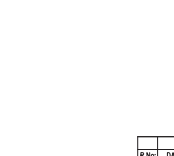


DO NOT SCALE. IF IN DOUBT, ASK.



OWNER:		TELANGANA STATE POWER GENERATION CORPORATION LTD.									
		HYDERABAD – TELANGANA, INDIA									
CONSULTANT:		DESEIN PRIVATE LIMITED									
PROJECT :		BHADRADI THERMAL POWER STATION 4 X 270 MW, UNITS-1 TO 4, MANKURUBA, TELANGANA, INDIA									
EPC CONTRACTOR:		BHARAT HEAVY ELECTRICALS LIMITED INDUSTRIAL SYSTEMS GROUP ISG-BANGALORE									
		DRN		NAME		SIN		DATE		REV.	
		CHD		SST				01.06.15		A	
		APP		RSP/Y/SI				01.06.15		NP	
								01.06.15		VAR	
								TOTAL		06	
								SHEETS		01	
								TOTAL		06	
TITLE :		GA AND LOAD DATA OF BCN-5A/B									
APPRO											
SCALE		BHEL JOB NO. IS-14-2007				BHEL-ISO		IS-1-GA-691-101-1M12			
						DRG-NO		SIZE-A4			

DRAINING NO. 1

DO NOT SCALE. IF IN DOUBT, ASK.



1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
2. THE FINISHED FLOOR LEVEL (FFL) OF POWER HOUSE BUILDING GROUND FLOOR IS 6.00 METER WHILE CHIMNEY TOP IS 69.5M I.E. 0.5M ABOVE FFL.
3. BOILER AREA FINISHED GRADED LEVEL IS 200MM BELOW 0.0M I.E. RS. 69.3M.
4. TRANSFORMER YARD FINISHED GRADED LEVEL IS 100MM BELOW 0.0M I.E. 69.4M.
5. STEPPED WALKWAY , IF CONVEYOR INCLINATION IS MORE THAN 8°.
6. THE DRIVE DIMENSIONS ARE INDICATIVE ONLY AS MARKED * & SHALL BE FINALIZED AFTER GETTING THE DRIVE COMPONENT DYES.
7. GALLERY SUPPORTING TRESTLE TYPES AND TRESTLE LOCATIONS INDICATED IN THIS DR ARE TENTATIVE AND FINALLY THEY SHALL BE AS PER STRUCTURAL DRS.
8. CIVIL REQUIREMENT INDICATED TENTATIVE.

H.P. = HEAD PULLEY	S.A.C.I. = SELF ALIGNING CARRYING IDLER
T.P. = TAIL PULLEY	S.A.R.I. = SELF ALIGNING RETURN IDLER
S.P. = SNUB PULLEY	PCS = PULL CHORD SWITCH
C.I. = CARRYING IDLER	BSS = BELT SWAY SWITCH
T.I. = TRANSITION IDLER	ZSS = ZERO SPEED SWITCH
R.I. = RETURN IDLER	
I.I. = IMPACT IDLER	
W.P. = WORKING POINT	

DRG. NO.	DESCRIPTION
IS-0-FL-891-100-M001	PLOT PLAN OF COAL HANDLING PLANT
IS-1-FL-891-100-M002	COAL FLOW DIAGRAM
IS-1-CA-891-100-M003	TYPICAL GALLERY CROSS-SECTIONS OF GALLERIE & TUNNELS
IS-1-CA-891-104-M022	MECHANICAL GA & LOAD DATA OF TP-4
IS-1-CA-891-104-M023	MECHANICAL CA & LOAD DATA OF TP-5

R.No:	DATE	BRIEF RECORD	BY	APPRO
REVISIONS				

EQUIPMENT LOAD DATA-BCN-SAA5S (Ton.)									
	HEAD END FOUNDATION		CHUTE BRACKET		BEND PILEY FOUNDATION		TAIL FOUNDATION		SHORT SUPPORT
	H#1	H#2	I3	B#1	B#2	T#1	T#2	T#3 TO T#5&6	
FOOTING BURNING :									
NO OF FOOTING :	4	4	4	4	4	4	4	4	216
LOAD FROM I/C :	1.9	0.9	4.0	1.4	4.4	2.4	2.58	-	-
LINE LOAD :	0.0	0.15	1.0	0.1	0.1	0.01	0.11	-	-
+VE (DOWNING) :	5.6	6.2	-	0.015	0.015	-	-	-	-
-VE (UPWARD) :	3.46	2.91	-	0.01	0.01	-1.29	-1.66	0.3	-
NET (DOWNING) :	6.6	7.17	-	1.44	1.62	-	-	-	-
NET (UPWARD) :	-5.5	-5.8	-	1.2	1.6	-2.96	-2.96	1.3	-

NOTES:- LOAD ON CHUTE BRACKET

1. DOWNING :- IMPLIES VERTICAL UPWARD FORCE AND +VE IMPLIES VERTICAL DOWNWARD FORCE
2. LINE LOAD :- IMPLIES VERTICAL UPWARD FORCE AND -VE IMPLIES VERTICAL DOWNWARD FORCE
3. SHORT SUPPORT :- IMPLIES VERTICAL UPWARD FORCE AND -VE IMPLIES VERTICAL DOWNWARD FORCE

THE RESPECTIVE PLAIN SPACING FOR THE RESPECTIVE PLAIN SHALL BE READ IN CONNECTION WITH THE RESPECTIVE PLAIN USING THE CONVEXOR.

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

PROJECT :	BHADRADRI THERMAL POWER STATION 4 X 270 MW, UNITS-1 TO 4, MANUGURU, TELANGANA, INDIA
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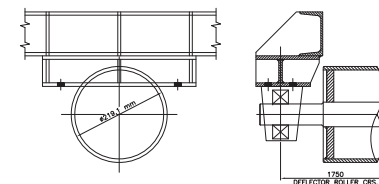
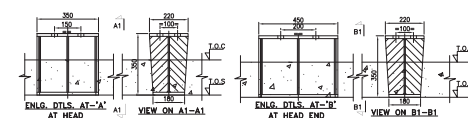
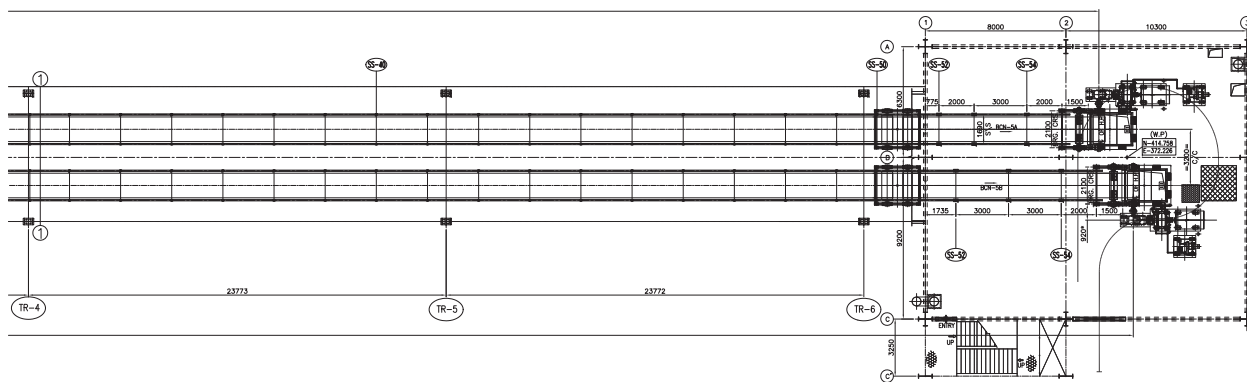
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	TITLE :		TOTAL SHEETS	06

PPD	GA AND LOAD DATA OF BCN-5A/B		SHEETS	02
			SHEET. NO.	
SCALE	BHEL JOB NO. IS-1-14-2007	BHEL-ISO DRG.NO.:	IS-1-GA-691-101-M12	REV. 00
				SIZ-A

SIZE-A

DRAWING NO. 1

DO NOT SCALE. IF IN DOUBT, ASK.



DETAIL OF DEFLECTOR ROLLER

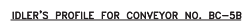
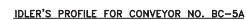
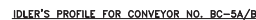
OWNER:		TELANGANA STATE POWER GENERATION CORPORATION LTD.						
CONSULTANT:		HYDERABAD – TELANGANA, INDIA						
PROJECT:		DESEIN PRIVATE LIMITED						
BEC CONTRACTOR:		BHADRADI THERMAL POWER STATION 4 x 270 MW UNITS – TO 4, MANGUNGA, TELANGANA, INDIA						
TITLE:		BHARAT HEAVY ELECTRICALS LIMITED INDUSTRIAL SYSTEMS GROUP ISG-BANGALORE		NAME SIGN DATE		REV A		
		DRN. R.K.		11.08.15		01		
		CHD. SST		12.08.15		02		
		APP. RSP/VSD		12.08.15		03		
		TOTAL SHEETS		06				
APPRO		GA AND LOAD DATA OF BCN-5A/B		SHEET NO.		03		
SCALE		BHEL JOB NO. IS-1-14-2007		BHEL-ISO DRS:NO.		IS-1-GA-691-101-M12		
						REV 00		

R.No:	DATE	BRIEF RECORD	BY
REVISIONS			

WFO	
	SCALE

DRAWING NO. 1

DO NOT SCALE. IF IN DOUBT, ASK.



OWNER:		TELANGANA STATE POWER GENERATION CORPORATION LTD.				
CONSULTANT:		HYDERABAD – TELANGANA, INDIA				
PROJECT :		DESEIN PRIVATE LIMITED				
EPC CONTRACTOR:		BHADRADI THERMAL POWER STATION 4 X 270 MW, UNITS-1 TO 4, MANUGURU, TELANGANA, INDIA				
		Bharat Heavy Electricals Limited		NAME		DATE
		INDUSTRIAL SYSTEMS GROUP		DRN		11.06.15
		ISG-BANGALORE		CHKD		12.08.15
				APP		12.08.15
TITLE :		GA AND LOAD DATA OF BCN-5A/B		TOTAL SHEETS		06
SCALE		BHEL JOB NO. IS-114-2007		BHEL/ISG NO. IS-1-GA-691-101-1M12		97

R.No:	DATE	BRIEF RECORD	BY	APPROVED
REVISIONS				

SCALE

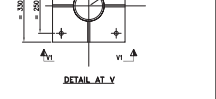
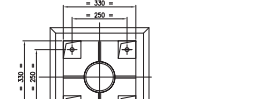
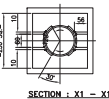
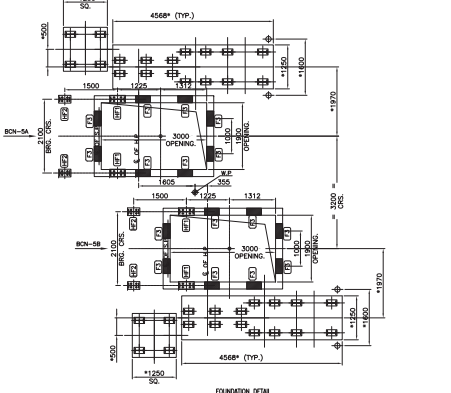
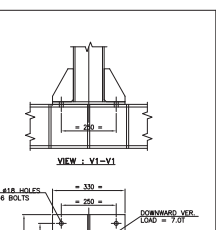
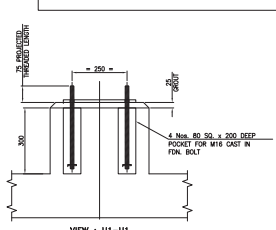
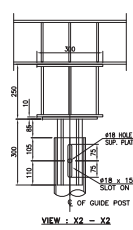
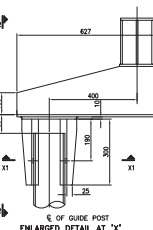
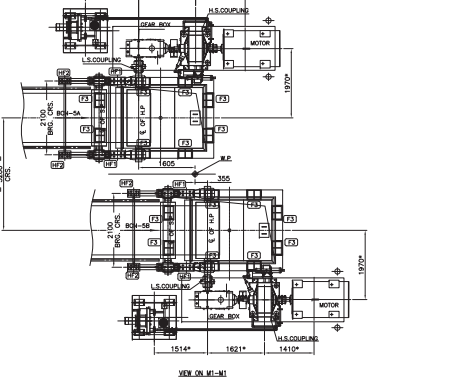
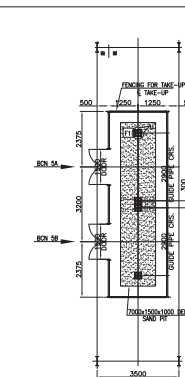
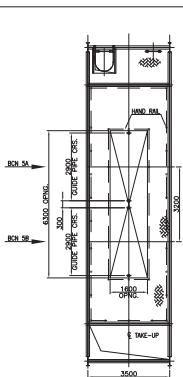
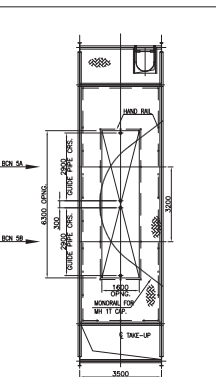
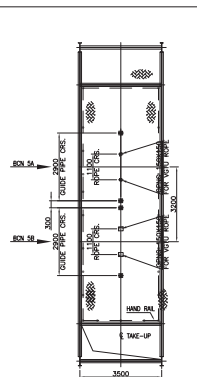
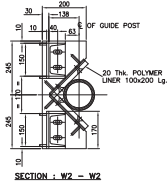
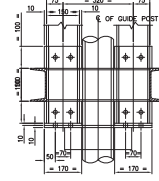
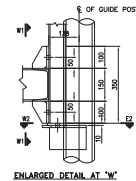
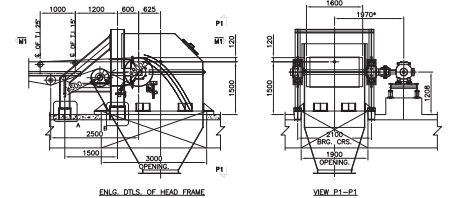
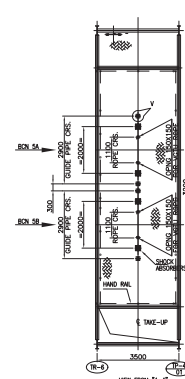
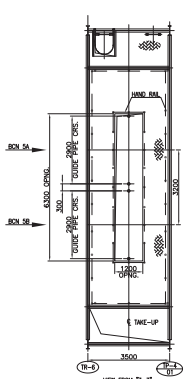
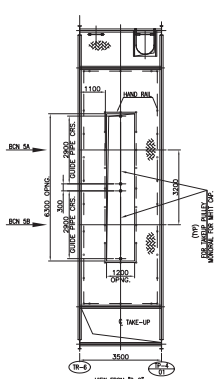
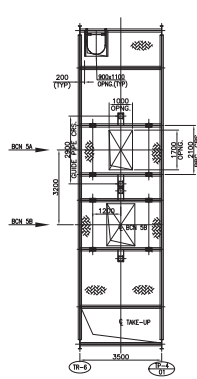
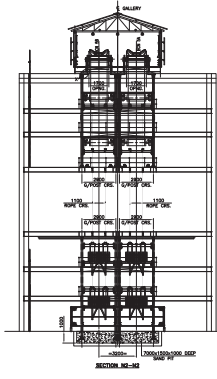
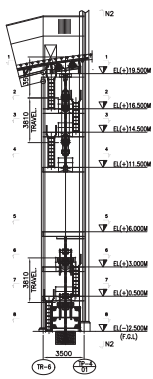
Z1W-101-169-V9-I-SI

ON DRAWING

FIRST ANGLE PROJECTION

ALL DIMENSIONS ARE IN MM

DO NOT SCALE IF IN DOUBT, ASK



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									
CONTRACTOR :	BHARAT HEAVY ELECTRICALS LIMITED INDUSTRIAL SYSTEMS GROUP ISG-BANGALORE									
TITLE :	GA AND LOAD DATA OF BCN-5A/B									
SCALE :	BHEL JOB NO. IS-1-14-2007		BHEL-ISG DRG/NO.1		IS-1-GA-691-101-M12		REV. 00		SIZE-A1	