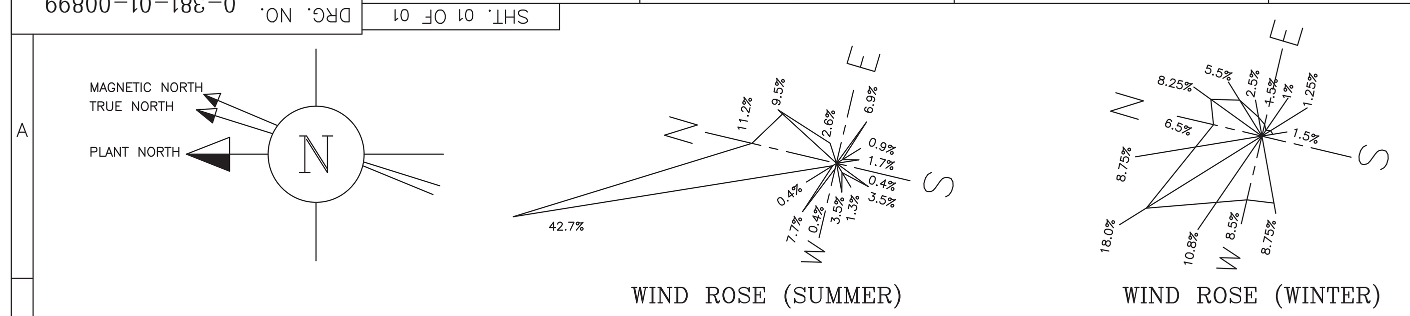
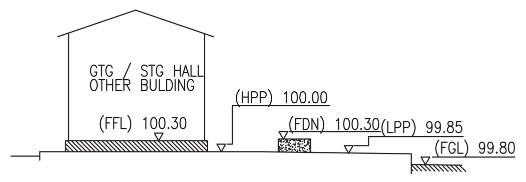
FIRST ANGLE PROJECTION

DRG. NO. 0-381-01-00899 SHT. 01 OF 01

(ALL DIMENSIONS ARE IN mm)



FOR TENDER PURPOSE ONLY



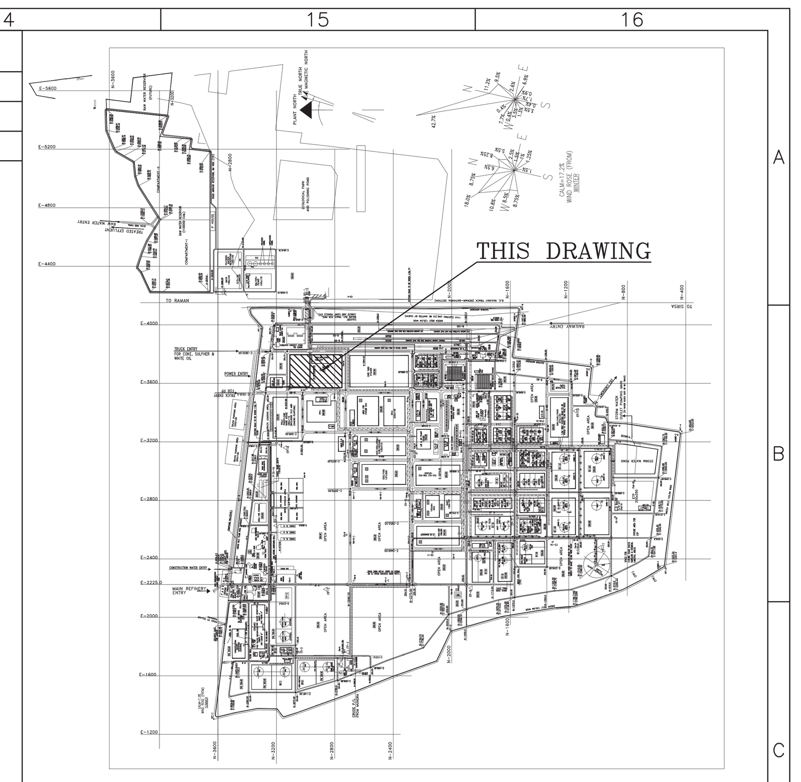
LEGEND:
FFL: Finished Floor Level
HPP: Highest Paved Point and Road Level
LPP: Lowest Paved Point
FGL: Finished Ground Level
FDN: HRSG/UB Foundations Level

REFERENCE LEVELS OF FLOORS/FOUNDATIONS

REFERENCE DRAWINGS

SL.NO.	DESCRIPTION	DRAWING No.
1.	OVERALL PLOT PLAN	6922-000-1647-0001-REV-F
2.	SCOPE DRAWING OF CPP	6922-575-1647-0419-REV-C

NOTES:
1. ALL CO-ORDINATES ARE IN METERS
2. ALL DIMENSIONS ARE IN MM
3. FGL CONSIDERED AS 99.80 M WHICH CORRESPONDS TO 203.6 M ABOVE MEAN SEA LEVEL

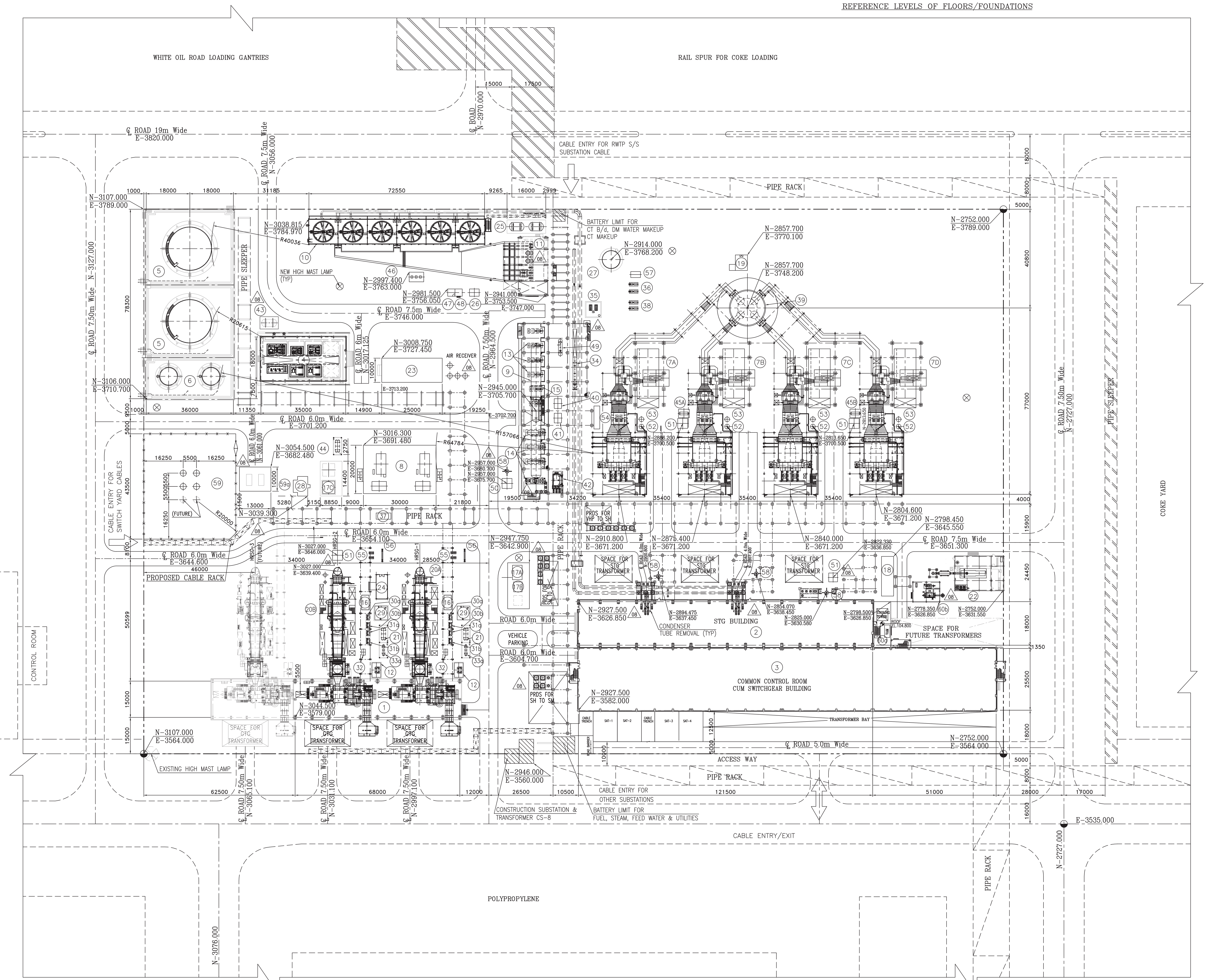


KEYPLAN

EQUIPMENT LIST

SL.NO.	DESCRIPTION	QTY	SIZE
1	GTG BUILDING	01	67.5m x 15.0m
2	STG BUILDING	01	121.5m x 18.0m
3	COMMON CONTROL ROOM CUM SWITCHGEAR BUILDING	01	172.5m x 25.5m
4	COMMON FUEL OIL PUMP HOUSE	01	35.0m x 18.0m
5	LCO TANK STORED CAPACITY 2468 Cu.m	02	ø18.0m x 12.0m
6	HSD TANK STORED CAPACITY 300 Cu.m	02	ø7.5m x 10.5m
7A	UTILITY BOILER – 1	01	62.5m x 30.0m
7B	UTILITY BOILER – 2	01	62.5m x 30.0m
7C	UTILITY BOILER – 3	01	62.5m x 30.0m
7D	UTILITY BOILER – 4	01	62.5m x 30.0m
8	GAS BOOSTER COMPRESSOR BUILDING	01	30.0m x 21.0m
9	DEAERATOR	01	ø4.0m x 56.0m
10	COOLING TOWER	01	73.0m x 14.0m
11	CW PUMP HOUSE	01	10.5m x 23.0m
12	GAS VALVE MODULE	02	6.0m x 3.6m
13	BFPs FOR HRSG	03	6.0m x 2.0m
14	BFPs FOR UTILITY BOILERS	04	8.0m x 2.5m
15	EXPORT FEED WATER PUMPS	02	5.0m x 2.0m
16	WATER INJECTION SKID	02	6.0m x 3.0m
17A	GAS SCRUBBER FOR UTILITY BOILER	01	6.0m x 4.0m
17B	GAS SCRUBBER FOR HRSG	01	4.1m x 3.5m
17C	GAS SCRUBBER FOR GT	01	5.2m x 5.0m
18	SWAS ANALYSER ROOM	01	16.40m x 5.0m
19	FLUE GAS ANALYSER ROOM FOR UBS	01	6.40m x 5.0m
20A	HRSG–1	01	37.20m x 14.6m
20B	HRSG–2	01	37.20m x 14.6m
21	GAS CONDENSATE DRAIN TANK	02	3.5m x ø1.5m
22	DG ROOM	01	30.0m x 15.0m
23	ROOM FOR ATOMISING & INSTRUMENT AIR COMPRESSOR	01	25.0m x 10.0m
24	ANALYSER ROOM FOR HRSGS	01	10.0m x 4.6m
25	SIDE STREAM FILTER FOR CT	01	5.0m x 5.0m
26	ANALYZER SHELTER	01	8.0m x 5.0m
27	CONDENSATE TANK	01	ø7.5m x 9.0m
28	FRP COOLING TOWER	01	5.0m x 5.0m HOLD
29	FILTER SEPARATOR SKID	02	4.5m x 5.5m
30a	LCO FINE FILTER SKID 25 MICRONS	02	1.46m x 1.43m
30b	LCO FINE FILTER SKID 6 MICRONS	02	1.57m x 1.43m
31a	HSD FINE FILTER SKID 25 MICRONS	02	1.49m x 1.40m
31b	HSD FINE FILTER SKID 6 MICRONS	02	1.57m x 1.43m
32	VANADIUM INHIBITOR DOSING SKID	02	2.5m x 1.5m
33a	DRAIN TANK FOR LCO & HSD NEAR GT	02	ø1.2m x 4.0m
33b	DELETED	–	–
34	LP HEATER	01	ø1.532m x 13.61m
35	LP HEATER CONDENSATE DRAIN TRANSFER PUMPS	02	2.2m x 0.95m
36	CONDENSATE TRANSFER PUMPS	02	3.6m x 1.5m
37	WATER WASH SKID	01	6.1m x 2.6m
38	MUH CONDENSATE TRANSFER PUMP	02	3.6m x 1.5m
39	CHIMNEY	01	ø15.0m
40	LP DOSING SKID (HYDRAZINE)	01	4m x 3m
41	LP DOSING SKID (AMMONIA)	01	4m x 3m
42	MAIN OIL TANK	01	HOLD
43	HSD/LCO DRAIN TANK NEAR STORAGE TANK AREA (30.0 Cu.m)	01	HOLD
44	FUEL GAS CONDENSATE DRAIN TANK (2.0 CU.M)	01	ø1.5m x 3.5m
45A	HSD/LCO DRAIN TANK FOR UB–1 & UB–2 (2.0 CU.M)	01	ø1.5m x 3.5m
45B	HSD/LCO DRAIN TANK FOR UB–3 & UB–4 (2.0 CU.M)	01	ø1.5m x 3.5m
46	CHEMICAL DOSING SHED	01	6.0m x 4.0m
47	LABORATORY	01	3.0m x 3.0m
48	CHEMICAL STORAGE	01	3.0m x 3.0m
49	CONDENSATE COLLECTING TANK FOR LP HEATER	01	ø1.532m x 6.920m
50	MAIN BLOW DOWN COLLECTING PIT	01	3.5m x 3.5m
51	BLOW DOWN COLLECTING PIT	04	3.5m x 3.5m
52	IBD TANK	04	–
53	CBD TANK	04	–
54	HP DOSING SKID FOR UBs	01	9.5m x 2.4m x 4.5m
55	DM COOLING WATER PUMP	04	1.85m x 0.95m
56	WATER TO WATER HEATEXCHANGER	02	ø0.508m x 5.3m
57	AMMONIA DOSING SKID FOR CST	01	4.0m X 2.5m
58	FLASH TANK	04	ø1.5m x 3.613m
59	NITROGEN STORAGE AREA	01	43.5m x 38.0m
59a	NITROGEN COMPRESSOR HOUSE	01	12.0m x 10.0m
60a	VAM UNIT	01	18.0m x 7.0m
60b	BOILER FOR VAM UNIT	01	12.0m x 10.0m

LEGEND
- PIPE SLEEPER (BY OTHERS)
- PIPE RACK (BY OTHERS)
- PROPOSED PIPE SLEEPER
- PROPOSED PIPE RACK
- PROPOSED BURIED PIPE
- PROPOSED CABLE RACK



REV.	DATE	ALTERED	CHD/APPD	ZONE
01	26.05.08	AD	KS / BIB	GENERALLY REVISED.
02		AD/PB	KS / BIB	REVISED IN LINE WITH CUSTOMER COMMENTS dtd. 13.06.08
03	05.09.08	AD/PB	KS / BIB	GENERALLY REVISED
04	23.10.08	AD/PB	KS / BIB	GENERALLY REVISED
05	26.11.08	AD/PB	KS / BIB	CONSTRUCTION SUBSTATION CS-8, FLOOD LIGHT MAST FLM-5 INDICATED AS PER MAIL DTD. 04.11.08 COOLING TOWER RELOCATED
06	11.12.08	AD/PB	KS / BIB	REVISED AS PER MOM DTD. 04/12/08 & 05/12/08
07	10.06.09	AD/PB	KS / BIB	REVISED IN LINE WITH COMMENTS VIDE MOM DATED 27.12.08
08	02.02.10	AD/PB	KS / BIB	DG,VAM/BOILER & NITROGEN COMPRESSER HOUSE/STORAGE AREA REVISED AS SHOWN.

GENERAL DIMENSIONAL LIMITS,FITS & TOLERANCES AS PER HY0230261

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COMPUTER FILE NAME | REF. DRG. NO. | SIGN. AND DATE | INVENTORY NO

0381010899-S01-R02.DWG