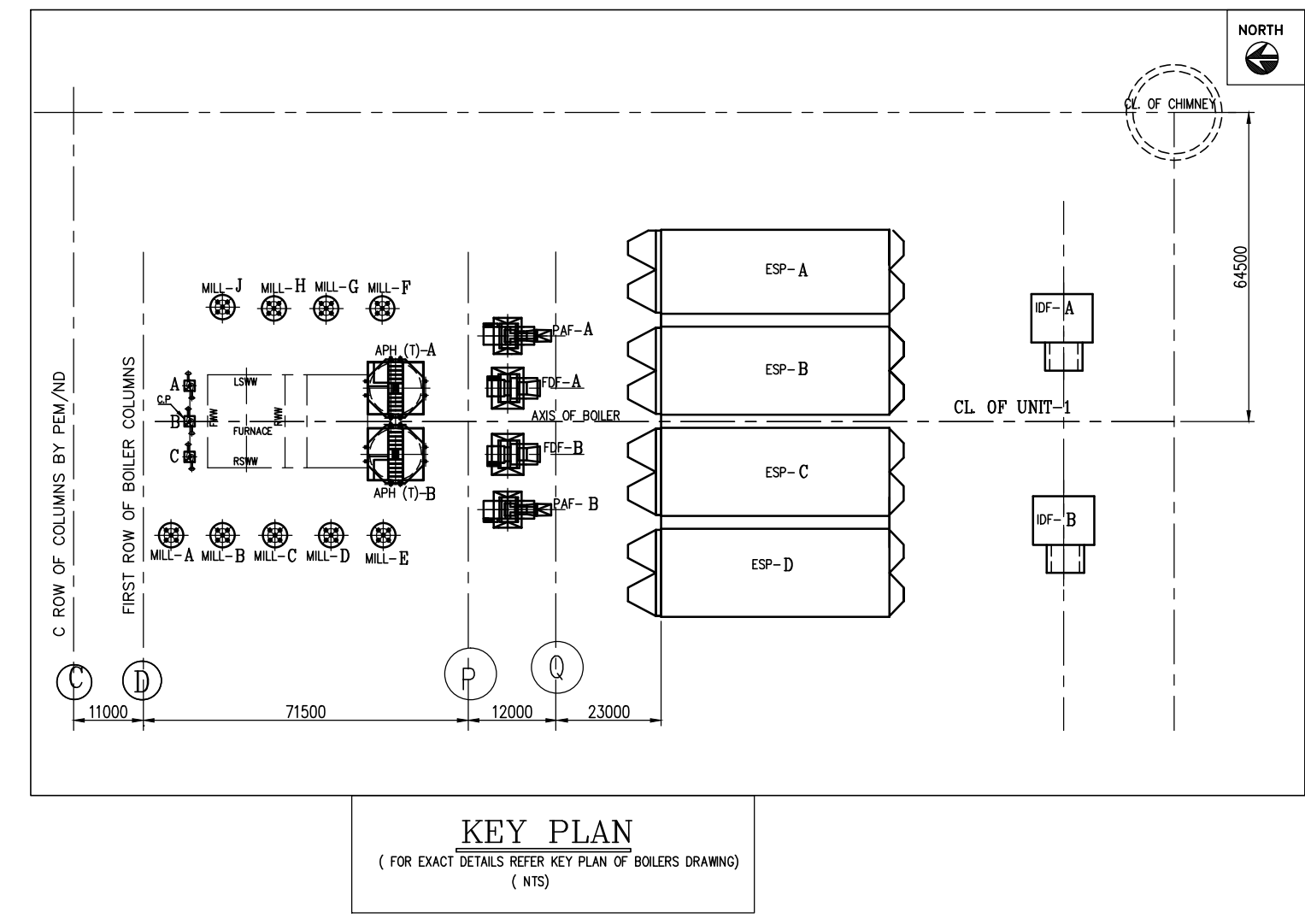
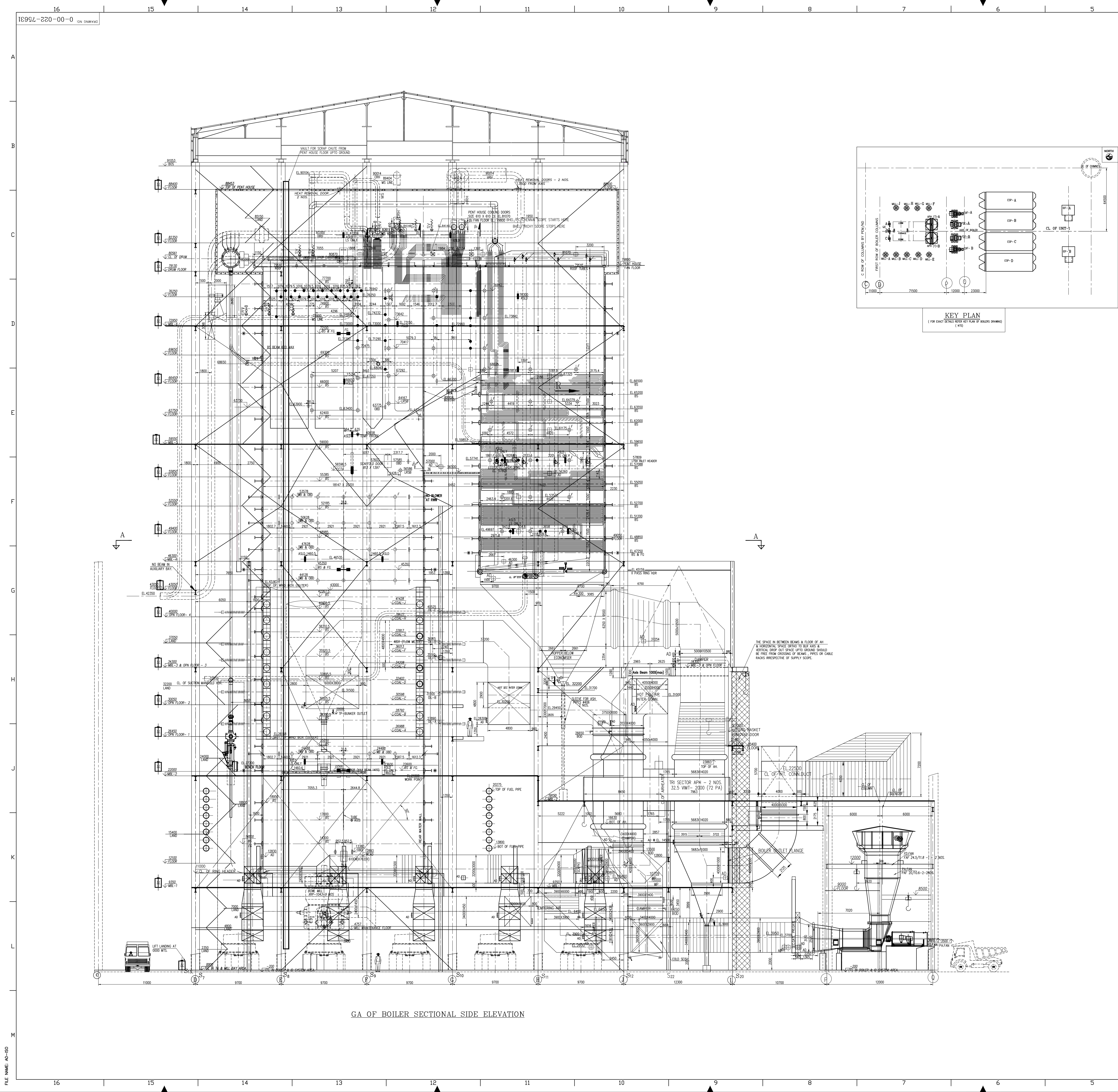




- NOTES:-
1. ALL FURNACE OPENINGS ARE TO BE PROVIDED ON BOTH SIDES, OTHERWISE STATED.
 2. ALL DUCT DIMENSIONS ARE INSIDE SIZES ONLY.
 3. ALL INNER CORNERS OF DUCT TURNING ARE 300 RADIUS ONLY, UNLESS OTHERWISE SPECIFIED.
 4. ALL ELEVATIONS ARE WITH RESPECT TO EL.0.00 M WHICH CORRESPONDS TO R. SALLI M ABOVE MSL.
 5. FFL OF BOILER = (+30.00 M).
 6. FFL OF MSL BAY = 0.00 M.
- REFERENCE DRAWING NUMBERS:-
1. GA OF BOILER SECTIONAL PLAN - 0-00-022-75632
 2. GA OF BOILER FRONT ELEVATION - 0-00-022-75633
 3. KEY PLAN OF BOILER - 0-00-022-75634
 4. LOC. OF FURNACE OPENING AND BUCKSTAYS - 0-00-022-75635
 5. T.P. DETAILS OF HRSG, DRH & FWE - 0-00-022-75636
 6. LAYOUT OF COLD AIR DUCTING (ELEVATION) - 0-00-022-75637
 7. LAYOUT OF COLD AIR DUCTING (PLAN) - 0-00-022-75638
 8. LAYOUT OF HOT AIR DUCTING (ELEVATION) - 0-00-022-75639
 9. LAYOUT OF HOT AIR DUCTING (PLAN) - 0-00-022-75640
 10. LAYOUT OF FLUE GAS DUCTING - 0-00-022-75641
 11. LAYOUT OF LD SYSTEM - ELEVATION - 0-00-022-75642
 12. LAYOUT OF LD SYSTEM - PLAN - 0-00-022-75643
- FLOOR PLAN COORDINATES:-
- FLOOR PLAN AT EL.0.00 - 0-00-022-75641
 - FLOOR PLAN AT EL.0.750 - 0-00-022-75642
 - FLOOR PLAN AT EL.0.750 - 1-00-022-71469
 - FLOOR PLAN AT EL.0.750 - 1-00-022-71476
14. BOILER EQUIPMENT DESIGNATION - 3-00-022-70166
- BOILER PARAMETERS (BMCR)
- MAXIMUM CONTINUOUS RATING - 1950.0 t/a
- PRESSURE OF SUPER HEATED STEAM - 178 kg./sq.cm(G)
- TEMPERATURE OF SUPERHEATED STEAM - 540°C
- STEAM FLOW AT REHEATER OUTLET - 1866.7 t/a
- ENTRY PRESSURE OF REHEATED STEAM - 45.1 kg./sq.cm(G)
- EXIT PRESSURE OF REHEATED STEAM - 3.88 kg./sq.cm(G)
- EXIT PRESSURE OF REHEATED STEAM - 4.46 kg./sq.cm(G)
- EXIT TEMPERATURE OF REHEATED STEAM - 540°C
- FEED WATER INLET TEMPERATURE - 254.0°C
- DESCRIPTION OF UNIT:-
- CONTROLLED CIRCULATION, SINGLE DRUM, RADIANT, DRY BOTTOM, SINGLE REHEAT, PULVERIZED COAL FIRED SEMI OUTDOOR, UTILITY UNIT, BALANCED DRAUGHT, OUT CORNER, 51 mm O.D. TUBES AT 6.5 mm CENTER, WARP AROUND BUCKSTAY SYSTEM, ONE NO. OF EACH 600 MM CAPACITY.
- LEGEND:-
- ALL THE OPENINGS SHOWN ARE APPLICABLE FOR BOTH THE SIDES UNLESS IT IS SPECIFICALLY WRITTEN.
- | | | |
|------|------|--------------------------------|
| ⊕ | LRSB | LONG RETRACTABLE SMOOT BLOWER |
| ⊕ | MBL | MALL BLOWER |
| F | F | FUTURE WALL BLOWER |
| ⊕ | TP | TEMPERATURE PROBE |
| ⊕ | AD | ACCESS DOOR |
| ⊕ | OSD | OBSERVATION DOOR |
| ⊕ | TP | TERMINAL POINT |
| MBL | MBL | MAIN BRACE LEVEL |
| WP | WP | WORK POINT |
| BS | BS | BUCK STAY |
| FG | FG | FURNACE GUIDE AT ANS OF BOILER |
| FG | FG | FURNACE GUIDE |
| F | F | FUTURE LRSB |
| WCAD | WCAD | WATER COOLED ACCESS DOOR |
| LL | LL | LIFT LANDING |

GA OF BOILER SECTIONAL SIDE ELEVATION

CUSTOMER NO: 1614

CUSTOMER	JHABUA POWER LIMITED		
CONSULTANT	FICHTNER INDIA Consulting Engineers (India) Private Limited CHENNAI, MUMBAI, BANGALORE		
JOB NO.	PROJECT		
STATUS	1 X 600MW JPL SEONI PROJECT MADHYA PRADESH		
DISTRIBUTION	BHARAT HEAVY ELECTRICALS LTD HIGH PRESSURE BOILER PLANT UNIT TIRUCHIRAPPALLI-620014.		
TITLE	GENERAL ARRANGEMENT OF BOILER SECTIONAL SIDE ELEVATION		
DEPT. CODE	NAME	SIGN	DATE
DRN	L.SIMON	Sd...	18-08-10
DESIGN	L.SIMON	Sd...	18-08-10
CHKD	R.ARUL	Sd...	19-08-10
APPRD	R.ARUL	Sd...	19-08-10
DEPT. SCALE 1:150	DRAWING NO.	0-00-022-75631	
SIGN	SHEET	1 OF 1	REV 00
DATE	A0 < 841x1189mm >		