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NOTES:-

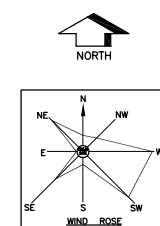
1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
2. THE FINISHED FLOOR LEVEL (FLL) OF POWER HOUSE BUILDING GROUND FLOOR IS 0.00 WHICH CORRESPONDS TO THE FINISHED GRADE ABOVE FLOOR.
3. BOILER AREA FINISHED GRADED LEVEL IS 200MM BELOW 0.00 I.e. RL 69.3M.
4. TRANSFORMER VARD FINISHED GRADED LEVEL IS 100MM BELOW 0.00 I.e. RL 69.4M.
5. STEEPED WALKWAY IF ANY, SHALL BE MORE THAN 10% SLOPE.
6. THE DRIVE DIMENSIONS ARE INDICATIVE ONLY AS MARKED * & SHALL BE FINALIZED AFTER GETTING THE DRIVE COMPONENT DROPS.
7. ALL DIMENSIONS SUPPORTING STRUCTURE SHALL BE AS LISTED LOCATIONS INDICATED IN THIS DRC ARE TENTATIVE AND FINALLY THEY SHALL BE AS PER STRUCTURAL DRS.
8. FOR D/S/D/SB/UY SYSTEM, SEPARATE DETAILED DROPS WILL BE FURNISHED AT LATER STAGE.
9. CIVIL REQUIREMENT INDICATED TENTATIVE.
10. CURB WALL BE PROVIDED AT ALL OPENINGS.
11. INSPECTION DOOR SHALL BE LEAK PROOF.

EQUIPMENT LOAD DATA-BCN-6A&6B (Ton.)

[illegible]

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 ALONG THE CONVEYOR



LEGEND FOR CONVEYOR		
	CARRYING IDLER	C.I
	TRANSITION IDLER	T.I
	RETURN IDLER	R
	IMPACT IDLER	I.I
	SELF ALIGNING CARRYING IDLER	S.A.C.I
	SELF ALIGNING RETURN IDLER	S.A.R.I
	DEFLECTOR ROLLER	D.R
	PULL CHORD SWITCH	PCS
	BELT SWAY SWITCH	BSS
	ZERO SPEED SWITCH	ZSS
	WEIGHING IDLERS SPECIAL MACHINED IDLERS	
	MAGNETIC IDLER	
	WORKING POINT	W.P
	HEAD PULLEY	H.P
	TAIL PULLEY	T.P
	BEND PULLEY	B.P

REFERENCE DRAWINGS/DOCUMENTS	
DRG. NO.	DESCRIPTION
IS-0-PL-691-100-M001	PLAN OF PLAN OF COAL HANDLING PLANT
IS-1-FL-691-100-M002	COAL FLOW DIAGRAM
IS-1-GA-691-100-M003	TYPICAL GALLERY CROSS-SECTIONS OF GALLERIES & TUNNELS
IS-1-GA-691-104-M022	MECHANICAL GA & LOAD DATA OF TP-4
IS-1-GA-691-104-M023	MECHANICAL GA & LOAD DATA OF TP-5

OWNER:	TELANGANA STATE POWER GENERATION CORPORATION LTD HYDERABAD – TELANGANA, INDIA
CONSULTANT	DESEIN PRIVATE LIMITED

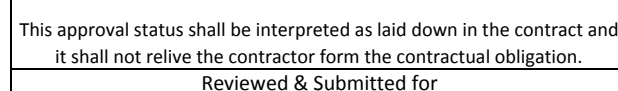
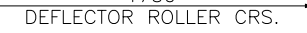
PROJECT :	BHADRADRI THERMAL POWER STATION 4 X 270 MW, UNITS-1 TO 4, MANUGURU, TELANGANA, INDIA			
EPC CONTRACTOR	BHARAT HEAVY ELECTRICALS LIMITED INDUSTRIAL SYSTEMS GROUP ISG-BANGALORE			
		NAME	SIGN	DATE
	DRN.	R.K		10.08.15
	CHD.	MNK		12.08.15
	APP.	RSP /VSD		12.08.15

		TITLE : GA AND LOAD DATA OF BCN-6A/B		TOTAL SHEETS SHEET. NO.
SCALE	BH&L JOB NO. IS-1-14-2007	BH&L-ISO DRG.NO.:	IS-1-GA-691-101-M013	

01	21.10.15	Revised as per TSGENCO/DESEIN comments	R.K	
R.No:	DATE	BRIEF RECORD	BY	APP
REVISIONS				

SCALE	BHEL JOB NO. IS-1-14-2007	BHEL-ISG DRG.NO.:	IS-1-GA-691-101-M013
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DO NOT SCALE. IF IN DOUBT, ASK.



MSV

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

OWNER: 	TELANGANA STATE POWER GENERATION CORPORATION LTD. HYDERABAD – TELANGANA, INDIA							
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				R_K			10.08.15	A
				CHD.	MNK		12.08.15	NO.
				APP.	RSP/VSD		12.08.15	OF
	TITLE : GA AND LOAD DATA OF BCN-6A/B						TOTAL SHEETS	05
							SHEET. NO.	02
SCALE	BHEL JOB NO. IS-1-14-2007	BHEL-ISG DRG.NO.:	IS-1-GA-691-101-M013				REV	01

SIZE-A

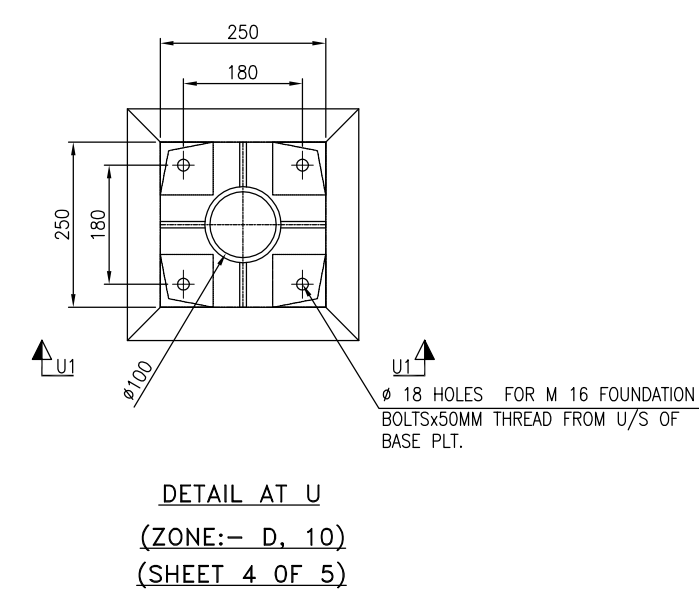
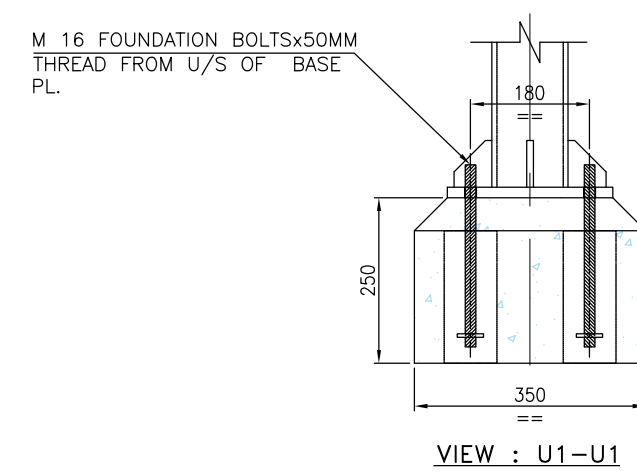
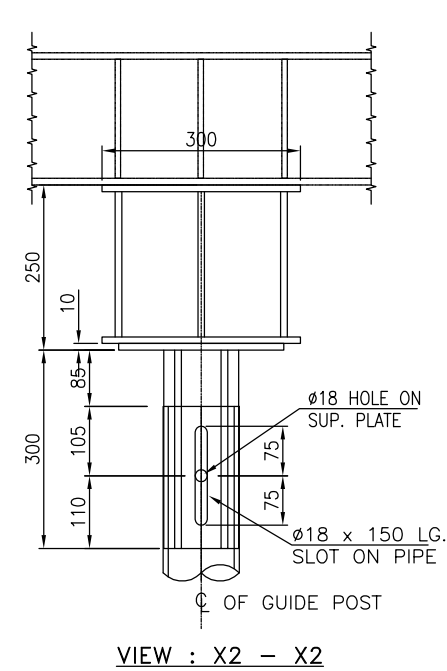
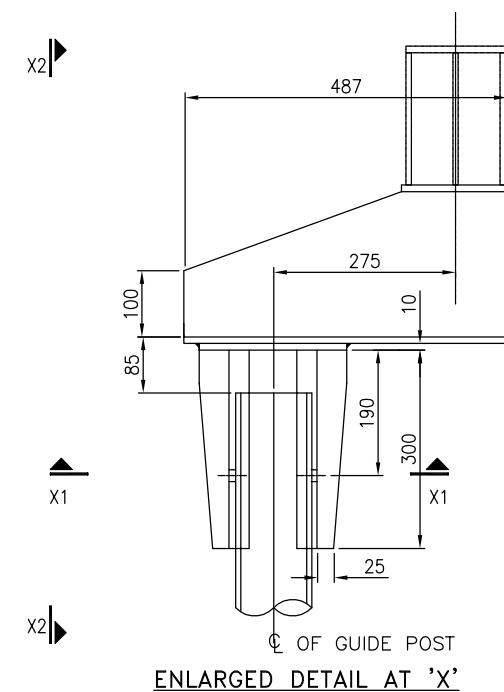
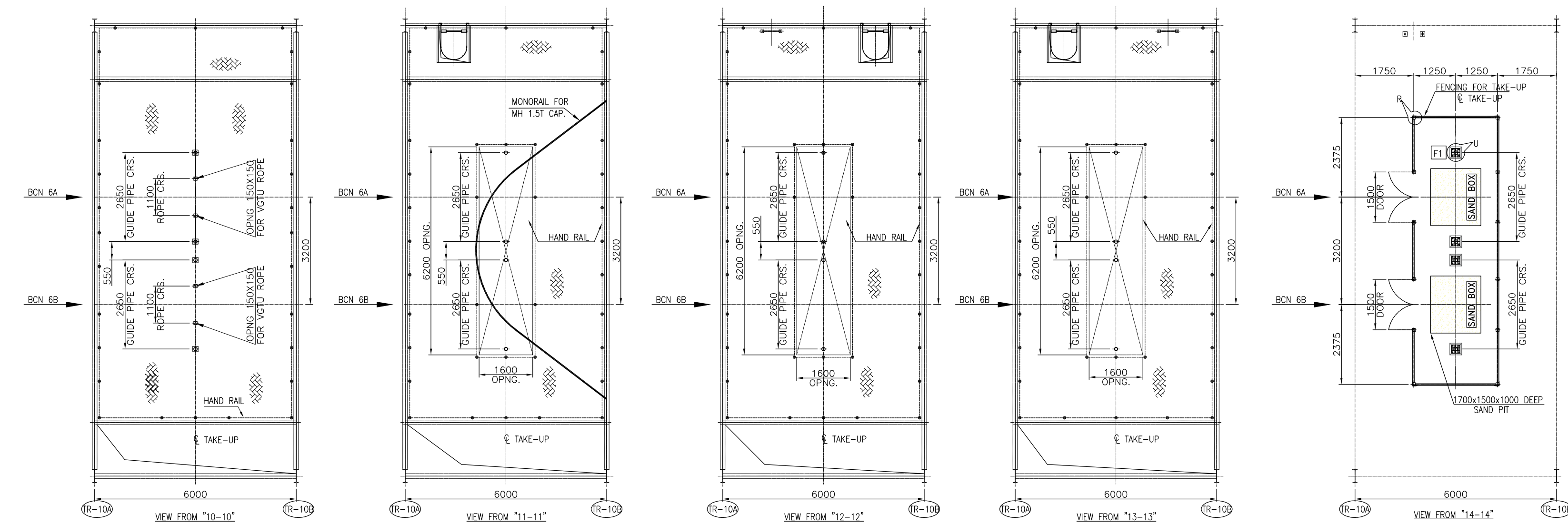
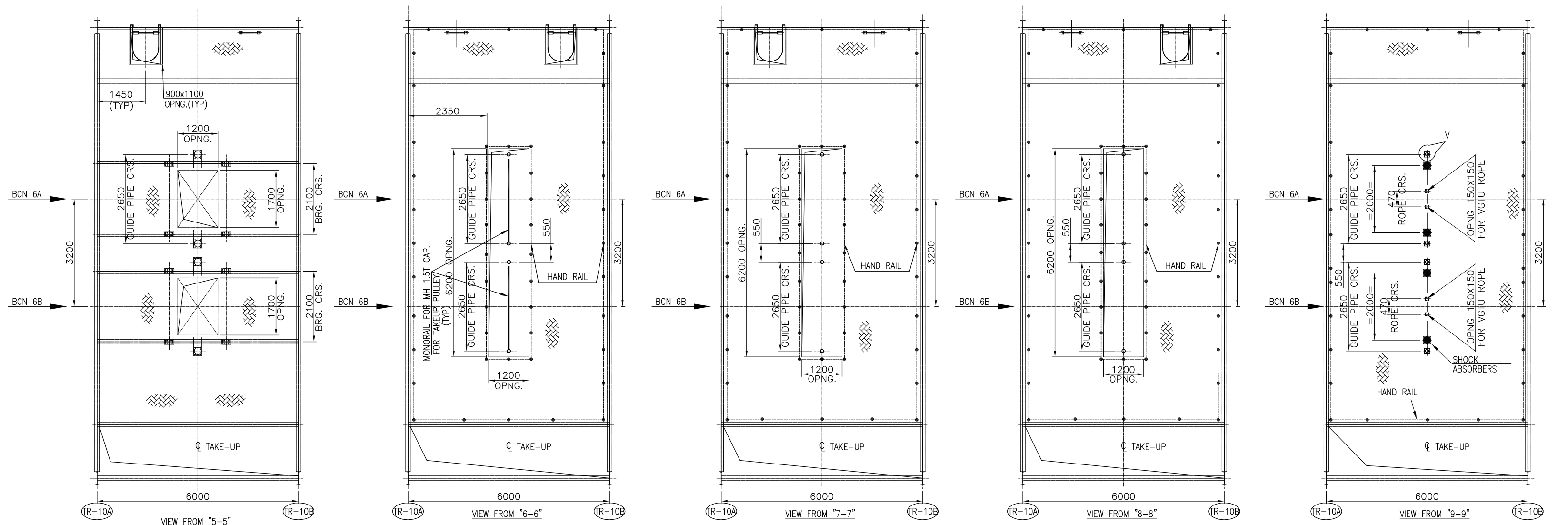
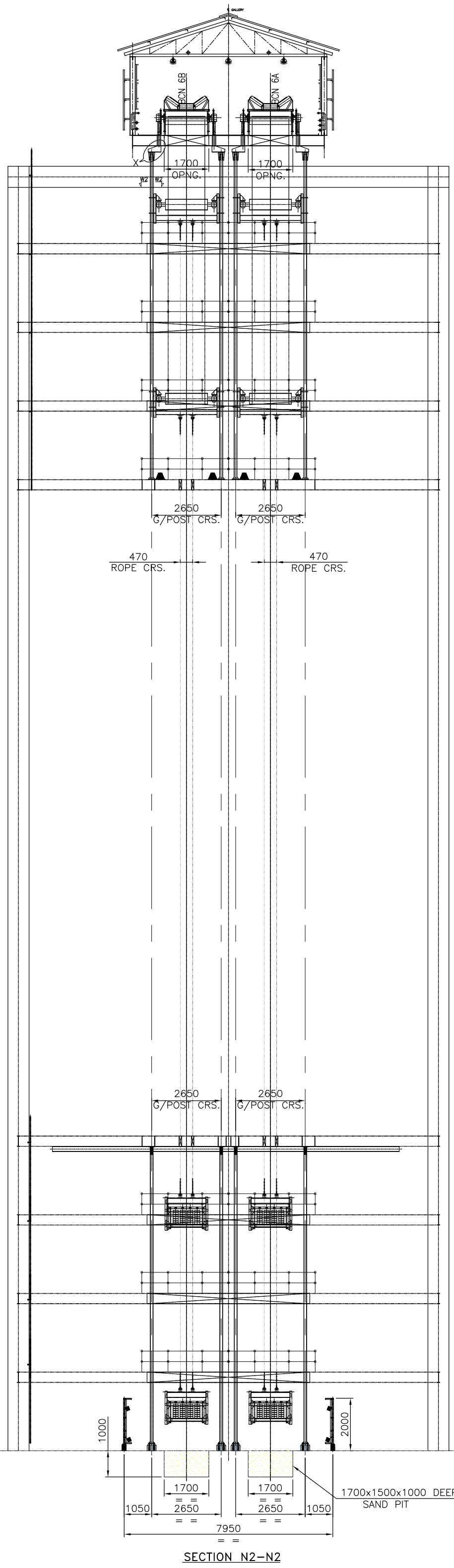
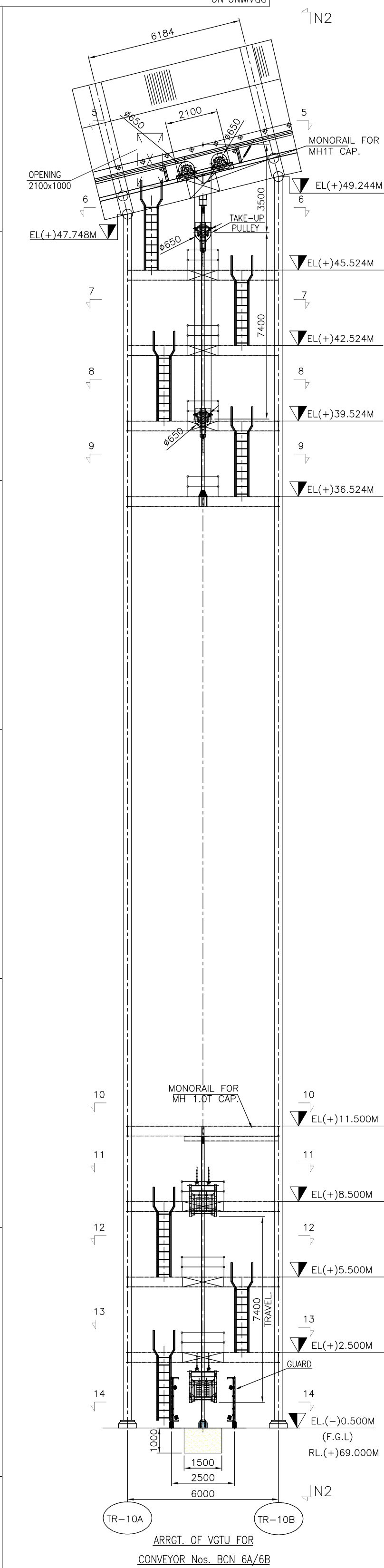


1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
2. FOR LOAD DATA AND OTHER NOTES REFER SHEET 1 OF 5

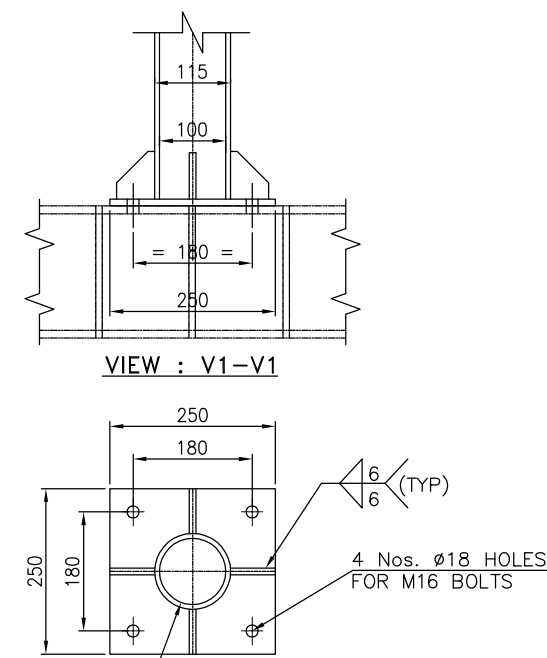
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EPC CONTRACTOR 		BHARAT HEAVY ELECTRICALS LIMITED INDUSTRIAL SYSTEMS GROUP ISG-BANGALORE			<table><tr><td>NAME</td><td>SIGN</td><td>DATE</td></tr><tr><td>DRN. R.K</td><td></td><td>10.08.15</td></tr><tr><td>CHD. MNK</td><td></td><td>12.08.15</td></tr><tr><td>APP./RSP/VSD</td><td></td><td>12.08.15</td></tr></table>	NAME	SIGN	DATE	DRN. R.K		10.08.15	CHD. MNK		12.08.15	APP./RSP/VSD		12.08.15	REV. A NO. OF OF VAR
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SCALE	BHEL JOB NO. IS-1-14-2007	BHEL-ISG DRG.NO.:	IS-1-GA-691-101-M013		REV. 01													

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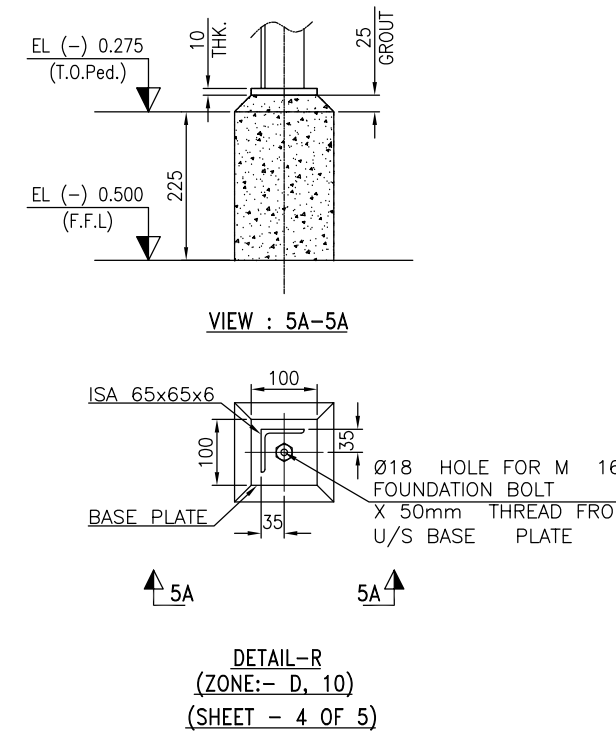
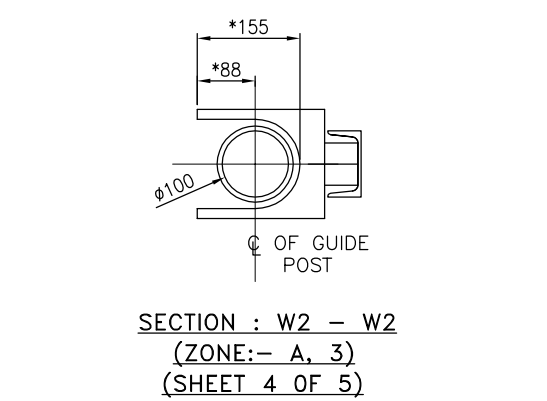
IS-1-GA-691-101-M013



NOTES:-
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DETAIL AT V
GUIDE BASE AT STEEL FLOOR
(ZONE:- A, 10)
(SHEET 4 OF 5)



DETAIL-R
(ZONE:- D, 10)
(SHEET - 4 OF 5)

REF.DRG.NO.

SIGN & DATE

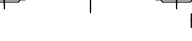
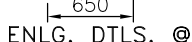
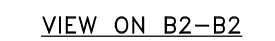
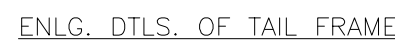
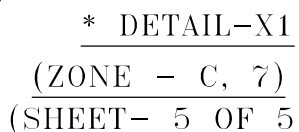
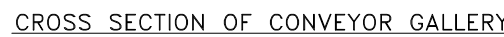
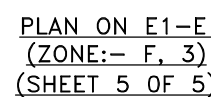
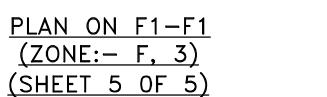
INVENTORY NO.

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			
TITLE :	GA AND LOAD DATA OF BCN-6A/B			
SCALE:	BHEL JOB NO. IS-1-14-2007	BHEL-ISG DRG.NO.:	IS-1-GA-691-101-M013	REV. 01

01	21.10.15	Revised as per TSGENCO/DESEIN comments	R.K	
R.No:	DATE	BRIEF RECORD	BY	APPD
REVISIONS				

SIZE-A1

INVENTORY NO.	SIGN & DATE	REF.DRG.NO.
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(ZONE - B, 2)
(SHEET- 1 OF 5)

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OWNER:	
CONSULTANT:	
PROJECT:	
EPC CONTRACTOR:	
	

TELANGANA STATE POWER GENERATION CORPORATION LTD.
HYDERABAD – TELANGANA, INDIA

DESEIN PRIVATE LIMITED

DESEIN PRIVATE LIMITED

BHADRADRI THERMAL POWER STATION
4 X 270 MW, UNITS-1 TO 4, MANUGURU, TELANGANA, INDIA

BHARAT HEAVY ELECTRICALS LIMITED
INDUSTRIAL SYSTEMS GROUP
ISG-BANGALORE

GA AND LOAD DATA OF BCN-6A/B

BHEL JOB NO.	IS-1-14-2007	BHEL-ISG DRG NO. :	IS-1-GA-691-101-M013
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	NAME	SIGN	DATE	RE A
DRN.	R.K		10.08.15	NO
CHD.	MNK		12.08.15	OF
APP	RSP /VSD		12.08.15	VA

SHEETS	0.
SHEET.	0.

1-GA-691-101-M013

SIZE-A

Project : BHADRADRI POWER 4x270MW TELANGANA
Client : TELANGANA STATE POWER GENERATION CORPORATION LTD.
Consultant : DESEIN PRIVATE LTD.
Contractor : BHARAT HEAVY ELECTRICALS LTD.

COMPLIANCE TO COMMENTS OF DESEIN			
ON GA DRAWINGS OF BCN6AB, R0 SUBMITTED BY BHEL FOR APPROVAL			
Ref:	Comments made on GA Drawing prints of BCN-6AB, R0 by DESEIN		
SL NO	DESEIN COMMENTS.	COMPLIANCE / CLARIFICATIONS BY BHEL	REMARKS
1	Drawing fonts shall be increased.....	Noted & revised.	
2	Coordinates shall be marked in the drawing	Noted & revised.	
3	Finished ground level (FGL) of coal handling area shall be indicated in the notes.	Noted & revised.	
4	All * marked data shall be confirmed and notes may be corrected accordingly.	Wherever possible revised at this stage. However, it shall be taken care before release of drgs to site for civil work	
5	All details in technical specification shall be included.	Indicated other than makes of bought out items. We are awaiting approval of sub-vendor list still. However, we ensure that it shall be taken care before release of drgs to site for civil / structural work.	
6	Refer Legend: All symbols shall be indicated	Noted & revised.	
7	Spacing of Self aligning carrying idlers shall be 5 m from either ends and 10 m throughout conveyor	Maintaining Self aligning carrying idlers at 5 m from either ends is not possible here, because it is coming in impact area at head end & in Transition idler area in tail end.	
8	Spacing of Self aligning return idlers shall be 10 m from either ends and 20 m throughout conveyors.	As per NIT, Self Aligning return idler will not be required for conveyors more than 400 m long where two roll return idlers are provided.	
9	Idlers below magnetic separators & metal detectors shall be of non-magnetic type.	Noted & revised.	
10	Maximum gap of transition idlers shall be 700mm	Noted & revised.	
11	Deflector roller, drive pulley & snub pulley shall be indicated in the drawing.	Noted & revised.	
12	Indicate brake details and provide coasting time calculations for the same.	Noted & revised. Coasting time calculations submitted already.	
13	Pull cord switch shall be provided on both sides of conveyor.	Noted & revised.	
14	Belt sway switch shall be provided in pairs.	Noted & revised.	
15	Sand pit dimensions in plan and section are not matching.	Noted & revised.	
16	Zone location for various details shown shall be marked	Noted & revised.	
17	Take up pulleys, mesh guard, fall arrestor etc shall be indicated in Take up arrangement	Noted & revised.	
18	Each take up shall be provided with a marked cable by side of structure frame to monitor belt stretch	Marking shall be done on take-up structure frame.	
19	Skirt board and seal plate details shall be indicated in the drawing.	Noted & revised.	
20	External scrapper shall be multi blade sprung type	Noted & revised.	
21	Show horizontal and inclined distances between W.P, T .P & I.P	Noted & revised.	
22	Finished floor level (FFL) of mill area is 0 M instead of (-) 0.2M as per 0-00-620-87042 rev 2 (GA of Bowl mill). Please correct BCN 7 accordingly.	Noted & revised.	
23	FGL & FFL of TP-5, BCN-6A/B shall be corrected as per plot plan.	Noted & revised.	
24	Submit General arrangement drawings of track hopper and stacker cum reclaimers for finalization of BCN-1A/B, 8 & 9.	GA of S/R & Track hopper submitted to TSGENCO / DESEIN already.	
25	TSGENCO requested & insisted to BHEL ISG, to consider Addressable type Belt sway and Pull cord switches only. BHEL will revert.	The Pull Cord & Belt Sway Switches of all the conveyors except Belt Feeder shall be addressable type	