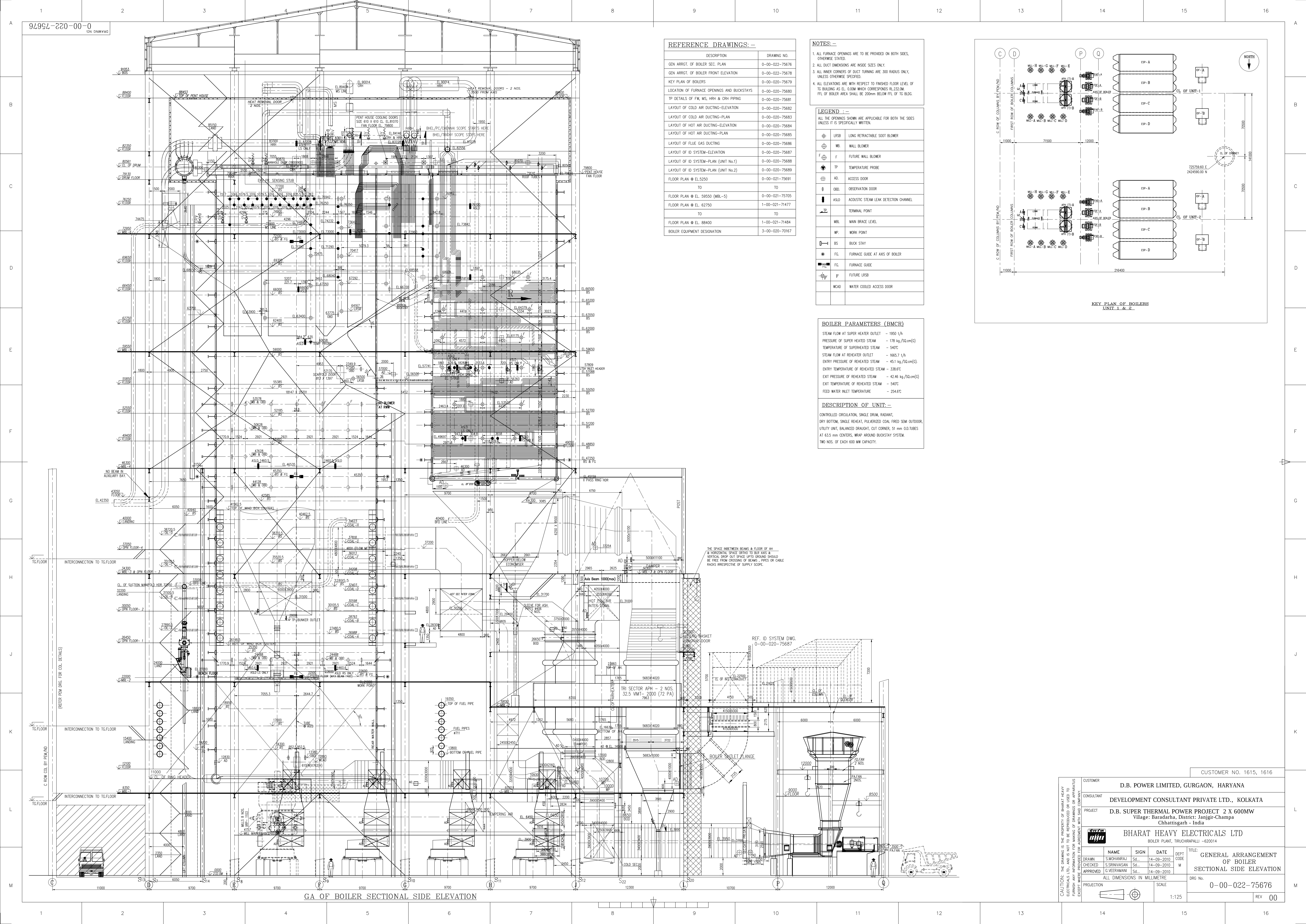
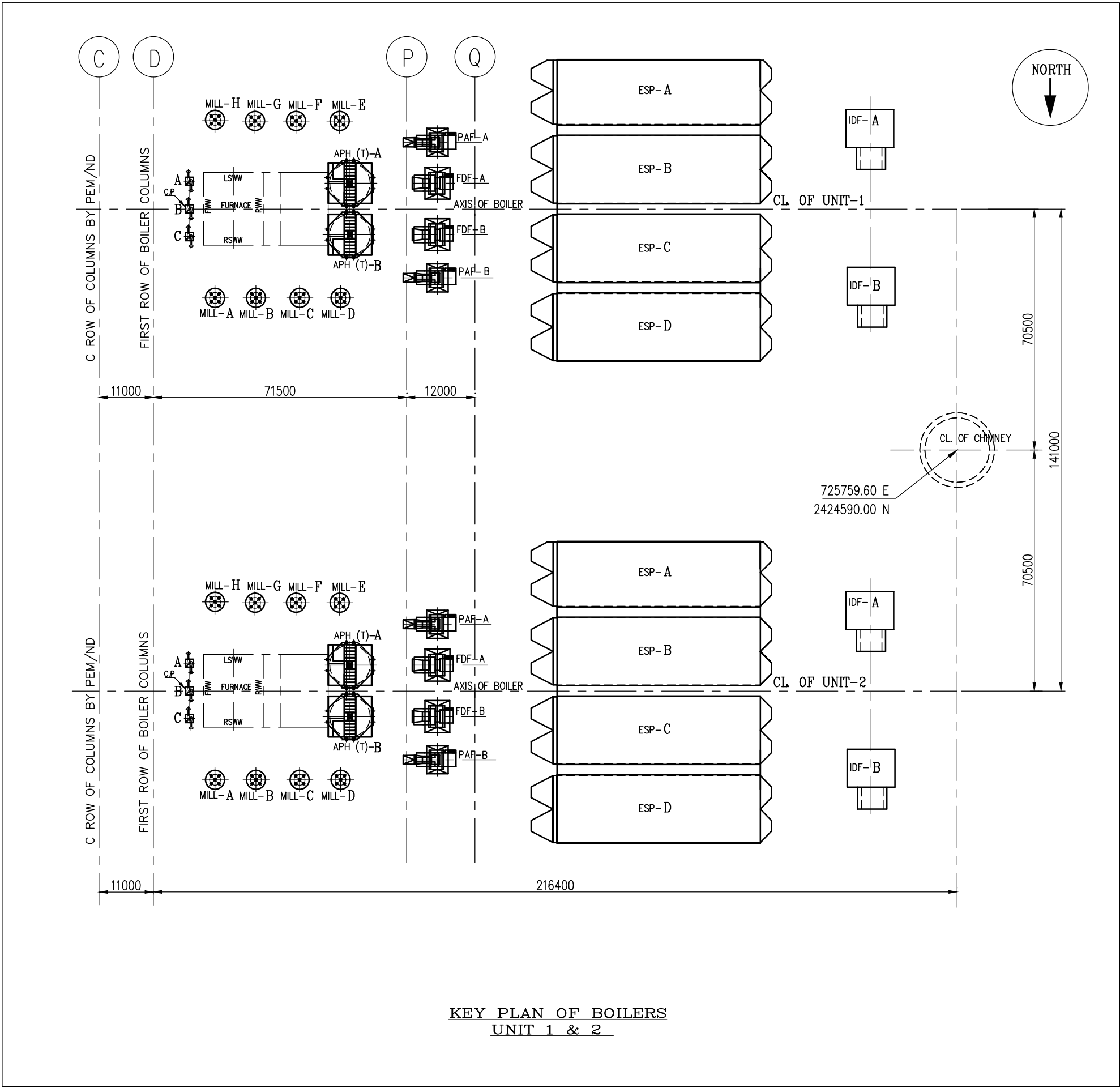




REFERENCE DRAWINGS:-		
DESCRIPTION	DRAWING NO.	
GEN ARRGT. OF BOILER SEC. PLAN	0-00-022-75676	
GEN ARRGT. OF BOILER FRONT ELEVATION	0-00-022-75678	
KEY PLAN OF BOILERS	0-00-020-75679	
LOCATION OF FURNACE OPENINGS AND BUCKSTAYS	0-00-020-75680	
TP DETAILS OF FW, WS, HRH & CRH PIPING	0-00-020-75681	
LAYOUT OF COLD AIR DUCTING-ELEVATION	0-00-020-75682	
LAYOUT OF COLD AIR DUCTING-PLAN	0-00-020-75683	
LAYOUT OF HOT AIR DUCTING-ELEVATION	0-00-020-75684	
LAYOUT OF HOT AIR DUCTING-PLAN	0-00-020-75685	
LAYOUT OF FLUE GAS DUCTING	0-00-020-75686	
LAYOUT OF ID SYSTEM-ELEVATION	0-00-020-75687	
LAYOUT OF ID SYSTEM-PLAN (UNIT No.1)	0-00-020-75688	
LAYOUT OF ID SYSTEM-PLAN (UNIT No.2)	0-00-020-75689	
FLOOR PLAN @ EL.5250	0-00-021-75691	
TO	TO	
FLOOR PLAN @ EL.5950 (MBL-S)	0-00-021-75705	
FLOOR PLAN @ EL. 62750	1-00-021-71477	
TO	TO	
FLOOR PLAN @ EL. 68400	1-00-021-71484	
BOILER EQUIPMENT DESIGNATION	3-00-020-70167	

NOTES:-	
1. ALL FURNACE OPENINGS ARE TO BE PROVIDED ON BOTH SIDES, OTHERWISE STATED.	
2. ALL DUCT DIMENSIONS ARE INSIDE SIZES ONLY.	
3. ALL INNER CORNERS OF DUCT TURNING ARE 300 RADIUS ONLY, UNLESS OTHERWISE SPECIFIED.	
4. ALL ELEVATIONS ARE WITH RESPECT TO FINISHED FLOOR LEVEL OF TG BUILDING AS EL. 0.00M WHICH CORRESPONDS RL32.0M. FFL OF BOILER AREA SHALL BE 200mm BELOW FFL OF TG BLDG.	
LEGEND:-	
ALL THE OPENINGS SHOWN ARE APPLICABLE FOR BOTH THE SIDES UNLESS IT IS SPECIFICALLY WRITTEN.	
	LRSB LONG RETRACTABLE SOOT BLOWER
	MB WALL BLOWER
	F FUTURE WALL BLOWER
	TP TEMPERATURE PROBE
	AD ACCESS DOOR
	GED OBSERVATION DOOR
	ASD ACOUSTIC STEAM LEAK DETECTION CHANNEL
	MBL MAIN BRACE LEVEL
	WP WORK POINT
	BS BUCK STAY
	FG FURNACE GUIDE AT AXIS OF BOILER
	FG FURNACE GUIDE
	P FUTURE LRSB
	WCAO WATER COOLED ACCESS DOOR

BOILER PARAMETERS (HMCR)	
STEAM FLOW AT SUPER HEATER OUTLET	- 1950 t/h
PRESSURE OF SUPER HEATED STEAM	- 178 kg/50cm(g)
TEMPERATURE OF SUPERHEATED STEAM	- 540°C
STEAM FLOW AT REHEATER OUTLET	- 1665.7 t/h
ENTRY PRESSURE OF REHEATED STEAM	- 45.1 kg/50cm(g)
ENTRY TEMPERATURE OF REHEATED STEAM	- 338.6°C
EXIT PRESSURE OF REHEATED STEAM	- 42.46 kg/50cm(g)
EXIT TEMPERATURE OF REHEATED STEAM	- 540°C
FEED WATER INLET TEMPERATURE	- 254.6°C
DESCRIPTION OF UNIT:-	
CONTROLLED CIRCULATION, SINGLE DRUM, RADIANT, DRY BOTTOM, SINGLE REHEAT, PULVERIZED COAL, FRED SEM OUTDOOR, UTILITY UNIT, BALANCED DRAUGHT, OUT CORNER, 51 mm O.D.TUBES AT 63.5 mm CENTERS, WRAP AROUND BUCKSTAY SYSTEM. TWO NOS. OF EACH 600 MW CAPACITY.	



CUSTOMER NO. 1615, 1616	
D.B. POWER LIMITED, GURGAON, HARYANA	
DEVELOPMENT CONSULTANT PRIVATE LTD., KOLKATA	
D.B. SUPER THERMAL POWER PROJECT 2 X 600MW	
Village: Baradarha, District: Janjig-Champa	
Chhattisgarh - India	
BHARAT HEAVY ELECTRICALS LTD	
BOILER PLANT, TRICHURAPALLI -620014	
GENERAL ARRANGEMENT OF BOILER SECTIONAL SIDE ELEVATION	
DRG No. 0-00-022-75676	
REV 00	

