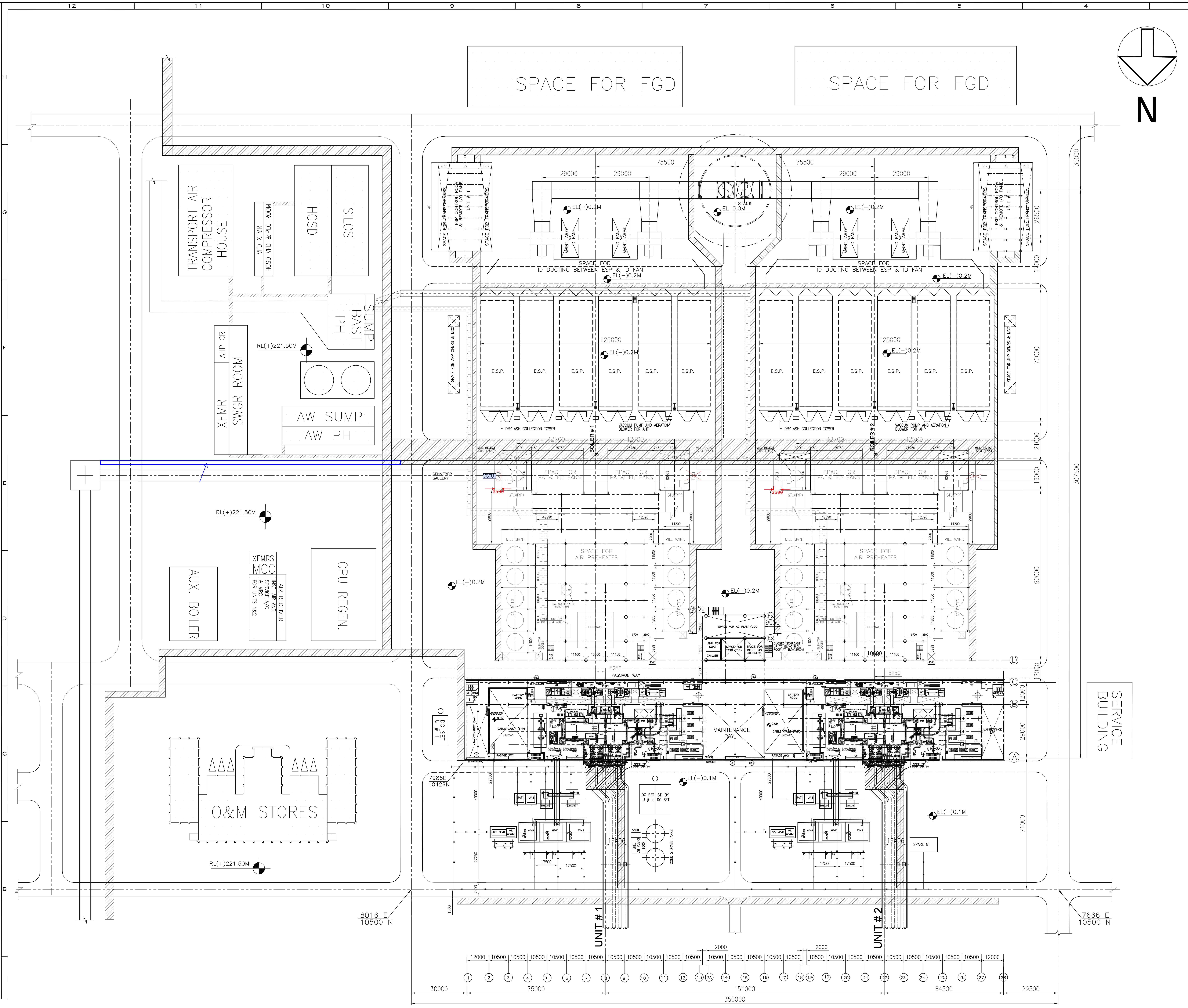

LEGEND

- PIPE HATCH
- VERTICAL BRACING
- FPD — FIRE PROOF DOOR
- GRATING
- CHEQUERED PLATE
- R — REMOVABLE
- HAND RAILING
- PIPE & CABLE TRESTLE
- FIRE BARRIER WALL
- RAIL TRACK

NOTES :

1. ALL DIMENSIONS ARE IN MM'S AND LEVELS ARE IN METRES.
2. ELEVATION 0.00 CORRESPONDS TO RL(+) 222.0M.
3. FIRE BARRIER WALL IS PROVIDED ON A–ROW BETWEEN AXIS NO. 3–7, 17–21.
4. ALL ELEVATIONS INDICATED IN THE DRG ARE w.r.t. T.G. BUILDING GROUND FLOOR ELEVATION AS(±)0.00M.

   i) FINISHED FLOOR OF PAVING SLAB IN BOILER/ESP/ID FAN AREA SHALL BE (−)0.2M.

   ii) FINISHED FLOOR ELEVATION IN MILL BAY AT GROUND LEVEL SHALL BE 0.00M.

   iii) FINISHED FLOOR LEVEL IN X–FMR YARD SHALL BE (−) 0.10M.

   iv) FINISHED FLOOR LEVEL INSIDE CHIMNEY SHALL BE 0.00M.

   v) FINISHED FLOOR LEVEL IN THE VARIOUS BUILDINGS IN MAIN PLANT AREA SHALL BE 0.00M.
7. ALL CABLE SPREADER ROOMS TO BE PROVIDED WITH DRAINAGE ARRANGEMENT.
5. BOTTOM OF STEEL OF PIPE / CABLE RACK IN MILL BAY AREA SHALL BE MINIMUM EL 17.5M.
6. FOR FLY ASH HANDLING EITHER VACUUM PUMPS OR EXTRACTION AIR COMPRESSORS SHALL BE PROVIDED.
7. IN CASE OF VACUUM PUMPS FOR DRY ASH SYSTEM, THESE SHALL BE LOCATED BELOW ESP NEAR IT'S 1ST FIELD AND THE SWGR. ROOM FOR THE SAME SHALL BE CONSTRUCTED ADJACENT TO ESP OF RESPECTIVE UNIT. IN CASE OF EXTRACTION AIR COMPRESSORS, THESE ALONG WITH SWGR. ROOM SHALL BE LOCATED ALONG WITH ASH HANDLING FACILITIES.
8. BRICK WALL REQUIREMENTS :

   i) ALL STAIRCASES AT 'A' ROW & 'C' ROW SHALL BE PROVIDED WITH 230 mm THICK BRICK ENCLOSURE.

   ii) ALL CABLE SPREADER ROOM WALLS.

   iii) WALLS OF SWAS ROOM.

   iv) HT/LT SWITCH GEAR ROOMS, BOILER MCC ROOM.

   v) AIR HANDLING UNITS(AHU).

   vi) OIL EQUIPMENT ROOM .
9. RCC WALL :
   250 mm THK RCC WALL FROM EL 0.0M TO 0.6M FOR LUBE OIL ROOM.
10. D–ROW IS THE FIRST ROW OF BOILER COLUMNS.
11. LOCATION AND SIZES OF TRANSFORMERS AND RAIL LINES FOR WITHDRAWAL OF TRANSFORMERS SHOWN IN TRANSFORMER YARD AREA INDICATIVE ONLY. EXACT LOCATION OF TRANSFORMERS AND RAIL LOCATIONS FOR WITHDRAWAL OF TRANSFORMERS SHALL BE FINALISED AFTER RECEIPT OF STATOR HANDLING PROCEDURE AND TRANSFORMER SIZES.
12. RAIN WATER DOWN COMERS SHALL BE ROUTED WITH IN COLUMN FLANGE ALONG A–ROW IN ELECTRICAL BAY AND GEN. BUS DUCT BAY.
13. NO VERTICAL BRACING IN ELECTRICAL BAY & I.P. BUS DUCT BAY SHALL BE PROVIDED.

FOR FURTHER ENGINEERING PURPOSE

REV.	DESCRIPTION	DRAWN	DESIGN	CHKD.	CLEARED BY						APPD	DATE
0	RELEASED FOR FURTHER ENGINEERING PURPOSE	PA	HS	SM	RD			VC	SKG	SC		19.06 2014
					L/Q	MH	WS	C	C&I			

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NTPC Limited
(A GOVT. OF INDIA ENTERPRISE)
ENGINEERING DIVISION

PROJECT: **DARLIPALLI SUPER THERMAL POWER PROJECT** (2x800MW)

TITLE: **MAIN PLANT LAYOUT PLAN AT EL 0.00M**

SIZE: A0 | SCALE: | DRG.NO. **9549-999-POM-F-001** | REV. 0

cad file name : 9549-999-POM-F-001