



LEGEND

SL.No.	CONTENT	ABBREVIATIONS & SYMBOL
01.	ACCESS DOOR (450x600) (SIDE WALL ONLY)	AD
02.	ACCESS DOOR (450x450) (OTHER AREA)	AD
03.	BOLTED DOOR (450x450)	BD
04.	TERMINAL POINT (BHEL TRICHY'S SCOPE)	TP
05.	SAFETY VALVE	SV
06.	STARTUP VENT	SV
07.	SAFETY RELIEF VALVE	SRV
08.	LEFT SIDE	(L)
09.	WATER PRE HEATER	WPH
10.	SUPER HEATER	SH
11.	OBSERVATION DOOR	OBD
12.	DOWN COMER	DC
13.	TOP OF STEEL	(TOS)
14.	BOTTOM OF STEEL	(BOS)
15.	INSULATION	INS

DESCRIPTION OF THE UNIT:
 ONE NUMBER OUTDOOR, FIRED, WATER TUBE, SINGLE PRESSURE, DOUBLE WIDTH, NATURAL CIRCULATION HORIZONTAL TYPE HEAT RECOVERY STEAM GENERATOR BEHIND FRAME 6FA GT.

NOTES:
 01. ALL DIMENSIONS INDICATED FOR DUCT REPRESENTS INSIDE SIZE ONLY.
 02. ENSURE THAT THE BOTTOM CASING AND TOP DUCT IS PROVIDED WITH A SLOPE OF 1° AS SHOWN IN SECTION.
 03. (A), (B), (C), (D) ARE DESIGNATION OF ANCHOR POINTS.
 04. SPACE IDENTIFIED FOR VARIOUS EQUIPMENTS ARE AT GROUND, UNLESS OTHERWISE SPECIFIED.
 05. FIXED COLUMN: S5R
 06. O.D.M OF HRSG CORRESPONDS TO THE FFL OF GTG BUILDING WHICH CORRESPONDS TO SITE RL. 7.0M

SIZE OF COLUMNS:
 D1 - D2 - I 250 x 250
 D3 - I 250 x 350
 S1 TO S10 - I 750 x 350

REFERENCE DRAWINGS:
 01. PPA - SECTIONAL ELEVATION - 0-00-571-98427
 02. PPA - PLAN OVER MODULE TOP HEADERS - 0-00-571-98428
 03. PPA - PLAN OVER MODULE BOTTOM HEADERS - 0-00-571-98429
 04. SCHEME OF WATER AND STEAM CIRCUIT WITH VALVES AND INSTRUMENTATIONS - 0-24-400-80966
 05. PLOT PLAN - 0-381-01-01306

REV	DATE	ALTD	M.DHARMALINGAM	REV	DATE	ALTD	M.DHARMALINGAM
02	07.03.2012	CHD	P.K.SAHOOD	01	13.01.2012	CHD	P.K.SAHOOD
		APPD	S.GANANARAJ			APPD	S.GANANARAJ

ZONE 01. SRV ADDED IN ECO-INLET LINE AS PER REVISED SCHEME DRG. AND ECO-INLET LINE SHIFTED TOWARDS PIPE RACK BY 750MM.
 ZONE 02. BYPASS VALVE ADDED IN GLOBE VALVE IN ECO-INLET LINE AS PER REVISED SCHEME DRAWING.
 ZONE 03. SPACE FOR DRAIN HEADER I & II RELOCATED NEAR SSR COLUMN CLEARING HAZARDOUS AREA.

REV	DATE	ALTD	M.DHARMALINGAM	REV	DATE	ALTD	M.DHARMALINGAM
03	17.07.2012	CHD	P.K.SAHOOD	02	13.01.2012	CHD	P.K.SAHOOD
		APPD	S.GANANARAJ			APPD	S.GANANARAJ

ZONE 04. ECO. BYPASS VALVE LOCATION ALTERED AS PER REVISED SCHEME DRAWING.
 ZONE 05. DRAWING UPDATED AS PER PPA DRAWINGS.
 ZONE 06. GAS BURNER DUCT WIDTH INCREASED TO 800MM AS PER FF REQUIREMENT.
 ZONE 07. GAS DISTRIBUTION GRID DELETED AS PER BPP TRANSMITTAL.
 ZONE 08. FIXED COLUMN CHANGED TO S5R AS PER SS REQUIREMENT.
 ZONE 09. STAIRCASE ARRANGEMENT CORRECTED.
 ZONE 10. S2L&R TO S10L&R COLUMN TO COLUMN DISTANCES CORRECTED TO 4246MM.
 ZONE 11. CHIMNEY CO-ORDINATE ADDED.
 ZONE 12. DRAWING REVISED BASED ON CUSTOMER COMMENTS RECD ON 07.01.2011.

CUSTOMER No. 5760

PROJECT : CPP REVAMP PROJECT KRIBHCO HAZIRA HEAT RECOVERY STEAM GENERATOR BEHIND Fr. 6FA GT. 190 l/hr; 107kg/cm² (g); 513°C

CUSTOMER/CONSULTANT : KRIBHCO KRISHAK BHARATI COOPERATIVE LTD. HAZIRA, GUJARAT

BHARAT HEAVY ELECTRICALS LTD.,
 BOILER PLANT UNIT, TIRUCHIRAPALLI-620 014.

DRAWN	TITLE
M.DHARMALINGAM	GENERAL ARRANGEMENT OF BOILER ELEVATION, PLAN & SECTION

DATE: 21.10.2011
 SCALE: 1:65
 DRG No. 0-00-561-93601
 REV. 03

