

- NOTES:
- ALL PIPE SUPPORTS SHALL BE REPLACED. SEE STRUCTURAL SHEETS AND DETAIL SHEETS FOR ADDITIONAL INFORMATION ON PIPE SUPPORTS.
  - ALL WORK AT THE PLANT SHALL BE COORDINATED WITH JWSC WWTP OPERATIONS STAFF.
  - INSTALLATION OF NEW COMPONENTS SHALL BE PHASED SUCH THAT THE OXYGEN SYSTEM REMAINS IN SERVICE DURING CONSTRUCTION. ONLY ONE UNOX BASIN, OXYGEN TANK AND FEED CONTROL SYSTEM CAN BE REMOVED FROM SERVICE AT A TIME.
  - ALL REPLACED VALVES SHALL BE STAINLESS STEEL SUITABLE FOR USE IN OXYGEN SERVICE. BUTTERFLY VALVES SHALL BE DEZURIK VALVE: BHP, SIZE, L1, S2 TC, S2-S10-FT-TI-EMO, S01338. MOTOR-ACTUATORS SHALL BE ROTORK IQT250 OR IQT500.
  - BLOWER ACCESSORIES SHALL, AT MINIMUM, INCLUDE:  
1-SET OF NEOPRENE BASE PADS  
1-COUPLING AND COUPLING GUARD  
1-6" EXPANSION JOINT  
1-6" WAFER-STYLE CHECK VALVE  
1-6" INLET BUTTERFLY VALVE-LEVER-OPERATED, METAL SEAT (ON INLET)  
1-6" OUTLET BUTTERFLY VALVE-LEVER-OPERATED, RESILIENT SEAT (ON-OUTLET)  
1-SMARTMETER CONTROL PANEL WITH SURGE/OVERLOAD PROTECTION  
1-FS-1 TWO-STAGE INLET FILTER/SILENCERS
  - THE CONTRACTOR SHALL INSTALL NEW DISSOLVED OXYGEN PROBE, SUPPLIED BY SCADA INTEGRATOR, AT UNOX BASIN 1 AT A LOCATION TO BE DETERMINED BY JWSC STAFF.

NOTE: ALL ELEVATIONS ARE NAVD 1988.

ISSUED FOR BID

GEORGIA  
REGISTERED  
No. 25429  
PROFESSIONAL  
ENGINEER  
JOHN C. BARK

HEALTH PROTECTION CENTER  
SINCE 1900  
CALL BEFORE YOU DIG

HUSSEY GAY BELL

Established 1958

329 COMMERCIAL DRIVE, SAVANNAH, GA 31406 / T:912.354.4626

REVISIONS:  
1. REVISION PER ADDENDUM 3

DESIGNED JCB	DRAWN SKK	CHECKED JCB
DATE: JUNE 2018		
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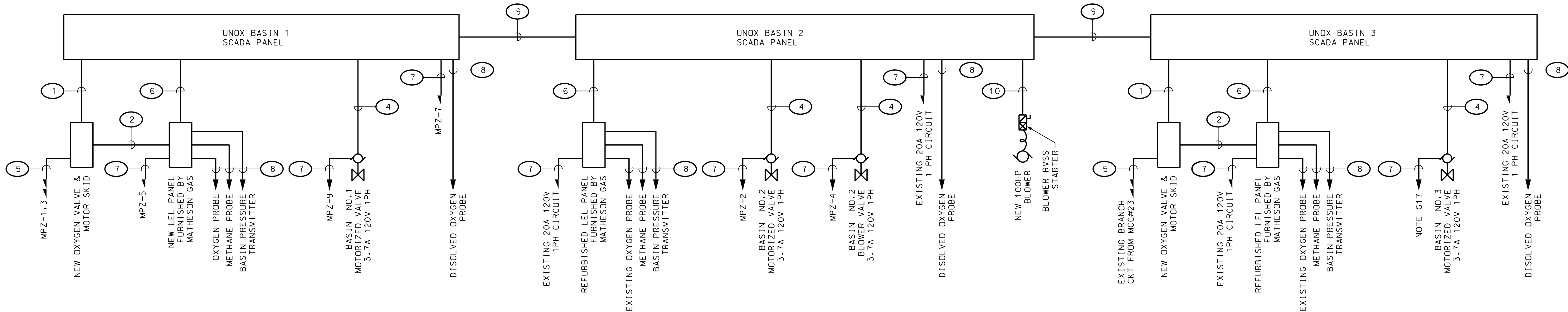
ACADEMY CREEK WWTP OXYGEN PIPING REPLACEMENT  
FOR THE  
BRUNSWICK-GLYNN COUNTY  
JOINT WATER & SEWER COMMISSION  
OXYGEN SYSTEM REPLACEMENT PLAN

DRAWING NUMBER  
04  
OF XX



LEGEND	
SYMBOL	DESCRIPTION
	A-1,3,5 A-1,3,5 ADJACENT TO ARROW INDICATES HOME-RUN OF CIRCUITS 1,3,5 TO PANEL A. 3,5 OR A-3,5 ADJACENT TO ARROW INDICATES CIRCUIT CONTINUATION. MARKS ACROSS RACEWAY RUNS INDICATE THE NUMBER OF NO.12 CONDUCTORS. UNLESS NOTED, NO MARKS INDICATES TWO NO.12 CONDUCTORS. EQUIPMENT GROUNDING CONDUCTORS ARE NOT SHOWN, SEE GENERAL NOTES. IF INDICATED ADJACENT TO OUTLET, NUMERAL AND LOWER CASE LETTER INDICATES CIRCUIT CONNECTION AND SWITCHLEG DESIGNATION RESPECTIVELY. TYPE B OR CAPITAL LETTER B INDICATES LIGHT FIXTURE TYPE. UNLESS NOTED, DIMENSIONS INDICATED IN LEGEND AND ON PLANS ARE TO BOTTOM OF OUTLET OR DEVICE. ALL SYMBOLS INDICATED HEREIN MAY NOT NECESSARILY BE USED ON THE PLANS.
	CEILING OUTLET AND LED FIXTURE
	WALL MOUNTED JUNCTION BOX
	DUPLEX RECEPTACLE- MT. 16" AFF
	WEATHERPROOF DUPLEX RECEPTACLE, MT. 16" ABOVE FLOOR AND 36" ABOVE EARTH
	SPECIAL PURPOSE RECEPTACLE, CAPITAL LETTER INDICATES TYPE- REFER TO SPECS OR SCHEDULE
	GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE- MT. 48" AFF AND/OR ABOVE COUNTER TOP OR AS INDICATED
	DUPLEX RECEPTACLE, NEMA 5-20R- MT. 16" AFF
	SINGLE POLE TOGGLE SWITCH - MT. 48" UP W/ WEATHERPROOF ENCLOSURE
	EMERGENCY POWER-OFF PUSHBUTTON STATION
	PANELBOARD, SURFACE MOUNTED
	DRY-TYPE TRANSFORMER - VOLTAGE, PHASE, AND KVA AS INDICATED
	EQUIPMENT AS NOTED
	MOTOR, HORSEPOWER AS INDICATED
	NON-FUSIBLE DISCONNECT SWITCH, RATING/POLES/ENCLOSURE AS INDICATED
	FUSIBLE DISCONNECT SWITCH, RATING/POLES/ENCLOSURE, FUSES AS INDICATED
	MAGNETIC STARTER
	COMBINATION MAGNETIC STARTER/NON-FUSIBLE DISCONNECT SWITCH
	COMBINATION MAGNETIC STARTER/FUSED DISCONNECT SWITCH
	RACEWAY INSTALLED CONCEALED IN WALLS AND/OR ABOVE CEILING
	RACEWAY INSTALLED CONCEALED IN/OR BELOW FLOOR SLAB OR BELOW GRADE
	RACEWAY INSTALLED EXPOSED
	FLEXIBLE METALLIC RACEWAY
	CONDUIT STUB-UP AND HOMERUN
	CONDUIT UP/CONDUIT DOWN
	CONDUIT TERMINATION, STUB-OUT
	GROUND
	MOTORIZED VALVE SEE PLAN FOR REQUIREMENTS

- LEGEND:**
- 1" C W/ CONDUCTORS AS REQUIRED FOR CONTROL AND COMMUNICATIONS TO IN-PLANT SCADA. NOTE G15.
  - 1" C W/ CONDUCTORS AS REQUIRED BY MATHESON GAS FOR SYSTEM MANAGEMENT. NOTE G16.
  - 3/4" C W/ ONE 16AWG T.S. PAIR (BELDEN 5240F1) CABLE FROM FLOWMETER.
  - 3/4" C W/ 7 NO.14. 1 NO.14(G).
  - 3/4" C W/ 3 NO.12. 1 NO.12(G).
  - 3/4" C W/ ONE ETHERNET CABLE.
  - 3/4" C W/ 2 NO.12. 1 NO.12(G).
  - 3/4" C W/ CABLE FURNISHED WITH PROBE/TRANSMITTER.
  - 2 1/2" C W/ OPTICAL FIBER CABLE.
  - 1" C W/ 6 NO.14. 1 NO.14(G) PAIRS FOR 'START/STOP', 'MOTOR RUN', 'MOTOR FAIL'.



**1 SYSTEM CONTROL & POWER RISER**  
E1 NOT TO SCALE

**GENERAL NOTES:** (APPLICABLE TO ALL DRAWINGS)

- REFER TO CIVIL PLANS FOR EXACT LOCATION OF EQUIPMENT.
- WHEN CONDUCTOR SIZE IS INDICATED FOR BRANCH CIRCUIT HOME RUN, THE CONDUCTOR SIZE INDICATED SHALL BE USED FOR THE COMPLETE CIRCUIT.
- ARROWHEAD OF PANELBOARD DESIGNATION ON DRAWINGS INDICATES FACE OF PANELBOARD.
- EQUIPMENT GROUNDING CONDUCTORS SHALL BE PROVIDED FOR ALL BRANCH AND FEEDER CIRCUITS.
- PROVIDE A NYLON PULL CORD IN ALL EMPTY CONDUIT 3/4" IN DIAMETER. PROVIDE A GALVANIZED PULL WIRE IN ALL EMPTY CONDUITS 1" AND LARGER. DEADEND RUNS SHALL BE TERMINATED WITH INSULATED BUSHINGS AND SHALL BE CAPPED. ADDITIONALLY, DEADENDS SHALL BE LABELLED TO INDICATE SYSTEM AND LOCATION OF OPPOSITE END. LABEL CONDUITS WITH THOMAS & BETTS NYLON TYPE 1.D. TIES AND BLACK MARKER PEN SPECIFICALLY INTENDED FOR SUCH USE.
- HOLD CONCEALED CONDUITS AS TIGHT TO THE STRUCTURE AS POSSIBLE AND ABOVE PIPING. ALL CONDUITS SHALL BE RUN PARALLEL OR PERPENDICULAR TO THE BUILDING STRUCTURE. WHERE LB OR SIMILAR FITTINGS ARE USED FOR PULL POINTS, SUCH FITTINGS SHALL BE READILY ACCESSIBLE AND SHALL NOT CONTAIN SPLICES AND SHALL BE SIZED PER NEC. COORDINATE THE LOCATIONS OF THESE FITTINGS WITH OTHER TRADES SO THEY ARE NOT COVERED BY PIPING.
- CONCUITS ENTERING SURFACE MOUNTED PANELS SHALL BE GROUPED AND SECURED TO LIGHTWEIGHT CHANNEL WITH INDIVIDUAL CLAMPS.
- CIRCUITS WITH GFCI RECEPTACLES SHALL HAVE A DEDICATED NEUTRAL CONDUCTOR.
- SERIES A.I.C. RATING CIRCUIT BREAKER COMBINATIONS ARE NOT ACCEPTABLE.
- REFER TO THE APPROPRIATE DRAWINGS FOR THE EXACT LOCATION OF EQUIPMENT INSTALLED UNDER OTHER DIVISIONS REQUIRING ELECTRICAL SERVICE. PROVIDE FINAL CONNECTIONS TO EQUIPMENT.
- ALL WEATHERPROOF RECEPTACLES SHALL BE RATED "WEATHER RESISTANT" (WR) TYPE AND SHALL HAVE A EXTRA DUTY COVER THAT MAINTAINS THE WEATHERPROOF INTEGRITY OF THE OUTLET WITH THE ATTACHMENT PLUG CAP INSERTED OR REMOVED. COVERS SHALL BE SELF CLOSING AND SHALL HAVE A LOCKING TAB.
- SEAL ALL CONDUITS ENTERING EXTERIOR MOUNTED ELECTRICAL EQUIPMENT WITH DUCT SEAL.
- INSTALL ALL RECEPTACLES WITH GROUND ON TOP.
- INSTALLATION OF EQUIPMENT SHALL BE COORDINATED WITH OTHER TRADES FOR SPACE REQUIREMENTS AND CONNECTION ARRANGEMENTS. EQUIPMENT SHALL BE INSTALLED TO MAINTAIN CLEARANCES AS RECOMMENDED BY MANUFACTURER OF EQUIPMENT OR CODES AND SHALL BE INSTALLED TO MAINTAINED ACCESS TO ALL SERVICEABLE PARTS.
- THE CONTRACTOR SHALL FIELD COORDINATE WITH MATHESON GAS AND M R SYSTEMS FOR ANNUNCIATION OF CONDITIONS AND CONTROL OF OXYGEN SYSTEM BY THE IN-PLANT SCADA. FURNISH CONDUIT AND WIRE AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.
- THE CONTRACTOR SHALL FIELD COORDINATE WITH MATHESON GAS FOR REQUIRED CONDUIT AND CONDUCTORS (SIGNAL/COMMUNICATIONS) BETWEEN OXYGEN VALVE SKID AND THE MATHESON LEL PANEL.
- EXTEND 20A 120V 1PH BRANCH CIRCUIT FROM MCC#23.

**DEMOLITION NOTES:** (GENERAL)

- VISIT SITE AND VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING BID. BID SHALL INCLUDE ALL REQUIRED DEMOLITION AND/OR RELOCATION OF EQUIPMENT IN RENOVATED AREAS. WHETHER SUCH WORK IS OR IS NOT INDICATED ON THE DRAWINGS.
- RELOCATED EQUIPMENT AND EXISTING EQUIPMENT TO REMAIN AFTER DEMOLITION SHALL MEET THE REQUIREMENTS OF NEW CONSTRUCTION WORK.
- DEMOLITION REQUIRES FIELD IDENTIFICATION OF PANELBOARDS, SWITCHES, ALL DEVICES, ETC., BRANCH CIRCUITS AND THEN THE REMOVAL OF ALL SUCH CIRCUITS AND ASSOCIATED EQUIPMENT NOT REUSED. CONTRACTOR SHALL FIELD TRACE EACH BRANCH CIRCUIT TO REMAIN AND TO BE DEMOLITIONED WITH CIRCUIT TRACER. REMOVE ALL BRANCH CIRCUITS NOT REUSED BACK TO POINT OF ORIGATION.
- MAINTAIN AND RESTORE, IF INTERRUPTED, ALL CONDUITS, FEEDERS, BRANCH CIRCUITS, ETC. PASSING THROUGH RENOVATED AREAS SERVING UNDISTURBED AREAS.
- EXISTING ELECTRICAL WORK REMAINING IN RENOVATED AREAS, AND INTERRUPTED BY NEW WORK, SHALL BE RESTORED TO ORIGINAL CONDITION. RESTORE ALL CIRCUITS INTERRUPTED BY NEW WORK.
- EXISTING COMMUNICATION SIGNALING SYSTEMS OUTSIDE RENOVATED AREA SHALL NOT BE AFFECTED BY WORK PERFORMED UNDER THIS CONTRACT.
- MAINTAIN BRANCH CIRCUITS OUTSIDE RENOVATED AREA.

# HUSSEY GAY BELL

Established 1958

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REVISIONS:  
1. REVISED PER ADDENDUM 3

DESIGNED	CC	DRAWN	LC	CHECKED	CC
DATE: NOVEMBER 2018					
JOB NO. 118291604					
SCALE: AS SHOWN					

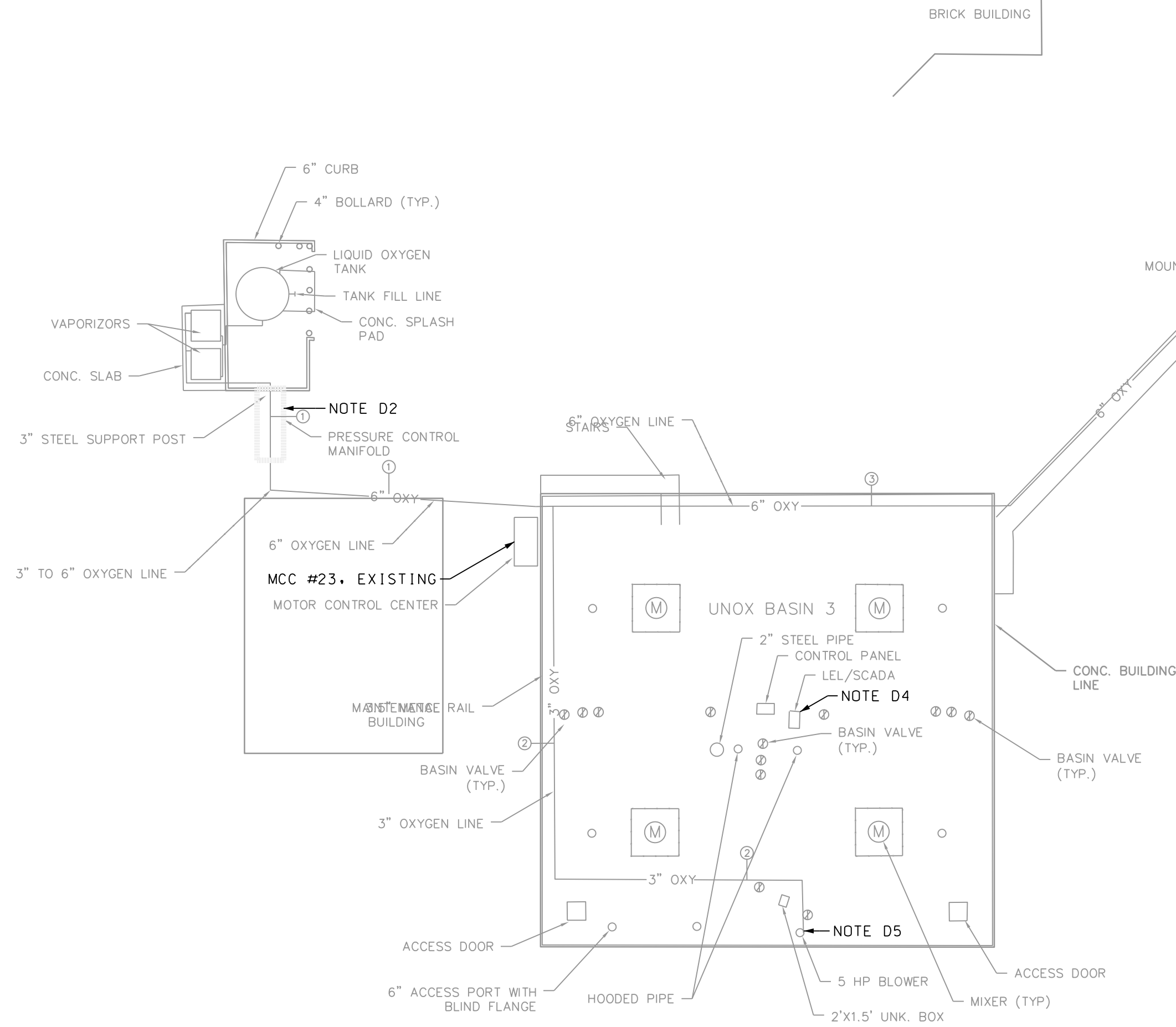
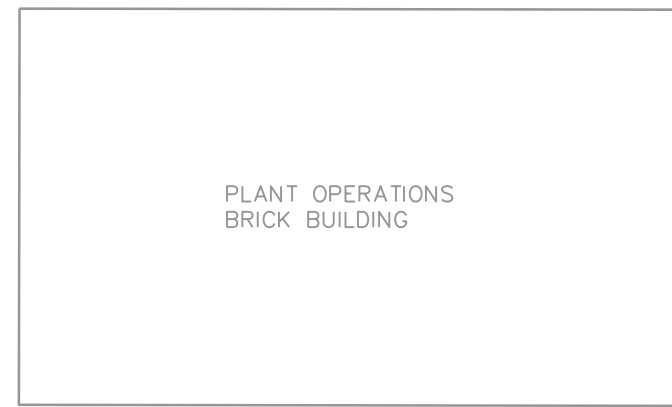
ACADEMY CREEK WWTP OXYGEN PIPING REPLACEMENT  
FOR THE  
BRUNSWICK-GLYNN COUNTY  
JOINT WATER & SEWER COMMISSION

LEGEND & GENERAL NOTES

DRAWING NUMBER  
E1

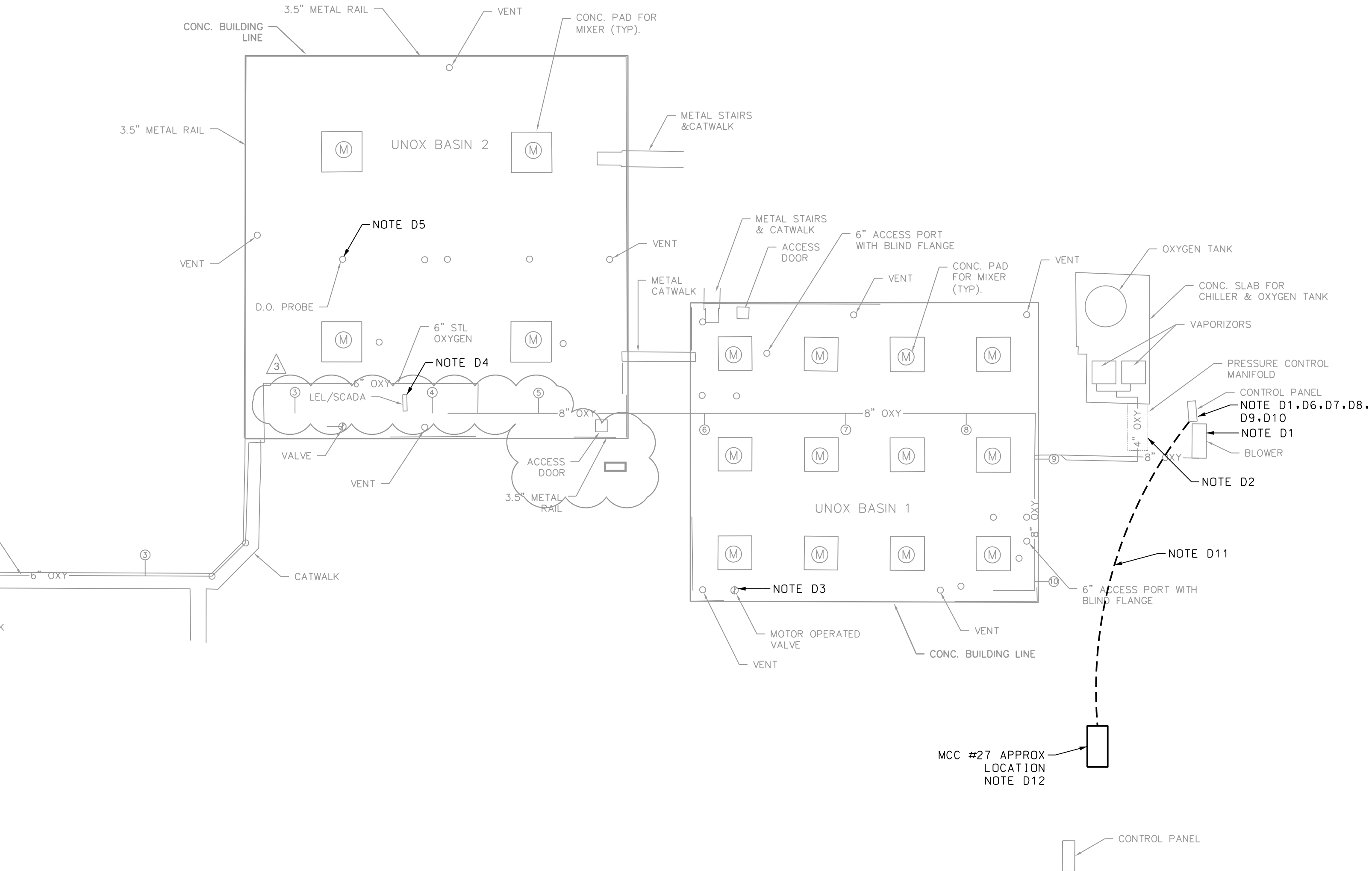
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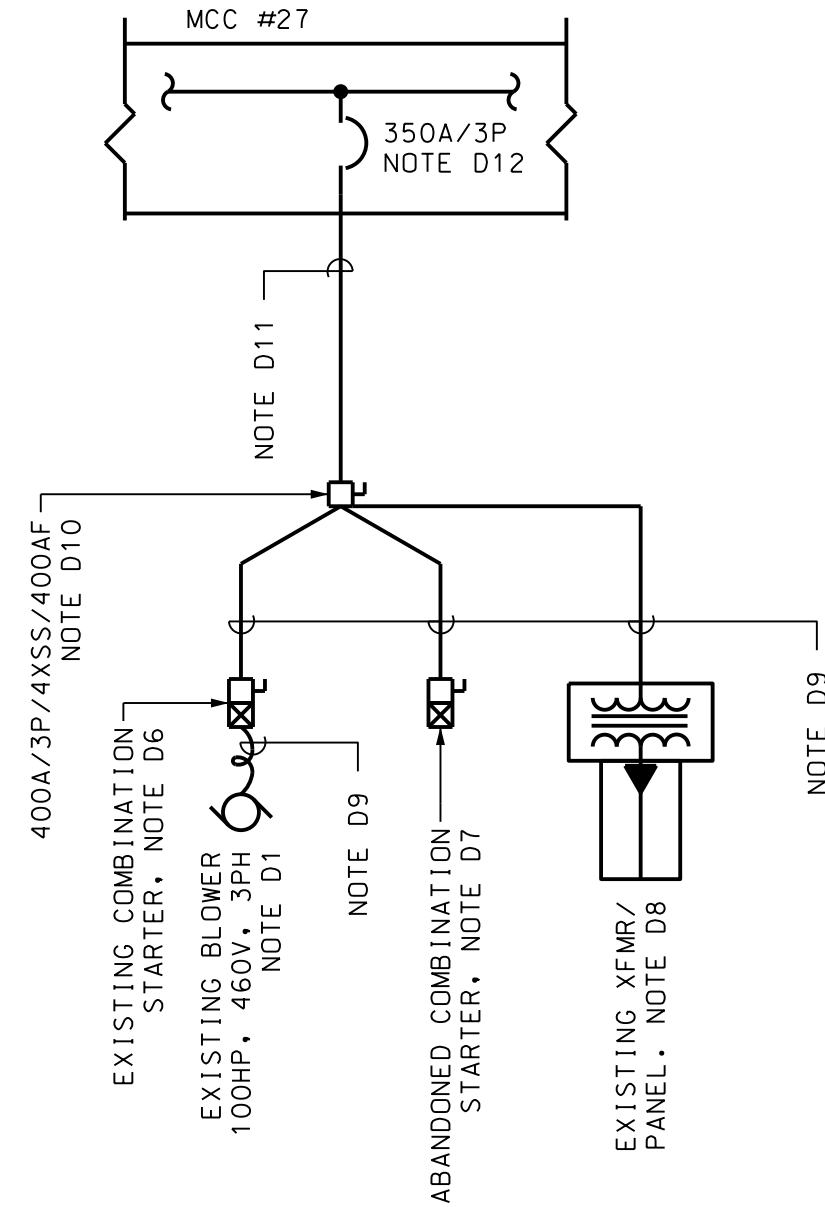


1 DEMOLITION PLAN - ELECTRICAL  
E2 SCALE: 1" = 20' - 0"

- NOTES:
- D1. DISCONNECT THE EXISTING 100HP BLOWER. DISCONNECT AND REMOVE EXISTING FVNR STARTER AND ENCLOSURE. RETAIN THE FEEDER CIRCUIT BACK TO THE SOURCE BREAKER IN MCC #27.
  - D2. DISCONNECT EXISTING POWER AND COMMUNICATIONS CONDUITS AND CONDUCTORS FROM THE EXISTING PRESSURE CONTROL MANIFOLD. DEMOLISH ALL FOR REUSE.
  - D3. DISCONNECT THE EXISTING MOTOR OPERATED VALVE. RETAIN THE EXISTING POWER AND CONTROL CONDUITS AND CONDUCTORS FOR REUSE.
  - D4. DISCONNECT AND REMOVE THE EXISTING OXYGEN LEVEL CONTROL PANEL. RETAIN THE EXISTING BRANCH POWER CIRCUIT FOR REUSE.
  - D5. DISCONNECT THE EXISTING 5HP BLOWER. RETAIN BRANCH FEEDER CONDUIT AND WIRE FOR REUSE.
  - D6. DISCONNECT AND REMOVE THE EXISTING COMBINATION STARTER FOR THE 100HP BLOWER.
  - D7. DISCONNECT AND REMOVE THE EXISTING/ABANDONED COMBINATION STARTER.
  - D8. DISCONNECT AND REMOVE THE EXISTING TRANSFORMER/PANEL.
  - D9. DEMOLISH THE EXISTING CONDUIT AND WIRE.
  - D10. DISCONNECT AND REMOVE THE EXISTING 400A/3P/4X/400AF DISCONNECT SWITCH.
  - D11. DISCONNECT AND REMOVE THE EXISTING FEEDER CONDUCTORS BACK TO THE 350A/3P BREAKER IN MCC #27. THE CONDUIT SHALL BE RETAINED FOR REUSE.
  - D12. DISCONNECT THE FEEDER FROM THE BREAKER. THE BREAKER SHALL BE RETAINED FOR REUSE.



2 DEMOLITION PLAN - ELECTRICAL  
E2 N.T.S.



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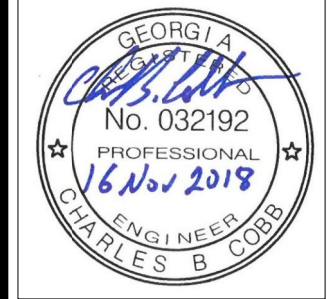
ACADEMY CREEK WWTP OXYGEN PIPING REPLACEMENT  
FOR THE  
BRUNSWICK-GLYNN COUNTY  
JOINT WATER & SEWER COMMISSION  
DEMOLITION PLAN

DRAWING NUMBER  
E2  
OF xx



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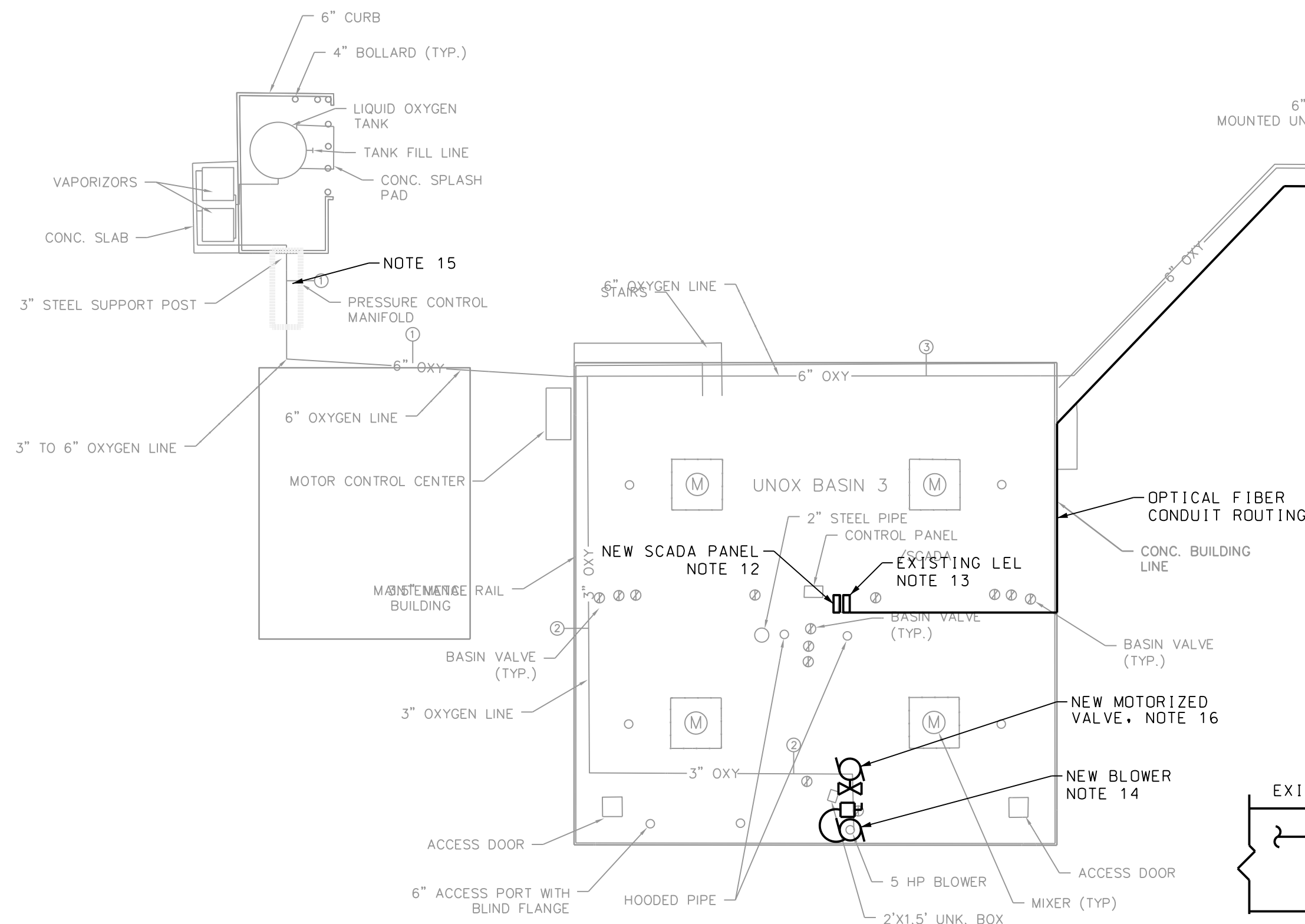
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DATE:	NOVEMBER 2018				
JOB NO.	118291604				
SCALE:	AS SHOWN				

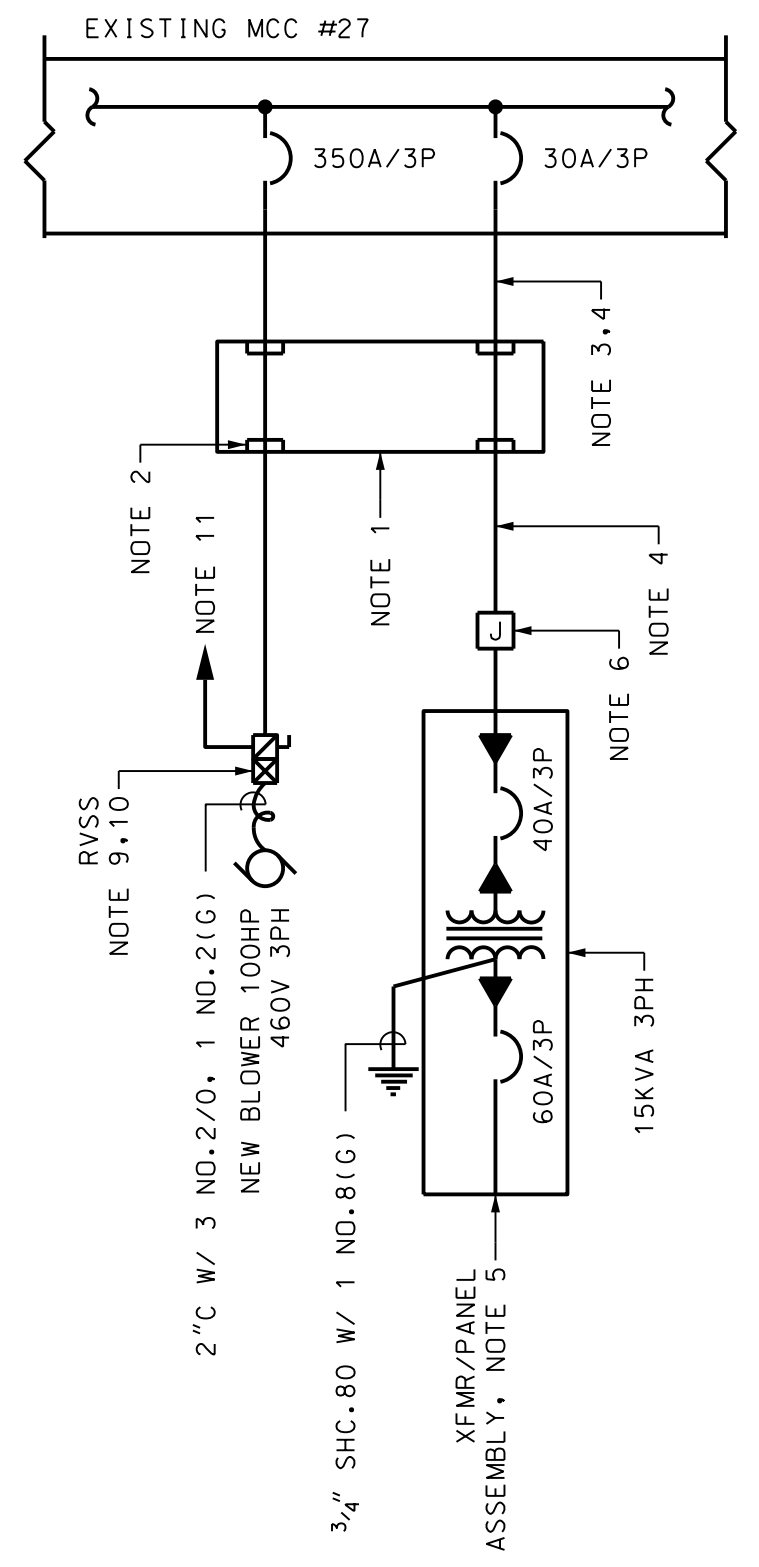
ACADEMY CREEK WWTP OXYGEN PIPING REPLACEMENT  
FOR THE  
BRUNSWICK-GLYNN COUNTY  
JOINT WATER & SEWER COMMISSION  
**RENOVATION PLAN**

DRAWING NUMBER  
**E3**  
OF xx

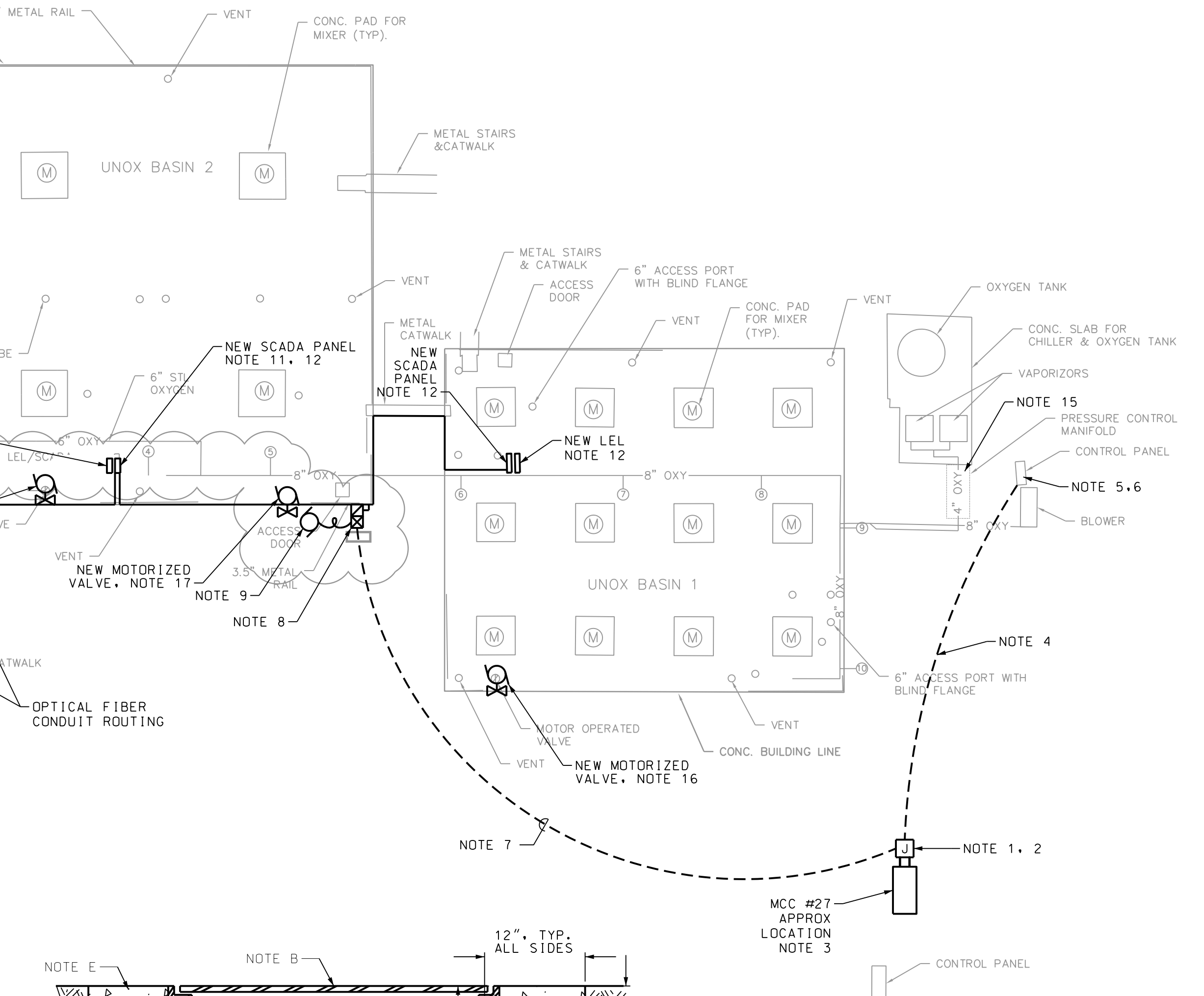
PLANT OPERATIONS  
BRICK BUILDING



**1 SITE PLAN ELECTRICAL - RENOVATION**  
E3 SCALE: 1" = 20' - 0"

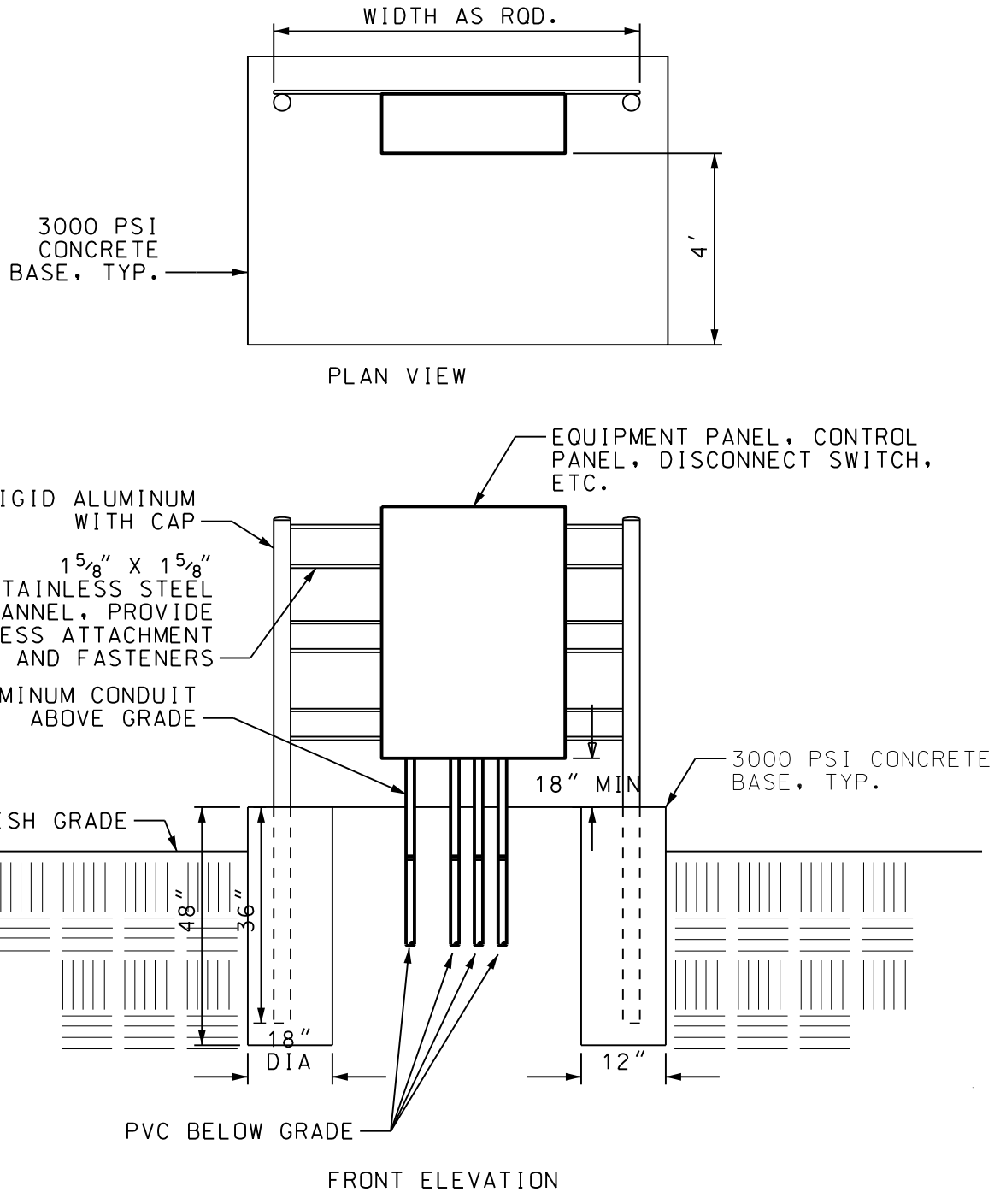


**2 ONE-LINE DIAGRAM - RENOVATION**  
E3 N.T.S.



**3 JUNCTION BOX - FLUSH WITH FINISHED GRADE**  
E3 N.T.S.

- NOTES:**
- JUNCTION BOXES SHALL BE QUAZITE POLYMER CONCRETE TYPE "PG" OPEN BOTTOM, OR EQUIVALENT BY OLD CASTLE OR PENCEL.
  - THE COVER SHALL BE TIER 22 RATED, LOGO - "ELECTRIC".
  - BOX DIMENSIONS SHALL BE AS NOTED ON THE DRAWINGS.
  - PROVIDE A BASE OF CRUSHED STONE, 12" DEEP AND EXTENDING 12" BEYOND THE BOX ON ALL SIDES.
  - PROVIDE A CONCRETE SUPPORT AROUND THE BOX, 12" WIDE AND 12" DEEP, ALL SIDES.
  - CONDUIT ENTRY SHALL BE THROUGH THE SIDE WALL AT THE BOTTOM BELOW THE CONCRETE OR UP THROUGH THE BOTTOM.
  - FOR ALL CONDUCTORS: PROVIDE PERMANENT TAGS IDENTIFYING ALL CABLES.



**4 EQUIPMENT RACK**  
E3 N.T.S.

**NOTES:**

- FURNISH AND INSTALL ONE POLYMER-CONCRETE PULL BOX, MOUNT FLUSH IN GRADE. PROVIDE 24"W X 36"L X 24"D BOX WITH BOLT DOWN COVER (TIER 22 RATED). PROVIDE OLDCASTLE SYNERTCH S2436B24FA. THE BOX SHALL BE INSTALLED OVER AND INTERCEPT THE EXISTING 3 1/2" PVC CONDUIT TO THE OLD BLOWER DISCONNECT AND STARTER. REFER TO 3/E3 FOR INSTALLATION REQUIREMENTS.
- INTERCEPT EXISTING FEEDER CONDUIT FOR OLD BLOWER. CUT PIPE IN PULL BOX AND INSTALL BOX CONNECTORS WITH BUSHINGS.
- EXTEND 1"C FROM MCC #27 TO PULL BOX FOR 30A BRANCH FEEDER. SEE NOTE 4.
- FROM THE EXISTING 30A/3P SPARE BREAKER IN MCC #27, EXTEND 3 NO.10, 1 NO.10(G) THROUGH THE NEW 1"C AND THE EXISTING 3 1/2" CONDUIT TO THE NEW TRANSFORMER/PANEL.
- FURNISH AND INSTALL 15KVA 3PH SEALED MINI POWER ZONE (MPZ) UNIT SUBSTATION TRANSFORMER/PANEL ASSEMBLY. FURNISH WITH STAINLESS STEEL PAINTED 3R ENCLOSURE. MOUNT ON THE EXISTING EQUIPMENT FRAME. FURNISH WITH 27 20A/1P BOLT-ON BREAKERS; PROVIDE 25KAIC RATED PRIMARY BREAKER.
- THE CONTRACTOR SHALL PROVIDE NEMA 4X SS SCREW COVER PULL BOX ON THE FEEDER CIRCUIT AT THE SHELTER TO TRANSITION FROM THE 3 1/2" TO 1". THE JUNCTION BOX SHALL HAVE MINIMUM DIMENSIONS OF 24" X 8" X 8".
- EXTEND 3 1/2"C W/ 3 NO.500MCM, 1 NO.3(G) FROM THE 350A/3P BREAKER, THROUGH THE PULL BOX AND TO THE NEW BLOWER STARTER. MINIMUM CONDUIT BURIAL DEPTH: 24". PROVIDE DETECTABLE WARNING TAPE AT 12" DIRECTLY ABOVE THE CONDUIT.
- PROVIDE AN EQUIPMENT FRAME FOR MOUNTING THE NEW BLOWER STARTER. REFER TO DETAIL 4/E3.
- PROVIDE A 100HP 460V 3-PHASE REDUCED VOLTAGE SOLID STATE (RVSS) STARTER FOR THE NEW BLOWER. FURNISH WITH 200A PRIMARY FUSES AND INTERNAL DISCONNECT; NEMA SHORTING CONTACTOR; NEMA 4X STAINLESS STEEL ENCLOSURE; H-O-A SWITCH (AUTOMATIC SHALL BE CONNECTED TO THE IN-PLANT SCADA SYSTEM. AUTO AND HAND POSITIONS SHALL INTERLOCK WITH THE MOTORIZED VALVE.
- OPERATION SEQUENCE: WHEN CALLED TO RUN BY THE IN-PLANT SCADA SYSTEM, THE BLOWER CONTROLS SHALL SIGNAL THE VALVE TO OPEN AND ALLOW THE MOTOR TO START. THE CALL TO STOP SHALL REVERSE THIS SEQUENCE.
- EXTEND 1"C W/ CONDUCTORS AS REQUIRED TO THE IN-PLANT SCADA PANEL ON UNOX BASIN 2. THESE SHALL PROVIDE CALL TO RUN/STOP, RUN/STOP AND ALARM ANNUNCIATION TO SCADA.
- INSTALL NEW LEL AND IN-PLANT SCADA PANELS IN THIS AREA. EXTEND TWO NEW 20A/1P BRANCH CIRCUITS FROM NEW MPZ, CKT 1&3, REFER TO NOTE 5. PROVIDE 3/4" ALUMINUM RIGID CONDUIT WITH 3 NO.12, 1 NO.12(G). EXTEND CONDUIT AND CABLE, AS REQUIRED FOR PROBES. COORDINATE WITH LEL AND IN-PLANT SCADA INTERGRATORS. FIELD COORDINATE PROBE LOCATIONS. REFER TO 1/E1 FOR INTER-CONNECTING CONDUIT AND WIRE. PROVIDE TERMINATION AS REQUIRED.
- REFURBISHED LEL AND NEW IN-PLANT SCADA PANELS, RECONNECT THE EXISTING BRANCH POWER CIRCUIT. COORDINATE WITH LEL/IN-PLANT SCADA INTERGRATOR FOR REPLACEMENT OF EXISTING PROBES AND CABLES. REFER TO 1/E1 FOR INTER-CONNECTING CONDUIT AND WIRE. PROVIDE TERMINATION AS REQUIRED.
- DISCONNECT EXISTING 5HP BLOWER AND CONNECT NEW. PROVIDE NEW 30A/3P/4X SS/NF DISCONNECT SWITCH. CONNECT TO EXISTING BRANCH FEEDER FROM MCC #23.
- NEW OXYGEN INSTRUMENT SKID. CONNECT POWER AND CONTROLS AS REQUIRED. REFER TO 1/E1 FOR INTERCONNECTION CONDUIT AND WIRING.
- REFER TO 1/E1 FOR POWER AND CONTROL CONNECTIONS TO VALVE. FURNISH CONDUIT AND WIRE AS REQUIRED.
- REFER TO 1/E1 FOR POWER AND CONTROL CONNECTIONS TO VALVE. FURNISH CONDUIT AND WIRE AS REQUIRED. INTERLOCK VALVE THROUGH BLOWER STARTER, REFER TO SEQUENCE OF OPERATION, NOTE 9.