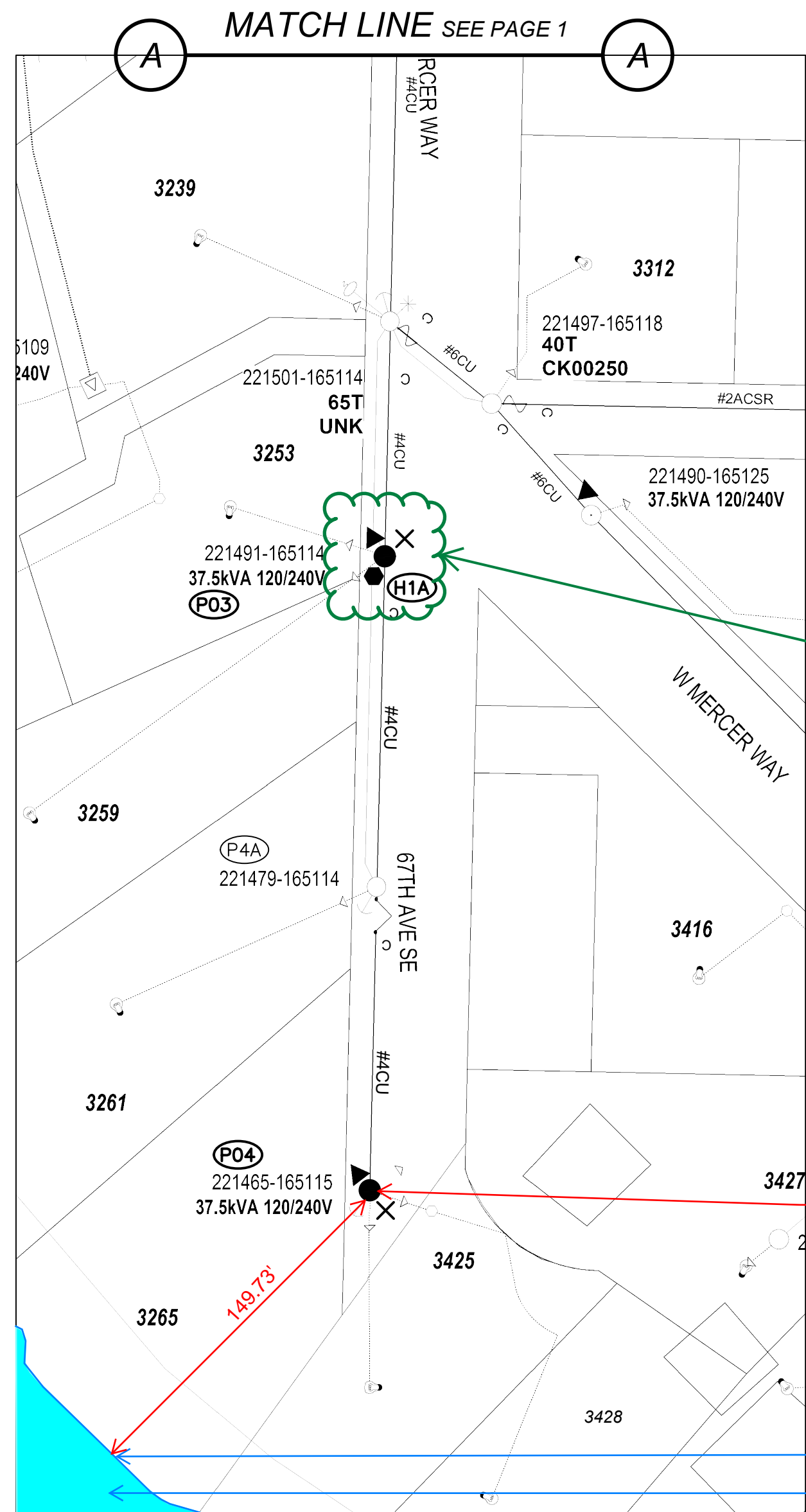
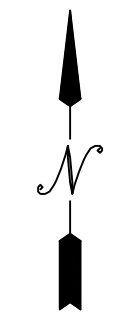


MER-13 REPL POLES DISTRIBUTION POLE REPLACEMENT



Hazard tree removal is require at Pole 3 (P03). The Juniper has been added to the PSE annual ROW tree work permit and PSE will pay the fee-in-lieu. THE TREE IS NOT IN SHORELINE JURISDICTION.

Pole 4 (P04) is approximately 149.73 ft from the Lake Washington OHWM in the ROW in Shoreline Jurisdiction.

Approx OHWM location
Lake Washington

P03: 221491-165114 (Avg. Span = 118', Angle = 2°)
TREE REMOVAL REQUIRED
-EX 40' CL 3, 1974 POLE TO BE REPLACED
-INST 45' CL 3 (PD453) 6010.1000
-INST 10 PTP #4CU (TAN115) 6031.1010
-ROLL NEUT TO COMMON POSITION
-TRANSFER 1Ø #4CU PRI & NEUT (N/S)
-RM DBL BUSH 37.5kVA 120/240V XFMR & L/B C/O
-INST 37.5kVA 120/240V XFMR & L/B C/O (TRFPXF) 6025.1000
-TRANSFER (2) OH TPX SEC'S
-RM (2) EX CUST OWNED RISERS
-INST 3" RISER (RIS3CSS) 6042.1000
-TOP POLE ABOVE COMM
-REMOVE POLE STUB AFTER COMM HAS TRANSFERRED

TRANSFORMER REMOVAL		TRANSFORMER INSTALLATION	
Installed at site:	P03	Installed at site:	P03
Grid Number:	221491-165114	Grid Number:	221491-165114
kVA Rating:	37.5kVA	kVA Rating:	37.5kVA
Material ID#:		Material ID#:	6211300
Foreman to reline the following information		Foreman to reline the following information	
Company ID#:		Company ID#:	
Primary phase connected to:		Primary phase connected to:	
Tested Secondary Voltage:	/	Tested Secondary Voltage:	/

P04: 221465-165115
BRUSH REMOVAL REQ'D
TREE TRIMMING REQ'D
-EX 40' CL 4, 1962 POLE TO BE REPLACED
-INST 45' CL 3 (PD453) 6010.1000
-INST 1Ø SLACK SPAN DE #4CU (SSDD112) 6031.5010
-TRANSFER 1Ø #4CU PRI & NEUT (N)
-TRANSFER 37.5kVA 120/240V XFMR
-RM (3) EX RISERS (1 IDLE & 1 CUST OWNED)
-INST 3" RISER (RIS3CSS) 6042.1000
-TRANSFER 350 UG TPX SEC; EXTEND AS REQ'D
-ACTUAL 350 UG TPX ADDED L= _____ BATCH YEAR _____
-ACTUAL TRENCH L= _____
-RM IDLE 4/0 UG TPX SEC'S; ±35'
-CUT AT BASE OF POLE
-ACTUAL 4/0 UG TPX REMOVED L= _____ BATCH YEAR _____
-ACTUAL TRENCH L= _____
-RETIRE ON WO#(108148466)
-RM EX DG & ANC (W)
-CUT ANC 6" BELOW GRADE
-TOP POLE ABOVE COMM
-REMOVE POLE STUB AFTER COMM HAS TRANSFERRED

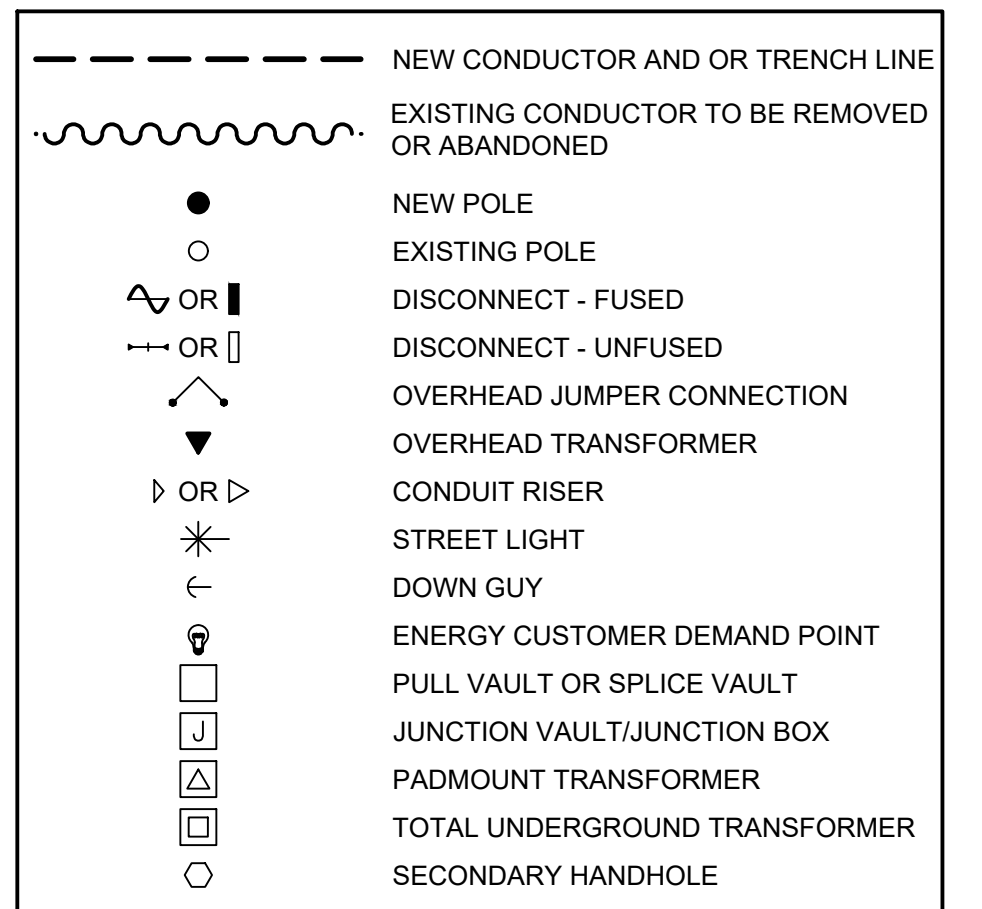
P4A: 221479-165114
BRUSH REMOVAL REQ'D
-EX 40' CL 3, 1988 POLE TO REMAIN
-RM EX PRI & NEUT DE'S (S)
-INST 1Ø SLACK SPAN DE #4CU (SSDD112) 6031.5010
-RM EX DG
-INST 3/8" PRI & NEUT DG'S (GYD3SA)(GYD3SAN) 6013.0100 TO EX ANC

General
- Return removed materials to the local storeroom or PSE storeroom.

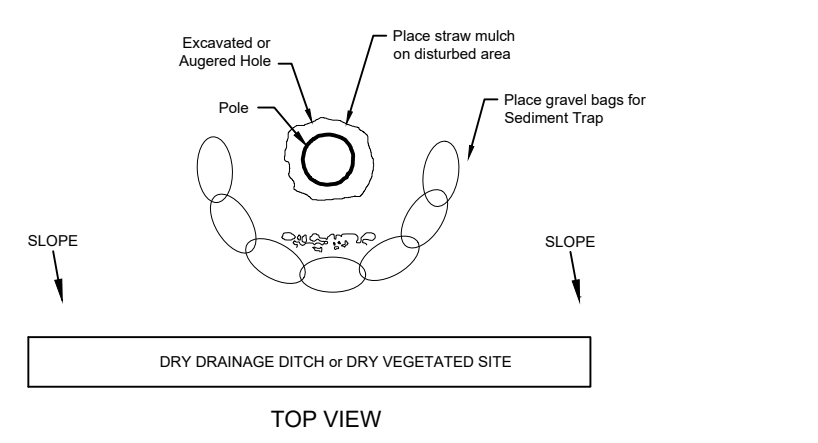
OVERHEAD CONSTRUCTION
Poles & Structures
- All new poles set shall be the class indicated on the sketch, or better. Do not set a lower class pole than specified.
- Install ground plate assembly on all new poles. Install Switch Ground Assembly per standard specification 6014.1000 at new gang operated 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.
- For 12kV construction, always install avian protection with 4/0 Cu covered jumpers and #4 SD aluminum-covered tie-wire (MID 8454500). For 34 kV construction, use bare wire primary jumpers with preformed helical grip ties.
- Apply avian protection devices when required per Standard 6015.2000.
- 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.



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.)



TRANSFORMER TRANSFER	
New pole at site:	P04
Grid Number:	221465-165115
kVA Rating:	37.5kVA
Foreman to reline the following information	
Company ID#:	
Primary phase connected to:	
Tested Secondary Voltage:	/

SITE PLAN 1 (CONT'D)
1" = 50'

POLE TABLE (NEW)						
Site #	Pole Data					
	Grid #	Height	Class	Year	Remarks / Location Ref.	
P03	221491-165114	45	3			
P04	221465-165115	45	3			
P05	221493-165246	35	3			
P06	221493-165241	45	3			
P08	221433-165182	35	3			

SITE #	POLE DATA						TEMP TRANSFERS			ST. LIGHT TRANSFERS		
	GRID #	HEIGHT	CLASS	YEAR	TOPPED	RMVD	TEL	TV	FIBER	TRAN	RMVD	ID NUMBER
P03	221491-165114	40	3	1974	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P04	221465-165115	40	4	1962	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P05	221493-165246	30	4	1962	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P06	221493-165241	40	4	1953	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P07	221437-165169	30	4	1961	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P08	221433-165182	40	4	1959	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



Vicinity Map
N.T.S.

Owner / Developer Contact Info
PSE
ATTN: KELLY ULICNY 425-429-0949 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

REV#	DATE	BY	DESCRIPTION	ENGR - GAS
3				
2				
1				

REAL ESTATE/EASEMENT	PERMIT
RW-129409 <td>MERCER ISLAND</td>	MERCER ISLAND
FUNCTION	CONTACT
PROJECT MGR	E. GOOD
ENGR - POWER	T. CLARK

REVISION	DATE	BY	DESCRIPTION	ENGR - GAS	PHONE NO	DATE
114	SEC	KING	Emer Sect	N/A	H. MORENO	703-623-8662
	OP MAP	N/A	Gas Wk Ctr	N/A	T. CLARK	206-321-2821
	SEC LIST	N/A	POWER WK CTR	QC/SOKE		
	U-MAP NO (POWER)	OH CKT MAP	PLAT MAP			
	SEE LIST	2405E028	CHECKED BY			
		UG CKT MAP	APPROVED BY			
		CIRCUIT NO	FOREMAN #1			
		SEE LIST	FOREMAN #2			
		MER-13	MAPPING			

JOINT FACILITIES ARRANGEMENTS		
UTILITIES	CENTURYLINK	COMCAST
CONTACT		WA-CLEC
PHONE#		

PUGET SOUND ENERGY
DESIGNED BY ASPLUNDH CONSTRUCTION

MER-13 REPL 2 POLES
DISTRIBUTION POLE REPLACEMENT
3265 67th Ave SE, MERCER ISLAND, WA 98040

INCIDENT	MAOP
N/A	N/A
Gas Order	Elect Order
N/A	101168368
SCALE	PAGE
AS NOTED	1 OF 2

Jan 15, 2024 11:43am \\spesit01\01\Quant\101168366 MER-13 REPL 2 POLES.dwg

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