PSE GENERAL SPECIFICATIONS

General

- All work is to be completed per PSE Standards & Practices. Copies of all PSE Standards are available upon request.

- Work sites shall be kept clear of debris and all construction materials, equipment and packing shall be removed daily.

- Return all unused and removed poles, transformers and hardware to PSE, storeroom. All copper shall be coiled and returned the day it is removed from the poles. Remove all unused pins and insulators.

- Return all Street lights, area lights and floodlights.

- All fault indicators will be maintained in their current location on the 1/0 cables upon completion of the job. If it is noted to remove any of the indicators they shall be returned to local PSE first response department for re-issue.

Preconstruction

- Notify appropriate city, County or DOT authorities 48 to 72 hours, or as required by

permitting agency, in advance of starting work in Right-of-way involving a Permit. - All system switching shall be approved by **System Operations (425-882-4652)** a minimum of 48 hours in advance.

- Notify customers of all outages 48 hours in advance.

Work Drawings & Documents

- Field design changes shall be approved by Project Manager or Engineer.

- Mark all field changes, equipment ID numbers and Underground cable information in red on Foreman's copy of work sketch.

- Return one Foreman's copy of work sketch to Project Manager at completion of job. - When permits are required, a copy shall be available on work site at all times.

Refer to PSE standards 6275.9050 for personal protective grounding requirements.

- Refer to PSE standards 6275.9150 for vehicle grounding and barricading requirements.

- Proper line clearances shall be taken at the beginning, and released at the end, of each work day, or as otherwise instructed by the System Operator.

Traffic /Pedestrian control notes

- Utilize flagging and other vehicle traffic control as necessary and in conformance with local traffic regulations.

-The uniform code of traffic control shall be adhered to at all times...

-Provide signs, barricades, and traffic control in conformance with local permit regulations. -Provide route for pedestrians when working on or near sidewalks.

-Maintain traffic flow as required by permitting agency.

NOTE: Completely rebuild terminations. EXCEPTION: DO NOT REPLACE CUTOUTS UNLESS THEY ARE THE OLDER "BOX TYPE" OR 50 AMP "TRIP LINK" TYPE CUTOUT. REPLACE J-BOXES IF REQUIRED. UTILIZE FEED-THRU T.U.T.S AND REMOVE J-BOXES IF POSSIBLE. REPLACE ALL TRANSFORMER JUMPERS WITH NEW 1/0 JACKETED CABLE.

UNDERGROUND CONSTRUCTION

Additional notes to standards.

-Erosion control must be placed before construction starts. Silt bags must be installed in downstream catch basins.

Existing Utilities:

Hand excavate (pothole) all marked utility crossings to verify exact location and depth at point of crossing. Protect underground utilities during excavation. Use hand excavation methods if necessary to avoid damage to existing utilities. Fabricate and install adequate temporary structures to support and protect underground utilities while exposed during construction.

Maintain 6" minimum clearance at crossings between existing utilities and new duct installations. Transition trench or tunnel profile gradually as required at crossings. Maintain 24" minimum separation between new trench or tunnel and parallel existing utilities or as required by the permit agency.

Excavation

- Trenching outside of the Right-of-way shall be of sufficient depth to provide a minimum of 36" of cover for primary conductors and 24" of cover for secondary conductors.

- Road crossings and all trenches within the Right-of-way shall be of sufficient depth to provide a minimum of 36" of cover for all conductors or as required by the permitting Agency. - No rocks larger than 8" shall be included in backfill.

- Back fill in road crossings and within the Right-of-way shall be compacted to 95% density or as required by the permitting Agency.

- Restore all excavated areas to original condition.

Vaults & Hand holes

- Refer to PSE standard 6775.0040 "Vault and Hand hole Installation"

- Vaults shall be placed level and 2" above final grade in landscaped areas and flush with

- final grade when placed in hard surface areas. - A minimum 6" bed of 5/8" crushed rock shall be placed under all vaults.
- All conduit entrances shall be grouted.

Conductors & Conduit

- Refer to PSE standard 6800.6000 "PVC Conduit Installation".
- Unless splices are called for, or otherwise noted or approved, conduit risers shall be

plumbed directly to road crossing conduits. - Install insulating caps on all unused primary bushings.

- Civil crew to install Conduit plug on each end until new cable to be installed.
- All "spare" conduits shall be capped at each end.

Surface Restoration

Restore ground surface to original contour and original condition or better. Restore asphalt and concrete in accordance with requirements of local permitting agency. Cold patch or plate trench when necessary. Leave area in its original state or better at the end of construction. **OVERHEAD APPARATUS**

"When performing planned work on a pole with an existing transformer or device, the Service Provider will change out **bolted connectors** to **pressed connectors**". Use unit 1-3A to charge time.

If you are working on a pole with the pole ground connected with a hot tap, replace it. If the transformer has split bolts on the secondary neutral or services, replace them. If the primary neutral is connected with a hot tap, replace it. If the transformer bank has a 2-bolt connector on the neutral bus, replace it.

ABANDONING PRIMARY CABLES PSE std. 6825.6200

| In a Vault if the cable is | |
|--------------------------------------------|----------|
| In conduit, | -Remo |
| Not in conduit or it cannot be pulled out, | -Cut the |

In a Minipad hand hole

In conduit, Remove the cable Not in conduit or it cannot be pulled out, the cable stub.

At Risers if the cable is

In Conduit

Direct buried or it cannot be pulled out, -Cut off the cable at the top of the riser. Install a cap on the tail. -When practical, attach the old cable number to the cable stub. and the pole will remain.

DIRECT BURIED Direct buried or it cannot be pulled out and the **pole will be replaced**

DIRECT BURIED Direct buried or it cannot be pulled out

and the pole will be removed

NOTE: If the pole is to be replaced, remove the abandoned riser and elbow, and stand off brackets (unless they support other conduits) **NOTE:** If the riser is made of transite material, it shall be removed following procedures in standard 0100.5000,

Transite Pipe Removal and Disposal." -Remove (not abandon) aboveground transite riser when it is encountered in the field. Belowground transite may be left in place and backfilled. (Transite is a mixture of asbestos and cement. It is nonmetallic, flame-retardant, and resistant

to moisture, low temperature, and corrosive agents). -For removal use an approved certified abatement contractor. Call the Environmental Services Department 24-hour pager (206-994-3186) to have a contractor dispatched.

Procedure to Abandon Primary Cables:

1. Call the Systems Operator to request a clearance.

- 3. Obtain a clearance from the Systems Operator on the cable to be abandoned.
- 4. Cut the ends of the cable.
- 5. The cable number tag may be left on the abandoned cable. **NOTE:** The cable number shall **not** be reused.
- 6. Call the Systems Operator and release the clearance.
- 7. Remove all "Danger Do Not Operate" tags 8. The System Operator will then close the O# (Operations number).

Existing System:

Maintain existing electrical system in service until new system is complete, tested, and ready for service. Disable existing system only to make cutovers and connections as directed by PSE System Operator.

SCOPE OF WORK means possible using replacement, or abandonment.

The project involves replacing existing electrical cables in new conduit.

Project type : Planned Project location : 61 THORP HWY S, ELLENSBURG, WA 98926

Number of Cables : 2 Cable Footage Estimated : 949' Cable Numbers Injected : 0 Cable Numbers Repaired : 0 Cable Numbers Abandoned : 0 Cable Numbers Replaced : E901, E900

Trench Footage Estimated : 949'

There will be an advance notice provided by the contractor manage access.

Traffic Revisions

hours.

For more information on the project 24-hour project information (888) 471-7339, (360) 825-5236

INDEX

PAGE 1 - GENERAL NOTES PAGE 2 - SITE PLAN, PRE/POST-CONSTRUCTION UNDERGROUND MAPS PAGE 3 - PRIMARY CABLE & CONDUIT DIAGRAMS, EXISTING CABLE MAPPING

- Refer to PSE standards 6275.3000 and 6275.6000 for system ground requirements.

ove the cable

he cable off approximately one foot from the vault wall. Install a cap on the tail.

When practical, attach the old cable number to the cable stub.

-Cut the cable off as much as practical. Install a cap on the tail. -When practical, attach the old cable number to

-Stuff the tail into the bottom of the

handhole. Be sure the new cables are not trapped by the old cables or the concentric

neutrals.

-Remove Cable

-Remove the riser

-Cut off old cable just below grade. -Re-fill ground back to existing grade.

-Cut off the cable just below grade.

2. Follow the directions to ensure the cable is de-energized, apply proper tags as specified in Standard Practice 0201.1011, "Switching and Clearances Handbook," and report back to the Systems Operator.

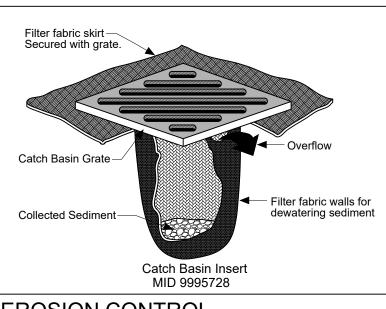
The general scope of this project is to remediate primary cables within the project area by the most economic

24-hour advance notice of no parking in work areas. Access will be maintained to all residences and their driveways. When work is occurring directly in front of driveways, the contractor will work with the residence to

Flagging crews will maintain one lane; flaggers will assist vehicles alternating through the roadway during work

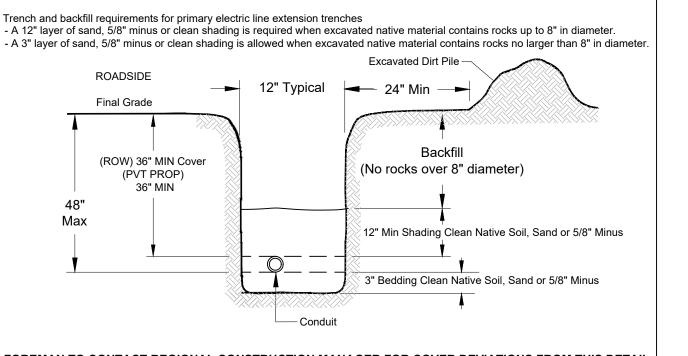
EROSION & SEDIMENT CONTROL REQUIREMENTS

0150.3200 TECHNIQUES FOR TEMPORARY EROSION & SEDIMENT CONTROL & ANY ADDITIONAL LOCAL JURISDICTION REQUIREMENTS.

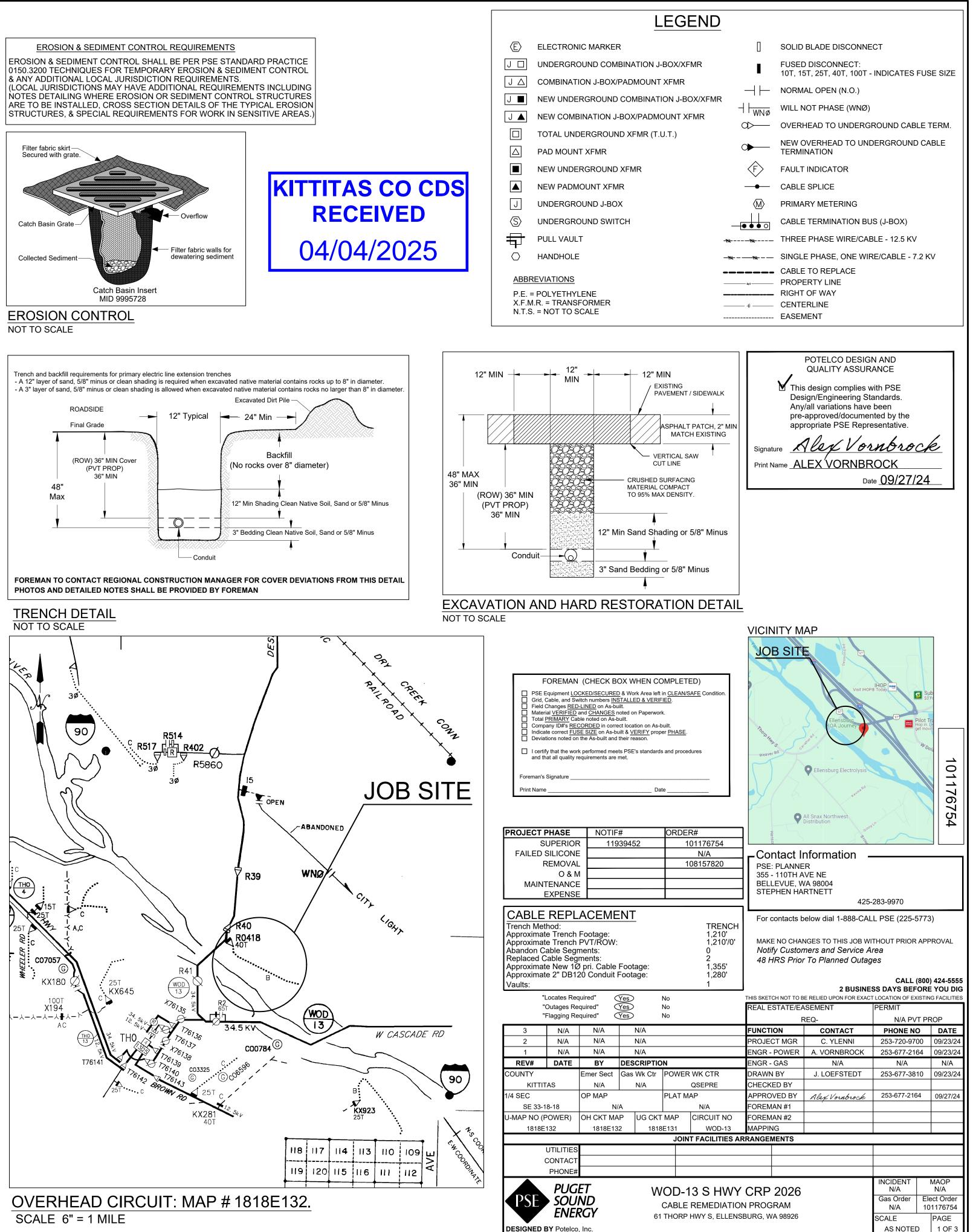


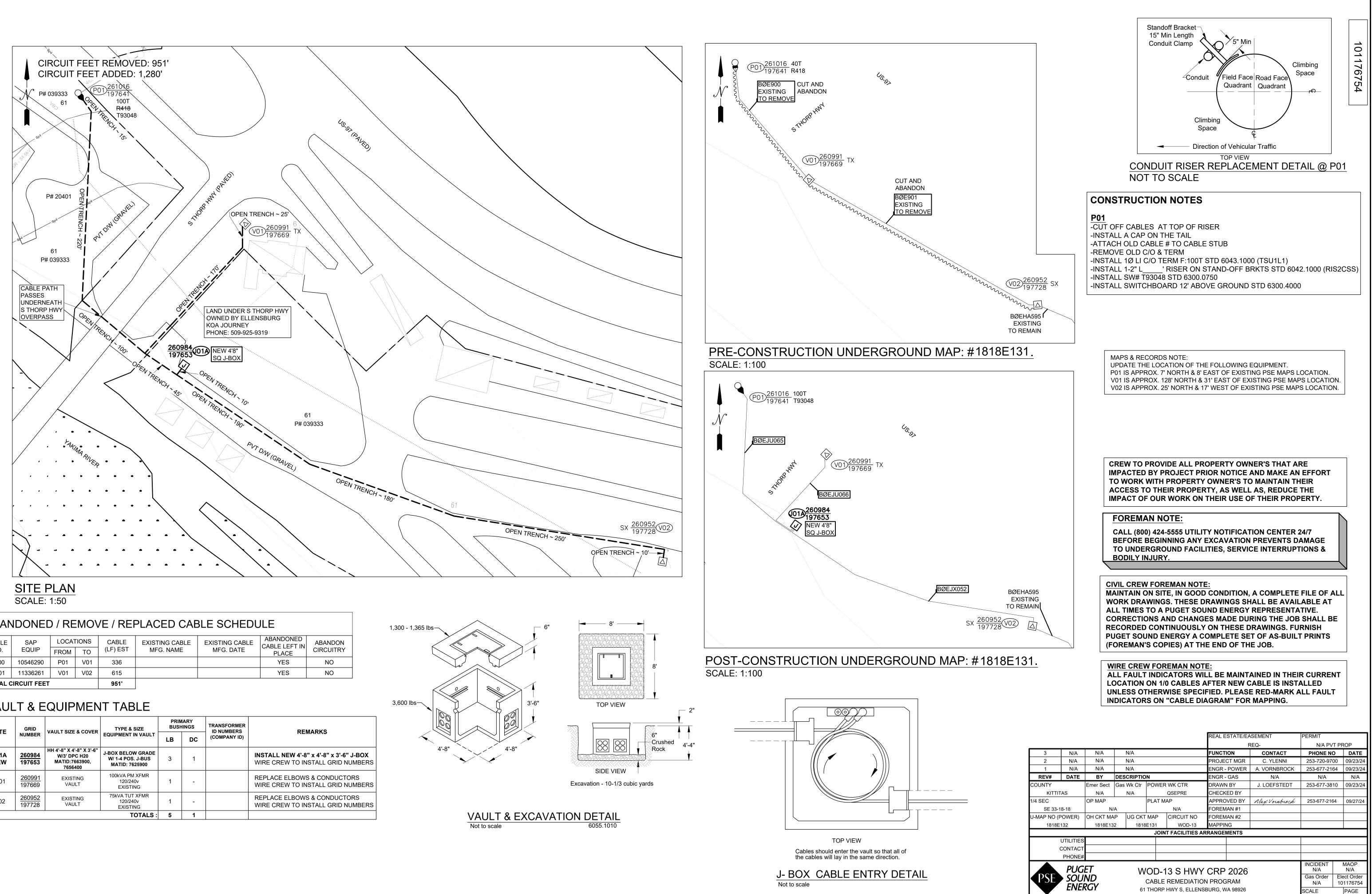
RECEIVED 04/04/2025











ABANDONED / REMOVE / REPLACED CABLE SCHEDULE

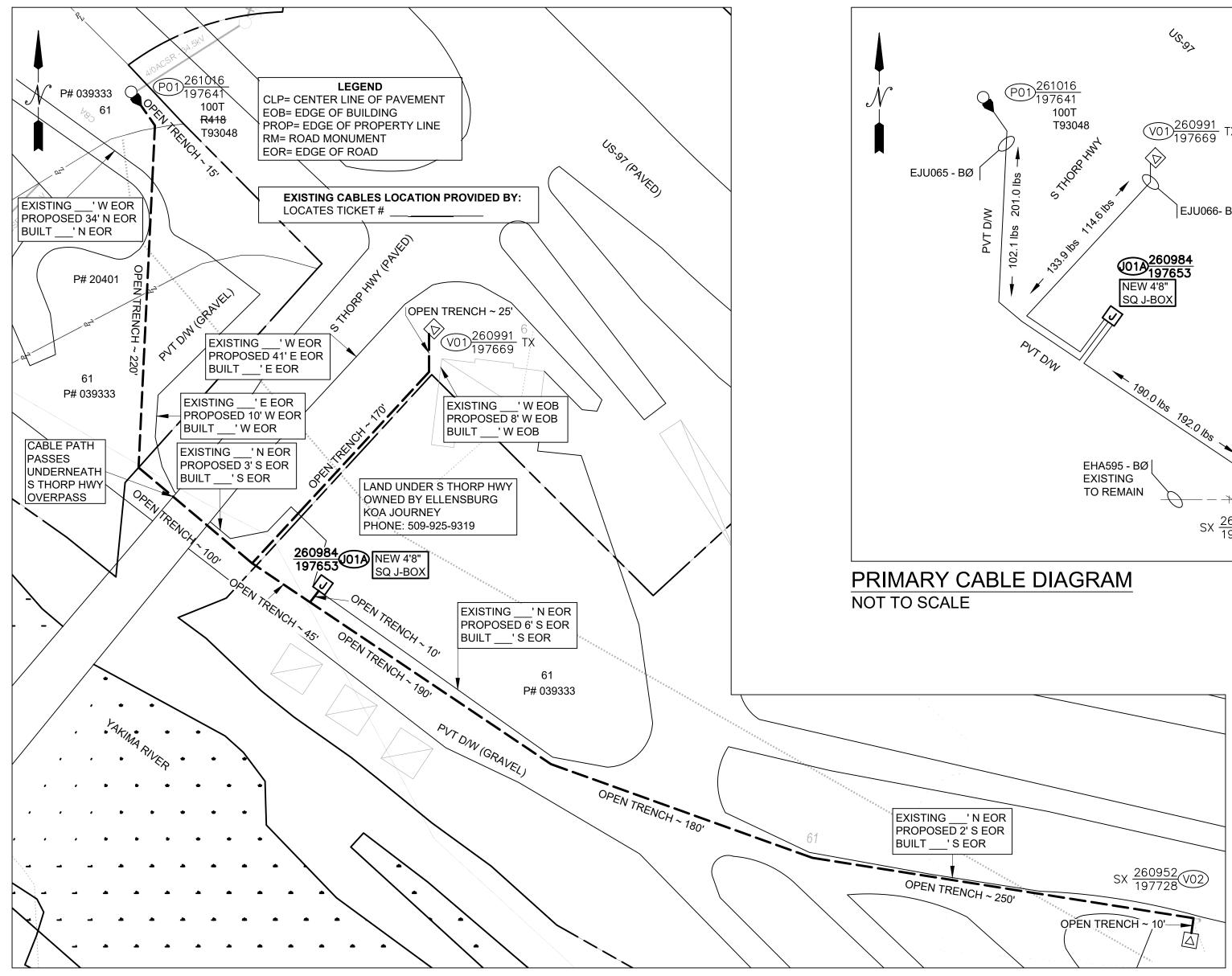
| CABLE SAP | | LOCAT | FIONS | CABLE | EXISTING CABLE | EXISTING CABLE | ABANDONED | ABANDON CIRCUITRY | |
|-----------|--------------|-------|-------|----------|----------------|----------------|-----------|----------------------|--|
| NO. | NO. EQUIP | | то | (LF) EST | MFG. NAME | MFG. DATE | PLACE | | |
| E900 | 10546290 | P01 | V01 | 336 | | | YES | NO | |
| E901 | 11336261 | V01 | V02 | 615 | | | YES | NO | |
| TOTAL C | CIRCUIT FEET | | | 951' | | | | | |

VAULT & EQUIPMENT TABLE

| SITE GRID NUMBER | GRID | VAULT SIZE & COVER | TYPE & SIZE | | IARY IINGS | TRANSFORMER ID NUMBERS | REMARKS | |
|---------------------|-------------------------|-----------------------------------------------------------------------|----------------------------------------------------------|----|---------------|---------------------------|------------------------------------------------------------------------------|--|
| | VAULT SIZE & COVER | EQUIPMENT IN VAULT | LB | DC | (COMPANY ID) | REWARAS | | |
| J01A NEW | <u>260984</u> 197653 | HH 4'-8" X 4'-8" X 3'-6" W/3' DPC H20 MATID:7663900, 7656400 | J-BOX BELOW GRADE W/ 1-4 POS. J-BUS MATID: 7625900 | 3 | 1 | | INSTALL NEW 4'-8" x 4'-8" x 3'-6" J-BOX WIRE CREW TO INSTALL GRID NUMBERS | |
| V01 | <u>260991</u> 197669 | EXISTING VAULT | 100kVA PM XFMR 120/240v EXISTING | 1 | - | | REPLACE ELBOWS & CONDUCTORS WIRE CREW TO INSTALL GRID NUMBERS | |
| V02 | <u>260952</u> 197728 | EXISTING VAULT | 75kVA TUT XFMR 120/240v EXISTING | 1 | - | | REPLACE ELBOWS & CONDUCTORS WIRE CREW TO INSTALL GRID NUMBERS | |
| | | | TOTALS : | 5 | 1 | | | |

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AS NOTED 2 OF 3



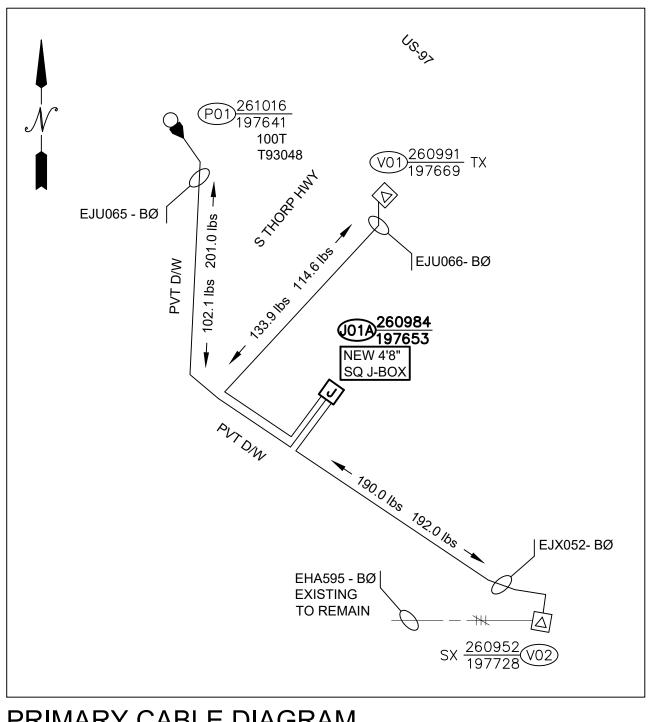
EXISTING CABLE MAPPING SCALE: 1:50

PRIMARY CABLE & CONDUIT TABLE (FOREMAN TO COMPLETE)

| LOCA | TION | | | | | | CONDU | IT | | | | | | PRIMARY CABLE | | | | | | QTY OF LUBE | | | |
|------|------|------|-----|--------|--------|-------|-------|--------|----|---------|-------|-------|------------|---------------|---|-------------|----|-------------------------|------|-------------|------|----------------------------|---------|
| FROM | то | SIZE | | DESIGN | ACTUAL | | TYPE | | E | BENDS | PULL | PULL | | DESIGN ACTUAL | | CABLE NUMBE | RS | MANUFACTURING INFORMATI | ION | | | ble Only (gal.) ble box | REMARKS |
| TROM | 10 | (in) | GII | (ft) | (ft) | DB120 | HDPE | SCH 80 | 90 | 45 22 1 | (lhs) | | SIZE | (ft) (ft) | A | В | С | MANUFACTURER COMPOUND | YEAR | TAPE | CN | #4/0 NEU DESIGN AS BUILT | |
| P01 | J01A | 2 | 1 | 390 | | | | | | | 102.1 | 201.0 | 1/0 AL JKT | 435 | - | EJU065 | - | | | | | 1.3 | |
| J01A | V01 | 2 | 1 | 250 | | | | | | | 114.6 | 133.9 | 1/0 AL JKT | 265 | - | EJU066 | - | | | | | 0.8 | |
| J01A | V02 | 2 | 1 | 640 | | | | | | | 192.0 | 190.0 | 1/0 AL JKT | 655 | - | EJX052 | - | | | | | 2.1 | |
| | ΤΟΤΑ | L 2" | • | 1,280' | | | | | | | | TOTAL | 1Ø | 1,355' | | | | | | | ΤΟΤΑ | LLUBE 4.2 | |

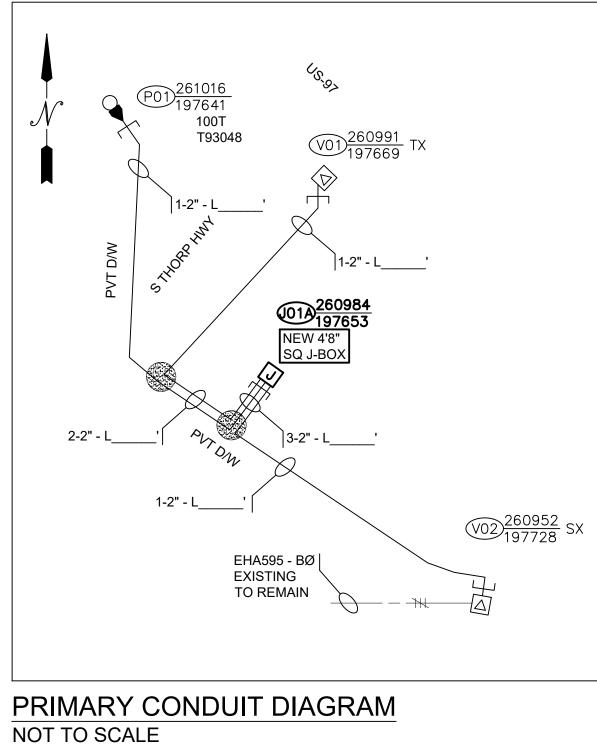
CIVIL CREW NOTE: ALL 2" - 90° BENDS MIN 48" RADIUS SCH-80 PVC ALL 2" - 45° BENDS SCH-80 PVC

> - ALL CONDUITS SHALL BE CAPPED AT EACH END UNTIL CABLE IS INSTALLED





| VOLUME OF DISTURBANCE TABLE | | | | | | | | | | |
|------------------------------------------|-------------|---------------------------|--------------|---------------------|-----------------------------|-------------------------|---------|--|--|--|
| TYPE | DESCRIPTION | PROPERTY CLASSIFCATION | SIZE (FT) | REM CU YD (APPX) | GRAVEL FILL CU YD (APPX) | COMMON SURFACE TYPES | REMARKS | | | |
| OPEN TRENCH | TRENCH | PVT PROP | 1 X 1010 X 3 | 112.2 | 112.2 | GRAVEL | | | | |
| OPEN TRENCH | TRENCH | PVT PROP | 1 X 200 X 3 | 22.2 | 22.2 | GRASS | | | | |
| J01A | VAULT EXC | ROW | 8X8X4.33 | 10.3 | 7.1 | GRASS | | | | |
| TOTAL PVT PROP CU YDS (APPX) 134.4 134.4 | | | | | | | | | | |
| | TOTAL ROW (| CU YDS (APPX) | | 10.3 | 7.1 | | | | | |
| | TOTAL CU | YDS (APPX) | | 144.8 | 141.6 | | | | | |



REAL ESTATE/EASEMENT REQ-N/A PVT PROP FUNCTION CONTACT PHONE NO DATE N/A N/A N/A N/A N/A N/A PROJECT MGR C. YLENNI 253-720-9700 09/23/24 2 N/A N/A N/A ENGR - POWER A. VORNBROCK 253-677-2164 09/23/24 1 REV# DATE BY DESCRIPTION ENGR - GAS N/A N/A N/A COUNTY Emer Sect Gas Wk Ctr POWER WK CTR J. LOEFSTEDT 253-677-3810 09/23/24 DRAWN BY KITTITAS N/A N/A QSEPRE CHECKED BY OP MAP PLAT MAP PPROVED BY /4 SEC Alex Vornbrock 253-677-2164 09/27/24 SE 33-18-18 N/A OREMAN #1 N/A FOREMAN #2 J-MAP NO (POWER) OH CKT MAP UG CKT MAP CIRCUIT NO 1818E132 1818E132 1818E131 WOD-13 MAPPING JOINT FACILITIES ARRANGEMENTS UTILITIES CONTAC PHONE# INCIDENT MAOP N/A N/A Gas Order Elect Order N/A 101176754 PUGET SOUND ENERGY WOD-13 S HWY CRP 2026 **PSE** CABLE REMEDIATION PROGRAM 61 THORP HWY S, ELLENSBURG, WA 98926 PAGE SCALE AS NOTED 3 OF 3 DESIGNED BY Potelco, Inc.

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