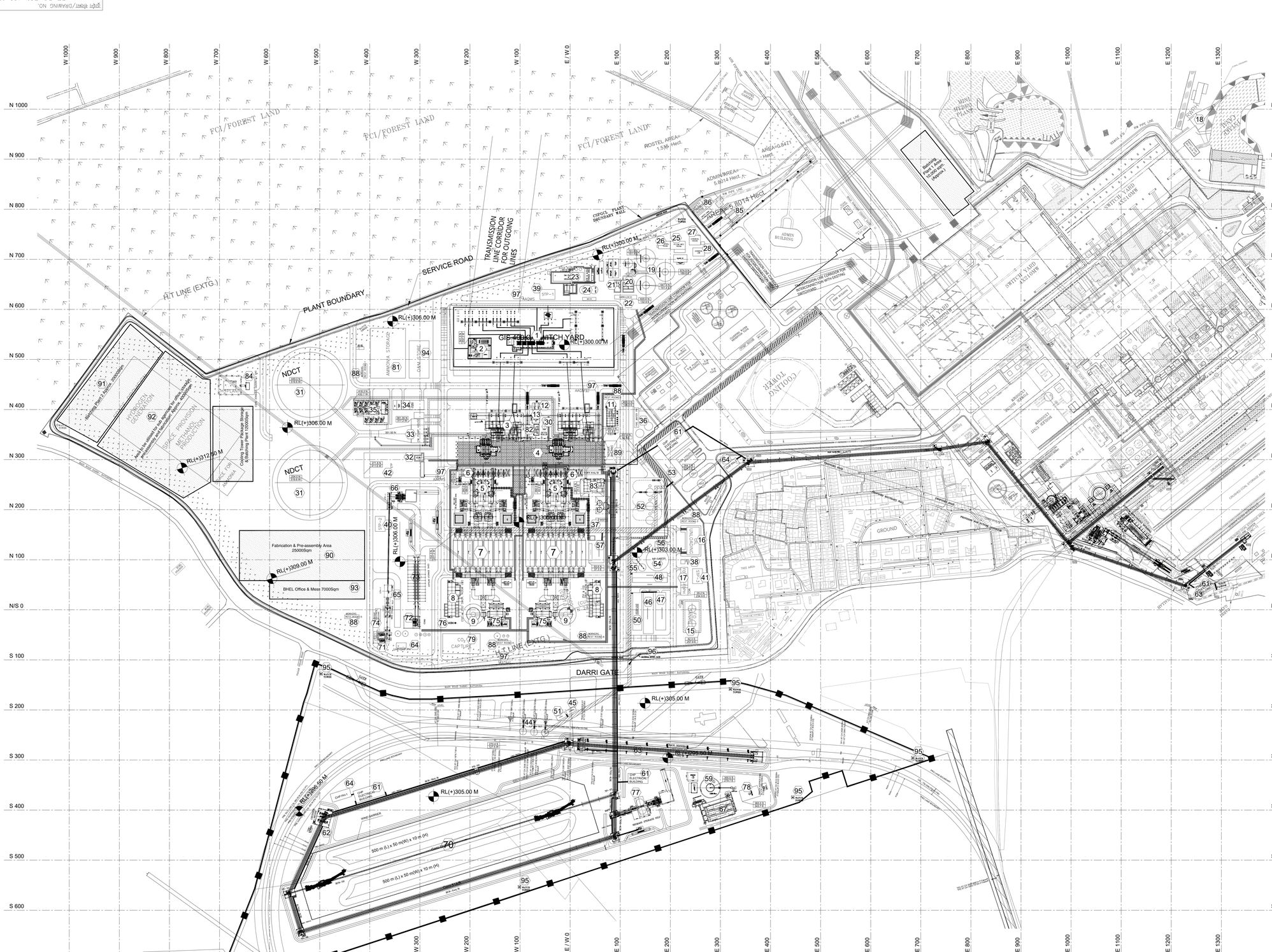
फर्स्ट एंगल प्रोजेक्शन/FIRST ANGLE PROJECTION

सभी माप मि. मी. मे है/ALL DIMENSIONS ARE IN MM

प्रपत्र संख्या/DRAWING NO. PE-DG-P87-100-M001



LIST OF BUILDING/EQUIPMENT SHOWN

NO	DESCRIPTION
1	MAIN PLANT – SWITCHYARD
2	MAIN PLANT – SWITCHYARD CONTROL ROOM
3	MAIN PLANT – TRANSFORMER YARD
4	MAIN PLANT – POWER HOUSE BUILDING
5	MAIN PLANT – BOILERS
6	MAIN PLANT – MILL BAY
7	MAIN PLANT – ELECTROSTATIC PRECIPITATOR
8	MAIN PLANT – ESP CUM FGD CONTROL ROOM (2 Nos.)
9	MAIN PLANT – CHIMNEY (2 Nos.)
10	MAIN PLANT – COAL STOCK YARD
11	MAIN PLANT – COMPRESSOR HOUSE
12	MAIN PLANT – DG SET (2 NOS.)
13	MAIN PLANT – VFD ROOM
14	DELETED
15	F/O TANK
16	F/O UNLOADING
17	F/O PUMP HOUSE INCLUDING MCC
18	RAW WATER PUMP HOUSE & MCC
19	WTP – PT PLANT
20	WTP – CLARIFIED WATER TANK
21	WTP – SERVICE WATER TANK
22	WTP – CLARIFIED & SERVICE WATER P/H
23	WTP – D/M PLANT(RO/CONVENTIONAL)
24	WTP – D.M. WATER TANKS & PUMP HOUSE
25	WTP – PT/DM MCC ROOM
26	WTP – CONTROL ROOM
27	WTP – CHEMICAL HOUSE
28	WTP – CHEMICAL LAB
29	DELETED
30	CONDENSATE STORAGE TANK & PUMP HOUSE
31	CW – NATURAL DRAFT COOLING TOWERS (2NOS.)
32	CW TREATMENT
33	CW PUMP HOUSE
34	CLO2 SYSTEM (PT & CW)
35	SIDE STREAM FILTRATION PLANT
36	FIRE FIGHTING – FIRE WATER TANKS & PUMP HOUSE
37	FIRE FIGHTING – FIRE WATER BOOSTER PUMP HOUSE
38	FIRE FIGHTING – FOAM PUMP HOUSE
39	STP – SEWAGE TREATMENT PLANT 1
40	STP – SEWAGE TREATMENT PLANT 2
41	STP – SEWAGE TREATMENT PLANT 3
42	ETP – EFFLUENT TREATMENT PLANT
43	DELETED
44	AHP – FLY ASH SILO / ASH DESPATCH AREA
45	AHP – FLY ASH UTILITY BUILDING
46	AHP – TRANSPORT AIR COMPRESSOR HOUSE
47	AHP – CONNVEYING AIR COMPRESSOR HOUSE
48	AHP – ASH WATER PUMP HOUSE & SUMP
49	DELETED
50	AHP – MCC–1 CUM CONTROL ROOM
51	AHP – MCC–2
52	AHP – HCSD SILO CUM UTILITY BUILDING
53	AHP – HCSD PUMP HOUSE
54	AHP – CLARIFIER
55	AHP – SETTLING AND SURGE TANK
56	AHP – CHEMICAL HOUSE
57	AHP – ASH SLURRY SUMP & DISPOSAL PUMP HOUSE
58	DELETED
59	CHP – WTP
60	DELETED
61	CHP MCC CUM CONTROL ROOM
62	CHP CRUSHER HOUSE
63	CHP TRACK HOPPER
64	CHP PUMP HOUSE
65	LHP–LIMESTONE CRUSHER HOUSE
66	LHP–BRU
67	CSSP – COAL SLURRY SETTLING POND
68	DELETED
69	DELETED
70	CHP COAL STOCK YARD
71	LHP– INTEGRATED BALL MILL BUILDING & DAY SILO
72	GHP–GYPSUM DEWATERING BUILDING
73	GHP–GYPSUM STORAGE SHED
74	LHP GHP MCC (COMMON FGD)
75	FGD– ABSORBER
76	FGD– DG SET
77	BIOMASS STORAGE SILO
78	CHEMICAL DOSING & STORAGE AREA
79	CO2 CAPTURE
80	*DELETED*
81	AMMONIA STORAGE AREA
82	CENTRAL LUBE OIL BUILDING
83	CPU REGENERATION AREA
84	GAS CYLINDER STORAGE SHED
85	MISC. – MAIN GATE COMPLEX & CISF BUILDING
86	MISC. – SAFETY CONTROL ROOM
87	DELETED
88	MISC. – WORKERS REST ROOMS (6 Nos.)
89	MISC. – SERVICE BUILDING
90	MISC. – PRE–ASSEMBLY, FABRICATION & STORAGE YARD
91	MISC. – SPACE FOR BATCHING PLANT
92	MISC. – CONSTRUCTION STORE COVERED & OPEN
93	MISC. – CONSTRUCTION OFFICE
94	MISC. – O&M STORE
95	MISC. – WATCH TOWERS (6 NOS.)
96	MISC. – MATERIAL ENTRY GATE
97	ARQMS – 04 NOS.

REFERENCE DRG:

SL. No.	TITLE	DRG. NUMBER	SCOPE
1	GENERAL LAYOUT PLAN – CUSTOMER	11255–999–POC–F–001	PEM
2	TRANSFORMER YARD LAYOUT	..	PEM
3	LAYOUT OF ESP CUM FGD CONTROL ROOM	..	PEM
4	KEY PLAN OF BOILER	..	TRY
5	GEN. ARRG'T OF ID SYSTEM	..	TRY

LEGEND:

1. ROADS (DOUBLE LINE) . . . . . .
2. ROADS (SINGLE LINE) . . . . . .
2. BOUNDARY WALL . . . . . .
3. WATCH TOWER . . . . . .

NOTES:–

1. ALL DIMENSIONS ARE & ELEVATIONS IN METERS UNLESS STATED OTHERWISE.
2. FINISH FLOOR LEVEL = RL (+)305.50 M. CORRESPONDS TO PLANT EL 0.0M (GROUND FLOOR OF TG BUILDING) FFL IN BOILER AREA SHALL BE RL (+)305.30M AND FFL IN TRANSFORMER YARD SHALL BE RL (+)305.40M.
3. BOILER AREA, ESP AREA & FGD LAYOUT IS SHOWN INDICATIVE ONLY FOR SPACE ALLOCATION PURPOSE. FOR DETAILS, PL. REFER RESPECTIVE DRAWING OF BHEL TRICHY & RANIPET.
4. LOCATION/SIZE/LAYOUT OF VARIOUS FACILITIES/BUILDINGS ARE TENTATIVE ONLY AND SHALL BE FINALISED DURING FURTHER DETAIL ENGINEERING.

NOTE:– SCAN QR CODE FOR CHECKING THE LATEST REV. STATUS OF DRAWING.

कार्य संख्या:– JOB NO. 530

स्थिति STATUS CONTRACT

मुद्रण स्केल मीटर में PRINT SCALE IN METRE 0 20 40 50

ग्राहक ड्राईंग संख्या CUSTOMER DRAWING NO. – – – – – – –

ग्राहक/CUSTOMER छत्तीसगढ़ राज्य विद्युत उत्पादन कंपनी लिमिटेड

परामर्शदाता/CONSULTANT: एन टी पी सी लिमिटेड N T P C LIMITED

परियोजना PROJECT 2 x 660 MW सुपर क्रिटिकल थर्मल पावर प्रोजेक्ट, एचटीपीएस, कोरबा पश्चिम, ईपीसी
2 X 660 MW SUPER CRITICAL THERMAL POWER PROJECT, HTPS, KORBA WEST, EPC

भारत हेवी इलेक्ट्रिकल्स लिमिटेड
BHARAT HEAVY ELECTRICALS LTD
पावर सेक्टर/POWER SECTOR
परियोजना अभियांत्रिकी प्रबंधन
PROJECT ENGINEERING MANAGEMENT
नोएडा (उ.प्र.)/NOIDA (U.P.)

DEPT CODE M

		नाम NAME	हस्ताक्षर SIGNATURE	दिनांक DATE
तैयारकर्ता/DRN		VKS/BS		01.05.2025
डिजाइनकर्ता/DESN		US		01.05.2025
जांचकर्ता/CHD		CSF		01.05.2025
अनुमोदनकर्ता/APPD		BKA		01.05.2025

शीर्षक/TITLE

PLOT PLAN
(GENERAL LAYOUT OF PLANT)

एमपीएल MPL	सिविल CIVIL	इलेक्ट्रिकल ELEC	एसएनडी/एक्सएनएस S&CE	वीएसई WSE	मैक्स MAX	विभाग DEPT.	स्केल SCALE – 1:275
						हस्ताक्षर SIGN	
						दिनांक DATE	

ड्राईंग संख्या / DRAWING NO. PE–DG–530–100–M001

शीट SHEET 1 OF 1 पुनरीक्षण REV. 00

फॉर्मेट साइज़ A0
FORMAT SIZE A0

ELECTRONIC FILE NAME : PE–DG–530–100–M001_R0.dwg

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