

# SR-167 Expressway - Meridian PI Pole Relocation 101188765

PRFUP20260025

## GENERAL SPECIFICATIONS

### Scope of Work

PSE project limits: westbound along N Levee RD between N Meridian and Industrial Parkway, and southbound lanes of SR-161 (Meridian Ave) between N Levee RD and River RD, Puyallup

### 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 streetlights, area lights and floodlights to Sumner yard.

### 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 PSE Project Manager or Engineer.
- Mark all field changes, equipment ID numbers and Underground cable information in red on Foreman's copy of works sketch.
- Return one Foreman's copy of works sketch to Project Manager at completion of job.
- When permits are required, a copy shall be available on work site at all times.

### Safety

- Refer to PSE standards 6275.3000 and 6275.6000 for system ground requirements.
- 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.
- Provide signs, barricades, and traffic control in conformance with permit regulations.
- Utilize flagging and other vehicle traffic control as necessary and in conformance with local traffic regulations.
- Maintain traffic flow as required by permitting agency.

### Erosion & Sediment Control

- Refer to PSE standards 0150.3200 for minimum requirements.
- Comply with all requirements of permitting agency.
- Installed erosion & sediment devices shall be maintained until vegetation has been re-established or disturbed soil has been otherwise permanently stabilized.

### Joint Facilities

- Coordinate with Communication Companies for transfers.

### OVERHEAD CONSTRUCTION

#### Poles & Structures

- Poles are to be installed or relocated as staked. Unless otherwise noted, all pole location measurements are from the center of the pole.
- All new poles set shall be the class indicated on the sketch, or better. Do not set a lower class pole than specified.
- Install ground plate assembly on all new poles. Install Switch Ground Assembly per standard specification 6014.1000 at new gang operated switch locations.
- Install grid numbers on all new and existing poles as shown on sketch.
- Straighten existing poles as indicated or as necessary.
- Treat all field-drilled poles with copper naphthenate wood preservative.
- Remove old poles after communication companies have transferred off and return to PSE storeroom. Fill and crown pole holes and restore area similar to adjacent landscaping.

#### Conductors & Equipment

- Transfer all overhead and underground primary, secondary and service conductors and guys to new poles set, unless otherwise indicated on this sketch.
- Transfer existing transformers to new poles unless otherwise indicated on this sketch.
- Use stirrups to connect all overhead and underground primary taps, and all transformers. Install at all sites being worked within the scope of the project where they are currently missing.
- Use 397 AAC and Ampact connectors for all bare conductor feeder jumpers and 600 amp switch jumpers. Install tree wire conductor for jumpers on all poles that are double deadended with tree wire.
- Apply grit inhibitor on all Ampact, stirrup, and dead-end connections.
- Connect primary taps and transformers to same phase as existing unless otherwise shown on the drawing.
- All neutral connections to be made with solid compression connectors. Connect all pole grounds to common neutral.
- Use Load-interrupter cutouts (with arc shields) on all primary overhead and underground taps with fused protection above 40T.
- Install Wildlife Protectors on all transformers.

#### UNDERGROUND CONSTRUCTION

##### 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.
- All conductors/conduits shall have a minimum of 3" of bed and 3" of clean sand cover.
- No rocks larger than 6" shall be included in backfill.
- Backfill 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.
- If four or more six inch conduits are installed in a trench, fluidized thermal backfill (FTB) shall be installed around the conduits to a depth of six inches above and to the sides of the conduit, and two inches underneath, per PSE Standard 6790.0140.

#### Vaults & Handholes

- Refer to PSE standard 6775.0040 "Vault and Handhole 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

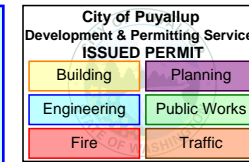
- Refer to PSE standard 6800.6000 "PVC Conduit Installation".
- Unless splices are called for, or otherwise noted or approved, conduit risers shall be plumbed directly to road crossing conduits.
- Install insulating caps on all unused primary bushings.
- All "spare" conduits shall be capped at each end.

**EROSION & SEDIMENT CONTROL REQUIREMENTS**  
EROSION & SEDIMENT CONTROL SHALL BE PER PSE STANDARD PRACTICE 0150.3200 TECHNIQUES FOR TEMPORARY EROSION & SEDIMENT CONTROL & ANY ADDITIONAL LOCAL JURISDICTION REQUIREMENTS. (LOCAL JURISDICTIONS MAY HAVE ADDITIONAL REQUIREMENTS INCLUDING NOTES DETAILING WHERE EROSION OR SEDIMENT CONTROL STRUCTURES ARE TO BE INSTALLED, CROSS SECTION DETAILS OF THE TYPICAL EROSION STRUCTURES, & SPECIAL REQUIREMENTS FOR WORK IN SENSITIVE AREAS.)

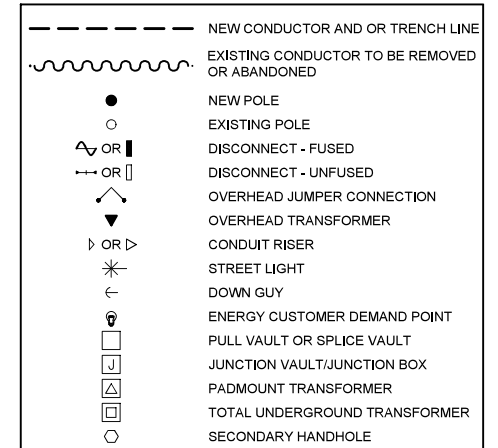
Where a curb exists, the lateral offset of all vertical obstructions shall be a minimum of 1.5' from the face of the curb to the face of the vertical obstruction and a minimum of 3' at intersections. Where no curb exists, the lateral offset of all vertical obstructions shall be a minimum of 4' measured from the edge of pavement to the face of the obstruction.

All proposed franchise utilities shall be located within a recorded utility easement or in the public right-of-way as determined by the City of Puyallup. The City of Puyallup does not authorize or permit utility work on private property.

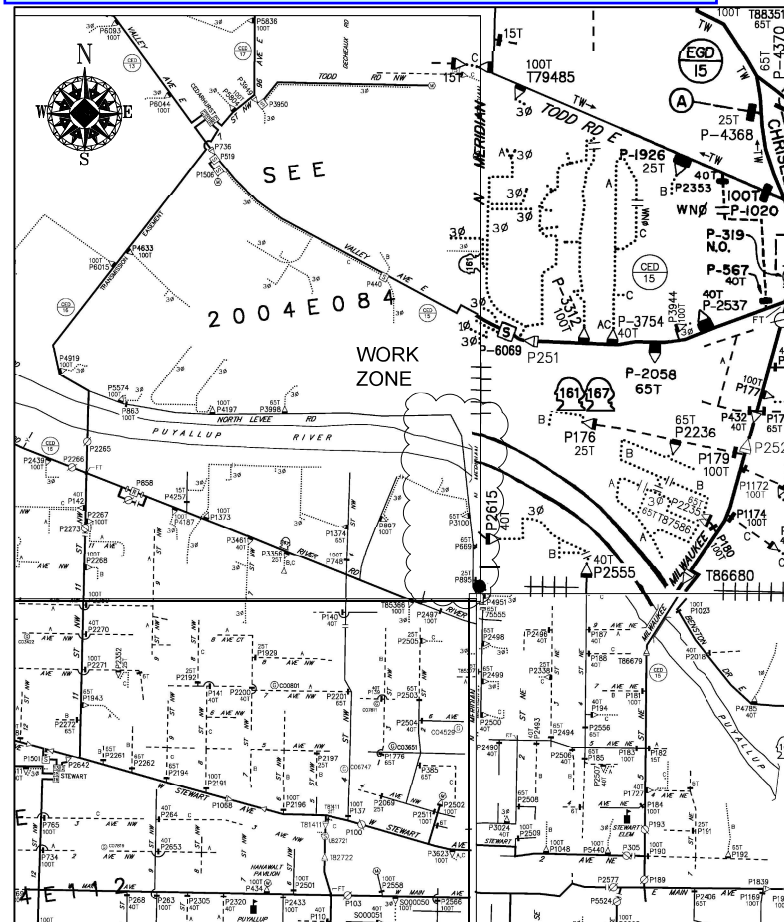
Anchored guy wire shall be installed or retrofit with a minimum 7-feet of overhead sidewalk clearance. The guy-wire shall not obstruct access to any property or to a public or private utility facility. The guy wire shall be anchored in the public right-of-way or within a private utility easement.



A 10" diameter core drill is allowed for potholing. For pothole windows larger than 10" in diameter or trenching completed in existing roadway, the contractor shall restore the pavement by installing the trench patch and then grinding/overlaying. All roadway restoration and street patches shall comply with City Standard Detail 01.01.20.



## LEGEND



OVERHEAD CIRCUIT MAP  
SCALE: NONE

**FOREMAN (CHECK BOX WHEN COMPLETED)**

PSE Equipment LOCKED/SECURED & Work Area kept in CLEAN/SAFE Condition.  
 Grid, Cable, and Switch numbers INSTALLED & VERIFIED.  
 Field Changes RED-LINED on As-built.  
 Material VERIFIED and CHANGES noted on Paperwork.  
 Total PRIMARY Cable noted on As-built.  
 Company EIRs RECORDED in correct location on As-built.  
 Indicate correct FUSE SIZE on As-built & VERIFY proper PHASE.  
 Deviations noted on the As-built and their reason.

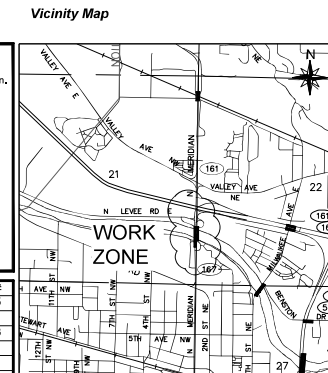
I certify that the work performed meets PSE's standards and procedures and that all quality requirements are met.

Foreman's Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Print Name \_\_\_\_\_ Date \_\_\_\_\_

PROJECT PHASE	NOTIF#	ORDER#
PWR	Superior	12061532
	Removal	101188765
	XFMR Removal	108166601
	OH Expense	583070788
		593265481

**CABLE TV PHONE**

Project Manager Contact Information:  
 Manager: Luanne Yu  
 Cell Phone: 253.841.6553  
 E-Mail: Luanne.Yu@pse.com



**Owner / Developer Contact Info**

WSDOT  
 N/A  
 N/A  
 ATTN: Gordon Nelson (253) 606-7760 office

For contacts below dial 1-888-CALL PSE (225-5773)

CALL 811 TWO BUSINESS DAYS BEFORE YOU DIG  
 THIS SKETCH NOT TO BE RELIED UPON FOR EXACT LOCATION OF EXISTING FACILITIES

REAL ESTATE/EASEMENT	PERMIT	Puyallup	
FUNCTION	CONTACT	PHONE NO	DATE
3			
2			
1			
PROJECT MGR	Luanne Yu	253.841.6553	6/4/25
ENGR - POWER	Nate Linville	(253) 970-7284	6/4/25
ENGR - GAS	N/A	N/A	N/A
DRAWN BY	Nate Linville	(253) 970-7284	6/4/25
CHECKED BY			
APPROVED BY			
FOREMAN #1			
FOREMAN #2			
MAPPING			

JOINT FACILITIES ARRANGEMENTS			
UTILITIES	COMCAST	LUMEN	ZAYO
CONTACT	N/A	N/A	N/A
PHONE#	N/A	N/A	N/A

INCIDENT	MAOP
N/A	N/A
Gas Order	Elect Order
N/A	101188765
SCALE	PAGE
AS NOTED	1 / 2



SR-167 Expressway - Meridian Relocate  
 PI POLE RELOCATE  
 LEVEE RD & S MERIDIAN, PUYALLUP

INCIDENT	MAOP
N/A	N/A
Gas Order	Elect Order
N/A	101188765
SCALE	PAGE
AS NOTED	1 / 2

Nov 26, 2025 - 10:19am J:\Electric\_Southwest\PIERCE\LUANNE YU\1-1-PI PROJECTS\WSDOT\11026325\_WSDOT SR 167 I-5 TO SR 161 NEW EXPRESSWAY PROJECT 11801878\101188765\_12061532\_MERIDIAN RELOCATE\CAD\ 101188765\_167-MeridianAve\_2025.11.24.dwg

**SITE SPECIFIC NOTES**

**AT P01: 568726-155413**

INST (1) 60' CL-H3 POLE & GROUNDS  
 INST (4) 9' 8P HD CROSSARM  
 INST (6) ARM PINS & INSULATORS  
 INST (6) DEAD-ENDS  
 INST(1) STIRRUP & HOT CLAMP, TAP AØ  
 INST (1) LB CUT-OUT ON NEW BRACKET, FUSE @ 15T  
 INST (1) 37.5KVA 120/240V 1B OH XFMR  
 INST (1) 4" RIGID CLEVIS, NEUTRAL IN COMMON POSITION  
 INST (2) 7/16" PRIMARY DOWN-GUYS (N, E) L= 30'  
 INST (2) 7/16" NEUTRAL DOWN-GUYS (N, E) L= 30'  
 INST (2) PLATE ANCHORS  
 INST GRID 568726-155413

**AT P02: 568717-155415**

REMOVE EXISTING 60' CL-1 DISTRIBUTION POLE  
 REMOVE EXISTING 15KVA 120/240V 1B OH XFMR  
 CUT EXISTING GUY ANCHORS 1' BELOW GRADE

**AT P03: 568714-155420**

INST (1) 60' CL-1 DISTRIBUTION W/60' CL-H3 POLE & GROUNDS  
 SET POLE AT 12' DEPTH WITH POLE WRAP  
 INST (2) 9' 8P HD CROSSARM  
 INST (6) ARM PINS & INSULATORS  
 INST (6) DEAD-ENDS  
 INST (1) 4" RIGID CLEVIS, NEUTRAL IN COMMON POSITION  
 INST (3) 7/16" PRIMARY DOWN-GUYS (N, S, E) L= 30'  
 INST (3) 7/16" NEUTRAL DOWN-GUYS (N, S, E) L= 30'  
 INST (3) PLATE ANCHORS  
 INST GRID 568714-155420

**AT P04: 568698-155425**

REMOVE EXISTING 60' CL-1 DISTRIBUTION POLE AND ASSOCIATED EQUIPMENT  
 CUT EXISTING GUY-ANCHORS 1' BELOW GRADE

**AT P05: 568655-155428**

EXISTING DISTRIBUTION POLE TO REMAIN, FOR SPAN REFERENCE

**AT P06: 568597-155433**

REPLACE EXISTING 45' CL-1 DISTRIBUTION POLE W/55' CL-H1 DISTRIBUTION POLE & GROUNDS  
 INSTALL (1) 11' 8P STD WING-ARM  
 INST (3) ARM PINS & INSULATORS  
 INST (2) 9' 8P STD XARMS  
 INST (3) STIRRUPS & HOT CLAMPS  
 INST (3) LI CUT-OUTS, FUSE @ 65T  
 INST TRANSFER SWITCH PLATE P669  
 INST RIGID CLEVIS, COMMON NEUTRAL  
 INST GRID 568597-155433  
 TRANSFER EXISTING PRIMARY AND SECONDARY TO NEW POLE

**AT P08: 568587-155433**

REPLACE EXISTING 45' CL-1 DISTRIBUTION POLE W/55' CL-H1 DISTRIBUTION POLE & GROUNDS  
 INSTALL (1) 11' 8P STD WING-ARM, NEUTRAL ON PRIMARY ARM  
 INST (4) ARM PINS & INSULATORS  
 TRANSFER EXISTING PRIMARY AND SECONDARY TO NEW POLE  
 INST (1) STIRRUPS & HOT CLAMPS  
 INST (1) LI CUT-OUT ON CUT-OUT BRACKET, FUSE @ 10T  
 TRANSFER EXISTING 25KVA 120/240V 1B OH FMR  
 INST RIGID CLEVIS,  
 INST GRID 568587-155433  
 WSDOT TO ARRANGE TRANSFER OF LIGHTING CABINET SERVICE AND RISER

2-23  
2-24

**TRANSFORMER INSTALLATION (OH)**

Installed at site: **P01**  
 Grid Number: **568726-155413**  
 kVA Rating: **37.5KVA 120/240V**  
 Material ID#: **6211300**

Foreman to re/define the following information  
 Company ID#: \_\_\_\_\_  
 Primary phase connected to: \_\_\_\_\_  
 Tested Secondary Voltage: \_\_\_\_\_ / \_\_\_\_\_

**TRANSFORMER REMOVAL**

Removed at site: **P02**  
 Grid Number: **568717-155415**  
 kVA Rating: **15kVA**

Foreman to re/define the following information  
 Company ID#: \_\_\_\_\_  
 Primary phase connected to: \_\_\_\_\_  
 Tested Secondary Voltage: \_\_\_\_\_ / \_\_\_\_\_

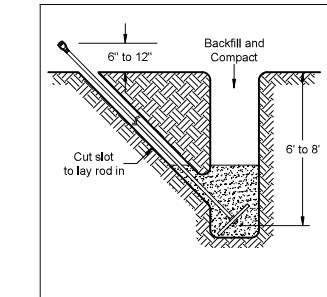
2-129  
2-23

**TRANSFORMER TRANSFER**

New pole at site: **P08**  
 Grid Number: **568587-155433**  
 kVA Rating: **25kVA**

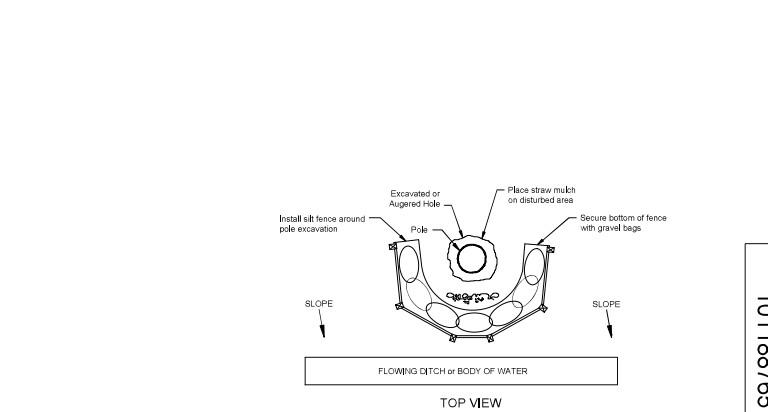
Foreman to re/define the following information  
 Company ID#: \_\_\_\_\_  
 Primary phase connected to: \_\_\_\_\_  
 Tested Secondary Voltage: \_\_\_\_\_ / \_\_\_\_\_

2-129  
2-23  
2-129



**ANCHOR DETAIL - PLATE**  
Not To Scale

2-23  
2-24  
2-129



**UTILITY POLE EROSION CONTROL DETAIL**  
Not to scale Adjacent to flowing ditches or bodies of water

**POLE TABLE (NEW)**

Work Location	Pole Data					Remarks / Location Ref.
	Grid #	Height	Class	Year		
P01	568726-155413	60'	CL-H3			
P03	568714-155420	60'	CL-H3			
P06	568597-155433	55'	CL-H1			
P08	568587-155433	55'	CL-H1			

**POLE RETIREMENT TABLE**

Wk Loc	Pole Data					Pole			TEMP TRANSFERS			ST. LIGHT TRANSFERS		
	Grid #	Length	Class	Year	TOPPED	RMVD	TEL	TV	FIBER	TRAN	RMVD	ID NUMBER		
P02	568717-155415	60'	CL-1	1969										
P04	568698-155425	60'	CL-1	1969										
P06	568597-155433	45'	CL-1	1986										
P08	568587-155433	45'	CL-1	1972										

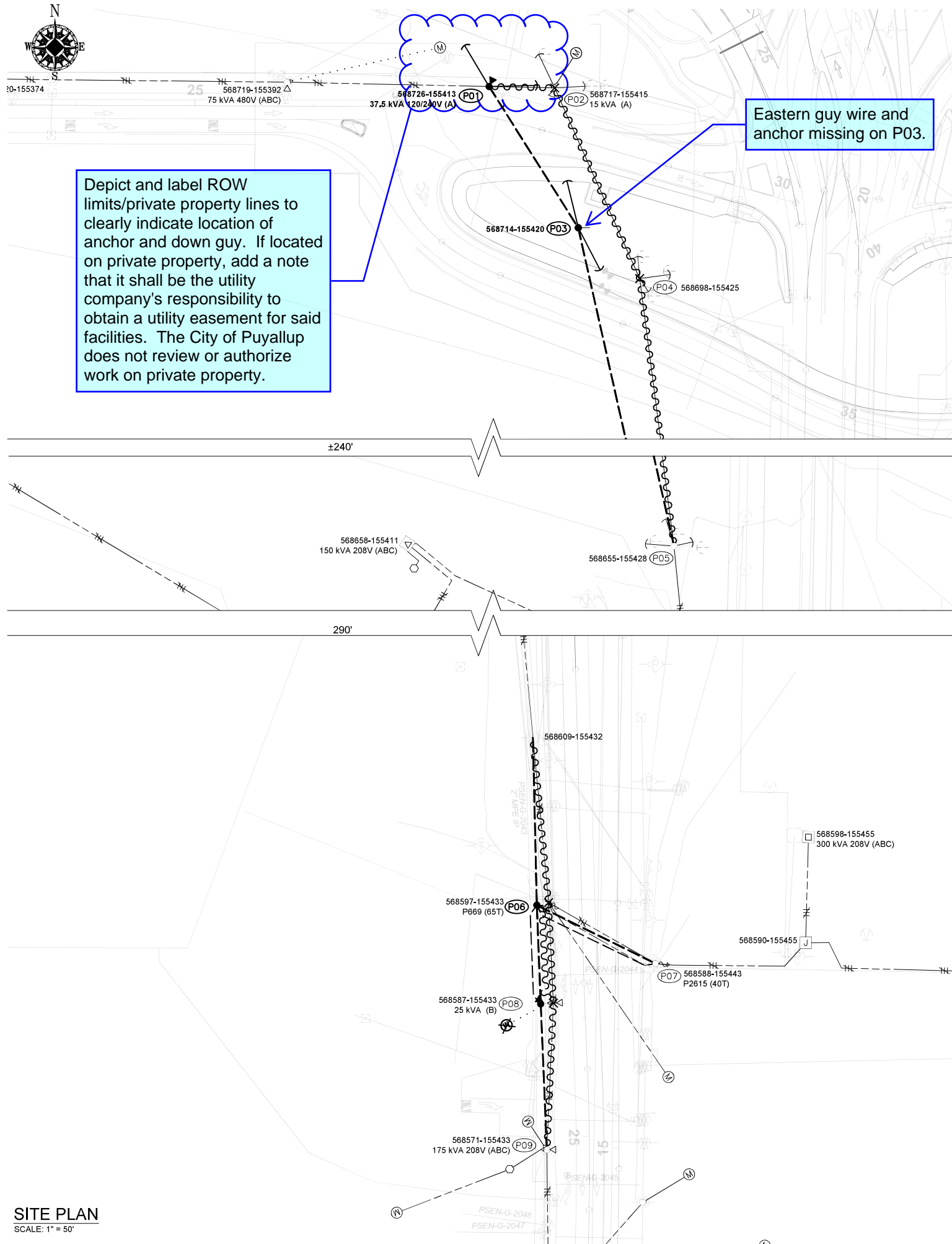
**UNITS OF PROPERTY INSTALL ONLY**

MATERIAL	QTY
DIST. ARRESTERS	
DIST. CUTOUTS	
DIST. INSULATORS	
CROSSARM - DISTRIBUTION	

**UNITS OF PROPERTY REMOVAL ONLY**

MATERIAL	QTY
DIST. ARRESTERS	
DIST. CUTOUTS	
DIST. INSULATORS	
CROSSARMS - DISTRIBUTION	

REAL ESTATE/EASEMENT				PERMIT			
3	2	1		FUNCTION	CONTACT	PHONE NO	DATE
				PROJECT MGR	Luanne Yu	(253) 841-6553	6/4/25
				ENGR - POWER	Nate Linville	(253) 970-7284	6/4/25
				ENGR - GAS	N/A	N/A	N/A
				POWER WK CTR	Nate Linville	(253) 970-7284	6/4/25
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A	N/A	N/A
1/4 SEC	PIERCE	Emer Sect	Gas Wk Ctr	POWER WK CTR	QSWPRE		
SE-21-20E-04N	OP MAP	N/A	PLAT MAP	CHECKED BY			
U-MAP NO (POWER)	OH CKT MAP	UG CKT MAP	CIRCUIT NO	FOREMAN #1			
2004E084	2004E104	2004E084	CED-16	FOREMAN #2			
				MAPPING			
JOINT FACILITIES ARRANGEMENTS							
UTILITIES	COMCAST	LUMEN	ZAYO	N/A			
CONTACT	N/A	N/A	N/A	N/A			
PHONE#	N/A	N/A	N/A	N/A			
<b>PUGET SOUND ENERGY</b>				SR-167 Expressway - Meridian Relocate PI POLE RELOCATE LEVEE RD & S MERIDIAN, PUYALLUP			
				INCIDENT	MAOP		
				Gas Order	Elect Order		
				N/A	101188765		
				SCALE	PAGE		
				AS NOTED	2 / 2		



**SITE PLAN**  
SCALE: 1" = 50'

Nov 26, 2025 - 10:19am J:\Electric\_Southwest\PIERCE\LUNNE YU\11026325\_WSDOT SR 167 I-5 TO SR 161 NEW EXPRESSWAY PROJECT 11801878\101188765\_12061532\_MERIDIAN\_RELOCATE\CAD\101188765\_167-MeridianAve\_2025.11.24.dwg

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