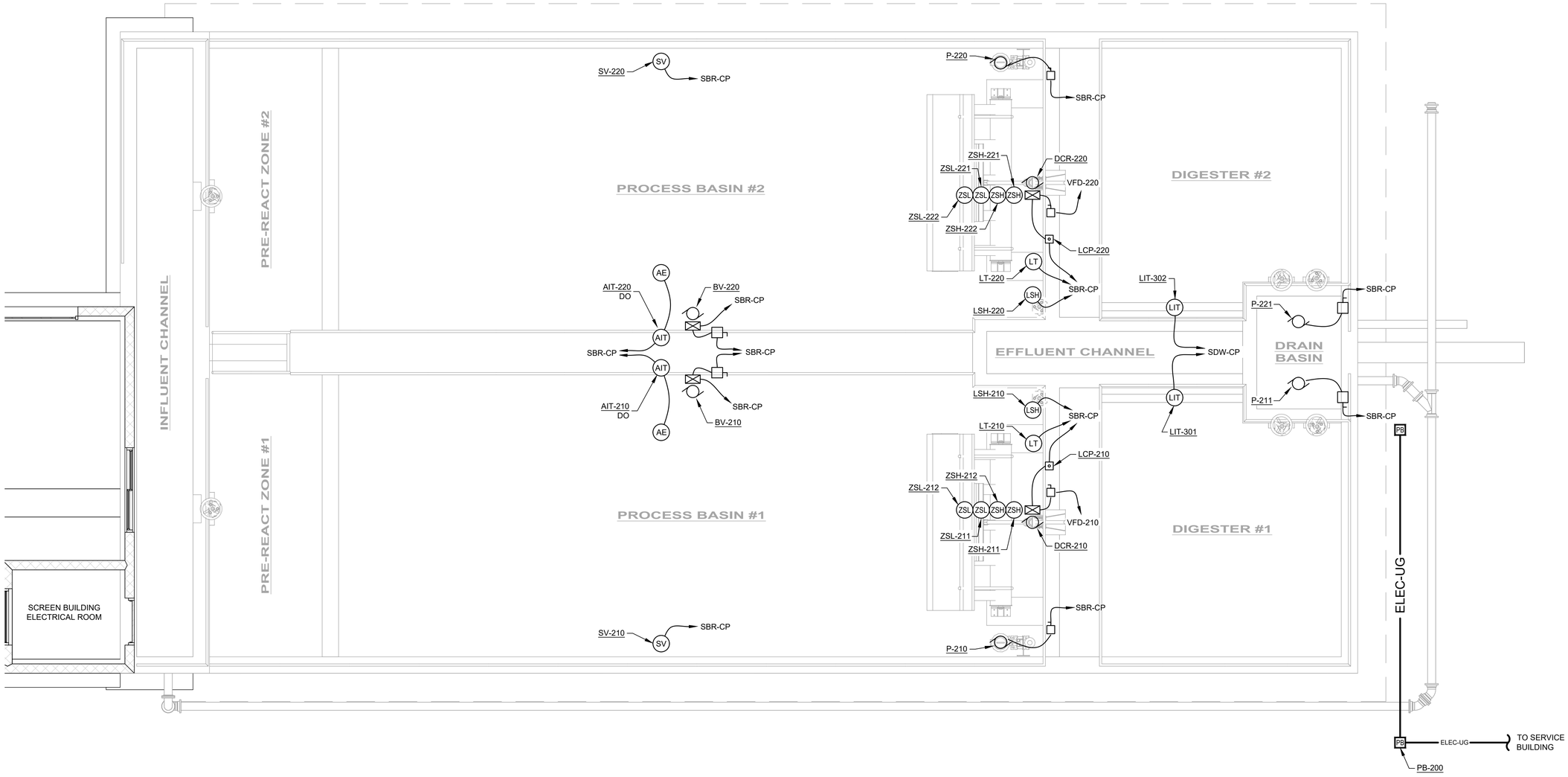


SBR TANKS - POWER & INSTRUMENTATION PLAN

SCALE: 1/4" = 1'-0"

CODED NOTES:

1. SUBMERSIBLE PUMP MOTOR FURNISHED WITH CABLE. PROVIDE SS CABLE RACK AND GRIP. TERMINATE CABLE IN THE LOCAL DISCONNECT, PROVIDE SEALING CABLE GLAND AT CABLE ENTRY INTO SWITCH ENCLOSURE.
2. DECANTER MOTOR, INSTRMENTATION, AND LOCAL CONTROL STATION. PROVIDE MOTOR DISCONNECT SWITCH AND VERIFY ALL WIRING REQUIREMENTS WITH THE APPROVED SHOP DRAWINGS.
3. VALVE ACTUATOR COMPLETE WITH INTEGRAL CONTROL STATION. VERIFY THAT THE LOCAL CONTROLS CAN BE ACCESSIBLE OR PROVIDE SEPARATE CONTROL ENCLOSURE. COORDINATE WITH VALVE SUPPLIER.

GENERAL NOTES:

1. IN ACCORDANCE WITH NFPA 820, 18" ENVELOPE AROUND THE SBR TANKS SHALL BE CONSIDERED A HAZARDOUS AREA - NEC DIVISION 1 CLASS 2. EQUIPMENT LOCATED WITHIN THIS ENVELOPE SHALL BE LISTED FOR INSTALLATION IN SUCH AREA. USE NEC APPROVED WIRING METHODS.
2. LOCATE ALL GENERAL PURPOSE ENCLOSURES OUTSIDE OF THE HAZARDOUS ENVELOPE.
3. WHEN ROUTING CONDUIT THROUGH THE HAZARDOUS ENVELOPE, FOLLOW NEC REQUIREMENTS FOR CONDUIT CONTINUITY AND SEALING.
4. ROUTE ALL WIRING FROM THIS AREA BACK TO THE SERVICE BUILDING VIA PULL-BOXES AT PB-200. VERIFY OPTIMAL CONDUIT ROUTING AT THE TANKS WITH OWNERS CONSTRUCTION REPRESENTATIVE PRIOR TO INSTALLATION.
5. ROUTE POWER CONDUCTORS THROUGH SEPARATE RACEWAYS AND PULL BOXES FROM INSTRUMENTATION AND SIGNAL CABLING. PROVIDE DEDICATED CONDUIT FOR VFD CABLES.

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
WINCHESTER, OHIO
ADAMS COUNTY

ELECTRICAL - E SERIES

SBR TANKS - POWER & INSTR. PLAN

PROJECT NO. 200619
DISCIPLINE ELECTRICAL
SHEET NAME E-10
SHEET 73 OF 79