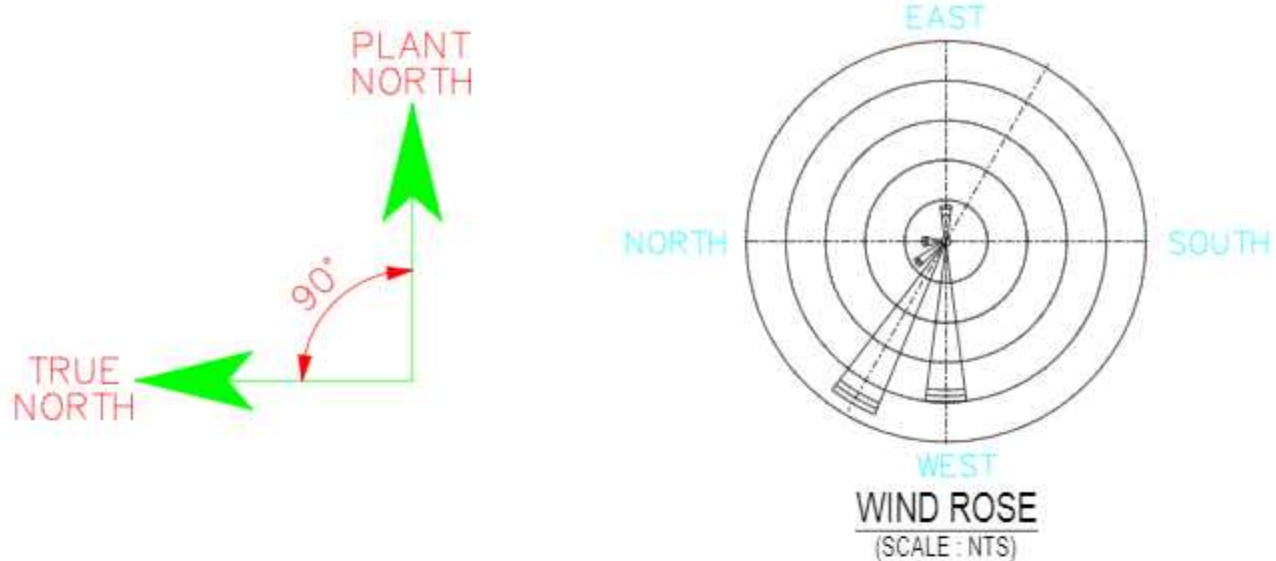




LEGEND FOR UNIT #3

ITEM No.	ITEM DESCRIPTION
024N	400 KV GIS SWITCHYARD
03N	SWITCH YARD CONTROL ROOM
07N	SLUDGE THICKNER
08N	DM PLANT AND CPU REGENERATION WITH ELECTRICAL & CONTROL ROOM
08N	WATER TREATMENT PLANT
10N	CLARIFIED WATER PUMP HOUSE
11N	CLARIFIED WATER STORAGE TANK
12N	COMPRESSOR HOUSE WITH ELECTRICAL ROOM
13N	CONDENSATE STORAGE TANK & PUMP
15N	COOLING WATER PUMP HOUSE WITH ELECTRICAL ROOM
16N	COOLING TOWER
17N	SIDE STREAM FILTER
18N	CW CHLORINATION BUILDING WITH ELECTRICAL ROOM
19N	CW TREATMENT BUILDING
20N	TRANSFORMER YARD
22N	EMERGENCY DIESEL GENERATOR BUILDING
24N	TURBINE GENERATOR BUILDING
25N	CONTROL BUILDING(A.C. PLANT
27N	BOILER
30N	BUNKER MCC ROOM
31N	ASH HANDLING PLANT MAIN ELECTRICAL AND CONTROL BUILDING
32N	ELECTROSTATIC PRECIPITATOR
33N	ASH SLURRY PUMP HOUSE
34N	ASH SLURRY PUMP HOUSE ELECTRICAL ROOM
35N	ESP CUM FGD CONTROL ROOM
36N	FA CONVEYING AIR COMPRESSOR HOUSE
37N	ASH WATER PUMP HOUSE
38N	CHIMNEY
39N	FGD SYSTEM
40N	LIME HANDLING SYSTEM
41N	PT CHLORINATION AND PT CHEMICAL HOUSE
42N	GYPSUM STORAGE AREA WITH ELECTRICAL ROOM
44N	AMMONIA STORAGE AREA
46N	RAW WATER PUMP HOUSE WITH ELECTRICAL ROOM
50N	RAW WATER RESERVOIR
55N	ASH SLO
66N	COOLING TOWER AREA ELECTRICAL ROOM
	NEW

- Notes of CLP:
- All coordinates are in meter.
 - EL(±) 0.00M correspondences to RL(+) 64.5M which is finished floor level (F.F.L.) of main powerhouse (MPH) ground floor. FGL is EL(-) 0.5M i.e. RL(+) 64.0M
 - All dimension are indicate only.
 - FGL for CHP area is RL 63.00M.
 - This drawing is prepared based on the General Layout Plan (Drg no. 8015-001-300-PVM-F-001) Rev 03.
 - 2 Nos. 11KV BUS DUCTS ARE PROPOSED FROM NEW STAION SWGR OF UNIT#3 TO EXISTING STATION SWGR OF UNIT#1.
 - A FUTURE PROVISION FOR 400KV BUS REACTOR HAS BEEN KEPT & SHOWN NEAR 400KV GIS BUILDING.
 - CONNECTIVITY OF EXISTING RAIL GAUGE OF STAGE-1 HAS BEEN SHOWN UP TO PROPOSED GT AREA OF NEW UNIT.

LEGEND FOR UNIT #1 & 2

ITEM No.	ITEM DESCRIPTION	ITEM No.	ITEM DESCRIPTION
01	GATE COMPLEX	36	FA CONVEYING AIR COMPRESSOR HOUSE
02A	400 KV GIS SWITCHYARD	37	ASH WATER PUMP HOUSE
03N	220 KV GIS SWITCHYARD	38	CHIMNEY
03	SWITCH YARD CONTROL ROOM	39	FGD SYSTEM
04	MATERIAL GATE	40	LIME HANDLING SYSTEM
04A	SECURITY CABIN FOR MATERIAL GATE	41	PT CHLORINATION AND PT CHEMICAL HOUSE
05	WEIGH BRIDGE	42	GYPSUM STORAGE AREA WITH ELECTRICAL ROOM
06	ESP CUM FGD CONTROL BUILDING UNIT#2	43	CLARIFIER FOR ASH WATER SYSTEM
07	SLUDGE THICKNER	44	AMMONIA STORAGE AREA
08	DM PLANT AND CPU REGENERATION WITH ELECTRICAL & CONTROL ROOM	45	FUEL OIL TANK FARM AREA
09	WATER TREATMENT PLANT	46	FUEL OIL UNLOADING CUM PRESSURIZING PUMP HOUSE WITH ELECTRICAL ROOM
10	CLARIFIED WATER AND FIRE WATER PUMP	47	FOAM PUMP HOUSE
11	CLARIFIED WATER AND FIRE WATER STORAGE TANK	48	NOT USED
12	COMPRESSOR HOUSE WITH ELECTRICAL ROOM	49	RAW WATER PUMP HOUSE WITH ELECTRICAL ROOM
13	CONDENSATE STORAGE TANK & PUMP	50	RAW WATER RESERVOIR
14	COOLING TOWER UNIT#1	51	CHEMICAL HOUSE FOR AHP
15	COOLING WATER PUMP HOUSE WITH ELECTRICAL ROOM	52	RAW WATER HARVESTING POND
16	COOLING TOWER UNIT#2	53	H2 GENERATION PLANT WITH ELECTRICAL ROOM
17	SIDE STREAM FILTER	54	SEWAGE TREATMENT PLANT
18	CW CHLORINATION BUILDING WITH ELECTRICAL ROOM	55	ASH SLO
19	CW TREATMENT BUILDING	56	ASH SLO UTILITY BUILDING WITH ELECTRICAL ROOM
20	TRANSFORMER YARD	57	ASH POND RECOVERY PUMP HOUSE WITH ELECTRICAL ROOM
21	FIRE WATER BOOSTER PUMP HOUSE	58	TRACK HOPPER
22	EMERGENCY DIESEL GENERATOR BUILDING	59	WAGON TRIPPLER
23	CLEAN OIL TANK & DIRTY OIL TANK	60	WAGON TRIPPLER CONTROL ROOM (A/18)
24	TURBINE GENERATOR BUILDING	61	ASH POND
25	CONTROL BUILDING A.C. PLANT	62	CRUSHER HOUSE-1
26	SERVICE BUILDING	63	CRUSHED COAL STOCK PLE-1 & 2
27	BOILER	64	DOZER SHED
28	GOODS ELEVATOR	65	CHP CONTROL ROOM
29	AUX. BOILER WITH ELECTRICAL ROOM	66	COOLING TOWER AREA ELECTRICAL ROOM (A/1)
30	BUNKER MCC ROOM	67	COOLING TOWER AREA ELECTRICAL ROOM (A/2)
31	ASH HANDLING PLANT MAIN ELECTRICAL AND CONTROL BUILDING	68	SELECTIVE CATALYTIC REDUCTION
32	ELECTROSTATIC PRECIPITATOR	69	CANTEEN
33	ASH SLURRY PUMP HOUSE	70	FIRE STATION
34	ASH SLURRY PUMP HOUSE ELECTRICAL ROOM	71	PERMANENT STORES
35	ESP CUM FGD CONTROL ROOM UNIT#1	72	WORKSHOP
		73	STORAGE YARD
		74	COLONY GATE

EXHIBIT-2

FOR DPR PURPOSE ONLY

OWNER

SJVN THERMAL (P) LTD.
(A WHOLLY OWNED SUBSIDIARY OF SJVN)

CONSULTANT

NTPC Limited
(A GOVT. OF INDIA ENTERPRISE)
CONSULTANCY WING

PROJECT

BUXAR THERMAL POWER PROJECT (1X660 MW)

TITLE

GENERAL LAYOUT PLAN

REV. A

REV.	DESCRIPTION	DATE	SIZE	SCALE	DRG. NO.
A	FOR DPR PURPOSE	20.12.22	AD		CW-EN-11198-G-F-001