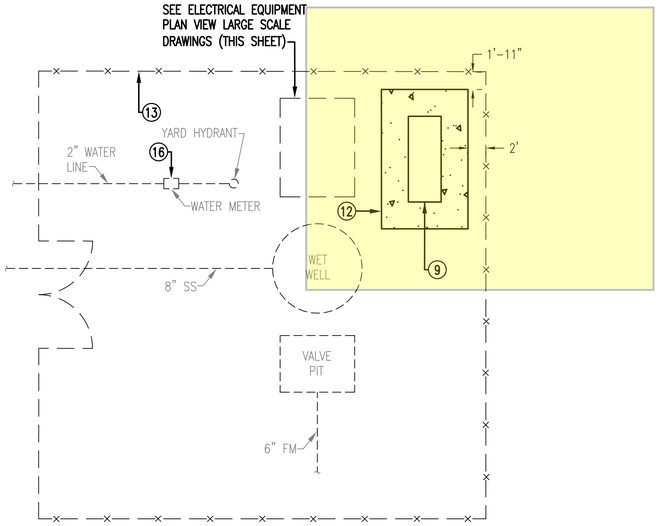


DEMOLITION & NEW WORK SITE PLAN

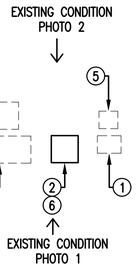
SCALE: 1/8" = 1'

0 4' 8' 16'

NOTES:

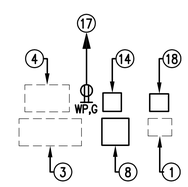
(#) (THIS SHEET ONLY)

1. EXISTING 480V, 3-PHASE, 100A ENCLOSED CIRCUIT BREAKER SERVICE DISCONNECT TO REMAIN.
2. EXISTING 480V, 100A MANUAL TRANSFER SWITCH TO BE REMOVED.
3. EXISTING PUMP STATION CONTROL PANEL TO REMAIN. DISCONNECT AND ABANDON IN PLACE EXISTING 5 KVA INTERNAL CONTROL TRANSFORMER. PROVIDE 2#10, #10G; 3/4"C. FROM EXISTING 15A/2P CIRCUIT BREAKER (ABANDONED TRANSFORMER PRIMARY BREAKER) TO NEW MINI-POWER ZONE. PROVIDE 3#10, #10G; 3/4"C. FROM MINI-POWER ZONE TO EXISTING 25A/2P BREAKER IN PUMP CONTROL PANEL.
4. EXISTING SCADA CONTROLS TO REMAIN. PROVIDE 3/4" C. AND CONDUCTORS AS REQUIRED TO CONNECT GENERATOR GENERAL ALARM TO EXISTING SCADA CONTROLS.
5. EXISTING SURGE SUPPRESSOR TO BE REMOVED.
6. EXISTING PORTABLE GENERATOR PLUG TO BE REMOVED.
7. EXISTING 4#1; 2"C. TO REMAIN.
8. NEW 480V, 100A AUTOMATIC TRANSFER SWITCH IN NEMA 4X STAINLESS STEEL ENCLOSURE. PROVIDE ADDITIONAL 1-5/8" X 12 GAUGE UNISTRUT ON THE EXISTING SUPPORT STRUCTURE AS REQUIRED. PROVIDE 3/4"C. AND CONDUCTORS AS REQUIRED FOR START/STOP SIGNAL TO GENERATOR.
9. NEW PAD-MOUNTED NATURAL GAS GENERATOR. SEE SPECIFICATION 16310 PARAGRAPH 1.5 FOR SIZE AND VOLTAGE. CITY OF DUBLIN IS RESPONSIBLE FOR ALL NATURAL GAS WORK. PROVIDE GENERATOR WITH A 100A/3P OUTPUT CIRCUIT BREAKER.
10. EXISTING 4#1, #8G; 2"C. TO BE REMOVED.
11. NEW 4#1, #8G; 2"C.
12. NEW CONCRETE GENERATOR PAD, SEE DETAIL SHEET E0.
13. EXISTING FENCE TO REMAIN.
14. NEW 480-240/120V, 5 KVA MINI-POWER ZONE. MOUNT ON EXISTING EQUIPMENT STRUCTURE. PROVIDE ADDITIONAL 1-5/8" X 12 GAUGE GALVANIZED UNISTRUT AS REQUIRED. PROVIDE ONE 30A/2P BREAKER FOR PUMP CONTROL PANEL. PROVIDE ONE 20A/1P BREAKER FOR GENERATOR BATTERY CHARGER. PROVIDE ONE 20A/1P BREAKER FOR RECEPTACLE. PROVIDE THREE 20A/1P BREAKERS SPARE.
15. NEW 2#12, #12G; 3/4"C. TO 20A/1P BREAKER IN MINI-POWER ZONE FOR BATTERY CHARGER.
16. EXISTING WATER METER AND YARD HYDRANT TO REMAIN.
17. NEW 2#12, #12G; 1/2" C. TO MINI-POWER ZONE.
18. NEW SURGE SUPPRESSOR. PROVIDE CONDUCTORS AND CONDUIT AS RECOMMENDED BY MANUFACTURER AND CONNECT TO SERVICE DISCONNECT



DEMOLITION ELECTRICAL EQUIPMENT PLAN VIEW

SCALE: 1/4" = 1'

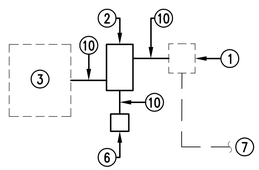


NEW WORK ELECTRICAL EQUIPMENT PLAN VIEW

SCALE: 1/4" = 1'

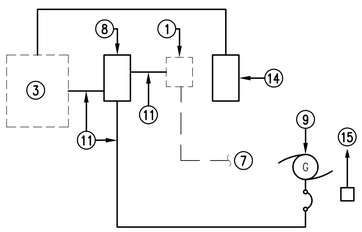
EXISTING CONDITION PHOTO 1

SCALE: NONE



DEMOLITION ELECTRICAL RISER

SCALE: NONE



NEW WORK ELECTRICAL RISER

SCALE: NONE

EXISTING CONDITION PHOTO 2

SCALE: NONE

REVISION	ITEM	DATE

GEORGIA REGISTERED NO. 045281 PROFESSIONAL ENGINEER PAUL E. WHITMIRE

SHEET: *DEMOLITION & NEW WORK PLANS - LOVES PUMP STATION*

TOLAND MIZELL MOLNAR
500 MEANS STREET NW
STE. 200
ATLANTA, GA 30318

PROJECT: ***FIXED AND PORTABLE GENERATOR INSTALLATIONS***

JOB NO:	TMM 2507
DATE:	02-06-26
DRAWN:	FSD
CHECKED:	PEW
APPROVED:	RBP
SCALE:	AS NOTED

SHEET

E12