



## DESIGN APPROVAL AGREEMENT (Electric)

Project ID: 3011013952  
Project Title: E-TRUCKEE MEADOWS  
FIRE & RESCUE FIRE  
STATION-FP-COMM-E-  
TRUCKEE MEADOWS FIRE  
& RESCUE  
Project Coord.: Jasmin, Irene (NV  
Energy)

1. Truckee Meadows Fire & Rescue, a(n) NV GOVERNMENT, ("Applicant") acknowledges that it has reviewed the design attached hereto for PID 3011013952 ("Design") that Sierra Pacific Power Company d/b/a NV Energy ("Utility") prepared, including all notes and Utility's standards referenced therein.

2. Applicant understands and agrees to abide by Utility's Volume 17 Electric Installation Guide Northern Nevada. These standards are available at [http://www.nvenergy.com/business/newconstruction/newconstructionN/standards/electric\\_standards/vol\\_17.cfm](http://www.nvenergy.com/business/newconstruction/newconstructionN/standards/electric_standards/vol_17.cfm). Applicant acknowledges that Applicant is bound by all notes on the Design.

3. Applicant agrees that the Design is appropriate for providing the electric service Applicant requested, if any, and hereby accepts and agrees to the type and location of Utility's facilities.

4. Applicant agrees that the location of the conduit, pads, switches, transformers and other facilities on the Design do not conflict and are compatible with Applicant's project.

5. Applicant acknowledges that this Design is preliminary and is subject to certain approvals, including Applicant acquiring and delivering to Utility easements it deems reasonably necessary and Applicant acquiring any necessary permits ("Approvals"). Accordingly, Applicant accepts complete responsibility for any work, and all costs associated with that work, that it performs or causes to be performed before Applicant obtains these Approvals and before Utility releases PID 3011013952 for construction. The Parties will attach the final, approved Design to the applicable line extension agreement entered into between Applicant and Utility.

6. Applicant agrees that Applicant must follow Utility's procedures for obtaining electric service and/or relocating Utility's facilities and that Applicant is bound by Utility's Tariff Schedules. The Tariff Schedules are available at <http://www.nvenergy.com/company/rates/nvv/>.

7. Applicant agrees that this Design Approval Agreement is not an acceptance of or waiver of any conflict between Applicant's project and Utility's easements, prescriptive rights, rights-of-entry or other property rights located within or adjacent to Applicant's project or between Applicant's project and Utility's above-ground and underground distribution and transmission facilities located within or adjacent to Applicant's project.

8. Applicant acknowledges that conduit(s) identified on the Design as "existing" might, or might not, have been installed and one or more of those "existing" conduits might need to be repaired or replaced. Applicant acknowledges that, at its Total Cost (defined in Rule 9 of the Tariff Schedules), Applicant must (a) verify the existence and integrity of that "existing" conduit, (b) install any missing conduit, (c) repair or replace that "existing" conduit to Utility's satisfaction and (d) in Utility's discretion, video inspect, re-mandrel and/or re-mule tape any conduit being used for the Project (defined in Rule 9 of the Tariff Schedules). Utility recommends that Applicant have the underground contractor perform the foregoing before Utility and Applicant sign the line extension agreement for construction of the Project. Before mandrelling any "existing" conduit and at least two business days in advance, Applicant must contact Utility's Inspector at the telephone number identified on the Design so that Utility may provide standby service at Applicant's Total Cost.

9. Applicant agrees that, before going to construction and before Utility will provide service to Applicant's project or relocate any Utility facilities, Applicant must sign a line extension agreement.



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**Truckee Meadows Fire & Rescue**

By: \_\_\_\_\_  
*Signature*

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Revisions:**

1) Description: \_\_\_\_\_

Applicant Approval: \_\_\_\_\_ Date: \_\_\_\_\_

2) Description: \_\_\_\_\_

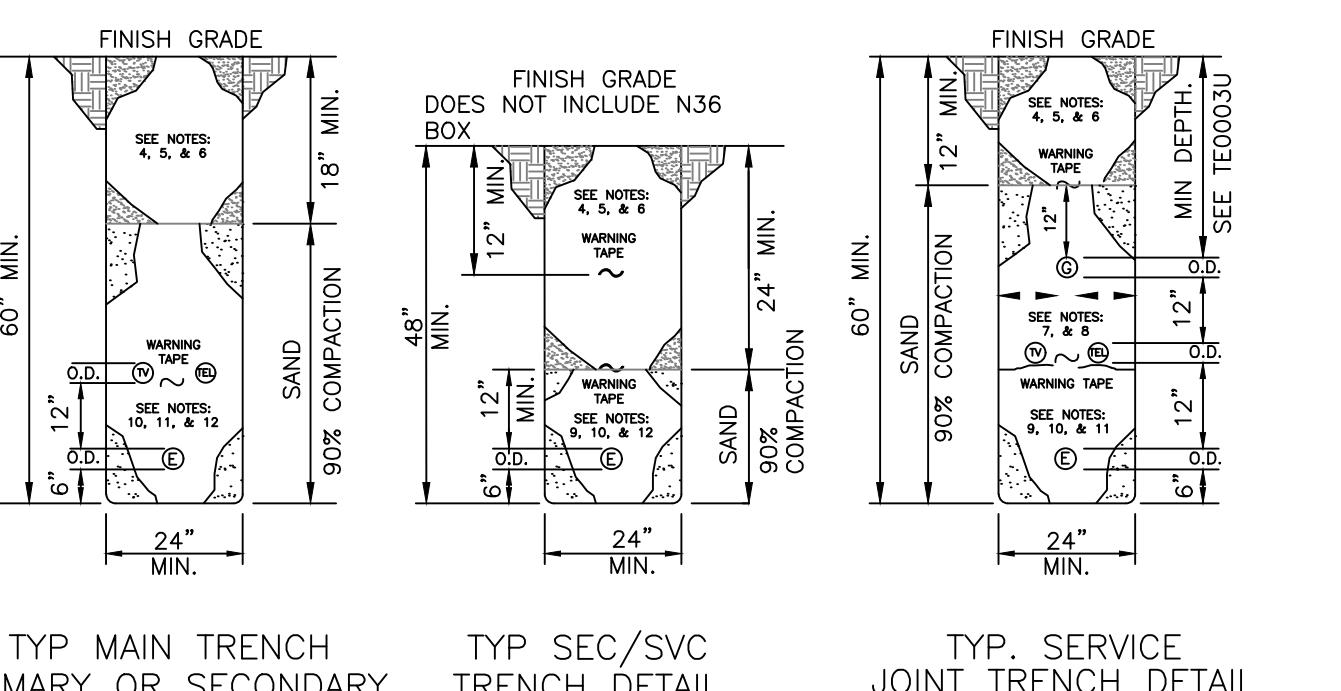
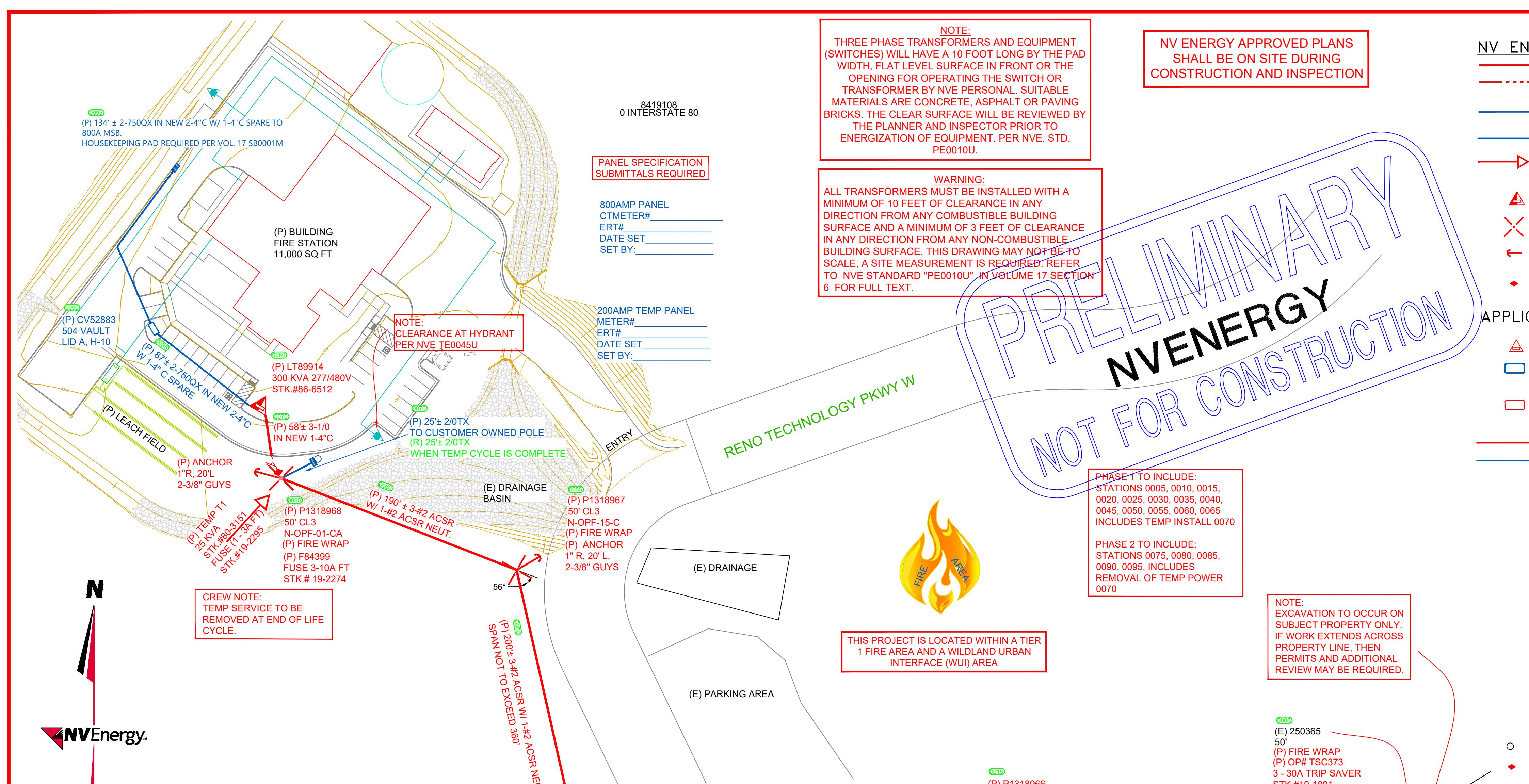
Applicant Approval: \_\_\_\_\_ Date: \_\_\_\_\_

3) Description: \_\_\_\_\_

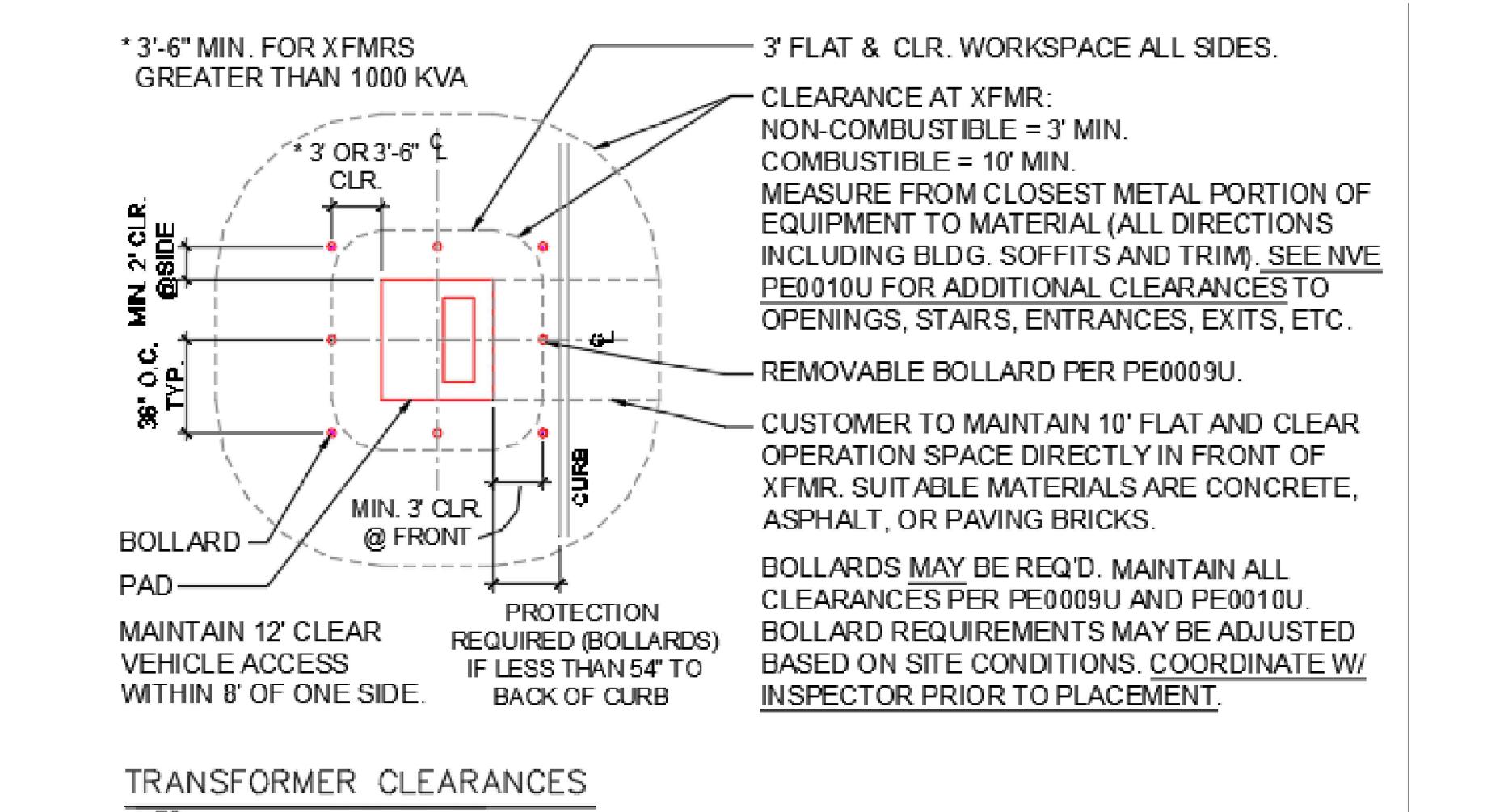
Applicant Approval: \_\_\_\_\_ Date: \_\_\_\_\_

4) Description: \_\_\_\_\_

Applicant Approval: \_\_\_\_\_ Date: \_\_\_\_\_



SEE NVE DETAILS SUB01X, TE001U, AND TE0003U FOR SPECIFIC NOTES AND ADDITIONAL REQUIREMENTS.



**NV ENERGY TO FURNISH AND/OR INSTALL:**

- APPROX. 895 CKT. FT. 30' O/H PRIMARY C/O 3-#2 ACSR W/ 1-#2 ACSR
- APPROX. 263 CKT. FT. 25 KV 30' U/G PRIMARY C/O 3-1/0 CABLE IN 263' OF NEW 1-4" (CONDUIT BY APPLICANT)
- APPROX. 221 CKT. FT. U/G SERVICE CABLE TO 1-800AMP PANEL C/O 2- RUNS OF 750 QX IN 2-4" C/W 1-4" C SPARE. (CONDUIT BY APPLICANT)
- APPROX. 25 CKT. FT. 2/0TX FOR 10 O/H SERVICE TO 200 AMP PANEL 120/240V.
- 1 - 10' TEMPORARY 25KVA O/H TRANSFORMER, 14.4/24.9KV, 120/240V, STK# 80-151.
- 1 - 30' PDM LOAD BREAK TRANSFORMER 300 KVA, 24.9KV/14.4KV, 277/480V, STK# 86-6512.
- 5 - 50' FULL TREATED WOOD POLES.
- 6 - ANCHORS C/O 1"R, 20'L AND 2 - 3/8" E.H.S. DOWN GUYS.
- PRIMARY RISER MATERIAL TO CONSIST OF STAND OFF BRACKETS AND LAG SCREWS ONLY. (ALL RISER CONDUIT SUPPLIED BY APPLICANT.)

**APPLICANT TO FURNISH AND/OR INSTALL:**

- 1 - 30' TRANSFORMER PAD 72" x 60" x 8" PER NVE. STD. PE0003U. 75-300KVA. (SEE VOLUME 17 SECTION 6 PE0003U).
- 1 - 504 CABLE VAULT 50" x 50" x 48" I.D. WITH LID "A" PER NVE. STD. #VB0065U. \* (LID "A" H-10 RATED, LID "B" H-20 RATED EQUIPMENT, LID "B-1" H-20 RATED 3' MANHOLE)
- 1 - 557 CABLE VAULT 49" x 79" x 61" I.D. WITH LID "A" PER NVE. STD. #VB0071U. \* (LID "A" H-10 RATED, LID "B" H-20 RATED EQUIPMENT, LID "B-1" H-20 RATED 3' MANHOLE,
- PROPOSED APPROX. 263 FT. 4" PVC PRIMARY CONDUIT.
- PROPOSED APPROX. 618 FT. 4" PVC SERVICE CONDUIT.

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. STD. #95-7305) NEPTCO "MULE TAPE" (WP400P) CONDUX INTERNATIONAL (08096203) SEE NVE VOLUME 17, SECTION 4-CD0001U.

ALL SECONDARY CONDUIT TO BE 4" MINIMUM. ALL SERVICE CONDUIT TO BE 4" MINIMUM.

ALL CONDUIT TO BE A MINIMUM DB120 PVC GRAY BELOW GROUND. (ABOVE GROUND RISER CONDUIT TO INCLUDE: SCH 80 SWEEP, 10' OF SCH 80, 2 - 10' SECTIONS OF SCH 40 AND BOLT-ON WEATHER HEAD. SWEEP AND RISER MATERIAL MUST BE OF LIKE KIND, STEEL OR PVC)

NOTE: ALL CONDUIT INSTALLATIONS BENEATH FOUNDATION AND SLABS TO BE RIGID STEEL OR CONCRETE ENCASED PER NVE STD. CDD003U.

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

ALL STAKING REQUIREMENTS PER NVE. STD. G10001U/G/W AND G10002U.

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

INSTALLATION OF U/G ELECTRIC FACILITIES IN RESIDENTIAL SUBDIVISIONS PER NVE. STD. RU0005U. RETAINING WALL REQUIREMENTS PER NVE. STD. TE0040U.

OVERHEAD ELECTRIC, APPLICANT OWNED, SERVICE POLE PER NVE. STD. CP0001U.

PRIMARY RISER RISER MATERIAL C/O 4" MINIMUM DB-12 SWEEP, 10' OF 4" SCHEDULE 80 CONDUIT AND 35' OF SCHEDULE 40 CONDUIT. STAND-OFF BRACKETS AND LAG SCREWS BY NVE. (NVE TO INSTALL 30' OF SCHEDULE 40 CONDUIT ONLY.) TRAFFIC AREAS SHALL BE GALVANIZED RIGID STEEL FOR FIRST 10' OF RISER. SWEEP AND RISER MATERIAL MUST BE OF LIKE KIND, (STEEL OR PVC)

8" x 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 CONDUITS AT THE SAME TIME AS MAIN LINE INSTALLED PER NVE STD. VOLUME 17. (TE0020U)

**GENERAL COMMENTS:**

CALL NVE INSPECTION REQUEST LINE (775)834-7520 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 FOR 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. STD. CI0001U OR US0001U OR OS0001U FOR FURTHER CLARIFICATION OF DENSITY AND COMPACTION TESTS REQUIRED PER NVE. STD. SUB01X.

NO TREE SHALL BE PLANTED UNLESS 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: 08/07/2023

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: <https://www.nvenergy.com/business/building-and-new-construction-north>

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 ACCURACY 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.

DO NOT OPEN NV ENERGY EQUIPMENT. NV ENERGY EQUIPMENT TO BE OPENED BY QUALIFIED NV ENERGY EMPLOYEES ONLY.

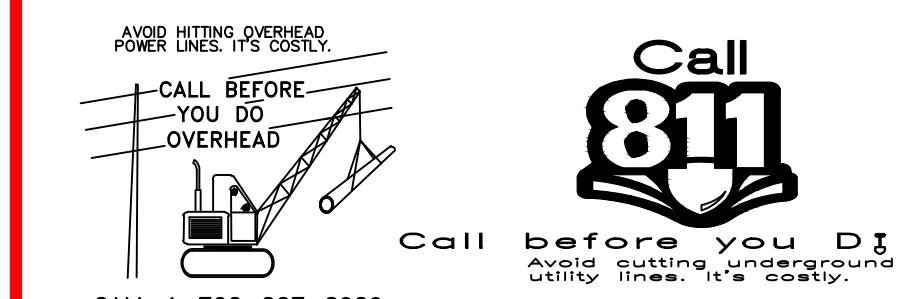
DRAWING DESIGNED BY DATE  
BASE Jasmin, Irene 09/12/2023  
ELECTRIC Jasmin, Irene 03/14/2024  
GAS:

REVIEWED BY:

Utility Designer Engineer Design Administrator Design Facilitator

JN JB

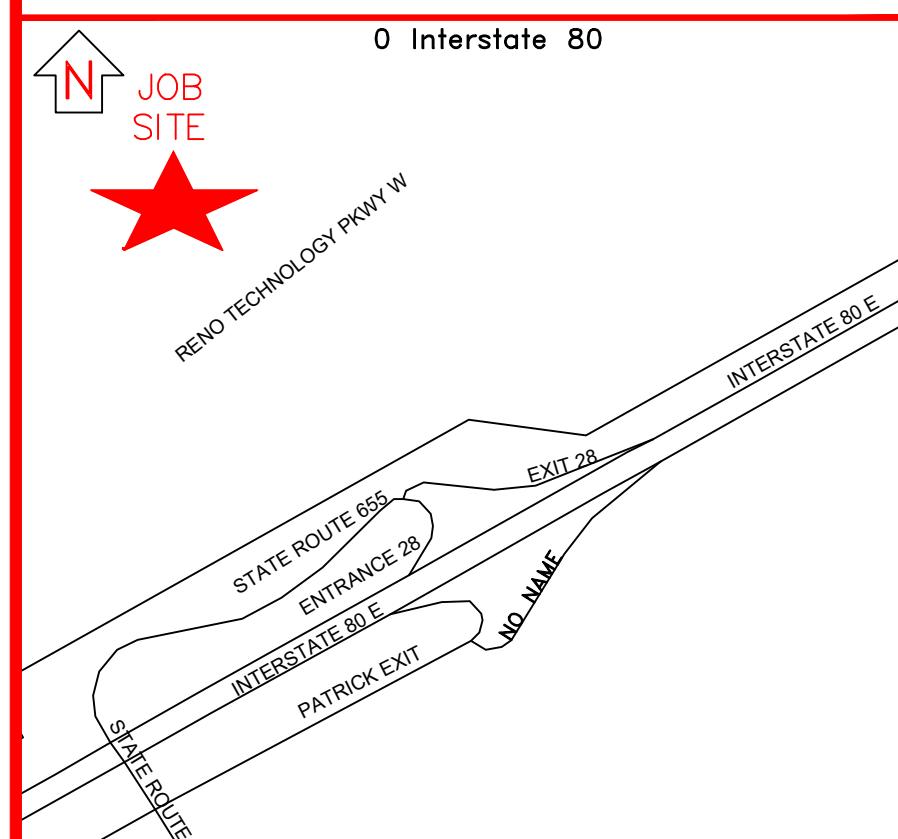
| NO. | REVISION | DESCRIPTIONS | DATE | DI |
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| 4   |          |              |      |    |
| 5   |          |              |      |    |
| 6   |          |              |      |    |
| 7   |          |              |      |    |



**NV ENERGY CONTACT INFORMATION:**  
COORDINATOR: JASMIN, IRENE  
OFFICE: # (775)834-7768  
CELL: # (775) 229-5886  
FAX: #  
EMAIL: Irene.Jasmin@nveenergy.com  
DESIGNER: JASMIN, IRENE  
INSPECTION HOTLINE: # 775-834-7520

**CUSTOMER CONTACT INFORMATION:**  
CUSTOMER: TRUCKEE MEADOWS FIRE & RESCUE  
ATTENTION: Charlie Moore  
PHONE: # 775-326-6000  
FAX: #  
EMAIL: cmoore@tmfpd.us

TOWNSHIP-RANGE-SECTION 2022-31 APN# 08419108  
  
**SOURCE INFORMATION:**  
226 25 KV NORM OUT OF PATRICK SUB  
  
0 Interstate 80



**E-TRUCKEE MEADOWS FIRE & RESCUE FIRE**  
**STATION-FP-COMM-E-TRUCKEE MEADOWS FIRE & RESCUE**

EXHIBIT "A" APPLICANT INSTALLED CONDUIT ELECTRIC DESIGN  
SCALE: 1"50'  
AUD#: 3011013952  
ELE#: 301013952  
GAS#:

**SHEET#:** E1 of 1