

# Loxahatchee River District

ITB # 25-009-00148  
IQ518 PUMP STATION ELECTRICAL, INSTRUMENTATION & CONTROL  
IMPROVEMENTS

**Addendum Number 2**  
**(w/ Bid Clarifications)**

March 16, 2026

This document forms a part of the Contract Documents and modifies the original plans and specifications dated February 09, 2026 as noted below.

**Acknowledge receipt of the Addendum** in the space provided within the Proposal (Article 2, Page 20, Paragraph 12) and within the Bid Security (Article 3, Page 44, Paragraph 7).

Failure to do so may subject the bidder to disqualification.

This Addendum consists of 57 pages:

The Pre-Bid Conference Minutes and Attendee List are attached to this Addendum for the above referenced project.

Site Visit – IQ518 will be open for inspection on March 19, 2026 from 8:00 am to 12:00 pm. Address: 117 Barbados Drive, Jupiter Florida.

The Bidding Documents are amended as follows:

1. SPECIFICATIONS

a. Section 01 29 73, "SCHEDULE OF VALUES"

i. Page 01 29 73-5, 1.8, revise the following:

"B. Contractor shall pay to the Owner as Liquidated Damages, and not as penalty, ~~\$500~~ **\$100** per day for each and every calendar day Substantial Completion is delayed.

C. Contractor shall pay to the Owner as Liquidated Damages, and not as penalty, ~~\$150~~ **\$50** per day for each and every calendar day Final Completion is delayed."

b. Section 26 05 00, "ELECTRICAL-GENERAL PROVISIONS":

i. **Delete** from paragraph 1.2, A, 3, b, the words which reads:

"St. Lucie County"

**Insert** in its place in paragraph 1.2, A, 3, b, the words which

reads: **"Palm Beach County"**

c. Section 26 29 23, "VARIABLE FREQUENCY DRIVE":

i. **Delete** paragraph 1.1, E, which reads:

"E. VFD'S shall be 6-pulse drives with isolation contactors, bypass contactor, input passive harmonic filter which all shall be enclosed in one enclosure. External passive harmonic filter will not be acceptable."

**Insert** new paragraph 1.1, E in its place, which reads:

**"E. VFD's shall be 6-pulse drives with integral input low capacitance passive harmonic filter, which shall be enclosed in one enclosure. External passive harmonic filter will not be acceptable. Low capacitance passive harmonic filters shall be sized based on the motor horsepower rating. VFD's shall be sized as shown on the Electrical Drawings."**

ii. **Delete** paragraph 1.7, A, which reads:

"A. VFD shall be warranted for onsite parts and labor by the contractor and the equipment manufacturer for a period of one (1) year following the date of final completion of the work."

**Insert** new paragraph 1.7, A in its place, which reads

**"A. VFD shall be warranted for onsite parts and labor by the Contractor and the equipment manufacturer for a period of five (5) years following the date of final completion of the work."**

iii. **Delete** paragraphs 3.1, A, 2 and 3, which reads:

"2. After all tests have been performed, each VFD shall undergo a burn-in test. The drive shall be burned in at 100% inductive or motor load without an unscheduled shutdown.

3. After the burn-in cycle is complete, each VFD shall be put through a motor load test before inspection and shipping."

**Insert** new paragraph 3.1, A, 2, which reads:

**"2. Each VFD shall be put through a motor load test before inspection and shipping."**

d. Section 40 90 25, "Instrumentation and control System Process Control Panel":

i. **Delete** from paragraph 3.2, D, second sentence, the words which

reads: "Refer to Table \_\_\_ below"

**Insert** in its place in paragraph 3.2, D, second sentence, the words which

reads: **"Refer to Tables 40 90 25 – 1 and 40 90 25 – 2 below"**

- ii. **Delete** from paragraph 3.4, A, the second sentence, which reads:

“Refer to Tables 40 90 25 – 1 and 40 90 25 – 2 below, and Drawing I-02 for a list of the data for reading by the RTU.”

**Insert** in its place in paragraph 3.4, A, the second sentence, which reads:

**“Refer to Tables 40 90 25 – 3 and 40 90 25 -4 below, and Drawing I-02 for a list of the hardwired data for reading by the RTU.”**

- iii. **Delete** the header for Table 40 90 25 – 1, which reads:

**“Table 40 90 25 – 1 Discrete Points – PLC to RTU**

**Data” Insert** in its place, new header, which reads:

**“Table 40 90 25 – 1 Discrete Points – PLC SCADA/HMI Tags”**

- iv. **Delete** the header for Table 40 90 25 – 2, which reads:

**“Table 40 90 25 – 2 Analog Values – PLC to RTU**

**Data” Insert** in its place, new header, which reads:

**“Table 40 90 25 – 2 Analog Values – PLC SCADA/HMI Tags”**

- v. **Delete Delete** from Table 40 90 25 – 1 the following row, which reads: “

		OIT Panel door status	Closed	Open	IQ518_OIT_PANEL
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- vi. **Delete** from Table 40 90 25 – 2 the following row, which reads:

PT	6150	Station discharge pressure	0-150	PSI	IQ518_DIS_PSI
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- vii. Insert new Tables 40 90 25 – 3 and 40 90 25 – 4 after Table 40 90 25 – 2 under paragraph 3.4, A, which reads:

<b>Table 40 90 25 – 3 Discrete Points – PLC to RTU Hardwired Data Transfer</b>					
<b>Loop No.</b>		<b>Description</b>	<b>Off</b>	<b>On</b>	<b>PLC Address</b>
XS	6131	Main pump 1 fault status	Normal	Fault	IQ518_PUMP_1_FAULT
		Main pump 1 flow switch	off	Reset	IQ518_PUMP_1_FLOW_SWITCH
		Main pump 1 remote status	Not Remote	Remote	IQ518_PUMP_1_REMOTE
RS	6131	Main pump 1 run status	Stopped	Running	IQ518_PUMP_1_RUN
XS	6132	Main pump 2 fault status	Normal	Fault	IQ518_PUMP_2_FAULT
		Main pump 2 flow switch	off	Reset	IQ518_PUMP_2_FLOW_SWITCH
		Main pump 2 remote status	Not Remote	Remote	IQ518_PUMP_2_REMOTE

Table 40 90 25 – 3 Discrete Points – PLC to RTU Hardwired Data Transfer					
Loop No.	Loop No.	Loop No.	Loop No.	Loop No.	Loop No.
RS	6132	Main pump 2 run status	Stopped	Running	IQ518_PUMP_2_RUN
XS	6133	Main pump 3 fault status	Normal	Fault	IQ518_PUMP_3_FAULT
		Main pump 3 flow switch	off	Reset	IQ518_PUMP_3_FLOW_SWITCH
		Main pump 3 remote status	Not Remote	Remote	IQ518_PUMP_3_REMOTE
RS	6133	Main pump 3 run status	Stopped	Running	IQ518_PUMP_3_RUN
XS	6134	Main pump 4 fault status	Normal	Fault	IQ518_PUMP_4_FAULT
		Main pump 4 flow switch	off	Reset	IQ518_PUMP_4_FLOW_SWITCH
		Main pump 4 remote status	Not Remote	Remote	IQ518_PUMP_4_REMOTE
RS	6134	Main pump 4 run status	Stopped	Running	IQ518_PUMP_4_RUN
XS	6135	Main pump 5 fault status	Normal	Fault	IQ518_PUMP_5_FAULT
		Main pump 5 flow switch	off	Reset	IQ518_PUMP_5_FLOW_SWITCH
		Main pump 5 remote status	Not Remote	Remote	IQ518_PUMP_5_REMOTE
RS	6135	Main pump 5 run status	Stopped	Running	IQ518_PUMP_5_RUN
PDSH	6131	Strainer 1 differential pressure status	Normal	High	IQ518_STRAINER_1_DIFF_PSI
PDSH	6132	Strainer 2 differential pressure status	Normal	High	IQ518_STRAINER_2_DIFF_PSI
PDSH	6133	Strainer 3 differential pressure status	Normal	High	IQ518_STRAINER_3_DIFF_PSI

Table 40 90 25 – 4 Analog Values – PLC to RTU Hardwired Data Transfer					
Loop No.	Description	Off	On	PLC Address	
FT	6155	Station discharge flow	0-???	GPM	IQ518_DIS_FLOW
PT	6150	Station discharge pressure	0-150	PSI	IQ518_DIS_PSI

e. Specification 40 90 30, "INSTRUMENTATION AND CONTROL SYSTEM SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) SYSTEM":

i. **Delete** from paragraph 3.1, C, the words which reads:

"paragraph 3.3"

**Insert** in its place in paragraph 3.1, C, the words which reads:

"**paragraph 3.4**"

- f. Appendix D, "HUMANMACHINE INTERFACE PROGRAMMING":
  - i. Replace document in its entirety with SCADA screen images. See attached.

2. DRAWINGS

- 1. Replace Drawings G-02, C-01, C-02, E-02, E-03, E-04, E-05, E-07, E-08, E-09, E-10, E-11, E-12, E-13, E-14, E-16, E-17, I-02, and I-04 in their entirety. See attached.

Questions from Bidders

**Q1:** What is the Engineer's estimate / Budget cost?

**A1:** \$1,696,000.00

**Q2:** Please confirm if there are any SBEs/DBEs requirements

**A2:** There are no SBE/DBE requirements on this project.

**END OF ADDENDUM NO. 2**

**PRE-BID CONFERENCE**  
**IQ518 PUMP STATION ELECTRICAL AND INSTRUMENTATION &  
CONTROL IMPROVEMENTS**  
**Baxter & Woodman, Inc**

DATE: 2:00 P.M. EST, Tuesday February 24, 2026

CLIENT: Loxahatchee River District

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**1. Introductions**

- a. Kris Dean – Deputy Executive Director
- b. Jason Pugsley – Plant Manager
- c. Nathan Jarvis – Chief WWTP Operator
- d. Courtney Jones – Director of Engineering
- e. Kara Fraraccio – Director of Finance and Administration
- f. Sharyn Allen – Purchasing Agent
- g. Alexis Shotton - B&W Engineer

**2. Bid Opening – Date & Time:**

- a. Tuesday, March 17, 2026 2:00 P.M.
- b. Location: Governing Board Room; 2500 Jupiter Park Drive, Jupiter, FL 33458

**3. Distribution of Bid Documents**

- a. Bid documents may be downloaded at the Loxahatchee River District’s website (<https://loxahatcheeriver.org/governance/purchasing-bids/>) or from DemandStar.

**4. Project scope is generally described in SUMMARY OF WORK (Section 01 11 00)**

- a. Summary:
  - i. The total work for the IQ Electrical and Instrumentation & Controls Improvement Project consists of furnishing all labor, materials, equipment, and all incidentals and appurtenances per the Contract Documents for the clearing and grubbing and demolition of existing components such as portions of the reinforced concrete slabs and pipe supports, hydropneumatic tank, air compressor and piping, chlorine feed system, chlorine gas detection panel, eye wash, covered storage shelter, pump control panels, computer work station, ethernet switch, fiber patch panel, storage shed, generator receptacle, strainer backwash control panels, step-down transformer, site lighting fixtures, and all other items identified on the Contract Drawings or within these specifications; construction of concrete slabs and pipe supports, site restoration, variable frequency drives, network interface panel, pump control panel, strainer backwash control panels, lighting fixtures, main breaker, meter socket and enclosure, portable generator receptacle, mini power zone, grounding system, switch board, panel, associated conduits,

wires, cables, junction boxes and all other items identified on the drawings or within these specifications; relocation of control transformer, disconnection and reconnection of FPL meter, performance of power system study, and programming. Construction also includes dewatering, bypassing, phasing, sequencing, testing and all restoration work for a complete and operating system.

## 5. Budget

- a. The engineer's estimate of construction cost is \$1,700,000.00.

## 6. Project Schedule and Agreement

- a. Deadline for Questions: March 3, 2026.
- b. Bid Opening: March 17, 2026.
- c. Bonds Due: March 19, 2026
- d. Contract Award: April 16, 2026
- e. Contract Times (FRONT END – ARTICLE 4)
  - i. Substantial Completion: 300 days.
  - ii. Final Completion: 65 days.
- f. Liquidated Damages (FRONT END – ARTICLE 4)
  - i. \$100 per day for Substantial Completion.
  - ii. \$50 per day for Final Completion.

## 7. Bidding

- a. Addenda
  - i. None as of 2/24/26.

## 8. Miscellaneous Spec Items

- a. Submittal Procedures (01 33 00)
  - i. Be sure to follow submittal procedures as outlined in this specification.
- b. Permits (01 41 26)
  - i. Baxter & Woodman, on behalf of the Loxahatchee River District, has submitted to the Town of Jupiter Building Department for a "Commercial Alteration" permit. The contractor that is awarded the project must provide all required documentation to complete the permit process. No work may commence until the issuance of the permit.
  - ii. Baxter & Woodman, on behalf of the Loxahatchee River District, has submitted to the Town of Jupiter Engineering Department for an "Engineering" permit. No work may commence until issuance of the permit which is expected within 2 months of 2/24/26.
- c. Appendix A – Loxahatchee River District Minimum Construction Standards and Technical Specifications
  - i. Contractor shall refer to the Loxahatchee River District's Standards should a procedure or material not be specified within the technical specifications of the project.
- d. Appendix C – Standard Operating Procedure: System Shutdowns and Bypass
  - i. Contractor shall complete this document and receive approval from the Loxahatchee River District prior to shutting down IQ518.

## 9. Plan Review

- a. Sheet E-09 to E-14:
  - i. Specific steps have been identified for the demolition and construction of the Electrical and Instrumentation & Control systems.
  - ii. PCP (Section 3) houses the starters for Pumps 3, 4, and 5. Replacement of Section 3 will include the construction of the permanent VFDs for Pumps 4 and 5 and a temporary location for VFD for Pump 3.
  - iii. Pumps 3, 4, and 5 must be approved for service before demolition can begin on Sections 1 and 2.
  - iv. Permanent installation of VFDs for Pumps 1 and 2 must be complete and approved for service before relocating the VFD for Pump 3 from the temporary location to the final permanent location.
- b. All work shall be performed within the property boundary of the IQ518 site or within the 10' Utility Easement adjacent to Barbados Drive Right-of-Way. Any work extending into private property or Barbados Drive Right-of-Way will require construction easements or Town of Jupiter Engineering permit to be applied by and paid for by the Contractor at no cost to the Loxahatchee River District.

## 10. Contractual Items

- a. Experience – Instructions to Bidders – Paragraph 24. 5 projects within five (5) years, minimum value of \$100,000.
- b. Insurance Requirements – Special Conditions 9.08
  - i. Insurance requirements apply to prime-contractor and subcontractors.
- c. Bond Requirements
  - i. Bid Bond
    1. 10% of Bid Amount.
    2. Due by 2:00 p.m. local time on March 19, 2026.
  - ii. Public Construction Bond
    1. 100% of contract amount.
  - iii. Maintenance Bond
    1. 50% of contract amount.
    2. Effective from Final Completion to 1 year from Final Completion.
    3. Surety Company Requirements
      - a. Is admitted/authorized to do business in the State of Florida and complies with the provisions of Section 255.05, Florida Statutes;
      - b. Has been in business and has a record of successful continuous operations for at least five (5) years;
      - c. Files a certified copy of a power of attorney with a signed Bid, Public Construction, or Maintenance bonds;
      - d. Bonds list the surety's agency name, address, and telephone number on all bonds;
      - e. Best Ratings: Class VII or better
- d. Health Safety and Environmental Performance
  - i. Instructions to Bidders, paragraph 23
  - ii. Bid submittal to include:

1. OSHA Form 300A
  2. Experience Modification Rating Letter
  3. Health Safety and Environmental Program
  4. Training Records for previous 36 months
- e. Contractor Evaluation Report
- i. Evaluations will be used for future bid evaluations
- f. Bids
- i. Bid Format – PDF
  - ii. Bid Bond Format – Hard Copy submit to:

Kris Dean, P.E., Deputy Executive Director  
Loxahatchee River Environmental Control District  
2500 Jupiter Park Drive  
Jupiter, FL 33458

- iii. Bid Venue – This solicitation has been issued as an Electronic Bid with the same title on DemandStar. To submit a response for this bid electronically follow the instructions on DemandStar. Electronic Responses are the only method allowed for Bidders to respond to this solicitation. Bids shall be submitted on or before the date and time specified. Bid bonds shall be submitted as a hard copy to the District within 48 hours of submittal.

### **11. Holiday Schedule**

- a. New Years Day
- b. Martin Luther King Day
- c. Memorial Day
- d. Juneteenth
- e. Independence Day
- f. Labor Day
- g. Veteran’s Day
- h. Thanksgiving – Thursday and Friday
- i. Christmas Eve
- j. Christmas

### **12. Question & Answers**

- a. No questions asked.

ITB 25-009-00148 IQ518 Pump Station Pre-bid attendees

Kris Dean-LRECD

Courtney Jones-LRECD

Sharyn Allen-LRECD

Alexis Shotton-Baxter & Woodman

Tim Norwood-Marolf Environmental

Sheryl Wells-Close Construction Services, LLC

Justin Faircloth-Florida Utility Solutions

Mark Bilbrey- CEC Controls

Ali Mazloum-Marolf Environmental

Alex Perez-Posillico Civil, Inc

John Earman via read.ai-E&W Mechanical Contracting

Chad Fischman (Chad's notetaker) (Otter.ai)-Fischman Asphalt

Nico Shaner-Globaltech

Paul Gonzales-ITG Communications

Alexandre Castro -i3 Automations

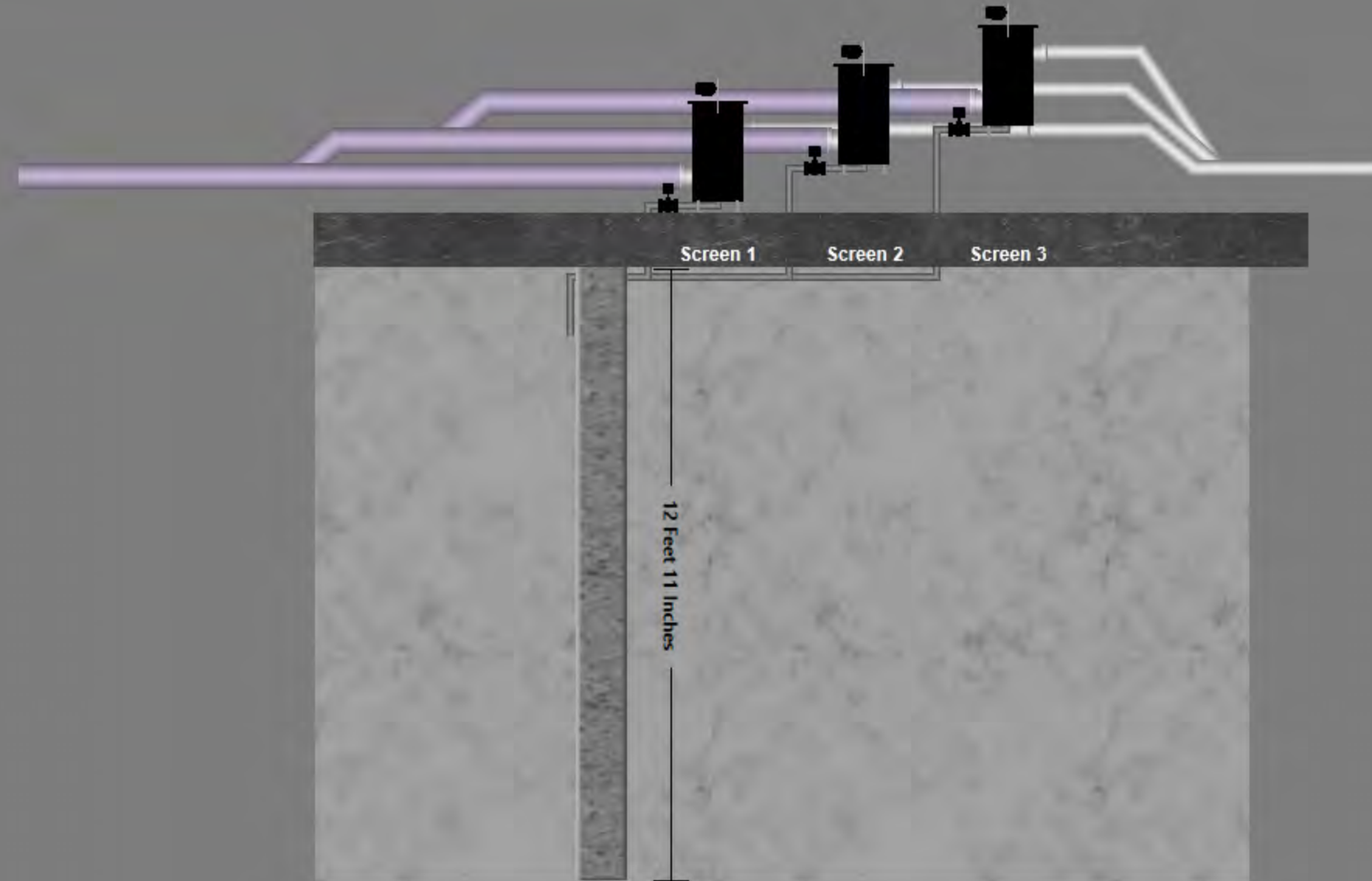
Robert Palma-ITG Communications LLC

518 Overview

518 Alarms

Setpoints

Reuse Overview



ADDENDUM NO. 2

518 Overview

Reuse Overview

518 System

Database Alarm Actions Reports & Analysis History Filtering View Sounds

History Active Unacked **Current** Shelved Disabled Suppressed Configured Search

Area is "I Q 5 18"

Time	Ack	Status	Area	Description	Current Value	Setpoint	Units
2025-12-15 11:11:16	Ack	Normal	I Q 5 18	Strainer 1 Differential Pressure Alarm (On)	On	On	

Current: 1 record

ADDENDUM NO. 2

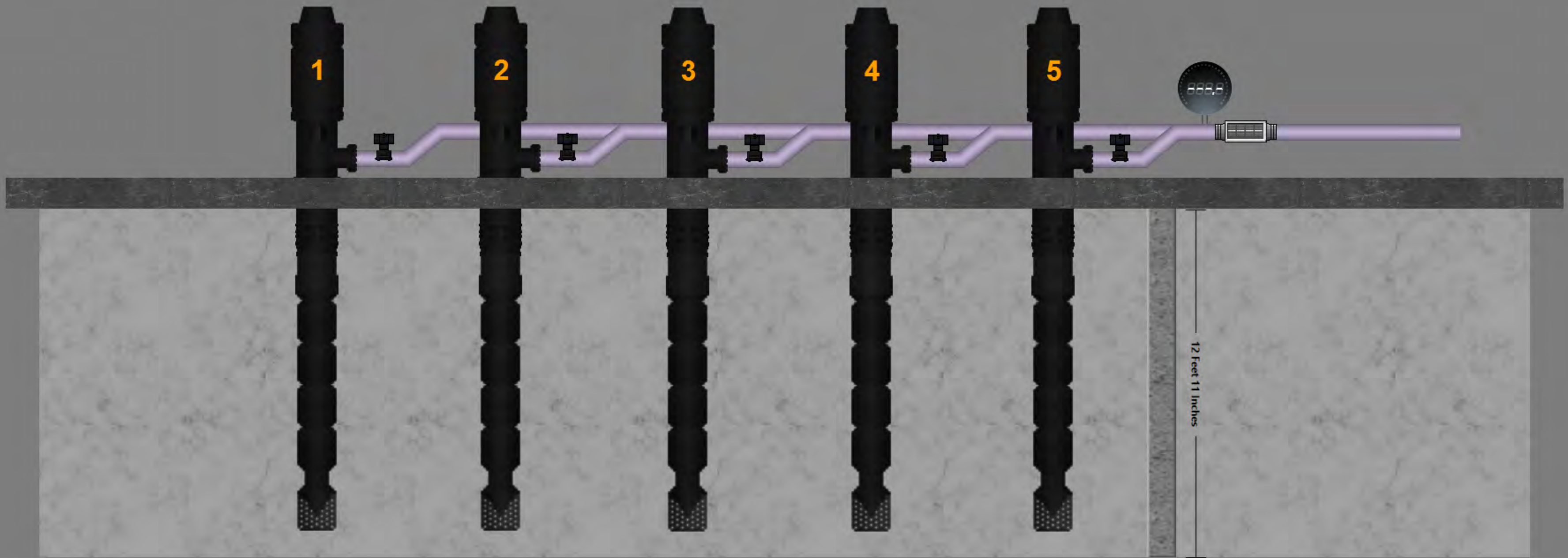
518 Overview

Reuse Overview

518 System

518 Alarms

Setpoints



ADDENDUM NO. 2

**Status**

**Runtime**

SCREEN FILTER 1

Runtime

000000 Mins

Starts

00 #

RESET STRAINER MINUTES

S1



Status

Runtime

FILTER 1 STATUS



In Auto



**Status****Runtime**

## SCREEN FILTER 2

Runtime

000000 Mins

Starts

00 #

## RESET STRAINER MINUTES

S2



Status

Runtime

FILTER 2 STATUS



In Auto



**Status****Runtime**

## SCREEN FILTER 3

Runtime

000000 Mins

Starts

00 #

## RESET STRAINER MINUTES

S3



Status

Runtime

FILTER 3 STATUS

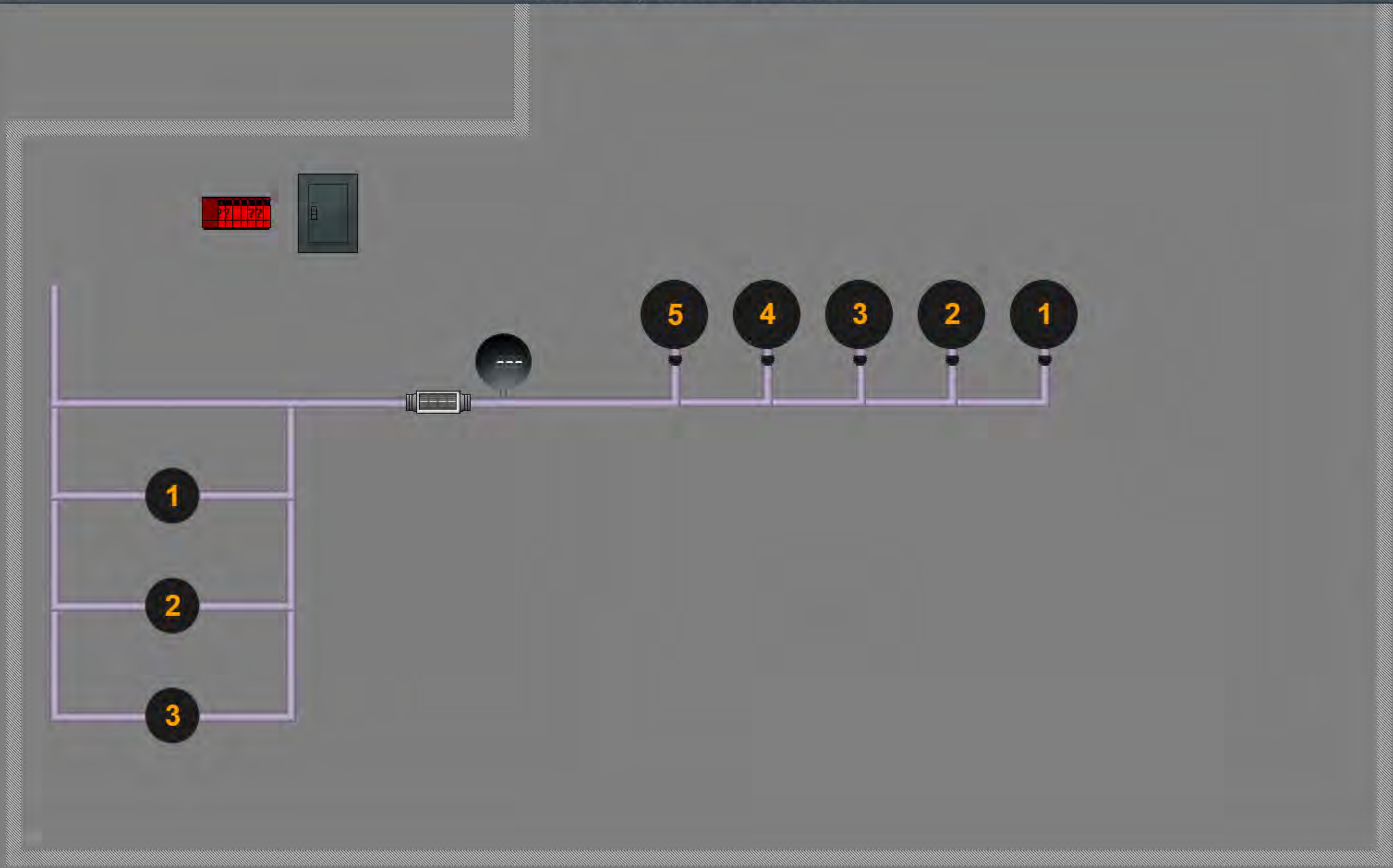


In Auto



- 518 Elevation View
- 518 System
- 518 Alarms
- Setpoints

- Reuse Overview
- IQ Stations
- IQ Station 511
- Plant Overview



ADDENDUM NO. 2

## POWER CONTROL PANEL

Intrusion



## VOLTAGE

Voltage - Phase A

000 V

Voltage - Phase B

000 V

Voltage - Phase C

000 V

## AMPERAGE

Phase A

000 A

Phase B

000 A

Phase C

000 A

# PRESSURE SENSOR

Primary Backup



888 PRI

888 BCK

**Status****Control****Runtime**

## PUMP 1 CONTROL



Manual Speed Control

888 %



Minimum Speed Setpoint

888 %

RESET

ADDENDUM NO. 2

**Status****Control****Runtime****PUMP 1**

Runtime - Non Resetable

000000 Hrs

Runtime

00000.0 Hrs

**RESET PUMP HOURS**

P1

**ADDENDUM NO. 2**

Status

Control

Runtime

## PUMP 1 STATUS

??

??



Control Speed

888 %

Speed Indication

888 %

Amps

88.8 Amps

Runtime Since Install

8888.8 Hrs

**Status****Control****Runtime**

## PUMP 2 CONTROL



Manual Speed Control

000 %



Minimum Speed Setpoint

000 %

RESET

**Status****Control****Runtime**

## PUMP 2

Runtime - Non Resetable

000000 Hrs

Runtime

00000.0 Hrs

## RESET PUMP HOURS

P2



ADDENDUM NO. 2

Status

Control

Runtime

### PUMP 2 STATUS

??

??



Control Speed

888 %

Speed Indication

888 %

Amps

88.8 Amps

Runtime Since Install

8888.8 Hrs

**Status****Control****Runtime**

## PUMP 3 CONTROL



Manual Speed Control

888 %



Minimum Speed Setpoint

888 %

RESET

**Status****Control****Runtime**

## PUMP 3

Runtime - Non Resetable

000000 Hrs

Runtime

00000.0 Hrs

## RESET PUMP HOURS

P3



ADDENDUM NO. 2

Status

Control

Runtime

## PUMP 3 STATUS

??

??



Control Speed

000 %

Speed Indication

000 %

Amps

00.0 Amps

Runtime Since Install

0000.0 Hrs

**Status****Control****Runtime**

## PUMP 4 CONTROL



Manual Speed Control

888 %



Minimum Speed Setpoint

888 %

RESET

**Status****Control****Runtime**

## PUMP 4

Runtime - Non Resetable

000000 Hrs

Runtime

00000.0 Hrs

## RESET PUMP HOURS

P4



Status

Control

Runtime

## PUMP 4 STATUS

??

??



Control Speed

888 %

Speed Indication

888 %

Amps

88.8 Amps

Runtime Since Install

8888.8 Hrs

**Status****Control****Runtime**

## PUMP 5 CONTROL



Manual Speed Control

000 %



Minimum Speed Setpoint

000 %

RESET

**Status****Control****Runtime**

## PUMP 5

Runtime - Non Resetable

000000 Hrs

Runtime

00000.0 Hrs

## RESET PUMP HOURS

P5



Status

Control

Runtime

### PUMP 5 STATUS

??

??



Control Speed

888 %

Speed Indication

888 %

Amps

88.8 Amps

Runtime Since Install

8888.8 Hrs

### WET WELL LEVEL



Wet Well Transmitter Low

88.8 Ft



Wet Well Transmitter Low Low

88.8 Ft

### TIME (MILITARY CLOCK)



Pump Rotation Time

8888 24Hr

### PUMP ROTATION



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### LEAD/LAG - MANUAL SELECTION

Lead  
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Lag 1  
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Lag 2  
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Lag 3  
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Lag 4  
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ADDENDUM NO. 2

Acad Version : R24.3s (LMS Tech) User Name : dphom Date\Time : Fri, 13 Mar 2026 - 9:44:0m Path Name : E:\PROJECTS\240116\15-0518 Improvements\240116\15-02.dwg Current Plotstyle : ByColor Layout Tab: C-2

**GENERAL NOTES**

- ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE LOXAHATCHEE RIVER DISTRICT, PALM BEACH COUNTY, FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, PALM BEACH COUNTY HEALTH DEPARTMENT, FLORIDA DEPARTMENT OF TRANSPORTATION, AND NATIONAL CODES WHERE APPLICABLE.
- ALL CONSTRUCTION SHALL BE DONE IN A SAFE MANNER, SPECIFICALLY, THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES SHALL BE STRICTLY OBSERVED.
- ALL CONSTRUCTION SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE AGENCIES HAVING JURISDICTION.
- CONTRACTOR SHALL MAINTAIN LOCAL TRAFFIC AT ALL TIMES DURING CONSTRUCTION AND SHALL BE REQUIRED TO PROVIDE ALL BARRICADES, LIGHTING, SIGNAGE AND FLAGMEN AS NECESSARY TO PROVIDE FOR THE SAFETY OF THE PUBLIC IN THE WORK AREA. THE CONTRACTOR SHALL SUBMIT A DETAILED TRAFFIC CONTROL PLAN FOR APPROVAL A MINIMUM OF 2 WEEKS PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR SHALL PREPARE AND SUBMIT MOT PLANS TO LOXAHATCHEE RIVER DISTRICT AND TOWN OF JUPITER FOR REVIEW AND APPROVAL IF CONTRACTOR PLANS TO IMPACTS THE ADJACENT RIGHT-OF-WAY.
- CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE PROPERTY AT ALL TIMES.
- LOCATIONS OF EXISTING FACILITIES AS SHOWN ON CONSTRUCTION DRAWINGS ARE APPROXIMATE AND ARE DRAWN FROM AVAILABLE RECORDS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE FACILITIES SHOWN NOR FOR ANY FACILITY NOT SHOWN. THE CONTRACTOR SHALL LOCATE OR EXPOSE ALL UTILITIES WITHIN THE PROPOSED WORK AREAS AND AT CRITICAL LOCATIONS TO VERIFY UTILITY LOCATIONS AND PIPE LAYING SCHEDULES PRIOR TO SUBMITTING SHOP DRAWINGS. THIS SHALL BE DONE WITHIN 30 DAYS AFTER NOTICE TO PROCEED. THE INFORMATION OBTAINED (ELEVATION, SEPARATION DISTANCE, PIPE MATERIAL AND SIZE, ETC.) SHALL BE MADE PART OF THE CONTRACTOR'S SUBMITTAL FOR ALL PIPING.
- CONTRACTOR SHALL OBTAIN THE SERVICES OF SUNSHINE STATE ONE CALL OF FLORIDA (811), INC. AS REQUIRED BY FLORIDA STATUTES. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING UTILITIES.
- ALL DELETERIOUS MATERIAL SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE.
- IF UPON EXCAVATION, AN EXISTING UTILITY IS FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION OR TO BE OF A SIZE OR MATERIAL DIFFERENT FROM THAT SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
- ALL OPEN TRENCHES AND HOLES ADJACENT TO ROADWAY OR WALKWAY SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.
- NO TRENCHES OR HOLES NEAR WALKWAYS, IN ROADWAYS OR THEIR SHOULDERS ARE TO BE LEFT OPEN DURING NIGHTTIME HOURS WITHOUT EXPRESS PERMISSION FROM LOXAHATCHEE RIVER DISTRICT.
- CONTRACTOR SHALL MAINTAIN HIS WORK WITHIN THE PROPERTY LIMITS UNLESS OTHERWISE NOTED ON DRAWINGS.
- CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO LOCATE, EXCAVATE AND PREPARE FOR CONNECTIONS TO THE EXISTING SYSTEMS ALL AS SHOWN ON THE DRAWINGS.
- THE CONTRACTOR SHALL SCHEDULE INSPECTIONS AND TESTS WITH THE LOXAHATCHEE RIVER DISTRICT A MINIMUM OF 48 HOURS IN ADVANCE.
- SITE INFORMATION BASED ON A SURVEY PREPARED BY: DENNIS J. LEAVY & ASSOCIATES, INC.
- CLEARING AND GRUBBING SHALL INCLUDE REMOVAL OF ALL VEGETATION WITHIN THE PROPERTY AS REQUIRED TO CONSTRUCT THE REQUIRED IMPROVEMENTS.
- PROJECT SITE SAFETY:
  - THE ENGINEER/OWNER OR THEIR EMPLOYEES HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER THE CONTRACTOR, ANY SUB-CONTRACTOR OR OTHER ENTITY OR THEIR EMPLOYEES IN CONNECTION WITH THEIR WORK OR ANY JOBSITE HEALTH OR SAFETY PRECAUTIONS.
  - THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOBSITE SAFETY, AND WARRANTS THAT THIS INTENT IS MADE EVIDENT BY THE AGREEMENT BETWEEN OWNER AND CONTRACTOR.
  - ALL EXISTING OVERHEAD AND UNDERGROUND UTILITIES SHOWN ON THESE DRAWINGS OR ENCOUNTERED THROUGH THE PROGRESSION OF WORK AT THIS PROJECT SITE ARE ASSUMED TO BE LIVE. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS WHEN WORKING AROUND EXISTING OVERHEAD OR UNDERGROUND UTILITIES.
- THE CONTRACTOR SHALL COORDINATE AND EMPLOY THE SERVICES OF FPL TO SUPPORT ANY EXISTING POWER POLES WITHIN THE IMMEDIATE VICINITY OF TRENCHES.

**GENERAL INFORMATION**

- AT&T TELEPHONE, FLORIDA POWER AND LIGHT, CABLE TV, GAS, ETC. ARE TAKEN FROM FIELD INSPECTIONS AND SKETCHES PROVIDED BY UTILITIES AND ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR SHALL CONTACT ALL UTILITY OWNERS AND CONFIRM LOCATIONS OF UTILITIES NO LESS THAN 48 HOURS BEFORE BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL ACCURATELY LOCATE AND UNCOVER ALL EXISTING UTILITIES BEFORE BEGINNING CONSTRUCTION WHERE CROSSING OR PARALLELING OF EXISTING UTILITIES OCCUR. ANY DAMAGE RESULTING FROM THE CONTRACTORS OPERATION SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
- ALL MATERIALS SHALL CONFORM TO LOXAHATCHEE RIVER DISTRICT MANUAL OF MINIMUM CONSTRUCTION STANDARDS & TECHNICAL SPECIFICATIONS REVISION FEBRUARY 2025.

**EROSION CONTROL**

- ALL STORM SEWER INLET GRATES TO BE COVERED WITH FILTER FABRIC DURING CONSTRUCTION.
- CUT AND FILL SLOPES TO BE CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION. SILT FENCES TO BE USED WHERE NECESSARY.
- CONSTRUCTION VEHICLE ACCESS ROUTES SHALL BE SWEEPED CLEAN OF SEDIMENT, CONCRETE AND OTHER CONSTRUCTION MATERIALS AS NEEDED.
- ALL BERMS, DIKES AND SPOIL PILES SUBJECT TO EROSION MUST BE STABILIZED OR CONTAINED TO PREVENT EROSION AND RUNOFF FROM THE PROJECT.
- THE QUALITY OF THE DISCHARGE WATER FROM DEWATERING AND CONSTRUCTIONS ACTIVITIES SHALL MEET STATE WATER QUALITY STANDARDS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREPARATION AND PERMITTING OF A STORMWATER POLLUTION PREVENTION PLAN FOR THE PROJECT.

**VEGETATION NOTE:**

THERE SHALL BE NO IMPACT TO TREE BRANCHES OR ROOT ZONES. DIRECT BORE ONLY WITHIN THE CRITICAL ROOT ZONE; NO TRENCHING, ANY SUBSURFACE WORK THAT INADVERTENTLY AFFECTS TREE ROOTS SHALL REQUIRE ALL ROOTS TO BE PRUNED WITH SANITIZED EQUIPMENT, RESULTING IN CLEAN CUTS AND NOT SHORN, JAGGED EDGES AS MAY BE INADVERTENTLY CAUSED BY TRENCHING, DRILLING, OR DIGGING. ANY AFFECTED BRANCHES MUST BE PRUNED BY AN ISA CERTIFIED ARBORIST IN CONFORMANCE WITH TOWN CODE REQUIREMENTS AND ANSI A300 STANDARDS. A VEGETATION REMOVAL PERMIT IS REQUIRED PRIOR TO THE REMOVAL OF ANY TREES OR LANDSCAPING. ALL SOD, LANDSCAPING AND IRRIGATION SHALL BE RESTORED TO PRE-WORK CONDITIONS.



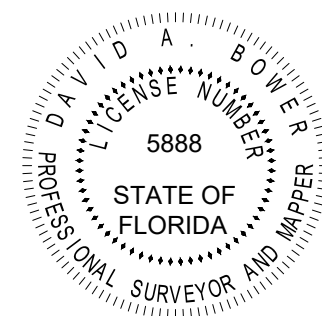
**REPORT OF SURVEY:**

- The survey depicted hereon has been classified as a Topographic Survey, as defined in Rule 5J-17.050 of the Florida Administrative Code, pursuant to Chapter 472.027, Florida Statutes as amended.
- This survey has been prepared in the office of Dennis J. Leavy & Associates, Inc. located at: 460 Business Park Way, Suite B, Royal Palm Beach, Florida, whose certificate of authorization number is LB #6599, and the certifying surveyor's (David A. Bower) license number is LS #5888.
- The survey sketch shown hereon does not necessarily contain all of the information obtained or developed by the undersigned surveyor in his field work, office work, or research.
- THIS IS NOT A BOUNDARY SURVEY
- This survey does not address environmental matters, jurisdictional boundaries or hazardous waste concerns should any of the foregoing exist.
- The elevations shown hereon are for the purpose of indicating the ground elevation only at the position shown and in no way indicate elevations at any other point than shown hereon and do not determine sub surface conditions.
- The undersigned makes no representations or guarantees as to the information reflected hereon pertaining to easements, rights of way, setback lines, agreements and other matters, and further, this instrument is not intended to reflect or set forth all such matters. Such information should be obtained and confirmed by others through appropriate title verification. Lands shown hereon were not abstracted for rights of way and/or easements of record.
- This survey does not meet those standards established by the American Land Title Association.
- Underground apparent use and/or improvements have not been shown unless otherwise noted.
- This instrument may not be reproduced in part or whole without the written consent of Dennis J. Leavy & Associates Inc.
- Date of field survey: December 12th, 2023, as recorded in Field Book 477, Page 27-28 & Field Book 547, Pages 15 through 18, 20 through 21, 23 & 30-32.
- This survey lies in Section 23, Township 41 South, Range 42 East, Town of Jupiter, Palm Beach County, Florida.
- By graphic plotting only the subject property lies within Zone X, as shown on the U.S. Department of Homeland Security Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map, Map Number: 12099C0188F, Community: Town of Jupiter, Number: 12099C, Panel 0188, Suffix: F, Effective date: October 5, 2017.
- In some instances, graphic representations have been exaggerated to more clearly illustrate relationships between physical improvements and/or lot lines. In all cases, dimensions shown shall control the location of the improvements over scaled positions.
- Measurements shown hereon are expressed in feet and decimal parts thereof unless otherwise noted.
- All dates shown within the revision block hereon are for interoffice filing use only, and in no way affect the date of the field survey stated herein.
- Benchmark of Origin: Palm Beach County Benchmarks "LEHR" and "LUZON" whose published elevations are 12.560' and 13.016' respectfully, based on the North American Vertical Datum of 1988.
- Elevations referenced hereon are based on the North American Vertical Datum of 1988 (NAVD 88).

**TOPOGRAPHIC SURVEY CERTIFICATION:**

This is to certify that this survey is classified as a Topographic Survey as defined in Rule 5J-17.050 of the Florida Administrative Code, pursuant to Chapter 472.027, Florida Statutes as amended. The fieldwork was completed on December 12th, 2023.

Dated: December 12th, 2023



DAVID A. BOWER  
STATE OF FLORIDA  
PROFESSIONAL SURVEYOR & MAPPER No. LS 5888

**SURVEY PREPARED BY:**

**DENNIS J. LEAVY & ASSOCIATES, INC.**

PROFESSIONAL SURVEYORS & MAPPERS  
460 BUSINESS PARK WAY, SUITE B, ROYAL PALM BEACH, FL 33411  
PHONE: (561) 753-0650 EMAIL: SURVEY@DJLASURVEY.NET

© COPYRIGHT 2024 BY DENNIS J. LEAVY & ASSOCIATES, INC. THIS DRAWING IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY UNLESS SIGNED AND SEALED BY A PROFESSIONAL SURVEYOR & MAPPER REPRESENTING DENNIS J. LEAVY & ASSOCIATES, INC.

NOTE: TO CONVERT FROM NAVD 88 TO NGVD 29 DATUM  
ADD 1.52 FEET FROM THE NAVD 88 ELEVATION.  
EXAMPLE: EL. = 10.00' (NAVD 88)  
EL. = 11.52' (NGVD 29)

**SYMBOL LEGEND:**

- AT&T HAND HOLE
- DRAINAGE MANHOLE
- BENCHMARK
- CABLE TV RISER
- CATCH BASIN
- DECORATIVE LIGHT POLE
- ELECTRIC METER
- ELECTRIC HAND HOLE
- FIBER OPTIC HAND HOLE
- FIRE HYDRANT
- IRRIGATION HAND HOLE
- RECLAIMED WATER VALVE
- SANITARY MANHOLE
- SANITARY VALVE
- SIGN
- WATER METER
- WATER VALVE
- WATER VALVE WITH CONCRETE APRON

**PLAT LEGEND:**

- (P1) THE ISLAND AT ABACOA  
(P.B. 85, PG. 113, P.B.C.R.)
- (P2) ABACOA PLAT NO. 1  
(P.B. 78, PG. 145, P.B.C.R.)
- (P3) ABACOA-A REPLAT OF TRACTS GF1 AND GF2  
(P.B. 84, PG. 155-161, P.B.C.R.)

**LEGEND:**

- CONC CONCRETE
- D.C. DROP CURB
- D.E. DRAINAGE EASEMENT
- E. EASTING
- INV INVERT
- LB LICENSED BUSINESS
- M.J. MECHANICAL JOINT
- O.R.B. OFFICIAL RECORD BOOK
- P.B.C.R. PALM BEACH COUNTY RECORDS
- PVC POLYVINYL CHLORIDE
- U.E. UTILITY EASEMENT
- N. NOTHING
- W.M.M.E. WATER MANAGEMENT MAINTENANCE EASEMENT

**TREE LEGEND:**

- BUSH
- TREE (TYPE UNKNOWN)
- OAK
- PALM

NO.	DATE	ISSUED FOR	APRVD BY	DESIGNED:	A.R.S.
1	03-13-2026	ADDENDUM NO. 2	S.J.P.	DRAWN:	D.D.P.
				CHECKED:	S.J.P.
				APPROVED:	S.J.P.

SIRA J. PRINYAVIVATKUL, P.E.  
No. 64655

**BAXTER & WOODMAN**  
Consulting Engineers

1601 Forum Place, Suite 400, West Palm Beach, Florida 33401  
Phone: 561-655-6175 Fax: 561-655-6179  
www.baxterwoodman.com EB-31795

VERIFY SCALE

1"

BAR IS ONE INCH ON FULL SIZE (22x34) ORIGINAL DRAWING. ADJUST SCALES AS NECESSARY.

ENGINEER NO.: 2401615  
CLIENT PROJECT NO.: R22009  
CAD REF.: 2401615\_G2.dwg

**LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT IQ 518 PUMP STATION ELECTRICAL AND INSTRUMENTATION & CONTROL IMPROVEMENTS**

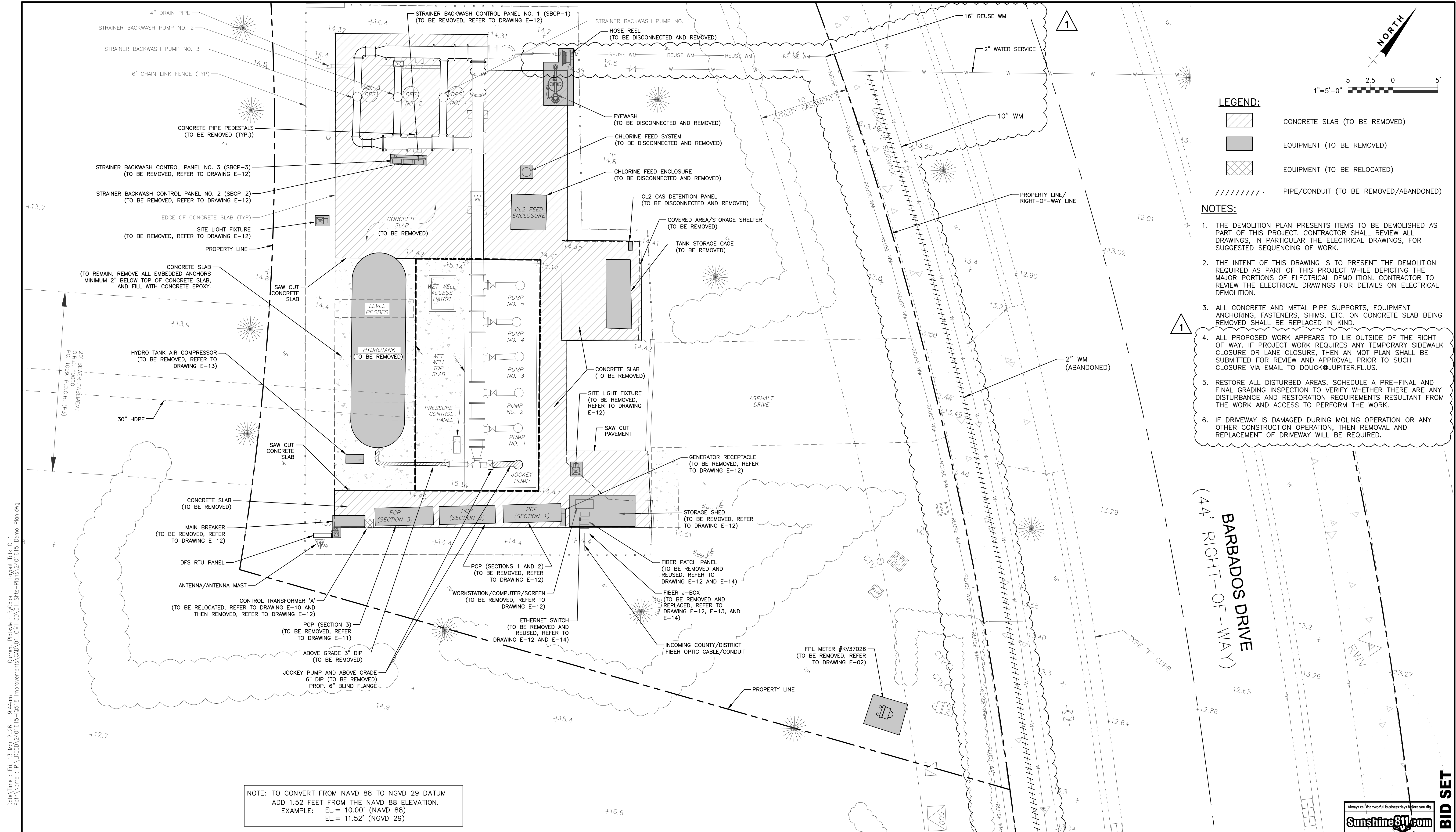
GENERAL NOTES, SURVEY NOTES AND LEGENDS

Always call 888 two full business days before you dig



DATE: JANUARY 2026  
SHEET: 2 of 32  
DRAWING: G-02

**BID SET**



- LEGEND:**
- CONCRETE SLAB (TO BE REMOVED)
  - EQUIPMENT (TO BE REMOVED)
  - EQUIPMENT (TO BE RELOCATED)
  - PIPE/CONDUIT (TO BE REMOVED/ABANDONED)

- NOTES:**
1. THE DEMOLITION PLAN PRESENTS ITEMS TO BE DEMOLISHED AS PART OF THIS PROJECT. CONTRACTOR SHALL REVIEW ALL DRAWINGS, IN PARTICULAR THE ELECTRICAL DRAWINGS, FOR SUGGESTED SEQUENCING OF WORK.
  2. THE INTENT OF THIS DRAWING IS TO PRESENT THE DEMOLITION REQUIRED AS PART OF THIS PROJECT WHILE DEPICTING THE MAJOR PORTIONS OF ELECTRICAL DEMOLITION. CONTRACTOR TO REVIEW THE ELECTRICAL DRAWINGS FOR DETAILS ON ELECTRICAL DEMOLITION.
  3. ALL CONCRETE AND METAL PIPE SUPPORTS, EQUIPMENT ANCHORING, FASTENERS, SHIMS, ETC. ON CONCRETE SLAB BEING REMOVED SHALL BE REPLACED IN KIND.
  4. ALL PROPOSED WORK APPEARS TO LIE OUTSIDE OF THE RIGHT OF WAY. IF PROJECT WORK REQUIRES ANY TEMPORARY SIDEWALK CLOSURE OR LANE CLOSURE, THEN AN MOT PLAN SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO SUCH CLOSURE VIA EMAIL TO DOUGK@JUPITER.FL.US.
  5. RESTORE ALL DISTURBED AREAS. SCHEDULE A PRE-FINAL AND FINAL GRADING INSPECTION TO VERIFY WHETHER THERE ARE ANY DISTURBANCE AND RESTORATION REQUIREMENTS RESULTANT FROM THE WORK AND ACCESS TO PERFORM THE WORK.
  6. IF DRIVEWAY IS DAMAGED DURING MOLING OPERATION OR ANY OTHER CONSTRUCTION OPERATION, THEN REMOVAL AND REPLACEMENT OF DRIVEWAY WILL BE REQUIRED.

NOTE: TO CONVERT FROM NAVD 88 TO NGVD 29 DATUM  
 ADD 1.52 FEET FROM THE NAVD 88 ELEVATION.  
 EXAMPLE: EL. = 10.00' (NAVD 88)  
 EL. = 11.52' (NGVD 29)

Date: Time: Fri, 13 Mar 2026 9:44:04m  
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 Layout Tab: C-1  
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NO.	DATE	ISSUED FOR	APRVD BY
1	03-13-2026	ADDENDUM NO. 2	S.J.P.

DESIGNED:	A.R.S.
DRAWN:	D.D.P.
CHECKED:	S.J.P.
APPROVED:	S.J.P.

SIRA J. PRINYAVIVATKUL, P.E.  
 No. 64655

**BAXTER & WOODMAN**  
 Consulting Engineers

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VERIFY SCALE	ENGINEER NO.: 2401615
	CLIENT PROJECT NO.: R22009
BAR IS ONE INCH ON FULL SIZE (22x34) ORIGINAL DRAWING. ADJUST SCALES AS NECESSARY.	CAD REF.: 2401615_Demo Plan.dwg

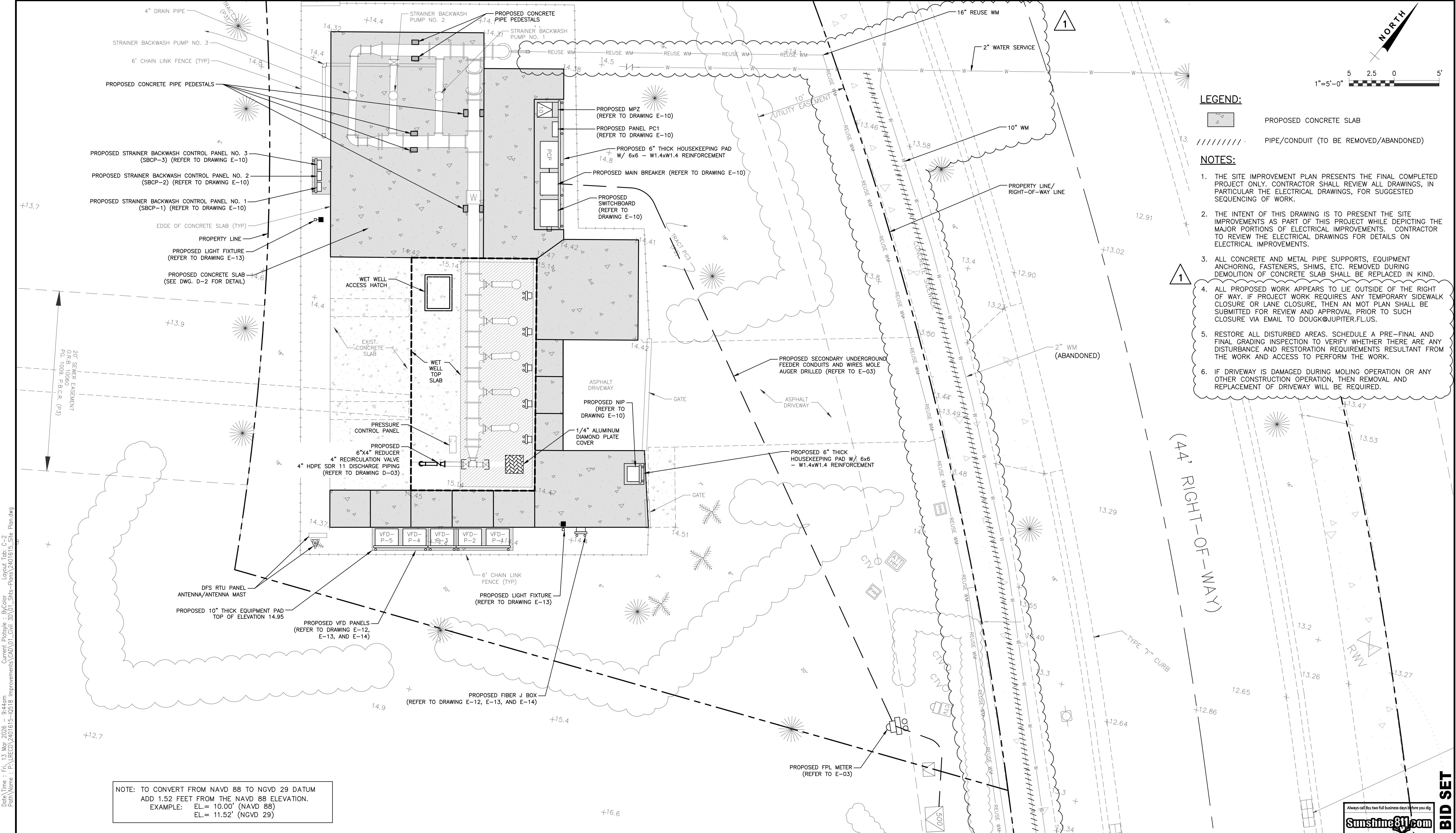
**LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT**  
**IQ 518 PUMP STATION ELECTRICAL AND INSTRUMENTATION & CONTROL IMPROVEMENTS**

DEMOLITION PLAN

DATE: JANUARY 2026
SHEET: 5 of 32
DRAWING: C-01



**BID SET**



- LEGEND:**
- PROPOSED CONCRETE SLAB
  - PIPE/CONDUIT (TO BE REMOVED/ABANDONED)
- NOTES:**
1. THE SITE IMPROVEMENT PLAN PRESENTS THE FINAL COMPLETED PROJECT ONLY. CONTRACTOR SHALL REVIEW ALL DRAWINGS, IN PARTICULAR THE ELECTRICAL DRAWINGS, FOR SUGGESTED SEQUENCING OF WORK.
  2. THE INTENT OF THIS DRAWING IS TO PRESENT THE SITE IMPROVEMENTS AS PART OF THIS PROJECT WHILE DEPICTING THE MAJOR PORTIONS OF ELECTRICAL IMPROVEMENTS. CONTRACTOR TO REVIEW THE ELECTRICAL DRAWINGS FOR DETAILS ON ELECTRICAL IMPROVEMENTS.
  3. ALL CONCRETE AND METAL PIPE SUPPORTS, EQUIPMENT ANCHORING, FASTENERS, SHIMS, ETC. REMOVED DURING DEMOLITION OF CONCRETE SLAB SHALL BE REPLACED IN KIND.
  4. ALL PROPOSED WORK APPEARS TO LIE OUTSIDE OF THE RIGHT OF WAY. IF PROJECT WORK REQUIRES ANY TEMPORARY SIDEWALK CLOSURE OR LANE CLOSURE, THEN AN MOT PLAN SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO SUCH CLOSURE VIA EMAIL TO DOUGK@JUPITER.FL.US.
  5. RESTORE ALL DISTURBED AREAS. SCHEDULE A PRE-FINAL AND FINAL GRADING INSPECTION TO VERIFY WHETHER THERE ARE ANY DISTURBANCE AND RESTORATION REQUIREMENTS RESULTANT FROM THE WORK AND ACCESS TO PERFORM THE WORK.
  6. IF DRIVEWAY IS DAMAGED DURING MOLING OPERATION OR ANY OTHER CONSTRUCTION OPERATION, THEN REMOVAL AND REPLACEMENT OF DRIVEWAY WILL BE REQUIRED.

NOTE: TO CONVERT FROM NAVD 88 TO NGVD 29 DATUM  
 ADD 1.52 FEET FROM THE NAVD 88 ELEVATION.  
 EXAMPLE: EL.= 10.00' (NAVD 88)  
 EL.= 11.52' (NGVD 29)

Date/Time : Fri, 13 Mar 2026 - 9:44am  
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 Layout Tab: C-2  
 Acad Version : R24.js (LMS Tech)  
 User Name : r24.js (LMS Tech)

NO.	DATE	ISSUED FOR	APR'VD BY
1	03-13-2026	ADDENDUM NO. 2	S.J.P.

DESIGNED:	A.R.S.
DRAWN:	D.D.P.
CHECKED:	S.J.P.
APPROVED:	S.J.P.

**BAXTER & WOODMAN**  
 Consulting Engineers

1601 Forum Place, Suite 400, West Palm Beach, Florida 33401  
 Phone: 561-655-6175 • Fax: 561-655-6179  
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VERIFY SCALE	ENGINEER NO.: 2401615
	CLIENT PROJECT NO.: R22009
BAR IS ONE INCH ON FULL SIZE (22x34) ORIGINAL DRAWING. ADJUST SCALES AS NECESSARY.	CAD REF.: 2401615_Site_Plan.dwg

**LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT**  
**IQ 518 PUMP STATION ELECTRICAL AND INSTRUMENTATION & CONTROL IMPROVEMENTS**

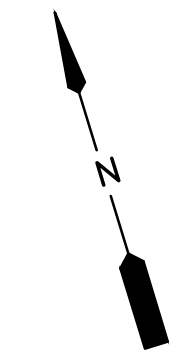
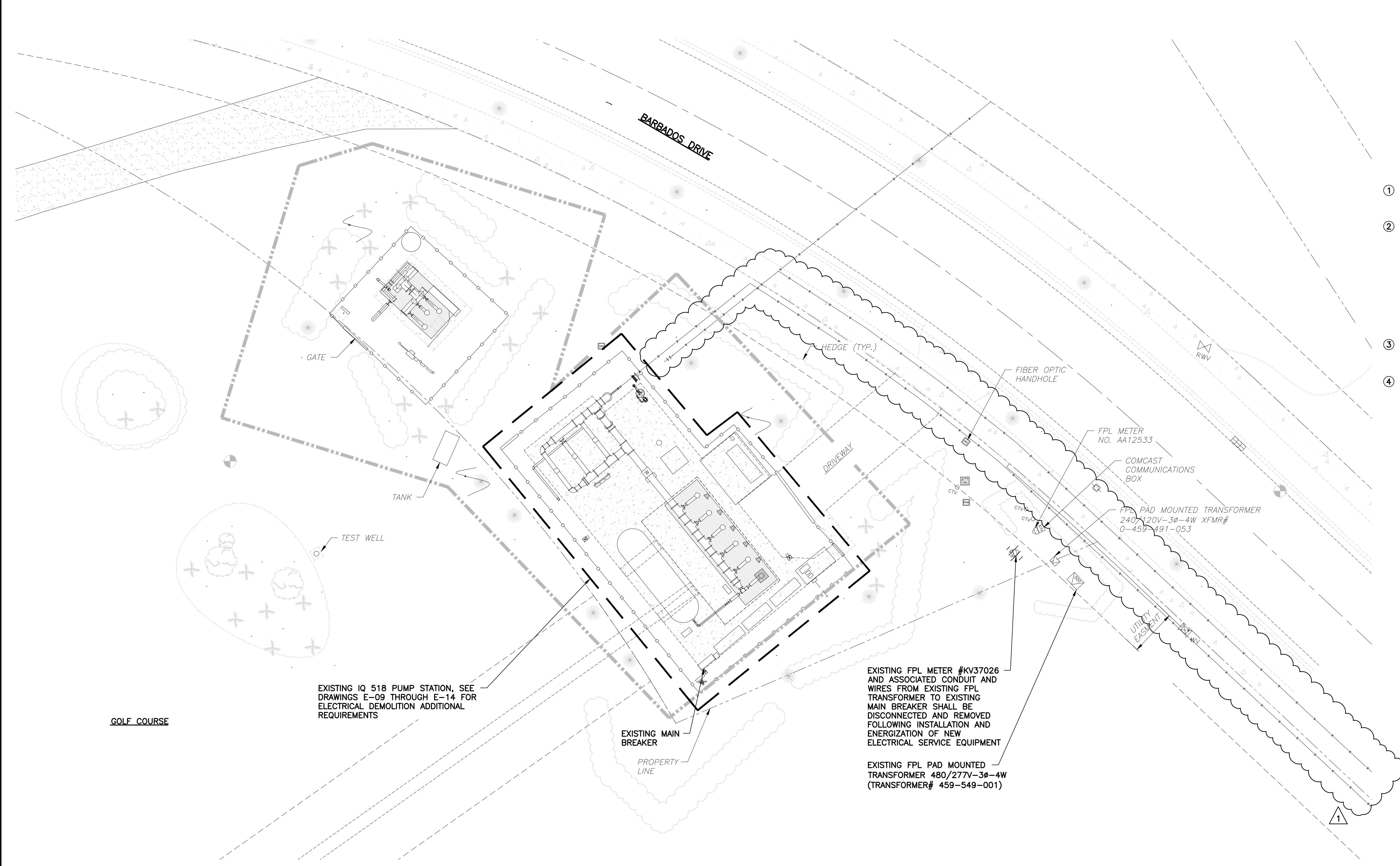
SITE IMPROVEMENT PLAN

DATE: JANUARY 2026  
 SHEET: 6 of 32  
 DRAWING: C-02



**BID SET**

Date: Tue, 12 Sep 2023 8:46am  
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 Acad Version: R24.2s (LWS Tech)  
 User Name: meis



- NOTES:**
- CONTRACTOR SHALL COORDINATE WITH LRECD STAFF FOR ALL EQUIPMENT SHUTDOWNS AND ALLOWABLE SHUTDOWN DURATIONS.
  - THE DEMOLITION OF THE EXISTING EQUIPMENT AND INSTALLATION OF THE NEW EQUIPMENT SHALL BE PHASED IN ORDER TO MINIMIZE EQUIPMENT DOWNTIME AS INDICATED HEREIN. A SUGGESTED SEQUENCE OF CONSTRUCTION IS PROVIDED ON THE ELECTRICAL PLAN VIEWS FOR BIDDING PURPOSES. ALTERNATE CONSTRUCTION SEQUENCES PROPOSED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE ENGINEER AND LRECD FOR APPROVAL, AND IF APPROVED SHALL BE AT NO ADDITIONAL COST TO LRECD.
  - THREE (3) BOOSTER PUMPS SHALL REMAIN IN OPERATION AT ALL TIMES THROUGHOUT CONSTRUCTION/CHANGEOVER.
  - THE EXISTING FPL SERVICE, MAIN BREAKER, PCP PANELS, STRAINER BACKWASH CONTROL PANELS, HMI WORKSTATION, FIBER CONNECTIONS AND DFS RTU SHALL REMAIN IN OPERATION UNTIL THE NEW FPL SERVICE, MAIN BREAKER, SWITCHBOARD, PCP, NIP, STRAINER BACKWASH CONTROL PANELS, MPZ AND VFD'S ARE INSTALLED, TESTED AND PLACED IN FULL OPERATION. REFER TO ELECTRICAL PLAN VIEWS FOR ADDITIONAL REQUIREMENTS.

EXISTING IQ 518 PUMP STATION, SEE DRAWINGS E-09 THROUGH E-14 FOR ELECTRICAL DEMOLITION ADDITIONAL REQUIREMENTS

EXISTING FPL METER #KV37026 AND ASSOCIATED CONDUIT AND WIRES FROM EXISTING FPL TRANSFORMER TO EXISTING MAIN BREAKER SHALL BE DISCONNECTED AND REMOVED FOLLOWING INSTALLATION AND ENERGIZATION OF NEW ELECTRICAL SERVICE EQUIPMENT

EXISTING FPL PAD MOUNTED TRANSFORMER 480/277V-3Ø-4W (TRANSFORMER# 459-549-001)

**ELECTRICAL DEMOLITION SITE PLAN**

SCALE: 1"=10'-0"  
 10 5 0 10'

**EDA**  
 Electrical Design Associates  
 7284 W. Palmetto Park Road, SUITE 302-S  
 Boca Raton, Florida 33433  
 PHONE: (561) 819-5556  
 FAX: (561) 819-5557  
 C.O.A. No. 8079  
 DAMEION DONALDSON, P.E.  
 Florida P.E. No. 70851

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**BID SET**

NO.	DATE	ISSUED FOR	APRV'D BY
▲	03/13/26	ADDENDUM NO. 2	DD

DESIGNED: D.D.  
 DRAWN: R.R.M.  
 CHECKED: W.R.N.  
 APPROVED: D.D.  
 DAMEION DONALDSON, P.E.  
 No. 70851

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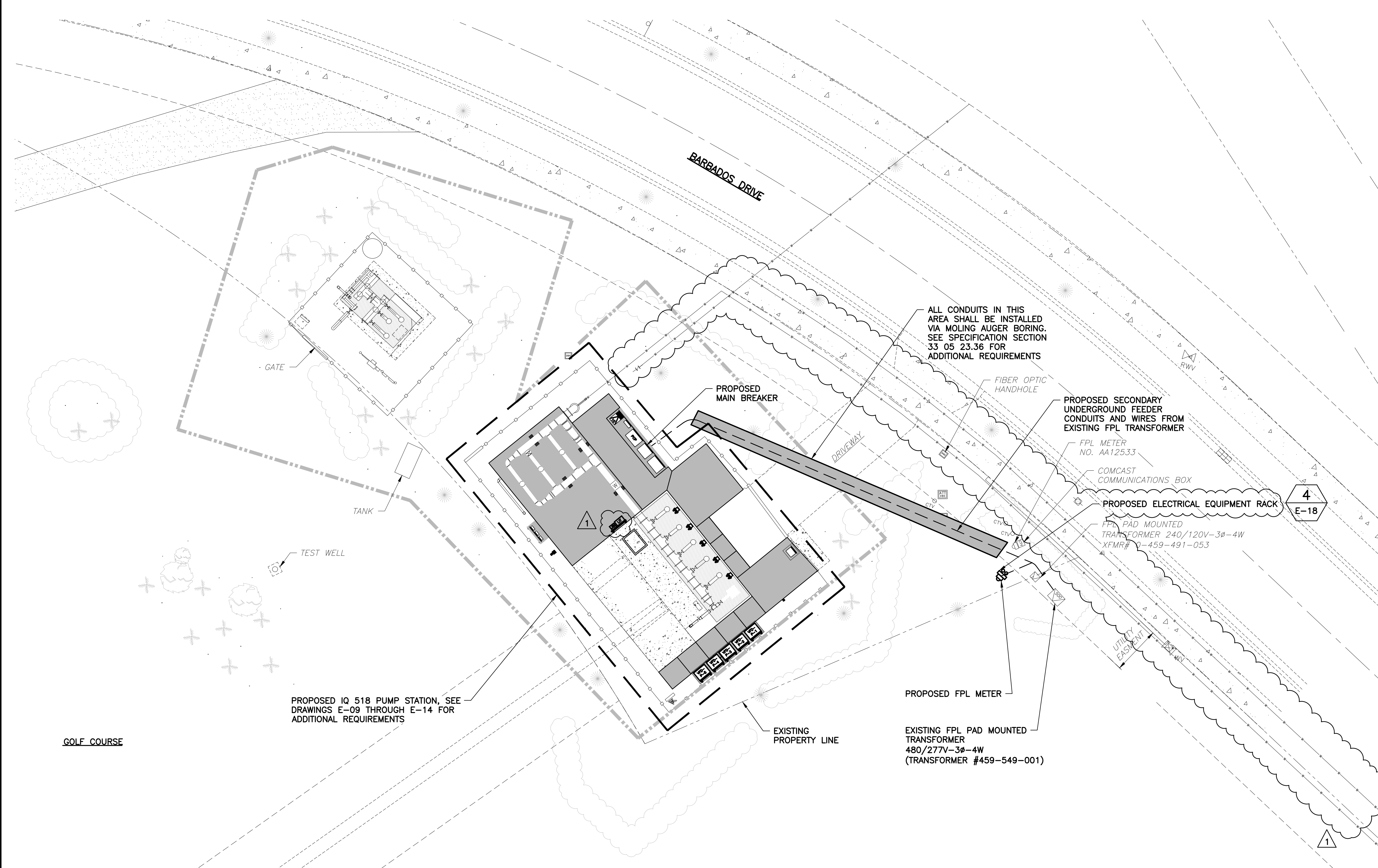
VERIFY SCALE  
 1"  
 BAR IS ONE INCH ON FULL SIZE (22x34) ORIGINAL DRAWING. ADJUST SCALES AS NECESSARY.

ENGINEER NO.: 2401615  
 CLIENT PROJECT NO.: R22009  
 CAD REF.: E-02 DEMO SITE

**LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT**  
**IQ 518 PUMP STATION ELECTRICAL AND INSTRUMENTATION & CONTROL IMPROVEMENTS**  
 ELECTRICAL DEMOLITION SITE PLAN

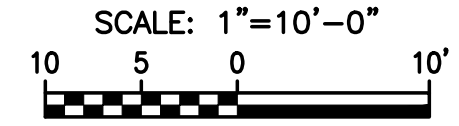
DATE: JANUARY 2026  
 SHEET: 11 of 32  
 DRAWING: E-02

Date: Tue, 12 Sep 2023 8:46am  
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 Acad Version: R24.2s (LWS Tech)  
 User Name: meekes



- NOTES:**
- ① CONTRACTOR SHALL COORDINATE WITH LRECD STAFF FOR ALL EQUIPMENT SHUTDOWNS AND ALLOWABLE SHUTDOWN DURATIONS.
  - ② THE DEMOLITION OF THE EXISTING EQUIPMENT AND INSTALLATION OF THE NEW EQUIPMENT SHALL BE PHASED IN ORDER TO MINIMIZE EQUIPMENT DOWNTIME AS INDICATED HEREIN. A SUGGESTED SEQUENCE OF CONSTRUCTION IS PROVIDED ON THE ELECTRICAL PLAN VIEWS FOR BIDDING PURPOSES. ALTERNATE CONSTRUCTION SEQUENCES PROPOSED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE ENGINEER AND LRECD FOR APPROVAL, AND IF APPROVED SHALL BE AT NO ADDITIONAL COST TO LRECD.
  - ③ THREE (3) BOOSTER PUMPS SHALL REMAIN IN OPERATION AT ALL TIMES THROUGHOUT CONSTRUCTION/CHANGEOVER.
  - ④ THE EXISTING FPL SERVICE, MAIN BREAKER, PCP PANELS, STRAINER BACKWASH CONTROL PANELS, HMI WORKSTATION, FIBER CONNECTIONS AND DFS RTU SHALL REMAIN IN OPERATION UNTIL THE NEW FPL SERVICE, MAIN BREAKER, SWITCHBOARD, PCP, NIP, STRAINER BACKWASH CONTROL PANELS, MPZ AND VFD'S ARE INSTALLED, TESTED AND PLACED IN FULL OPERATION. REFER TO ELECTRICAL PLAN VIEWS FOR ADDITIONAL REQUIREMENTS.
  - ⑤ IF DRIVEWAY IS DAMAGED DURING MOLING OPERATION OR ANY OTHER CONSTRUCTION OPERATION, THEN REMOVAL AND REPLACEMENT OF DRIVEWAY WILL BE REQUIRED. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.

**PROPOSED ELECTRICAL SITE PLAN**



**EDA**  
*Electrical Design Associates*  
 7284 W. Palmetto Park Road, SUITE 302-S  
 Boca Raton, Florida 33433  
 PHONE: (561) 819-5556  
 FAX: (561) 819-5557  
 C.O.A. No. 8079  
 DAMEION DONALDSON, P.E.  
 Florida P.E. No. 70851

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**BID SET**

NO.	DATE	ISSUED FOR	APRVD BY
1	03/13/26	ADDENDUM NO. 2	DD

DESIGNED: D.D.  
 DRAWN: R.R.M.  
 CHECKED: W.R.N.  
 APPROVED: D.D.

DAMEION DONALDSON, P.E.  
 No. 70851

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 Consulting Engineers

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 Phone: 561-655-6175 • Fax: 561-655-6179  
 www.baxterwoodman.com EB-31795

VERIFY SCALE

BAR IS ONE INCH ON FULL SIZE (22x34) ORIGINAL DRAWING. ADJUST SCALES AS NECESSARY.

ENGINEER NO.: 2401615  
 CLIENT PROJECT NO.: R22009  
 CAD REF.: E-03 PROP SITE

**LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT**  
**IQ 518 PUMP STATION ELECTRICAL AND INSTRUMENTATION & CONTROL IMPROVEMENTS**

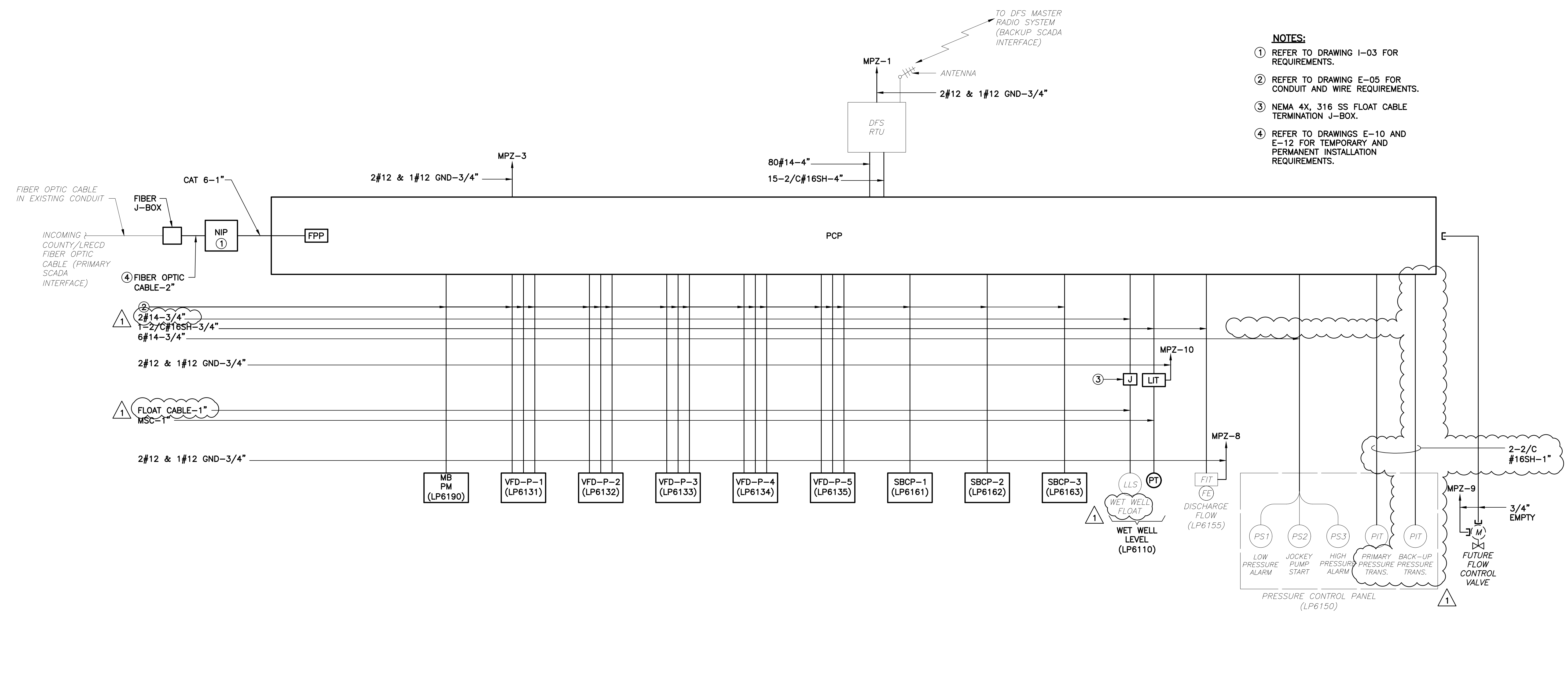
PROPOSED ELECTRICAL SITE PLAN

DATE: JANUARY 2026  
 SHEET: 12 of 32  
 DRAWING: E-03





- NOTES:**
- REFER TO DRAWING I-03 FOR REQUIREMENTS.
  - REFER TO DRAWING E-05 FOR CONDUIT AND WIRE REQUIREMENTS.
  - NEMA 4X, 316 SS FLOAT CABLE TERMINATION J-BOX.
  - REFER TO DRAWINGS E-10 AND E-12 FOR TEMPORARY AND PERMANENT INSTALLATION REQUIREMENTS.



**OVERALL CONTROL RISER DIAGRAM**  
N.T.S.

**EDA**  
Electrical Design Associates  
7284 W. Palmetto Park Road, SUITE 302-S  
Boca Raton, Florida 33433  
PHONE: (561) 819-5556  
FAX: (561) 819-5557  
C.O.A. No. 8079  
DAMEION DONALDSON, P.E.  
Florida P.E. No. 70851

Always call this two full business days before you dig  
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1	03/13/26	ADDENDUM NO. 2	DD

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DRAWN: R.R.M.  
CHECKED: W.R.N.  
APPROVED: D.D.

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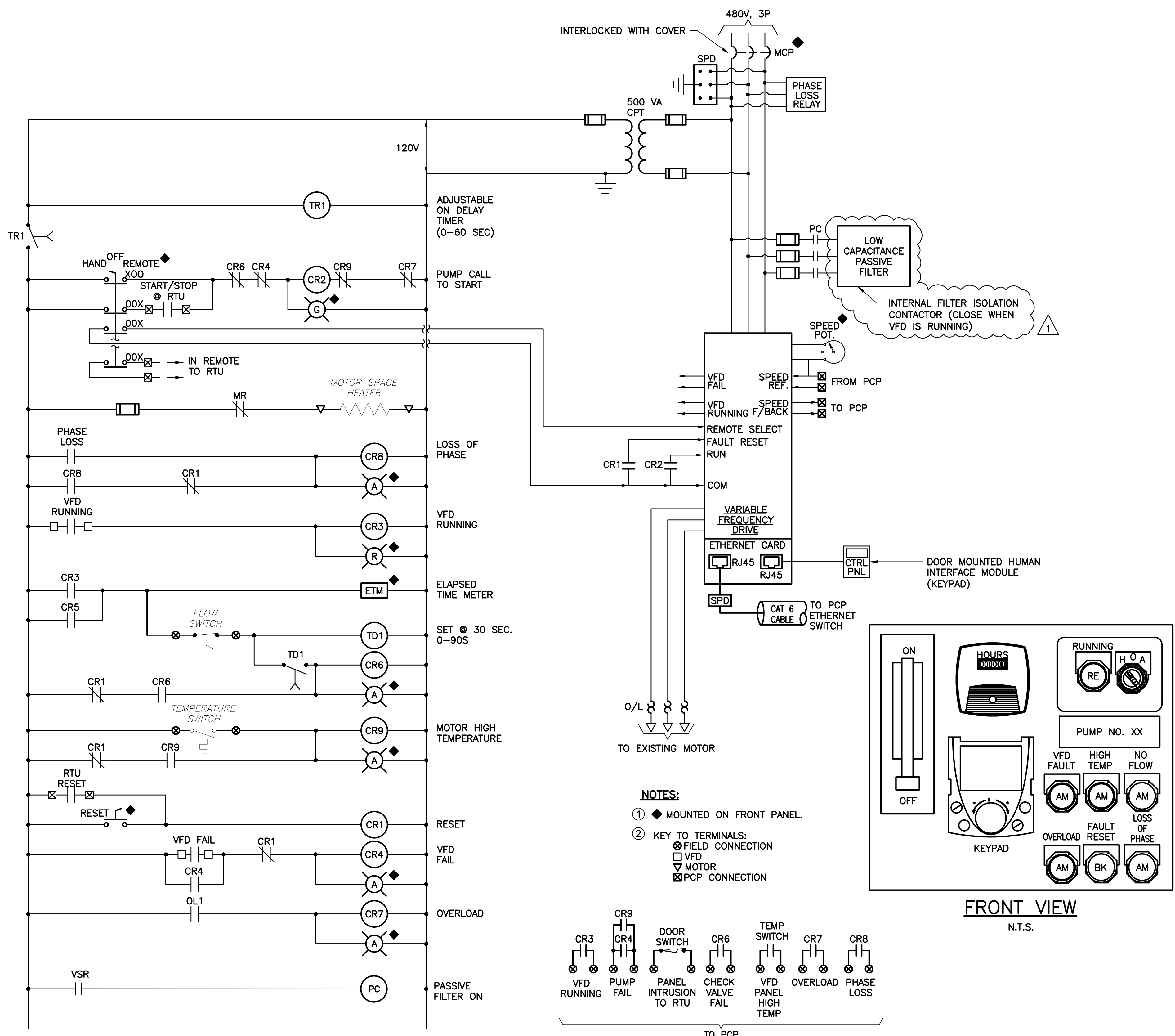
ENGINEER NO.: 2401615  
CLIENT PROJECT NO.: R22009  
CAD REF.: E-07 OVERALL RISER DIA

**LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT IQ 518 PUMP STATION ELECTRICAL AND INSTRUMENTATION & CONTROL IMPROVEMENTS**

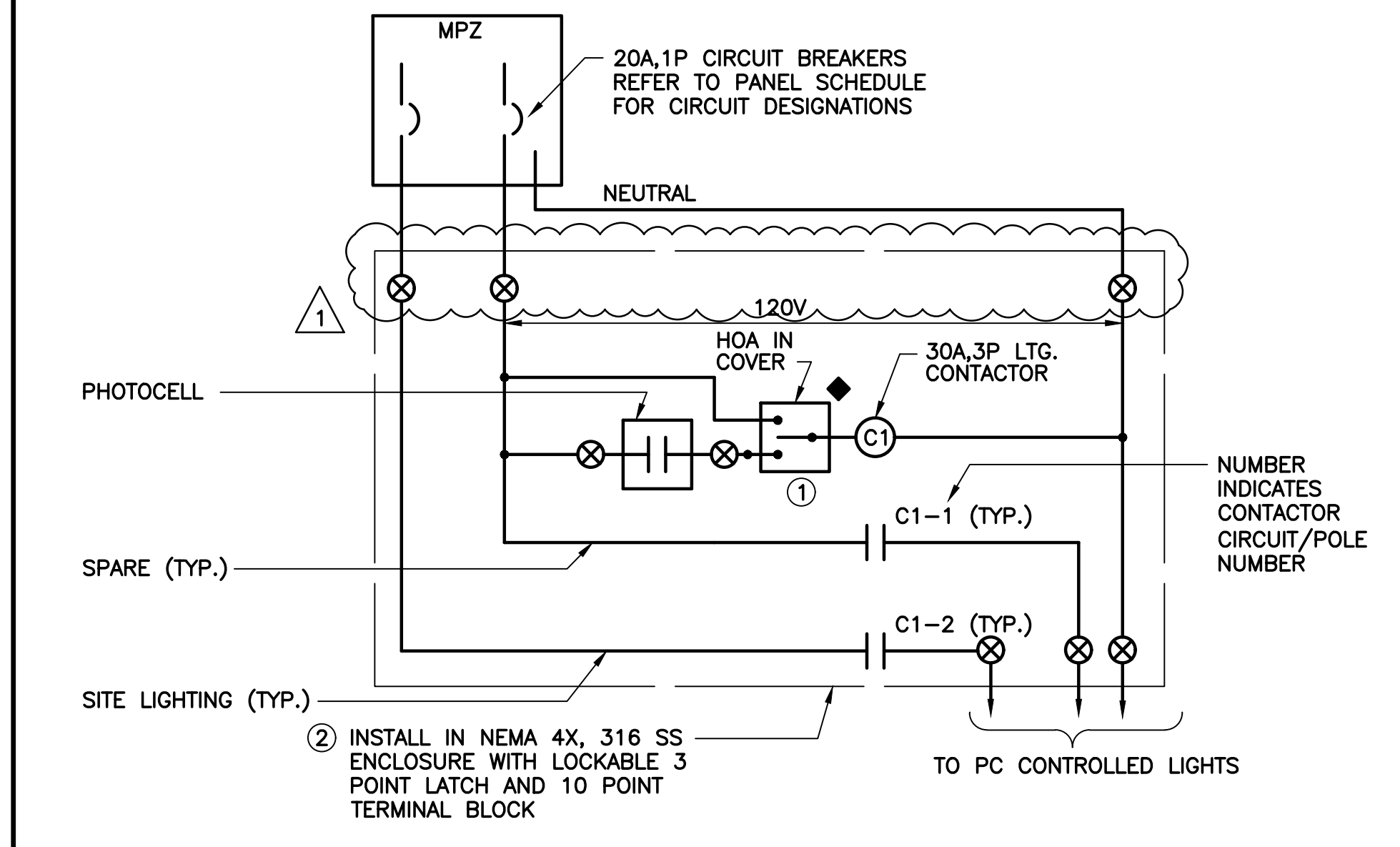
OVERALL CONTROL RISER DIAGRAM

DATE: JANUARY 2026  
SHEET: 16 of 32  
DRAWING: E-07

Acad Version: R24.2s (LMS Tech) User Name: RMeeks Date/Time: Tue, 12 Sep 2023 - 8:46am Layout Tab: Model Path Name: C:\Users\RMeeks\Documents\Projects\Baxter Woodman\RECD\10118 Booster Station\02\_Draft\_PDR\_Results\Draws\VR\_baxterwoodman\_EDA\_TB.dwg



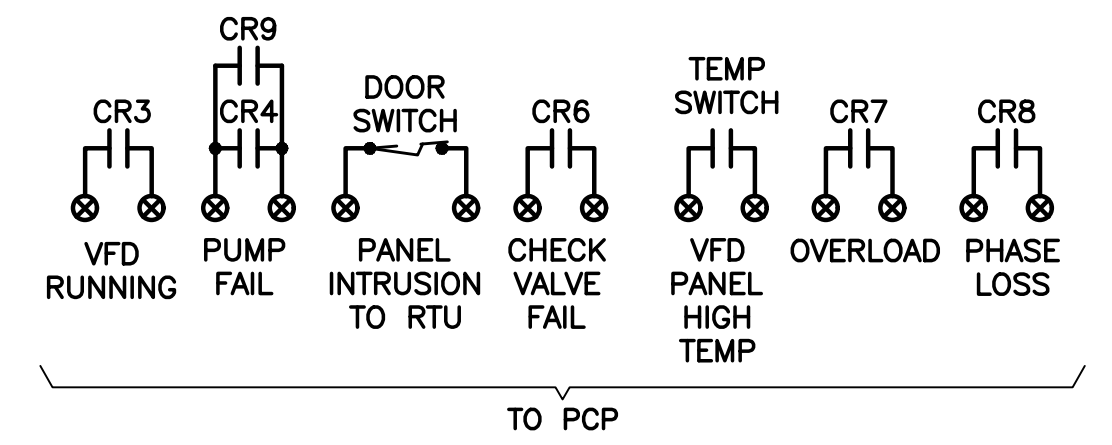
**VFD PANEL ELEMENTARY DIAGRAM (TYP.)**  
SCALE: N.T.S.



**LIGHTING CONTACTOR PANEL PC1**  
SCALE: N.T.S.

- NOTES:**
- ① HOA SWITCH SHALL BE INSTALLED THROUGH OUTER DOOR OF CONTACTOR PANEL.
  - ② LIGHTING CONTACTOR PANEL TO BE BUILT TO U.L. 508 STANDARDS.
  - ③ FURNISH WITH A POWER ON INDICATION LIGHT.
  - ④ ◆ MOUNTED ON FRONT PANEL.
  - ⑤ KEY TO TERMINALS:  
 ○ FIELD CONNECTION  
 □ VFD  
 ▽ MOTOR  
 ⊠ PCP CONNECTION

- NOTES:**
- ① ◆ MOUNTED ON FRONT PANEL.
  - ② KEY TO TERMINALS:  
 ○ FIELD CONNECTION  
 □ VFD  
 ▽ MOTOR  
 ⊠ PCP CONNECTION



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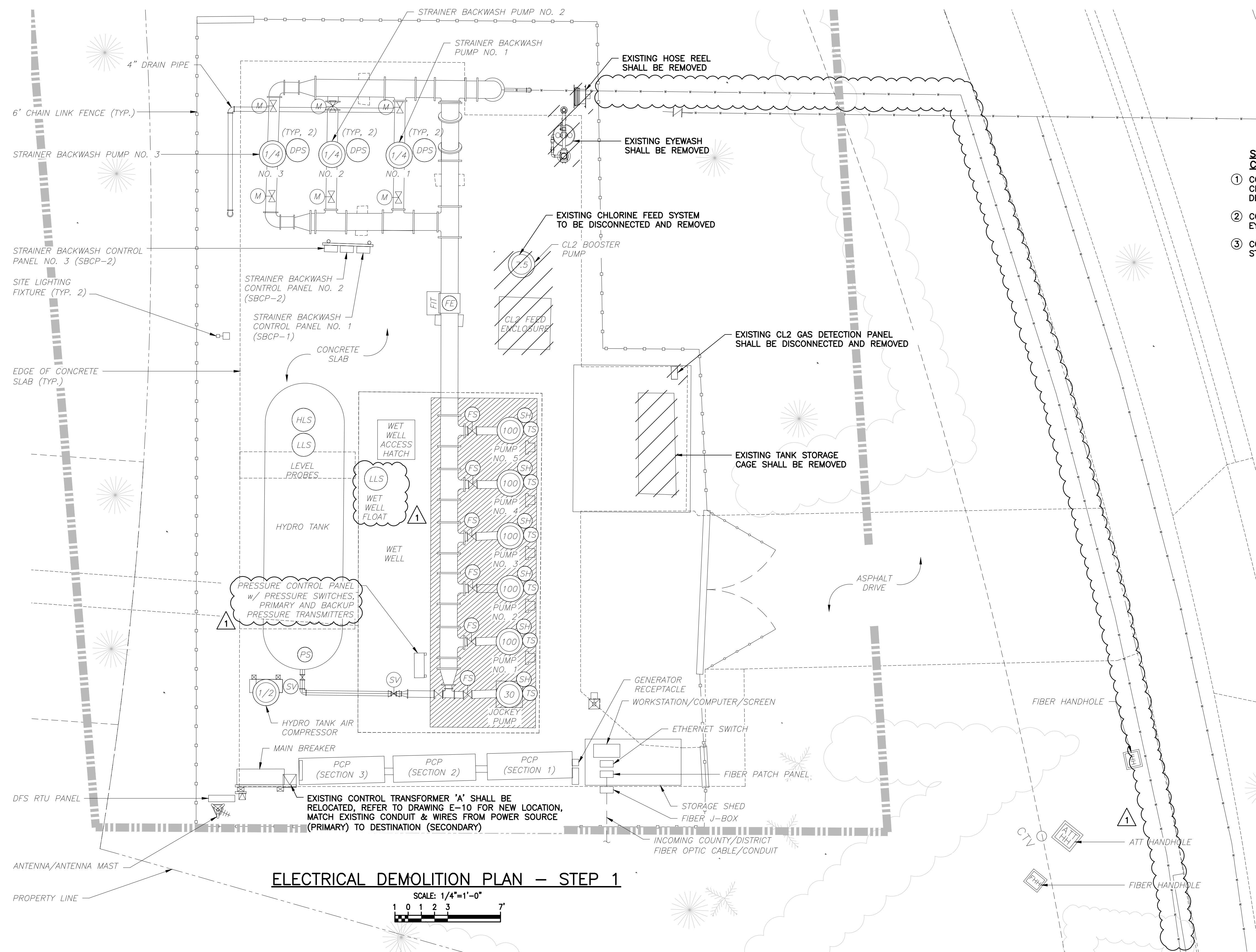
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ENGINEER NO.: 2401615  
 CLIENT PROJECT NO.: R22009  
 CAD REF.: E-08 VFD ELEM DIA

**LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT**  
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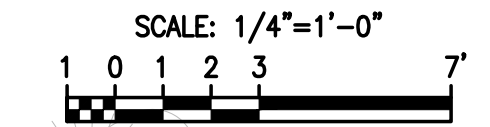
ELEMENTARY DIAGRAMS

DATE: JANUARY 2026  
 SHEET: 17 of 32  
 DRAWING: E-08



- SUGGESTED SEQUENCE OF CONSTRUCTION - STEP 1 NOTES:**
- ① CONTRACTOR SHALL DEMOLISH EXISTING CHLORINE FEED SYSTEM AND CHLORINE GAS DETECTION PANEL.
  - ② CONTRACTOR SHALL DEMOLISH EXISTING EYEWASH STATION AND HOSE REEL.
  - ③ CONTRACTOR SHALL DEMOLISH EXISTING TANK STORAGE CAGE.

**ELECTRICAL DEMOLITION PLAN - STEP 1**



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	R22009
	CAD REF.:
	E-09 DEMO PLAN_S1

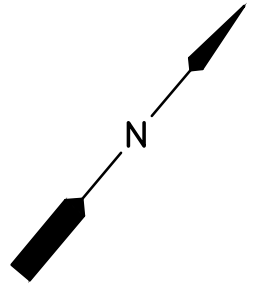
**LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT**  
**IQ 518 PUMP STATION ELECTRICAL AND INSTRUMENTATION & CONTROL IMPROVEMENTS**

ELECTRICAL DEMOLITION PLAN - STEP 1

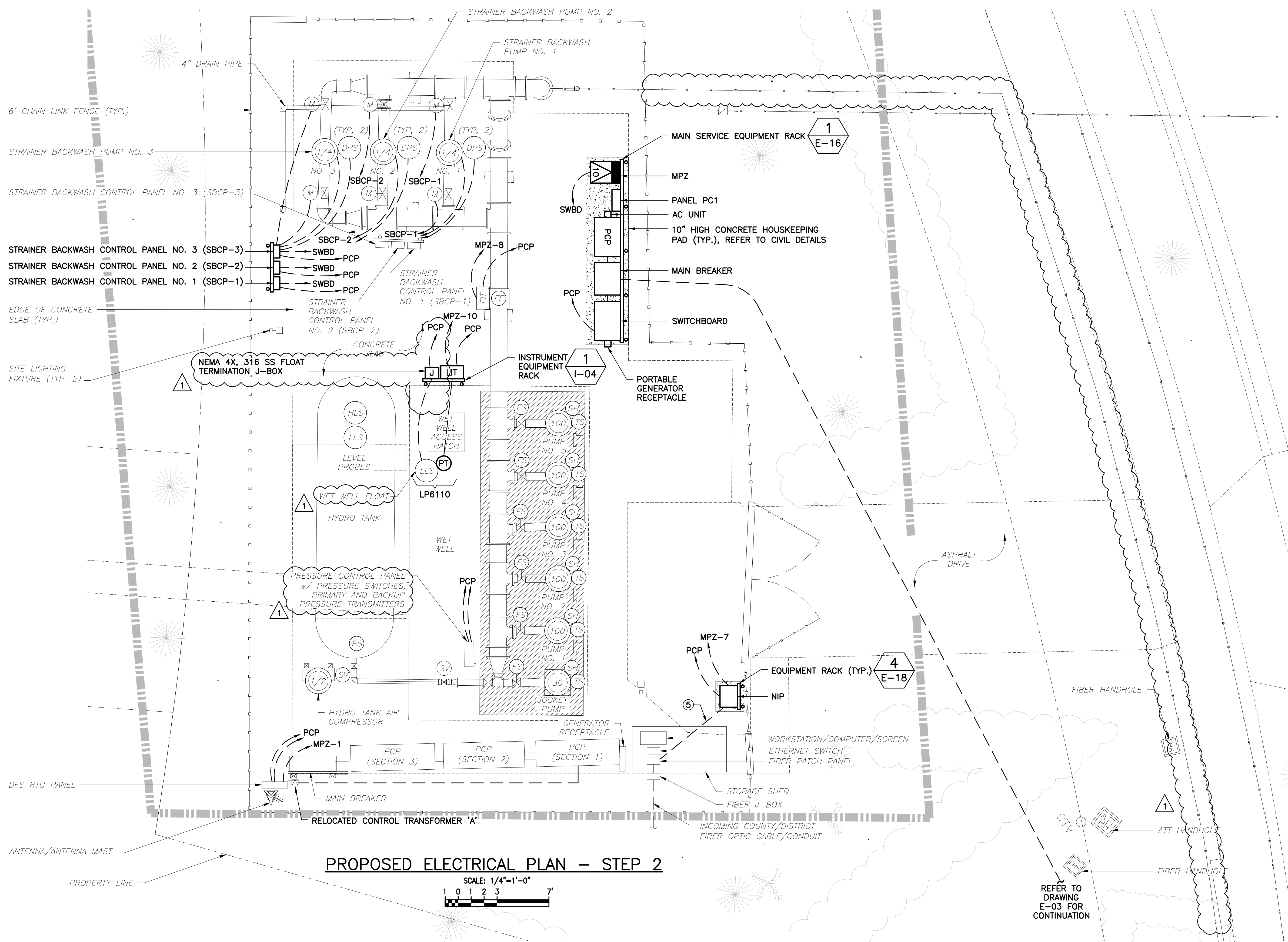
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SHEET:	18 of 32
DRAWING:	E-09

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- SUGGESTED SEQUENCE OF CONSTRUCTION - STEP 2 NOTES:**
- ① CONTRACTOR SHALL INSTALL NEW MAIN BREAKER, SWITCHBOARD, PCP, PANEL PC1, MPZ, FCP'S AND NIP AND ALL ASSOCIATED CONDUITS AND WIRES.
  - ② CONTRACTOR SHALL RELOCATE EXISTING CONTROL TRANSFORMER 'A' AND ASSOCIATED CONDUIT & WIRES AS SHOWN.
  - ③ CONTRACTOR SHALL ENERGIZE THE NEW ELECTRICAL SERVICE EQUIPMENT. THE EXISTING SERVICE EQUIPMENT SHALL REMAIN IN OPERATION UNTIL ALL NEW LOADS HAVE BEEN TRANSFERRED TO THE NEW ELECTRICAL SERVICE EQUIPMENT.
  - ④ REFER TO DRAWING E-15 FOR GROUNDING REQUIREMENTS AND FINAL EQUIPMENT LAYOUT.
  - ⑤ CONTRACTOR SHALL TEMPORARILY INSTALL FIBER OPTIC CABLE IN 2" CONDUIT FOR TEMPORARY CONNECTION OF NIP TO EXISTING FIBER PATCH PANEL.



**PROPOSED ELECTRICAL PLAN - STEP 2**

SCALE: 1/4"=1'-0"  
 1 0 1 2 3 7'

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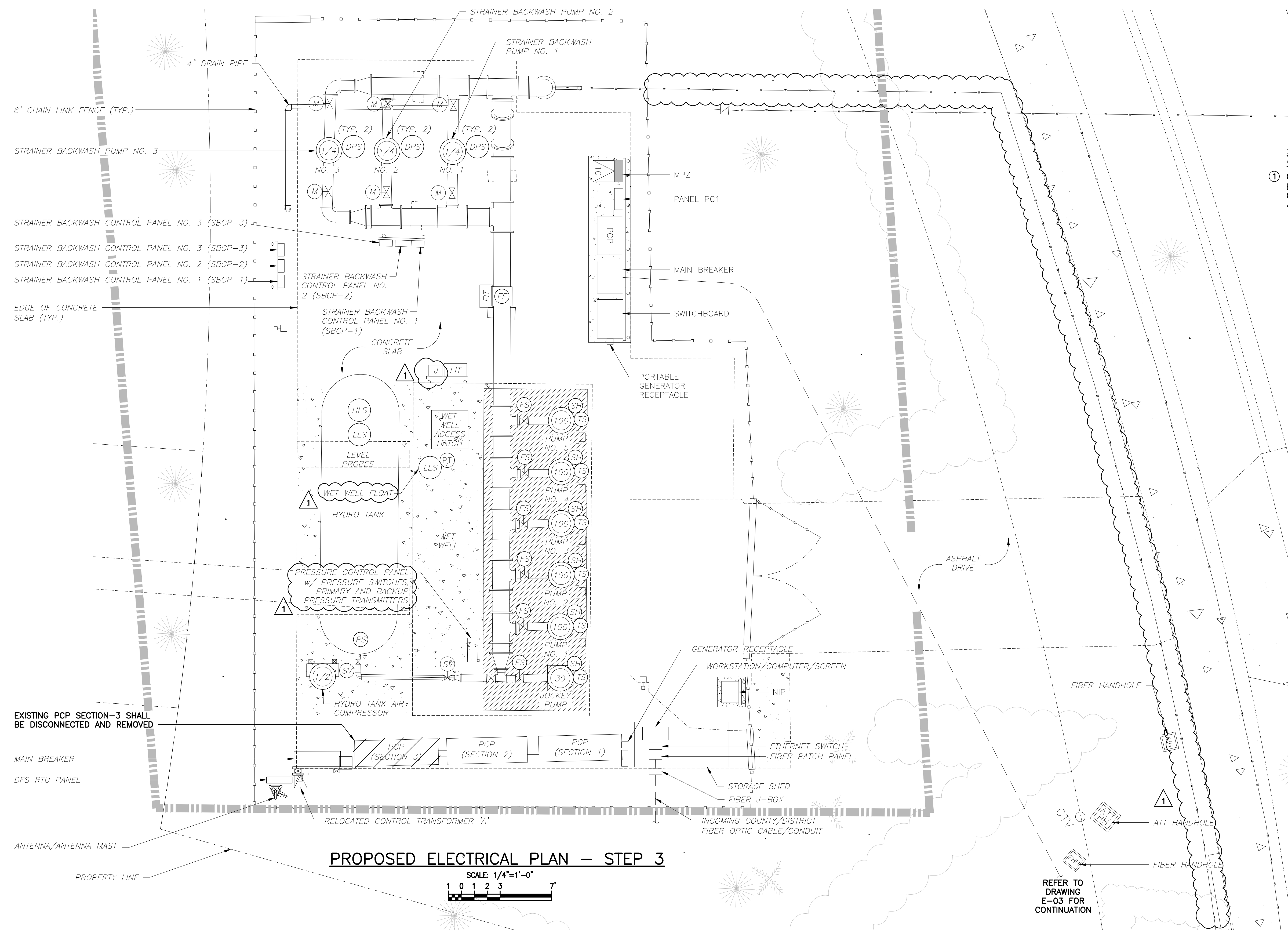
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 CLIENT PROJECT NO.: R22009  
 CAD REF.: E-10 PROP PLAN\_S2

**LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT**  
**IQ 518 PUMP STATION ELECTRICAL AND INSTRUMENTATION & CONTROL IMPROVEMENTS**

PROPOSED ELECTRICAL PLAN - STEP 2

DATE: JANUARY 2026  
 SHEET: 19 of 32  
 DRAWING: E-10

Date/Time : Tue, 12 Sep 2023 8:46am  
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**SUGGESTED SEQUENCE OF CONSTRUCTION - STEP 3 NOTES:**

- CONTRACTOR SHALL DISCONNECT & REMOVE EXISTING PCP CABINET-SECTION 3 (WHICH CURRENTLY HOUSES STARTERS FOR PUMPS 3, 4 AND 5).

**PROPOSED ELECTRICAL PLAN - STEP 3**

SCALE: 1/4"=1'-0"  
 0 1 2 3 7

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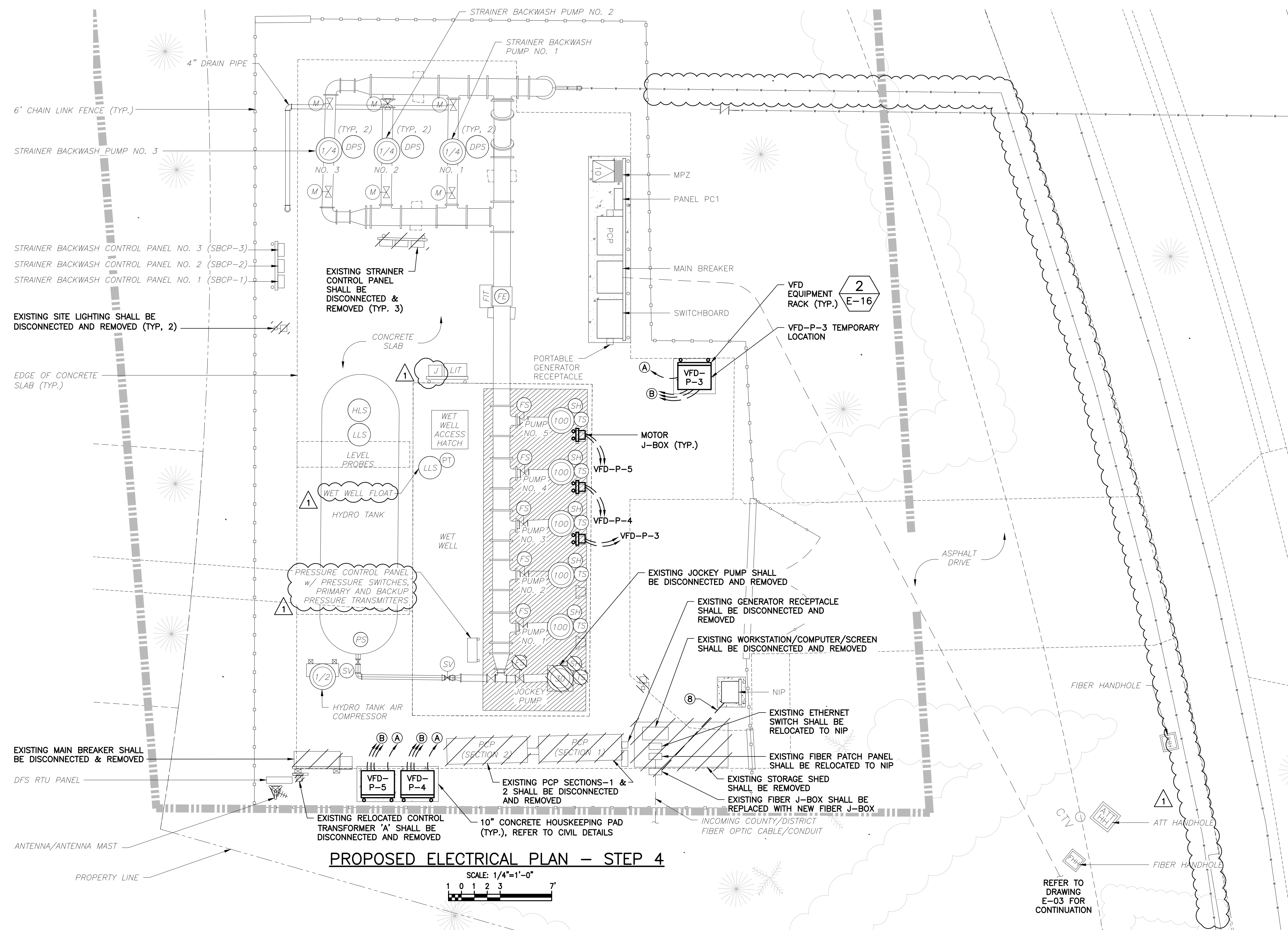
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 CAD REF.: E-11 DEMO PLAN\_S3

**LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT**  
**IQ 518 PUMP STATION ELECTRICAL AND INSTRUMENTATION & CONTROL IMPROVEMENTS**

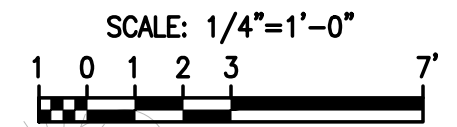
PROPOSED ELECTRICAL PLAN - STEP 3

DATE: JANUARY 2026  
 SHEET: 20 of 32  
 DRAWING: E-11

Date/Time : Tue, 12 Sep 2023 8:46am  
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**PROPOSED ELECTRICAL PLAN - STEP 4**



**SUGGESTED SEQUENCE OF CONSTRUCTION - STEP 4 NOTES:**

- ① CONTRACTOR SHALL INSTALL NEW FREE-STANDING VFDs FOR PUMPS 4 AND 5.
- ② CONTRACTOR SHALL TEMPORARILY INSTALL NEW FREE-STANDING VFD FOR PUMP 3 IN TEMPORARY LOCATION.
- ③ CONTRACTOR SHALL INSTALL ALL ASSOCIATED MOTOR J-BOXES, CONDUITS AND WIRES FOR PUMPS No. 3, 4 AND 5.
- ④ CONTRACTOR SHALL TEST AND STARTUP THE NEW VFDs FOR PUMPS No. 3, 4 AND 5 AND FCP'S WITH THE NEW PCP AND NEW ELECTRICAL EQUIPMENT.
- ⑤ ALL EXISTING INSTRUMENTS THAT ARE USED FOR CONTROL WILL BE WIRED TO COMMUNICATE TO BOTH EXISTING AND NEW PLCs.
- ⑥ CONTRACTOR SHALL DISCONNECT & REMOVE EXISTING MAIN BREAKER, PCP CABINET-SECTIONS 1 AND 2, GENERATOR RECEPTACLE AND CONTROL TRANSFORMER 'A'.
- ⑦ REFER TO DRAWING E-14 FOR GROUNDING REQUIREMENTS AND FINAL EQUIPMENT LAYOUT.
- ⑧ CONTRACTOR SHALL COORDINATE WITH LRECD/COUNTY TO EXTEND EXISTING LRECD/COUNTY FIBER OPTIC CABLE FROM EXISTING J-BOX TO NIP FOR PERMANENT CONNECTION.
- ⑨ CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING JOCKEY PUMP AND ASSOCIATED CONDUIT AND WIRES.

**NOTES:**

- A TO SWITCHBOARD.
- B TO PCP.

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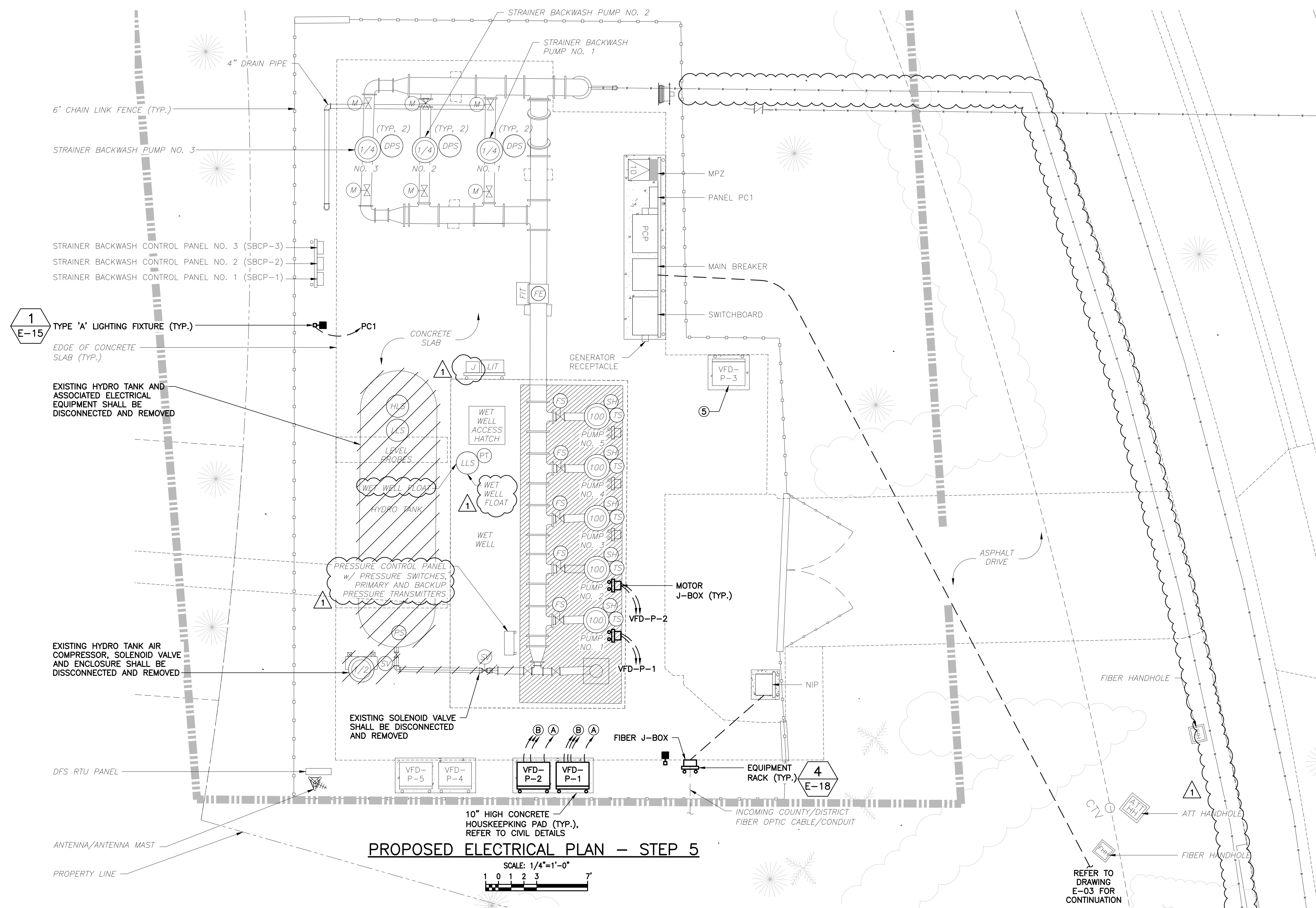
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PROPOSED ELECTRICAL PLAN - STEP 4

DATE: JANUARY 2026
SHEET: 21 of 32
DRAWING: E-12

Date/Time : Tue, 12 Sep 2023 8:46am Current Plotstyle : ByColor Layout Tab: Model  
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- SUGGESTED SEQUENCE OF CONSTRUCTION - STEP 5 NOTES:**
- ① CONTRACTOR SHALL INSTALL NEW FREE-STANDING VFDs FOR PUMPS 1 & 2 WITHIN THE EXISTING PCP CABINET-SECTIONS 1 AND 2 SPACE.
  - ② CONTRACTOR SHALL INSTALL ALL ASSOCIATED MOTOR J-BOXES, CONDUITS AND WIRES FOR PUMPS NO. 1 & 2.
  - ③ CONTRACTOR SHALL TEST AND STARTUP THE NEW VFDs FOR PUMPS NO. 1 & 2 WITH THE NEW PCP AND NEW ELECTRICAL EQUIPMENT.
  - ④ CONTRACTOR SHALL DISCONNECT & REMOVE EXISTING HYDRO TANK AND ASSOCIATED ELECTRICAL EQUIPMENT.
  - ⑤ CONTRACTOR SHALL RELOCATE AND INSTALL TEMPORARY VFD-P-3 IN ITS PERMANENT LOCATION AS SHOWN ON DRAWING E-14.
  - ⑥ REFER TO DRAWING E-15 FOR GROUNDING REQUIREMENTS AND FINAL EQUIPMENT LAYOUT.

- NOTES:**
- Ⓐ TO SWITCHBOARD.
  - Ⓑ TO PCP.

**PROPOSED ELECTRICAL PLAN - STEP 5**

SCALE: 1/4"=1'-0"  
 1 0 1 2 3 7

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	R22009
	CAD REF.:
	E-13 PROP PLAN_SS

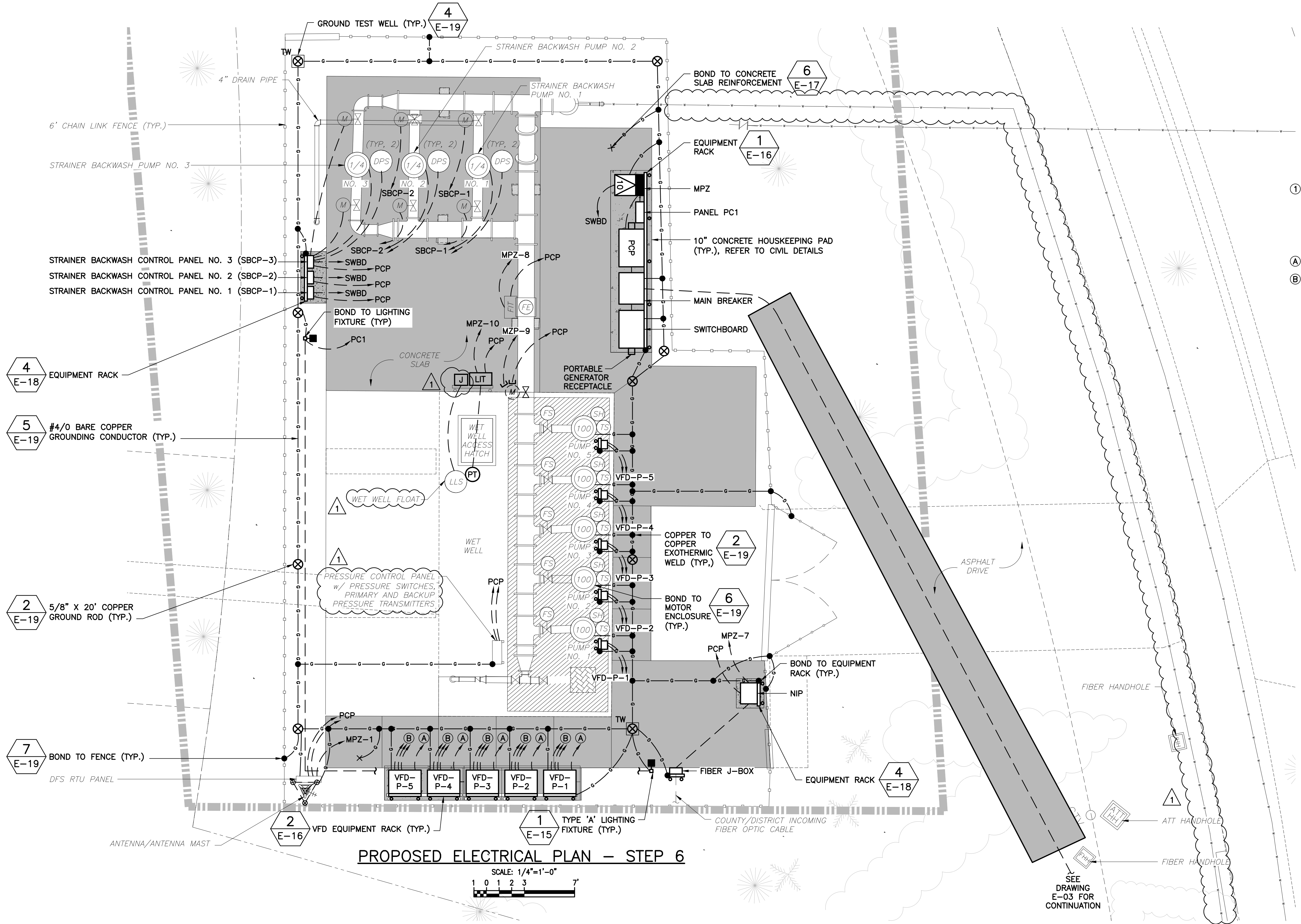
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**IQ 518 PUMP STATION ELECTRICAL AND INSTRUMENTATION & CONTROL IMPROVEMENTS**

PROPOSED ELECTRICAL PLAN - STEP 5

DATE:	JANUARY 2026
SHEET:	22 of 32
DRAWING:	E-13

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**SUGGESTED SEQUENCE OF CONSTRUCTION - STEP 6 NOTES:**

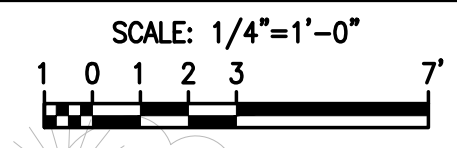
① CONTRACTOR SHALL RELOCATE VFD-P-3 FROM TEMPORARY LOCATION TO FINAL LOCATION BETWEEN VFD-P-4 AND VFD-P-2.

**NOTES:**

Ⓐ TO SWITCHBOARD.

Ⓑ TO PCP.

**PROPOSED ELECTRICAL PLAN - STEP 6**



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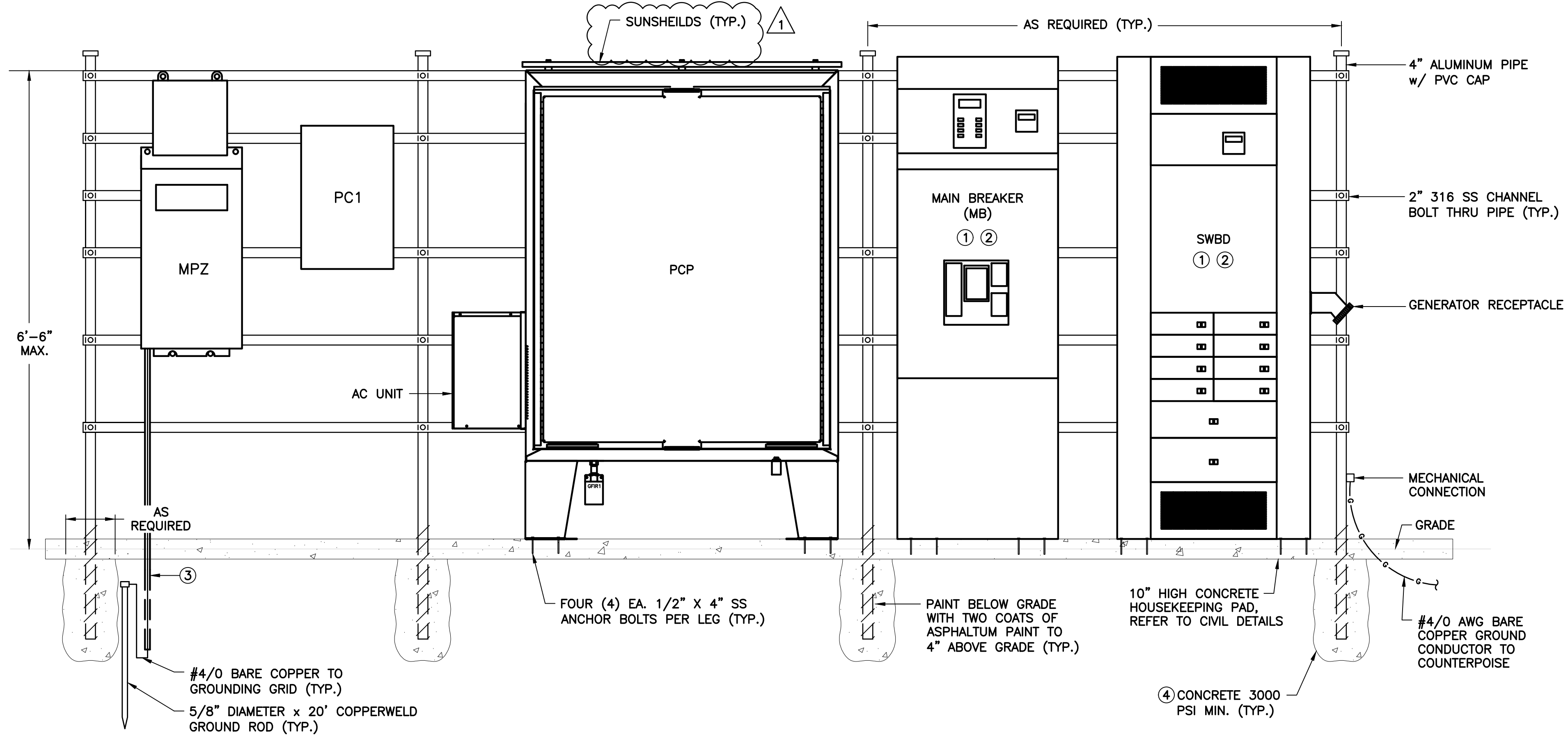
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	CAD REF.: E-14 PROP PLAN_S6

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**IQ 518 PUMP STATION ELECTRICAL AND INSTRUMENTATION & CONTROL IMPROVEMENTS**

PROPOSED ELECTRICAL PLAN - STEP 6

DATE:	JANUARY 2026
SHEET:	23 of 32
DRAWING:	E-14

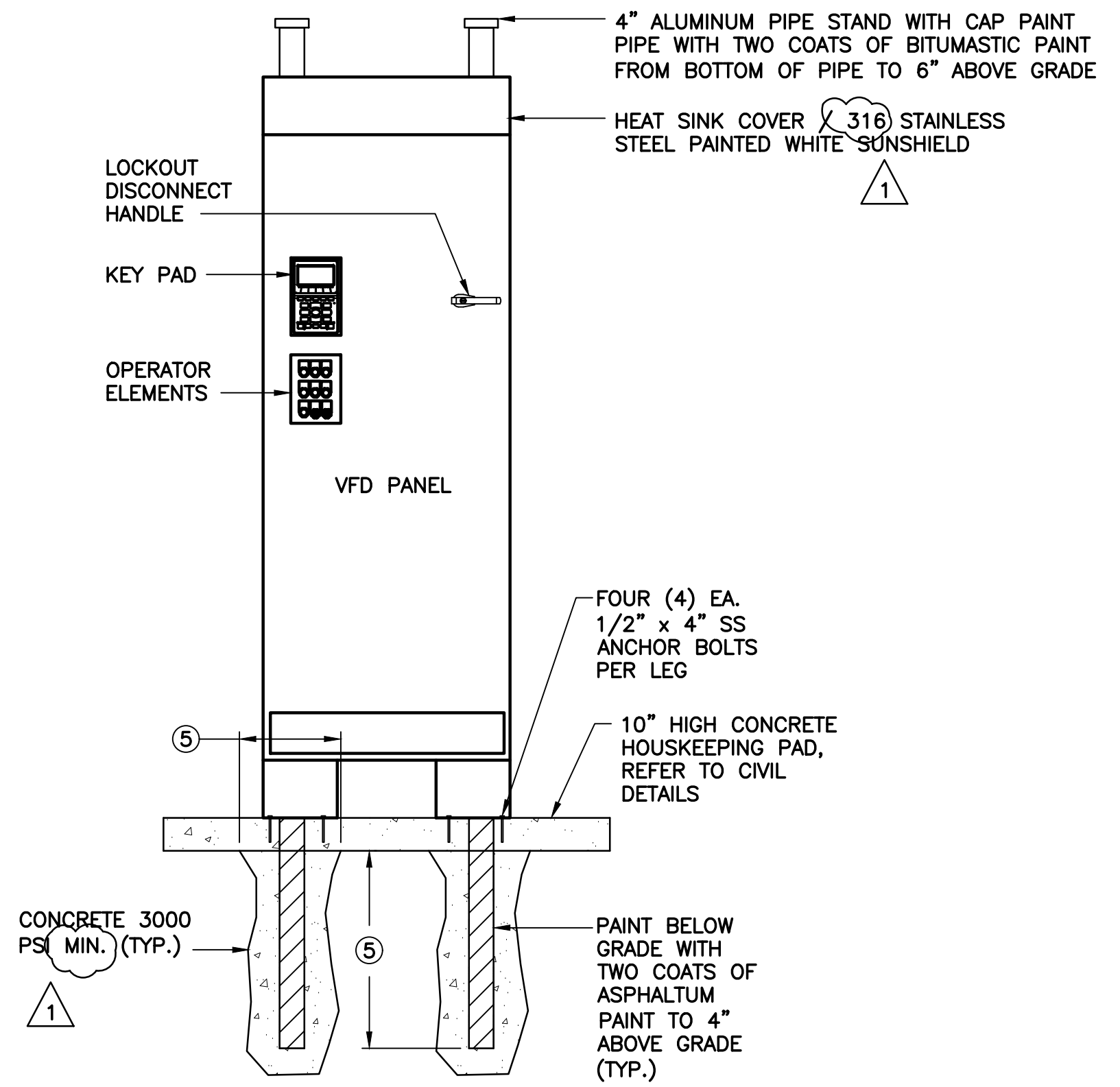
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 Date/Time : Tue, 12 Sep 2023 - 8:46am  
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 Current Plot Style : ByColor  
 Layout Tab: Model  
 W:\2\_Active Projects\Baxter Woodman\RECD\0118 Pump Station\011\_L\_Ads\0206-12100 PM\_meesk



**GENERAL NOTES:**

- ① THE ENCLOSURE SHALL HAVE A PAD LOCKABLE HASP AND A THREE POINT LATCH SYSTEM AND WIND RESTRAINER ARM THAT INCLUDES HARDWARE TO RESTRAIN THE OUTER DOOR AND THE DEAD FRONT DOOR WHEN OPENED. THE HASP AND HARDWARE SHALL BE TYPE 316 STAINLESS STEEL. OUTER ENCLOSURE DOOR IS NOT SHOWN FOR CLARITY.
- ② PLASTIC WARNING LABEL STATING "DANGER HIGH VOLTAGE" SHALL BE INSTALLED ON THE OUTSIDE OF THE ENCLOSURE DOOR AND BE SECURED TO THE DOOR WITH ADHESIVE OR CEMENT.
- ③ SCHEDULE 80 PVC CONDUIT WITH GROUND WIRE.
- ④ DEPTH AS REQUIRED TO MEET FLORIDA BUILDING CODE WIND LOAD REQUIREMENTS. CONTRACTOR SHALL SUBMIT FOOTING DETAILED DRAWINGS INCLUDING WIND LOAD CALCULATIONS SIGNED AND SEALED BY A STATE OF FLORIDA STRUCTURAL ENGINEER. CALCULATIONS SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.
- ⑤ ALL HARDWARE SHALL BE 316 STAINLESS STEEL, UNLESS OTHERWISE NOTED.

**1**  
TYP. **MAIN SERVICE EQUIPMENT RACK – FRONT ELEVATION**  
N.T.S.



**TYPICAL VFD EQUIPMENT RACK NOTES:**

- ① THE ENCLOSURE SHALL HAVE A PAD LOCKABLE HASP AND A THREE POINT LATCH SYSTEM AND WIND RESTRAINER ARM THAT INCLUDES HARDWARE TO RESTRAIN THE OUTER DOOR AND THE DEAD FRONT DOOR WHEN OPENED. THE HASP AND HARDWARE SHALL BE TYPE 316 STAINLESS STEEL. OUTER ENCLOSURE DOOR IS NOT SHOWN FOR CLARITY.
- ② PLASTIC WARNING LABEL STATING "DANGER HIGH VOLTAGE" SHALL BE INSTALLED ON THE OUTSIDE OF THE ENCLOSURE DOOR AND BE SECURED TO THE DOOR WITH ADHESIVE OR CEMENT.
- ③ PLASTIC LABEL AND POCKET FOR CLIPBOARD, PROVIDED AND INSTALLED BY THE CONTRACTOR ON THE BACK OF THE VFD ENCLOSURE DOOR USING AN ADHESIVE OR CEMENT.
- ④ SCHEDULE 80 PVC CONDUIT WITH GROUND WIRE.
- ⑤ DEPTH AS REQUIRED TO MEET FLORIDA BUILDING CODE WIND LOAD REQUIREMENTS. CONTRACTOR SHALL SUBMIT FOOTING DETAILED DRAWINGS INCLUDING WIND LOAD CALCULATIONS SIGNED AND SEALED BY A STATE OF FLORIDA STRUCTURAL ENGINEER. CALCULATIONS SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.
- ⑥ ALL HARDWARE SHALL BE 316 STAINLESS STEEL UNLESS OTHERWISE NOTED.

**2**  
TYP. **VFD EQUIPMENT RACK – FRONT ELEVATION (TYP.)**  
SCALE: N.T.S.

**EDA**  
Electrical Design Associates  
7284 W. Palmetto Park Road, SUITE 302-S  
Boca Raton, Florida 33433  
PHONE: (561) 819-5556  
FAX: (561) 819-5557  
C.O.A. No. 8079  
DAMEION DONALDSON, P.E.  
Florida P.E. No. 70851

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NO.	DATE	ISSUED FOR	APRV'D BY
1	03/13/26	ADDENDUM NO. 2	DD

DESIGNED: D.D.
DRAWN: R.R.M.
CHECKED: W.R.N.
APPROVED: D.D.
DAMEION DONALDSON, P.E. No. 70851

**BAXTER & WOODMAN**  
Consulting Engineers

1601 Forum Place, Suite 400, West Palm Beach, Florida 33401  
Phone: 561-655-6175 • Fax: 561-655-6179  
www.baxterwoodman.com EB-31795

VERIFY SCALE  
1"  
BAR IS ONE INCH ON FULL SIZE (22x34) ORIGINAL DRAWING. ADJUST SCALES AS NECESSARY.

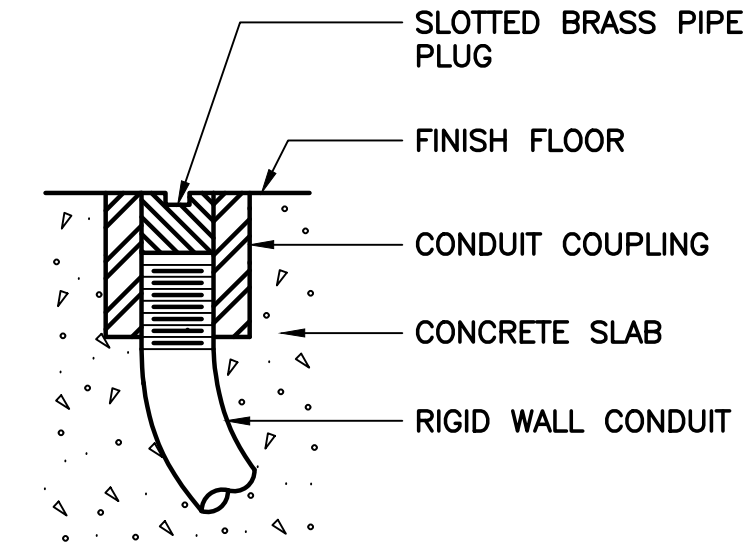
ENGINEER NO.: 2401615  
CLIENT PROJECT NO.: R22009  
CAD REF.: E-16 VFD RACK DTL

**LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT**  
**IQ 518 PUMP STATION ELECTRICAL AND INSTRUMENTATION & CONTROL IMPROVEMENTS**

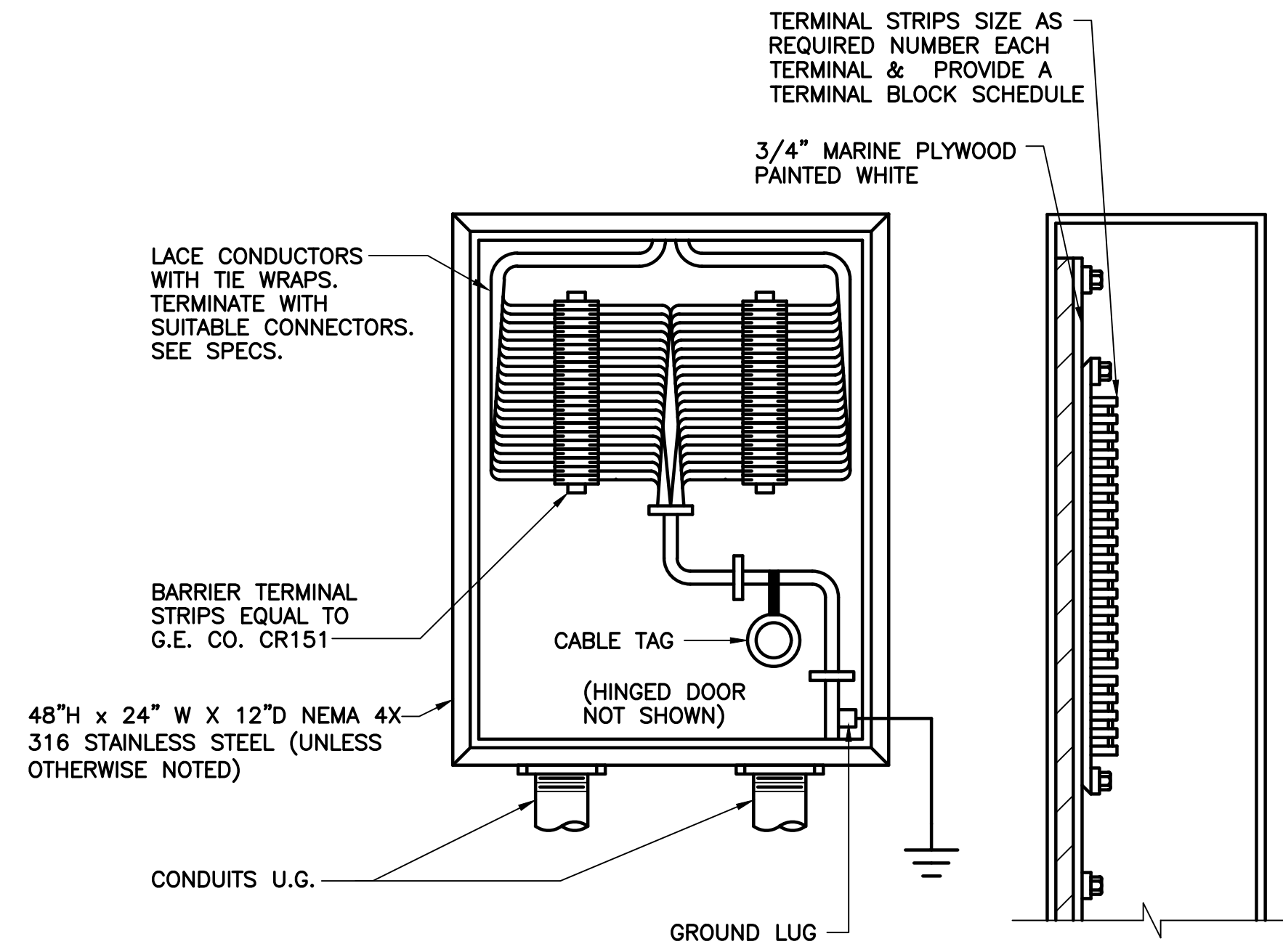
EQUIPMENT RACK FRONT VIEWS

DATE: JANUARY 2026  
SHEET: 25 of 32  
DRAWING: E-16

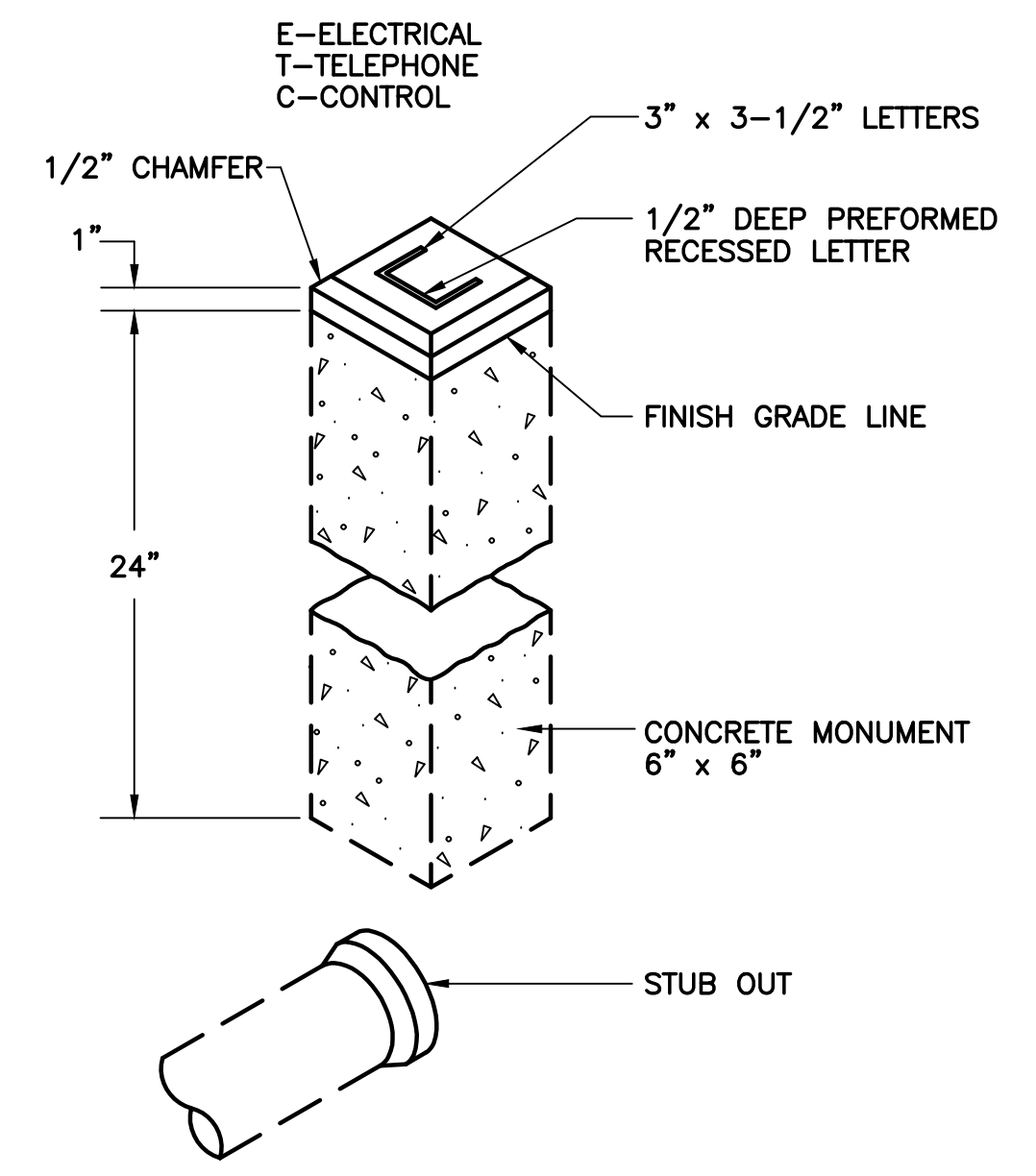
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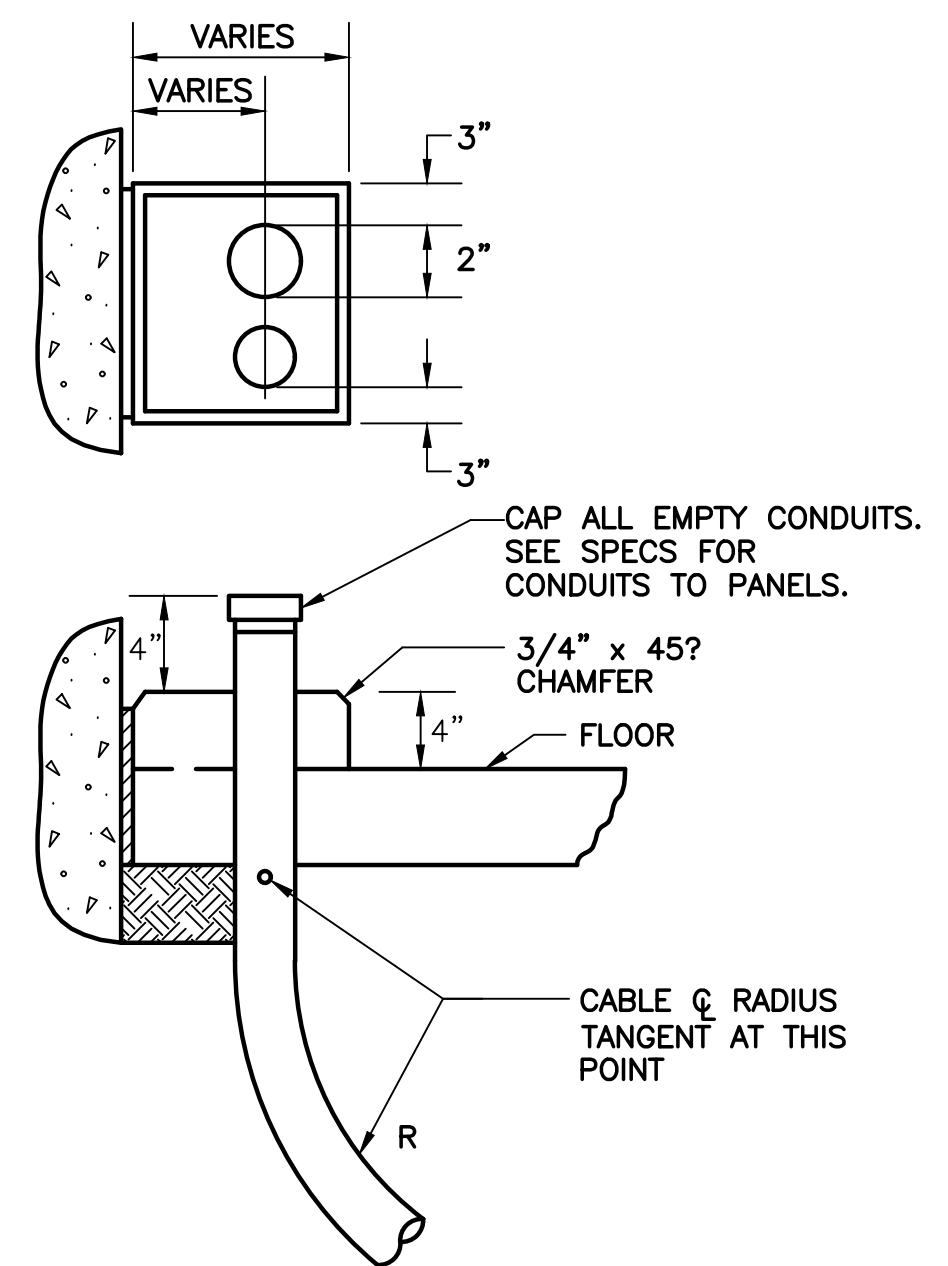
**1**  
TYP. DETAIL OF CONDUIT TERMINATION STUB OUT  
N.T.S.



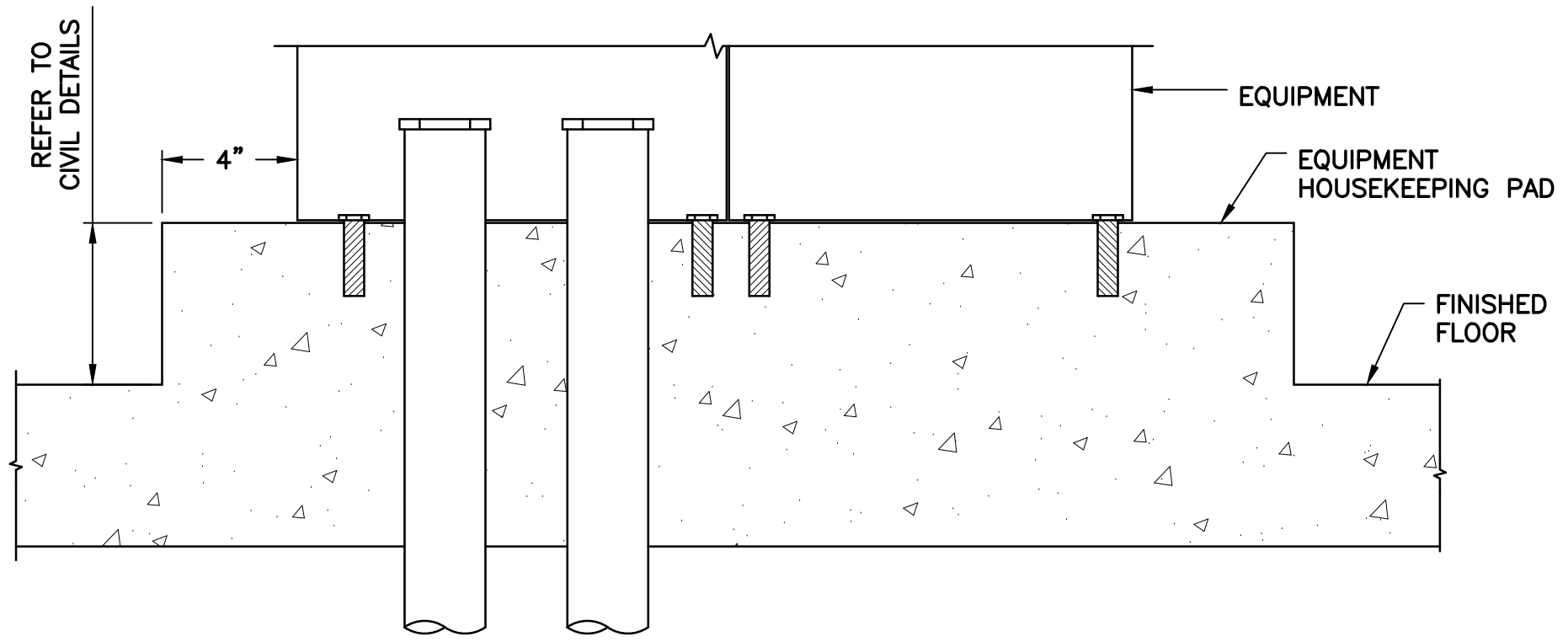
**2**  
TYP. TYPICAL TERMINAL CABINET  
N.T.S.



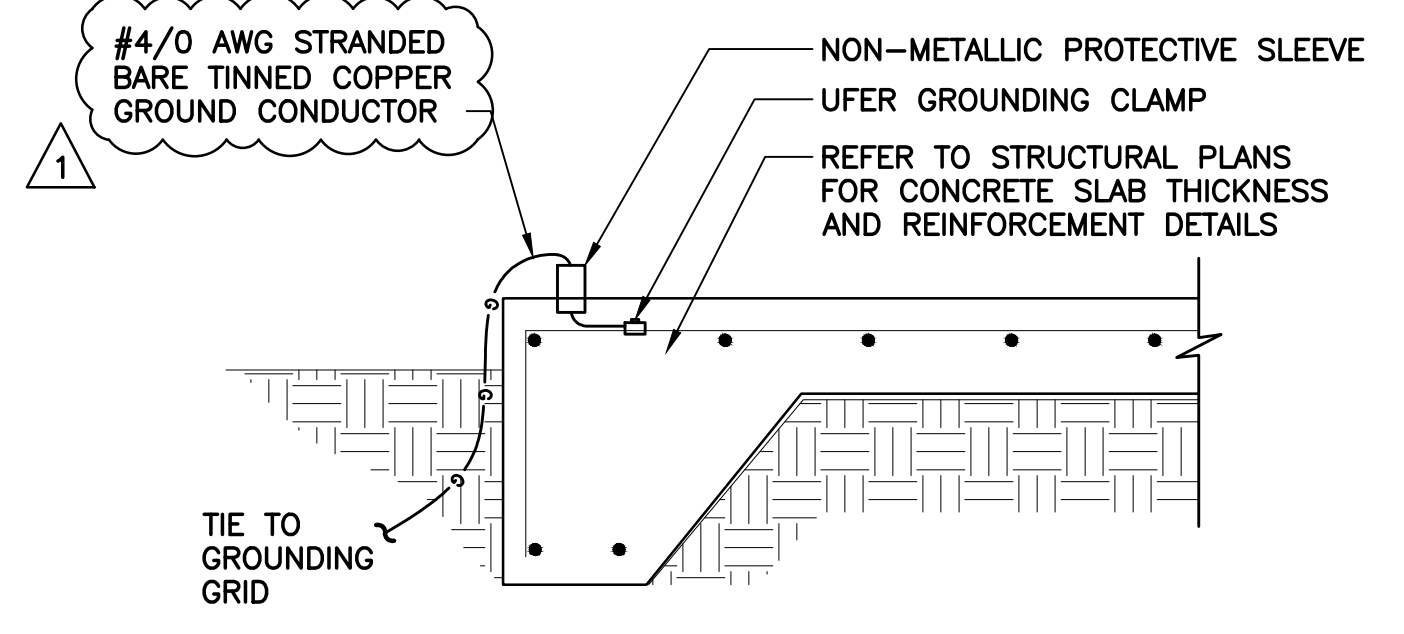
**3**  
TYP. CONDUIT STUB MONUMENT DETAILS  
N.T.S.



**4**  
TYP. TYPICAL CONDUIT THRU SLAB  
N.T.S.



**5**  
TYP. EQUIPMENT HOUSEKEEPING PAD DETAIL  
N.T.S.



**6**  
TYP. CONCRETE SLAB GROUNDING DETAIL  
N.T.S.

**NOTES:**  
1 REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.

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Florida P.E. No. 70851

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**BID SET**

Acad Version : R24.2s (LMS Tech) User Name : BMeeks Date/Time : Tue, 12 Sep 2023 - 8:46am Layout Tab: Model Path Name : C:\Users\BMeeks\Documents\ACTIVE PROJECTS\Baxter Woodman\PROJECTS\Booster Station\02-Draft\ PDR - Result\Draws\VR\_baxterwoodman\_EDA\_TB.dwg  
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NO.	DATE	ISSUED FOR	APRV'D BY	DESIGNED: D.D.	 1601 Forum Place, Suite 400, West Palm Beach, Florida 33401 Phone: 561-655-6175 • Fax: 561-655-6179 www.baxterwoodman.com EB-31795
1	03/13/26	ADDENDUM NO. 2	DD	DRAWN: R.R.M.	
				CHECKED: W.R.N.	
				APPROVED: D.D.	
				DAMEION DONALDSON, P.E. No. 70851	

VERIFY SCALE  
1" = 1"  
BAR IS ONE INCH ON FULL SIZE (22x34) ORIGINAL DRAWING. ADJUST SCALES AS NECESSARY.

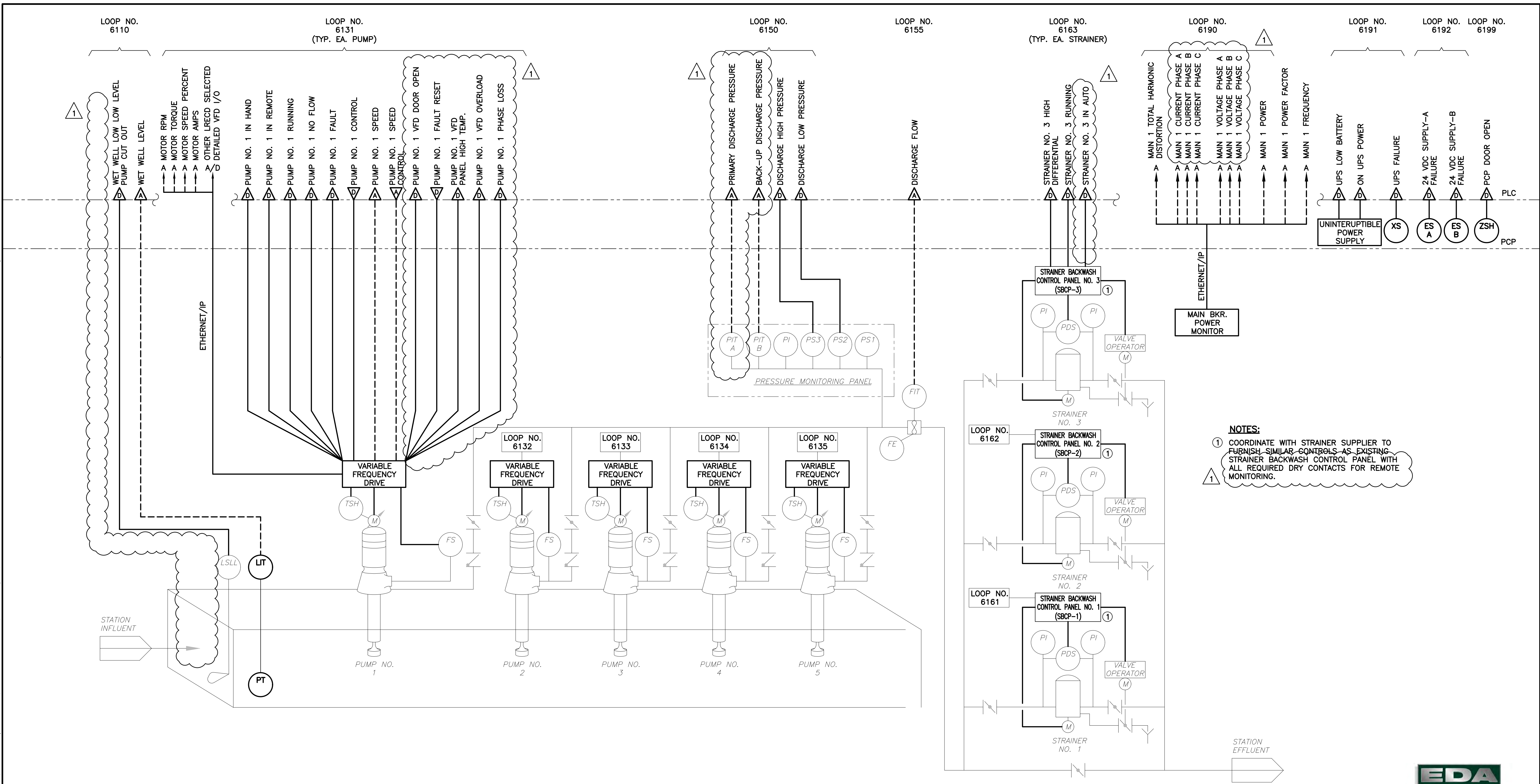
ENGINEER NO.: 2401615  
CLIENT PROJECT NO.: R22009  
CAD REF.: E-17 DETAILS-1

**LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT**  
**IQ 518 PUMP STATION ELECTRICAL AND INSTRUMENTATION & CONTROL IMPROVEMENTS**

ELECTRICAL DETAILS - 1

DATE: JANUARY 2026
SHEET: 26 of 32
DRAWING: E-17

Date: Tue, 12 Sep 2023 8:46am  
 User: R24.2s (LMS Tech)  
 Path: C:\Users\Bkwoods\Documents\Projects\Baxter Woodman\LRCD\0118\_Booster Station\02\_Draft\_PDR\_Results\Drawings\VR\_baxterwoodman\_EDA\_TB.dwg  
 Acad Version: R24.2s (LMS Tech)  
 User Name: Bkwoods



**NOTES:**  
 ① COORDINATE WITH STRAINER SUPPLIER TO FURNISH SIMILAR CONTROLS AS EXISTING STRAINER BACKWASH CONTROL PANEL WITH ALL REQUIRED DRY CONTACTS FOR REMOTE MONITORING.

**PUMP STATION PROCESS & INSTRUMENTATION DIAGRAM**

SCALE: N.T.S.

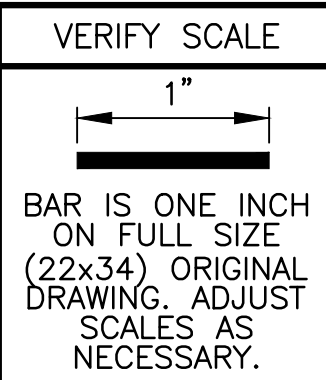
**EDA**  
 Electrical Design Associates  
 7284 W. Palmetto Park Road, SUITE 302-S  
 Boca Raton, Florida 33433  
 PHONE: (561) 819-5556  
 FAX: (561) 819-5557  
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 Florida P.E. No. 70851

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NO.	DATE	ISSUED FOR	APRV'D BY
①	03/13/26	ADDENDUM NO. 2	DD

DESIGNED: D.D.  
 DRAWN: R.R.M.  
 CHECKED: W.R.N.  
 APPROVED: D.D.  
 DAMEION DONALDSON, P.E.  
 No. 70851

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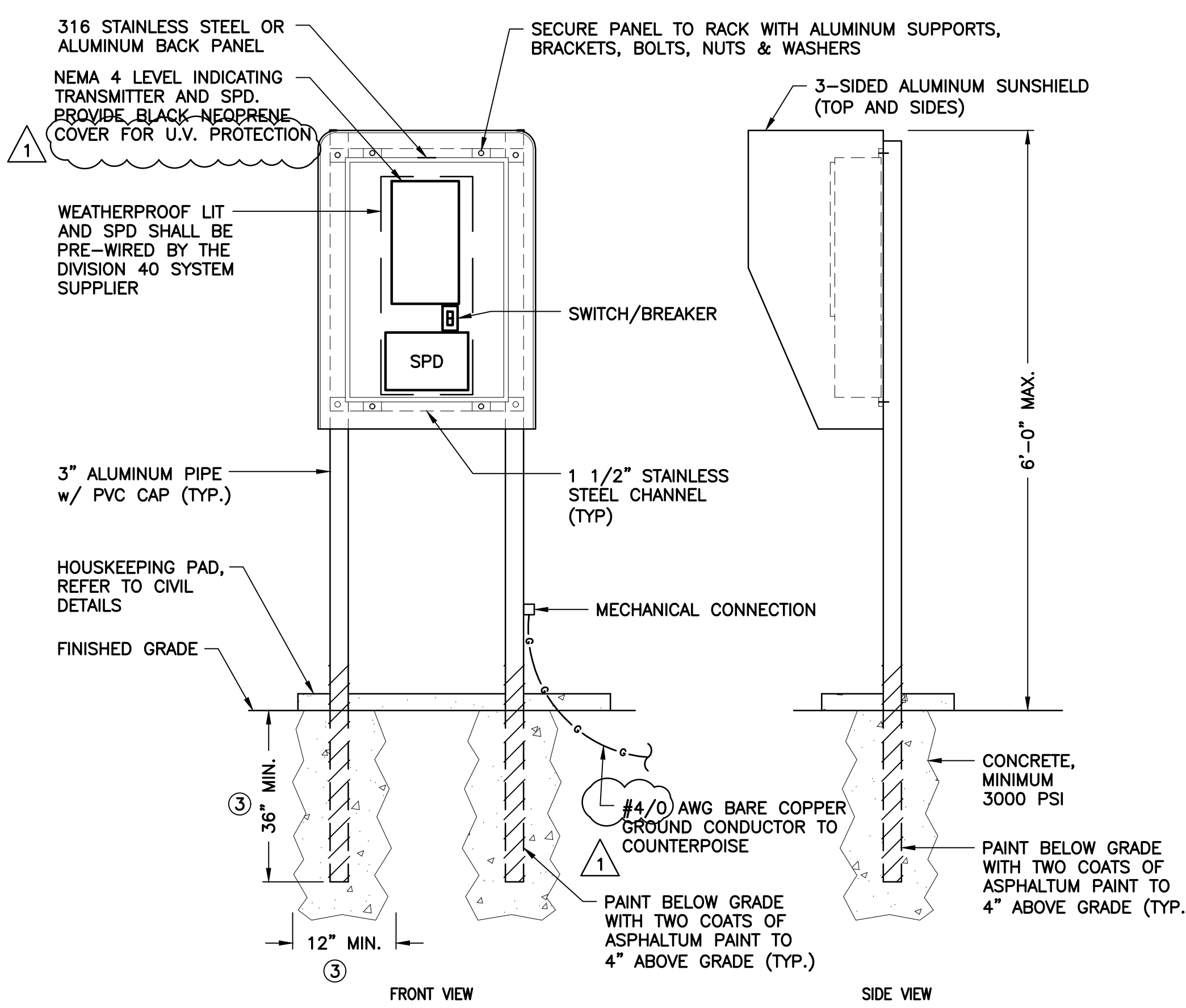
ENGINEER NO.: 2401615  
 CLIENT PROJECT NO.: R22009  
 CAD REF.: I-02 PID

**LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT**  
**IQ 518 PUMP STATION ELECTRICAL AND INSTRUMENTATION & CONTROL IMPROVEMENTS**  
 PUMP STATION PROCESS & INSTRUMENTATION DIAGRAM

DATE: JANUARY 2026  
 SHEET: 30 of 32  
 DRAWING: I-02

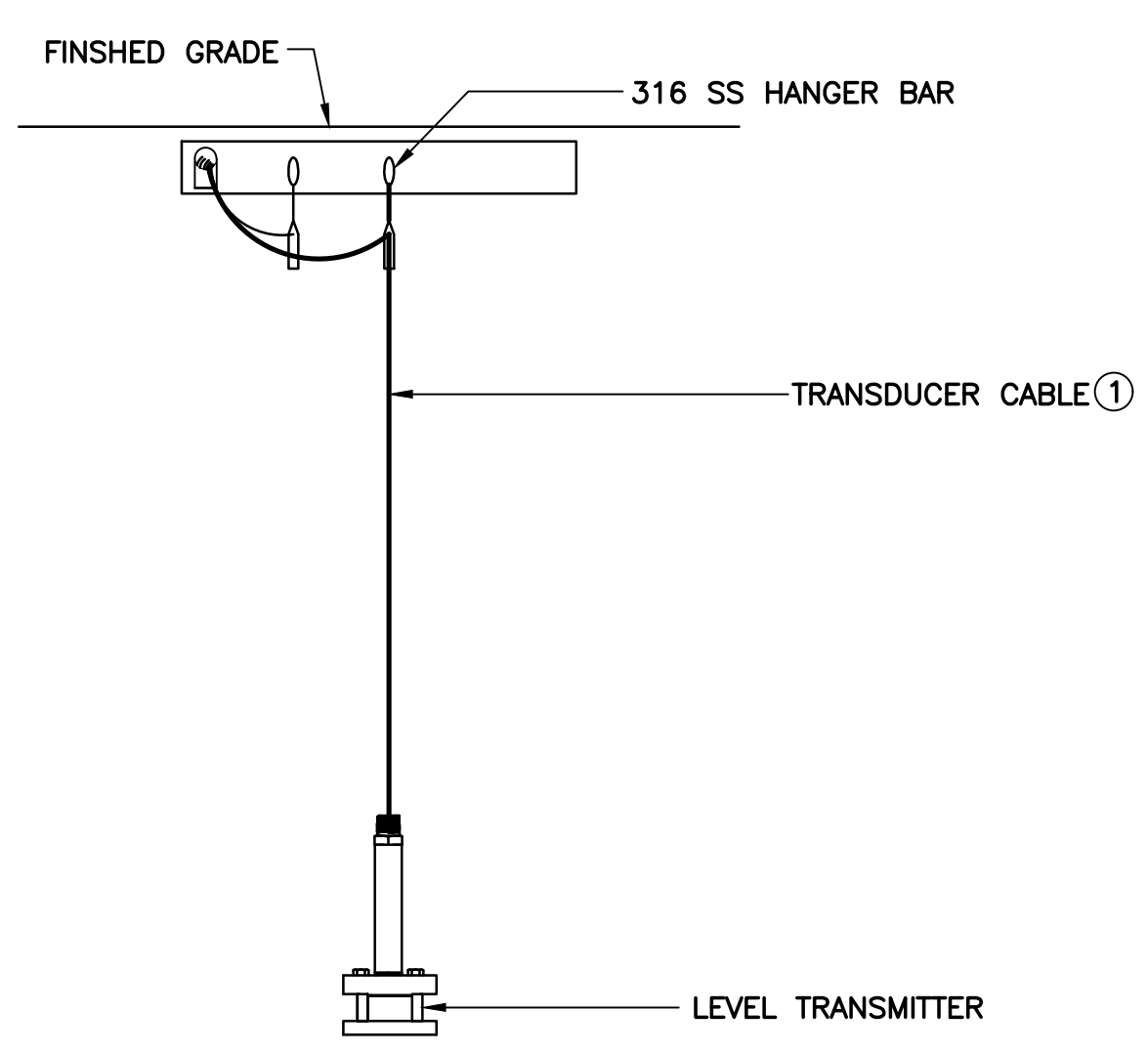
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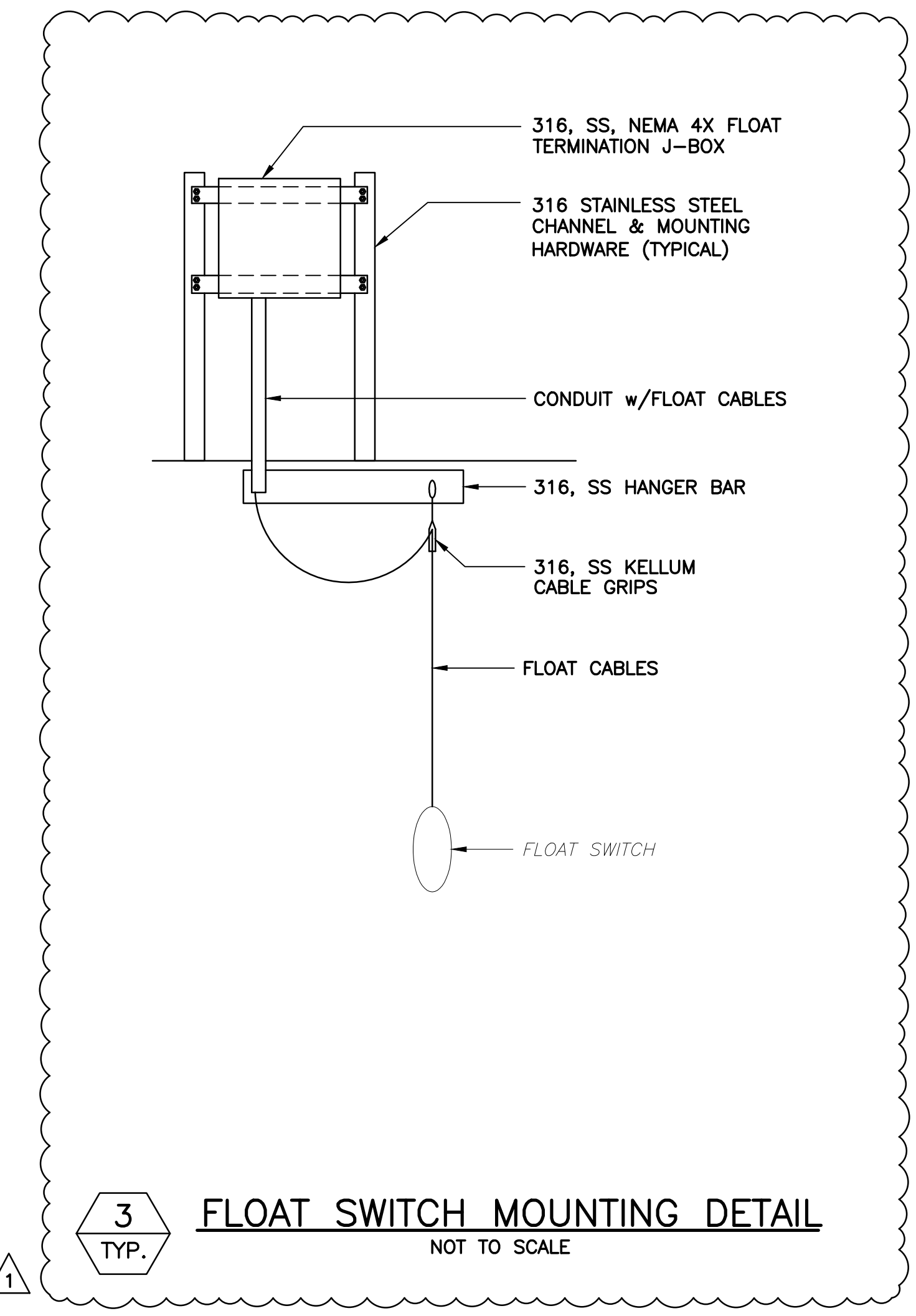
**1**  
 TYP. **LEVEL TRANSMITTER MOUNTING DETAIL**  
 SCALE: N.T.S.

- NOTES:**
- ALL EXPOSED EDGES TO BE GROUND SMOOTH AND BURR FREE.
  - CONTRACTOR TO PROVIDE STRUCTURAL AND FOOTING DETAILED DRAWINGS AND WIND LOAD CALCULATIONS SIGNED AND SEALED BY A LICENSED STRUCTURAL ENGINEER IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.
  - DEPTH AND WIDTH AS REQUIRED TO MEET STRUCTURAL CALCULATIONS.
  - ALL HARDWARE SHALL BE STAINLESS STEEL UNLESS OTHERWISE NOTED.



**2**  
 TYP. **LEVEL TRANSDUCER MOUNTING DETAIL**  
 N.T.S.

- NOTES:**
- ALL CABLES IN WETWELL SHALL BE PROTECTED WITH 316 SS KELLUM GRIP, SINGLE WEAVE HUBBLE 0240 SERIES.



**3**  
 TYP. **FLOAT SWITCH MOUNTING DETAIL**  
 NOT TO SCALE

NO.	DATE	ISSUED FOR	APRV'D BY	DESIGNED:	D.D.
1	03/13/26	ADDENDUM NO. 2	DD	DRAWN:	R.R.M.
				CHECKED:	W.R.N.
				APPROVED:	D.D.
				DAMEION DONALDSON, P.E. No. 70851	

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VERIFY SCALE  
  
 BAR IS ONE INCH ON FULL SIZE (22x34) ORIGINAL DRAWING. ADJUST SCALES AS NECESSARY.

ENGINEER NO.: 2401615  
 CLIENT PROJECT NO.: R22009  
 CAD REF.: I-04 INS DETAILS

**LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT**  
**IQ 518 PUMP STATION ELECTRICAL AND INSTRUMENTATION & CONTROL IMPROVEMENTS**

**INSTRUMENT INSTALLATION DETAILS**

DATE: JANUARY 2026  
 SHEET: 32 of 32  
 DRAWING: I-04

**EDA**  
 Electrical Design Associates  
 7284 W. Palmetto Park Road, SUITE 302-S  
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