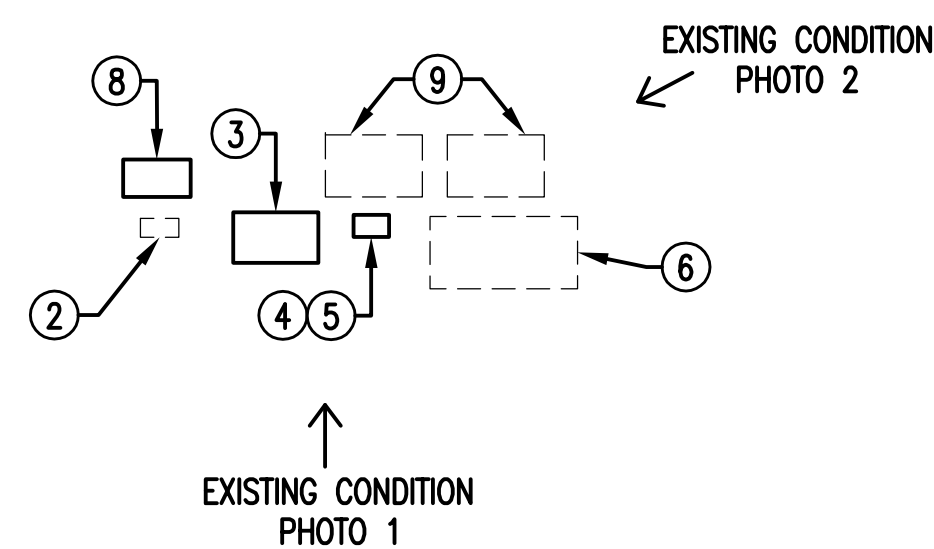
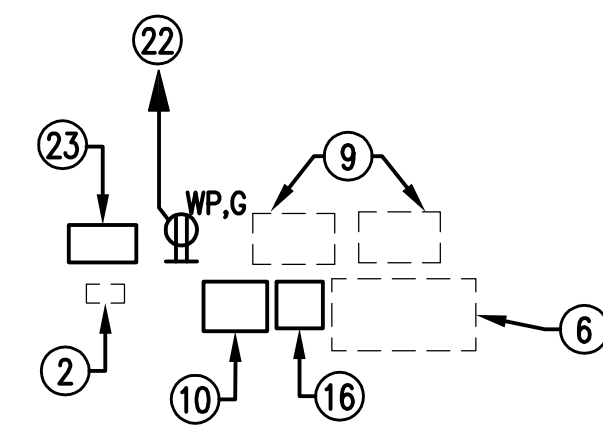


**DEMOLITION & NEW WORK SITE PLAN**

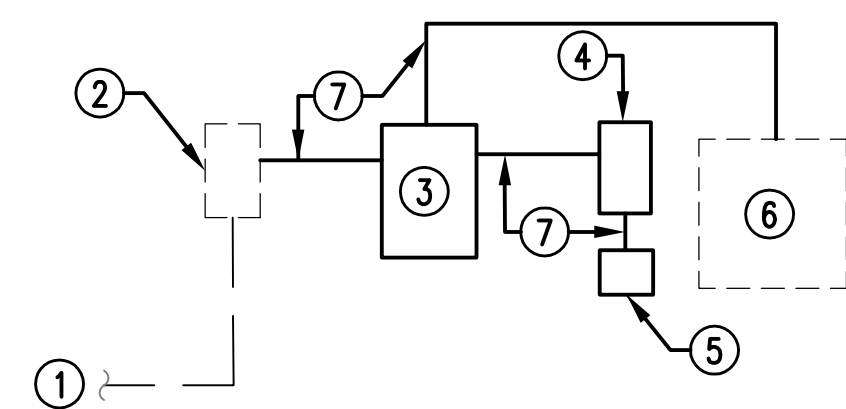
SCALE: 1/8" = 1'



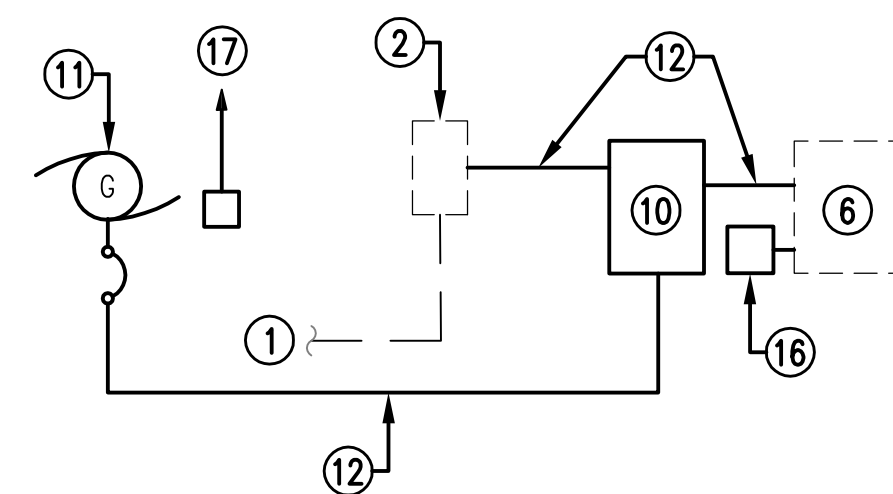
**DEMOLITION ELECTRICAL EQUIPMENT PLAN VIEW**  
SCALE: 1/4" = 1'



**NEW WORK ELECTRICAL EQUIPMENT PLAN VIEW**  
SCALE: 1/4" = 1'



**DEMOLITION ELECTRICAL RISER**  
SCALE: NONE



**NEW WORK ELECTRICAL RISER**  
SCALE: NONE



**EXISTING CONDITION PHOTO 1**  
SCALE: NONE

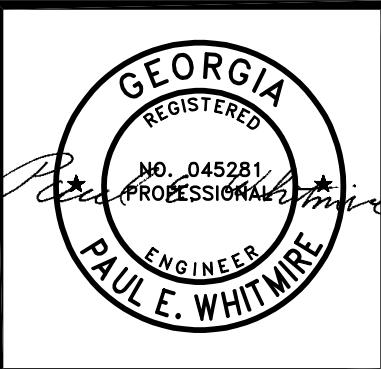


**EXISTING CONDITION PHOTO 2**  
SCALE: NONE

**NOTES:**  
(THIS SHEET ONLY)

- EXISTING 4#1; 2" C. TO REMAIN.
- EXISTING 480V, 3-PHASE, 100A ENCLOSED CIRCUIT BREAKER SERVICE DISCONNECT TO REMAIN.
- EXISTING 480V, 100A MANUAL TRANSFER SWITCH TO BE REMOVED.
- EXISTING 480V, 100A PORTABLE GENERATOR DISCONNECT SWITCH TO BE REMOVED.
- EXISTING PORTABLE GENERATOR PLUG TO BE REMOVED.
- EXISTING PUMP STATION CONTROL PANEL TO REMAIN. DISCONNECT AND ABANDON IN PLACE EXISTING 3 KVA INTERNAL CONTROL TRANSFORMER. PROVIDE 2#12, #12G; 1/2" C. FROM EXISTING 15A/2P BREAKER (ABANDONED TRANSFORMER PRIMARY) TO NEW MINI-POWER ZONE. PROVIDE 3#12, #12G; 1/2" C. FROM MINI-POWER ZONE TO EXISTING 20A/2P BREAKER IN PUMP CONTROL PANEL FOR ALL CONTROL POWER.
- EXISTING 4#1, #8G; 2" C. TO BE REMOVED.
- EXISTING SURGE SUPPRESSOR TO BE REMOVED.
- EXISTING SCADA CONTROLS TO REMAIN. PROVIDE 3/4" C. AND CONDUCTORS AS REQUIRED TO CONNECT GENERATOR GENERAL ALARM TO EXISTING SCADA CONTROLS.
- NEW 480V, 100A AUTOMATIC TRANSFER SWITCH IN NEMA 4X STAINLESS STEEL ENCLOSURE. PROVIDE ADDITIONAL 4" ALUMINUM C CHANNEL ON THE EXISTING SUPPORT STRUCTURE AS REQUIRED. PROVIDE 3/4" C. AND CONDUCTORS AS REQUIRED FOR START/STOP SIGNAL TO GENERATOR.
- 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 OUTPUT CIRCUIT BREAKER.
- NEW 4#1, #8G; 2" C.
- INSTALL NEW 6' HIGH CHAIN LINK FENCE WITH 3 STRANDS OF BARBED WIRE AS SHOWN TO ALLOW FOR INSTALLATION OF GENERATOR. NEW FENCE SHALL MATCH EXISTING.
- EXISTING FENCE TO REMAIN.
- NEW CONCRETE GENERATOR PAD, SEE DETAIL SHEET ED.
- NEW 480-240/120V, 5 KVA MINI-POWER ZONE. MOUNT ON EXISTING EQUIPMENT STRUCTURE. PROVIDE ADDITIONAL 4" ALUMINUM C-CHANNEL AS REQUIRED. PROVIDE ONE 20A/2P BREAKER FOR PUMP CONTROL PANEL. PROVIDE ONE 20A/1P BREAKER FOR GENERATOR BATTERY CHARGER AND ONE 20A/1P BREAKER FOR RECEPTACLE. PROVIDE THREE 20A/1P BREAKERS SPARE.
- NEW 2#12, 12G; 1/2" C. TO 20A/1P BREAKER IN MINI-POWER ZONE FOR BATTERY CHARGER.
- REROUTE EXISTING 2" WATER LINE TO AVOID NEW GENERATOR CONCRETE PAD.
- EXISTING 2" WATER METER TO BE REPLACED. SEE SHEET ED FOR DETAIL.
- EXISTING BELOW GROUND DOUBLE DETECTOR CHECK VALVE TO BE REPLACED WITH NEW 2" ABOVE GRADE REDUCE PRESSURE ZONE BACKFLOW PREVENTER. SEE SHEET ED FOR DETAIL.
- EXISTING YARD HYDRANT TO REMAIN.
- NEW 2#12, #12G; 1/2" C TO MINI-POWER ZONE.
- NEW SURGE SUPPRESSOR. PROVIDE CONDUCTORS AND CONDUIT AS RECOMMENDED BY MANUFACTURER AND CONNECT TO SERVICE DISCONNECT.
- EXISTING FENCE TO BE REMOVED.

DATE	ITEM	REVISION



PROJECT: **DEMOLITION & NEW WORK PLANS - AIRPORT PUMP STATION**

590 MEANS STREET NW  
STE. 200  
ATLANTA, GA 30318

**TOLAND MIZELL MOLNAR**

PROJECT: **FIXED AND PORTABLE GENERATOR INSTALLATIONS**

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

SHEET  
**E2**