

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 Foreman's 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 LOADING TABLE
Circuit: GAR-16 Customer 3Ø Load: 81
As Of: 2020 Power Factor: .85
Phase to Phase Voltage: 12500
Existing Peak Load: 263.0 274.0 272.0
Estimated New Load: 4.4 4.4 4.4
Total: 267.4 278.4 276.4

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.

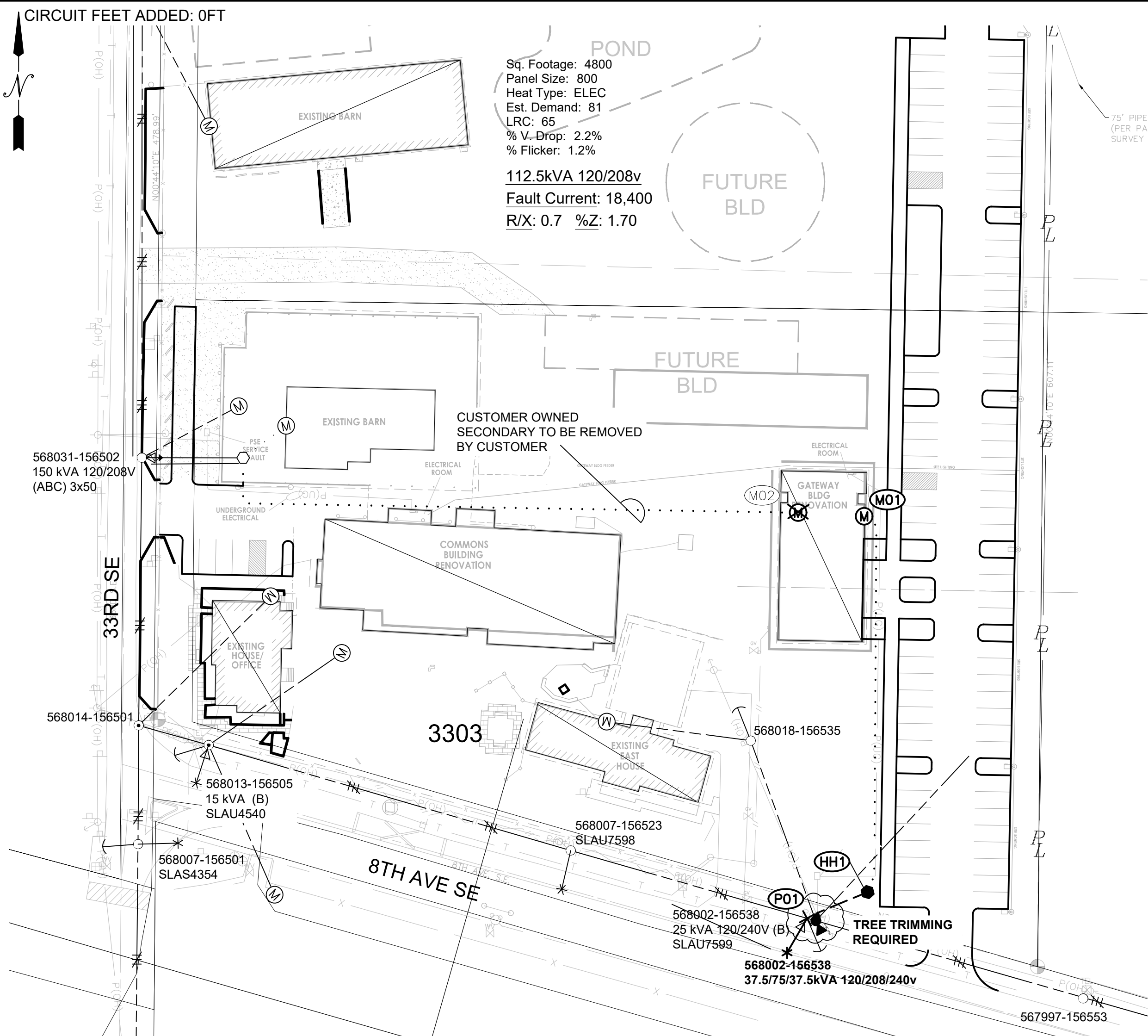
P01: 568002-156538
REPLACE 40FT 80 POLE W/ 45FT CL-1 (W/ GND) AS STAKED 2-23 <PSE PAID>
INST STD 8 PIN SINGLE ARM
INST 2 - PIN & INSUL
INST PTP
INST C/O ARM
REPLACE 25KVA 1Ø W/ 37.5/75/37.5KVA OH TRF BANK 120/208/240V (2)2-24
INST 3 - L/B C/O F: 6T / 25T / 6T
INST 2 - STURRRUPS & TAPS (2)2-24
INST. 2 - 3" SEC. RISERS ON S/O BRKTS
HH1:
INST CONCRETE SECONDARY HANDHOLE 233 W/10-350 6 POS 2-34
INST GROUND TO STEEL LID
CONNECT & TAG CUSTOMER RAN UG SVC LINES (3 RUN OF 400AL)
P01 TO HH1:
INST 2 - 3" DB120 CONDUIT ±20FT (BILLABLE: 20FT)(ACTUAL: ) (2)2-36 X 2
INST 2 - 350MCM UG QUAD ±55FT (BILLABLE: 55FT)(ACTUAL: ) (2)2-54A X 2

MAPS & RECORDS:
NOTE CORRECTION TO EXISTING METER LOC. & NO EXISTING STREETLIGHT AT P01

CUSTOMER NOTES:
SITE MUST BE READY 1 WEEK PRIOR TO CONSTRUCTION.
CUSTOMER TO PROVIDE ALL TRENCHING AND EXCAVATING

Please do not submit appropriated plans. Please draft and submit an Astound Broadband site plan that only depicts the work that Astound Broadband will complete as described in the permit application. The permit application description only refers to 1 of the two work locations that are depicted on the PSE plans. [SITE PLAN, sheet 1 of 1]

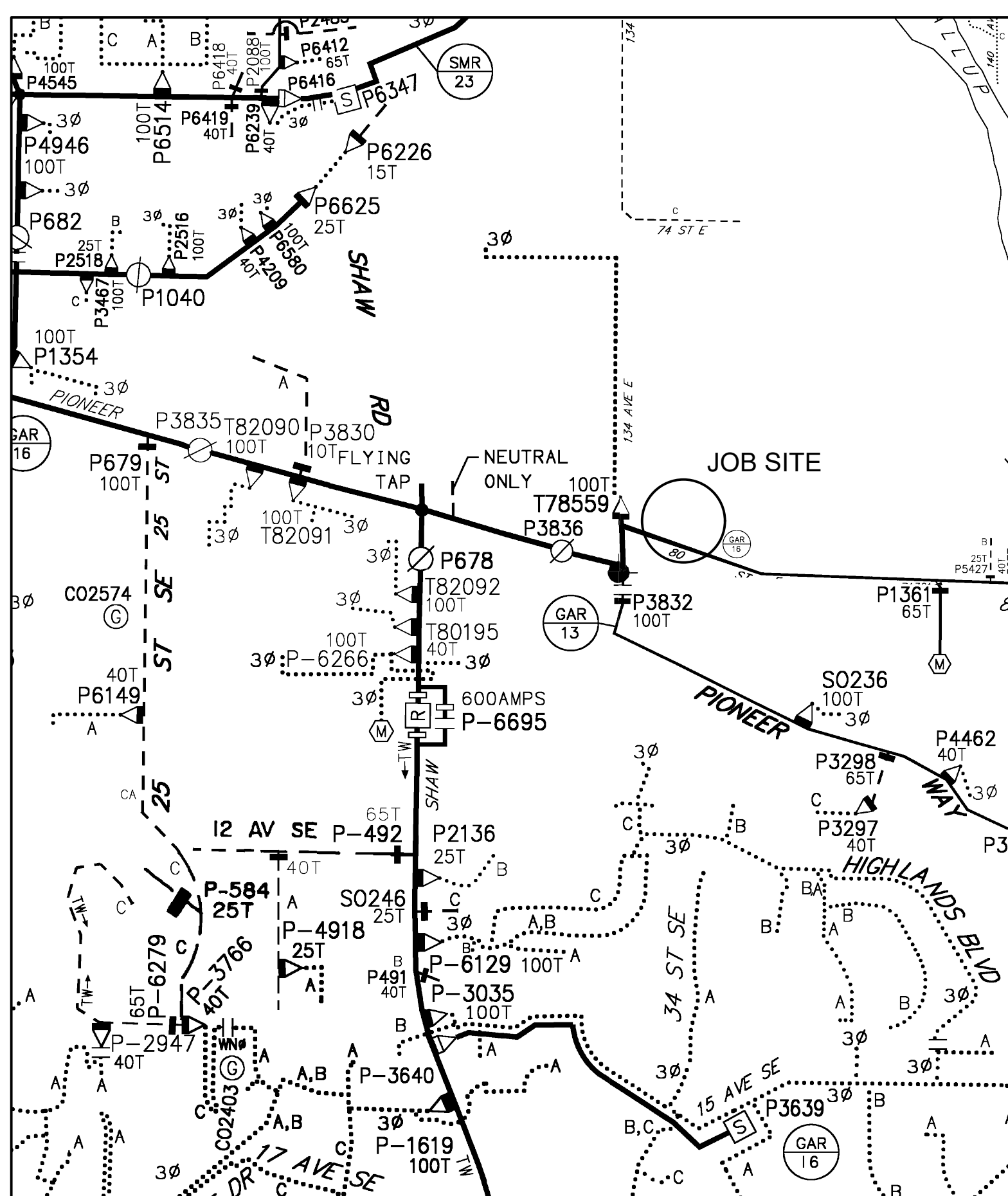
TRANSFORMER BANK INSTALLATION
Foreman to redline field changes
Installed at site: P01
Grid Number: 568002-156538
Bank Configuration:
Secondary Voltage:
Foreman to redline the following information
Tested Secondary Voltage
NOTE: The foreman should record one phase-to-neutral and one phase-to-phase voltage. If the bank is a combination 120/208V with single phase 120/240V, record the tested voltage of the 240V connection in addition to the voltage of the 120/208 transformer connections.



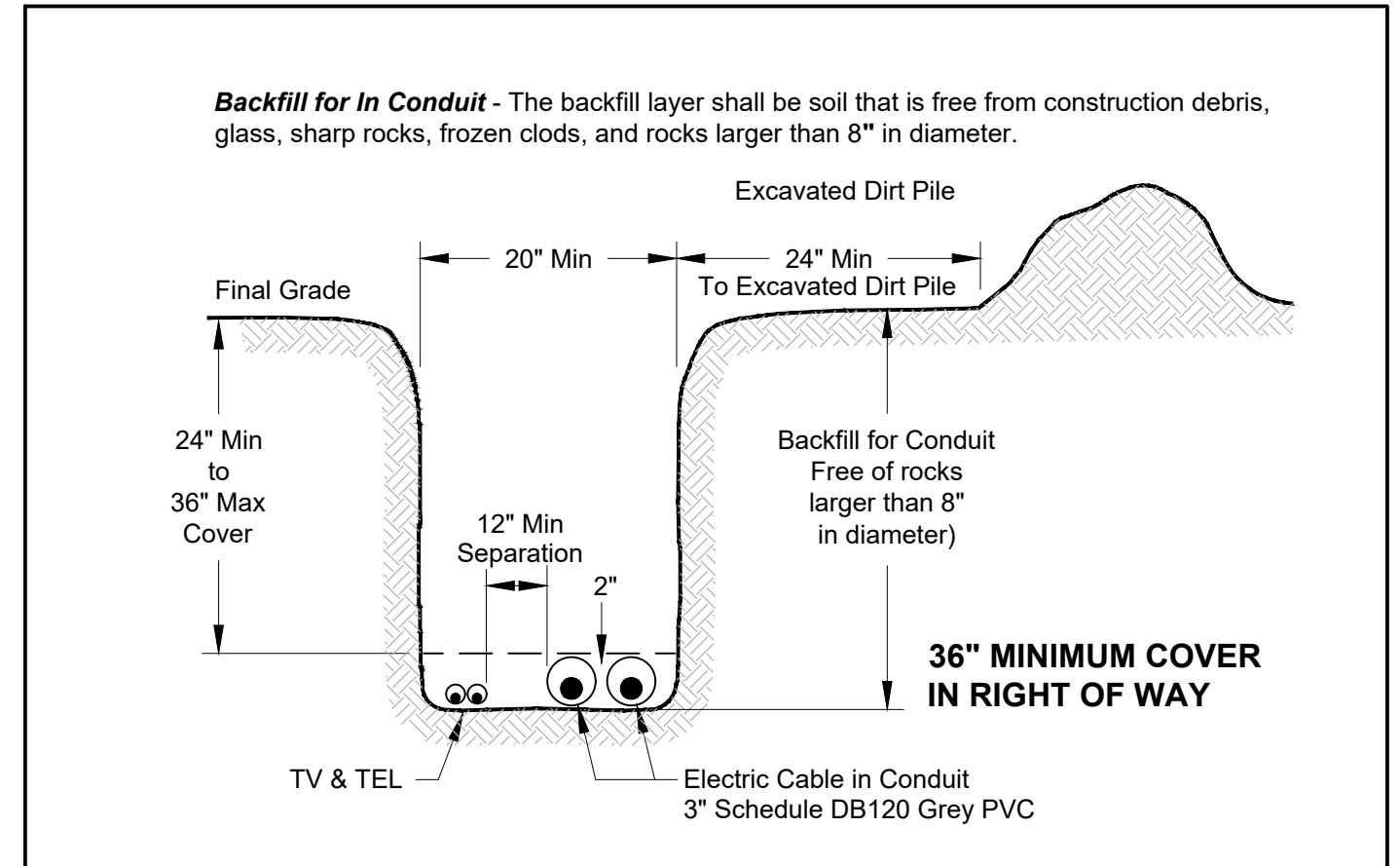
SITE PLAN
SCALE: 1" = 50'

TRANSFORMER REMOVAL
Removed at site: P01
Grid Number: 568002-156538
KVA Rating: 25
Foreman to redline the following information
Company ID#:
Primary phase connected to:
Tested Secondary Voltage

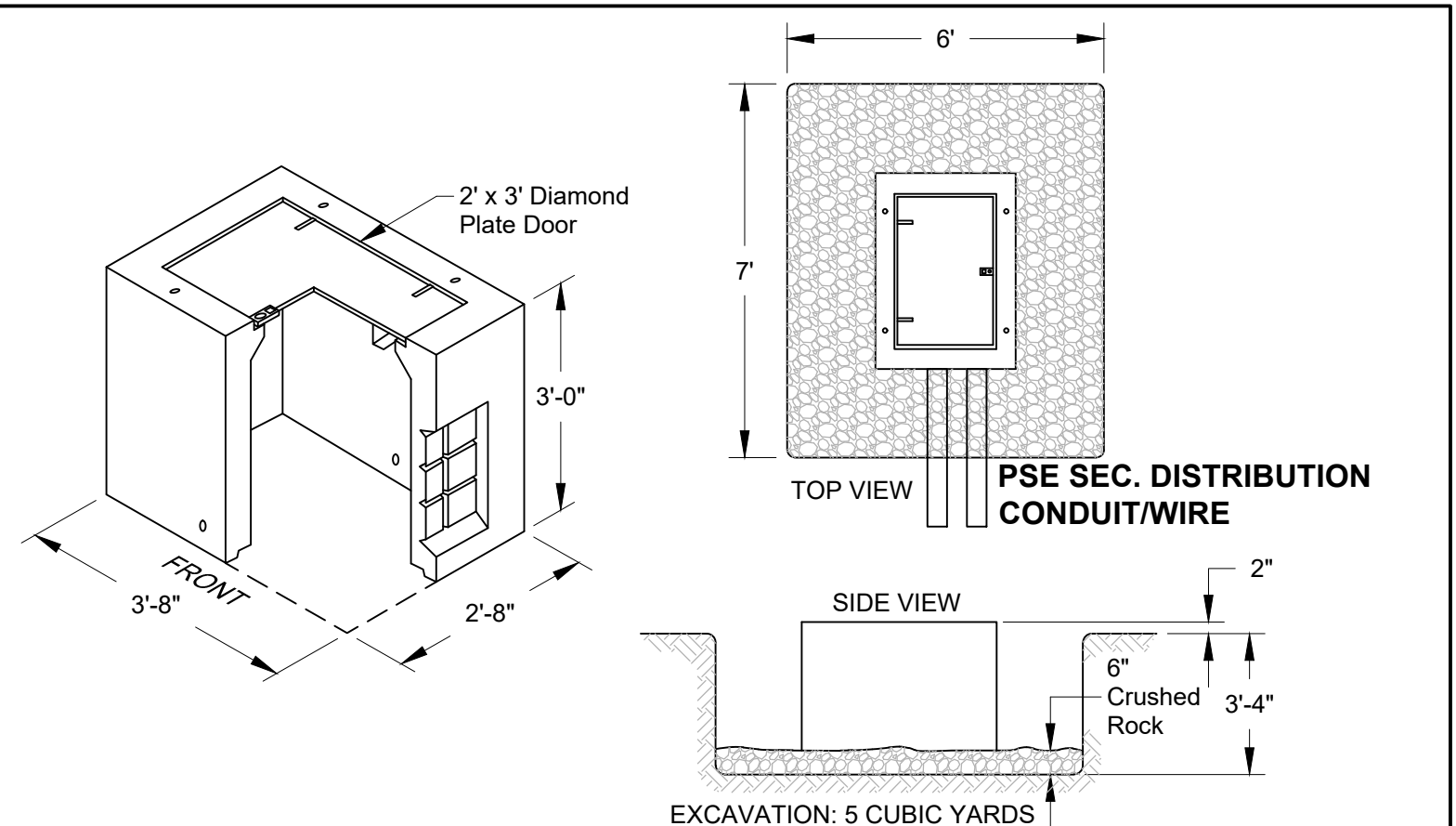
POLE RETIREMENT TABLE
Table with columns: Wk Loc, Pole Data (Grid #, Length, Class, Year, TOPPED, RMVD), TEMP TRANSFERS (TEL, TV, FIBER)



OVERHEAD CIRCUIT MAP
SCALE: NONE



CUSTOMER-SUPPLIED TRENCH FOR SECONDARY DIST. (P01 TO HH1)
SCALE: NONE



CUSTOMER-SUPPLIED EXCAVATION FOR VAULT (HH1)
SCALE: NONE

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.

Vicinity Map
JOB SITE
Owner / Developer Contact Info
STEP BY STEP FAMILY SERVICES
PO BOX 488
MILFORD, WA 98354
ATTN: STEVE CURNOW 253-208-8190 office
For contacts below dial 1-888-CALL PSE (225-5773)

PROJECT PHASE NOTIF# ORDER#
PWR Superior 511373769 105098783
Replace Pole 101144776 108132857
593241012 583
Replace Xfrm 511936007 104339951
Permit Service N/A N/A
Distribution Service Stubs N/A N/A
HP Svc/MSA N/A N/A

Project Manager Contact Information:
Manager: Jennifer Welch
Cell Phone: 253.682.9813
E-Mail: Jennifer.Welch@pse.com
PSE Locates Required YES
Customer Locates Required YES
Outages Required YES
Flagging Required YES

REAL ESTATE/EASEMENT PERMIT
Table with columns: REV#, DATE, BY, DESCRIPTION, ENGR - GAS, CONTACT, PHONE NO, DATE

JOINT FACILITIES ARRANGEMENTS
UTILITIES: N/A N/A N/A N/A
CONTACT: N/A N/A N/A N/A
PHONE#: N/A N/A N/A N/A
STEP BY STEP FAMILY SERVICES
COMMERCIAL INST OH 3Ø XFRM BANK & HH
3303 8TH AVE SE, PUYALLUP
INCIDENT: N/A MAOP: N/A
Gas Order: N/A Elect Order: 105098783
SCALE: AS NOTED PAGE: 1/1

Mar 18, 2022 - 1:47pm C:\Users\dgokin\Documents\105098783 step by step - aud.dwg 105098783 step by step - aud.dwg