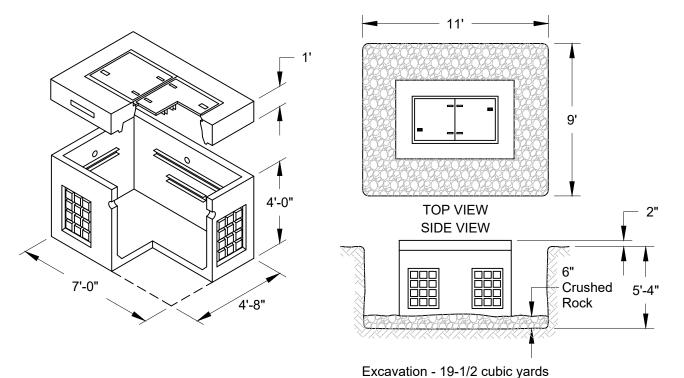
VAULT DETAIL @ V01, V03 & V04 NOT TO SCALE

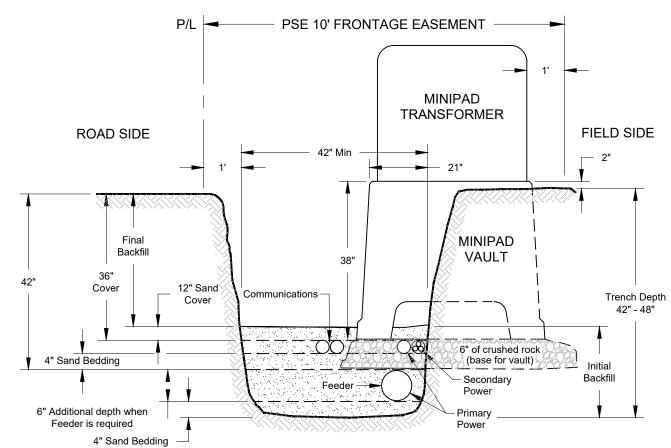


VAULT DETAIL @ J01 & J02 NOT TO SCALE

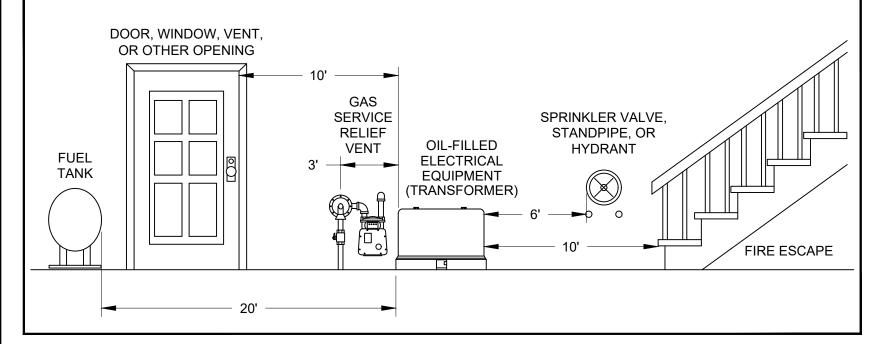
PRFUP20251174

Oil-Filled Equipment Clearances per PSE Std 0700.1500

If the oil-filled equipment is adjacent to	Clearance Requirement
Combustible walls or roof (including stucco).	10 FT
Noncombustible walls, soffits, and roofs (including brick, concrete, steel and stone) providing the side of the transformer facing the wall does not have doors. Materials that pass UBC Std. 2-1 or ASTM E136-79 are considered to be noncombustible.	3 FT
Fire sprinkler valves, standpipes, and fire hydrants.	6 FT
Doors, windows, vents, fire escapes, or other building openings.	10 FT
The water's edge of a swimming pool or any body of water.	15 FT
Individual domestic and irrigation wells. Clearance not required on pole mounted transformers (pole placement still applies as stated in 6450.3000), TUT's installed in sealed vaults, 7200V single-phase padmount transformers 50kva or less, and ones with reduced flammability oil.	100 FT
Facilities used to dispense or store LP, hazardous liquids, or fuel.	20 FT
Gas service meter relief vent.	3 FT
Generators, customer-owned transformers, etc.	6 FT

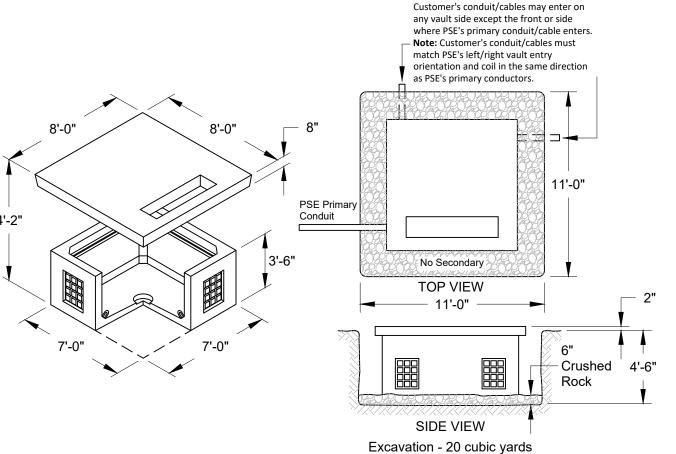


JOINT TRENCH DETAIL

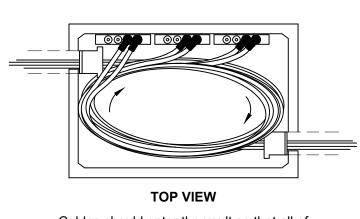


MINIMUM CLEARANCES FROM OIL-FILLED EQUIP. TO BLDG. FEATURES

NOT TO SCALE

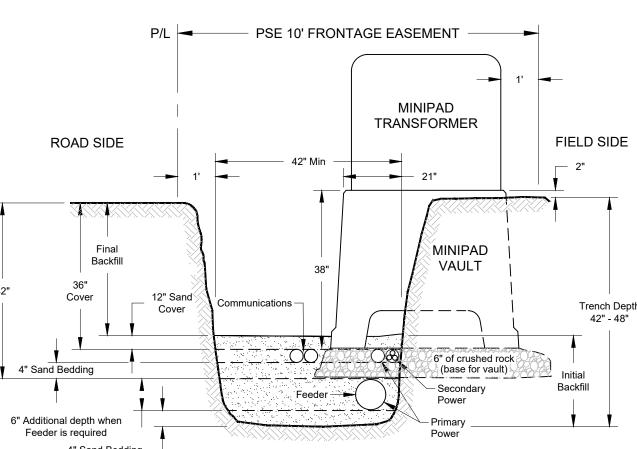


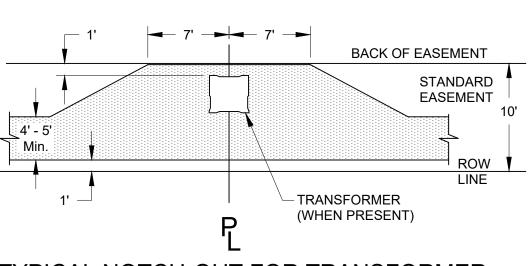
VAULT DETAIL @ V02 NOT TO SCALE



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

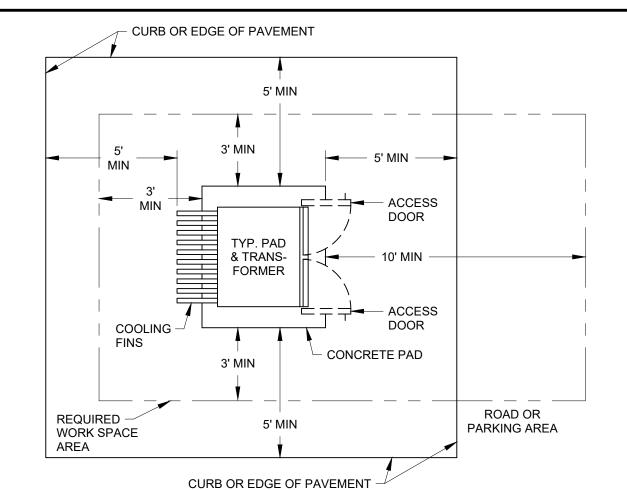
J-BOX CABLE ENTRY DETAIL NOT TO SCALE 12kV CABLE ROUTING



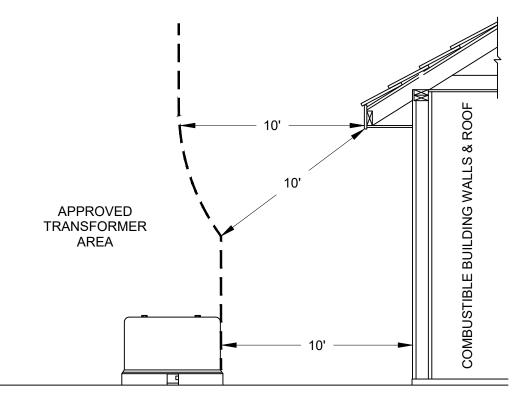


TYPICAL NOTCH-OUT FOR TRANSFORMER, & SECONDARY PEDESTAL/HANDHOLE

NOT TO SCALE



MINIMUM CLEARANCES FOR PSE EQUIPMENT NOT TO SCALE



OIL-FILLED EQUIPMENT

MINIMUM CLEARANCES FOR PSE EQUIPMENT

NOT TO SCALE

City of Puyallup

ISSUED PERMIT

Building

Engineering

Fire

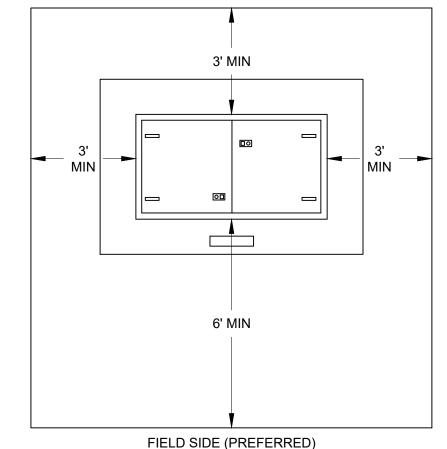
pment & Permitting Services

Planning

Public Works

Traffic

ROAD SIDE (PREFERRED)

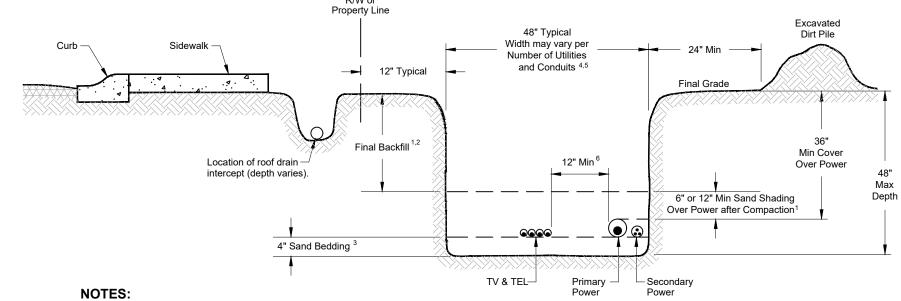


CLEAR WORKING SPACE FOR VAULTS

NOT TO SCALE

4. Utilities shall not be stacked over the gas line in the trench.

* Alternatives to full-width trench shading require PSE approval.



- 1. If the final backfill contains rocks greater than 8 inches in diameter, install 12 inches compacted sand shading across the full width of the trench. * If the final backfill contains rocks 8 inches in diameter or smaller, install 6 inches compacted sand shading across the full width of the trench. * 2. Rocks greater than 10 inches diameter are not permitted in the final backfill.
- 3. Sand bedding is required under PSE gas pipe. Bedding is not required for the full width of the trench; it shall extend from the side of the trench nearest to where the gas main/service is installed to a minimum of 6 inches on the opposite side of the gas line.
- 5. If wet utilities will be included in the trench, please contact PSE or local power company directly for clearance requirements. 6. Reduced clearance of 4 inches between power and communication, must have approval of the communications companies.

JOINT TRENCH DETAIL Primary & Secondary & Communications (NTS)

POWER GENERAL NOTES - MULTIFAMILY PROJECT

- 1. All materials to be installed in accordance with Puget Sound Energy's (PSE) standards. Any deviation from this work sketch must be AUTHORIZED by PSE's Project Manager and NOTED on the Foremans' Copy.
- 2. All switching arrangements and/or outage arrangements are to be made with the Project Manager at least
- 3. Contact the Utilities Underground Location Center (1-800-424-5555) at least 48 hours prior to commencing work to get the underground facilities located.
- 4. STAKING: The customer will provide all staking (transformer, handhole, trench, grade, lot, pole, sidewalk, etc.). See sketch and details for locations. Equipment locations must be approved by the Project Manager.
- 5. SITE PREPARATION: The work area will be at or near finished grade, clear of trench spoils or construction materials which would restrict construction and/or equipment access, before work can begin.
- 6. Roads shall be paved or have a compacted, crushed rock base in place.

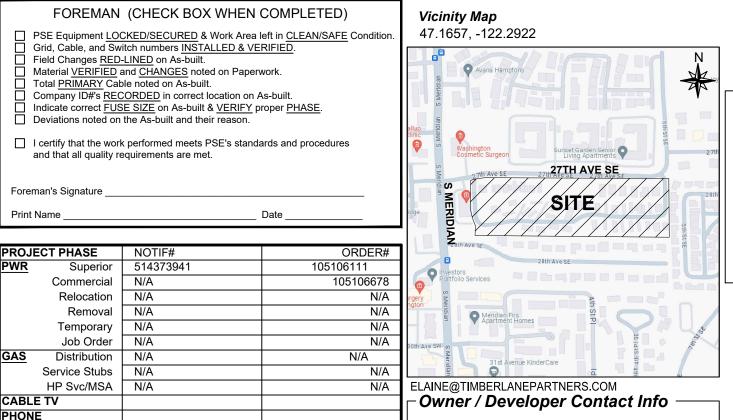
three (3) working days in advance.

- 7. CLEARANCES: Transformers require a minimum of 6 feet from fire fighting equipment, 10 feet from combustible walls, overhangs, doors, and windows, and a minimum of 5 feet from the back of curb (or guard posts will be required per PSE standards). All conduits and vaults are to be at least 5 feet away from water, storm and sewer lines when paralleling them in the right of way, and at least 1 foot when crossing them.
- 8. All work is to be done in accordance with local municipal and county permit requirements as applicable.
- 9. Customer/Developer is responsible to provide, install and maintain all secondary service cables, conduits and crossings from the individual unit's meter base to the designated connection point.
- 10. Inclement weather conditions may cause delays in construction times and dates.
- 11. EXCAVATION: The customer is to provide all trenching, backfill, vault excavations, compaction and restoration per this sketch and per PSE standards. A minimum protective cover of 36" is required over PSE's primary voltage equipment and 24" is required of PSE's secondary voltage equipment. The customer will provide any and all shoring or they will side slope the trench to 1:1.

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.)





BRADLEY HEIGHTS SS, LLC 614 BOYLSTON AVE E SEATTLE, WA 98102 Manager: DON BETTENCOURT

ATTN: ELAINE PALACIOS

For contacts below dial 1-888-CALL PSE (225-5773) CALL (800) 424-5555

"Locates	Developer	Yes X No		Yes No X	<u>PSE</u>	THIS SKETCH NOT TO BE R		SS DAYS BEFORI T LOCATION OF EXISTIN	É YOU DIC	
	"Outages R	lequired"	Yes X		No		REAL ESTATE/EASE	MENT	PERMIT	
	Yes X		No		REDT#(RV	V-135637)	PUYALLUP			
3							FUNCTION	CONTACT	PHONE NO	DATE
2							PROJECT MGR	D. BETTENCOURT	206.445.5958	
1							ENGR - POWER	D. WALKER		10.07.24
REV#	DATE	BY	DESCI	RIPTIO	N		ENGR - GAS	N/A		N/A
COUNTY		Emer Sect	Gas W	/k Ctr	POWE	R WK CTR	DRAWN BY	D. WALKER		10.07.24
PIER	CE	N/A	N/A		QSWPRE		CHECKED BY			
1/4 SEC		OP MAP	MAP		PLAT MAP		APPROVED BY	J. Boland	425-429-4104	3/3/25
03NW-T19	9N-R04E	N/	N/A			N/A	FOREMAN #1			
J-MAP NO (J-MAP NO (POWER)		AP UG CKT		MAP	CIRCUIT NO	FOREMAN #2			
1904E	1904E010		1904E008 190		E010	FRU-22	MAPPING			
					JOI	NT FACILITIES	ARRANGEMENTS			
		1						•		

UTILITIES COMCAST LUMEN RIGHT OF WAY CONTAC DARBY BROYLES BART SISTEK PHONE# 425.293.1340 360.766.5489



DESIGNED BY PUGET SOUND ENERGY

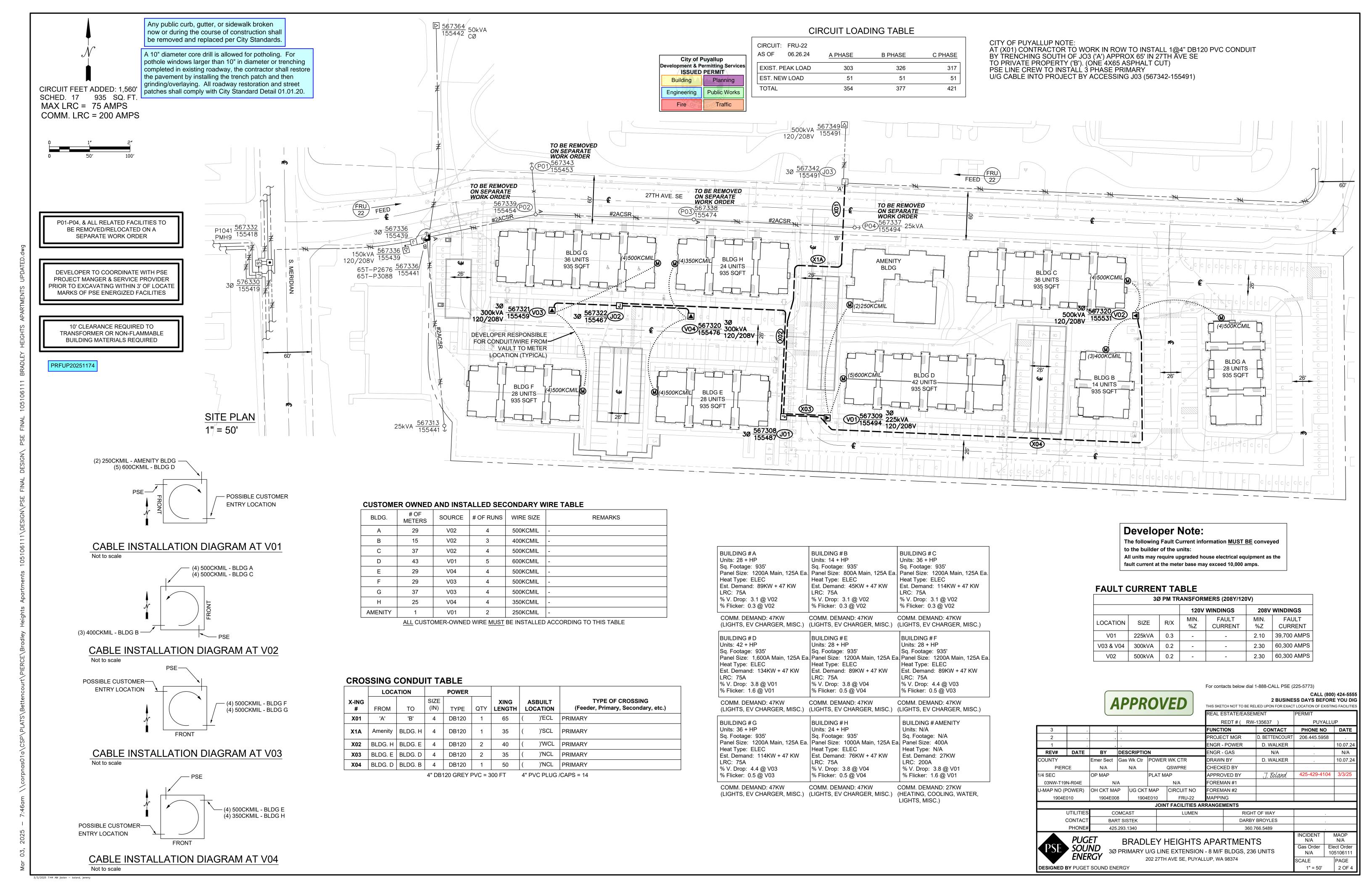
Cell Phone: 206.445.5958

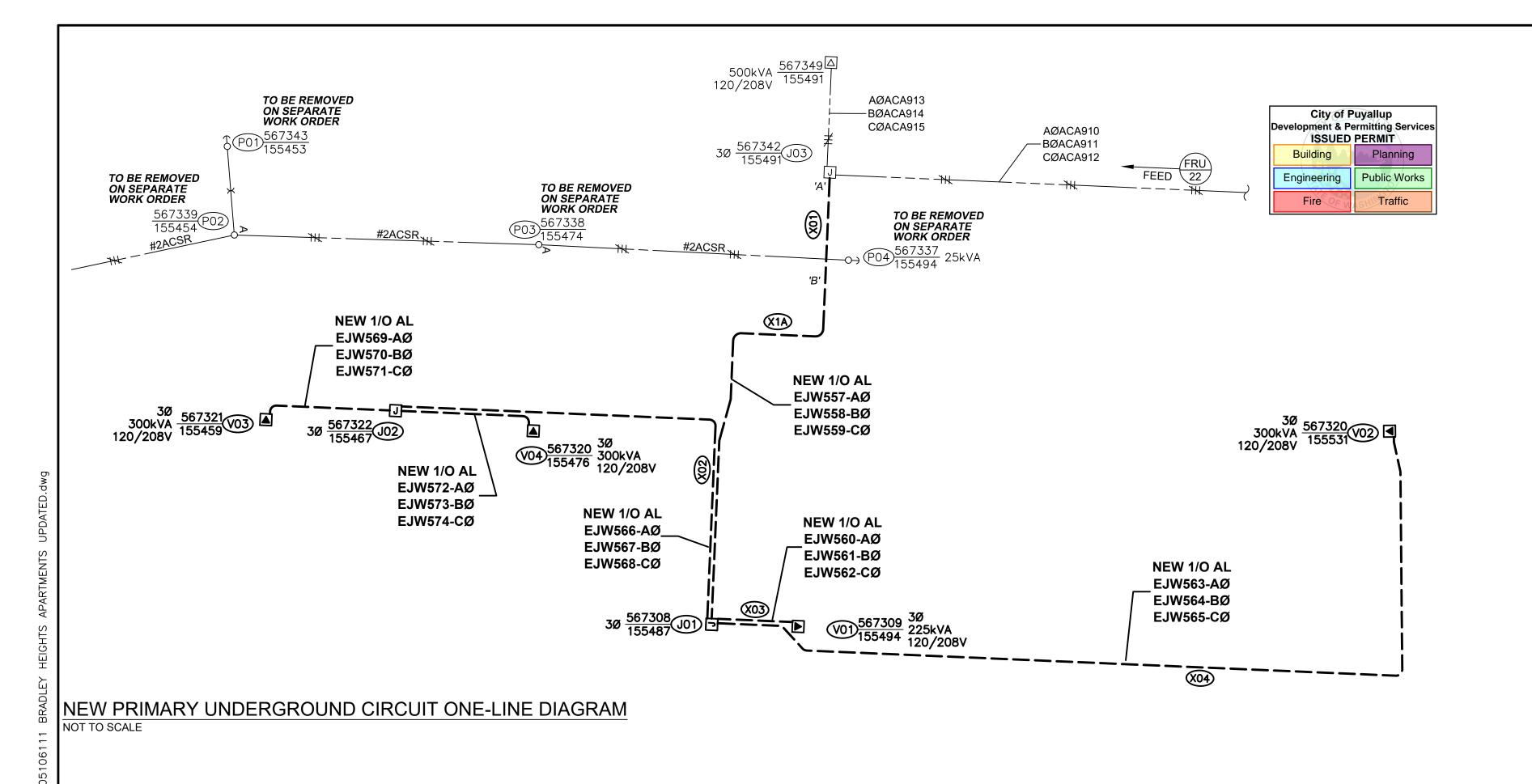
E-Mail: Don.Bettencourt@pse.com

BRADLEY HEIGHTS APARTMENTS BØ PRIMARY U/G LINE EXTENSION - 8 M/F BLDGS, 236 UNITS 202 27TH AVE SE, PUYALLUP, WA 98374

Gas Order Elect Order N/A 105106111 N/A 1 OF 4

206.649.0621 office





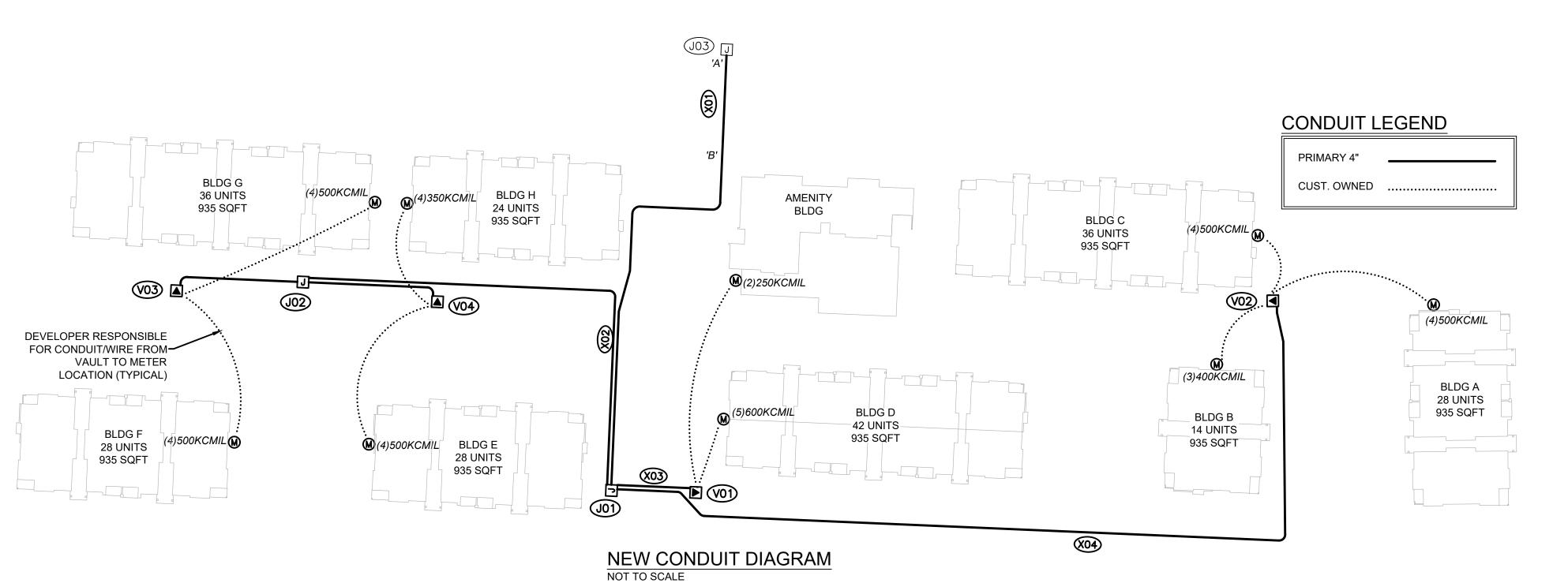
VAULT & FOUIPMENT TABLE

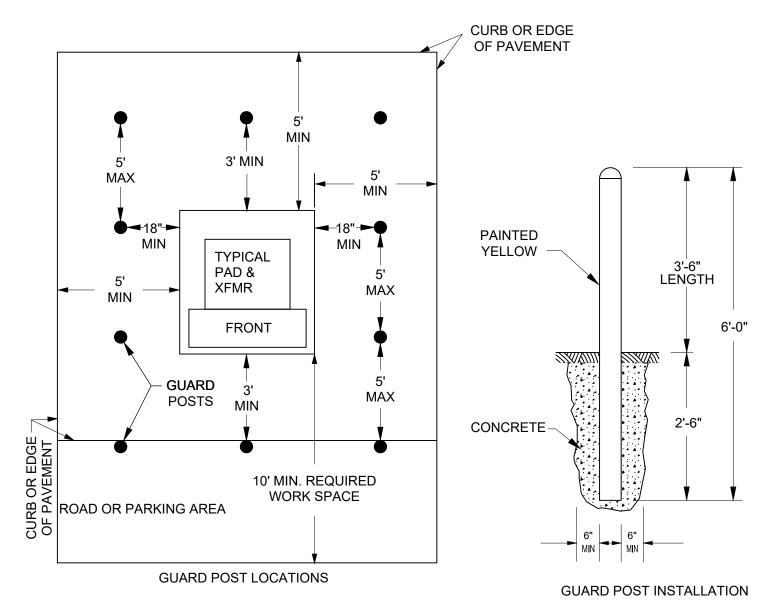
		VAULT SIZE &	TYPE & SIZE EQUIPMENT IN	PRIMARY BUSHINGS		TRANSFORMER ID NUMBERS	AS-BUILT INFORMATION		
SITE#	GRID#	COVER	VAULT	LB	DC	(COMPANY ID)	FOREMAN: INCLUDE PHASE TAPPED		
V01	567309 155494	4'8"x4'8"x4' w/20"x44" Hole Matid: 7663900 Cover: 7655200	225KVA MP TRF 120/208 Matid: 6258150	3	-		PM3P15S 6045.5000 3Ø CONNECTORS (7651001)x4 CONNECTORS (7651002)x4 CONNECTORS (7651003)x4 MOUNTING (7651008)x32		
V02	567320 155531	7'x7x4 w/60"X24" Access 8'x8' Cover Matid: 7917901	500KVA MP TRF 120/208 Matid: 6258250	3	-		PM3P15M 6045.5000 3Ø CONNECTORS (7651002)x12 MOUNTING (7651008)x36		
V03	567321 155459	4'8"x4'8"x4' w/20"x44" Hole Matid: 7663900 Cover: 7655200	300KVA MP TRF 120/208 Matid: 6258200	3	-		PM3P15S 6045.5000 3Ø CONNECTORS (7651002)x8 MOUNTING (7651008)x24		
V04	567320 155476	4'8"x4'8"x4' w/20"x44" Hole Matid: 7663900 Cover: 7655200	300KVA MP TRF 120/208 Matid: 6258200	3	-		PM3P15S 6045.5000 3Ø CONNECTORS (7651002)x8 MOUNTING (7651008)x24		
J01	567308 155487	4'8"x7'x5' w/2-3' Sq Doors Matid: 7663200	J-Box Below Grade w/4-Pos J-Bus x3 Matid: 7625900	12	-		JBOX15L 6055.1030 3Ø ELB10J 6041.1000 CAP (7630600)		
J02	567322 155467	4'8"x7'x5' w/2-3' Sq Doors Matid: 7663200	J-Box Below Grade w/4-Pos J-Bus x3 Matid: 7625900	9	3		JBOX15L 6055.1030 3Ø ELB10J 6041.1000		
Existing J03	567342 155491	4'8"x7'x5' w/2-3' Sq Doors Matid: Existing	J-Box Below Grade w/4-Pos J-Bus x3 Matid: Existing	3	-		ELB10J 6041.1000 TAP 3Ø		

PRFUP20251174

PRIMARY CABLE & CONDUIT TABLE

			` `																									
LOCA	TION			COND	UIT					CABLE						ASBUILT INFORMATION - FOREMAN COMPLETE												
FROM	FROM TO SIZE QTY. LENGTH	SIZE										BENDS			PULL	PULL REV	CABLE	DESIGN LENGTH	Pł	HASE - ID T	AG	REC	ORD		RECORD PHASE TAPPED & ACTUAL FO	OOTAGE INSTALLED	LUBRICA	ANT (Gal.)
FROIVI	10	(IN)	QII.	(FT)	90°	45°	22°	11°	(LBS)	(LBS)	SIZE	(FT)	А	В	С	MANUFACTURER	COMPOUND	YEAR	NOTES	CONDUIT CABLE	EST.	ACTUAL						
J03	J01	4	1	210	2	-	-	2	497	547	1/0 AL JKT	380	EJW557	EJW558	EJW559				-		2.5							
J01	V01	4	1	40	-	-	-	-	210	182	1/0 AL JKT	85	EJW560	EJW561	EJW562				-		0.7							
J01	V02	4	1	525	1	2	2	-	945	785	1/0 AL JKT	620	EJW563	EJW564	EJW565				-		0.6							
J01	J02	4	1	305	1	-	-	-	344	361	1/0 AL JKT	355	EJW566	EJW567	EJW568				-		2.5							
J02	V03	4	1	85	1	•	1	-	236	207	1/0 AL JKT	115	EJW569	EJW570	EJW571				-		0.6							
J02	V04	4	1	95	1	-	1	-	222	197	1/0 AL JKT	125	EJW572	EJW573	EJW574				-		4.3							
	4" PVC (F	-T) & BE	NDS =	1260	6	2	4	2	3Ø 1/0	AL JKT T	OTAL (FT) =	1680								TTL (Gal.)	11.2							





The following styles of guard posts are approved for Puget Sound Energy transformers:

- 6 ft x 4 in. diameter Schedule 40 or better galvanized steel pipe filled with concrete. The concrete shall have a minimum compressive strength of 3000 psi after 28 days. The exposed portion of the post shall be painted traffic yellow.

- 6 ft x 9 in. diameter precast steel-reinforced concrete post. Available from Utility Vault Company, Auburn, WA; or Hanson Inc., Tacoma, WA. The exposed portion of the post shall be painted traffic yellow.

GUARD POST INSTALLATION

NOT TO SCALE

0700.1600-02

DEVELOPER NOTE:

425.293.1340

Developer to install bollards per this detail if transformers cannot be placed a minimum of 5' from drivable surfaces.

For contacts below dial 1-888-CALL PSE (225-5773) CALL (800) 424-5555

360.766.5489

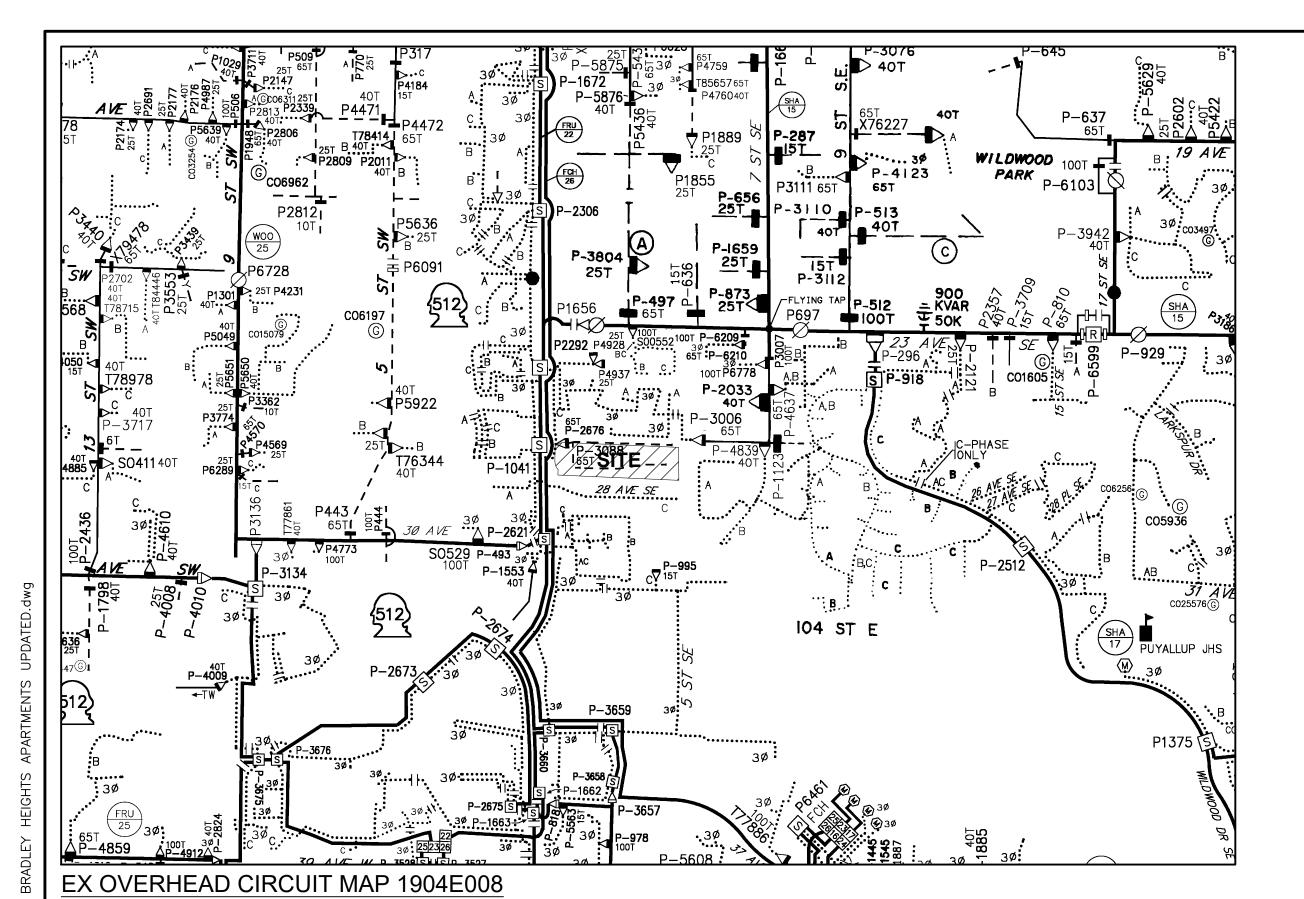
			APPI	20	VED	THIS SKE	TCH NOT TO BE R	2 BUSINE	SS DAYS BEFORI	E YOU DIG		
			<i> \</i>		V L D	REAL E	STATE/EASE	MENT	PERMIT			
						F	REDT#(RW-135637) PUYALLUP					
3						FUNCT	ION	CONTACT	PHONE NO	DATE		
2						PROJE	CT MGR	D. BETTENCOUR	Г 206.445.5958			
1						ENGR -	- POWER	D. WALKER	•	10.07.24		
REV#	DATE	BY	DESCRIPT	ON		ENGR -	- GAS	N/A		N/A		
COUNTY		Emer Sect	Gas Wk Ctr	POW	ER WK CTR	DRAWI	N BY	D. WALKER		10.07.24		
PIER	CE	N/A	N/A		QSWPRE		(ED BY					
1/4 SEC		OP MAP		PLAT	PLAT MAP		VED BY	J. Boland	425-429-4104	3/3/25		
03NW-T19	N-R04E	N/	/A		N/A	FOREM	1AN #1					
U-MAP NO (F	POWER)	ОН СКТ МА	T MAP UG CKT		MAP CIRCUIT NO		1AN #2					
1904E	1904E010		8 19	04E010	FRU-22	RU-22 MAPPING						
				JO	INT FACILITIES	ARRANGE	MENTS					
	UTILITIES	COMCAST			LUMEI	N	RIGHT OF WAY					
	CONTACT	BART SISTEK					DARBY BROYLES .					

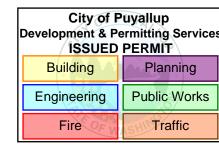
SOUND ENERGY **DESIGNED BY** PUGET SOUND ENERGY

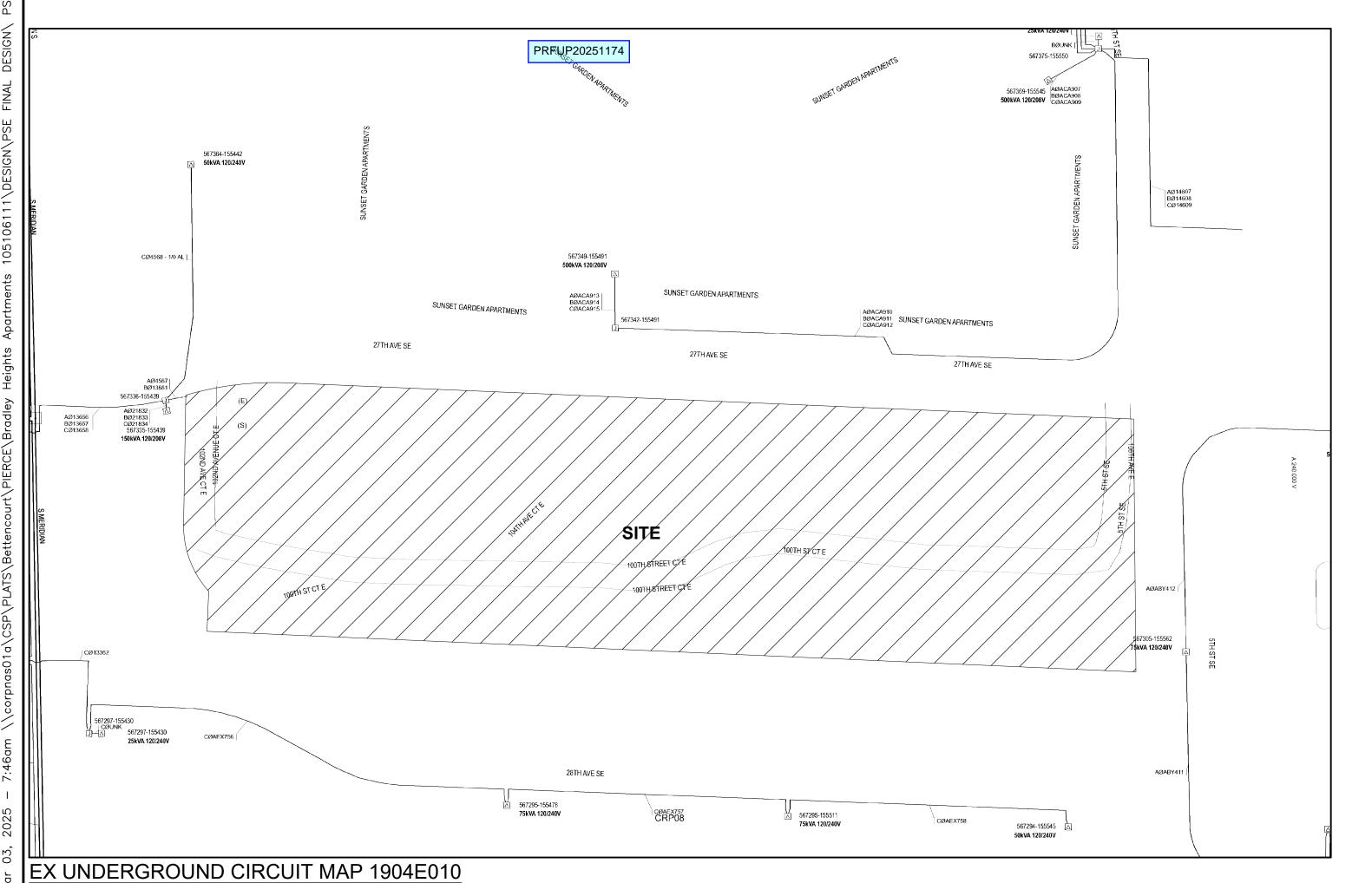
PHONE#

BRADLEY HEIGHTS APARTMENTS 3Ø PRIMARY U/G LINE EXTENSION - 8 M/F BLDGS, 236 UNITS 202 27TH AVE SE, PUYALLUP, WA 98374

MAOP N/A Elect Order Gas Order N/A 105106111 SCALE 3 OF 4 N/A







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

					INLAL LOTATE/LAGE	IVILINI	I FIXIVII I		
						REDT#(RW	/-135637)	PUYALLU	ΙP
3						FUNCTION	CONTACT	PHONE NO	DATE
2						PROJECT MGR	D. BETTENCOUR	Г 206.445.5958	
1						ENGR - POWER	D. WALKER		10.07.24
REV#	DATE	BY	DESCRIPTIO	N		ENGR - GAS	N/A		N/A
COUNTY		Emer Sect	Gas Wk Ctr	POWER	WK CTR	DRAWN BY	D. WALKER		10.07.24
PIERCE		N/A	N/A		QSWPRE	CHECKED BY			
1/4 SEC		OP MAP		PLAT M	AP	APPROVED BY	J. Boland	425-429-4104	3/3/25
03NW-T19N-R04E		N/	A	N/A		FOREMAN #1			
U-MAP NO (P	OWER)	ОН СКТ МА	P UG CKT	MAP	CIRCUIT NO	FOREMAN #2			
10045010		1004500	8 100/	E010	ERIL-22	MAPPING			

JOINT FACILITIES ARRANGEMENTS COMCAST RIGHT OF WAY CONTACT DARBY BROYLES PHONE# 425.293.1340 360.766.5489



INCIDENT MAOP
N/A N/A

Gas Order
N/A Elect Order
105106111

SCALE PAGE AS SHOWN 4 OF 4 DESIGNED BY PUGET SOUND ENERGY

SCALE: 1" = 100'

SCALE: 6" = 1 MILE