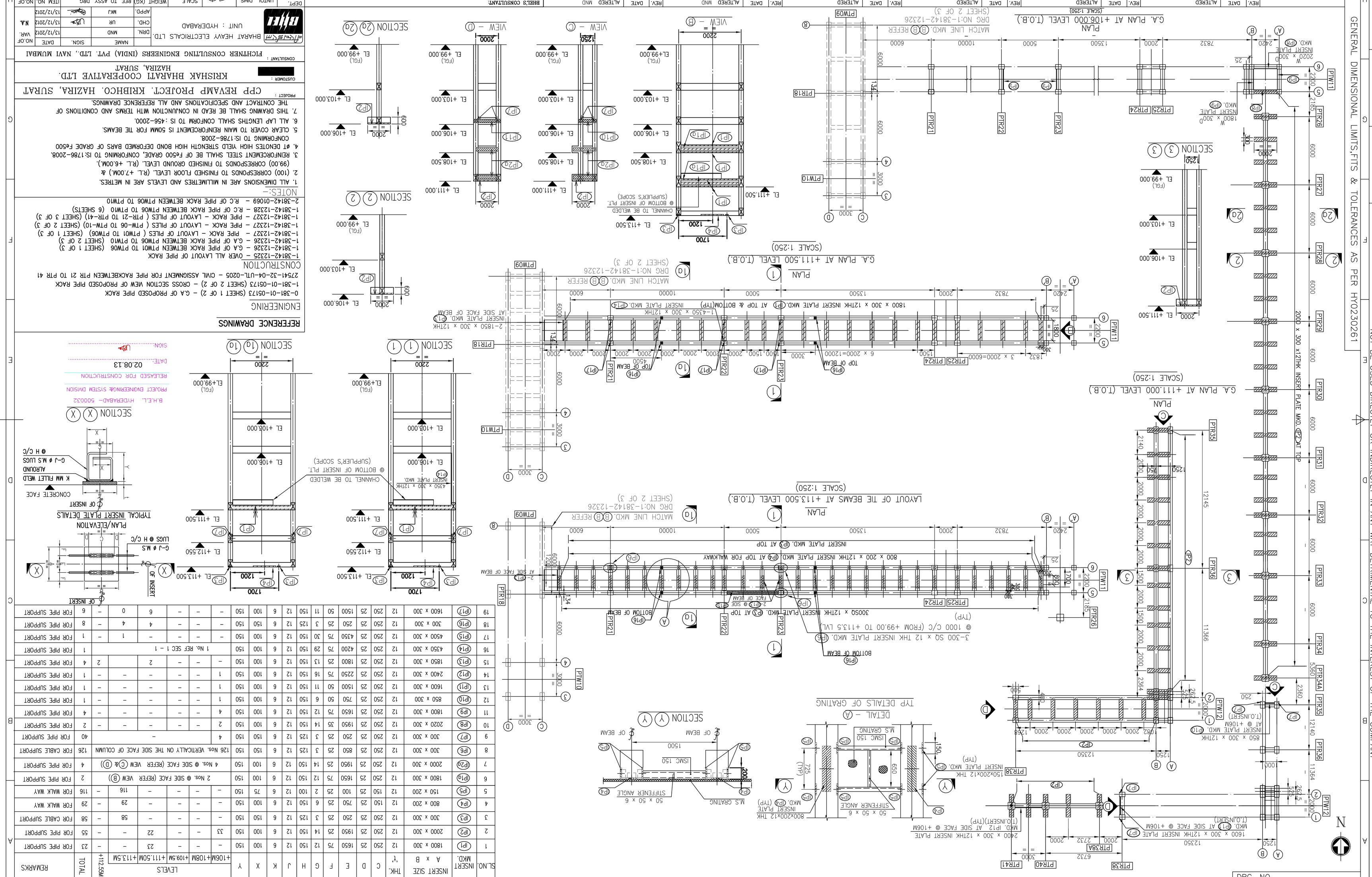

SCHEDULE OF INSERT PLATES

SL.NO.	INSERT MKD.	INSERT SIZE A x B	THK. 't'	C	D	E	F	G	H	J	K	X	Y	LEVELS +106M	+108M	+109.5M	+111.5M	+113.5M	+112.5M	TOTAL	REMARKS
1	(IP1)	1800 x 300	12	250	25	1650	75	12	150	12	6	100	150	–	–	–	23	–	–	23	FOR PIPE SUPPORT
2	(IP2)	2000 x 300	12	250	25	1950	25	14	150	12	6	100	150	33	–	–	22	–	–	55	FOR PIPE SUPPORT
3	(IP3)	300 x 300	12	250	25	250	25	3	125	12	6	150	150	–	–	–	–	58	–	58	FOR CABLE SUPPORT
4	(IP4)	800 x 200	12	150	25	750	25	6	150	12	6	100	150	–	–	–	–	29	–	29	FOR WALK WAY
5	(IP5)	150 x 200	12	150	25	100	25	2	100	12	6	75	150	–	–	–	–	116	–	116	FOR WALK WAY
6	(IP6)	1800 x 300	12	250	25	1650	75	12	150	12	6	100	150	2 Nos. @ SIDE FACE (REFER VIEW (B))						2	FOR PIPE SUPPORT
7	(IP2a)	2000 x 300	12	250	25	1950	25	14	150	12	6	100	150	4 Nos. @ SIDE FACE (REFER VIEW (C)& (D))						4	FOR PIPE SUPPORT
8	(IP6)	300 x 300	12	250	25	850	25	3	125	12	6	150	150	126 Nos. VERTICALLY ON THE SIDE FACE OF COLUMN						126	FOR CABLE SUPPORT
9	(IP7)	300 x 300	12	250	25	250	25	3	125	12	6	150	150	4	–	–	–	–	–	40	FOR PIPE SUPPORT
10	(IP8)	2020 x 300	12	250	25	1950	35	14	150	12	6	100	150	2	–	–	–	–	–	2	FOR PIPE SUPPORT
11	(IP9)	1800 x 300	12	250	25	1650	75	12	150	12	6	100	150	4	–	–	–	–	–	4	FOR PIPE SUPPORT
12	(IP10)	850 x 300	12	250	25	750	50	6	150	12	6	100	150	1	–	–	–	–	–	1	FOR PIPE SUPPORT
13	(IP11)	1600 x 300	12	250	25	1500	50	11	150	12	6	100	150	1	–	–	–	–	–	1	FOR PIPE SUPPORT
14	(IP12)	2400 x 300	12	250	25	2250	75	16	150	12	6	100	150	1	–	–	–	–	–	1	FOR PIPE SUPPORT
15	(IP13)	1850 x 300	12	250	25	1800	25	13	150	12	6	100	150	–	–	–	2		2	4	FOR PIPE SUPPORT
16	(IP14)	4350 x 300	12	250	25	4200	75	29	150	12	6	100	150	1 No. REF SEC 1 – 1						1	FOR PIPE SUPPORT
17	(IP15)	4500 x 300	12	250	25	4350	75	30	150	12	6	100	150	–	–	–	–	1	–	1	FOR PIPE SUPPORT
18	(IP16)	300 x 300	12	250	25	250	25	3	125	12	6	150	150	–	–	–	4	4	–	8	FOR PIPE SUPPORT
19	(IP17)	1600 x 300	12	250	25	1500	50	11	150	12	6	100	150	–	–	–	6	0	–	6	FOR PIPE SUPPORT

REFERENCE DRAWINGS

ENGINEERING

0-381-01-05173 (SHEET 1 OF 2) – G.A OF PROPOSED PIPE RACK
1-381-01-05173 (SHEET 2 OF 2) – CROSS SECTION VIEW OF PROPOSED PIPE RACK
2754t-32-04-UTL-0205 – CIVIL ASSIGNMENT FOR PIPE RACKBETWEEN PTR 21 TO PTR 41

CONSTRUCTION

1-38142-12325 – OVER ALL LAYOUT OF PIPE RACK
1-38142-12326 – G.A OF PIPE RACK BETWEEN PTW01 TO PTW06 (SHEET 1 OF 3)
1-38142-12326 – G.A OF PIPE RACK BETWEEN PTW06 TO PTW10 (SHEET 2 OF 3)
1-38142-12327 – PIPE RACK – LAYOUT OF PILES (PTW01 TO PTW06) (SHEET 1 OF 3)
1-38142-12327 – PIPE RACK – LAYOUT OF PILES (PTW–06 TO PTW–10) (SHEET 2 OF 3)
1-38142-12327 – PIPE RACK – LAYOUT OF PILES (PTR–21 TO PTR–41) (SHEET 3 OF 3)
1-38142-12328 – R.C OF PIPE RACK BETWEEN PTW06 TO PTW10 (6 SHEETS)
2-38142-01069 – R.C OF PIPE RACK BETWEEN PTW06 TO PTW10

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS.
2. (100) CORRESPONDS TO FINISHED FLOOR LEVEL. (R.L. +7.00M.) & (99.00) CORRESPONDS TO FINISHED GROUND LEVEL. (R.L. +6.00M.).
3. REINFORCEMENT STEEL SHALL BE OF Fe500 GRADE, CONFORMING TO IS:1786–2008.
4. Ø DENOTES HIGH YIELD STRENGTH HIGH BOND DEFORMED BARS OF GRADE Fe500 CONFORMING TO IS:1786–2008.
5. CLEAR COVER TO MAIN REINFORCEMENT IS 50MM FOR TIE BEAMS.
6. ALL LAP LENGTHS SHALL CONFORM TO IS :456–2000.
7. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH TERMS AND CONDITIONS OF THE CONTRACT AND SPECIFICATIONS AND ALL REFERENCE DRAWINGS.

PROJECT : CPP REVAMP PROJECT. KRIBHCO. HAZIRA, SURAT

CUSTOMER : KRISHAK BHARATI COOPERATIVE LTD. HAZIRA, SURAT

CONSULTANT : PITCHTHER CONSULTING ENGINEERS (INDIA) PVT. LTD., NAVI MUMBAI

	NAME	SIGN.	DATE	NO.OF VAR.
DRN.	MND		13/12/2012	
CHD.	UR		13/12/2012	N.A.
APPD.	MKJ		13/12/2012	

DEPT.	UNIT0. DIMS.	SCALE	WEIGHT (KG)	REF. TO ASSY. DRG.	ITEM NO.	NO.OF ITEMS
PED CODE 450	GR. g/M/Y	1:150	N.A.	N.A.	N.A.	N.A.

UNIT : HYDERABAD

BHARAT HEAVY ELECTRICALS LTD.

TITLE: G.A DETAILS OF PIPE RACK BETWEEN PTR21 TO PTR41 (SHEET 3 OF 3)

CARD CODE: NA

DRAWING NO. 1-38142-12326

REV. 02

SHT. No 3 NO. OF SHT. 3

REV.	DATE	ALTERED	CHD/APPD
01	16/07/13	ALTERED MND	CHD/APPD UR/MKJ
02	02/08/13	ALTERED MND	CHD/APPD UR/MKJ

REV.	DATE	ALTERED	CHD/APPD
01A	15.02.2013	REVISED AS PER LATEST PIPING LAYOUT	CHD/APPD UR/MKJ

M.N. DASTUR & COMPANY (P) LTD. CONSULTING ENGINEERS-KOLKATA

DASTURCO PROJECT NO : 27541

DRG. NO.2754t-32-08-CVL-0059

	NAME	SIGN.	DATE
DRN.	AS	AS	13.12.2012
CHD.	DK	DK	15.02.2013
APPD.	SS	SS	15.02.2013

BHEL'S CONSULTANT.

B.H.E.L. HYDERABAD– 500032
PROJECT ENGINEERING& SYSTEM DIVISION
RELEASED FOR CONSTRUCTION
DATE: 02.08.13
SIGN:

INVENTORY NO | SIGN. AND DATE | REF. DRG. NO. | COMPUTER FILE NAME

DRG. NO. 1-38142-12326

SHT. 3 OF 3

FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)