



PUBLIC WORKS DEPARTMENT

2095 MAIN STREET / P.O. Box 936

FERNDALE, WA 98248

(360) 384-4006

TRANSMITTAL SHEET

Data sent: January 17, 2025

Sent to: All Planholders

Deliver to: Project Estimator

Transmission sent from: Public Works Department, City of Ferndale

Number of pages including this page: 62

CONFIRMATION OF RECEIPT OF ADDENDUM

PROJECT: Ferndale Terrace Project

City Project SW2016-01; TIB Project Number 8-2-985(011)-1

Please complete the following form and email back to the Public Works Department, City of Ferndale at public-works@cityofferndale.org as soon as possible.

Have you received Addendum No. 1 for the above-mentioned project?

YES, we received Addendum No. 1

Signature: _____ **Date:** _____

Company Name: _____

TRANSMITTAL SHEET

TO:	FROM:
ALL BIDDERS	Luis Ponce, P.E.
COMPANY:	DATE:
	January 17, 2025
ADDRESS:	TOTAL NO. OF PAGES INCLUDING COVER:
	61
RE:	
City of Ferndale	
Addendum 1	
Ferndale Terrace Project	
City Project #SW2016-01; TIB Project Number 8-2-985(011)-1	

NOTES/COMMENTS:

To the attention of all bidders for the above project:

Please find the enclosed Addendum for the above referenced project.

The enclosed ADDENDUM is to be considered as much a part of the Contract Documents as if it were included in the body of the plans and specifications, and will be incorporated in and made a part of the contract when awarded and when formally executed.

The Bidder shall acknowledge in writing, on the bid form, this addendum in order to have the bid considered.

Luis Ponce, P.E.



ADDENDUM NO. 1
To the Contract Documents for:
City of Ferndale, Washington
FERNDALE TERRACE PROJECT
City of Ferndale Project No. SW2016-01; TIB Project Number 8-2-985(011)-1

Item 1
CLARIFICATIONS

1. Will use of a material transfer device be required for asphalt paving? **GSPs (5-04.3(3)D) states that MTD/V is only required with Eng approval and when called out in contract. We do not call out the use of MTD/V in the contract. A MTD/V is not required for this project.**
2. Can CADD files for this project be made available to bidders? **CADD files will be provided to the contractor after the bid has been awarded.**
3. Special Provision 2-03.4 states that copies of the ground cross-section notes will be available at the Engineer's office for bidder inspection prior to bid opening. Can these be made available via addendum for electronic access? **There are no cross-section notes. All cross-section information is included in the bid document cross section sheets. GSP has been revised to delete reference to "notes".**
4. Special provision 1-05.14 – Cooperation with Other Contracts states that this project will require coordination of work with relocation of existing utilities on Ferndale Terrace by franchise utilities. Does the City have a relocation plan showing which utilities will be moved and to where, anticipated schedule, and duration for this work? **Puget Sound Energy (PSE) and Cascade Natural Gas (CNG) relocation plans are included with this addendum and the GSP has been revised to address franchise utility work. It is anticipated that Ziply Communications, Comcast Cable, and Astound, will relocate to PSE's relocated poles.**
5. The demo plan has several notes that direct the contractor to remove/preserve existing fence and reinstall at property line or ROW. See 5815 Seamount Drive and 2281 Ferndale Terrace for examples.
 - a. Is the demo and salvage part of removal of obstructions but install covered on landscape restoration?
 - b. Or is all work to remove/reinstall incidental to removal of obstructions? **GSP has been revised to clarify this work.**
6. The quantity for roadway excavation is substantially larger than what should be required based on the typical sections and grading plan. Is the larger quantity to cover stripping out the additional approximately 1' of topsoil/organics below the 20" road section noted in the geo-report? **The quantity has been corrected and is reflected in the revised bid proposal form.**
7. There is concern that completion of contract work will require more than 90 working days. Given the complexity and volume of underground improvements and existing utilities, along with hardscape work, would the City consider increasing contract working days?
 - a. If so, would the City consider an earlier start date than March 31, 2025?
The Contractor shall bid the project per the Contract Documents.
8. Approximate Station 27+85 on plan sheet 34 shows installation and connection of new side sewer within same footprint as existing gas. As shown, this sewer work will require undermining of existing gas for approximately 60' from sanitary main to service connection point. Similar conflicts between existing and proposed utilities are present elsewhere throughout the utility plan sheets. Will the gas line at approximate station 27+85, as well as other conflicting utilities shown in the

plans be relocated to facilitate the construction of this contract? **Per WSDOT Standard Specifications and RCWs noted in the WSDOT Standard Specifications, the utilities are marked with "...reasonably accurate information...". Given this, the Engineer may request potholing prior to making any connection to determine the actual location of the sanitary sewer or gas main. Additional Cascade Natural Gas (CNG) relocation information is included in CNG relocation sheets included with this addendum.**

Item 2
BID PROPOSAL FORM

The Bid Proposal Form is replaced in its entirety with the attached **REVISED BID PROPOSAL FORM**. Only bids submitted on the **REVISED BID PROPOSAL FORM** labeled "**ADDENDUM NO. 1**" will be considered responsive.

The Bid Proposal Form has been revised as follows:

Bid Proposal Form, ITEM NO. 12, 'Roadway Excavation Incl. Haul', the quantity has been decreased.

Bid Proposal Form, ITEM NO. 98, 'Paint Line', the quantity has been decreased.

Bid Proposal Form, ITEM NO. 98A, 'Parking Paint Line', has been added to the Bid Proposal Form.

Item 3
SPECIFICATIONS

1-07.17 Utilities and Similar Facilities

Section 1-07.17 of the special provisions, page 49, lines 7-46 are deleted and replaced with the following:

(October 3, 2022)

Section 1-07.17 is supplemented with the following:

Locations and dimensions shown in the Plans for existing facilities are in accordance with available information obtained without uncovering, measuring, or other verification.

Public and private utilities, or their Contractors, will furnish all work necessary to adjust, relocate, replace, or construct their facilities unless otherwise provided for in the Plans or these Special Provisions. Such adjustment, relocation, replacement, or construction will be done during the prosecution of the work for this project. It is anticipated that utility adjustment, relocation, replacement, or construction within the project limits will be completed as follows:

Puget Sound Energy (PSE), Zippy Communications, Comcast Cable, Astound, Cascade Natural Gas, will relocate and/or adjust their existing facilities within the project limits during the project duration. The existing CNG line will be abandoned in place after relocation.

The Contractor shall attend a mandatory utility preconstruction meeting with the Engineer, all affected subcontractors, and all utility owners and their Contractors prior to beginning onsite work.

The following addresses and telephone numbers of utility companies or their Contractors that will be adjusting, relocating, replacing or constructing utilities within the project limits are supplied for the Contractor's use:

Puget Sound Energy

Jane Major, PSE Project Manager/Public Improvement
(360) 791-2748
jane.major@pse.com

Ziply Communications

Barb Robinson
(360) 770-6594
barbara.robinson@zipliy.com

Comcast Cable

Alvin Kuntz
(425) 293-1009
alvin_kuntz@cable.comcast.com

Astound (formerly Wave)

Jeremiah Strand
(360) 500-9011
jeremiah.strand@astound.com

Cascade Natural Gas

Cameron Krier
(360) 812-5243
Cameron.krier@cngc.com

The following addresses and telephone numbers of utility companies known or suspected of having facilities within the project limits are supplied for the Contractor's convenience:

City of Ferndale Public Works

Bo Westford
(360) 384-4006
BoWestford@cityofferndale.org

2-02.3 Construction Requirements

Section 2-02.3 is supplemented with the following:

New Sub-Section Added:

2-02.3(5) Remove, Preserve, Reinstall Fence
(January 14, 2025 R&E GSP)

This work shall consist of removing and preserving the fence as shown on the Plans. The Contractor shall take care to avoid damaging the fence. Any damage caused to the fence as a result of the Contractor's operations, shall be repaired to the satisfaction of the Engineer at no additional cost to the Contracting Agency. Reinstallation of the fence will be paid under the Repair Existing Public and Private Facilities bid item.

2-02.5 Payment

Section 2-02.5 of the special provisions, page 73, lines 40-46 are deleted and replaced with the following:

The lump sum contract price for "Removal of Structures and Obstructions" shall be full compensation for all tools, equipment, materials, and labor to perform the work as specified, including removing and disposing of the above

materials, removing and relocating blocks, removing and preserving fence, abandoning/decommissioning the existing monitor wells, and including Haul and disposal fees, and removing, transporting, and unloading the salvaged materials. Removal of any structures and obstructions readily apparent by visual inspection and not identified elsewhere will be considered incidental to this bid item.

2-03.4 Measurement

Section 2-03.4 of the special provisions, page 76, lines 9-10 are deleted.

8-22.4 Measurement

Section 8-22.4 is supplemented with the following:

The measurement for "Parking Paint Line" will be measured per each.

8-22.5 Payment

Section 8-22.5 is supplemented with the following:

"Parking Paint Line", per each.

Item 4 PLANS

Sheets 6 through 11, existing contour labels added.

Sheet 9, right of way acquisition, temporary construction easement, and temporary construction permit added to 2185 Ferndale Terrace. Additional clearing and grubbing area added to 2185 Ferndale Terrace.

Sheet 10, right of way acquisition, temporary construction easement, temporary construction permit, and additional demolition area added to 2185 Ferndale Terrace.

Sheet 15, storm drain catch basin D1 added a north invert of existing pipe to the structure.

Sheet 17, catch basin D23 moved south and pipe connecting D23 and T3.1 lengthened accordingly.

Sheet 24, catch basin D23 moved south and pipe connecting D23 and T3.1 lengthened accordingly.

Sheet 45, two curb bulb outs removed and private sidewalk grading updated.

Sheet 46, curb return added to the southeast corner of Ferndale Terrace and Legoe Ave. Grading for the crosswalk was adjusted to match the new curb ramp location.

Sheet 48, curb ramp grading updated.

Sheet 55, type parallel A pedestrian curb ramp added to the southeast corner of Ferndale Terrace and Legoe Ave

Sheet 65, driveway match added to 2185 Ferndale Terrace.

Sheet 72, textured concrete color note added to detail and HMA driveway detail added the word "commercial" to detail title to indicate bid item 24 'Commercial HMA' is used for driveways.

Sheet 74, stop sign location moved, and parking stall dimension added.

Sheet 75, RRFB assembly location adjusted, pedestrian sign location adjusted, and crosswalk lines and stop bar on Legoe Ave adjusted to match the new curb ramp location.

Sheet 76, sign location shifted west by approximately 12 feet.

END OF ADDENDUM NO. 1

Acknowledgement that this addendum has been received is required on the Bid Proposal.



Luis Ponce, P.E.

CITY OF FERNDALE
FERNDALE TERRACE PROJECT, VISTA DRIVE TO HENDRICKSON AVENUE

() SECTION REFERE		ADDENDUM NUMBER 1		January 17, 2025	
ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL	
1	1 LUMP SUM	MOBILIZATION (1-09.7)		\$	\$
				per LS	
2	1 LUMP SUM	ROADWAY SURVEYING (1-05)		\$	\$
				per LS	
3	1 LUMP SUM	ADA FEATURE SURVEYING (1-05)		\$	\$
				per LS	
4	1 LUMP SUM	SPCC PLAN (1-07)		\$	\$
				per LS	
5	1 LUMP SUM	PROJECT TEMPORARY TRAFFIC CONTROL (1-10)		\$	\$
				per LS	
6	1 LUMP SUM	CLEARING AND GRUBBING (2-01)		\$	\$
				per LS	
7	1 LUMP SUM	REMOVAL OF STRUCTURES AND OBSTRUCTIONS (2-02)		\$	\$
				per LS	
8	5,050 LINEAR FOOT-INCH	SAWCUT ACP (2-02)		\$	\$
				per LF-IN	
9	2,250 LINEAR FOOT-INCH	SAWCUT PCC (2-02)		\$	\$
				per LF-IN	
10	36 EACH	REMOVING DRAINAGE STRUCTURES AND MANHOLES (2-02)		\$	\$
				per EA	
11	1 FORCE ACCOUNT	ABANDONMENT OF ASBESTOS CEMENT WATER MAIN (2-02)	\$ 20,000.00	\$ 20,000.00	
				FA	

CITY OF FERNDALE
FERNDALE TERRACE PROJECT, VISTA DRIVE TO HENDRICKSON AVENUE

() SECTION REFERE		ADDENDUM NUMBER 1		January 17, 2025	
ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL	
12	4,800 CUBIC YARD	ROADWAY EXCAVATION INCL. HAUL (2-03)		\$	\$
				per CY	
13	200 CUBIC YARD	EMBANKMENT COMPACTION (2-03)		\$	\$
				per CY	
14	200 CUBIC YARD	UNSUITABLE FOUNDATION EXCAVATION INCL. HAUL (2-03)		\$	\$
				per CY	
15	200 M GAL.	WATER (2-07)		\$	\$
				per M GAL.	
16	25,750 SQUARE FOOT	SHORING OR EXTRA EXCAVATION CLASS B (2-09)		\$	\$
				per SF	
17	50 CUBIC YARD	CONTROLLED DENSITY FILL (2-09)		\$	\$
				per CY	
18	9,900 SQUARE YARD	CONSTRUCTION GEOTEXTILE FOR SEPARATION (2-12)		\$	\$
				per SY	
19	22,200 TON	GRAVEL BASE (4-02)		\$	\$
				per TON	
20	1,350 TON	CRUSHED SURFACING TOP COURSE (4-04)		\$	\$
				per TON	
21	225 SQUARE YARD	PLANING BITUMINOUS PAVEMENT (5-04)		\$	\$
				per SY	
22	85 SQUARE YARD	SELF-ADHERING RUBBERIZED ASPHALT MEMBRANE (5-04)		\$	\$
				per SY	

CITY OF FERNDALE
FERNDALE TERRACE PROJECT, VISTA DRIVE TO HENDRICKSON AVENUE

() SECTION REFERE		ADDENDUM NUMBER 1		January 17, 2025	
ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL	
23	2,075 TON	HMA CL. 1/2" PG 58H-22 (5-04)		\$	\$
				per TON	
24	100 TON	COMMERCIAL HMA (5-04)		\$	\$
				per TON	
25	0 CALC	JOB MIX COMPLIANCE PRICE ADJUSTMENT (5-04)		\$	\$
				CALC	0
26	0 CALC	COMPACTION PRICE ADJUSTMENT (5-04)		\$	\$
				CALC	0
27	1 CALC	ASPHALT COST PRICE ADJUSTMENT (5-04)		\$	\$
				CALC	20,000.00
28	2 EACH	SPEED TABLE (5-05)		\$	\$
				per EA	
29	25 SQUARE YARD	TEXTURED CEMENT CONCRETE PAVEMENT (5-05)		\$	\$
				per SY	
30	935 LINEAR FOOT	INFILTRATION TRENCH (7-01)		\$	\$
				per LF	
31	20 LINEAR FOOT	SOLID WALL PVC STORM SEWER PIPE 2 IN. DIAM. (7-04)		\$	\$
				per LF	
32	80 LINEAR FOOT	SOLID WALL PVC STORM SEWER PIPE 4 IN. DIAM. (7-04)		\$	\$
				per LF	
33	160 LINEAR FOOT	DUCTILE IRON STORM SEWER PIPE 8 IN. DIAM. (7-04)		\$	\$
				per LF	

CITY OF FERNDALE
FERNDALE TERRACE PROJECT, VISTA DRIVE TO HENDRICKSON AVENUE

() SECTION REFERE		ADDENDUM NUMBER 1		January 17, 2025
ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
34	340.0 LINEAR FOOT	CORRUGATED POLYETHYLENE STORM SEWER PIPE 8 IN. DIAM. (7-04)	\$ per LF	\$
35	540.0 LINEAR FOOT	DUCTILE IRON STORM SEWER PIPE 12 IN. DIAM. (7-04)	\$ per LF	\$
36	2,660 LINEAR FOOT	CORRUGATED POLYETHYLENE STORM SEWER PIPE 12 IN. DIAM. (7-04)	\$ per LF	\$
37	420 LINEAR FOOT	CORRUGATED POLYETHYLENE STORM SEWER PIPE 18 IN. DIAM. (7-04)	\$ per LF	\$
38	240 LINEAR FOOT	CORRUGATED POLYETHYLENE STORM SEWER PIPE 24 IN. DIAM. (7-04)	\$ per LF	\$
39	100 LINEAR FOOT	CORRUGATED POLYETHYLENE STORM SEWER PIPE 30 IN. DIAM. (7-04)	\$ per LF	\$
40	4,460 LINEAR FOOT	TESTING STORM SEWER PIPE (7-04)	\$ per LF	\$
41	15 EACH	MANHOLE 48 IN. DIAM. TYPE 1 (7-05)	\$ per EA	\$
42	1 EACH	MANHOLE 54 IN. DIAM. TYPE 1 (7-05)	\$ per EA	\$
43	5 LINEAR FOOT	MANHOLE ADDITIONAL HEIGHT 48 IN. DIAM. TYPE 1 (7-05)	\$ per LF	\$
44	1 EACH	DROP MANHOLE CONNECTION (7-05)	\$ per EA	\$

CITY OF FERNDALE
FERNDALE TERRACE PROJECT, VISTA DRIVE TO HENDRICKSON AVENUE

() SECTION REFERE		ADDENDUM NUMBER 1		January 17, 2025	
ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL	
45	2 EACH	CONCRETE INLET (7-05)		\$	\$
				per EA	
46	68 EACH	CATCH BASIN TYPE 1 (7-05)		\$	\$
				per EA	
47	15 EACH	CATCH BASIN TYPE 2, 48 IN. DIAM. (7-05)		\$	\$
				per EA	
48	1 EACH	CATCH BASIN TYPE 2, 54 IN. DIAM. (7-05)		\$	\$
				per EA	
49	2 EACH	STORMWATER FILTRATION SYSTEM (7-05)		\$	\$
				per EA	
50	1 LUMP SUM	ADJUSTMENTS TO FINISHED GRADE (7-05)		\$	\$
				per LS	
51	332 CUBIC YARD	REMOVAL OF UNSUITABLE MATERIAL INCL. HAUL (7-08)		\$	\$
				per CY	
52	20 LINEAR FOOT	DUCTILE IRON PIPE FOR WATER MAIN 4 IN. DIAM. (7-09)		\$	\$
				per LF	
53	3,100 LINEAR FOOT	DUCTILE IRON PIPE FOR WATER MAIN 8 IN. DIAM. (7-09)		\$	\$
				per LF	
54	4 EACH	CONNECT TO EXISTING AC WATER MAIN 4 IN. DIAM. (7-09)		\$	\$
				per EA	
55	1 EACH	CONNECT TO EXISTING AC WATER MAIN 8 IN. DIAM. (7-09)		\$	\$
				per EA	

CITY OF FERNDALE
FERNDALE TERRACE PROJECT, VISTA DRIVE TO HENDRICKSON AVENUE

() SECTION REFERE		ADDENDUM NUMBER 1	January 17, 2025	
ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
56	1 EACH	CONNECT TO EXISTING WATER MAIN 6 IN. DIAM. (7-09)	\$	\$ per EA
57	2 EACH	CONNECT TO EXISTING WATER MAIN 8 IN. DIAM. (7-09)	\$	\$ per EA
58	2 EACH	STOVEPIPE WATERMAIN, 8 IN. DIAM. (7-09)	\$	\$ per EA
59	80 LINEAR FOOT	FURNISHING AND INSTALLING PVC CASING PIPE 1.25 IN. DIAM. (7-09)	\$	\$ per LF
60	1 EACH	BLOWOFF ASSEMBLY (7-09)	\$	\$ per EA
61	21 EACH	GATE VALVE 8 IN. (7-12)	\$	\$ per EA
62	5 EACH	HYDRANT ASSEMBLY (7-14)	\$	\$ per EA
63	45 EACH	SERVICE CONNECTION 3/4 IN. DIAM. (7-15)	\$	\$ per EA
64	5 EACH	DOUBLE SERVICE CONNECTION 1 IN. DIAM. (7-15)	\$	\$ per EA
65	55 EACH	PRESSURE REDUCING VALVE 3/4 IN. (7-15)	\$	\$ per EA
66	1,300 LINEAR FOOT	PVC SANITARY SEWER PIPE 6 IN. DIAM. (7-17)	\$	\$ per LF

CITY OF FERNDALE
FERNDALE TERRACE PROJECT, VISTA DRIVE TO HENDRICKSON AVENUE

() SECTION REFERE		ADDENDUM NUMBER 1		January 17, 2025	
ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL	
67	2,880 LINEAR FOOT	PVC SANITARY SEWER PIPE 8 IN. DIAM. (7-17)	\$	\$	per LF
68	70 LINEAR FOOT	PVC SANITARY SEWER PIPE 10 IN. DIAM. (7-17)	\$	\$	per LF
69	4,250 LINEAR FOOT	TESTING SEWER PIPE (7-17)	\$	\$	per LF
70	1 LUMP SUM	ESC LEAD (8-01)	\$	\$	per LS
71	1 LUMP SUM	SWPP PLAN PREPARATION (8-01)	\$	\$	per LS
72	1 EST	EROSION/WATER POLLUTION CONTROL (8-01)	\$	10,000.00	\$ 10,000.00 EST
73	31 EACH	INLET PROTECTION (8-01)	\$	\$	per EA
74	175 SQUARE YARD	BARK OR WOOD CHIP MULCH (8-02)	\$	\$	per SY
75	2,400 SQUARE YARD	SEEDED LAWN INSTALLATION (8-02)	\$	\$	per SY
76	1 EST	LANDSCAPE RESTORATION (8-02)	\$	20,000.00	\$ 20,000.00 EST
77	5,460 LINEAR FOOT	CEMENT CONC. TRAFFIC CURB AND GUTTER (8-04)	\$	\$	per LF

CITY OF FERNDALE
FERNDALE TERRACE PROJECT, VISTA DRIVE TO HENDRICKSON AVENUE

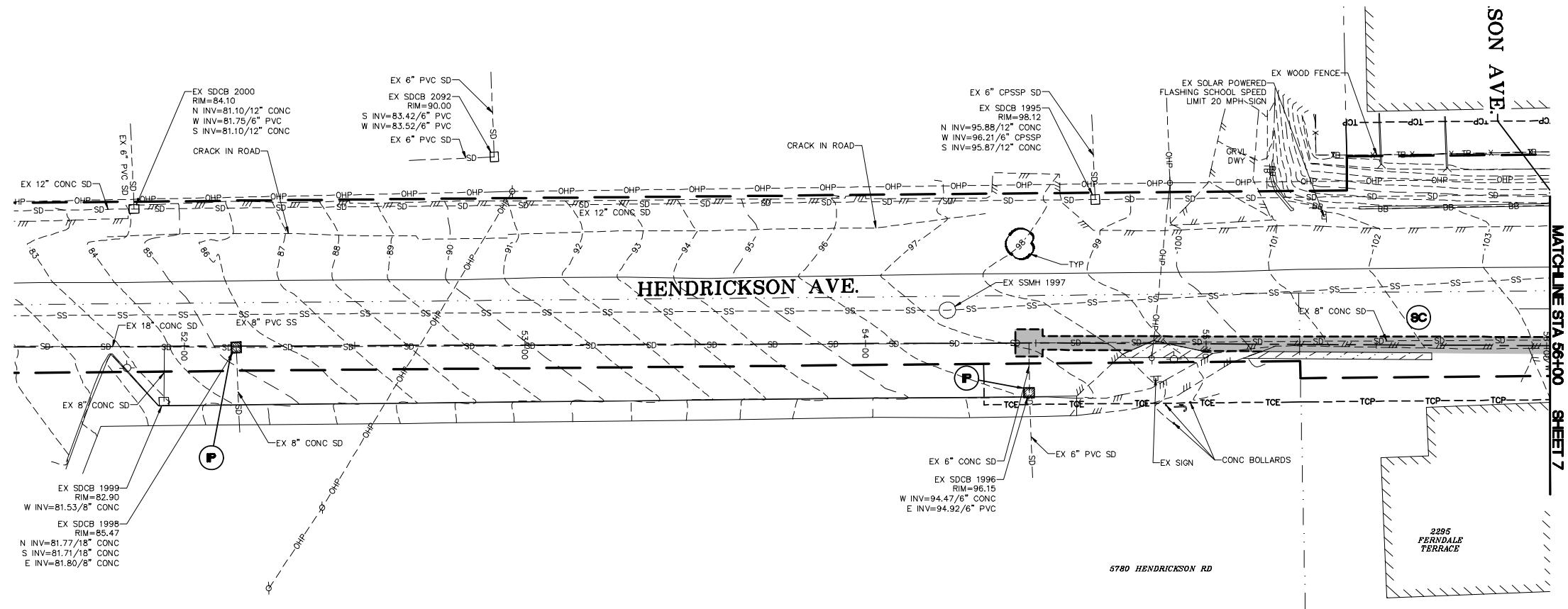
() SECTION REFERE		ADDENDUM NUMBER 1	January 17, 2025	
ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
78	540 LINEAR FOOT	CEMENT CONC. PEDESTRIAN CURB (8-04)	\$	\$ per LF
79	2,100 SQUARE YARD	CEMENT CONC. DRIVEWAY ENTRANCE TYPE 1 (8-06)	\$	\$ per SY
80	35 SQUARE YARD	EXPOSED AGGREGATE DRIVEWAY (8-06)	\$	\$ per SY
81	20 HUNDRED	RAISED PAVEMENT MARKER TYPE 1 (8-09)	\$	\$ per HUN
82	4 HUNDRED	RAISED PAVEMENT MARKER TYPE 2 (8-09)	\$	\$ per HUN
83	55 LINEAR FOOT	TEMPORARY FENCING (8-12)	\$	\$ per LF
84	1,800 SQUARE YARD	CEMENT CONC. SIDEWALK (8-14)	\$	\$ per SY
85	40 SQUARE YARD	12 IN. RAISED EDGE MONOLITHIC CEMENT CONCRETE CURB AND SIDEWALK (8-14)	\$	\$ per SY
86	91 SQUARE YARD	21 IN. RAISED EDGE MONOLITHIC CEMENT CONCRETE CURB AND SIDEWALK (8-14)	\$	\$ per SY
87	80 SQUARE YARD	24 IN. RAISED EDGE MONOLITHIC CEMENT CONCRETE CURB AND SIDEWALK (8-14)	\$	\$ per SY
88	11 EACH	CEMENT CONC. CURB RAMP TYPE PARALLEL A (8-14)	\$	\$ per EA

CITY OF FERNDALE
FERNDALE TERRACE PROJECT, VISTA DRIVE TO HENDRICKSON AVENUE

() SECTION REFERE		ADDENDUM NUMBER 1		January 17, 2025	
ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL	
89	2 EACH	CEMENT CONC. CURB RAMP TYPE PARALLEL B (8-14)		\$	\$
				per EA	
90	1 EACH	CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION A (8-14)		\$	\$
				per EA	
91	2 EACH	CEMENT CONC. CURB RAMP TYPE PERPENDICULAR B (8-14)		\$	\$
				per EA	
92	657 TON	QUARRY SPALLS (8-15)		\$	\$
				per TON	
93	2 EACH	MAILBOX SUPPORT, TYPE 1 (8-18)		\$	\$
				per EA	
94	11 EACH	MAILBOX SUPPORT, TYPE 2 (8-18)		\$	\$
				per EA	
95	1 LUMP SUM	RRFB SYSTEMS (8-20)		\$	\$
				per LS	
96	1 LUMP SUM	PERMANENT SIGNING (8-21)		\$	\$
				per LS	
97	8 EACH	PLASTIC SPEED BUMP SYMBOL (8-22)		\$	\$
				per EA	
98	3,450 LINEAR FOOT	PAINT LINE (8-22)		\$	\$
				per LF	
98A	59 EACH	PARKING PAINT LINE (8-22)		\$	\$
				per EA	
99	116 LINEAR FOOT	PLASTIC STOP LINE (8-22)		\$	\$
				per LF	

CITY OF FERNDALE
FERNDALE TERRACE PROJECT, VISTA DRIVE TO HENDRICKSON AVENUE

() SECTION REFERE		ADDENDUM NUMBER 1		January 17, 2025	
ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL	
100	1,300 SQUARE FOOT	PLASTIC CROSSWALK LINE (8-22)	\$	\$	per SF
101	30 SQUARE YARD	GRAVITY BLOCK WALL (8-24)	\$	\$	per SY
102	140 EACH	POTHOLE EXISTING UNDERGROUND UTILITY (8-32)	\$	\$	per EA
103	1 EST	REPAIR EXISTING PUBLIC AND PRIVATE FACILITIES (8-33)	\$ 75,000.00	\$ 75,000.00	EST
Sub-Total				\$	
Sales Tax @ 9% (Bid Items 11,16,17,41-44, 51-69,92)				\$	
Total				\$	



EROSION CONTROL LEGEND

WASHINGTON STATE DEPT. OF ECOLOGY BEST MANAGEMENT PRACTICES (BMP)
STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON, 2019

BMP C120 (PERMANENT SEEDING) AND BMP C130 (SURFACE

- SEE TESC DETAILS AND TESC GENERAL NOTES, SHEETS 12 AND 13

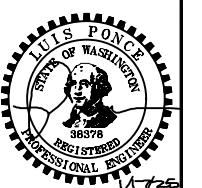
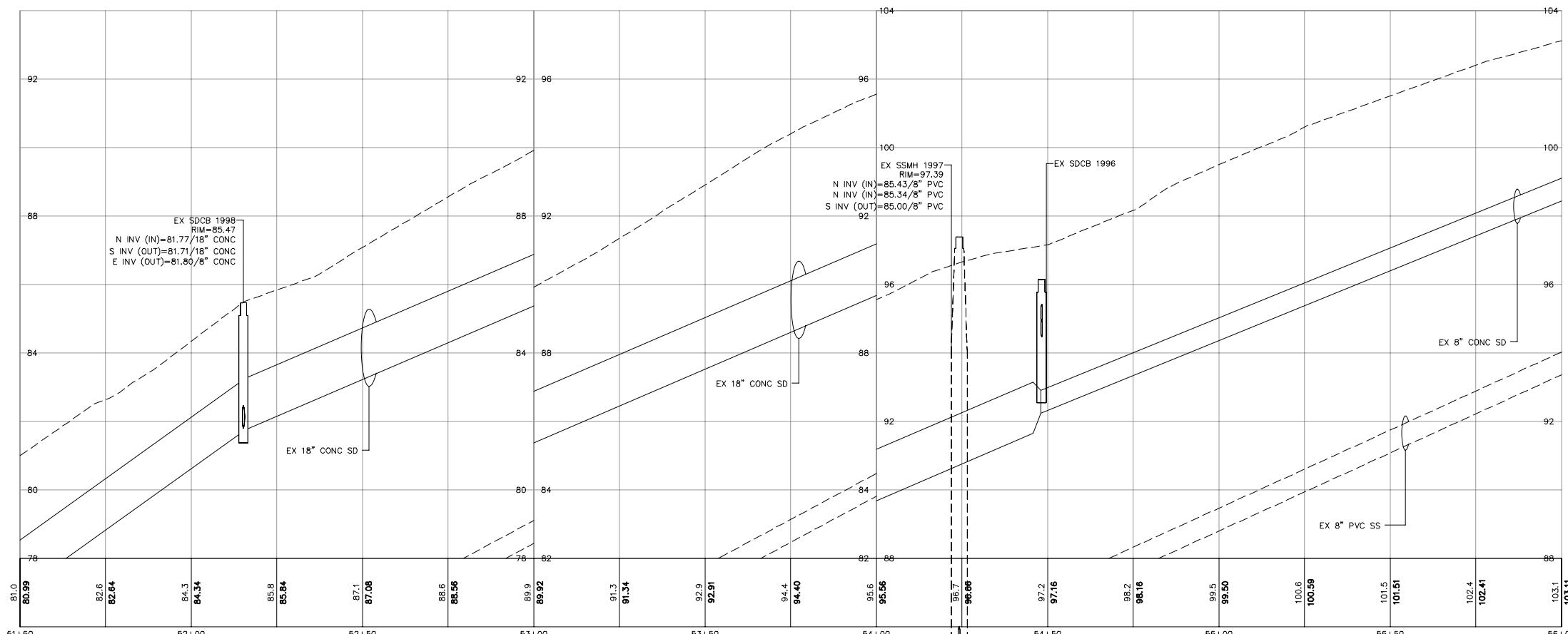
ALL STUMPS SHALL BE GROUND OUT TO 6 INCHES BELOW GRADE

SF —  = BMP C103 AND C233: CLEARING LIMITS AND SILT FENCE
— SEE DETAIL SHEET 13

P —  = BMP C220: INLET PROTECTION — C8 INSERT — SEE DETAIL SHEET 13

SC —  = BMP C105 AND C140: STREET CLEANING

ADDENDUM NOTE:
CONTOUR LABELS ADDED TO EXISTING CONTOURS ON
SHEETS 6 THROUGH 11.



BID SET

DESIGNED BY
GS/LMH
DRAWN BY
GS/LMH
CHECKED BY
LP

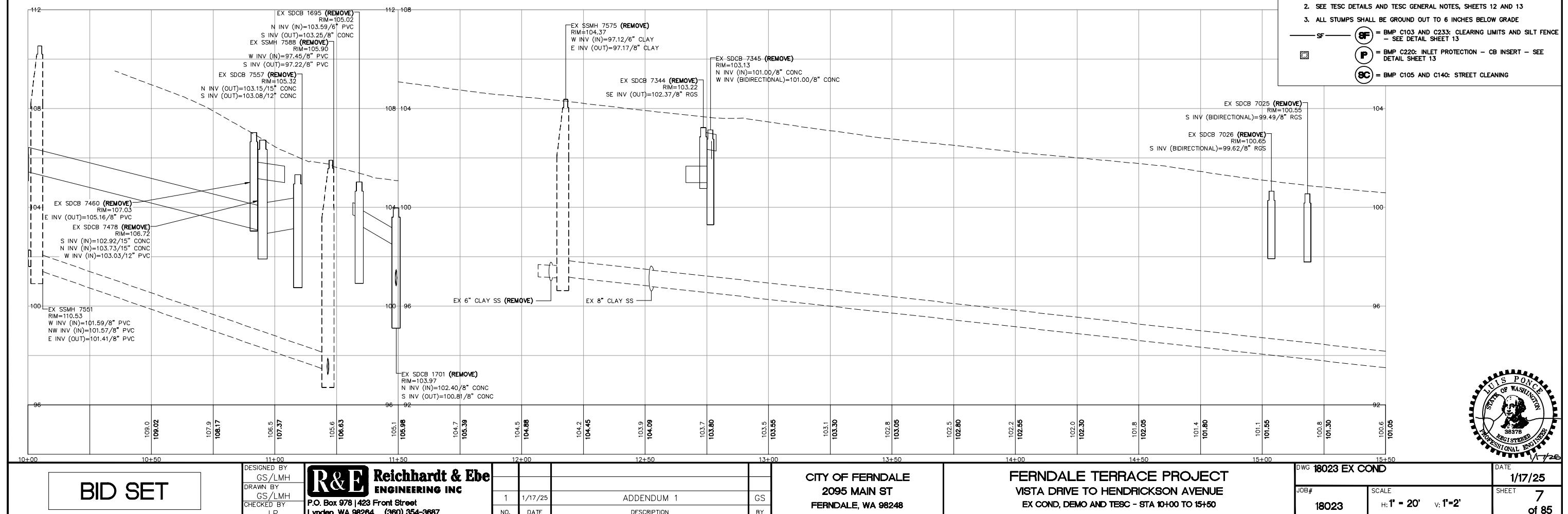
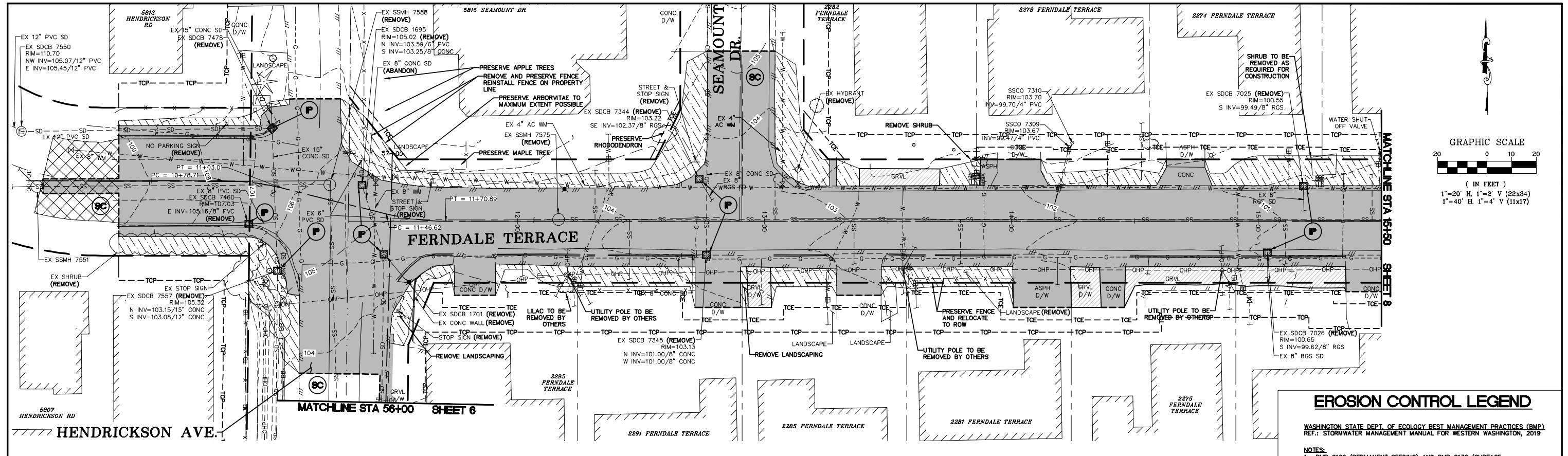
The logo for Reichhardt & Eb Engineering Inc. It features a black rectangular box with a white border. Inside, the letters 'R&E' are written in a large, bold, white, sans-serif font. To the right of the box, the company name 'Reichhardt & Eb' is written in a large, bold, black, sans-serif font. Below 'Reichhardt & Eb', the words 'ENGINEERING INC.' are written in a smaller, bold, black, sans-serif font. At the bottom of the box, the address 'P.O. Box 978 | 423 Front Street' is written in a smaller, black, sans-serif font. Below that, 'Lynden, WA 98264' is written in a smaller, black, sans-serif font. To the right of the address, the phone number '(360) 354-3687' is written in a smaller, black, sans-serif font.

1	1/17/25	ADDENDUM 1*
NO.	DATE	DESCRIPTION

CITY OF FERNDALE
2095 MAIN ST
FERNDALE, WA 98248

**FERNDALE TERRACE PROJECT
VISTA DRIVE TO HENDRICKSON AVENUE
EX COND, DEMO AND TESC - HENDRICKSON**

DWG 18023 EX COND		DATE 1/17/25
JOB# 18023	SCALE H: 1' = 20' V: 1' = 2'	SHEET 6 of 85



EROSION CONTROL LEGEND

WASHINGTON STATE DEPT. OF ECOLOGY BEST MANAGEMENT PRACTICES (BMP)
REF.: STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON, 2019

NOTES:
1. BMP C120 (PERMANENT SEEDING) AND BMP C130 (SURFACE ROUGHENING) SHOWN IN LANDSCAPING AND PLANTING PLAN.

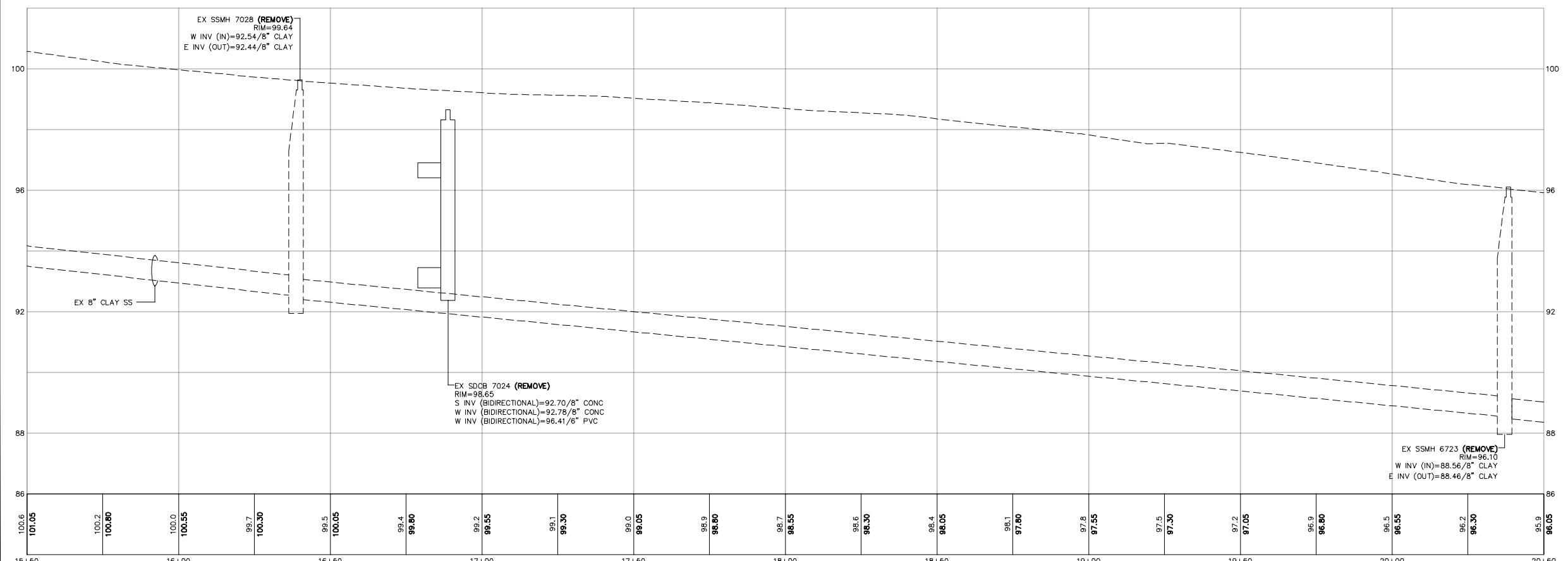
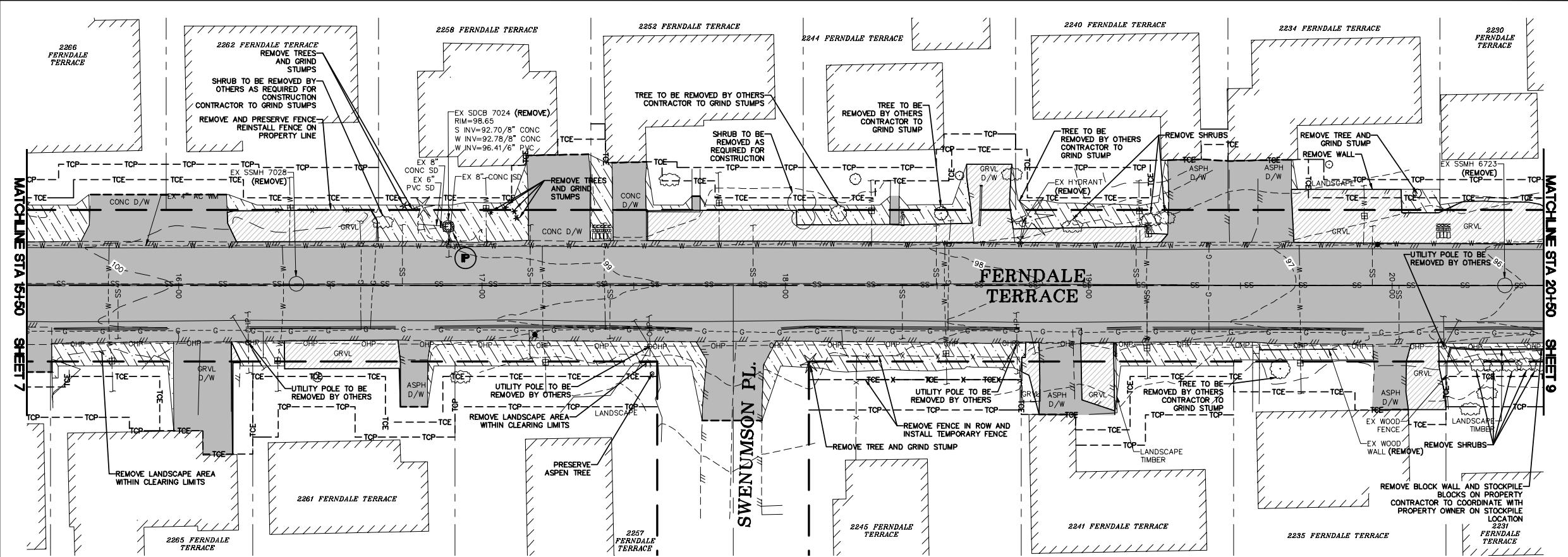
2. SEE TESC DETAILS AND TESC GENERAL NOTES, SHEETS 12 AND 13

3. ALL STUMPS SHALL BE GROUND OUT TO 6 INCHES BELOW GRADE

 SF = BMP C103 AND C233: CLEARING LIMITS AND SILT FENCE

 IP = BMP C220: INLET PROTECTION - CB INSERT - SEE DETAIL SHEET 13

 SC = BMP C105 AND C140: STREET CLEANING



BID SET		DESIGNED BY GS/LMH		DRAWN BY GS/LMH		R&E Reichhardt & Ebe ENGINEERING INC		P.O. Box 978 423 Front Street Lynden, WA 98264 (360) 354-3687		CITY OF FERNDALE 2095 MAIN ST FERNDALE, WA 98248		FERNDALE TERRACE PROJECT VISTA DRIVE TO HENDRICKSON AVENUE EX COND, DEMO AND TESC - STA 15+50 TO 20+50		DWG 18023 EX COND		DATE 1/17/25	
1	1/17/25	ADDENDUM 1	GS	1	1/17/25	NO.	DATE	DESCRIPTION	BY	18023	SCALE H: 1" - 20' V: 1"=5'	SHEET 8 of 85					



EROSION CONTROL LEGEND

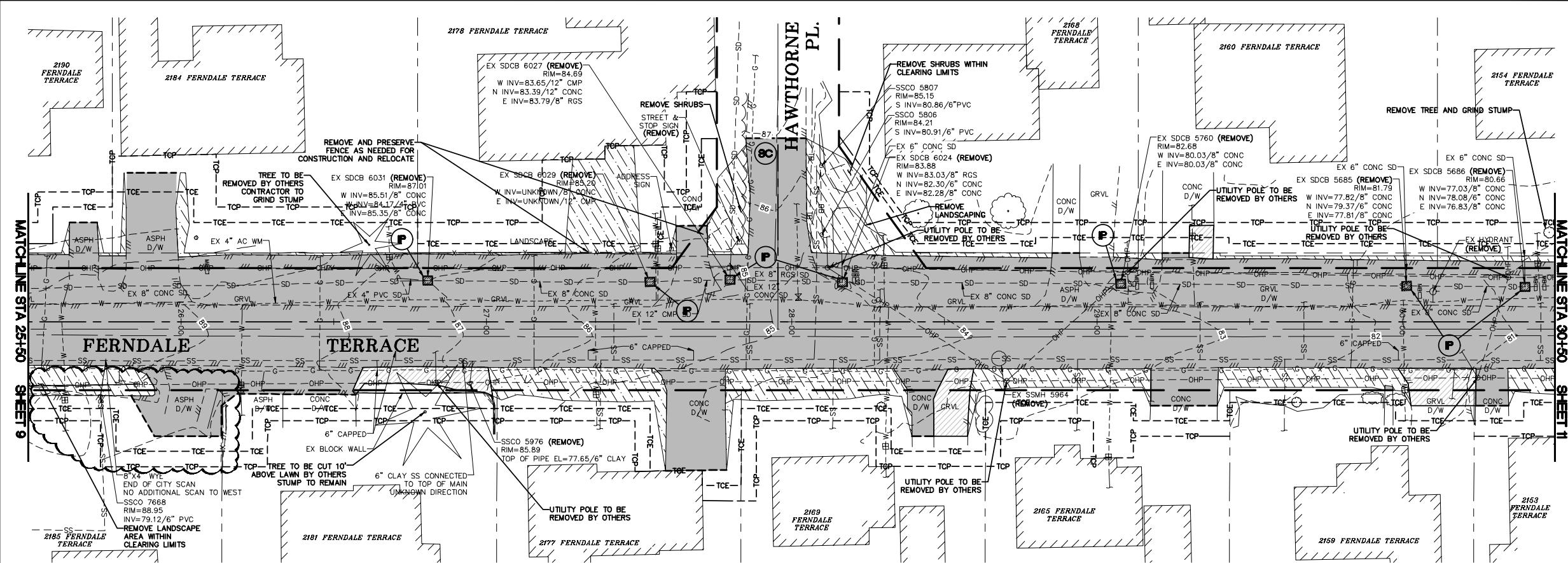
WASHINGTON STATE DEPT. OF ECOLOGY BEST MANAGEMENT PRACTICES (BMP)
REF.: STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON, 2019

NOTES:

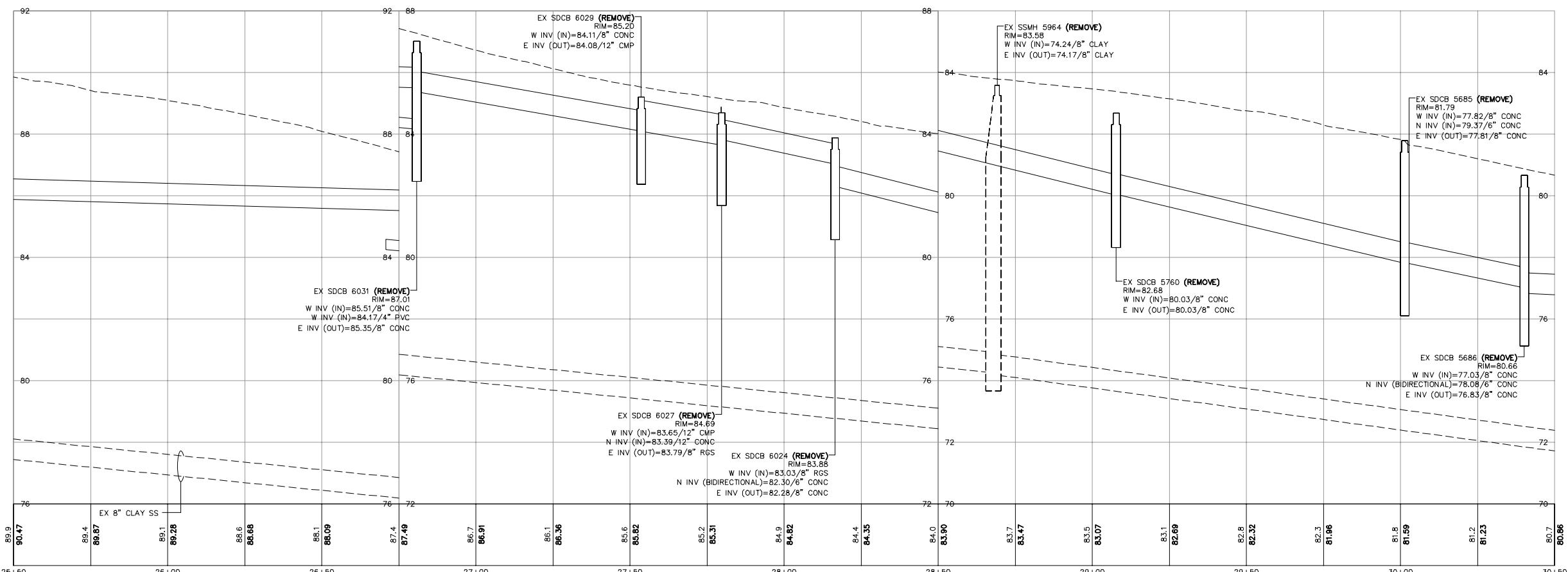
1. BMP C120 (PERMANENT SEEDING) AND BMP C130 (SURFACE ROUGHENING) SHOWN IN LANDSCAPING AND PLANTING PLAN.
2. SEE TESC DETAILS AND TESC GENERAL NOTES, SHEETS 12 AND 13
3. ALL STUMPS SHALL BE GROUND OUT TO 6 INCHES BELOW GRADE

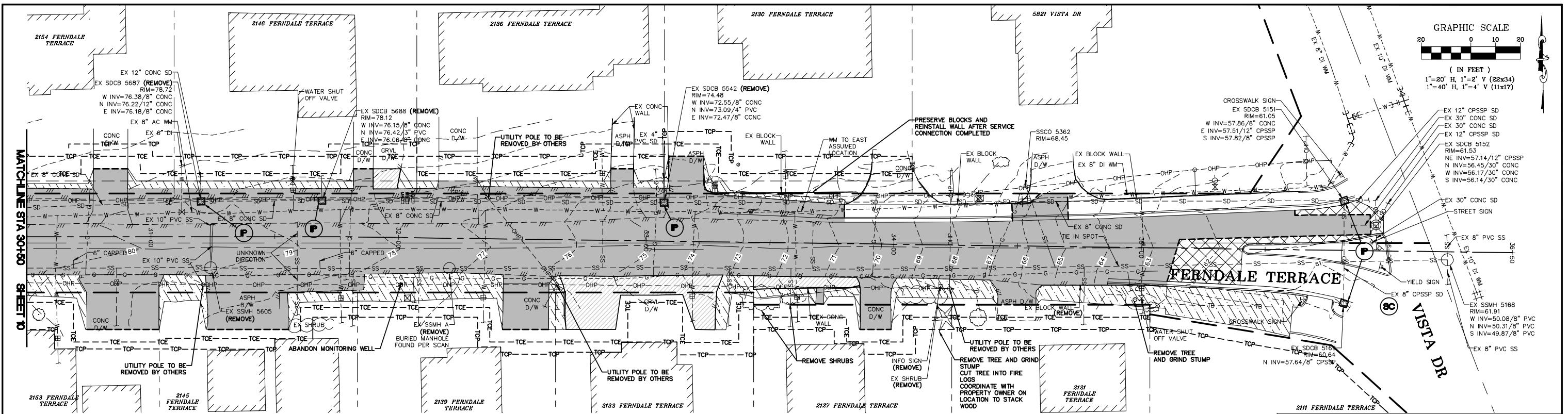
Legend:

- SF** = BMP C103 AND C233: CLEARING LIMITS AND SILT FENCE - SEE DETAIL SHEET 13
- P** = BMP C220: INLET PROTECTION - CB INSERT - SEE DETAIL SHEET 13
- SC** = BMP C105 AND C140: STREET CLEANING



GRAPHIC SCALE
20 0 10 20
(IN FEET)
1"=20' H. 1"=2' V (22x34)
1"=40' H. 1"=4' V (11x17)

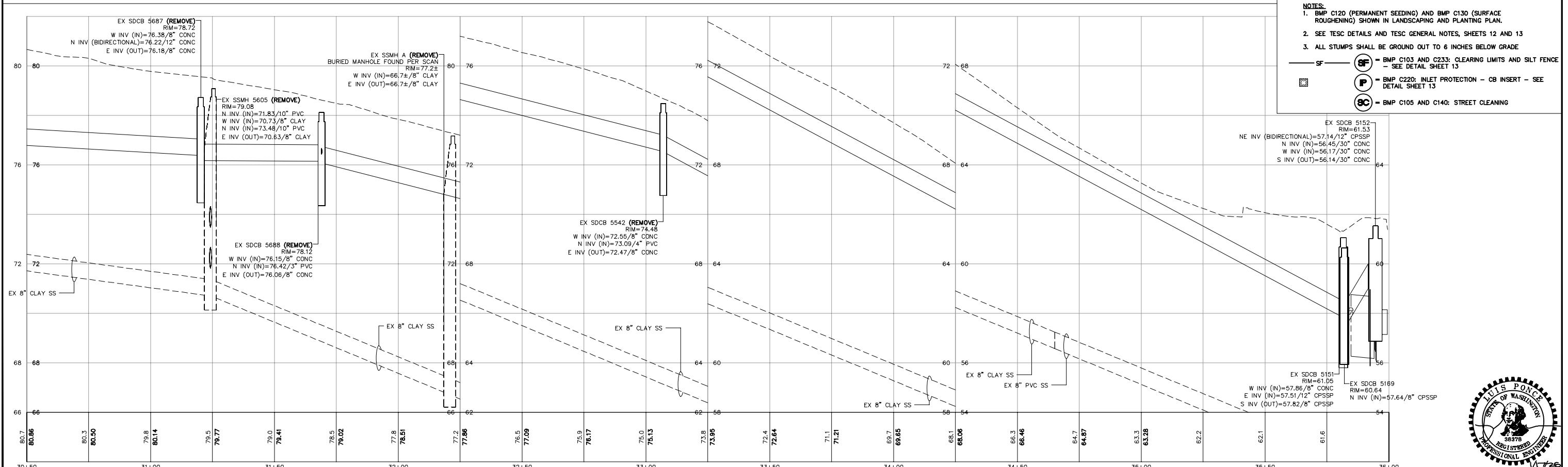




EROSION CONTROL LEGEND

WASHINGTON STATE DEPT. OF ECOLOGY BEST MANAGEMENT PRACTICES (BMP)
 REF.: STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON, 2019

- NOTES:
1. BMP C120 (PERMANENT SEEDING) AND BMP C130 (SURFACE ROUGHENING) SHOWN IN LANDSCAPING AND PLANTING PLAN.
 2. SEE TESC DETAILS AND TESC GENERAL NOTES, SHEETS 12 AND 13
 3. ALL STUMPS SHALL BE GROUND OUT TO 6 INCHES BELOW GRADE
- SF - BMP C103 AND C233: CLEARING LIMITS AND SILT FENCE
 P - SEE DETAIL SHEET 13
 SC - BMP C220: INLET PROTECTION - CB INSERT - SEE DETAIL SHEET 13
 SC - BMP C105 AND C140: STREET CLEANING



BID SET

DESIGNED BY
GS/LMH
DRAWN BY
GS/LMH
CHECKED BY
LP

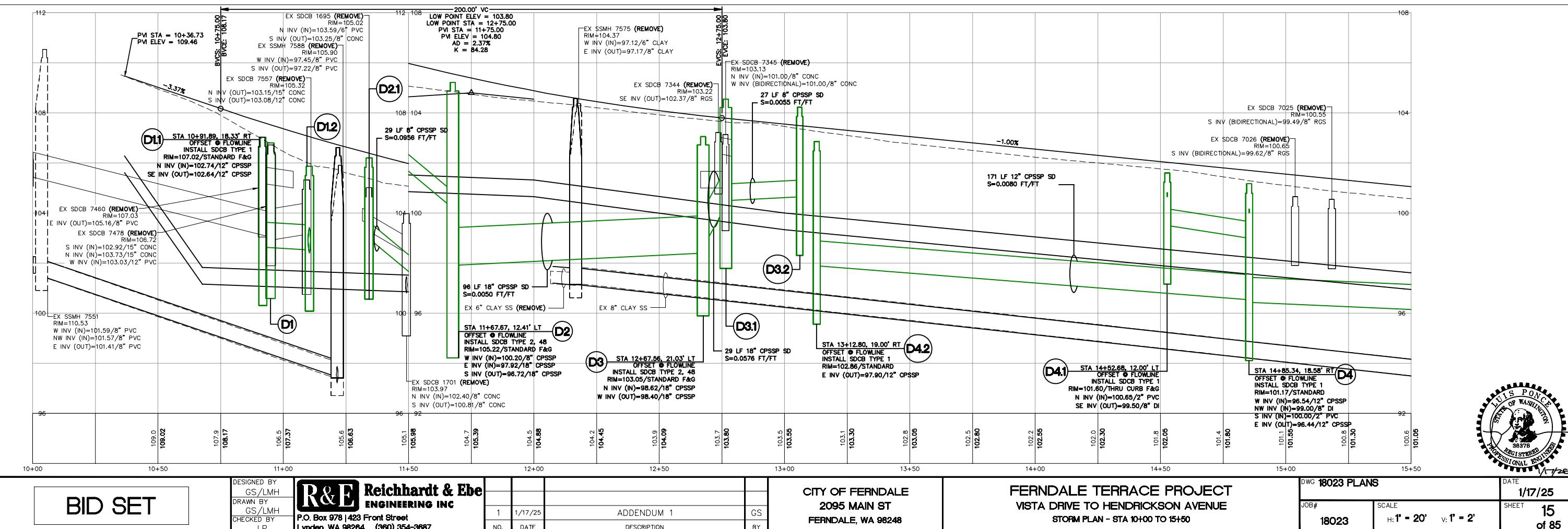
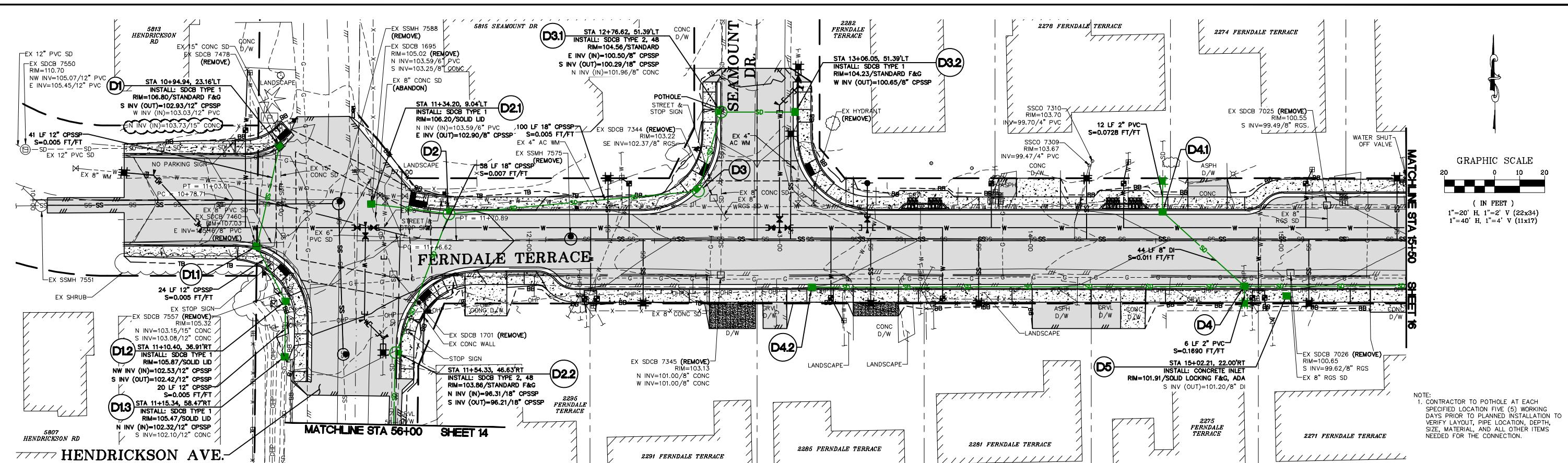
R&E Reichhardt & Ebe
ENGINEERING INC
P.O. Box 978 | 423 Front Street
Lynden, WA 98264 (360) 354-3687

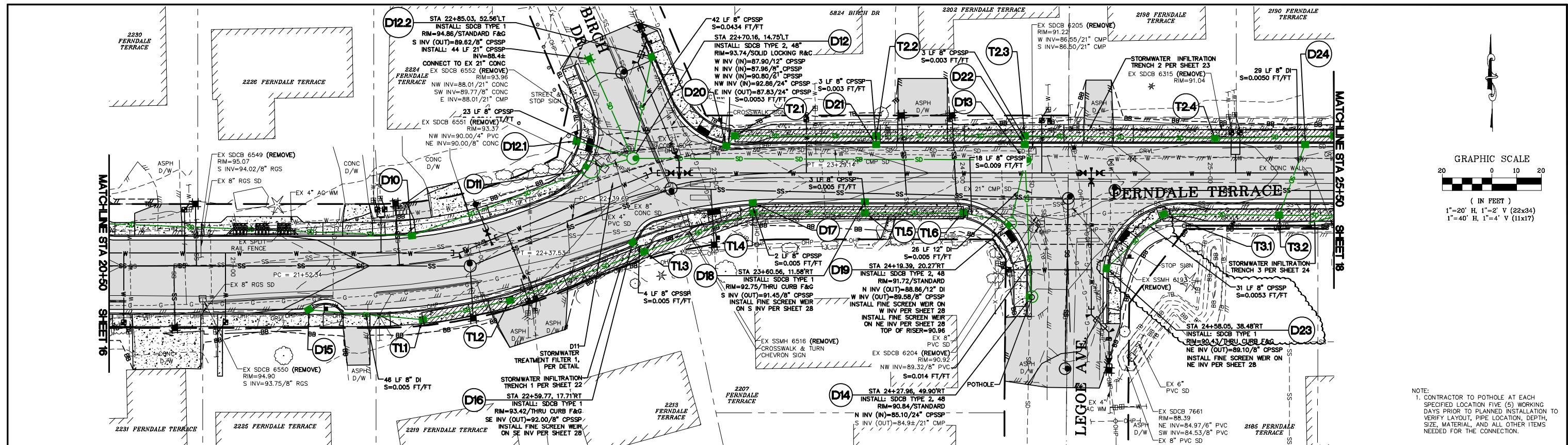
1/17/25 ADDENDUM 1
NO. DATE DESCRIPTION BY

CITY OF FERNDALE
2095 MAIN ST
FERNDALE, WA 98248

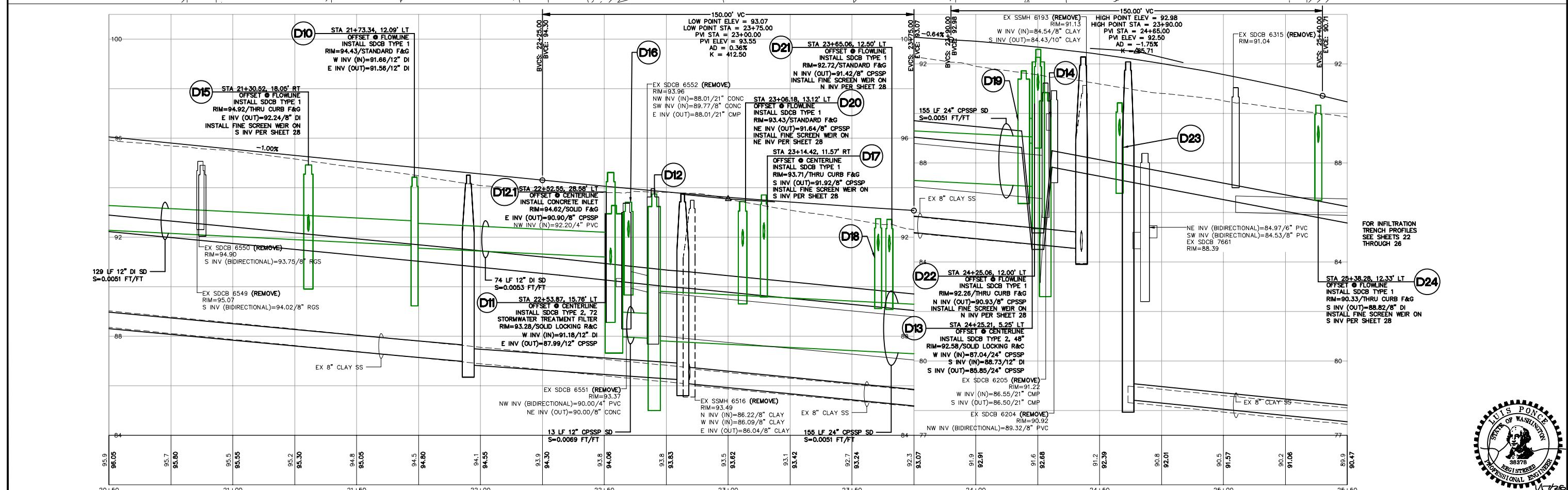
FERNDALE TERRACE PROJECT
VISTA DRIVE TO HENDRICKSON AVENUE
EX COND, DEMO AND TESC - STA 30+50 TO 36+50

DWG 18023 EX COND
JOB# 18023
SCALE H: 1' - 20' V: 1' = 2'
SHEET 11 of 85

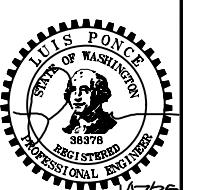


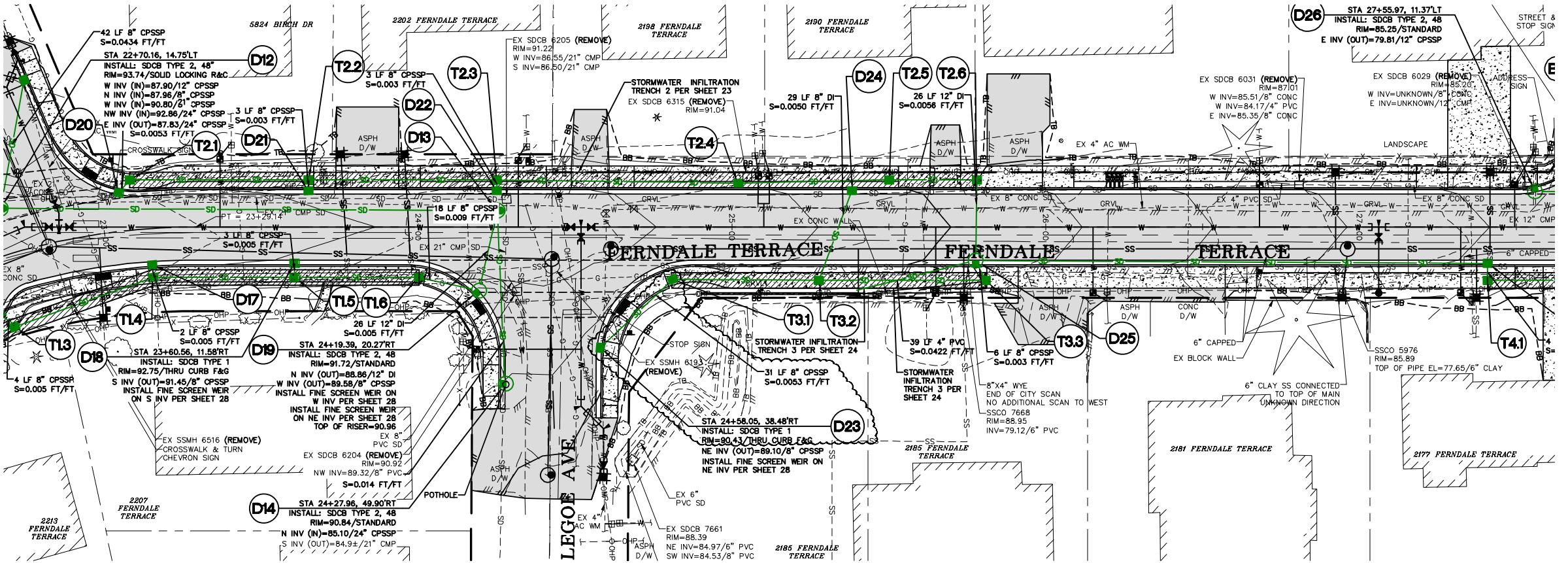


NOTE:
 1. CONTRACTOR TO POTHOLE AT EACH
 SPECIFIED LOCATION FIVE (5) WORKING
 DAYS PRIOR TO PLANNED INSTALLATION TO
 VERIFY LAYOUT, PIPE LOCATION, DEPTH,
 SIZE, MATERIAL, AND ALL OTHER ITEMS
 NEEDED FOR THE CONNECTION.



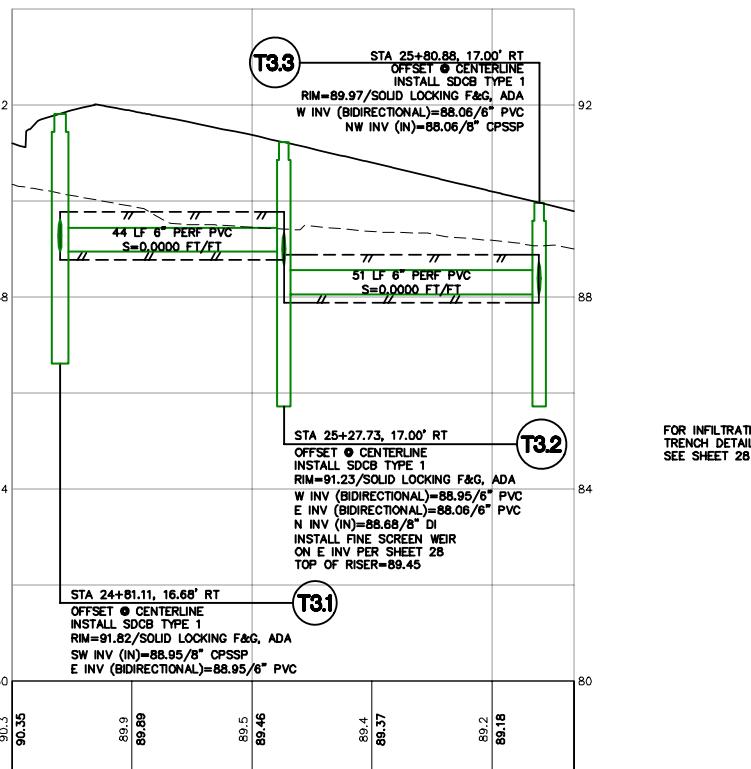
BID SET		DESIGNED BY GS/LMH	R&E Reichhardt & Ebe ENGINEERING INC		CITY OF FERNDALE 2095 MAIN ST FERNDALE, WA 98248		FERNDALE TERRACE PROJECT VISTA DRIVE TO HENDRICKSON AVENUE STORM PLAN - STA 20+50 TO 25+50		DWG 18023 PLANS		DATE 1/17/25
DRAWN BY GS/LMH	CHECKED BY LP	1/17/25	P.O. Box 978 423 Front Street Lynden, WA 98264 (360) 354-3687	ADDENDUM 1	1	1/17/25	GS	18023	18023	SCALE H: 1' - 20' V: 1' = 2'	SHEET 17 of 85





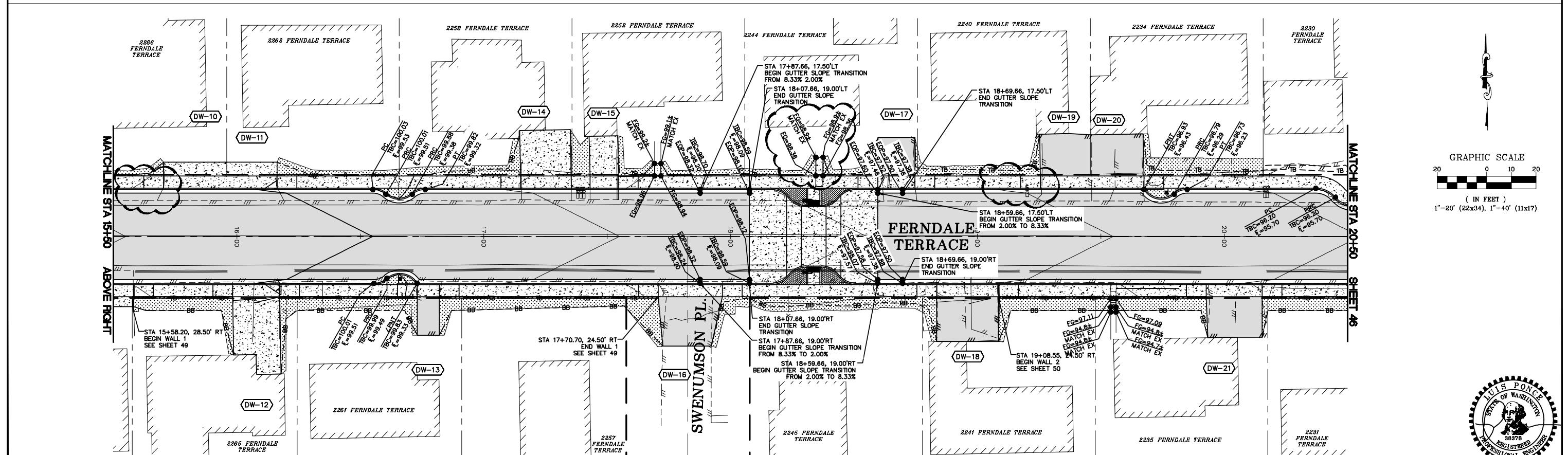
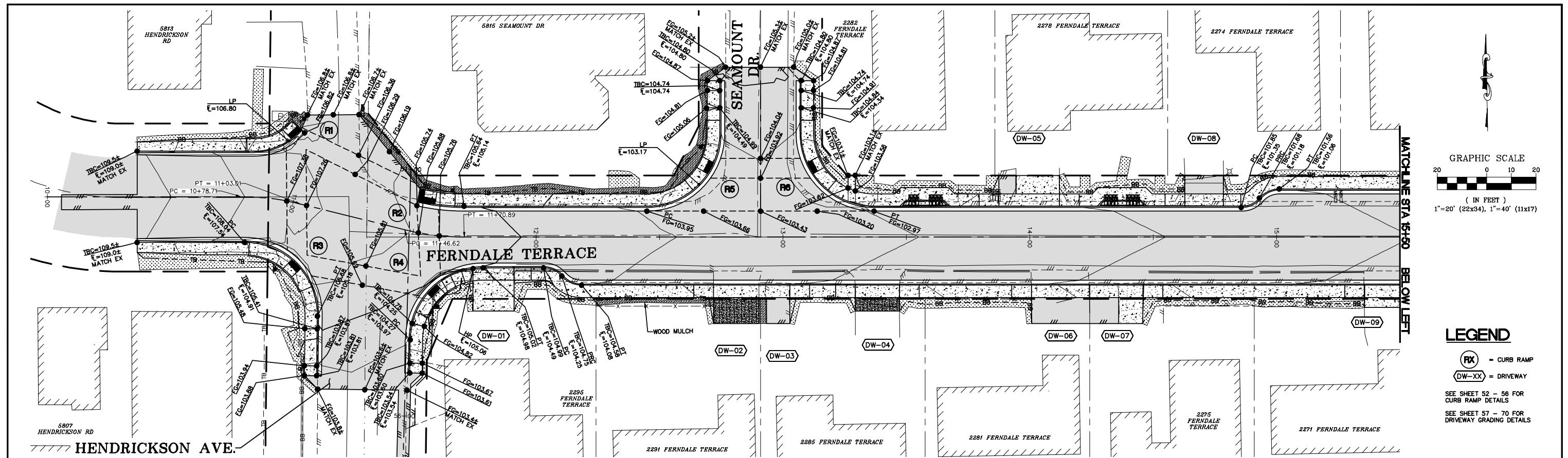
GRAPHIC SCALE
20 0 10 20
(IN FEET)
1"=20' H, 1"=2' V (22x34)
1"=40' H, 1"=4' V (11x17)

NOTE:
1. CONTRACTOR TO POHOLE AT EACH
SPECIFIED LOCATION FIVE (5) WORKING
DAYS PRIOR TO PLANNED INSTALLATION TO
VERIFY LAYOUT, PIPE LOCATION, DEPTH,
SIZE, MATERIAL, AND ALL OTHER ITEMS
NEEDED FOR THE CONNECTION.

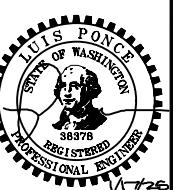


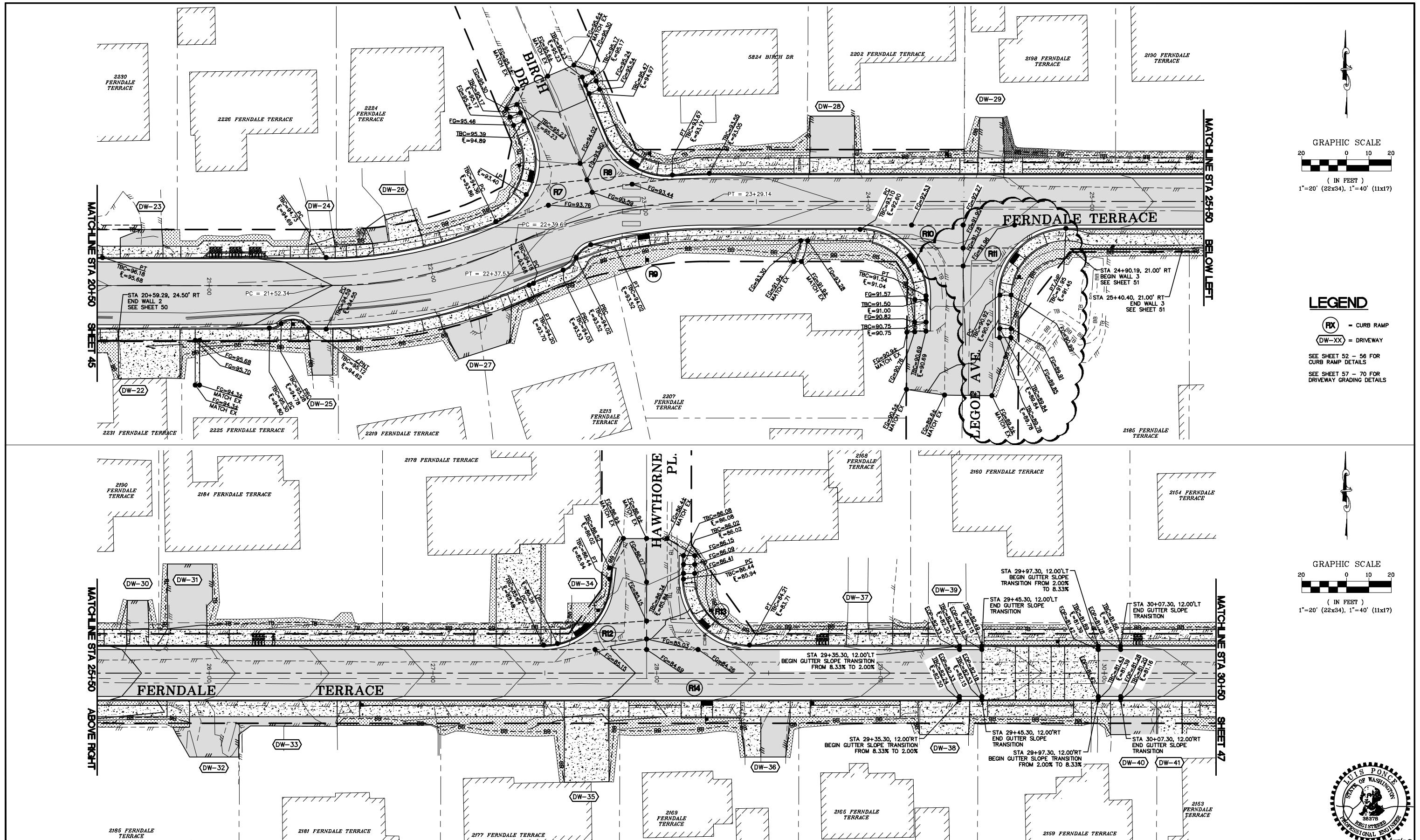
BID SET		DESIGNED BY GS/LMH	DRAWN BY GS/LMH	R&E Reichhardt & Ebe ENGINEERING INC P.O. Box 978 423 Front Street Lynden, WA 98264 (360) 354-3687		ADDENDUM 1		CITY OF FERNDALE 2095 MAIN ST FERNDALE, WA 98248		FERNDALE TERRACE PROJECT VISTA DRIVE TO HENDRICKSON AVENUE TRENCH 3 PROFILE		DWG 18023 PLANS		DATE 1/17/25
NO.	DATE	1/17/25		GS	BY	18023	SCALE H: 1' - 20' V: 1' - 2'	SHEET 24 of 85						

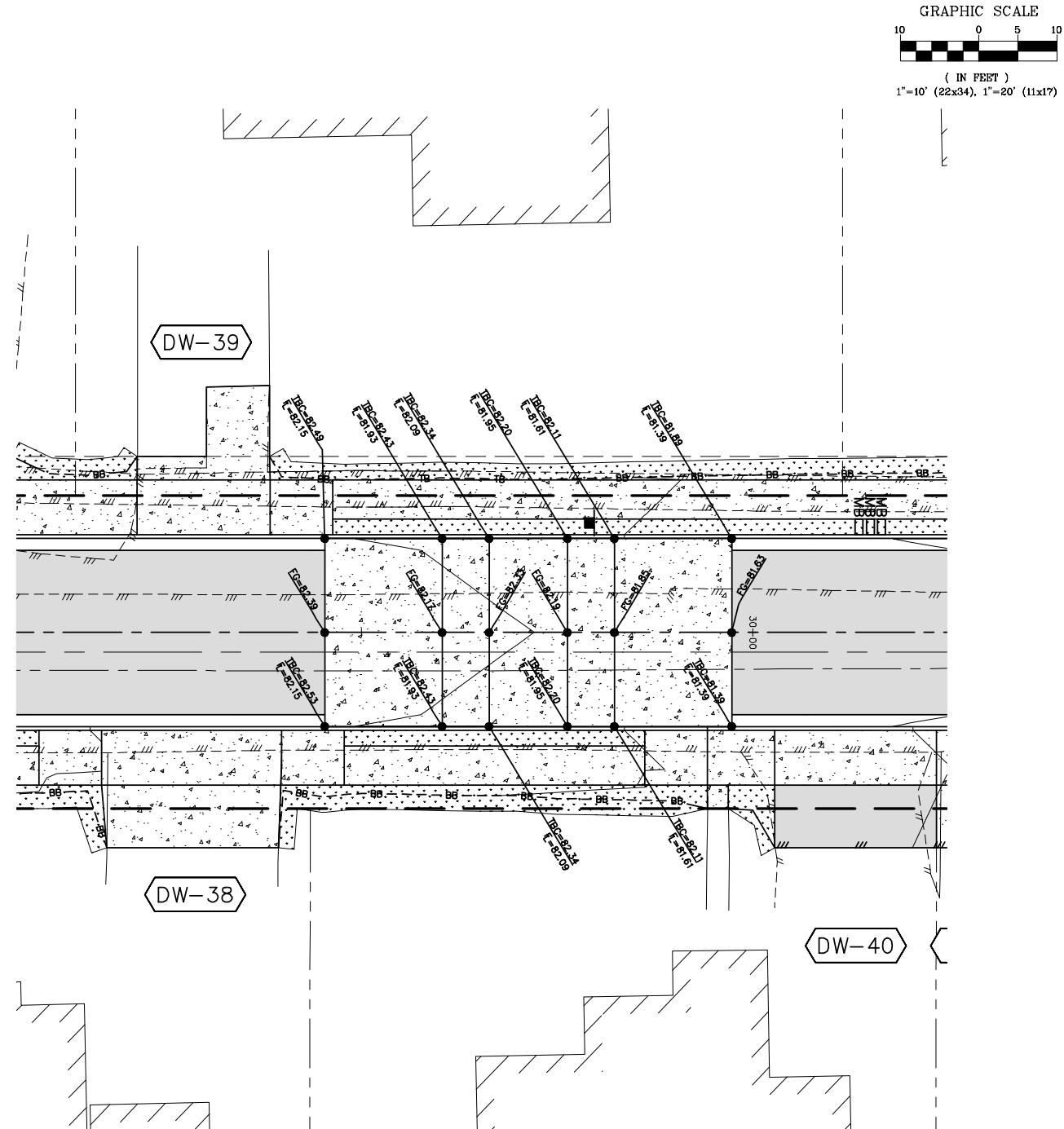
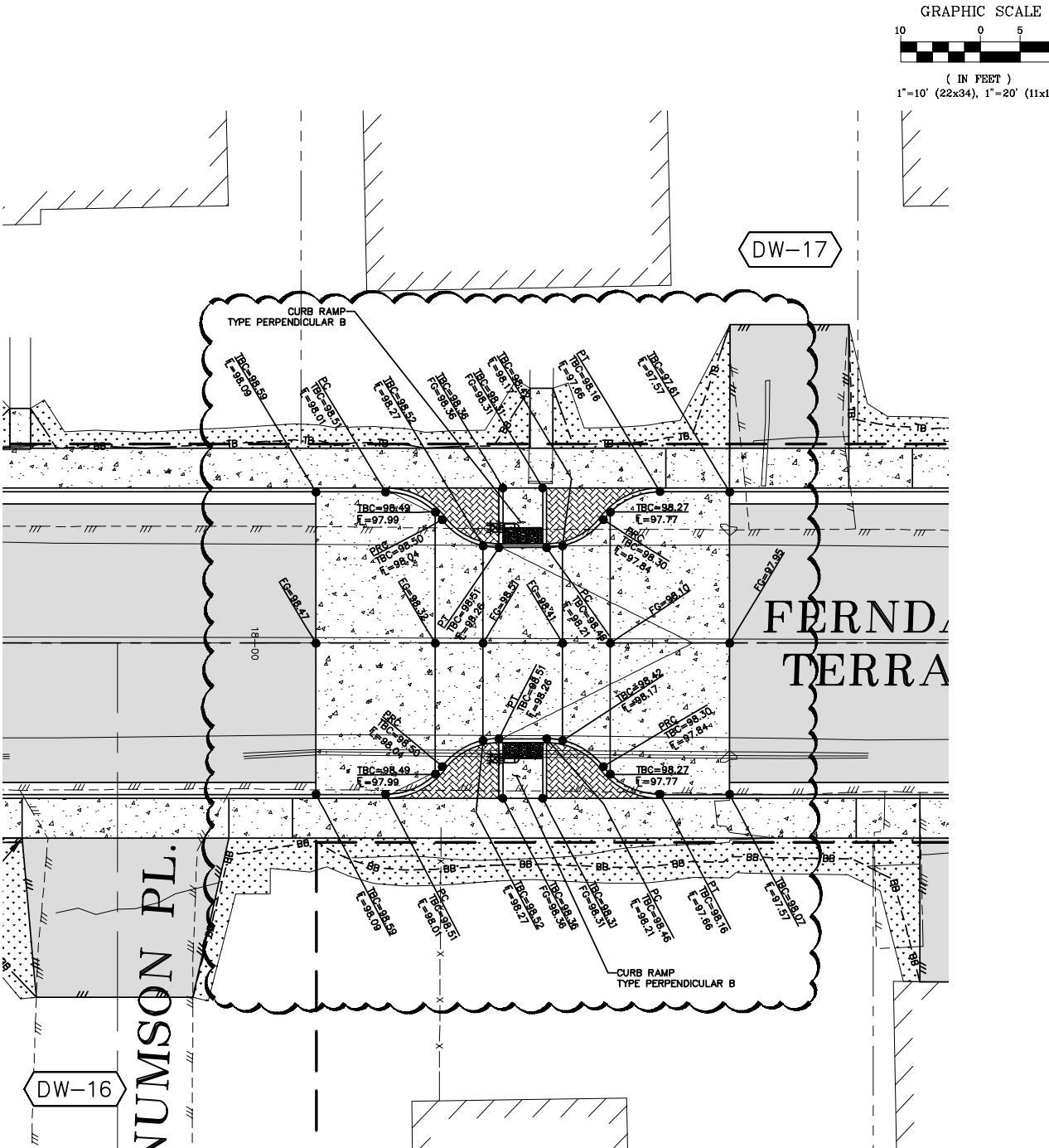




BID SET		DESIGNED BY GS/LMH	DRAWN BY GS/LMH	R&E Reichhardt & Ebe ENGINEERING INC		CITY OF FERNDALE 2095 MAIN ST FERNDALE, WA 98248		FERNDALE TERRACE PROJECT VISTA DRIVE TO HENDRICKSON AVENUE GRADING PLAN - STA 10+00 TO 20+50		DWG 18023 GRADE	DATE 1/17/25
		1/17/25		ADDENDUM 1		GS		18023	SCALE H: 1' - 20' V: N/A	SHEET 45 of 85	
		NO.	DATE			BY					







BID SET

DESIGNED BY
GS/LM
DRAWN BY
GS/LM
CHECKED BY
LP

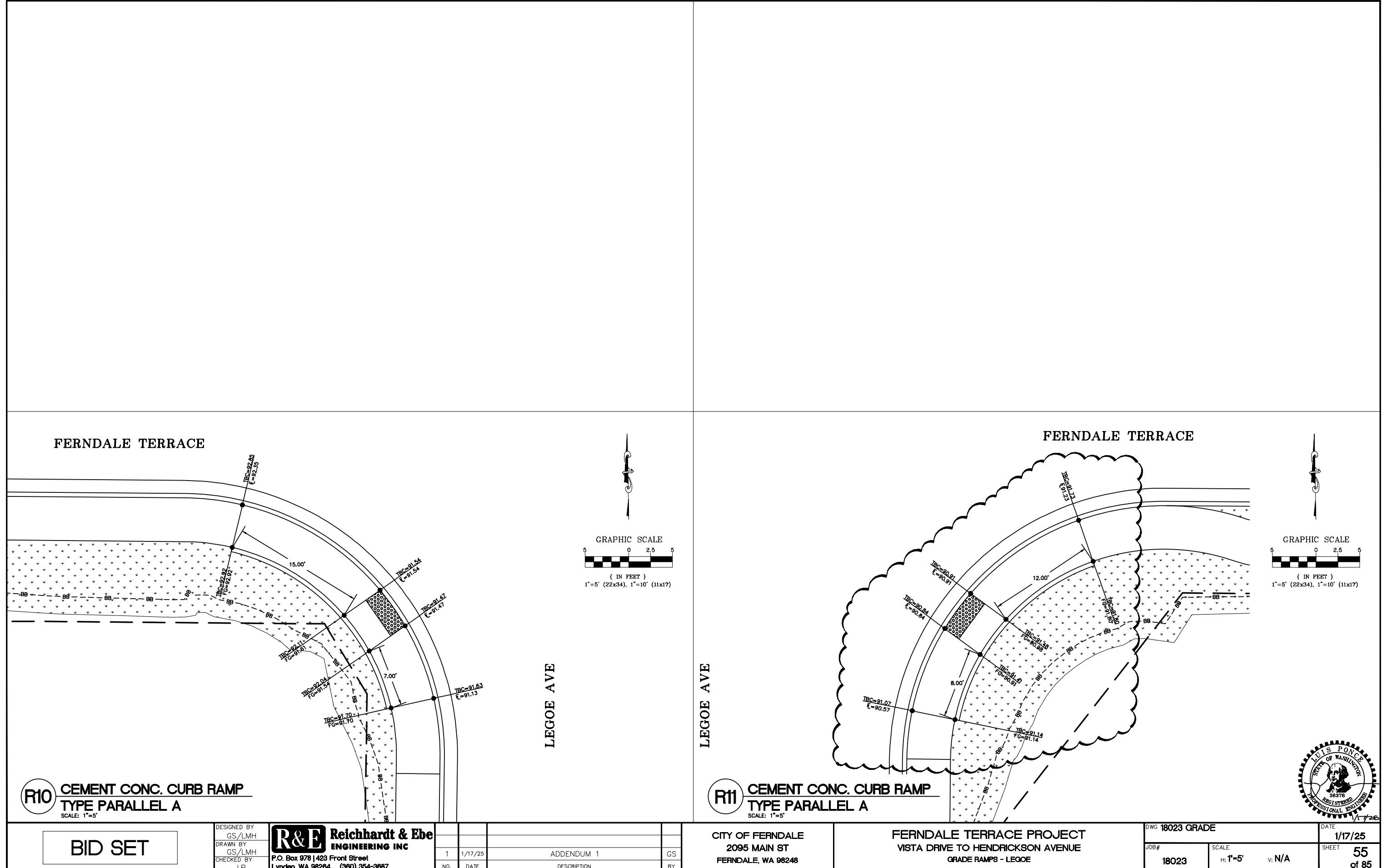
1	1/17/25	ADDENDUM 1
NO.	DATE	DESCRIPTION

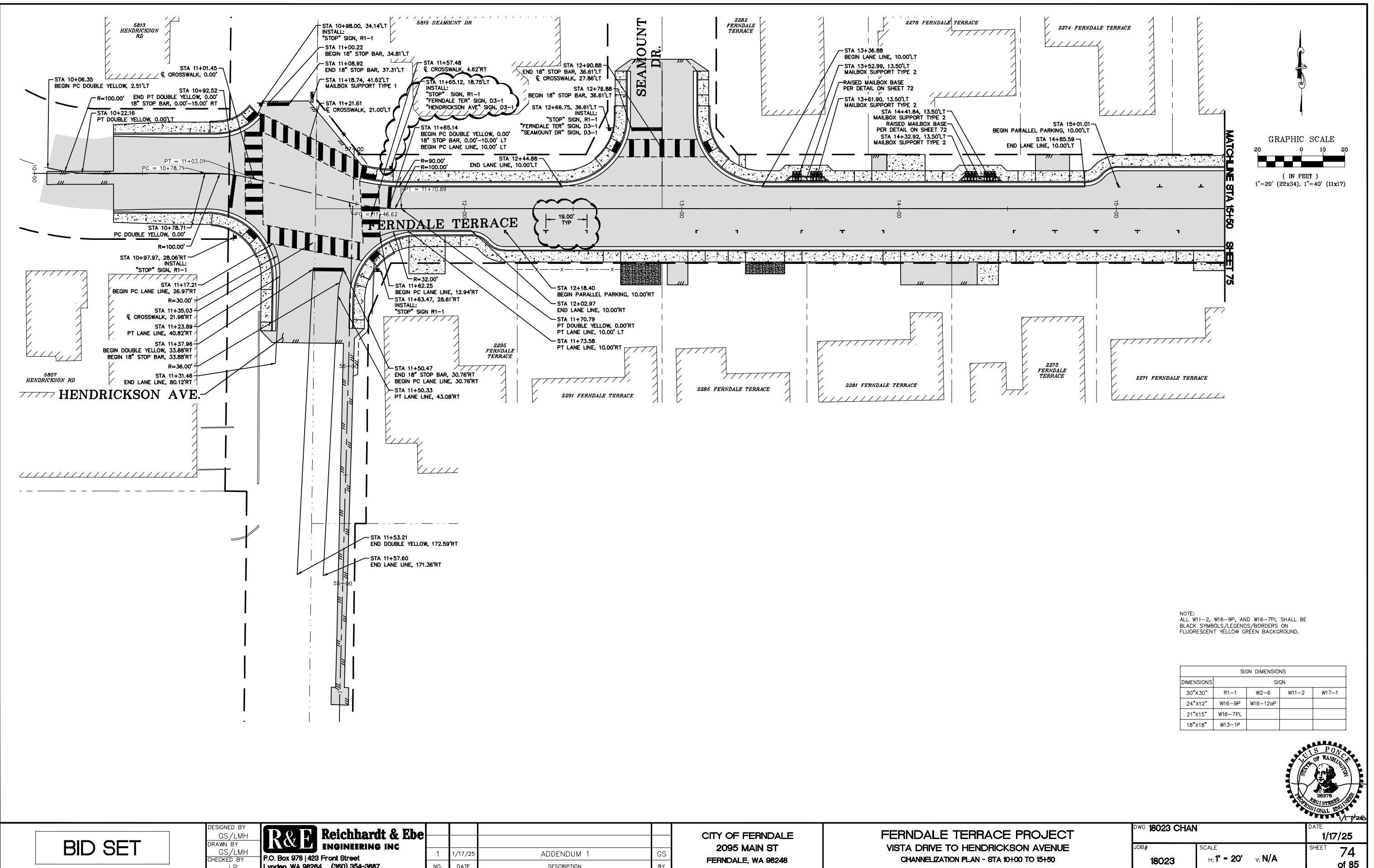
**CITY OF FERNDALE
2095 MAIN ST
FERNDALE, WA 98248**

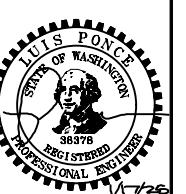
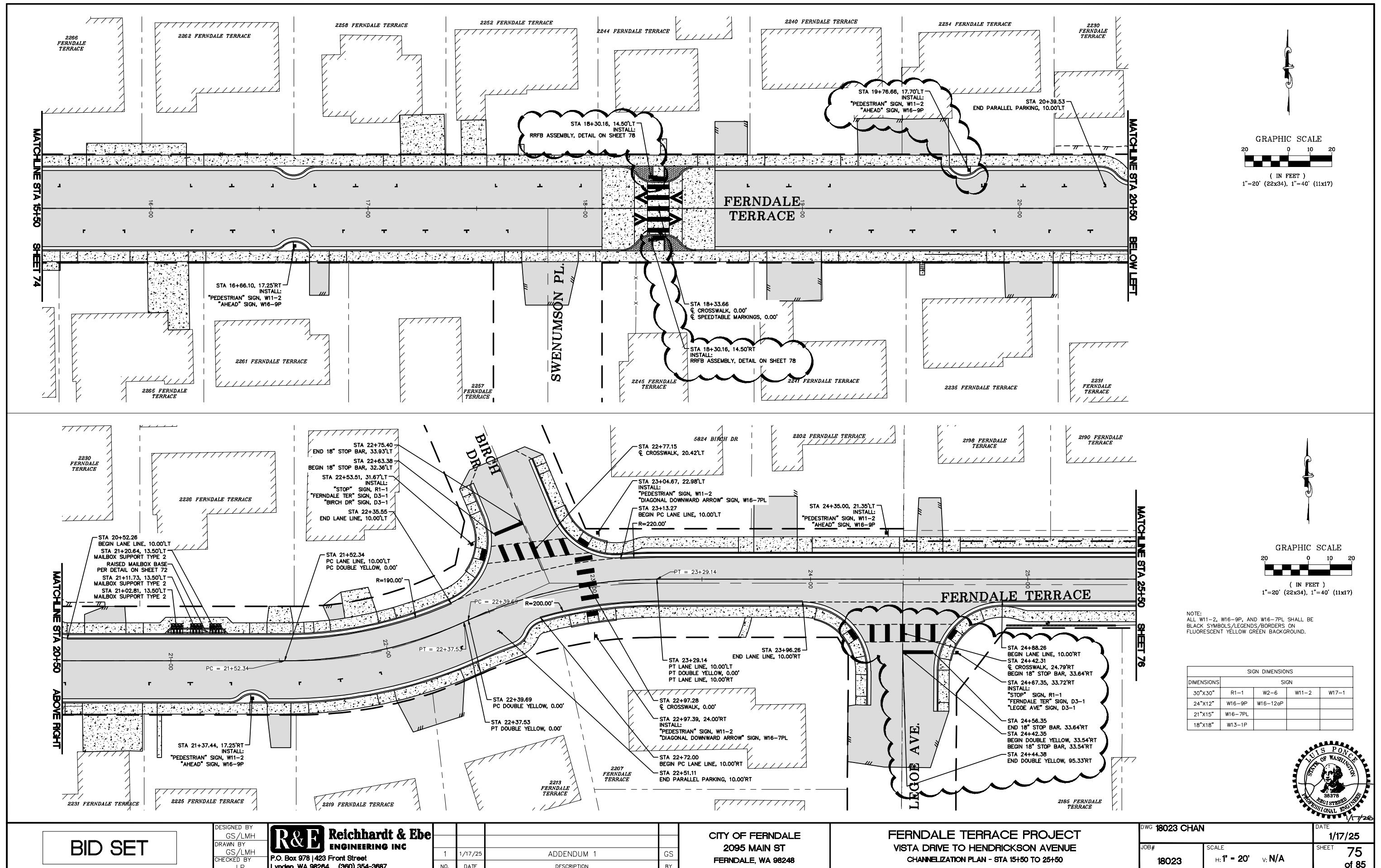
**FERNDALE TERRACE PROJECT
VISTA DRIVE TO HENDRICKSON AVENUE
SPEED TABLE GRADING**

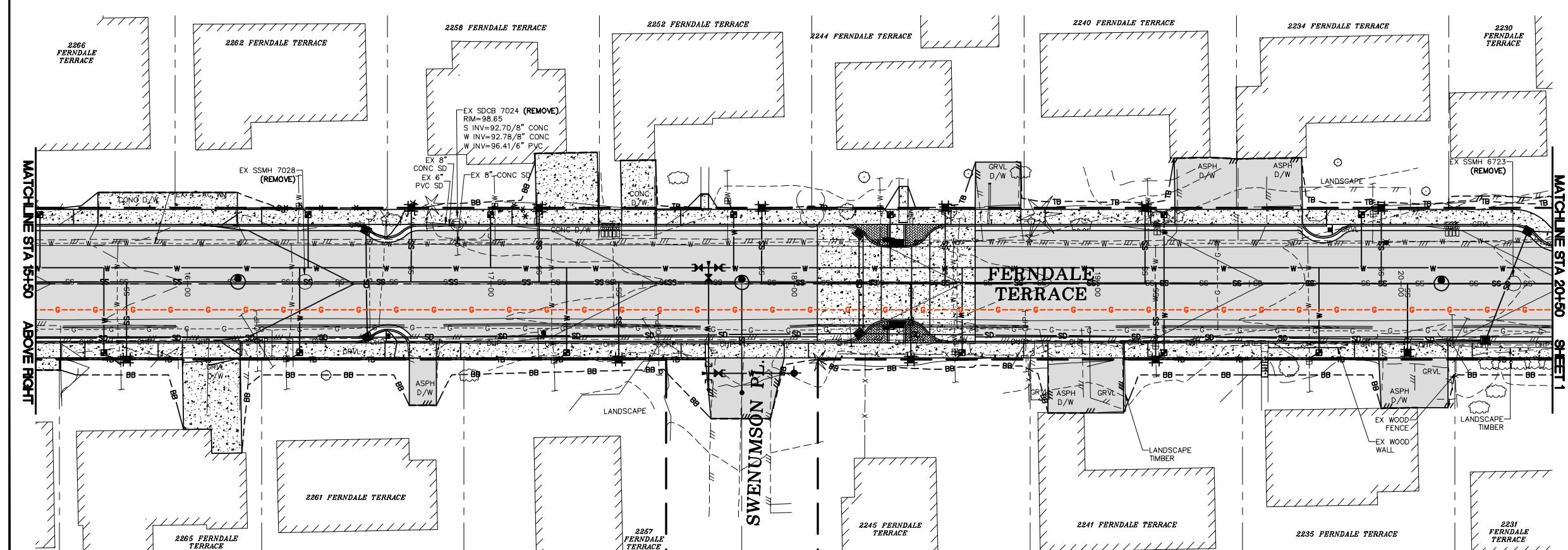
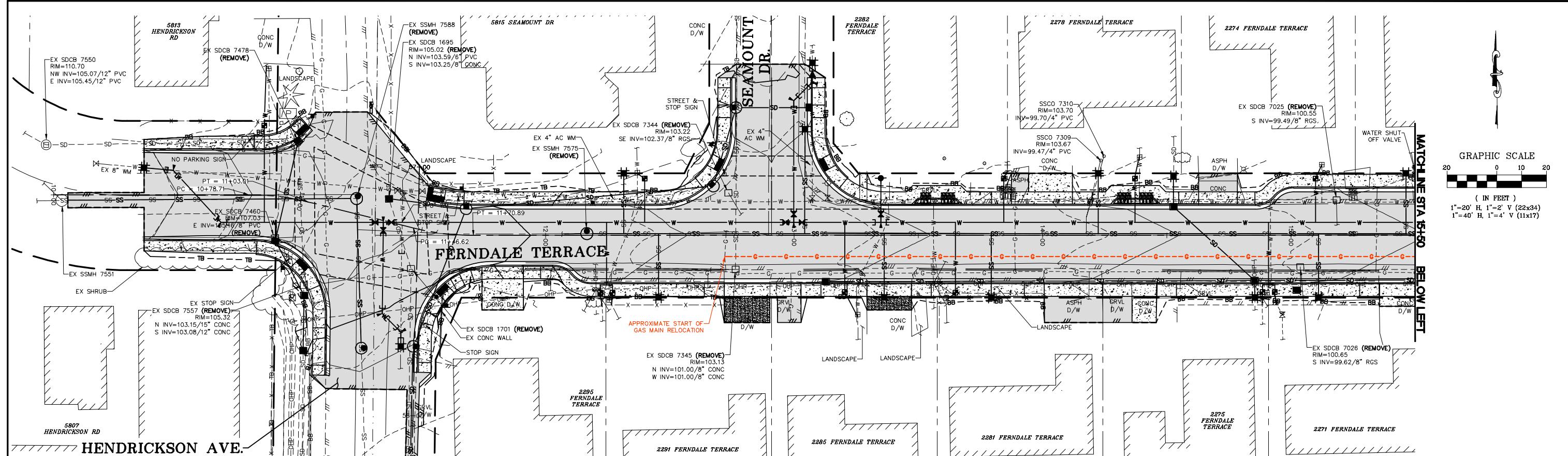
DWG 18023 GRADE	
JOB#	18023

A circular seal for Louis Ponce, Professional Engineer. The outer ring contains the text "Luis Ponce", "STATE OF WASHINGTON", and "PROFESSIONAL ENGINEER" at the bottom. The center features a profile of a person holding a compass and a square, with the number "36378" below it.









EXHIBIT

DESIGNE
GS
DRAWN
GS
CHECKED

D BY
/LMH
BY
/LMH
D BY
LP

R&E **Reichhardt & E**
ENGINEERING INC
P.O. Box 978 | 423 Front Street
Lynden, WA 98264 (360) 354-3687

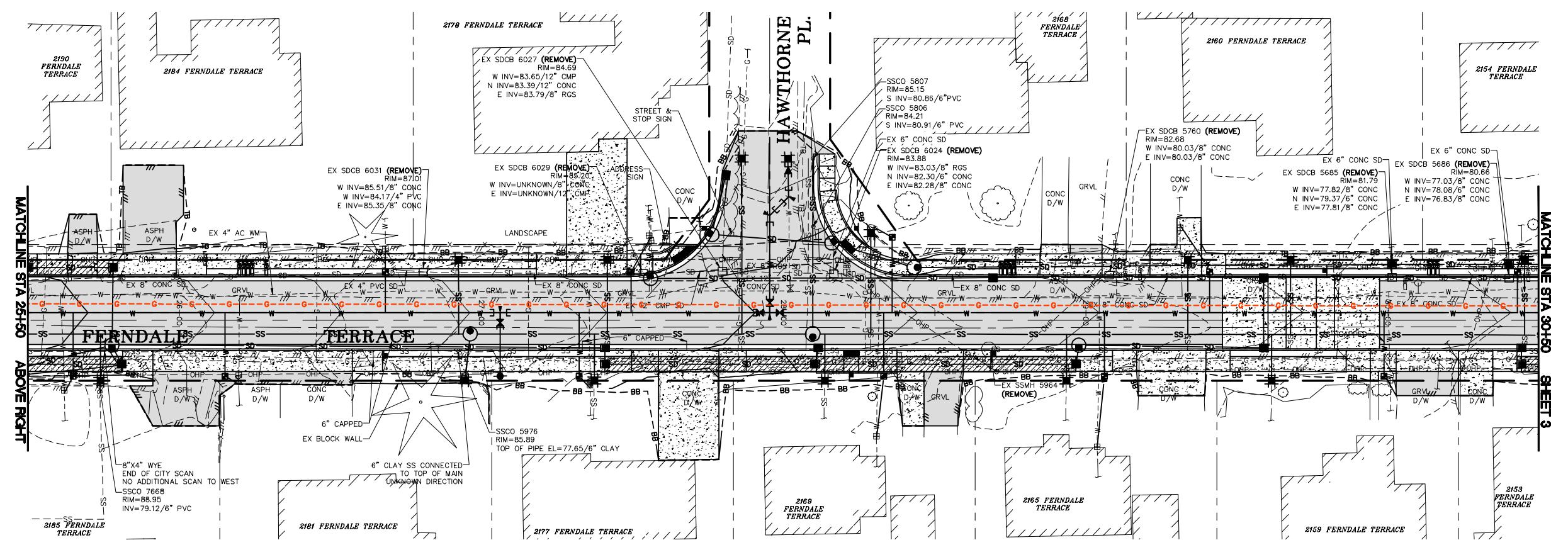
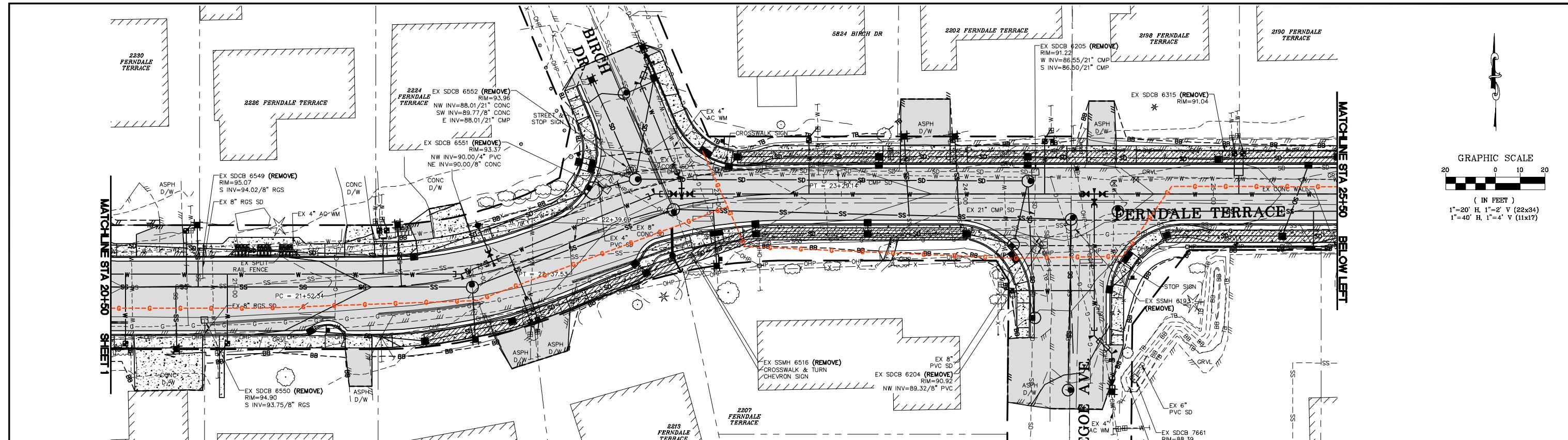
NO.	DATE	DESCRIPTION
-----	------	-------------

**CITY OF FERNDALE
2095 MAIN ST
FERNDALE, WA 98248**

**FERNDALE TERRACE PROJECT
VISTA DRIVE TO HENDRICKSON AVENUE
PROPOSED CNQ RELOCATION PLAN - STA 10+00 TO 20+50**

DWG 18023 GAS
JOB#
18023

1/17/25
SHEET 1
of 3



LEGEND

— PROPOSED RELOCATED GAS MAIN LOCATION
— GAS SERVICES TO BE REPLACED AS NECESSARY

NOTE:
 1. RELOCATION TO OCCUR PRIOR TO START OF CITY WORK.
 2. LOCATION OF RELOCATED GAS MAIN IS APPROXIMATE.
 3. CITY TO OBTAIN AS-BUILT INFORMATION.
 4. CONTRACTOR TO VERIFY AS-BUILT LOCATION OF GAS AS NECESSARY TO PROCEED WITH WORK.

EXHIBIT

DESIGNED BY
GS/LMH
DRAWN BY
GS/LMH
CHECKED BY
LP

R&E Reichhardt & Ebe
ENGINEERING INC
P.O. Box 978 | 423 Front Street
Lynden, WA 98264 (360) 354-3687

NO.	DATE	DESCRIPTION	BY
-----	------	-------------	----

CITY OF FERNDALE
2095 MAIN ST
FERNDALE, WA 98248

FERNDALE TERRACE PROJECT
VISTA DRIVE TO HENDRICKSON AVENUE
PROPOSED CNG RELOCATION PLAN - STA 20+50 TO 30+50

DWG 18023 GAS
JOB# 18023
SCALE H: 1' - 20' V: 1' = 2'
SHEET 2 of 3

1/17/25

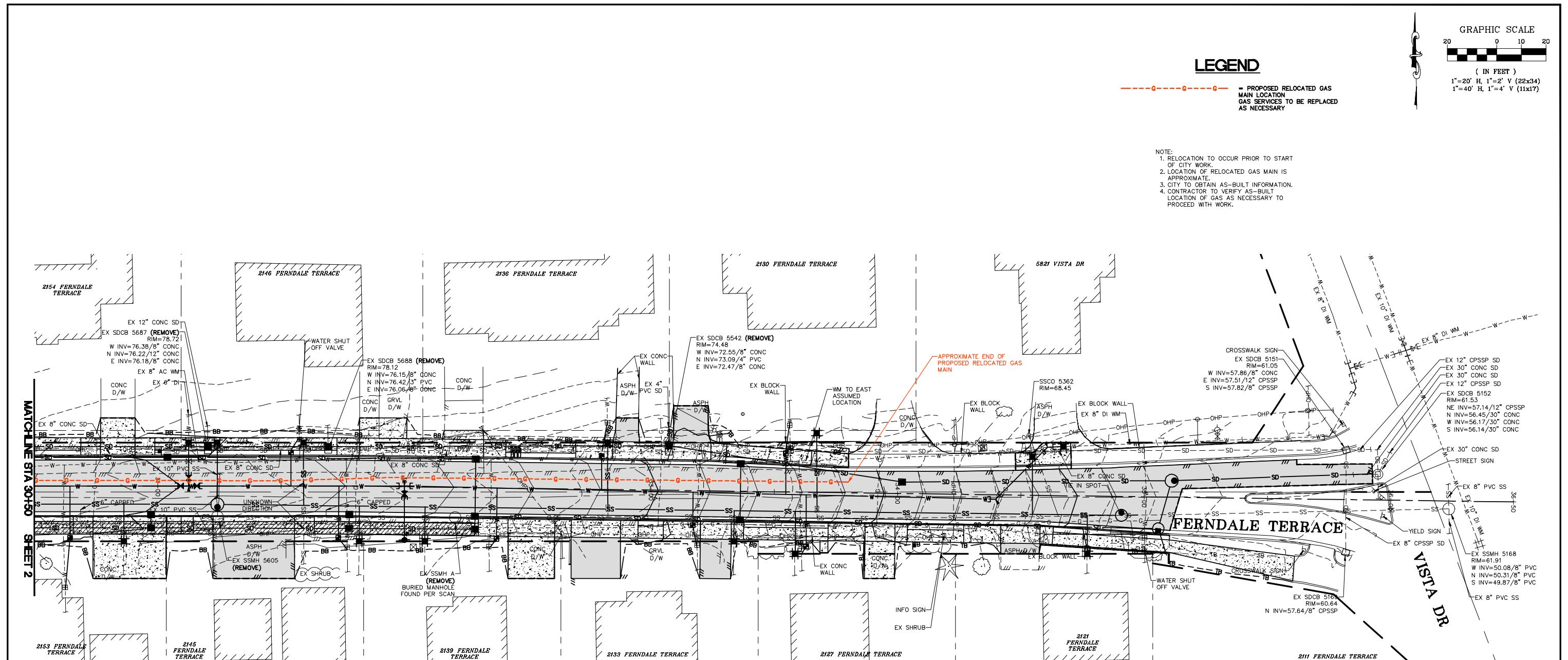


EXHIBIT	DESIGNED BY GS/LMH	 Reichhardt & Ebe ENGINEERING INC P.O. Box 978 423 Front Street Lynden, WA 98264 (360) 354-3687					CITY OF FERNDALE 2095 MAIN ST FERNDALE, WA 98248	FERNDALE TERRACE PROJECT VISTA DRIVE TO HENDRICKSON AVENUE PROPOSED CNG RELOCATION PLAN - STA 30+50 TO 36+50	DWG 18023 GAS	DATE 1/17/25
	DRAWN BY GS/LMH								JOB#	SCALE
	CHECKED BY J.P.								18023	H: 1' - 20' V: 1' = 2'
			NO.	DATE	DESCRIPTION	BY				

CITY OF FERNDALE

FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENTS

PSE CAPITAL PROJECT

101172075

GENERAL SPECIFICATIONS

Scope of Work
PSE to relocate/replace/install 29 (twenty-nine) poles in conjunction with City of Ferndale, Ferndale Terrace infrastructure improvement project from Hendrickson Ave to Vista Drive.

General

- All work is to be completed per PSE Standards & Practices. Copies of all PSE Standards are available upon request.
- Work sites shall be kept clear of debris and all construction materials; equipment and packing shall be removed daily.
- Return all unused and removed poles, transformers and hardware to PSE, storeroom. All copper shall be coiled and returned the day it is removed from the poles. Remove all unused pins and insulators.
- Return all streetlights, area lights and floodlights to Sumner yard.

Preconstruction

- Notify appropriate city, County or DOT authorities 48 to 72 hours, or as required by permitting agency, in advance of starting work in Right-of-way involving a Permit.
- All system switching shall be approved by **System Operations (425-882-4652)** a minimum of 48 hours in advance.
- Notify customers of all outages 48 hours in advance.

Work Drawings & Documents

- Field design changes shall be approved by PSE Project Manager or Engineer.
- Mark all field changes, equipment ID numbers and Underground cable information in red on Foreman's copy of worksketch.
- Return one Foreman's copy of worksketch to Project Manager at completion of job.
- When permits are required, a copy shall be available on work site at all times.

Safety

- Refer to PSE standards 6275.3000 and 6275.6000 for system ground requirements.
- Refer to PSE standards 6275.9050 for personal protective grounding requirements.
- Refer to PSE standards 6275.9150 for vehicle grounding and barricading requirements.
- Proper line clearances shall be taken at the beginning, and released at the end, of each work day, or as otherwise instructed by the System Operator.
- Provide signs, barricades, and traffic control in conformance with permit regulations.
- Utilize flagging and other vehicle traffic control as necessary and in conformance with local traffic regulations.
- Maintain traffic flow as required by permitting agency.

Erosion & Sediment Control

- Refer to PSE standards 0150.3200 for minimum requirements.
- Comply with all requirements of permitting agency.
- Installed erosion & sediment devices shall be maintained until vegetation has been re-established or disturbed soil has been otherwise permanently stabilized.

Joint Facilities

- Coordinate with Communication Companies for transfers.

OVERHEAD CONSTRUCTION

Poles & Structures

- Poles are to be installed or relocated as staked. Unless otherwise noted, all pole location measurements are from the center of the pole.
- All new poles set shall be the class indicated on the sketch, or better. Do not set a lower class pole than specified.
- Install ground plate assembly on all new poles. Install Switch Ground Assembly per standard specification 6014.1000 at new gang operated switch locations.
- Install grid numbers on all new and existing poles as shown on sketch.
- Straighten existing poles as indicated or as necessary.
- Treat all field-drilled poles with copper naphthalene wood preservative.
- Remove old poles after communication companies have transferred off and return to PSE storeroom. Fill and crown pole holes and restore area similar to adjacent landscaping.

Conductors & Equipment

- Transfer all overhead and underground primary, secondary and service conductors and guys to new poles set, unless otherwise indicated on this sketch.
- Transfer existing transformers to new poles unless otherwise indicated on this sketch.
- Use stirrups to connect all overhead and underground primary taps, and all transformers. Install at all sites being worked within the scope of the project where they are currently missing.
- Use 397 AAC and Ampact connectors for all bare conductor feeder jumpers and 600 amp switch jumpers. Install tree wire conductor for jumpers on all poles that are double deadended with tree wire.
- Apply grit inhibitor on all Ampact, stirrup, and dead-end connections.
- Connect primary taps and transformers to same phase as existing unless otherwise shown on the drawing.
- All neutral connections to be made with solid compression connectors. Connect all pole grounds to common neutral.
- Use Load-interrupter cutouts (with arc shields) on all primary overhead and underground taps with fused protection above 40T.
- Install Wildlife Protectors on all transformers.

UNDERGROUND CONSTRUCTION

Excavation

- Trenching outside of the Right-of-way shall be of sufficient depth to provide a minimum of 36" of cover for primary conductors and 24" of cover for secondary conductors.
- Road crossings and all trenches within the Right-of-way shall be of sufficient depth to provide a minimum of 36" of cover for all conductors or as required by the permitting Agency.
- All conductors/conduits shall have a minimum of 3" of bed and 3" of clean sand cover.
- No rocks larger than 6" shall be included in backfill.
- Backfill in road crossings and within the Right-of-way shall be compacted to 95% density or as required by the permitting Agency.
- Restore all excavated areas to original condition.
- If four or more six inch conduits are installed in a trench, fluidized thermal backfill (FTB) shall be installed around the conduits to a depth of six inches above and to the sides of the conduit, and two inches underneath, per PSE Standard 6790.0140.

Vaults & Handholes

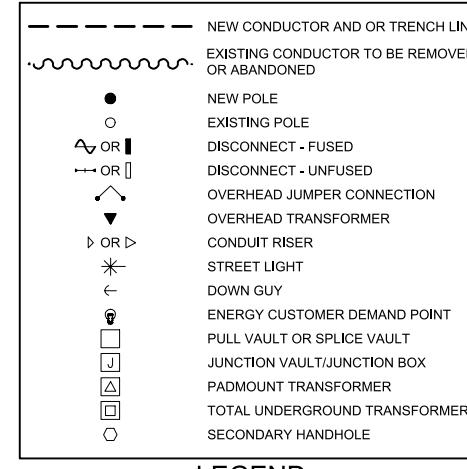
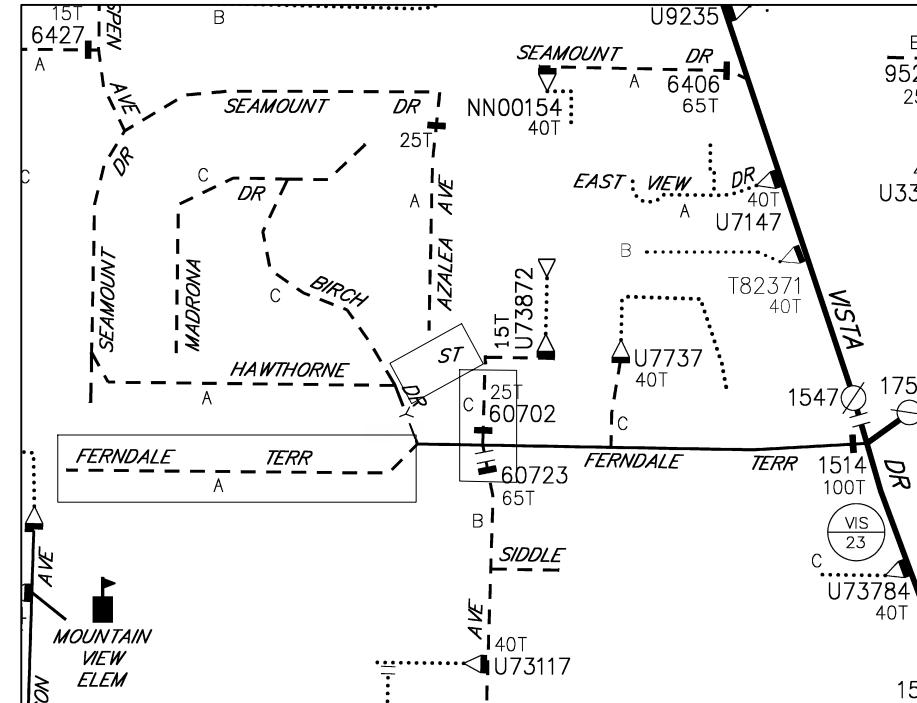
- Refer to PSE standard 6775.0040 "Vault and Handhole Installation"
- Vaults shall be placed level and 2" above final grade in landscaped areas and flush with final grade when placed in hard surface areas.
- A minimum 6" bed of 5/8" crushed rock shall be placed under all vaults.
- All conduit entrances shall be grouted.

Conductors & Conduit

- Refer to PSE standard 6800.6000 "PVC Conduit Installation".
- Unless splices are called for, or otherwise noted or approved, conduit risers shall be plumbed directly to road crossing conduits.
- Install insulating caps on all unused primary bushings.
- All "spare" conduits shall be capped at each end.

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.)



LEGEND

Google Map
48.852479, -122.601506

FOREMAN (CHECK BOX WHEN COMPLETED)		
<input type="checkbox"/> PSE Equipment LOCKED/SECURED & Work Area left in CLEAN/SAFE Condition. <input type="checkbox"/> Grid, Cable, and Switch numbers INSTALLED & VERIFIED. <input type="checkbox"/> Field Changes RED-LINED on As-built. <input type="checkbox"/> All equipment and facilities are in correct location based on Paperwork. <input type="checkbox"/> Total PRIMARY Cable noted on As-built. <input type="checkbox"/> Company ID#s RECORDED in correct location on As-built. <input type="checkbox"/> Indicate correct FUSE SIZE on As-built & VERIFY proper PHASE. <input type="checkbox"/> Deviations noted on the As-built and their reason.		
Foreman's Signature _____ Print Name _____ Date _____		



Owner / Developer Contact Info		
CITY OF FERNDALE 2095 MAIN STREET FERNDALE, WA 98248 ATTN: KATY RADDER 360-685-2377 office		

For contacts below dial 1-888-CALL PSE (225-5773)

CALL 811 TWO BUSINESS DAYS BEFORE YOU DIG

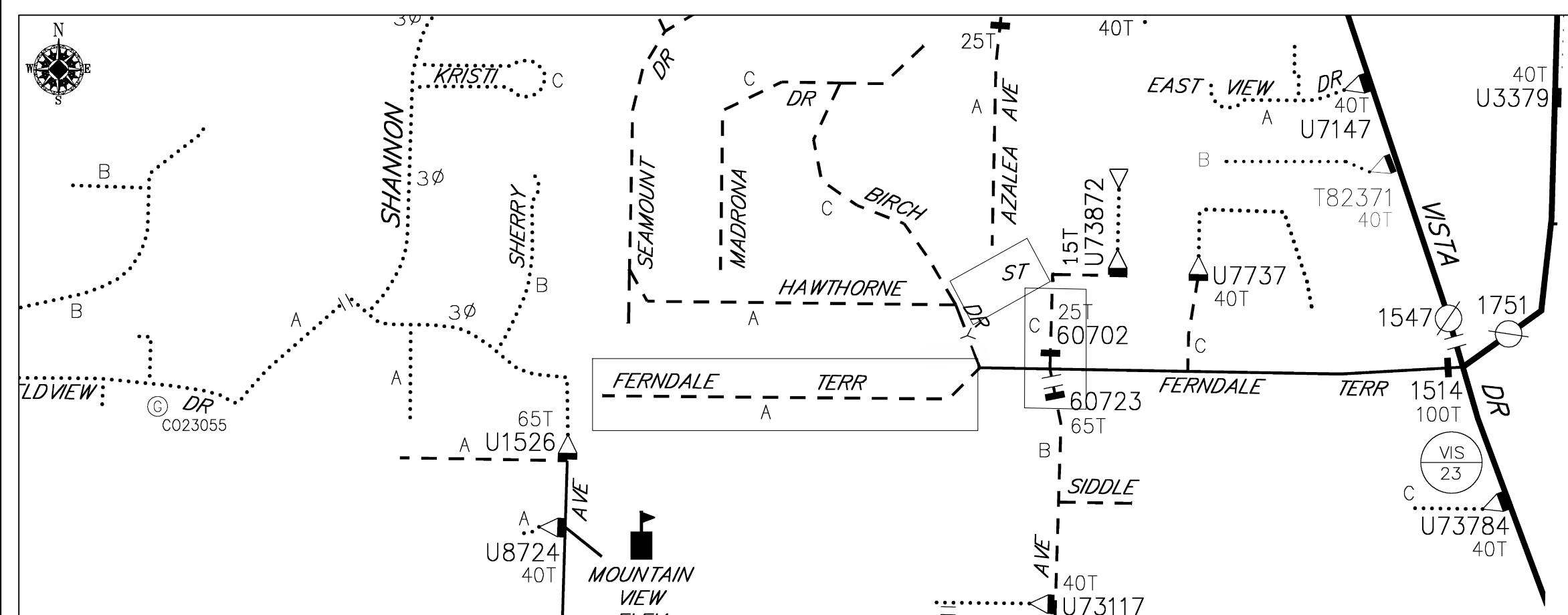
THIS SKETCH NOT TO BE RELIED UPON FOR EXACT LOCATION OF EXISTING FACILITIES

REAL ESTATE/EASEMENT			PERMIT	
RW-133686			FERNDALE	
FUNCTION	CONTACT	PHONE NO	DATE	
3				
2				
1				
REV#	DATE	BY	DESCRIPTION	
COUNTY	Emer Sect	Gas Wk Ctr	POWER WK CTR	
WHATCOM	N/A	N/A	CSPEPI	
1/4 SEC	OP MAP		PLAT MAP	
T40N R2E S19	N/A		APPROVED BY	
A3902E075	OH CKT MAP	UG CKT MAP	FOREMAN #1	
A3902E075	D3902E080	R3902E075	FOREMAN #2	
JOINT FACILITIES ARRANGEMENTS				
UTILITIES	ZIPLY	COMCAST	ASTOUND	N/A
CONTACT	MIKE MERRILL	KEN BRIDGES	JEREMIAH STRAND	N/A
PHONE#	615-719-0199	253-278-4268	360-500-9011	N/A
INCIDENT	MAOP			
Gas Order	N/A			
SCALE	PAGE			
101172075				



CITY OF FERNDALE
FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT
2295 FERNDALE TERRACE, FERNDALE WA

INCIDENT
MAOP
N/A
Gas Order
N/A
Elect Order
101172075
SCALE
PAGE
AS NOTED
1/24

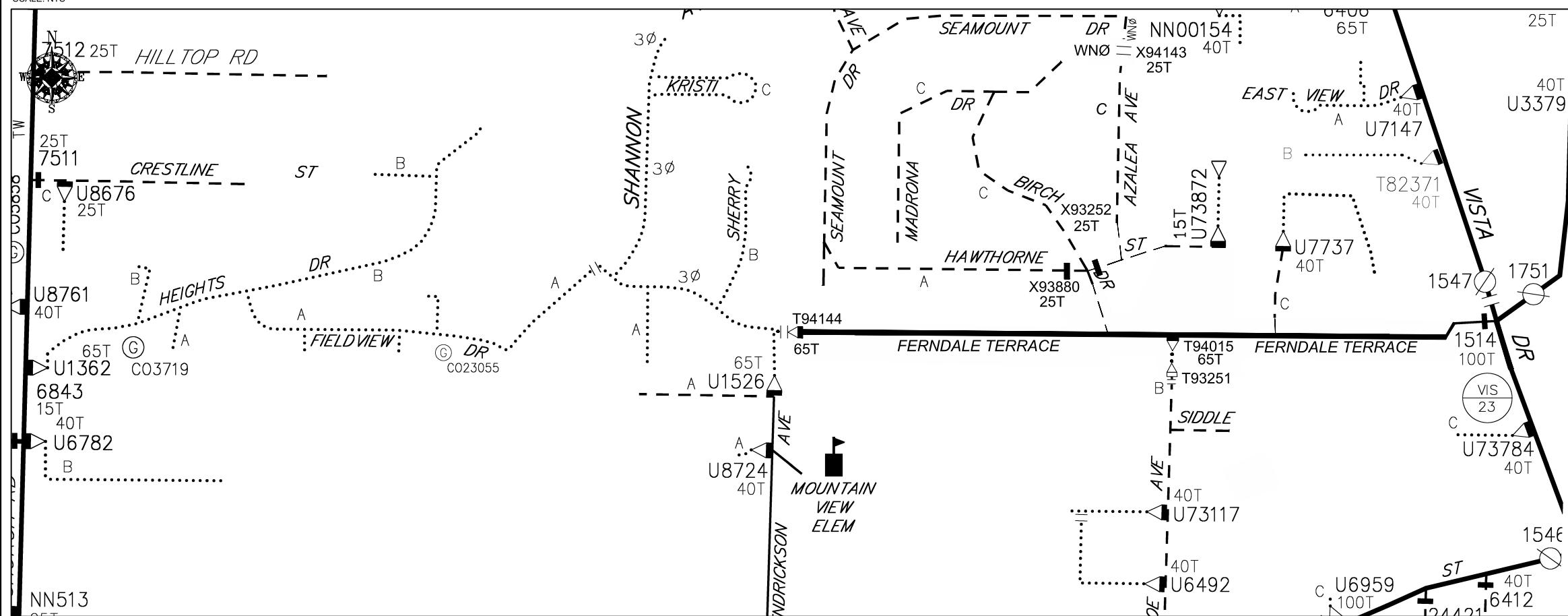


OVERHEAD CIRCUIT MAP BEFORE

SCALE: NTS

OVERHEAD CIRCUIT MAP AFTER

SCALE: NTS



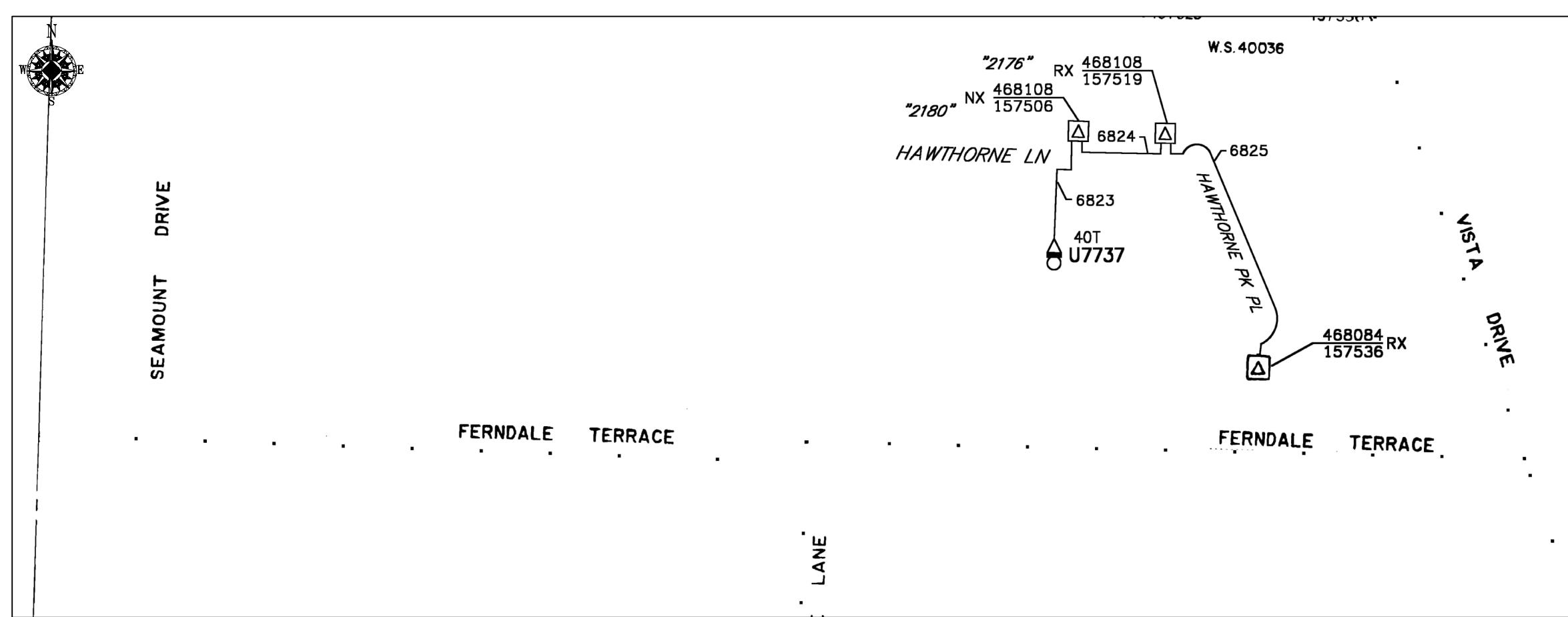
				REAL ESTATE/EASEMENT RW-133686	PERMIT FERNDALE		
REV#	DATE	BY	DESCRIPTION	FUNCTION	CONTACT	PHONE NO	DATE
3				PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
2				ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
1				ENGR - GAS	N/A	N/A	N/A
COUNTY	Emer Sect	Gas Wk Ctr	POWER WK CTR	DRAWN BY	JOHN HATHAWAY	360-201-1340	1/10/25
WHATCOM	N/A	N/A	CSPFPI	CHECKED BY	<i>McSweeney</i>	360-941-2007	1/10/25
1/4 SEC	OP MAP		PLAT MAP	APPROVED BY	JANE MAJOR	360-791-2748	1/10/25
T40N R2E S19	N/A		N/A	FOREMAN #1			
U-MAP NO (POWER)	OH CKT MAP	UG CKT MAP	CIRCUIT NO	FOREMAN #2			
A3902E075	D3902E080	R3902E075	VS-23	MAPPING			
JOINT FACILITIES ARRANGEMENTS							
UTILITIES	ZIPLY	COMCAST	ASTOUND	N/A			
CONTACT	MIKE MERRILL	KEN BRIDGES	JEREMAH STRAND	N/A			
PHONE#	615-719-0199	253-278-4268	360-500-9011	N/A			
 PSI PUGET SOUND ENERGY	INCIDENT N/A	MAOP N/A					
	Gas Order N/A	Elect Order 101172075					
	SCALE AS NOTED	PAGE 2/24					
CITY OF FERNDALE FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT 2295 FERNDALE TERRACE, FERNDALE WA							



CITY OF FERNDALE
FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT
2295 FERNDALE TERRACE, FERNDALE WA

CITY OF FERNDALE FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT

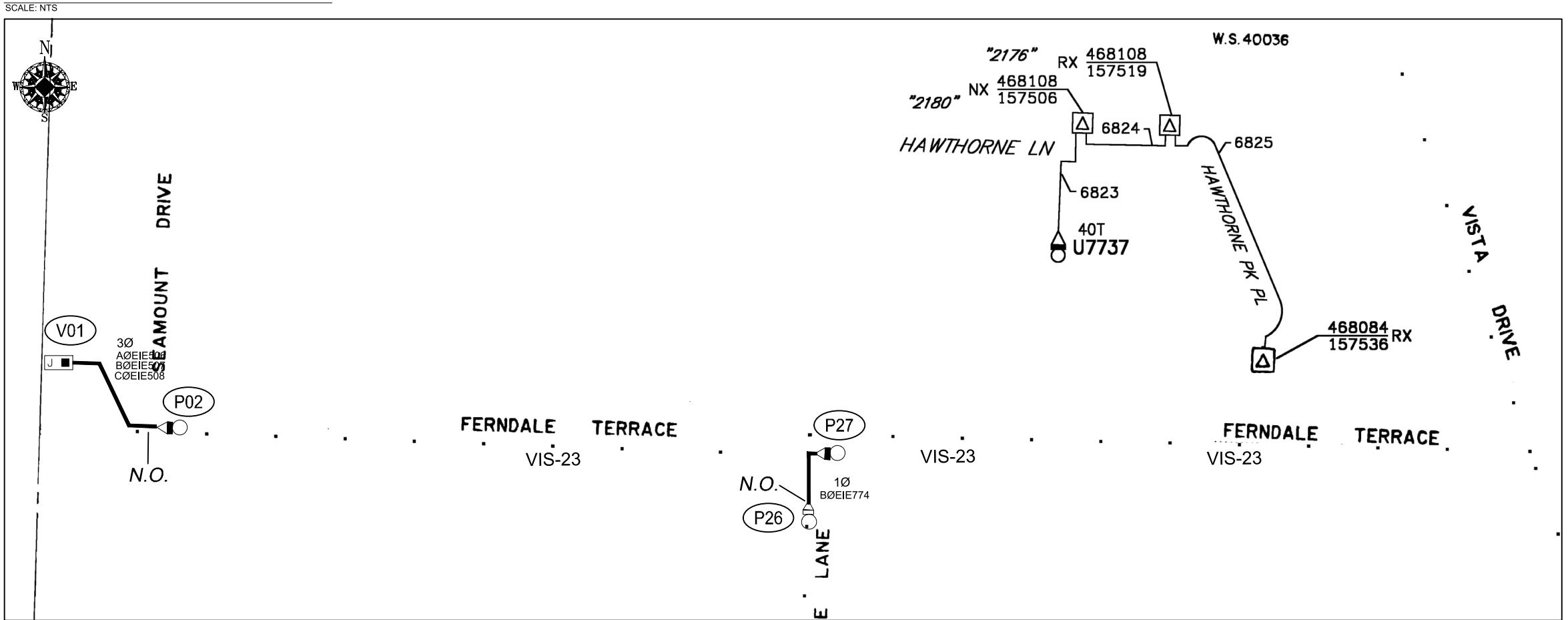
INCIDENT N/A	MAOP N/A
Gas Order N/A	Elect Order 101172075
SCALE AS NOTED	PAGE 2/24



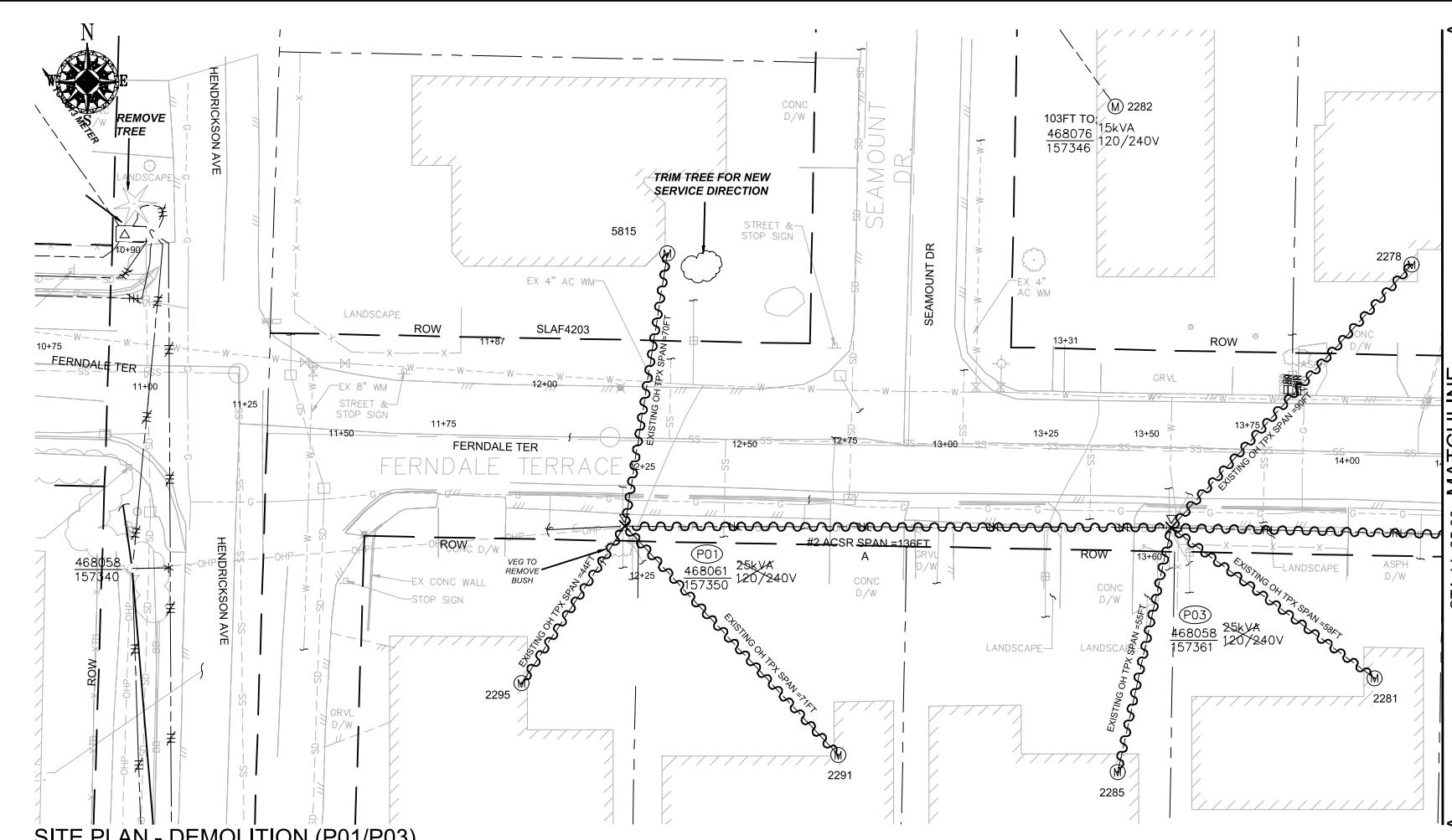
UNDERGROUND CIRCUIT MAP BEFORE

SCALE: NTS

UNDERGROUND CIRCUIT MAP AFTER



REAL ESTATE/EASEMENT			PERMIT	
RW-133686			FERNDALE	
FUNCTION	CONTACT	PHONE NO	DATE	
PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25	
ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25	
WHATCOM	N/A	N/A		
POWER WK CTR	CSPEPI			
CHECKED BY				
DRAWN BY	JOHN HATHAWAY	360-201-1340	1/10/25	
OP MAP	PLAT MAP			
APPROVED BY	JANE MAJOR	360-941-2007	1/10/25	
FOREMAN #1				
FOREMAN #2				
FOREMAN #3				
FOREMAN #4				
FOREMAN #5				
FOREMAN #6				
FOREMAN #7				
FOREMAN #8				
FOREMAN #9				
FOREMAN #10				
FOREMAN #11				
FOREMAN #12				
FOREMAN #13				
FOREMAN #14				
FOREMAN #15				
FOREMAN #16				
FOREMAN #17				
FOREMAN #18				
FOREMAN #19				
FOREMAN #20				
FOREMAN #21				
FOREMAN #22				
FOREMAN #23				
FOREMAN #24				
FOREMAN #25				
FOREMAN #26				
FOREMAN #27				
FOREMAN #28				
FOREMAN #29				
FOREMAN #30				
FOREMAN #31				
FOREMAN #32				
FOREMAN #33				
FOREMAN #34				
FOREMAN #35				
FOREMAN #36				
FOREMAN #37				
FOREMAN #38				
FOREMAN #39				
FOREMAN #40				
FOREMAN #41				
FOREMAN #42				
FOREMAN #43				
FOREMAN #44				
FOREMAN #45				
FOREMAN #46				
FOREMAN #47				
FOREMAN #48				
FOREMAN #49				
FOREMAN #50				
FOREMAN #51				
FOREMAN #52				
FOREMAN #53				
FOREMAN #54				
FOREMAN #55				
FOREMAN #56				
FOREMAN #57				
FOREMAN #58				
FOREMAN #59				
FOREMAN #60				
FOREMAN #61				
FOREMAN #62				
FOREMAN #63				
FOREMAN #64				
FOREMAN #65				
FOREMAN #66				
FOREMAN #67				
FOREMAN #68				
FOREMAN #69				
FOREMAN #70				
FOREMAN #71				
FOREMAN #72				
FOREMAN #73				
FOREMAN #74				
FOREMAN #75				
FOREMAN #76				
FOREMAN #77				
FOREMAN #78				
FOREMAN #79				
FOREMAN #80				
FOREMAN #81				
FOREMAN #82				
FOREMAN #83				
FOREMAN #84				
FOREMAN #85				
FOREMAN #86				
FOREMAN #87				
FOREMAN #88				
FOREMAN #89				
FOREMAN #90				
FOREMAN #91				
FOREMAN #92				
FOREMAN #93				
FOREMAN #94				
FOREMAN #95				
FOREMAN #96				
FOREMAN #97				
FOREMAN #98				
FOREMAN #99				
FOREMAN #100				
FOREMAN #101				
FOREMAN #102				
FOREMAN #103				
FOREMAN #104				
FOREMAN #105				
FOREMAN #106				
FOREMAN #107				
FOREMAN #108				
FOREMAN #109				
FOREMAN #110				
FOREMAN #111				
FOREMAN #112				
FOREMAN #113				
FOREMAN #114				
FOREMAN #115				
FOREMAN #116				
FOREMAN #117				
FOREMAN #118				
FOREMAN #119				
FOREMAN #120				
FOREMAN #121				
FOREMAN #122				
FOREMAN #123				
FOREMAN #124				
FOREMAN #125				
FOREMAN #126				
FOREMAN #127				
FOREMAN #128				
FOREMAN #129				
FOREMAN #130				
FOREMAN #131				
FOREMAN #132				
FOREMAN #133				
FOREMAN #134				
FOREMAN #135				
FOREMAN #136				
FOREMAN #137				
FOREMAN #138				
FOREMAN #139				
FOREMAN #140				
FOREMAN #141				
FOREMAN #142				
FOREMAN #143				
FOREMAN #144				
FOREMAN #145				
FOREMAN #146				
FOREMAN #147				
FOREMAN #148				
FOREMAN #149				
FOREMAN #150				
FOREMAN #151				
FOREMAN #152				
FOREMAN #153				
FOREMAN #154				
FOREMAN #155				
FOREMAN #156				
FOREMAN #157				
FOREMAN #158				
FOREMAN #159				
FOREMAN #160				
FOREMAN #161				
FOREMAN #162				
FOREMAN #163				
FOREMAN #164				
FOREMAN #165				
FOREMAN #166				
FOREMAN #167				
FOREMAN #168				
FOREMAN #169				
FOREMAN #170				
FOREMAN #171				
FOREMAN #172				
FOREMAN #173				
FOREMAN #174				
FOREMAN #175				
FOREMAN #176				
FOREMAN #177				
FOREMAN #178				
FOREMAN #179				
FOREMAN #180				
FOREMAN #181				
FOREMAN #182				
FOREMAN #183				
FOREMAN #184				
FOREMAN #185				
FOREMAN #186				
FOREMAN #187				
FOREMAN #188				
FOREMAN #189				
FOREMAN #190				
FOREMAN #191				
FOREMAN #192				
FOREMAN #193				
FOREMAN #194				
FOREMAN #195				
FOREMAN #196				
FOREMAN #197				
FOREMAN #198				
FOREMAN #199				
FOREMAN #200				
FOREMAN #201				
FOREMAN #202				
FOREMAN #203				
FOREMAN #204				
FOREMAN #205				
FOREMAN #206				
FOREMAN #207				
FOREMAN #208				
FOREMAN #209				
FOREMAN #210				
FOREMAN #211				



SITE PLAN - DEMOLITION (P01/P03)

SCALE: 1" = 20'

SITE #	POLE DATA				POLE		TEMP TRANSFERS			ST. LIGHT TRANSFERS		
	GRID #	HEIGHT	CLASS	YEAR	TOPPED	RMVD	TEL	TV	FIBER	TRAN	RMVD	ID NUMBER
P01	468061-157350	45FT	3	1980	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SLAF4203				
P03	468058-157361	45FT	3	1981	<input type="checkbox"/>	<input type="checkbox"/>						

WIRE REMOVAL TABLE						
LOCATION		WIRE SIZE & TYPE	QUANTITY	LENGTH (FT PER CONDUCTOR)	TOTAL LENGTH	
FROM	TO				REMARKS	
P01	P03	#2 ACSR PRI & NEUT	2	136	272	A PHASE
P01	S/A 2291	EXISTING OH TPX	1	71	71	
P01	S/A 2295	EXISTING OH TPX	1	44	44	
P01	S/A 5815	EXISTING OH TPX	1	70	70	
P03	S/A 2278	EXISTING OH TPX	1	90	90	
P03	S/A 2281	EXISTING OH TPX	1	58	58	
P03	S/A 2285	EXISTING OH TPX	1	55	55	
TOTAL FEET #2 ACSR PRI & NEUT			272	ACTUAL_____	REMOVED	
TOTAL FEET EXISTING OH TPX			388	ACTUAL_____	REMOVED	

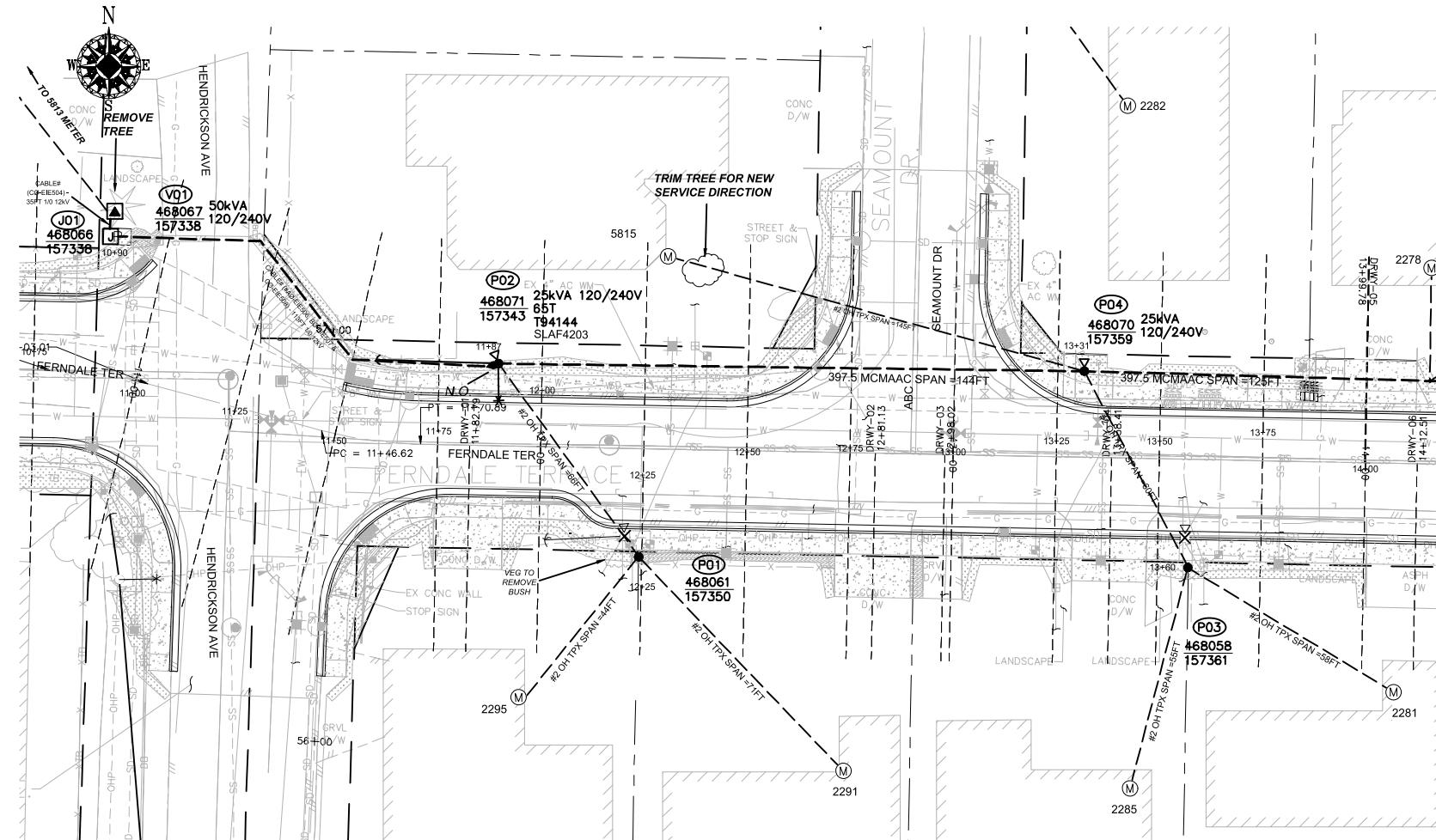
TRANSFORMER REMOVAL
Installed at site: P01
Grid Number: 468061-157350
kVA Rating: 25kVA

Foreman to redline the following information
Company ID#: _____
Primary phase connected to: _____
Tested Secondary Voltage: 1

TRANSFORMER REMOVAL
Installed at site: P03
Grid Number: 468058-157361
kVA Rating: 25kVA

Foreman to redline the following information
Company ID#: _____
Primary phase connected to: _____
Tested Secondary Voltage: 1

REAL ESTATE/EASEMENT		PERMIT	
RW-133686		FERNDALE	
FUNCTION	CONTACT	PHONE NO	DATE
PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
COUNTY	Emer Sect	Gas Wk Ctr	POWER WK CTR
WHATCOM	N/A	N/A	CSPPEPI
1/4 SEC	OP MAP	PLAT MAP	CHECKED BY
T40N R2E S19	N/A	N/A	JOHN HATHAWAY
U-MAP NO (POWER)	OH CKT MAP	UG CKT MAP	APPROVED BY
A3902E075	D3902E080	R3902E075	JANE MAJOR
PHONE#	615-719-0199	253-278-4268	360-500-9011
JOINT FACILITIES ARRANGEMENTS			
UTILITIES	ZIPLY	COMCAST	ASTOUND
CONTACT	MIKE MERRILL	KEN BRIDGES	JEREMIAH STRAND
PHONE#	N/A	N/A	N/A
INCIDENT	MAOP		
Gas Order	N/A		
PHONE#	Elect Order		
SCALE	4/24		
AS NOTED	4/24		



SITE PLAN - NEW FACILITIES (P01-P04)

SCALE: 1" = 20'

POLE TABLE (NEW)

SITE	POLE DATA			
	GRID #	HEIGHT	CLASS	YEAR
P01	468061-157350	35FT	3	
P02	468071-157343	45FT	1	
P03	468058-157361	35FT	3	
P04	468070-157359	45FT	1	

TRANSFORMER INSTALLATION

Installed at site: **P02**
 Grid Number: **468071-157343**
 KVA Rating: **25kVA**
 Material ID#: **6211250**

Foreman to redline the following information

Company ID#: _____
 Primary phase connected to: _____
 Tested Secondary Voltage: **/**

TRANSFORMER INSTALLATION

Installed at site: **P04**
 Grid Number: **468070-157359**
 KVA Rating: **25kVA**
 Material ID#: **6211250**

Foreman to redline the following information

Company ID#: _____
 Primary phase connected to: _____
 Tested Secondary Voltage: **/**

PRIMARY CABLE & CONDUIT TABLE

LOCATION	CONDUIT				CABLE				ASBUILT INFORMATION - FOREMAN COMPLETE										LUBRICANT (Gal.)					
	FROM	TO	SIZE (IN)	QTY.	DESIGN LENGTH (FT)	90°	45°	22°	11°	PULL (LBS)	PULL REV (LBS)	CABLE SIZE	DESIGN LENGTH (FT)	PHASE - ID TAG	RECORD			RECORD PHASE TAPPED & ACTUAL FOOTAGE INSTALLED			LUBRICANT (Gal.)			
														A	B	C	MANUFACTURER	COMPOUND	YEAR	NOTES	CONDUIT	CABLE	EST.	ACTUAL
V01	P02		4	1	113	2	2	-	-	158	76	1/0 AL JKT	163	EIE506	EIE507	EIE508				-				
V01	J01		2	1	5	-	-			21	21	1/0 AL JKT	35	-	-	-	EIE504							

4" PVC (FT) & BENDS = 113 2 2 0 0 1/0 AL JKT TOTAL (FT) = 163

SITE SPECIFIC NOTES

J01: GRID# 468066-157338

WO# 101172075
 INSTALL (REPLACE) LID - MID# 7655900 (2-3' SQ DOORS)
 INSTALL 4 NEW J-BOXES (MID# 7625900)
 INSTALL 3 NEW 1/0 ELBOWS (ELB10J) AS PER STD 6041.1000
 REMOVE EXISTING COMBO VAULT LID
 REMOVE 50 KVA TRANSFORMER

(UNIT 2-60 X1)
(UNIT 2-44 X1)
(UNIT 2-57 X1)

V01: GRID# 468067-157338

WO# 101172075
 INSTALL MP HH 15KV 50KVA (MINU1SL) AS PER STD 6045.1010
 INSTALL (REPLACE) 50KVA PADMOUNT TFMR (MID# 9995529)
 INSTALL 1/0 ELBOW (ELB10J) AS PER STD 6041.1000
 INSTALL DUST CAP (MID# 7630600)

(UNIT 2-60 X1)
(UNIT 2-44 X1)
(UNIT 2-57 X1)

V01 TO J01:

WO# 101172075
 TRENCH & INSTALL NEW 2" DB120 CONDUIT APPROX. 5FT (ACTUAL = ____ FT)
 INSTALL NEW 12KV 1-PHASE 1/0 CABLE APPROX. 35FT (ACTUAL = ____ FT)
 INSTALL CABLE TAGS #C0-EIE504

(UNIT 2-36 X 5FT) (UNIT 2-49 X 5FT)
(UNIT 2-56 X 35FT)

J01 TO P02:

WO# 101172075
 TRENCH & INSTALL NEW 4" SCH80 CONDUIT APPROX. 113FT (ACTUAL = ____ FT)
 INSTALL NEW 12KV 3-PHASE 1/0 CABLE APPROX. 163FT (ACTUAL = ____ FT)
 INSTALL CABLE TAGS #A0-EIE506, B0-EIE507 & C0-EIE508

(UNIT 2-36 X 113FT) (UNIT 2-49 X 113FT)
(UNIT 2-56 X 163FT)

P01: EXISTING 1980 45FT CL3 GRID #468061-157350 (STA 12+24.00, L/A = N/A)

WO# 101172075
 INSTALL (REPLACE) 35FT CL3 (PD353) AS PER STD 6010.1000
 WO# 108159355
 REMOVE EXISTING 25KVA 120/240 OH XFMR
 REMOVE POLE STUB AFTER COMMUNICATION TRANSFERS HAVE BEEN COMPLETED
 ATTACHED UTILITIES: COMCAST & ZIPLY
 WO# 593260468
 TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2291 & 2295 FERNDALE TERR.
 INSTALL (TRANSFER) EXISTING STREET LIGHT (SLAF4203) TO NEW POLE P02

(UNIT 2-23 X1)
(UNIT 2-129 X1)
(UNIT 2-302 X1)
(UNIT 2-20A X1)

P01 TO P02:

WO# 101172075
 INSTALL #2 OH SEC TPX APPROX. 66FT (ACTUAL: ____ FT)

(UNIT 2-7 X1)

P02: NEW POLE 45FT CL1 GRID# 468071-157343 (STA 11+87.00, L/A = N/A)

WO# 101172075
 INSTALL (NEW) 45FT CL1 (PD451) AS PER STD 6010.1000
 INSTALL 3-PHASE DE 397 (DE3315) AS PER STD 6033.1042
 INSTALL 25KVA 7-120/240 OH XFMR (TRFNXF) FUSE @ 10T TAP B0 AS PER STD 6025.1000
 INSTALL TRIPLE HELIX ANCHOR 10"-12"-14" (ANDH3) AS PER STD 6012.1000 (LEAD = 30FT WEST)
 INSTALL PRIMARY GUY DBL 7/16" ANC W/AUTO GRIP (GYDD7SA) AS PER STD 6013.0100
 INSTALL NEUTRAL GUY 3/8" ANC W/AUTO GRIP (GYD7SAN) AS PER STD 6013.0100
 INSTALL 4" RISER ON SOB'S (RISRCSS) AS PER STD 6042.1000
 INSTALL 12KV 30 TERM, LB, ONE TRF (TSU1CW3T) AS PER STD 6043.1003
 NOTE: BUILD TERMS OVER THE TOP OF THE DE ARMS SIMILAR TO STD 6043.1020
 INSTALL CABLE TAGS #A0-EIE506, B0-EIE507 & C0-EIE508
 INSTALL SW# 794144 (65T)
 NOTE: NORMAL OPEN AT P02

(UNIT 2-24 X1)
(UNIT 1-8E X1)
(UNIT 2-45 X1)
(UNIT 2-57 X1)

P03: EXISTING 1981 45FT CL3 GRID #468058-157361 (STA 13+60.00, L/A = N/A)

WO# 101172075
 INSTALL (REPLACE) 35FT CL3 (PD353) AS PER STD 6010.1000
 WO# 108159355
 REMOVE EXISTING 25KVA 120/240 OH XFMR
 REMOVE POLE STUB AFTER COMMUNICATION TRANSFERS HAVE BEEN COMPLETED
 ATTACHED UTILITIES: COMCAST & ZIPLY
 WO# 593260468
 TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2281 & 2285 FERNDALE TERR.

(UNIT 2-23 X1)
(UNIT 2-129 X1)
(UNIT 3-3 X1)

P04: NEW POLE 45FT CL1 GRID# 468070-157359 (STA 13+31.00, L/A = 0°)

WO# 101172075
 INSTALL (NEW) 45FT CL1 (PD451) AS PER STD 6010.1000
 INSTALL 12 KV 3-PHASE TANGENT PTP 397 AAC (TAN13) AS PER STD 6033.1012
 INSTALL 25KVA 7-120/240 OH XFMR (TRFNXF) FUSE @ 10T AS PER STD 6025.1000
 WO# 593260468
 TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 5815 SEAMOUNT DR.

(UNIT 2-7 X1)
(UNIT 2-24 X1)
(UNIT 3-3 X1)

P04 TO P03:

WO# 101172075
 INSTALL #2 OH SEC TPX APPROX. 60FT (ACTUAL: ____ FT)

(UNIT 2-20A X1)

3

2

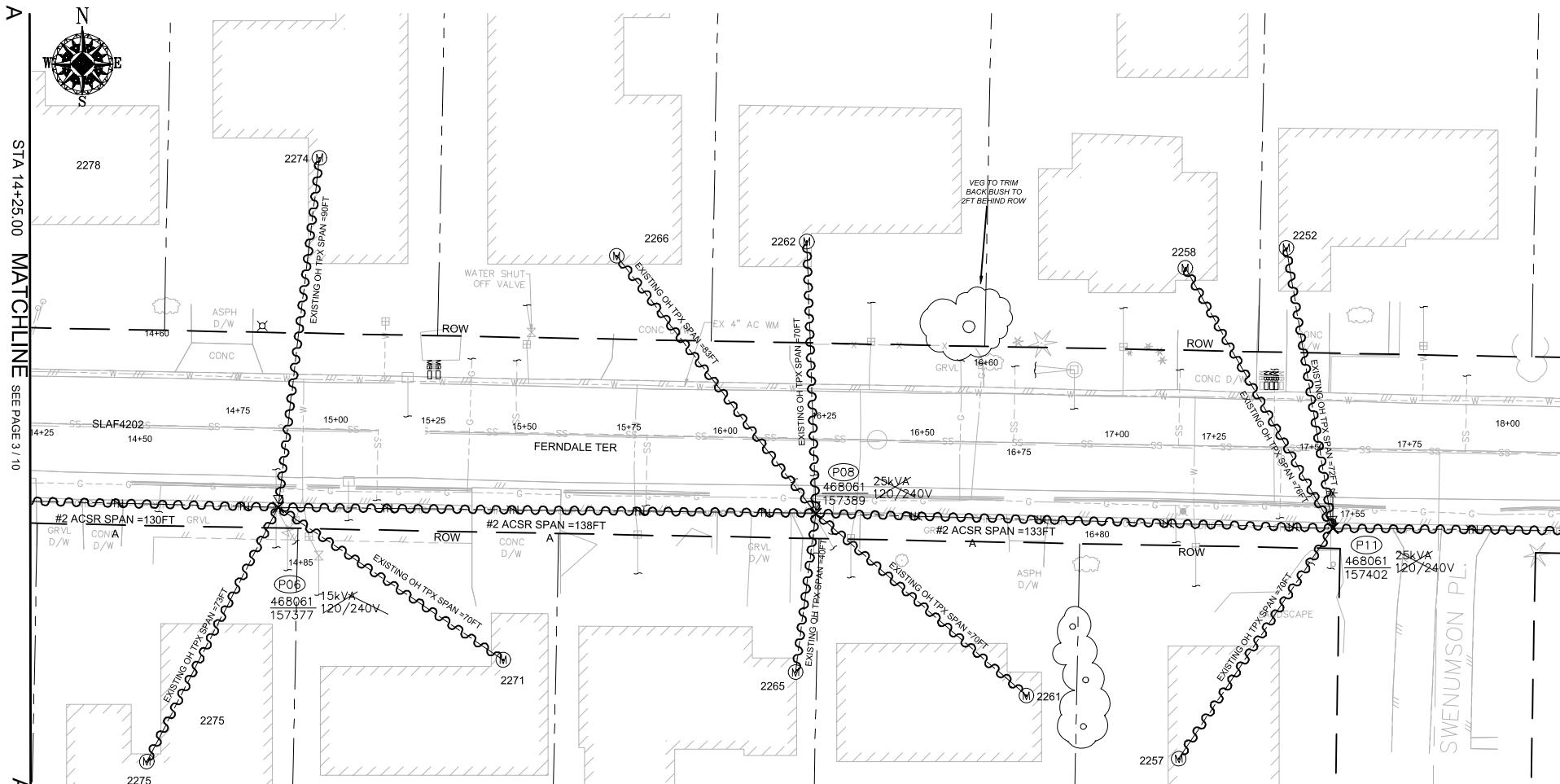
1

REV#

DATE

BY

DESCRIPTION



SITE PLAN - DEMOLITION (P06/P08/P11)

SCALE: 1" = 20'

SITE #	POLE DATA				POLE		TEMP TRANSFERS			ST. LIGHT TRANSFERS		
	GRID #	HEIGHT	CLASS	YEAR	TOPPED	RMVD	TEL	TV	FIBER	TRAN	RMVD	ID NUMBER
P06	468061-157377	45FT	3	2003	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SLAF4202				
P08	468061-157389	45FT	3	1981	<input type="checkbox"/>	<input type="checkbox"/>						
P11	468061-157402	45FT	3	2003	<input type="checkbox"/>	<input type="checkbox"/>						

WIRE REMOVAL TABLE						
LOCATION		WIRE SIZE & TYPE	QUANTITY	LENGTH (FT PER CONDUCTOR)	TOTAL LENGTH	REMARKS
FROM	TO					
P03	P06	#2 ACSR PRI & NEUT	2	130	260	A PHASE
P06	P08	#2 ACSR PRI & NEUT	2	138	276	A PHASE
P06	S/A 2271	EXISTING OH TPX	1	70	70	
P06	S/A 2274	EXISTING OH TPX	1	90	90	
P06	S/A 2275	EXISTING OH TPX	1	73	73	
P08	S/A 2261	EXISTING OH TPX	1	70	70	
P08	S/A 2262	EXISTING OH TPX	1	70	70	
P08	S/A 2265	EXISTING OH TPX	1	40	40	
P08	S/A 2266	EXISTING OH TPX	1	83	83	
P08	P11	#2 ACSR PRI & NEUT	2	133	266	A PHASE
P11	S/A 2252	EXISTING OH TPX	1	72	72	
P11	S/A 2257	EXISTING OH TPX	1	70	70	
TOTAL FEET #2 ACSR PRI & NEUT				802	ACTUAL _____ REMOVED	
TOTAL FEET EXISTING OH TPX				714	ACTUAL _____ REMOVED	

TRANSFORMER REMOVAL
Installed at site: P06
Grid Number: 468061-157377
kVA Rating: 25kVA

Foreman to redline the following information
Company ID#: _____
Primary phase connected to: _____
Tested Secondary Voltage: 1

TRANSFORMER REMOVAL
Installed at site: P08
Grid Number: 468061-157389
kVA Rating: 25kVA

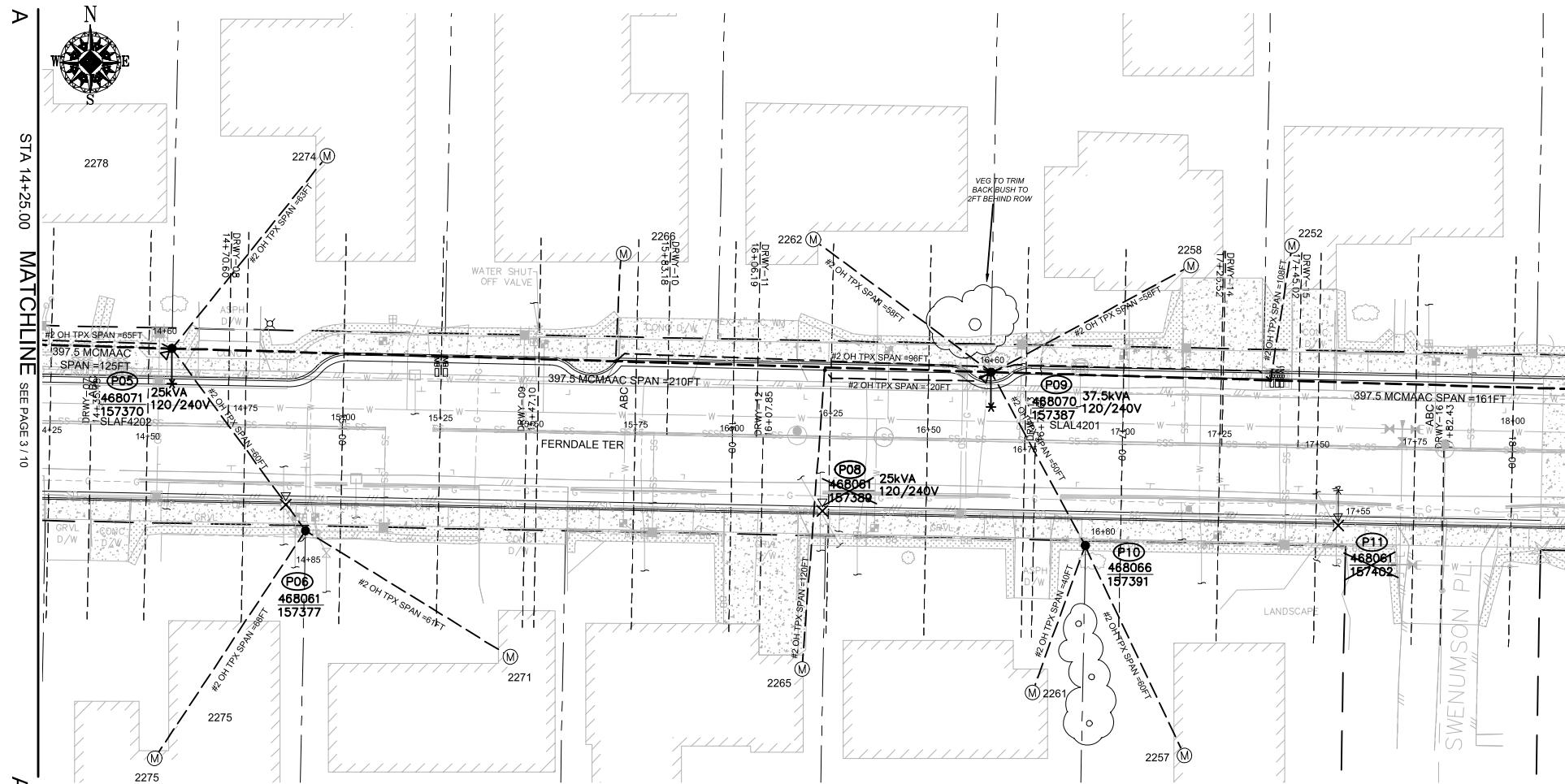
Foreman to redline the following information
Company ID#: _____
Primary phase connected to: _____
Tested Secondary Voltage: 1

TRANSFORMER REMOVAL
Installed at site: P11
Grid Number: 468061-157402
kVA Rating: 25kVA

Foreman to redline the following information
Company ID#: _____
Primary phase connected to: _____
Tested Secondary Voltage: 1

REAL ESTATE/EASEMENT		PERMIT	
RW-133686		FERNDALE	
FUNCTION	CONTACT	PHONE NO	DATE
PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
DRAWN BY	JOHN HATHAWAY	360-201-1340	1/10/25
COUNTY	WHAUTCOM	N/A	N/A
1/4 SEC	OP MAP	PLAT MAP	APPROVED BY
T40N R2E S19	N/A	N/A	JANE MAJOR
U-MAP NO (POWER)	OH CKT MAP	UG CKT MAP	FOREMAN #1
A3902E075	D3902E080	R3902E075	FOREMAN #2
MAPPING			
JOINT FACILITIES ARRANGEMENTS			
UTILITIES	ZIPLY	COMCAST	ASTOUND
CONTACT	MIKE MERRILL	KEN BRIDGES	JEREMIAH STRAND
PHONE#	615-719-0199	253-278-4268	360-500-9011
INCIDENT	MAOP		
N/A	N/A		
Gas Order	Elect Order		
N/A	101172075		
SCALE	PAGE		
AS NOTED	6/24		

PSI **PUGET SOUND ENERGY** **CITY OF FERNDALE**
FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT
225 FERNDALE TERRACE, FERNDALE WA



A SITE PLAN - NEW FACILITIES (P05-P11)

SCALE: 1" = 20'

WIRE STRINGING TABLE								
LOCATION		PRI	SEC	WIRE SIZE & TYPE	QUANTITY	LENGTH (FT PER CONDUCTOR)	REMARKS	
FROM	TO							
P04	P05	XX		397.5 MCMAAC	3	125	375	A/B/C PHASES
P04	P05	XX		4/0 ACSR NEUT	1	125	125	
P05	P06	XX		#2 OH TPX	1	60	60	
P05	P09	XX		397.5 MCMAAC	3	210	630	A/B/C PHASES
P05	P09	XX		4/0 ACSR NEUT	1	210	210	
P09	P10	XX		#2 OH TPX	1	50	50	
P05	S/A 2274	XX		#2 OH TPX	1	63	63	
P04	S/A 2278	XX		#2 OH TPX	1	65	65	
P06	S/A 2271	XX		#2 OH TPX	1	61	61	
P06	S/A 2275	XX		#2 OH TPX	1	68	68	
P09	S/A 2265	XX		#2 OH TPX	1	120	120	
P09	S/A 2266	XX		#2 OH TPX	1	96	96	
P09	S/A 2252	XX		#2 OH TPX	1	108	108	
P09	S/A 2258	XX		#2 OH TPX	1	58	58	
P09	S/A 2262	XX		#2 OH TPX	1	58	58	
P10	S/A 2257	XX		#2 OH TPX	1	60	60	
P10	S/A 2261	XX		#2 OH TPX	1	40	40	
TOTAL FEET 397.5 MCMACSR				1005	ACTUAL _____	INSTALLED		
TOTAL FEET 4/0 NEUT				335	ACTUAL _____	INSTALLED		
TOTAL FEET #2 OH TPX				907	ACTUAL _____	INSTALLED		

POLE TABLE (NEW)

SITE	POLE DATA				
	GRID #	HEIGHT	CLASS	YEAR	REMARKS / LOCATION REF
P05	468071-157370	45FT	H2		
P06	468061-157377	40FT	3		
P09	468070-157387	45FT	H2		
P10	468066-157391	35FT	3		

TRANSFORMER INSTALLATION	
Installed at site:	P05
Grid Number:	468071-157370
KVA Rating:	25kVA
Material ID#:	6211250
Foreman to reline the following information	
Company ID#:	
Primary phase connected to:	
Tested Secondary Voltage	/

TRANSFORMER INSTALLATION	
Installed at site:	P09
Grid Number:	468070-157387
KVA Rating:	37.5kVA
Material ID#:	6211300
Foreman to reline the following information	
Company ID#:	
Primary phase connected to:	
Tested Secondary Voltage	/

SITE SPECIFIC NOTES (CONTINUED)

P05: NEW POLE 45FT CLH2 GRID# 468071-157370 (STA 14+60.00, L/A = 1°)
 WO# 101172075
 INSTALL (NEW) 45FT CLH2 (PD45H2) AS PER STD 6010.1000
 INSTALL 12 KV 3-PHASE TANGENT PTP 397 AAC (TAN313) AS PER STD 6033.1012
 INSTALL 25kVA 7-120/240 OH XFMER (TRFNXF) FUSE @ 10T AS PER STD 6025.1000
 WO# 593260468
 TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2274 & 2278 FERNDALE TERR.
 NOTE: CONVERT EXISTING OH SVC TO BRIDLE SERVICE TO S/A 2278 FERNDALE TERR.

P05 TO P06:
 WO# 101172075
 INSTALL #2 OH SEC TPX APPROX. 60FT (ACTUAL: _____ FT)

P06: EXISTING 2003 45FT CL3 GRID #468061-157377 (STA 14+85.00, L/A = N/A)
 WO# 101172075
 INSTALL (REPLACE) 40FT CL3 (PD403) AS PER STD 6010.1000
 WO# 108159355
 REMOVE EXISTING 15kVA 120/240V OH XFMER
 REMOVE POLE STUB AFTER COMMUNICATION TRANSFERS HAVE BEEN COMPLETED
 ATTACHED UTILITIES: COMCAST & ZIPLY
 WO# 593260468
 TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2271 & 2275 FERNDALE TERR.
 INSTALL (TRANSFER) EXISTING STREET LIGHT (SLAF4202) TO NEW POLE P05

P08: EXISTING 1981 45FT CL3 GRID #468061-157389 (STA 16+20.00, L/A = N/A)
 WO# 108159355
 REMOVE EXISTING 25kVA 120/240V OH XFMER
 REMOVE POLE STUB AFTER COMMUNICATION TRANSFERS HAVE BEEN COMPLETED
 ATTACHED UTILITIES: COMCAST & ZIPLY

P09: NEW POLE 45FT CLH2 GRID# 468070-157387 (STA 16+60.00, L/A = 0°)
 WO# 101172075
 INSTALL (NEW) 45FT CLH2 (PD45H2) AS PER STD 6010.1000
 INSTALL 12 KV 3-PHASE TANGENT PTP 397 AAC (TAN313) AS PER STD 6033.1012
 INSTALL 37.5kVA 7-120/240 OH XFMER (TRFNXF) FUSE @ 10T AS PER STD 6025.1000
 WO# 593260468
 TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2252, 2258, 2262, 2265 & 2266 FERNDALE TERR.
 NOTE: CONVERT EXISTING OH SVC TO BRIDLE SERVICE TO S/A 2252, 2258 & 2266 FERNDALE TERR.

P09 TO P10:
 WO# 101172075
 INSTALL #2 OH SEC TPX APPROX. 50FT (ACTUAL: _____ FT)

P10: NEW POLE 35FT CL3 GRID# 468066-157391 (STA 16+80.00, L/A = N/A)
 WO# 101172075
 INSTALL (NEW) 35FT CL3 (PD353) AS PER STD 6010.1000
 WO# 593260468
 TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2257 & 2261 FERNDALE TERR.

P11: EXISTING 2003 45FT CL3 GRID #468061-157402 (STA 17+55.00, L/A = N/A)
 WO# 108159355
 REMOVE EXISTING 25kVA 120/240V OH XFMER
 REMOVE EXISTING #2 TPX APPROX. 210FT (ACTUAL = _____ FT) TO S/A 2252, 2257 & 2258 (+/- 10')
 INSTALL (TRANSFER) EXISTING STREET LIGHT (SLAF4202) TO NEW POLE P09
 REMOVE POLE STUB AFTER COMMUNICATION TRANSFERS HAVE BEEN COMPLETED
 ATTACHED UTILITIES: COMCAST & ZIPLY

(UNIT 2-7 X1)
 (UNIT 2-24 X1)
 (UNIT 3-3 X2)(UNIT 3-5 X2)

(UNIT 2-20A X1)

(UNIT 2-23 X1)
 (UNIT 2-129 X1)

(UNIT 2-302 X1)
 (UNIT 2-129 X1)

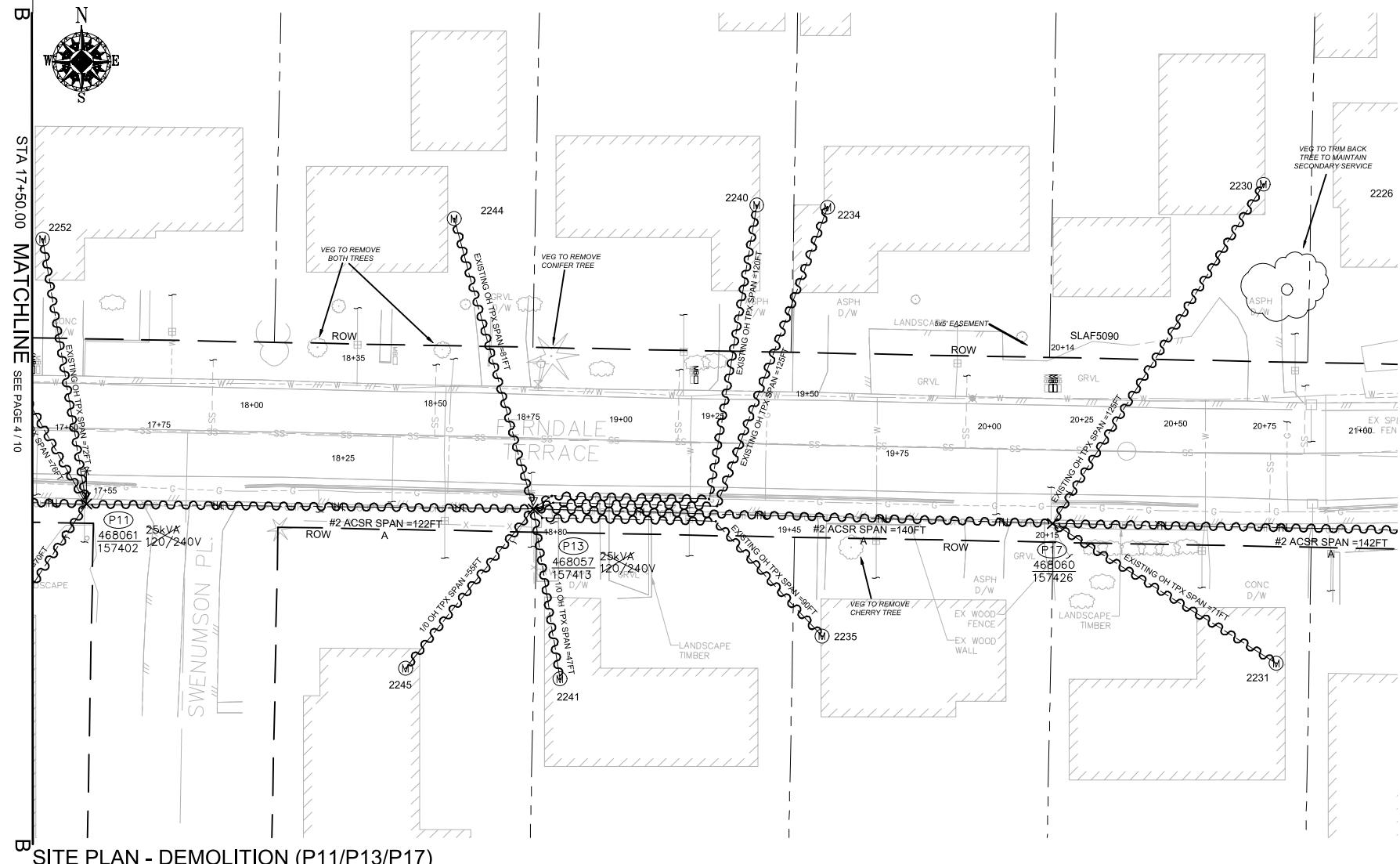
(UNIT 2-7 X1)
 (UNIT 2-24 X1)
 (UNIT 2-20A X1)

(UNIT 2-302 X1)
 (UNIT 2-129 X1)

INCIDENT MAOP
 N/A
 Gas Order Elect Order
 N/A 101172075
 SCALE PAGE
 AS NOTED 7/24

REAL ESTATE/EASEMENT		PERMIT	
RW-133686		FERNDALE	
FUNCTION	CONTACT	PHONE NO	DATE
PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
COUNTY	WHATCOM	N/A	
Emer Sect	Gas Wk Ctr	POWER WK CTR	
	N/A	CSPPEPI	
REVIEWED BY	JOHN HATHAWAY	360-201-1340	1/10/25
1/4 SEC	OP MAP	PLAT MAP	
T40N R2E S19	N/A	N/A	
U-MAP NO (POWER)	OH CKT MAP	UG CKT MAP	CIRCUIT NO
A3902E075	D3902E080	R3902E075	VIS-23
JOINT FACILITIES ARRANGEMENTS			
UTILITIES	ZIPLY	COMCAST	ASTOUND
CONTACT	MIKE MERRILL	KEN BRIDGES	JEREMIAH STRAND
PHONE#	615-719-0199	253-278-4268	360-500-9011
INCIDENT	MAOP	N/A	N/A
Gas Order	Elect Order	101172075	
SCALE	PAGE		
AS NOTED	7/24		

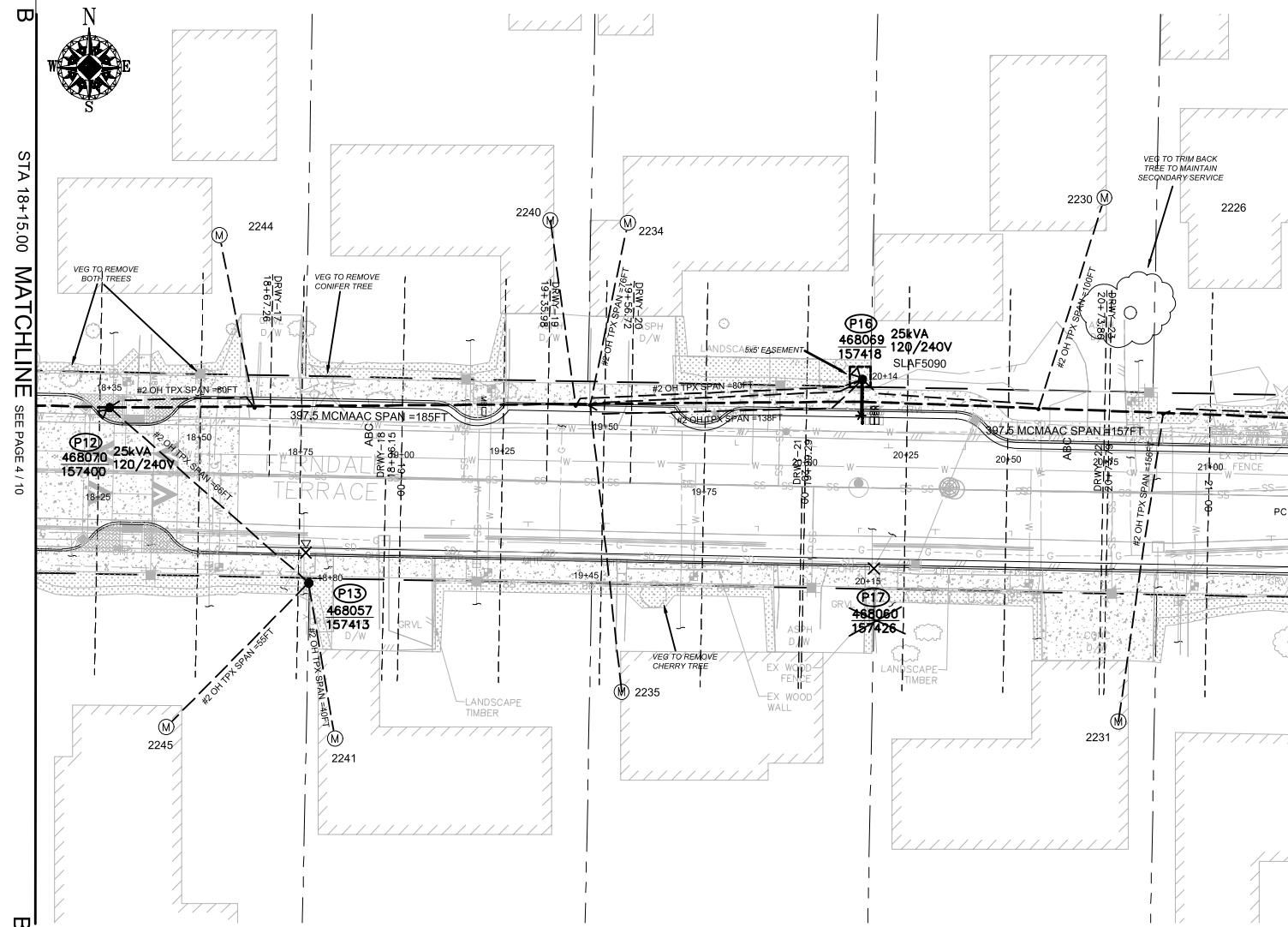
PSI PUGET SOUND ENERGY CITY OF FERNDALE
 FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT
 2295 FERNDALE TERRACE, FERNDALE WA



REAL ESTATE/EASEMENT		PERMIT	
RW-133686		FERNDALE	
FUNCTION	CONTACT	PHONE NO	DATE
3			
2			
1			
REV#	DATE	BY	DESCRIPTION
COUNTY	Emer Sect	Gas Wk Ctr	POWER WK CTR
WHATCOM	N/A	N/A	CSPEPI
1/4 SEC	OP MAP	PLAT MAP	
T40N R2E S19	N/A	N/A	
U-MAP NO (POWER)	OH CKT MAP	UG CKT MAP	CIRCUIT NO
A3902E075	D3902E080	R3902E075	VIS-23
JOINT FACILITIES ARRANGEMENTS			
UTILITIES	ZIPLY	COMCAST	ASTOUND
CONTACT	MIKE MERRILL	KEN BRIDGES	JEREMIAH STRAND
PHONE#	615-719-0199	253-278-4268	360-500-9011
INCIDENT	MAOP		
N/A	N/A		
Gas Order	Elect Order		
N/A	101172075		
SCALE	PAGE		
AS NOTED	8/24		

PSI **PUGET SOUND ENERGY**

CITY OF FERNDALE
FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT
225 FERNDALE TERRACE, FERNDALE WA



SITE PLAN - NEW FACILITIES (P12-P18)

SCALE: 1" = 20'

POLE TABLE (NEW)

SITE	POLE DATA				
	GRID #	HEIGHT	CLASS	YEAR	REMARKS / LOCATION REF
P12	468070-157400	50FT	H2		
P13	468057-157413	35FT	3		
P16	468069-157418	50FT	H2		

TRANSFORMER INSTALLATION

Installed at site: P12
 Grid Number: 468070-157400
 KVA Rating: 25kVA
 Material ID#: 6211250

Foreman to reline the following information

Company ID#: _____
 Primary phase connected to: _____
 Tested Secondary Voltage: /

TRANSFORMER INSTALLATION

Installed at site: P16
 Grid Number: 468069-157418
 KVA Rating: 25kVA
 Material ID#: 6211250

Foreman to reline the following information

Company ID#: _____
 Primary phase connected to: _____
 Tested Secondary Voltage: /

SITE SPECIFIC NOTES (CONTINUED)

P12: NEW POLE 50FT CLH2 GRID# 468070-157400 (STA 18+35.00, L/A = 0°)
 WO# 101172075

(UNIT 2-7 X1)

INSTALL (NEW) 50FT CLH2 (PD50H2) AS PER STD 6010.1000

NOTE: DEEP SET POLE 1'

INSTALL 12 KV 3-PHASE TANGENT PTP 397 AAC (TAN313) AS PER STD 6033.1012

(UNIT 2-24 X1)

INSTALL 25kVA 7-120/240 OH XFMR (TRFNFX) FUSE @ 10T AS PER STD 6025.1000

WO# 593260468

TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2244 FERNDALE TERR.

P13: EXISTING 1981 45FT CL3 GRID #468057-157413 (STA 18+80.00, L/A = N/A°)
 WO# 101172075

(UNIT 2-23 X1)

INSTALL (REPLACE) 35FT CL3 (PD353) AS PER STD 6010.1000

WO# 108159355

REMOVE EXISTING 25kVA 120/240V OH XFMR

(UNIT 2-129 X1)

REMOVE POLE STUB AFTER COMMUNICATION TRANSFERS HAVE BEEN COMPLETED

ATTACHED UTILITIES: COMCAST & ZIPLY

WO# 593260468

TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2241 & 2245 FERNDALE TERR.

P12 TO P13:

WO# 101172075

INSTALL #2 OH SEC TPX APPROX. 66FT (ACTUAL: _____ FT)

(UNIT 2-20A X1)

P16: NEW POLE 50FT CLH2 GRID# 468069-157418 (STA 20+14.00, L/A = 2°)
 WO# 101172075

(UNIT 2-7 X1)

INSTALL (NEW) 50FT CLH2 (PD50H2) AS PER STD 6010.1000

NOTE: DEEP SET POLE 1'

INSTALL 3-PHASE SGL WINGARM 397 (TASW313) AS PER STD 6033.4012

(UNIT 2-24 X1)

INSTALL 25kVA 7-120/240 OH XFMR (TRFNFX) FUSE @ 10T AS PER STD 6025.1000

WO# 593260468

TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2230, 2234, 2235 & 2240 FERNDALE TERR.

(UNIT 3-3 X4)(UNIT 3-5 X8)

NOTE: CONVERT EXISTING OH SVC TO BRIDLE SERVICE TO S/A 2230, 2234, 2235 & 2240 FERNDALE TERR.

P17: EXISTING 2003 45FT CL3 GRID #468060-157426 (STA 20+15.00, L/A = N/A)
 WO# 593260468

(UNIT 2-302 X1)

INSTALL (TRANSFER) EXISTING STREET LIGHT (SLAF5090) TO NEW POLE P16

WO# 108159355

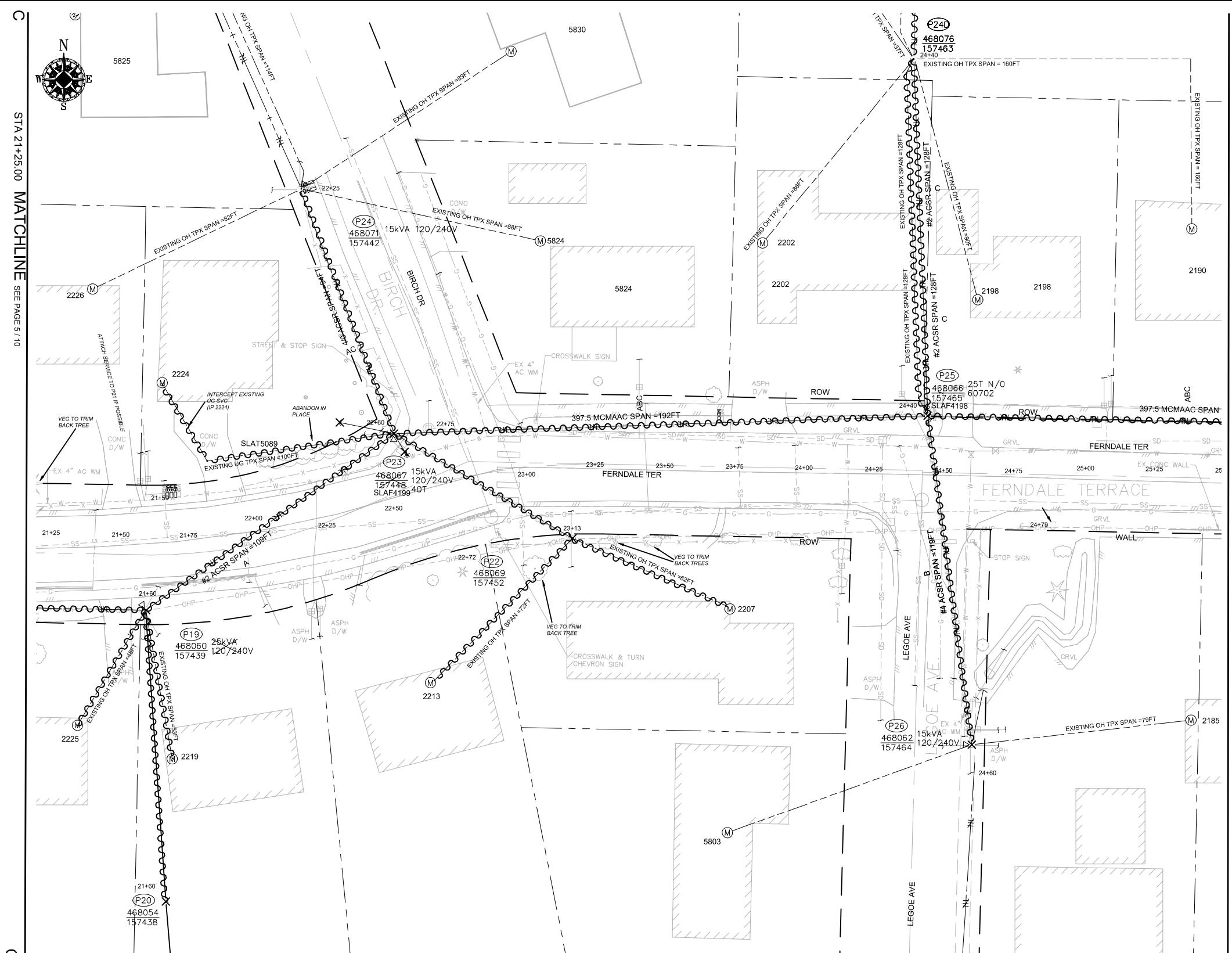
REMOVE POLE STUB AFTER COMMUNICATION TRANSFERS HAVE BEEN COMPLETED

ATTACHED UTILITIES: COMCAST & ZIPLY

(UNIT 2-129 X1)

(UNIT 2-302 X1)

(UNIT 2-129 X1)



SITE PLAN - DEMOLITION(P19/P20/P22/P23/P24/24D/P25/P26
SCALE: 1" = 20'

SCALE: 1" = 20'

TRANSFORMER REMOVAL	
Installed at site:	<u>P19</u>
Grid Number:	<u>468060-157439</u>
kVA Rating:	<u>25kVA</u>
Foreman to redline the following information	
Company ID#:	<u> </u>
Primary phase connected to:	<u> </u>
Tested Secondary Voltage	<u> </u> / <u> </u>

TRANSFORMER REMOVAL	
Installed at site:	<u>P23</u>
Grid Number:	<u>468067-157448</u>
kVA Rating:	<u>25kVA</u>
 Foreman to redline the following information	
Company ID#:	<u> </u>
Primary phase connected to:	<u> </u>
Tested Secondary Voltage	<u> </u> / <u> </u>

TRANSFORMER REMOVAL	
Installed at site:	P26
Grid Number:	468052-157464
kVA Rating:	15kVA

Foreman to redline the following information

Company ID#: _____

Primary phase connected to: _____

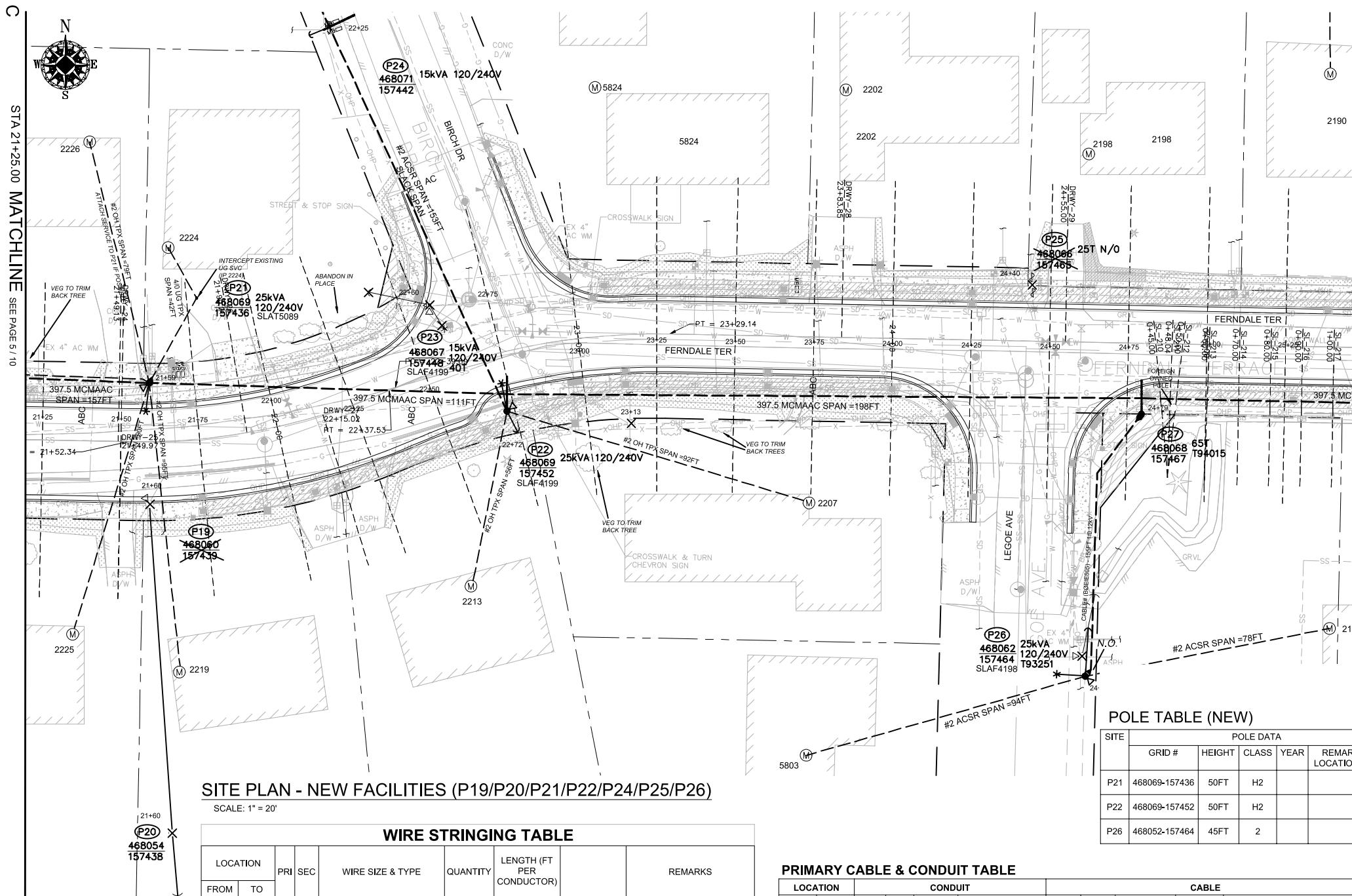
Tested Secondary Voltage _____ / _____

REAL ESTATE/EASEMENT RW-133686				PERMIT FERNDALE			
REV#	DATE	BY	DESCRIPTION	FUNCTION	CONTACT	PHONE NO	DATE
3				PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
2				ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
1							
COUNTY	Emer Sect	Gas Wk Ctr	POWER WK CTR	ENGR - GAS	N/A	N/A	N/A
WHATCOM	N/A	N/A	CSPFPI	DRAWN BY	JOHN HATHAWAY	360-201-1340	1/10/25
1/4 SEC	OP MAP	PLAT MAP		CHECKED BY	<i>W.Schlegel</i>	360-941-2007	1/10/25
T40N R2E S19	N/A	N/A		APPROVED BY	JANE MAJOR	360-791-2748	1/10/25
U-MAP NO (POWER)	OH CKT MAP	UG CKT MAP	CIRCUIT NO	FOREMAN #1			
A3902E075	D3902E080	R3902E075	VIS-23	FOREMAN #2			
JOINT FACILITIES ARRANGEMENTS							
UTILITIES	ZIPPLY	COMCAST	ASTOUND			N/A	
CONTACT	MIKE MERRILL	KEN BRIDGES	JEREMIAH STRAND			N/A	
PHONE#	615-719-0199	253-278-4268	360-500-9011			N/A	
 PUGET SOUND ENERGY				CITY OF FERNDALE FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT 2295 FERNDALE TERRACE, FERNDALE WA			
				INCIDENT N/A	MAOP N/A		
				Gas Order N/A	Elect Order 101172075		
				SCALE AS NOTED	PAGE 10/24		



CITY OF FERNDALE
FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT
2295 FERNDALE TERRACE, FERNDALE WA

INCIDENT N/A	MAOP N/A
Gas Order N/A	Elect Order 101172075
SCALE	PAGE



WIRE STRINGING TABLE

LOCATION	PRI	SEC	WIRE SIZE & TYPE	QUANTITY	LENGTH (FT PER CONDUCTOR)	REMARKS
P21	P22	XX	397.5 MCMAAC	3	111	333
P21	P22	XX	4/0ACSR NEUT	1	111	111
P21	S/A 2219	XX	#2 OH TPX	1	95	95
P21	S/A 2231	XX	#2 OH TPX	1	156	156
P19	S/A 2225	XX	#2 OH TPX	1	90	90
P22	S/A 2207	XX	#2 OH TPX	1	92	92
P22	S/A 2213	XX	#2 OH TPX	1	56	56
P22	P24	XX	#2 PRI & NEUT	2	153	306
P22	P27	XX	397.5 MCMAAC	3	209	627
P22	P27	XX	4/0ACSR NEUT	1	198	198
P26	S/A 2185	XX	#2 OH TPX	1	78	78
P26	S/A 5803	XX	#2 OH TPX	1	94	94
TOTAL FEET 397.5 MCMACSR						#### ACTUAL _____ INSTALLED
TOTAL FEET 4/0 NEUT						### ACTUAL _____ INSTALLED
TOTAL FEET #2 OH TPX						661 ACTUAL _____ INSTALLED
TOTAL FEET #2 PRI & NEUT						306 ACTUAL _____ INSTALLED

TRANSFORMER INSTALLATION

Installed at site: **P21**
 Grid Number: **468069-157436**
 KVA Rating: **25KVA**
 Material ID#: **6211250**

Foreman to redline the following information
 Company ID#: _____
 Primary phase connected to: _____
 Tested Secondary Voltage: _____ / _____

TRANSFORMER INSTALLATION

Installed at site: **P22**
 Grid Number: **468069-157452**
 KVA Rating: **25KVA**
 Material ID#: **6211250**

Foreman to redline the following information
 Company ID#: _____
 Primary phase connected to: _____
 Tested Secondary Voltage: _____ / _____

TRANSFORMER INSTALLATION

Installed at site: **P26**
 Grid Number: **468052-157464**
 KVA Rating: **25KVA**
 Material ID#: **6211250**

Foreman to redline the following information
 Company ID#: _____
 Primary phase connected to: _____
 Tested Secondary Voltage: _____ / _____

SITE SPECIFIC NOTES (CONTINUED) (PART 1)

P19: EXISTING 2003 45FT CL3 GRID #468060-157439 (STA 21+60.00, L/A = N/A)

WO# 108159355

REMOVE EXISTING 25KVA 120/240V OH XFMR

REMOVE POLE STUB AFTER COMMUNICATION TRANSFERS HAVE BEEN COMPLETED

ATTACHED UTILITIES: COMCAST & ZIPLY

WO# 593260468

INSTALL (TRANSFER) EXISTING STREET LIGHT (SLAF 5089) TO NEW POLE P21

(UNIT 2-129 X1)

(UNIT 2-302 X1)

P20: EXISTING POLE CL UNK GRID #468054-157438 (STA 21+60.00, L/A = N/A)

WO# 108159355

REMOVE POLE STUB, DOWN GUY & ANCHOR

(UNIT 2-26 X1)

P21: NEW POLE 50FT CLH2 GRID# 468069-157436 (STA 21+59.00, L/A = 0°)

WO# 101172075

INSTALL (NEW) 50FT CLH2 (PD50H2) AS PER STD 6010.1000

NOTE: DEEP SET POLE 1'

INSTALL 12 KV 3-PHASE TANGENT PTP 397 AAC (TAN313) AS PER STD 6033.1012

INSTALL 25KVA 7-120/240 OH XFMR (TRFNFX) FUSE @ 10T AS PER STD 6025.1000

INSTALL RISER, 3" COND SYS STANDOFF (RIS3CSS) AS PER STD 6042.1000

WO# 593260468

TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2219 & 2231 FERNDALE TERR.

NOTE: CONVERT EXISTING OH SVC TO BRIDLE SERVICE TO S/A 2231 FERNDALE TERR.

INSTALL TPX TO S/A 2226 FERNDALE TERR.

NOTE: INSTALL IF POSSIBLE

WO# 594162199

INSTALL (REPLACE) 4/0 UG TPX TO S/A 2224 FERNDALE TERR. APPROX. 40FT (ACTUAL: _____ FT)

TRENCH & INSTALL NEW 3" DB120 CONDUIT APPROX. 40FT (ACTUAL = _____ FT)

NOTE: INTERCEPT EXISTING SVC (IP 2224)

(UNIT 2-54A X40FT)

(UNIT 2-36 X 40FT) (UNIT 2-49 X 40FT)

P22: EXISTING 2003 45FT CL3 GRID# 468069-157452 (STA 22+72.00, L/A = 1°)

WO# 101172075

INSTALL (REPLACE) 50FT CLH2 (PD50H2) AS PER STD 6010.1000

NOTE: INSTALL TREATED POLE WRAP (MID# 9997789)

NOTE: DEEP SET POLE 2'

INSTALL 3-PHASE SGL WINGARM 397 (TASW313) AS PER STD 6033.4012

12KV 20 DE #2ACSR (DE2215) (NORTH) AS PER STD 6032.1040

INSTALL 25KVA 7-120/240 OH XFMR (TRFNFX) FUSE @ 10T AS PER STD 6025.1000

INSTALL PRIMARY GUY 3/8" ANC W/AUTO GRIP (GYD3SA) AS PER STD 6013.0100

INSTALL NEUTRAL GUY 3/8" ANC W/AUTO GRIP (GYD3SAN) AS PER STD 6013.0100

WO# 108159355

REMOVE POLE STUB AFTER COMMUNICATION TRANSFERS HAVE BEEN COMPLETED

ATTACHED UTILITIES: COMCAST

WO# 593260468

TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2207 & 2213 FERNDALE TERR.

(UNIT 2-129 X1)

(UNIT 2-24 X1)

(UNIT 1-8E X1)

P23: EXISTING 2003 45FT CL4 GRID #468067-157448 (STA 22+60.00, L/A = N/A)

WO# 108159355

REMOVE EXISTING 15KVA 120/240V OH XFMR

REMOVE POLE STUB AFTER COMMUNICATION TRANSFERS HAVE BEEN COMPLETED

ATTACHED UTILITIES: COMCAST

WO# 593260468

INSTALL (TRANSFER) EXISTING STREET LIGHT (SLAF 4199) TO P22

(UNIT 2-129 X1)

(UNIT 2-302 X1)

POLE TABLE (NEW)

SITE	POLE DATA				
	GRID #	HEIGHT	CLASS	YEAR	REMARKS / LOCATION REF
P21	468069-157436	50FT	H2		
P22	468069-157452	50FT	H2		
P26	468052-157464	45FT	2		

PRIMARY CABLE & CONDUIT TABLE

LOCATION	CONDUIT					CABLE					ASBUILT INFORMATION - FOREMAN COMPLETE									
	FROM	TO	SIZE (IN)	QTY.	DESIGN LENGTH (FT)	90°	45°	22°	11°	PULL (LBS)	PULL REV (LBS)	CABLE SIZE	DESIGN LENGTH (FT)	PHASE - ID TAG	A	B	C	RECORD	RECORD PHASE TAPPED & ACTUAL FOOTAGE INSTALLED	LUBRICANT (Gal)
P26	P27	4	1	85	2	2	-	-	66	69	1/0 AL JKT	155	-	EIE505	-	-	-	-	-	-

4" PVC (FT) & BENDS = 85

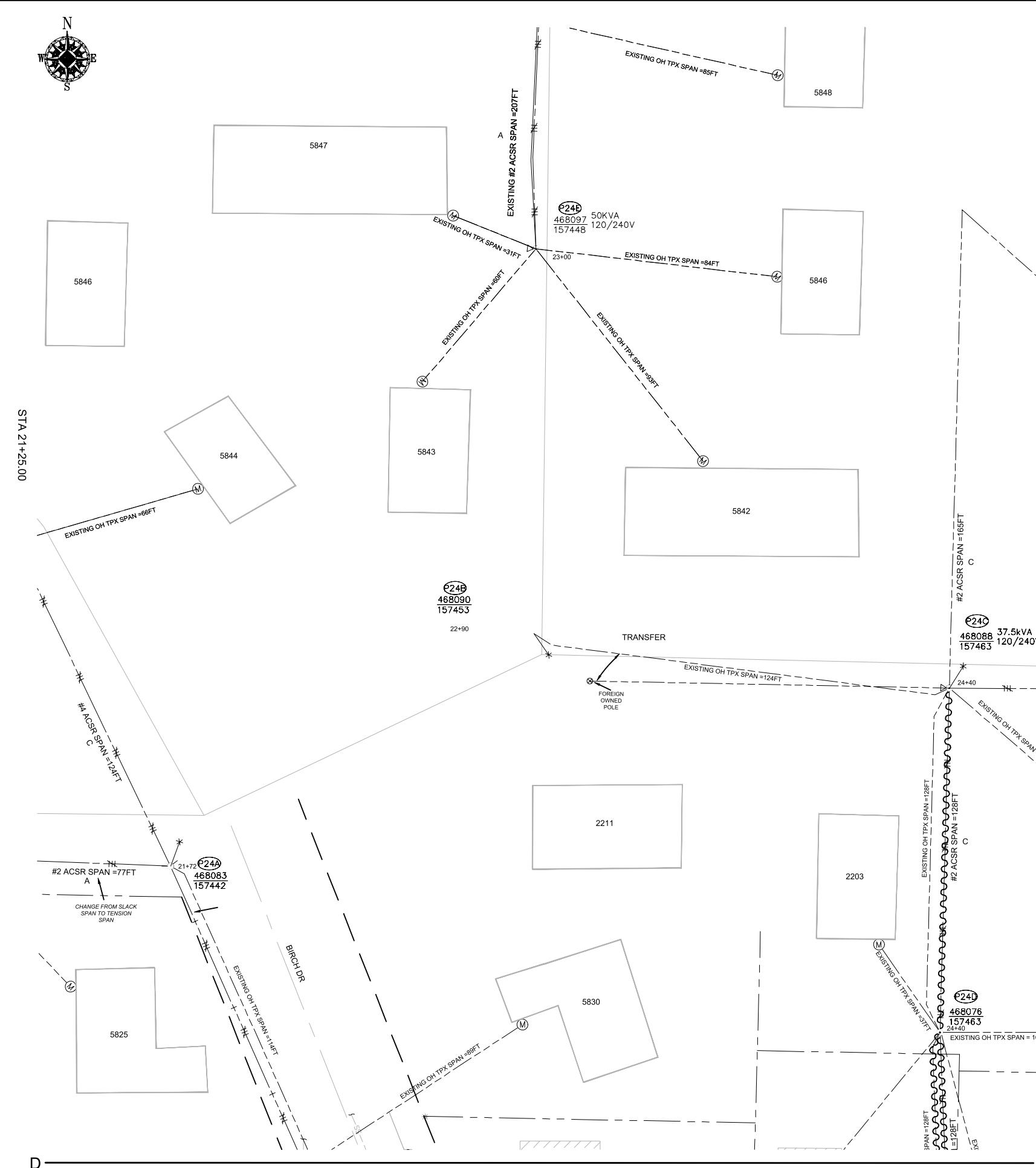
2" PVC & BENDS = 2

3" PVC & BENDS = 40

350 UG Triplex (ft) = -

SECONDARY CABLE & CONDUIT TABLE

LOCATION	CABLE				CONDUIT				VOLTAGE	ASBUILT INFORMATION							
	SIZE	LENGTH	ASSUMED	Lot Corner to Meter (ft)	(in)	Design (ft)	BENDS	90°	45°	22°	11°	(Percent)	(Percent)	Actual Amount Installed	Cable	Conduit	REAL ESTATE/EASEMENT
P21	S																



SITE PLAN - DEMOLITION (P24/P24A/P24B/P24C/P24D/P25)

SCALE: 1" = 30'

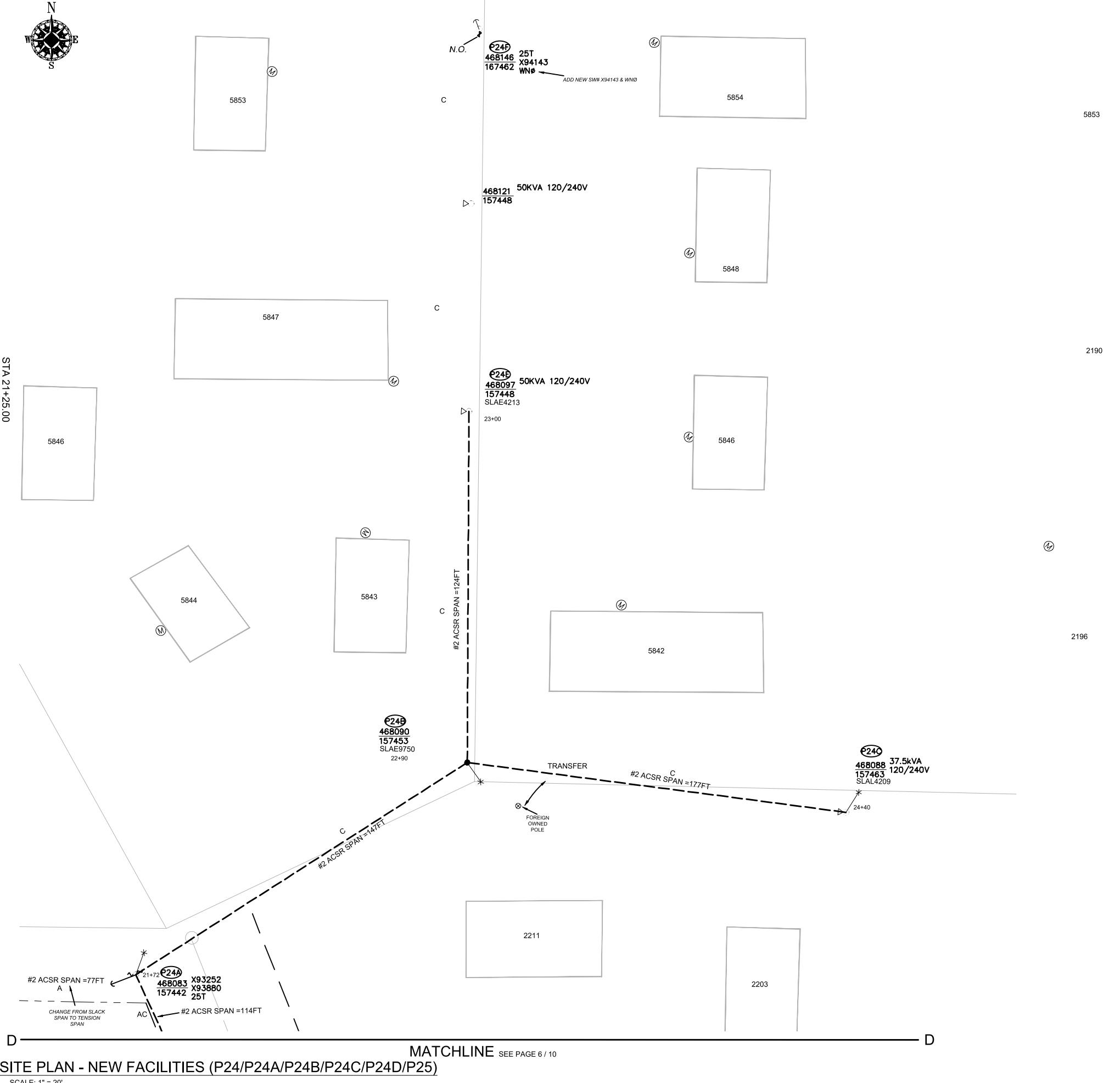
MATCHLINE SEE PAGE 6

REAL ESTATE/EASEMENT				PERMIT			
RW-133686				FERNDALE			
REV#	DATE	BY	DESCRIPTION	FUNCTION	CONTACT	PHONE NO	DATE
3				PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
2				ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
1				ENGR - GAS	N/A	N/A	N/A
COUNTY	Emer Sect	Gas Wk Ctr	POWER WK CTR	DRAWN BY	JOHN HATHAWAY	360-201-1340	1/10/25
WHATCOM	N/A	N/A	CSPEPI	CHECKED BY	<i>M. Salazar</i>	360-941-2007	1/10/25
1/4 SEC	OP MAP	PLAT MAP		APPROVED BY	JANE MAJOR	360-791-2748	1/10/25
T40N R2E S19	N/A	N/A		FOREMAN #1			
U-MAP NO (POWER)	OH CKT MAP	UG CKT MAP	CIRCUIT NO	FOREMAN #2			
A3902E075	D3902E080	R3902E075	VI-23	MAPPING			
JOINT FACILITIES ARRANGEMENTS							
UTILITIES	ZIPPLY	COMCAST	ASTOUND	N/A			
CONTACT	MIKE MERRILL	KEN BRIDGES	JEREMIAH STRAND	N/A			
PHONE#	615-719-0189	253-278-4268	360-500-9011	N/A			
 PUGET SOUND ENERGY				INCIDENT N/A	MAOP N/A		
				Gas Order N/A	Elect Order 101172075		
				SCALE AS NOTED	PAGE 13/24		



CITY OF FERNDALE
FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT
2295 FERNDALE TERRACE, FERNDALE WA

	N/A
	N/A
INCIDENT N/A	MAOP N/A
Gas Order N/A	Elect Order 101172075
SCALE AS NOTED	PAGE 13/24



SITE SPECIFIC NOTES (CONTINUED)

P24A: EXISTING 2002 45FT CL3 GRID# 468083-157442 (STA 21+72.00, L/A = 0°)

WO# 101172075

INSTALL 12KV 1-PHASE DOUBLE DEADEND (DDE2115) AS PER STD 6031.1040

NOTE: CHANGE WEST SPAN TO TENSION SPAN

NOTE: AØ WEST & CØ EAST

INSTALL SWITCH C/O 1PH LNK BRK (DLS115L) SWITCH #X93252 FUSE 25T (WEST) AS PER STD 6022.1000

INSTALL SWITCH C/O 1PH LNK BRK (DLS115L) SWITCH #X93880 FUSE 25T (EAST) AS PER STD 6022.1000

INSTALL SINGLE HELIX ANCHOR (ANDH1) (LEAD = 10FT SW) AS PER STD 6012.1000

INSTALL PRIMARY GUY 3/8" ANC W/AUTO GRIP (GYD3SA) AS PER STD 6013.0100

INSTALL NEUTRAL GUY 3/8" ANC W/AUTO GRIP (GYD3SAN) AS PER STD 6013.0100

(UNIT 2-21 X1)(UNIT 2-22 X2)

P24B: NEW POLE 45FT CL2 GRID# 468090-157453 (STA 22+90.00, L/A = 24°)

WO# 101172075

INSTALL (NEW) 45FT CL2 (PD452) AS PER STD 6010.1000

INSTALL 1-PHASE DE #2 (DE2115) AS PER STD 6031.1040 (NORTH)

INSTALL 1-PHASE DBL DE #2 (DDE2115) AS PER STD 6031.1043 (EAST & WEST)

WO# 593260468

TRANSFER EXISTING #2 SPAN (+/- 10FT)

INSTALL (TRANSFER) EXISTING STREET LIGHT (SLAE 9750) TO NEW POLE

(UNIT 2-24 X1)

(UNIT 2-302 X1)

P24C: EXISTING POLE 45FT CL2 GRID# 468088-157463 (STA 24+40.00, L/A = N/A)

WO# 101172075

INSTALL 1-PHASE DE #2 (DE2115) AND INSTALL COVERED JUMPER AS PER STD 6031.1040

WO# 108159355

REMOVE DOWN GUY & ANCHOR (WEST)

(UNIT 2-26 X1)

P24E: EXISTING 2002 45FT CL3 GRID# 468097-157448 (STA 23+00.00, L/A = N/A)

WO# 101172075

INSTALL 1-PHASE DE #2 (DE2115) AND INSTALL COVERED JUMPER AS PER STD 6031.1040

P24F: EXISTING 2002 45FT CL3 GRID# 468146-167462 (STA 23+00.00, L/A = 2°)

WO# 101172075

INSTALL SW #X93252 ON EXISTING SWITCH FUSE 25T (SOUTH) AS PER STD 6022.1000

NOTE: OPERATE AS NORMAL OPEN (WNO)

(UNIT 2-24 X1)

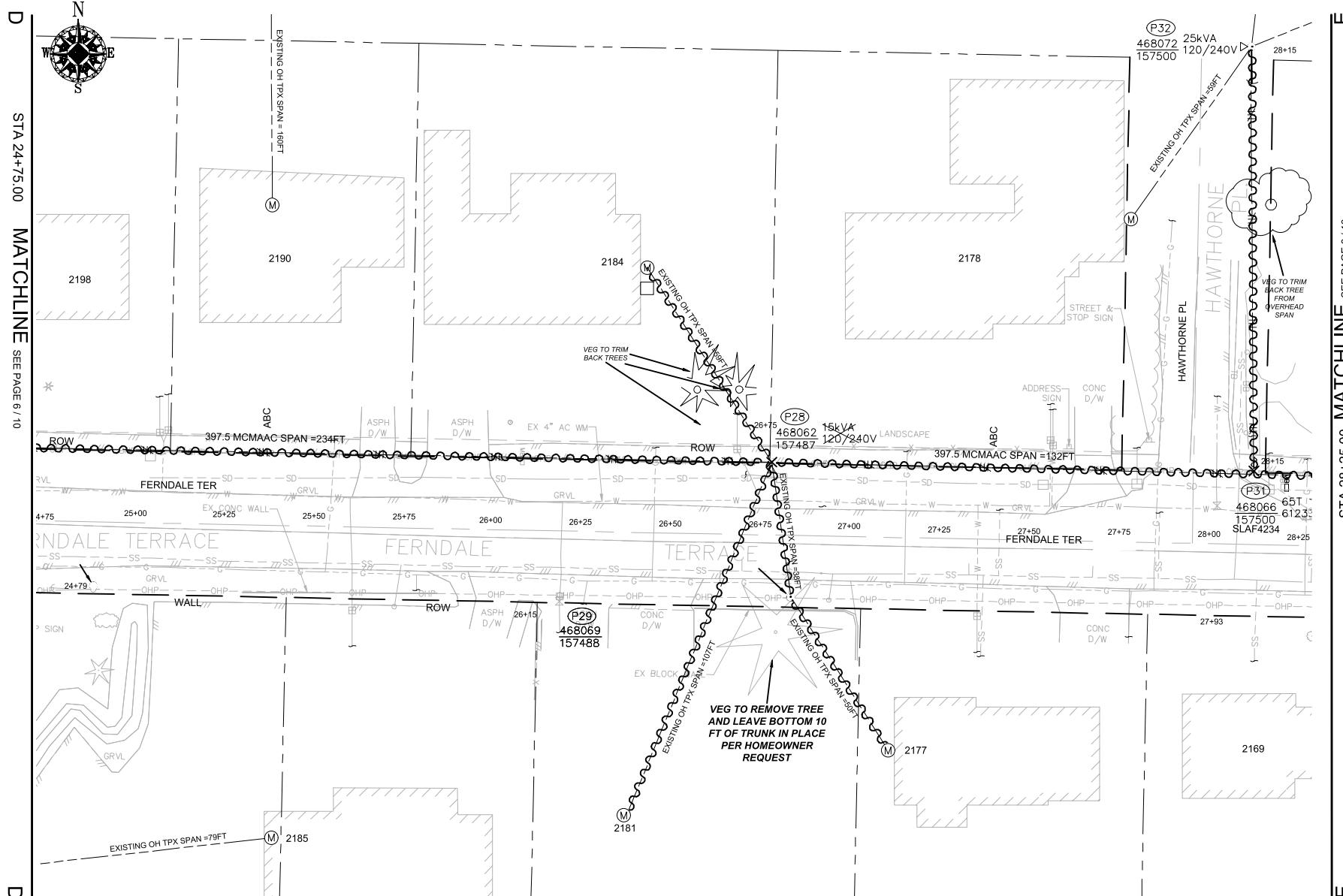
POLE TABLE (NEW)

SITE	POLE DATA				
	GRID #	HEIGHT	CLASS	YEAR	REMARKS / LOCATION REF
P24B	468090-157453	45FT	2		

WIRE STRINGING TABLE							
LOCATION	PRI	SEC	WIRE SIZE & TYPE	QUANTITY	LENGTH (FT PER CONDUCTOR)		
			FROM	TO			
P24	P24A	XX	#2 PRI & NEUT	3	114	342	AC PHASES
P24A	P24B	XX	#2 PRI & NEUT	2	147	294	C PHASE
P24B	P24C	XX	#2 PRI & NEUT	2	177	354	C PHASE
P24B	P24E	XX	#2 PRI & NEUT	2	124	248	C PHASE
TOTAL FEET #2 PRI & NEUT					896	ACTUAL _____ INSTALLED	

REAL ESTATE/EASEMENT		PERMIT	
RW-133686		FERNDALE	
FUNCTION	CONTACT	PHONE NO	DATE
PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
COUNTY	WHATCOM	Emer Sect Gas Wk Ctr	POWER WK CTR
1/4 SEC	T40N R2E S19	N/A	CSPPEPI
U-MAP NO (POWER)	468090	OH CKT MAP	UG CKT MAP
PHONE#	157442	D3902E075	R3902E075
JOINT FACILITIES ARRANGEMENTS		CITY OF FERNDALE	
UTILITIES	ZIPPLY	COMCAST	ASTOUND
CONTACT	MIKE MERRILL	KEN BRIDGES	JEREMIAH STRAND
PHONE#	615-719-0199	253-278-4268	360-500-9011
INCIDENT	MAOP		
Gas Order	Elect Order		
SCALE	PAGE		
PHONE#	AS NOTED		

CITY OF FERNDALE
FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT
2295 FERNDALE TERRACE, FERNDALE WA



SITE PLAN - DEMOLITION (P28/P29/P31/P32)

SCALE: 1" = 20'

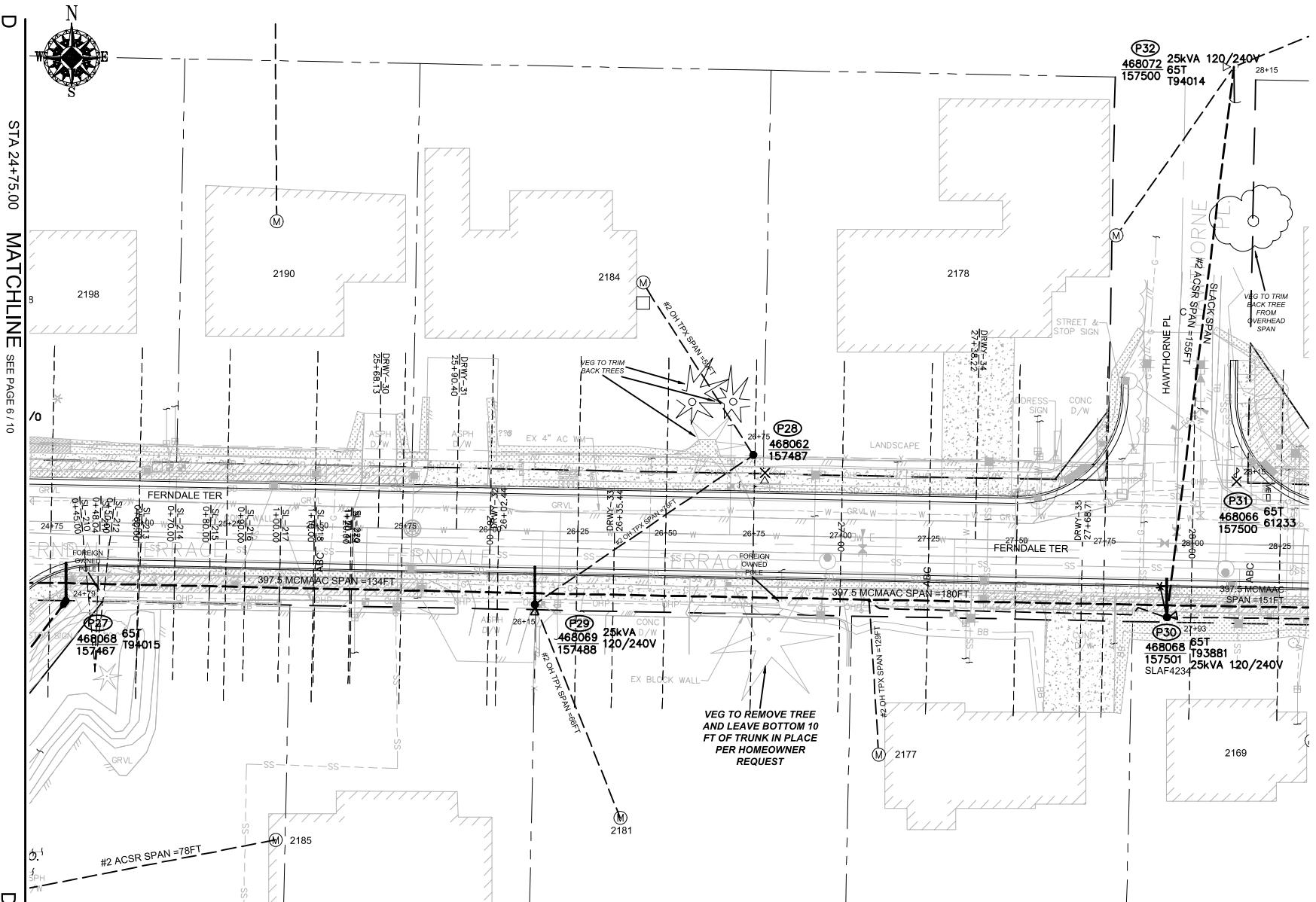
POLE RETIREMENT TABLE				TEMP TRANSFERS			ST. LIGHT TRANSFERS					
SITE #	POLE DATA			POLE		TEL	TV	FIBER	TRAN	RMVD	ID NUMBER	
	GRID #	HEIGHT	CLASS	YEAR	TOPPED							
P28	468062-157487	45FT	3	2012	<input type="checkbox"/>							
P31	468066-157500	45FT	3	2002	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SLAF4234					

WIRE REMOVAL TABLE						
LOCATION	WIRE SIZE & TYPE	QUANTITY	LENGTH (FT PER CONDUCTOR)	TOTAL LENGTH	REMARKS	
P25 P28	397.5 MCM ACSR	3	234	702	A/B/C PHASES	
P25 P28	4/0 ACSR NEUT	1	234	234		
P28 S/A 2181	EXISTING OH TPX	1	107	107		
P28 S/A 2184	EXISTING OH TPX	1	59	59		
P28 P29	EXISTING OH TPX	1	38	38		
P29 S/A 2177	EXISTING OH TPX	1	50	50		
P28 P31	397.5 MCM ACSR	3	132	396	A/B/C PHASES	
P28 P31	4/0 ACSR NEUT	1	132	132		
P31 P32	397.5 MCM ACSR	1	119	119	C PHASE	
P31 P32	4/0 ACSR NEUT	1	119	119		
TOTAL FEET EXISTING OH TPX				254	ACTUAL _____ REMOVED	
TOTAL FEET 4/0 ACSR PRI & NEUT				485	ACTUAL _____ REMOVED	
TOTAL FEET 397.5 MCM ACSR				1217	ACTUAL _____ REMOVED	

STA 28+25.00 MATCHLINE SEE PAGE 8/10

TRANSFORMER REMOVAL	
Installed at site:	P28
Grid Number:	468062-157487
kVA Rating:	25kVA
Foreman to redline the following information	
Company ID#:	
Primary phase connected to:	
Tested Secondary Voltage	/

REAL ESTATE/EASEMENT		PERMIT		
RW-133686		FERNDALE		
FUNCTION	CONTACT	PHONE NO	DATE	
3				
2				
1				
REV#	DATE	BY	DESCRIPTION	
COUNTY	Emer Sect	Gas Wk Ctr	POWER WK CTR	
WHATCOM	N/A	N/A	CSPEPI	
1/4 SEC	OP MAP	PLAT MAP	CHECKED BY	
T40N R2E S19	N/A	N/A	JOHN HATHAWAY 360-201-1340 1/10/25	
U-MAP NO (POWER)	OH CKT MAP	UG CKT MAP	APPROVED BY	
A3902E075	D3902E080	R3902E075	JANE MAJOR 360-791-2748 1/10/25	
JOINT FACILITIES ARRANGEMENTS				
UTILITIES	ZIPLY	COMCAST	ASTOUND	N/A
CONTACT	MIKE MERRILL	KEN BRIDGES	JEREMIAH STRAND	N/A
PHONE#	615-719-0199	253-278-4268	360-500-9011	N/A
CITY OF FERNDALE				INCIDENT
FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT				MAOP
2295 FERNDALE TERRACE, FERNDALE WA				N/A
Puget Sound Energy				Gas Order
				Elect Order
				101172075
				SCALE
				PAGE
				AS NOTED
				15/24



SITE PLAN - NEW FACILITIES (P27-P32)

SCALE: 1" = 20'

LOCATION		PRI	SEC	WIRE SIZE & TYPE	QUANTITY	LENGTH (FT PER CONDUCTOR)	REMARKS
FROM	TO						
P27	P29	XX		397.5 MCMAAC	3	134	402
P27	P29	XX		4/0ACSR NEUT	1	134	134
P28	P29	XX		#2 OH TPX	1	76	76
P29	P30	XX		397.5 MCMAAC	3	180	540
P29	P30	XX		4/0ACSR NEUT	1	180	180
P28	S/A 2184	XX		#2 OH TPX	1	59	59
P30	S/A 2177	XX		#2 OH TPX	1	129	129
P30	S/A 2169	XX		#2 OH TPX	1	111	111
P29	S/A 2181	XX		#2 OH TPX	1	66	66
P30	P32	XX		#2 PRI & NEUT	2	155	310
TOTAL FEET 397.5 MCMAAC				942	ACTUAL _____	INSTALLED	
TOTAL FEET #2 OH TPX				441	ACTUAL _____	INSTALLED	
TOTAL FEET 4/0 NEUT				314	ACTUAL _____	INSTALLED	
TOTAL FEET #2 PRI & NEUT				310	ACTUAL _____	INSTALLED	

WIRE STRINGING TABLE

SITE	POLE DATA			
	GRID #	HEIGHT	CLASS	YEAR
P27	468068-157467	45FT	H2	
P28	468062-157487	35FT	3	
P29	468069-157488	45FT	H2	
P30	468068-157501	45FT	H2	

TRANSFORMER INSTALLATION	
Installed at site:	P29
Grid Number:	468069-157488
KVA Rating:	25kVA
Material ID#:	6211250
Foreman to redline the following information	
Company ID#:	
Primary phase connected to:	
Tested Secondary Voltage	/
TOTAL FEET 397.5 MCMAAC	
TOTAL FEET #2 OH TPX	
TOTAL FEET 4/0 NEUT	
TOTAL FEET #2 PRI & NEUT	

TRANSFORMER INSTALLATION	
Installed at site:	P30
Grid Number:	468068-157501
KVA Rating:	25kVA
Material ID#:	6211250
Foreman to redline the following information	
Company ID#:	
Primary phase connected to:	
Tested Secondary Voltage	/

SITE SPECIFIC NOTES (CONTINUED)

P27: NEW POLE 50FT CLH2 GRID #468068-157467 (STA 24+79.00, L/A = 0°)

WO# 101172075

INSTALL (NEW) 50FT CLH2 (PD50H2) AS PER STD 6010.1000

NOTE: INSTALL TREATED POLE WRAP (MID# 9997789)

NOTE: DEEP SET POLE 2'

INSTALL 3-PHASE SGL WINGARM 397 (TASW313) AS PER STD 6033.4012

INSTALL RISER, 4" COND SYS STANDOFF (RIS4CSS) AS PER STD 6042.1000

INSTALL 12kV SINGLE-PHASE TERM, LI (TSU111) AS PER STD 6043.1000

INSTALL SWITCH #T94015 FUSE @ 65T; TAP B-PHASE

NOTE: SET AS NORMAL OPEN

INSTALL CABLE TAG #B0EIE774

(UNIT 2-7 X1)

(UNIT 2-45 X1) (UNIT 2-57 X2)

P28: EXISTING 2012 45FT CL3 GRID #468062-157487 (STA 26+75.00, L/A = N/A)

WO# 101172075

INSTALL (REPLACE) 35FT CL3 (PD353) AS PER STD 6010.1000

WO# 108159355

REMOVE EXISTING 15kVA 120/240V OH XFMR

REMOVE POLE STUB AFTER COMMUNICATION TRANSFERS HAVE BEEN COMPLETED

ATTACHED UTILITIES: COMCAST & ASTOUND

WO# 593260468

TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2184 FERNDALE TERR.

(UNIT 2-23 X1)

(UNIT 2-129 X1)

P29: NEW POLE 45FT CLH2 GRID #468069-157488 (STA 26+15.00, L/A = N/A)

WO# 101172075

INSTALL (NEW) 45FT CLH2 (PD45H2) AS PER STD 6010.1000

NOTE: EXISTING ZIPLY OWNED POLE, ZIPLY TO REMOVE

INSTALL 3-PHASE SGL WINGARM 397 (TASW313) AS PER STD 6033.4012

INSTALL 25kVA 12-240 OH XFMR (TRFNFX) FUSE @ 10T AS PER STD 6025.1000

WO# 593260468

TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2181 FERNDALE TERR.

(UNIT 2-7 X1)

(UNIT 2-24 X1)

(UNIT 3-3 X1)

P29 TO P28:

WO# 101172075

INSTALL #2 OH SEC TPX APPROX. 76FT (ACTUAL: ____ FT)

(UNIT 2-20A X1)

P30: NEW POLE 50FT CLH2 GRID #468068-157501 (STA 27+93.00, L/A = 0°)

WO# 101172075

INSTALL (NEW) 50FT CLH2 (PD50H2) AS PER STD 6010.1000

NOTE: INSTALL TREATED POLE WRAP (MID# 9997789)

NOTE: DEEP SET POLE 2'

INSTALL 3-PHASE SGL WINGARM 397 (TASW313) AS PER STD 6033.4012

INSTALL 1-PHASE 12kV SINGLE ARM, DEADEND (FR13RDE) (NORTH) AS PER STD 6031.5060

NOTE: SLACK SPAN

INSTALL 25kVA 12-240 OH XFMR (TRFNFX) FUSE @ 10T AS PER STD 6025.1000

WO# 593260468

TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2169 & 2177 FERNDALE TERR.

NOTE: CONVERT EXISTING OH SVC TO BRIDLE SERVICE TO S/A 2169 & 2177

(UNIT 2-7 X1)

(UNIT 2-24 X1)

(UNIT 3x3 X2) (UNIT 3-5 X4)

P31: EXISTING 2002 45FT CL3 GRID #468066-157500 (STA 28+15.00, L/A = N/A°)

WO# 593260468

INSTALL (TRANSFER) EXISTING STREET LIGHT (SLAF 4234) TO P30

WO# 108159355

REMOVE POLE STUB AFTER COMMUNICATION TRANSFERS HAVE BEEN COMPLETED

ATTACHED UTILITIES: COMCAST, ZIPLY, AND ASTOUND

(UNIT 2-302 X1)

(UNIT 2-129 X1)

P32: EXISTING 2002 45FT CL3 GRID #468072-157500 (STA 28+15.00, L/A = N/A°)

WO# 101172075

INSTALL 1-PHASE #2 (DE2115) AND INSTALL COVERED JUMPER AS PER STD 6031.1040

NOTE: SLACK SPAN

NORTH SIDE P30 TO P32

WO# 101172075

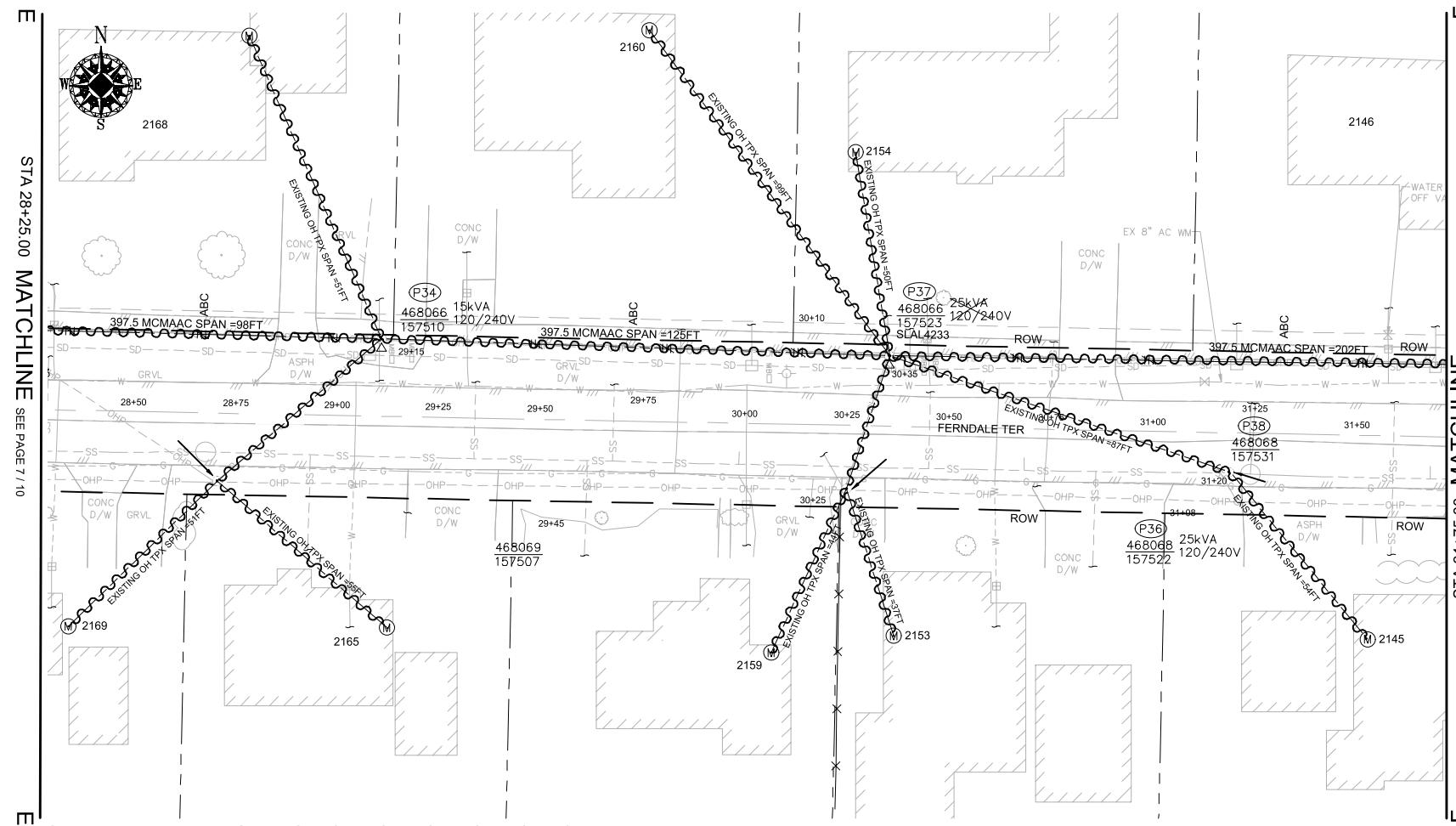
INSTALL 1-PHASE #2 APPROX. 155FT (ACTUAL = ____ FT)

(UNIT 2-15 X155FT)

NOTE: SLACK SPAN

REAL ESTATE/EASEMENT		PERMIT		
RW-133686		FERNDALE		
FUNCTION	CONTACT	PHONE NO		
PROJECT MGR	JANE MAJOR	360-791-2748		
ENGR - POWER	JORDAN VELASCO	360-296-3127		
DRAWN BY	JOHN HATHAWAY	360-201-1340		
CHECKED BY	<i>RS</i>	360-941-2007		
APPROVED BY	JANE MAJOR	360-791-2748		
FOREMAN #1				
FOREMAN #2				
JOINT FACILITIES ARRANGEMENTS				
UTILITIES	ZIPLY	COMCAST	ASTOUND	N/A
CONTACT	MIKE MERRILL	KEN BRIDGES	JEREMIAH STRAND	N/A
PHONE#	615-719-0199	253-278-4268	360-500-9011	
INCIDENT	MAOP			
N/A	N/A			
Gas Order	Elect Order			
101172075	101172075			
SCALE	PAGE			
AS NOTED	16/24			

CITY OF FERNDALE
FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT
2295 FERNDALE TERRACE, FERNDALE WA



SITE #	POLE DATA				POLE		TEMP TRANSFERS			ST. LIGHT TRANSFERS		
	GRID #	HEIGHT	CLASS	YEAR	TOPPED	RMVD	TEL	TV	FIBER	TRAN	RMVD	ID NUMBER
	P34	468066-157510	35FT	3	2003	<input type="checkbox"/>	<input type="checkbox"/>					
P37	468066-157523	45FT	3	2012	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SLAL4233				

TRANSFORMER REMOVAL

Installed at site: P34
Grid Number: 468066-157510
KVA Rating: 15kVA

Foreman to redline the following information
Company ID#: _____
Primary phase connected to: _____
Tested Secondary Voltage 1

TRANSFORMER REMOVAL

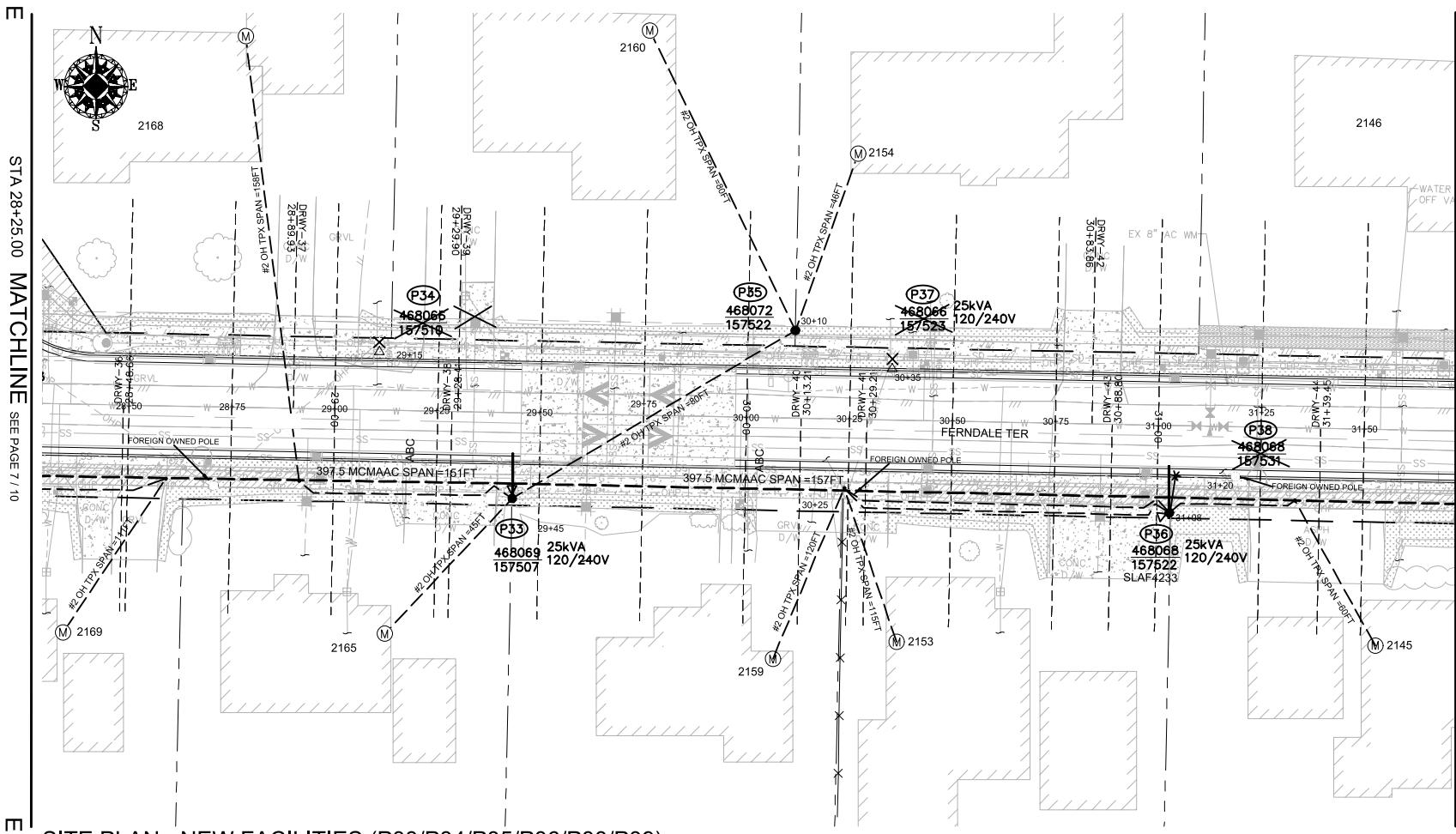
Installed at site: P37
Grid Number: 468066-157523
KVA Rating: 25kVA

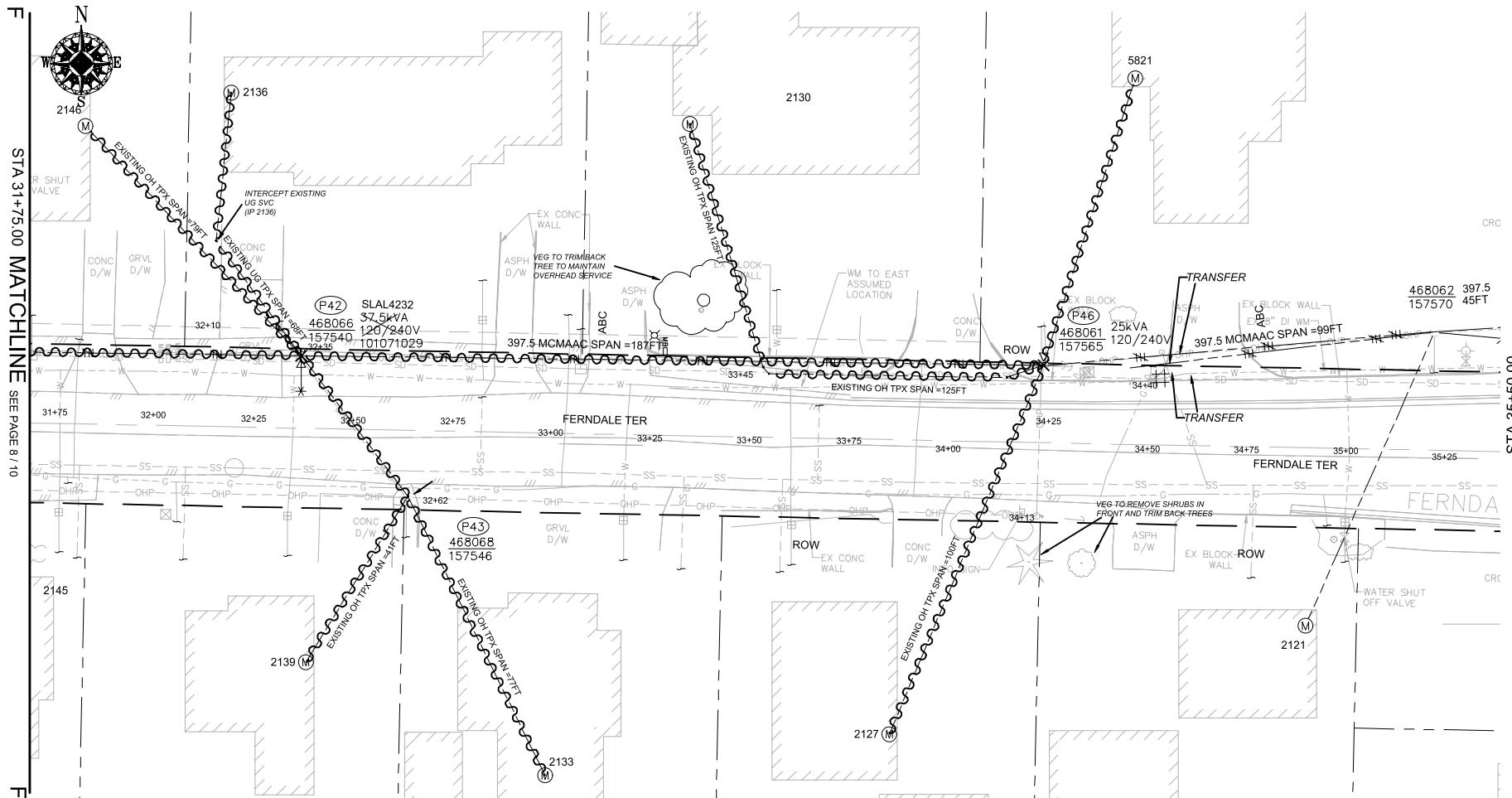
Foreman to redline the following information
Company ID#: _____
Primary phase connected to: _____
Tested Secondary Voltage 1

LOCATION		WIRE SIZE & TYPE	QUANTITY	LENGTH (FT PER CONDUCTOR)	TOTAL LENGTH	REMARKS
P31	P34	397.5 MCM ACSR	3	98	294	A/B/C PHASES
P31	P34	4/0 ACSR NEUT	1	98	98	
P33	P34	EXISTING OH TPX	1	53	53	
P33	S/A 2165	EXISTING OH TPX	1	55	55	
P33	S/A 2169	EXISTING OH TPX	1	51	51	
P34	S/A 2168	EXISTING OH TPX	1	51	51	
P34	P37	397.5 MCM ACSR	3	125	375	A/B/C PHASES
P34	P37	4/0 ACSR NEUT	1	125	125	
P37	S/A 2154	EXISTING OH TPX	1	50	50	
P37	S/A 2160	EXISTING OH TPX	1	99	99	
P36	P37	EXISTING OH TPX	1	37	37	
P36	S/A 2153	EXISTING OH TPX	1	36	36	
P36	S/A 2159	EXISTING OH TPX	1	41	41	
P37	P38	EXISTING OH TPX	1	87	87	
P38	S/A 2145	EXISTING OH TPX	1	54	54	
TOTAL FEET EXISTING OH TPX				614	ACTUAL _____ REMOVED	
TOTAL FEET 4/0 ACSR PRI & NEUT				223	ACTUAL _____ REMOVED	
TOTAL FEET 397.5 MCM ACSR				669	ACTUAL _____ REMOVED	

REAL ESTATE/EASEMENT		PERMIT	
RW-133686		FERNDALE	
FUNCTION	CONTACT	PHONE NO	DATE
PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
COUNTY	WHATCOM	N/A	N/A
REVIEW	DATE	BY	DESCRIPTION
1/4 SEC			ENGR - GAS
T40N R2E S19			N/A
U-MAP NO (POWER)	OH CKT MAP	UG CKT MAP	CIRCUIT NO
A3902E075	D3902E080	R3902E075	VIS-23
JOINT FACILITIES ARRANGEMENTS			
UTILITIES	ZIPLY	COMCAST	ASTOUND
CONTACT	MIKE MERRILL	KEN BRIDGES	JEREMIAH STRAND
PHONE#	615-719-0199	253-278-4268	360-500-9011
INCIDENT	MAOP		
Gas Order	N/A		
Elect Order	101172075		
SCALE	PAGE		
AS NOTED	17/24		

PSI **PUGET SOUND ENERGY** **CITY OF FERNDALE**
FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT
2295 FERNDALE TERRACE, FERNDALE WA





SITE PLAN - DEMOLITION (P42, P43, P46)

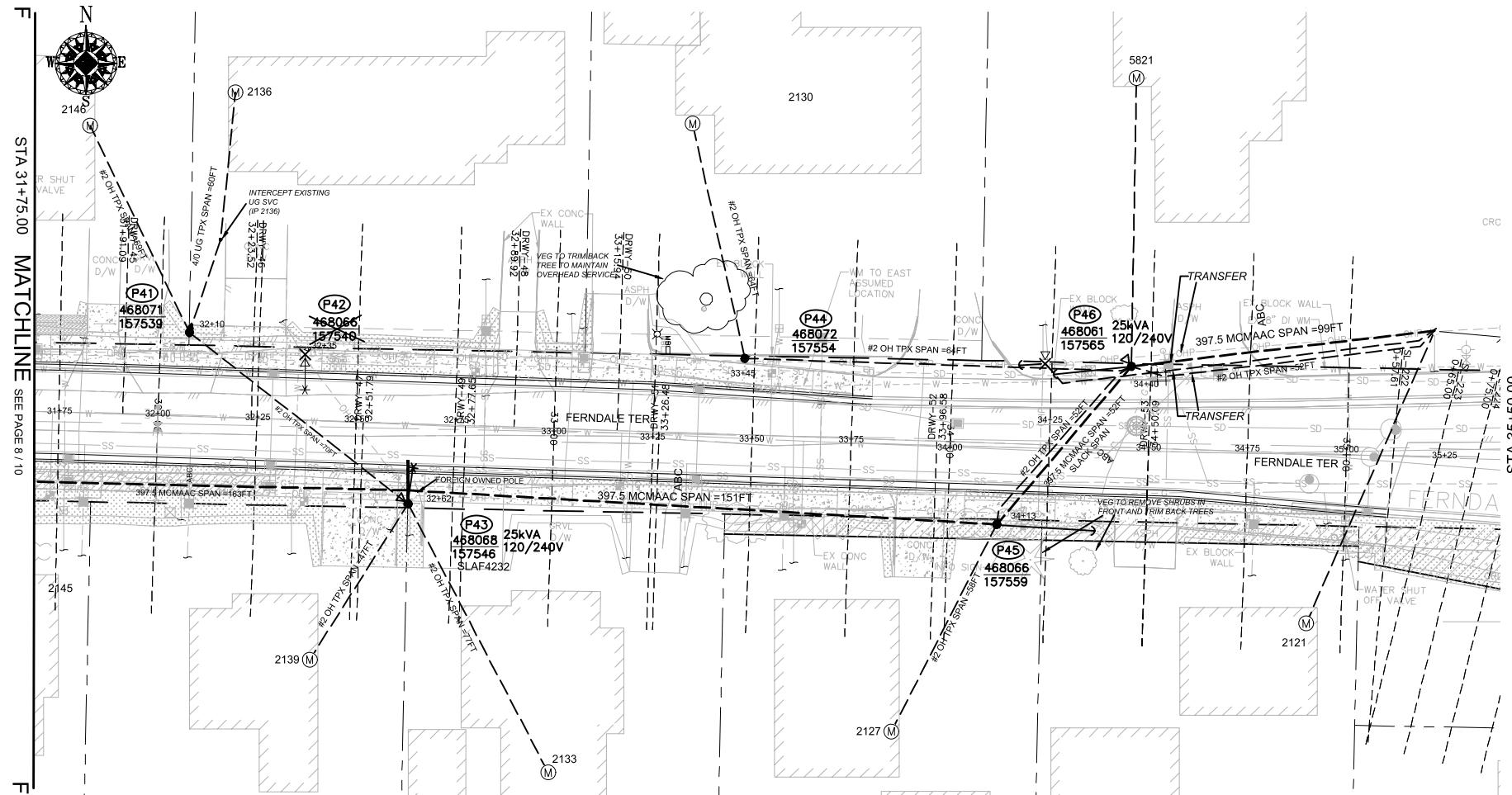
SCALE: 1" = 20'

TRANSFORMER REMOVAL	
Installed at site:	P42
Grid Number:	468066-157540
kVA Rating:	37.5kVA
Foreman to redline the following information	
Company ID#:	_____
Primary phase connected to:	_____
Tested Secondary Voltage	/

TRANSFORMER REMOVAL	
Installed at site:	<u>P46</u>
Grid Number:	<u>468061-157565</u>
kVA Rating:	<u>25kVA</u>
Foreman to redline the following information	
Company ID#:	<hr/>
Primary phase connected to:	<hr/>
Tested Secondary Voltage	<hr/>

WIRE REMOVAL TABLE						
LOCATION		WIRE SIZE & TYPE	QUANTITY	LENGTH (FT PER CONDUCTOR	TOTAL LENGTH	REMARKS
FROM	TO					
P37	P42	397.5 MCM ACSR	3	202	606	A/B/C PHASES
P37	P42	4/0 ACSR NEUT	1	202	202	
P42	S/A 2136	EXISTING OH TPX	1	68	68	
P42	S/A 2146	EXISTING OH TPX	1	79	79	
P42	P43	EXISTING OH TPX	1	44	44	
P43	S/A 2133	EXISTING OH TPX	1	77	77	
P43	S/A 2139	EXISTING OH TPX	1	41	41	
P42	P46	397.5 MCM ACSR	3	187	561	A/B/C PHASES
P42	P46	4/0 ACSR NEUT	1	187	187	
P46	S/A 2127	EXISTING OH TPX	1	100	100	
P46	S/A 2130	EXISTING OH TPX	1	125	125	
TOTAL FEET EXISTING OH TPX					534	ACTUAL_____REMOVED
TOTAL FEET 4/0 ACSR PRI & NEUT					389	ACTUAL_____REMOVED
TOTAL FEET 397.5 MCM ACSR					1167	ACTUAL_____REMOVED

REAL ESTATE/EASEMENT				PERMIT	
RW-133686				FERNDALE	
REV#	DATE	BY	DESCRIPTION	FUNCTION	CONTACT
3				PROJECT MGR	JANE MAJOR
2				ENGR - POWER	JORDAN VELASCO
1				ENGR - GAS	N/A
COUNTY	Emer Sect	Gas Wk Ctr	POWER WK CTR	DRAWN BY	JOHN HATHAWAY
WHATCOM	N/A	N/A	CSPFEPI	CHECKED BY	W. Sculley
1/4 SEC	OP MAP		PLAT MAP	APPROVED BY	JANE MAJOR
T40N R2E S19	N/A		N/A	FOREMAN #1	
U-MAP NO (POWER)	OH CKT MAP	UG CKT MAP	CIRCUIT NO	FOREMAN #2	
A3902E075	D3902E080	R3902E075	VIS-23	MAPPING	
JOINT FACILITIES ARRANGEMENTS					
UTILITIES	ZIPLY	COMCAST	ASTOUND	N/A	
CONTACT	MIKE MERRILL	KEN BRIDGES	JEREMIAH STRAND	N/A	
PHONE#	615-719-0199	253-278-4268	360-500-9011	N/A	
 PUGET SOUND ENERGY				INCIDENT N/A	MAOP N/A
				Gas Order N/A	Elect Order 10112075
				SCALE AS NOTED	PAGE 19/24
CITY OF FERNDALE FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT 2295 FERNDALE TERRACE, FERNDALE WA					



SITE PLAN - NEW FACILITIES (P40-P46)

SCALE: 1" = 20'

SITE SPECIFIC NOTES (CONTINUED) (PART 1)

P41 TO P43:

WO# 101172075
INSTALL #2 OH SEC TPX APPROX. 70FT (ACTUAL: ____ FT)

(UNIT 2-20A X1)

P41: NEW POLE 35FT CL3 GRID# 468071-157539 (STA 32+10.00, L/A = N/A)

WO# 101172075
INSTALL (NEW) 35FT CL3 (PD353) AS PER STD 6010.1000

(UNIT 2-7 X1)

INSTALL RISER, 3" COND SYS STANDOFF (RIS3CSS) AS PER STD 6042.1000

(UNIT 2-24 X1)

WO# 593260468
INSTALL (TRANSFER) EXISTING STREET LIGHT (SLAF 4232) TO P39

(UNIT 2-3 X1)

TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2146 FERNDALE TERR.

(UNIT 2-54A X60FT)

WO# 594162199
INSTALL (REPLACE) 4/0 UG TPX TO S/A 2136 FERNDALE TERR. APPROX. 60FT (ACTUAL: ____ FT)

(UNIT 2-36 X 60FT) (UNIT 2-49 X 60FT)

NOTE: INTERCEPT EXISTING SVC (IP 2136)

TRENCH & INSTALL NEW 3" DB120 CONDUIT APPROX. 60FT (ACTUAL = ____ FT)

(UNIT 2-129 X1)

P42: EXISTING 2012 45FT CL3 GRID# 468066-157540 (STA 32+35.00, L/A = 2°)

WO# 108159355
REMOVE EXISTING 37.5kVA 120/240V OH XFMR

(UNIT 2-7 X1)

REMOVE POLE STUB AFTER COMMUNICATION TRANSFERS HAVE BEEN COMPLETED

(UNIT 2-24 X1)

ATTACHED UTILITIES: COMCAST, ZIPLY, AND ASTOUND

P43: NEW POLE 45FT CLH2 GRID# 468068-157546 (STA 32+62.00, L/A = N/A)

WO# 101172075
INSTALL (NEW) 45FT CLH2 (PD45H2) AS PER STD 6010.1000

(UNIT 3-3 X2)

NOTE: EXISTING ZIPLY OWNED POLE, ZIPLY TO REMOVE

(UNIT 2-302 X1)

INSTALL 3-PHASE SGL WINGARM 397 (TASW313) AS PER STD 6033.4012

INSTALL 25kVA 7-120/240 OH XFMR (TRFNFX) FUSE @ 10T AS PER STD 6025.1000

WO# 593260468
TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2133 & 2139 FERNDALE TERR.

INSTALL (TRANSFER) EXISTING STREET LIGHT (SLAF 4232) FROM P41

(UNIT 2-129 X1)

WIRE STRINGING TABLE						
LOCATION	PRI	SEC	WIRE SIZE & TYPE	QUANTITY	LENGTH (FT PER CONDUCTOR)	REMARKS
FROM	TO					
P41	P43	XX	#2 OH TPX	1	70	70
P43	P45	XX	397.5 MCMAAC	3	151	453
P43	P45	XX	4/0 ACSR NEUT	1	99	99
P45	P46	XX	397.5 MCMAAC	3	52	156
P45	P46	XX	4/0 ACSR NEUT	1	52	52
P45	P46	XX	#2 OH TPX	1	52	52
P44	P46	XX	#2 OH TPX	1	64	64
P41	S/A 2146	XX	#2 OH TPX	1	59	59
P43	S/A 2133	XX	#2 OH TPX	1	77	77
P43	S/A 2139	XX	#2 OH TPX	1	47	47
P44	S/A 2130	XX	#2 OH TPX	1	64	64
P45	S/A 2127	XX	#2 OH TPX	1	58	58
TOTAL FEET 397.5 MCMAAC				609	ACTUAL ____	INSTALLED
TOTAL FEET #2 OH TPX				491	ACTUAL ____	INSTALLED
TOTAL FEET 4/0 NEUT				151	ACTUAL ____	INSTALLED

POLE TABLE (NEW)

SITE	POLE DATA				
	GRID #	HEIGHT	CLASS	YEAR	REMARKS / LOCATION REF
P41	468071-157539	35FT	3		
P43	468068-157546	45FT	H2		
P44	468072-157554	35FT	3		
P45	468066-157559	45FT	H2		
P46	468061-157565	45FT	H2		

TRANSFORMER INSTALLATION

Installed at site: P43
Grid Number: 468068-157546
KVA Rating: 25kVA
Material ID#: 6211250

Foreman to redline the following information

Company ID#: _____
Primary phase connected to: _____
Tested Secondary Voltage /

TRANSFORMER INSTALLATION

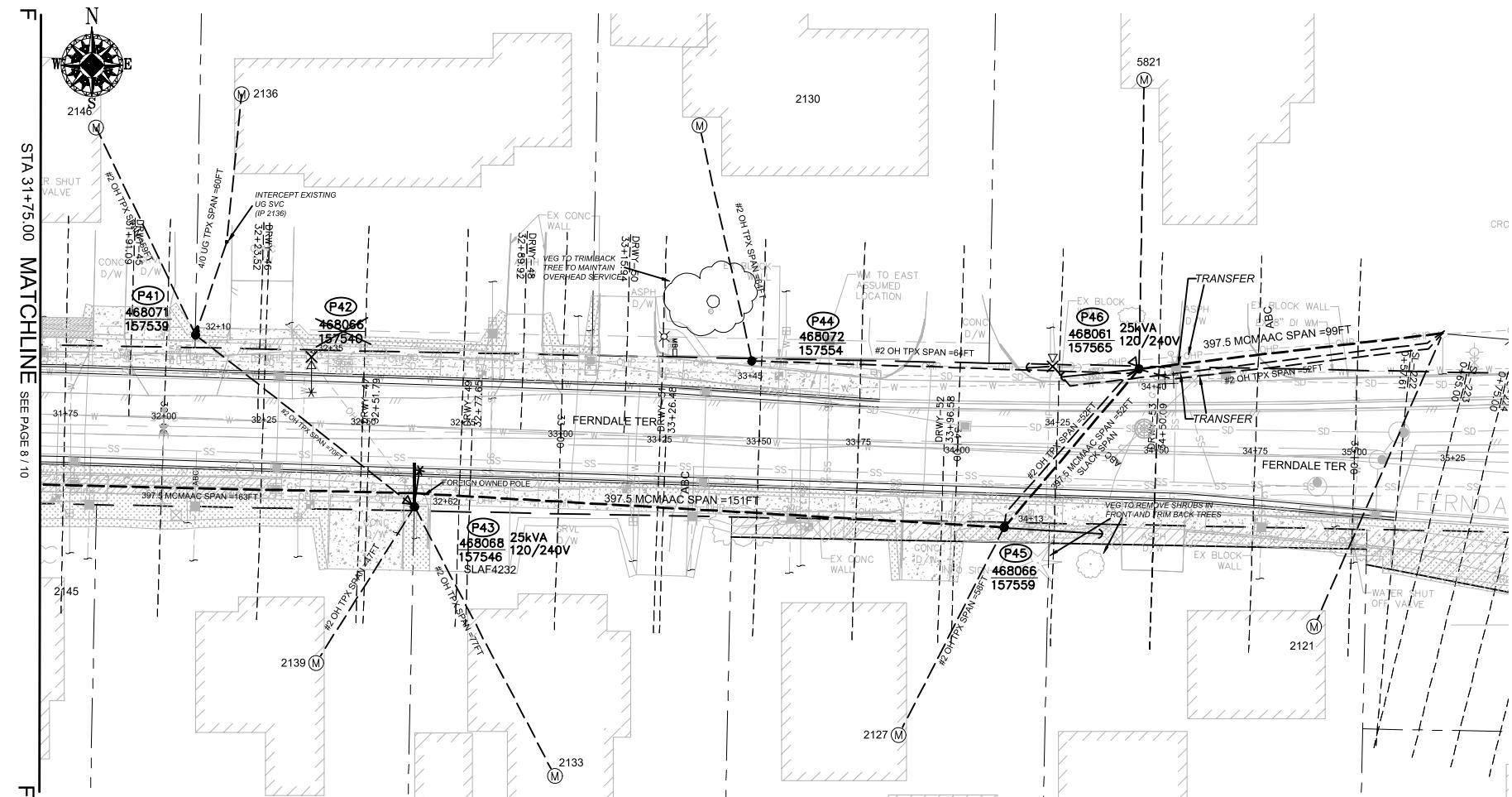
Installed at site: P46
Grid Number: 468061-157565
KVA Rating: 25kVA
Material ID#: 6211250

Foreman to redline the following information

Company ID#: _____
Primary phase connected to: _____
Tested Secondary Voltage /

REAL ESTATE/EASEMENT	PERMIT			
RW-133686	FERNDALE			
FUNCTION	CONTACT	PHONE NO	DATE	
3				
2				
1				
REV#	DATE	BY	DESCRIPTION	
COUNTY	Emer Sect	Gas Wk Ctr	POWER WK CTR	
WHATCOM	N/A	N/A	CSPEPI	
1/4 SEC	OP MAP	PLAT MAP	CHECKED BY	
T40N R2E S19	N/A	N/A	360-941-2007	
U-MAP NO (POWER)	OH CKT MAP	UG CKT MAP	APPROVED BY	
A3902E075	D3902E080	R3902E075	JANE MAJOR	
U-MAP NO (POWER)	OH CKT MAP	UG CKT MAP	FOREMAN #1	
A3902E075	D3902E080	R3902E075	FOREMAN #2	
FUNCTION	CONTACT	PHONE NO	DATE	
ENGR - GAS	N/A	N/A		
ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25	
DRAWN BY	JOHN HATHAWAY	360-201-1340	1/10/25	
APPROVED BY	JANE MAJOR	360-791-2748	1/10/25	
FOREMAN #1				
FOREMAN #2				
MAPPING				
JOINT FACILITIES ARRANGEMENTS				
UTILITIES	ZIPLY	COMCAST	ASTOUND	N/A
CONTACT	MIKE MERRILL	KEN BRIDGES	JEREMIAH STRAND	N/A
PHONE#	615-719-0199	253-278-4268	360-500-9011	N/A
INCIDENT	MAOP	N/A	N/A	
Gas Order	Elect Order	101172075		
SCALE	PAGE			
AS NOTED	20/24			

PSI **PUGET SOUND ENERGY** CITY OF FERNDALE
FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT
2295 FERNDALE TERRACE, FERNDALE WA



SITE SPECIFIC NOTES (CONTINUED) (PART 2)

P44: NEW POLE 35FT CL3 GRID# 468072-157554 (STA 33+45.00, L/A = N/A)
 WO# 101172075
 INSTALL (NEW) 35FT CL3 (PD353) AS PER STD 6010.1000
 WO# 593260468
 TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2130 FERNDALE TERR.

(UNIT 2-7 X1)
 (UNIT 3-3 X1)

P44 TO P46:
 WO# 101172075
 INSTALL #2 OH SEC TPX APPROX. 64FT (ACTUAL: ____ FT)

(UNIT 2-20A X1)

P45: NEW POLE 45FT CLH2 GRID# 468066-157559 (STA 34+13.00, L/A = N/A)
 WO# 101172075
 INSTALL (NEW) 45FT CLH2 (PD45H2) AS PER STD 6010.1000
 INSTALL 3-PHASE HD DE 397 (WEST) (DE3315) AS PER STD 6033.1042
 12KV 3-PHASE SLACK SPAN BUCK 397 AAC (NORTH) (SSFB313) AS PER STD 6033.5010
 INSTALL TRIPLE HELIX ANCHOR 10"-12"-14" (ANDH3) AS PER STD 6012.1000 (LEAD = 20FT EAST)
 INSTALL PRIMARY GUY DBL 7/16" ANC W/AUTO GRIP (GYD75A) AS PER STD 6013.0100
 INSTALL NEUTRAL GUY 3/8" ANC W/AUTO GRIP (GYD35AN) AS PER STD 6013.0100
 WO# 593260468
 TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2127 FERNDALE TERR.

(UNIT 2-7 X1)
 (UNIT 1-8E X1)
 (UNIT 3-3 X1)

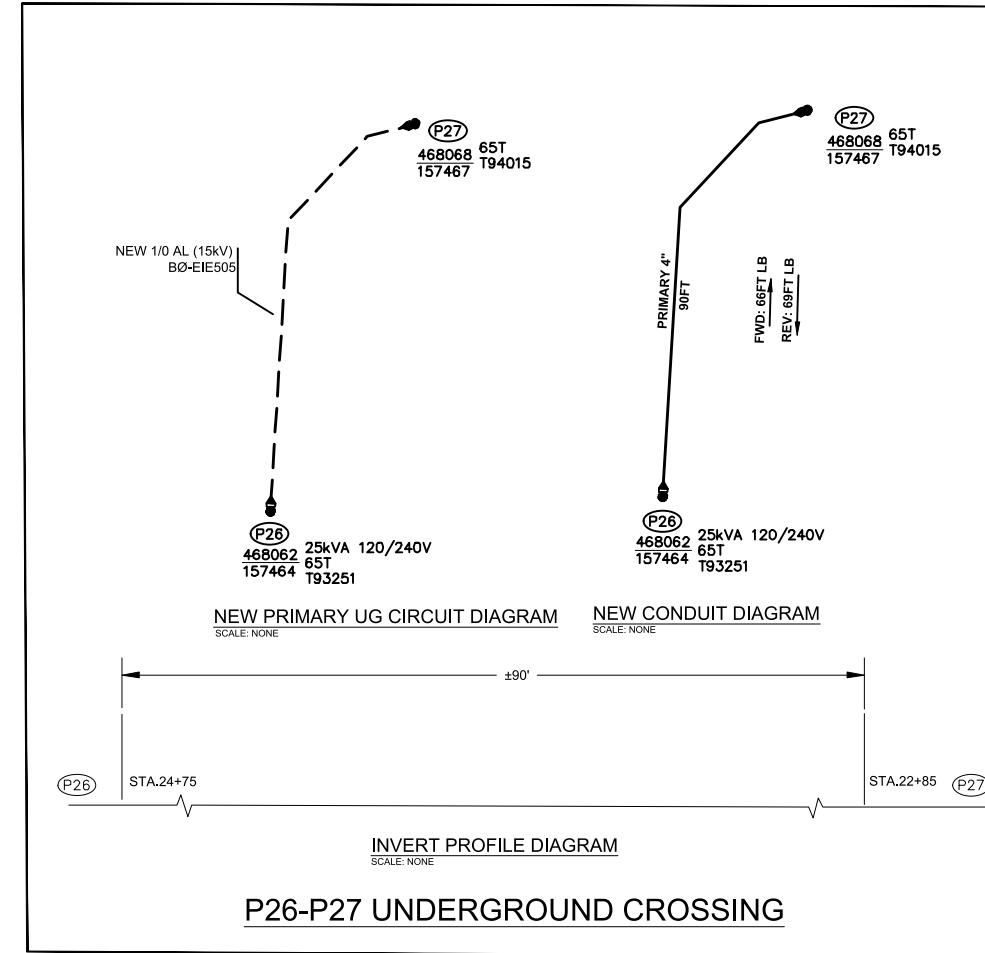
P46: EXISTING 1980 45FT CL4 GRID# 468061-157565 (STA 34+40.00, L/A = N/A)
 WO# 101172075
 INSTALL (REPLACE) 45FT CLH2 (PD45H2) AS PER STD 6010.1000
 INSTALL 3-PHASE HD DE 397 (EAST) (DE3315) AS PER STD 6033.1042
 12KV 3-PHASE SLACK SPAN BUCK 397 AAC (SOUTH) (SSFB313) AS PER STD 6033.5010
 INSTALL 25kVA 7-120/240 OH XFMR (TRFNFX) FUSE @ 10T AS PER STD 6025.1000
 INSTALL TRIPLE HELIX ANCHOR 10"-12"-14" (ANDH3) AS PER STD 6012.1000 (LEAD = 20FT WEST)
 INSTALL PRIMARY GUY DBL 7/16" ANC W/AUTO GRIP (GYD75A) AS PER STD 6013.0100
 INSTALL NEUTRAL GUY 3/8" ANC W/AUTO GRIP (GYD35AN) AS PER STD 6013.0100
 WO# 108159355
 REMOVE EXISTING 25kVA 120/240V OH XFMR
 REMOVE POLE STUB AFTER COMMUNICATION TRANSFERS HAVE BEEN COMPLETED
 ATTACHED UTILITIES: COMCAST, ZIPLY, AND ASTOUND
 WO# 593260468

(UNIT 2-24 X1)
 (UNIT 2-129 X1)

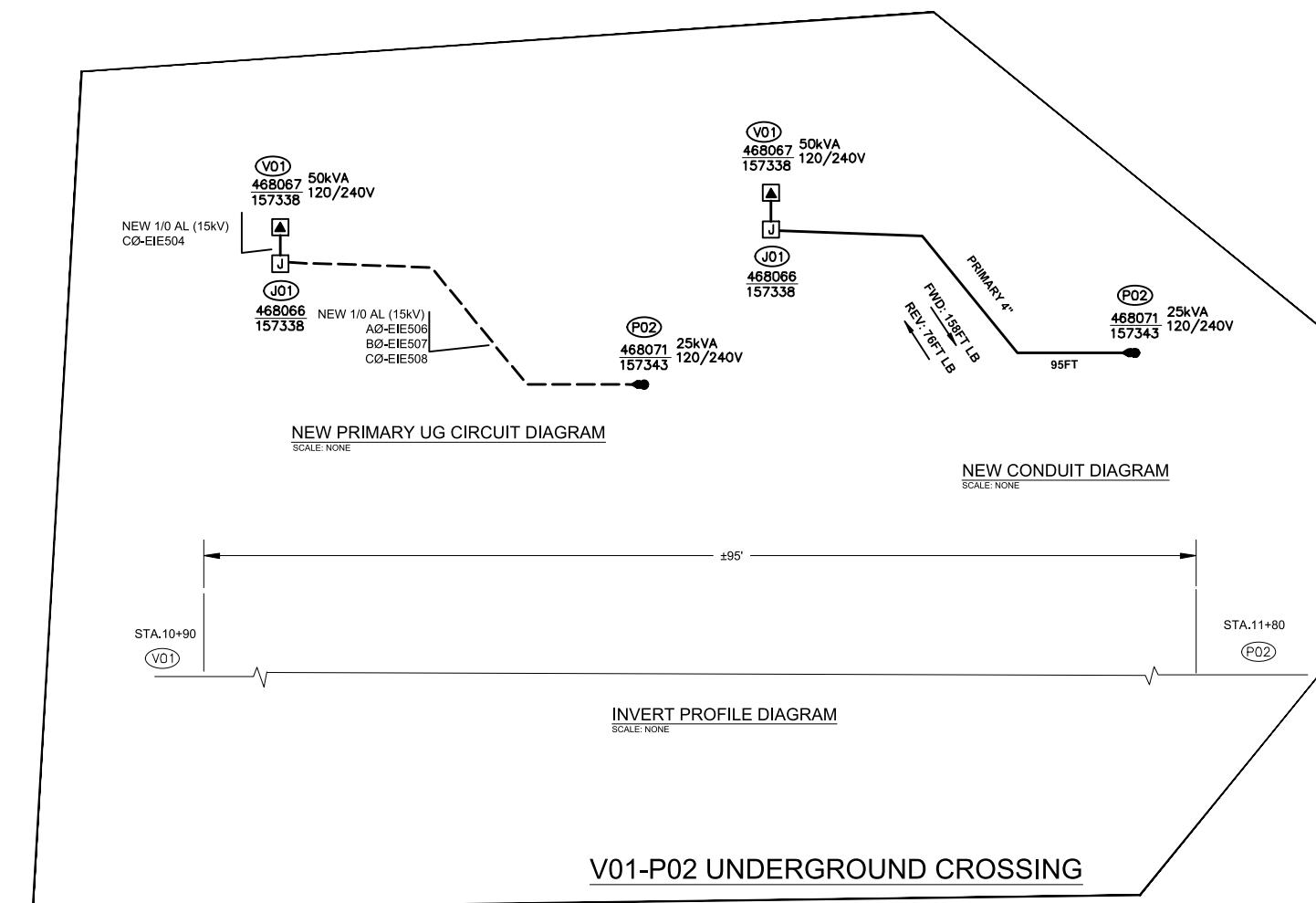
NOTES P45 TO P46:
 WO# 101172075
 INSTALL #2 OH SEC TPX APPROX. 52FT (ACTUAL: ____ FT)

(UNIT 2-20A X1)

REAL ESTATE/EASEMENT			PERMIT	
RW-133686			FERNDALE	
FUNCTION	CONTACT	PHONE NO	DATE	
PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25	
ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25	
COUNTY	WHATCOM	Emer Sect N/A N/A	POWER WK CTR CSPEPI	DRAWN BY JOHN HATHAWAY 360-201-1340 1/10/25
1/4 SEC	T40N R2E S19	OP MAP N/A	PLAT MAP N/A	CHECKED BY 360-941-2007 1/10/25
U-MAP NO (POWER)	U-MAP NO (POWER)	OH CKT MAP D3902E075	UG CKT MAP R3902E075	APPROVED BY JANE MAJOR 360-791-2748 1/10/25
UTILITIES	ZIPLY MIKE MERRILL PHONE#	COMCAST KEN BRIDGES 253-278-4268	ASTOUND JEREMIAH STRAND 360-500-9011	N/A
CONTACT	615-719-0199			
PHONE#				
JOINT FACILITIES ARRANGEMENTS				
PSI	PUGET SOUND ENERGY	CITY OF FERNDALE	INCIDENT MAOP	
		FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT	Gas Order	N/A
		2295 FERNDALE TERRACE, FERNDALE WA	Elect Order	101172075
			SCALE	PAGE
			AS NOTED	21/24



REAL ESTATE/EASEMENT			PERMIT				
RW-133686			FERNDALE				
FUNCTION	CONTACT	PHONE NO	DATE				
3							
2							
1							
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A		
COUNTY	Emer Sect	Gas Wk Ctr	POWER WK CTR	DRAWN BY	JOHN HATHAWAY		
WHATCOM	N/A	N/A	CSPEPI	CHECKED BY	360-941-2007		
1/4 SEC	OP MAP		PLAT MAP	APPROVED BY	JANE MAJOR		
T40N R2E S19	N/A		N/A	FOREMAN #1	360-791-2748		
U-MAP NO (POWER)	OH CKT MAP	UG CKT MAP	CIRCUIT NO	FOREMAN #2			
A3902E075	D3902E080	R3902E075	VIS-23	MAPPING			
JOINT FACILITIES ARRANGEMENTS							
UTILITIES	ZIPLY	COMCAST	ASTOUND	N/A			
CONTACT	MIKE MERRILL	KEN BRIDGES	JEREMIAH STRAND	N/A			
PHONE#	615-719-0199	253-278-4268	360-500-9011				
PSI	PUGET SOUND ENERGY	CITY OF FERNDALE					
		FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT					
		2295 FERNDALE TERRACE, FERNDALE WA					
INCIDENT	MAOP						
Gas Order	N/A						
Elect Order	101172075						
SCALE	PAGE						
AS NOTED	22/24						



REAL ESTATE/EASEMENT			PERMIT				
RW-133686			FERNDALE				
FUNCTION	CONTACT	PHONE NO	DATE				
3							
2							
1							
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A		
COUNTY	Emer Sect	Gas Wk Ctr	POWER WK CTR	DRAWN BY	JOHN HATHAWAY		
WHATCOM	N/A	N/A	CSPEPI	CHECKED BY	360-941-2007		
1/4 SEC	OP MAP		PLAT MAP	APPROVED BY	JANE MAJOR		
T40N R2E S19	N/A		N/A	FOREMAN #1	360-791-2748		
U-MAP NO (POWER)	OH CKT MAP	UG CKT MAP	CIRCUIT NO	FOREMAN #2			
A3902E075	D3902E080	R3902E075	VIS-23	MAPPING			
JOINT FACILITIES ARRANGEMENTS							
UTILITIES	ZIPLY	COMCAST	ASTOUND	N/A			
CONTACT	MIKE MERRILL	KEN BRIDGES	JEREMIAH STRAND	N/A			
PHONE#	615-719-0199	253-278-4268	360-500-9011				
PSI	PUGET SOUND ENERGY	CITY OF FERNDALE					
		FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT					
		2295 FERNDALE TERRACE, FERNDALE WA					
INCIDENT	MAOP						
Gas Order	N/A						
Elect Order	101172075						
SCALE	PAGE						
AS NOTED	23/24						

