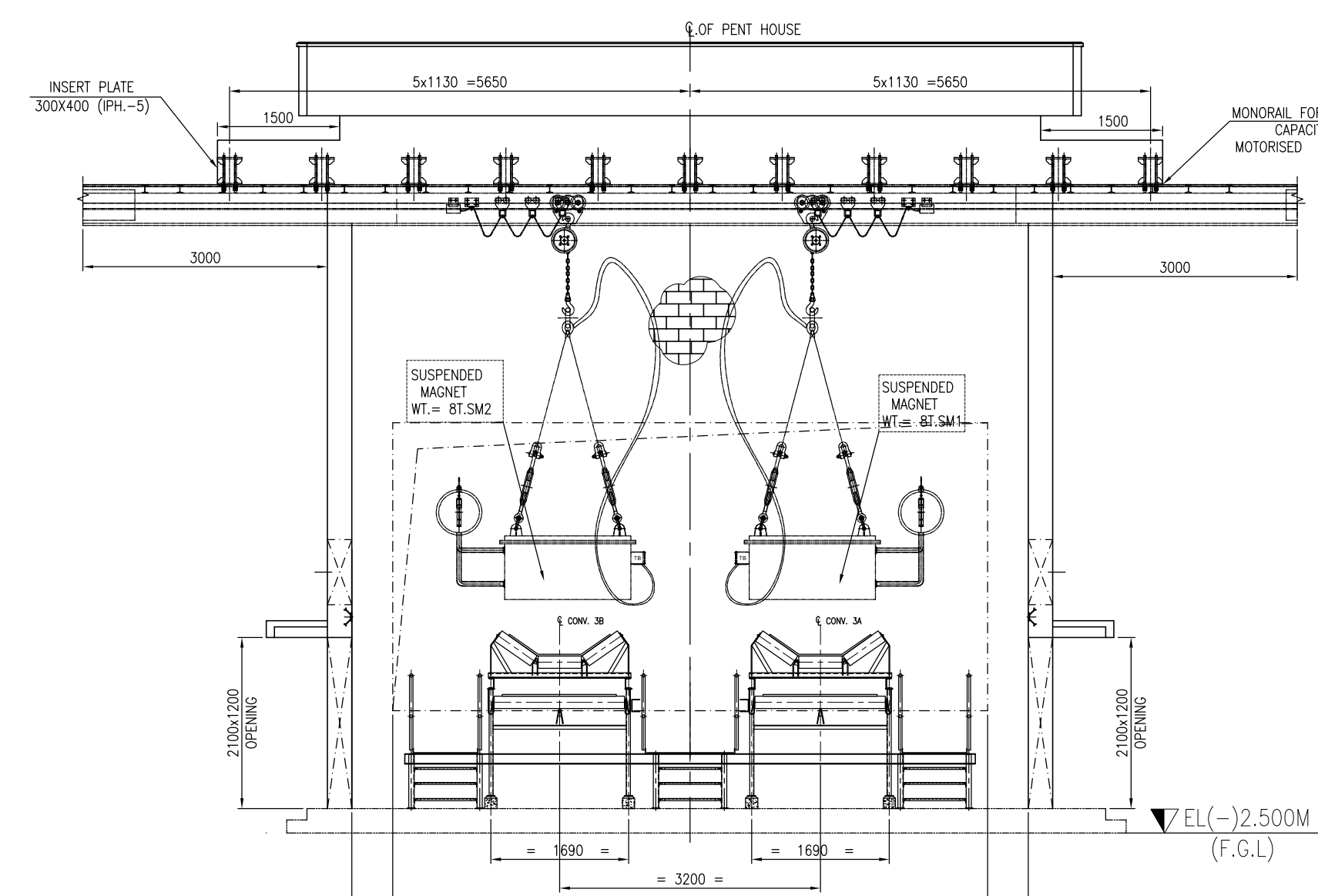
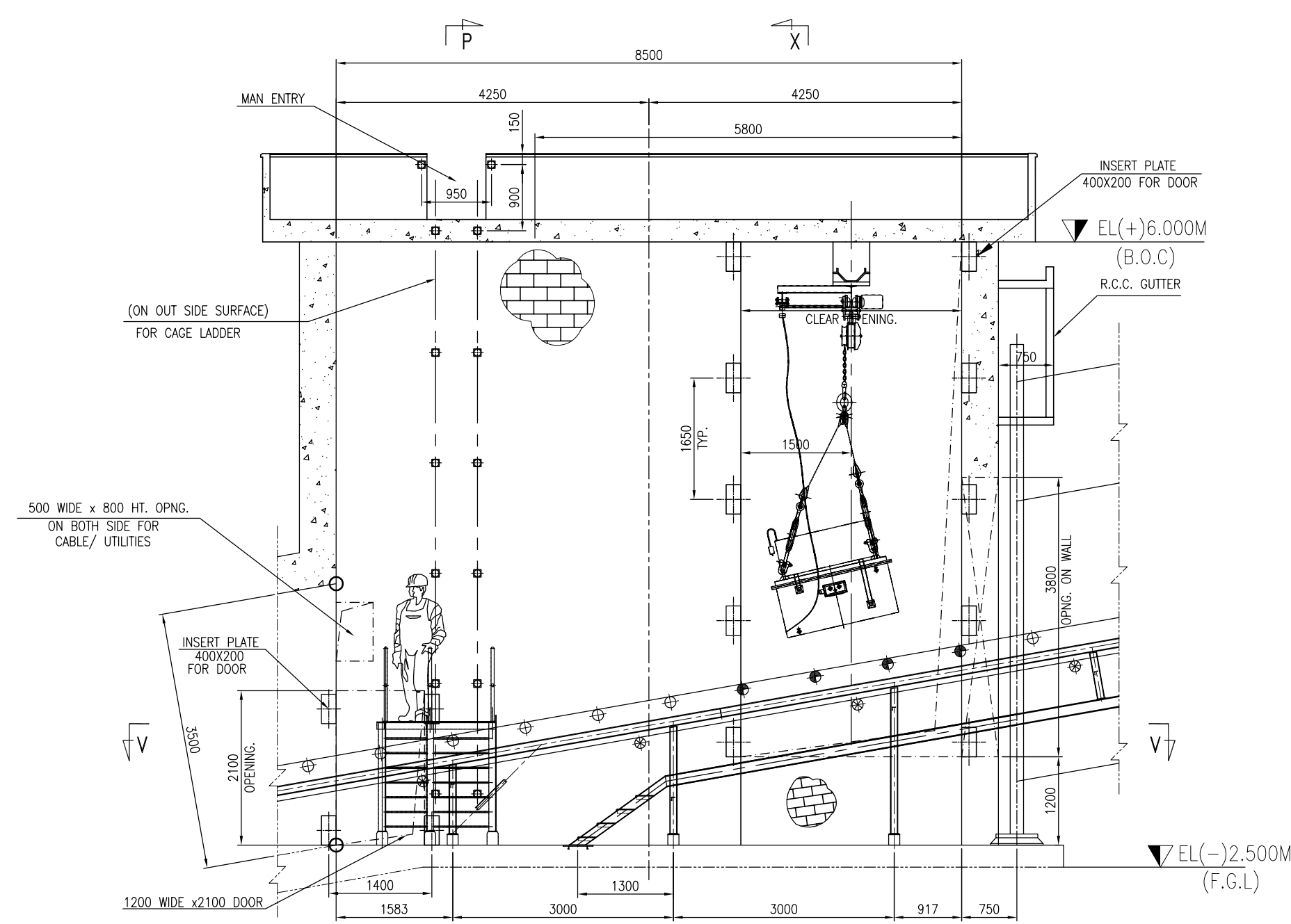
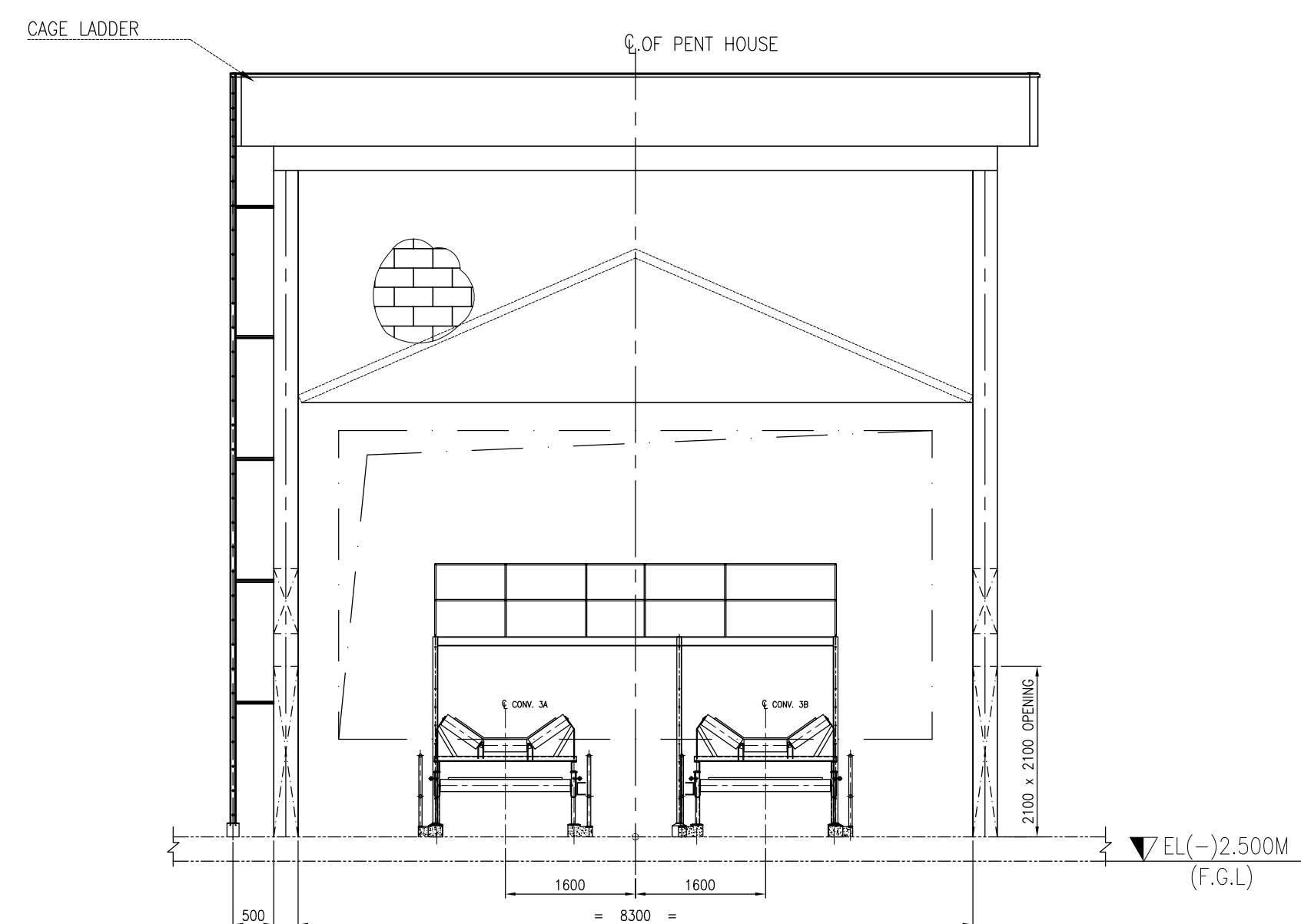
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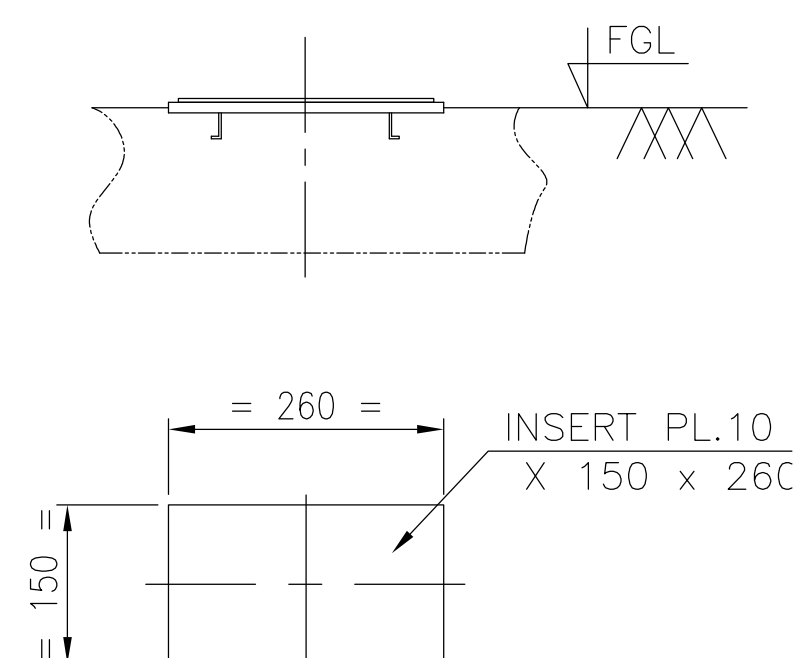
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	DRN.	NAME BMH	SIGN	DATE	NO. OF VARS	
	CHD.	MNK		20.08.15		
	APP.	RSP/VSD		20.08.15		
PD	TITLE : GA AND LOAD DATA OF BCN-3A/B				TOTAL SHEETS SHOOT. NO.	08 07
SCALE	BHEL JOB NO.	IS-1-14-2007	BHEL-ISG DRG.NO.:	IS-1-GA-691-101-M010		REV.

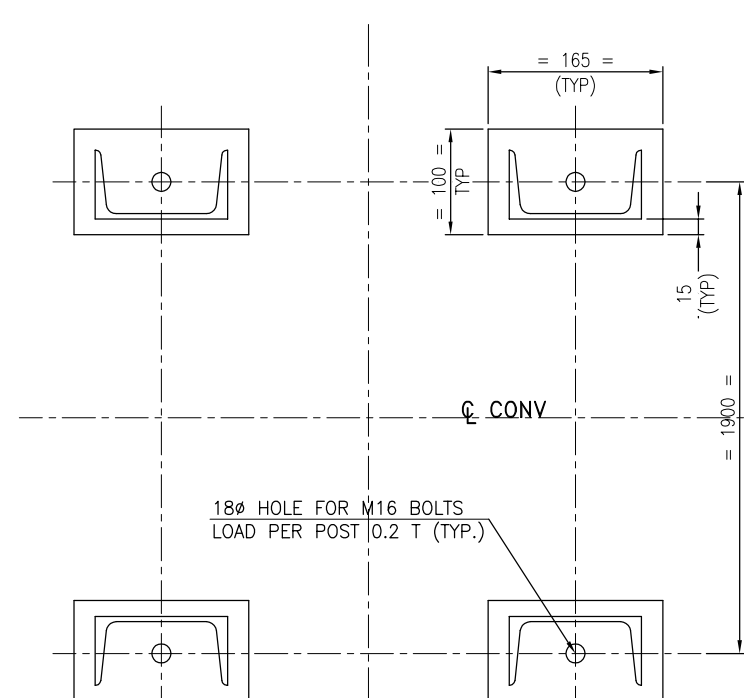
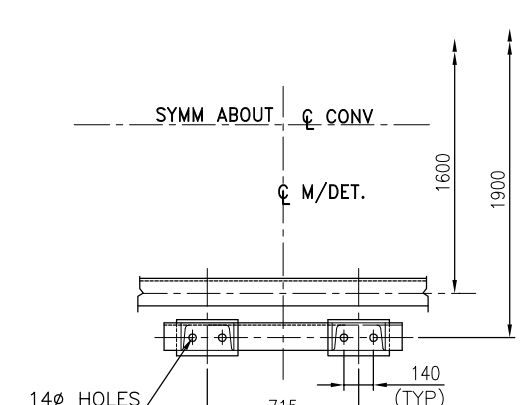
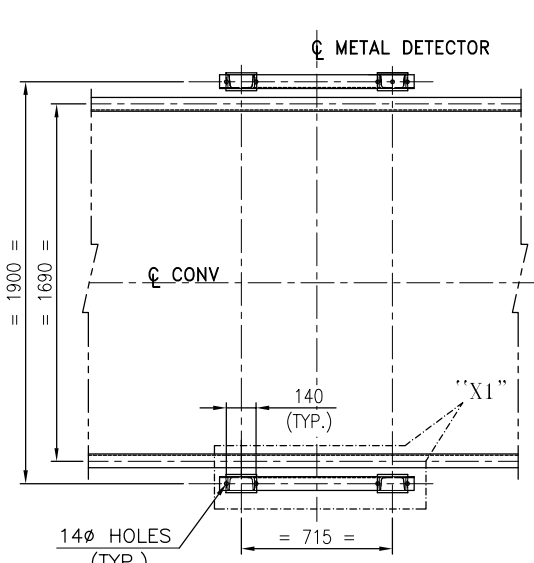
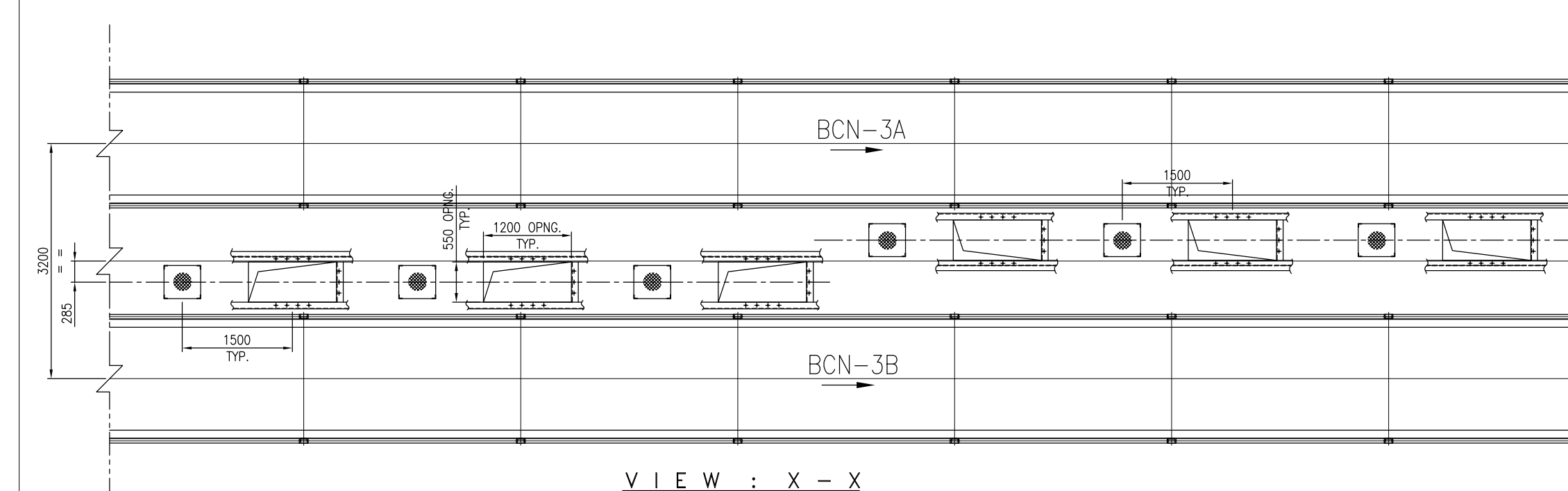
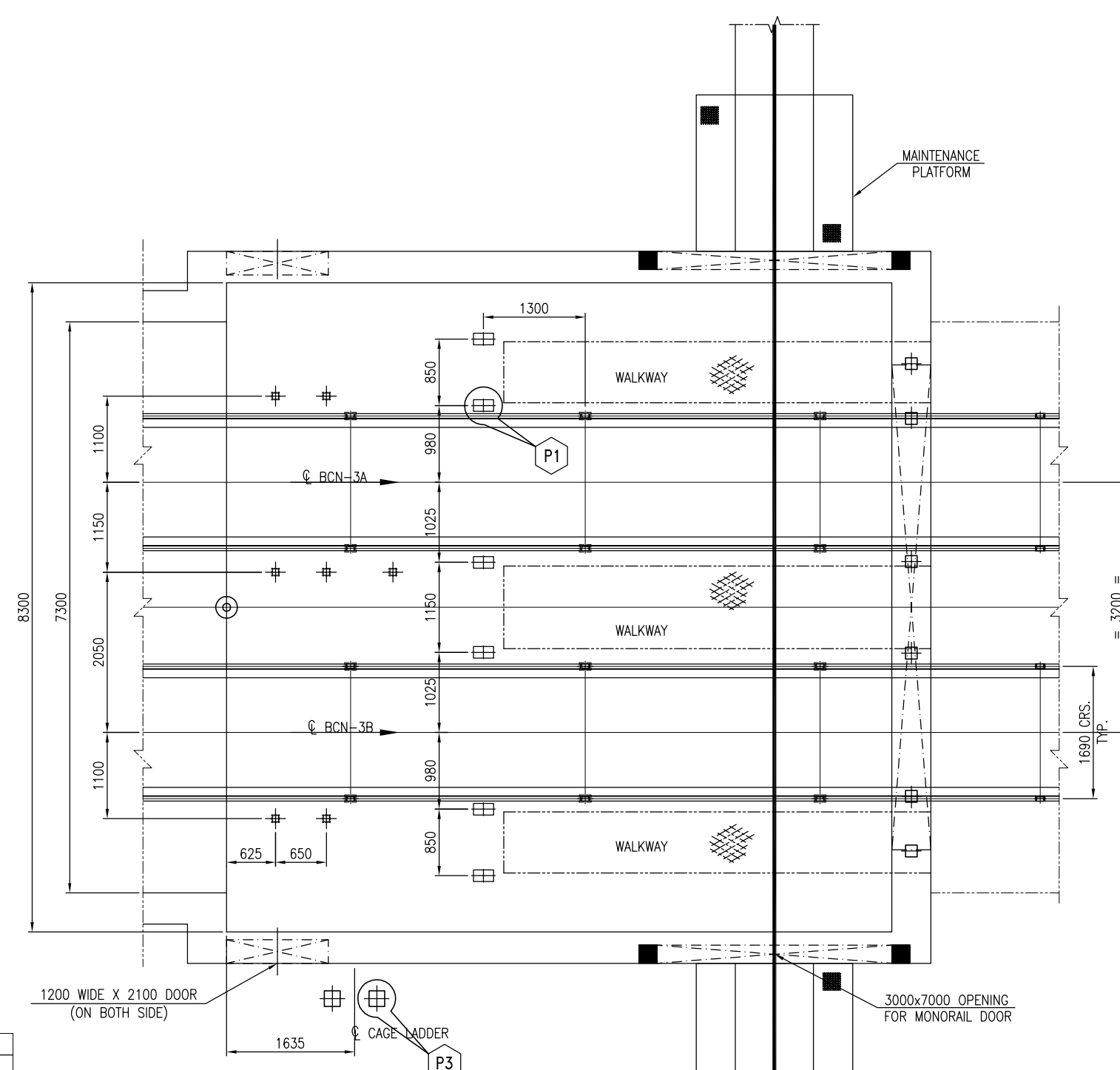
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It must not be used in any way detrimental to the interest of the Company.



FDN. MKD.NO.P-3
FOR LADDER
(ZONE - F , 6)
(SHEET- 8 OF 8)



FDN. MKD.NO.P-1
FOR STAIR CASE
(ZONE - E , 6)
(SHEET- 8 OF 8)



NOTES:-

NOTES:

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

R.No:	DATE	BRIEF RECORD	BY	A
REVISIONS				
q				

OWNER:		TELANGANA STATE POWER GENERATION CORPORATION LTD. HYDERABAD – TELANGANA, INDIA																									
CONSULTANT		DESEIN PRIVATE LIMITED																									
PROJECT :		BHADRADRI THERMAL POWER STATION 4 X 270 MW, UNITS-1 TO 4, MANUGURU, TELANGANA, INDIA																									
EPC CONTRACTOR		BHARAT HEAVY ELECTRICALS LIMITED INDUSTRIAL SYSTEMS GROUP ISG-BANGALORE						<table><tr><td></td><td>NAME</td><td>SIGN</td><td>DATE</td></tr><tr><td>DRN.</td><td>BMH</td><td></td><td>19.08.15</td></tr><tr><td>CHD.</td><td>MNK</td><td></td><td>20.08.15</td></tr><tr><td>APP.</td><td>RSP/VSD</td><td></td><td>20.08.15</td></tr></table>			NAME	SIGN	DATE	DRN.	BMH		19.08.15	CHD.	MNK		20.08.15	APP.	RSP/VSD		20.08.15	REV	
	NAME	SIGN	DATE																								
DRN.	BMH		19.08.15																								
CHD.	MNK		20.08.15																								
APP.	RSP/VSD		20.08.15																								
								NO. OF VARS																			
		TITLE : GA AND LOAD DATA OF BCN-3A/B						TOTAL SHEETS		08																	
PD								SHEET NO.		08																	
SCALE		BHEL JOB NO. IS-1-14-2007				BHEL-ISG DRG.NO. IS-1-GA-691-101-M010				REV	00																