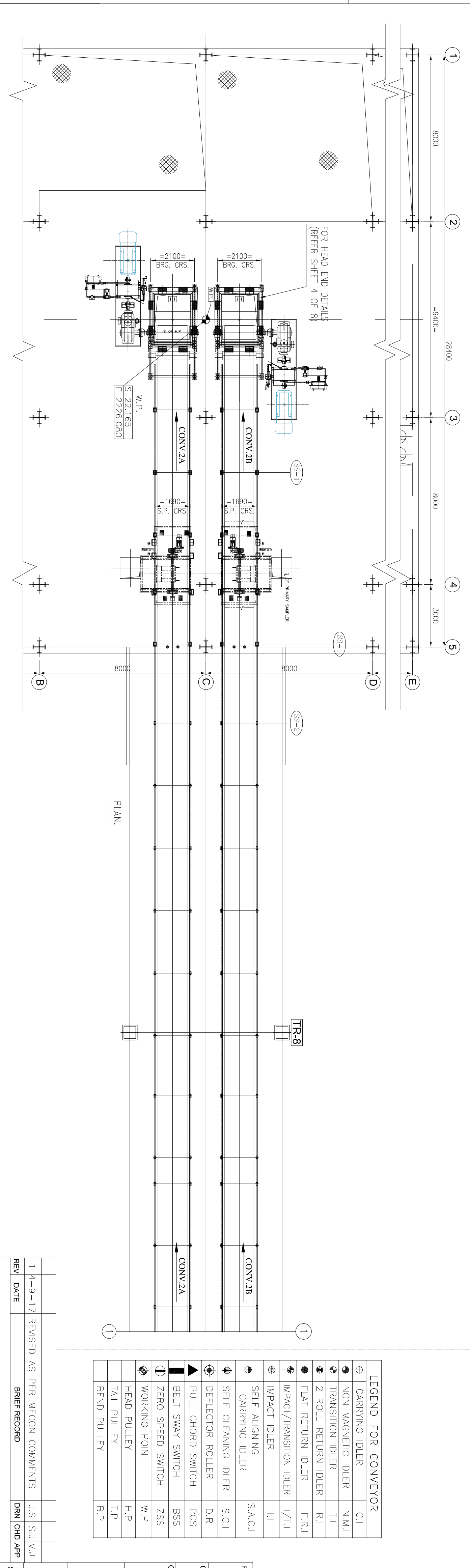
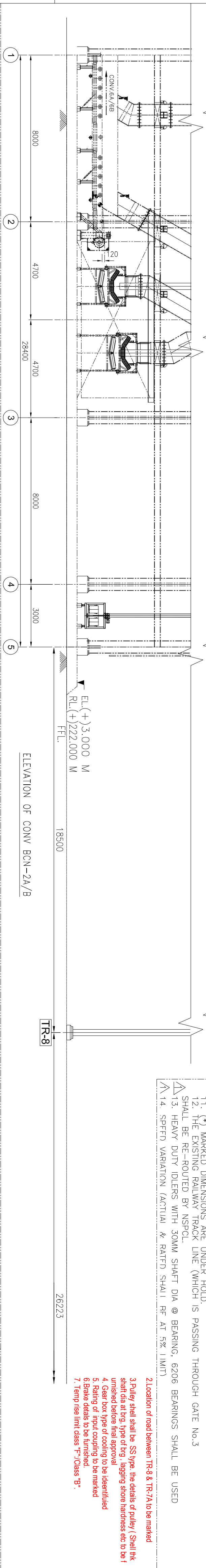
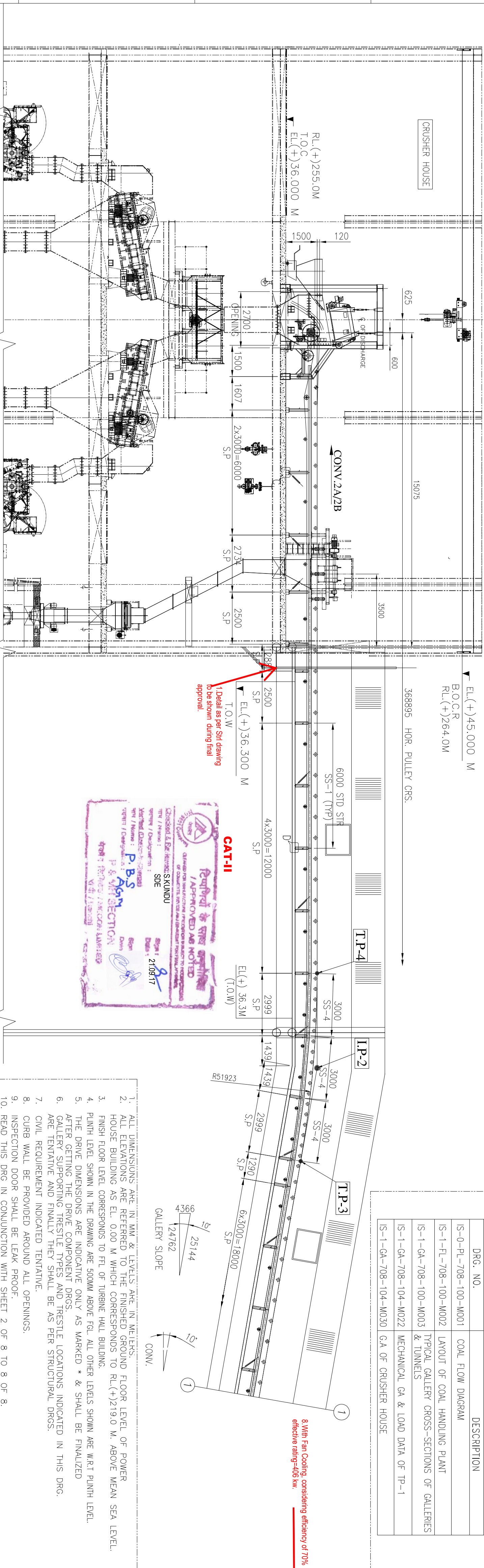
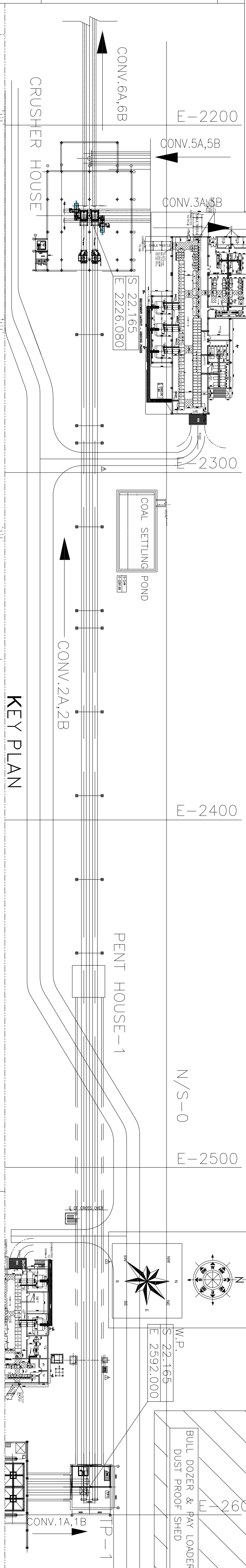


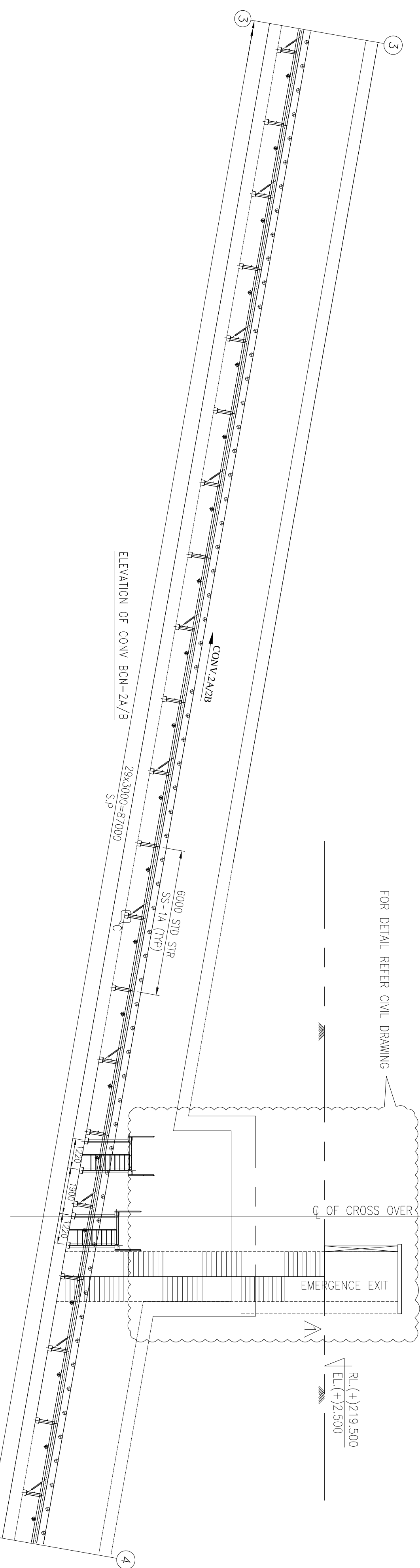
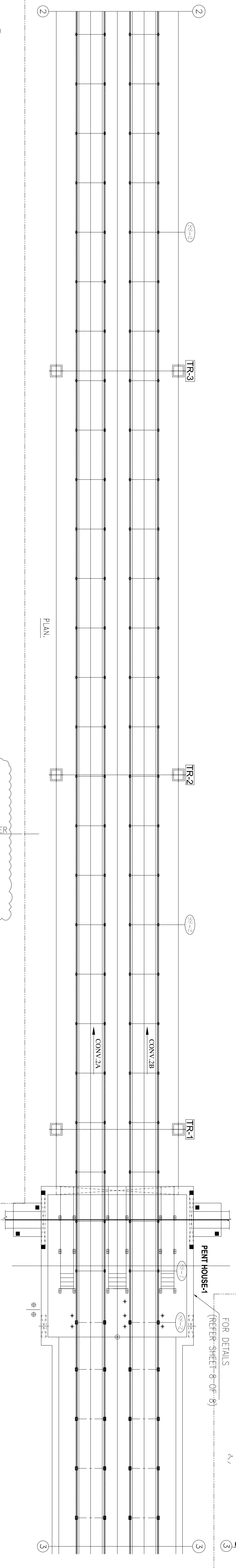
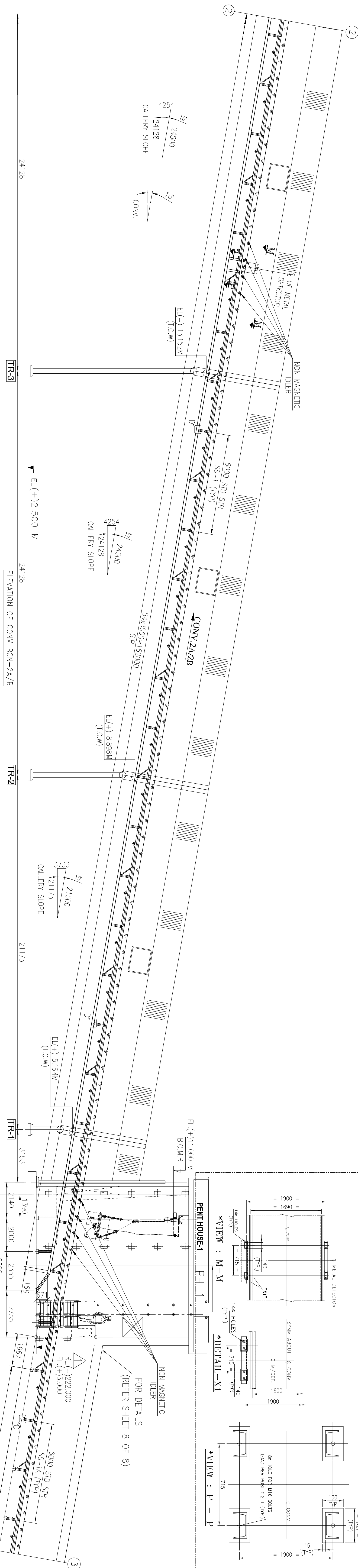


		TECHNICAL SPECIFICATION		QTY FOR EACH MAKE	
CONVEYOR	CONVEYOR NO/EQUIPMENT NO.	BOM-24/B		-	
	RATED CAPACITY/DESIGN CAPACITY (TPH)	1000/1200		-	
	BELT WIDTH (MM)/TROUING ANGLE	1400/35°		-	
	VERTICAL LIFT (M)	55.500		-	
	HORIZONTAL CRS. (M)	388.885 M		-	
	PROFILE LENGTH (MM)	378.082 M		-	
	ENDLESS BELT LENGTH (CONSIDERING SAG) (MM)	780,000 M		-	
	SPEED (M/SEC.) (RATED)	2.8		-	
	MATERIAL	COAL		-	
	BULK DENSITY FOR CONVEYOR SIZNG (TON/CUM)	0.8		-	
MATERIAL HANDLED	FOR STRUCTURAL DESIGN (TON/CUM)		1.1		
	LUMP SIZE (MM)		(-)250		
	MOISTURE CONTENT		15%		
CONVEYOR IS:11592	MATERIAL TEMP.		AMBIENT (MAX 50°)		
	TYPE		N/A		
	RATING		1600/4		
BELT IS:1891	TOP COVER THICKNESS (MM)		6		
	BOTTOM COVER THICKNESS (MM)		3		
	BELT TENSION (KN)		Te=119.05, T1=201.19, T2=82.14, T3=225.0, T4=82.14		
DRIVE DETAILS	TYPE OF JOINT		VULCANIZED		
	TYPE		T80, T92, T96, T98, T100, T105, T110, T115, T120, T125, T130, T135, T140, T145, T150, T155, T160, T165, T170, T175, T180, T185, T190, T195, T200, T205, T210, T215, T220, T225, T230, T235, T240, T245, T250, T255, T260, T265, T270, T275, T280, T285, T290, T295, T300, T305, T310, T315, T320, T325, T330, T335, T340, T345, T350, T355, T360, T365, T370, T375, T380, T385, T390, T395, T400, T405, T410, T415, T420, T425, T430, T435, T440, T445, T450, T455, T460, T465, T470, T475, T480, T485, T490, T495, T500, T505, T510, T515, T520, T525, T530, T535, T540, T545, T550, T555, T560, T565, T570, T575, T580, T585, T590, T595, T600, T605, T610, T615, T620, T625, T630, T635, T640, T645, T650, T655, T660, T665, T670, T675, T680, T685, T690, T695, T700, T705, T710, T715, T720, T725, T730, T735, T740, T745, T750, T755, T760, T765, T770, T775, T780, T785, T790, T795, T800, T805, T810, T815, T820, T825, T830, T835, T840, T845, T850, T855, T860, T865, T870, T875, T880, T885, T890, T895, T900, T905, 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[illegible]

[illegible][illegible]

	
BHARAT HEAVY ELECTRICALS LTD INDUSTRIAL SYSTEMS GROUP, BANGALORE	
TITLE :	GA & LOAD DATA OF BCN-2AB (1400 B.W)
DRAWING NO.	HDEL/JCB NO.
SHEET NO.	IS -1 - GA - ZOR - 101 - MONT
CHECKED BY:	DATE:
DESIGNED BY:	RBR
CHEKED BY:	S.J.I
APP.	VSD
NO. OF SHEETS	ONE
SHEET NO.	06-05



NOTES:-

1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
2. READ THIS DRG IN CONJUNCTION WITH SHEET 1, 2, 4, 5, 6, 7 & 8 OF 8

PROJECT :

OWNER : **NTPC LTD**

CONSULTANT : **BHEL**

PROJECT : ROURKELA PP-II EXPANSION PROJECT (1X250 MW)

CLIENT : NTPC-SAIL POWER COMPANY PVT. LTD.

MECON LIMITED
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BHARAT HEAVY ELECTRICALS LTD
INDUSTRIAL SYSTEMS GROUP,
BANGALORE

TITLE : GA & LOAD DATA OF BCN-2AB (1400 B.W)

SCALE : 1/4" = 1'-0"

REVISIONS :

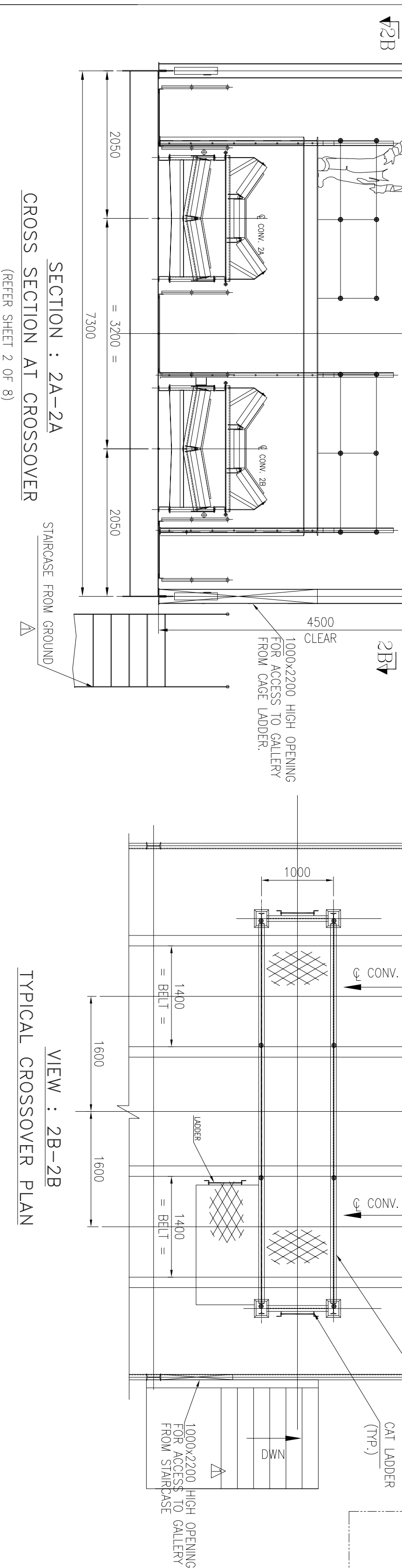
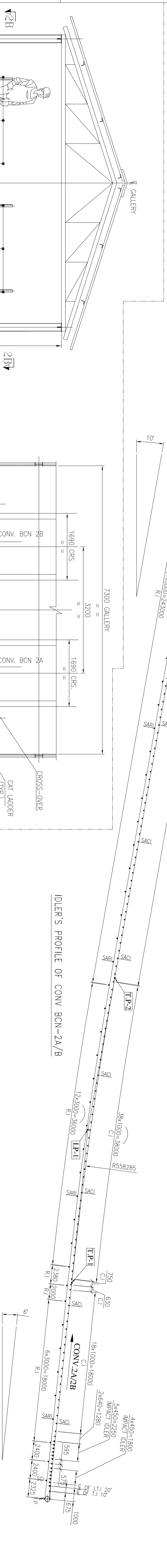
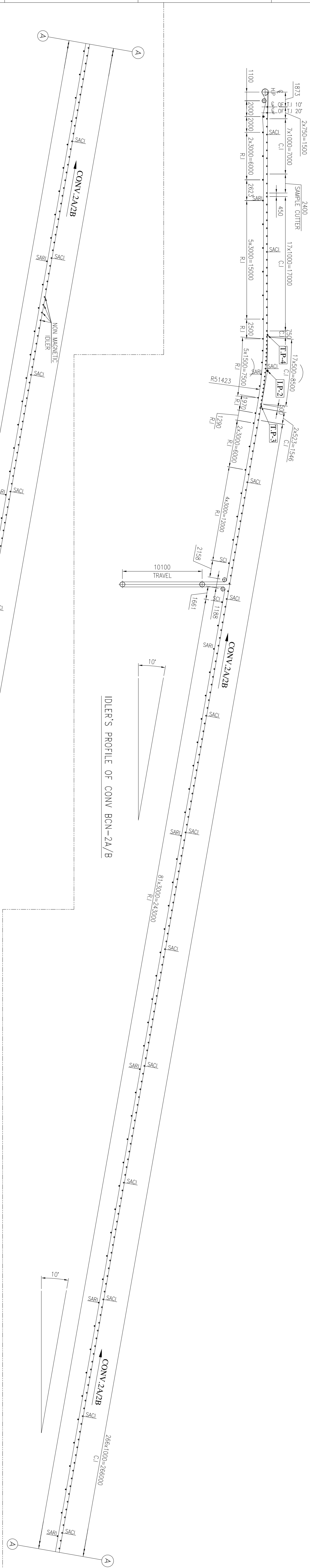
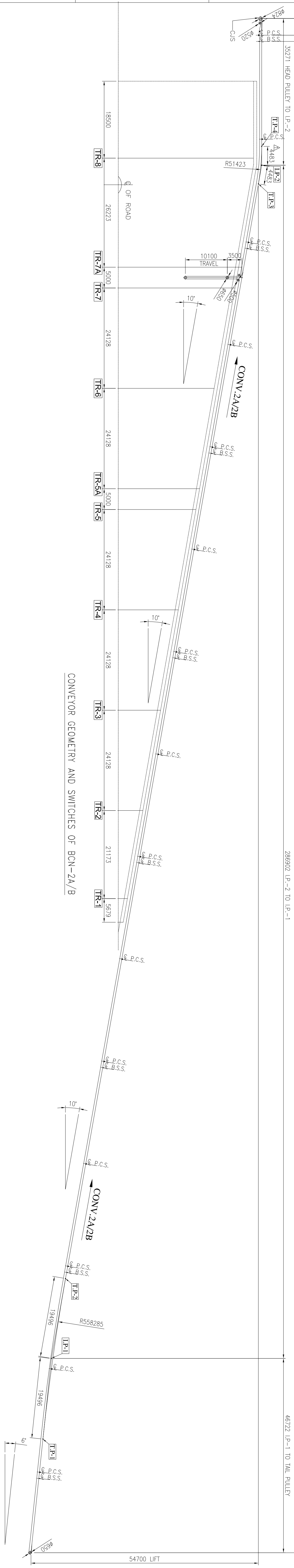
REV	DATE	DESCRIPTION	BY	CHKD	APP
1	14-9-17	REVISED AS PER MECON COMMENTS	J.S.	S.J.	V.J.

BHEL-JSG **IS-1** GA-708-101-1



368895 HOR. PULLEY CRS.

286902 I.P.-2 TO I.P.-1



NOTES:-

1. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METERS.
2. READ THIS DRG IN CONJUNCTION WITH SHEET 1, 2, 3, 4, 6, 7 & 8 OF 8

REV	DATE	BRIEF RECORD	DRN	CHD	AP
1	4-9-17	REVISED AS PER MECON COMMENTS	J.S	S.J	V.A.

PROJECT :	ROURKELA PP-II EXPANSION PROJECT (1X250 MW) NTPC-SAIL POWER COMPANY PVT. LTD.				
OWNER:	 NTPC NATIONAL THERMAL POWER CORPORATION CONSULTANT				
DESIGNER:	 MECON LIMITED मेकॉन लिमिटेड				
CLIENT:	BHARAT HEAVY ELECTRICALS LTD INDUSTRIAL SYSTEMS GROUP, BANGALORE				
DATE:	NAME	SIGN	DATE		
DRN.	IBR		04-05-17		
DESIN.	S.J		04-05-17		
CHD.	Rsp				
APP.	VSD				
NO OF VARS					

1.0 T HOOK FOR HANDLING
BRG. PULLEY - (TYP)
AT CENTER OF GENTRY.

CONV. 2A/2B

EL(+) 31.051 M
EL(+) 31.933 M
1000
948
875
1200
452

2T EH FOR HANDLING
FOR TAKEUP PULLEY

EL(+) 27.000 M
(T.O.S)

EL(+) 20.000 M
(T.O.S)

9 ROPE CONNECTION BETWEEN TAKE UP PULLEY FRAME & COUNTER
WEIGHT TROLLEY FRAME TO BE EQUALLY SHOWN WITH
FIXING DETAILS INCLUDED IN BIDDING (VGTU, GUIDE CABLE FIXING OF
GUIDE CABLE ROPE, ROPE FIXING WINCH ARRANGEMENT ETC.)

EL(+) 16.500 M
(T.O.S)

EL(+) 13.000 M
(T.O.S)

350 Δ
EL(+) 6.000 M
(T.O.S)

MESH GUARD

2500

SAND PIT
2015x1800x600 DEEP
5000
2500
9T
EL(+) 2.500 M
(F.G.L.)
MANUAL
WINCH

DETAIL OF VERTICAL GRAVITY TAKE UP

§ GALLERY

§ CONV. 2A

§ CONV. 2B

2000x1500 OPNG.

= 2100 =

BRG. CRS.

= 2800 =

OPNG.

= 2100 =

BRG. CRS.

= 2800 =

OPNG.

= 2800 =

OPNG.

= 2800 =

OPNG.

VIEW D-D

§ OF TAKE-UP
= 5000 =
2500
LOAD/PER POINT
1.0 Tc. VERTICAL
DOWNWARD (TYP)

FOR DETAILS REFER
(SHEET 7 OF 8)
2A

FOR DETAILS REFER
(SHEET 7 OF 8)
3A

SAND PIT
2015x1800x600
DEEP (TYP)

600 DEEP
SAND PIT

600 DEEP
SAND PIT

PLAN AT EL(+) 2.500M

§ OF TAKE-UP
= 5000 =

ø150 OPENING FOR ROPE
A = 350 FOR ELEV-6.000M
A = 650 FOR ELEV-9.500M
A = 950 FOR ELEV-13.000M

§ OF CONV.-2A

§ OF CONV.-2B

PLAN AT EL(+) 6.000M, 9.500M & EL(+) 13.000M (T.O.S)

PROJECT :

ROURKELA PP-II EXPANSION
PROJECT (1X250 MW)

NTPC-SAIL POWER COMPANY PVT. LTD.

OWNER

MECON LIMITED
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BHARAT HEAVY ELECTRICALS LTD
INDUSTRIAL SYSTEMS GROUP,
BANGALORE

TITLE : GA & LOAD DATA OF BCN-2AB (1400 B.W)

REV	DATE	BRIEF RECORD	DRN	CMD	APP
1	14-9-17	REVISED AS PER MECON COMMENTS	J.S	S.J	V.J

REV	DATE	BRIEF RECORD	DRN	CMD	APP
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CONSULTANT

MECON

INDUSTRIAL SYSTEMS GROUP,
BANGALORE

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