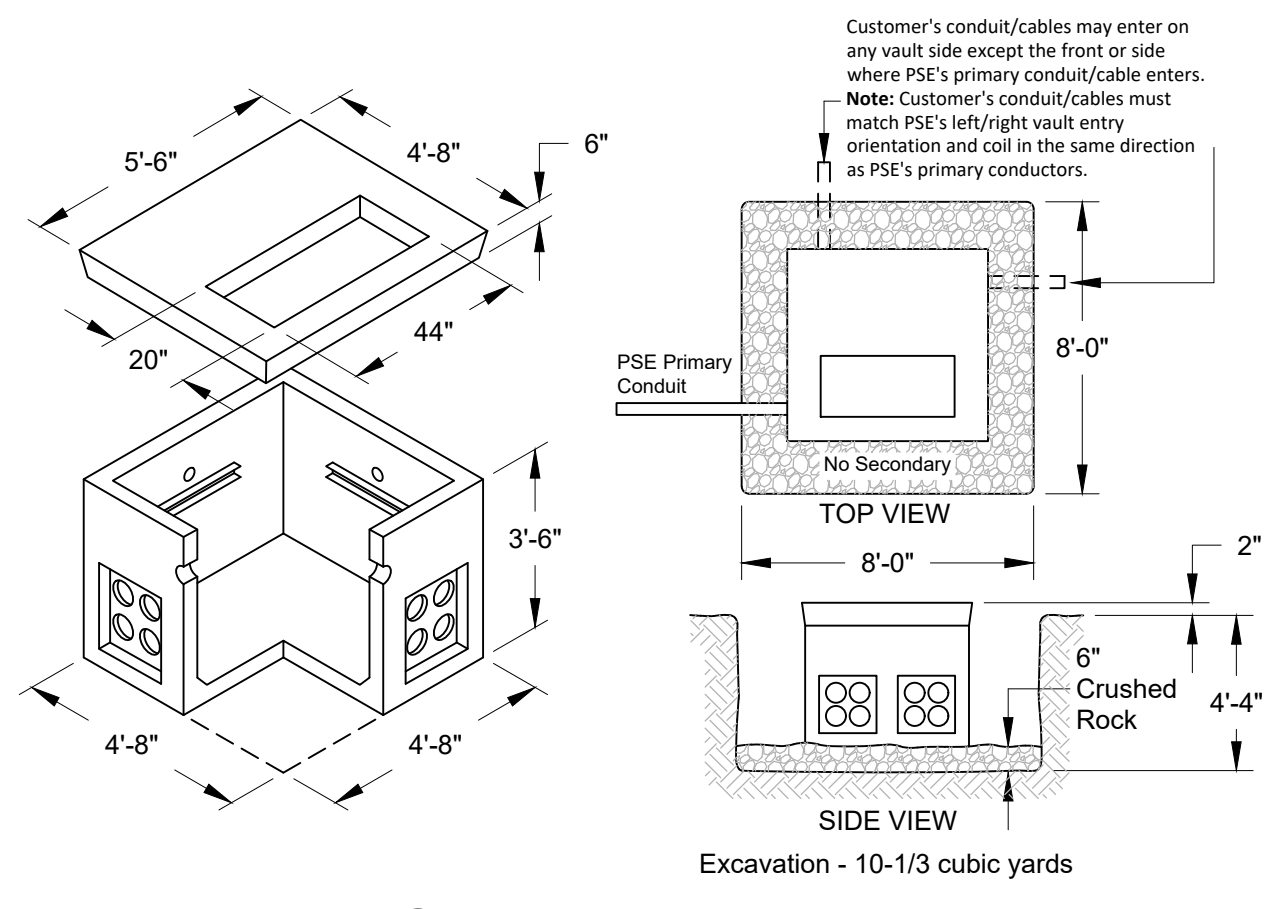
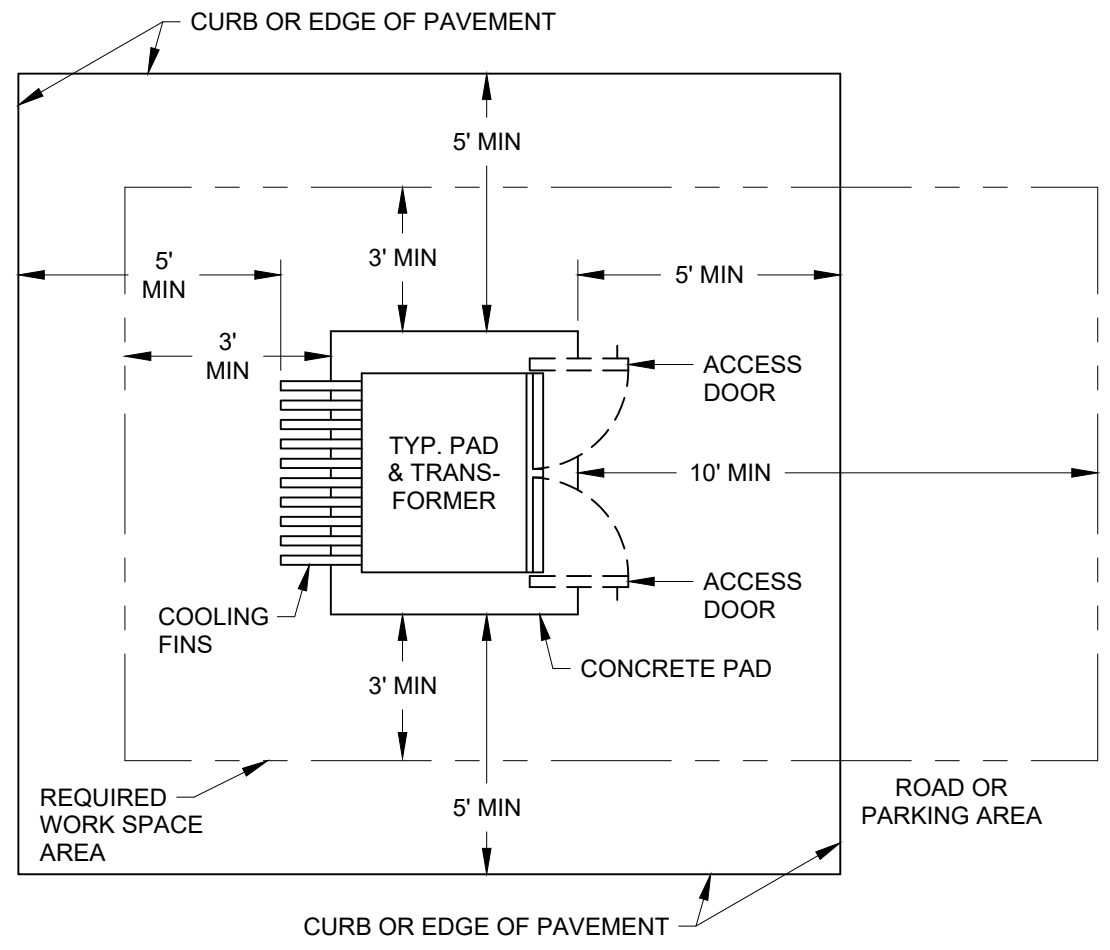


POWER GENERAL NOTES - MULTIFAMILY PROJECT

- 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 Foreman's Copy.
- 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.
- 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.
- Roads shall be paved or have a compacted, crushed rock base in place.
- 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.
- All work is to be done in accordance with local municipal and county permit requirements as applicable.
- 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.
- Inclement weather conditions may cause delays in construction times and dates.
- 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.

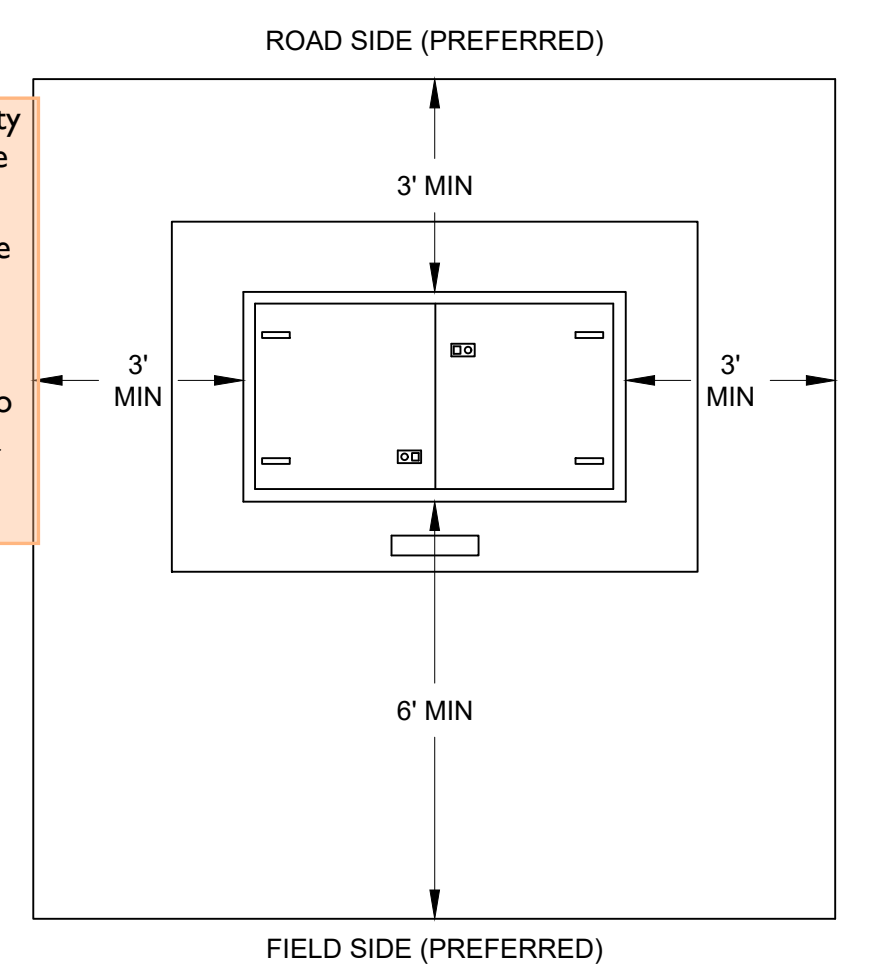


VAULT DETAIL @ V01-V03
NOT TO SCALE

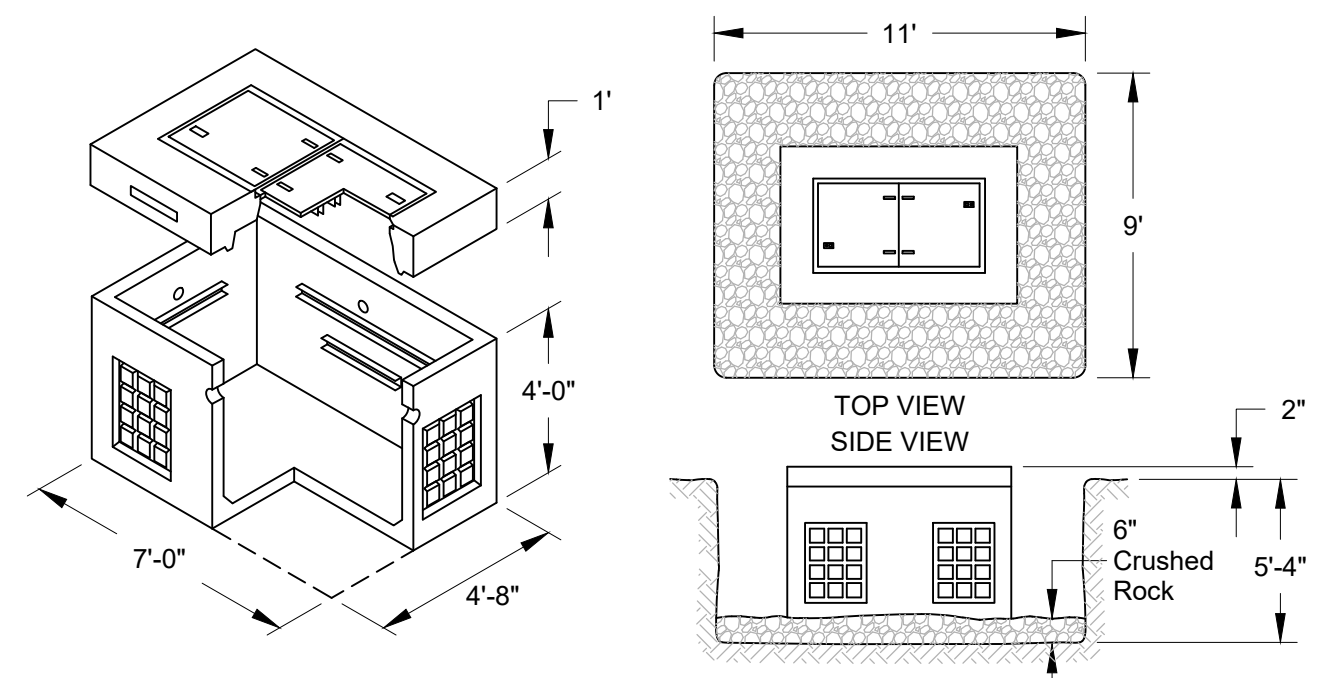


MINIMUM CLEARANCES FOR PSE EQUIPMENT
NOT TO SCALE

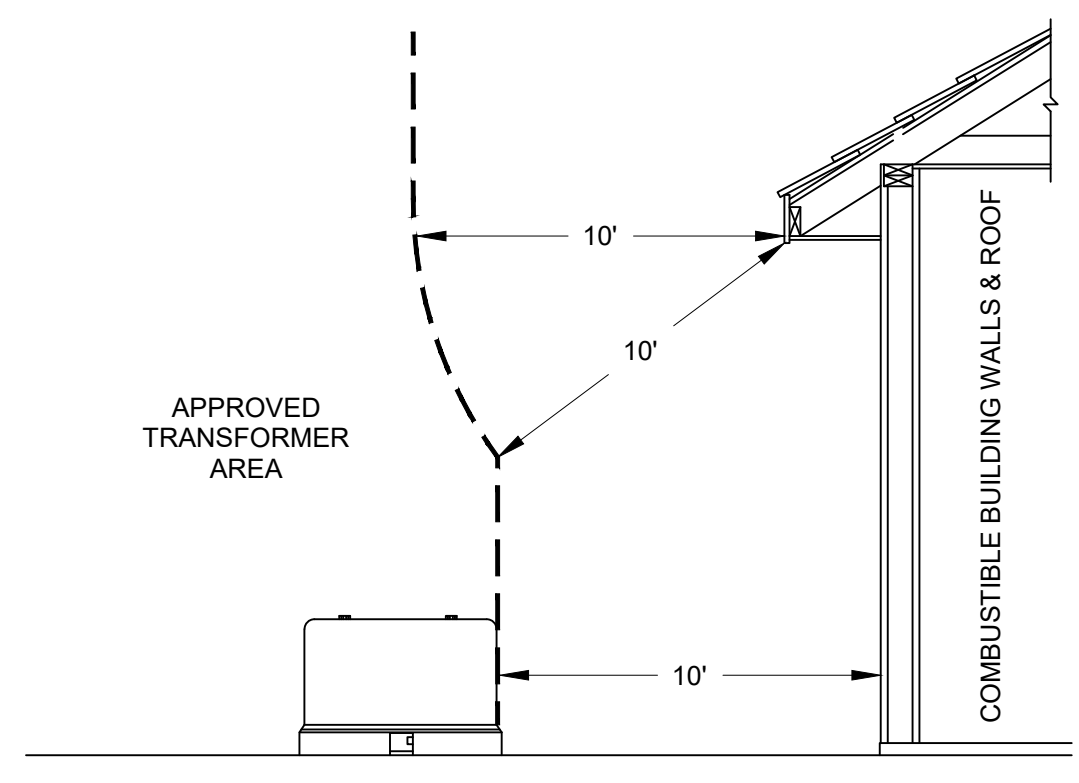
The applicant is responsible to notify the city of a job start 48 hours in advance using the CityView portal.
The permit and traffic control plans shall be posted at the job site and available to inspectors at all times.
Applicant must provide 48hr. notification to residents within 300 feet of the work area either via door hanger, message board or signs posted visibly along the right-of-way.



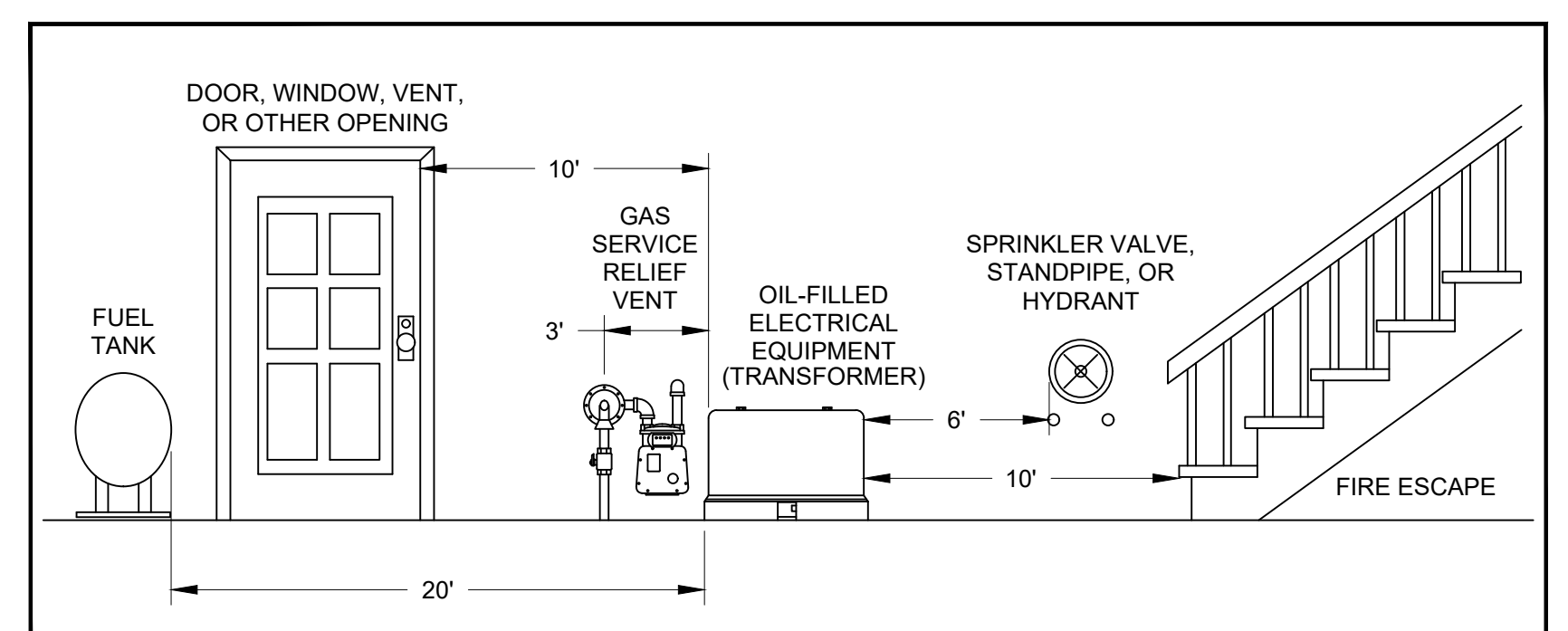
CLEAR WORKING SPACE FOR VAULTS
NOT TO SCALE



VAULT DETAIL @ J01 & J02
NOT TO SCALE

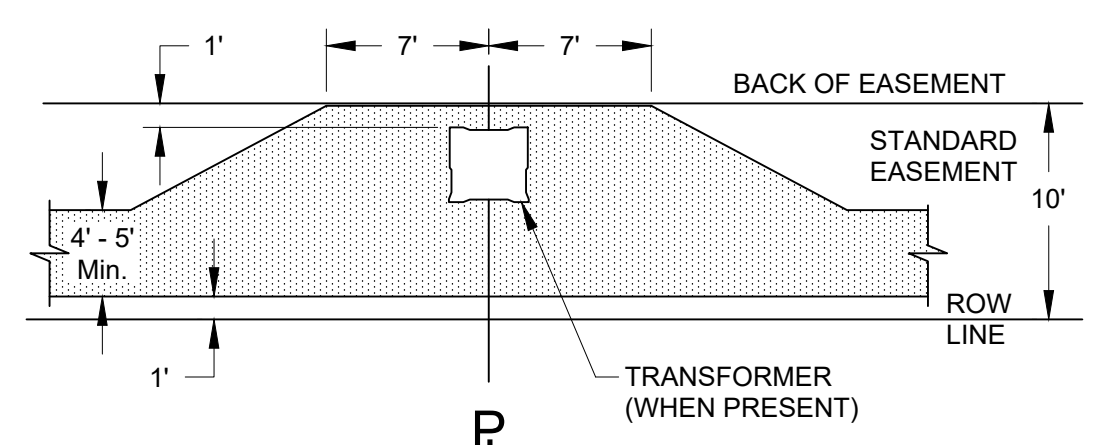


MINIMUM CLEARANCES FOR PSE EQUIPMENT
NOT TO SCALE

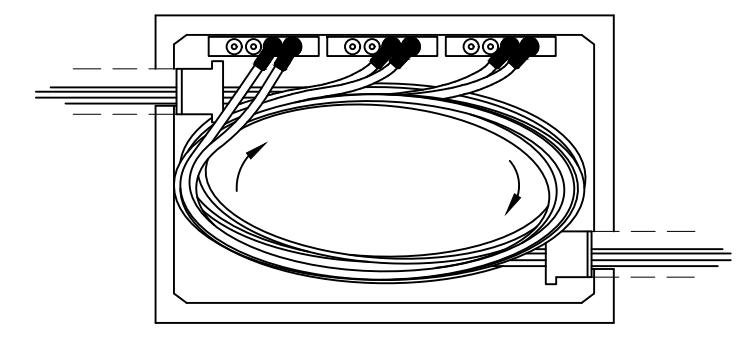


MINIMUM CLEARANCES FROM OIL-FILLED EQUIP. TO BLDG. FEATURES
NOT TO SCALE

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.)



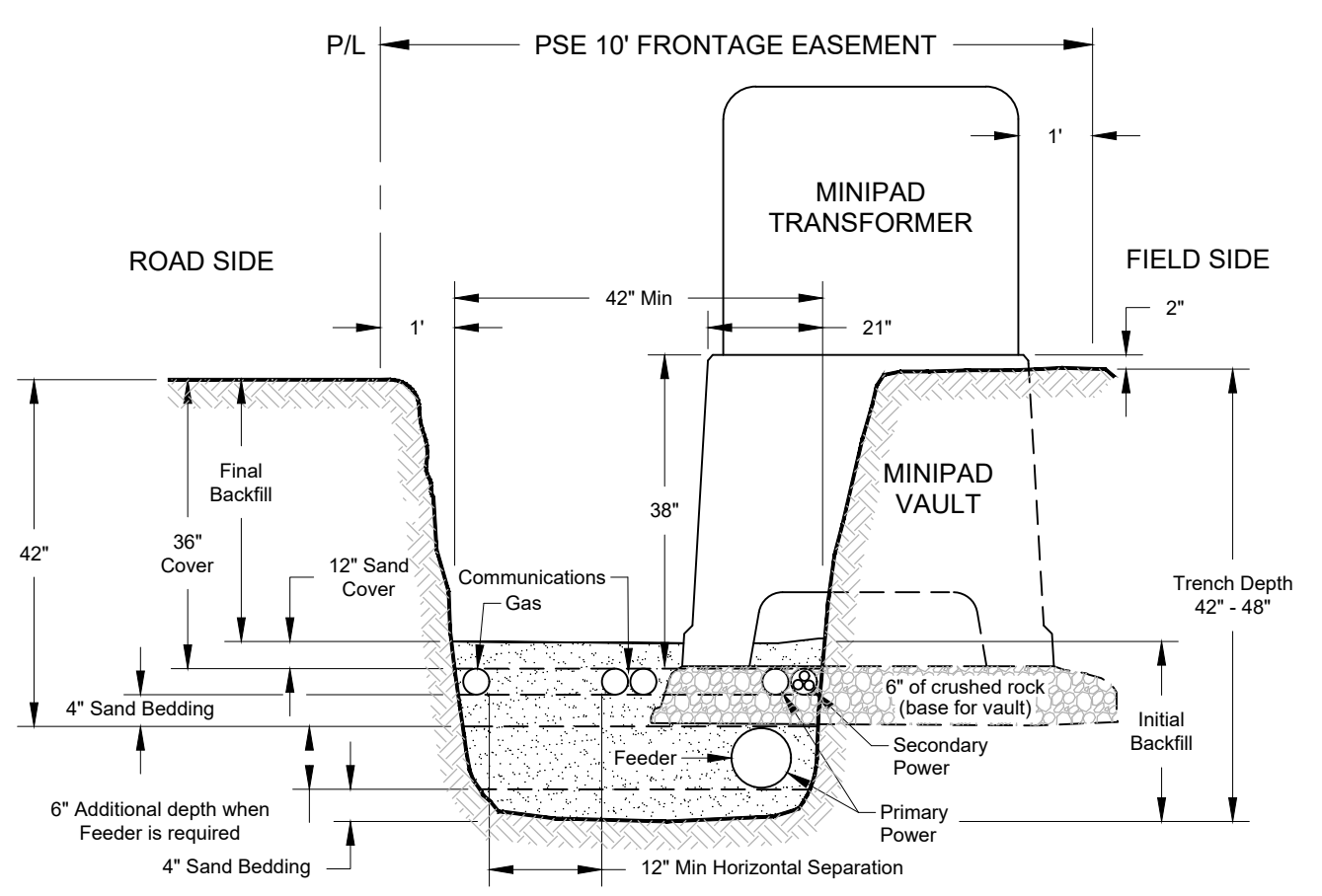
TYPICAL NOTCH-OUT FOR TRANSFORMER, & SECONDARY PEDESTAL/HANDHOLE
NOT TO SCALE



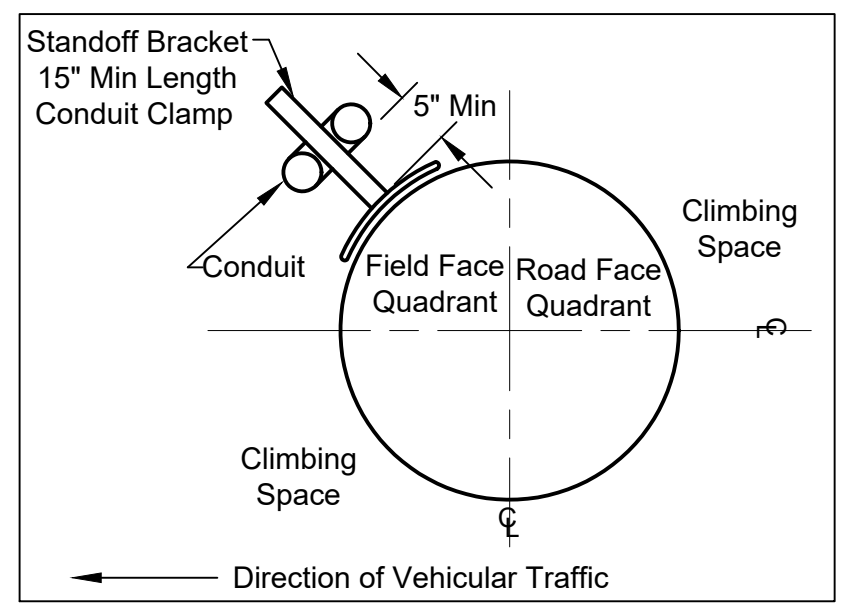
J-BOX CABLE ENTRY DETAIL
NOT TO SCALE

Oil-Filled Equipment Clearances per PSE Std 0700.1500

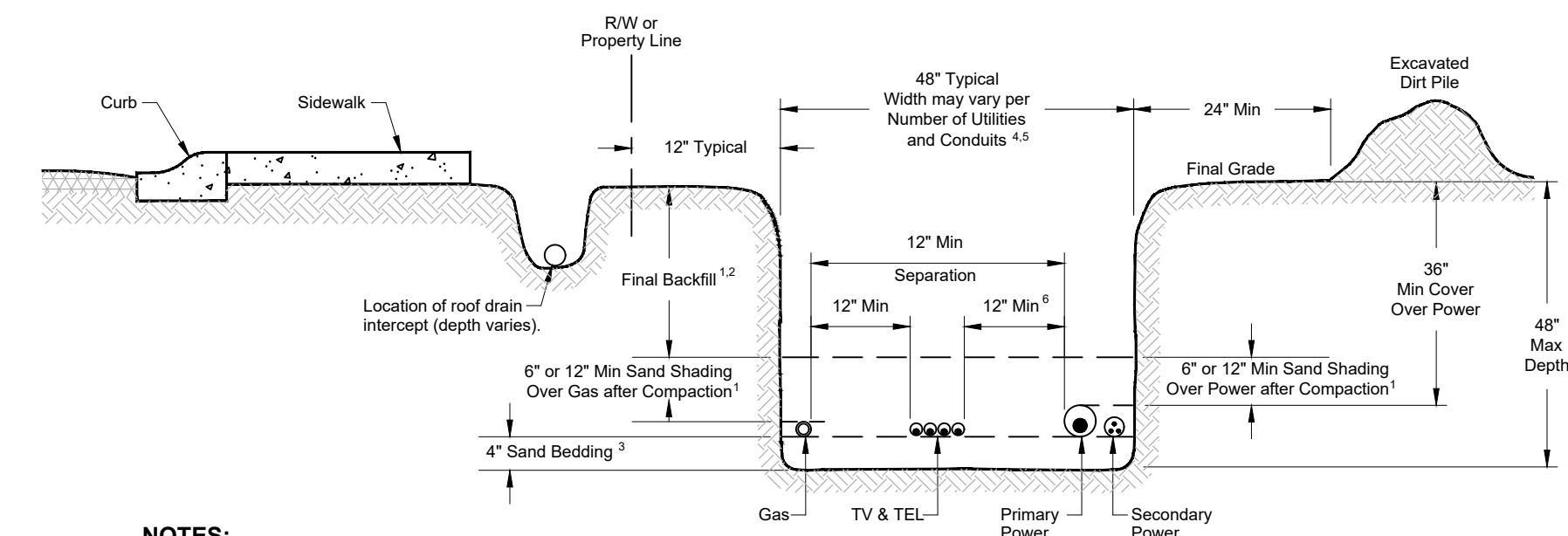
If the oil-filled equipment is adjacent to...	Clearance Requirement
Combustible walls or roof (including stucco).	10 FT
Noncombustible walls, soffits, and roofs (including brick, concrete, steel and stone) providing the side of the transformer facing the wall does not have doors. Materials that pass 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); TULT'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
NOT TO SCALE



CONDUIT RISER PLACEMENT DETAIL
NOT TO SCALE



- NOTES:**
- 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.
 - Rocks greater than 10 inches diameter are not permitted in the final backfill.
 - 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.
 - Utilities shall not be stacked over the gas line in the trench.
 - Utilities shall not be included in the trench, please contact PSE or local power company directly for clearance requirements.
 - Reduced clearance of 4 inches between power and communication, must have approval of the communications companies.
 - Alternatives to full-width trench shading require PSE approval.

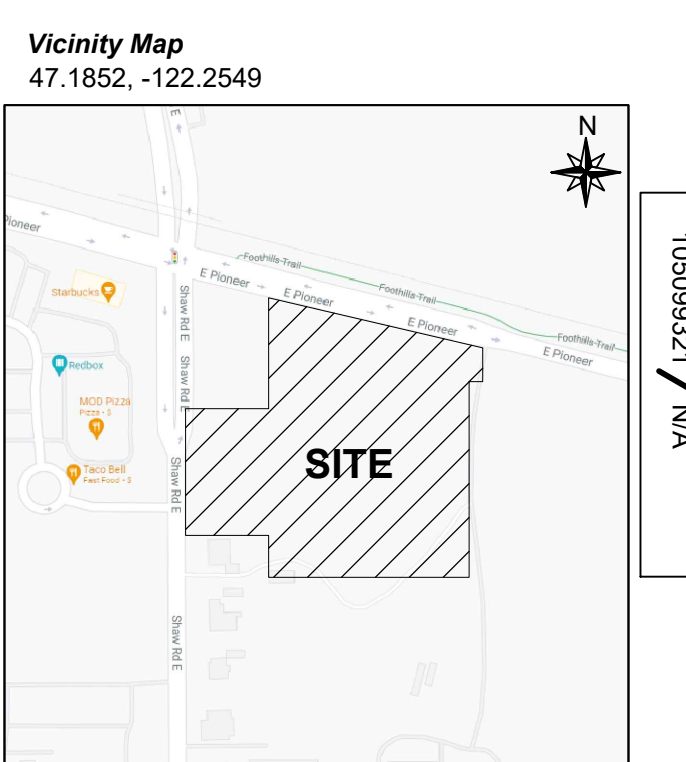
JOINT TRENCH DETAIL
Primary & Secondary-Mainline Gas & Communications (NTS)

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: _____ Date: _____
Print Name: _____



PROJECT PHASE	NOTIF#	ORDER#
PWR Superior	511795787	105099321
Commercial Relocation	N/A	105101743
Removal	N/A	N/A
Temporary Job Order	N/A	N/A
GAS Distribution	N/A	N/A
Service Stubs	N/A	N/A
HP Svc/MSA	N/A	N/A
CABLE TV		
PHONE		

Project Manager Contact Information:
Manager: DON BETTENCOURT
Cell Phone: 206.445.5958
E-Mail: don.bettencourt@pse.com

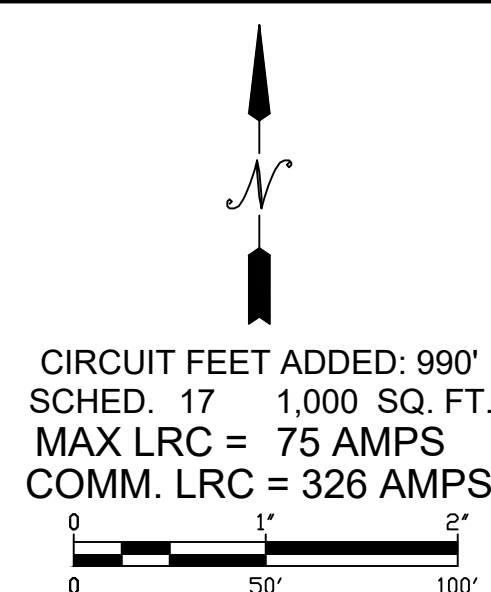
Owner / Developer Contact Info
EAST TOWN CROSSING, LLC
1001 SHAW RD
PUYALLUP, WA 98372
ATTN: GREG HELLE 253.845.9544 office
GREG.HELLE@ABSHERCO.COM
For contacts below dial 1-888-CALL PSE (225-5773)

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

REAL ESTATE/EASEMENT	PERMIT					
REDT # (RW-124805)	PUYALLUP					
3						
2						
1						
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A	DATE
114 SEC	26SE-T20N-R04E	OP MAP	PLAT MAP	DRAWN BY	A. VASQUEZ	08.26.22
U-MAP NO (POWER)	2004E104	OH CKT MAP	2004E104	CHECKED BY	J. Boland	425-429-4104 10/6/22
		UG CKT MAP	2004E104	APPROVED BY		
				FOREMAN #1		
				FOREMAN #2		
				MAPPING		

JOINT FACILITIES ARRANGEMENTS			
UTILITIES	COMCAST	WAVE BROADBAND	RIGHT OF WAY
CONTACT	MATT CRUZAN		MEGAN TUCHE
PHONE#			253.495.1427

PUGET SOUND ENERGY		EAST TOWN CROSSING	
DESIGNED BY PUGET SOUND ENERGY	30 PRIMARY U/G LINE EXTENSION - 8 M/F BLDGS, 192 UNITS	INCIDENT N/A	MAOP N/A
	PH#420264054; 3104 E PIONEER, PUYALLUP, WA 98372	Gas Order N/A	Elect Order 105099321
		SCALE	PAGE 1 OF 4



CIRCUIT FEET ADDED: 990'
 SCHED. 17 1,000 SQ. FT.
 MAX LRC = 75 AMPS
 COMM. LRC = 326 AMPS

CIRCUIT LOADING TABLE

CIRCUIT:	GAR-16		
AS OF:	A PHASE	B PHASE	C PHASE
EXIST. PEAK LOAD	348	298	286
EST. NEW LOAD	34	34	34
TOTAL	382	331	320

PRFUP20221625

The applicant is responsible to notify the city of a job start 48 hours in advance using the CityView portal.

The permit and traffic control plans shall be posted at the job site and available to inspectors at all times.

Applicant must provide 48hr. notification to residents within 300 feet of the work area either via door hanger, message board or signs posted visibly along the right-of-way.

BUILDING # MONUMENT	BUILDING # A	BUILDING # B	BUILDING # C
Units: N/A Sq. Footage: N/A Panel Size: 100A Heat Type: ELEC Est. Demand: 1KW LRC: N/A % V. Drop: 3.6 @ V01 % Flicker: 1.9 @ V01	Units: 24 + HP Sq. Footage: 1,000 Panel Size: 1,000A - 100A ea Heat Type: ELEC Est. Demand: 94KW LRC: 75 % V. Drop: 3.6 @ V01 % Flicker: 1.9 @ V01	Units: 24 + HP Sq. Footage: 1,000 Panel Size: 1,000A - 100A ea Heat Type: ELEC Est. Demand: 94KW LRC: 75 % V. Drop: 4.5 @ V02 % Flicker: 1.9 @ V02	Units: 24 + HP Sq. Footage: 1,000 Panel Size: 1,000A - 100A ea Heat Type: ELEC Est. Demand: 94KW LRC: 75 % V. Drop: 4.5 @ V02 % Flicker: 0.6 @ V02
City of Puyallup Development & Permitting Services ISSUED PERMIT	BUILDING # D Units: 24 + HP Sq. Footage: 1,000 Panel Size: 1,000A - 100A ea Heat Type: ELEC Est. Demand: 94KW LRC: 75 % V. Drop: 4.5 @ V03 % Flicker: 0.6 @ V03	BUILDING # E Units: 24 + HP Sq. Footage: 1,000 Panel Size: 1,000A - 100A ea Heat Type: ELEC Est. Demand: 94KW LRC: 75 % V. Drop: 3.6 @ V01 % Flicker: 1.9 @ V01	BUILDING # F Units: 24 + HP Sq. Footage: 1,000 Panel Size: 1,000A - 100A ea Heat Type: ELEC Est. Demand: 95KW LRC: 75 % V. Drop: 4.5 @ V02 % Flicker: 0.6 @ V02
	BUILDING # G Units: 24 + HP Sq. Footage: 1,000 Panel Size: 1,000A - 100A ea Heat Type: ELEC Est. Demand: 94KW LRC: 75 % V. Drop: 4.5 @ V03 % Flicker: 0.6 @ V03	BUILDING # H Units: 24 + HP Sq. Footage: 1,000 Panel Size: 1,000A - 100A ea Heat Type: ELEC Est. Demand: 94KW LRC: 75 % V. Drop: 4.5 @ V03 % Flicker: 0.6 @ V03	BUILDING # CLUB HOUSE Units: N/A Sq. Footage: 3000 Panel Size: 400A Heat Type: ELEC Est. Demand: 25KW LRC: 326 % V. Drop: 3.6 @ V01 % Flicker: 1.9 @ V01

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

CUSTOMER OWNED AND INSTALLED SECONDARY WIRE TABLE

BLDG.	# OF METERS	SOURCE	# OF RUNS	WIRE SIZE	REMARKS
A	25	V01	4	350KCMIL	-
E	25	V01	4	350KCMIL	-
CLUB HS	1	V01	2	250KCMIL	-
-	1	V01	1	4/0	MONUMENT
B	25	V02	4	350KCMIL	-
C	25	V02	4	350KCMIL	-
F	25	V02	4	350KCMIL	-
D	25	V03	4	350KCMIL	-
G	25	V03	4	350KCMIL	-
H	25	V03	4	350KCMIL	-

ALL CUSTOMER-OWNED WIRE MUST BE INSTALLED ACCORDING TO THIS TABLE

SITE SPECIFIC NOTES

- AT P01 (568014-156431) 80' CLASS 1, 1994
- INSTALL 3Ø TERM ON ANOTHER 8-PIN DBL STD 9' FIBERGLASS ARM (ARD2S09) W/ LOAD INTERRUPTER C/O & SURGE ARRESTOR (TSU3LTW) 6043.1003
- (-4) STIRRUP (2254200)
- (-2) ALUM "H" CONNECTOR (2167700)
- (-4) FUSE @ 100T (3412700); TAP 3 PHASE
- INSTALL SWITCH # T88044
- INSTALL 4" PRI RISER ON NEW STANDOFF BRACKETS (RIS4CSS) 6042.1000

CROSSING CONDUIT TABLE

X-ING #	LOCATION		POWER			XING LENGTH	ASBUILT LOCATION	TYPE OF CROSSING (Feeder, Primary, Secondary, etc.)
	FROM	TO	SIZE (IN)	TYPE	QTY			
X01	'A'	BLDG. E	4	DB120	1	40	() ECL	PRIMARY
X02	'B'	'C'	4	DB120	1	40	() SCL	PRIMARY
X03	'D'	'E'	4	DB120	1	40	() ECL	PRIMARY
X04	'E'	BLDG. G	4	DB120	1	40	() SCL	PRIMARY

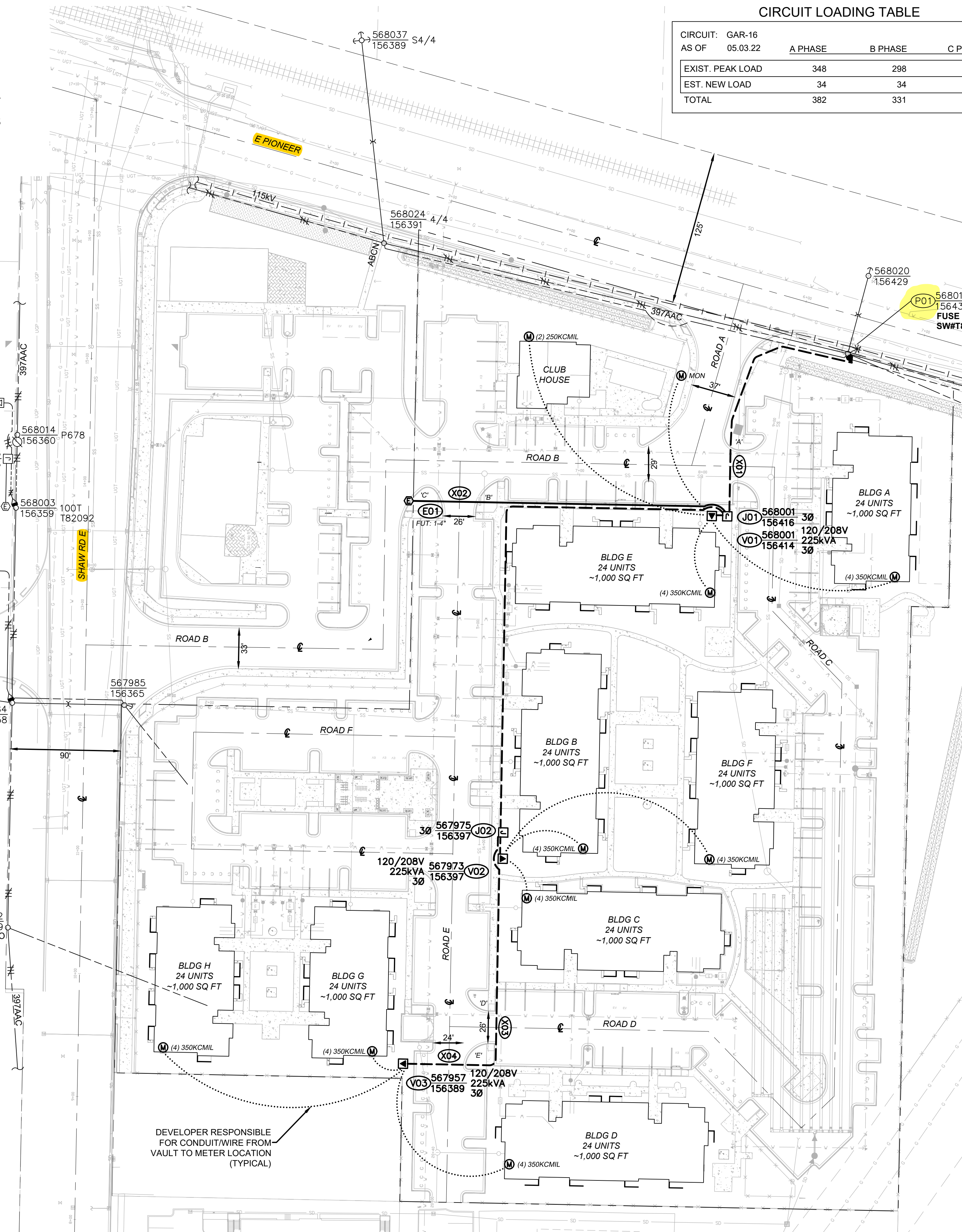
4" DB120 GREY PVC = 160 FT 4" PVC PLUG /CAPS = 8

Developer Note:

The following Fault Current information **MUST BE** conveyed to the builder of the units:
 All units may require upgraded house electrical equipment as the fault current at the meter base may exceed 10,000 amps.

FAULT CURRENT TABLE

3Ø PM TRANSFORMERS (208Y/120V)						
LOCATION	SIZE	R/X	120V WINDINGS		208V WINDINGS	
			MIN. %Z	FAULT CURRENT	MIN. %Z	FAULT CURRENT
V01-V03	225kVA	0.3	-	-	2.10	39,700 AMPS



DEVELOPER RESPONSIBLE FOR CONDUIT/WIRE FROM VAULT TO METER LOCATION (TYPICAL)

SITE PLAN
1" = 50'

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	
REDT # ()	RW-124805	PUYALLUP	
3		FUNCTION	CONTACT
2		PROJECT MGR	D. BETTENCOURT 206.445.5958
1		ENGR - POWER	C. GESTRING 253.234.6394 09.12.22
REV#	DATE	BY	DESCRIPTION
1/4 SEC	26SE-120N-R04E	OP MAP	N/A
U-MAP NO (POWER)	2004E104	OH CKT MAP	2004E104
		UG CKT MAP	2004E104
		CIRCUIT NO	GAR-16
		MAPPING	

JOINT FACILITIES ARRANGEMENTS			
UTILITIES CONTACT	COMCAST	WAVE BROADBAND	RIGHT OF WAY
PHONE#	MATT CRUZAN		MEGAN TUCHE
			253.495.1427

PUGET SOUND ENERGY
 EAST TOWN CROSSING
 3Ø PRIMARY U/G LINE EXTENSION - 8 M/F BLDGS, 192 UNITS
 PH#420264054; 3104 E PIONEER, PUYALLUP, WA 98372

INCIDENT N/A	MAOP N/A
Gas Order N/A	Elect Order 105099321
SCALE 1" = 50'	PAGE 2 OF 4