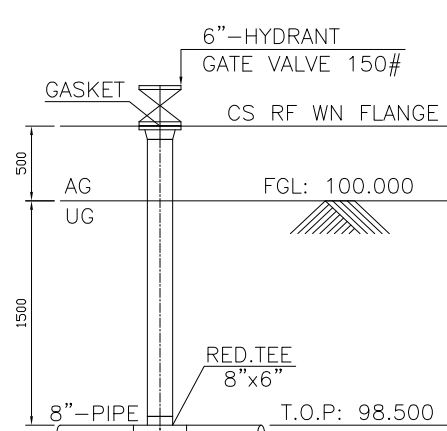
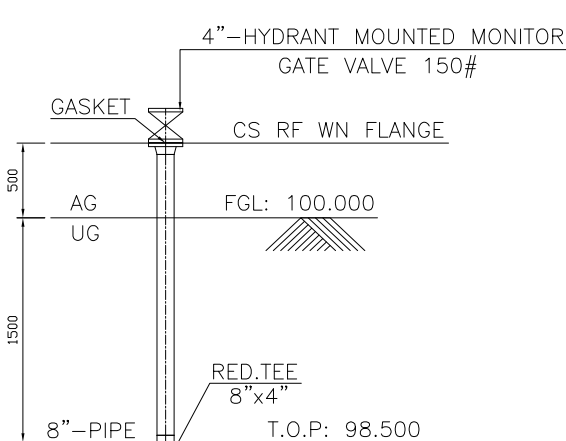


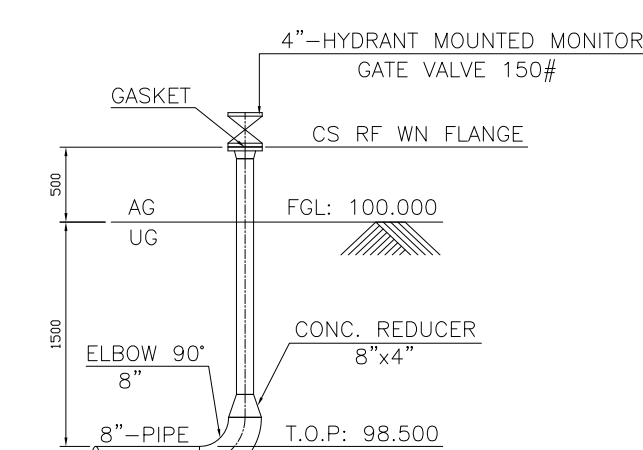
TYPICAL DETAIL 'A' FW LINE
TRANSITION FORM ABOVE GROUND
TO UNDER GROUND



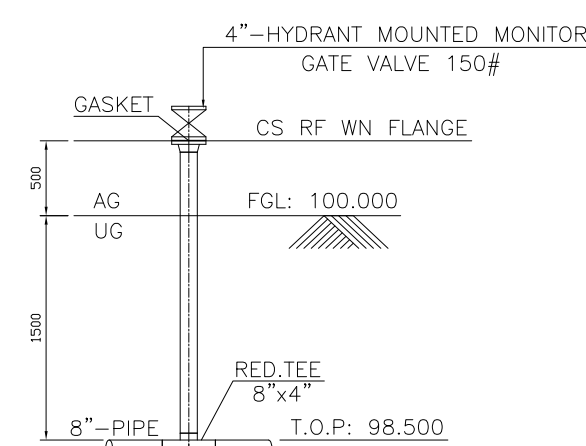
FIRE HYDRANT 'H1 TO H7'



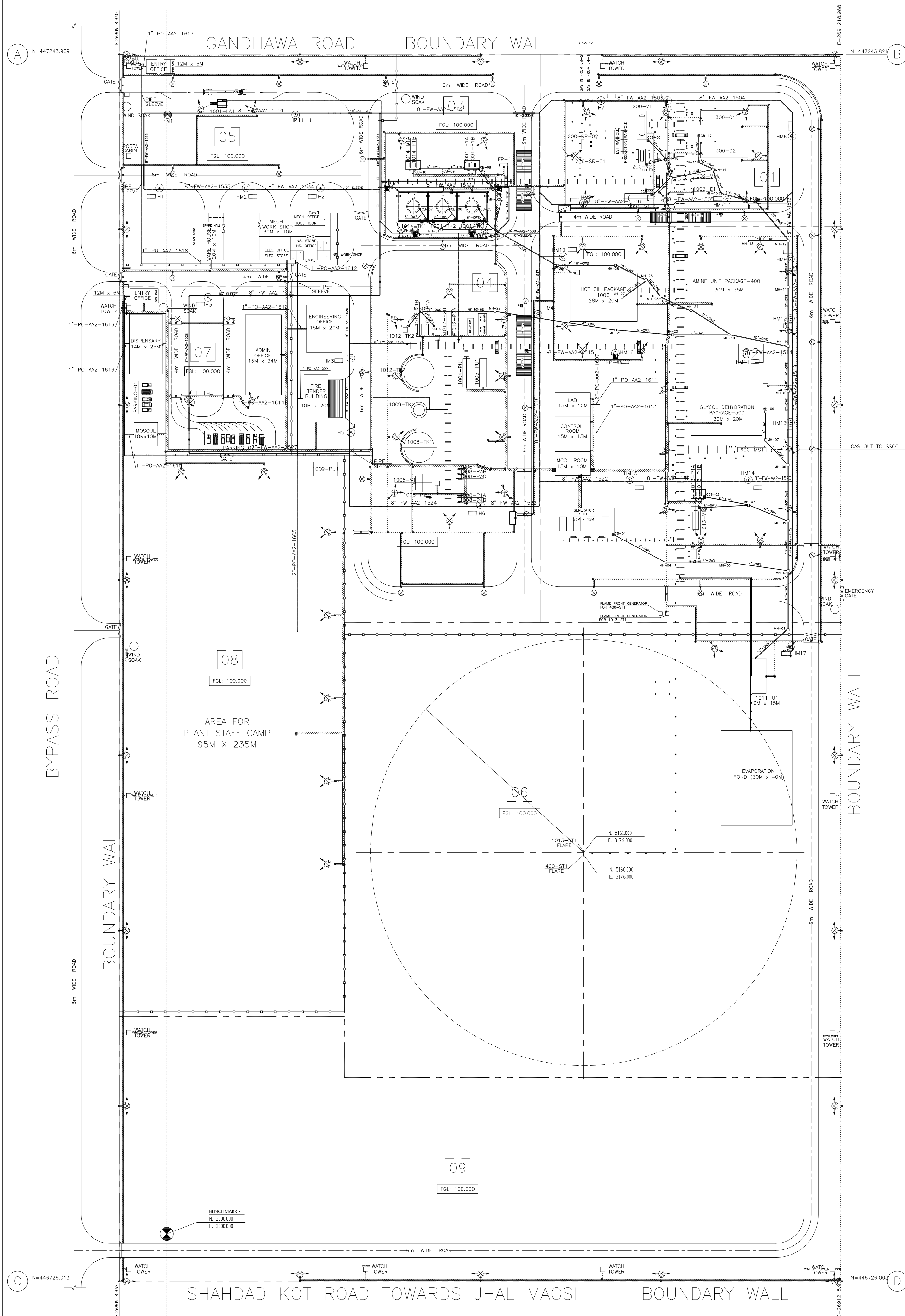
HYDRANT MOUNTED MONITOR
'HM1 TO HM9' & HM11 TO HM17



HYDRANT MOUNTED MONITOR
HM10



FOAM MONITOR
'FM1 TO FM3'



REFERENCE DRAWING

S.No.	DRAWING No.	DESCRIPTION
1	0102-PC-2202	PLOT PLAN OF GPF-01

EQUIPMENTS

TAG #	DESCRIPTION
101-SL-01	SCRAPPER LAUNCHER
101-PU2	WELLHEAD UTILITY GAS & CORROSION INHIBITION PACKAGE

NOTES:-

- ALL DIMENSIONS ARE IN MILLIMETERS & ALL COORDINATES AND LEVELS ARE IN METERS.
- IN THE ABSENCE OF F.G.L. DATA, TOP OF CONCRETE ELEVATION OF CELLAR PAD SHALL BE CONSIDERED AS F.G.L.=100.000
- INJECTION QUILLS SHALL BE SUPPLIED BY 101-PU2 PACKAGE VENDOR.
- DRAIN PIPING CONNECTION FOR THE 101-PU2 SHALL BE FINALIZED AFTER THE SUBMISSION OF VENDOR DATA.
- ALL FIELD RUN TUBING TO BE ROUTED TO ALLOW FOR ACCESS & TO AVOID POSSIBLE MECHANICAL DAMAGE.
- TEE OFF CONNECTION FOR LINE CLEAN UP & FUTURE CONNECTION.
- ALL TUBE CONNECTIONS ARE TO BE FIELD RUN.
- PIPING CONNECTIONS TO ALL PACKAGES TO BE VERIFIED ON SITE.
- REFERENCE DRAWING FOR DETAIL 'A' IS PROVIDED BY OGDCL.
- COORDINATES OF CENTER LINE OF CHRISTMAS TREE FLANGE IS CONSIDERED AS N=50.000, E=30.000 FOR REFERENCE.

LEGENDS:-

WATER MONITOR (M)	
FOAM MONITOR (FM)	
FIRE HYDRANT (H)	
HYDRANT MOUNTED MONITOR (HM)	
PLATFORM FOR MONITOR (PF)	
HOSE BOX	
FIRE WATER LINE	
CATCH BASIN	
CLOSE CATCH BASIN	
MANHOLE	

ISSUED FOR REVIEW & APPROVAL

C	01-03-2013	ISSUED FOR REVIEW & APPROVAL	MSA	IN	MSL	TH
B	22-10-2012	ISSUED FOR REVIEW & APPROVAL	MSA	IN	MSL	TH
A	25-05-2012	ISSUED FOR REVIEW & APPROVAL	MSA	IN	MSL	TH
REV.	DATE	DESCRIPTION OF REVISION	DRAWN	DESIGNED	CHECKED	APPROVED
<div><div>ENAR</div><div>7-B, Sector 7-A Korangi Industrial Area, Karachi Pakistan TEL: (9221) 5062791 E-mail: info@enar.com.pk URL: www.enar.com.pk</div></div>			Job No.			14-0102
OIL & GAS DEVELOPMENT COMPANY LTD.			Dwg. No.			0102-PD-2310
GAS PLANT FACILITY DEVELOPMENT PROJECT			COMPUTER CODE: 0102-PD-2310-C			
TITLE: PIPING LAYOUT OF UNDERGROUND NETWORK			SHEET SIZE: A1			
			SCALE: 1:1000			
			REPLACES DWG. NO: —			
			THIS DOCUMENT IS THE PROPERTY OF ENAR & THE CONTENTS MUST BE TREATED AS CONFIDENTIAL			