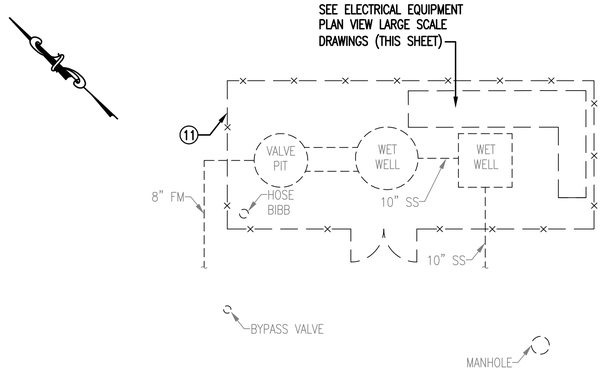
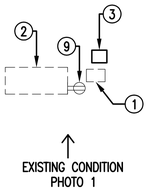


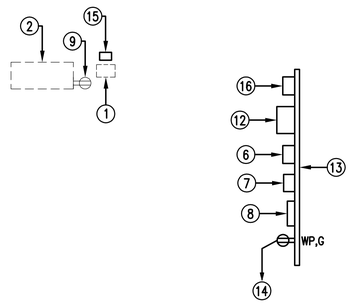
DEMOLITION & NEW WORK SITE PLAN

SCALE: 1/8" = 1' 0 4' 8' 16'



DEMOLITION ELECTRICAL EQUIPMENT PLAN VIEW

SCALE: 1/4" = 1'

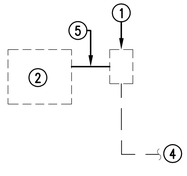


NEW WORK ELECTRICAL EQUIPMENT PLAN VIEW

SCALE: 1/4" = 1'

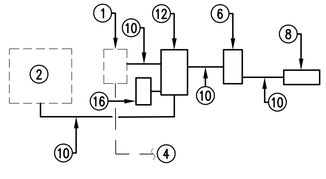
EXISTING CONDITION PHOTO 1

SCALE: NONE



DEMOLITION ELECTRICAL RISER

SCALE: NONE



NEW WORK ELECTRICAL RISER

SCALE: NONE

GENERAL NOTES:

(#) (THIS SHEET ONLY)

1. PROVIDE NEW PORTABLE GENERATOR FOR THIS SITE. SEE SCHEDULE IN SPECIFICATION SECTION 16310 PACKAGE ENGINE GENERATOR SYSTEMS, PARAGRAPH 1.5.

NOTES:

(#) (THIS SHEET ONLY)

1. EXISTING 240V, 3-PHASE, 100A/3P FUSED SERVICE DISCONNECT TO REMAIN.
2. EXISTING PUMP STATION CONTROL PANEL TO REMAIN.
3. EXISTING 240-240/120V, 3 KVA TRANSFORMER AND ADJACENT JUNCTION BOX TO BE REMOVED.
4. EXISTING 4#2; 2"C. TO REMAIN.
5. EXISTING 4#2, #8G; 2"C. TO BE REMOVED.
6. NEW 100A/3P ENCLOSED CIRCUIT BREAKER IN NEMA 4X STAINLESS STEEL ENCLOSURE.
7. HINGED NEMA 4X STAINLESS STEEL ENCLOSURE WITH 50' SOOW CABLE(S) AND PLUG(S) FOR PORTABLE GENERATOR BATTERY CHARGER, COOLANT HEATER, JACKET HEATER, ETC. AS REQUIRED BY PORTABLE GENERATOR. PLUG(S) SHALL MATCH RECEPTACLE(S) ON PORTABLE GENERATOR. HARDWIRE CABLE(S) TO LOAD CENTER.
8. NEW PORTABLE GENERATOR CAM LOCK CONNECTION IN NEMA 4X STAINLESS STEEL ENCLOSURE. CONNECTION TO MATCH PORTABLE GENERATOR CABLES.
9. EXISTING CONTROL PANEL MOUNTED RECEPTACLE TO REMAIN AND BE RE-FED FROM NEW LOAD CENTER WITH 2#12, #2G; 3/4"C. UNDERGROUND.
10. NEW 4#2, #8G; 2"C.
11. EXISTING FENCE TO REMAIN.
12. NEW 240/120V, 100A/3P DOUBLE THROW SWITCH IN NEMA 4X STAINLESS STEEL ENCLOSURE.
13. NEW 4" ALUMINUM CHANNEL EQUIPMENT SUPPORT STRUCTURE TO MATCH EXISTING. PROVIDE A NEW CONCRETE PAD UNDER THE ENTIRE LENGTH OF THE SUPPORT STRUCTURE X 5' WIDE. NEW VERTICAL CHANNEL SHALL BE INSTALLED IN A FOOTING OF 12"DIAMETER X 18" DEEP, MINIMUM.
14. NEW 2#12, #12G; 1/2"C. TO LOAD CENTER.
15. NEW SURGE SUPPRESSOR. PROVIDE CONDUCTORS AND CONDUIT AS RECOMMENDED BY MANUFACTURER AND CONNECT TO SERVICE DISCONNECT.
16. NEW 40A MAIN BREAKER, 240/120V SINGLE PHASE LOAD CENTER IN NEMA 4X STAINLESS STEEL ENCLOSURE. PROVIDE 3#8, #10G; 1"C TO LOAD SIDE OF NEW DOUBLE THROW SWITCH. PROVIDE TWO 20A/1P BREAKER FOR RECEPTACLES, BREAKER(S) FOR PORTABLE GENERATOR BATTERY CHARGER, COOLANT HEATER, JACKET HEATER, ETC. AS REQUIRED FOR PORTABLE GENERATOR, AND THREE 20A/1P BREAKERS SPARE.

REVISION	ITEM	DATE

GEORGIA REGISTERED NO. 045281 PROFESSIONAL ENGINEER PAUL E. WHITMIRE

SHEET: *DEMOLITION & NEW WORK PLANS - HOLIDAY INN PUMP STATION*

TOLAND MIZELL MOLNAR
500 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

E8