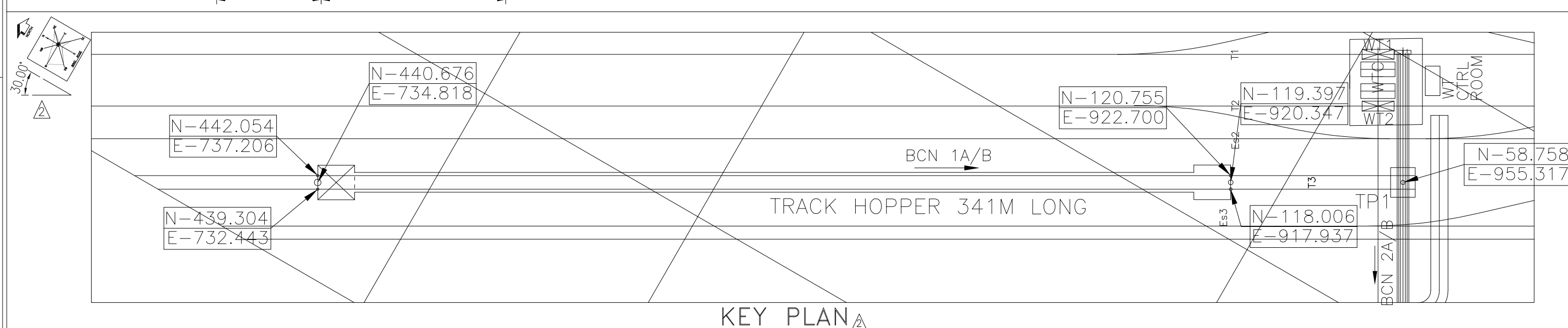
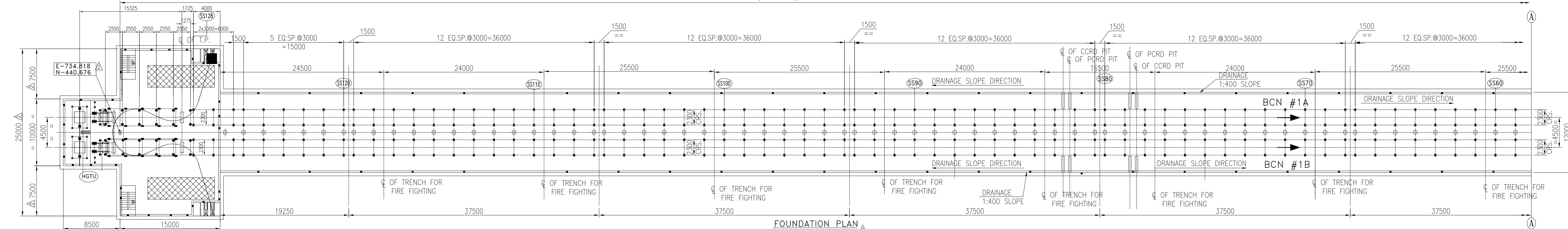
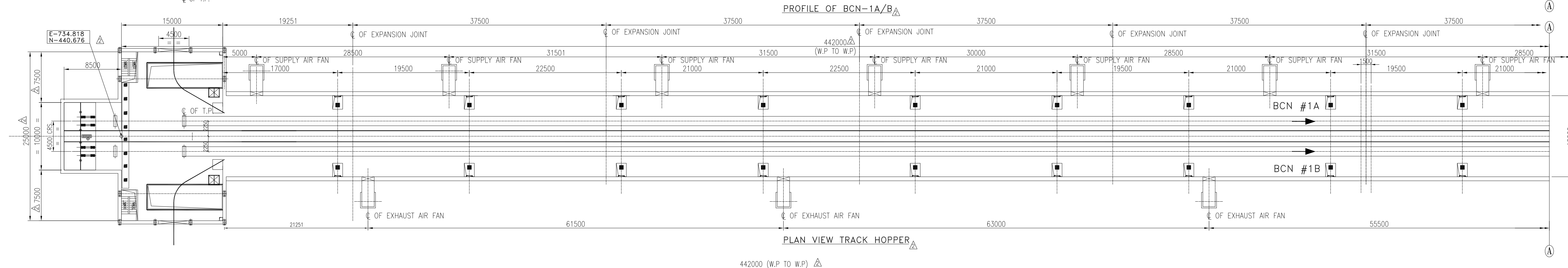
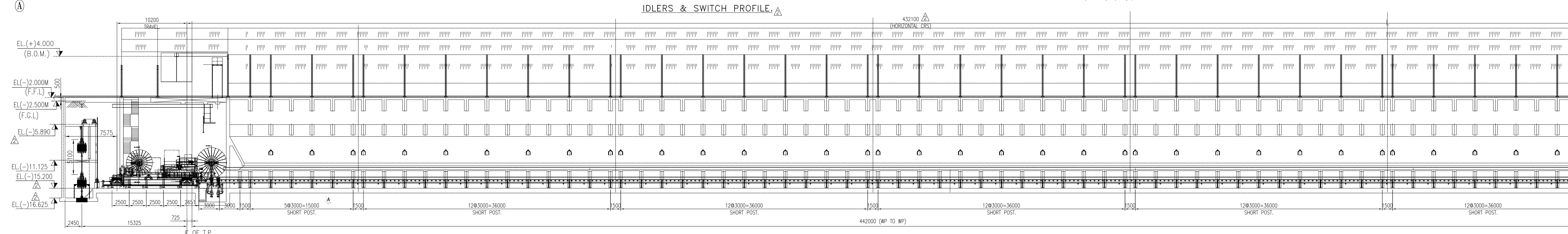
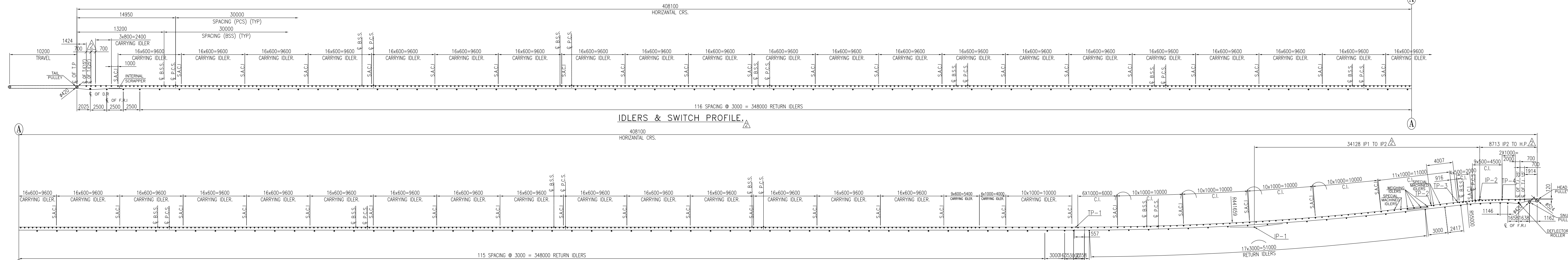




NOTES:-

1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
2. THE FINISHED FLOOR LEVEL (FFL) OF POWER HOUSE BUILDING GROUND FLOOR IS 0.00 WHICH CORRESPONDS TO RL 69.5M. I.E. 0.5M ABOVE FGL.
3. SOLID AREA FINISHED GRADE IS 200MM BELOW 0.0M I.E. RL 69.3M.
4. TRANSFORMER YARD FINISHED GRADED LEVEL IS 100MM BELOW 0.0M I.E. RL 69.4M.
5. STEPPED WALKWAY , IF CONVEYOR INCLINATION IS MORE THAN 8°.
6. DELETED.
7. GALLERY SUPPORTING TRESTLE TYPES AND TRESTLE LOCATIONS INDICATED IN THIS DRAWING ARE TENTATIVE AND FINALLY THEY SHALL BE AS PER STRUCTURAL DRGS.
8. CIVIL REQUIREMENT INDICATED TENTATIVE.

02	26.01.16	Revised as per design comments in letter 642 dated 6-11-15 & new layout with double track		
01	26.10.15	Revised as per TSGENCO/DESEIN comments		
R.No:	DATE	BRIEF RECORD	BY	APP
REVISIONS				

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
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EPC CONTRACTOR 	BHARAT HEAVY ELECTRICALS LIMITED INDUSTRIAL SYSTEMS GROUP ISG-BANGALORE		NAME	SIGN	DATE	RE A
		DRN.	S.R		29.07.15	
		CHD.	MNK		30.07.15	NO

	TITLE :	TOTAL SHEETS	0
	GA AND LOAD DATA OF BCN-1A/B	SHEET	

SCALE	BHEL JOB NO. IS-1-14-2007	BHEL-ISG DRG NO.: IS-1-GA-691-101-M008	RE 02
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SIZE-A4

SIZE-A4

PROFILE OF BCN-1A/B

PLAN VIEW TRACK HOPPER_A

FOUNDATION PLAN

NOTES:-

1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
2. FOR LOAD DATA AND OTHER NOTES REFER SHEET 1 OF 3

EQUIPMENT LOAD DATA—B-CN-1A&1B (Ton)						
	HEAD END FOUNDATION	H1	H2	CHUTE BRIDGE	SHORT SUPPORT TYPE-2	SHORT SUPPORT TYPE-2
					SS129 TO SS128	SS129 TO SS130
FOOTING MARKING	H1	H2	13			
NO OF FOOTING	4	4	36	16	512	88
DEAD LOAD DL	1.9	0.9	0.0	0.0	1.5	1.5
LIVE LOAD LL	0.0	0.0	1.24	1.0	0.5	0.5
ALONG THE TABLE	—	—	—	1.0	—	—
LOAD DUE TO BELT PULLEY	MY (STARTING)	4.35	3.21	—	—	—
	MY (RUNNING)	2.9	2.14	—	0.5	0.3
	MY (STOPPING)	-6.51	7.09	—	—	—
	MY (RUNNING)	-4.34	4.73	—	1.6	1.3
INDUSTRIAL LOAD DATA DIRECTION : 1. SYMBOL : ∇ IMPLIES VERTICAL UPWARD FORCE AND ∇ IMPLIES VERTICAL DOWNWARD FORCE 2. DIRECTION OF HORIZONTAL LOADS AS INDICATED IN THE TABLE SHALL BE FOLLOWED IN CONJUNCTION WITH THE RESPECTIVE P&V PLAN ALONG THE CONVEYOR						

EQUIPMENT LOAD DATA—RCN-1A&1R HGTV (Ton.)			
POINT	NOS.	VER. LOAD (N T)	DUE TO BELT PULL HORIZONAL (N T)
			ALONG CONV. ACROSS CONV.
H1	12	(+32)	(-10.85) (a) 0.4
H2	10	(+20)	(+12.2) (a) 0.4

NOTE: LOAD AT H1 & H3 WILL NOT ACT SIMULTANEOUSLY.
CONSIDER AVERAGE LOAD OF (+10.2 TON).

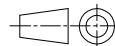
NOTES FOR LOAD DATA DIRECTION :
1. SYMBOL “+” IMPLIES VERTICAL UPWARD FORCE AND “-” IMPLIES VERTICAL DOWNWARD FORCE
2. DIRECTION OF HORIZONTAL LOADS AS INDICATED IN THE TABLE SHALL BE READ IN CONJUNCTION WITH THE RESPECTIVE PLAN VIEW ALONG THE CONVEYOR

(H) HORIZONTAL LOAD TOWARDS HOOD PULLEY = (+)
 TOWARDS TAIL PULLEY = (-)

REVERSIBLE LOAD (= +)

ALL LOADS ARE ACTING AT TOP OF PEDESTAL (ON INDIVIDUAL)

02	26.01.16	Revised as per desein comments in letter 642 dated 6-11-15 & new layout with double track
01	26.10.15	Revised as per TSGENCO/DESEIN comments
R.No:	DATE	BRIEF RECORD
REVISIONS		

OWNER:	TELANGANA STATE POWER GENERATION CORPORATION LTD.										REV
	HYDERABAD – TELANGANA, INDIA										A
CONSULTANT	DESEIN PRIVATE LIMITED										NO.
											OF
PROJECT :	BHADRADRI THERMAL POWER STATION										VAR
	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.	S.R		29.07.15
								CHD.	MMK		30.07.15
								APP.	RSP /VSD		30.07.15
	TITLE :							TOTAL SHEETS		03	
	 GA AND LOAD DATA OF BCN-1A/B							SHEET. NO.		02	
SCALE	BHEL JOB NO. IS-1-14-2007				BHEL-ISG DRG. NO. IS-1-GA-691-101-M008				REV		
									02		

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 BC-1A&B R1 SUBMITTED BY BHEL FOR APPROVAL

Ref:	Comments made on GA Drawing prints of BC-1A&B, R1 by DESEIN		
SL NO	DESEIN COMMENTS.	COMPLIANCE / CLARIFICATIONS BY BHEL	REMARKS
1	Please indicate the angle of north orientation	Indicated	
2	Please indicate dead and live load for short posts	Indicated	
3	Please provide ventilation system with shed for maintenance of ventilation fan along with handling equipment	Canopy shall be provided.	
4	Please complete the full data in technical specification and provided counter weight details	Updated.	
5	Please confirm the *marked data and delete note 6.	Updated.	
6	Please provide access platform for skirt board	Skirt board will be attached to paddle feeder machine. Ref. GA of Paddle Feeder for further details.	
7	Drawing shall be revised considering track hopper for unloading complete rake.	Drawing is been revised for double track hopper, as per ERM.	
8	Refer enlarge details of head frame, please indicate the chute opening size.	Chute opening size indicated	
9	Please provide belt weigher and add a section for the same	Indicated	
10	Distance between transition idler shall be 700mm. Please correct	Corrected	
11	Refer base plate details for SS129 to 144: please indicate channel size.	Channel size indicated	