

# SITE SPECIFIC NOTES

AT P01 GRID #: 563065-142826 REPL L/B C/O W/(3) LOAD INTERRUPT C/O'S REFUSE C/O O-2584 TO 65T

#### **AT V01** GRID #: 563051-142870 REMV 45kVA, 277/480v PM XFMR SET 225kVA, 277/480v PM XFMR 3-12 INST (4) 4 POS SEC CONNECTOR BARS CONNECT & TAG CUST INSTALLED UG SVC CONDUCTORS (1 RUN OF 350KCMIL) RECONNECT EXIST SVC

1-8a

3-12

\_\_\_\_\_

**AT V02** GRID #: 563033-142844

REPL 25kVA, 120/240v PM XFMR W/ 25kVA, 120/240v PM XFMR INST (4) 4 POS SEC CONNECTOR BARS

CONNECT & TAG CUST INSTALLED UG SVC CONDUCTORS (1 RUN OF 350 KCMIL) RECONNECT EXIST SVC

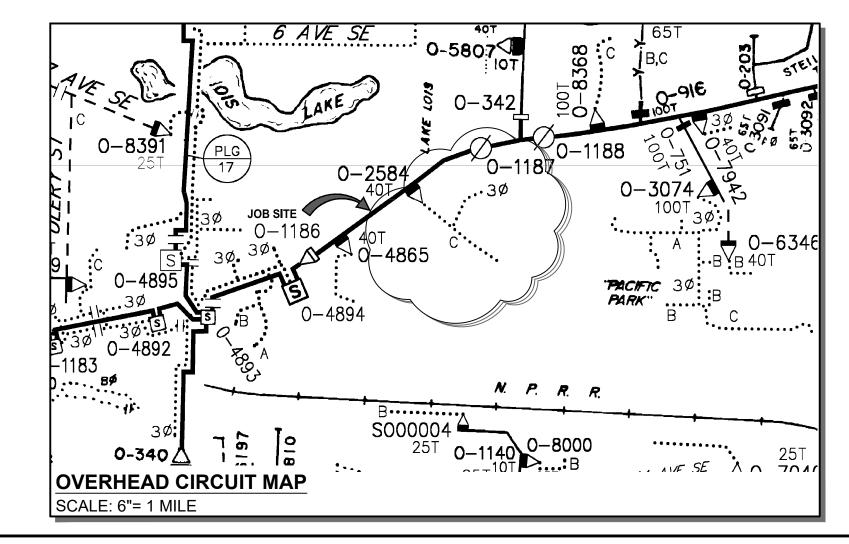
### AT M01/M02

**INST PERM METERS** 

## **CUSTOMER NOTE:**

CUSTOMER RESPONSIBLE FOR INSTALLING CONDUIT & 3/8" NYLON PULL ROPE. SITE MUST BE READY 1-WEEK PRIOR TO CONSTRUCTION DATE

TRANSFORMER REMOVAL         Removed at site:       V01         Grid Number:       563051-142870         kVA Rating:       45kVA 277/480v         Foreman to redline the following information         Company ID#:         Primary phase connected to:	TRANSFORMER INSTALLATION (PM)         Installed at site:       V01         Grid Number:       563051-142870         kVA Rating:       225kVA 277/480v         Material ID#:       6259150         Foreman to redline the following information         Company ID#:
TRANSFORMER REMOVAL         Removed at site:       V02         Grid Number:       563033-142844         kVA Rating:       25kVA 120/240v         Foreman to redline the following information         Company ID#:         Primary phase connected to:         Tested Secondary Voltage	TRANSFORMER INSTALLATION (PM)         Installed at site:       V02         Grid Number:       563033-142844         kVA Rating:       25kVA 120/240v         Material ID#:       6247000         Foreman to redline the following information         Company ID#:



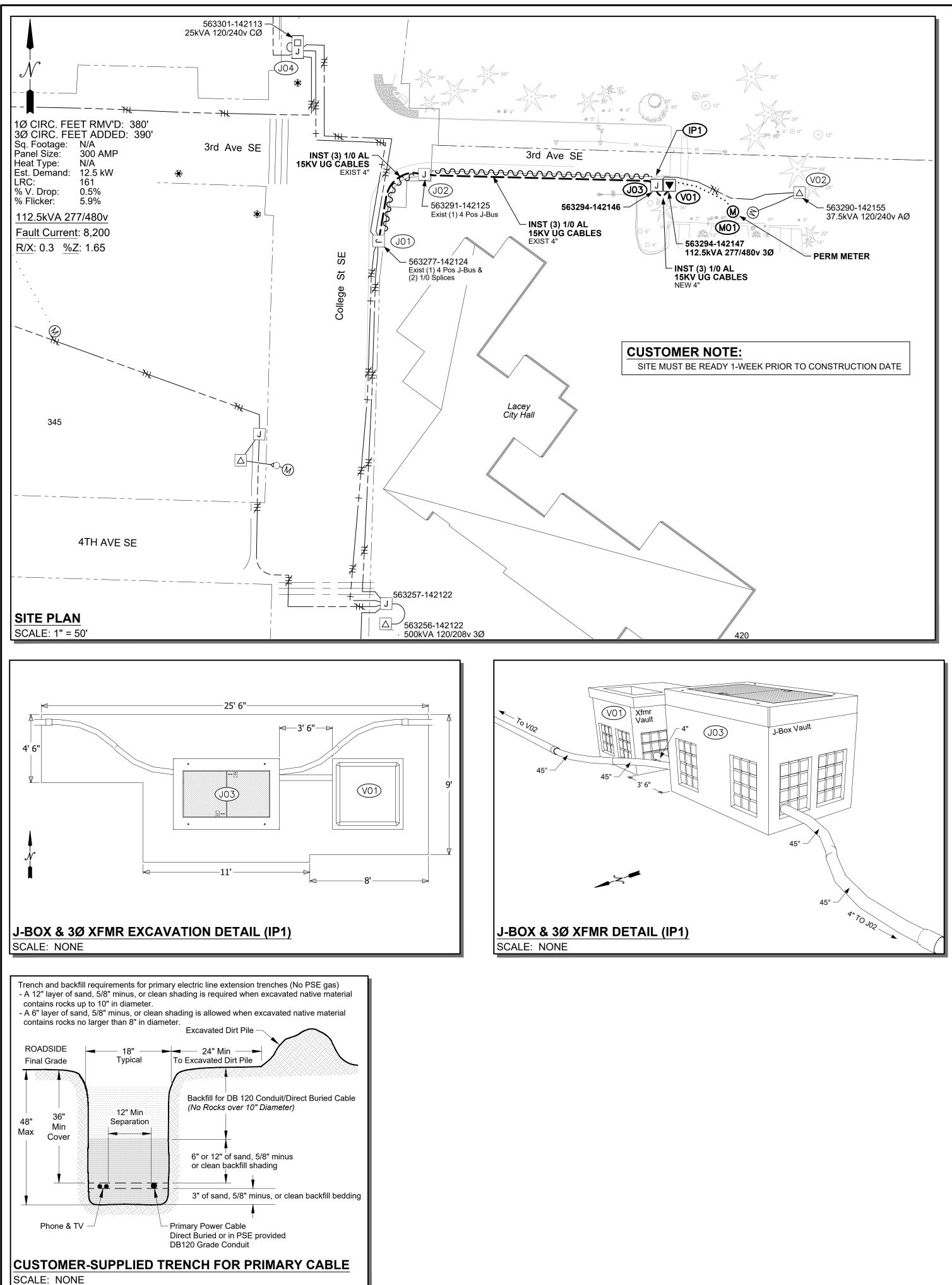
# POWER GENERAL NOTES - COMMERCIAL PROJECT

- 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.

#### **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.

FOR	REMAN (	CHECK BC	X WHEN		MPLETED)				
Grid, Cable Field Char Material <u>V</u> Total PRIN	e, and Switc nges <u>RED-LI ERIFIED</u> and //ARY Cable	h numbers <u>INS</u> <u>NED</u> on As-bui d <u>CHANGES</u> no noted on As-bu	TALLED & V It. oted on Pape uilt.	ERIFIE erwork.	_	Vicinity Map	SE		
<ul> <li>Indicate co</li> <li>Deviations</li> <li>I certify that</li> </ul>	orrect <u>FUSE</u> noted on the at the work p		ilt & <u>VERIFY</u> heir reason. s PSE's stan	proper	ilt. • <u>PHASE</u> . and procedures				
and that al	l quality requ	uirements are n	net.					AVE SEPACIFIC	05097438
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Print Name				_ Date	e				<u>-</u>
		NOTIF#			ORDER#	AVE SE			
PROJECT PI PWR	Superior	510831081	1		105097438				-
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Xfn	nr Remvl				584046702		PENTER RD SE	, ,	
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	erm Svc	511215876			104335315	K  =  C			
P	erm Svc	511439539	)		104336990		$\frac{1}{2}$		~
CABLE TV						- Owner / Dev	veloper Cont	tact Info —	
PHONE						City of Lacey	•		
	aar Contaa	t Information				420 College St SE			
Project Mana	-					Lacey, WA, 98503		60-438-2681 office	
	Shannon Tii 253-303-16					ATTN: Martin Hopp	Je S	00-430-2001 Office	
		ncknell@pse.o	com			For contacts below dia	al 1-888-CALL PSE	(225-5773)	
	Dovol	oper Locates I	Dog'd	No			2 BUSINE	CALL (80 SS DAYS BEFOR	0) 424-555 E XOU DIO
		Locates Req'd	•	No		THIS SKETCH NOT TO BE I			
		jes Req'd		Yes		REAL ESTATE/EAS	EMENT	PERMIT	
	Flagg	ing Req'd		No		N/	Α	N/A	
3						FUNCTION	CONTACT	PHONE NO	DATE
2						PROJECT MGR	S.Tincknell	253-303-1638	4/26/21
1						ENGR - POWER	P.Courtney	253-888-2522	5/21/21
REV#	DATE	BY	DESCRIP	TION		ENGR - GAS			
COUNTY		Emer Sect	Gas Wk (		OWER WK CTR	DRAWN BY	P.Courtney	253-888-2522	5/21/21
Thurs	ton			-  ·	QSTHLE	CHECKED BY	M.Taylor	85-5970	06/04/21
1/4 SEC		OP MAP	1	P		APPROVED BY	R.Walsh	253-245-0798	06/15/21
NW <sup>1</sup> /4,Sect22	T18 R01\//			ľ		FOREMAN #1	11.0001011	200-2-0-0130	00/10/21
U-MAP NO (I		ОН СКТ МА		CKT N	IAP CIRCUIT NO	FOREMAN #2			
0-MAP NO (1 1801W	,			301W		MAPPING		+	
10011	000	1801W10	J-1	00100	086 TAN-16 JOINT FACILITIES AF			1	1
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	CONTACT								
	PHONE#								
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	PUG			C	Cmty Cntr EV	Chrg Sta		Gas Order E	lect Order
<b>PSE</b>	SOU				Cmrcl - UG Xfmr l	Jpgrades			05097438
	ENEI	KUY		6	6729 Pacific Ave SE Lac	ey, WA 98503		SCALE	PAGE
DESIGNED	BY PSF						4	AS NOTED	01/01
									1 01/01

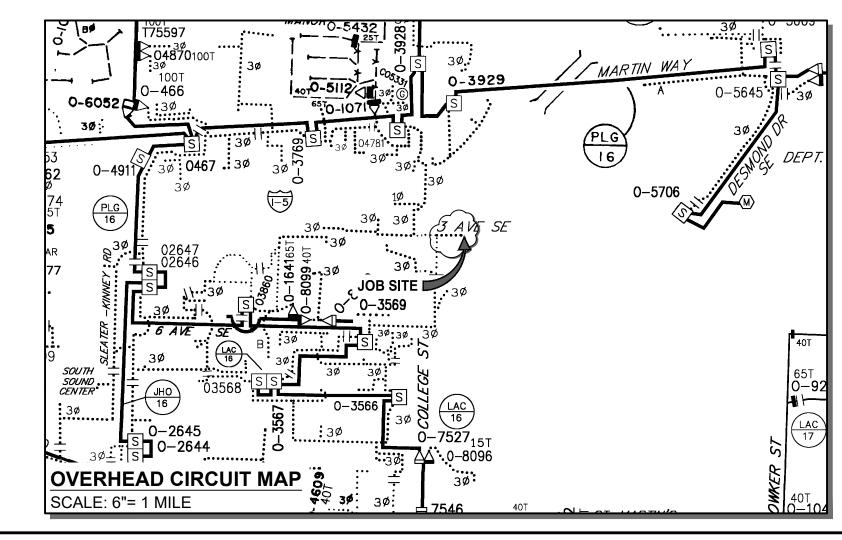


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pr 12, 2022 -

SITE SPECIFIC NOTES	
AT J01 GRID # 563277-142124 Exist Vault W/(1) 4 Pos J-Bus &	(2) Splices
INST (2) 4 POS J-BUS	2-45
REMV 1/0 SPLICES ON B & CØ CABLEs AND INST (4) LB ELBOWS	<b>2-57</b> (4)
INST (3) L/B ELBOWS & (5) INSULATED CAPS	<b>2-57</b> (3)
<b>AT J02</b> GRID # 563291-142125 Exist Vault W/(1) 4 Pos J-Bus	
INST (2) 4 POS J-BUS	2-45
INST (6) L/B ELBOWS & (6) INSULATED CAPS	<b>2-57</b> (6)
AT IP1	
INTERCEPT EXIST 4" CONDUIT W/CABLE # AØ-AEC788	
PULL BACK AØ-AEC788 FROM J02 & REROUTE INTO J03	<b>2-54</b> (190)
AT J03	
INST 4'-8"x 7' VAULT & COVER	<b>2-59</b> (2), <b>2-60</b>
INST (3) 4POS J-BOX	2-45
INST (7) L/B ELBOWS & (5) INSUL CAPS	<b>2-57</b> (4)
INST GRID # 563294-142146	
<b>AT J04</b> GRID # 563301-142113	
RELOCATE BØ-8371 & CØ-8372 CABLE TAGs TO J01	
INST NEW CABLE TAGS SEE CABLE DIAGRAM (Page 02) FOR CABLE #s	
<u>AT V01</u>	
INST 4'8" SQ VAULT W/4'8"x 5'6" COVER	
SET 112.5kVA 3Ø PM XFMR 277/480v FACING NORTH	3-19b
INST (4) SGL POS SEC CONNECTORS INST GRID # 563294-142147	
CONNECT & TAG CUST RAN UG SVC LINES (1) RUN OF 350KCM	
<b>AT V02</b> GRID # 563290-142155	
EXIST VAULT & SGL Ø PM XFMR TO REMAIN	
AT M01	
PERM METER	
<u>J01</u> TO <u>J02:</u>	
REMV 1/0 PRI CABLE	<b>2-54</b> (80)
INST (3) 1/0 PRI CABLES ±100' IN EXISTING 4" CONDUIT, SEE CABLE DI (Page 02) FOR CABLE #s (TOTAL BILLABLE LGTH = ±80')	<b>2-55</b> (80)
(Fage 02) FOR CABLE #S (ТОТАЕ BILLABLE EGTП – ±00) J02 то J03:	<b>2-33</b> (80)
	<b>2 E4</b> (400)
PULL BACK FROM J02 & RE-ROUTE INTO J03 ±190' 1/0 PRI CABLE INST (3) 1/0 PRI CABLES ±210' IN EXISTING 4" CONDUITS, SEE CABLE I	<b>2-54</b> (190)
(Page 02) FOR CABLES $\pm 210$ IN EXISTING 4 CONDUTTS, SEE CABLE ( (Page 02) FOR CABLE #s (TOTAL BILLABLE LGTH = $\pm 190$ ')	<b>2-55</b> (190)
<u>J03</u> то <u>V01:</u>	_ ••(:••)
INST (3) 1/0 PRI CABLES ±30' IN CUST PROVIDED TRENCH & PSE PROV	'IDED 4" DB120
CONDUIT, SEE CABLE DIAGRAM (Page 02) FOR CABLE #s	

(TOTAL BILLABLE LGTH = ±10')



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CIRCUIT LOADING TABLE											
Circuit: F	PLG-16	Custome	Customer 3Ø Load:								
As Of:	2020	Pov	ver Factor:	.85							
		Phase to Phase	12500								
		<u>A Phase</u>	B Phase	<u>C Phase</u>							
Existing Pe	ak Load:	226.0	231.0								
Estimated Ne	ew Load:	0.7	0.7 0.7								

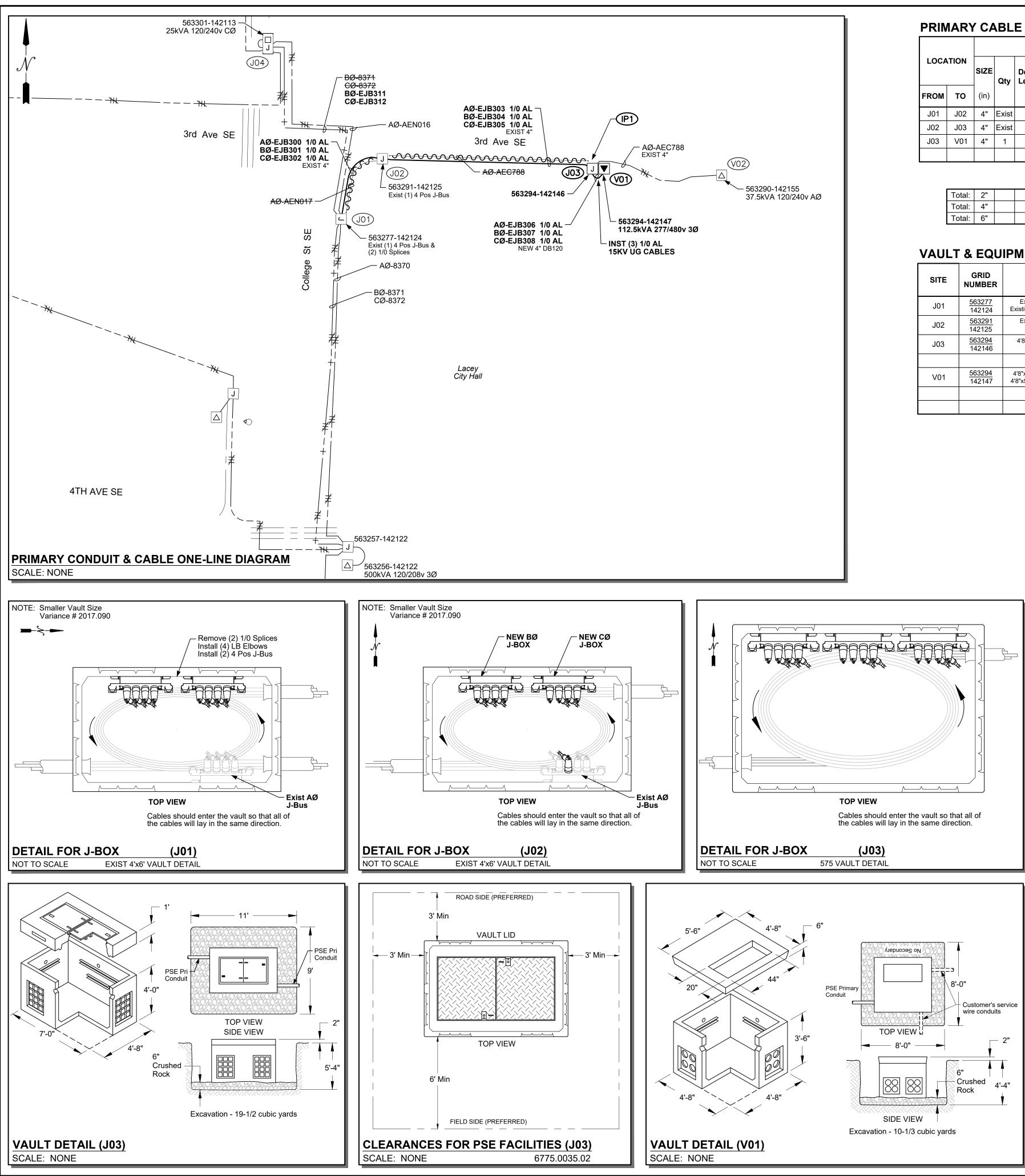
226.7 237.7 231.7

#### **EROSION & SEDIMENT CONTROL REQUIREMENTS**

Total:

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FOR	REMAN (	CHECK BC	OX WHEN (	COMI	PLETED)					
<ul> <li>PSE Equip</li> <li>Grid, Cable</li> <li>Field Char</li> </ul>	oment <u>LOCK</u> e, and Switc nges RED-LI		& Work Area k TALLED & VEF	eft in <u>C</u> RIFIED	LEAN/SAFE Condition.	Vicin		t,Long: 47.045	54,-122.8227) N	
Total <u>PRIN</u> Company      Indicate co	<u>MARY</u> Cable ID#'s <u>RECO</u> prrect <u>FUSE</u>	noted on As-bu <u>RDED</u> in correct <u>SIZE</u> on As-bu e As-built and t	uilt. ct location on A ilt & <u>VERIFY</u> pr	s-built.	HASE.		<u>6TH ÁVE</u>			
		erformed meets uirements are n		rds and	d procedures	MARTIN	N WAY		MARTIN MAY	105097439
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PROJECT PH PWR	<b>IASE</b> Superior	NOTIF# 510831148	)		ORDER# 105097439				AQEYI L	
UG Maint		510651140	)		594143150		- LOCATION			
	erm Svc	511215935	5		104335316	AVE	SF 3			
1	Removal	N/A			N/A					
	mporary	N/A			N/A			LACEY	PACIFIC	
	ob Order	N/A		_	N/A	177	ž	- BLVO	SE JOY	
	stribution HP Main	N/A N/A		-	N/AN/A	-       4TH	AVE SE			F.
	Svc/MSA	N/A N/A		-	N/A N/A					
CABLE TV		14/7			14/7	∣∟Ои	vner / Deve	eloper Cont	act Info —	
PHONE							of Lacey			
Project Mana	ger Contac	t Information	:				College St SE ey, WA 98503			
Manager:	Shannon Tii	ncknell					N: Martin Hoppe	(36	0) 438-2681 office	
0	253-303-16								,	
E-Mail:	Shannon.Ti	ncknell@pse.c	com			For con	tacts below dial	1-888-CALL PSE (		
	Dava	oper Locates I	Dogʻd V	es					CALL (80 SS DAYS BEFOF	0) 424-5555
		Locates Req'd	•	es es		THIS SKE	TCH NOT TO BE RE		T LOCATION OF EXIST	
		jes Req'd		es		REAL E	ESTATE/EASEN	IENT	PERMIT	
	Flagg	ing Req'd	Y	es			REQ'I	)	City of Lacey	
3						FUNCT	ION	CONTACT	PHONE NO	DATE
2						PROJE	CT MGR	S.Tincknell	253-303-1638	07/09/21
1						ENGR	- POWER	M.Taylor	85-5970	07/09/21
REV#	DATE	BY	DESCRIPT	ON		ENGR	- GAS			
COUNTY		Emer Sect	Gas Wk Ctr	PO	WER WK CTR	DRAW	N BY	M.Taylor	85-5970	07/09/21
Thurs	ton				QSTHLE	CHECK	KED BY			
1/4 SEC		OP MAP		PLA	AT MAP	APPRO	OVED BY			
SW¼,Sect16,	T18.R01W					FOREM				
U-MAP NO (F		ОН СКТ МА		T MA	P CIRCUIT NO	FOREN				
1801W		1801W05		1W06		MAPPI				
100111		1001110			JOINT FACILITIES A			I		
	UTILITIES					-	-			
	CONTACT									
	PHONE#									
					l		1		INCIDENT	MAOP
	PUG	ET			Lacey City H	lall F	V			
<b>C</b> PSE	SOU				Cmrcl - 3Ø UG Line					lect Order
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DESIGNED	BY PSE								AS NOTED	01/02



## **PRIMARY CABLE & CONDUIT TABLE**

					<u> </u>															
			CONDUIT							PRIMARY CABLE									ASBUILT INFORMATION	
LOC			ZE	Design / Length	BENDS			PULL	PULL	Cable	Design A		Ca	Cable Numbers		Please Record			Foreman - Complete	
FROM	ROM TO (in	(in)		(ft) 90° 4	45°	22°	11°	(lbs)	Rev (lbs)	Size (ft)	Cable (ft)	Α	В	С	Manufacturer	Compound	Year	Actual Amount Installed (Conduit & Cable)		
J01	J02	4"	Exist	80					162	169	1/0	100	300	EJB300	EJB301	EJB302				
J02	J03	4"	Exist	190		2			188	198	1/0	210	630	EJB303	EJB304	EJB305				
J03	V01	4"	1	10	2	2					1/0	30	90	EJB306	EJB307	EJB308				

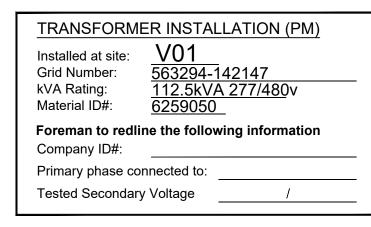
			90°	45°	22°	11°	BellEnds
Total:	2"						
Total:	4"	10	2	4			3
Total:	6"						

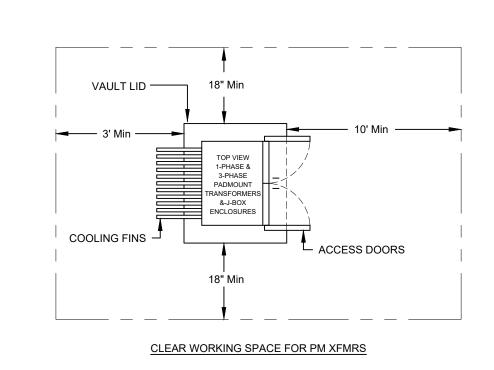
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## VAULT & EQUIPMENT TABLE

SITE		GRID	VAULT SIZE	TYPE & SIZE	PRIMARY	BUSHINGS	TRANSFORMER	
	511E	NUMBER	& COVER	EQUIPMENT IN VAULT	LB	DC	(Company ID)	
	J01	<u>563277</u> 142124	Existing 4'x6' Vault & Cover Existing (1) J-Bus & (2) 1/0 Splices	(2) 200A J-Bus MID 7625900	4	2		
	J02	<u>563291</u> 142125						
	J03	<u>563294</u> 142146	4'8"x7'x5' Vault MID 7663200 Cvr MID 9996162	(3) 200A J-BOX MID 7625900	7	5		
	V01	<u>563294</u> 142147	4'8"x 4'8"x 3'6" HH MID 7663900 4'8"x5'6"x6" COVER MID 7655200	112.5kVA 277/480v MID 6259050	3			
					3			

	LoadBreak Elbows	Dust Covers
Totals :	20	13





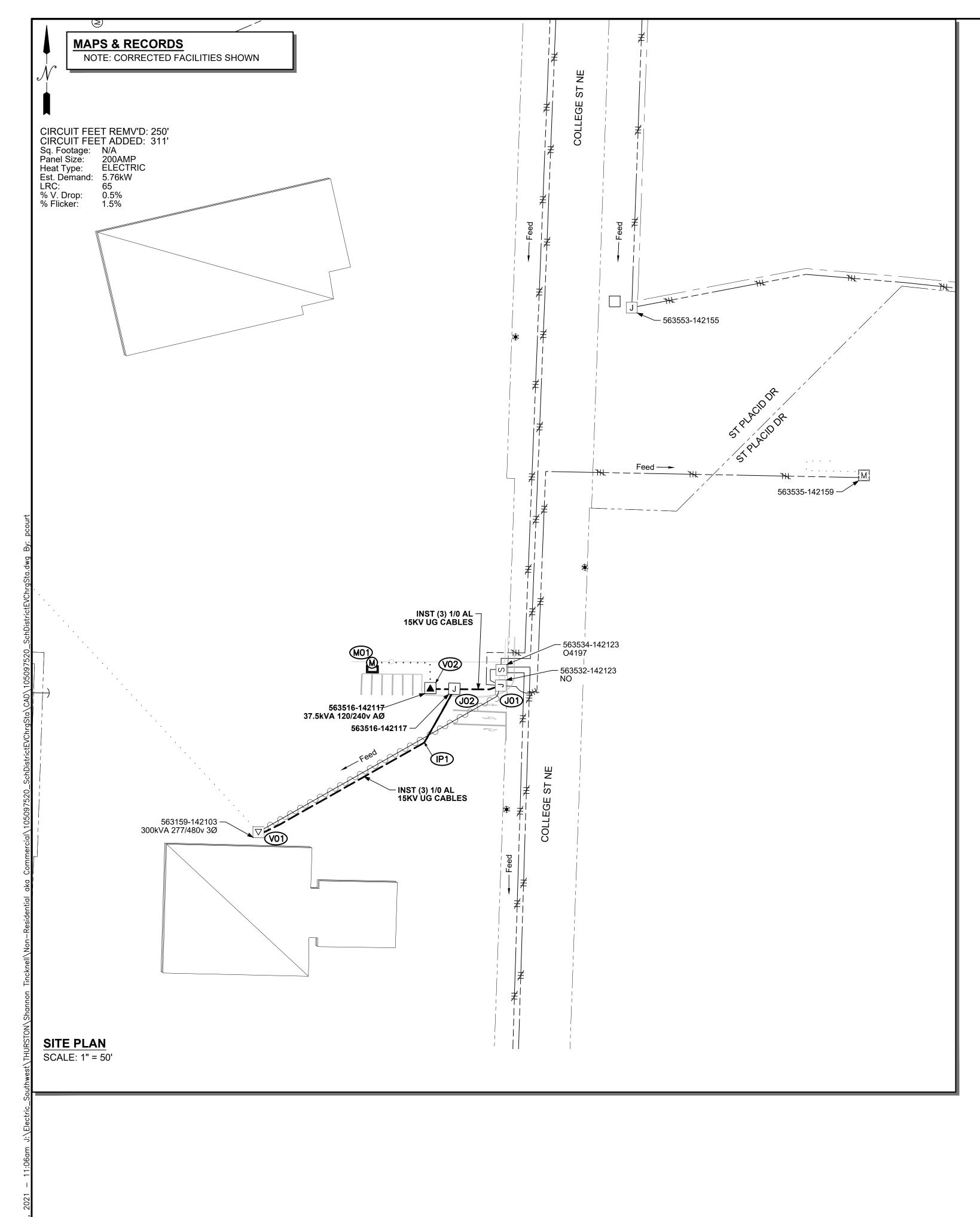
CLEARANCES FOR PSE FACILITIES (V01) SCALE: NONE 6775.0035.01

#### ASBUILT INFORMATION Foreman-Complete

Work Location		Wire Size & Type	Quantity	Length (per	Remarks		
From	То			conductor)			
J01	J02	(1) 1\0 UG	1	80			
J02	J03	(1) 1\0 UG	1	300			

Project Mana	ager Contac	t Information	12							
Cell Phone:			com			For con	tacts below dial	1-888-CALL PSE (		
	- ·								CALL (8 ESS DAYS BEFO	800) 424-5555
		loper Locates F Locates Reg'd	•			THIS SKE	TCH NOT TO BE RE	2 BUSINE		
		ges Req'd	Ye	-			ESTATE/EASEN		PERMIT	
	Flaggi	ing Req'd	Ye	S			N/A		N/A	4
3	<b>—</b>	Γ	T			FUNCT		CONTACT	PHONE NO	DATE
2						PROJE	ECT MGR	S.Tincknell	253-303-1638	8 07/09/21
1						ENGR	- POWER	M.Taylor	85-5970	07/09/21
REV#	DATE	BY	DESCRIPTIC	Л		ENGR	- GAS		1	
COUNTY		Emer Sect	mer Sect Gas Wk Ctr POWER W		R WK CTR	DRAW	N BY	M.Taylor	85-5970	07/09/21
Thurston					QSTHLE		KED BY			
1/4 SEC		OP MAP	PLAT MA		MAP	APPRO	OVED BY		T	
SW¼,Sect16	6,T18,R01W					FOREM	VAN #1			
U-MAP NO (	(POWER)	ОН СКТ МА	AP UG CKT	ΓMAP	MAP CIRCUIT NO		FOREMAN #2			
1801	W063	1801W05	56 180 <sup>-</sup>	1W063	PLG-16	PLG-16 MAPPING				
				JOII	NT FACILITIES A	RRANGE	MENTS			
	UTILITIES	,								
	CONTACT									
	PHONE#					_				
	PUG			L	acey City H	- Hall E	V	0	INCIDENT	MAOP
PSE	SOUI			Cmr	rcl - 3Ø UG Line	e Extens	sion			Elect Order 105097439
	LINLI			420 C	College St SE Lac	ey, WA 9	8503		SCALE	PAGE
DESIGNED	BY PSE								AS NOTED	02/02

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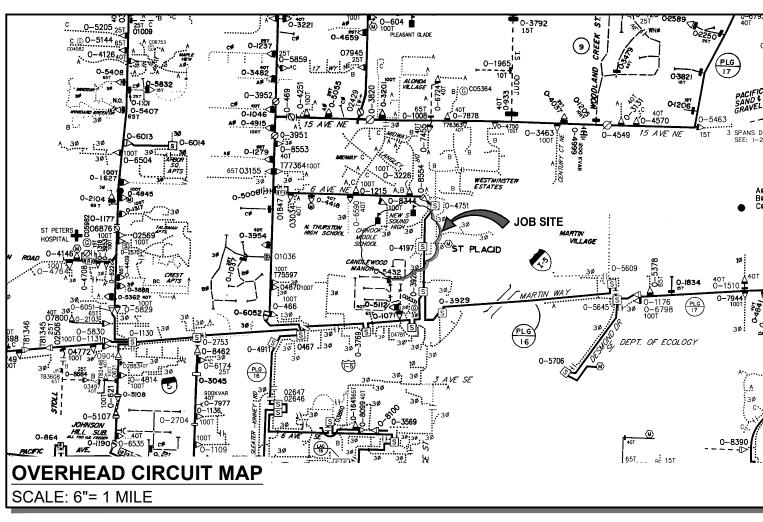


SITE SPECIFIC NOTES AT IP1	
INTERCEPT EXIST 4" CONDUIT & REROUTE INTO J02	
AT V01	
CUT & REMV EXIST ELBOWS & PULL OUT EXIST CBLS (AØ-15391, BØ- INST (3) L/B ELBOWS	15392 & CØ-15393) <b>2-57</b> (3)
AT J01	
INST (3) L/B ELBOWS	
AT J02	
INST 4'-8" x 7' VAULT & COVER (MID #: 7663200) INST (3) 4POS J-BOX	<b>3-21</b> 6055.1030
INST (7) L/B ELBOWS & (5) INSULATED CAPS SEE CABLE DIAGRAM (Page 02) FOR CABLE #'S INST GRID# 563515-142120	
AT V02	
INST UNISTRUT MP HH & GNDS SET 37.5 kVA, 120/240V PM XFMR INST (3) L/B ELBOWS & (1) INSULATED CAP SEE CABLE DIAGRAM (Page 02) FOR CABLE # INST GRID# 563516-142117	3-19a
AT M01	
<u>J01</u> то <u>V01:</u>	<b>2-55</b> (250)
REMV 3Ø CABLE ±250'	
<u>J02</u> то <u>IP1:</u>	
INST PSE PROVIDED 4" DB120 SCH40 CONDUITS ±54'	<b>2-36</b> (54)
<u>J02</u> то <u>V01:</u>	<b>2-55</b> (215)
INST (3) 1/0 PRI CABLES 235' IN CUST PROVIDED TRENCH & PSE PRO DB120 SCH40 CONDUITS, SEE CABLE DIAGRAM (Page 02) FOR CAB (TOTAL BILLABLE LGTH = ±215')	
<b>J</b> 01 το <b>J</b> 02:	
INST (3) 1/0 PRI CABLES 57' IN CUST PROVIDED TRENCH & PSE PROV DB120 SCH40 CONDUITS, SEE CABLE DIAGRAM (Page 02) FOR CAB (TOTAL BILLABLE LGTH = ±37')	
<u>J02</u> то <u>V02:</u>	
INST (1) 1/0 PRI CABLE ±40' IN CUST PROVIDED TRENCH & PSE PROV DB120 SCH40 CONDUIT, SEE CABLE DIAGRAM (Page 02) FOR CABL (TOTAL BILLABLE LGTH = ±20')	

#### **CUSTOMER NOTE:**

CUSTOMER RESPONSIBLE FOR INSTALLING CONDUIT & 3/8" NYLON PULL ROPE. SITE MUST BE READY 1-WEEK PRIOR TO CONSTRUCTION DATE

	V V	IRE REM	UVAL	IABL	L
	ork ation	Wire Size & Type	Quantity	Length (per conductor)	Remarks
From	То			,	
J01	V01	(3) 1/0 UG	3	250'	AØ-15391,BØ-1539 & CØ-15393
Installed Grid Nun kVA Rati Material	at site: \ nber: <u>5(</u> ng: 3 D#: 62	<u>INSTALLATION (PM /02</u> 63516-142117 7.5kVA 120/240v 247000 the following information			



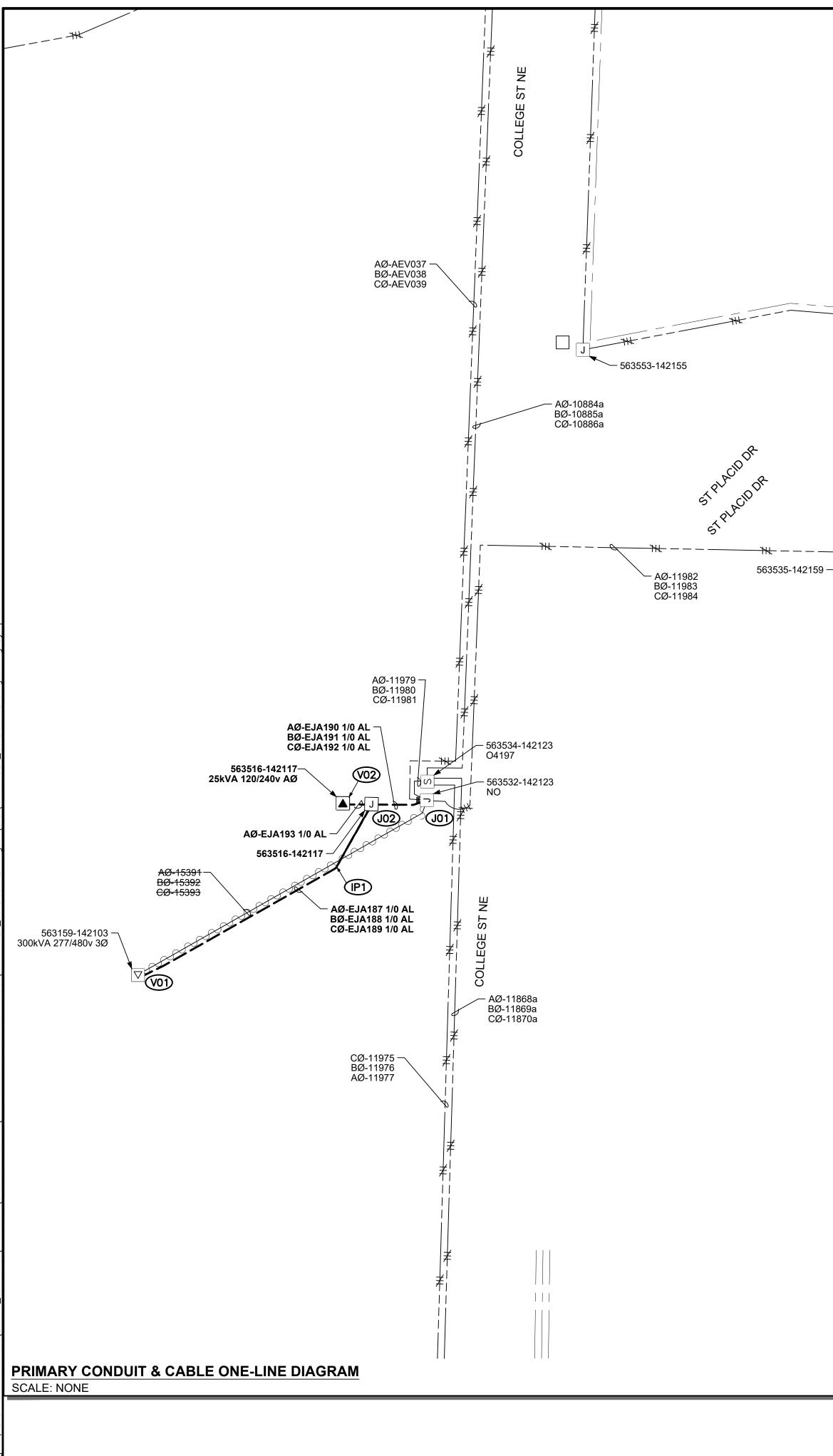
# POWER GENERAL NOTES - COMMERCIAL PROJECT

- 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.
- 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.
- 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.

#### 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.)

					1			
FOF	REMAN (	CHECK BC	OX WHEN C	OMPLETED)				
Grid, Cabl	e, and Switc nges <u>RED-LI</u> <u>ERIFIED</u> and	h numbers <u>INS<sup>-</sup></u> <u>NED</u> on As-buil d <u>CHANGES</u> no	TALLED & VERI It. oted on Paperwo				N	
Total <u>PRIN</u> Company Indicate co	<u>MARY</u> Cable ID#'s <u>RECO</u> prrect <u>FUSE</u>	noted on As-bu RDED in correct	uilt. ct location on As- lt & <u>VERIFY</u> prop	built.				NE
		erformed meets uirements are m		ls and procedures	6тн	AVE NE	45	105097520
Foreman's Sig	nature							- 0
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PROJECT P		NOTIF#		ORDER#		т / т		Ö
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	. Service	010001000	,	101138820				
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	Perm Svc ob Order	511216034 N/A		104335317 N/A		3RD AVE SE		
	stribution	N/A		N/A		SE	'	
	HP Main	N/A		N/A		6TH AVE SE	, A	
	Svc/MSA	N/A		N/A	- Owner / De	veloper Cont	act Info —	
CABLE TV PHONE						vereper com		
	wan Cantaa	t lufe un etie u			City of Lacey 420 College St SE			
Project Mana	-		:		Lacey, WĂ, 98503 ATTN: Martin Hop		60-438-2681 office	
Manager: S Cell Phone: 2	Shannon Tii 253-303-16					pe 3	50-456-2061 Office	
E-Mail:	Shannon.Ti	ncknell@pse.c	com		For contacts below dia	al 1-888-CALL PSE (	(225-5773)	
	D		5 N.				CALL (80 SS DAYS BEFOR	0) 424-5555
		oper Locates F _ocates Req'd	Req'd No No		THIS SKETCH NOT TO BE			
		jes Req'd	Yes		REAL ESTATE/EAS	EMENT	PERMIT	
	Flagg	ing Req'd	Yes	5	N/	/A	N/A	
3					FUNCTION	CONTACT	PHONE NO	DATE
2					PROJECT MGR	S.Tincknell	253-303-1638	5/14/21
1					ENGR - POWER	P.Courtney	253-888-2522	6/22/21
REV#	DATE	BY	DESCRIPTIC	N	ENGR - GAS			
COUNTY		Emer Sect	Gas Wk Ctr	POWER WK CTR	DRAWN BY	P.Courtney	253-888-2522	6/22/21
Thurs	ton			QSTHLE	CHECKED BY			08/09/21
1/4 SEC		OP MAP		PLAT MAP	APPROVED BY	R.walsh	253.245.0798	8.12.21
NE¼,Sect17,					FOREMAN #1			
U-MAP NO (I	,	OH CKT MA	AP UG CKT	MAP CIRCUIT NO	FOREMAN #2			
1801W	/065	1801W06	68 1801	W065 PLG-16	MAPPING			
				JOINT FACILITIES	ARRANGEMENTS		1	
	UTILITIES							
	CONTACT							
	PHONE#							144.05
	PUG	FT	Sahar	District EV/C	borging Stati		INCIDENT	MAOP
PSE	SOU			ol District EV C			Gas Order E	lect Order
			(	Cmrcl - 1Ø Line Exten	sion Repl J-Box		1	05097520
		RCiV		•••••••••	•			
DESIGNED	ENE	RGY		305 College St NE La	•		SCALE AS NOTED	PAGE



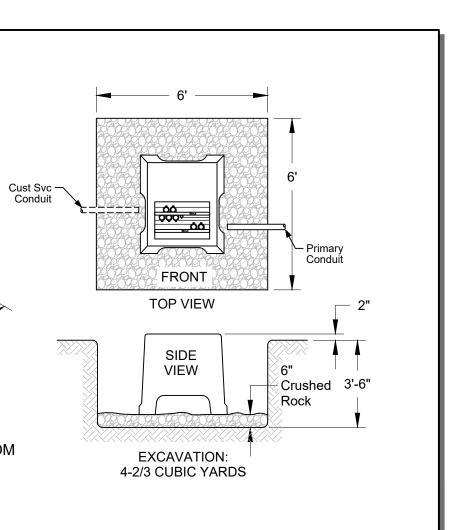


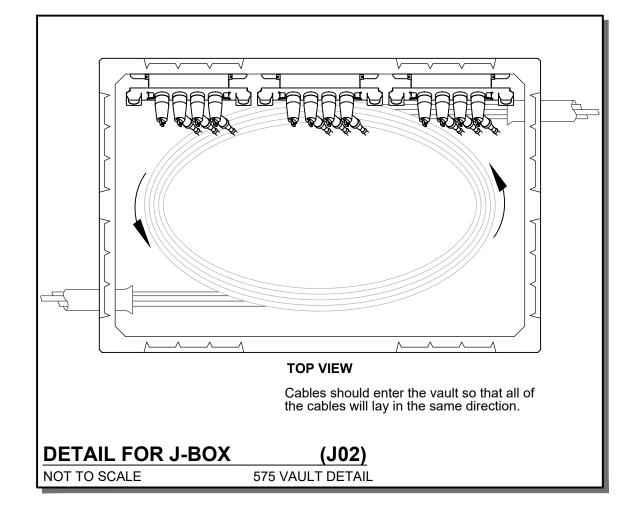
LOCA	TION						CONDU	JIT							PRIMARY CABLE															QTY OF LUBE (gal.)		AS BUILT INFORMATION
				Design	Actual		TYPE			BE	NDS		PULL		Design	Actual	CA		ERS	MANUFACTUR	RING INFORMAT	TION		EDER CA ck applicat	BLE ONLY	-						
From	То	Size (in)	Qty	Length (ft)	Length (ft)	DB120	HDPE	SCH	80 90	45°	22°	(lbs)	Rev (lbs)	Size	Length (ft)	Length (ft)	А	В	с	Manufacturer	Compound	Year	Tape	CN	#4/0 NEU	Design	As Built	Actual Amount Installed (Conduit & Cable)				
IP1	J02	4"	1	54'		x			0	0	0	0 37.1	37.1	PRI 12KV 1/0 UG	74'																	
J02	V01	4"		Exist		x								PRI 12KV 1/0 UG	215'		EJA187	EJA188	EJA189													
J01	J02	4"	1	37'		x			0	0	0	0 107	107	PRI 12KV 1/0 UG	57		EJA190	EJA191	EJA192													
J02	V02	2"	1	20'		x			1	0	0	0 43	43.7	PRI 12KV 1/0 UG	40'		EJA193															

Primary Conduit 38 - Primary Conduit TOP VIEW \_\_\_\_ 2" SIDE VIEW 7'-0" 6" Crushed 5'-4" Rock \* TRANSFORMER MUST BE 5' FROM DRIVABLE SURFACE . Excavation - 19-1/2 cubic yards VAULT DETAIL (V02) VAULT DETAIL (J02) SCALE: NONE SCALE: NONE Trench and backfill requirements for primary electric line extension trenches (No PSE gas)
A 12" layer of sand, 5/8" minus, or clean shading is required when excavated native material contains rocks up to 10" in diameter. - A 6" layer of sand, 5/8" minus, or clean shading is allowed when excavated native material contains rocks no larger than 8" in diameter. Excavated Dirt Pile -ROADSIDE 24" Min Final Grade i ypicai To Excavated Dirt Pile  $\sim$ Backfill for DB 120 Conduit/Direct Buried Cable (No Rocks over 10" Diameter) 12" Min 36" 48" Separation Min Max Cover 6" or 12" of sand, 5/8" minus or clean backfill shading ... \_\_\_\_ 3" of sand, 5/8" minus, or clean backfill bedding (3)Primary Power Cables
 Direct Buried or in PSE provided Phone & TV -DB120 Grade Conduit CUSTOMER-SUPPLIED TRENCH FOR PRIMARY CABLE (V01-J02; J01-J02) SCALE: NONE Trench and backfill requirements for primary electric line extension trenches (No PSE gas) - A 12" layer of sand, 5/8" minus, or clean shading is required when excavated native material contains rocks up to 10" in diameter. - A 6" layer of sand, 5/8" minus, or clean shading is allowed when excavated native material contains rocks no larger than 8" in diameter. Excavated Dirt Pile -ROADSIDE ▲ 18" → 24" Min → Final Grade Typical To Excavated Dirt Pile Backfill for DB 120 Conduit/Direct Buried Cable (No Rocks over 10" Diameter) 12" Min 36" 48" Max Separation Min Cover 6" or 12" of sand, 5/8" minus or clean backfill shading ... 3" of sand, 5/8" minus, or clean backfill bedding Phone & TV -- Primary Power Cable Direct Buried or in PSE provided

CUSTOMER-SUPPLIED TRENCH FOR PRIMARY CABLE (J02-V02) SCALE: NONE

DB120 Grade Conduit







Project Mana	ager Contac	tinformation	12											
Cell Phone:			com			For cont	acts below dial	1-888-CALL PSE (	(225-5773)					
		-							CALL (8	00) 424-555				
	Develo	oper Locates F	•						SS DAYS BEFC					
		ocates Req'd	No			THIS SKETCH NOT TO BE RELIED UPON FOR EXACT LOCATION OF EXISTING FACILITIE								
	-	es Req'd ng Req'd	Yes	-		REAL E	STATE/EASEN	PERMIT						
	Flaggi	ng Req u	re	>		N/A	N/A							
3						FUNCT	ION	CONTACT	PHONE NO	DATE				
2						PROJE	CT MGR	S.Tincknell	253-303-1638	3 5/14/21				
1						ENGR ·	POWER	P.Courtney	253-888-2522	2 6/22/21				
REV#	DATE	BY	DESCRIPTIC	N		ENGR ·	GAS							
COUNTY		Emer Sect	Gas Wk Ctr	POWEF	R WK CTR	DRAW	DRAWN BY P.Courtney		253-888-2522	2 6/22/21				
Thur	ston				QSTHLE	CHECK	ED BY			08/09/21				
1/4 SEC		OP MAP		PLAT N	1AP	APPRO	VED BY							
NE¼,Sect17	,T18,R01W					FOREM	1AN #1							
U-MAP NO (	POWER)	OH CKT MA	AP UG CKT	MAP	CIRCUIT NO	FOREM	1AN #2							
1801V	V065	1801W06	68 1801	W065	PLG-16	MAPPI	NG							
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	UTILITIES													
	CONTACT													
	PHONE#													
	PUG	ET	Schoo	ol Dis	strict EV C	harair	na Statio		INCIDENT	MAOP				
<b>PSE</b>	SOU ENE	ND		Cmrcl - 3	3Ø Line Extens	sion Rep	J-Box			Elect Order 105097520				
	LINLI			305 C	ollege St NE Lac	ey, WA 98	516		SCALE	PAGE				
DESIGNED	BY PSE								AS NOTED	02/02				