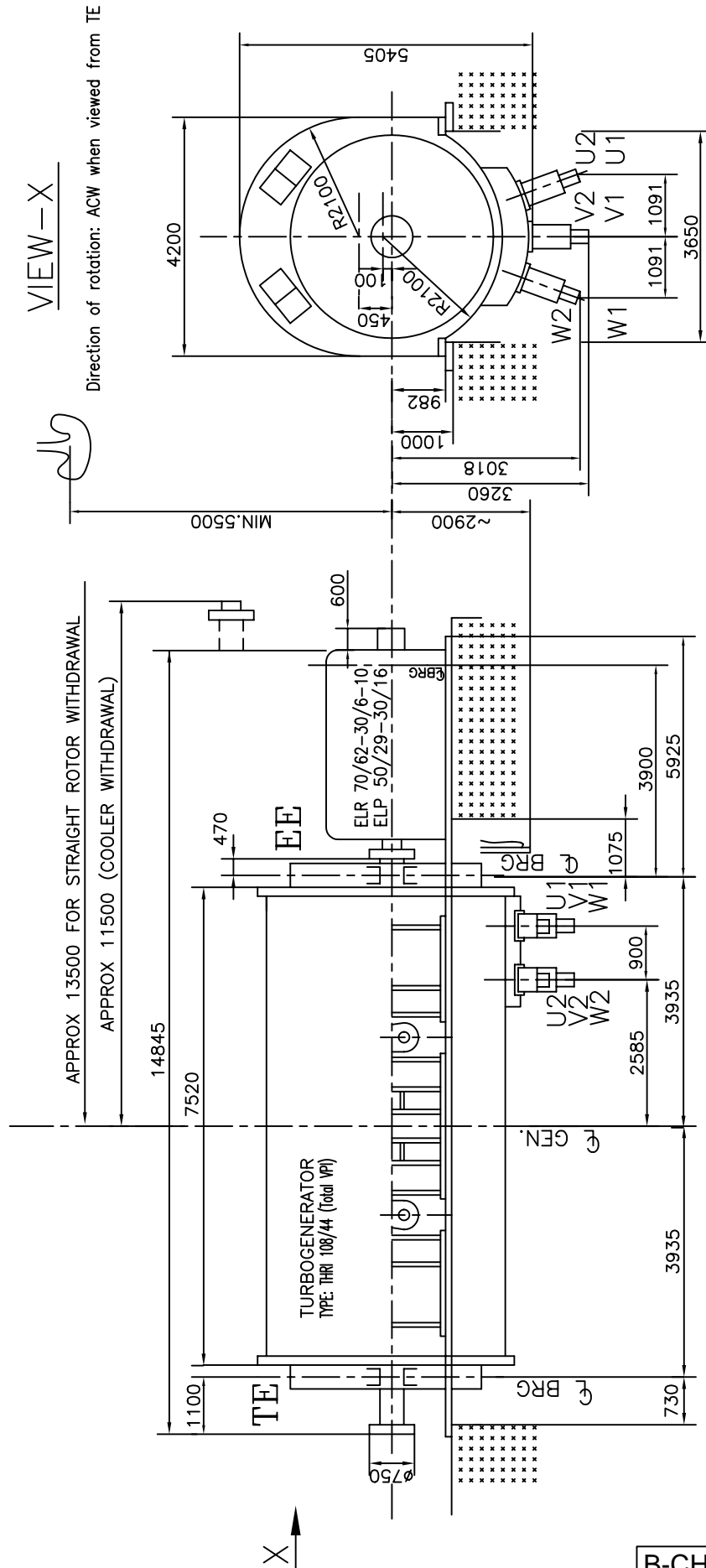


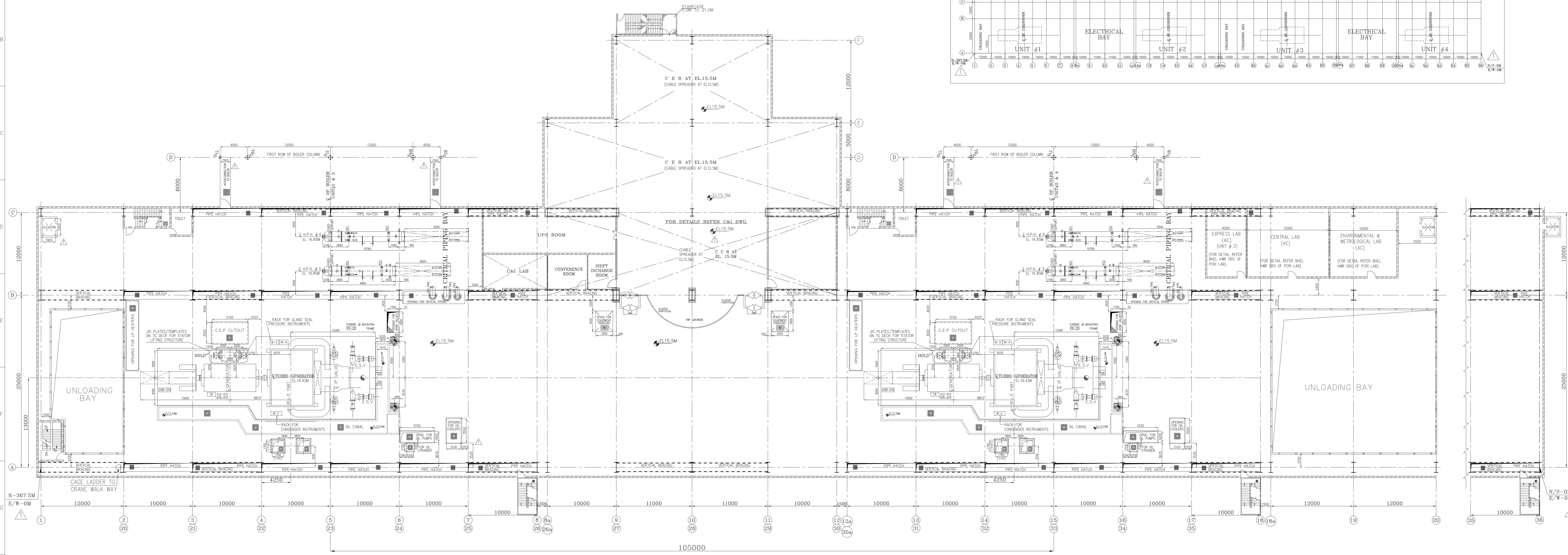
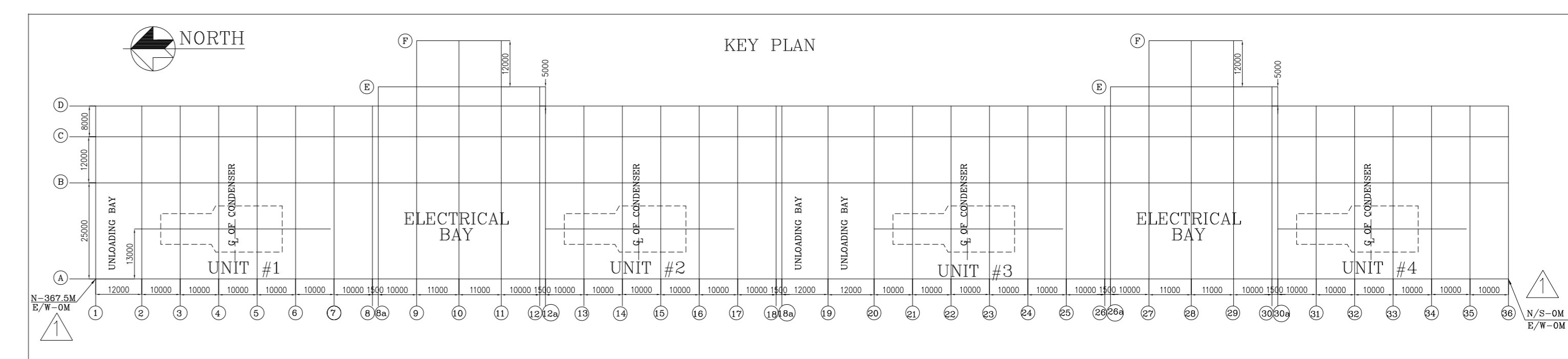
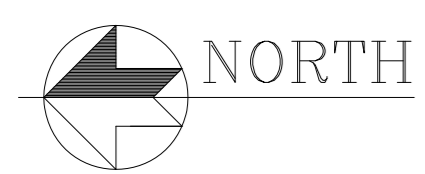
GENERATOR OUTLINE WITH BRUSHLESS EXCITATION SYSTEM



WEIGHT:

STATOR SHIPPING WEIGHT	212.0 Mg
MAX. CRANE LOAD OF STATOR	208.0 Mg
COOLERS	6.0 Mg
COMPLETING ASSEMBLIES	18.0 Mg
STATOR WEIGHT (COMPLETE)	232.0 Mg
ROTOR	43.3 Mg
ACCESSORIES	7.0 Mg
TOTAL WEIGHT OF GENERATOR	282.3 Mg
EXCITER ROTOR	5.5 Mg
EXCITER STATOR	24.9 Mg
EXCITER COMPLETE	30.4 Mg

B-CHTG-50-2Q (THRI 108/44Q-TVPI)



PLAN AT 15.5M

LEGENDS:-

- CHEQUERED PLATE FLOORING
- REMOVABLE CHEQUERED PLATE
- GRATED FLOORING
- REMOVABLE GRATING
- CONCRETE BLOCK
- CUT OUTS
- HAND RAILING
- PARAPET WALL
- GLASS PARTITION
- BRICK WALL

NOTES:-

1. ALL DIMENSIONS ARE IN MM & ELEVATIONS IN METRES UNLESS STATED OTHERWISE.
2. ALL ELEVATIONS ARE REFERRED TO POWER HOUSE FINISHED GROUND FLOOR ELEVATION 0.0M.
3. FOR LOADING OF EQUIPMENTS, RESPECTIVE EQUIPMENT DWG. SHOULD BE REFERRED.
4. FOR TG COLS & FLOOR FRAMING REFER CIVIL DRGS. SEPARATELY.
5. ALL CIVIL DETAILS SUCH AS DOORS/WALLS/GLAZINGS/OPENINGS/TOILETS/STAIRCASES ETC. ARE INDICATIVE ONLY & FOR EXACT DETAILS REFER CIVIL/ARCHITECTURE DRAWINGS.
6. ALL OPENINGS TO BE PROTECTED AT THE TIME OF CONSTRUCTION TO AVOID ANY ACCIDENT.

REFERENCE DRGS:-

1. T.G. HALL EQUIPMENT LAYOUT PLAN AT GROUND (0.0M) FLOOR PE-DG-411-100-M003
2. T.G. HALL EQUIPMENT LAYOUT PLAN AT MEZZANINE (9.0M) FLOOR PE-DG-411-100-M004
3. T.G. HALL EQUIPMENT LAYOUT PLAN AT MISC FLOORS ABOVE OPERATING FLOOR (21.0M/21.8M/27M) IN BC BAY PE-DG-411-100-M006
4. CROSS - SECTION OF T.G. BUILDING PE-DG-411-100-M007
5. LAYDOWN SPACE FOR TURBINE & GENERATOR COMPONENT PE-DG-411-100-M008

CUSTOMER		TELANGANA STATE POWER GENERATION CO. LTD.	
CUSTOMER'S CONSULTANT		DESEIN PRIVATE LIMITED	
JOB No. 411		BHADRADRI TPS, UNITS # 1 TO 4 (4X270 MW), MANUGURU, KHAMMAM DISTRICT	
STATUS CONTRACT			
DISTRIBUTION			
TO	BY	DATE	REVISION
1.	DRG. REVISED CONSIDERING DESEIN COMMENTS VIDE LETTER No. D-0413/VC-20/04/EL(PHM)/127 DTB 03.06.15 & FURTHER COMMUNICATIONS FOR RESOLUTION.		
2.	DRAWING REVISED AS MARKED		
TITLE		T.G. HALL EQUIPMENT LAYOUT PLAN AT OPERATING (15.5M) FLOOR	
MPL	C	MSC	I
MAX	E	DEPT.	SCALE 1:200
DATE	SIGN	DATE	

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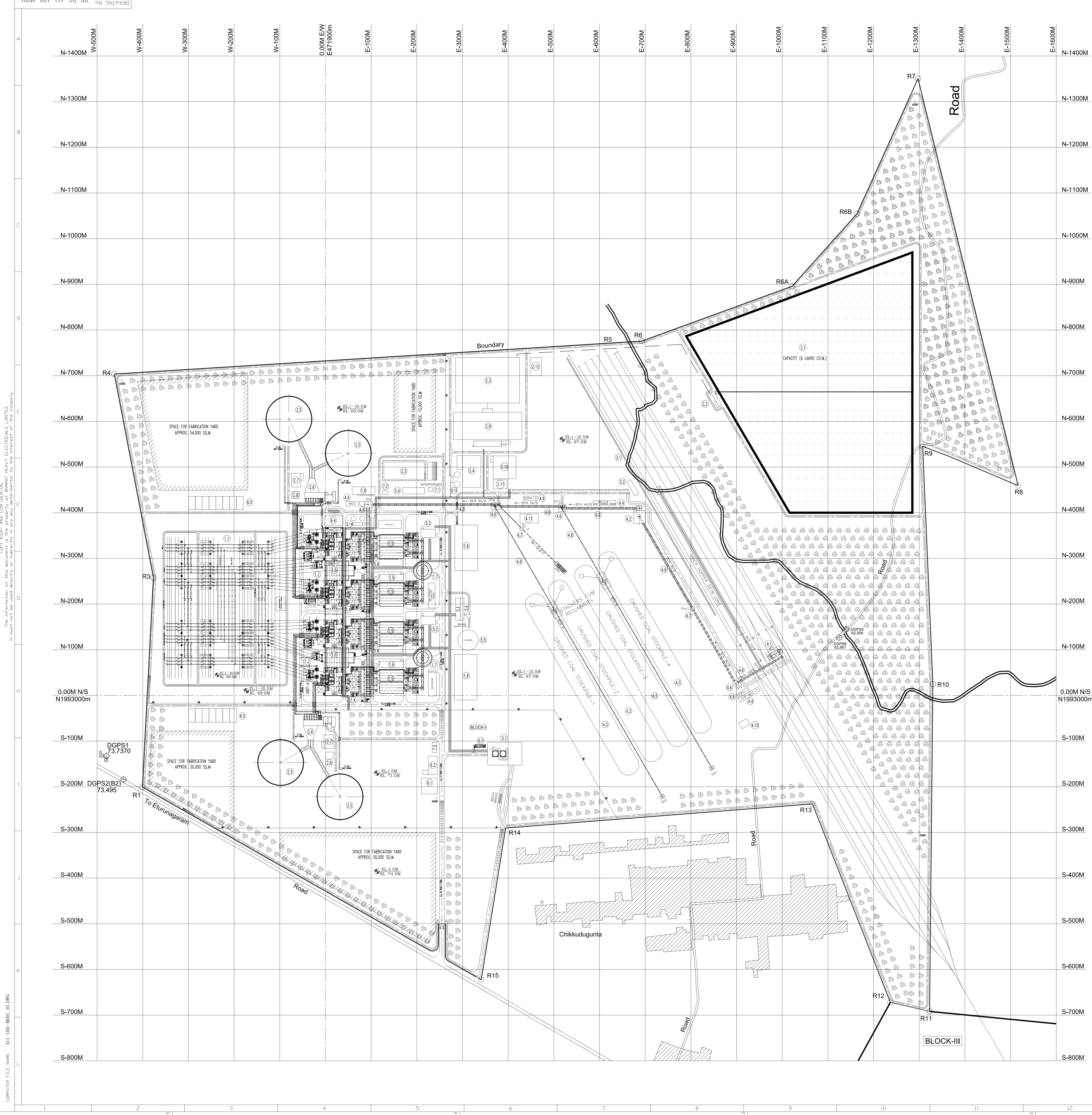
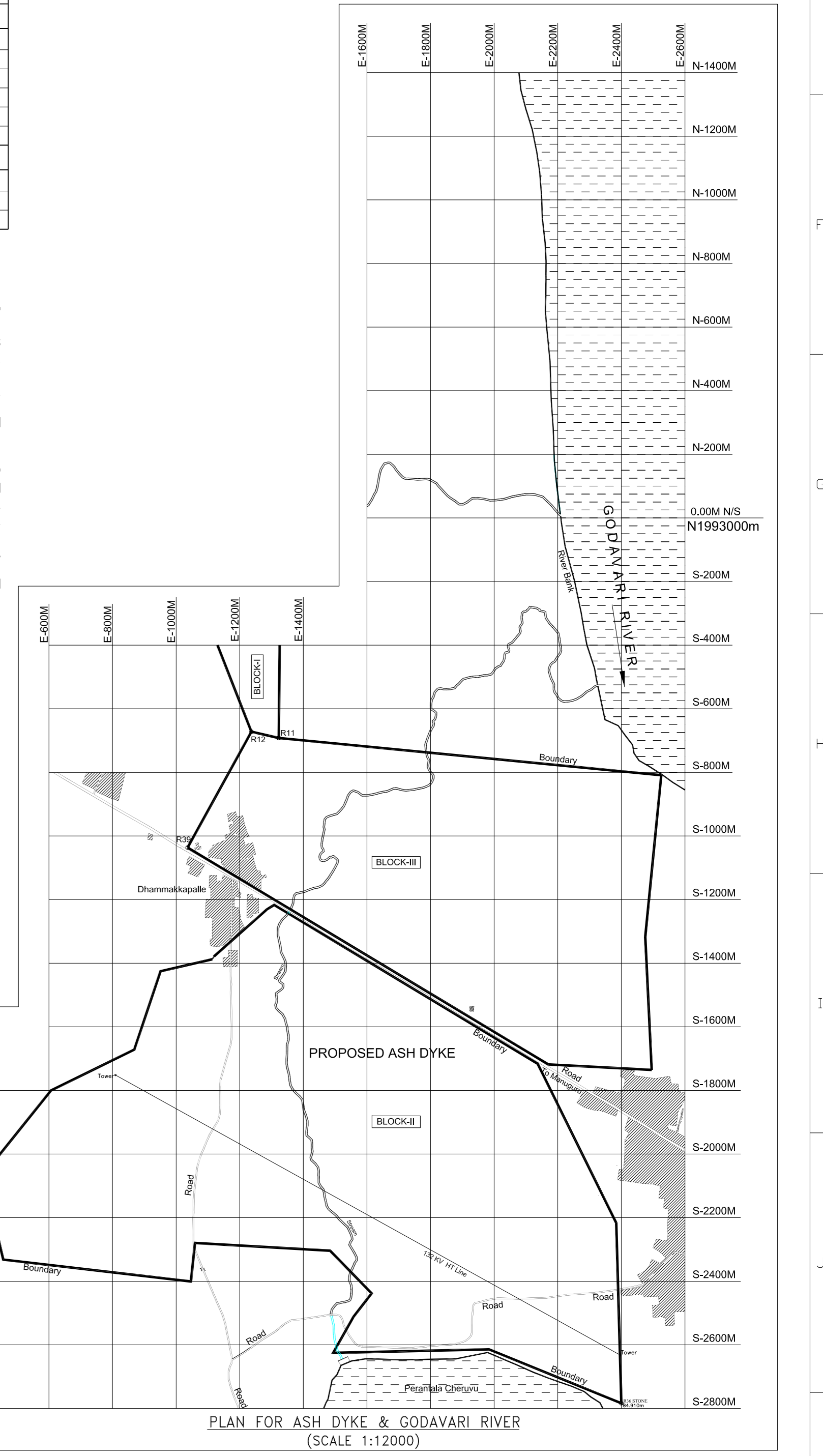
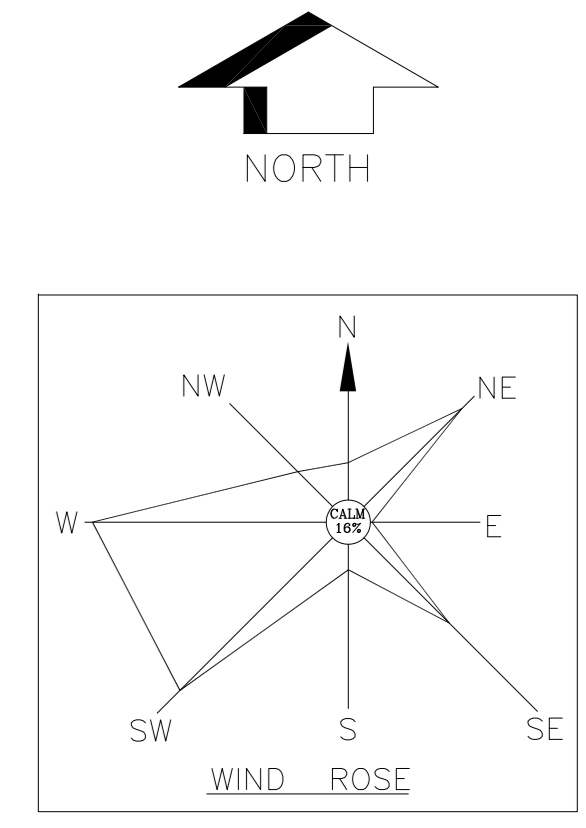


TABLE	
FACILITY / DESCRIPTION OF FACILITIES	
1.0 MAIN PLANT AREA	
1.1 SWITCH YARD	
1.2 TRANSFORMER YARD	
1.3 TURBINE BUILDING	
1.4 BOILER	
1.5 ESP	
1.6 ESP CONTROL ROOM	
1.7 CHIMNEY	
1.8 SPACE FOR FGD	
1.9 1A & 1A COMPRESSOR HOUSE	
1.10 DG SET	
2.0 WATER SYSTEM	
2.1 RAW WATER RESERVOIR	
2.2 RAW WATER PUMP HOUSE	
2.3 PT PLANT	
2.4 DM PLANT	
2.5 NDT	
2.6 CW PUMP HOUSE	
2.7 CW CHLORINATION PLANT FOR CW SYSTEM	
2.8 CW TREATMENT PLANT FOR CW SYSTEM	
2.9 CLARIFIED WATER STORAGE TANK & PUMP HOUSE	
2.10 EFFLUENT TREATMENT PLANT	
2.11 CHEMICAL LAB	
2.12 SEWAGE TREATMENT PLANT	
2.13 DM TANKS & DM TRANSFER PUMPS	
2.14 CONDENSATE STORAGE TANKS AND CONDENSER MAKE UP & BOILER FILL PUMPS	
3.0 FUEL OIL SYSTEM	
3.1 FUEL OIL UNLOADING TRENCH	
3.2 FUEL OIL UNLOADING AND PRESSURISING PUMP HOUSE	
3.3 FUEL OIL STORAGE TANK AREA	
3.4 FUEL OIL FORWARDING PUMP HOUSE	
4.0 COAL HANDLING PLANT	
4.1 RACON TRIPPER	
4.2 CRUSHER HOUSE	
4.3 CRUSHED COAL STOCKPILE	
4.4 CHP CONTROL ROOM	
4.5 STACKER RECLAIMER	
4.6 TRANSFER POINT (TP)	
4.7 PENT HOUSE (PH)	
4.8 COAL BELT CONVEYOR	
4.9 DUST SUPPRESSION PUMP HOUSE	
4.10 COAL PILE RUN OFF POND	
4.11 BULL DOZER SHED	
5.0 ASH HANDLING PLANT	
5.1 FLY ASH SILOS	
5.2 ASH SLURRY PUMP HOUSE	
5.3 ASH WATER TANK	
5.4 ASH WATER PUMP HOUSE	
5.5 AHP CLARIFIER	
5.6 AHP VACUUM CUM COMPRESSOR HOUSE	
5.7 SILO UTILITY BUILDING	
6.0 NON - PLANT BUILDING	
6.1 ADMIN BUILDING	
6.2 CANTINEEN	
6.3 MAIN GATE	
6.4 SERVICE BUILDING	
6.5 STORAGE SHEDS	
7.0 FIRE FIGHTING SYSTEM	
7.1 FDM PUMP HOUSE	
7.2 BOOSTER PUMP HOUSE	
7.3 FIRE STATION	

- NOTES:-**
- ALL DIMENSIONS AND CO-ORDINATES ARE IN METER UNLESS NOTED OTHERWISE.
 - THE FINISHED FLOOR LEVEL (FFL) OF POWER HOUSE BUILDING GROUND FLOOR IS EL. 0.00M WHICH CORRESPONDS TO RL 69.5M I.E. 0.5M ABOVE F.F.L.
 - BOILER AREA FINISHED FLOOR LEVEL IS 200MM BELOW 0.0M I.E. RL 69.3M.
 - TRANSFORMER YARD FINISHED FLOOR LEVEL IS 100MM BELOW 0.0M I.E. RL 69.4M.
 - THE PIPE RACK SHOWN IS INDICATIVE ONLY.
 - ASH DYKE LOCATION IN BLOCK-II & RAILWAY MARSHALLING YARD (CUSTOMER SCOPE) ARE CONSIDERED AS PER DESEIN PLOT PLAN 111-29-0200 'R1' DT. 31.12.14. RECD. VIDE MAIL DTD. 09.01.15. RAILWAY MARSHALLING YARD WILL BE UPDATED AS PER THE DRGS. FURNISHED BY CUSTOMER.
 - BOUNDARY WALL AND DIVERSION OF EXISTING ROADS, NALLAHS, WATER STREAMS & CANALS ARE IN CUSTOMER SCOPE. RIVER WATER INTAKE UPTO IN-PLANT WATER RESERVOIR IS IN CUSTOMER SCOPE.
 - GREEN BELT (CUSTOMER SCOPE) IS SHOWN INDICATIVELY.

- LEGENDS:**
- AREA BOUNDARY
 - ROAD
 - RIVER, STREAM
 - DGPS POINT WITH MSL LEVEL
 - VILLAGE
 - PIPE/CABLE RACK
 - GREEN BELT



CUSTOMER		TELANGANA STATE POWER GENERATION CO. LTD.	
CUSTOMER'S CONSULTANT		DESEIN PRIVATE LIMITED	
JOB No.	411	BHADRADRI TPS, UNITS # 1 TO 4 (4X270 MW), MANUGURU, KHAMMAM DISTRICT	
STATUS	CONTRACT		
DISTRIBUTION			
REV	DATE	ALTD	CHD
01	21.05.2015		
REV	DATE	ALTD	CHD
01	21.05.2015		
TITLE		PLOT PLAN	
SCALE: 3000		DRAWING No. PE-DG-411-100-M001	
SHEET 1 OF 1		REV 01	

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