

PRELIMINARY
NV ENERGY
NOT FOR CONSTRUCTION

(E) CV75094



PANEL SPECIFICATION SUBMITTALS REQUIRED

CREW NOTE:
UPGRADE VFI SETTING FOR OSI-724 'D' POSITION TO250TF

CAUTION:
ENERGIZED EQUIPMENT IN THIS AREA. NV ENERGY PERSONNEL TO BE ON SITE DURING EXCAVATION

NOTE:
THREE PHASE TRANSFORMERS AND EQUIPMENT (SWITCHES) WILL HAVE A 10 FOOT LONG BY THE PAD WIDTH, FLAT LEVEL SURFACE IN FRONT OR 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.

WARNING:
ALL TRANSFORMERS MUST BE INSTALLED WITH A MINIMUM OF 10 FEET OF CLEARANCE IN ANY DIRECTION FROM ANY COMBUSTIBLE BUILDING SURFACE AND A MINIMUM OF 3 FEET OF CLEARANCE IN ANY DIRECTION FROM ANY NON-COMBUSTIBLE BUILDING SURFACE. THIS DRAWING MAY NOT BE TO SCALE, A SITE MEASUREMENT IS REQUIRED. REFER TO NVE STANDARD "PE0010U" IN VOLUME 17 SECTION 6 FOR FULL TEXT.



NV ENERGY TO FURNISH AND/OR INSTALL:

- APPROX. 240 CKT. FT. 25 KV 3Ø U/G PRIMARY C/O 3-1/0 CABLE IN 240" OF NEW 1-4" (CONDUIT BY APPLICANT)
- APPROX. 100 CKT. FT. U/G SERVICE CABLE TO 1 - 1000AMP PANEL C/O 2-750 QX IN 2-4" (WITH 1-4 "C SPARE) (CONDUIT BY APPLICANT).
- 1 - 3Ø PDM LOAD BREAK TRANSFORMER 150 KVA, 24.9GDY/14.4KV, 2Ø8/12ØV, STK.#86-6302

APPLICANT TO FURNISH AND/OR INSTALL:

- 1 - 3Ø TRANSFORMER PAD 72"x60"x8" PER NVE. STD. PE0003U. 75-300KVA).
 - PROPOSED APPROX. 240 FT. 4" PVC PRIMARY CONDUIT.
 - PROPOSED APPROX. 300 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. STK.#95-7305)
 - NEPTCO "MULE TAPE" (WP400P)
 - CONDUX INTERNATIONAL (Ø8096203)
 - SEE NVE VOLUME 17, SECTION 4-CD0001U.

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 STDS. CD0003U.
 ALL TRENCHING AND BACKFILL PER APPLICABLE NVE. STDS. TE0001, TE0003, TE0004 AND TE0020.
 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.
 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:

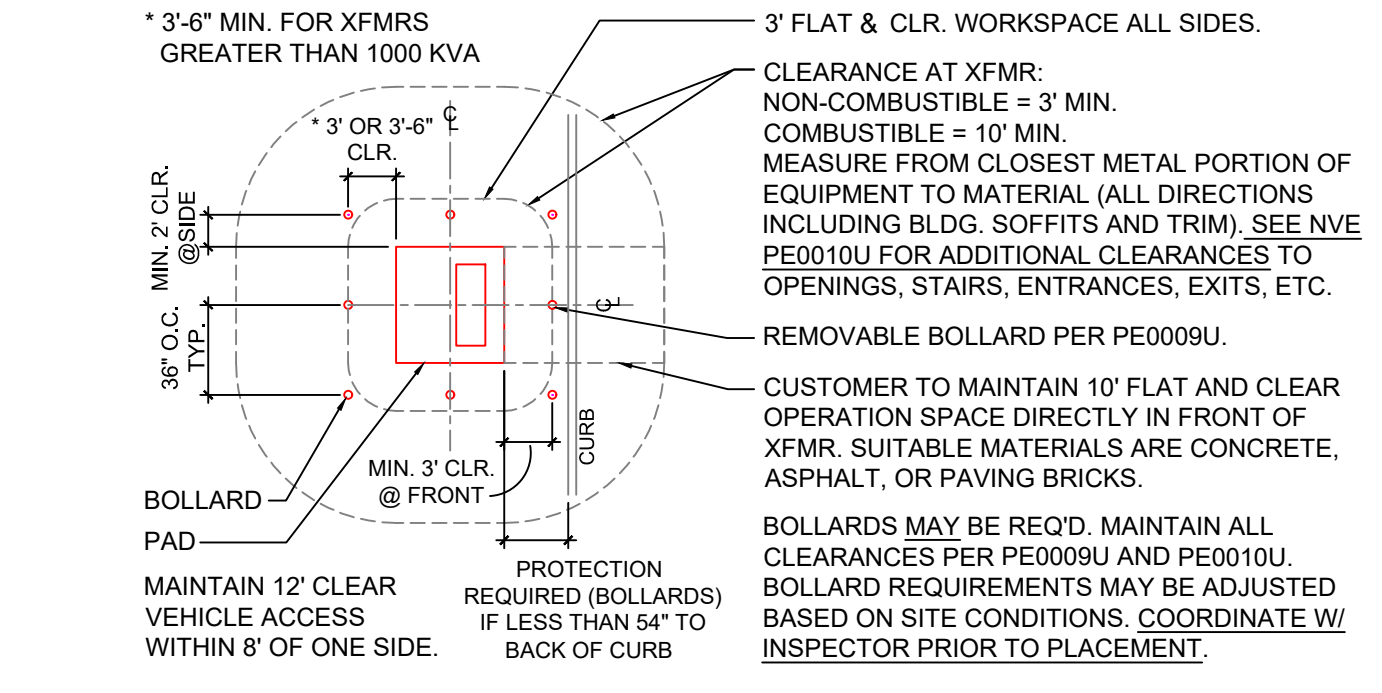
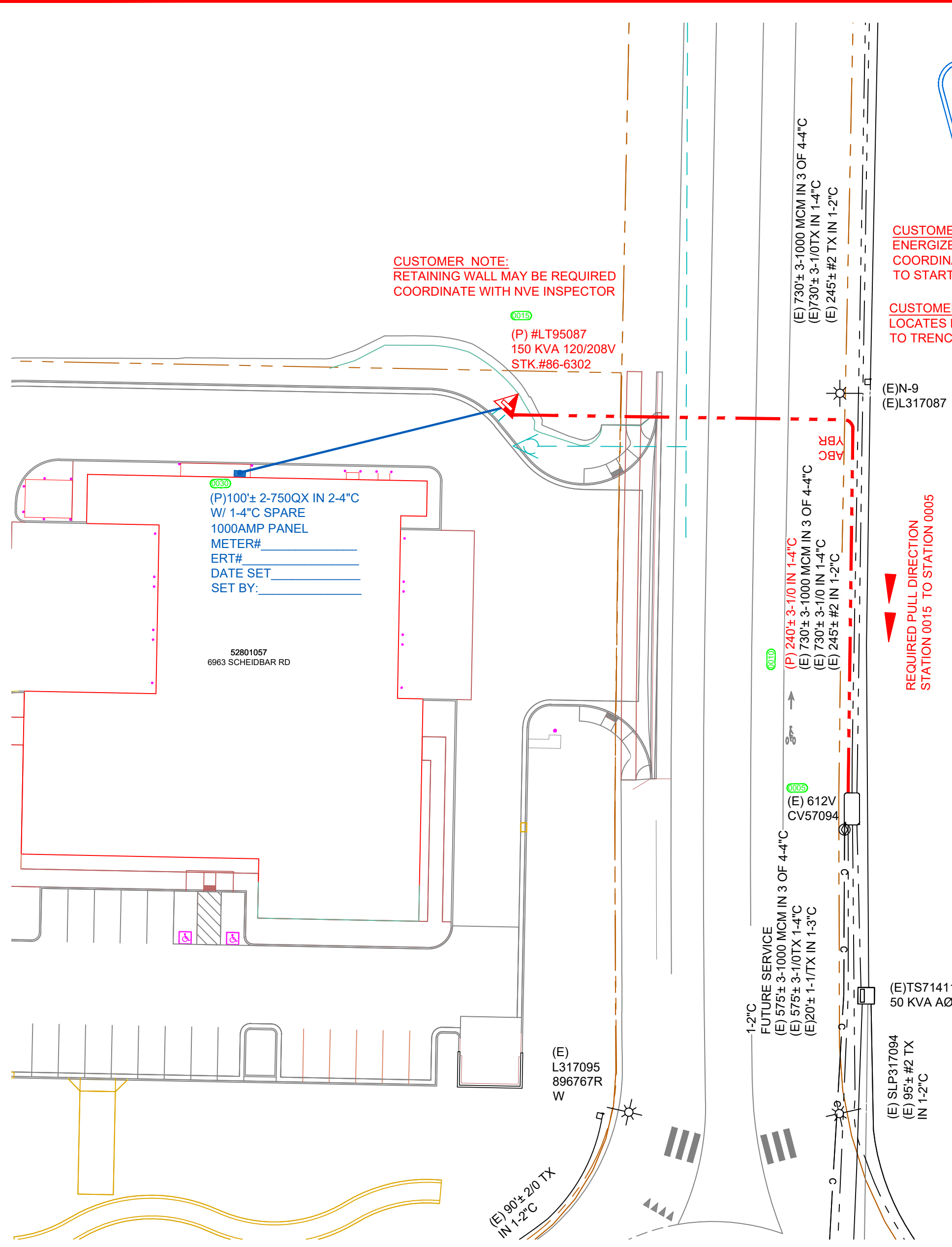
CALL NVE INSPECTION REQUEST LINE (775)834-7520 48 HOURS PRIOR TO START OF ALL OVERHEAD OR UNDERGROUND CONSTRUCTION. (INCLUDE PROJECT NUMBER, NAME AND PHONE NUMBER, AND TYPE OF INSPECTION REQUIRED)
 METER PANELS ARE TO BE LABELED IN ACCORDANCE WITH NVE. STD. GM0001M SEC. 5.3
 VAULTS, TRANSFORMERS AND 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 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. US0001M 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: (4/12/23)
 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 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.

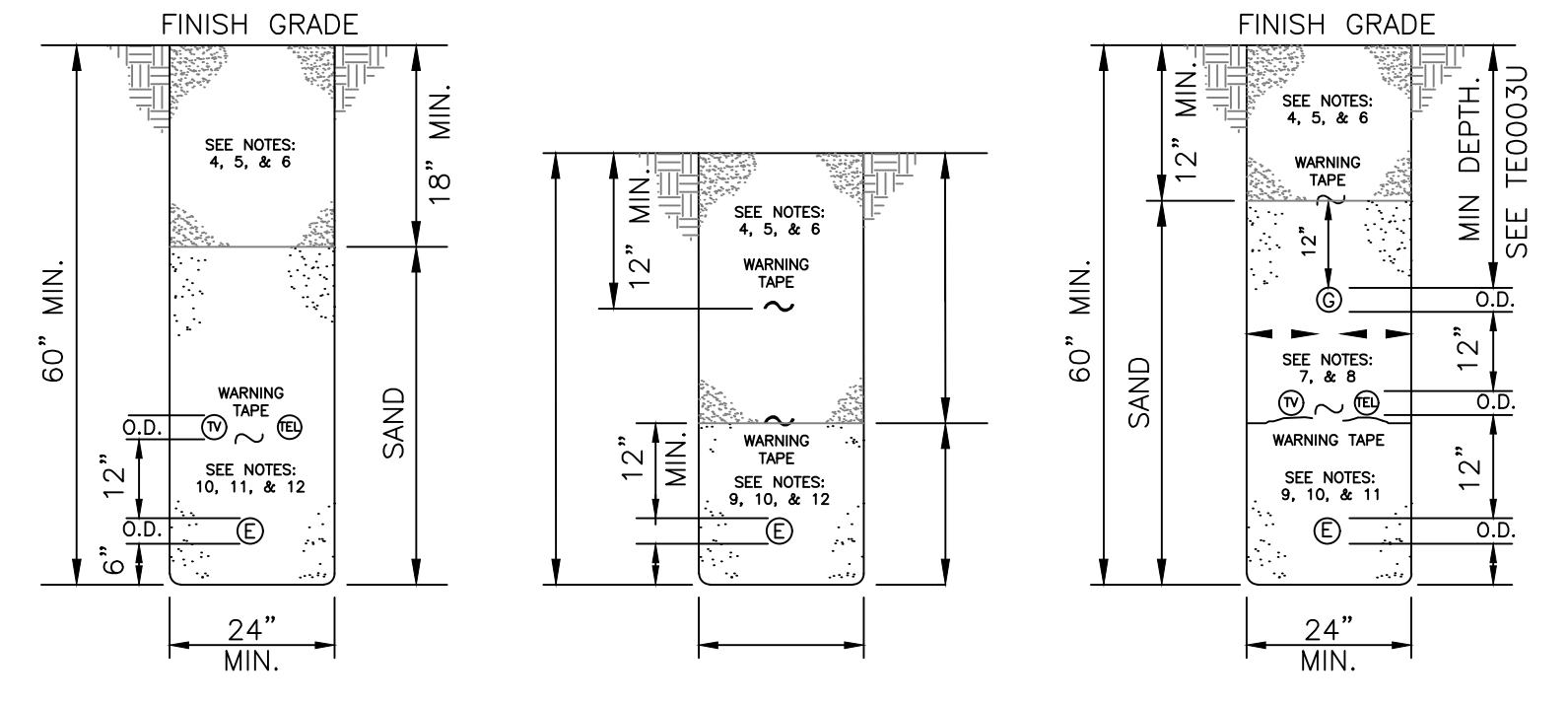
DO NOT OPEN NV ENERGY EQUIPMENT. NV ENERGY EQUIPMENT TO BE OPENED BY QUALIFIED NV ENERGY EMPLOYEES ONLY.

BOLLARDS MAY BE REQUIRED, COORDINATE WITH NVE INSPECTOR PRIOR TO INSTALL

MANUFACTURED FREESTANDING OUTDOOR SWITCHBOARD TO BE PLACED ON HOUSE KEEPING PAD PER VOL 17 STD. SB0001M

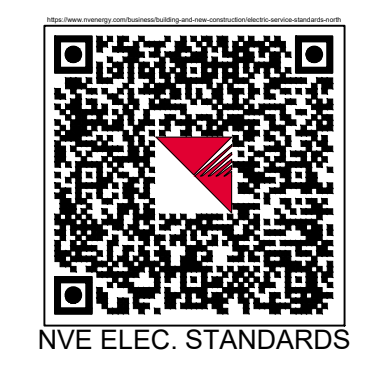


TRANSFORMER DETAIL
TRANSFORMER CLEARANCES
NTS



TYP MAIN TRENCH PRIMARY OR SECONDARY
TYP SEC/SVC TRENCH DETAIL
TYP SERVICE JOINT TRENCH DETAIL
NTS

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



DRAWING	DESIGNED BY	DATE
BASE	JACKIE ARANA	6/30/2023
ELECTRIC	JACKIE ARANA	
GAS		

REVIEWED BY:			
Utility Designer	Engineer	Design Administrator	Design Facilitator
JA CA		JB	

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

Call 811
Call before you Dig
Avoid existing underground utility lines. It's safety.
CALL 1-702-227-2929

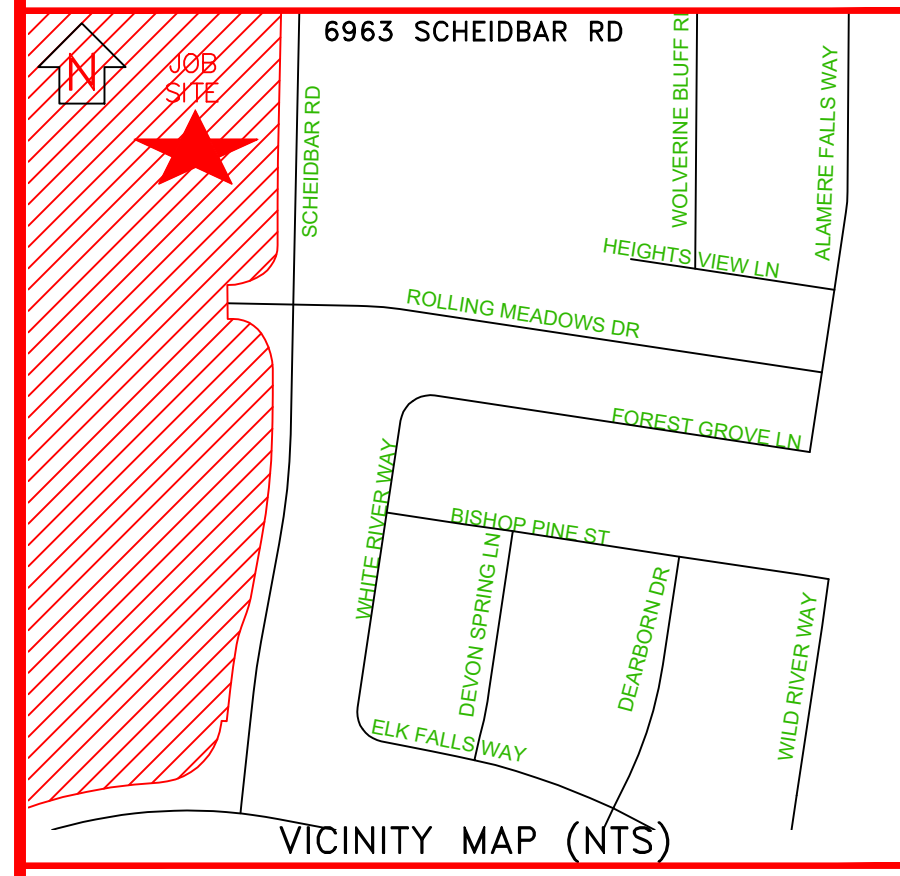
NV Energy
P.O. Box 10100
R77CSE
Reno, NV. 89520-0024

NV ENERGY CONTACT INFORMATION:
 COORDINATOR: JACKIE ARANA
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 CELL: # (775)-230-8152
 FAX: # (775) 834-7305
 EMAIL: Jackie.Arana@nvenergy.com
 DESIGNER: JACKIE ARANA
 INSPECTION HOTLINE: # 775-834-7520

CUSTOMER CONTACT INFORMATION:
 CUSTOMER: SR 95-BELVEDERE LLC
 ATTENTION: Jon Ericson
 PHONE: # 775-353-4083
 FAX: #
 EMAIL: bcason@cityofsparks.us
 CUST REP: #
 PHONE: # 775-412-7699
 EMAIL: bcason@cityofsparks.us

TOWNSHIP-RANGE-SECTION 2020-11	APN# 52801057
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SOURCE INFORMATION
275
24.9 KV NORM OUT OF SPANISH SPRINGS SUB



E-6963 SCHEIDBAR RD-FP-COMM-E-SR
95-BELVEDERE LLC

EXHIBIT "A" APPLICANT INSTALLED CONDUIT ELECTRIC DESIGN

SCALE: 1"=30'

SHEET#: E1 of 1

ELE#: 3010926562
GAS#: AUD#: 3010926562