



April 25, 2024

ADDENDUM 1

TO PROSPECTIVE PROPOSERS UNDER RFP NO. 734-24-01, “SOBRANTE WATER TREATMENT PLANT STANDBY GENERATOR DIESEL TANK INSTALLATION”

Notice is hereby given that RFP NO. 734-24-01 of the East Bay Municipal Utility District has been revised as follows:

- A. On the Table of Contents of the main RFP, replace the Table of Contents page with the attached sheet to add “EXHIBIT G – DECLARATIONS OF ELIGIBILITY AND NONCOLLUSION”
 - i. After EXHIBIT F – SPECIFICATIONS, add the attached coversheet and forms:
 - 1. Coversheet - “EXHIBIT G – DECLARATIONS OF ELIGIBILITY AND NONCOLLUSION”
 - 2. “E-102 DECLARATION OF ELIGIBILITY TO WORK ON PUBLIC WORKS PROJECTS”
 - 3. “E-105 DECLARATION OF NONCOLLUSION”
- B. On Exhibit E – Drawings, replace page E-3 with the attached sheet
 - i. Add attached page D-02, E-05
 - ii. Add attached “ABOVEGROUND DIESEL STORAGE TANK”, and attached “DAY TANK” drawings.
- C. On Exhibit F – Specifications, replace page 2 of 00 01 10 - Table of Contents with the attached sheet to add Division 27 – Communications and Specification 27 60 13 Exterior Antenna Systems.
 - i. After Specification 26 05 53 – Identification for Electrical Systems, add attached Specification 27 60 13 Exterior Antenna Systems

ACKNOWLEDGMENT OF RECEIPT OF THIS ADDENDUM SHALL BE INDICATED BY INSERTING THE ADDENDUM NUMBER AND ITS DATE ON THE FORM LABELED “PROPOSER INFORMATION AND ACCEPTANCE” IN EXHIBIT A.

SIGNATURE

Christian Narvaez

CONTACT PERSON

Christian Narvaez

TITLE

Associate Mechanical Engineer

Initials *CN* RFP NO. 734-24-01

EAST BAY MUNICIPAL UTILITY DISTRICT

RFP for

Sobrante Water Treatment Plant Standby Generator

Diesel Tank Installation

RFP No. 734-24-01

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 - B. SUBMITTAL OF RFP RESPONSE
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ATTACHMENTS

- EXHIBIT A – RFP RESPONSE PACKET
- EXHIBIT B – INSURANCE REQUIREMENTS
- EXHIBIT C – GENERAL REQUIREMENTS
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- EXHIBIT G – DECLARATIONS OF ELIGIBILITY AND NONCOLLUSION

**EXHIBIT G – DECLARATIONS OF ELIGIBILITY AND
NONCOLLUSION**



DECLARATION OF ELIGIBILITY TO WORK ON PUBLIC WORKS PROJECTS

The undersigned hereby certifies under penalty of perjury under the laws of the State of California that in connection with bidding on:

The bidder is eligible to bid on public works projects in the State of California;

The bidder is not barred from bidding on or being awarded a contract for public works pursuant to California Labor Code Sections 1725.5, 1777.1 or 1777.7;

The bidder has obtained from each and every sub-contractor it intends to employ on this project, a statement of eligibility to work on public works projects in the State of California indicating that the subcontractor is not barred from performing work on a public works project pursuant to California Labor Code Sections 1725.5, 1777.1 or 1777.7;

If at any time during the course of performing work for East Bay Municipal Utility District, the contractor (formerly known as the bidder) becomes, or any of its sub-contractors become, ineligible to work on public works projects in the State of California, the contractor will immediately notify East Bay Municipal Utility District of this fact in writing.

Firm: _____

By: _____ Date: _____
(Signature of Bidder)

Title: _____

Signed at: _____ County, State of: _____



DECLARATION OF NONCOLLUSION

The undersigned declares, under penalty of perjury under the laws of the State of California, that the bid submitted to the East Bay Municipal Utility District for

is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

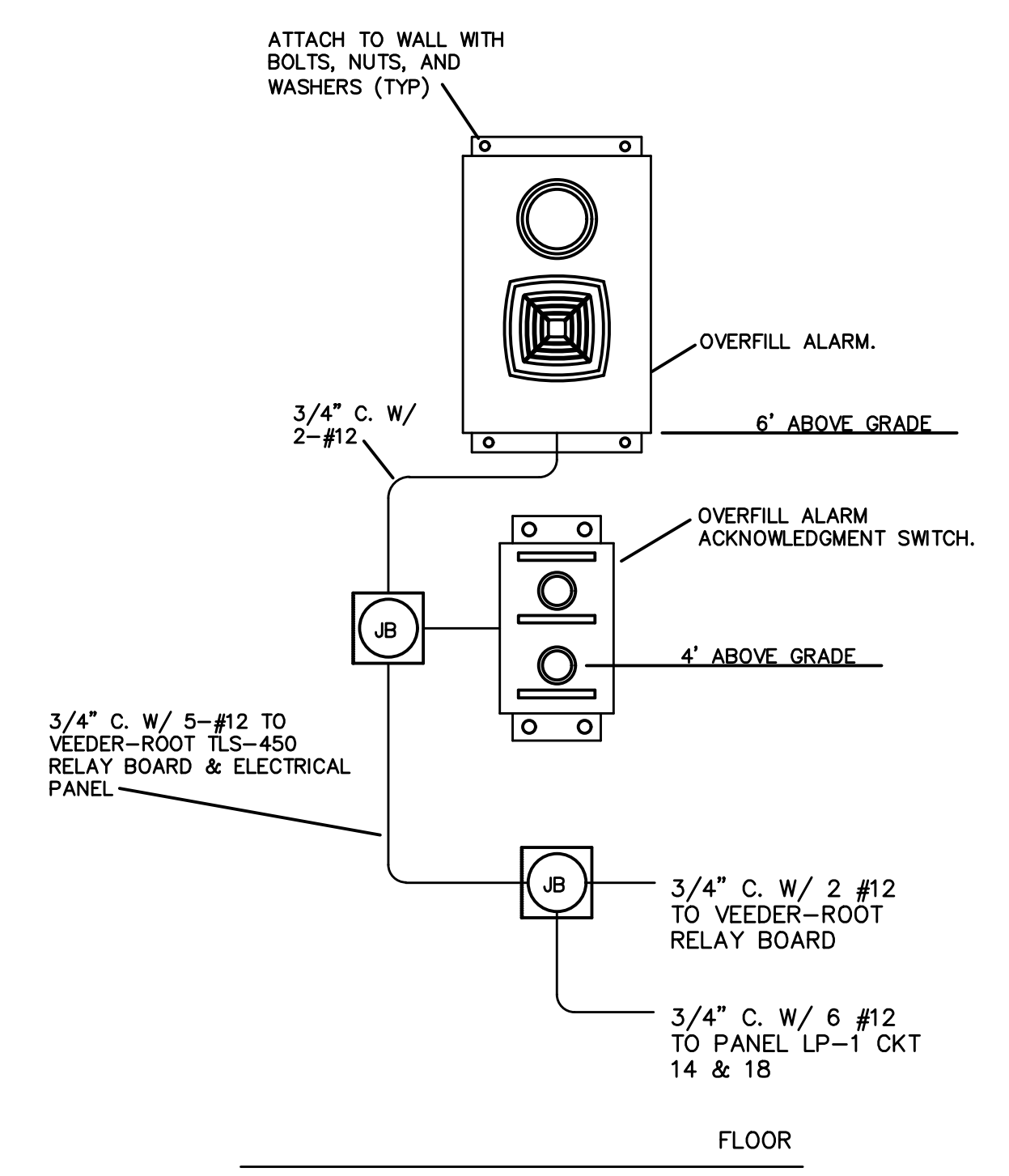
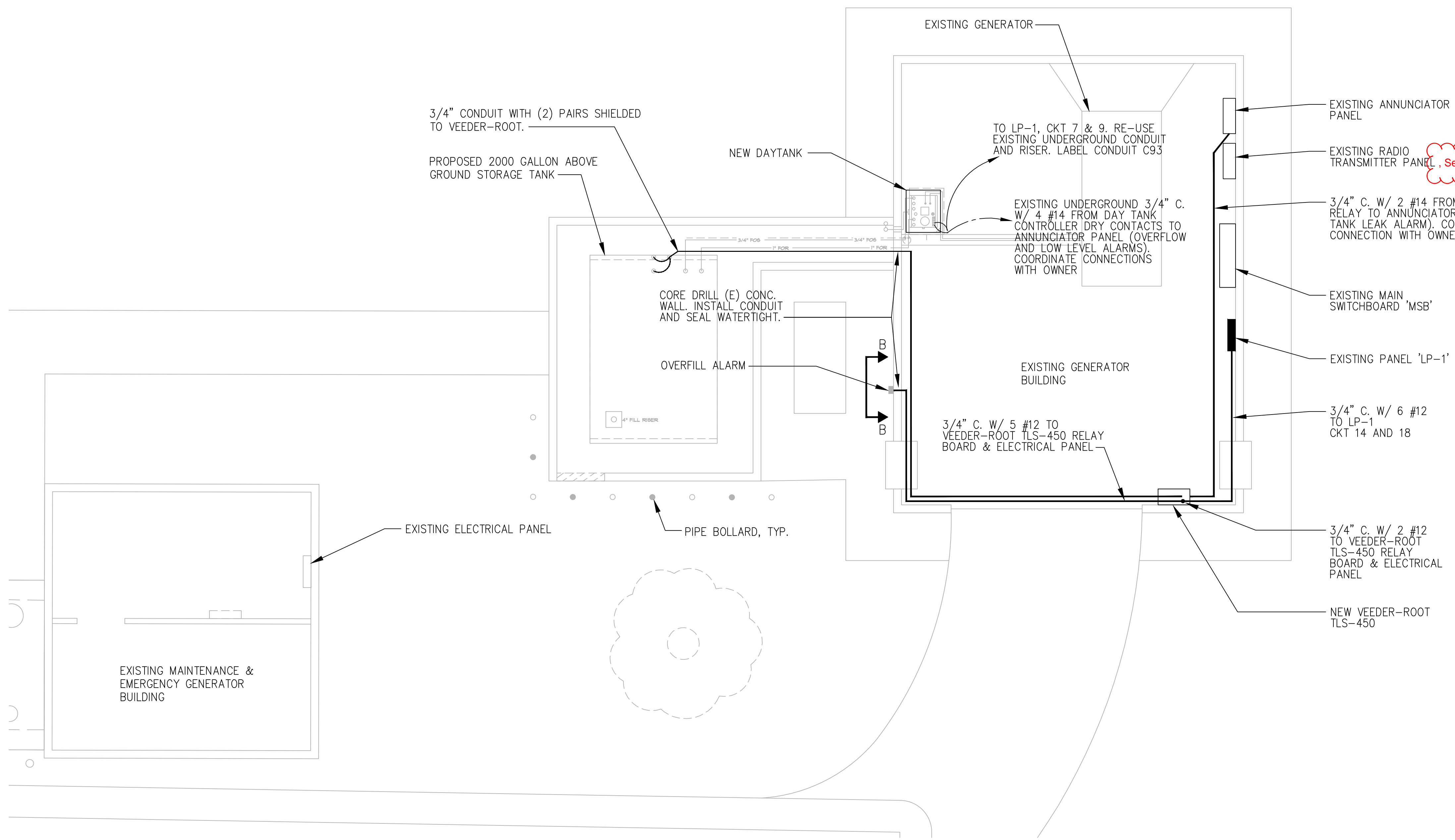
Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

Firm: _____

By: _____ Date: _____
(Signature of Bidder)

Title: _____

Signed at: _____ County, State of: _____



OVER-FILL ALARM ELEVATION B-B
 SCALE: NONE

ELECTRICAL NOTES

1. CONDUIT ROUTING INDICATED ON THE PLANS IS DIAGRAMMATIC. ACTUAL ROUTING OF UNDER GROUND CONDUITS SHALL BE COORDINATED IN THE FIELD TO AVOID INTERFERENCE WITH OTHER UTILITIES AND TRADES.
2. IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO MAINTAIN REQUIRED CLEARANCES BETWEEN UNDER GROUND ELECTRICAL CONDUITS AND FOOTINGS. CONDUIT STUB-UPS SHALL NOT BE INSTALLED IN FOOTINGS, EXACT METHOD FOR STUBBING-UP CONDUITS AT FOOTING LOCATIONS SHALL BE COORDINATED IN THE FIELD WITH THE GENERAL CONTRACTOR AND THE ARCHITECT.
3. ALL CONDUIT / FITTINGS AND WIRING METHODS WITHIN THE WORK AREA SHALL BE IN COMPLIANCE WITH 2022 CEC ARTICLE 514.
4. MAKE REQUIRED CONNECTIONS FROM THE TANK SENSORS TO THE VEEDER-ROOT FUEL MONITORING SYSTEM. ALL WORK SHALL BE IN COMPLIANCE WITH THE VEEDER-ROOT MANUFACTURER'S REPRESENTATIVE REQUIREMENTS. SEE SHEET F-4.
5. COORDINATE CONNECTIONS TO THE FUEL TANK (i.e. GROUNDING, SENSORS, PROBES) WITH THE FUEL TANK SUPPLIER, AND MAKE ALL CONNECTIONS AS REQUIRED FOR A FULLY FUNCTIONAL SYSTEM. SEE SHEET F-4.
6. INTRINSICALLY SAFE WIRING, BETWEEN THE TANK SENSORS/PROBES AND THE VEEDER-ROOT SYSTEM, SHALL COMPLY WITH 2022 C.E.C. ARTICLE 504.
7. REFER TO DRAWING E-1, GENERAL NOTES, FOR ADDITIONAL REQUIREMENTS.
8. NEW CONDUITS TO BE ROUTED ON WALLS AND OVER TOP OF EXISTING PANELS. SUPPORT WITH CONDUIT CLIPS AT 10' O.C. MAX.

POWER & SIGNAL PLAN
 SCALE: 1/4"=1'-0"

A
E-3

REVISIONS		
NO.	DATE	DESCRIPTION
1	1-19-24	REVISED PER CLIENTS COMMENTS
2	1-25-24	REVISED PER CLIENTS COMMENTS
3	3-1-24	REVISED PER CLIENTS COMMENTS
4	4/12/24	ADDENDUM 1

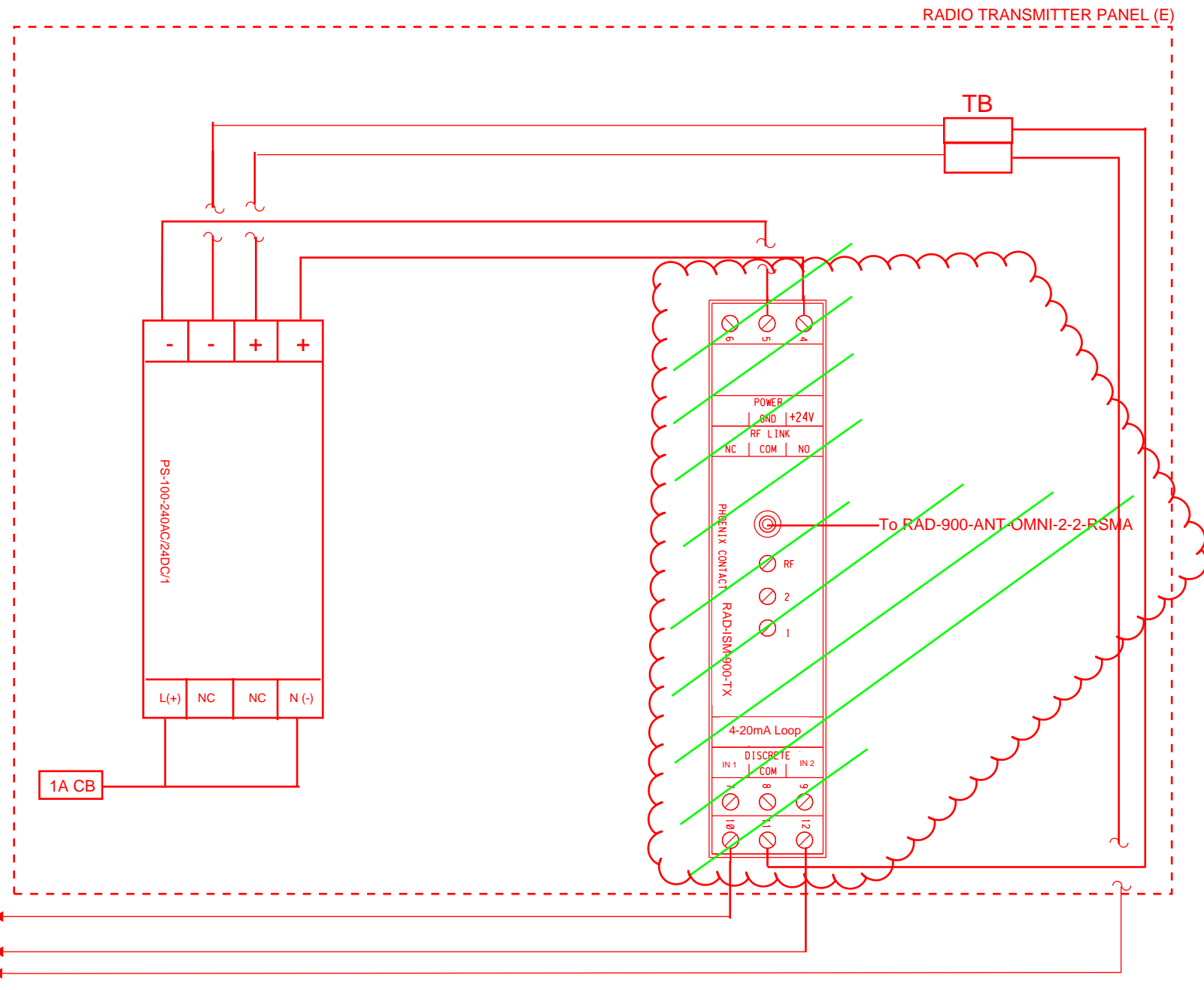
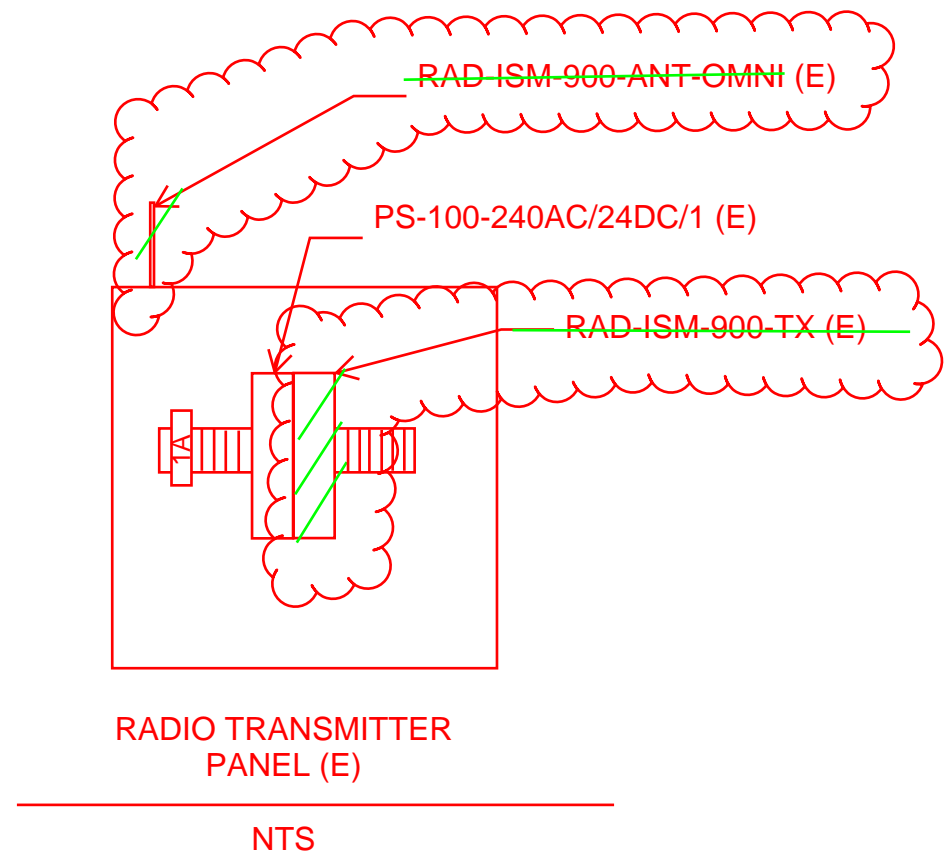
701 N. Parkcenter Dr. Santa Ana, CA 92705 949.480.6622 www.tait.com	154 Angles Oroville Sacramento	Owner Program Dates
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Since 1964	TAIT
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SHEET TITLE	AST ELECTRICAL PLANS
PROJECT ADDRESS	EL SOBRANTE WATER TREATMENT PLANT 5500 AMEND RD EL SOBRANTE, CA 94803

DATE	B-2-22
CHECKED	R. HENRIKSEN
DRAWN BY	C. GILLAND
JOB NUMBER	T5894301
SHEET	10 OF 11
SCALE	E-3
NOTED	

BID SET 3/15/24

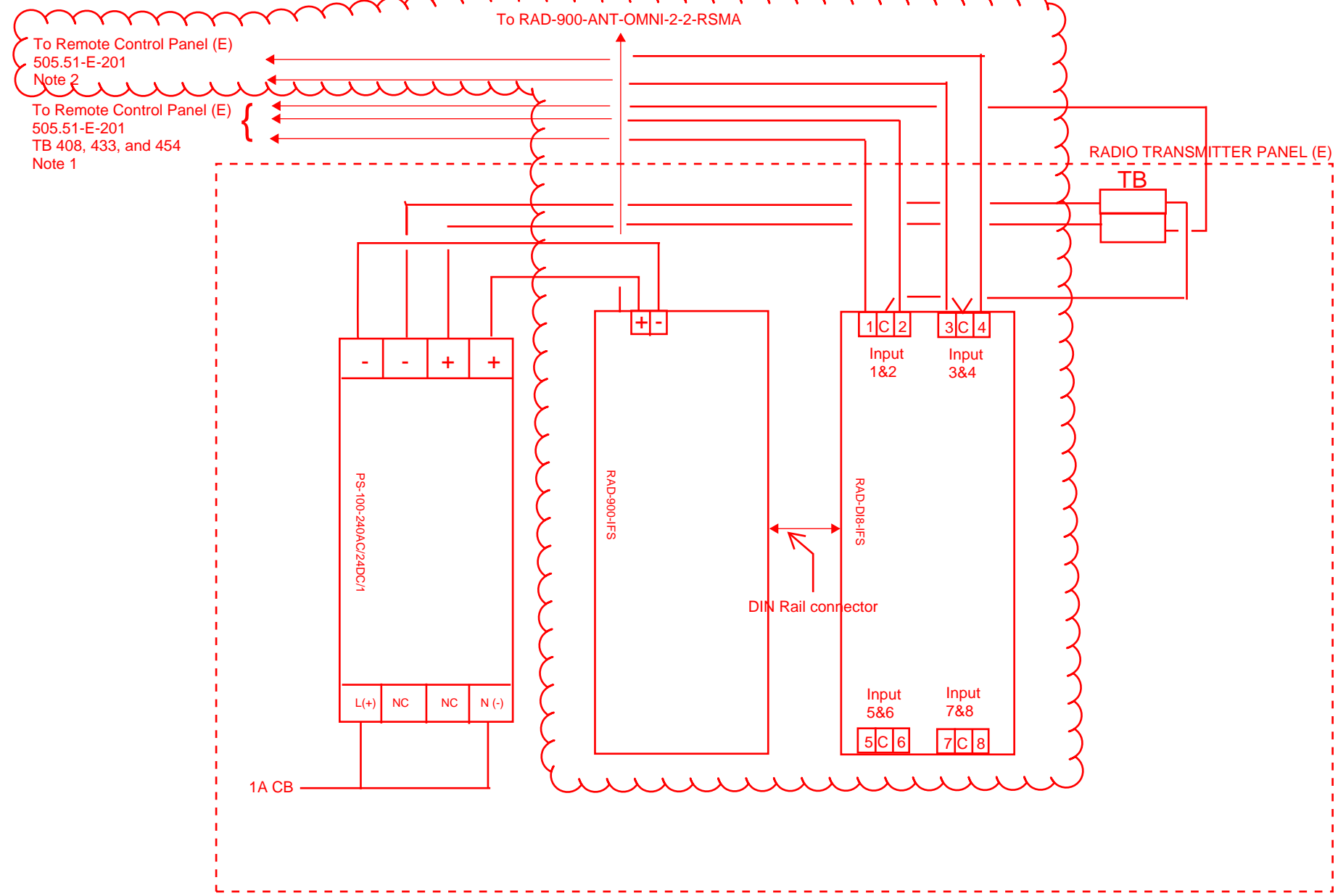
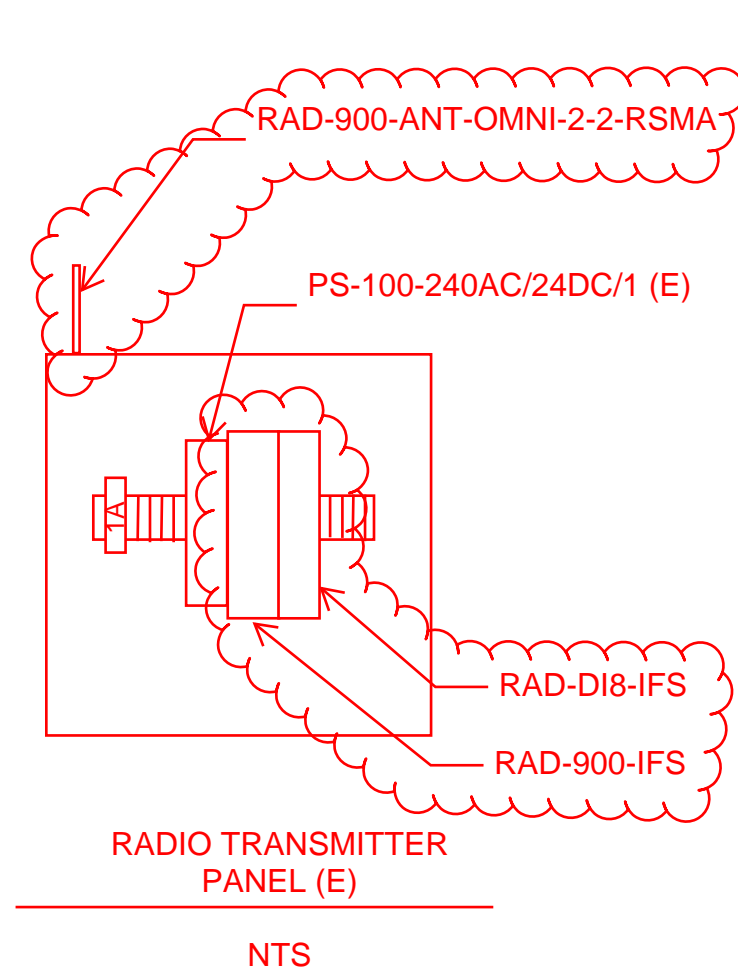


To Remote Control Panel (E)
 505.51-E-201
 TB 408, 433, and 454
 Note 2

Interconnection Diagram Radio Transmitter Schematic (E)

Notes:

1. Provide the District a minimum of one week advance notice prior to the demolition of the existing antenna system.
2. Label existing conductors when demolishing RAD-ISM-900-TX.

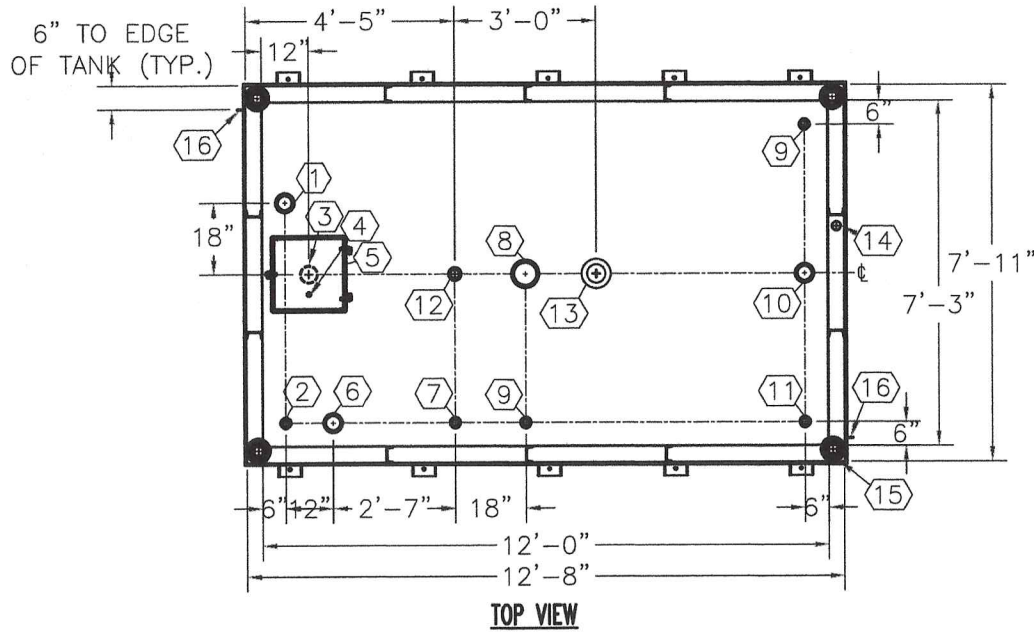


Interconnection Diagram Radio Transmitter Schematic (E)

- Notes:
1. Terminate existing conductors to RAD-900-IFS (N) and RAD-DI8-IFS (N).
 2. Route new conductors to Remote Control Panel and provide minimum 5 ft of slack. Coordinate connections with the District.

NOTE:

OVERALL SHIPPING DIMENSION: 13'-0" L X 8'-6" W X 5'-0" H

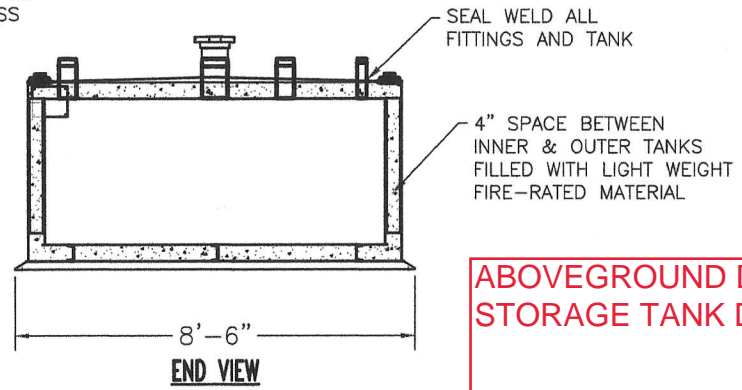
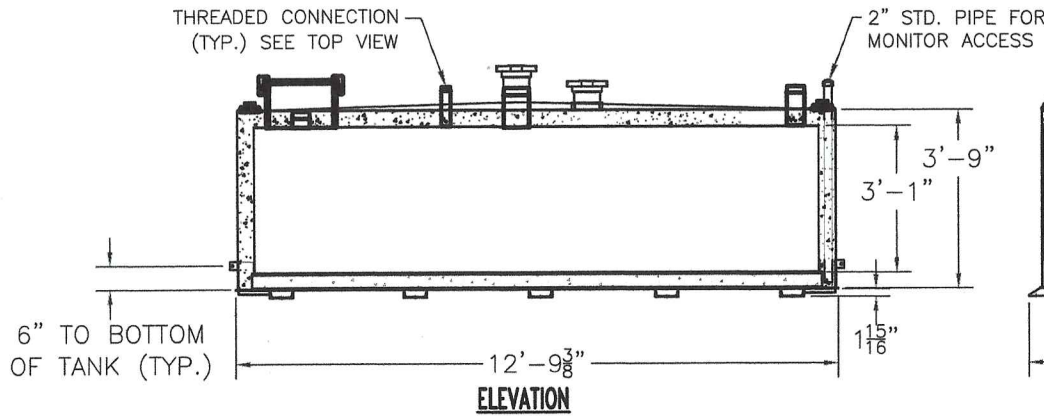


ITEM	SIZE	SUGGESTED FUNCTION	QTY
1	4"	PHASE 1 VAPOR RECOVERY	1
2	2"	MECHANICAL GAUGE	1
3	4"	FILL	1
4	1/2"	DRAIN FOR SPILLBOX	1
5	18"X18"X15"	SPILLBOX, DWG."SBB001"	1
6	4"	ELECTRONIC LEVEL GAUGE	1
7	2"	PRIMARY WORKING VENT	1
8	6"	PRIMARY TANK EMERGENCY VENT	1
9	2"	SPARE	2
10	4"	SUBMERSIBLE PUMP	1
11	2"	SUCTION PUMP	1
12	2"	SECONDARY WORKING VENT	1
13	6"	SECONDARY CONTAINMENT EMERGENCY VENT	1
14	2"	SECONDARY MONITOR PIPE	1
15	4"	FIRE RATED MATERIAL FILL	4
16	2" X 2"	GROUND CLIP, DWG."MCB004"	2

TANK SPECIFICATIONS

VENTING CAPACITY: PRIMARY TANK - 239,000 CUBIC FEET PER HOUR
 SECONDARY TANK - 265,000 CUBIC FEET PER HOUR

MATERIAL: PRIMARY TANK - 3/16" THICK CARBON STEEL
 SECONDARY TANK - 3/16" THICK CARBON STEEL



ABOVEGROUND DIESEL STORAGE TANK DRAWING

SUPPORTS IN ACCORDANCE WITH 2019 CBC

PRODUCT CODE	GALLONS	DESCRIPTION	OVERALL SIZE	SHIP WT.
V4AA102MVC502	2,000	UL 2085 ABOVE GROUND VAULT TANK W/SPILLBOX	12'-8" L X 7'-11" W X 3'-11" H	12,500 LBS.

Fiber Glass Systems



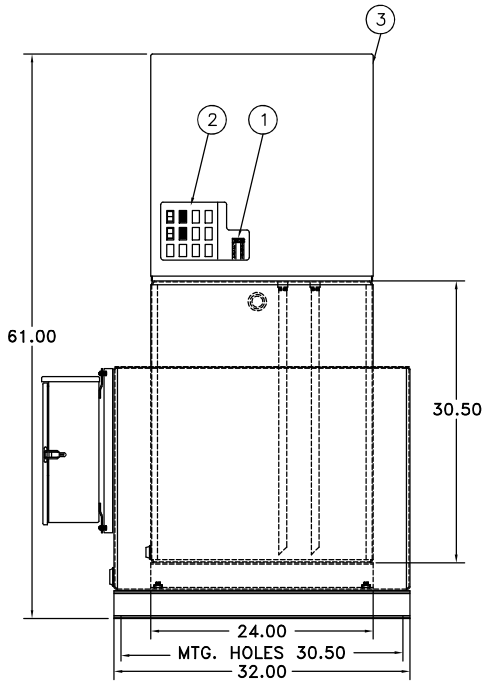
THIS DRAWING AND DESIGN SHOWN HEREIN IS THE PROPERTY OF FIBER GLASS SYSTEM. USE OR COPIES THEREOF CANNOT BE MADE WITHOUT WRITTEN CONSENT.

DRAWN BY: A.R.FULCHER	DATE DRAWN: 12-13-22
DWG NUMBER: 5109569	SCALE: 1:50
REV: A	REV BY: A.C. DATE: 12-22-22 SHEET: 1 OF 1

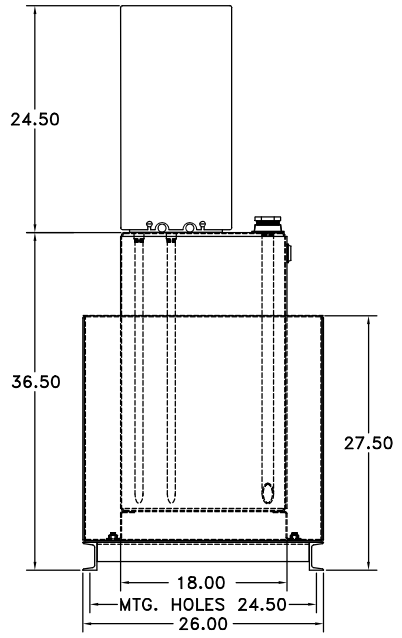
CUSTOMER NAME

APPROVED BY: *Christina Warner*

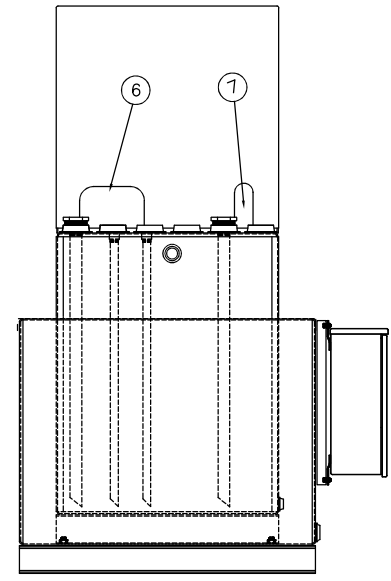
DATE: 12/29/22



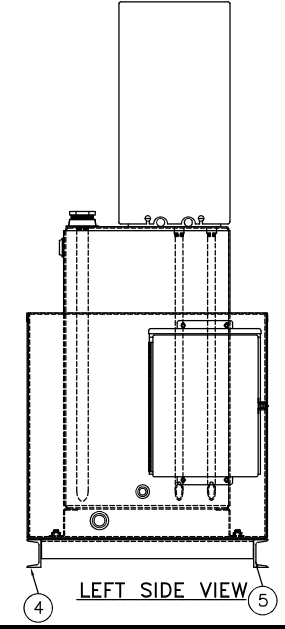
FRONT VIEW



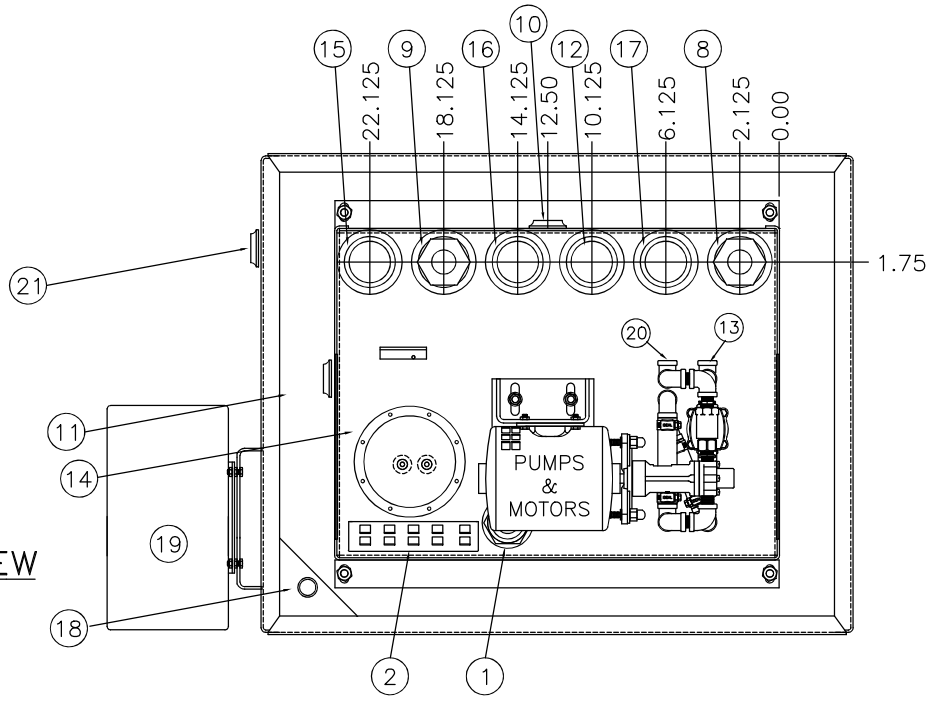
RIGHT SIDE VIEW



REAR VIEW



LEFT SIDE VIEW



PLAN VIEW
(SCALE: 2X)

DESCRIPTION OF FITTINGS	
1	1 1/2" NPT FOR FUEL LEVEL GAUGE
2	CONTROL PANEL
3	REMOVABLE COVER
4	1/2" MOUNTING HOLE TO FLOOR
5	C3 x 4.1# STRUCTURAL CHANNEL LEG
6	FUEL INLET THRU COVER
7	ELECTRICAL INLET THRU COVER
8	2" x 1" NPT ENGINE FUEL SUPPLY W/DROP TUBE
9	2" x 1" NPT ENGINE FUEL RETURN W/DROP TUBE
10	1" NPT OVERFLOW TO MAIN STORAGE TANK
11	1 1/2" NPT DRAIN FOR TANK (PIPED THRU)
12	2" NPT VENT FOR TANK TO ATMOSPHERE
13	1 1/2" NPT FUEL INLET TO SOLENOID VALVE
14	INSPECTION PLATE
15	2" NPT EXTRA FITTING
16	2" NPT U/L EMERGENCY RELIEF VENT FOR TANK
17	2" NPT EXTRA FITTING
18	1 1/2" NPT FOR LEAK DETECTOR SWITCH
19	U/L LISTED ENCLOSURE BOX
20	1" NPT FUEL OUTLET FROM CHECK VALVE
21	1" NPT DRAIN FOR RUPTURE BASIN

CONSTRUCTION NOTES	
ALL TANK & RUPTURE BASIN MATERIAL-12 GAUGE STEEL	

**PY50 U/L LISTED DAY TANK
W/ RUPTURE BASIN**

W/206,210,211,213A,355A,395,399

PRYCO INC.
MECHANISBURG ILLINOIS

DRAWN BY: APP	SEE DRAWING: NONE
CHECKED BY: DJW	SCALE: 1=20
DATE: 6-12-20	DWG. NUMBER: P0050r129

**DAY TANK
DRAWING**

03 60 00 Grouting

DIVISION 04 – MASONRY

DIVISION 05 – METALS

05 05 26 Flange Bolting

DIVISION 09 – FINISHES

09 91 00 Painting (Masterspec not available, check FSCC)

DIVISION 22 – PLUMBING

22 05 53.05 Pipe Identification

DIVISION 26 – ELECTRICAL

26 05 00 Common Work Results for Electrical

26 05 19 Low-Voltage Electrical Power Conductors and Cables

26 05 26 Grounding and Bonding for Electrical Systems

26 05 33 Raceway and Boxes for Electrical Systems

26 05 53 Identification for Electrical Systems

DIVISION 27 – COMMUNICATIONS

27 60 13 Exterior Antenna Systems

DIVISION 33 – UTILITIES

33 12 01 Basic Mechanical Materials and Methods

33 56 13.13 Aboveground Diesel Fuel Storage Tanks and Accessories

APPENDIX A – Forms and Schedules

SECTION 27 60 13

ANTENNA SYSTEM

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes:

1. Work necessary to provide complete antennas systems for use with the generator annunciator panel.

1.2 SUBMITTALS

A. Furnish submittals for approval as outlined below:

1. Product data
2. Warranty
3. Instruction manuals
4. As-built documentation and Operations and Maintenance (O&M) manuals
5. Field test reports

B. The following items shall be delivered to the District within 30 days after Notice to Proceed.

1. (1) spare Omnidirectional Antenna specified in Article 2.2B
2. (1) spare 900 MHz Wireless Transceiver specified in Article 2.3B
3. (1) spare I/O Extension Module, 8 digital outputs specified in Article 2.3C.2
4. (1) spare Programming Cable specified in Article 2.3D

1.3 DELIVERY, STORAGE, AND HANDLING

A. All equipment shall be stored indoors in a clean, dry, conditioned location.

PART 2 - PRODUCTS

2.1 GENERAL

A. Where two or more units of the same equipment are required, provide products of a single manufacturer.

2.2 OMNIDIRECTIONAL ANTENNAS

A. Provide omnidirectional antennas that satisfy the following requirements:

1. Suitable for indoor wall mounting.
2. The mounting hardware shall support vertical polarization.
3. 2 dBi gain with RSMA (male) connection
4. Frequency range: 900 MHz

B. Acceptable manufacturers:

1. Phoenix Contact RAD-900-ANT-OMNI-2-2-RSMA
2. Or equal as approved by the Engineer

2.3 900MHZ WIRELESS TRANSCEIVER

A. Provide wireless transceiver that satisfy the following requirements:

1. 900 MHz wireless transceiver with RS-232/485 interface and RSMA antenna connection
2. Minimum range of 32km
3. Option to connect up to 32 I/O modules via the DIN rail connector
4. 24VDC input, maximum current consumption 328mA
5. Operating temperature range shall be -40 to +70 degrees C

B. Acceptable manufacturers:

1. Phoenix Contact RAD-900-IFS
2. Or equal as approved by the Engineer

C. Expansion Modules

1. 8 Digital Inputs – I/O extension module
 - a. Acceptable manufacturer:
 - 1) Phoenix Contact RAD-DI8-IFS
 - 2) Or equal as approved by the Engineer
2. 8 Digital Outputs – I/O extension module

- a. Acceptable manufacturer:
 - 1) Phoenix Contact RAD-DO8-IFS
 - 2) Or equal as approved by the Engineer

D. Interface cable

- 1. Acceptable manufacturer:
 - a. Phoenix Contact RAD-CABLE-USB
 - b. Or equal as approved by the Engineer

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Mount antennas in accordance with manufacturer's recommendations and as shown on the drawings. Final height of the antennas shall be as shown on drawings.

END OF SECTION