



Carson City
308 N. Curry Street, Suite 200
Carson City, Nevada 89703
775.883.7077

October 2nd, 2023

Ms. Kelly Wooldridge
Elko City Clerk
1751 College Avenue
Elko, Nevada 89801

**Subject: Addendum No. 4 to the Bid Form and Plans for the
City of Elko Exit 298 Lift Station and Force Main Project**

Dear Ms. Wooldridge:

This addendum is intended to address the questions that have been presented to the City of Elko regarding the Exit 298 Force Main and Lift Station project during the bidding process after the issuance of Addendum No. 3. Included below is a list of the questions presented and our responses.

- Q: Interior Coating: Devtar 5A HS is specified for 2 x 12 mils coats. The product data sheet states max 8 mils DFT (10 mils WTF) per coat. Is the thickness in the specification "dry film thickness" (DFT) or "wet film thickness" (WFT)?
- A: Dry film thickness (DFT)
- Q: Interior Coating: Devtar 5A HS is specified for 2 x 12 mils coats. The product data sheet states max 8 mils DFT (10 mils WTF) per coat. Is 2 mils per coat thickness mandatory? If so it contradicts the data sheet recommended thickness. As such does it mean 3 x 8 mils coats to achieve the specified 24 mils total is required?
- A: Data sheet Product Characteristics states "May be applied up to 20 mils d.f.t. in one coat". Product to be installed per specifications at 2 coats, 12 mils each.
- Q: Are the following acceptable RCC product alternatives?
- a. Exterior: Either Coroflake 611 EP or Coroflake 620HB EP depending on thickness clarifications.
 - b. Interior: Corogard 62 EP
- A: Coroflake 611 EP is not an acceptable substitute. Coroflake 620HB EP is an acceptable substitute for Devtar 5A-HS when applied to the total DFT indicated in technical specifications. Corogard 62 EP is an acceptable substitute for Sauereisen SewerGard 210S.
- Q: Will native material be acceptable as backfill for the force main?
- A: At the time the trench is excavated, City inspection teams may determine if native material meets specification for backfill. Refer to Detail 1 on Sheet D1.0 for further information.

- Q: Where is the waterline being relocated to or is it being reinstalled in the same location after the force main is installed?
- A: Refer to the cross section provided on Sheet PP1.7 for the revised vertical alignment of the relocated water line south of the lift station.
- Q: Can the pre-bid agenda be provided? There were not enough copies at the pre-bid.
Yes. Please see **Attachment A**.
- Q: Do you know if there is an approved plan from NV Energy for the upgraded service they are pointing out?
- A: Please see **Attachment B** for the final NV Energy design for the proposed electrical service.

If you have any questions, please do not hesitate to contact me at 916-980-8228.

Sincerely,



Cami L. Jackson, P.E.
Project Manager

CC: Dale Johnson, City of Elko Utilities Director
Jonathan Lesperance, P.E., Group Manager
Mara Quiroga, P.E., Senior Engineer

Attachments:

Attachment A – Pre Bid Agenda

Attachment B – Final NV Energy Design

Attachment A – Pre Bid Agenda



CITY OF ELKO

MANDATORY PRE-BID MEETING

DEPARTMENT – SEWER DEPARTMENT
PROJECT: EXIT 298 FORCE MAIN AND LIFT STATION

WEDNESDAY SEPTEMBER 6, 2023 AT 2:00PM
LOCATIONS: 1550 STP RD. (WATER & SEWER SHOP)
ELKO, NV 89801

Introductions:

City Staff and Project Supervision:

- Dale Johnson: City of Elko, Utilities Director 775-777-7212 or djohnson@elkocitynv.gov.
- Jim Kerr: City of Elko, Water/Sewer Superintendent 775-388-8912 or jkerr@elkocitynv.gov
- Andrew Storla, Water/Sewer Assistant Superintendent 775-388-1760 or astorla@elkocitynv.gov
- Kelly Wooldridge: City of Elko, Clerk 775-777-7126 or kwooldridge@elkocitynv.gov. (Absent)
- Diann Byington: City of Elko, Recording Secretary 775-777-7127 or dbyington@elkocitynv.gov.
- Shelley Petersen-Ralph: City of Elko, Admin. Assistant 775-777-7210 s.petersen@elkocitynv.gov.

Construction Management:

- City of Elko Utilities Department Management

Engineering:

- Cami Jackson P.E, Project Manager Lumos & Associates: Design Engineer, (916) 980-8228 cjackson@lumosinc.com. (Representing Engineer of Record Jonathan Lesperance, P.E.
- Lana Carter, P.E. (Representing High Desert Engineering) (775)397-2531.
- Survey and Special Inspections: TBD City will notify

Project Description/Overview:

The project is located along SR-535 beginning east of I-80 Exit 298 and terminating near Hot Springs Road. The primary scope of work includes a new 400 gpm sewer lift station and parallel sewer force main with provisions for future buildout to 1,500 gpm. Lift station. The work

includes site grading, installation of precast concrete, wet well and dry pit structures with depths of approx. 20-FT; three 15 horsepower sewage pumps and discharge piping; yard piping, valves, and fittings, a flow meter and air valve vault; pig launching stations; electrical and controls; and all associated appurtenances. Force main work includes over 11,500 LF each of 6-inch and 10-inch HDPE piping, air valve assemblies, a waterline relocation, and connections to the City's existing gravity sewer system. The force main piping requires a trenchless crossing under SR-535 and open-cut construction within UPRR right-of-way.

Project Bidding Information:

- Sealed bids due on September 21, 2023 at **Elko City Hall- 2:00PM** at 1751 College Avenue, Elko NV 89801
- Late bids will **NOT** be accepted. **NO EXCEPTIONS** – Plan accordingly for delivery of bid. If mailing your bid please keep in mind Elko mail delivery is often delayed.
- Apprenticeship Utilization Act Requirements are enforced on this project. labor.nv.gov – Please Check the Nevada Labor Commission website for the verification process. If no Apprenticeship is available a waiver must be completed, this can be negotiated between City Clerk's Office and the Contractor
- This is a Prevailing Wage Project.
- Payroll Reports are to be submitted to Kelly Wooldridge or Diann Byington, at the City Clerk's Office or at cityclerk@elkocitynv.gov. It is preferred that payroll reports are submitted every two weeks (Bi-Weekly) to assist in accurate reporting.
- Bidders **MUST** be registered with the City Clerk's office for this project. Bidders must be listed on both the Plan-Holders List as well as the Mandatory Pre-Bid Meeting - Sign in Sheet, be sure your company is on both lists.
- Council may award this project at the scheduled City Council Meeting of **Tuesday October 10, 2023. or possibly on October 24, 2023.**
- The 1% and 5% list must be included with the bid, and the prime Contractor **MUST** self -list on each form. (BIDS WILL BE WITHDRAWN AND DEEMED UN-QUALIFIED WITHOUT THE FORMS). (The 1% list may be submitted two hours after bid opening however we recommend that this form be included with the bid).
- Bid Performance and Payment Bonds are required for this project.
- Questions are due **September 12, 2023 by 3:00PM** (7 business days prior to bid opening) The questions must be from the General Contractor who is listed on the plan-holders list. Questions should be emailed to Kelly Wooldridge, City Clerk (cityclerk@elkocitynv.gov) or call (775) 777-7126. Responses to the questions shall be issued via E-MAIL to all plan holders and responses will also be posted on the City's website, answers will be in the form of an Addendum.

- All Addendums will need to be signed and returned with the bid package, or they can be sent to the City Clerk via email.
- Project superintendent resumes will be required, and the superintendent shall remain on the project until completion.
- Contract time is expected to be approximately 180 days.
- Liquidated damages are \$1,000 per calendar day.
- City business license and correct and current Nevada contractor license is required.(Classification A)

Permits Required

- NV Energy permit (**PID #3005298732**) is valid and expires April 27, 2025
- UPRR Permit is under review.
- NDOT Permit for bore and ROW has been approved, an Emergency Response Plan was issued on 9/5/23.
- A SWPPP Permit will be required for this project and will be prepared by the Contractor.
- City Street Cut – Permits (fee will be waived).
- Traffic Control study will be required by the City of Elko and NDOT.

Easements to be considered:

- NDOT (To be provided by Lumos)
- UPRR (Still under review as of 9/11/23)

Inspections:

- QA/QC and Survey and Staking is TBD.

Mobilization and Staging:

- TBD

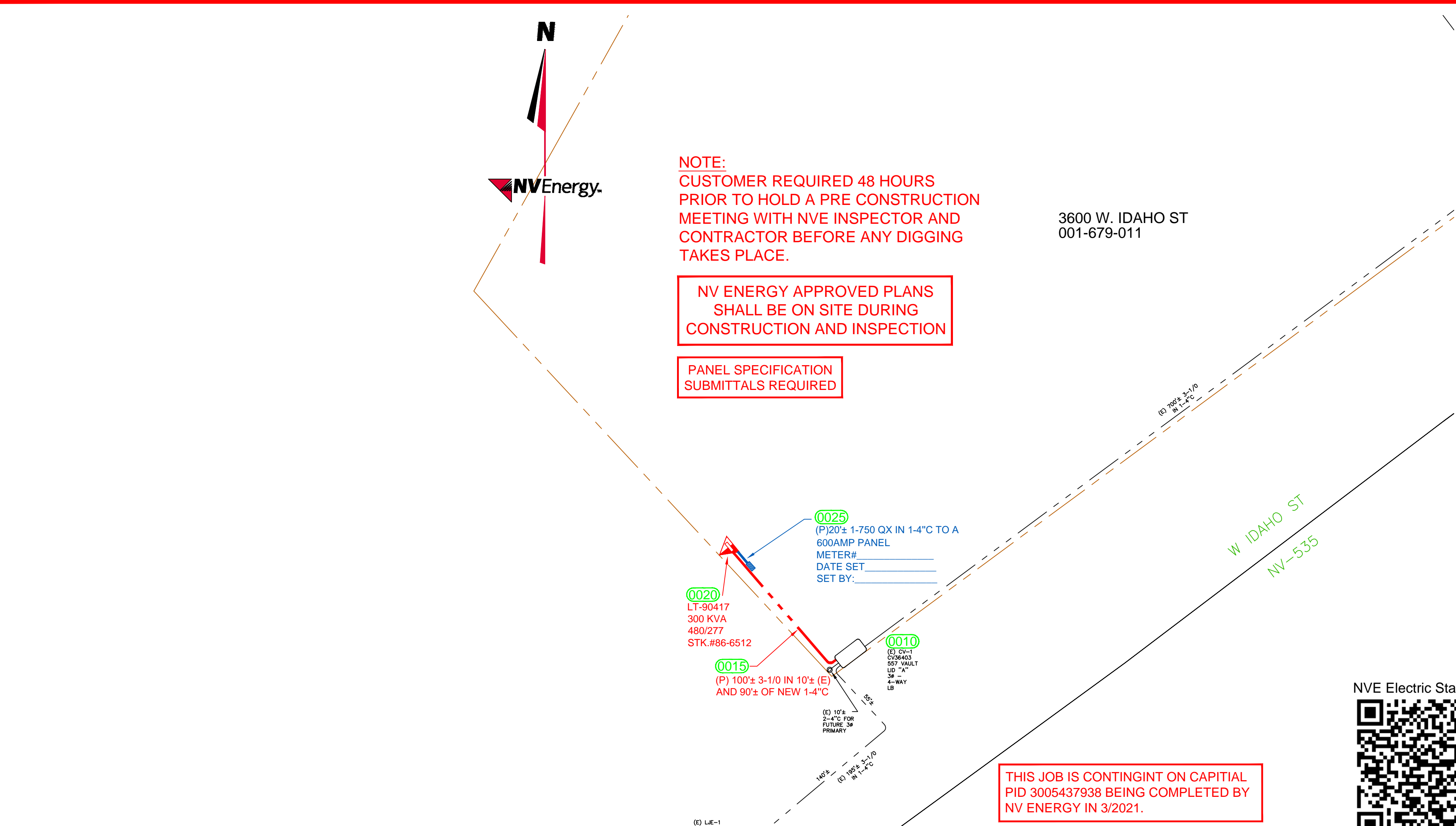
Other Notes:

- I&E Electric is a “Sole Source” vendor for the City of Elko and will implement the SCADA system for this project.

Project Cost (Engineer’s Estimate)

- 5 Million

Attachment B – Final NV Energy Design



NV ENERGY TO FURNISH AND/OR INSTALL:

- APPROX. 100CKT. FT. 25 KV 3Ø U/G PRIMARY C/O 3-1/0 CABLE AND 90' OF NEW 1-4"C (CONDUIT BY APPLICANT).
- APPROX. 20CKT. FT. U/G SERVICE CABLE TO 1 - 600AMP PANEL C/O 1 - RUN OF 750 QX IN 1-4"C (CONDUIT BY APPLICANT).
- 1- 3Ø PDM LOAD BREAK TRANSFORMER 300KVA, 24.9GDY/14.4KV, 480/277V, STK.#86-6512.

APPLICANT TO FURNISH AND/OR INSTALL:

- 1- 3Ø TRANSFORMER PAD 72"x60"x8" PER NVE. STD. PE0003U. 75-500KVA, 30"x17"x12".(SEE VOLUME 17 SECTION 6 PE0003U).
- PROPOSED APPROX. 90 FT. 4" PVC PRIMARY CONDUIT.
- PROPOSED APPROX. 20 FT. 4" PVC SERVICE CONDUIT.
- (ABOVE FOOTAGE DOES NOT INCLUDE SWEEPS OR RISERS FOR SECONDARY BOXES, TRANSFORMERS, JUNCTION ENCLOSURES, ETC.)

APPLICANT IS RESPONSIBLE FOR MANDRELLING CONDUIT AND INSTALLING A PULL LINE THAT MEETS OR EXCEEDS THE FOLLOWING REQUIREMENTS:

- THE PULL LINE WILL BE OF A FLAT DESIGN
- SHALL HAVE A MINIMUM BREAKING STRENGTH OF 400 LBS.
- WILL HAVE SEQUENTIAL FOOTAGE MARKINGS
- EXAMPLES OF PULL LINES THAT MEET THESE REQUIREMENTS (NVE. STK.#95-7305)
- NEPTCO "MULE TAPE" (WP400P)
- CONDUX INTERNATIONAL (08096203)
- SEE NVE VOLUME 17, SECTION 4-CD0001U.

ALL SERVICE CONDUIT TO BE 4", MINIMUM.

ALL CONDUIT TO BE A MINIMUM DB120 PVC GRAY BELOW GROUND.

NOTE: ALL CONDUIT INSTALLATIONS BENEATH FOUNDATION AND SLABS TO BE RIGID STEEL OR CONCRETE ENCASED PER NVE STDS. CD0003U.

ALL TRENCHING AND BACKFILL PER APPLICABLE NVE. STDS. TE0001, TE0003, TE0004 AND TE0020.

ALL STAKING REQUIREMENTS PER NVE. STD. G0001U/G/W AND G0002U.

ALL STREET CUT PERMITS AND PAVEMENT CUTTING AND REPLACEMENT AS REQUIRED.

RETAINING WALL REQUIREMENTS PER NVE. STD. TE0040U.

8" x 5/8" GROUND RODS AT SWITCH, TRANSFORMER AND JUNCTION ENCLOSURE LOCATIONS.

BEFORE INSTALLATION OF THE UTILITY FACILITIES AND IF NO PUBLIC UTILITY EASEMENTS EXIST, THE OWNER OF RECORD SHALL SIGN APPROPRIATE EASEMENT DOCUMENTS.

ALL SERVICE CONDUITS TO BE STUBBED 10' MINIMUM FROM TRANSFORMER PADS AND SECONDARY BOXES AT THE SAME TIME AS MAIN LINE INSTALLED PER NVE STDS VOLUME 17. (TE0020U)

GENERAL COMMENTS:

CALL NVE INSPECTION REQUEST LINE (775)753-1819 48 HOURS PRIOR TO START OF ALL OVERHEAD OR UNDERGROUND CONSTRUCTION. (INCLUDE PROJECT NUMBER, NAME AND PHONE NUMBER, AND TYPE OF INSPECTION REQUIRED)

METER PANELS ARE TO BE LABELED IN ACCORDANCE WITH NVE STD. GM0001M SEC. 5.3

VAULTS, TRANSFORMERS AND SECONDARY BOXES WILL HAVE MINIMUM 3' FLAT AND CLEAR ON ALL FOUR SIDES, 10' CLEAR IN FRONT OF TRANSFORMERS.

PADMOUNT EQUIPMENT MUST MEET REQUIRED LOCATIONS/CLEARANCES PER NVE. STD. PE0010U

THREE PHASE TRANSFORMERS AND EQUIPMENT (SWITCHES) WILL HAVE A 10 FOOT LONG BY THE PAD WIDTH, FLAT LEVEL SURFACE IN FRONT OF THE OPENING FOR OPERATING THE SWITCH OR TRANSFORMER BY NVE PERSONAL. SUITABLE MATERIALS ARE CONCRETE, ASPHALT OR PAVING BRICKS. THE CLEAR SURFACE WILL BE REVIEWED BY THE PLANNER AND INSPECTOR PRIOR TO ENERGIZATION OF EQUIPMENT. PER NVE. STD. PE0010U

EQUIPMENT BARRIER POSTS MAY BE REQUIRED PER NVE. STD. PE0009U.

RETAINING WALLS MAY BE REQUIRED FOR ANY SLOPES GREATER THAN 15% PER NVE. STD. TE0040U.

ALL SECONDARY BOXES AND PRIMARY VAULTS SHALL BE TO FINISH GRADE.

ALL MATERIAL SHALL BE ON THE JOB SITE PRIOR TO THE START OF ANY WORK BY NVE.

REFER TO NVE. STDS. CM0001M FOR FURTHER CLARIFICATION OF DETAILS.

COMPACTION TESTS REQUIRED PER NVE. STD. SUB01X.

NO TREE SHALL BE PLANTED UNDER OR ADJACENT TO ENERGIZED POWER LINES WHICH, AT MATURITY, SHALL GROW WITHIN 10 FEET OF THE ENERGIZED CONDUCTORS. NOR SHALL ANY PERMANENT STRUCTURE, FENCE, SHRUB OR TREE BE PLANTED CLOSER THAN 10 FEET IN FRONT AND 3 FEET FROM ALL OTHER SIDES OF A PAD MOUNTED TRANSFORMER.

THESE DRAWINGS ARE BASED ON CIVIL PLANS DATED: 12/2019

NOTE: DEVELOPER IS RESPONSIBLE FOR ADHERENCE TO NV ENERGY GAS AND ELECTRIC STANDARDS. CONSTRUCTION STANDARDS CAN BE FOUND ON-LINE AT THE FOLLOWING WEB SITE: <http://www.nvenergy.com/account-services/building-and-new-construction>

APPLICANT SHALL BE RESPONSIBLE FOR PROTECTING GAS VALVES, ELECTRIC CABLES, DUCTS, AND OTHER STRUCTURES FROM SUPERIMPOSED LOADING CREATED BY CONSTRUCTION EQUIPMENT OR OTHERWISE. APPLICANT SHALL REPAIR OR PAY FOR ANY DAMAGE DONE TO ABOVE EQUIPMENT TO MEET NVE'S INSPECTOR APPROVAL. NVE STD. VOL. 17 RU0005U

THIS MAP ILLUSTRATES DATA COLLECTED FROM VARIOUS SOURCES AND MAY NOT REPRESENT A SURVEY OF THE PREMISES. NO RESPONSIBILITY IS ASSUMED AS TO THE SUFFICIENCY OR ACCURACY OF THE DATA DISPLAYED HEREON.

ALL WORK SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS SET FORTH IN THE ELECTRIC DISTRIBUTION GUIDE, VOL. 17 AS CURRENTLY ADOPTED BY NVE. THE CONTRACTOR SHALL SECURE COPIES OF THE AFOREMENTIONED CONSTRUCTION SPECIFICATIONS ON HIS OR HER OWN BEHALF.

USE CAUTION! PRIOR TO EXCAVATION, CHECK TO ENSURE ADDITIONAL DEPTH IS NOT REQUIRED TO ACCOMMODATE GAS AND/OR WATER FACILITIES.

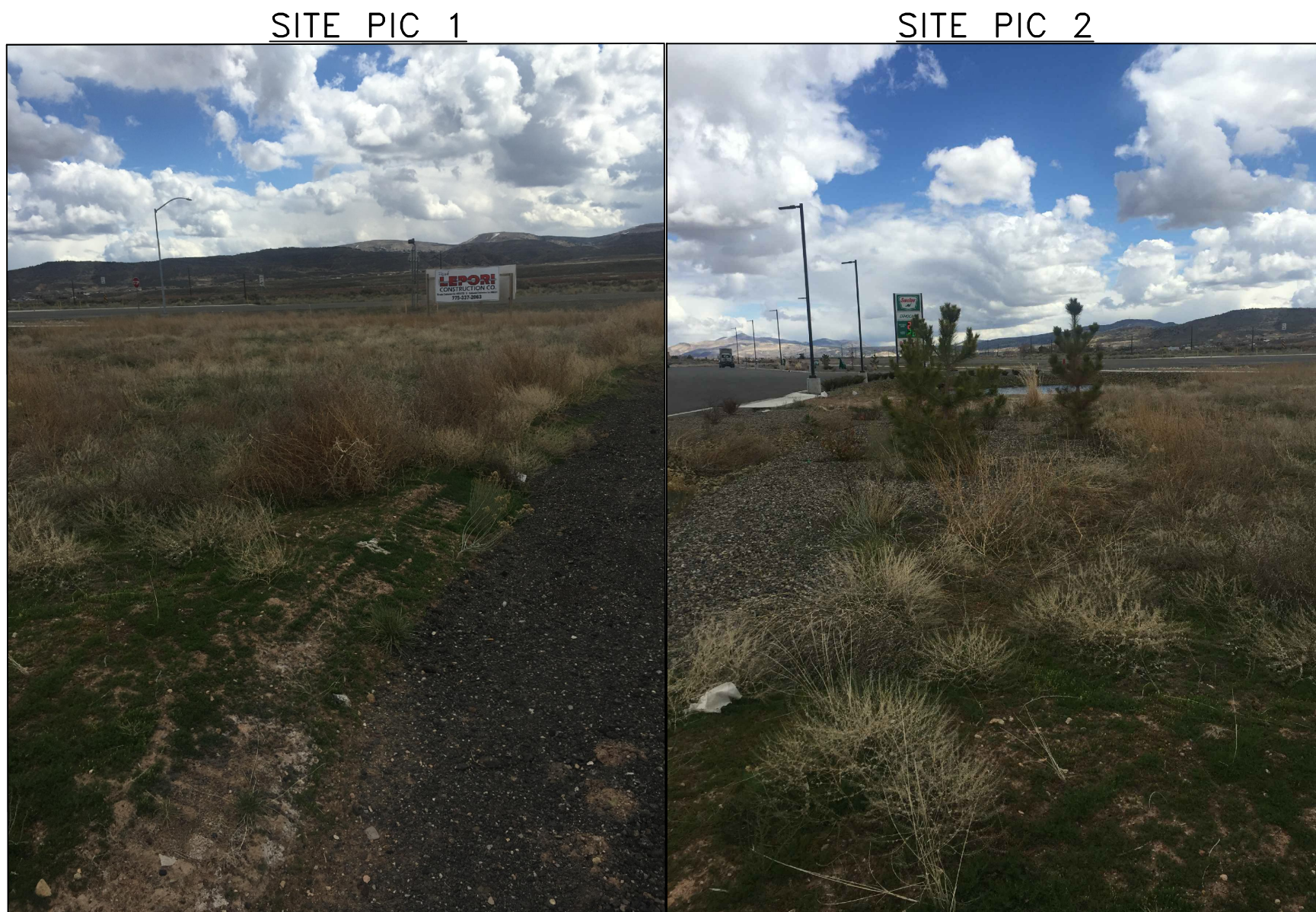
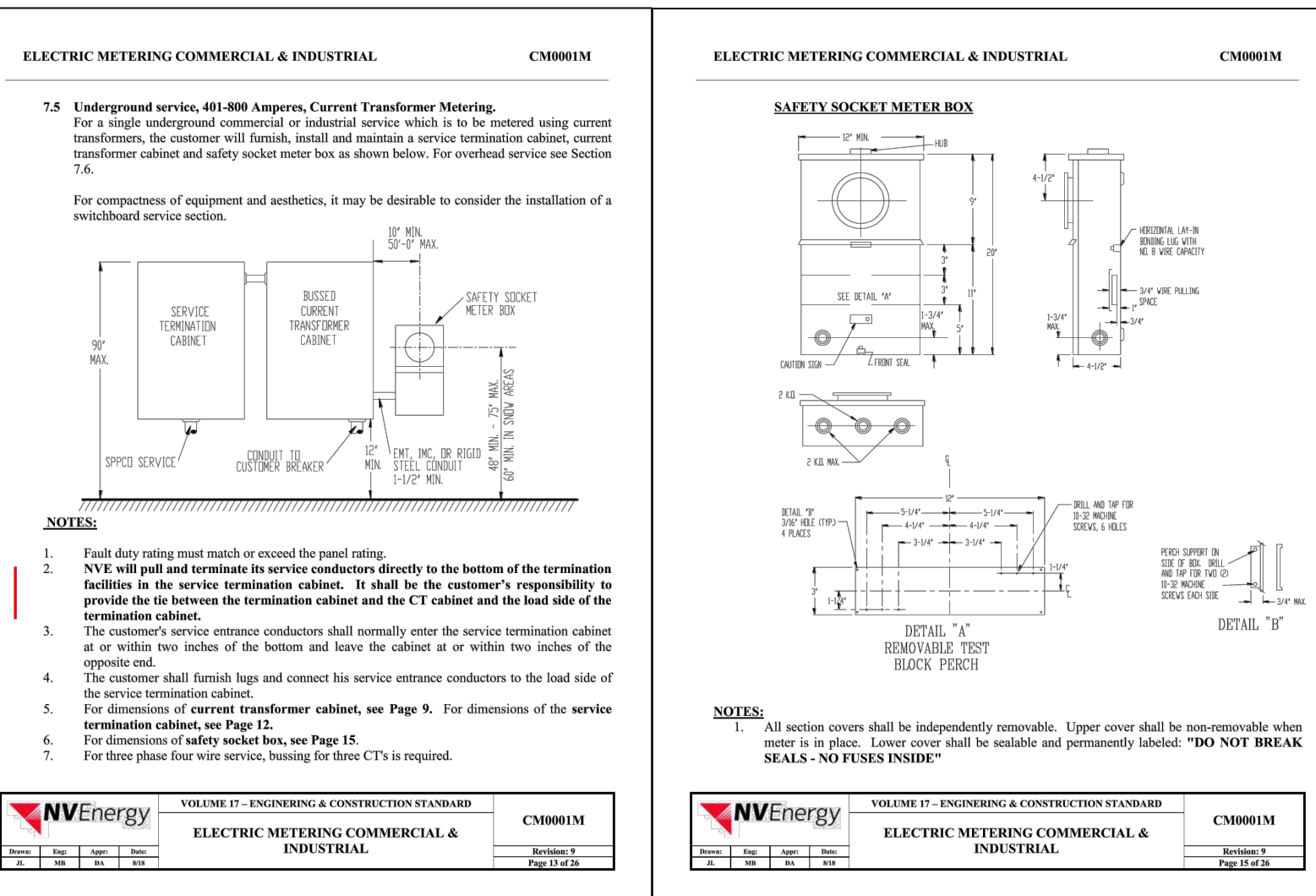
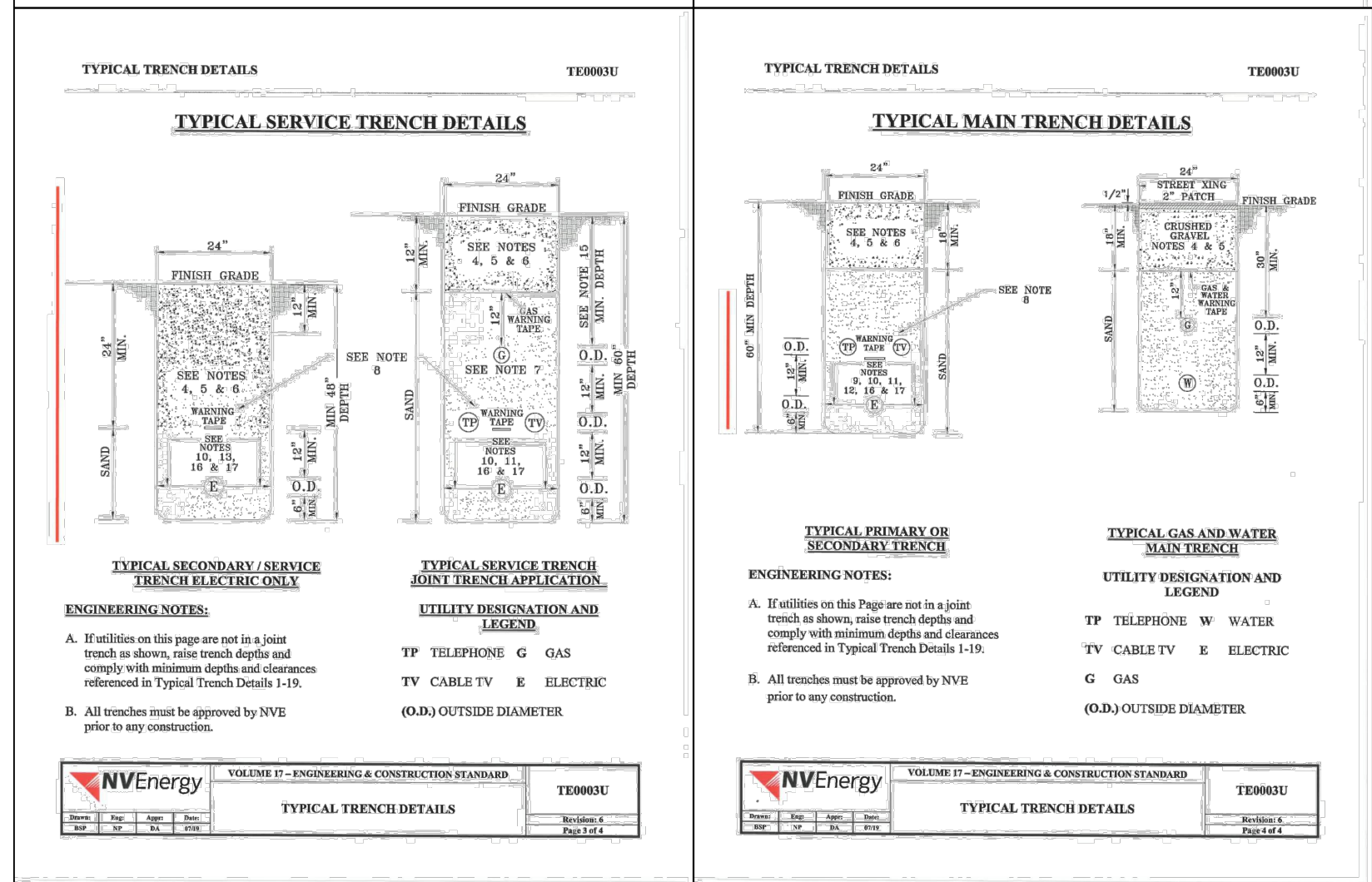
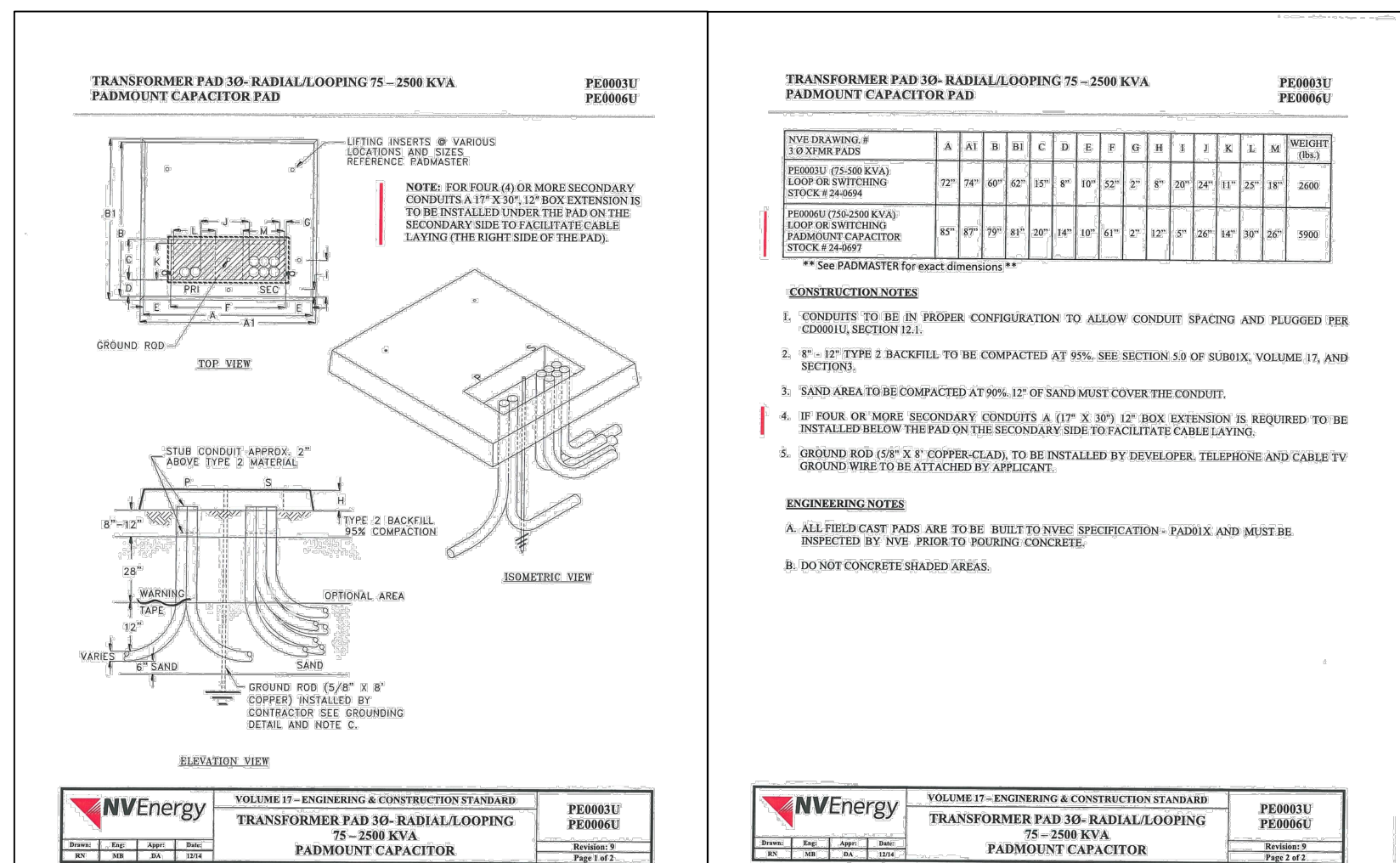
SYMBOLS ARE NOT TO SCALE AND DO NOT NECESSARILY REPRESENT ACTUAL LOCATIONS OF FACILITIES.

NVE Electric Standards



Volume 17

THIS JOB IS CONTINGINT ON CAPITAL PID 3005437938 BEING COMPLETED BY NV ENERGY IN 3/2021.



2 working days
Call before you Dig.
Dial 811

DRAWING	DESIGNED BY	DATE
BASE	LWH	3/10/20
ELECTRIC	RJL	3/20/2020
GAS		

REVIEWED BY:			
Utility Designer	Engineer	Design Administrator	Design Facilitator
RL		RM	
3/25/2020		3/25/2020	

NO.	REVISION	DESCRIPTIONS	DATE	DI
1				
2				
3				
4				
5				
6				
7				

Call before you Dig
Call 1-702-227-2929

P.O. Box 10100
R77CSE
Reno, NV. 89520-0024

NV ENERGY CONTACT INFORMATION:	
COORDINATOR: ROBERT LINO	
OFFICE: #	775-834-2828
CELL: #	775-385-8919
FAX: #	775-834-2835
EMAIL:	rlino@nvenergy.com
DESIGNER:	ROBERT LINO
INSPECTION HOTLINE#:	888/999-1556

CUSTOMER CONTACT INFORMATION:	
CUSTOMER:	CITY OF ELKO
ATTENTION:	DALE JOHNSON
PHONE: #	775-777-7212
FAX: #	
EMAIL:	DJOHNSON@ELKOCITYNV.GOV
CUST REP: #	
PHONE: #	
EMAIL:	

TOWNSHIP-RANGE-SECTION	APN#
3455-30	1679011

SOURCE INFORMATION:	
218	
25KV NORM OUT OF	
LAST CHANCE SUB	

VICINITY MAP (NTS)	
E-EXIT 298 LIFT	
STATION-FP-COMM-CITY OF	
ELKO	

EXHIBIT "A" APPLICANT INSTALLED CONDUIT	AUD#:	GAS#:	EL#:
ELECTRIC DESIGN			3005298732

SCALE: 1" = 50'
SHEET#: E.1