



**UTILITY PLACEMENT PERMIT APPLICATION**  
FOR UTILITY WORK IN THE RIGHT-OF-WAY

**Department of Community Services**  
**Transportation Division**  
1620 SE 190<sup>th</sup> Avenue  
Portland, OR 97233-5910  
Email: [ROW.Permits@multco.us](mailto:ROW.Permits@multco.us)  
Phone: (503) 988-3582  
Fax: Fax (503) 988-3321

Official Use Only

Permit Number: UT-2024-0098

Permit Approved By: RICK BUEN

Title: ENGINEER 2

Permit Effective Date: 05/15/2024 - 09/14/2024

INSURANCE REQUIRED: YES No Permit Fee

OFFICIAL USE ONLY – INSPECTOR STAMP:

Date Started: \_\_\_\_\_

Final Inspection: \_\_\_\_\_

Approved By: YES \_\_\_\_\_ NO \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_

**APPLICANT INFORMATION:**

Name:	Archie Okon - Portland General Electric		
Mailing Address:	10800 SW Avery St, Tualatin, OR, 97062		
Email Address:	Crewcoordination-eastern@pgn.com		
Phone/Fax:	503-464-7777		
Work Order Number:	M3292698		
24-Hour Contact Person & Number:	503-464-7777	License or CCB Number(s):	103663

**JOB SITE INFORMATION & LOCATION:**

Site Address: *IF NO ADDRESS, PROVIDE DETAILED INFORMATION TO HELP LOCATE YOUR PROJECT	SE CARPENTER LANE
Tax Lot:	D1422C
Tax Map:	

**CONTRACTOR INFORMATION:**

Company Name:	Portland General Electric
Contact Name:	Antonio Martinez
Mailing Address:	10800 SW Avery St, Tualatin, OR, 97062
Email Address:	Crewcoordination-eastern@pgn.com
Phone/Fax:	503-464-7777

**TRAFFIC CONTROL / ATTACHMENTS:**

<input type="checkbox"/>	Check Here to REQUEST CONSIDERATION for Use of Steel Plates in the Right-of-Way
<input checked="" type="checkbox"/>	ODOT Temporary Traffic Control Handbook (Dec.2011 Diagram Numbers):
Site Specific Traffic Control Plan	



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Phone: (503) 988-83582  
Fax: Fax (503) 988-3321

**Project Plans:**

<input type="checkbox"/> Plan View of the Project Site and Project – <b>INCLUDE</b> detailed information (i.e. address of project work)	<input type="checkbox"/> Erosion Control Plan
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**Traffic Control Plans:**

<input checked="" type="checkbox"/> Traffic Control Plan Included	<input type="checkbox"/> No Traffic Control Plan Needed – <b>REASON:</b>
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**DESCRIPTION OF WORK:**

New  Facility  Bore  Plow  Core  Drill  Street Cut  Trench  Hole Hog  Other (specify) \_\_\_\_\_

**UTILITY TYPE:**

Cable  Electric  Gas  Sanitary  Phone  Storm  Telecomm  Water  Other (specify) \_\_\_\_\_

**SIZE OF PROPOSED EXCAVATION:**

Length (ft.): \_\_\_\_\_ Width (ft.): \_\_\_\_\_ Depth (ft.): \_\_\_\_\_ Bore Line (ft): \_\_\_\_\_

**DESCRIPTION OF WORK:** STREET FRONTAGE IMPROVEMENTS FOR PWB BULLRUN FILT. PLANT / MULT CO

**GENERAL APPLICATION/PERMIT TERMS:**

1. Upon approval of this Application by Multnomah County by the indicated signature below, this page shall become the first page of the Permit and the Applicant shall become the "Permittee."
2. Permittee must notify Multnomah County at 503-988-3582, at least one business day (24 hours) before commencing work under this permit.
3. Except as allowed under the Multnomah County Road Rules Section 18, Subsection 18.250, Permittee must complete any authorized demolition, installation, construction, placement, or similar work activities in the road right-of-way not later than 120 days after Permit Effective Date. Any extension of time beyond that period is subject to the sole discretion of Multnomah County.
4. Any Permit issued pursuant to this Application shall be applicable only to the specific public road right(s)-of-way under the Jurisdiction of Multnomah County authorized and identified herein. Applicant must obtain an additional permit or consent from Multnomah County for the use of any other public road right(s)-of-way under the County's Jurisdiction.
5. Applicant must obtain the consent from the appropriate authority for the use of any roads, highways, and streets that are not under Multnomah County's Jurisdiction.
6. This Permit shall not be effective until a construction plan; specifications or other similar documentation has been reviewed and approved by the County Engineer or designee and incorporated into the Permit.
7. This Permit includes the "**Permit Provisions**" attached hereto and which are incorporated by this reference.

(Authority: ORS 374.305-ORS 374.330; ORS Chapter 758; MCC Chapters 27 and 29)

Applicant's Signature: Archibong Okon Date: 4/29/24

Applicant's Print Name: Archibong Okon Date: 4/29/24

## RIGHT OF WAY USE PROVISIONS FOR UTILITY PERMITS

1. **(A)** This Permit is issued by Multnomah County as a jurisdictional authority (hereinafter “County”) over the Right of Way described on Page 1 of this Permit (the “Right of Way”) to the Permittee (County and Permittee hereinafter collectively referred to as the “Parties”) and controls all aspects of the Right of Way Use(s) set forth on Page 1, and as further provided in and subject to:
  1. If applicable, **Exhibit A**, which shall consist of any plans, specifications, drawings, or other design documents (collectively referred to as the “Plans”) attached hereto, or as the Parties agree in writing to amend or revise said **Exhibit A** and which shall not be changed, altered, or modified without first obtaining the written consent of the County Engineer or the County Engineer’s designee;
  2. If applicable, the Miscellaneous Provisions in Section 15. A;
  3. To the extent applicable, **Exhibit A** is hereby incorporated as a part of this Permit.
- (B)** This Permit does not authorize any activity on privately owned property. Should Permittee’s activities encroach beyond the boundaries of the Right of Way covered under this Permit or otherwise exceed the jurisdictional authority of the County, Permittee shall obtain written consent from any owners of property abutting the Right of Way before beginning any work under this Permit.
- (C)** This Permit has been issued in connection with work done in a public road that is authorized pursuant to the provisions of ORS 758.010(1) “...to construct, maintain and operate its water, gas, electric or communication service lines, fixtures and other facilities...” along said public road; the County reserves all the rights under ORS 758.010(2) to direct the Permittee to relocate any such fixture, line or facility in the subject public road.
- (D)** This Permit is subject to ORS Chapters 374 and 758 and incorporates the following rules adopted by Multnomah County pursuant to Multnomah County Code Chapters 27 and 29:
  1. **The Multnomah County Road Rules (MCRR)**, dated March 27, 2018, or as the MCRR shall be amended, and
  2. **The Multnomah County Design and Construction Manual (DCM)**, and as the DCM shall be amended.
- (E)** For purposes of this Permit, the term “Permittee” shall refer to all parties acting under this Permit, including the the Applicant and any contractors and/or agents acting on behalf of the Applicant in performing the work authorized under this Permit. The use of the term “Permittee” shall not be intended to limit the number of parties that Applicant engages to perform its work under this Permit.
2. **(A)** The County contact person to coordinate work activities on the Right of Way shall be: [\(503\) 988-3582](tel:5039883582), e-mail: [ROW.Permits@multco.us](mailto:ROW.Permits@multco.us), or as listed in [Miscellaneous Provisions](#).
- (B)** Permittee contact person shall be listed on the cover pages of this permit or under the Miscellaneous Provisions.
3. **(A)** Prior to beginning any work or activities under this Permit, the Permittee shall confirm in writing to the County that Permittee has obtained a commercial general liability insurance policy that provides: (i) for a combined single limit of not less than \$1,000,000 per each incident or occurrence, and with an annual aggregate limit of not less than \$2,000,000 ; (ii) for extended reporting period coverage for claims made within two years after the activities, work or associated work authorized under this Permit is completed; (iii) for the County, its officers, employees and agents to be named as additional named insureds for all activities, work or associated work being authorized under this Permit. This Permit is automatically revoked without further action if the insurance is permitted to lapse, is canceled, or for any other reason becomes inoperative. Insurance policy limits quoted herein are minimums set for 2014 and shall be subject to County review and adjustment annually.
- (B)** Alternatively, if Permittee is self-insured for the risks for which insurance is required under this Permit, and if

Permittee's self-insurance verification is submitted to the County, Permittee shall not be required to procure insurance as required under Subsection 3(A). For the duration of this Permit, Permittee shall annually provide written verification of self-insurance to the County. This requirement may be waived for governmental entities who have previously provided their verification of self-insurance.

4. **(A)** To the extent allowed under the Oregon Constitution and the Oregon Tort Claims Act, the Permittee agrees to defend, indemnify, and hold harmless the County, its officers, employees, and agents (the "Indemnitees") from all claims, demands, suits, liabilities, damages, losses, costs, or expenses, including but not limited to attorney's fees, that the Indemnitees may sustain or incur on account of any damage to or destruction of any property that the County or any person, party or corporation may own or in which it may have an interest, or from the injury or death of any person or persons, which arise out of or are in any way connected with the activities conducted or work performed under this Permit by the Permittee, their officers, employees, contractors, agents, or other parties accessing or working on utilities. This duty to defend, indemnify and hold harmless does not apply to parties accessing or working on utilities which obtain separate permits for such access and work.

**(B)** To the extent allowed under the Oregon Constitution and the Oregon Tort Claims Act, the Permittee agrees to defend, indemnify, and hold harmless the Indemnitees from all claims, demands, suits, liabilities, damages, losses, costs, or expenses which arise out of or are in any way connected with the use, generation, manufacture, storage, discharge, release, disposal, transportation, or possession of Hazardous Materials by the Permittee, its employees, contractors, or agents at any time during the term of this Permit at the Permit Site. "Hazardous Materials" means:

**(a)** any petroleum, including crude oil or any fraction thereof, natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel, or any mixture thereof, flammable substances, explosives, radioactive materials, hazardous wastes or substances, toxic wastes, wastes or substances or any other materials or pollutants which:

(1) pose a hazard to the Permit Site or to persons on or about the Permit Site, or

(2) cause the Permit Site to be in violation of any federal, state, or local law, ordinance, regulation, code, or rule relating to Hazardous Materials;

**(b)** asbestos in any form which is or could become friable, urea formaldehyde foam insulation, transformers, or other equipment which contain dielectric fluid containing levels of polychlorinated biphenyls in excess of fifty (50) parts per million;

**(c)** any chemical, material, or substance defined as or included in the definition of "hazardous substances," "hazardous wastes," "hazardous materials," "extremely hazardous waste," "restricted hazardous waste," "waste" or "toxic substances," or words of similar import under any applicable local, state, or federal law or under the regulations adopted or publications promulgated pursuant thereto including, but not limited to, the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended, 42 U.S.C. § 9601, et seq.; the Hazardous Materials Transportation Act, as amended, 49 U.S.C. § 1801, et seq.; the Resource Conservation and Recovery Act, as amended, 42 U.S.C. § 6901, et seq.; the Federal Water Pollution Control Act, as amended, 33 U.S.C. § 1251, et seq.; and

**(d)** any other chemical, material or substance, exposure to which is prohibited, limited, or regulated by any governmental authority or may or could pose a hazard to the health and safety of the owners and/or occupants of property adjacent to or surrounding the Permit Site.

**(C)** The Permittee's obligations under Section 3 and Section 4 herein, shall survive the termination of this Permit to the fullest extent as allowed or recognized under applicable law, statutes, codes or regulations.

**(D)** Notwithstanding the foregoing language in this Section 4(A), Permittee shall not be liable for (and the foregoing indemnity obligations shall not cover) any claim, demand, suit, liabilities, damages, losses, costs, or expenses to the extent the same resulted from the negligence, willful misconduct or strict liability of Multnomah County, its officers, employees, contractors or agents.

5. Traffic control is the responsibility of the Permittee and shall be performed in accordance with the Manual of Uniform Traffic Control Devices and Oregon Supplements. The Permittee shall submit a copy of the traffic control plan for County review and approval not less than five working days prior to the date the activities or work authorized under this Permit are scheduled to begin. Work or activities shall not begin until written approval of the traffic control plan is obtained from the County Engineer or designee.
6. The Permittee shall provide the name and telephone contact number for its Project inspector or contractor, and a 24-hour emergency telephone number(s) for the Project inspector or contractor, prior to beginning activities or work under this Permit.
7. Within 30 days of request by the County, Permittee shall provide the County with a list of all current or pending lessees leasing space from Permittee within the Right of Way, which shall include contact information for lessee.
8. ATTENTION: Oregon law requires you to follow rules adopted by the Oregon Utility Notification Center (the "Center"). Those rules are set forth in OAR 952-001-0010 through OAR 952-001-0090. You may obtain copies of the rules by calling the Center. The telephone number for the Center is (503) 232-1987.
9. No modification shall be made to any fixture or installation as shown on Exhibit A and authorized under this Permit without prior approval from the County.
10. The Permittee shall restore the Right of Way to an equal or better condition than existed prior to the activities or work authorized under this Permit. The Permittee is responsible for quality control of all demolition or new construction made to the Right of Way. The County may perform spot inspections to monitor quality control. The Permittee shall correct all construction work that does not conform to County standards. The County may require additional work to return the Right of Way to "as good" or "better" condition.
11. The Permittee shall be in compliance with all federal, interstate, state, regional, and local laws, regulations, rules, and ordinances, pertaining to all the activities or work performed under this Permit including, but not limited to, obtaining all necessary and applicable construction and erosion control permits and approvals prior to beginning the activities or work authorized under this Permit and compliance with all applicable business licenses, OSHA rules and regulations.
12. (A) For emergency work in the Right of Way, County shall have the right, upon such reasonable notice to Permittee as may be accomplished given the time and circumstances of the emergency event, to at any time (including during any of Permittee's activities or work of any kind in the Right of Way), enter and occupy the entire or any part of the Right of Way for the purpose of inspecting, maintaining, repairing, renewing, replacing or reconstructing the Right of Way, or any replacement facility thereto as County in its sole discretion shall deem necessary and appropriate. Notwithstanding the rights established under this Subsection 12(A), in an emergency situation County shall make reasonable efforts to coordinate with Permittee to ensure the restoration of the Right of Way and any utilities in the Right of Way is accomplished in the most effective and safe manner.  
  
(B) For non-emergency work in the Right of Way, County shall comply with the requirements of ORS 758.025 to coordinate with Permittee on any County projects, construction or other necessary work in the Right of Way that will require the relocation of Permittee's installations.
13. County's activities described in Section 12 may require Permittee, its contractors, agents or sublessees (collectively "Permittee Parties") to remove or relocate any fixtures, installations, facilities or personal property, including but not limited to: vehicles, machines, tools and equipment from their existing location in the Right of Way. Upon entry, County shall, without liability to Permittee Parties, have the right to remove any such fixtures, installations facilities or personal property from the Right of Way as may be necessary to accomplish the required work if Permittee fails to act in accordance with the County's directive under ORS 758.010(2), and to remove Permittee's fixtures, installations, facilities, or personal property in a timely manner. County shall have no obligation to restore or repair any improvements removed or damaged in the performance of County's work done under these Sections 12 and 13. Permittee Parties agree that County shall have no obligation to restore the Right of Way or Permittee

Parties' improvements and County shall have no liability to Permittee Parties for any disruption of Permittee Parties' business, for loss of Permittee Parties' real or personal property, for Permittee Parties' lost profits or for any other loss incurred by Permittee Parties as a result of such entry or as a result of Permittee Parties being required to vacate the Right of Way pursuant to the terms of these Sections 12 and 13.

**14. Consistent with ORS 374.309 and 758.010:**

**(A)** The Permittee shall bear the duties imposed under ORS 374.315 to ORS 374.320 with respect to maintenance, repair or removal, as applicable to the type of Project authorized under this Permit, and such duties shall include any work on adjacent property affected by the permitted work

**(B)** The Permittee shall complete the work in a timely manner to the satisfaction of the County and as may be described elsewhere in this Permit. Any substantial change in scope of work requiring further County resources will result in additional fees in accordance with the adopted fee schedule and the MCRR. Any additional work required by the Permittee to correct or repair damages caused by the Permittee's activities will be subject to the same time limits as the original work unless the County grants additional time.

**(C)** As provided in the MCRR Subsections 18.275 E. and 18.700, the County may require surety bonds as performance and maintenance guarantees if deemed necessary by the County Engineer for the work proposed under this Permit.

**(D)** As provided in the MCRR Subsection 18.135: "The time limits provided in a permit to complete construction, placement, installation or similar activities shall be controlling; if the authorized activities are not completed within the specified time the permit shall expire. A permit may be extended at the discretion of the County Engineer for good cause shown upon timely written request of the permittee prior to the original expiration date and the payment of any applicable extension fee as established by the Board of County Commissioners." The County may require a schedule for work completion and assess damages for delays. Damages resulting from delays may include but are not limited to impacts to County capital projects, community impacts, and additional County resources.

**(E)** As provided by MCRR Subsection 18.475 B., in the event the Permittee fails to perform and the County incurs reasonable and necessary expense to correct, mitigate, or abate damages related to the Permit, the Permittee shall reimburse the County within 10 days of receiving a bill.

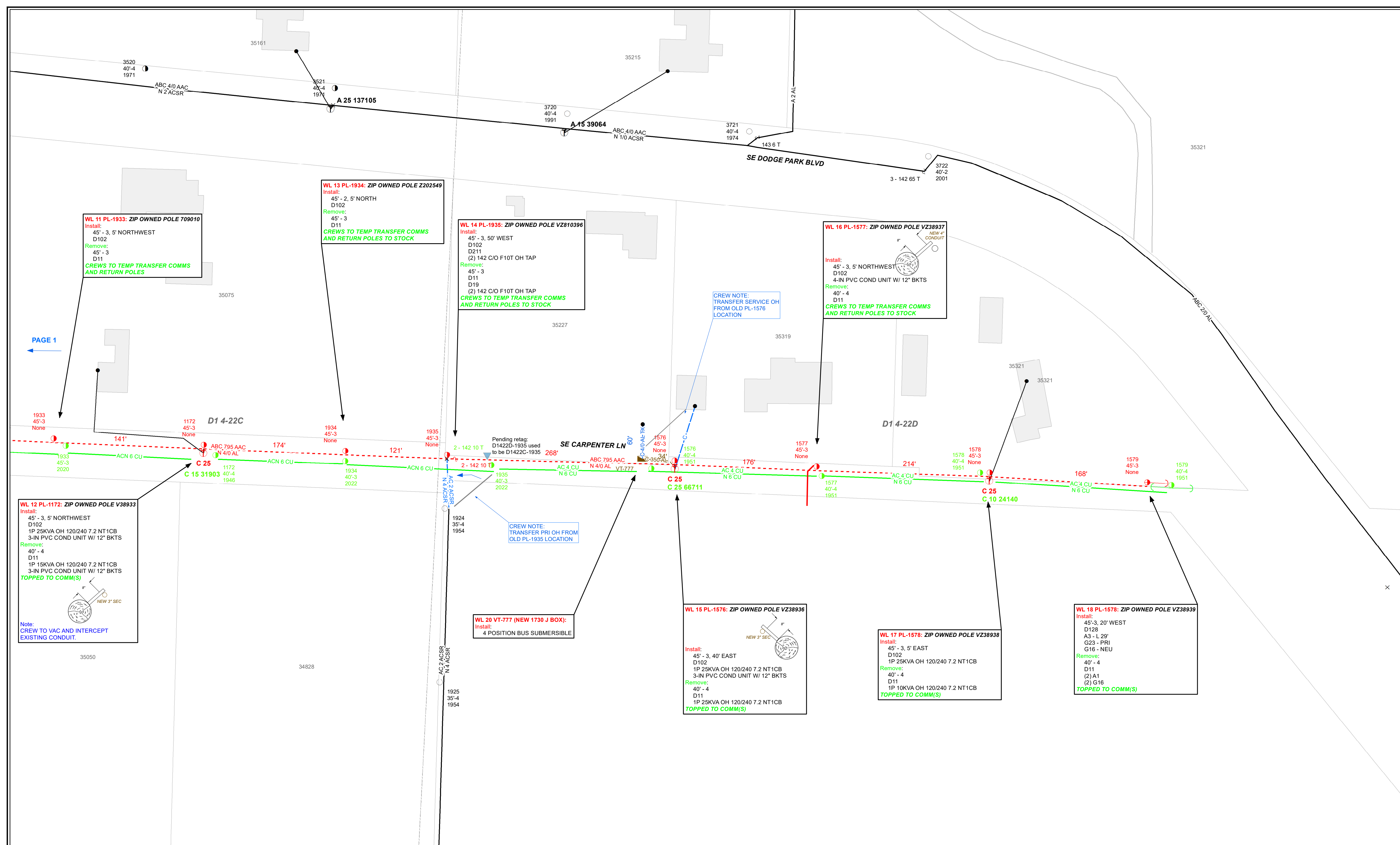
**(F)** As provided by MCRR Subsection 18.450, the County reserves the right to stop the activities or work performed under this Permit for failure to comply. All costs associated with activities or work stoppage or revocation as provided herein are the responsibility of the Permittee, and all costs shall be borne by the Permittee.

**(G)** As provided in the MCRR Subsection 18.130: "A permit may be revoked at any time by mutual consent; for failure of the applicant to abide by the terms and conditions of the permit as determined in the sole discretion of the County Engineer; to protect public safety or to serve the best public interest as determined by the County Engineer; or by the operation of law."

15. (A) Miscellaneous Provisions (if any) (County to fill this section)

(B) Permittee's Initials for Signature: <sup>AO</sup> \_\_\_\_\_

**(Add any specific special terms or conditions unique to the Permit Site here. Permittee must initial here to indicate acceptance of the additional special terms and conditions. Add additional sheets as necessary.)**



### COMMERCIAL LEGEND

**NEW PGE FACILITIES TO BE INSTALLED**  
(UNLESS OTHERWISE SPECIFIED)

- INSTALL FACILITIES
- REMOVE FACILITIES
- INSTALL ADDITIONAL FACILITIES/MODIFY FACILITIES

**UG CONDUCTORS**

- INSTALL 1-40 AL-TX UG SECONDARY IN 3" PVC CONDUITS, PROVIDED & INSTALLED BY CUSTOMER
- INSTALL 1-350 AL-TX UG SECONDARY IN 3" PVC CONDUITS, PROVIDED & INSTALLED BY CUSTOMER
- 1-4" PVC CONDUIT FOR FUTURE PROVIDED & INSTALLED BY CUSTOMER

**OH CONDUCTORS**

- INSTALL 3-795 AAC OH PRIMARY & 1-40 AAC LOW NEUTRAL

**POLES**

- POLE CLASS (1, 2, 3, 4, H1, H2, S)

**HT-CL**

- POLE HEIGHT

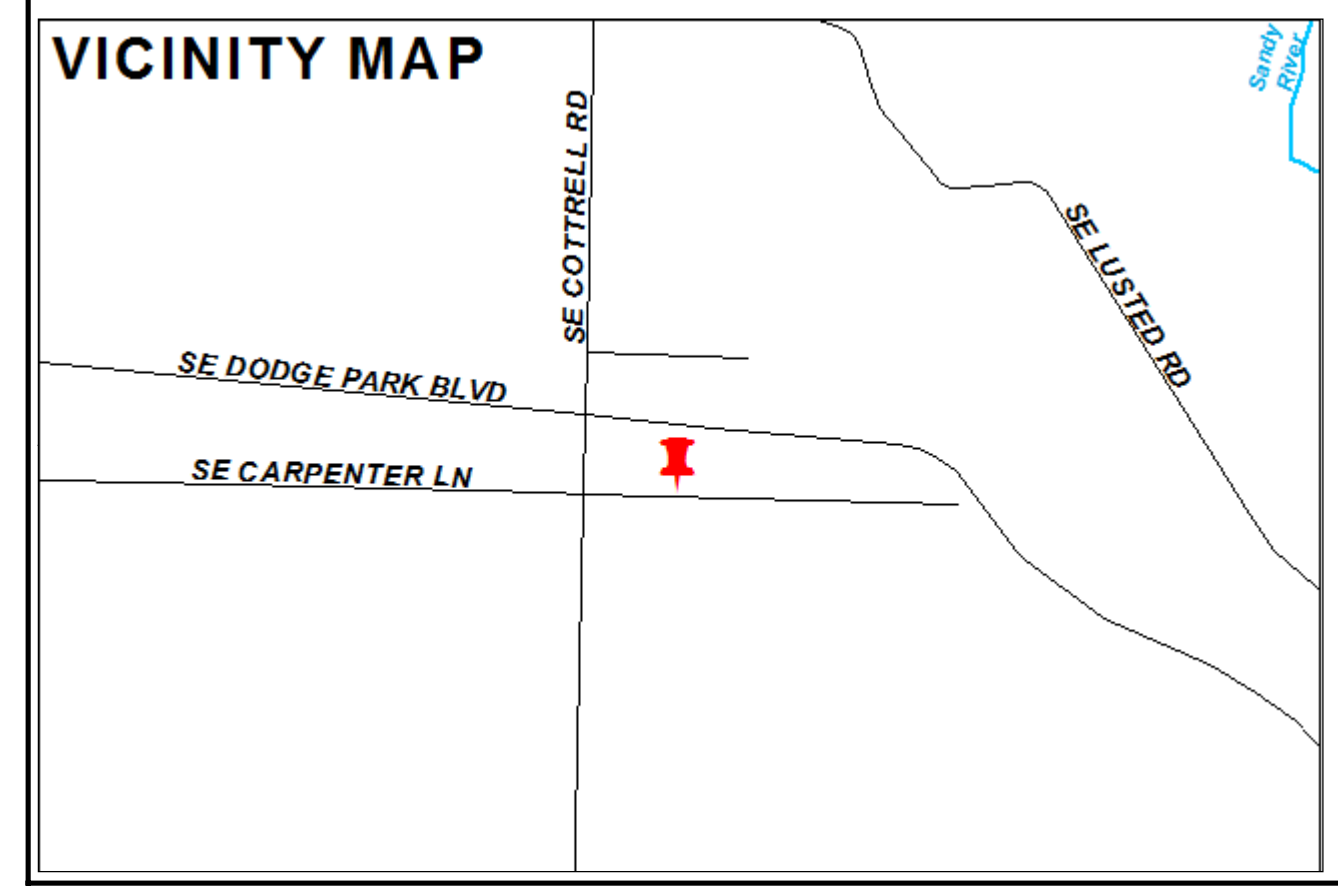
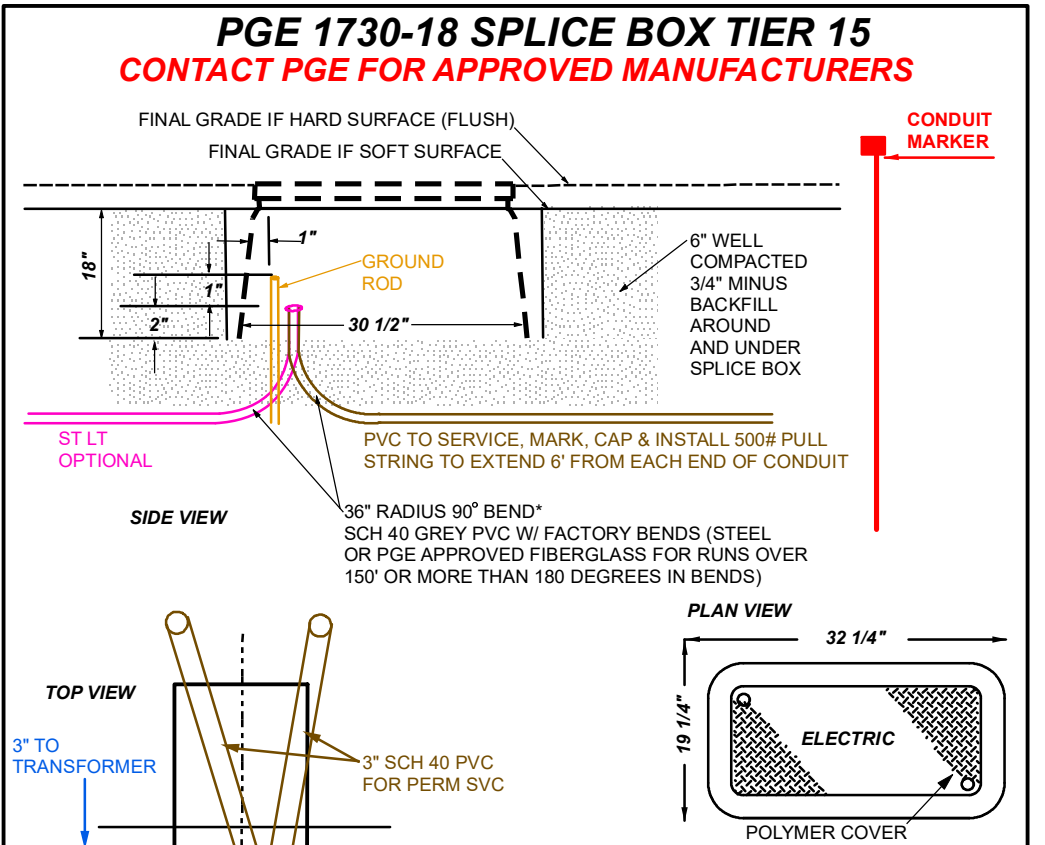
**FRAMING** TRANSMISSION & DISTRIBUTION (SEE CODES BELOW)

- D102 FRAME DISTRIBUTION -LC10729, MU 0102 (3PH 10FT SGL HVY. TANG. POST)
- D128 FRAME DISTRIBUTION -LC10717, MU 0128 (3PH 10FT SGL DE FIBERGLASS, POLY)
- D221 FRAME DISTRIBUTION -LC10730, MU 0221 (3PH 8FT SGL FIBERGLASS, ANG. POST)

**ANCHORS**

Anchor Code	GUYING				GUYING			
	TOP SOUL HELIX	TRIPLE HELIX	1" SGL HT	2" EXPANDING	3" GUY	4" GUY	5" GUY	6" GUY
A1	1	1	1	1	1	1	1	1
A3	1	1	1	1	1	1	1	1
A5	1	1	1	1	1	1	1	1
A7	1	1	1	1	1	1	1	1
A8	1	1	1	1	1	1	1	1

- ### CONSTRUCTION NOTES:
- CUSTOMER IS RESPONSIBLE FOR ALL TRENCH, CONDUIT, VAULTS, PADS AND ROAD CROSSINGS. ALL CONDUIT TO BE INSTALLED WITH 30 INCHES (MIN) COVER AT TOP OF CONDUIT FROM FINAL GRADE.
  - A PGE STANDBY CREW IS REQUIRED FOR OPENING ALL ENERGIZED PGE VAULTS, JUNCTION BOXES AND EQUIPMENT FACILITIES, INCLUDING CONNECTION OR INSTALLATION OF CONDUITS AND PULL STRINGS. CALL SERVICE COORDINATION AT (503) 323-6700 TO SCHEDULE A PGE STANDBY CREW.
  - ALL PGE CONDUCTORS TO BE INSTALLED IN GRAY, SCHEDULE 40, ELECTRICAL GRADE, PVC CONDUIT WITH NYLON PULL STRINGS (MIN. 500 LBS. TEST). PGE TO DETERMINE THE SIZE AND NUMBER OF CONDUITS REQUIRED. MAINTAIN 12 VERTICAL INCHES AND 24 HORIZONTAL INCHES CLEARANCE BETWEEN GAS AND OTHER UTILITIES. ALL ELBOWS 4 INCH SMALLER TO BE 36 INCH RADIUS. ALL BENDS MUST BE FACTORY MADE. ALL ELBOWS LARGER THAN 4 INCH TO BE 60 INCH RADIUS. RIGID STEEL OR PGE APPROVED FIBERGLASS BENDS ARE REQUIRED FOR RUNS OF 151 FEET OR LONGER, OR FOR ANY LENGTH RUN WITH MORE THAN 180 DEGREES IN BENDS. PVC SCHEDULE 40 BENDS ARE ACCEPTABLE FOR RUNS OF 150 FEET OR LESS. THE MAXIMUM TOTAL BENDS IN ANY CONDUIT RUN IS 270 DEGREES.
  - DIRECTIONAL BORING REQUIREMENTS: BLACK HDPE (HIGH DENSITY POLYETHYLENE) DUCT OR SCHEDULE 40 PVC WITH A MECHANICAL CONNECTION (CERTA-LOK OR LIKE MECHANICAL CONNECTION PRODUCT) AS AN ALTERNATIVE TO HDPE DUCT. HDPE SHALL MEET THE REQUIREMENTS OF PGE SPECIFICATION LC20515 (AVAILABLE ON REQUEST FROM PGE PROJECT MANAGER). FOR SAFETY REASONS THE DUCT SHALL BE BLACK WITH 3 EQUALLY SPACED EXTRUDED RED STRIPES (WHICH IS A SPECIFICATION REQUIREMENT). MANDREL TEST OF HDPE PIPE IS REQUIRED AFTER INSTALLATION WITH PGE INSPECTOR PRESENT.
  - ALL PGE TRANSFORMERS TO BE INSTALLED 8 FEET (MIN) FROM ANY COMBUSTIBLE BUILDING, WALL OR OVERHANG AND 4 FEET (MIN) FROM ANY FIRE HYDRANT. PGE TRANSFORMERS MUST BE WITHIN 15 FEET OF A DRIVEABLE AREA. ALWAYS MAINTAIN 10 FEET CLEARANCE IN FRONT OF ALL TRANSFORMERS.
  - TRANSFORMER PADS MUST BE INSTALLED SO TOP OF PAD IS A MINIMUM OF 2 INCHES ABOVE FINISHED GRADE IN LANDSCAPED AREAS; OR FLUSH WITH THE FINISHED GRADE IF WITHIN 12 INCHES OF A SIDEWALK OR OTHER PAVED AREA. CONDUIT IS TO BE INSTALLED IN PAD AS INDICATED IN DETAIL, AND STUB UP TO 1 INCH BELOW TOP OF PAD.
  - STEEL BARRIER POSTS ARE REQUIRED AROUND TRANSFORMERS THAT ARE EXPOSED TO VEHICLES.
  - ALL SWITCH VAULTS TO BE SET AT FINAL GRADE WITH 6 INCH GRAVEL BASE AND CONDUITS ALIGNED TO ENTER THE VAULT END LOWER KNOCKOUTS (TERM-A-DUCTS). (SEE DETAIL ON SKETCH)
  - PGE TO BE NOTIFIED AND INSPECT ALL CONDUIT, VAULT AND PAD INSTALLATIONS, BEFORE BACKFILL. ALL NEW VAULT & PAD LOCATIONS TO BE FIELD VERIFIED WITH PGE AND CUSTOMER REPRESENTATIVE.
  - REFER TO PGE ELECTRICAL SERVICE REQUIREMENTS BOOK FOR FURTHER DETAILS & SPECIFIC REQUIREMENTS. LINK TO: [www.portlandgeneral.com/builders-new-construction/electric-service-requirements](http://www.portlandgeneral.com/builders-new-construction/electric-service-requirements)
  - DESIGN IS BASED ON STANDARD UNDERGROUND EQUIPMENT. NON-STANDARD UNDERGROUND EQUIPMENT MAY BE AN OPTION AT AN ADDITIONAL COST TO THE CUSTOMER.
  - THE POINT OF DELIVERY AND DIVISION OF OWNERSHIP BETWEEN THE CUSTOMER AND PGE WILL BE AT THE LINE SIDE OF THE NEW CUSTOMER PROVIDED SWITCH GEAR.



### MULTNOMAH COUNTY TRANSPORTATION DIVISION

ACCEPTED  
 ACCEPTED WITH COMMENTS  
 APPROVED  
 APPROVED AS NOTED  
 RETURNED FOR CORRECTION

DOCUMENTS BEARING THIS STAMP ARE SUBJECT TO THE PROVISIONS SET FORTH IN SECTION 20.06 OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION THAT ARE ACTIVE FOR THIS PROJECT. REVIEW IS ONLY FOR GENERAL COMPLIANCE AND DOES NOT GUARANTEE THE PROJECT OR DESIGN. EXTENDED TO MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OF CONSTRUCTION. CONTACT THE DESIGNER FOR ANY QUESTIONS. CONTRACT DOCUMENTS DIMENSIONS AND FABRICATION TO BE CONFIRMED AND COMPLETED AT THE JOB SITE FOR PROCESSING AND COORDINATION OF THE WORK OF ALL TRADES AND SATISFACTORY WORK PERFORMANCE.

BY **buenn** DATE **5/15/2024**

**CONTACT SERVICE COORDINATOR**  
FOR TRENCH AND CONDUIT INSPECTION PRIOR TO BACKFILL. PGE WILL NOT INSTALL WIRE UNTIL TRENCH IS 100% BACKFILLED.

**SERVICE COORDINATOR**  
503-323-6700 OR 1-800-542-8818



**LINE CREW NOTE:**  
CIRCUIT AND FEEDER INFORMATION IS FOR REFERENCE ONLY. MAP MAY NOT BE REAL TIME REPRESENTATION OF ACTUAL SYSTEM CONDITIONS.

ANY DEVIATION FROM THIS DESIGN MUST BE APPROVED BY THE PGE PROJECT MANAGER

ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OUR 952-001-0010 THROUGH 952-001-0050 YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE OREGON UTILITY NOTIFICATION CENTER ADMINISTRATION @ (503) 232-1987

**CALL 811 BEFORE YOU DIG**

TO REQUEST UTILITY LOCATES CALL THE OREGON UTILITY NOTIFICATION CENTER, 811 AT LEAST 2 BUSINESS DAYS PRIOR TO EXCAVATION

**811**  
Know what's below. Call before you dig.



**P1**

- ### CONSTRUCTION NOTES:
- SEE THE PGE ELECTRIC SERVICE REQUIREMENTS (ESR) BOOK FOR THE FULL SET OF REQUIREMENTS. THE ESR BOOK CAN BE FOUND AT [portlandgeneral.com](http://portlandgeneral.com)
  - CUSTOMER IS RESPONSIBLE FOR OBTAINING ALL BUILDING AND ELECTRICAL PERMITS FOR THE APPROPRIATE MUNICIPALITY. CUSTOMER IS ALSO RESPONSIBLE FOR OBTAINING ALL EASEMENTS AND TREE-TRIMMING PERMITS, AS REQUIRED.
  - ALL TREE TRIMMING IS REQUIRED TO BE COMPLETED PRIOR TO PGE INSTALLING SERVICE.
  - CONTACT PGE SERVICE COORDINATOR IN ORDER TO RECEIVE AN APPROVED METER SPOT AND CONFIRM THAT THE SERVICE WILL MEET ALL APPLICABLE CODE CLEARANCE REQUIREMENTS OVER GROUND, STREETS, PARKING LOTS, ROOFS, DECKS AND BALCONIES, ACROSS OR BESIDE OTHER OVERHEAD UTILITY WIRES, AND ADJACENT TO WINDOWS.
  - AFTER PASSING THE APPROPRIATE MUNICIPAL ELECTRICAL INSPECTION, CUSTOMER TO REQUEST AN INSPECTION BY PGE BY CONTACTING A SERVICE COORDINATOR AT 800-542-8818 OR 503-323-6700 IN THE PORTLAND AREA. PGE WILL NOT ENERGIZE THE SERVICE UNTIL ALL INSPECTIONS HAVE BEEN PERFORMED.

**PRE-CONSTRUCTION MEETING / TRENCH AND CONDUIT INSPECTION**

YOUR PROJECT REQUIRES A PRECONSTRUCTION MEETING. CONTACT YOUR SERVICE & DESIGN PROJECT MANAGER 7 TO 10 WORKING DAYS PRIOR TO EXCAVATION TO COORDINATE THE PRE-CON. PGE'S FIELD CONSTRUCTION COORDINATOR (FCC) WILL PROVIDE YOUR TRENCH AND CONDUIT INSPECTIONS.

### PGE CONSTRUCTION DRAWING

**AS-BUILT VERIFICATION & NESC VIOLATIONS CORRECTED**

Foreman: \_\_\_\_\_ Date: \_\_\_\_\_  
General Foreman: \_\_\_\_\_ (Signature only required for field construction changes.)

CONST. PROJECT MGR. **Stewart Lawson** PHONE: (503) 736-5467  
DATE: 2/12/2024 TITLE: 1070001 WORK NO: 1000011118 M3292698 Priority

DESCRIPTION: PORTLAND Water Bureau - BULLRUN FILT. PLANT  
SE CARPENTER CORNER-DUNNS CORNER 13

LOCATION: SE CARPENTER LANE, GRESHAM, OR 97080  
BULLRUN FILT. PLANT / MULT CO.

COUNTY: MULTNOMAH SECTIONS: D1422C, D1422D WORK WITH: SHEET 2 OF 2

DESIGN BY: Antonio Martinez PHONE (503) 676-7784 DRAWN BY: Courtney Shannon

1730-18 NEW CONSTRUCTION OF GENERAL USE SERVICE © PORTLAND GENERAL ELECTRIC CO. ALL RIGHTS RESERVED



### COMMERCIAL LEGEND

- NEW PGE FACILITIES TO BE INSTALLED**  
(UNLESS OTHERWISE SPECIFIED)
- █ REMOVE FACILITIES
  - █ INSTALL FACILITIES
  - █ INSTALL ADDITIONAL FACILITIES/MODIFY FACILITIES
- 504-PGE SWITCH VAULT, WITH 55-332P-PGE TOP**  
PROVIDED & INSTALLED BY CUSTOMER  
PGE TO INSTALL 1-4 WAY LATERAL TAP
- INSTALL CUTOFF**  
SIZE FUSING AS NOTED
- CABLE DISCONNECT SWITCH**

- UG CONDUCTORS**
- INSTALL 3-#750 AL-EPR JKT PRIMARY IN EACH OF 2-6" PVC CONDUITS, PROVIDED & INSTALLED BY CUSTOMER
  - INSTALL #2 AL-EPR JKT PRIMARY IN 1-4" PVC CONDUIT, PROVIDED & INSTALLED BY CUSTOMER
- OH CONDUCTORS**
- INSTALL 3-795 AAC OH PRIMARY & 1-40 AAC NEUTRAL
  - INSTALL 1-42 ACSR OH PRIMARY & 1-42 ACSR LOW NEUTRAL

- POLES**
- HT-CL
- POLE CLASS (1, 2, 3, 4, H1, H2, S)
- POLE HEIGHT
- FRAMING** TRANSMISSION & DISTRIBUTION (SEE CODES BELOW)
- T5 FRAME TRANSMISSION -LC10754, WMS MU 1013 THS, POLY INSULATORS
  - D1 FRAME DISTRIBUTION -LC10710, MU 0001 (1PH TANG, PIN)
  - D8 FRAME DISTRIBUTION -LC10710, MU 0008 (1PH SGL DE, POLY)
  - D36 FRAME DISTRIBUTION -LC10729, MU 0036 (3PH 8FT SGL LT, TANG, POST)
  - D38 FRAME DISTRIBUTION -LC10729, MU 0038 (3PH 10FT SGL LT, TANG, POST)
  - D102 FRAME DISTRIBUTION -LC10729, MU 0102 (3PH 10FT SGL HVY, TANG, POST)
  - D128 FRAME DISTRIBUTION -LC10717, MU 0128 (3PH 10FT SGL DE FIBERGLASS, POLY)
  - D131 FRAME DISTRIBUTION -LC10717, MU 0131 (3PH 10FT DBL DE FIBERGLASS, POLY)
  - D264 FRAME DISTRIBUTION -LC10727, MU 0264 (3PH 10FT UNDERBLD SGL HVY, TANG, POST)

**ANCHORS**

Anchor Code	1" SGL HELIX	1" TRIPLE HELIX	1" SGL LUT	1" EXPANDING	2" PLATE
A1	G1	G2	G3	G4	G5
A3	G6	G7	G8	G9	G10
A5	G11	G12	G13	G14	G15
A7	G16	G17	G18	G19	G20
A8	G21	G22	G23	G24	G25

**GUYING**

Anchor Code	1" SGL HELIX	1" TRIPLE HELIX	1" SGL LUT	1" EXPANDING	2" PLATE
G1	G16	G17	G18	G19	G20
G2	G21	G22	G23	G24	G25
G3	G26	G27	G28	G29	G30
G4	G31	G32	G33	G34	G35
G5	G36	G37	G38	G39	G40

### CONSTRUCTION NOTES: CMDEV

- CUSTOMER IS RESPONSIBLE FOR ALL TRENCH, CONDUIT, VAULTS, PADS AND ROAD CROSSINGS. ALL CONDUIT TO BE INSTALLED WITH 30 INCHES (MIN) COVER AT TOP OF CONDUIT FROM FINAL GRADE.
- A PGE STANDBY CREW IS REQUIRED FOR OPENING ALL ENERGIZED PGE VAULTS, JUNCTION BOXES AND EQUIPMENT FACILITIES, INCLUDING CONNECTION OR INSTALLATION OF CONDUITS AND PULL STRINGS. CALL SERVICE COORDINATION AT (503) 323-6700 TO SCHEDULE A PGE STANDBY CREW.
- ALL PGE CONDUCTORS TO BE INSTALLED IN GRAY, SCHEDULE 40, ELECTRICAL GRADE, PVC CONDUIT WITH NYLON PULL STRINGS (MIN. 500 LBS. TEST). PGE TO DETERMINE THE SIZE AND NUMBER OF CONDUITS REQUIRED. MAINTAIN 12 VERTICAL INCHES AND 24 HORIZONTAL INCHES CLEARANCE BETWEEN GAS AND OTHER UTILITIES. ALL ELBOWS 4 INCH SMALLER TO BE 36 INCH RADIUS. ALL BENDS MUST BE FACTORY MADE. ALL ELBOWS LARGER THAN 4 INCH TO BE 60 INCH RADIUS. RIGID STEEL OR PGE APPROVED FIBERGLASS BENDS ARE REQUIRED FOR RUNS OF 151 FEET OR LONGER, OR FOR ANY LENGTH RUN WITH MORE THAN 180 DEGREES IN BENDS. PVC SCHEDULE 40 BENDS ARE ACCEPTABLE FOR RUNS OF 150 FEET OR LESS. THE MAXIMUM TOTAL BENDS IN ANY CONDUIT RUN IS 270 DEGREES.
- DIRECTIONAL BORING REQUIREMENTS:** BLACK HDPE (HIGH DENSITY POLYETHYLENE) DUCT OR SCHEDULE 40 PVC WITH A MECHANICAL CONNECTION (CERTA-LOK OR LIKE MECHANICAL CONNECTION PRODUCT) AS AN ALTERNATIVE TO HDPE DUCT. HDPE SHALL MEET THE REQUIREMENTS OF PGE SPECIFICATION LC20515 (AVAILABLE ON REQUEST FROM PGE PROJECT MANAGER). FOR SAFETY REASONS THE DUCT SHALL BE BLACK WITH 3 EQUALLY SPACED EXTRUDED RED STRIPES (WHICH IS A SPECIFICATION REQUIREMENT). MANDREL TEST OF HDPE PIPE IS REQUIRED AFTER INSTALLATION WITH PGE INSPECTOR PRESENT.
- ALL PGE TRANSFORMERS TO BE INSTALLED 8 FEET (MIN) FROM ANY COMBUSTIBLE BUILDING, WALL OR OVERHANG AND 4 FEET (MIN) FROM ANY FIRE HYDRANT. PGE TRANSFORMERS MUST BE WITHIN 15 FEET OF DRIVEWAY AREA. ALWAYS MAINTAIN 10 FEET CLEARANCE IN FRONT OF ALL TRANSFORMERS.
- TRANSFORMER PADS MUST BE INSTALLED SO TOP OF PAD IS A MINIMUM OF 2 INCHES ABOVE FINISHED GRADE IN LANDSCAPED AREAS. OR FLUSH WITH THE FINISHED GRADE IF WITHIN 12 INCHES OF A SIDEWALK OR OTHER PAVED AREA. CONDUIT IS TO BE INSTALLED IN PAD AS INDICATED IN DETAIL AND STUB UP TO 1 INCH BELOW TOP OF PAD.
- STEEL BARRIER POSTS ARE REQUIRED AROUND TRANSFORMERS THAT ARE EXPOSED TO VEHICLES.
- ALL SWITCH VAULTS TO BE SET AT FINAL GRADE WITH 6 INCH GRAVEL BASE AND CONDUITS ALIGNED TO ENTER THE VAULT END LOWER KNOCKOUTS (TERM-A-DUCTS). (SEE DETAIL ON SKETCH)
- PGE TO BE NOTIFIED AND INSPECT ALL CONDUIT, VAULT AND PAD INSTALLATIONS, BEFORE BACKFILL. ALL NEW VAULT & PAD LOCATIONS TO BE FIELD VERIFIED WITH PGE AND CUSTOMER REPRESENTATIVE.
- REFER TO PGE ELECTRICAL SERVICE REQUIREMENTS BOOK FOR FURTHER DETAILS & SPECIFIC REQUIREMENTS. LINK TO: [www.portlandgeneral.com/builders-new-construction/electric-service-requirements](http://www.portlandgeneral.com/builders-new-construction/electric-service-requirements)
- DESIGN IS BASED ON STANDARD UNDERGROUND EQUIPMENT. NON-STANDARD UNDERGROUND EQUIPMENT MAY BE AN OPTION AT AN ADDITIONAL COST TO THE CUSTOMER.
- THE POINT OF DELIVERY AND DIVISION OF OWNERSHIP BETWEEN THE CUSTOMER AND PGE WILL BE AT THE LINE SIDE OF THE NEW CUSTOMER PROVIDED SWITCH GEAR.

### CONSTRUCTION NOTES: OH

- SEE THE PGE ELECTRICAL SERVICE REQUIREMENTS (ESR) BOOK FOR THE FULL SET OF REQUIREMENTS. THE ESR BOOK CAN BE FOUND AT [portlandgeneral.com](http://portlandgeneral.com)
- CUSTOMER IS RESPONSIBLE FOR OBTAINING ALL BUILDING AND ELECTRICAL PERMITS FOR THE APPROPRIATE MUNICIPALITY. CUSTOMER IS ALSO RESPONSIBLE FOR OBTAINING ALL EASEMENTS AND TREE-TRIMMING PERMITS, AS REQUIRED.
- ALL TREE TRIMMING IS REQUIRED TO BE COMPLETED PRIOR TO PGE INSTALLING SERVICE.
- CONTACT PGE SERVICE COORDINATOR IN ORDER TO RECEIVE AN APPROVED METER SPOT AND CONFIRM THAT THE SERVICE WILL MEET ALL APPLICABLE CODE CLEARANCE REQUIREMENTS OVER GROUND, STREETS, PARKING LOTS, ROOFS, DECKS AND BALCONIES, ACROSS OR BESIDE OTHER OVERHEAD UTILITY WIRES, AND ADJACENT TO WINDOWS.
- AFTER PASSING THE APPROPRIATE MUNICIPAL ELECTRICAL INSPECTION, CUSTOMER TO REQUEST AN INSPECTION BY PGE BY CONTACTING A SERVICE COORDINATOR AT 800-542-8818 OR 503-323-6700 IN THE PORTLAND AREA. PGE WILL NOT ENERGIZE THE SERVICE UNTIL ALL INSPECTIONS HAVE BEEN PERFORMED.

**PGE CONSTRUCTION DRAWING**  
**AS-BUILT VERIFICATION & NESC VIOLATIONS CORRECTED**  
(This document is not a contract and does not constitute an offer.)

Foreman: \_\_\_\_\_ Date: \_\_\_\_\_  
General Foreman: \_\_\_\_\_ Date: \_\_\_\_\_

(Signature only required for field construction changes.)

CONST. PROJECT MGR. Stewart Lawson PHONE: (503) 736-5467  
DATE: 2/12/2024 NTS 1070001 1000011118 M3292698 Priority

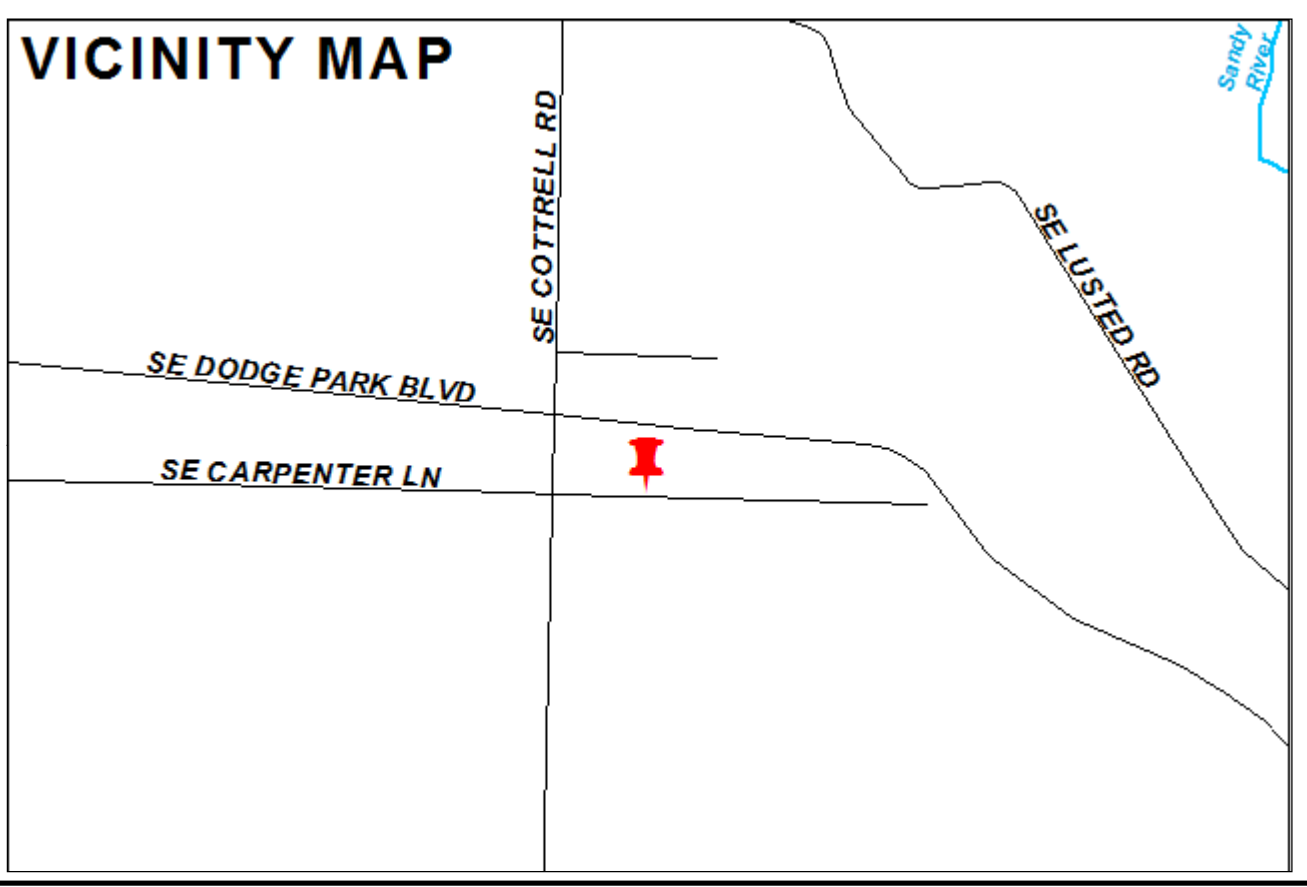
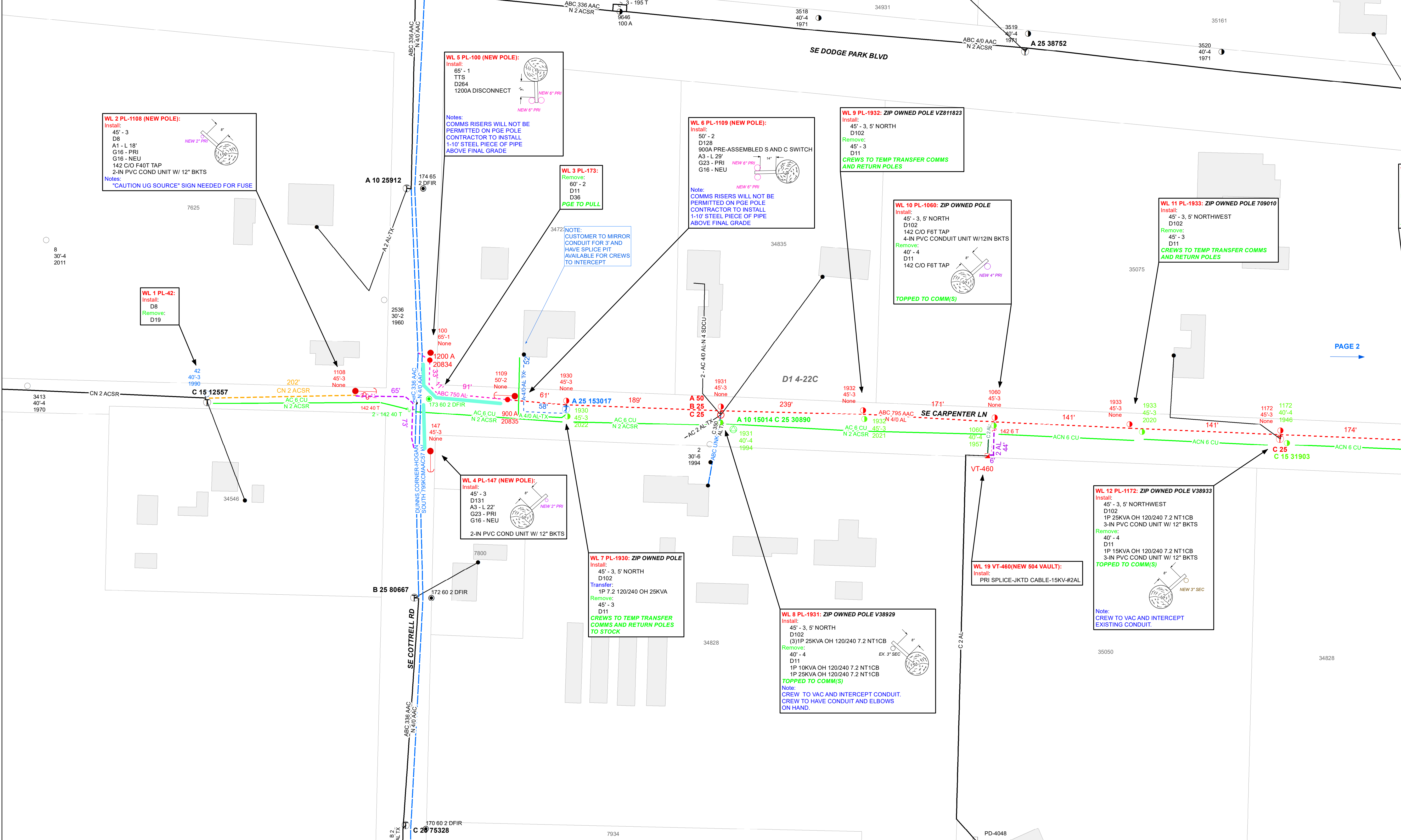
TITLE: Portland Water Bureau - BULLRUN FILT. PLANT  
CIRCUIT: DUNNS CORNER-DUNNS CORNER 13 SIZE: 22 x 34

LOCATION: SE CARPENTER LANE, GRESHAM, OR 97080  
DESCRIPTION: ST FRONTAGE IMPROVEMENTS FOR PWB BULLRUN FILT. PLANT / MULT CO.

COUNTY: MULTNOMAH SECTIONS: D1422C, D1422D WORK WITH SHEET: 1 OF 2

DESIGN BY: Antonio Martinez PHONE: (503) 676-7784 DRAWN BY: Courtney Shannon

1755 NE MULTNOMAH ST. GRESHAM, OR 97030  
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**CONTACT SERVICE COORDINATOR**  
FOR TRENCH AND CONDUIT INSPECTION PRIOR TO BACKFILL. PGE IS NOT RESPONSIBLE FOR INSPECTION UNTIL TRENCH IS 100% BACKFILLED.

**SERVICE COORDINATOR**  
503-323-6700 OR 1-800-542-8818

**MULTNOMAH COUNTY TRANSPORTATION DIVISION**

ACCEPTED  
 ACCEPTED WITH COMMENTS  
 APPROVED  
 APPROVED AS NOTED  
 RETURNED FOR CORRECTION

BY buent DATE 5/15/2024

**504-PGE VAULT**  
55-332P-PGE DIAMOND PLATE DOOR

NOTES:

- VAULTS TO BE SET AT LOCATIONS APPROVED BY PGE
- TOP OF LID TO BE SET AT FINAL GRADE APPROVED BY PGE
- DO NOT CROSS PVC BETWEEN VAULTS
- INSTALL 500 LB (MIN) TEST PULL STRING IN EACH PVC.

34" MINUS CRUSHED ROCK 6" DEEP (MIN) 4" CONDUIT TO PL-1060

**LINE CREW NOTE:**  
CIRCUIT AND FEEDER INFORMATION IS FOR REFERENCE ONLY. MAP MAY NOT BE REAL TIME REPRESENTATION OF ACTUAL SYSTEM CONDITIONS.

**ANY DEVIATION FROM THIS DESIGN MUST BE APPROVED BY THE PGE PROJECT MANAGER**

**CALL 811 BEFORE YOU DIG**

ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THESE RULES ARE SET FORTH IN OUR 952-001-0010 THROUGH 952-001-0090 YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE OREGON UTILITY NOTIFICATION CENTER ADMINISTRATION @ (503) 232-1987

**TO REQUEST UTILITY LOCATES CALL THE OREGON UTILITY NOTIFICATION CENTER, 811 AT LEAST 2 BUSINESS DAYS PRIOR TO EXCAVATION**

**811**  
Know what's below. Call before you dig.

**THINK SAFETY FIRST**

**P1**

**RIGHT-OF-WAY PERMIT NOTICE:**  
A PERMIT FROM THE LOCAL JURISDICTION IS REQUIRED BEFORE ANY WORK IN THE RIGHT-OF-WAY MAY BE PERFORMED. ONLY PGE APPROVED CONTRACTORS AND CONTRACTORS WHO HAVE MADE OTHER SPECIAL AGREEMENTS WITH PGE WILL BE ALLOWED TO WORK UNDER PGE'S PERMIT. THE CONTRACTOR MUST NOTIFY THE LOCAL JURISDICTION 48 HOURS BEFORE WORK IS TO BEGIN. A COPY OF THE PERMIT MUST BE ON SITE.

**MULTNOMAH COUNTY  
TRANSPORTATION DIVISION**



- ACCEPTED
- ACCEPTED WITH COMMENTS
- APPROVED
- APPROVED AS NOTED
- RETURNED FOR CORRECTION

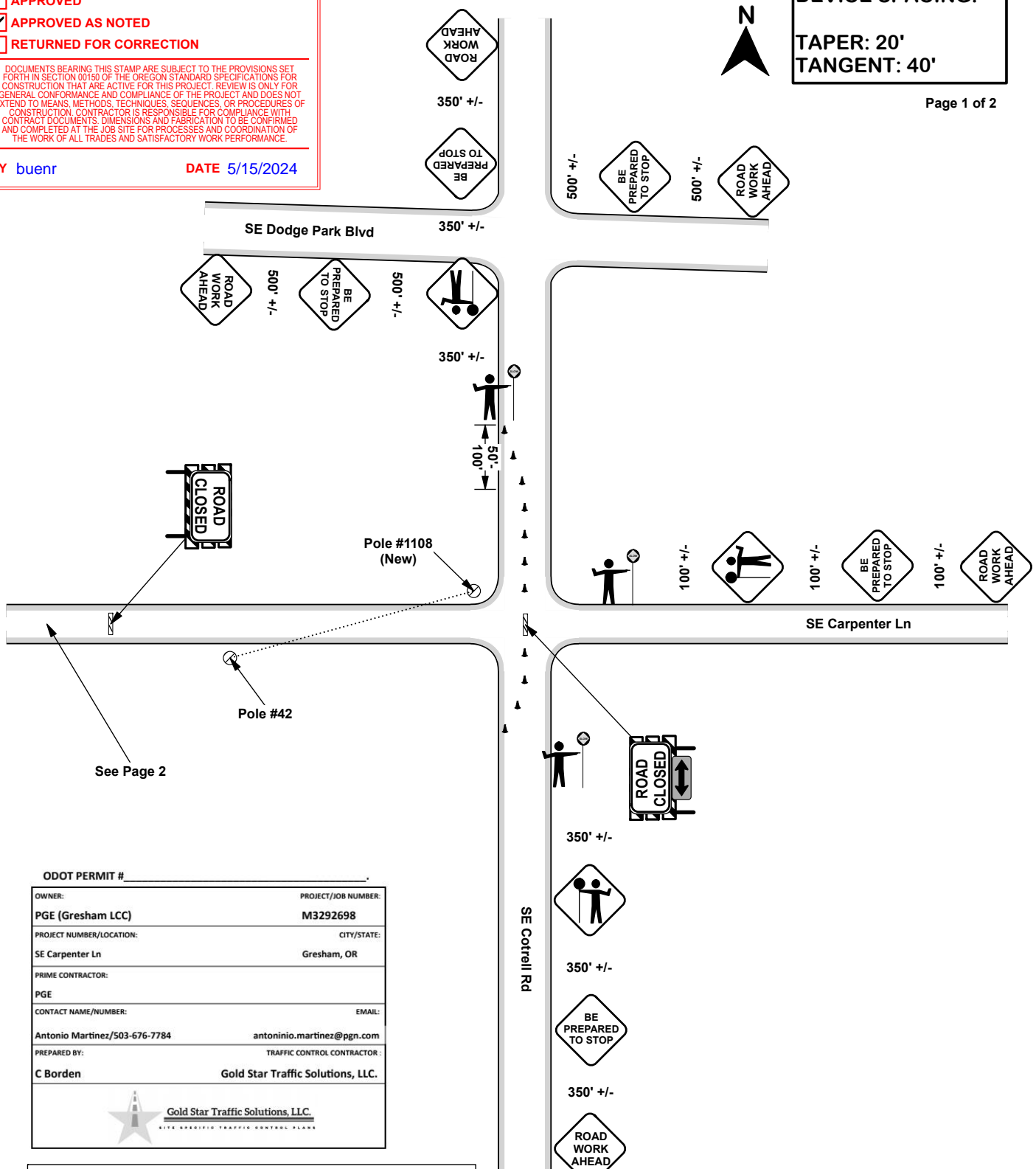
DOCUMENTS BEARING THIS STAMP ARE SUBJECT TO THE PROVISIONS SET FORTH IN SECTION 00150 OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION THAT ARE ACTIVE FOR THIS PROJECT. REVIEW IS ONLY FOR GENERAL CONFORMANCE AND COMPLIANCE OF THE PROJECT AND DOES NOT EXTEND TO MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH CONTRACT DOCUMENTS. DIMENSIONS AND FABRICATION TO BE CONFIRMED AND COMPLETED AT THE JOB SITE FOR PROCESSES AND COORDINATION OF THE WORK OF ALL TRADES AND SATISFACTORY WORK PERFORMANCE.

BY **buenr**

DATE **5/15/2024**

**DEVICE SPACING:**

**TAPER: 20'**  
**TANGENT: 40'**



See Page 2

ODOT PERMIT # _____	
OWNER: <b>PGE (Gresham LCC)</b>	PROJECT/JOB NUMBER: <b>M3292698</b>
PROJECT NUMBER/LOCATION: <b>SE Carpenter Ln</b>	CITY/STATE: <b>Gresham, OR</b>
PRIME CONTRACTOR: <b>PGE</b>	
CONTACT NAME/NUMBER: <b>Antonio Martinez/503-676-7784</b>	EMAIL: <b>antoninio.martinez@pgn.com</b>
PREPARED BY: <b>C Borden</b>	TRAFFIC CONTROL CONTRACTOR: <b>Gold Star Traffic Solutions, LLC.</b>

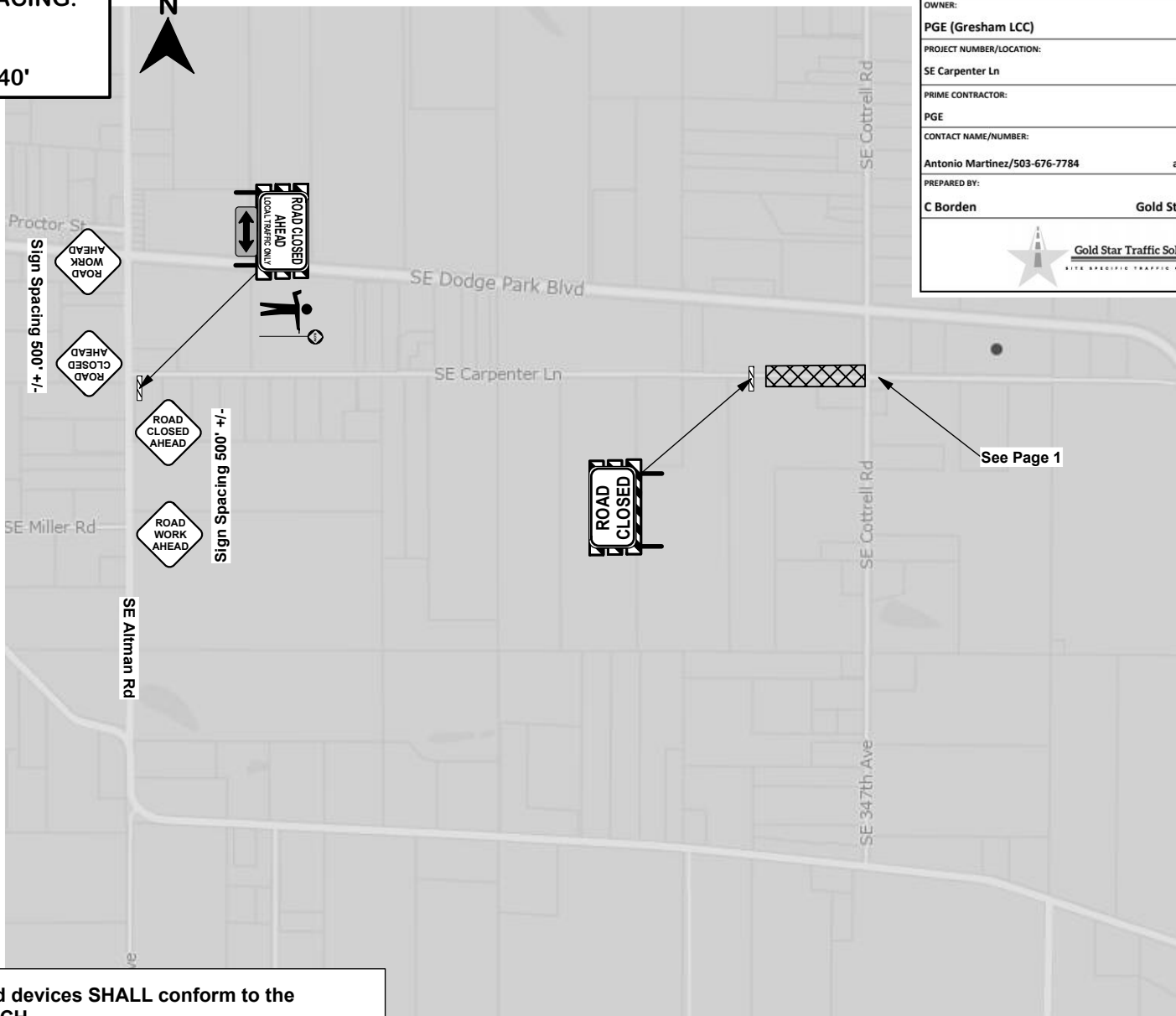


**All signs and devices SHALL conform to the MUTCD/OTTCH.**  
**Will adjust to fit field conditions as needed for safety.**  
**Plan NOT to scale.**

**THE COUNTY MAY REQUIRE CONTRACTOR TO MODIFY TCP BASED ON THE CURRENT TRAFFIC CONDITION AT THE TIME OF ROAD WORK. TCP SHALL COMPLY WITH THE MOST CURRENT MUTCD AND/OR ODOT STANDARD.**

**DEVICE SPACING:  
TAPER: 20'  
TANGENT: 40'**

Page 2 of 2

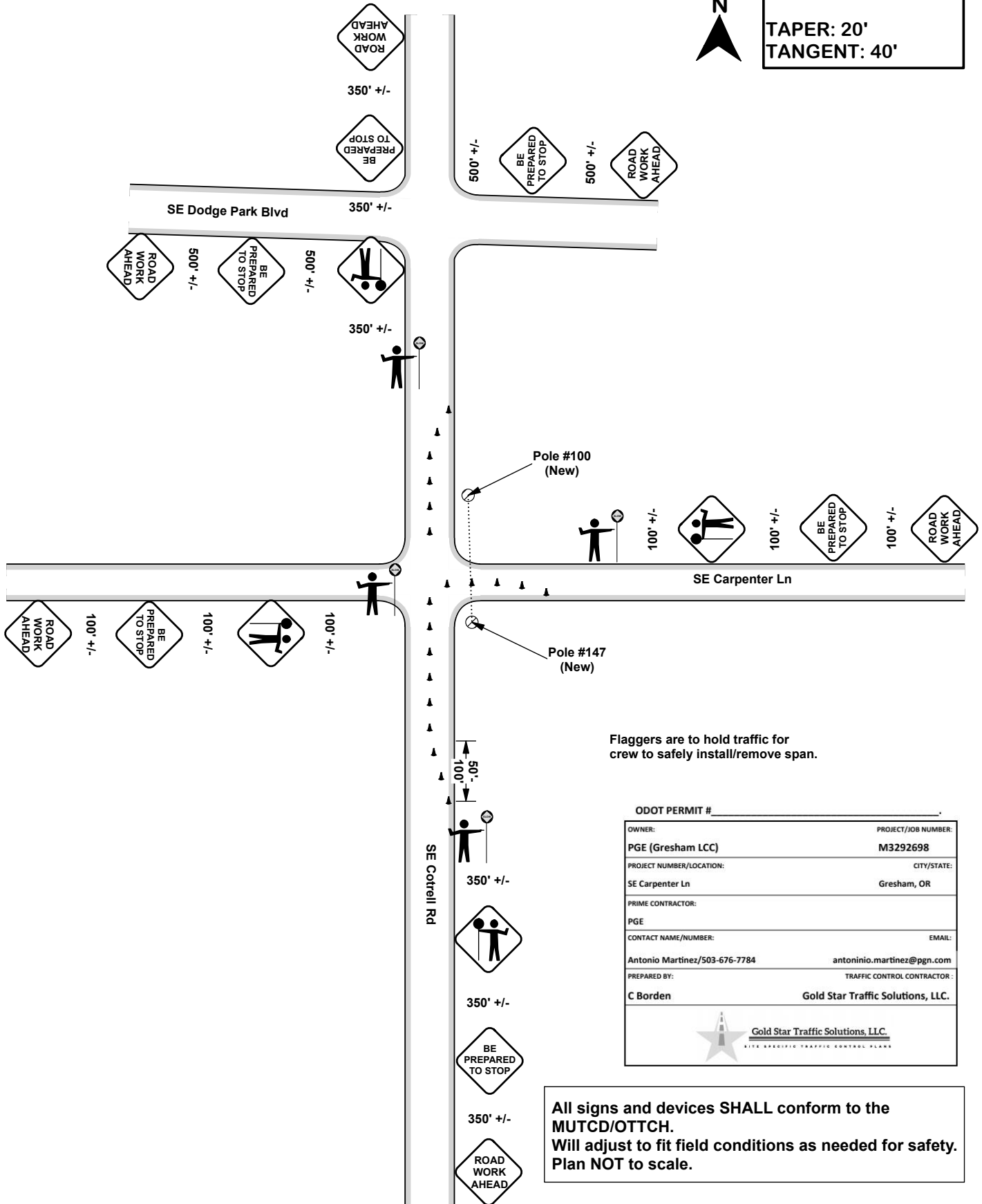


<b>ODOT PERMIT #</b> _____	
OWNER: <b>PGE (Gresham LCC)</b>	PROJECT/JOB NUMBER: <b>M3292698</b>
PROJECT NUMBER/LOCATION: <b>SE Carpenter Ln</b>	CITY/STATE: <b>Gresham, OR</b>
PRIME CONTRACTOR: <b>PGE</b>	
CONTACT NAME/NUMBER: <b>Antonio Martinez/503-676-7784</b>	EMAIL: <b>antonio.martinez@pgn.com</b>
PREPARED BY: <b>C Borden</b>	TRAFFIC CONTROL CONTRACTOR: <b>Gold Star Traffic Solutions, LLC.</b>
 <b>Gold Star Traffic Solutions, LLC.</b> <small>SITE SPECIFIC TRAFFIC CONTROL PLANS</small>	

**All signs and devices SHALL conform to the MUTCD/OTTCH.  
Will adjust to fit field conditions as needed for safety.  
Plan NOT to scale.**



**DEVICE SPACING:**  
**TAPER: 20'**  
**TANGENT: 40'**



Flaggers are to hold traffic for crew to safely install/remove span.

ODOT PERMIT # \_\_\_\_\_

OWNER:	PROJECT/JOB NUMBER:
PGE (Gresham LCC)	M3292698
PROJECT NUMBER/LOCATION:	CITY/STATE:
SE Carpenter Ln	Gresham, OR
PRIME CONTRACTOR:	
PGE	
CONTACT NAME/NUMBER:	EMAIL:
Antonio Martinez/503-676-7784	antonio.martinez@pgn.com
PREPARED BY:	TRAFFIC CONTROL CONTRACTOR:
C Borden	Gold Star Traffic Solutions, LLC.

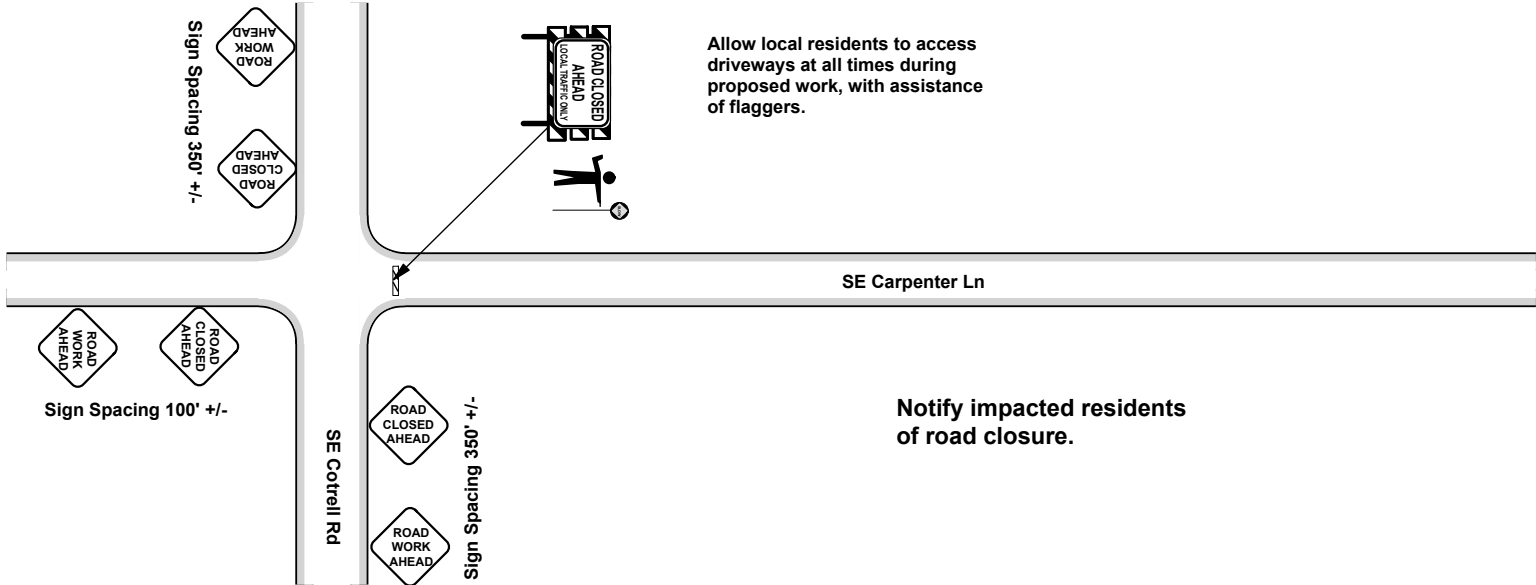

**Gold Star Traffic Solutions, LLC.**  
SITE SPECIFIC TRAFFIC CONTROL PLANS

**All signs and devices SHALL conform to the MUTCD/OTTCH.**  
**Will adjust to fit field conditions as needed for safety.**  
**Plan NOT to scale.**



ODOT PERMIT # \_\_\_\_\_

OWNER: <b>PGE (Gresham LCC)</b>	PROJECT/JOB NUMBER: <b>M3292698</b>
PROJECT NUMBER/LOCATION: <b>SE Carpenter Ln</b>	CITY/STATE: <b>Gresham, OR</b>
PRIME CONTRACTOR: <b>PGE</b>	
CONTACT NAME/NUMBER: <b>Antonio Martinez/503-676-7784</b>	EMAIL: <b>antonio.martinez@pgn.com</b>
PREPARED BY: <b>C Borden</b>	TRAFFIC CONTROL CONTRACTOR : <b>Gold Star Traffic Solutions, LLC.</b>



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 Will adjust to fit field conditions as needed for safety.  
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