

Addendum 1

Dated: October 8, 2026

CONTRACT DOCUMENTS FOR
Zone 2 Reservoir Electrical Service

Notice is hereby given to prospective bidders that the contract documents for the above project are amended as follows:

Project Drawings

Revised Project Drawings identified as REV 1 dated October 6, 2026 supersede the corresponding drawings previously issued for bidding. Bidders shall base their bids on the revised drawings and the requirements of this Addendum:

Project Drawings – Page E1 – Single Line Diagram

Revised Single Line Diagram. Provide GFCI breakers for each mixer.

Project Drawings – Page E2 – New Reference Notes

- **Meter Pedestal Concrete Pad – See Reference Note 4**

New 100A, 120/240V, 1PH, 3W meter pedestal. Install on 8-inch deep concrete pad. Concrete pad shall be 36-inch wide and 48-inch in front. Provide #5 rebar at 12-inch max O.C. spacing placed 3-inch from edges of concrete, as shown in Reference Note 4.

- **Conduit and Conductors from Meter Pedestal to Reservoir – See Reference Notes 1, 7, and 8**

Provide one 2-inch conduit from the new meter pedestal to the Zone 2 Reservoir. The 2-inch conduit shall contain:

- 2 – #4 THWN conductors;
- 2 – #6 THWN conductors; and
- 2 – #8 grounding conductors.

Provide an additional 2-inch conduit from the new meter pedestal to the Zone 2 Reservoir. Include pull rope in 2-inch conduit.

Both 2-inch conduits shall terminate to a new 12-inch x 12-inch x 4-inch NEMA 3R junction box mounted on the exterior of the reservoir, as shown on the drawings.

- **Conduits and Conductors on Reservoir – See Reference Notes 2 and 10**

From the reservoir junction box, provide separate branch circuits to the two owner-supplied mixers as follows:

Mixer #1: 1-inch EMT containing 2 – #6 THWN conductors and 1 – #8 grounding conductor.

Mixer #2: 1-inch EMT containing 2 – #4 THWN conductors and 1 – #8 grounding conductor.

Secure roof-mounted EMT to the existing roof structure at 5-foot intervals and install conduit supports in accordance with Reference Notes 2, 3, and 10. Route conduit under the roof overhang where indicated.

Project Drawings – Page E3, Detail No. 2 – Typical Roof Mount

Detail No. 2 provides for galvanized channel strut supported by galvanized self-tapping roof screws with rubber washers. The contractor may propose an alternative conduit support system, such as a non-penetrating Dura-Block support system, for District approval prior to installation. Any proposed alternative shall be suitable for the existing roof construction and shall provide adequate support and protection for the conduit in accordance with the Contract Documents and applicable code requirements.

Project Drawings – Page E3, Detail No. 1 – Typical Mixer Penetration

Detail No. 1 provides for 6-inch x 6-inch x 4-inch NEMA 4X junction box to exterior of vent using roof screws with rubber gasket. Contractor to install cable support and strain relief for mixer per manufacturer's requirements. A technical data sheet for the GS-12 (120VAC Single Phase) mixer is provided with this Addendum 1.

Project Drawings – Page E3, Detail No. 9 – Meter Pedestal

The contractor may propose an alternative equivalent meter pedestal for District approval prior to installation.

Note to Bidder: Failure to acknowledge this addendum by number and date, on the Bidder's Proposal, Page BR.6, will render the bid non-responsive and may be cause for its rejection.

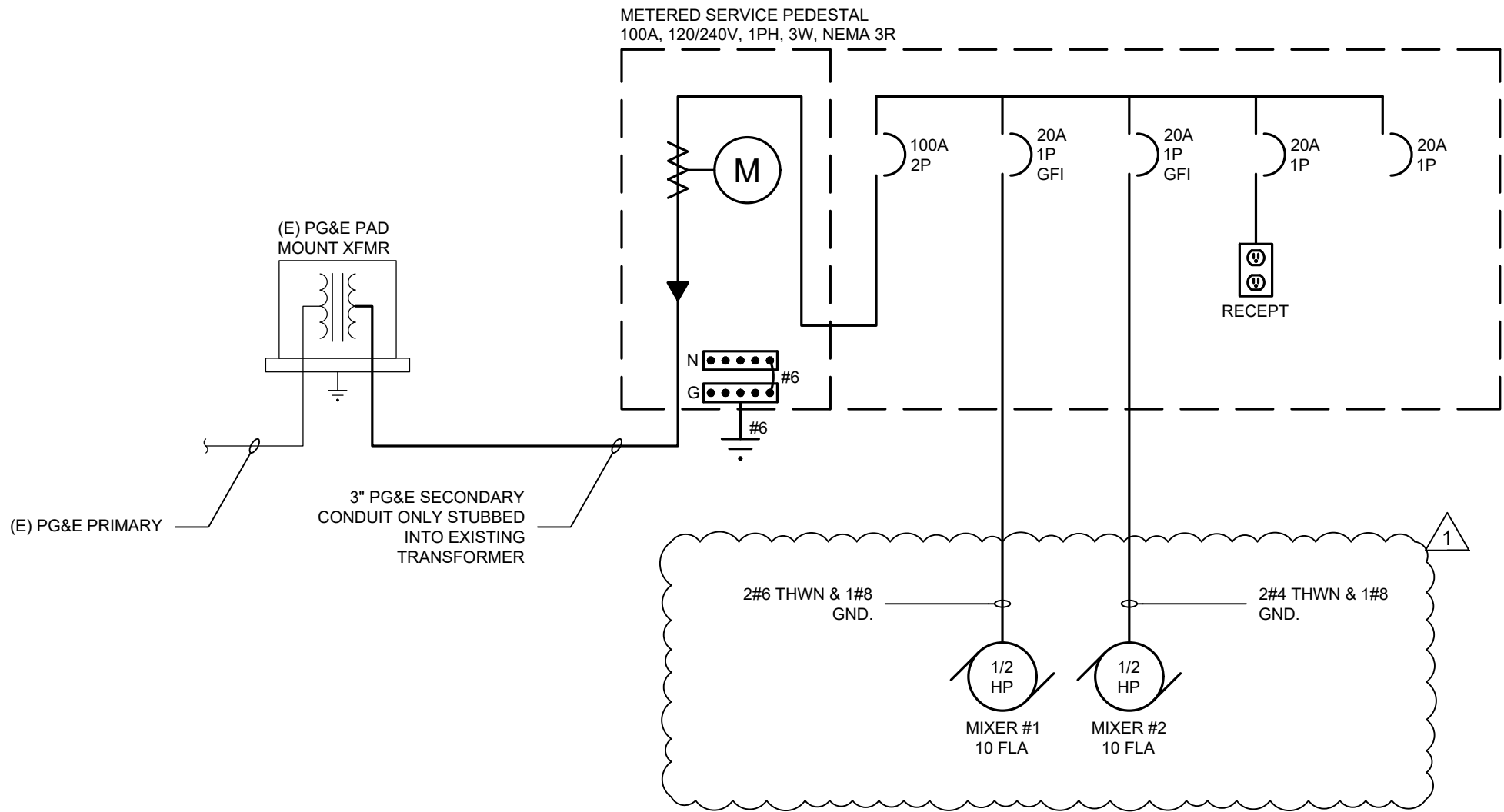
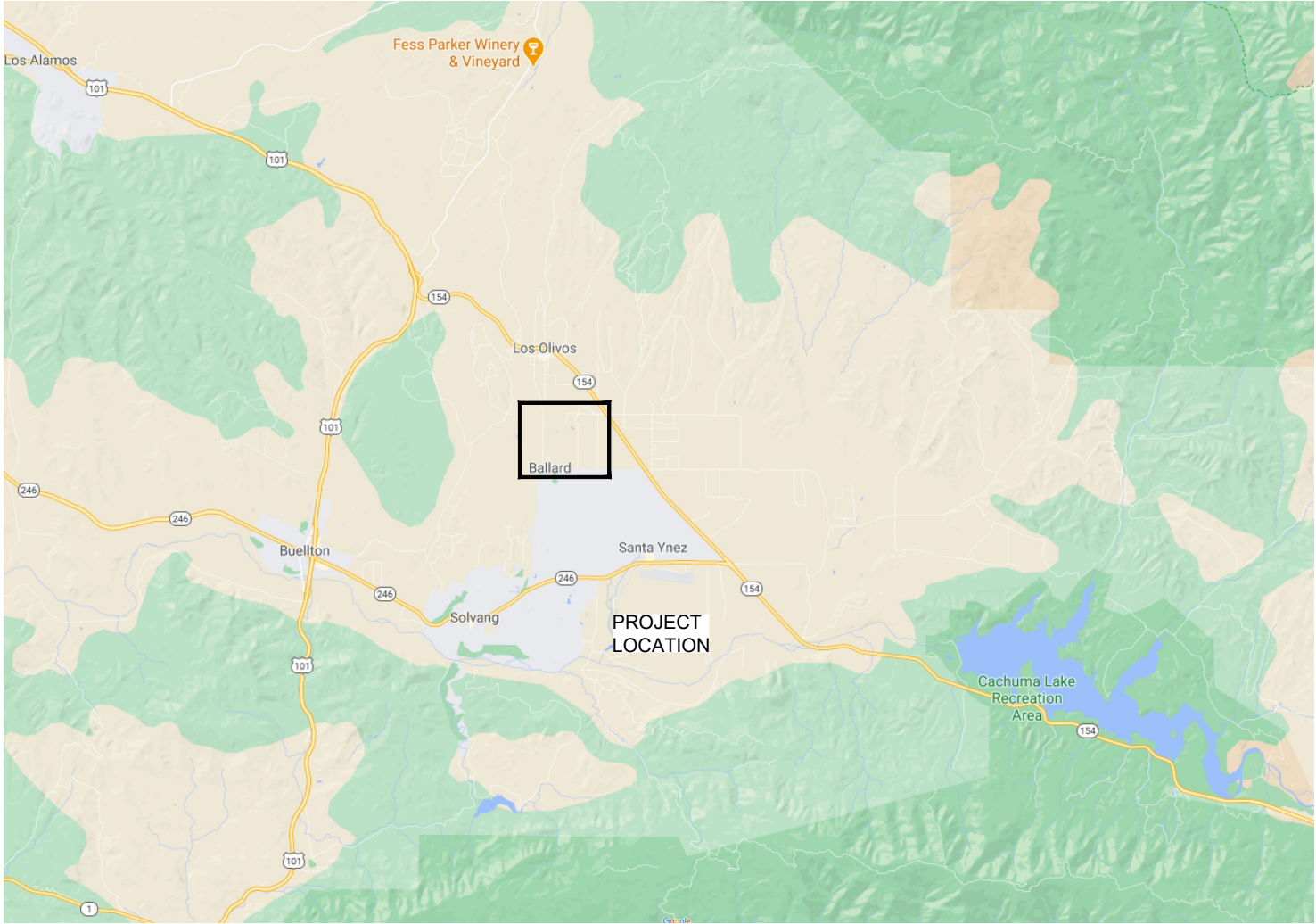
SANTA YNEZ RIVER WATER CONSERVATION DISTRICT
IMPROVEMENT DISTRICT NO. 1
ZONE 2 RESERVOIR ELECTRICAL SERVICE
2201 ALAMO PINTADO ROAD
LOS OLIVOS, CA

SHEET LIST

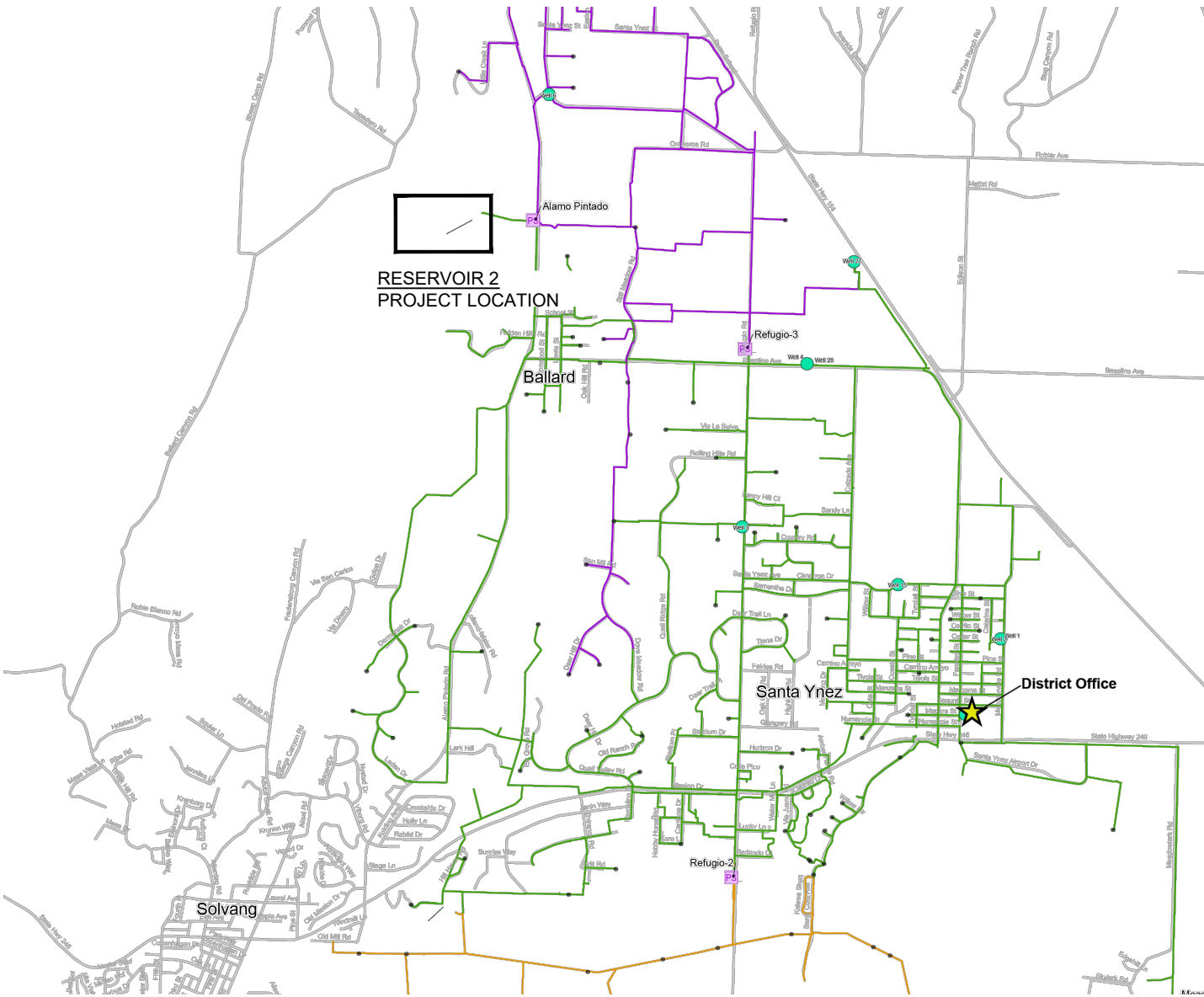
E1 - TITLE SHEET AND SINGLE LINE DIAGRAM
E2 - SITE ELECTRICAL PLAN
E3 - METER PEDESTAL DETAIL

PROJECT DESCRIPTION

- NEW PG&E SERVICE CONDUIT
- NEW METERED PEDESTAL
- NEW FEEDERS TO NEW RESERVOIR MIXERS.



SINGLE LINE DIAGRAM



PROJECT LOCATIONS

BUS RATING: 100A, 120/240V, 1PH, 3W										PANEL MP										PEDESTAL: NEMA 3R									
MAIN: 100A, MAIN CIRCUIT BREAKER										LOCATION: SITE										WITH EQUIPMENT GND BUS									
SPACES: 12 FULL SIZE BOLT-ON CB SPACES										CONNECTED VA																			
A/C RATING: 14-KVA PANEL										PHASE A										PHASE B									
CKT	DIST	LOAD	NOTES	TYPE	CKT	DESCRIPTION	TRIP	POLES	COND SIZE	COND SIZE	POLES	TRIP	DESCRIPTION	CKT	LOAD TYPE	NOTES	DIST (FT)	CKT	%VD										
3.06%	400	2			1	MIXER 1	20	1	6	1120	12	1	20	RECEPTACLE (INSIDE PEDESTAL)	2		1												
2.64%	550	2			3	MIXER 2	20	1	4	1120				SPACE	4														
					5	SPARE	20	1						"	6														
					7	SPACE								"	8														
					9	"								"	10														
					11	"								"	12														
CON: 1300										1120																			
25%: 0										0										LOAD (VA) LOAD TYPE LEGEND									
SUB: 0										0										0 R RECEPTACLE									
TOT: 1300										1120										0 L LIGHTING (125% OF CONNECTED LOAD DEC 215.2)									
AMPS: 11										9										0 M MECHANICAL									
																				0 K KITCHEN APPLIANCE									
																				0 N NON-CONTINUOUS MISC.									
																				0 C CONTINUOUS MISC. (125% OF CONNECTED LOAD DEC 215.2)									

REVISIONS:

REV.	DATE	DESCRIPTION
1	10/8/2026	ADDENDUM #1 - BRANCH CIRCUIT ADJUSTMENTS

STAMP:

REGISTERED PROFESSIONAL ENGINEER
GARRETT D. T. D.
20833
EXP. 9-30-28
ELECTRICAL
STATE OF CALIFORNIA

OTTO ELECTRICAL
OTTO ELECTRICAL, INC.
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805.459.4329

Santa Ynez River Water Conservation District
SANTA YNEZ
Improvement District No. 1

SANTA YNEZ RIVER WATER
CONSERVATION DISTRICT
IMPROVEMENT DISTRICT 1
ZONE 2 RESERVOIR ELECTRICAL SERVICE

SHEET TITLE:

Title Sheet and
Single Line
Diagram

PRINT DATE:

10/8/2026

DRWN BY:

GNO

CHKD BY:

GNO

SCALE:

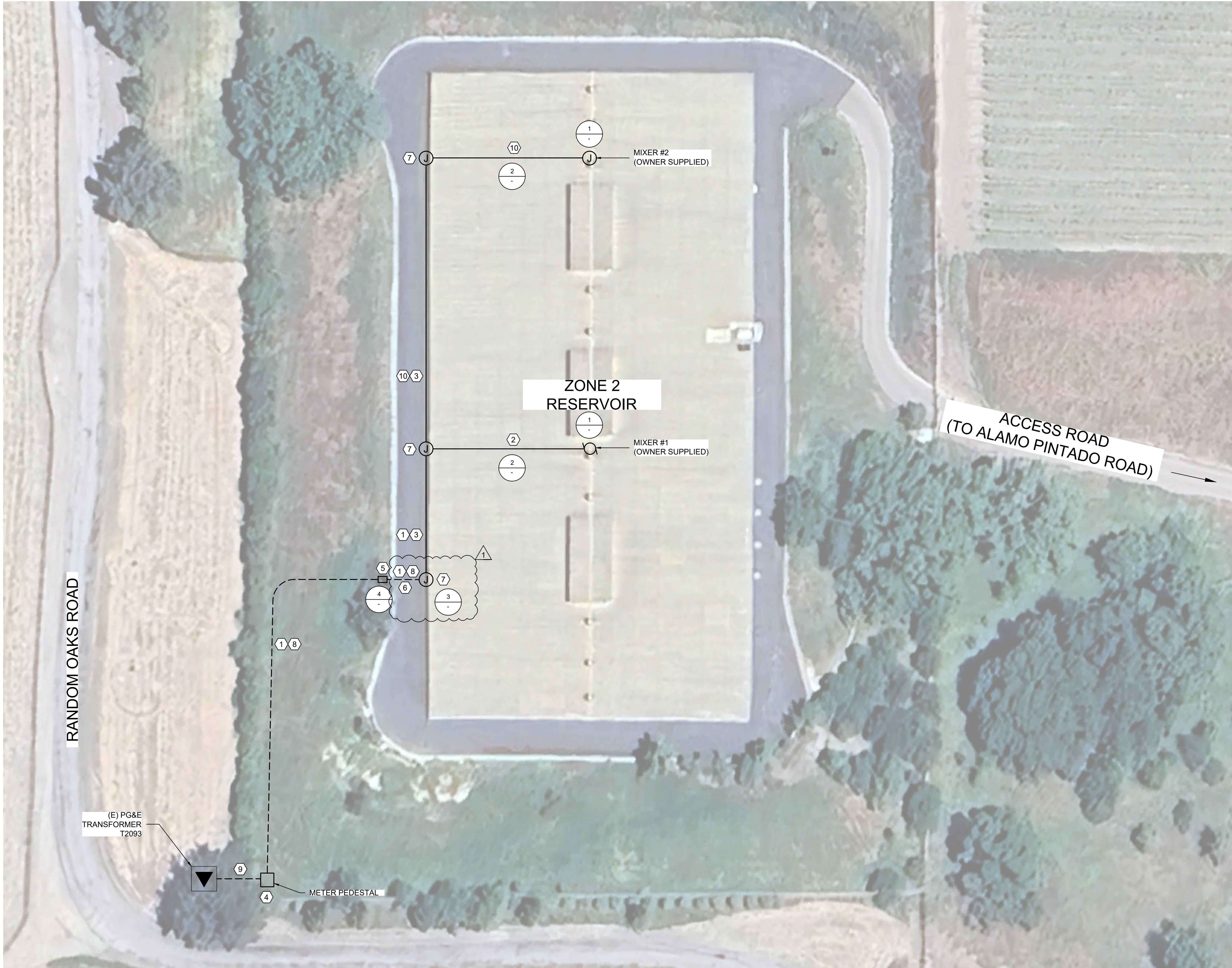
AS NOTED

JOB NO:

25-013

SHEET NO:

E1



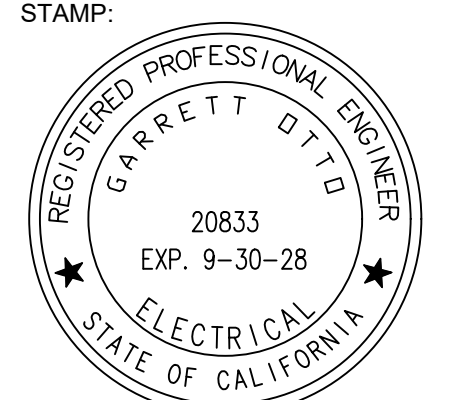
SITE ELECTRICAL PLAN

SCALE: 1"=30'

REFERENCE NOTES

- 2" - 2#4 THWN, 2#6 THWN, & 2#8 GND.
- 1" EMT - 2#6 THWN & 1#8 GND. SECURE TO ROOF EVERY 5FT.
- ROUTE CONDUIT UNDER ROOF OVERHANG. SUPPORT WITH GALVANIZED CONDUIT STRAPS AND HARDWARE AT INTERVALS PER NEC REQUIREMENTS.
- NEW 100A, 120/240V, 1PH, 3W METER PEDESTAL. INSTALL ON 8" DEEP CONCRETE PAD. CONCRETE PAD SHALL BE 36" WIDE AND 48" IN FRONT. PROVIDE #5 REBAR AT 12" MAX O.C. SPACING PLACED 3" FROM EDGES OF CONCRETE.
- 12"x18" AT GRADE CONCRETE PULL BOX.
- TRENCH ACROSS ASPHALT ROADWAY AND REPAIR TO MATCH EXISTING CONDITIONS.
- PROVIDE 12"x12"x4" NEMA 3R JUNCTION BOX MOUNTED TO EXTERIOR OF RESERVOIR. TYP.
- (1) 2" CONDUIT ONLY WITH PULL ROPE.
- 3" CONDUIT ONLY FOR PG&E SECONDARY BETWEEN EXISTING TRANSFORMER AND NEW METERED PEDESTAL.
- 1" EMT - 2#4 THWN & 1#8 GND. SECURE TO ROOF EVERY 5FT.

REVISIONS:		DATE	DESCRIPTION
REV.			
1		10/8/2026	ADDENDUM #1 - BRANCH CIRCUIT ADJUSTMENTS



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**SANTA YNEZ RIVER WATER
CONSERVATION DISTRICT
IMPROVEMENT DISTRICT 1**

ZONE 2 RESERVOIR ELECTRICAL SERVICE

PROJECT:

SHEET TITLE:
**SITE ELECTRICAL
PLAN**

PRINT DATE: 10/8/2026

DRWN BY: GNO

CHKD BY: GNO

SCALE: AS NOTED

JOB NO: 25-013

SHEET NO:

E2

Technical Data Sheet

GS-12

120VAC Single Phase

Technology Description- GridBee® electric submersible water circulation equipment, designed for continuous operation. Constructed with T316 stainless steel shell and safe materials for contact with potable drinking water. Designed to be placed into service through roof hatch without tank entry.

Materials of Construction - T316 stainless steel shell and hardware construction. UHMW-PE end plates for worry-free safe contact with all tank surfaces. See certifications section below.

75 ft (22 m) or 150 ft (44 m) of T316 stainless steel retrieval chain included for machine installation and retrieval without requiring tank entry.

Minimum Access Opening - Machine can be placed through 12 inch (30 cm) diameter opening.

Minimum Water Depth - The mixer requires at least 2 feet (0.6meters) of water above the discharge slots to prevent pump cavitation and motor damage. Shut the mixer off if water surface is less than 2ft from the mixer slots.

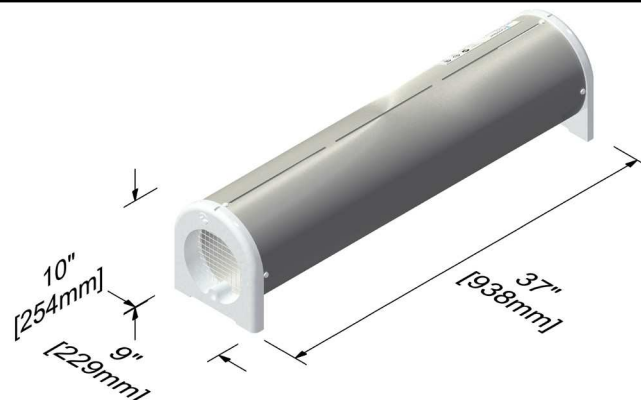


Figure 1: GS-12

Intake - Intake draws water in a horizontal layer within 2 inches (5.08 cm) of the tank or reservoir floor. Chlorine boost connection point on machine via 3/8" NPT female thread for adapting to 1/2" (13mm) hose for fast chlorine dispersion during in-reservoir boosting.

Electrical Requirements - 120VAC motor requires 120VAC/1PH power source outlet (**20 Amp GFCI service is required**). The GS-12 draws approximately 9.8 Amps @ 120VAC / 60Hz. Nominal power consumption of 1120 Watts.

Motor - 1/2 HP stainless steel submersible, designed for continuous operation, low power requirement, direct drive, no gearbox and no lubrication schedule required. Automatic reset, on-winding thermal overload protection and surge arresters built in. Mounted in flow sleeve for superior cooling and long motor life in submerged temperatures up to 122 F. See certifications section below. 120VAC/1PH standard, other voltages available as special order.

Wiring - Includes either 75 ft (22 m) or 150 ft (44m) of 10AWG submersible power cable to terminate within junction box at top of tank. Junction box included.

Sealed Penetration Fitting - T316 stainless steel tank fitting and cord grip included for sealed cord entry through tank roof. Not designed as a submersible penetration.

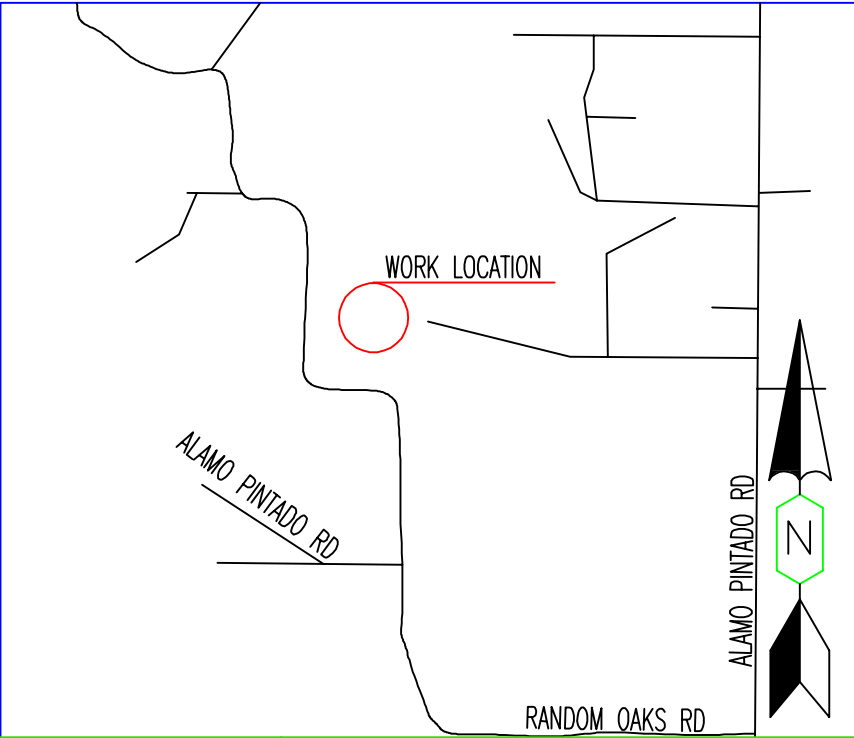
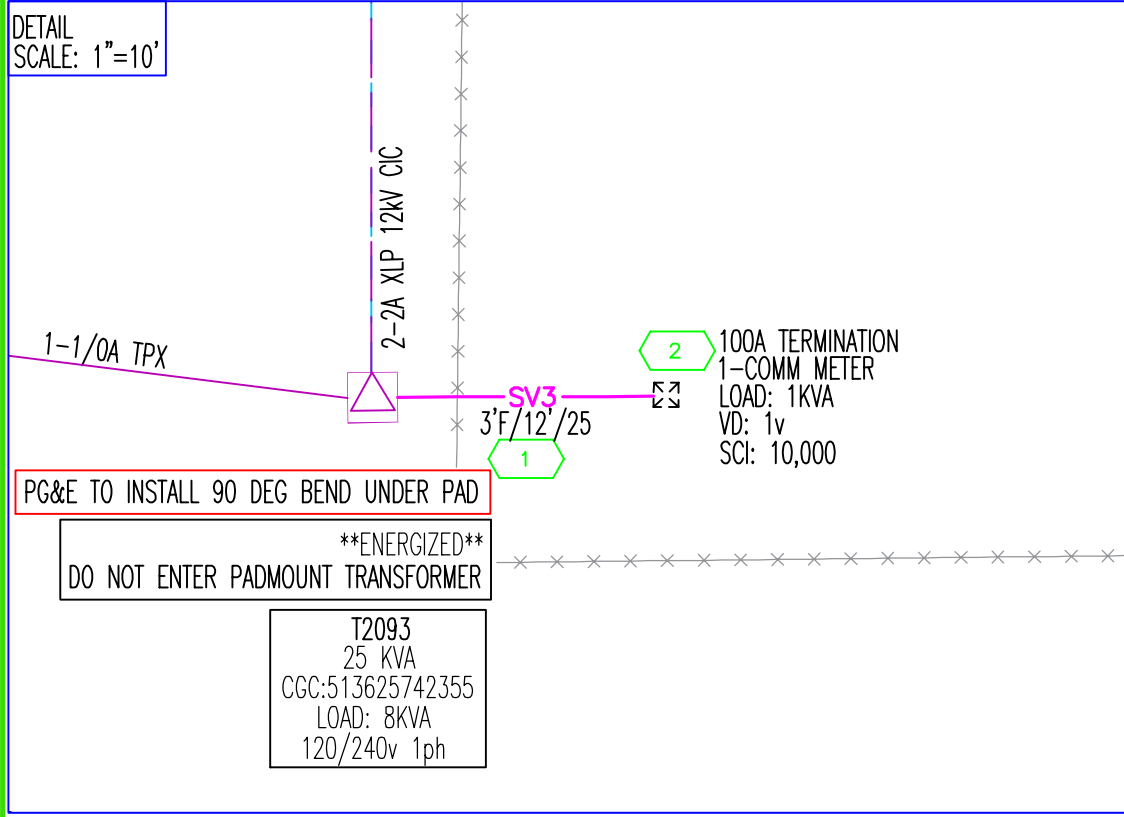
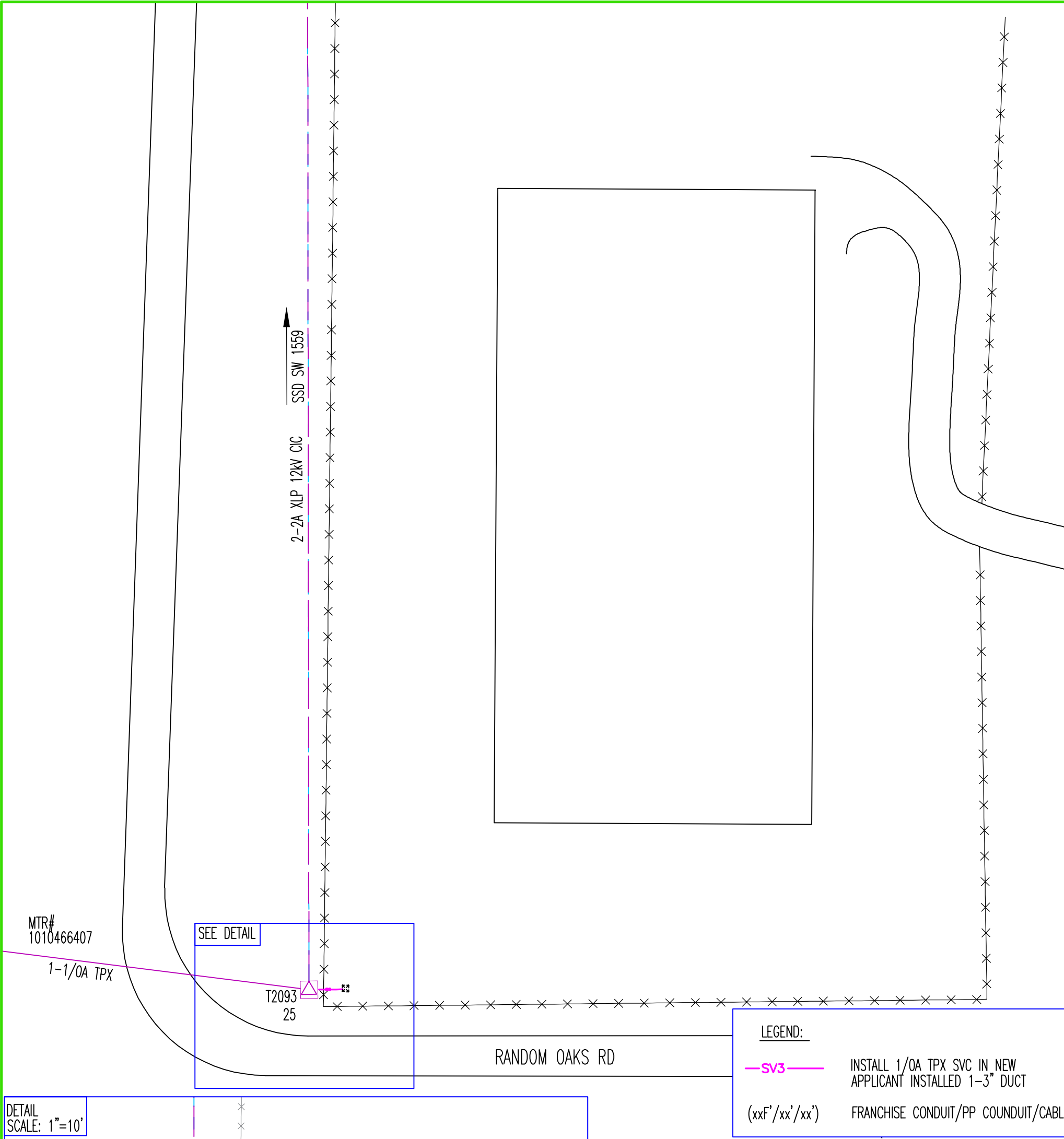
Optional Accessories - (1) Portable Chlorine Boost Hose and Boost Pump System, (2) Dual Injection Kit, (3) Control and SCADA Panel

Shipping Size / Weight

- ☐ **75 ft unit** - Box 1 of 2: 44x16x12 in. / 88 lbs, Box 2: of 2: 17x13x8 in. / 25 lbs: Total shipment weight: 123 lbs
- ☐ **150 ft unit** - Box 1 of 2: 44x16x12 in. / 127 lbs, Box 2: of 2: 17x13x8 in. / 41 lbs: Total shipment weight: 168 lbs

Certifications - Ixom's potable water products are certified to NSF/ANSI/CAN 61-G & 372 for lead-free content. Learn more at: www.ixomwatercare.com/std61

Maintenance / Warranty - Limited maintenance. Limited 5-year parts and labor warranty. See Warranty Statement for details.



PRIMARY VOLTAGE: 12 kV	INSULATION DIST:AA	16H- 100A PANEL		EST: MIKE CATANO	805-256-2523
LATITUDE: 34.64513	LONGITUDE: -120.12118			ADE: MIKE SENTEIO	925-375-0017
SOURCE SIDE DEVICE: SW1559		2007 ALAMO PINTADO ROAD		SUPV: DJ ALSPAW	661-221-1523
SUB & CIRCUIT: ZACA-1102				REP: LAURA KIM	805-2951330
DSGN SAG: LIGHT RURAL	RAPTOR ZONE: YES	BALLARD		PLNR: EMIGDIO ISLAS	805-263-3438
LOADING AREA: LIGHT	ARRESTER DIST: 2			NOTIF: 131547832	JPA#:
CORROSION AREA: NON		GAS CONFLICT: IN PROXIMITY		SCALE: 1"=50'	DATE: 10-8-25
EXEMPT EQUIP.INST.: N/A	FIRE AREA: SRA-TIER 1			PM: 35683356	SHEET: 1 OF 1 REV. 0