

Addendum No. 3

On-Site Utilities

Taos Airport

The following responses to questions, and all attachments, shall become a part of the Contract Documents. This addendum contains 3 pages of written text and 2 attachments.

Answers to Questions from Bidders

- 1. Will Sheet C-12, Keyed note #19 states, "new lift station per specifications. Coordinate location with others". After looking into the specifications, I see no reference to the lift station. Also, I assume that this is identified in the bid tabulation as Bid Item #20, which states 2 ea. The only reference to keynote #19 is on sheet C-12 and C-17, which C-17 refers to effluent pump station; these are not the same lift stations are they? If not, can you please let me know where the second lift station is at?*

Bid form has been revised to clarify lift station versus grinder pump (Attachment 1). The effluent pump near the disposal field corresponds to Specification 22 13 00. Sheet C-12 Key Note 19 should state "New Grinder Pump per Specifications" and refers to Specification 22 13 00, which was published with Addendum 2.

- 2. Will Add #2 Q&A references 33 34 00 (attachment 2). 33 30 00 WW and 33 14 00 Water are provided. Could you clarify spec callout in Add #2?*

All three of these specifications were published with Addendum 2 on Cobblestone under the file name "Pckged.Wastewater.grinder.pumping.stations.pdf."

- 3. Bid item #7 CAV in vault 6 – ea: Located 2 on plans. Could you clarify or provide locations?*

Clarification in the bid form was made between the water system ARVs and the sewer line combination air and vacuum release valves (Attachment 1).

- 4. Sheet C-24 has a valve box with arch pattern on the lateral and a gate valve on the riser. Could you clarify which valve box spec is required for the gate valve on the riser?*

The gate valves may use circular plastic valve cans per specification Section 33 34 00 or valve boxes per specification Section 33 30 00.

5. *Q&A #7: Spec 33 30 00 2.7 does not have a vault type provided. Could you clarify?*

The meter shall be installed in the valve vault (see Sheet C-23 Det 1 and 2).

6. *Bid Item #11 1 1/4" HDPE 1582LF: Located 800LF on plans. Could you clarify?*

The estimated quantities of items of unit price work are not guaranteed and are solely for the purpose of comparison of bids and determining an initial contract price. Payments to the contractor for unit price work will be based on actual quantities.

7. *Bid item #12 2" HDPE 5898-LF: Located 7200LF on plans. Could you clarify?*

The estimated quantities of items of unit price work are not guaranteed and are solely for the purpose of comparison of bids and determining an initial contract price. Payments to the contractor for unit price work will be based on actual quantities.

8. *Bid item #13 3" 1932-LF: Located 1500-LF on plans. Could you clarify?*

The estimated quantities of items of unit price work are not guaranteed and are solely for the purpose of comparison of bids and determining an initial contract price. Payments to the contractor for unit price work will be based on actual quantities.

9. *Could you provide a bid item # for the sewer ARV assembly for new detail on sheet C-020 dtl 3?*

See revised bid form (Attachment 1).

10. *Spec 33 30 00 2.5 E conflicts with the detail call out. Could you clarify?*

Detail callout is correct.

11. *Sheet 14 of 33, DWG # C-10, Plan View shows 2 ea. #3 general Notes at the 45 Deg bends; Should this be note #9?*

Yes, this should be key note #9.

Revisions to Contract Documents

The following updated contract documents are provided in Attachment 1:

- Bid Form

Revisions to Design Drawings

The following updated design drawings are provided in Attachment 2:

- E-1 through E-4



Alex Nunez-Thompson, E.I., Project Engineer

Attachment 1

Updated Bid Form

BID FORM FOR CONSTRUCTION CONTRACT

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 1—OWNER AND BIDDER

- 1.01 This Bid is submitted electronically to: Town of Taos
- 1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2—ATTACHMENTS TO THIS BID

- 2.01 The following documents are submitted with and made a condition of this Bid:
 - A. Required Bid security;
 - B. Complete list of equipment and methods that are proposed for the work;
 - C. List of Proposed Subcontractors;
 - D. List of Proposed Suppliers;
 - E. Contractor's license number as evidence of Bidder's State Contractor's License or a covenant by Bidder to obtain said license within the time for acceptance of Bids;
 - F. Required Bidder references.
 - G. Copy of registration with New Mexico Department of Workforce Solutions.
 - H. Campaign contribution disclosure form

ARTICLE 3—BASIS OF BID—LUMP SUM BID AND UNIT PRICES

- 3.01 *Unit Price Bids*
 - A. Bidder will perform the following Work at the indicated unit prices:

Item No.	Item Description	Quantity	Unit	Unit Price	Extended Price
Base Bid					
Miscellaneous and Site Work					
1	Mobilization and demobilization (not to exceed 5% of the construction cost)	1	LS		
2	Construction surveying and staking	1	LS		
3	Clear and grub area around septic tank and disposal field	0.75	AC		
4	3 inches of ¾-inch basecourse for drive access to septic tank and lift station	94	SY		
5	Adherence to Construction Safety and Phasing Plans (CSPP)	1	LS		
Water System					
6	Install 8-inch PVC C-900 DR 14 waterline, including fittings, trenching, backfill, compaction, and blind flanges for future connections, CIP	8,600	LF		
7	Fire hydrant, including connection to main and 6-inch gate valve, per detail	5	EA		
8	Air release valve in vault, CIP	2	EA		
9	8-inch gate valve, box and cover, CIP	26	EA		
10	Water main service connection, 8-inch C900 main, includes saddle and corp stop	1	EA		
11	Water service line, 1-inch HDPE to frost proof yard hydrant, CIP	650	LF		
Wastewater System					
12	Install 1¼-inch HDPE LPSS, including fittings, trenching, backfill, compaction, and caps for future connections, CIP	1,582	LF		
13	Install 2-inch HDPE LPSS, including fittings, trenching, backfill, compaction, and caps for future connections, CIP	5,898	LF		
14	Install 3-inch HDPE LPSS, including fittings, trenching, backfill, compaction, and caps for future connections, CIP	1,932	LF		
15	2-inch PVC leach field dosing line including trenching, bedding, and backfill (not including clearing and grubbing)	2,710	LF		
16	Concrete septic tank, 2,500 gallons, including piping	1	EA		

Item No.	Item Description	Quantity	Unit	Unit Price	Extended Price
	connections and filter				
17	Ultrasonic flow meter (installed in valve basin as part of bid item 22)	1	EA		
18	Isolation valve and box, CIP	5	EA		
19	Stainless steel lateral kit	1	EA		
20	Flushing connection and box, CIP	7	EA		
21	Combination air and vacuum release valve in vault, CIP	4	EA		
21	Grinder pump station, including basin, pumps, controls, valves, and electrical, CIP	1	EA		
22	Effluent lift station, including fiberglass basin, pumps, controls, valve basin and electrical, CIP	1	EA		
23	Perimeter fence for leach field, 4-foot high, galv. steel, including vehicle and pedestrian access gates	750	LF		
24	8-foot-tall galv. steel chain link fence with concrete posts, 6-gauge wire, 3-inch line post	300	LF		
25	New electrical extension to lift station	5,000	LF		
Construction Subtotal					
<i>Contingency</i>				<i>15%</i>	
<i>NMGRT</i>				<i>7.5000%</i>	
Total Base Bid (including NMGRT)					

B. Bidder acknowledges that:

1. each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and
2. estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.

ARTICLE 4—TIME OF COMPLETION

- 4.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.07 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 4.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 5—BIDDER’S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA

5.01 *Bid Acceptance Period*

- A. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

5.02 *Instructions to Bidders*

- A. Bidder accepts all of the terms and conditions of the Advertisement and Instructions to Bidders, including without limitations those dealing with the dispositions of Bid security. The Bid will remain subject to acceptance for {60 days} after the Bid opening or for such longer period of time that Bidder may agree to in writing upon request of Owner.

5.03 *Receipt of Addenda*

- A. Bidder hereby acknowledges receipt of the following Addenda:

Addendum Number	Addendum Date

ARTICLE 6—BIDDER’S REPRESENTATIONS AND CERTIFICATIONS

6.01 *Bidder’s Representations*

- A. In submitting this Bid, Bidder represents the following:
1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.
 2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
 3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
 4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the General Conditions of the Agreement, with respect to the Technical Data in such reports and drawings.
 5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the General Conditions of the Agreement, with respect to Technical Data in such reports and drawings.
 6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Technical

Data identified in the General Conditions of the Agreement or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and (c) Bidder's (Contractor's) safety precautions and programs.

7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
9. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
10. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.
12. Bidder will submit written evidence of its authority to do business in the State or other jurisdiction where the Project is located not later than the date of its execution of the Agreement.

6.02 *Bidder's Certifications*

A. The Bidder certifies the following:

1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.
2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
3. Bidder has not solicited or induced any individual or entity to refrain from bidding.
4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 8.02.A:
 - a. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.
 - b. Fraudulent practice means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.

- c. Collusive practice means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels.
- d. Coercive practice means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

BIDDER hereby submits this Bid as set forth above:

Bidder:

(typed or printed name of organization)

By:

(individual's signature)

Name:

(typed or printed)

Title:

(typed or printed)

Date:

(typed or printed)

If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.

Attest:

(individual's signature)

Name:

(typed or printed)

Title:

(typed or printed)

Date:

(typed or printed)

Address for giving notices:

Bidder's Contact:

Name:

(typed or printed)

Title:

(typed or printed)

Phone:

Email:

Address:

Bidder's Contractor License No.: (if applicable)

BIDDER MUST FILL IN THE FOLLOWING (if none write none)

NM License Number: _____ License Classifications: _____

NM License Number: _____ License Classifications: _____

Department of Work Force Solutions Registration Number _____





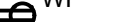
























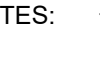


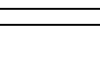




Employer Identification Number (EIN): _____

**Attach copy of labor Relations Division Department of Workforce Solutions Public Works Bureau
Registration as per 13-4-13.1 NMSA 1978 for Contractor and Subcontractor(s) required to register.**

Attachment 2

Revised Drawings

F:\21337 TAOS AIRPORT BOOSTER STATIONS\21337 CADD\CONSTRUCT\ELECTRICAL\E-1 ELECTRICAL LEGEND AND NOTES.DWG July 16, 2025 -- 2:23 PM BY: RYAN POWEROY

ELECTRICAL SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	WALL OUTLET AND SURFACE MOUNTED FIXTURE
	FLUORESCENT OUTLET AND FIXTURE
	SINGLE POLE SWITCH, FLUSH MOUNTED 48" A.F.F.
	DUPLEX CONVENIENCE OUTLET, 18" A.F.F.
	WEATHERPROOF DUPLEX CONVENIENCE OUTLET, 18" A.F.F.
	DUPLEX CONVENIENCE OUTLET, GROUND FAULT CIRCUIT INTERRUPTER, 18" A.F.F.
	JUNCTION BOX INSTALLED ABOVE LAY-IN CEILING WITH FLEXIBLE CONDUIT CONNECTION TO LAY-IN FIXTURES. MAXIMUM 4'-0" LENGTH OF CONDUIT, WITH REQUIRED CONDUCTORS ALONG WITH GREEN GROUND CONDUCTOR
	JUNCTION BOX FLUSH IN WALL, HEIGHT AS INDICATED ON DRAWINGS, WITH CONNECTION TO EQUIPMENT
	CONCEALED BRANCH CIRCUIT WITH CONDUCTORS AS INDICATED. NEUTRAL, HOT, SWITCH LEG AND GROUND RESPECTIVELY
	BRANCH CIRCUIT OR CONDUIT INSTALLED UNDERGROUND OR UNDER FLOOR
	HOMERUN TO PANELBOARD WITH BRANCH CIRCUIT NUMBERS INDICATED
	SOLENOID VALVE
	LIMIT SWITCH
	PRESSURE TRANSMITTER
	FIRE ALARM SMOKE AND HEAT DETECTOR, PHOTOELECTRIC TYPE, 120V AUX CONTACTS MOTOR CONNECTION FOR FRACTIONAL HP MOTOR (1/3 HP OR LESS). PROVIDE THERMAL OVERLOAD SWITCH (WEATHERPROOF IF OUTSIDE) ADJACENT TO MOTOR UNLESS SWITCH IS SHOWN ELSEWHERE ON PLANS
	MOTOR CONNECTION FOR MOTOR WITH HP INDICATED
	DISCONNECT SWITCH, POLES AND RATING AS INDICATED OR AS REQUIRED, NEMA 3R IF INSTALLED OUTSIDE
	FUSED DISCONNECT SWITCH, FUSE, POLES AND RATING AS INDICATED OR AS REQUIRED, NEMA 3R IF INSTALLED OUTSIDE
	COMBINATION MAGNETIC MOTOR CONTROLLER/DISCONNECT SWITCH. SIZE, POLES, FUSES AND OVERLOADS PER MOTOR SERVED
	MAGNETIC MOTOR CONTROLLER, SIZE AND POLES PER MOTOR SERVED
	TRANSFORMER, DRY TYPE, SIZE AS INDICATED
	THERMOSTAT(M), 48" A.F.F.
	120V PANELBOARD, REFER TO PANEL SCHEDULE
	277V PANELBOARD, REFER TO PANEL SCHEDULE
	SPECIAL PURPOSE CABINET, AS INDICATED ON DRAWINGS
	INTRUSION ALARM DOOR CONTACT MAGNETIC
	NORMALLY OPEN CONTACT
	NORMALLY CLOSED CONTACT
	CONTACTOR
	MOTOR OVERLOADS
	RED PILOT LIGHT
	GREEN PILOT LIGHT
	TRANSFORMER
	RELAY
	SWITCH
	FUSE(S)
	CIRCUIT BREAKER
	PROGRAMMABLE LOGIC CONTROLLER
	REMOTE TERMINAL UNIT
	THERMOSTAT
	WEATHERPROOF (NEMA 3R)
NOTES: • LIGHTING FIXTURES ARE OF TYPE AS INDICATED ON LIGHT FIXTURE SCHEDULE U.N.O. • MOUNTING HEIGHTS FOR DEVICES CALLED OUT AT 18" A.F.F. ARE TO THE BOTTOM OF THE DEVICE UNLESS OTHERWISE NOTED. • MOUNTING HEIGHTS FOR DEVICES CALLED OUT AT 48" A.F.F. ARE TO THE TOP OF THE DEVICE UNLESS OTHERWISE NOTED. • ANY SPECIFIC DETAILS ABOVE (MOUNTING HEIGHTS, PART NUMBERS, CONNECTION METHODS, ETC.) MAY BE MODIFIED OR REPLACED BY INFORMATION ON PLANS, SCHEDULES, DETAILS, RISERS, ETC. DETAILS NOT SPECIFICALLY MODIFIED REMAIN AS GIVEN ABOVE.	

GENERAL NOTES

SPECIFICATIONS

- IF THERE IS A CONFLICT BETWEEN PLANS/SPECIFICATIONS AND MANUFACTURER'S RECOMMENDATIONS FOR ANY DEVICE, PART, OR MATERIAL USED IN THE PROJECT, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY IN WRITING THE ENGINEER FOR CLARIFICATION.
- THE CONTRACTOR SHALL FAMILIARIZE HIM/HERSELF WITH THE PLANS, AND THE SITE CONDITIONS PRIOR TO BID OPENING AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY AMBIGUITIES, CONTRADICTIONS OR IRREGULARITIES IN THE PLANS.
- IF, DURING BIDDING OR CONSTRUCTION, THE CONTRACTOR IS IN DOUBT AS TO THE TRUE MEANING OF ANY PART OF THE PLANS, SPECIFICATIONS, OR OTHER CONTRACT DOCUMENTS, OR DISCREPANCIES IN OR POSSIBLE OMISSIONS FROM THE DRAWINGS OR SPECIFICATIONS, THEY SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND REQUEST AN INTERPRETATION OF CORRECTION THEREOF. DURING THE BIDDING PROCESS AN ADDENDUM (IF NEEDED) WILL BE ISSUED.
- THE CONTRACT, IF AWARDED, WILL BE ON THE BASIS OF MATERIAL AND EQUIPMENT SPECIFIED OR DESCRIBED IN THE BIDDING DOCUMENTS WITHOUT CONSIDERATION OF POSSIBLE SUBSTITUTE OR "OR EQUAL" ITEMS. WHEREVER A BRAND NAME IS SPECIFIED OR DESCRIBED IN THE BIDDING DOCUMENTS A SUBSTITUTE OR "OR EQUAL" ITEM OF MATERIAL OR EQUIPMENT MAY BE FURNISHED OR USED BY CONTRACTOR IF ACCEPTABLE TO ENGINEER, APPLICATION FOR SUCH ACCEPTANCE WILL NOT BE CONSIDERED BY ENGINEER UNTIL AFTER THE EFFECTIVE DATE OF AGREEMENT. THE PROCEDURE FOR SUBMISSION OF ANY SUCH APPLICATION BY CONTRACTOR AND CONSIDERATION BY ENGINEER IS SET FORTH IN THE GENERAL CONDITIONS.

EXISTING UTILITIES & OBSTACLES TO WORK

- THE CONTRACTOR IS RESPONSIBLE TO INSTALL ALL ITEMS DESCRIBED IN THESE PLANS IN A MANNER THAT PROTECTS THE EXISTING FACILITY. THE CONTRACTOR MUST CONTACT THE ENGINEER IMMEDIATELY IF HE IS UNABLE TO PERFORM THIS WORK WITHOUT DAMAGE TO THE EXISTING FACILITY. THE CONTRACTOR MUST FIELD VERIFY ALL EXISTING INFORMATION SHOWN ON THESE PLANS. DESIGN ELEMENTS OF THIS PROJECT WILL NOT CHANGE WITHOUT CHANGE ORDER UNLESS THE CONTRACTOR NOTIFIES THE ENGINEER IN A TIMELY MANNER REGARDING ITEMS DESCRIBED IN THIS NOTE. CHANGES IN ALIGNMENT CAUSED BY UNKNOWN OR UNANTICIPATED SITE CONDITIONS SHALL BE ACCOUNTED FOR BY THE APPROPRIATE UNIT PRICES, AS RECOMMENDED BY THE ENGINEER AND APPROVED BY THE OWNER.
- THE EXISTENCE, CONDITION AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN IN THESE PLANS WAS OBTAINED BY A CAREFUL SEARCH OF AVAILABLE RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS, AND IS RESPONSIBLE FOR THEIR LOCATING, PROTECTION OF, OR ANY DAMAGE TO THESE LINES OR STRUCTURES. THIS DOES NOT RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITY TO NOTIFY ALL UTILITY COMPANIES AND OBTAIN LINE SPOTS.
- THE FOLLOWING IS A LIST OF POSSIBLE OBSTRUCTIONS AND SHALL NOT BE CONSIDERED A COMPLETE LIST OF POSSIBLE OBSTRUCTIONS: EXISTING UTILITIES, STRUCTURE, GEOTECHNICAL FEATURES, ALL CONDUIT, CABLES, PIPES, WATERLINES, SEWER LINES, GAS LINES, POWER LINES, TELEPHONE AND TELEGRAPH LINES, TREES, MONUMENTS, TRAFFIC CONTROL DEVICES AND OTHER STRUCTURES, BOTH BELOW AND ABOVE GROUND.
- CONTRACTOR SHALL BE HELD RESPONSIBLE FOR COSTS OF REPAIR OF ANY AND ALL DAMAGE TO ANY UTILITY (WHICH IS PREVIOUSLY KNOWN AND DISCLOSED TO HIM BY THE UTILITY OR SHOWN ON THESE PLANS) AS MAY BE CAUSED BY HIS OPERATIONS.
- FIVE (5) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE-CALL SYSTEM, INC. (505) 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- CONTRACTOR SHALL GIVE ALL PUBLIC AND PRIVATE UTILITY COMPANIES NOTICE AS SOON AS POSSIBLE, IN NO EVENT LESS THAN FORTY EIGHT (48) HOURS, FOR ANY WORK THAT IS UNDERSTOOD TO INTERFERE WITH THE SERVICE OF ANY EXISTING PUBLIC OR PRIVATE UTILITY. IF SUCH PUBLIC OR PRIVATE UTILITY DOES NOT COOPERATE FOR THE PROTECTION OF ITS SERVICES, CONTRACTOR SHALL NOTIFY ENGINEER.
- CONTRACTOR SHALL IMMEDIATELY REPORT ANY DAMAGES TO PUBLIC OR PRIVATE PROPERTY TO THE OWNER OF THE PROPERTY INVOLVED AND TO THE ENGINEER. CONTRACTOR SHALL REPAIR OR RESTORE AT HIS OWN EXPENSE ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY, FOR WHICH THEY ARE DIRECTLY OR INDIRECTLY RESPONSIBLE, TO A CONDITION EQUAL TO THAT EXISTING BEFORE DAMAGE. CONTRACTOR SHALL PROMPTLY NOTIFY HIS INSURANCE CARRIER OF SUCH DAMAGE. IF CONTRACTOR FAILS TO GIVE SUCH NOTICE TO HIS INSURANCE CARRIER OR REFUSES TO EFFECT SUCH REPAIRS OR RESTORATION UPON RECEIPT OF NOTICE, THE ENGINEER MAY CAUSE SUCH REPAIRS OR RESTORATION AND DEDUCT THE COST THEREOF FROM MONEYS DUE, OR WHICH MAY BECOME DUE, TO THE CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE FOR RECORDING EXISTING CONDITIONS IN ACCORDANCE WITH THE SUPPLEMENTARY CONDITIONS OF THE CONTRACT BEFORE CONSTRUCTION BEGINS. THE RECORD OF EXISTING CONDITIONS SHALL BE USED AS THE "EQUAL CONDITION BEFORE DAMAGE" IN THE EVENT OF DAMAGE TO PUBLIC OR PRIVATE PROPERTY. CONTRACTOR FAILURE TO RECORD EXISTING CONDITIONS WILL MAKE THE OWNERS CLAIM OF "EQUAL CONDITION BEFORE DAMAGE" THE STANDARD THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING AND THE ENGINEER WILL BE IN THE POSITION OF NOT BEING ABLE TO SUPPORT THE CONTRACTOR IN THE MEDIATION OF ANY DISPUTE.
- UTILITY LOCATION CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF LOCATION OF ALL EXISTING UTILITIES.

SITE CONDITIONS

- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES ADJACENT TO THE CONSTRUCTION AREA.
- EPA STORM WATER DISCHARGE REGULATIONS. THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE TO APPLICABLE PORTIONS OF THE EPA STORM WATER DISCHARGE REGULATIONS.
- UST ABATEMENT. THE CONTRACTOR SHALL USE WATERING EQUIPMENT FOR DUST POLLUTION ABATEMENT AS REQUIRED OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND SUPPLYING WATER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.

SITE DESIGN

- SUBGRADE. ALL ELECTRICAL SUBGRADE AND TRENCH BACKFILL SHALL BE COMPACTED TO 95 % OF STANDARD PROCTOR. ALL SUBGRADE AND BACKFILL SHALL BE COMPACTED IN MAXIMUM 8" LOOSE LIFTS. MOISTURE CONTENT AT THE TIME OF COMPACTION SHALL NOT EXCEED OPTIMUM OR BE LESS THAN 5 PERCENTAGE POINTS BELOW OPTIMUM. DRIVEWAYS, APRONS, FILLETS, CURB AND GUTTER, AND OTHER CONCRETE PAVEMENT SHALL BE PLACED ON 8" OF COMPACTED SUBGRADE.
- RESTORE SURFACE AT TRENCH TO EXISTING CONDITIONS.

COMMUNICATION

- CONTRACTOR SHALL KEEP THE OWNER AND THE ENGINEER UPDATED WEEKLY ON THE CONSTRUCTION SCHEDULE AND/OR PHASE SCHEDULE, AND PROGRESS TO DATE.

STAGING STORAGE & DEBRIS DISPOSAL

- DEBRIS GENERATED BY CONSTRUCTION ACTIVITIES SHALL BE DISPOSED OF AT A PERMITTED LANDFILL OR OTHER DULY CERTIFIED REFUSE FACILITY. THE DISPOSAL OF DEBRIS IS NOT A PAY ITEM.

RECORD DRAWINGS

- THE CONTRACTOR SHALL PROVIDE A RECORD SKETCH ON THESE PLANS FOR THE AS-CONSTRUCTED CONDITIONS.

PHASE AND SCHEDULE

- CONTRACTOR SHALL PHASE AND SCHEDULE WORK IN SUCH A WAY AS TO PROVIDE MINIMAL POWER OUTAGES AT THE FACILITY. A PROJECT SCHEDULE SHALL BE SUBMITTED TO THE OWNER FOR REVIEW PRIOR TO ISSUANCE OF NOTICE-TO-PROCEED. CHANGES IN SCHEDULE SHALL BE PRESENTED TO OWNER AND ENGINEER AT LEAST 7 DAYS PRIOR TO PROPOSED IMPLEMENTATION. THESE SCHEDULES, SCHEMATICS AND DIAGRAMS SHALL BE UPDATED WEEKLY AS THE WORK PROGRESSES. MOST CHANGE OVER SHALL BE DONE ON WEEKENDS OR AFTER HOURS.

SUBMITTALS

- CONTRACTOR SHALL PROVIDE SUBMITTALS FOR ALL EQUIPMENT, MATERIALS, PROCESSES AND SCHEDULES AND AS REQUESTED BY ENGINEER.

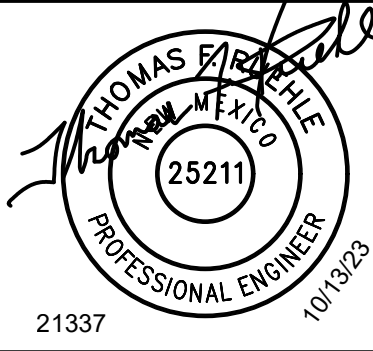


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21337

TOWN OF TAOS
TAOS COUNTY, NEW MEXICO

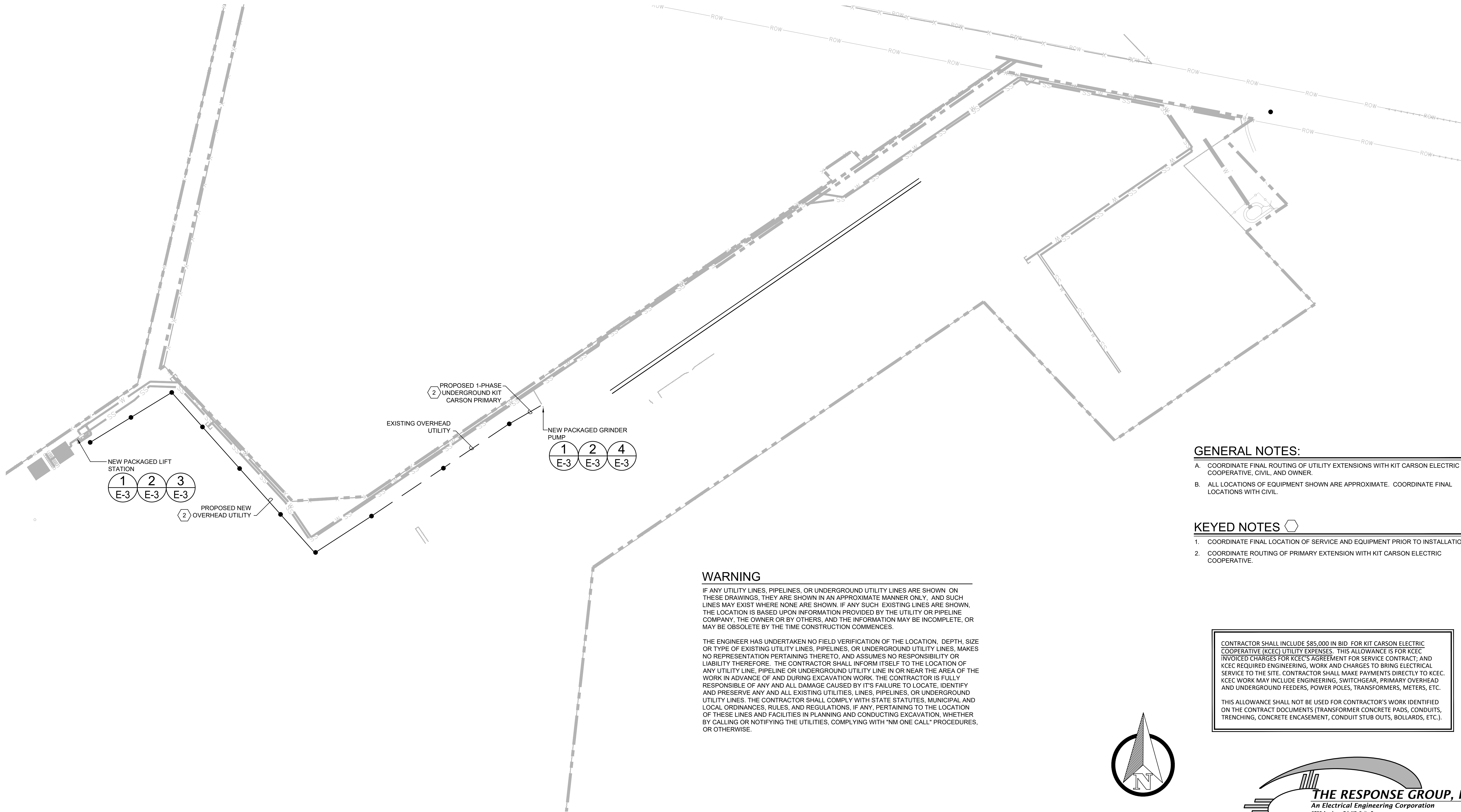
TAOS REGIONAL AIRPORT WATER
AND WASTEWATER IMPROVEMENTS
TAOS COUNTY, NM

ELECTRICAL LEGEND AND NOTES

SHEET
DWG NO. E-1

JOB NO.
DB21.1270

F:\21337 TAOS AIRPORT BOOSTER STATIONS\21337 CADD\CONSTRUCT\ELECTRICAL\E-2 WATER AND WASTEWATER - ELECTRICAL SITE PLAN.DWG July 16, 2025 -- 2:23 PM BY: RYAN POMEROY



GENERAL NOTES:

- A. COORDINATE FINAL ROUTING OF UTILITY EXTENSIONS WITH KIT CARSON ELECTRIC COOPERATIVE, CIVIL, AND OWNER.
- B. ALL LOCATIONS OF EQUIPMENT SHOWN ARE APPROXIMATE. COORDINATE FINAL LOCATIONS WITH CIVIL.

KEYED NOTES

1. COORDINATE FINAL LOCATION OF SERVICE AND EQUIPMENT PRIOR TO INSTALLATION.
2. COORDINATE ROUTING OF PRIMARY EXTENSION WITH KIT CARSON ELECTRIC COOPERATIVE.

WARNING

IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE UTILITY OR PIPELINE COMPANY, THE OWNER OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES.

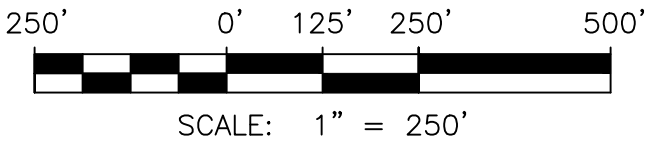
THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFORE. THE CONTRACTOR SHALL INFORM ITSELF TO THE LOCATION OF ANY UTILITY LINE, PIPELINE OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE OF ANY AND ALL DAMAGE CAUSED BY IT'S FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES, AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "NM ONE CALL" PROCEDURES, OR OTHERWISE.

CONTRACTOR SHALL INCLUDE \$85,000 IN BID FOR KIT CARSON ELECTRIC COOPERATIVE (KCEC) UTILITY EXPENSES. THIS ALLOWANCE IS FOR KCEC INVOICED CHARGES FOR KCEC'S AGREEMENT FOR SERVICE CONTRACT, AND KCEC REQUIRED ENGINEERING, WORK AND CHARGES TO BRING ELECTRICAL SERVICE TO THE SITE. CONTRACTOR SHALL MAKE PAYMENTS DIRECTLY TO KCEC. KCEC WORK MAY INCLUDE ENGINEERING, SWITCHGEAR, PRIMARY OVERHEAD AND UNDERGROUND FEEDERS, POWER POLES, TRANSFORMERS, METERS, ETC.

THIS ALLOWANCE SHALL NOT BE USED FOR CONTRACTOR'S WORK IDENTIFIED ON THE CONTRACT DOCUMENTS (TRANSFORMER CONCRETE PADS, CONDUITS, TRENCHING, CONCRETE ENCASEMENT, CONDUIT STUB OUTS, BOLLARDS, ETC.).

WATER AND WASTEWATER - ELECTRICAL SITE PLAN

1
E-2



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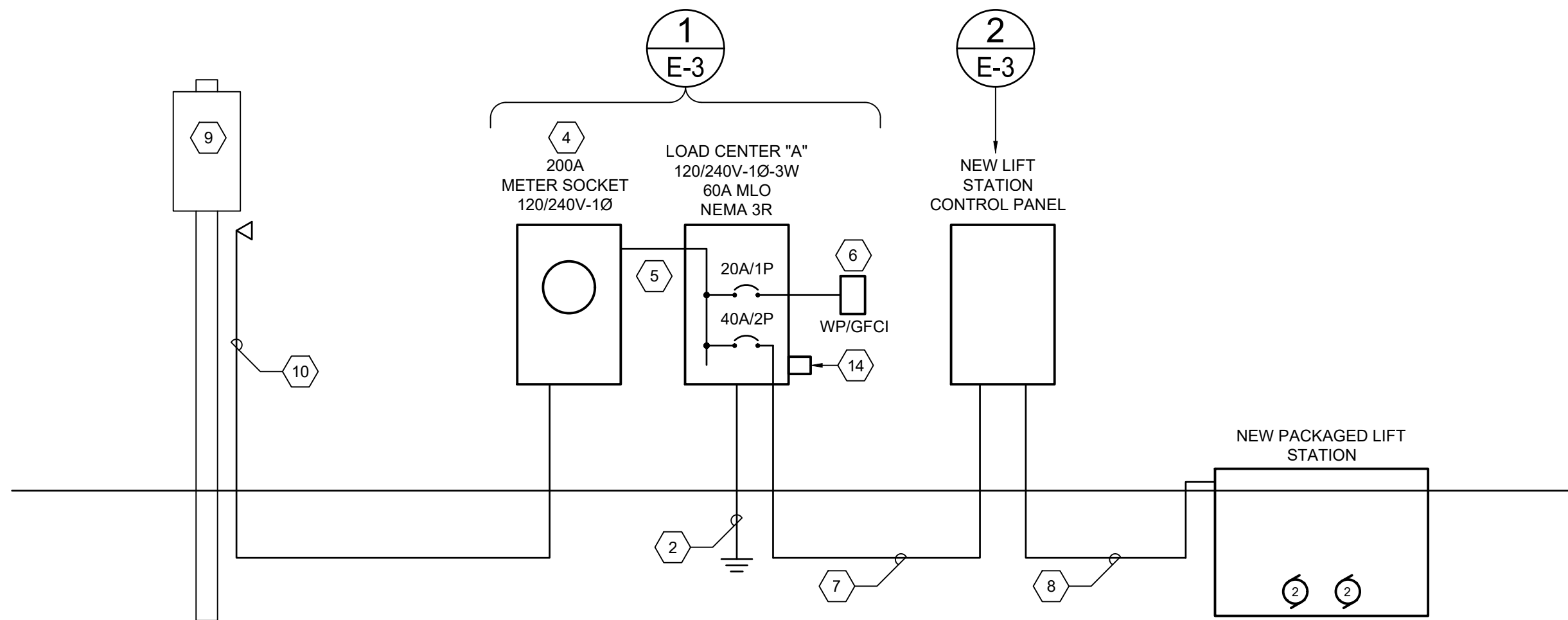
TAOS REGIONAL AIRPORT WATER
AND WASTEWATER IMPROVEMENTS
TAOS COUNTY, NM

OVERALL ELECTRICAL SITE PLAN

SHEET
DWG NO. E-2

JOB NO.
DB21.1270

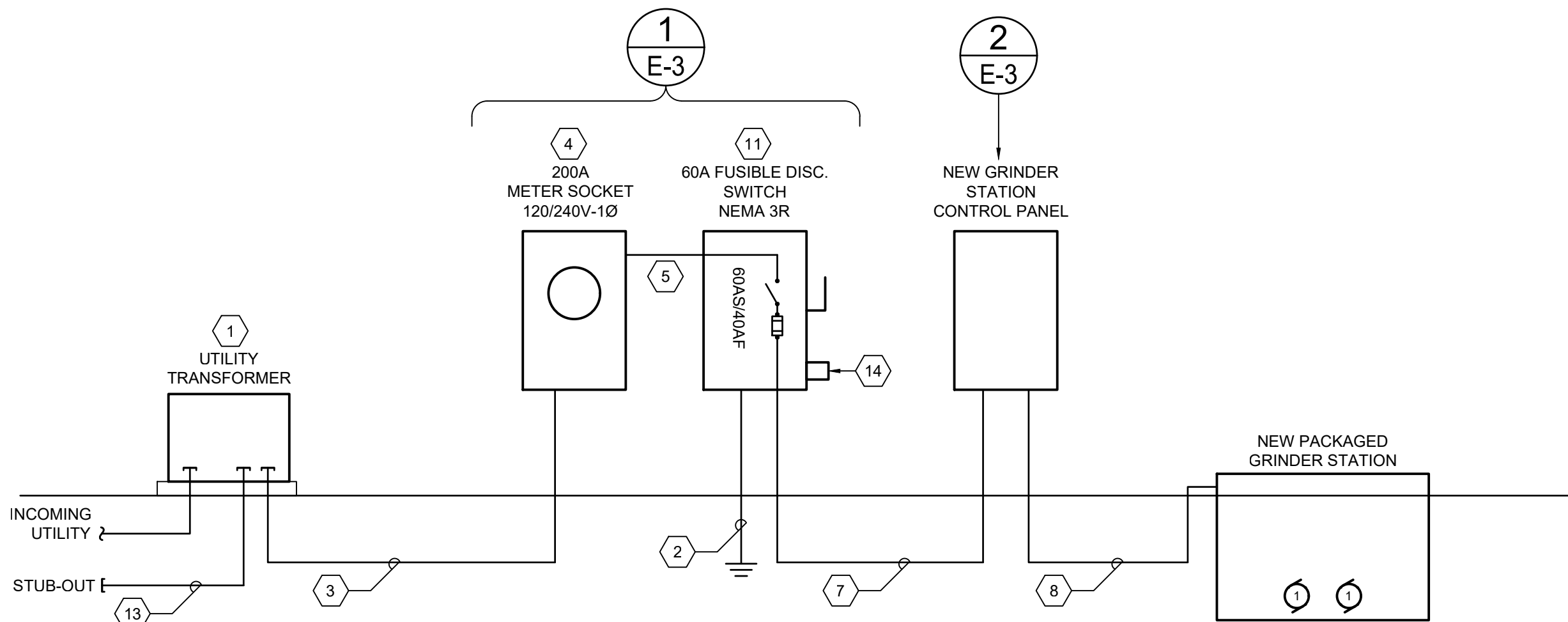
F:\21337 TAOS AIRPORT BOOSTER STATIONS\21337 CADD\CONSTRUCT\ELECTRICAL\E-3 POWER RISERS & SCHEDULES - LS & WWTP.DWG July 16, 2025 -- 2:23 PM BY: RYAN POWEROY



LIFT STATION - POWER RISER DIAGRAM

SCALE: NONE

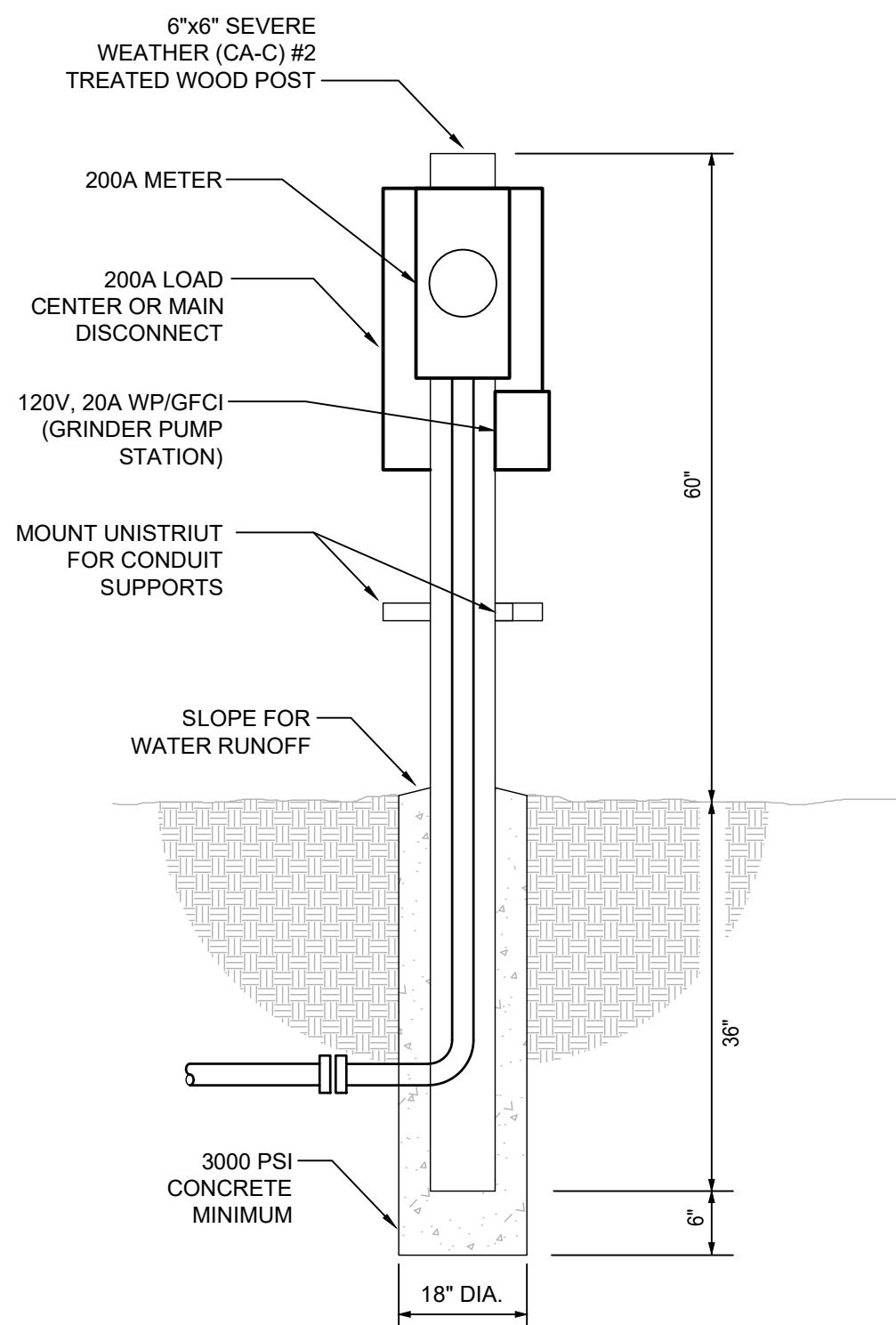
3
E-3



GRINDER STATION - POWER RISER DIAGRAM

SCALE: NONE

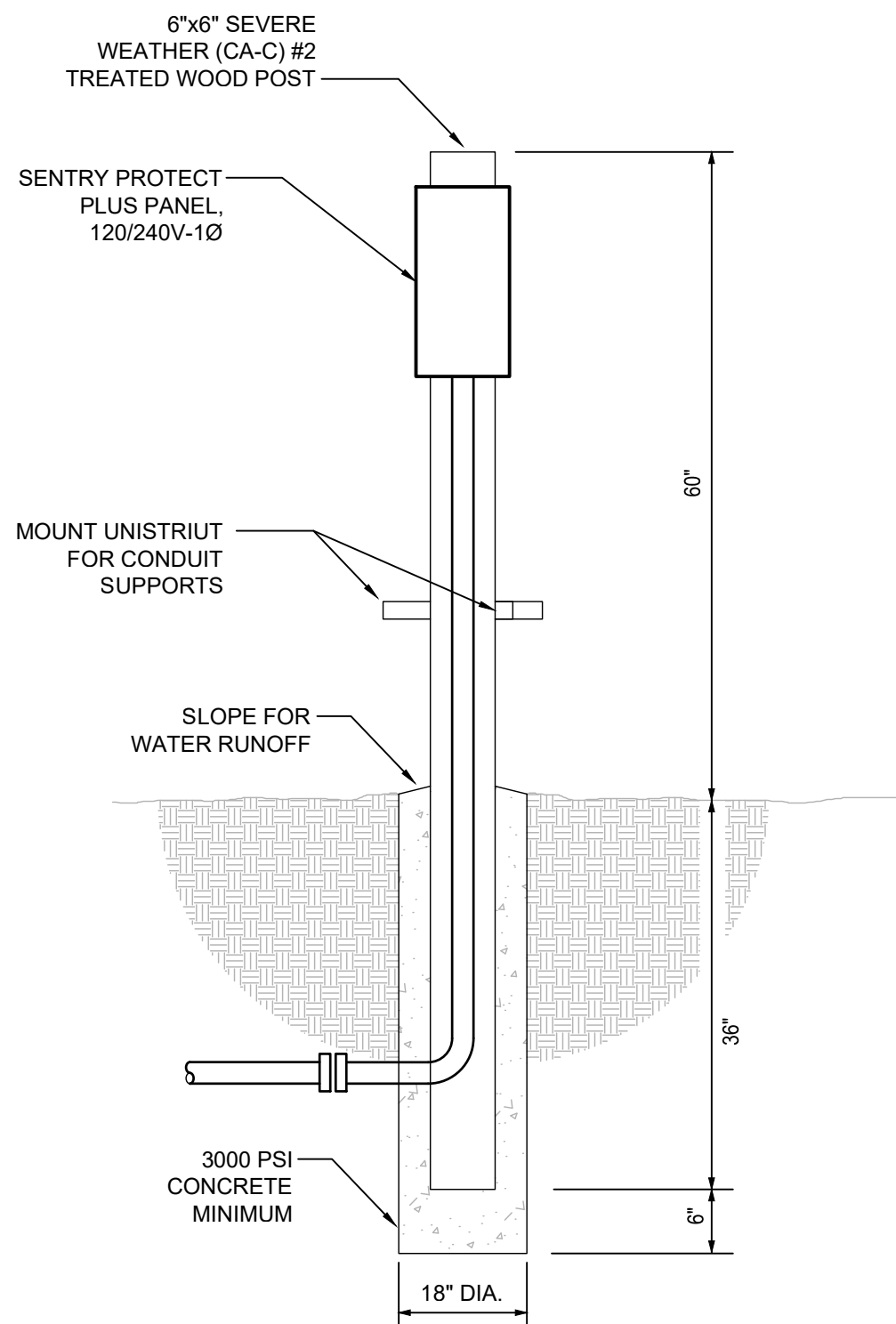
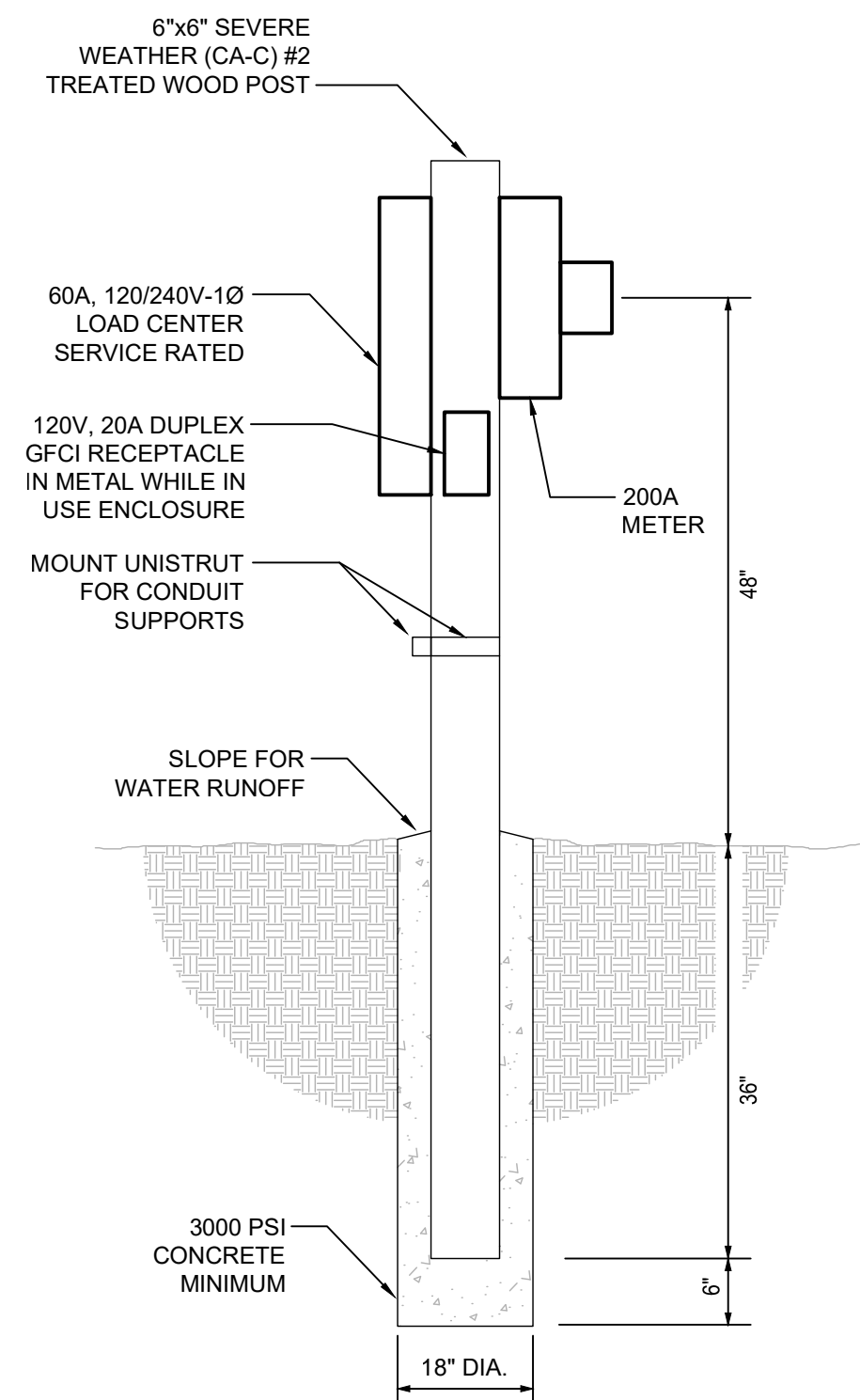
4
E-3



ELECTRIC SERVICE PEDESTAL DETAIL

SCALE: NONE

1
E-3



LIFT STATION CONTROLLER PEDESTAL DETAIL

SCALE: NONE

2
E-3

GENERAL NOTES

A. COORDINATE FINAL UTILITY LOCATION AND REQUIREMENTS WITH KIT CARSON ELECTRICAL COOPERATIVE.

KEYED NOTES

- COORDINATE FINAL REQUIREMENTS WITH KIT CARSON ELECTRIC COOPERATIVE (KCEC). CONTRACTOR SHALL PROVIDE AND INSTALL TRANSFORMER PAD PER KCEC REQUIREMENTS.
- GROUNDING PER GROUNDING SYSTEM RISER DIAGRAM, SHEET E-9.
- PROVIDE AND INSTALL 3#2 THWN CU IN 1-1/4" CONDUIT -OR- 3#1/0 XHHW AL IN 1-1/2" CONDUIT.
- PROVIDE AND INSTALL 200A, 120/240V-1Ø METER SOCK PER KCEC REQUIREMENTS.
- PROVIDE AND INSTALL 3#2 THWN CU AND 1#8 CU GROUND IN 1-1/4" CONDUIT -OR- 3#1/0 XHHW AL AND 1#6 AL GROUND IN 1-1/2" CONDUIT.
- PROVIDE AND INSTALL A 20A, 120V DUPLEX, WEATHER RESISTANCE, GFCI DUPLEX RECEPTACLE IN A METAL, WHILE-IN-USE WEATHERPROOF ENCLOSURE. MOUNT ON WOOD PEDESTAL.
- PROVIDE AND INSTALL 3#8 THWN CU AND 1#10 CU GROUND IN 1" CONDUIT. EXTEND FROM LOAD CENTER TO LIFT STATION CONTROL PANEL. COORDINATE LOCATION AND ROUTING IN THE FIELD.
- PREPACKAGED LIFT STATION IS PROVIDED WITH (2) 20 FOOT, SINGLE PHASE CORDS FOR POWER CONNECTION TO EACH PUMP. THE CONTRACTOR SHALL MAKE ALL REQUIRED CONNECTIONS FOR A COMPLETE AND OPERATIONAL SYSTEM.
- NEW POLE MOUNTED KCEC OVERHEAD TRANSFORMER. 120/240V-1Ø.
- PROVIDE AND INSTALL 2" CONDUIT RISER WITH WEATHER HEAD WITH 3#2 THWN CU -OR- 3#1/0 XHHW AL PER KCEC REQUIREMENTS.
- PROVIDE AND INSTALL A 240V, 100A, 2P, NORMAL-DUTY, FUSIBLE DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. FUSE AT 100 AMPERES.
- EXTEND FROM FUSIBLE DISCONNECT SWITCH TO PACKAGED WASTE WASTE TREATMENT PLANT. CONTRACTOR SHALL MAKE ALL FINAL TERMINATIONS AS REQUIRED.
- PROVIDE AND INSTALL A 3" CONDUIT STUB-OUT THAT SHALL EXTEND 5'-0" FROM TRANSFORMER PAD. PROVIDE AND INSTALL PER KCEC REQUIREMENTS.
- PROVIDE AND INSTALL 120/240V-1Ø, 4-WIRE LIGHTING SURGE ARRESTOR. DELTA LA302G OR OWNER AND ENGINEER APPROVED EQUAL.

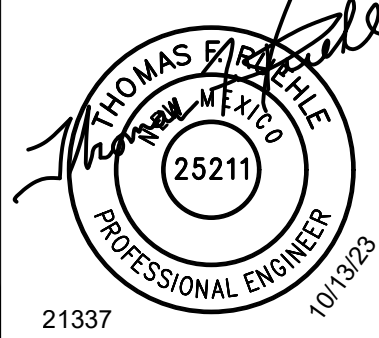


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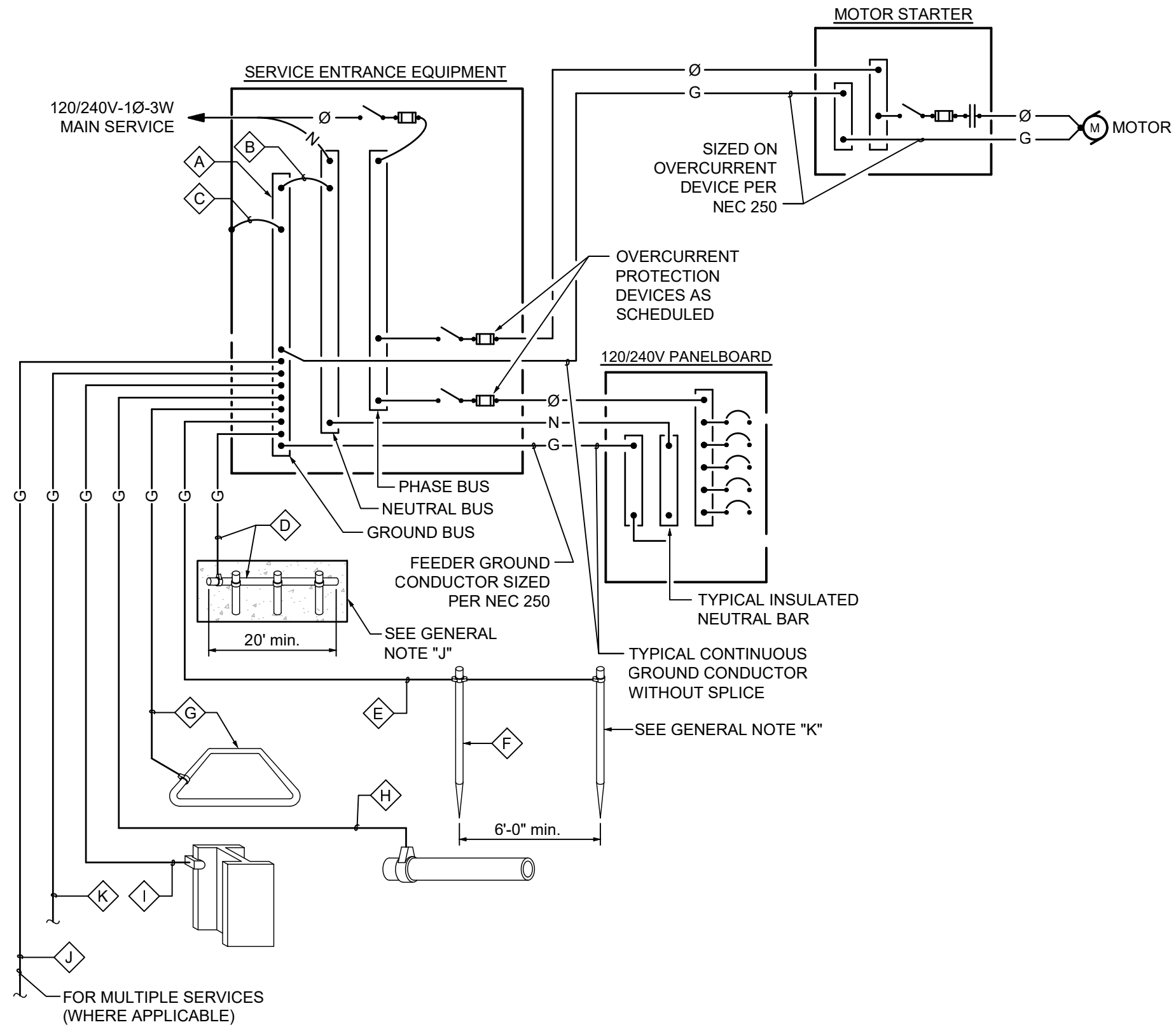
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TOWN OF TAOS
TAOS COUNTY, NEW MEXICO

TAOS REGIONAL AIRPORT WATER
AND WASTEWATER IMPROVEMENTS
TAOS COUNTY, NM
GRINDER STATION & WWTP -
POWER RISER DIAGRAMS & DETAILS

SHEET
DWG NO. E-3

JOB NO.
DB21.1270



GROUNDING SCHEDULE											
	A FACTORY INSTALLED GROUND BUS BAR	B INTEGRATED BUS BAR MAIN BOND JUMPER	C INTEGRATED BUS BAR CASE BOND JUMPER	D CONCRETE ENCASED ELECTRODE (UFER)	E GROUNDING ELECTRODE CONDUCTOR TO ROD, PIPE OR PLATE	F CU or CU-CLAD STEEL GROUND ROD	G COPPER GROUND RING CONDUCTOR	H METALLIC PIPING BONDING CONDUCTOR	I BUILDING STEEL BONDING CONDUCTOR	J MULTIPLE SERVICE BONDING CONDUCTOR	K TELEPHONE SYSTEM GROUNDING CONDUCTOR
CODE REFERENCE AMPACITY		N.E.C. 250.102(C)	N.E.C. 250.102(C)	N.E.C. 250.52(A)(3) 250.66(B)	N.E.C. 250.52(A)(5) 250.52(A)(7) 250.66(A)	N.E.C. 250.52(A)(5)	N.E.C. 250.52(A)(4) 250.66(C)	N.E.C. 250.52(A)(1) 250.66	N.E.C. 250.50(A)(2) 250.66	N.E.C. 250.66	.
200 AMP	SHALL BE SIZED TO ACCOMMODATE ALL GROUND WIRE LUGS AS INDICATED ON GROUNDING DIAGRAM AND/OR REFERENCED ELSEWHERE ON PLANS OR SPECIFICATIONS	#4	#4	#4	#6	5/8"x8"	#2	#4	#4	#4	#6
225 AMP		#2	#2	#4	#6	5/8"x8"	#2	#2	#2	#2	#6
400 AMP		#1/0	#1/0	#4	#6	5/8"x8"	#1/0	#1/0	#1/0	#1/0	#6
600 AMP		#2/0	#2/0	#4	#6	5/8"x8"	#2/0	#2/0	#2/0	#2/0	#6
800 AMP		#3/0	#3/0	#4	#6	5/8"x8"	#2/0	#2/0	#2/0	#2/0	#6
1000 AMP		#3/0	#3/0	#4	#6	5/8"x8"	#3/0	#3/0	#3/0	#3/0	#6
1200 AMP		250kcMIL	250kcMIL	#4	#6	5/8"x8"	#3/0	#3/0	#3/0	#3/0	#6
1600 AMP		350kcMIL	350kcMIL	#4	#6	5/8"x8"	#3/0	#3/0	#3/0	#3/0	#6
2000 AMP		400kcMIL	400kcMIL	#4	#6	5/8"x8"	#3/0	#3/0	#3/0	#3/0	#6
2500 AMP		500kcMIL	500kcMIL	#4	#6	5/8"x8"	#3/0	#3/0	#3/0	#3/0	#6
3000 AMP		500kcMIL	500kcMIL	#4	#6	5/8"x8"	#3/0	#3/0	#3/0	#3/0	#6

GROUNDING SYSTEM DIAGRAM
NOT TO SCALE

120/240V

SCALE: NONE

1
E-4

GROUNDING SYSTEM GENERAL NOTES

- THE GROUNDING ELECTRODE SYSTEM SHALL CONSIST OF ITEMS A, B, C, D, E, F, AND G, WHERE APPLICABLE.
- ITEMS H AND J MUST BE BONDED TOGETHER AND TO THE GROUNDING ELECTRODE SYSTEM WHEN THEY ARE PRESENT.
- ITEM D CONCRETE ENCASED ELECTRODE (UFER) SHALL HAVE UFER SUPPORT CONSISTING OF 5/8" x 10" COPPER GROUND ROD CUT INTO 2' SECTIONS AND DRIVEN FOR SUPPORT OF UFER CONDUCTOR. ONLY COPPER TO COPPER CONNECTIONS ARE ACCEPTABLE. DO NOT USE RE-BAR FOR UFER SUPPORT. (THIS IS TO AVOID THE HARMFUL EFFECTS OF DISSIMILAR METALS IN CONTACT.) A U.L. LISTED COPPER TO RE-BAR CLAMP (SUCH AS GRAVES "JONES BOND" SYSTEM) IS AN APPROVED ALTERNATIVE.
- THIS DETAIL IS PROVIDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, ARTICLE 250, PERTAINING TO THE "GROUNDING ELECTRODE SYSTEM".
- ALL SPLICING AND UNDERGROUND CONNECTIONS SHALL BE ACCOMPLISHED VIA EXOTHERMIC WELD (CAD-WELD) ONLY.
- ALL CONDUCTOR SIZING INDICATED ON THE GROUNDING SCHEDULE ARE FOR COPPER CONDUCTORS. ALUMINUM IS NOT PERMITTED.
- ANY VARIANCES FROM THIS DIAGRAM AND ASSOCIATED SCHEDULE AND NOTES MUST BE REQUESTED AND APPROVED IN WRITING PRIOR TO INSTALLATION.
- ALL INSTALLATIONS SHALL COMPLY WITH THE LATEST ADOPTED EDITION OF N.E.C. ARTICLE 250 (ALL SUBPARAGRAPHS) AND ALL STATE AND LOCAL REQUIREMENTS.
- THE GROUNDING SYSTEM SHALL PROVIDE LESS THAN (4) FOUR OHMS RESISTANCE TO GROUND AT THE SERVICE CONNECTION. THE RESULTS SHALL BE VERIFIED BY AN INDEPENDENT TESTING AGENCY VIA GROUND TEST (FALL-OF-POTENTIAL) AND SUBMITTED TO ELECTRICAL ENGINEER UPON COMPLETION OF PROJECT.
- IF A 20'-0" LONG (MINIMUM) CONCRETE ENCASED ELECTRODE IS NOT AVAILABLE, CONTRACTOR MAY INSTALL A 20'-0" (MINIMUM) UFER GROUND 30" BELOW GRADE WITH AT LEAST TWO GROUND RODS (ONE AT EACH END).
- PROVIDE SECOND GROUND ROD AT LEAST 6'-0" FROM INITIAL GROUND ROD.

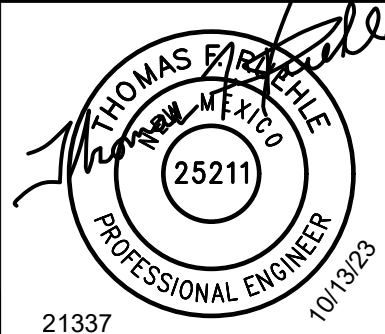


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