

EXISTING STONE WALL

INSTALL 42 L.F. OF NEW WROUGHT IRON FENCE TO MATCH EXISTING

PLAN RED TIP PHOTINIA AT 3' O.C. (9 EACH)

INSTALL: 2/0 GND RING 18" DEEP WITH 4~#4X10FT COPPER CLAD GND RODS GROUND ALL INDICATED GROUND CONDUCTOR TO THE GROUND RING USING ONLY CADWELD CONNECTIONS CONTRACTOR MUST LOCATE EXISTING 10" F.M. AND 12" W.L. THROUGH CONSTRUCTION SITE BEFORE ANY EXCAVATION CAN BE STARTED

OBSOLETE LIFT STATION APPROXIMATE LOCATION

INSTALL 200 KW EMERGENCY DIESEL GENERATOR FURNISHED BY OTHERS ON CONCRETE PAD. SEE DETAIL SHEET. CONCRETE PAD IS LOCATED ON THE TOP OF BURIED AND OBSOLETE LIFT STATION. CONTRACTOR TO DETERMINE DEPT OF BURIED STRUCTURES PRIOR TO CONSTRUCTION

OBSOLETE LIFT STATION APPROXIMATE LOCATION

INSTALL: 2/0 BARE COPPER GND

AT THE END OF THE PROJECT RE-INSTALL 16 L.F. OF EXISTING WROUGHT IRON FENCE

INSTALL: 3~600 MCM PWR; 1~2/0 EGC IN 4"C #14CTRL-Bprs IN 1"C 2~#10 PWR; 1~#10 EGC AND 2~#12 PWR; 1~#12 EGC IN 1"C

IMPORTANT NOTES:

CONTRACTOR SHALL LOCATE THE FOLLOWING EXISTING STRUCTURES AND PIPELINES PRIOR TO START OF ANY CONSTRUCTION:

1. 10" FORCE MAIN
2. 12" WATER LINE
3. TWO OBSOLETE BURIED LIFT STATION MANHOLES (7' AND 8' DIA). DEPTH IS UNKNOWN.
4. EXISTING ELECTRICAL BETWEEN PUMP CONTROL PANEL AND SAFETY SWITCH

FINAL ELEVATION OF THE GENERATOR PAD SHALL BE DETERMINED AFTER DEPTH OF THE OBSOLETE LIFT STATION STRUCTURE IS DETERMINED

RESEED DISTURBED AREA AROUND CONCRETE SLABS WITH BERMUDA GRASS

INSTALL NEW 225 KVA TRANSFORMER PAD (RADIAL). SEE ONCOR STANDARD DETAIL SHEET

NEW 225 KVA UTILITY TRANSFORMER BY ONCOR. PAD BY CONTRACTOR

REMOVE EXISTING 200A S.E. CIRCUIT BREAKER AND DELIVER TO OWNER

INSTALL: APPROX 50 L.F. OF 1/2" HELIAX IN 1"C CONNECT TO ANTENNA AND SCADA SUBPANEL

INSTALL: 2/0 BARE COPPER GND

INSTALL APPROX 23 L.F. OF: 3~600 MCM PWR; 1~2/0 EGC IN 4"C 1~EMPTY 4"C

PUMP CONTROL PANEL

5 KVA COMB. PANEL

400A, 3P AUTOMATIC XFR SWITCH

S.E. 400A C.B.

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EXISTING VALVE VAULT

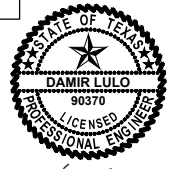
INSTALL PERSONNEL DOOR IN WROUGHT IRON FENCE

INSTALL IN 8"X8" NEMA 4X SS WIREWAY XHHW-2 TYPE WIRES:  
3~2/0 PWR 1~#6 EGC-P#1(1EA)  
3~2/0 PWR 1~#6 EGC-P#2(2EA)  
3~2/0 PWR 1~#6 EGC-P#3(2EA)  
#12 3 pairs; TC CTRL CABLE (FLOATS)  
2 C/S TC SIGNAL CABLE (LEVEL XDCR)  
1~#4 HELIAX  
INSTALL METAL BARRIER BETWEEN PWR AND CTRL/SGNL CABLES

EXISTING PUMP CONTROL PANEL. REMOVE ALL PANEL COMPONENTS OTHER THAN PUMP POWER AND CONTROL CABLES AND DISTRIBUTION BLOCK. USE PANEL AS SPLICE BOX TO CONNECT NEW PUMP POWER 'TC' CABLES TO THE PUMP CABLES. INSTALL PUMP CABLES FOR NEW PUMP #3

EXISTING WET WELL

FMI PROJECT #  
15023



*Damir Lulo*  
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY DAMIR LULO, P.E. NO. 90370 ON 6/7/16

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