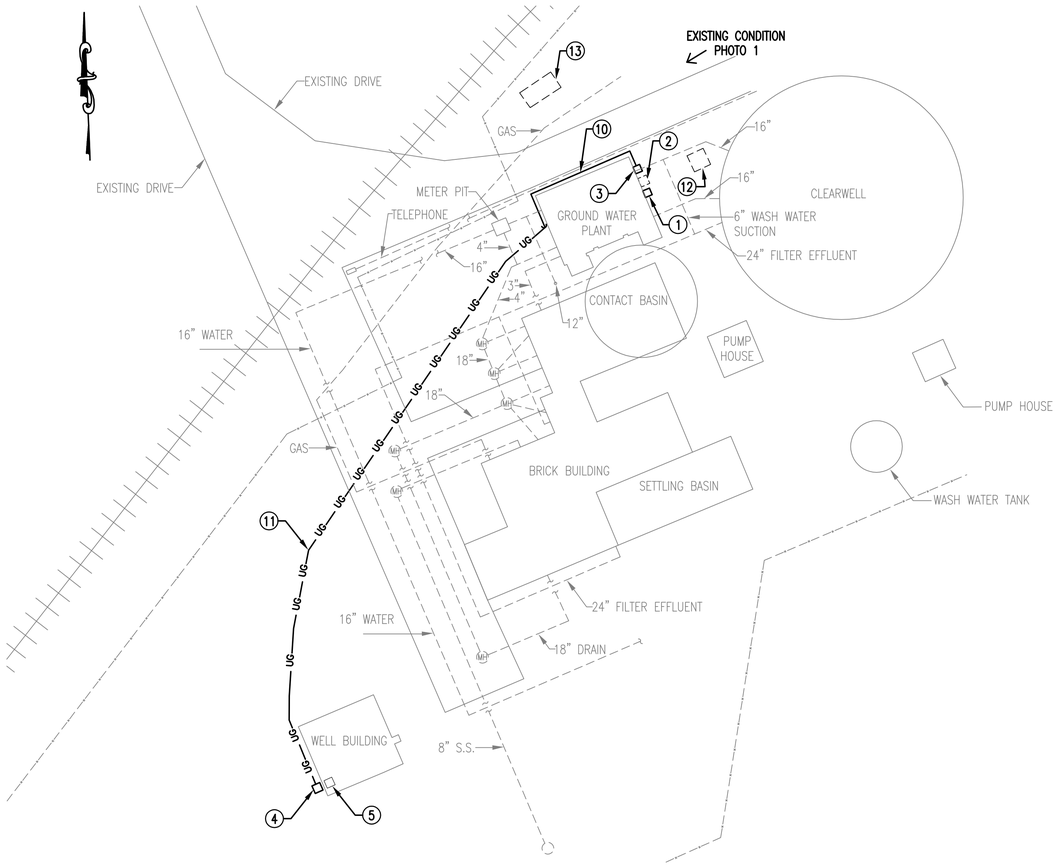
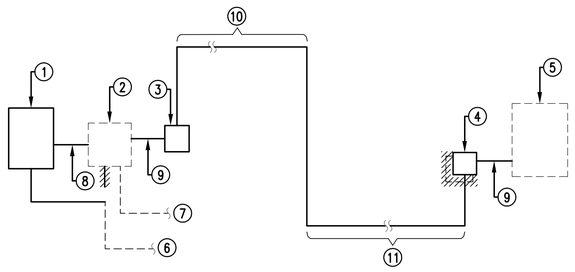


DEMOLITION & NEW WORK SITE PLAN

SCALE: 1" = 30'



DEMOLITION & NEW WORK
ELECTRICAL RISER

SCALE: NONE

EXISTING CONDITION PHOTO 1

SCALE: NONE

NOTES:

(#) (THIS SHEET ONLY)

1. NEW 480V, 400A/3P ENCLOSED CIRCUIT BREAKER SERVICE DISCONNECT IN NEMA 4X STAINLESS STEEL ENCLOSURE RATED 42,000 AMPERES SYMMETRICAL. MOUNT TO EXTERIOR OF BUILDING. PROVIDE #6 GROUNDING CONDUCTOR TO (3) 3/4" DIAMETER X 10' GROUND RODS NOT LESS THAN 10' APART.
2. EXISTING 480V, 400A MANUAL TRANSFER SWITCH TO REMAIN.
3. NEW 480V, 200A/3P ENCLOSED CIRCUIT BREAKER IN NEMA 4X STAINLESS STEEL ENCLOSURE RATED 42,000 AMPERES SYMMETRICAL. MOUNT TO EXTERIOR OF BUILDING.
4. EXISTING PORTABLE GENERATOR PLUG TO BE REMOVED AND REPLACED WITH NEMA 3R PULL BOX.
5. EXISTING 480V, 200A ENCLOSED CIRCUIT BREAKER (EMERGENCY FEED TO MANUAL TRANSFER SWITCH INSIDE OF WELL BUILDING) TO REMAIN.
6. EXISTING 4#500KCMIL; 3" C. FROM POWER COMPANY PAD MOUNTED TRANSFORMER. CONDUIT TO REMAIN AND BE EXTENDED TO NEW SERVICE DISCONNECT. PROVIDE NEW 4#500KCMIL IN EXISTING AND EXTENDED CONDUIT.
7. EXISTING 2 SETS:4#3/0, #3/0G; 2-1/2" C. FROM EXISTING GENERATOR TO REMAIN.
8. NEW 4#500KCMIL, #3G; 3-1/2" C.
9. NEW 4#250KCMIL, #3G; 3" C.
10. NEW 4#250KCMIL, #3G; 3" C. MOUNT ON EXTERIOR OF BUILDING.
11. NEW 4#250KCMIL, #3G; 3" C. DIRECTIONAL BORE UNDER EXISTING UTILITIES IN THE AREA.
12. EXISTING POWER COMPANY PAD-MOUNTED TRANSFORMER.
13. EXISTING GENERATOR TO REMAIN.

REVISION	ITEM	DATE

GEORGIA REGISTERED NO. 045281 PROFESSIONAL ENGINEER PAUL E. WHITMIRE

SHEET: *DEMOLITION & NEW WORK PLANS - EMERGENCY REPLACEMENT WATER WELL*

TOLAND MIZELL MOLNAR
590 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

E6