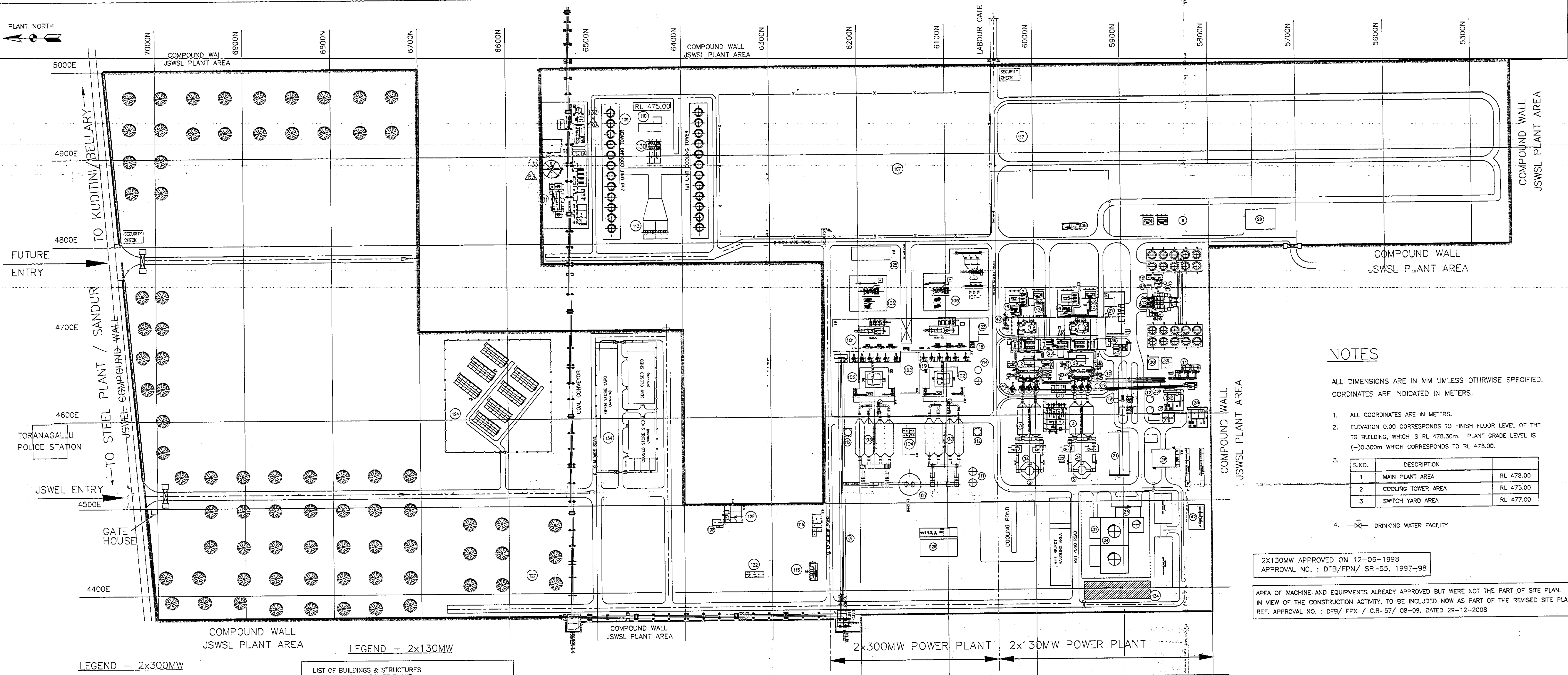




ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
COORDINATES ARE INDICATED IN METERS.

1. ALL COORDINATES ARE IN METERS.
2. ELEVATION 0.00 CORRESPONDS TO FINISH FLOOR LEVEL OF THE TG BUILDING, WHICH IS RL 479.30m. PLANT GRADE LEVEL IS (-)0.300m WHICH CORRESPONDS TO RL 479.00.
3.

S.NO.	DESCRIPTION	
1	MAIN PLANT AREA	RL 478.00
2	COOLING TOWER AREA	RL 475.00
3	SWITCH YARD AREA	RL 477.00
4. ~~DR~~ DRINKING WATER FACILITY

2X130MW APPROVED ON 12-06-1998
APPROVAL NO. : DFB/FPN/ SR-55, 1997-98

AREA OF MACHINE AND EQUIPMENTS ALREADY APPROVED BUT WERE NOT THE PART OF SITE PLAN.
IN VIEW OF THE CONSTRUCTION ACTIVITY, TO BE INCLUDED NOW AS PART OF THE REVISED SITE PLAN
REF. APPROVAL NO. : DFB/ FPN / C.R-57/ 08-09, DATED 29-12-2008

LIST OF BUILDINGS & STRUCTURES FOR 2x300MW POWER PLANT		
NO.	DESCRIPTION	SIZES
101	TURBINE GENERATOR (2Nos)	2 (72.75m x 37m)
102	BOILERS (2Nos)	2 (18m x 20m)
103	ELECTRO STATIC PRECIPITATOR (2Nos)	2 (43m x 34m)
104	E.S.P. ELECTRICAL CONTROL ROOM	21.5m x 15m
105	CHIMNEY	27m Dia.
106	TRANSFORMER YARD	2 (40m x 30M)
107	400 kV SWITCH YARD	250m x 200m
108	OCCUPATIONAL HEALTH CENTER (FIRST AID)	12m x 10m
109	INDUCED DRAFT COOLING TOWER -1 & 2	150m x 18m
110	C W TREATMENT PLANT	15m x 15m
111	FLY ASH STORAGE SILOS (2Nos)	10m Dia.
112	BOTTOM ASH STORAGE SLO (2Nos)	9m dia
113	C.W PUMP HOUSE	15m x 50m
114	CONDENSATE STORAGE TANK (2Nos)	10m Dia.
115	TOILET BUILDING FOR LABOURS	10m x 3M
116	CANTEN BUILDING FOR LABOURS	25m x 10m
117	220 kV SWITCH YARD	30m x 150m
118	TURBINE BUILDING ELEVATOR (21M HEIGHT)	6m x 4m
119	BOILER ELEVATOR (64M HEIGHT)	6m x 4m
120	CONTROL BUILDING	40m x 20m
122	REST ROOM FOR LABOURS	20m x 5m
123	DG HOUSE	12m x 18m
124	STORAGE SHEDS	30m x 12m
125	SWITCH YARD CONTROL ROOM	25m x 17m
126	FIRE PUMP HOUSE	32m x 7.5m
127	GREEN BELT	
128	COAL CONVEYOR	300m x 6m
129	OFFICE BLOCK	20m x 20m
130	FIRE PUMP HOUSE FOR COAL HANDLING PLANT	25m x 12m
131	MCC ROOM FOR COAL HANDLING PLANT	40m x 14m
132	ELECTROCHLORINATION "PLANT"	20m x 12m
133	RO PLANT	115m x 50m
134	STORAGE SHED (5MM CLOSED/CLOSED)	60m x 30m x 2
		75m x 20m x 1

LIST OF BUILDINGS & STRUCTURES FOR 2x130MW POWER PLANT		
NO.	DESCRIPTION	
1	TURBINE GENERATOR BUILDING 1 & 2	2(50x30M)
2	BOILER- 1 & 2	2(10x10M)
3	ELECTRO STATIC PRECIPITATOR 1 & 2	2(30x30M)
4	E.S.P. ELECTRICAL CONTROL ROOM	2x20x20
5	CHIMNEY 15M HEIGHT- 1 & 2	10M DIA.
6	UNIT AUX. TRANSFORMER (1+1No)	4x6x6
7	GENERATOR TRANSFORMER (1+1No)	7x6x6
8	STATION TRANSFORMERS (1+1No)	6x6x6
9	STATION TRANSFORMERS #3 & 4	25x17M
10	COREX GAS DUCT	
11	COREX GAS BLOWER AREA	20x15V
12	DW STORAGE TANK 8M DIA.	2Nos
13	AIR WASHER 1 & 2	20x12M
14	COOLING TOWER 1 & 2	60x25M
15	DRG. WRECK PUMP HOUSE	20x15M
16	CONDENSATION PLANT	15x10M
17	FLY ASH STORAGE SLO 6W DIA.	1+1No
18	BOTTOM ASH STORAGE 8W DIA.	1No
19	COAL DUST SLO	
20	ELEVATOR FOR BOILER 47M HEIGHT	5x4M
21	STATION SETTLING BASIN	40x20M
22	COMPRESSOR HOUSE	12x7.5M
23	FIRE WATER PUMP HOUSE	25x15M
24	FUEL OIL STORAGE TANK 10M+10M & 8M DIA	1+1+1No
25	FUEL OIL UNLOADING FACILITIES	25x12M
26	WARE HOUSE (2 Closed+1 SemiClosed+35x20M)(50x20M)(25x20M)	
27	SERVICE BUILDING (CANTEN & WORK SHOP)	45x20M
28	DES. DES. DRAW	6x5M
29	SWITCH YARD CONTROL ROOM	30x25M
30	FIRE PUMP HOUSE	25x15M
31	BOTTOM ASH SLUMP	15x12M
32	WATER TREATMENT AREA & ELE. CONTROL ROOM	12x10M
33	REGENERATION WASTE NEUTRALIZATION PIT	16x7M
34	STACK MONITORING INSTRUMENT BUILDING	7x5M
35	COAL CONVEYOR	
36	ELEVATOR FOR T.G. BUILDING 22M HEIGHT	5x4M
37	FUEL OIL PUMPING FACILITIES	10x3M
38	LABOUR TOILET	20x25M
39	2x300MW WATER TREATMENT PLANT	12.5x6.5M
40	COMPRESSOR SHED	10x10M
41	COAL MILL	20x10M
42	GAS CYLINDER STORAGE SHED	20x10M
43	ACID STORAGE TANK	3x3M
44	SIDE STEPMAN FILTER	6x3M

- 1) 2x130MW TOTAL INSTALLED LOAD = 40268KW (54000HP)
- 2) 2x300MW TOTAL INSTALLED LOAD = 57866 KW (77600HP)
- 3) NEWLY INSTALLED LOADS = 318 KW (42.5HP)

SCALE - 1:2000

