

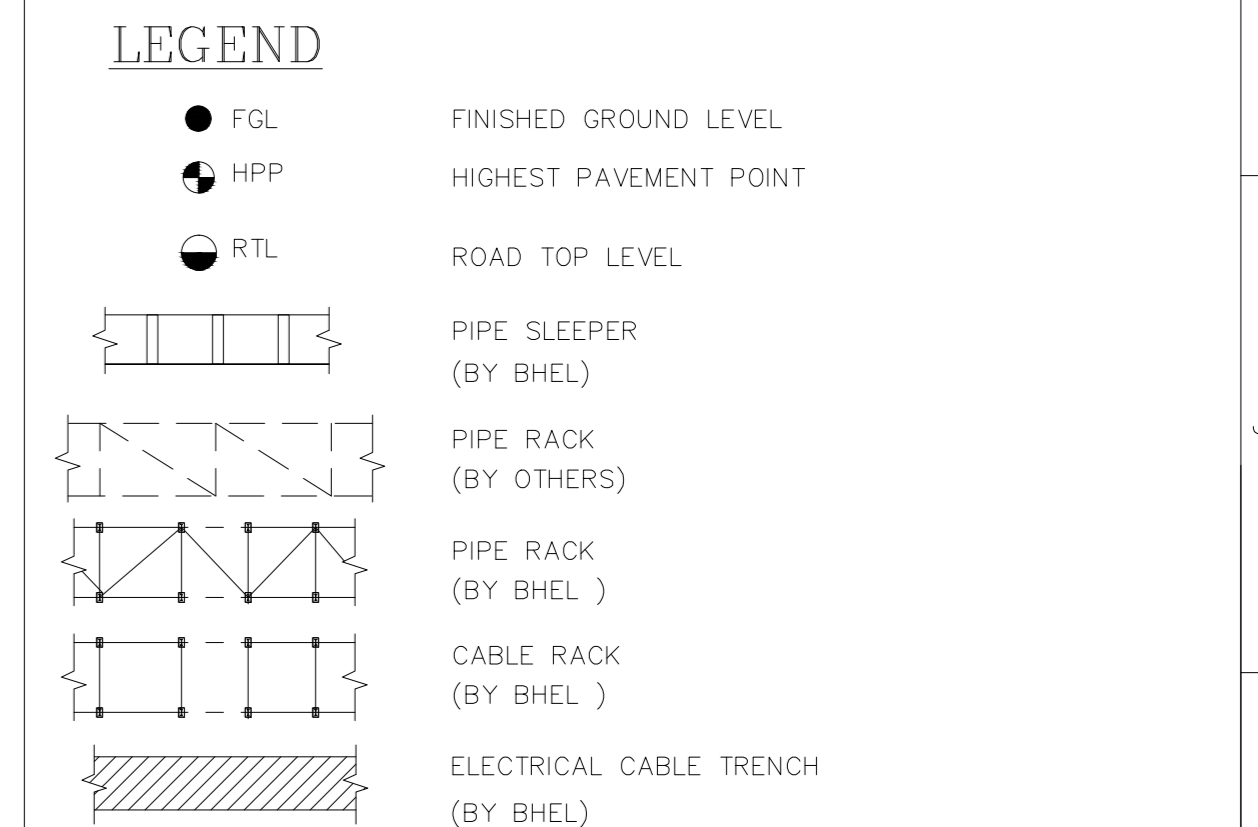
SL.NO.	TAG NO.	DESCRIPTION	QTY	SIZE
1	A,B	UTILITY BOILER-1, 2	02	
2	A,B	FD FAN-1,2	02	
2	C,D	GR FAN-1,2	02	
3		CHIMNEY FOR UBs	01	
4	A,B,C,D	GAS TURBINE-1,2,3,4	04	
5	A,B,C,D	GT GENERATOR-1,2,3,4	04	
6	A,B,C,D	GTG TRANSFORMER-1,2,3,4	04	
7	A,B,C,D	BYPASS STACK-1,2,3,4	04	
8	A,B,C,D	HRSG-1,2,3,4	04	
9	A,B,C,D	CHINEY FOR HRSG-1,2,3,4	04	
10	A,B	STEAM TURBINE-1,2	02	
11	A,B	ST GENERATOR-1,2	02	
12	A,B	STG TRANSFORMER-1,2	02	
13	A,B	DEAERATOR-1,2	02	
14	A,B	TURBINE DRIVEN BFPs FOR UBs	02	
15	A,B	MOTOR DRIVEN BFPs FOR UBs	02	
16	A-F	MOTOR DRIVEN BFPs FOR HRSGs	06	
17	A,B,C,D	LP DOSING SKIDS	02	
18		CONDENSATE STORAGE TANK	01	
19		CONDENSATE TRANSFER PUMPS	03	
20		MUH TRANSFER PUMPS	03	
21		BLACK START COOLING TOWER	01	
22		BLACK START CW PUMPS	02	
23		LP HEATER	01	
24		LP HEATER DRAN TRANSFER PUMP	02	
25		GAS INSULATED SUBSTATION BUILDING	01	65m x 18m
26		ELECTRICAL SWITCHGEAR CUM CONTROL ROOM BLDG	01	112m x 25.5m
27		ATOMISING AIR COMPRESSOR SHED	01	25m x 20m
28		LT DG SHED	01	
29		HT DG SHED	01	
30		HSD TANK-RAW OIL	01	
31		HSD TANK-CLEAN OIL	01	
32		NAPHTHA TANK	01	
33		UNLOADING TANK (BURIED)	01	
34		DRAIN TANK	01	
35		FUEL OIL PUMP HOUSE	01	33m x 48m
36		HSD CENTRIFUGE SKID	01	
37		HSD FORWARDING SKIDS TO GTs	04	
38		HSD FORWARDING SKIDS TO HRSGs	02	
39		NAPHTHA FORWARDING SKIDS TO GTs	04	
40		NAPHTHA FORWARDING SKIDS TO HRSGs	04	
41		NAPHTHA FORWARDING SKIDS TO UBs	02	
42		SCRUBBER + FILTER SEP. SKID FOR GTs & HRSG (NO)	01	
43		SCRUBBER SKID FOR UBs (REFINERY GAS)	01	
44		ELECTRIC HEATERS FOR 2 GTs	02	
45		FINE FILTER FOR GTs (NO)	04	
46		WATER WASH SKID FOR GTs	02	
47	A,B	DRAIN TANKS FOR FUEL	04	
48	A,B	WATER INJECTION SKID FOR GTs	04	
49		FUEL FILTER SKIDS FOR EACH GTs (NAPHTHA)	08	
50A		FUEL FILTER SKIDS FOR EACH GTs (HSD)	08	
51		DMW-CW HEAT EXCHANGER FOR GT	04	
52		PUMPS FOR DMW CIRCUIT	08	
53		SCRUBBER SKID FOR UBs (NATURAL GAS)	01	
54		LUBRICITY ADDITIVE SKID	04	
55		BOP SWAS ROOM	01	12m X 7m
56		HRSG SWAS+ CEMS ROOM	02	10mX7m
57		UB CEMS SHELTER	01	7mX5m
58		UB SWAS ROOM	01	10mX7m
59		SPACE FOR SILENCER STRUCTURE & PROS	02	
60		TRANSFORMERS OIL SOAK PIT	03	
61		BLOW DOWN PIT FOR UBs	01	
62		BLOW DOWN PIT FOR HRSGs	04	
63		NAPHTHA/HSD/NC DRAIN TANK (BURIED)	01	
64		CBD & IBD TANKS	06+06	
65A-F		H.P. DOSING SYSTEM (UB & HRSG)	06	
66		VAM/ CHILLER MACHINES	06	
67		SAFETY SHOWER	03	1mX1m

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS LEVELS & CO-ORDINATES ARE IN METRES U.O.S.
- HPP LEVEL IS 99.70 & CORRESPONDS TO EXISTING RL 7.5m ABOVE MEAN SEA LEVEL (MSL).
- FTL LEVEL IS 99.30 & CORRESPONDS TO EXISTING RL 7.1m ABOVE MEAN SEA LEVEL (MSL).
- FTL LEVEL IS 100.00 & CORRESPONDS TO EXISTING RL 7.8m ABOVE MEAN SEA LEVEL (MSL).
- FIRE WATER UNDER GROUND HEADERS IN PAVED AREAS WILL BE LAID IN RCC TRENCHES SAND FILLED WITH PRECAST REMOVABLE COVERS. THE REMOVABLE COVERS THE HEAVY LOAD IN RCC TRENCH WILL ALSO BE PROVIDED WITH CORROSION PROTECTION TAPE COATING.
- THE AREA AROUND THE FUEL OIL TANKS (WITHIN DYKE) WILL BE RCC PAVED AS PER SCOPE LIMIT SHOWN IN THIS DRAWING. PUMP STATION AND GAS CONDENSING SKID WILL BE RCC PAVED.
- FOR PIPING AT BATTERY LIMIT PLEASE REFER BHEL DRG NO. 1-381-01-04785.
- FOR PIPERACK ARRANGEMENT, PLEASE REFER BHEL DRG NO. 0-381-01-01310.

REF. (EIL DRG.):

- OVERALL PLOT PLAN - 698700016470001 REV-0
- SCOPE DRAWING - 698704616470101 REV-0



LIST OF TANKS:

S. NO.	TANK NO.	SERVICE	FLASH POINT	CLASS	NOMINAL CAPACITY (CU.M.)	PUMPABLE CAPACITY (CU.M.)	DIA. (M)	HEIGHT/LENGTH (M)	NOS.	TANK FARM NO.	TYPE OF TANK
30.	46-TT-0702A	HSD - RAW OIL	>23 °C	B	800		13	12	2	TF-15	FIXED CUM FLOATING ROOF
31.	46-TT-0702B	HSD - CLEAN OIL	>23 °C	B	800		13	12	2	TF-15	FIXED CUM FLOATING ROOF
32.	46-TT-0736	NAPHTHA	>23 °C	A	5500		21.5	20	1	TF-15	FIXED CUM FLOATING ROOF
33.	46-W-0730	DRAIN TANK	>23 °C	A	30		3	5	1	TF-15	HORIZONTAL - IN PIT
34.	46-W-0701	UNLOADING TANK		A	30		3	5	1	TF-15	HORIZONTAL - IN PIT

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GENERAL DIMENSIONAL LIMITS, FITS & TOLERANCES AS PER HY0230261

REVISIONS:

REV.	DATE	ALTERED	MND	REV.	DATE	ALTERED	MND	REV.	DATE	ALTERED	MND
03	16.05.11	CHD/APPD/P.D./K.S		04	24.06.11	CHD/APPD/P.D./K.S		05	09.08.11	CHD/APPD/P.D./K.S	
06	29.11.11	CHD/APPD/P.D./K.S		08	09.08.11	CHD/APPD/P.D./K.S		09	24.06.11	CHD/APPD/P.D./K.S	
07	29.11.11	CHD/APPD/P.D./K.S		10	16.05.11	CHD/APPD/P.D./K.S		11	15.12.10	CHD/APPD/P.D./K.S	
08	29.11.11	CHD/APPD/P.D./K.S		12	19.11.10	CHD/APPD/P.D./K.S		13	19.11.10	CHD/APPD/P.D./K.S	

OWNER: **DAHEJ PETROCHEMICAL COMPLEX**
STREAM & POWER GENERATION SYSTEM
ONGC Petro-additions LIMITED,
SEZ, Dahej, Gujarat, India

Tender No - MR/OW/MM/STG-NOM/19/2009
 EIL JOB No 6987 / EPCC-10 Pkg

DRN: J.C.S. DATE: 25.02.16
 CHD: PALLAB DEB
 APPD: K.SHRIVASTAVA
 DATE: 25.02.16

SCALE: 1:600
 WEIGHT (KG): REF. TO ASSY. DRG.
 ITEM NO. NO. OF ITEMS

CARD NO: 0-381-01108
 SHT. No. 06
 NO. OF SHT. 17