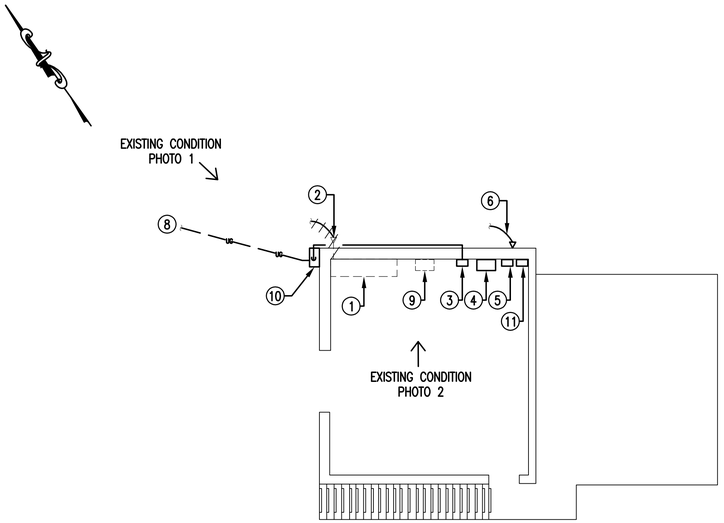


DEMOLITION & NEW WORK SITE PLAN

SCALE: 1/8" = 1'

0 4' 8' 16'

NOTES:

(#) (THIS SHEET ONLY)

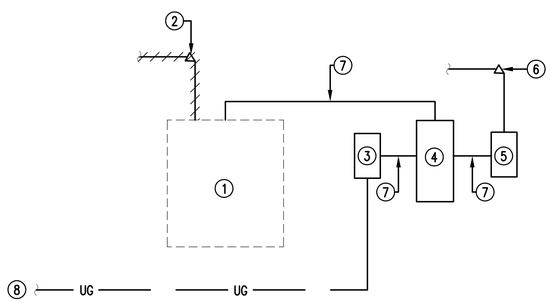
1. EXISTING 480V, 250A MOTOR CONTROL CENTER TO REMAIN.
2. EXISTING 4#250KCMIL; 3"C. WEATHERHEAD AND SERVICE MAST TO BE REMOVED.
3. NEW 480V, 250A ENCLOSED CIRCUIT BREAKER IN NEMA 4X STAINLESS STEEL ENCLOSURE.
4. NEW 480V, 250A AUTOMATIC TRANSFER SWITCH IN NEMA 4X STAINLESS STEEL ENCLOSURE. PROVIDE 3/4"C. AND CONDUCTORS AS REQUIRED FOR START/STOP SIGNAL TO GENERATOR.
5. NEW 480V, 250A/3P 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.
6. NEW 4#250KCMIL; 3"C. WEATHERHEAD AND SERVICE MAST. COORDINATE WITH POWER COMPANY TO HAVE EXISTING SERVICE DISCONNECTED AND NEW SERVICE CONNECTED.
7. NEW 4#250KCMIL, #4G; 3"C.
8. NEW 2 SETS:4#350KCMIL, #1G; 5"C., (1) 5" C. SPARE AND (1) 2" C. WITH START/STOP CONDUCTORS (UPSIZED FOR 1150' OF CONDUCTOR LENGTH) IN OPEN TRENCH TO CONNECT TO DIRECTIONAL BORING CONDUIT WITH BUTT FUSION ADAPTER. SEE SHEET E5 FOR SITE PLAN.
9. EXISTING SCADA PANEL TO REMAIN.
10. NEW 3R PULL BOX FOR GENERATOR FEEDER AND START/STOP SIGNAL MOUNTED ON THE EXTERIOR OF BUILDING AT FLOOR LEVEL OF RAW WATER PUMP STATION.
11. NEW SURGE SUPPRESSOR. PROVIDE CONDUCTORS AND CONDUIT AS RECOMMENDED BY MANUFACTURER AND CONNECT TO SERVICE DISCONNECT.

EXISTING CONDITION PHOTO 1

SCALE: NONE

EXISTING CONDITION PHOTO 2

SCALE: NONE



DEMOLITION & NEW WORK ELECTRICAL RISER

SCALE: NONE

REVISION	ITEM	DATE

GEORGIA REGISTERED NO. 045281 PROFESSIONAL ENGINEER PAUL E. WHITMIRE

SHEET: *DEMOLITION & NEW WORK PLANS - RAW WATER PUMP STATION*

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

E4