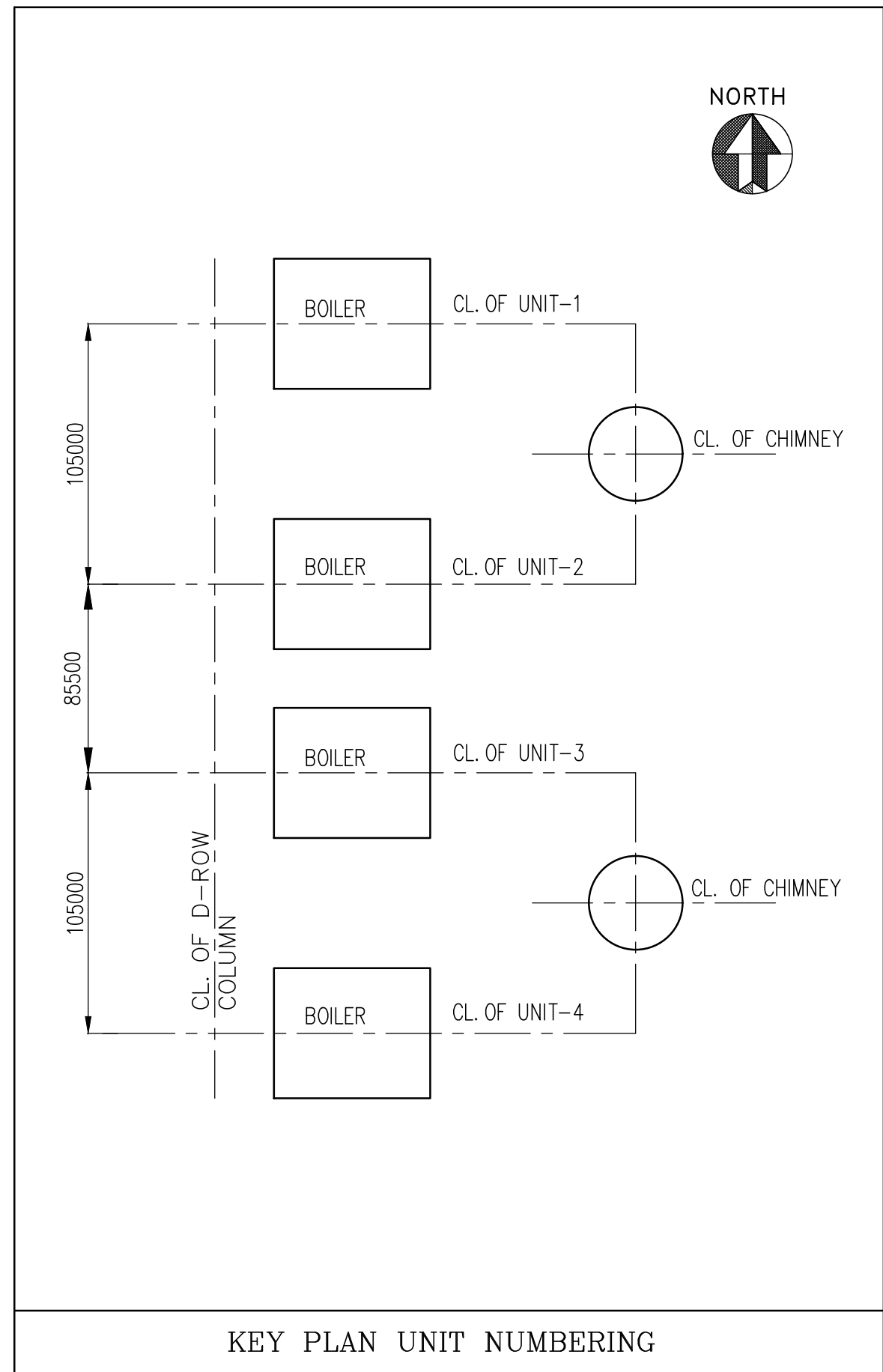
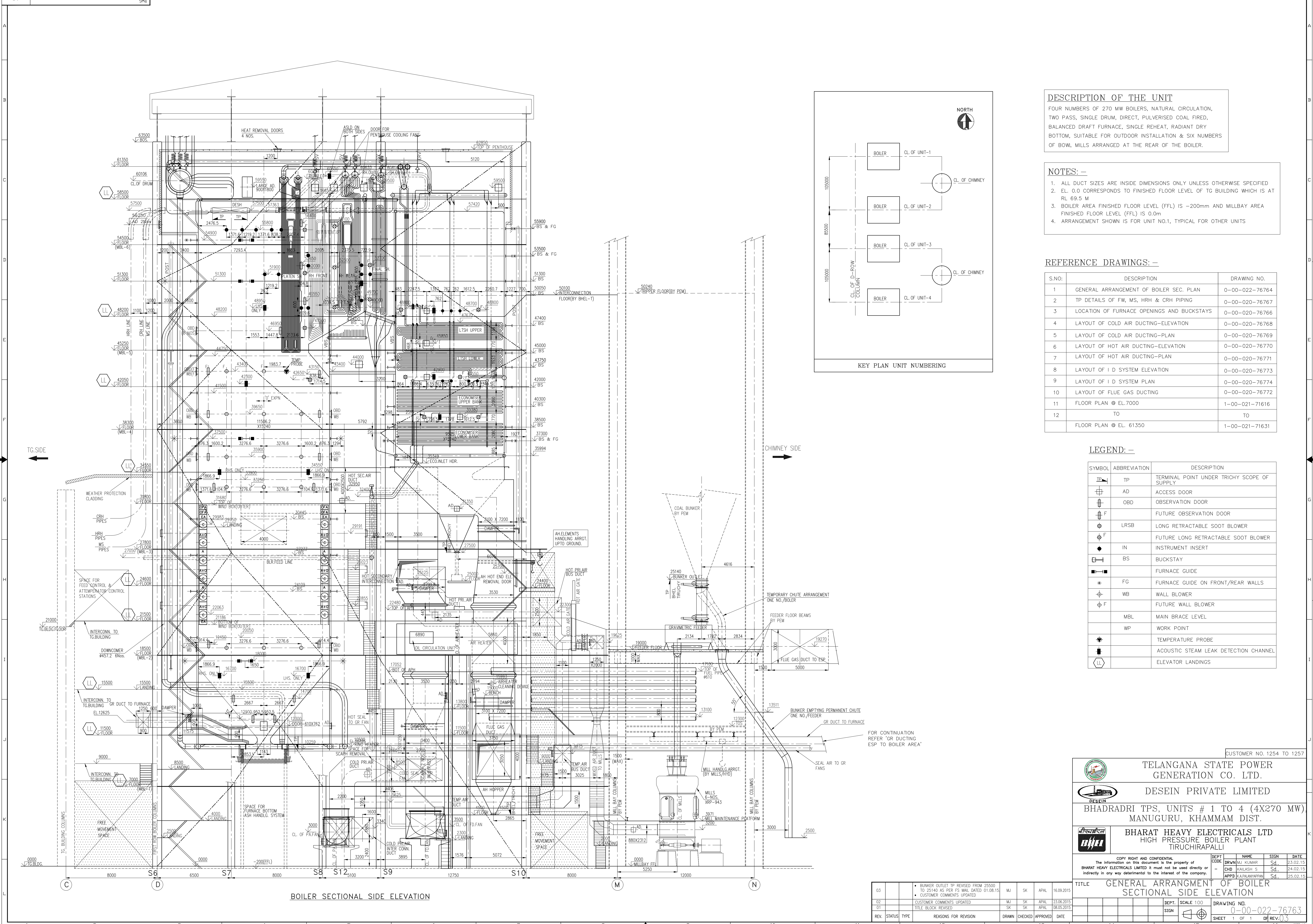




DESCRIPTION OF THE UNIT
FOUR NUMBERS OF 270 MW BOILERS, NATURAL CIRCULATION, TWO PASS, SINGLE DRUM, DIRECT, PULVERISED COAL FIRED, BALANCED DRAFT FURNACE, SINGLE REHEAT, RADIANT DRY BOTTOM, SUITABLE FOR OUTDOOR INSTALLATION & SIX NUMBERS OF BOWL MILLS ARRANGED AT THE REAR OF THE BOILER.

- NOTES: -**
- 1. ALL DUCT SIZES ARE INSIDE DIMENSIONS ONLY UNLESS OTHERWISE SPECIFIED
 - 2. EL. 0.0 CORRESPONDS TO FINISHED FLOOR LEVEL OF TG BUILDING WHICH IS AT RL 69.5 M
 - 3. BOILER AREA FINISHED FLOOR LEVEL (FFL) IS -200mm AND MILLBAY AREA FINISHED FLOOR LEVEL (FFL) IS 0.0m
 - 4. ARRANGEMENT SHOWN IS FOR UNIT NO.1, TYPICAL FOR OTHER UNITS

REFERENCE DRAWINGS: -

S.NO.	DESCRIPTION	DRAWING NO.
1	GENERAL ARRANGEMENT OF BOILER SEC. PLAN	0-00-022-76764
2	TP DETAILS OF FW, MS, HRH & CRH PIPING	0-00-020-76767
3	LOCATION OF FURNACE OPENINGS AND BUCKSTAYS	0-00-020-76766
4	LAYOUT OF COLD AIR DUCTING-ELEVATION	0-00-020-76768
5	LAYOUT OF COLD AIR DUCTING-PLAN	0-00-020-76769
6	LAYOUT OF HOT AIR DUCTING-ELEVATION	0-00-020-76770
7	LAYOUT OF HOT AIR DUCTING-PLAN	0-00-020-76771
8	LAYOUT OF I D SYSTEM ELEVATION	0-00-020-76773
9	LAYOUT OF I D SYSTEM PLAN	0-00-020-76774
10	LAYOUT OF FLUE GAS DUCTING	0-00-020-76772
11	FLOOR PLAN @ EL.7000	1-00-021-71616
12	TO	TO
	FLOOR PLAN @ EL. 61350	1-00-021-71631

LEGEND: -

SYMBOL	ABBREVIATION	DESCRIPTION
TP	TP	TERMINAL POINT UNDER TRICHY SCOPE OF SUPPLY
AD	AD	ACCESS DOOR
OBD	OBD	OBSERVATION DOOR
F	F	FUTURE OBSERVATION DOOR
LRSB	LRSB	LONG RETRACTABLE SOOT BLOWER
F	F	FUTURE LONG RETRACTABLE SOOT BLOWER
IN	IN	INSTRUMENT INSERT
BS	BS	BUCKSTAY
FG	FG	FURNACE GUIDE
WB	WB	FURNACE GUIDE ON FRONT/REAR WALLS
F	F	FUTURE WALL BLOWER
MBL	MBL	MAIN BRACE LEVEL
WP	WP	WORK POINT
TP	TP	TEMPERATURE PROBE
LL	LL	ACOUSTIC STEAM LEAK DETECTION CHANNEL
LL	LL	ELEVATOR LANDINGS

CUSTOMER NO. 1254 TO 1257

TELANGANA STATE POWER GENERATION CO. LTD.

DESEIN PRIVATE LIMITED

BHADRADRI TPS, UNITS # 1 TO 4 (4X270 MW), MANUGURU, KHAMMAM DIST.

BHARAT HEAVY ELECTRICALS LTD
HIGH PRESSURE BOILER PLANT
TIRUCHIRAPALLI

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DEPT	CODE	NAME	SIGN	DATE
DRWN	MJ	KUMAR	Sd.	23.02.15
CHD	KAILASH	S	Sd.	24.02.15
APPD	K.A.PRAMODHARAN	Sd.		25.02.15

TITLE: GENERAL ARRANGEMENT OF BOILER SECTIONAL SIDE ELEVATION

DEPT. SCALE 100

SIGN

DRAWING NO. 0-00-022-76763

SHEET 1 OF 1

REV. 03

03		• BUNKER OUTLET TP REVISED FROM 25500 TO 25140 AS PER FS MAIL DATED 01.08.15	MJ	SK	APAL	16.09.2015	
02		CUSTOMER COMMENTS UPDATED	MJ	SK	APAL	23.06.2015	
01		TITLE BLOCK REVISED	SK	SK	APAL	08.05.2015	
REV.	STATUS	TYPE	REASONS FOR REVISION	DRAWN	CHECKED	APPROVED	DATE

BOILER SECTIONAL SIDE ELEVATION