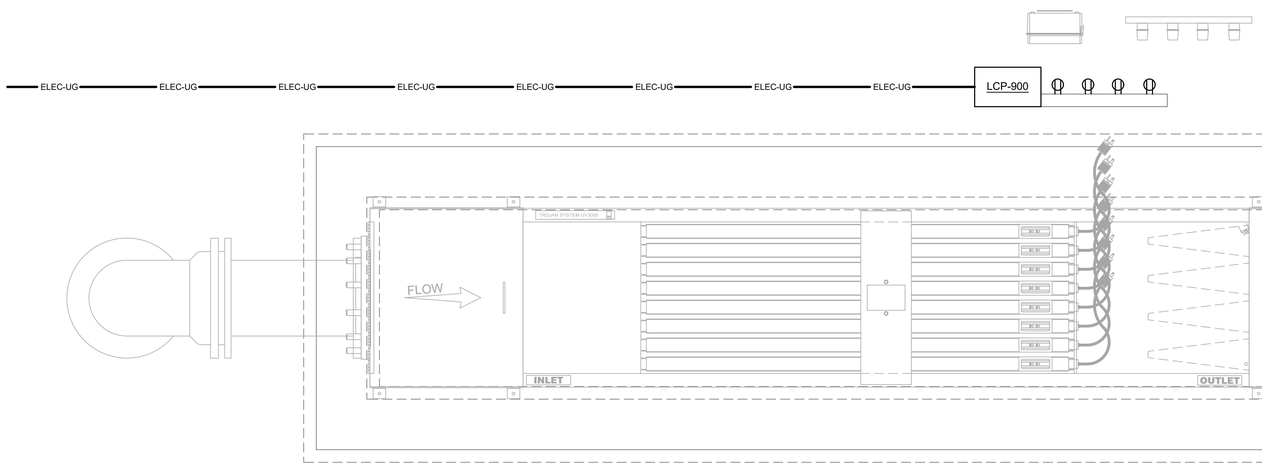
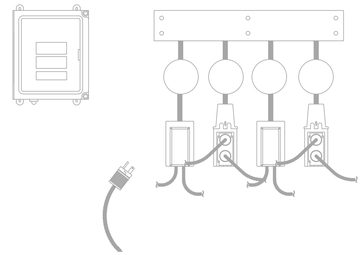


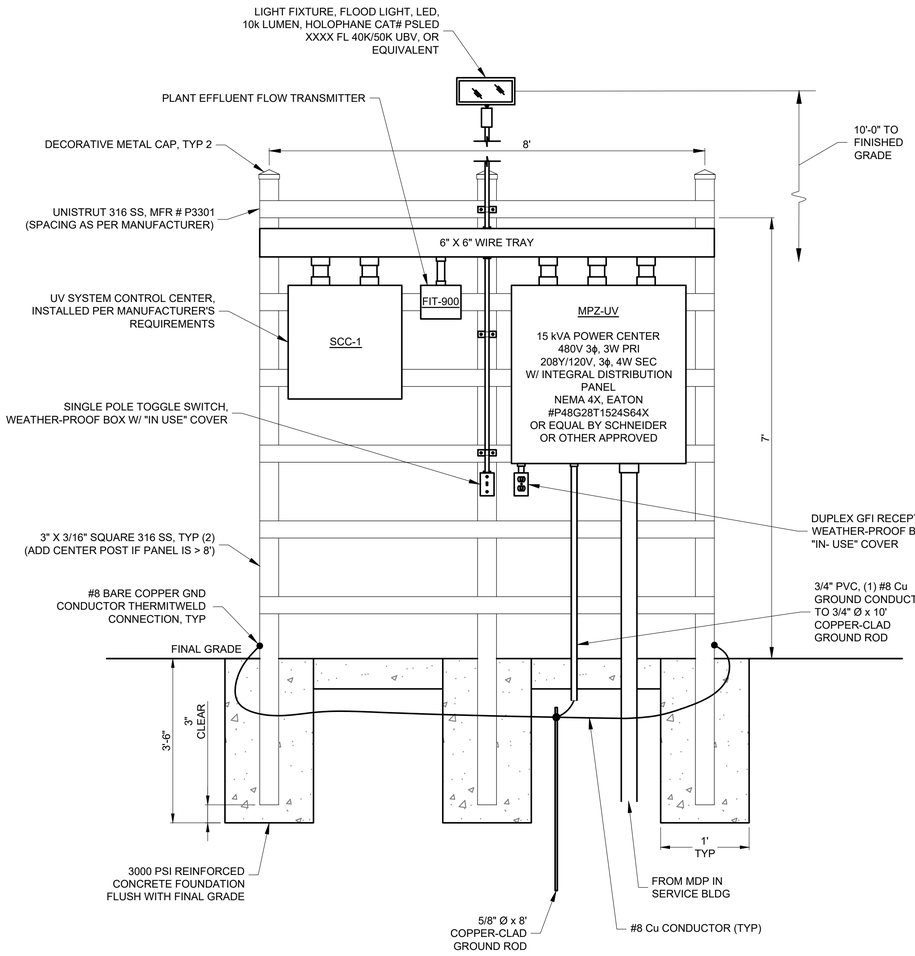


CODED NOTES:

1. ELECTRICAL BACKBOARD. SEE DETAILS THIS SHEET.
2. MINI-POWER ZONE "MPZ-UV", 15 kVA, 480-208/120V, 3ϕ, 100A BUS, 50A MCB, NEMA 4X WALL-MOUNTED ENCLOSURE. EATON #P48G28T1524S64X OR APPROVED EQUAL
3. UV SYSTEM CONTROL CENTER "SCC-1", SUPPLIED BY VENDOR, INSTALLED BY CONTRACTOR. SEE Y SERIES SHEETS FOR CONTROL WIRING DETAILS
4. UV SYSTEM POWER DISTRIBUTION CENTERS "PDC-1A,-1B".
5. FUTURE UV SYSTEM POWER DISTRIBUTION CENTERS "PDC-2A,-2B". INSTALL EMPTY CONDUIT FOR FUTURE EQUIPMENT AND CAP IN PLACE.
6. PLANT EFFLUENT FLOWMETER "FIT-900" WITH LOCAL DISPLAY. 4 - 20 mA LOOP POWERED FROM PLC-1 PANEL IN SERVICE BUILDING ELECTRICAL ROOM.
7. PLANT EFFLUENT FLOW DETECTOR PER SECTION 409123.33, 4 - 20 mA LOOP POWERED FROM FIT-900, (1) #18-2CS IN 3/4"C
8. PLANT EFFLUENT SAMPLER "P-900" WITH DEDICATED DUPLEX RECEPTACLE WITH WEATHERPROOF IN-USE COVER, (2) #12 + (1) #12 GND IN 3/4"C

GENERAL NOTES:

1. PROVIDE GROUNDING ELECTRODE SYSTEM PER NEC. PROVIDE APPROVED CONNECTORS AND GND FROM GROUND ROD TO THE MPZ SECONDARY.
2. ALL CIRCUIT WIRING TO BE (2) #12 + (1) #12 GND IN 3/4"C, UNO.



UV SYSTEM ELECTRICAL BACKBOARD DETAIL

SCALE: NONE

BID SET

verdantas

NO	REVISION	DATE
1	ADDENDUM #3	9/30/2026

ISSUED FOR:	BIDDING
ISSUE DATE:	7/20/2026
SCALE:	AS NOTED
DESIGNED BY:	----
DRAWN BY:	----
CHECKED BY:	----

ADAMS COUNTY
NORTH ADAMS REGIONAL WASTEWATER TREATMENT PLANT
ADAMS COUNTY WINCHESTER, OHIO

ELECTRICAL - E SERIES

UV DISINFECTION - ELECTRICAL PLAN

PROJECT NO.	200619
DISCIPLINE	ELECTRICAL
SHEET NAME	E-11
SHEET	74
OF	79