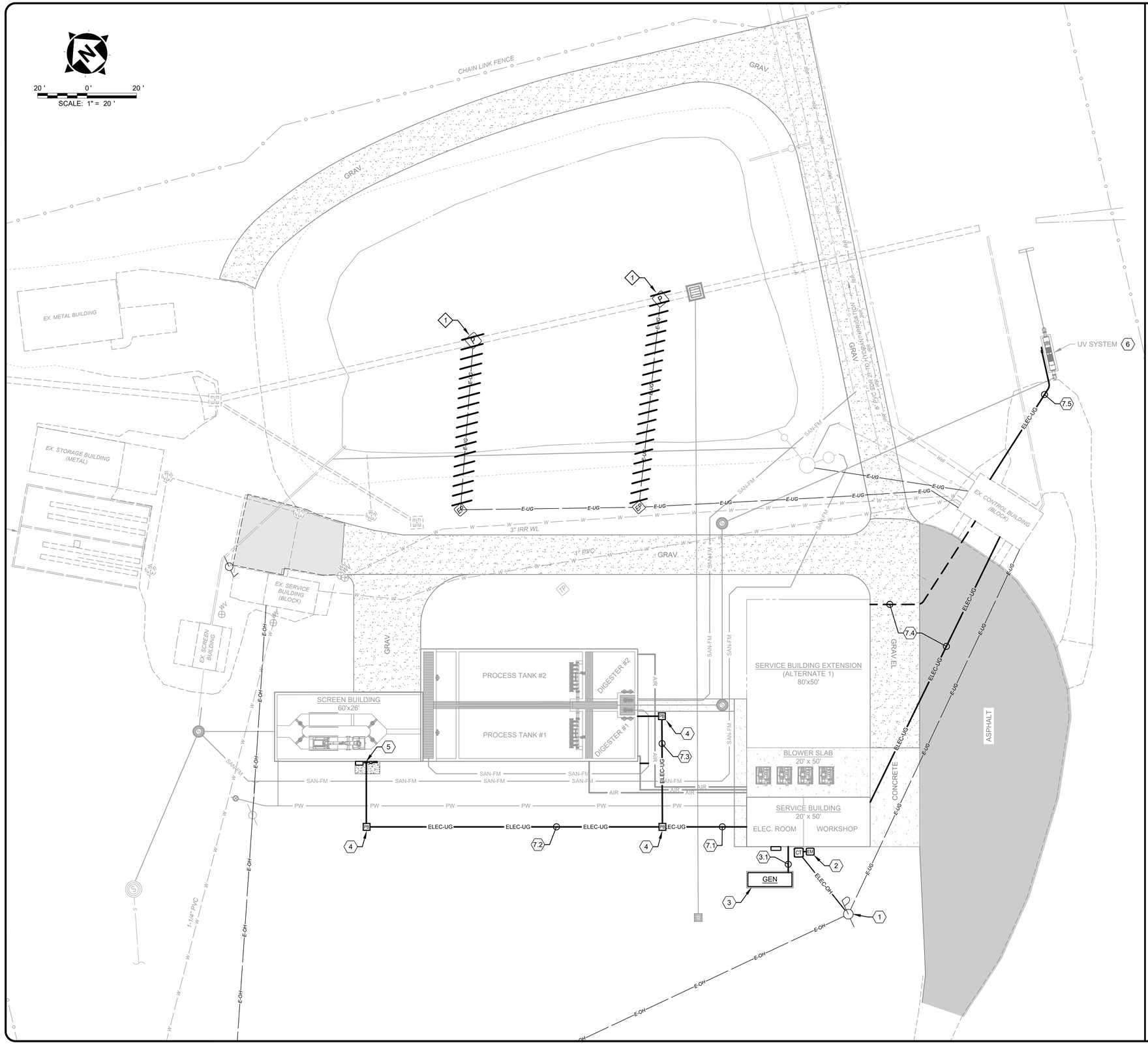



## GENERAL NOTES:

1. EXISTING EQUIPMENT BASED ON DRAWING SET BY WILLIAM D. McCULLOUGH DATED SEPTEMBER, 1990, AS WELL AS CHANGES NOTED DURING SITE VISITS.
2. ALL MENTIONS OF "UTILITY" REFERENCE AEP OHIO AS THE SERVICING UTILITY OF RECORD. ALL SERVICE EQUIPMENT TO MEET THEIR STANDARDS IN ADDITION TO THE NEC AND LOCAL REGULATIONS.
3. ALL PROPOSED UNDERGROUND DUCT BANKS SHALL UTILIZE SCHEDULE-40 PVC CONDUIT, 1-1/2" MINIMUM TRADE SIZE, AND BE INSTALLED WITH SWEEPS OF A MINIMUM RADIUS OF 36".

## (X) CODED NOTES - DEMOLITION:

1. REMOVE EXISTING LAGOON AERATION PUMPS. DEMOLISH UNDERGROUND CONDUIT BACK TO EXISTING PULL BOXES AND FEEDER CONDUCTORS BACK TO DISTRIBUTION GEAR IN EXISTING CONTROL BUILDING.

## (X) CODED NOTES - PROPOSED:

1. EXISTING POWER POLE, UTILITY TO INSTALL NEW TRANSFORMERS TO PROVIDE 480V, 3ϕ, 200A TO NEW WWTP.
2. CT CABINET & METER PER UTILITY, INSTALLED BY CONTRACTOR ON BUILDING EXTERIOR WITH CONDUIT AERIAL AND WEATHERHEAD TO SUPPORT OVERHEAD SERVICE CONDUCTORS.
3. DIESEL-FUELED BACKUP GENERATOR "GEN", 200 kW / 480V / 3ϕ / 4-W OUTPUT WITH ???A LCB.
4. TYPICAL IN-GRADE HANDHOLE TYPE ELECTRICAL PULL BOX, SIZED AS NEEDED TO SUPPORT DUCT BANKS. SEE SECTION 260543 AND SHEET #75, E-12 FOR DETAILS.
5. SCREENING BUILDING ELECTRICAL BACKBOARD, INSTALLED SEPARATELY FROM STRUCTURE ON ITS OWN RACK PER DETAILS ON BUILDING PLAN SHEET #68, E-05. INSTALL CONCRETE HOUSEKEEPING PAD BELOW RACK PER DETAILS ON SAME SHEET.
6. PLANT EFFLUENT UV SANITATION SYSTEM, IN-PIPE TROJANUV3000PTP TYPE, POWERED BY (2) 120V, 20A CIRCUITS FROM PANEL IN EXISTING CONTROL BUILDING. (1) ADDITIONAL 120V,15A CIRCUIT FROM THE SAME PANEL POWERS THE SYSTEM MONITOR UNIT. 4-20 mA ANALOG SIGNALS FOR FLOW AND UV LEVEL TO BE ROUTED BACK TO PLANT PLC IN ELECTRICAL ROOM.
7. DUCT BANK CONDUIT SUMMARIES, SEE FEEDER SCHEDULE FOR CONDUCTOR DETAILS:
   - 7.1. (X) 1-1/2": SCREENING BUILDING FEEDER F-0X;
   - 7.2. (3) 1-1/2": SCREENING BUILDING FEEDER F-0X; ANALOG SIGNALS & COMMUNICATION NETWORK; DIGITAL SIGNALS
   - 7.3. (X) 1-1/2": PROCESS TANK #1 DECANTER FEEDER F-XX; PROCESS TANK #2 DECANTER FEEDER F-XX; PROCESS TANK #1 WAS PUMP FEEDER F-XX; PROCESS TANK #2 WAS PUMP FEEDER F-XX; SBR DIGESTED SLUDGE PUMP FEEDER F-XX; SBR SUPERNATANT PUMP FEEDER F-XX; SBR AIR FLOW CONTROL VALVES POWER & DIGITAL SIGNALS FEEDER F-XX; SBR DIGITAL SIGNALS; SBR ANALOG SIGNALS
   - 7.4. (1) 1-1/2": PLANT EFFLUENT FLOW & UV LEVEL ANALOG SIGNALS. DASHED LINE INDICATES ROUTING FOR CONTRACT ALTERNATE 1.
   - 7.5. (4) 1-1/2": UV SYSTEM POWER #1; UV SYSTEM POWER #2; UV SYSTEM MONITOR; UV LEVEL & PLANT EFFLUENT FLOW ANALOG SIGNALS

BID SET

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

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| 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
WINCHESTER, OHIO
ADAMS COUNTY
ELECTRICAL - E SERIES
ELECTRICAL SITE PLAN

PROJECT NO.
200619
DISCIPLINE
ELECTRICAL
SHEET NAME
E-02
SHEET 65 OF 79

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