Puget Sound Energy

SCHEDULE 74 PROJECT PLAN

Capitol & Trosper conversion

PUGET SOUND ENERGY
The Energy To Do Great Things

Exhibit "A" Project Plan
Schedule 74 Underground Conversion

City of Tumwater–*I-5/Trosper Road/Capitol Boulevard Reconfiguration Project*

PSE Project Number: 101148207
City of Tumwater Project Number: 2017023
4/18/22

Pursuant to Puget Sound Energy ("PSE") Rate Schedule 74 and as described in this Project Plan, PSE will convert its existing overhead electrical distribution system of 15,000 volts or less to an equivalent Underground Distribution System. This Project Plan describes the scope of construction work (the "Construction Work") to be performed by PSE and the City of Tumwater(the "City") for the conversion of certain PSE electrical distribution system facilities as described herein (the "Conversion Project"). Construction of this Conversion Project is contingent upon and shall commence only after both written acceptance of this Project Plan and written execution of a Schedule 74 Construction Agreement by the City and PSE.

This Project Plan includes and consists of:

- Description of the Construction Work to be performed
- Construction Drawings, Standards, Specifications and Requirements for the Construction Work (attached)
- Operating Rights to be obtained for the Conversion Project (attached)
- Construction Work Schedule
- Construction Costs Estimate Summary (attached)

Revisions to this Project Plan must be mutually approved by the City and PSE.

Construction Work

This Conversion Project will replace PSE's existing overhead electrical distribution system with an Underground Distribution System within the following area (the "Conversion Areas"): Capitol & Trosper at the new roundabouts. The Conversion Project is approximately 488' total feet in length, including laterals and road crossings.

The Conversion Project includes modification or replacement of all existing services lines within the Conversion Area to connect to the Underground Distribution System and removal of PSE's existing overhead electric distribution facilities (including PSE distribution poles and pole mounted street lights) from the Conversion Area.

Capitol Blvd SE

- Re-frame existing pole, dead end the current OH 3ø feeder and re-anchor & guy at P01

- Install new 50’ CL-3 pole w/600/200 amp terms & 4’’/6’’ risers at P02
- Slack span OH 3ø feeder from P01-P02
- Install two 5106 feeder pull vaults (PV1&2)
- Install two 575 primary pull vaults (PV3&4)
- Install of 600amp term & 6’’ riser at P10
- Install new 3ø 120/208V PM transformer on easement behind Dutch Bros. Coffee. (5210)
- Install line extension from existing junction vault behind Dutch Bros. (5210).
- Remove poles and all PSE facilities at P03, P04, P05, & P06.

Lee St SW

- Install new 45’ CL-2 pole (P08A), guy & anchor on easement 20’ south of P08.
- Dead end existing OH 3ø primary wire at P08A & Slack span P08-P08A.
- Primary line extension from existing TUT vault to P08 (road crossing)
- Remove pole P07

5210 CAPITOL BLVD SE – Dutch Bros.

PSE initiated upgrades included in this project consist of: The shallow burial conduit crossing at 5252 Capitol Blvd over the existing communications duct bank will need rigid conduit and concrete encasement.

The following portions of PSE’s existing facilities to be converted are located outside of Public Thoroughfare: 5210 Capitol Blvd, and 301 Lee St SW will need easements on private property.

In conjunction with this Conversion Project, PSE will remove its existing street lighting system from the Conversion Area. Provision of a replacement street lighting system within the Conversion Area is not included in this Project Plan. Replacement street lighting service can be provided by separate arrangement in accordance with applicable PSE Tariff Schedules.

Responsibilities of Parties

City Responsibilities

a) At least ten (10) business days prior to the scheduled commencement of Construction Work, hold a pre-construction meeting involving all participants in the Conversion Project to review project design, coordination requirements, work sequencing and related premobilization requirements.

b) At least ten (10) business days prior to the scheduled commencement of Construction Work, give PSE written notice to proceed with the Construction Work to allow for delivery of PSE materials to the job site and scheduling of PSE’s on-site Inspector.

c) Provide written notice to customers within the Conversion Area in advance of Conversion Project Construction Work start. The notice will include contact information for both the City and PSE, the expected Conversion Project schedule, anticipation of service interruptions and work required to be performed by customers.

d) Coordinate other utility conversion, removal and relocation from PSE’s poles.

e) Provide all surveying for equipment placement, locations, and establish all grade elevations for the Underground Distribution System within the Conversion Area.

f) Provide all necessary excavation, bedding, backfill, off-site disposal, site restoration and coordination for installation of the Underground Distribution System. This includes trenching, backfill, and restoration for cut-over and transfer of existing underground system and service lines from the existing overhead distribution system to the new Underground Distribution System.

g) Coordinate private property trenching, excavation and restoration activity with private property owners affected by this Conversion Project.

h) Provide flagging and traffic control as required for all work performed by the City.

i) Install and proof all ducts and vaults for the Underground Distribution System (excluding work in ducts or vaults containing energized cables or equipment – see PSE Responsibilities) in accordance with PSE standards and specifications using ducts and vaults provided by PSE. "Proofing" as used herein is defined as verification using a mandrel that the duct and vault system is free and clear of damage, installed to the proper grade and at the proper location and contains a pulling line.

j) Provide at least five (5) business days' notice for scheduled delivery of PSE vaults by PSE's vault supplier.

k) Provide secure staging and storage area(s) for duct and vault materials provided by PSE. The City shall be responsible for the security and condition of these materials until they are installed and accepted by PSE or returned to PSE's custody.

l) Provide labor and equipment for the off-loading of PSE duct and vault materials delivered to the job site.

m) Promptly following notice from PSE that the Underground Distribution System has been energized, provide notice to customers within the Conversion Area informing them of their obligation and responsibility to convert their overhead service lines to underground service lines as provided by state law or to modify existing underground service lines for connection to the Underground Distribution System. Affected service lines are listed in the Service Lines section of this Project Plan.

n) Facilitate weekly (or as otherwise agreed by the City and PSE) construction coordination meetings to include all relevant parties participating in the conversion including PSE and it's contractor(s), the City and it's contractor(s), and other utilities.

o) Modify, reroute or replace service lines to City owned facilities to connect to the Underground Distribution System.

p) Following notification from PSE that Construction Work is complete, provide to PSE any Shared Government Costs as provided for in the Construction Agreement.

Puget Sound Energy Responsibilities

a) Following notice from the City, deliver or cause to be delivered all duct and vault materials to the designated staging/storage area(s). Acknowledge delivered quantities and condition of duct and vault materials by signing shipping manifests.

b) Accept delivery of the completed duct and vault system once the new system has been proofed (as described above) by the City. PSE will provide a mandrel to the City to be used in proofing of the duct and vault system.

c) Provide PSE electrical workers to complete duct installation and proofing when such work is performed at or in any energized vault containing energized cables or equipment.

d) Install (except for ducts and vaults installed by the City) and energize the Underground Distribution System. Provide written notice to the City when the Underground Distribution System is energized.

e) Perform cut-over and transfer of existing Underground Distribution System and existing underground service lines from the overhead distribution system to the new Underground Distribution System where applicable (see City Responsibility item "f" concerning trenching responsibility). PSE will notify the City for excavation and the affected customers at least two (2) business days prior to installation, transfer, and connection of underground service lines. Affected service lines are listed in the Service Lines section of this Project Plan.

f) Install and connect replacement underground service lines to single family residences and connect modified and replacement non-residential underground service lines provided by customers within the Conversion Area pursuant to PSE Tariff Schedule 85. Affected service lines are listed in the Service Lines section of this Project Plan.

g) Remove the existing overhead electric distribution system including, conductors, equipment, down guys, anchors and poles after all service lines to customers within the Conversion Area are connected to the Underground Distribution System and all other utilities have been removed from PSE's poles. Holes left following removal of poles will be filled with crushed rock and compacted in accordance with applicable City standards or specifications.

h) Provide flagging and traffic control as required for all work performed by PSE (except as may otherwise be reasonably provided by the City during installation of ducts and vaults in conjunction with City performed trenching, excavation, back-fill and restoration).

i) Attend weekly (or as otherwise agreed by the City and PSE) construction coordination meetings facilitated by the City and its contractor during periods of Conversion Project construction.

Operating Rights

The Underground Distribution System will be located within Public Thoroughfare except as described in the Operating Rights Attachment. The Construction Work will not be released by PSE for construction until i) all operating rights necessary for the installation of PSE's facilities have been obtained and have been verified by PSE, or ii) the City otherwise signs an agreement releasing PSE from any and all financial obligations associated with the location or relocation of PSE facilities resulting from commencement of construction prior to acquisition of all identified necessary operating rights.

Construction Work Schedule

The Construction Work will be performed in accordance with the following Work Schedule, unless this schedule is revised by mutual agreement of the City and PSE or circumstances beyond the reasonable control of the City and/or PSE preclude such performance.

Installation of ducts and vaults: Will depend on the amount of trench the contractor is able to excavate and backfill each day while maintaining traffic flow..

Installation and energization of the Underground Distribution System: TBD-all wire must be installed before cut over to the new infrastructure.

Removal of overhead facilities: Poles will cut at the communication level until the foreign facilities are removed. Lumen has asked that pole P03 is gifted to them after our facilities are removed. PSE will relinquish all responsibility to the pole if the City of Tumwater agrees to let the pole stay.

Work Schedule Restrictions: This project will be subject to heavy traffic flow at peak times due to freeway on/off ramps and major intersection. There has been no stated expectation of off hour work restrictions from the City of Tumwater at this time.

Construction Cost Estimate

	Estimate Breakdown:		
	Materials	$124,030	$161,239
	Construction	$144,701	$188,112
	Engineering & Managemer	$41,343	$53,746
	Right of Way	$0	$0
	Overhead	$62,015	$80,619
	FIT	$41,343	$53,746
	Total Project Cost Range:	**$413,432**	**$483,716**
Cost Share:			
PSE Estimated Cost	60.00%	$248,059	$290,229
GE Estimated Cost	40.00%	$165,373	$193,486

The estimated costs to perform the Construction Work and the allocation of costs between the parties are presented in the attached Construction Costs Estimate Summary. These estimated costs are valid for ninety (90) days from the date shown on the attached Construction Costs Estimate Summary. If this Project Plan and a Schedule 74 Construction Agreement are not fully executed within ninety (90) days from this date, the estimated costs shall be subject to revision.

The scope of work provided for in the previously executed Design Agreement has been completed with written acceptance of this Project Plan by the City and PSE. The Construction Cost Estimate reflects and provides for Construction Work costs commencing with PSE attendance at the required pre-construction meeting and receipt of the City's written notice to proceed with Construction Work. Work performed and/or costs incurred by PSE in response to City request following acceptance of the Project Plan and prior to the pre-construction meeting are not included in the Construction Cost Estimate, and shall be subject to addition to the Construction Cost Estimate by revision as described below.

Estimated Inspection and Service Provider outside Services costs are based on 4/19/2022 contract rates. Costs for Construction Work performed by PSE after 7/15/2022 shall be subject to revision to reflect PSE Service Provider contract rates which become effective after this date.

Changes in Construction Work scope, performance and/or schedule can result in actual Construction Costs that differ from estimated costs shown in the Construction Cost Estimate Summary. In the event performance of the Construction Work cannot or does not proceed substantially as provided in this Project Plan, such changes shall promptly be brought to the attention of PSE and the City when anticipated or known and shall be documented in a revision to the Construction Cost Estimate (a "Cost Estimate Revision") mutually agreed and executed by the City and PSE.

Project Assumptions

The project design, construction plans and cost estimates are based on and reflect the following assumptions. Construction conditions that are not consistent with these assumptions may result in a request for change or an equitable adjustment to project compensation under Section 6 of the Construction Agreement and addressed by a Cost Estimate Revision.

Cost Assumptions

1. The Construction Work will be performed in accordance with the Construction Drawings and Construction Work Schedule.
2. PSE's Project Manager will accept or reject (with written justification) the duct and vault installation work performed by the City within five (5) business days notice of completion from the City. In the event PSE rejects any of the ducts or vaults (with reasonable written justification), the City will perform the necessary remedial work. The City will then re-notify PSE and PSE shall have five (5) business days to accept or reject the remedial work.
3. All PSE cables can be pulled through the ducts and vaults system, including existing ducts and vaults if applicable, to be used for the Conversion Project utilizing normal cable pulling equipment and methods.

4. A City Street Use permit is the only permit necessary for PSE to perform its work for this Conversion Project and will be issued within two (2) weeks of PSE submitting a complete permit application (including any supporting documentation reasonably required by the City). There will be no charge for the permit or inspection fees.
5. The estimated daily productivity rate for PSE duct and vault installation is based on the City's contractor opening a minimum of 250' feet of trench per working day. The daily productivity rate is used to estimate the number of days a PSE Inspector will be required during installation of ducts & vaults. The Inspector will be scheduled in full day increments and in one continuous effort. Changes to a continuous schedule require a minimum of five days advance notice and must be mutually agreed between the City and PSE.
6. Attendance by the PSE Project Manager at scheduled weekly construction coordination meetings is included and reflected in the Construction Cost Estimate during periods when the PSE ducts and vaults are actively being installed and when the PSE line crew is performing installation, energization, cut-over and removal work. Attendance at additional meetings that may be requested/required during other periods will be addressed by a Cost Estimate Revision.
7. Traffic control provided by PSE assumes the use of two flaggers, basic signage and simple channelization. Additional traffic control measures are not included and if requested/required will be addressed by a Cost Estimate Revision.
8. Work to be performed by PSE does not include installation and/or removal of Temporary Service facilities at the request of others during construction.
9. Cut-over and transfer work will be completed during regular working hours except as described in Schedule Assumption #3 below. Changes in the performance of this work will be addressed by a Cost Estimate Revision.
10. New guy anchors shall be installed prior to installation of new ducts in the same area.
11. When Fluidized Thermal Backfill (FTB) is used, associated cost will be allocated 100% to PSE when required for a Company Initiated Upgrade and otherwise 100% to the City.
12. Installation of protective bollards may be necessary at some locations and may not be included in the project design. In the event unplanned bollards are required, associated costs will be a Shared Cost and addressed by a Cost Estimate Revision.

Schedule

1. There will be a total of two (2) PSE crew mobilizations as follows: i) one mobilization of an underground line crew for installation of underground conductors and equipment; and ii) one mobilization of an overhead line crew for removal of the existing overhead facilities. Once mobilized PSE crews will have continuous productive work until all PSE Construction Work is complete.
2. All PSE Construction Work will be performed during regular working hours from 8:00am-4:30pm excluding holidays. In the event that lane closures are necessary for performance of work, PSE shall be limited to working between the hours of 9:00am-3:00pm. PSE and the City will mutually agree to weekly work schedules for the Construction Work. PSE shall be

allowed to perform PSE work as scheduled without changes or interruptions caused by other construction activities.

3. PSE customers within the Conversion Area will experience interruption of electric service during performance of the Construction Work when cutting over and transferring system and customer loads from the overhead distribution system to the Underground Distribution System. Cut-over and transfer work will be performed during the regular working hours specified in Schedule Assumption #2 above except as otherwise provided below. PSE will notify customers at least two (2) business days in advance of scheduled service interruptions.

Additional Considerations

Service Lines

Service lines within the Conversion Area must be modified or replaced to provide underground service from the Underground Distribution System as described in attached Service Lines Replacement & Modification Requirements. Performance of the work and associated costs shall be governed by PSE Tariff Schedule 85.

New Service

Connection of new or increased load for City facilities (such as new traffic signals) under terms of PSE Tariff Schedule 85 will be addressed on a separate work order and work sketch. Additional costs may apply and will be quoted separately.

PSE Design & Construction Standards

This Conversion Project has been designed and will be constructed in accordance with PSE design and construction standards in effect as of the date of this Project Plan. PSE standards applicable to Construction Work to be performed by the City have been provided to the City in PSE's "Electric Distribution Trench/Duct/Vault Construction Standards, 2013". All relevant PSE standard described above are attached to this Project Plan by this reference.

Temporary Support (Holding) of PSE Poles

Whenever any pole(s) are required to be temporarily supported (held) due to excavation in proximity to such poles, the City will coordinate with PSE to provide such support. The need to temporarily support such poles shall be determined by PSE, and if required, such support shall be provided by PSE. As used herein, "temporary support" means supporting one or more poles for a continuous working period of ten hours or less.

Adjusting Energized Vaults to Final Grade

If PSE is required to adjust (newly installed) and energized vault lids to final grade PSE will submit a change order to the City for labor and materials required for finial adjustment. This

change order will be 100% City Cost. Any “existing” energized vault’s that require final grade adjustments will be performed by PSE at 100% PSE cost.

Acceptance of Project Plan

The City and PSE mutually agree to and accept this Project Plan as of the date indicated below:

For the City:	For PSE:
By: _____	By: *James Lengel*
Its: _____	Its: Project Manager
Date: _____	Date: 4/19/22

RAB @ Capitol Blvd & Trosper Rd
PI - Relocate OH & UG Facilities
PSE CAPITAL PROJECT

GENERAL SPECIFICATIONS

Scope of Work

PSE project limits - Relocate PSE Facilities that are in conflict with road widening and new Roundabout Design.

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 worksketch.
- Return one Foreman's copy of worksketch 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 napthenate 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

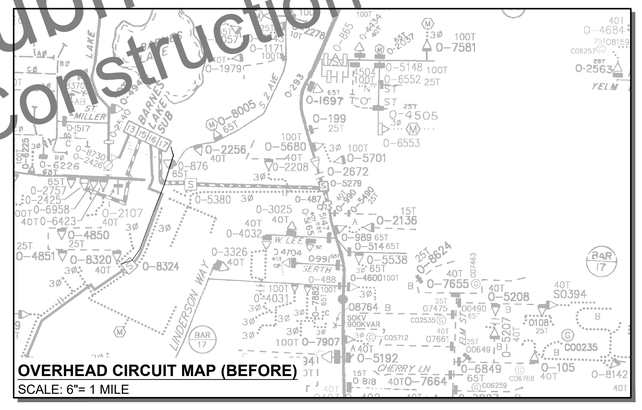
- Refer to PSE standard 6775.0040 "Vault and Handhole Installation"
- Vaults shall be placed level and 2" above final grade in landscaped areas and flush with final grade when placed in hard surface areas.
- A minimum 6" bed of 5/8" crushed rock shall be placed under all vaults.
- All conduit entrances shall be grouted.

Conductors & Conduit

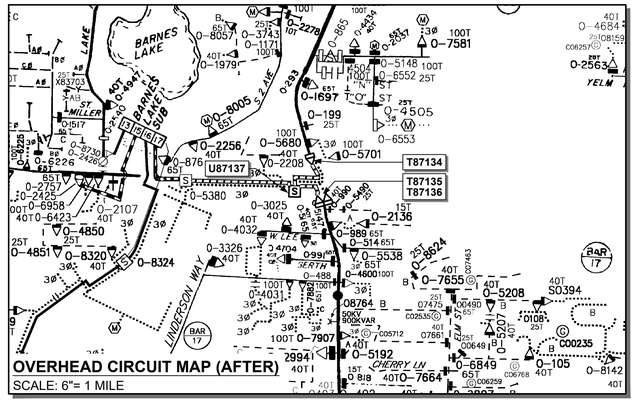
- Refer to PSE standard 6800.6000 "PVC Conduit Installation".
- Unless splices are called for, or otherwise noted or approved, conduit risers shall be plumbed directly to road crossing conduits.
- Install insulating caps on all unused primary bushings.
- All "spare" conduits shall be capped at each end.

LEGEND

- NEW CONDUCTOR AND OR TRENCH LINE
- REMOVE EXISTING CONDUCTOR
- NEW POLE
- EXISTING POLE
- OR DISCONNECT - FUSED
- OR DISCONNECT - UNFUSED
- OVERHEAD JUMPER CONNECTION
- OVERHEAD TRANSFORMER
- OR CONDUIT RISER
- STREET LIGHT
- DOWN GUY
- ENERGY CUSTOMER DEMAND POINT
- PULL VAULT OR SPLICE VAULT
- JUNCTION VAULT/JUNCTION BOX
- PADMOUNT TRANSFORMER
- TOTAL UNDERGROUND TRANSFORMER
- SECONDARY HANDHOLE



OVERHEAD CIRCUIT MAP (BEFORE)
SCALE: 6"= 1 MILE



OVERHEAD CIRCUIT MAP (AFTER)
SCALE: 6"= 1 MILE

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.)

FOREMAN (CHECK BOX WHEN COMPLETED)

- ☐ PSE Equipment LOCKED/SECURED & Work Area left 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 ID#'s 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 _____

Print Name _____ Date _____

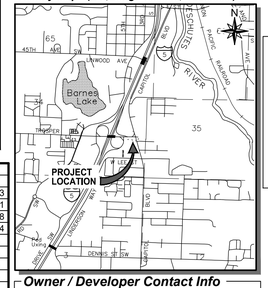
PROJECT PHASE	NOTIF#	ORDER#
PWR Superior	11755708	101138117
Retirement		108120033
OH Dist Xfmr		584045281
OH <55kv Const Related		593218708
UG <55kv Const Related		594134024
Job Order	N/A	N/A
GAS Distribution	N/A	N/A
HP Main	N/A	N/A
HP Svc/MSA	N/A	N/A
CABLE TV		
PHONE		

Project Manager Contact Information:

Manager: Jim Lengel
Cell Phone: 425-449-9954
E-Mail: James.Lengel@pse.com

Developer Locates Req'd	Yes
PSE Locates Req'd	Yes
Outages Req'd	Yes
Flagging Req'd	Yes

Vicinity Map (Lat,Long: 46.9998,-122.9089)



101138117

Owner / Developer Contact Info

Tumwater Public Works
555 Israel Rd SW
Tumwater, WA 98501
ATTN: Brandon Hicks 360-754-4140 office

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

CALL (800) 424-5555
2 BUSINESS DAYS BEFORE YOU DIG
THIS SKETCH NOT TO BE RELIED UPON FOR EXACT LOCATION OF EXISTING FACILITIES

REAL ESTATE/EASEMENT PERMIT
REQ'D City of Tumwater

REV#	DATE	BY	DESCRIPTION
3			
2			
1			

COUNTY	Emer Sect	Gas Wk Ctr	POWER WK CTR
Thurston			OSTHLE
1/4 SEC	OP MAP		PLAT MAP
SE¼,Sect34,T18,R02W			
U-MAP NO	POWER	OH CKT MAP	UG CKT MAP
1802W136		1702W03	1802W136

FUNCTION	CONTACT	PHONE NO	DATE
PROJECT MGR	J.Lengel	425-449-9954	07/06/21
ENGR - POWER	M.Taylor	85-5970	07/06/21
ENGR - GAS			
DRAWN BY	M.Taylor	85-5970	07/06/21
CHECKED BY			
APPROVED BY			
FOREMAN #1			
FOREMAN #2			
MAPPING	CIRCUIT NO	BAR-17	

JOINT FACILITIES ARRANGEMENTS

UTILITIES			
CONTACT			
PHONE#			

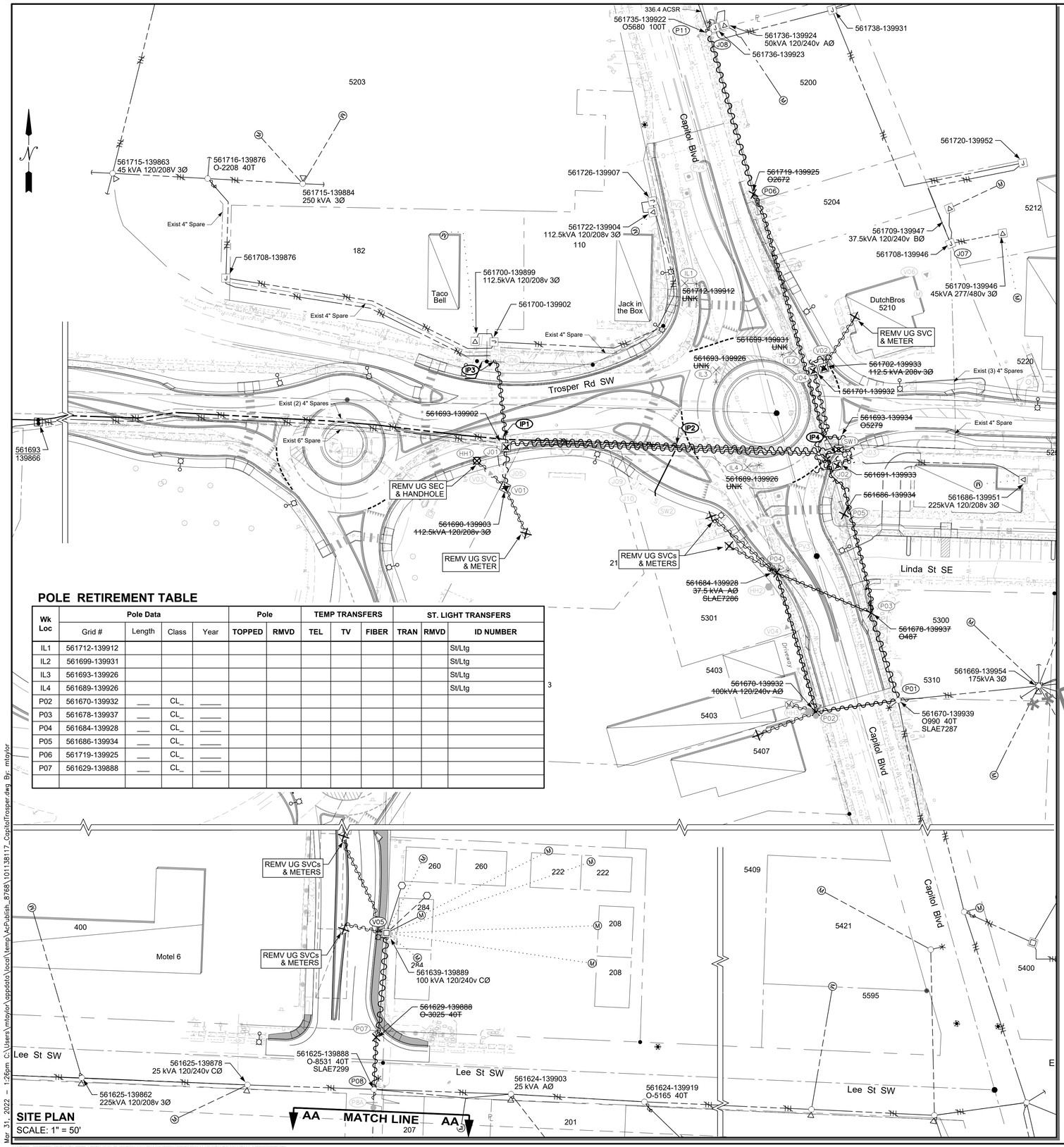
PUGET SOUND ENERGY
DESIGNED BY PSE

PI - RAB @ Capitol Blvd & Trosper Rd
PI - Relocate OH & UG Facilities
Trosper Rd SW & Capitol Blvd

INCIDENT	MAOP
Gas Order	Elect Order 101138117
SCALE AS NOTED	PAGE 01/05

AUD

Mar 31, 2022 – 1:26pm C:\Users\vmtaylor\appdata\local\temp\AcPublish_8768\101138117_CapitolTrosper.dwg By: mtaylor



SITE SPECIFIC NOTES

AT IP1
LOCATE 4" CONDUIT CONTAINING CABLE #s AØ-20073, BØ-20074 & CØ-20075
PULL BACK FROM (J01) AND REDIRECT INTO (J05)
LOCATE AND REDIRECT (2) SPARE 4" CONDUITS INTO (J05)

AT IP2
LOCATE AND 6" CONDUIT CONTAINING CABLE #s AØ-21386, BØ-21387 & CØ-21388
LOCATE AND 4" CONDUIT CONTAINING CABLE #s AØ-20579, BØ-20580 & CØ-20581
LOCATE AND REDIRECT 6" CONDUIT & CABLES INTO (SW2)

AT IP3
LOCATE 4" CONDUIT CONTAINING CABLE #s AØ-20073, BØ-20074 & CØ-20075
PULL BACK FROM (J01) AND REDIRECT INTO (J06)

AT IP4
LOCATE AND REDIRECT 4" CONDUITS & CABLES INTO (J03)

AT P01 GRID # 561670-139939 __' CL_ (19__)
REMV 3Ø OH 336.4 ACSR LINE (N)
REMV SGL Ø FG ARM MOUNTED DE (W)

AT P02 GRID # 561670-139932 __' CL_ (19__)
REMV ALL DIST HARDWARE
REMV __' CL_ (19__) POLE

AT P03 GRID # 561678-139937 __' CL_ (19__)
REMV OH SEC NW
REMV EXIST 600A TERM SW # O487

AT P04 GRID # 561684-139928 __' CL_ (19__)
REMV ALL DIST HARDWARE
REMV __' CL_ (19__) POLE
REMV ANCH & CUT 1' BELOW FINAL GRADE

AT P05 GRID # 561686-139934 __' CL_ (19__)
REMV ALL DIST HARDWARE
REMV __' CL_ (19__) POLE
CUT ANCH 1' BELOW FINAL GRADE

AT P06 GRID # 561719-139925 __' CL_ (19__)
REMV OH DIST FACILITIES
CUT ANCH 1' BELOW FINAL GRADE

AT P07 GRID # 561629-139888 __' CL_ (19__)
REMV ALL DIST HARDWARE
REMV __' CL_ (19__) POLE
REMV ANCH & CUT 12" BELOW FINAL GRADE

AT P08 GRID # 561625-139888 __' CL_ (19__)
REMV DEs (N & S)
REMV C/Os (S) O8531

AT P09 GRID # 561605-139887 __' CL_ (19__)
EXIST POLE TO REMAIN

AT P10 GRID # 561594-139887 __' CL_ (19__)
EXIST POLE TO REMAIN

AT P11 GRID # 561735-139922 __' CL_ (19__)
EXIST POLE TO REMAIN

SITE SPECIFIC NOTES - Continued:

AT J01
CUT ELBOWS FROM CABLE #s AØ-20073, BØ-20074 & CØ-20075
NOTE: CABLES WILL BE PULLED BACK TO (IP3) AND REDIRECTED INTO (J06). ALL OTHER CABLES WILL BE REMOVED.
REMV ALL DIST HARDWARE & VAULT

AT J02
CUT ELBOWS FROM CABLE #s AØ-23569, BØ-23570 & CØ-23571
NOTE: CABLES WILL NOW TERMINATE IN (J03) SEE Pg 03
REMV ALL DIST HARDWARE & VAULT

AT J04 GRID # 561701-139932
REMV

AT V02 GRID # 561702-139933
REMV

AT V05 GRID # 561702-139933
TOTAL UG XFMR TO REMAIN

AT SW1 GRID # 561693-139934
REMV ALL TERMs AND CUT CABLE AT EDGE OF VAULT
NOTE: CABLE #s AØ-21386, BØ-21387 & CØ-21388 WILL BE PULLED BACK TO (IP2) AND REDIRECTED INTO SW2. ALL OTHER CABLES WILL BE REMOVED.
REMV EXIST SWITCH AND VAULT **2-44xo**

OH WIRE REMOVAL TABLE

Work Location From	Work Location To	Wire Size & Type	Quantity	Length (per conductor)	Remarks
P01	P02	PRI & NEUT - #2 ACSR	(1)	85	
P01	P03	PRI - #2 ACSR	(3)	145	
P01	P03	NEUT - #4 ACSR	(1)	145	
P02	P04	PRI - #2 ACSR	(3)	145	
P02	P04	NEUT - #4 ACSR	(1)	145	
P07	P08	PRI & NEUT - #2 ACSR	(2)	55	
P03	P04	SEC - OH TPLX	(1)	100	
P06	P11	PRI - 336.4 ACSR	(3)	165	
P06	P11	NEUT - #4 ACSR	(1)	165	

POLE RETIREMENT TABLE

Wk Loc	Pole Data Grid #	Length	Class	Year	Pole TOPPED	Pole RMVD	TEMP TRANSFERS TEL	TV	FIBER	ST. LIGHT TRANSFERS TRAN	RMVD	ID NUMBER
IL1	561712-139912											St/Ltg
IL2	561699-139931											St/Ltg
IL3	561693-139926											St/Ltg
IL4	561689-139926											St/Ltg
P02	561670-139932	___	CL_	____								
P03	561678-139937	___	CL_	____								
P04	561684-139928	___	CL_	____								
P05	561686-139934	___	CL_	____								
P06	561719-139925	___	CL_	____								
P07	561629-139888	___	CL_	____								

UG CABLE REMOVAL TABLE

Work Location From	Work Location To	Wire Size & Type	Quantity	Length (per conductor)	Remarks
J01	V01	1/0 AL JACKETED	(3)	60	
J01	J02	1/0 AL JACKETED	(3)	345	
J02	J04	1/0 AL JACKETED	(3)	115	
J04	V02	1/0 AL JACKETED	(3)	30	

Project Manager Contact Information:
Manager: Jim Lengel
Cell Phone: 425-449-9954
E-Mail: James.Lengel@pse.com

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

CALL (800) 424-5555
2 BUSINESS DAYS BEFORE YOU DIG
THIS SKETCH NOT TO BE RELIED UPON FOR EXACT LOCATION OF EXISTING FACILITIES

Developer Locates Req'd	Yes
PSE Locates Req'd	Yes
Outages Req'd	Yes
Flagging Req'd	Yes

REAL ESTATE/EASEMENT REQ'D: PERMIT: City of Tumwater

REV#	DATE	BY	DESCRIPTION
3			
2			
1			

FUNCTION	CONTACT	PHONE NO	DATE
PROJECT MGR	J.Lengel	425-449-9954	07/06/21
ENGR - POWER	M.Taylor	85-5970	07/06/21
ENGR - GAS			
DRAWN BY	MTaylor	85-5970	07/06/21
CHECKED BY			
APPROVED BY			
FOREMAN #1			
FOREMAN #2			
MAPPING			

COUNTY: Thurston | Emer Sect | Gas Wk Ctr | POWER WK CTR: OSTHLE
1/4 SEC: SE¼,Sect34,T18,R02W | OP MAP | PLAT MAP
U-MAP NO: 1802W136 | POWER | OH CKT MAP: 1702W036 | UG CKT MAP: 1802W136 | CIRCUIT NO: BAR-17

JOINT FACILITIES ARRANGEMENTS

UTILITIES	
CONTACT	
PHONE#	

PUGET SOUND ENERGY
DESIGNED BY PSE

PI - RAB @ Capitol Blvd & Trosper Rd
PI - Relocate OH & UG Facilities
Trosper Rd SW & Capitol Blvd
Removal Plan And Notes

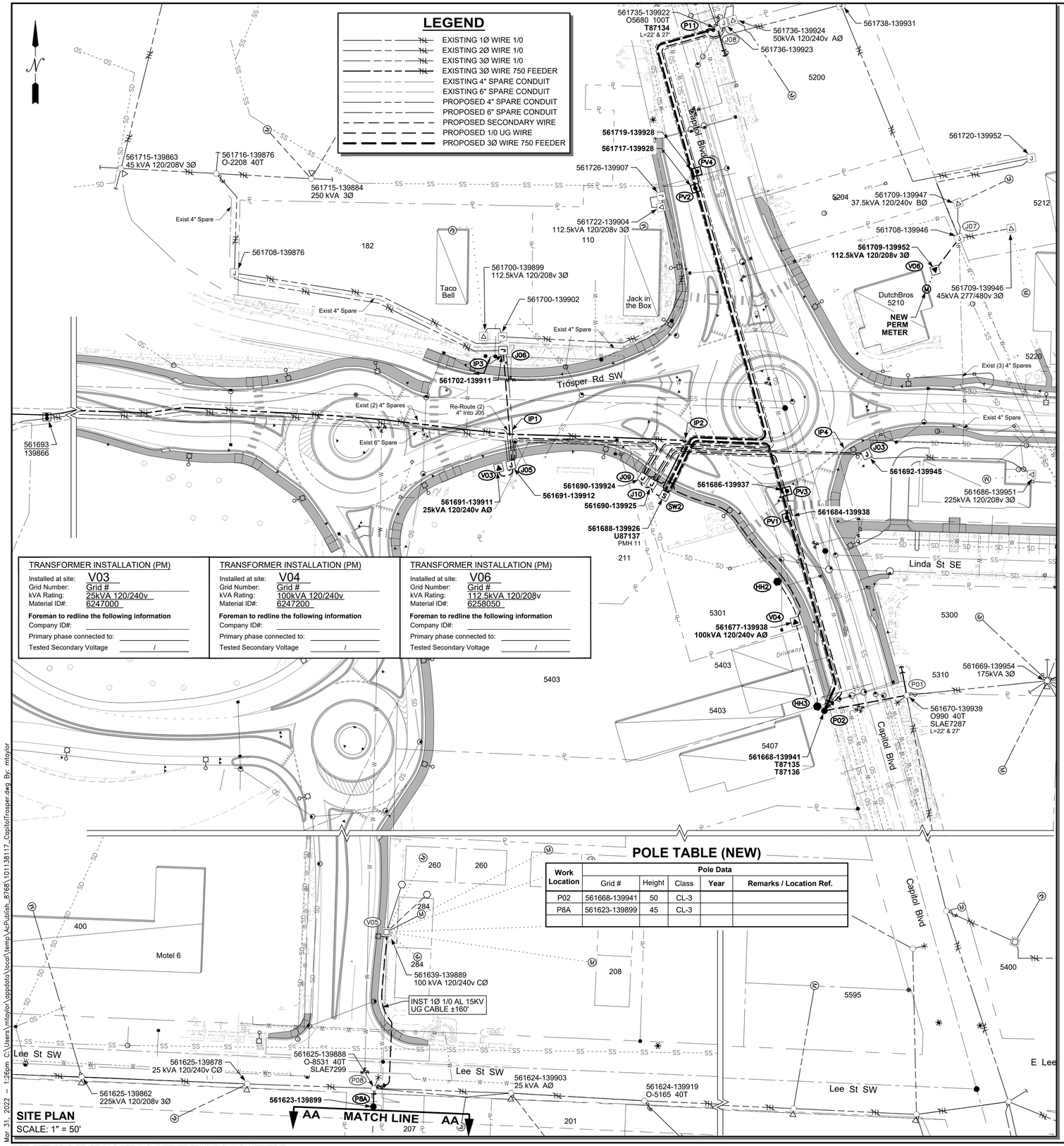
AUD

INCIDENT	MAOP
Gas Order	Elect Order 101138117
SCALE AS NOTED	PAGE 02/05

101138117

SITE PLAN
SCALE: 1" = 50'

Mar 31, 2022 - 1:26pm C:\Users\mtoylor\appdata\local\temp\AcPublish_8768\101138117_CapitolTrosper.dwg By: mtoylor



TRANSFORMER INSTALLATION (PM)		TRANSFORMER INSTALLATION (PM)		TRANSFORMER INSTALLATION (PM)	
Installed at site:	V03	Installed at site:	V04	Installed at site:	V06
Grid Number:	Grid #	Grid Number:	Grid #	Grid Number:	Grid #
kVA Rating:	25kVA 120/240v	kVA Rating:	100kVA 120/240v	kVA Rating:	112.5kVA 120/208v
Material ID#:	6247000	Material ID#:	6247200	Material ID#:	6258050
Foreman to redline the following information		**Foreman to redline the following information**		**Foreman to redline the following information**	
Company ID#:		Company ID#:		Company ID#:	
Primary phase connected to:		Primary phase connected to:		Primary phase connected to:	
Tested Secondary Voltage	/	Tested Secondary Voltage	/	Tested Secondary Voltage	/

POLE TABLE (NEW)

Work Location	Pole Data				
	Grid #	Height	Class	Year	Remarks / Location Ref.
P02	561668-139941	50	CL-3		
P8A	561623-139899	45	CL-3		

SITE SPECIFIC NOTES:

AT IP1
LOCATE AND REDIRECT (2) SPARE 4" CONDUITS INTO (J05)

AT IP2
LOCATE AND REDIRECT 6" CONDUIT & CABLES INTO (SW2)

AT IP3
LOCATE 4" CONDUIT CONTAINING CABLE #s AØ-20073, BØ-20074 & CØ-20075
PULL BACK FROM (J01) AND REDIRECT INTO (J06)

AT IP4
LOCATE AND REDIRECT 4" CONDUITS & CABLES INTO (J03)

AT P01 GRID # 561670-139939 __' CL_ (19__)
INST FG ARM DE (S) - *Std 6033-2030 (DEC3315)*
IN BUCK POSTION
INST SLACK SPAN DE (W) - *Std 6033-5010 (SSFB313)*
INST 7/16" PRI DWN GUY (N) TO 24" PLATE ANCH L=27'
INST 3/8" NEUT DWN GUY (N) TO 20" PLATE ANCH L=22'

AT P02 GRID # 561670-139932 __' CL_ (19__)
REPL __' CL_ (19__) POLE W/ 50' CL3 POLE
INST SLACK SPAN DE (E) - *Std 6033-5010 (SSF312DE)*
INST 200A & 600A DBL TERMINATIONS - *Std 6043-1022 (TSU6D31)*
INST SW BOARDS # T87136 (200A) & # T87135 (600A)
INST GRID # 561668-139941

AT P08 GRID # 561625-139888 __' CL_ (19__)
REMV DEs (N)
INST 3Ø SLACK SPAN DE (S) - *Std 6033-5010 (SSD312)*

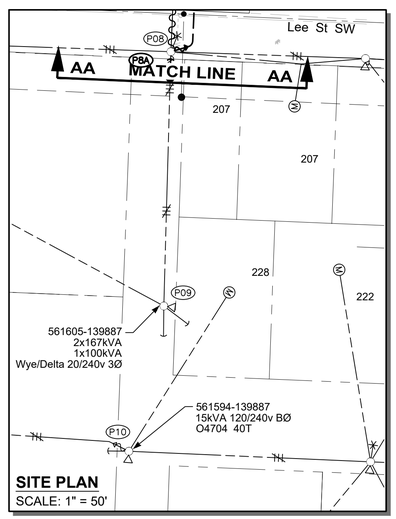
AT P8A
INST 3Ø SLACK SPAN DE (N) - *Std 6033-5010 (SSD312)*
INST 3Ø DE (S) - *Std 6033-1040 (DE2315)*
INST GRID # 561623-139899

AT P11 GRID # 561735-139922 __' CL_ (19__)
INST 3Ø DE (N) - *Std 6033-1042 (DE3315)*
INST 7/16" PRI DWN GUY (S) TO 24" PLATE ANCH L=27'
INST 3/8" NEUT DWN GUY (S) TO 20" PLATE ANCH L=22'
INST 600A FEEDER TERM - *Std 6043-1020 (TSU3DF1)*

AT J03
INST 4'-8"x 7' VAULT & COVER
INST (3) 4POS J-BOX
INST (6) L/B ELBOWS & (6) INSUL CAPS
INST GRID # 561692-139945

AT J05
INST 4'-8"x 7' VAULT & COVER
INST (3) 4POS J-BOX
INST (10) L/B ELBOWS & (2) INSUL CAPS
INST GRID # 561691-139912

ENLARGEMENT DETAIL (PV1 & PV3)
SCALE: 1" = 20'



SITE PLAN
SCALE: 1" = 50'

SITE SPECIFIC NOTES Continued:

AT J06
INST 4'-8"x 7' VAULT & COVER
INST (3) 4POS J-BOX
INST (6) L/B ELBOWS & (6) INSUL CAPS
INST GRID # 561702-139911

AT J07 GRID # 561708-139946 EXIST 3Ø J-BOX
INST (3) L/B ELBOWS

AT J08 GRID # 561736-139923 EXIST 3Ø J-BOX
INST (3) L/B ELBOWS

AT J09
INST 4'-8"x 7' VAULT & COVER
INST (3) 4POS J-BOX
INST (10) L/B ELBOWS & (2) INSUL CAPS
INST GRID # 561690-139924

AT J10
INST 4'-8"x 7' VAULT & COVER
INST (3) 4POS J-BOX
INST (12) L/B ELBOWS
INST GRID # 561690-139925

AT V03
INST SML UNISTRUT MP HH & GNDS
SET 25kVA PM XFMR 120/240V FACING SOUTH **3-14**
INST L/B ELBOW & INSUL CAP
INST (3) 6 HOLE #6-350 MCM SEC CONN BARS WITH 5/8" STUD ADAPTERS
CONNECT CUST RAN UG SVC (_) RUNS OF ___ UG TPLX
INST GRID # 561691-139911

AT V04
INST LRG MP HH & GNDS
SET 100kVA PM XFMR 120/240V FACING SOUTH **3-14**
INST L/B ELBOW & INSUL CAP
INST (3) 6 HOLE #6-350 MCM SEC CONN BARS WITH 5/8" STUD ADAPTERS
CONNECT CUST RAN UG SVC (_) RUNS OF ___ UG TPLX
INST GRID # 561677-139938

AT V05
INST (3) L/B ELBOWS

AT V06
INST 4'8" SQ VAULT W/4'8"x 5'6" COVER
SET 112.5kVA 3Ø PM XFMR 120/208v FACING NORTH
INST (3) L/B ELBOWS
INST (_) 4 POS SEC CONNECTORS
INST GRID # 561709-139952
CONNECT & TAG CUST RAN UG SVC LINES (_) RUNS OF ____KCM

AT PV1
INST 5106 PULL VAULT WITH TRAFFIC LID - *Std 6051-2000 (SVTMHD)*
INST (3) 750 SPLICES - *Std 6041-2000 (SPL750)*
INST GRID # 561684-139938

AT PV2
INST 5106 PULL VAULT WITH TRAFFIC LID - *Std 6051-2000 (SVTMHD)*
INST (3) 750 SPLICES - *Std 6041-2000 (SPL750)*
INST GRID # 561717-139928

AT PV3
INST 575 PULL VAULT WITH TRAFFIC LID - *Std 6051-2000 (SV5MHD)*
INST (3) 1/0 SPLICES - *Std 6041-2000 (SPL10J)*
INST GRID # 561686-139937

AT PV4
INST 575 PULL VAULT WITH TRAFFIC LID - *Std 6051-2000 (SV5MHD)*
INST (3) 1/0 SPLICES - *Std 6041-2000 (SPL10J)*
INST GRID # 561719-139928

AT SW2
INST HH 5106 W/ 3'sq & 54"x 60" HOLE (MID # 7906902)
INST PMH11 PAD MOUNT SWITCH - *Std 6056-1000 (PMH115)* **2-44n**
INST SWITCH # U87137
INST (3) 150E FUSES
INST (9) TERM 15KV 750 KcMil AL CS LUGs (TER750C) **2-58** (3)
INST (3) TERM 15KV 1/0 SOL JACK CS PINs (TER10JC) **2-57**
INST GRID # 561693-139934

101138117

Project Manager Contact Information:
Manager: Jim Lengel
Cell Phone: 425-449-9954
E-Mail: James.Lengel@pse.com

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CALL (800) 424-5555
2 BUSINESS DAYS BEFORE YOU DIG
THIS SKETCH NOT TO BE RELIED UPON FOR EXACT LOCATION OF EXISTING FACILITIES

Developer Locates Req'd	Yes
PSE Locates Req'd	Yes
Outages Req'd	Yes
Flagging Req'd	Yes

REAL ESTATE/EASEMENT		PERMIT	
REQ'D		City of Tumwater	

REV#	DATE	BY	DESCRIPTION
3			
2			
1			

COUNTY		Emer Sect	Gas Wk Ctr	POWER WK CTR	
Thurston				OSTHLE	
1/4 SEC		OP MAP		PLAT MAP	
SE¼,Sect34,T18,R02W					
U-MAP NO	POWER	OH CKT MAP	UG CKT MAP	CIRCUIT NO	
1802W136		1702W036	1802W136	BAR-17	

FUNCTION	CONTACT	PHONE NO	DATE
PROJECT MGR	J.Lengel	425-449-9954	07/06/21
ENGR - POWER	M.Taylor	85-5970	07/06/21
ENGR - GAS			
DRAWN BY	MsTaylor	85-5970	07/06/21
CHECKED BY			
APPROVED BY			
FOREMAN #1			
FOREMAN #2			
MAPPING			

JOINT FACILITIES ARRANGEMENTS

UTILITIES	
CONTACT	
PHONE#	

PUGET SOUND ENERGY
DESIGNED BY PSE

PI - RAB @ Capitol Blvd & Trosper Rd
PI - Relocate OH & UG Facilities
Trosper Rd SW & Capitol Blvd
Construction Plan & Notes

INCIDENT	MAOP
Gas Order	Elect Order 101138117
SCALE AS NOTED	PAGE 03/05

AUD

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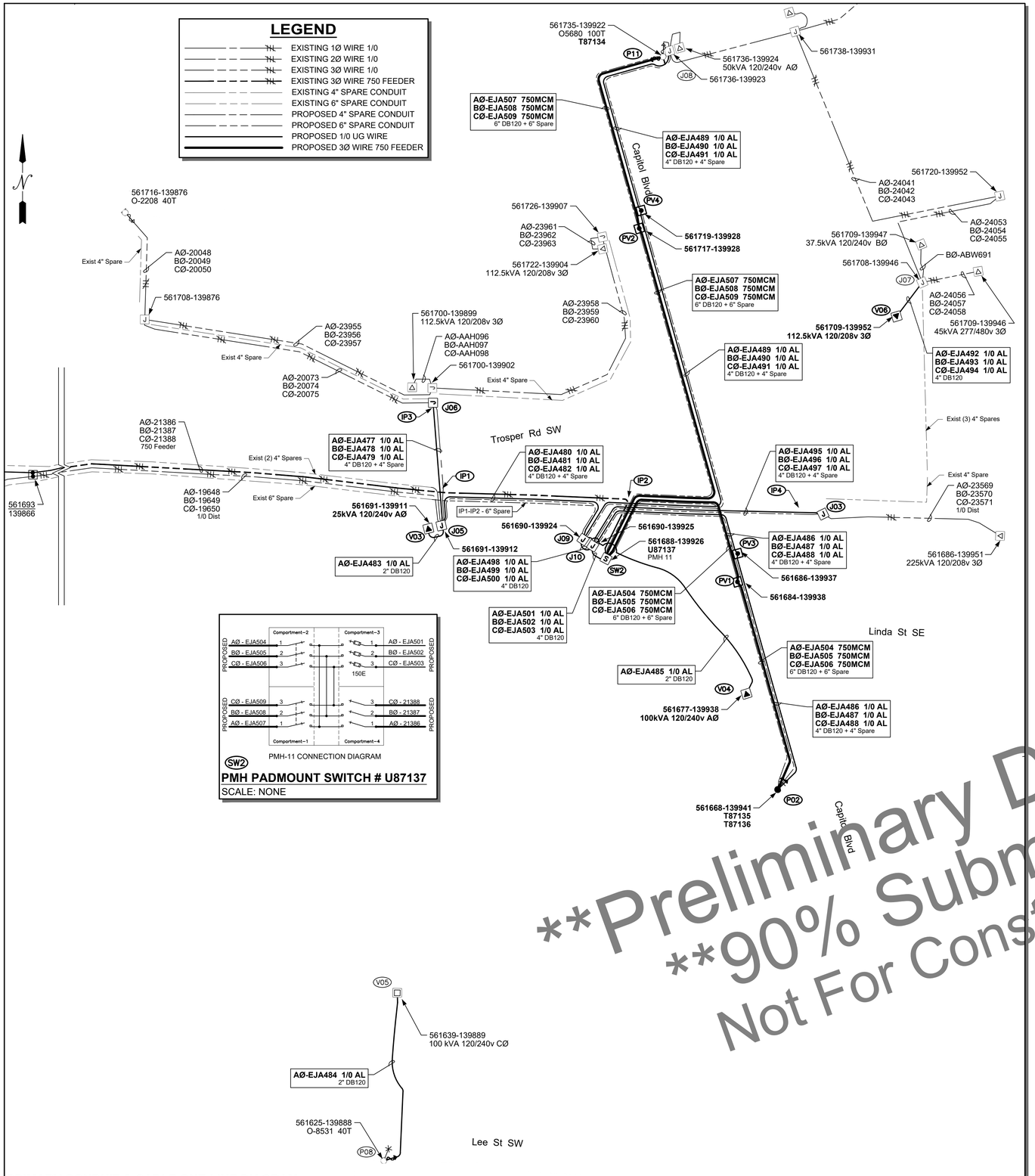

PRIMARY CABLE & CONDUIT TABLE

LOCATION		CONDUIT								PRIMARY CABLE								ASBUILT INFORMATION
		SIZE	Qty	Design Length (ft)	BENDS				PULL	PULL	Cable	Design Length (ft)	Total Actual Cable (ft)	Cable Numbers			Please Record			Foreman - Complete
FROM	TO	(in)			90°	45°	22°	11°	(lbs)	Rev (lbs)	Size			A	B	C	Manufacturer	Compound	Year	Actual Amount Installed (Conduit & Cable)
J05	J06	4"	2	110	0	1	0	0	154.7	159.6	1/0 UG	130		EJA477	EJA478	EJA479				
J05	J09	4"	2	200	1	1	0	0	212.6	207.1	1/0 UG	220		EJA480	EJA481	EJA482				
J05	V03	2"	1	27	2	0	0	0	66	66	1/0 UG	47		EJA483						
P08	V05	2"	1	159	1	2	0	0	83.5	78.8	1/0 UG	179		EJA484						
J09	V04	2"	1	218	2	1	0	0	108.4	123.9	1/0 UG	238		EJA485						
P02	PV3	4"	2	220	2	0	0	0	217.7	232.6	1/0 UG	240		EJA486	EJA487	EJA488				
PV3	J10	4"	2	170	2	0	1	1	332	321.4	1/0 UG	190		EJA486	EJA487	EJA488				
J09	PV4	4"	2	410	2	0	1	1	529	447.4	1/0 UG	430		EJA489	EJA490	EJA491				
PV4	J08	4"	2	190	2	0	1	0	418.2	524.6	1/0 UG	210		EJA489	EJA490	EJA491				
J07	V06	4"	2	40	1	0	0	0	145.1	150.9	1/0 UG	60		EJA492	EJA493	EJA494				
J10	J03	4"	2	221	1	0	0	2	263	238.6	1/0 UG	241		EJA495	EJA496	EJA497				
J10	J09	4"	1	19	0	0	0	0	230.4	230.4	1/0 UG	39		EJA498	EJA499	EJA500				
SW2	J10	4"	1	20	1	1	0	0	149	149	1/0 UG	40		EJA501	EJA502	EJA503				
P02	PV1	6"	2	190	0	0	0	2	519.2	515.1	750 UG	210		EJA504	EJA505	EJA506				
PV1	SW2	6"	2	200	2	1	0	1	866.7	853.7	750 UG	220		EJA504	EJA505	EJA506				
SW2	PV2	6"	2	370	2	0	0	2	1112.1	1446.8	750 UG	390		EJA507	EJA508	EJA509				
PV2	P11	6"	2	200	1	0	0	0	686.1	634.4	750 UG	220		EJA507	EJA508	EJA509				
IP1	IP2	6"	1	170																

				90°	45°	22°	11°	BellEnds
Total:	2"		404	5	3	0	0	18
Total:	4"		3,161	12	3	3	4	70
Total:	6"		2,090	5	1	0	5	18

Total:	1/0	5,864
Total:	750	3,120

VAULT & EQUIPMENT TABLE

SITE	GRID NUMBER	VAULT SIZE & COVER	TYPE & SIZE EQUIPMENT IN VAULT	PRIMARY BUSHINGS		TRANSFORMER ID NUMBERS (Company ID)	ASBUILT INFORMATION Foreman-Complete
				LB	DC		
J03	561692-139945	JBOX15L (5'x7'x6')	(3) 200A J-BOX MID 7625900	3			
J05	561691-139912	JBOX15L (5'x7'x6')	(3) 200A J-BOX MID 7625900	7	5		
J06	561702-139911	JBOX15L (5'x7'x6')	(3) 200A J-BOX MID 7625900	7	5		
J09	561690-139924	JBOX15L (5'x7'x6')	(3) 200A J-BOX MID 7625900	7	5		
J10	561690-139925	JBOX15L (5'x7'x6')	(3) 200A J-BOX MID 7625900	7	5		
V03	561691-139911	36"x 42"x 38" Sml Unistrut MP HH MID 7663001	25kVA 120/240v MID 6247000	1	1		
V04	561677-139938	48"x 48"x 38" Lrg Unistrut MP HH MID 7663002	100kVA 120/240v MID 6247200	1	1		
V06	561709-139952	4'8" x 4'8" x 3'6" Vault MID 7663900 4'8" x 5'6" x 6" Cover MID 7655200	150kVA 120/208v MID 6258100	1	1		
PV1	561686-139937	8'4"x11'10"x7'6" Vault MID 7906800 HD Frame & Cover 42" MH MID 9995596 (2) 6" & 12' Ring Risers	(3) 750 Splices Std 6041.2000_SPL750	-	-		
PV2	561717-139928	8'4"x11'10"x7'6" Vault MID 7906800 HD Frame & Cover 42" MH MID 9995596 (2) 6" & 12' Ring Risers	(3) 750 Splices Std 6041.2000_SPL750	-	-		
PV3	561684-139938	4'8"x7'x7" Vault MID 9996930 HD Frame & Cover 42" MH MID 9995596 (2) 6" & 12' Ring Risers	(3) 1/0 Splices Std 6041.2000_SPL10J	-	-		
PV4	561719-139928	4'8"x7'x7" Vault MID 9996930 HD Frame & Cover 42" MH MID 9995596 (2) 6" & 12' Ring Risers	(3) 1/0 Splices Std 6041.2000_SPL10J	-	-		
SW2 U87137	561688-139926	5106 Switch Vault & Cover MID 7906902	PMH11 PM Switch Gear MID 7833800 1 Pos. 200A & 3 Pos. 600A Fuse 150E MID 3285200				

	LoadBreak Elbows	Dust Covers
Totals :	34	23

101138117

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THIS SKETCH NOT TO BE RELIED UPON FOR EXACT LOCATION OF EXISTING FACILITIES

Developer Locates Req'd Yes
PSE Locates Req'd Yes
Outages Req'd Yes
Flagging Req'd Yes

REAL ESTATE/EASEMENT REQ'D
PERMIT City of Tumwater

REV#	DATE	BY	DESCRIPTION
3			
2			
1			

FUNCTION	CONTACT	PHONE NO	DATE
PROJECT MGR	J.Lengel	425-449-9954	07/06/21
ENGR - POWER	M.Taylor	85-5970	07/06/21
ENGR - GAS			
DRAWN BY	M.Taylor	85-5970	07/06/21
CHECKED BY			
APPROVED BY			
FOREMAN #1			
FOREMAN #2			
MAPPING			

COUNTY: Thurston
Emer Sect | Gas Wk Ctr | POWER WK STR | OSTHLE
1/4 SEC: SE¼,Sect34,T18,R2W
OP MAP | PLAT MAP
U-MAP NO: 1802W136
POWER | OH CKT MAP | UG CKT MAP | CIRCUIT NO
1702W033 | 1802W136 | BAR-17

JOINT FACILITIES ARRANGEMENTS

UTILITIES
CONTACT
PHONE#

DESIGNED BY PSE

PUGET SOUND ENERGY

PI - RAB @ Capitol Blvd & Trosper Rd
N/API - Relocate OH & UG Facilities
Trosper Rd SW & Capitol Blvd
Cable & Conduit Plan And MiscTables

AUD

INCIDENT | MAOP
Gas Order | Elect Order 101138117
SCALE AS NOTED | PAGE 04/05

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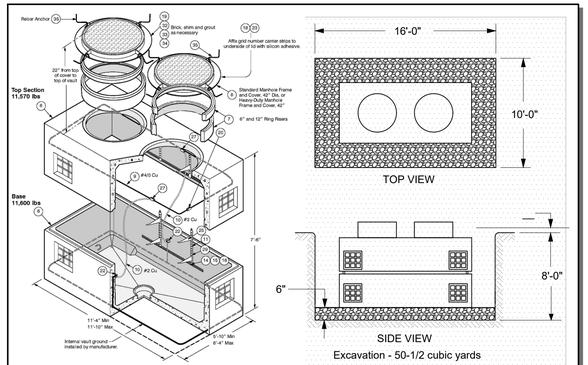
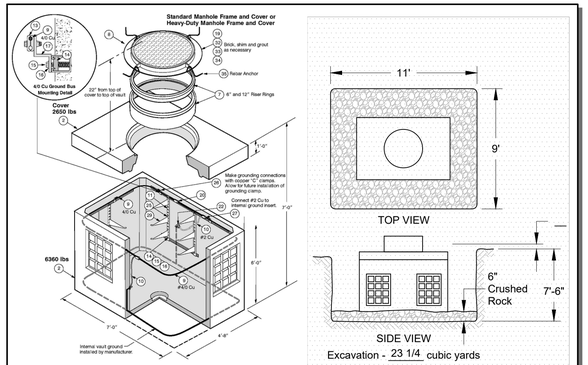


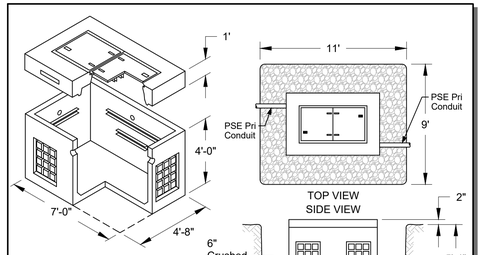
VAULT & EXCAVATION DETAIL PV1 & PV2

SCALE: NONE 6051.2000 fig10



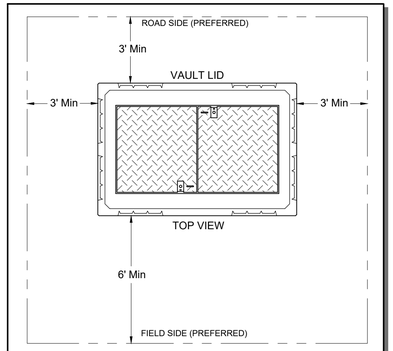
VAULT & EXCAVATION DETAIL PV3 & PV4

SCALE: NONE 6051.2000 fig3



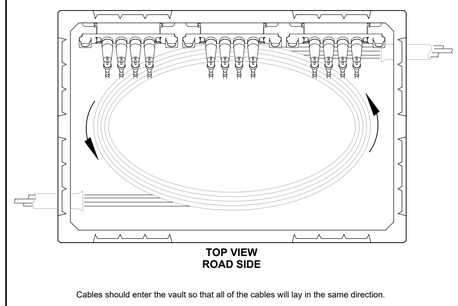
J-BOX VAULT DETAIL

SCALE: NONE



CLEARANCES FOR J-BOX

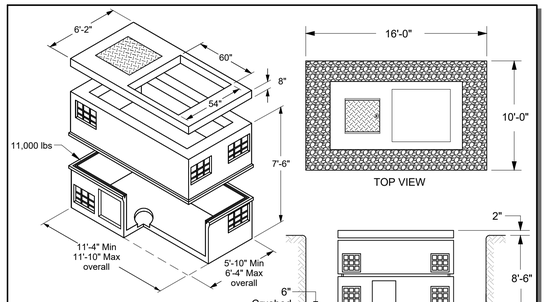
SCALE: NONE 6775.0035.02



Cables should enter the vault so that all of the cables will lay in the same direction.

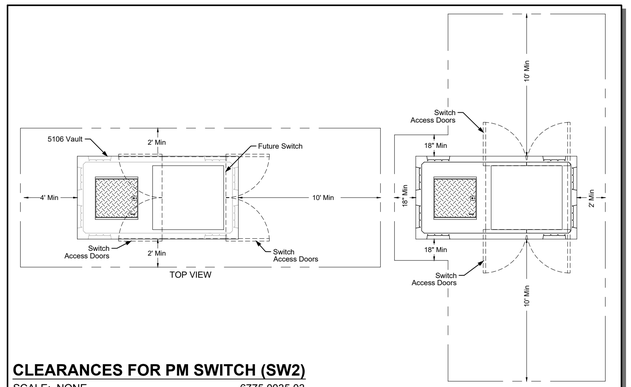
J-BOX CABLE ENTRY DETAIL

NOT TO SCALE 575 VAULT DETAIL



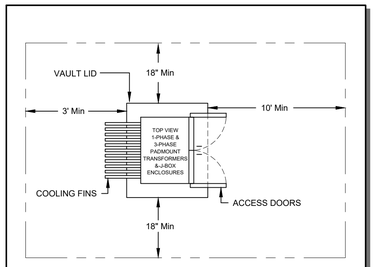
PM SWITCH VAULT & EXCAVATION DETAIL (SW2)

SCALE: NONE 6051.2000



CLEARANCES FOR PM SWITCH (SW2)

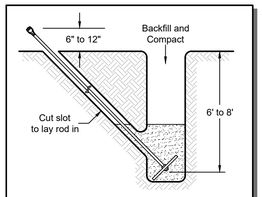
SCALE: NONE 6775.0035.03



CLEAR WORKING SPACE FOR PM XFMRS

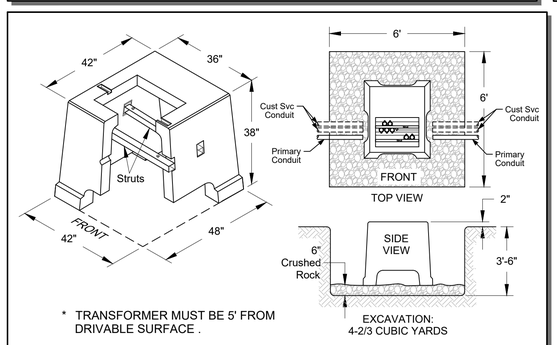
CLEARANCES FOR PM XFMR

SCALE: NONE 6775.0035.01



ANCHOR DETAIL - PLATE

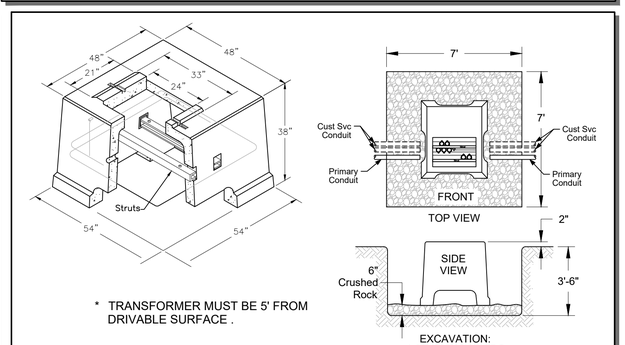
Not To Scale



* TRANSFORMER MUST BE 5' FROM DRIVABLE SURFACE .

VAULT DETAIL (V03)

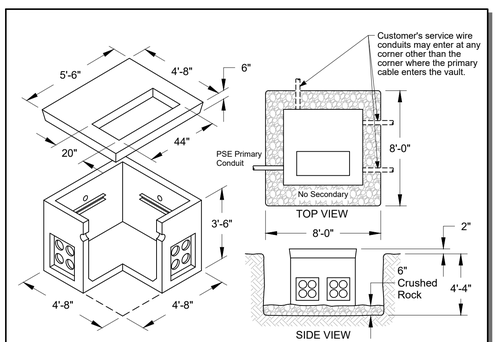
SCALE: NONE



* TRANSFORMER MUST BE 5' FROM DRIVABLE SURFACE .

VAULT DETAIL (V04)

SCALE: NONE



VAULT DETAIL (V06)

SCALE: NONE

101138117

Project Manager Contact Information:

Manager: Jim Lengel
Cell Phone: 425-449-9954
E-Mail: James.Lengel@pse.com

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

CALL (800) 424-5555
2 BUSINESS DAYS BEFORE YOU DIG

THIS SKETCH NOT TO BE RELIED UPON FOR EXACT LOCATION OF EXISTING FACILITIES

Developer Locates Req'd	Yes
PSE Locates Req'd	No
Outages Req'd	Yes
Flagging Req'd	Yes

REAL ESTATE/EASEMENT REQ'D | PERMIT City of Tumwater

REV#	DATE	BY	DESCRIPTION
3			
2			
1			

COUNTY Thurston		Emer Sect	Gas Wk Ctr	POWER WK CTR OSTHLE
1/4 SEC SE¼,Sect34,T18,R02W		OP MAP		PLAT MAP
U-MAP NO(POWER) 1802W136		OH CKT MAP 1702W09	UG CKT MAP 1802W136	CIRCUIT NO BAR-17

FUNCTION	CONTACT	PHONE NO	DATE
PROJECT MGR	J.Lengel	425-449-9954	07/06/21
ENGR - POWER	M.Taylor	85-5970	07/06/21
ENGR - GAS			
DRAWN BY	MTaylor	85-5970	07/06/21
CHECKED BY			
APPROVED BY			
FOREMAN #1			
FOREMAN #2			
MAPPING			

JOINT FACILITIES ARRANGEMENTS

UTILITIES			
CONTACT			
PHONE#			

PUGET SOUND ENERGY

DESIGNED BY PSE

PI - RAB @ Capitol Blvd & Trosper Rd

PI - Relocate OH & UG Facilities

Trosper Rd SW & Capitol Blvd

Misc Details

INCIDENT	MAOP
Gas Order	Elect Order 101138117
SCALE AS NOTED	PAGE 05/05

Mar 31, 2022 - 1:26pm C:\Users\mtaylor\appdata\local\temp\AcPublish_8768\101138117_CopiloTrosper.dwg By: mtaylor