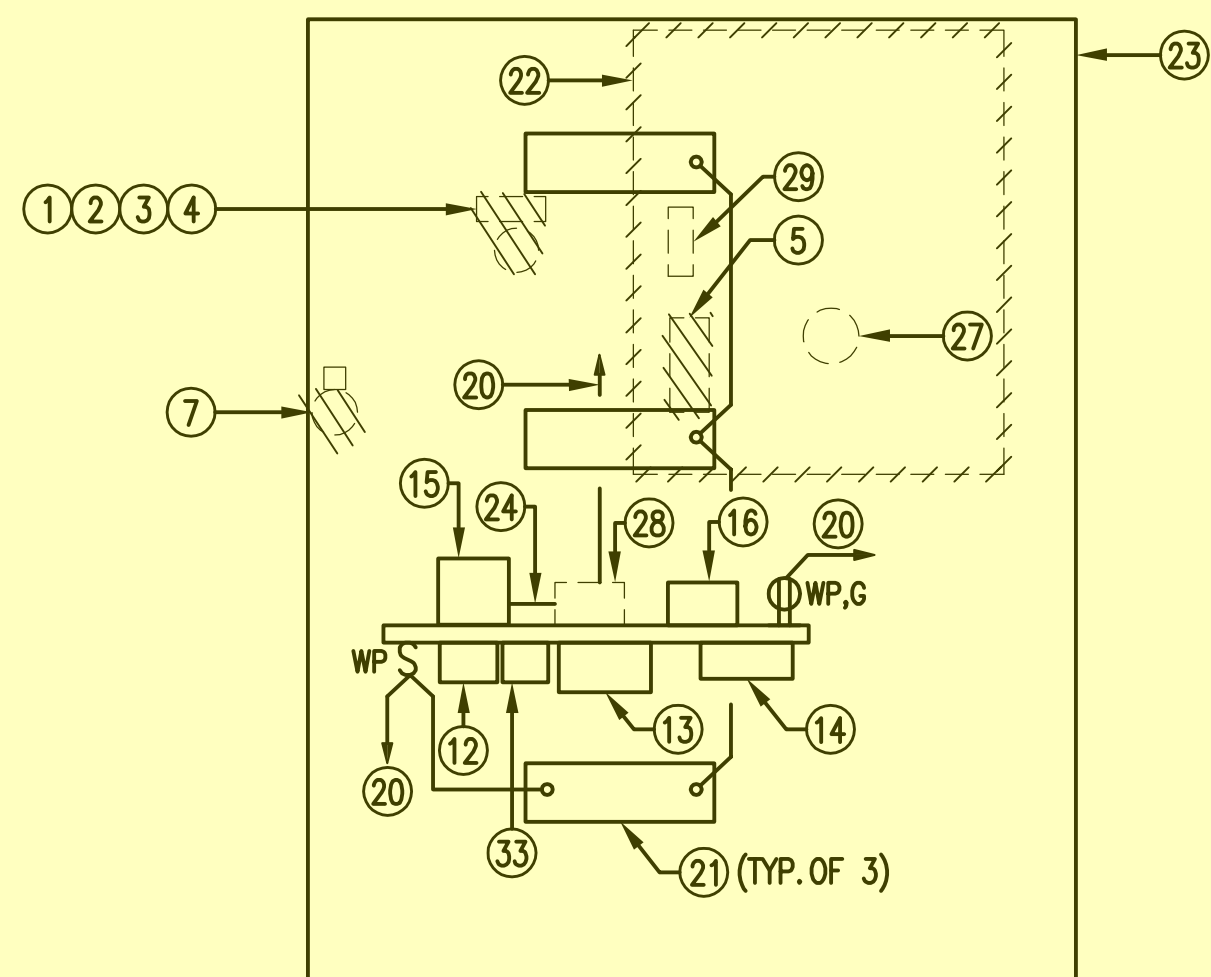
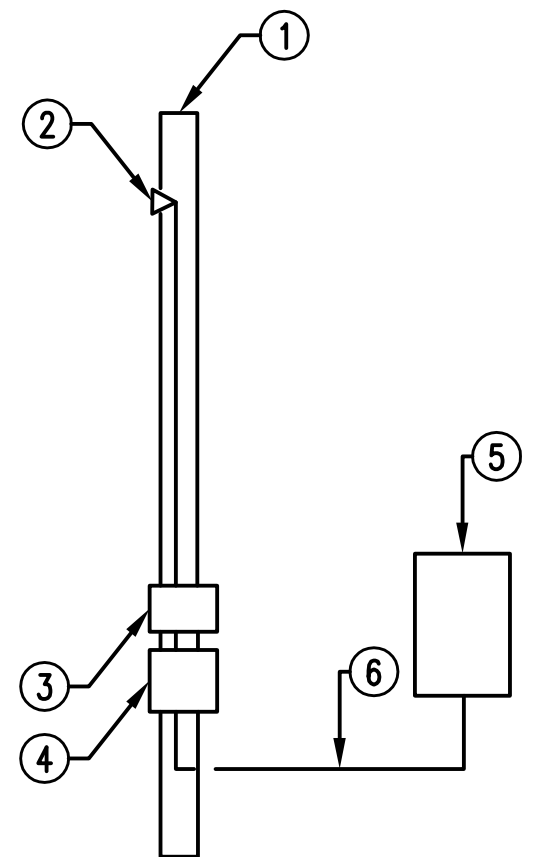


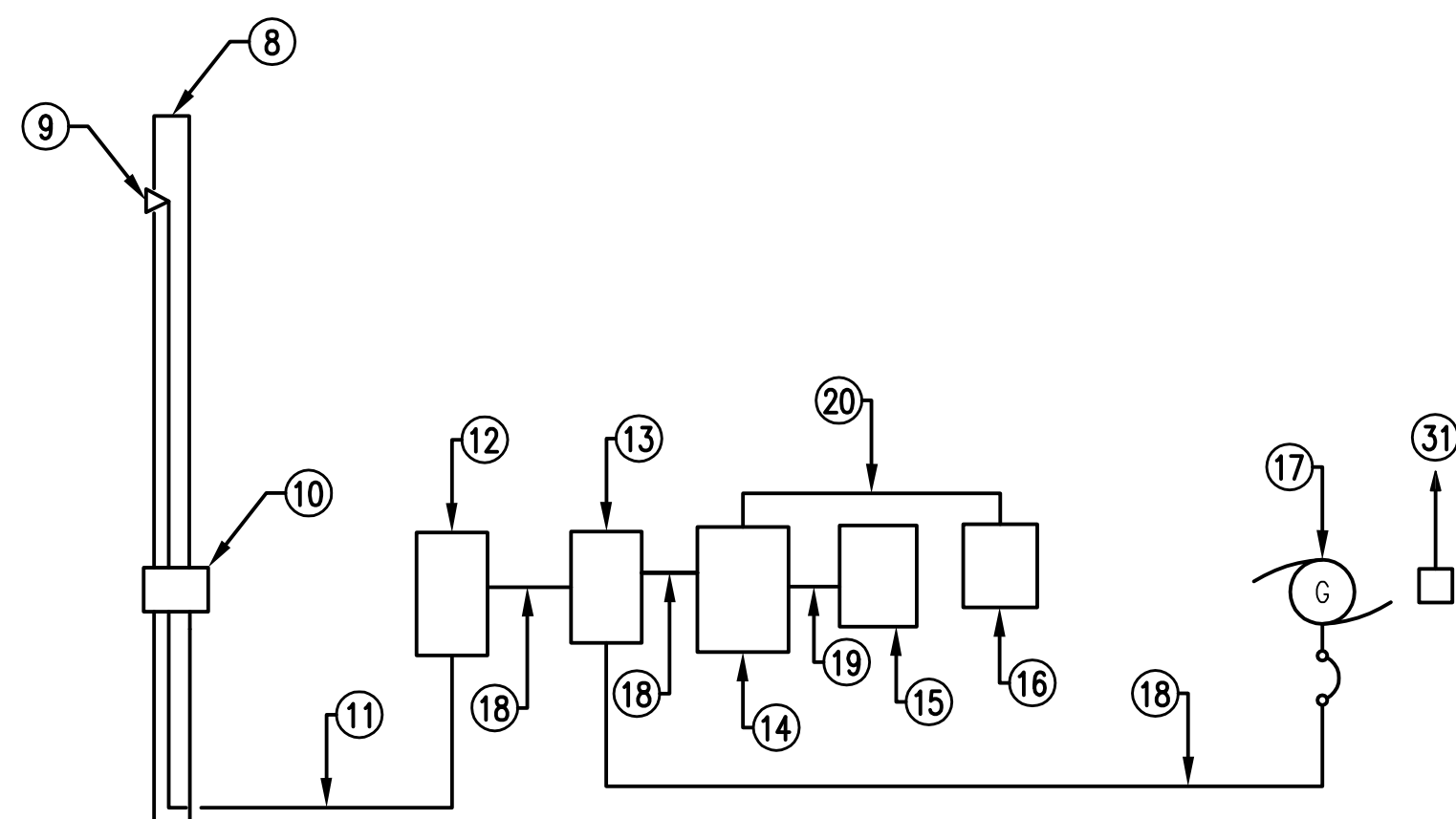
DEMOLITION & NEW WORK SITE PLAN
SCALE: 1" = 20'



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



DEMOLITION ELECTRICAL RISER
SCALE: NONE



NEW WORK ELECTRICAL RISER
SCALE: NONE

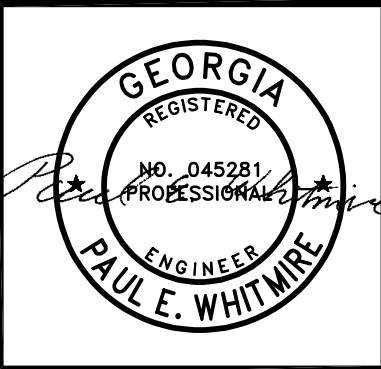


EXISTING CONDITION PHOTO 1
SCALE: NONE

NOTES:
(THIS SHEET ONLY)

1. EXISTING WOOD POLE TO BE REMOVED.
2. EXISTING WEATHERHEAD AND SERVICE MAST TO BE REMOVED.
3. EXISTING POWER COMPANY METER TO BE REMOVED.
4. EXISTING 240V, 100A FUSED SERVICE DISCONNECT TO BE REMOVED.
5. EXISTING 30 HP WELL STARTER TO BE REMOVED.
6. EXISTING 4#2, #8G; 1-1/2" C. TO BE REMOVED.
7. EXISTING WOOD POLE TO BE REMOVED AND EXISTING WELL CONTROL ANTENNA TO BE RELOCATED.
8. NEW 30' CLASS 2 WOOD POLE.
9. NEW WEATHERHEAD WITH 4#2; 1-1/2" C. SERVICE MAST.
10. NEW POWER COMPANY METER TO BE INSTALLED BY THE CONTRACTOR.
11. NEW 4#2; 1-1/2" C. UNDERGROUND.
12. NEW 480V, 100A ENCLOSED CIRCUIT BREAKER SERVICE DISCONNECT IN NEMA 4X STAINLESS STEEL ENCLOSURE. PROVIDE #6 GROUNDING CONDUCTOR TO (3) 3/4" DIAMETER X 10' GROUND RODS NOT LESS THAN 10' APART.
13. NEW 480V, 100A AUTOMATIC TRANSFER SWITCH IN NEMA 4X STAINLESS STEEL ENCLOSURE. PROVIDE 3/4" C. AND CONDUCTORS AS REQUIRED FOR START/STOP SIGNAL TO GENERATOR.
14. NEW 480Y/277V, 100A MAIN BREAKER PANEL IN NEMA 4X STAINLESS STEEL ENCLOSURE. PROVIDE ONE 80A/3P BREAKER FOR WELL, ONE 20A/2P BREAKER FOR MINI POWER ZONE, ONE 20A/3P BREAKER SPARE AND TWO 20A/1P BREAKERS SPARE.
15. NEW NEMA SIZE 3 SOFT STARTER IN NEMA 4X STAINLESS STEEL ENCLOSURE. PROVIDE 3#8, #10G; 1" C. TO EXISTING WELL MOTOR.
16. NEW 7-1/2 KVA, 480-240/120V MINI-POWER ZONE WITH MAIN BREAKER IN NEMA 3R ENCLOSURE. PROVIDE WITH ONE 20A/1P BREAKER FOR LIGHTS, ONE 20A/1P BREAKER FOR POLE LIGHT, ONE 20A/1P BREAKER FOR RECEPTACLE, ONE 20A/1P BREAKER FOR SCADA PANEL, ONE 20A/1P BREAKER FOR GENERATOR BATTERY CHARGER, AND THREE 20A/1P BREAKERS SPARE.
17. 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.
18. NEW 4#2, #8G; 1-1/2" C.
19. NEW 3#4, #8G; 1" C.
20. NEW 2#12, #12G; 1/2" C. TO MINI-POWER ZONE.
21. NEW LITHONIA CSVT L48 5000LM MVOLT 40K 80CRI LIGHT FIXTURE.
22. OUTLINE OF EXISTING METAL SHED TO BE REMOVED. EXISTING CONCRETE SLAB TO BE REMOVED.
23. NEW 16'X20'X10' EAVE HEIGHT PRE-ENGINEERED METAL BUILDING WITH 1:12 ROOF. PROVIDE A 36"X36" ROOF HATCH ABOVE EXISTING WELL FOR REPLACEMENT ACCESS. HATCH SHALL BE WILLIAMS BROTHERS WB RH OR EQUAL. PROVIDE 6" CONCRETE SLAB FOR BUILDING. SEE DETAILS SHEET SO. PROVIDE 4" OF GRAVEL AROUND ALL SIDES OF BUILDING OUT 6". PROVIDE 8" DEEP SWALE IN FRONT AND ON SIDES FOR DRAINAGE.
24. NEW CONTROL CONDUCTORS AND CONDUIT AS REQUIRED.
25. EXISTING POWER COMPANY POLE AND 240V, 3-PHASE TRANSFORMER BANK. COORDINATE WITH POWER COMPANY TO CHANGE OUT POLE MOUNTED TRANSFORMERS FOR 480Y/277V, 3-PHASE SERVICE.
26. NEW LITHONIA ESXF1 ALO SSW2 KY DDB MOUNTED ON NEW WOOD POLE AT 15'.
27. EXISTING 30 HP WELL MOTOR AND PUMP TO REMAIN. CHANGE MOTOR TERMINALS FOR 480V.
28. RELOCATED ON/OFF CONTROL. PROVIDE 3/4" C. AND CONDUCTORS AS REQUIRED TO CONNECT ON/OFF CONTROL TO WELL STARTER HOA SWITCH.
29. EXISTING ON/OFF WELL CONTROL TO BE RELOCATED. RELOCATE ANTENNA TO NEW BUILDING STRUCTURE.
30. NEW CONCRETE GENERATOR PAD, SEE DETAIL SHEET ED.
31. NEW 2#12, #12; 3/4" C. TO MINI-POWER ZONE FOR GENERATOR BATTERY CHARGER.
32. NEW 6' HIGH CHAIN LINK FENCE WITH 3 STRANDS BARBED WIRE. SEE DETAIL ON SHEET SO.
33. NEW SURGE SUPPRESSOR. PROVIDE CONDUCTORS AND CONDUIT AS RECOMMENDED BY MANUFACTURER AND CONNECT TO SERVICE DISCONNECT.

REVISION	DATE



SHEET: **DEMOLITION & NEW WORK PLANS - EXISTING WATER WELL**

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 **E7**