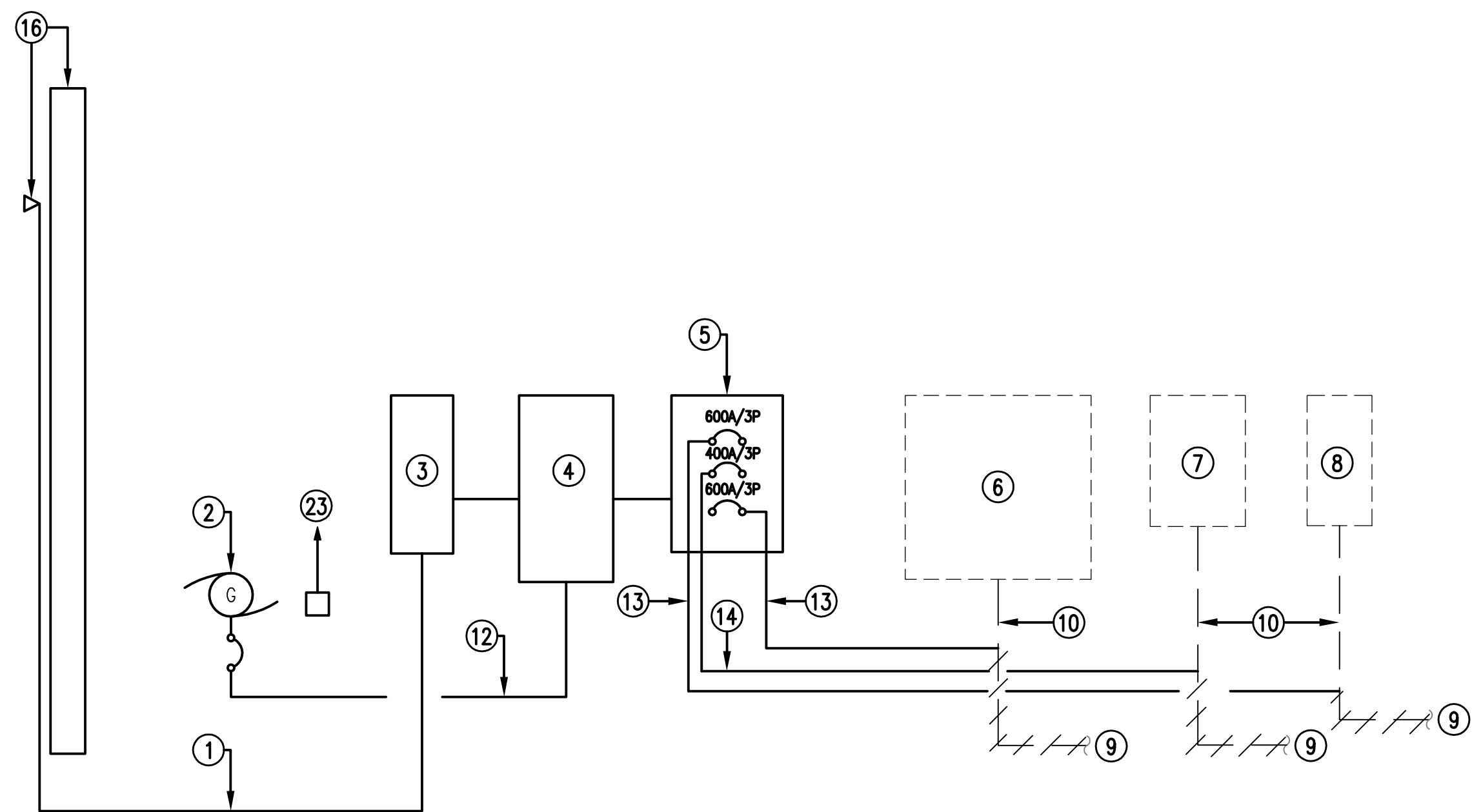


DEMOLITION & NEW WORK SITE PLAN

SCALE: 1/8" = 1'



DEMOLITION & NEW WORK ELECTRICAL RISER

SCALE: 1/4" = 1'



EXISTING CONDITION PHOTO 1

SCALE: NONE



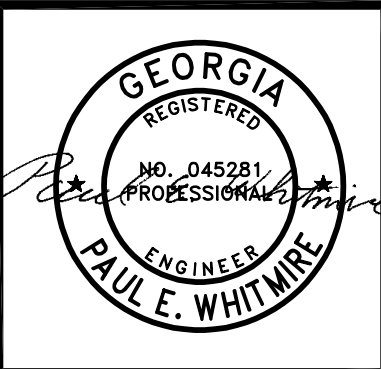
EXISTING CONDITION PHOTO 2

SCALE: NONE

NOTES:
(THIS SHEET ONLY)

1. NEW 3 SETS: 4#600KCMIL; 4" C.
2. 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.
3. NEW 480V, 1200AF/1200AT ENCLOSED CIRCUIT BREAKER SERVICE DISCONNECT IN NEMA 4X STAINLESS STEEL ENCLOSURE RATED 65,000 AMPERES SYMMETRICAL. BREAKER SHALL HAVE ADJUSTABLE LSIG SETTINGS. PROVIDE #6 GROUNDING CONDUCTOR TO (3) 3/4" DIAMETER X 10' GROUND RODS NOT LESS THAN 10' APART.
4. NEW 480V, 1200A AUTOMATIC TRANSFER SWITCH IN NEMA 4X STAINLESS STEEL ENCLOSURE RATED 65,000 AMPERES SYMMETRICAL. PROVIDE 3/4" C. AND CONDUCTORS AS REQUIRED FOR START/STOP SIGNAL TO GENERATOR. PROVIDE 6" HIGH CONCRETE HOUSEKEEPING PAD TO EXTEND 6" BEYOND ATS.
5. NEW 480Y/277V, 1200A MAIN LUG PANEL IN NEMA 4X STAINLESS STEEL ENCLOSURE RATED 65,000 AMPERES SYMMETRICAL. PROVIDE ONE 600A/3P BREAKER FOR THE EXISTING MCC, ONE 400A/3P BREAKER FOR THE EXISTING PANEL HDC, AND ONE 600A/3P BREAKER FOR THE TRANSFER PUMP DISCONNECT.
6. EXISTING 480V, 600A MCC ON FIRST FLOOR TO REMAIN.
7. EXISTING 480V, 400A PANEL IN BASEMENT TO REMAIN.
8. EXISTING 480V, 600A TRANSFER PUMP DISCONNECT IN BASEMENT TO REMAIN.
9. EXISTING UNDERGROUND CONDUIT TO BE ABANDONED.
10. EXISTING CONDUIT TO REMAIN AND BE EXTENDED TO NEW PANEL.
11. NEW WEATHERPROOF GFCI RECEPTACLE.
12. NEW 3 SETS: 4#500KCMIL, #3/0G; 3-1/2" C.
13. NEW 2 SETS: 4#350KCMIL, #1G; 3-1/2" C. CONNECT TO EXISTING UNDERGROUND CONDUIT OUTSIDE OF BUILDING AND PROVIDE NEW CONDUCTORS TO EXISTING EQUIPMENT.
14. NEW 4#500KCMIL, #3G; 3-1/2" C. CONNECT TO EXISTING UNDERGROUND CONDUIT OUTSIDE OF BUILDING AND PROVIDE NEW CONDUCTORS TO EXISTING EQUIPMENT.
15. NEW CONCRETE PAD FOR GENERATOR. PAD SHALL EXTEND 4' BEYOND FOOTPRINT OF ALL EQUIPMENT. SEE DETAIL SHEET EO.
16. NEW 35' CLASS 5 WOOD POLE WITH WEATHERHEADS & SERVICE MASTS.
17. NEW LITHONIA ESXF1 ALO SSW2 KY DDB MOUNTED ON BUILDING AT 20'. CIRCUIT TO NEW RECEPTACLE ON BUILDING.
18. EXISTING POWER COMPANY POLE WITH TRANSFORMERS. COORDINATE WITH POWER COMPANY TO REPLACE EXISTING POLE MOUNTED TRANSFORMERS. REMOVE EXISTING WEATHERHEADS AND SERVICE MASTS.
19. EXISTING WOOD POLE WITH WEATHERHEADS AND SERVICE MASTS TO BE REMOVED.
20. 2#12, #12G; 1/2" C. TO NEW BREAKER IN EXISTING PANEL, SEE NOTE 22.
21. OUTLINE OF EXISTING WATER TREATMENT BUILDING.
22. EXISTING 208Y/120V, 150A MB GE NLAB PANEL "LA-1" ON FIRST FLOOR TO REMAIN IN CONCRETE BLOCK WALL. ACCESS PANEL FROM ROOM BEHIND PANEL AND ROUTE CONDUIT EXPOSED. PROVIDE ONE 20A/1P BREAKER FOR RECEPTACLE AND EXTERIOR LIGHT. CONNECT WITH 2#12, #12G; 1/2" C. PROVIDE ONE 20A/1P BREAKER FOR GENERATOR BATTERY CHARGER.
23. NEW 2#12, #12G; 3/4" C. TO EXISTING PANEL FOR (SEE NOTE 22) GENERATOR BATTERY CHARGER.
24. CONTRACTOR SHALL PERFORM SOIL TESTING AT NEW GENERATOR PAD LOCATION. TAKE ONE SAMPLE AT EACH CORNER OF PROPOSED PAD AND PROVIDE RESULTS TO CITY BEFORE BEGINNING ANY WORK AT THIS SITE.
25. NEW SURGE SUPPRESSOR. PROVIDE CONDUCTORS AND CONDUIT AS RECOMMENDED BY MANUFACTURER AND CONNECT TO SERVICE DISCONNECT

DATE	REVISION



PROJECT:
DEMOLITION & NEW WORK PLANS - WASTEWATER TREATMENT PLANT

580 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
E14