

13, 2023 - 10:12ar

POWER GENERAL NOTES - COMMERCIAL PROJECT

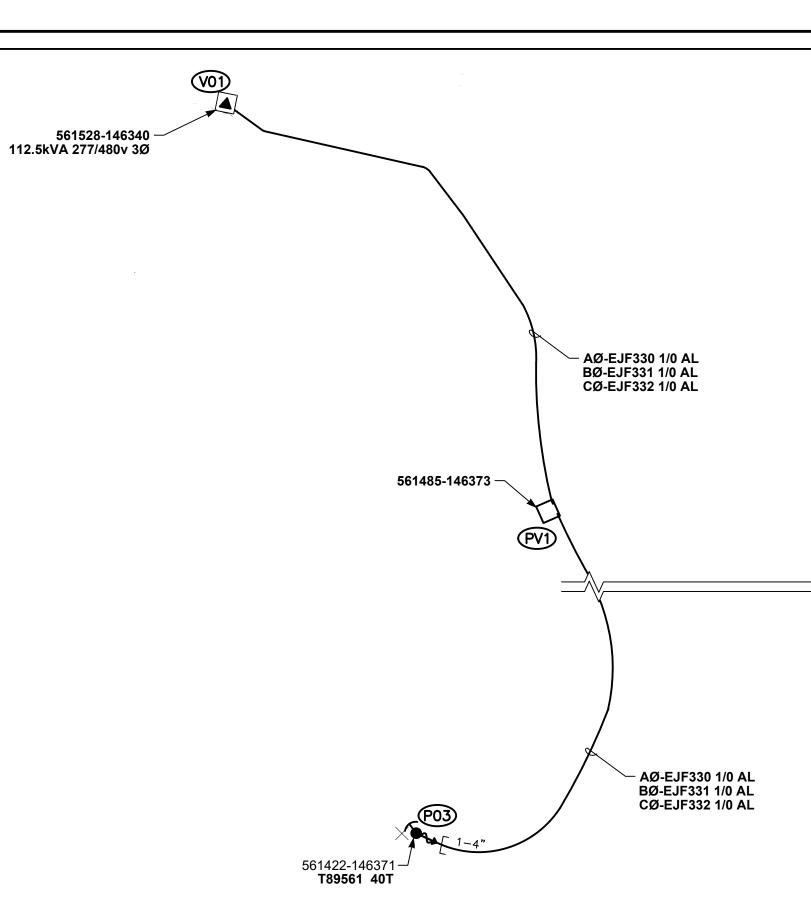
- 1. All materials to be installed in accordance with Puget Sound Energy's (PSE) standards. Any deviation from this work sketch must be AUTHORIZED by PSE's Project Manager and NOTED on the Foremans' Copy.
- 2. All switching arrangements and/or outage arrangements are to be made with the Project Manager at least three (3) working days in advance.
- 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.
- 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.

Circuit: PAT-16	Custome	er 3Ø Load:	71		
As Of: 2020	2020 Power Factor:				
	Phase to Phase	se Voltage:	12500		
	<u>A Phase</u>	B Phase	C Phase		
Existing Peak Load:	64.0	27.0			
Estimated New Load:	3.9	3.9			
Total:	67.9	31.9	30.9		

EROSION & SEDIMENT CONTROL REQUIREMENTS

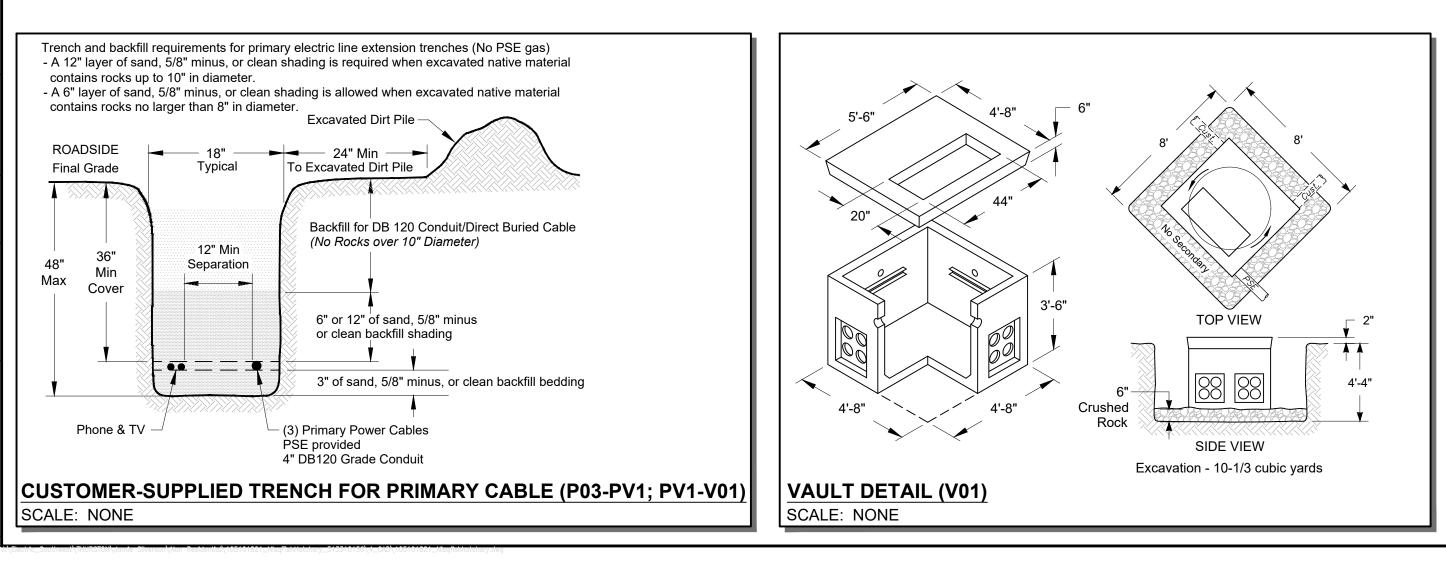
EROSION & SEDIMENT CONTROL SHALL BE PER PSE STANDARD PRACTICE 0150.3200 TECHNIQUES FOR TEMPORARY EROSION & SEDIMENT CONTROL & ANY ADDITIONAL LOCAL JURISDICTION REQUIREMENTS. (LOCAL JURISDICTIONS MAY HAVE ADDITIONAL REQUIREMENTS INCLUDING NOTES DETAILING WHERE EROSION OR SEDIMENT CONTROL STRUCTURES ARE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

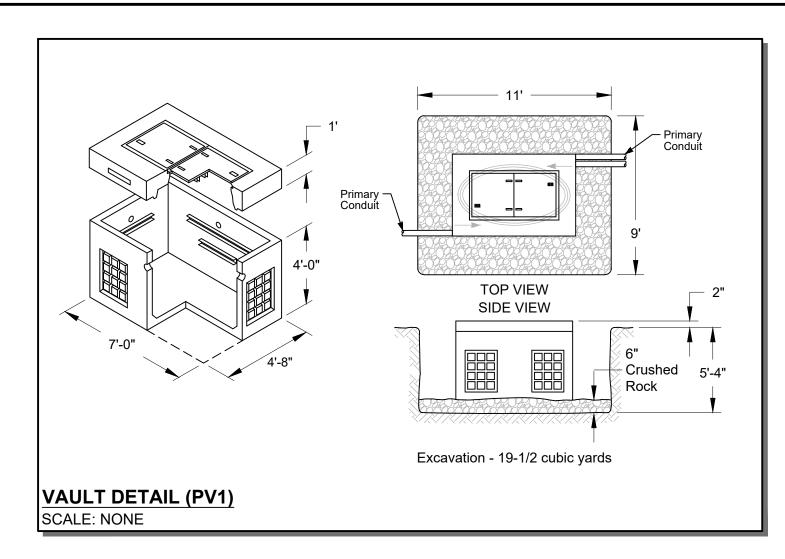
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🗌 Ma	aterial VER	IFIED and	CHANGES no	oted on Paperwo	ork.		N/SQC TE													
	ompany ID#	s RECOF	RDED in correct	ct location on As					7											
			<u>SIZE</u> on As-bu As-built and t	ilt & <u>VERIFY</u> pro	per <u>PHA</u>	<u>SE</u> .		P/LEP												
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PROJ	ECT PHA	SE	NOTIF#			ORDER#	ן <u>\</u>	$\langle \rangle$	G C											
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		m Svc	513386965	5		104349547		Т												
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GAS		bution	N/A			N/A		_	$\langle $											
		P Main	N/A																	
CABL	HP Svo F TV		N/A			N/A	- Owner / De	eveloper Cont	tact Info —											
PHON							Nisqually Tribe	-												
Proiec	t Manage	r Contac	t Information):			4820 She-Nah-N													
Manag	-	nie Silver					Olympia, WA 985 ATTN: William St		60-456-5221 office											
•	none: 360								(00											
E-Mail.	: Jan	nie.Silver	son@PSE.co	om			For contacts below of	dial 1-888-CALL PSE												
		Dovol	oper Locates	Rea'd N	•			2 BUSINE	CALL (800 SS DAYS BEFOR	0) 424-5555 PE VOLL DIG										
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			es Req'd	N	0		REAL ESTATE/EA	SEMENT	PERMIT											
		Flaggi	ng Req'd	N	0		R	EQ'd	N/A											
							FUNCTION	CONTACT	PHONE NO	DATE										
							PROJECT MGR	J.Silverson	360-353-6005	1/30/23										
							ENGR - POWER	P.Courtney	253-888-2522	2/8/23										
RE	EV#	DATE	BY	DESCRIPTI	ON		ENGR - GAS													
COUN	NTY		Emer Sect	Gas Wk Ctr	POWE	R WK CTR	DRAWN BY	P.Courtney	253-888-2522	2/8/23										
	Thurstor	า				QSTHLE	CHECKED BY													
1/4 SE	EC		OP MAP		PLAT	MAP	APPROVED BY	R.walsh	85-6833	7.18.23										
SW1⁄4	,Sect35,T1	18,R01E					FOREMAN #1													
U-MA	P NO (PO	WER)	ОН СКТ МА	AP UG CK	T MAP	CIRCUIT NO	FOREMAN #2													
	1801E13	9	1701E00	08 180	1E139	PAT-16	MAPPING													
					JO	INT FACILITIES A	RRANGEMENTS		1											
		TILITIES																		
1		ONTACT																		
	P	PHONE#																		
	· ·									MAOP										
			FT		Nias		Latobar (PUGET Nisqually Fish Hatchery												
							•			lect Order										
		SOU	ND		С	mrcl - 3Ø Line E	Extension		Gas Order El											
P			ND	13	С	mrcl - 3Ø Line E	•	AUD	Gas Order El	lect Order										



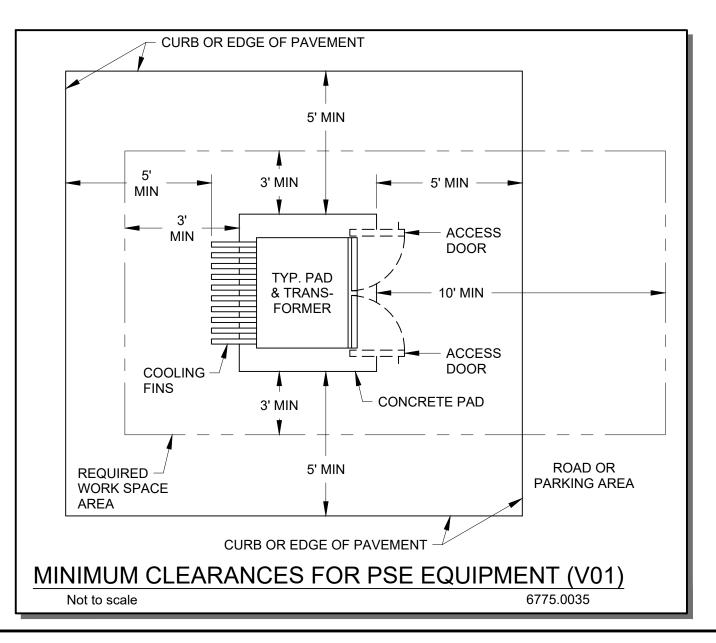
PRIMARY CONDUIT & CABLE ONE-LINE DIAGRAM SCALE: NONE

Primary Cable & Conduit Table (Foreman to Complete)										PRIMARY CABLE																				
From To		Size Qty		Design Length	Actual Length			ΈE		BENDS		8		PULL Rev (lbs)	Cable Size	Design Length	Actual Length	ength		IBERS MANUFACTURING INFORMATION		FOR FEEDER CABLE ONLY Check applicable box		QTY OF LUBE (gal.)		AS BUILT INFORMATION				
		(in)		(ft)	(ft)	DB120	0 HDPE	SCH	H 80 90	° 4	5° 22	2° 11°	·			(ft)	(ft)	A	В	С	Manufact	urer	Compound	Year	Таре	CN	#4/0 NEU	Design	As Built	Actual Amount Installed (Conduit & Cable)
P01	PV1	4"	1	690'		x			3	() C	0	511	527	PRI 12KV 1/0 UG	730'		EJF330	EJF331	EJF3	32									
PV1	V01	4"	1	607'		x			3	0) C	0 0	336	350	PRI 12KV 1/0 UG	627'		EJF330	EJF331	EJF3	32									
		PO	LE	RET	IREM	ENT	ТАВ	LE	·			ТЕМ	P TRA		RS	ST. LI	GHT TR	ANSFER	S		l	POLI		E (N	EW)					
															_	_	-	_		Work Pole Data										
Wk				Pole Da	ata				Pole			TEL	Т	FIB						Location	Grid #	Grid # Height Class Year Remarks / Location Re					ocation Ref.			
Loc		Grid #		Lengt	h Clas	s Y	/ear	торр	PED	RMV		166	''				' '			P02	561422-14637 ⁻	1 45'	CL2							
	561	1422-146	371	45'	CL2	2	NA										1													





1	



6" to 12" Under Normal Conditions 40" Min for Single Helix 65" Min for Triple Helix
ANCHOR DETAIL - SINGLE HELIX (P03) Not To Scale

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105101821

Project Man	ager Contac	t Information	.:												
Manager: Cell Phone: E-Mail:	Jamie Silver 360-353-600 Jamie.Silver		m			For cont	tacts below dia	I 1-888-CALL PSE (. ,	200) 424 5555					
	Devel	oper Locates F	Req'd No)		CALL (800) 424-5555 2 BUSINESS DAYS BEFORE YOU DIG									
		ocates Req'd	Ye			THIS SKE	TCH NOT TO BE F	RELIED UPON FOR EXAC	T LOCATION OF EXIS	STING FACILITIES					
	-	es Req'd	No			REAL E	ESTATE/EASE	EMENT	PERMIT						
	Flaggi	ng Req'd	No)			REG	N/A							
						FUNCT	ION	CONTACT	PHONE NO	DATE					
						PROJE	CT MGR	J.Silverson	360-353-600	5 1/30/23					
						ENGR	- POWER	P.Courtney	253-888-2522	2 2/8/23					
REV#	DATE	BY	DESCRIPTIC	ON		ENGR ·	- GAS								
COUNTY		Emer Sect	Gas Wk Ctr	POWE	R WK CTR	DRAWN BY		P.Courtney	253-888-2522						
Thu	rston				QSTHLE	CHECKED BY		CVW		7/12/23					
1/4 SEC		OP MAP		PLAT I	MAP	APPRO	OVED BY								
SW¼,Sect3	5,T18,R01E					FOREM	/IAN #1								
U-MAP NO	(POWER)	ОН СКТ МА	AP UG CKT	MAP	CIRCUIT NO	FOREM	/IAN #2								
1801	E139	1701E00)8 180 ⁻	1E139	PAT-16	MAPPI	NG								
				JOI	NT FACILITIES A	RRANGE	MENTS								
	UTILITIES														
	CONTACT														
	PHONE#														
PSE	PUG SOU	ND			Jually Fish mrcl - 3Ø Line B		•	D D		MAOP Elect Order 105101821					
	ENE	κuγ	13	650 Pet	er Kalama Dr SE (Olympia, V	VA 98513		SCALE	PAGE					
DESIGNED	J BY PSE							AS NOTED	02/02						