



## PUBLIC WORKS DEPARTMENT

2095 MAIN STREET / P.O. BOX 936

FERNDAL, WA 98248

(360) 384-4006

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### 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](mailto: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:

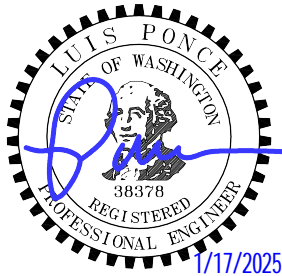
**To the attention of all bidders for the above project:**

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  
**FERNDAL 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), Ziply 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](mailto:jane.major@pse.com)

**Zipty Communications**

Barb Robinson  
(360) 770-6594  
[barbara.robinson@zipty.com](mailto:barbara.robinson@zipty.com)

**Comcast Cable**

Alvin Kuntz  
(425) 293-1009  
[alvin\\_kuntz@cable.comcast.com](mailto:alvin_kuntz@cable.comcast.com)

**Astound (formerly Wave)**

Jeremiah Strand  
(360) 500-9011  
[jeremiah.strand@astound.com](mailto:jeremiah.strand@astound.com)

**Cascade Natural Gas**

Cameron Krier  
(360) 812-5243  
[Cameron.krier@cngc.com](mailto: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](mailto: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.



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Luis Ponce, P.E.

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

( ) SECTION REFERENCE: **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 REFERENCE

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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**  
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( ) SECTION REFERENCE: **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)		
			\$	0
			CALC	\$ 0
26	0 CALC	COMPACTION PRICE ADJUSTMENT (5-04)		
			\$	0
			CALC	\$ 0
27	1 CALC	ASPHALT COST PRICE ADJUSTMENT (5-04)		
			\$	20,000.00
			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**  
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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**  
**FERNDAL TERRACE PROJECT, VISTA DRIVE TO HENDRICKSON AVENUE**

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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**  
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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	

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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	

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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**  
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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 REFERENCE

**ADDENDUM NUMBER 1**

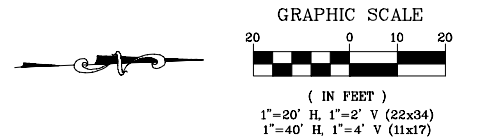
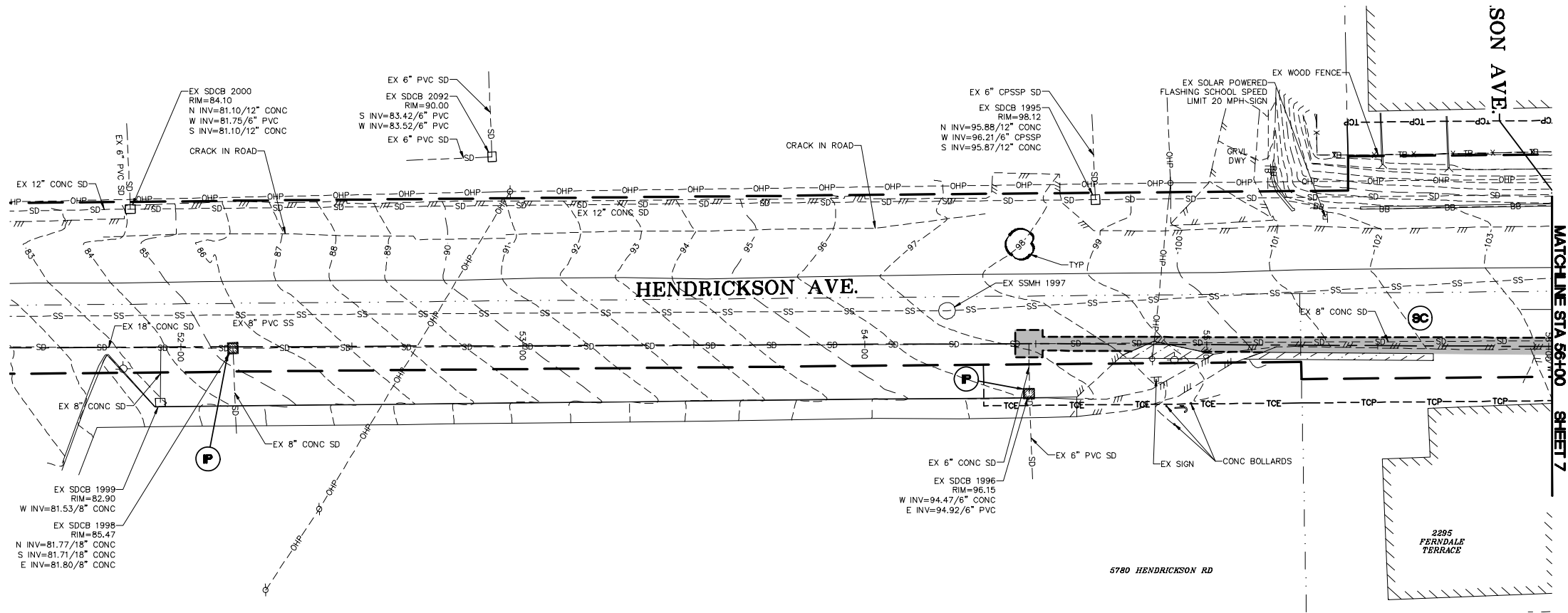
January 17, 2025

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

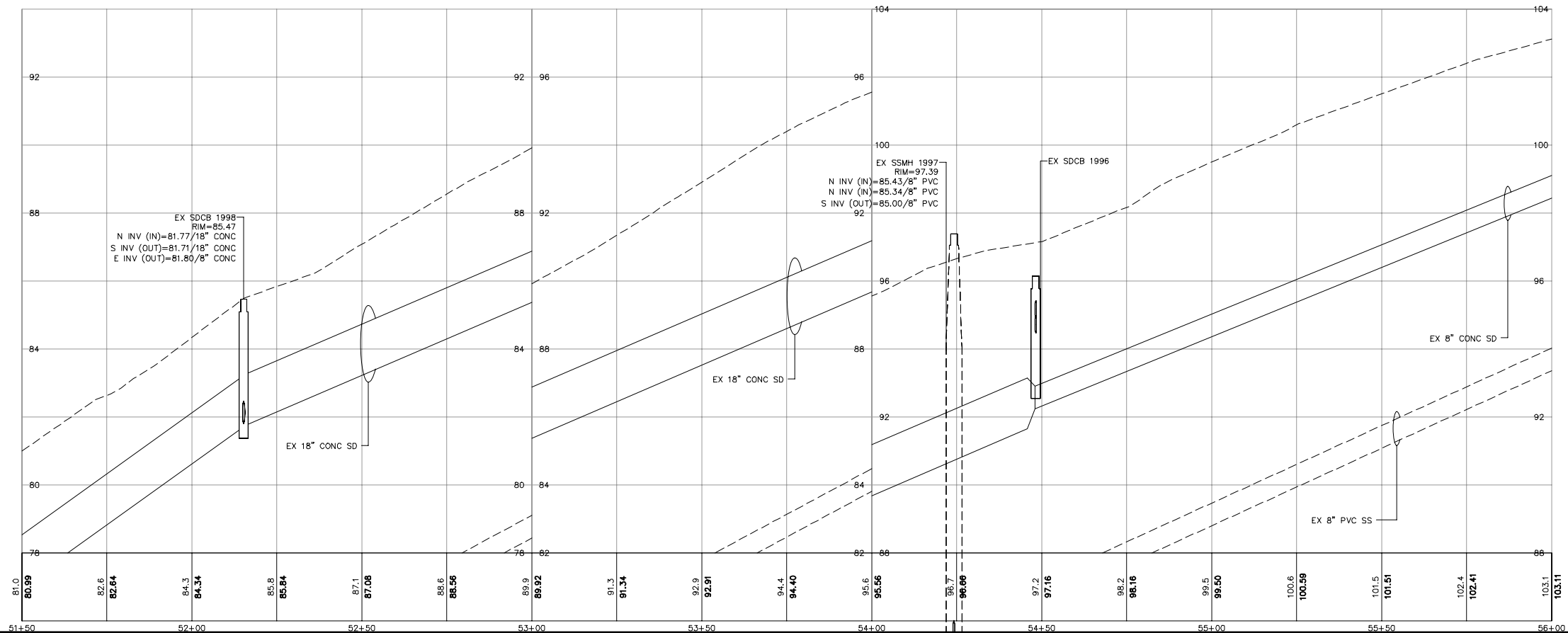
WASHINGTON STATE DEPT. OF ECOLOGY BEST MANAGEMENT PRACTICES (BMP)  
REF.: STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON, 2019

### NOTES:

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

- SF — **8F** = BMP C103 AND C233: CLEARING LIMITS AND SILT FENCE — SEE DETAIL SHEET 13
- P** = BMP C220: INLET PROTECTION — CB INSERT — SEE DETAIL SHEET 13
- 8C** = 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

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

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

CITY OF FERNDAL  
2095 MAIN ST  
FERNDAL, WA 98248

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

DWG 18023 EX COND

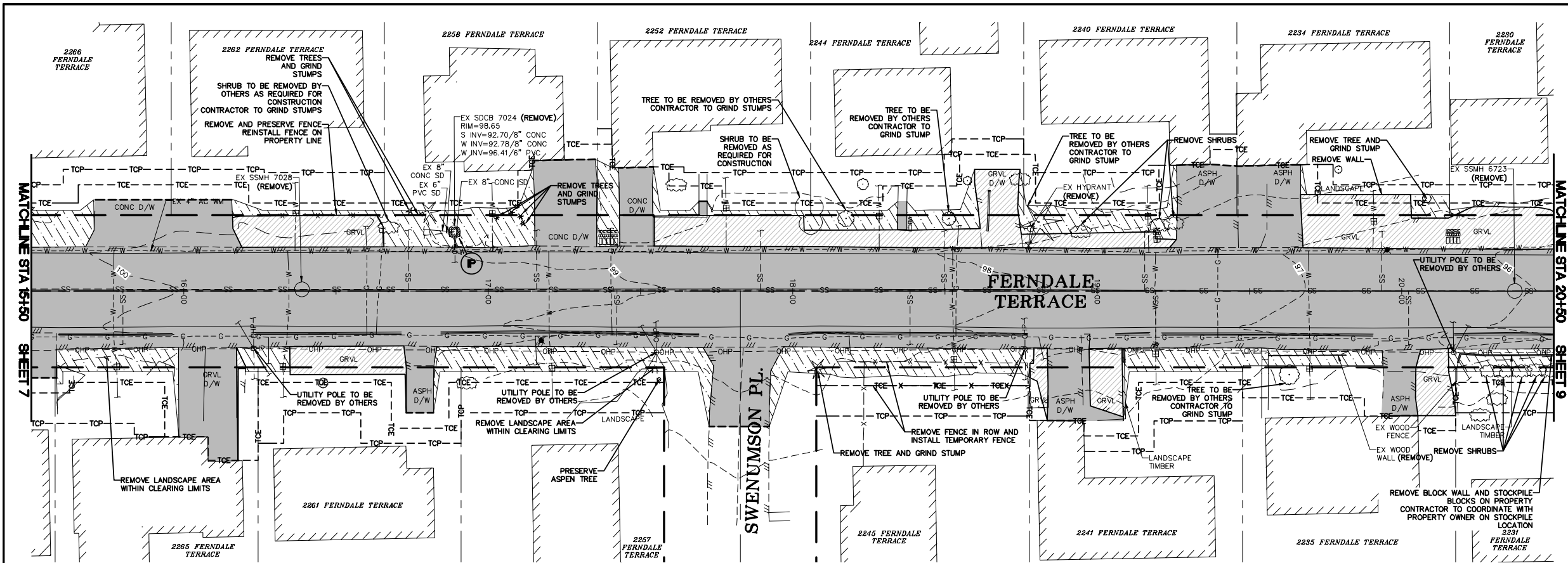
JOB#  
18023

SCALE  
H: 1" = 20' V: 1" = 2'

DATE  
1/17/25  
SHEET  
6  
of 85



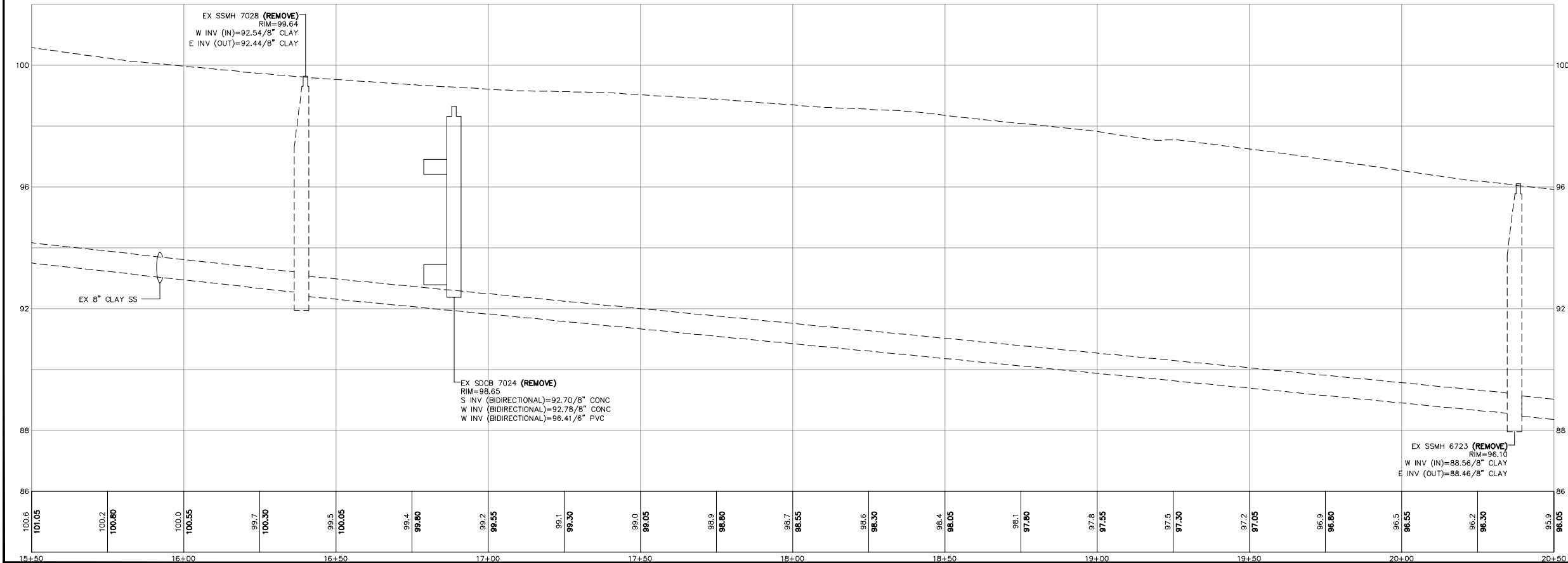
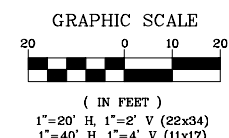




# EROSION CONTROL LEGEND

WASHINGTON STATE DEPT. OF ECOLOGY BEST MANAGEMENT PRACTICES (BMP)  
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- P** = BMP C220: INLET PROTECTION - CB INSERT - SEE DETAIL SHEET 13
- SC** = BMP C105 AND C140: STREET CLEANING



BID SET

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GS/LMH  
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GS/LMH  
CHECKED BY  
LP

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ENGINEERING INC  
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Lynden, WA 98264 (360) 354-3687

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

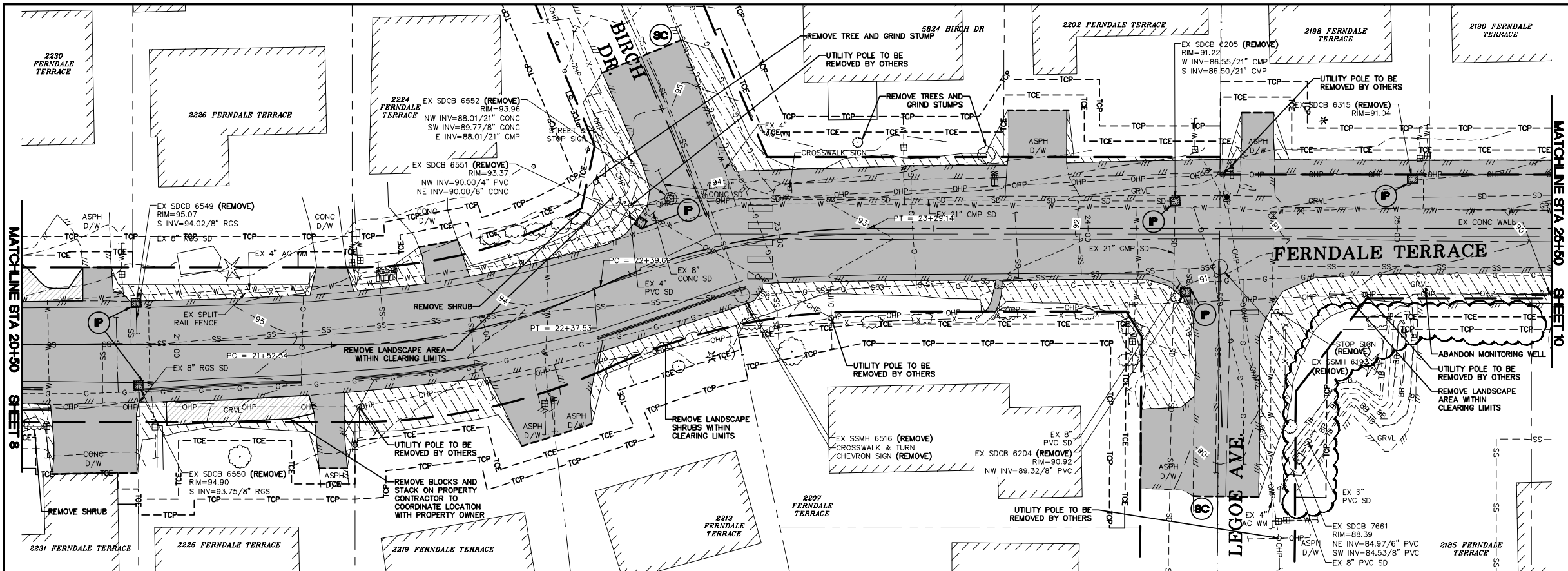
CITY OF FERDALE  
2095 MAIN ST  
FERDALE, WA 98248

FERDALE 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
JOB#	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:
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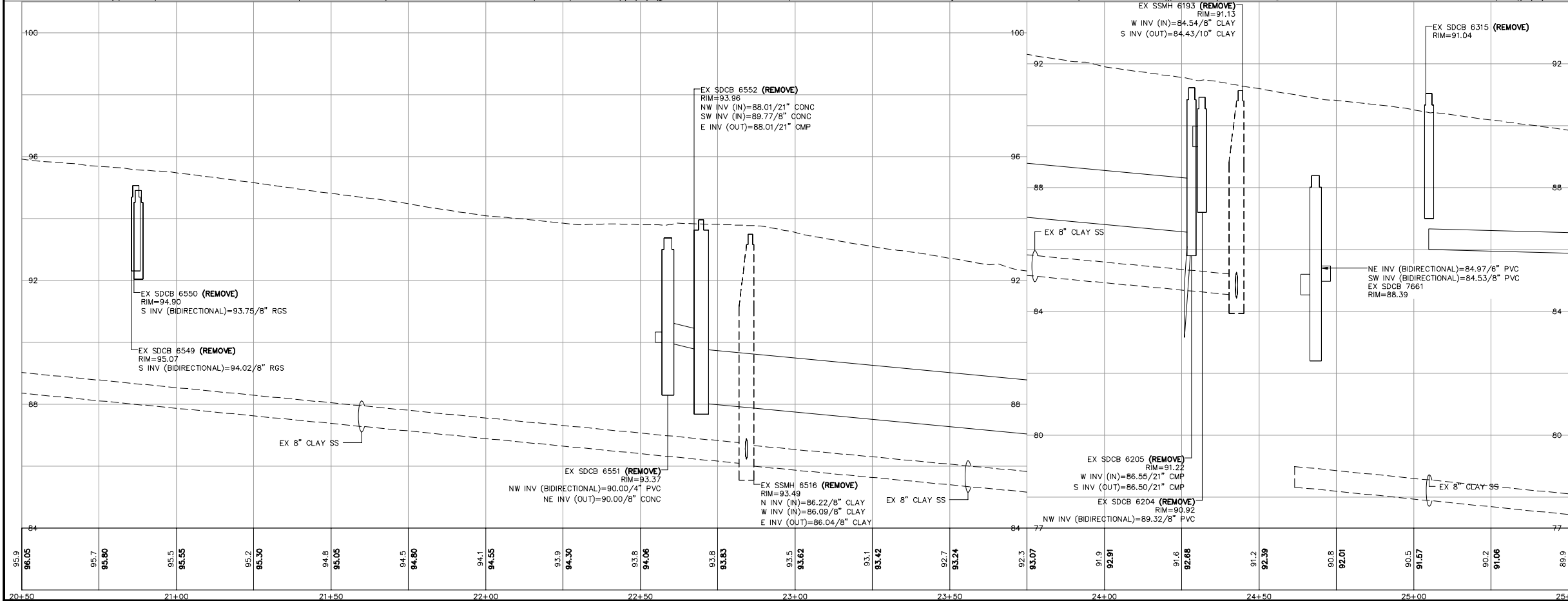
- SF — **(SF)** = BMP C103 AND C233: CLEARING LIMITS AND SILT FENCE — SEE DETAIL SHEET 13
- (P)** = BMP C220: INLET PROTECTION - CB INSERT - SEE DETAIL SHEET 13
- (BC)** = BMP C105 AND C140: STREET CLEANING



## GRAPHIC SCALE



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



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LP

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

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

CITY OF FERDALE  
2095 MAIN ST  
FERDALE, WA 98248

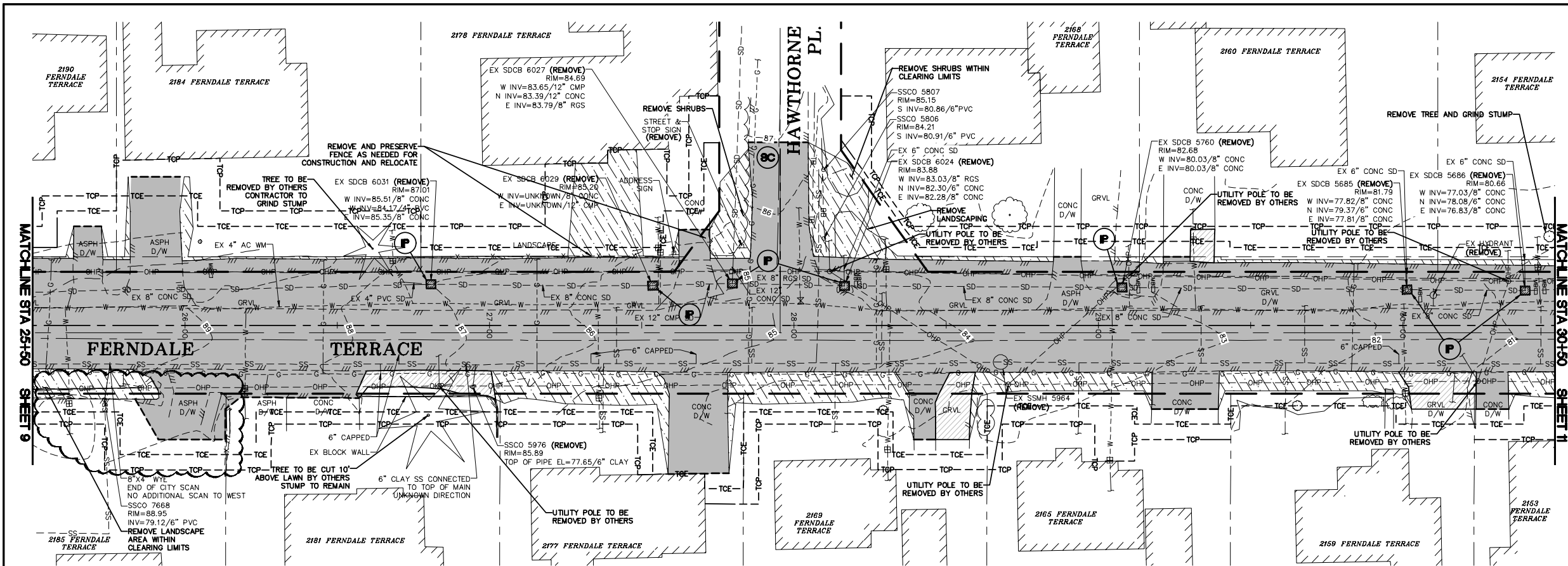
FERDALE TERRACE PROJECT  
VISTA DRIVE TO HENDRICKSON AVENUE  
EX COND, DEMO AND TESC - STA 20+50 TO 25+50

DWG 18023 EX COND  
JOB# 18023

SCALE  
H: 1" = 20' V: 1" = 5'

DATE 1/17/25  
SHEET 9 of 85





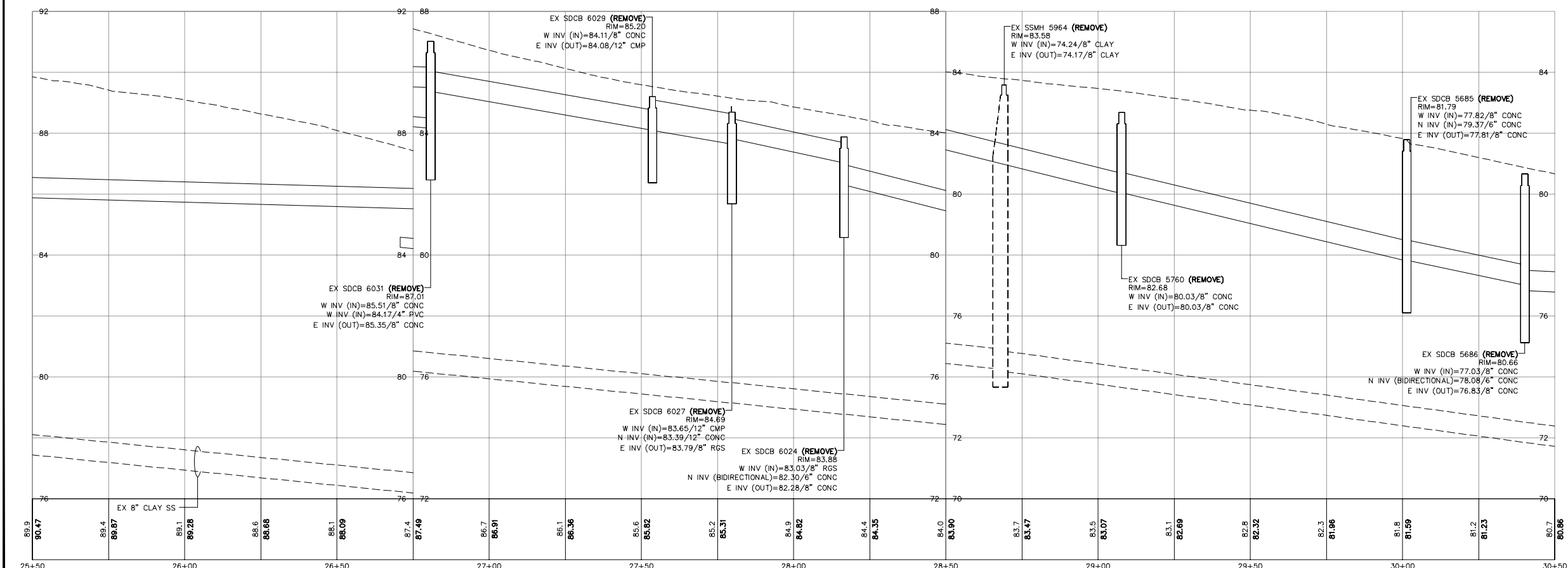
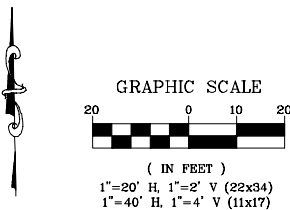
# EROSION CONTROL LEGEND

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

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- (SC)** = BMP C105 AND C140: STREET CLEANING



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LP

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Lynden, WA 98264 (360) 354-3687

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

CITY OF FERDALE  
2095 MAIN ST  
FERDALE, WA 98248

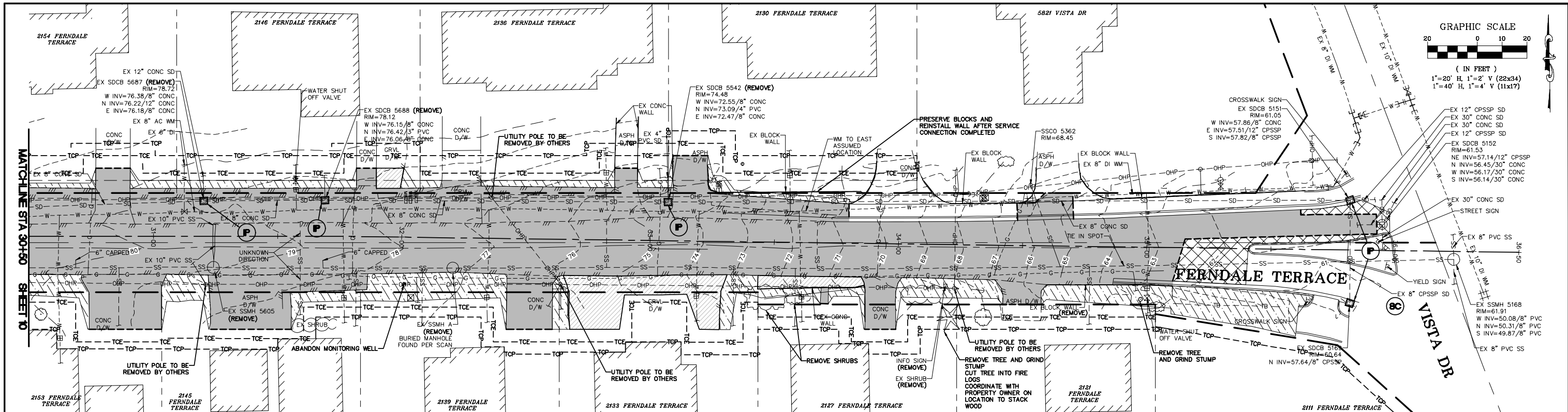
FERDALE TERRACE PROJECT  
VISTA DRIVE TO HENDRICKSON AVENUE  
EX COND, DEMO AND TESC - STA 25+50 TO 30+50

DWG 18023 EX COND  
JOB# 18023

SCALE  
H: 1" = 20' V: 1" = 2'

DATE 1/17/25  
SHEET 10 of 85

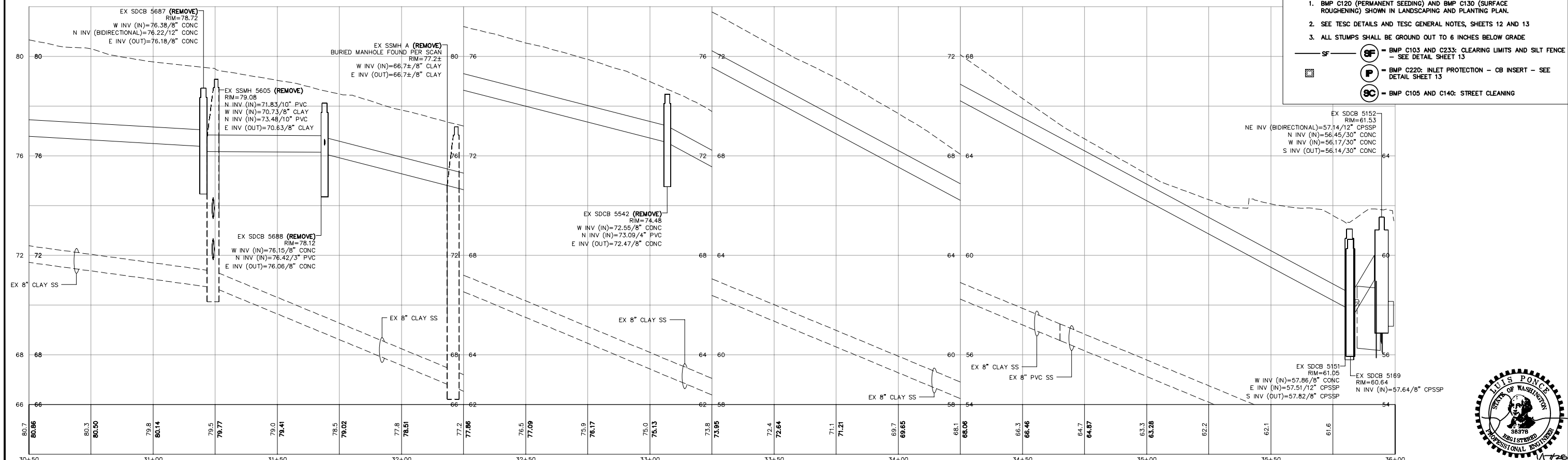




### EROSION CONTROL LEGEND

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

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- = BMP C220: INLET PROTECTION — CB INSERT — SEE DETAIL SHEET 13
- ⊙ = BMP C105 AND C140: STREET CLEANING



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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
1	1/17/25	ADDENDUM 1	GS

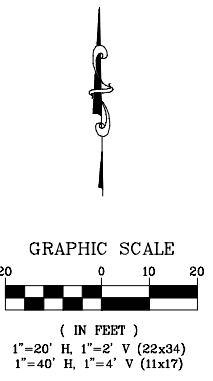
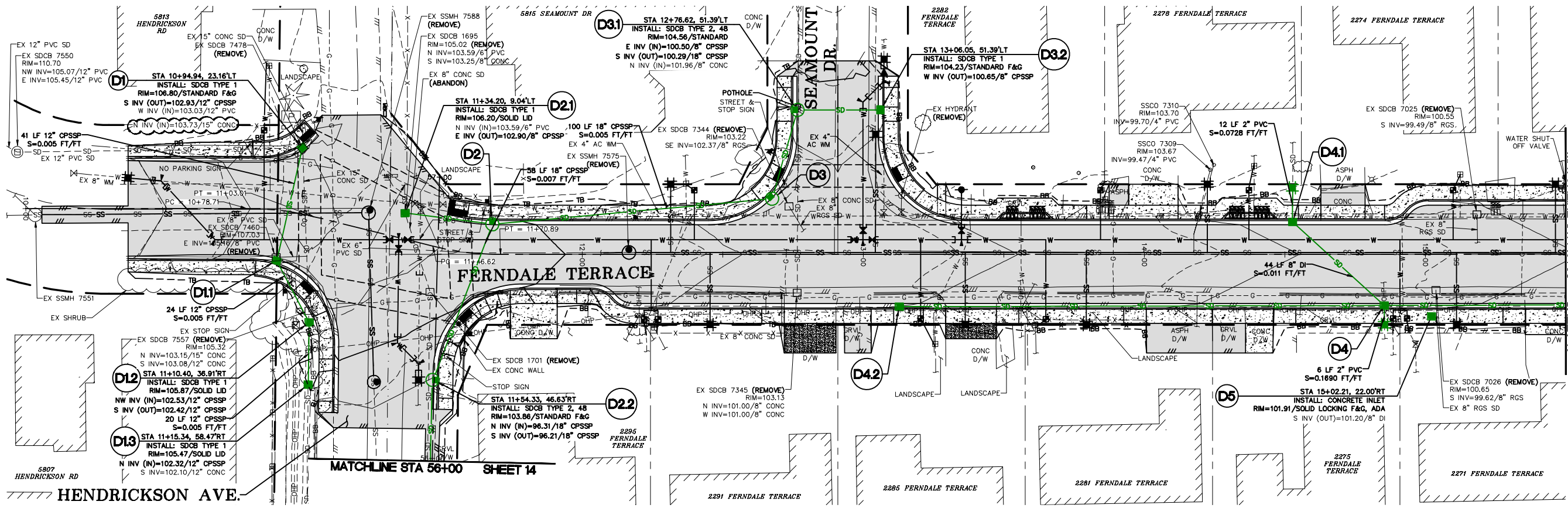
CITY OF FERDALE  
2095 MAIN ST  
FERDALE, WA 98248

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

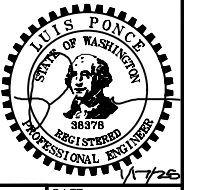
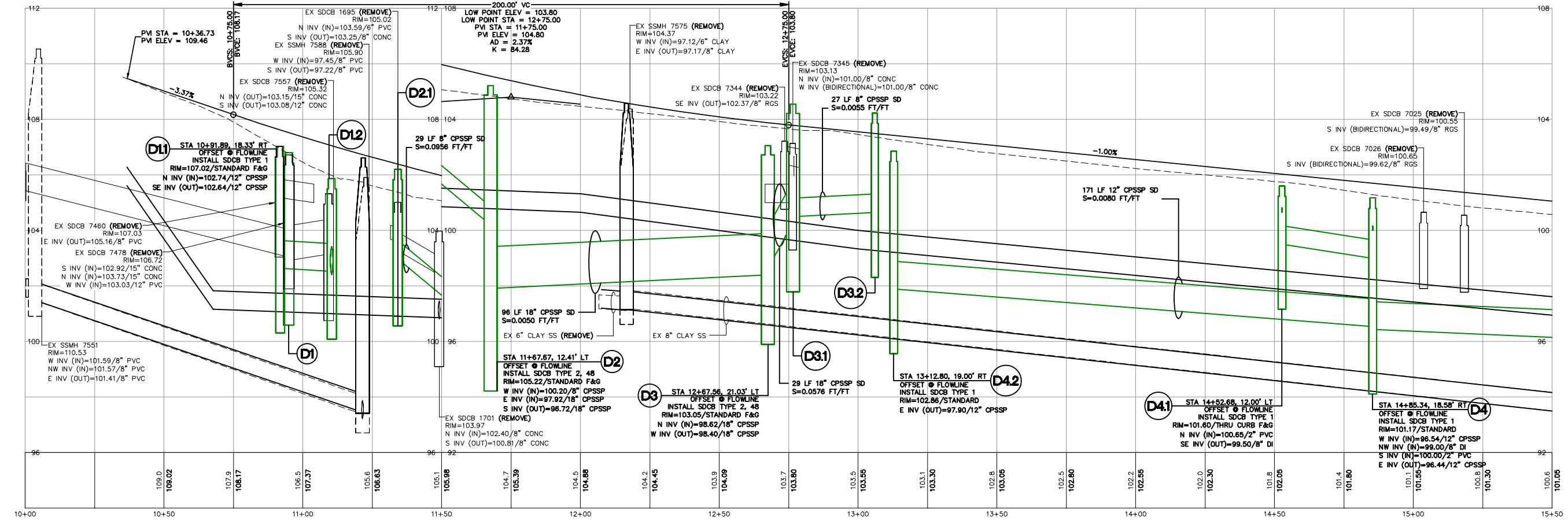
DWG 18023 EX COND  
JOB# 18023  
SCALE H: 1" = 20' V: 1" = 2'

DATE 1/17/25  
SHEET 11 of 85



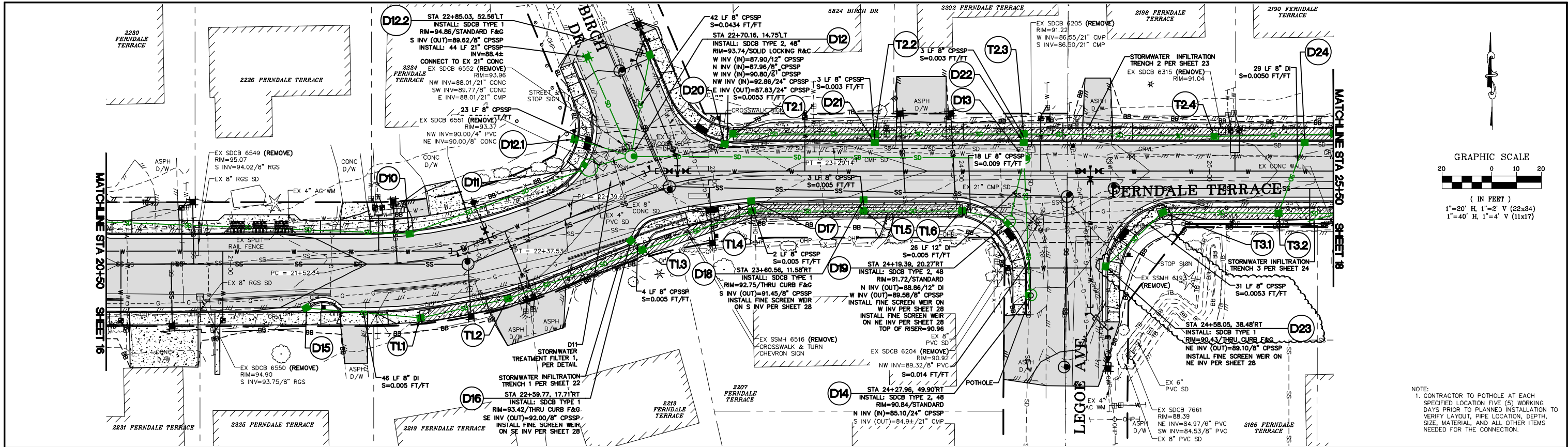


NOTE:  
1. CONTRACTOR TO POTHOLE AT EACH SPECIFIED LOCATION FIVE (5) WORKING DAYS PRIOR TO PLANNED INSTALLATION TO VERIFY LAYOUT, PIPE LOCATION, DEPTH, SIZE, MATERIAL, AND ALL OTHER ITEMS NEEDED FOR THE CONNECTION.

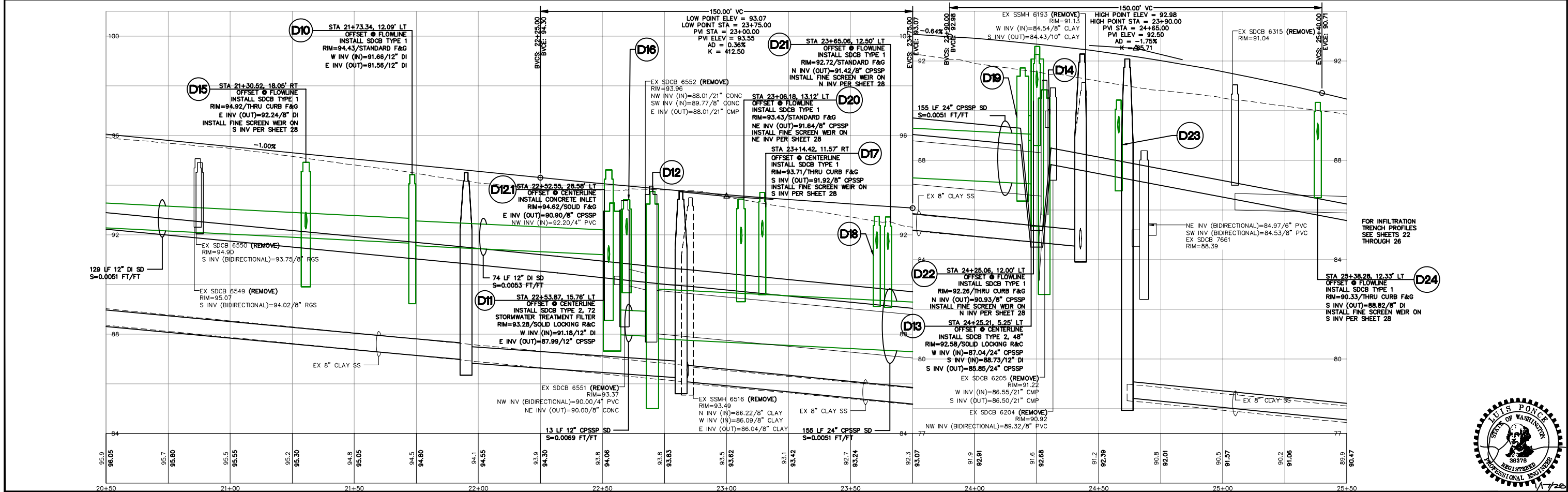


BID SET		DESIGNED BY GS/LMH		DRAWN BY GS/LMH		CHECKED BY LP		R&E Reichhardt & Ebe ENGINEERING INC P.O. Box 978   423 Front Street Lynden, WA 98264 (360) 354-3687		CITY OF FERDALE 2095 MAIN ST FERDALE, WA 98248		FERDALE TERRACE PROJECT VISTA DRIVE TO HENDRICKSON AVENUE STORM PLAN - STA 10+00 TO 15+50		DWG 18023 PLANS		DATE 1/17/25	
		1		1/17/25		ADDENDUM 1		GS						JOB# 18023		SCALE H: 1" = 20' V: 1" = 2'	
		NO.		DATE		DESCRIPTION		BY								SHEET 15 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  
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
1	1/17/25	ADDENDUM 1	GS

CITY OF FERDALE  
2095 MAIN ST  
FERDALE, WA 98248

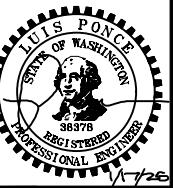
FERDALE TERRACE PROJECT  
VISTA DRIVE TO HENDRICKSON AVENUE  
STORM PLAN - STA 20+50 TO 25+50

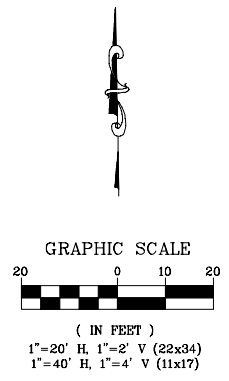
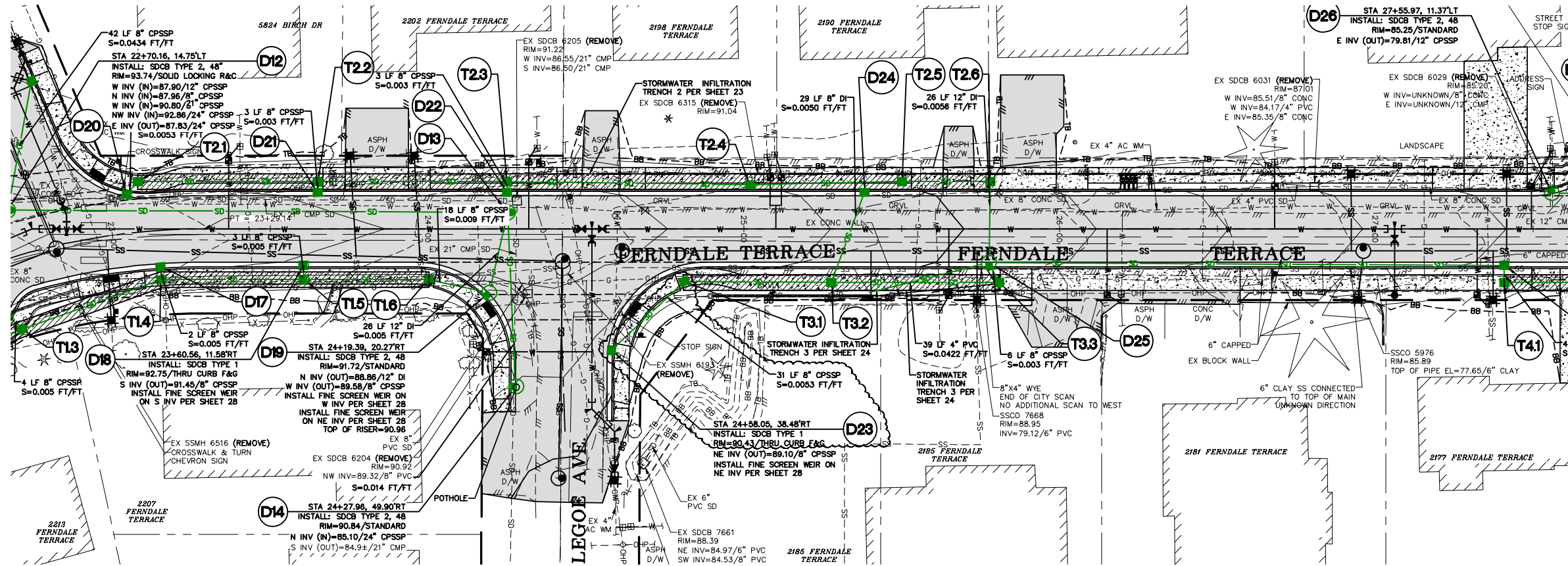
DWG 18023 PLANS

JOB#  
18023

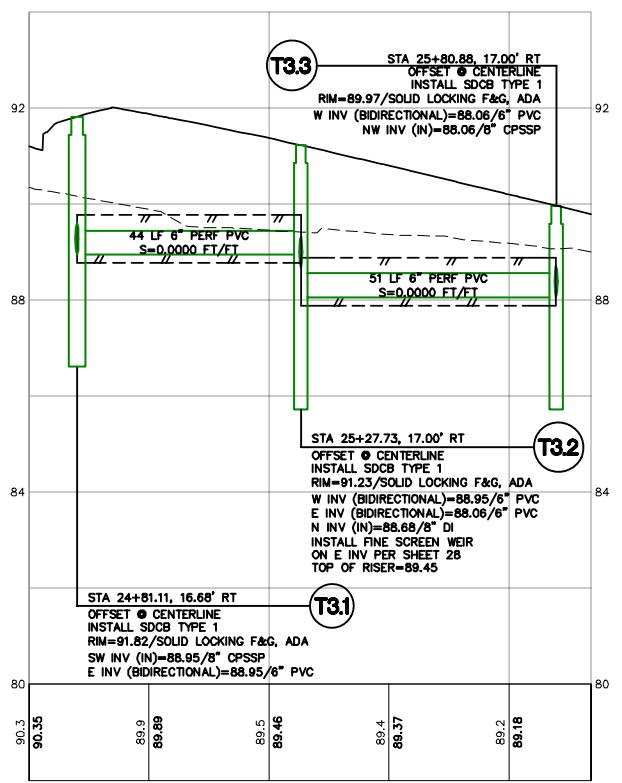
SCALE  
H: 1" = 20' V: 1" = 2'

DATE  
1/17/25  
SHEET  
17  
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.

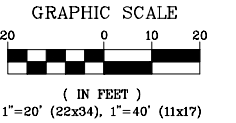
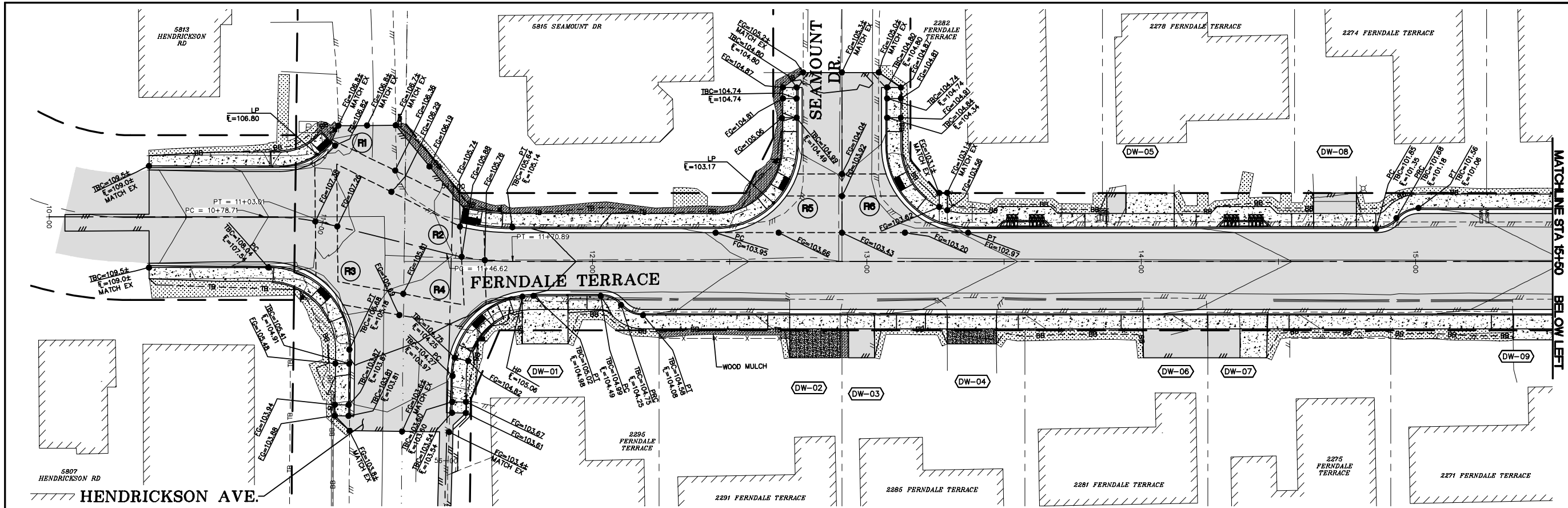


FOR INFILTRATION TRENCH DETAILS SEE SHEET 28



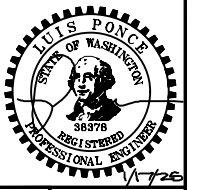
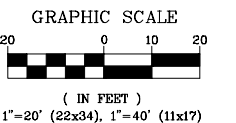
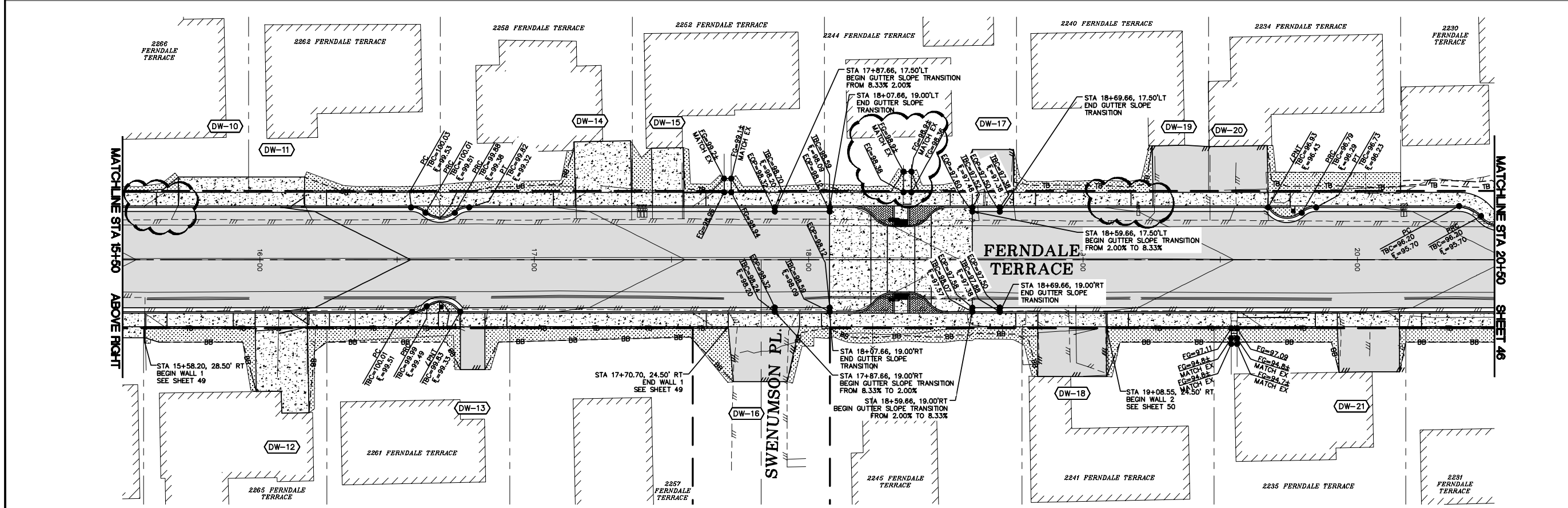
BID SET	DESIGNED BY GS/LMH	<div><div><div>R&amp;E</div><div>Reichhardt &amp; Ebe</div><div>ENGINEERING INC</div></div><div>P.O. Box 978   423 Front Street Lynden, WA 98264 (360) 354-3687</div></div>					CITY OF FERNDAL 2095 MAIN ST FERNDAL, WA 98248	FERNDAL TERRACE PROJECT VISTA DRIVE TO HENDRICKSON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





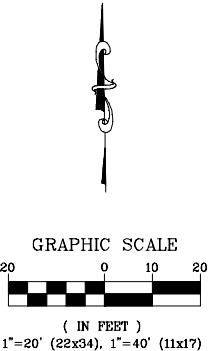
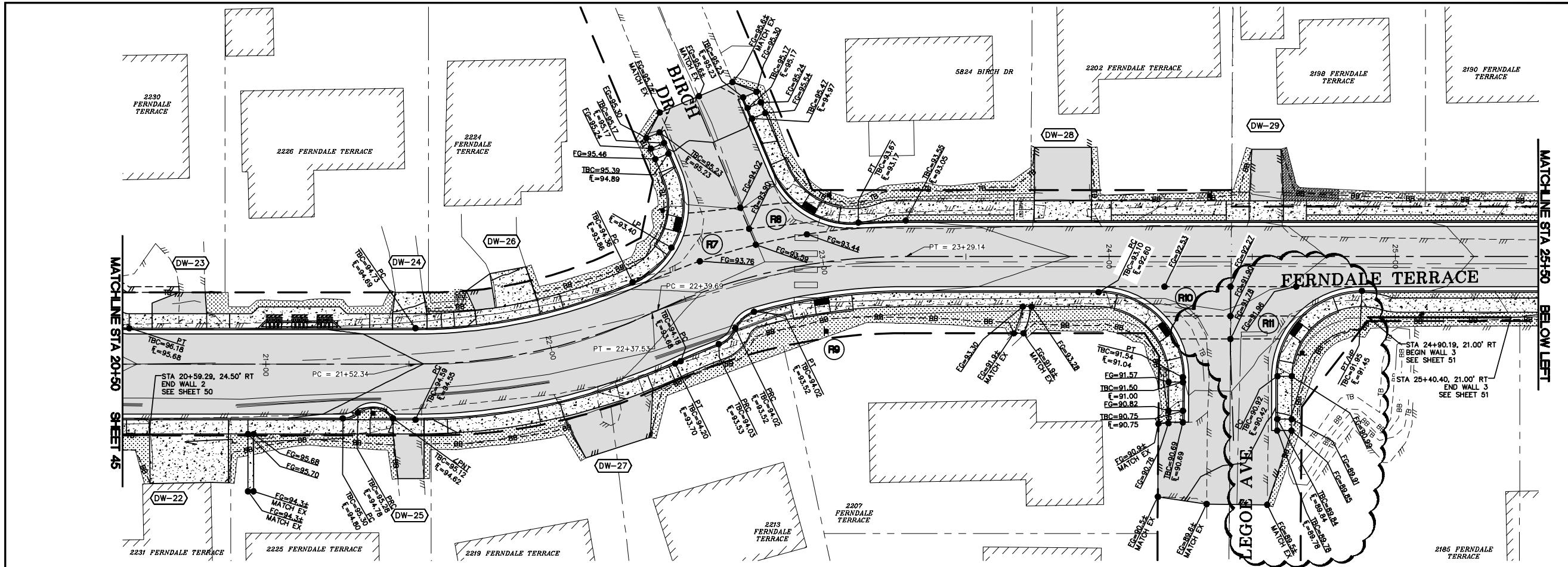
**LEGEND**

- RX = CURB RAMP
- DW-XX = DRIVEWAY
- SEE SHEET 52 - 56 FOR CURB RAMP DETAILS
- SEE SHEET 57 - 70 FOR DRIVEWAY GRADING DETAILS



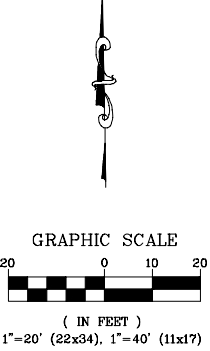
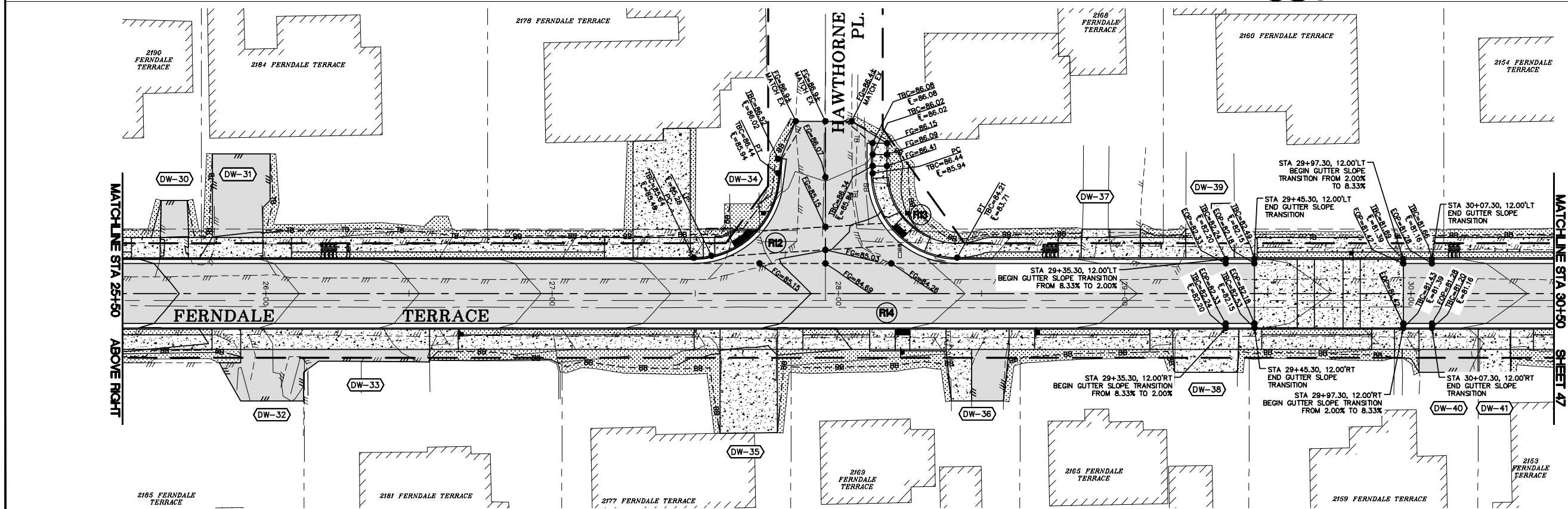
<div>BID SET</div>	DESIGNED BY GS/LMH	<div><div>R&amp;E</div><div>Reichhardt &amp; Ebe</div><div>ENGINEERING INC</div><div>P.O. Box 978   423 Front Street</div><div>Lynden, WA 98264 (360) 354-3687</div></div>					CITY OF FERDALE 2095 MAIN ST FERDALE, WA 98248	FERDALE TERRACE PROJECT VISTA DRIVE TO HENDRICKSON AVENUE GRADING PLAN - STA 10+00 TO 20+50	DWG 18023 GRADE	DATE 1/17/25	
	DRAWN BY GS/LMH								JOB# 18023	SCALE H: 1" = 20' V: N/A	SHEET 45 of 85
	CHECKED BY LP		1	1/17/25	ADDENDUM 1	GS					
			NO.	DATE	DESCRIPTION	BY					

P:\Projects\18023\18023.dwg, 45 GRADING PLAN - STA 10+00 TO 20+50, 1/17/2025 1:08:05 PM, AutoCAD PLOT (General Documentation).pc3



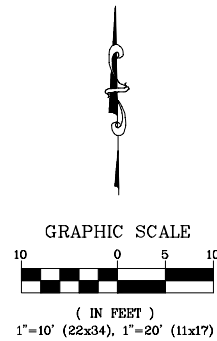
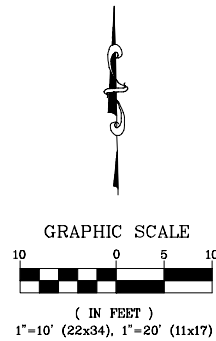
LEGEND

- = CURB RAMP
- = DRIVEWAY
- SEE SHEET 52 - 56 FOR CURB RAMP DETAILS
- SEE SHEET 57 - 70 FOR DRIVEWAY GRADING DETAILS

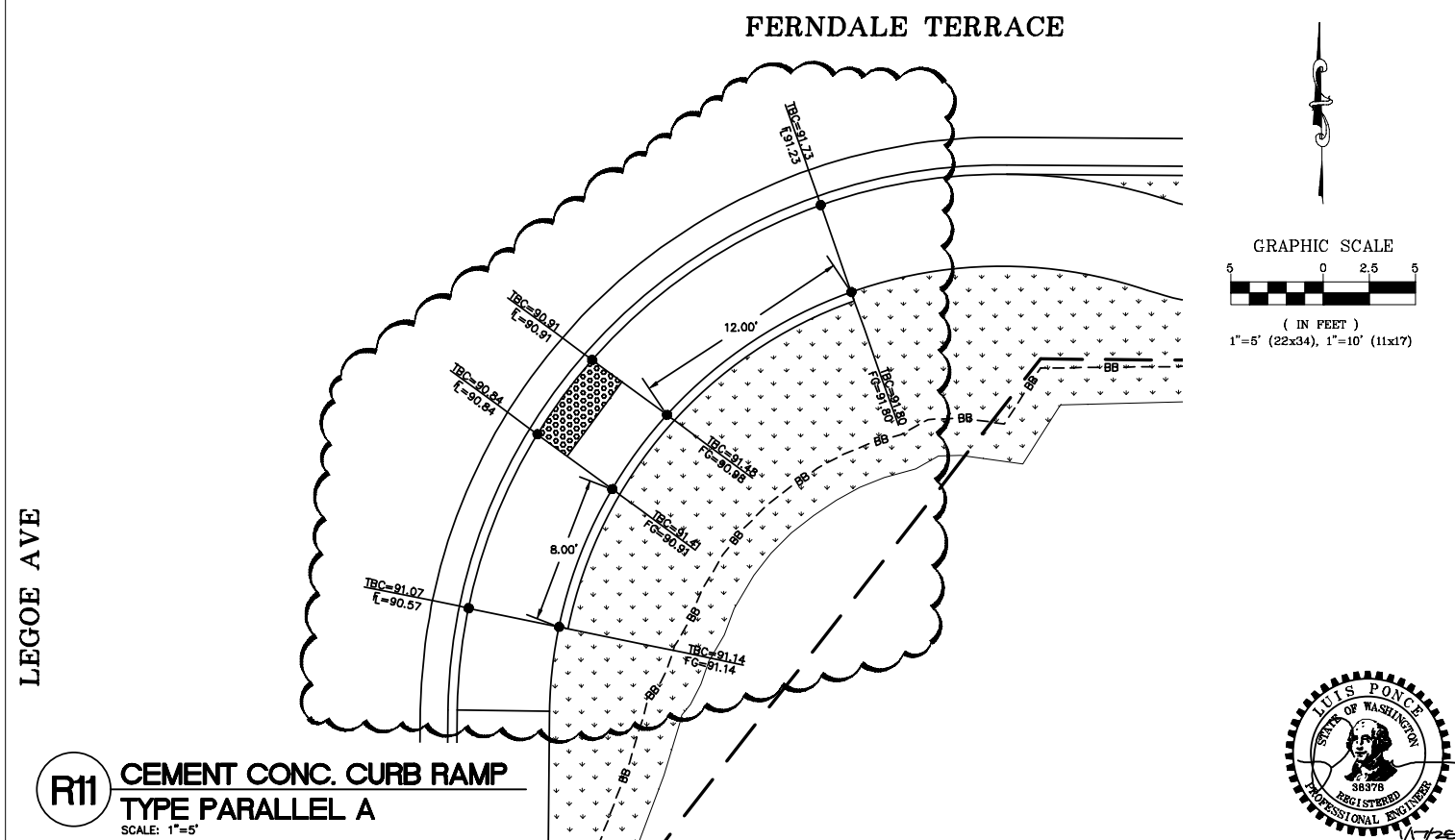


BID SET		DESIGNED BY GS/LMH DRAWN BY GS/LMH CHECKED BY LP		<b>R&amp;E</b> Reichhardt & Ebe ENGINEERING INC P.O. Box 978   423 Front Street Lynden, WA 98264 (360) 354-3687		1 1/17/25 ADDENDUM 1		GS	CITY OF FERNDAL 2095 MAIN ST FERNDAL, WA 98248		FERNDAL TERRACE PROJECT VISTA DRIVE TO HENDRICKSON AVENUE GRADING PLAN - STA 20+50 TO 30+50		DWG 18023 GRADE	DATE 1/17/25	
						NO.	DATE	DESCRIPTION	BY			JOB# 18023	SCALE H: 1" = 20' V: N/A	SHEET 46 of 85	





DWG 18023 GRADE		DATE 1/17/25
JOB# 18023	SCALE H: 1" = 10' V: N/A	SHEET 48 of 85



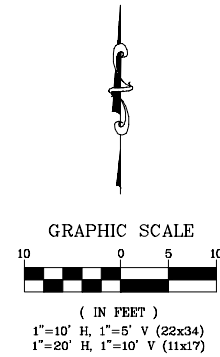
BID SET

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

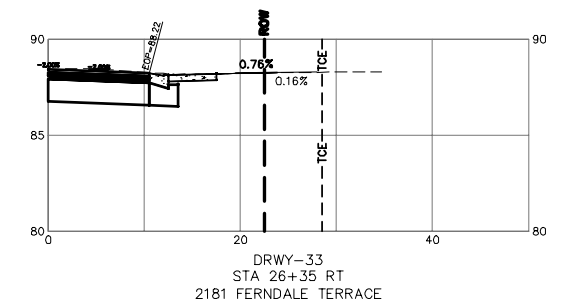
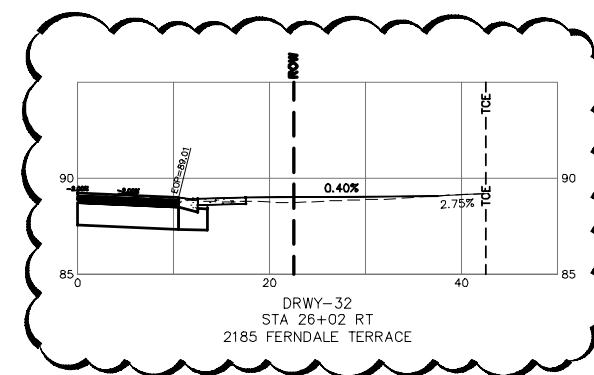
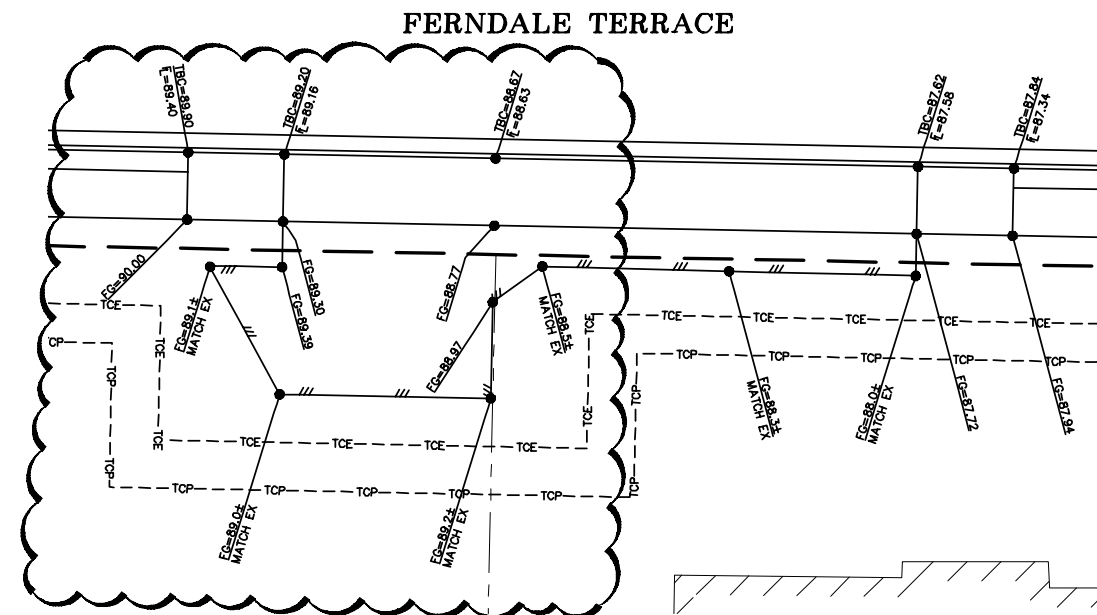
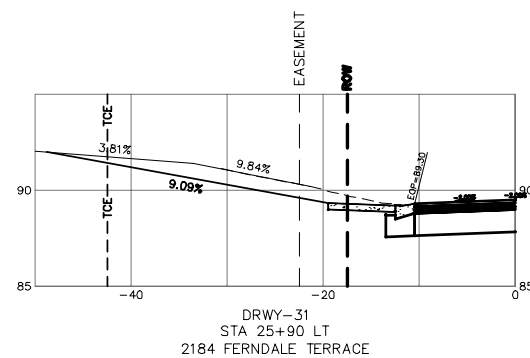
1	1/17/25	ADDENDUM 1	GS
NO.	DATE	DESCRIPTION	BY

FERNDALE TERRACE PROJECT  
VISTA DRIVE TO HENDRICKSON AVENUE  
GRADE RAMPS - LEGOE

DATE 1/17/25  
SHEET 55 of 85



FERNDALE TERRACE



# BID SET

DESIGNED BY	GS/EV
DRAWN BY	GS/EV
CHECKED BY	LP

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

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

CITY OF FERNDALE  
2095 MAIN ST  
FERNDALE, WA 98248

**FERNDALE TERRACE PROJECT  
VISTA DRIVE TO HENDRICKSON AVENUE  
DRIVEWAYS - 30, 31, 32, AND 33**

DWG 18023 DWY

JOB#

SCALE  
H: 1"=10'

DATE 9/17/20

17/25

65  
of 85

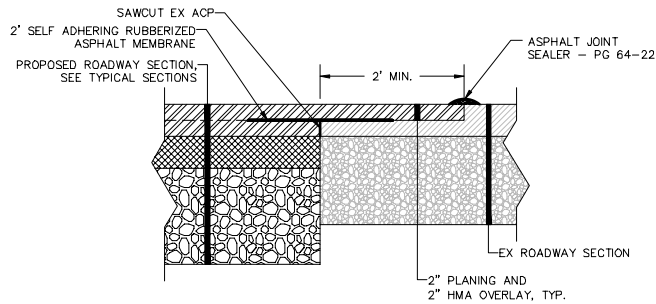


© Butterfield Color, Inc.

TEXTURED CONCRETE PAVEMENT PATTERN SHALL BE BUTTERFIELD COLOR, PENNSYLVANIA AVENUE BRICK RUNNING BOND (PRODUCT NUMBER BST6605) OR APPROVED EQUIVALENT. CONCRETE COLOR SHALL BE GRAY OR APPROVED EQUIVALENT.

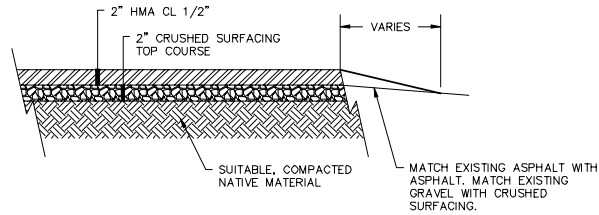
## TEXTURED CONCRETE PAVEMENT

NTS



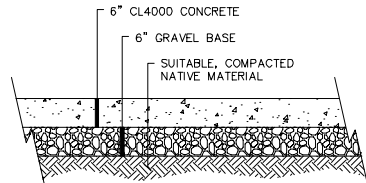
## ROADWAY PAVEMENT MATCH SECTION

NTS



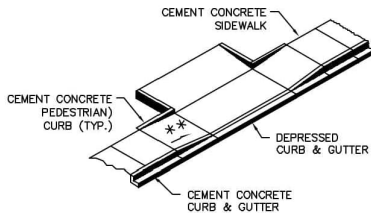
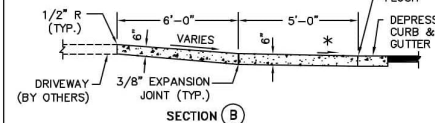
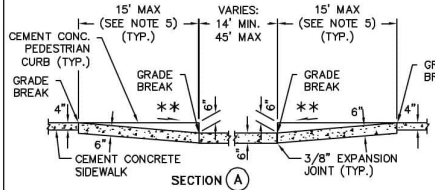
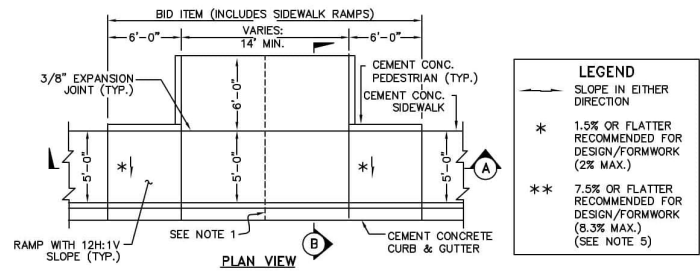
## HMA MATCH DETAIL AND COMMERCIAL HMA DRIVEWAY SECTION

NTS



## TYPICAL CONCRETE DRIVEWAY SECTION

NTS



- NOTES:
1. WHEN THE DRIVEWAY WIDTH EXCEEDS 15 FEET, CONSTRUCT A FULL DEPTH EXPANSION JOINT WITH 3/8" JOINT FILLER ALONG THE DRIVEWAY CENTERLINE. CONSTRUCT EXPANSION JOINTS PARALLEL WITH THE CENTER-LINE AS REQUIRED AT 15' MAXIMUM SPACING WHEN DRIVEWAY WIDTH EXCEEDS 30'.
  2. AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF DRIVEWAY ENTRANCES.
  3. CEMENT CONCRETE SHALL BE CLASS A 4000 PSI.
  4. WHERE "GRADE BREAK" IS CALLED OUT, THE ENTIRE LENGTH OF THE LINE BETWEEN THE TWO ADJACENT SURFACE PLANES SHALL BE FLUSH.
  5. THE PEDESTRIAN RAMP LENGTH IS NOT REQUIRED TO EXCEED 15 FEET. WHEN APPLYING THE 15-FOOT MAX. LENGTH (MEASURED FROM BACK OF SIDEWALK) THE RUNNING SLOPE OF THE PEDESTRIAN RAMP IS ALLOWED TO EXCEED 8.3% USE A SINGLE CONSTANT SLOPE FROM BOTTOM OF RAMP TO TOP OF RAMP TO MATCH INTO THE SIDEWALK OVER A HORIZONTAL DISTANCE OF 15 FEET.

REFERENCE: WSDOT STD PLAN F-80.10-04

NOVEMBER 25, 2016



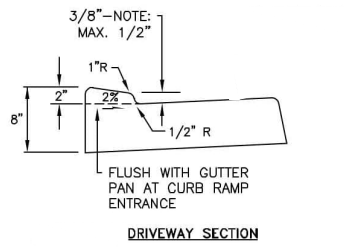
APPROVED

Public Works Director

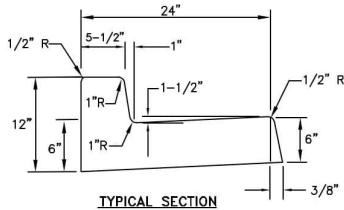
8/11/17

Date

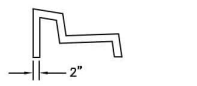
CEMENT CONCRETE DRIVEWAY ENTRANCE  
STANDARD DETAIL R-6  
NOT TO SCALE



DRIVEWAY SECTION



TYPICAL SECTION



CONTRACT JOINTS

### GENERAL NOTES

1. CONTRACTION JOINTS OF ONE OF THE TYPES SHOWN ABOVE TO BE PLACED 10'C/C. JOINTS MUST COMPLETELY SEVER THE STRUCTURE TO THE POINTS SHOWN. JOINTS MAY BE MADE BY INSERTING MINIMUM 3/16" BITUMINOUS FILLER DUMMY JOINTS. JOINTS SHALL BE CLEANED AND EGGED.
2. 2" WEEP HOLES TO BE PLACED ON EACH SIDE OF DRIVEWAY SECTION & A MAXIMUM 60' C/C IN CUT SECTIONS WHERE SIDEWALK DRAIN NOT REQUIRED BY PUBLIC WORKS DIRECTOR.
3. 3/8" EXPANSION JOINTS TO BE PLACED AT DRIVEWAY SECTIONS, CURB RETURNS, CURB RAMPS, & COLD JOINTS OR A MAXIMUM OF 80' C/C. EXPANSION JOINTS SHALL PROTRUDE 1" BELOW THE BOTTOM OF GUTTER.
4. CONCRETE SHALL BE CEMENT CONCRETE "CLASS 3000".
5. FINISHED WORK SHALL NOT VARY MORE THAN 1/8" IN GRADE AND 1/4" IN ALIGNMENT WHEN CHECKED WITH A 10' STRAIGHT EDGE.
6. EXPOSED SURFACES SHALL BE BRUSHED WITH A FIBER HAIR BRUSH.
7. WHITE PIGMENTED OR TRANSPARENT CURING COMPOUND SHALL BE APPLIED AS OUTLINED IN THE STANDARD SPECIFICATIONS.
8. FURTHER REQUIREMENTS SHALL BE AS SPECIFIED IN THE STANDARD SPECIFICATIONS.

NOVEMBER 25, 2016



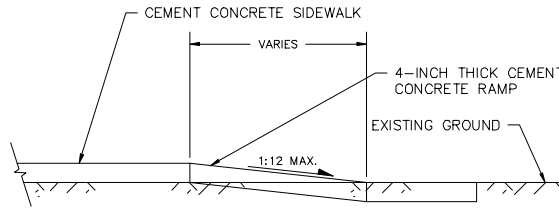
APPROVED

Public Works Director

8/11/17

Date

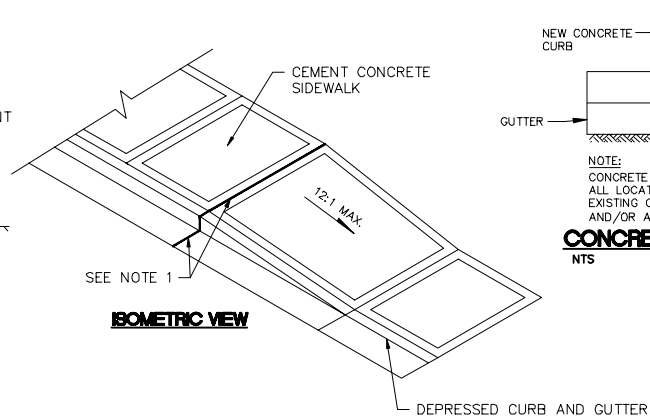
CURB AND GUTTER INSTALLATION  
STANDARD DETAIL R-9  
NOT TO SCALE



ELEVATION VIEW

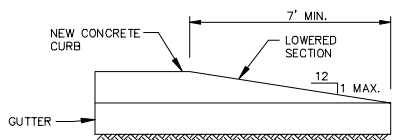
### NOTES

1. 3/8" EXPANSION JOINT.
2. SIDEWALK RAMPS SHALL NOT BE POURED INTEGRAL WITH SIDEWALK AND SHALL BE ISOLATED BY EXPANSION JOINT MATERIAL ON ALL SIDES, EXCEPT AT END OF RAMP ADJACENT TO ROADWAY.



## SIDEWALK END RAMP

NTS



NOTE:  
CONCRETE CURB END SECTION SHALL BE USED AT ALL LOCATIONS WHERE NEW CURB DOES NOT MEET EXISTING CURB, AT SIDEWALK TRANSITION SECTIONS AND/OR AS DIRECTED IN THE FIELD.

## CONCRETE CURB END SECTION

NTS



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

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

CITY OF FERNDAL  
2095 MAIN ST  
FERNDAL, WA 98248

FERNDAL TERRACE PROJECT  
VISTA DRIVE TO HENDRICKSON AVENUE  
MISC DETAILS

DWG 18023 DETAILS

JOB#

18023

SCALE

H: N/A

V: N/A

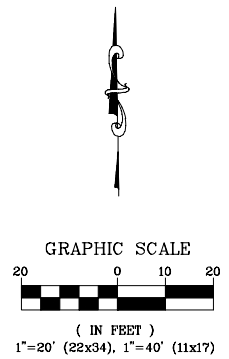
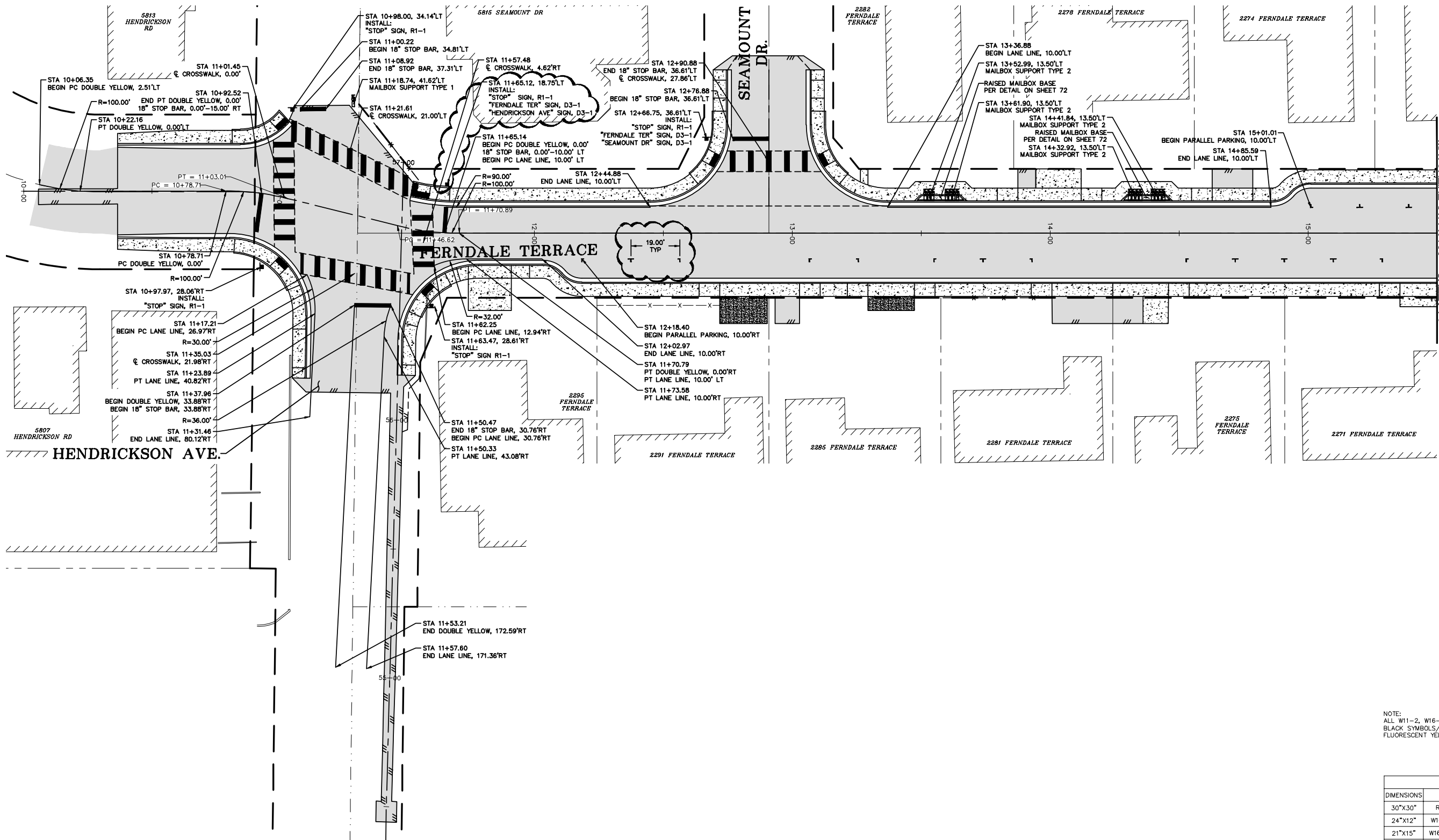
DATE

1/17/25

SHEET

72

of 85



NOTE:  
ALL W11-2, W16-9P, AND W16-7PL SHALL BE  
BLACK SYMBOLS/LEGENDS/BORDERS ON  
FLUORESCENT YELLOW GREEN BACKGROUND.

SIGN DIMENSIONS				
DIMENSIONS	SIGN			
30"x30"	R1-1	W2-6	W11-2	W17-1
24"x12"	W16-9P	W16-12aP		
21"x15"	W16-7PL			
18"x18"	W13-1P			



BID SET

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

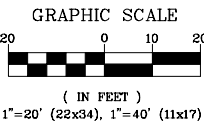
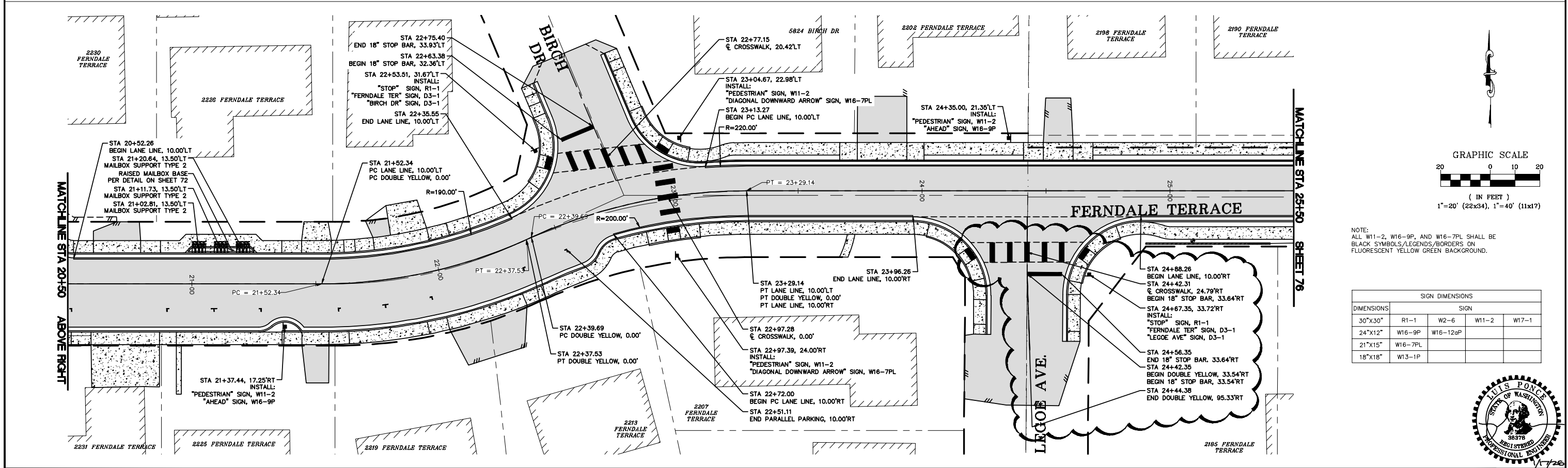
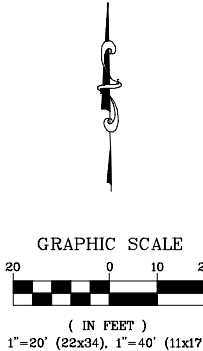
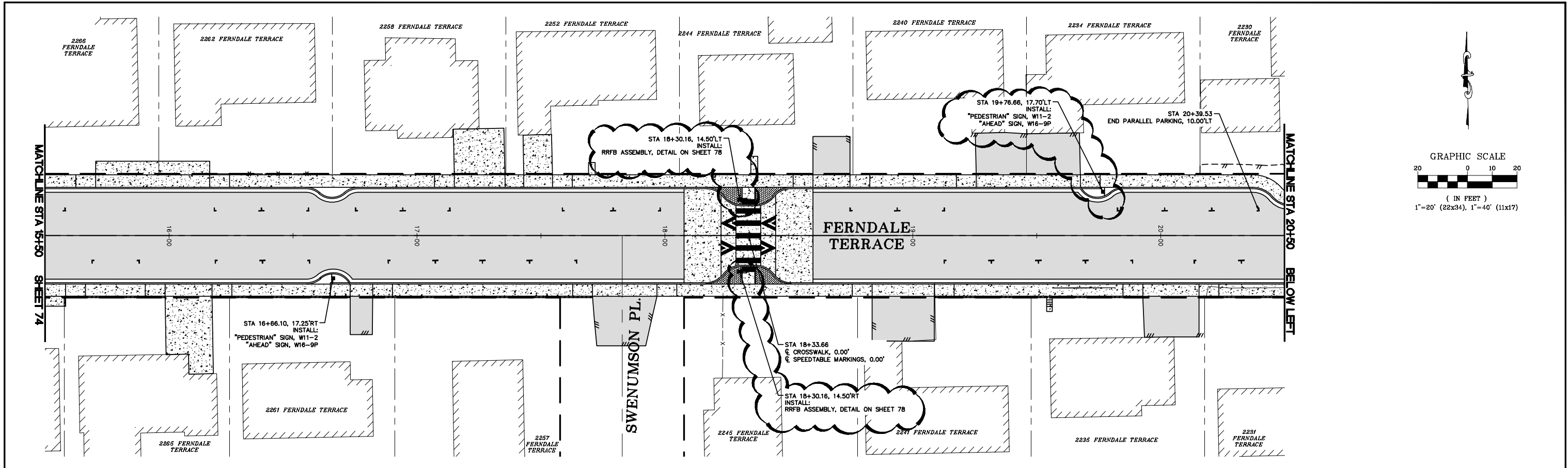
CITY OF FERNDAL  
2095 MAIN ST  
FERNDAL, WA 98248

FERNDAL TERRACE PROJECT  
VISTA DRIVE TO HENDRICKSON AVENUE  
CHANNELIZATION PLAN - STA 10+00 TO 15+50

DWG 18023 CHAN  
JOB# 18023

SCALE  
H: 1" = 20' V: N/A

DATE  
1/17/25  
SHEET  
74  
of 85



NOTE:  
ALL W11-2, W16-9P, AND W16-7PL SHALL BE  
BLACK SYMBOLS/LEGENDS/BORDERS ON  
FLUORESCENT YELLOW GREEN BACKGROUND.

SIGN DIMENSIONS					
DIMENSIONS	SIGN				
30"x30"	R1-1	W2-6	W11-2	W17-1	
24"x12"	W16-9P	W16-12aP			
21"x15"	W16-7PL				
18"x18"	W13-1P				



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

CITY OF FERDALE  
2095 MAIN ST  
FERDALE, WA 98248

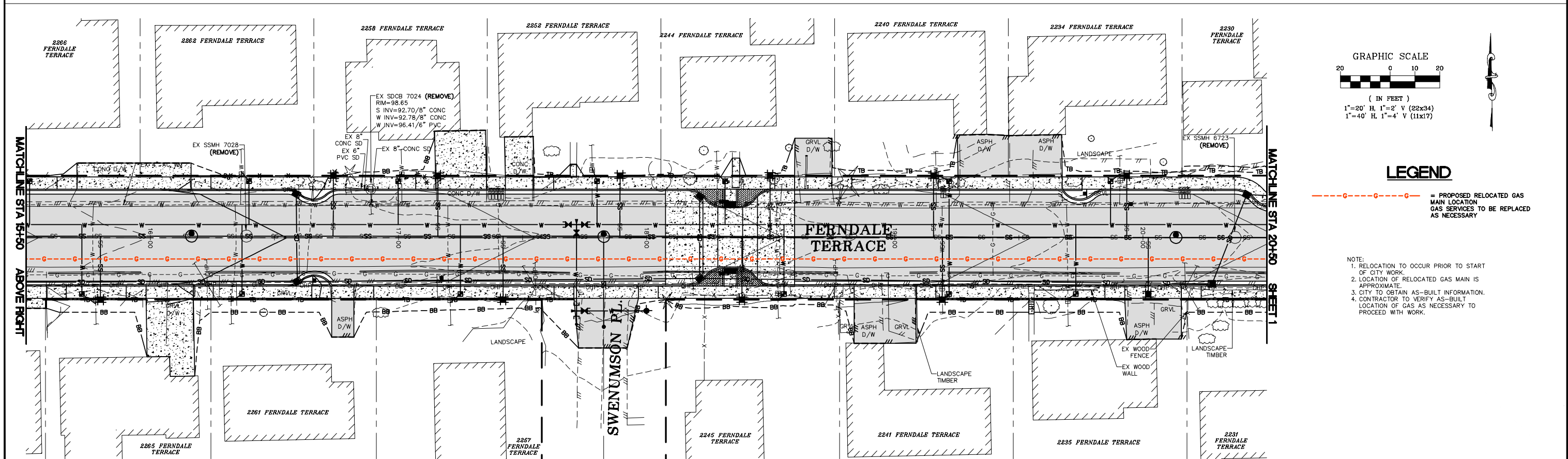
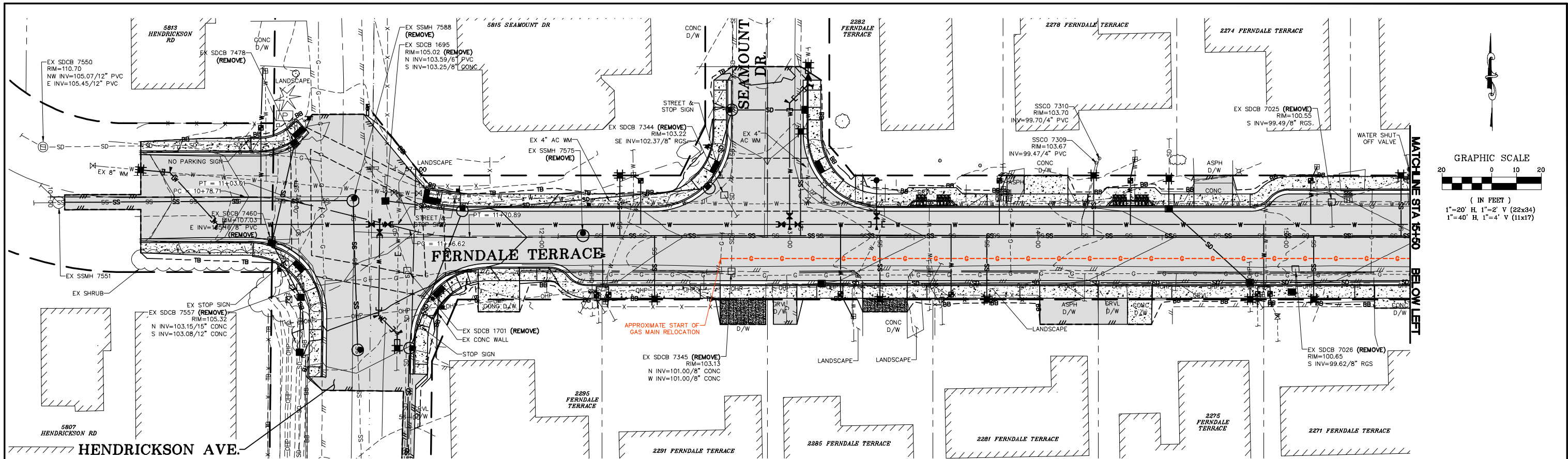
FERDALE TERRACE PROJECT  
VISTA DRIVE TO HENDRICKSON AVENUE  
CHANNELIZATION PLAN - STA 15+50 TO 25+50

DWG 18023 CHAN  
JOB# 18023  
SCALE H: 1" = 20' V: N/A

DATE 1/17/25  
SHEET 75 of 85







EXHIBIT

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GS/LMH  
CHECKED BY  
LP

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P.O. Box 978 | 423 Front Street  
Lynden, WA 98264 (360) 354-3687

NO.	DATE	DESCRIPTION	BY

CITY OF FERDALE  
2095 MAIN ST  
FERDALE, WA 98248

FERDALE TERRACE PROJECT  
VISTA DRIVE TO HENDRICKSON AVENUE  
PROPOSED CNG RELOCATION PLAN - STA 10+00 TO 20+50

DWG 18023 GAS

JOB#

18023

SCALE

H: 1" = 20' V: 1" = 2'

DATE

1/17/25

SHEET

1

of 3

- 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.

## LEGEND

--- G --- G --- G --- = PROPOSED RELOCATED GAS MAIN LOCATION  
GAS SERVICES TO BE REPLACED AS NECESSARY



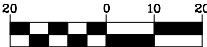


LEGEND

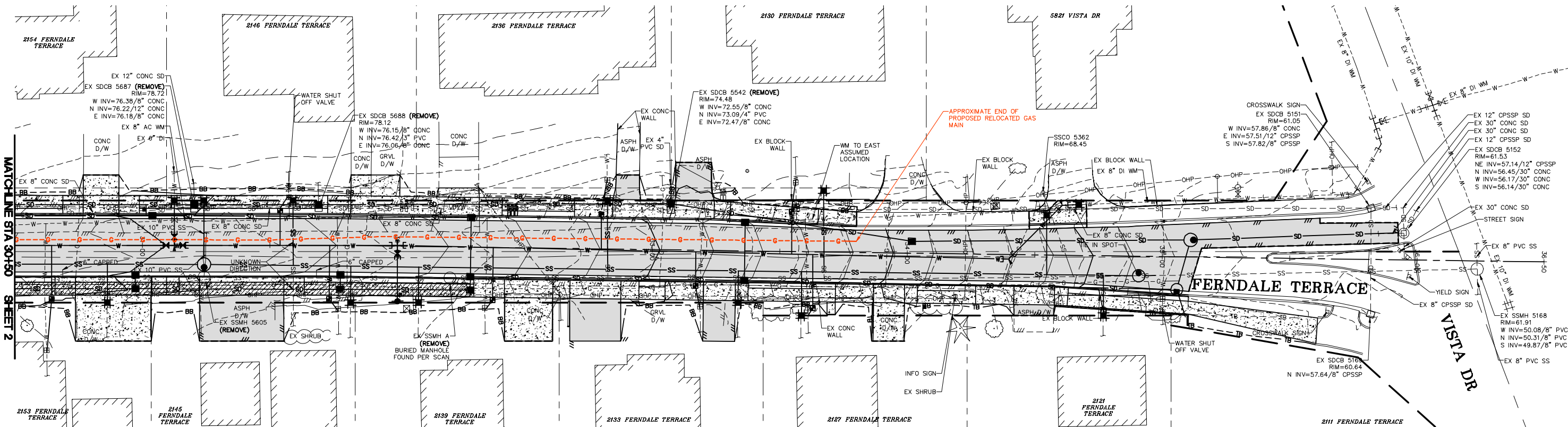
---G---G---G--- = PROPOSED RELOCATED GAS  
MAIN LOCATION  
GAS SERVICES TO BE REPLACED  
AS NECESSARY

- 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.

GRAPHIC SCALE



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



EXHIBIT

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GS/LMH  
DRAWN BY  
GS/LMH  
CHECKED BY  
LP



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

NO.	DATE	DESCRIPTION	BY

CITY OF FERNDAL  
2095 MAIN ST  
FERNDAL, WA 98248

FERNDAL TERRACE PROJECT  
VISTA DRIVE TO HENDRICKSON AVENUE  
PROPOSED CNG RELOCATION PLAN - STA 30+50 TO 36+50

DWG 18023 GAS

JOB#

18023

SCALE

H: 1" = 20' V: 1" = 2'

DATE

1/17/25

SHEET

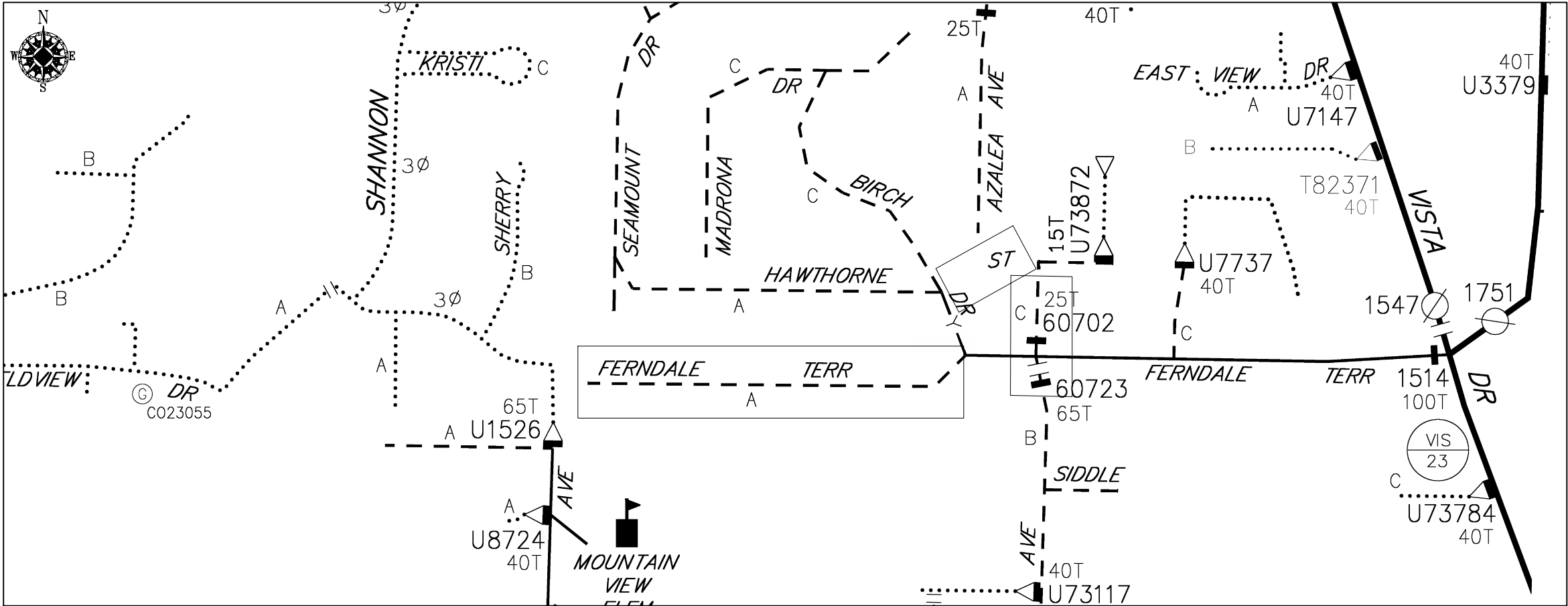
3

of 3



Jan 10, 2025 - 4:04pm C:\Users\P61459\appdata\local\temp\AcPublish\_20384\ 101172075 Ferndale Terrace Version 17.dwg

## 101172075

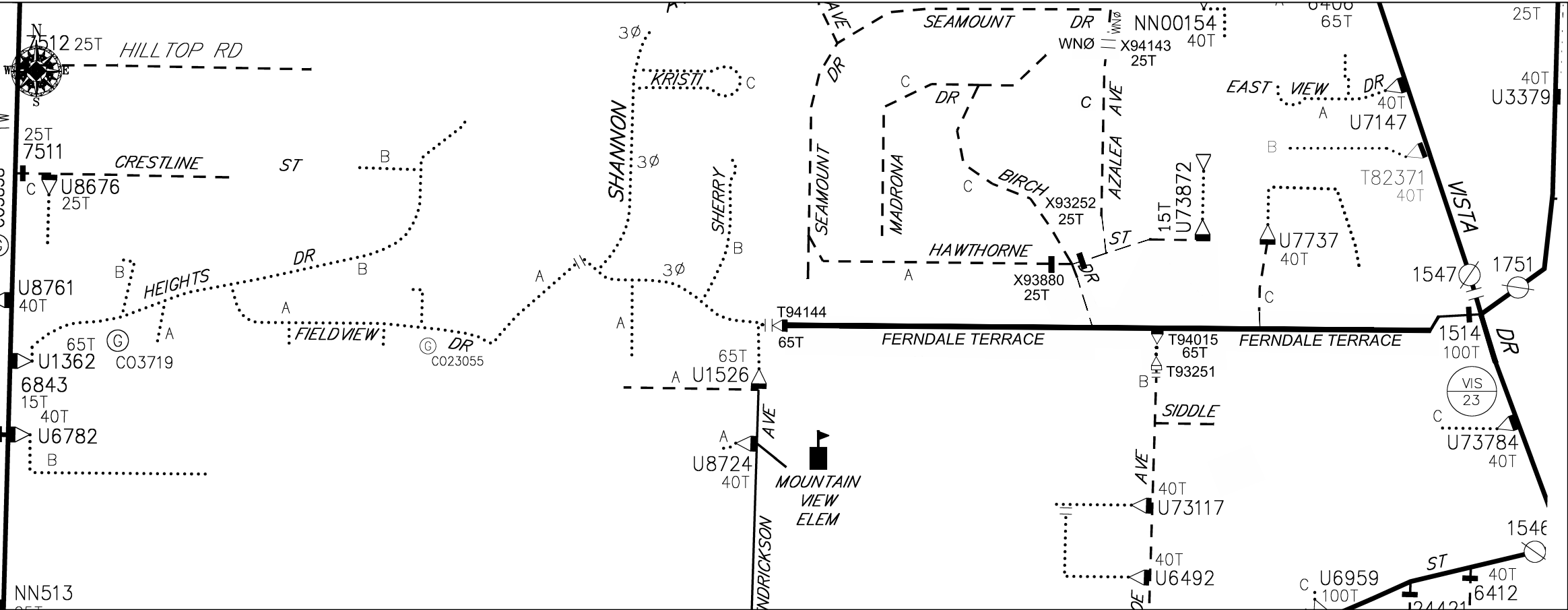


OVERHEAD CIRCUIT MAP BEFORE

SCALE: NTS

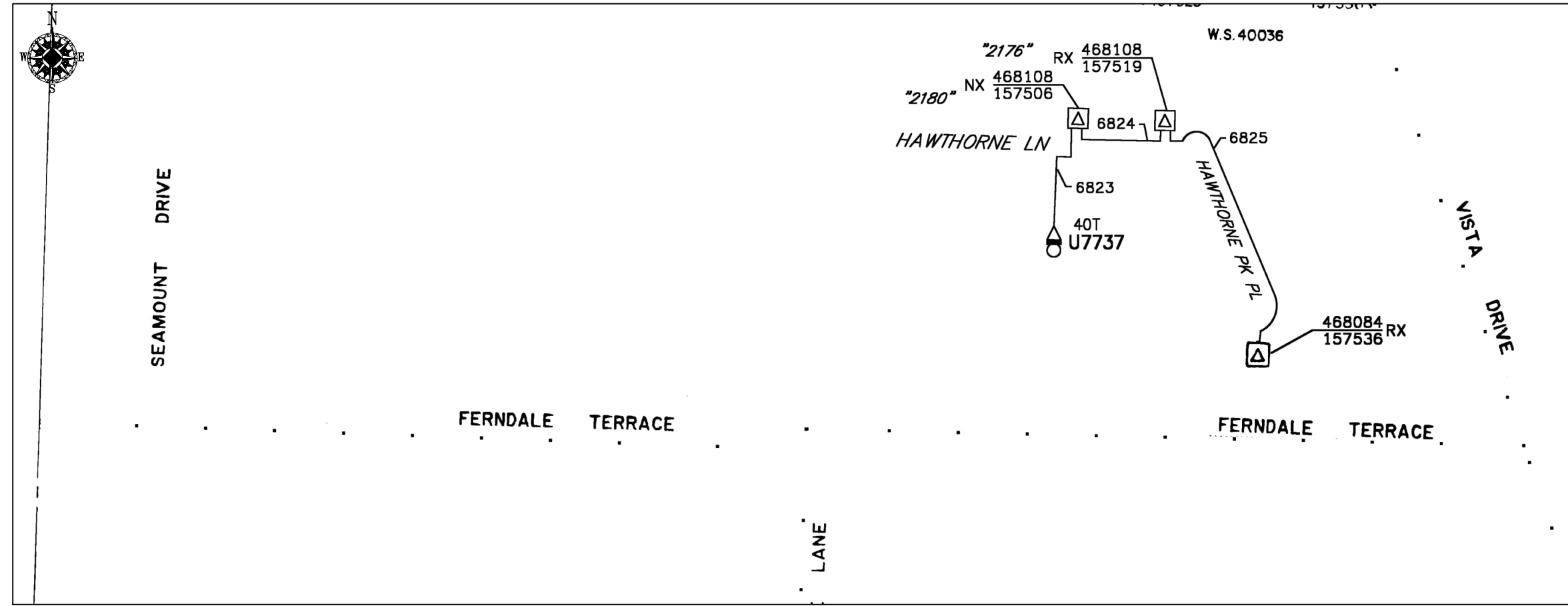
OVERHEAD CIRCUIT MAP AFTER

SCALE: NTS



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	WHATCOM	Emer Sect	Gas Wk Ctr	POWER WK CTR	DRAWN BY	JOHN HATHAWAY	360-201-1340
1/4 SEC	T40N R2E S19	OP MAP	N/A	PLAT MAP	CHECKED BY	JANE MAJOR	360-941-2007
U-MAP NO (POWER)	A3902E075	OH CKT MAP	D3902E080	UG CKT MAP	APPROVED BY	FOREMAN #1	360-791-2748
		R3902E075		CIRCUIT NO	FOREMAN #2		
				VIS-23	MAPPING		
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			
CITY OF FERNDALE				INCIDENT	MAOP		
FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT				N/A	N/A		
2295 FERNDALE TERRACE, FERNDALE WA				Gas Order	Elect Order		
				N/A	101172075		
				SCALE	PAGE		
				AS NOTED	2/24		

101172075

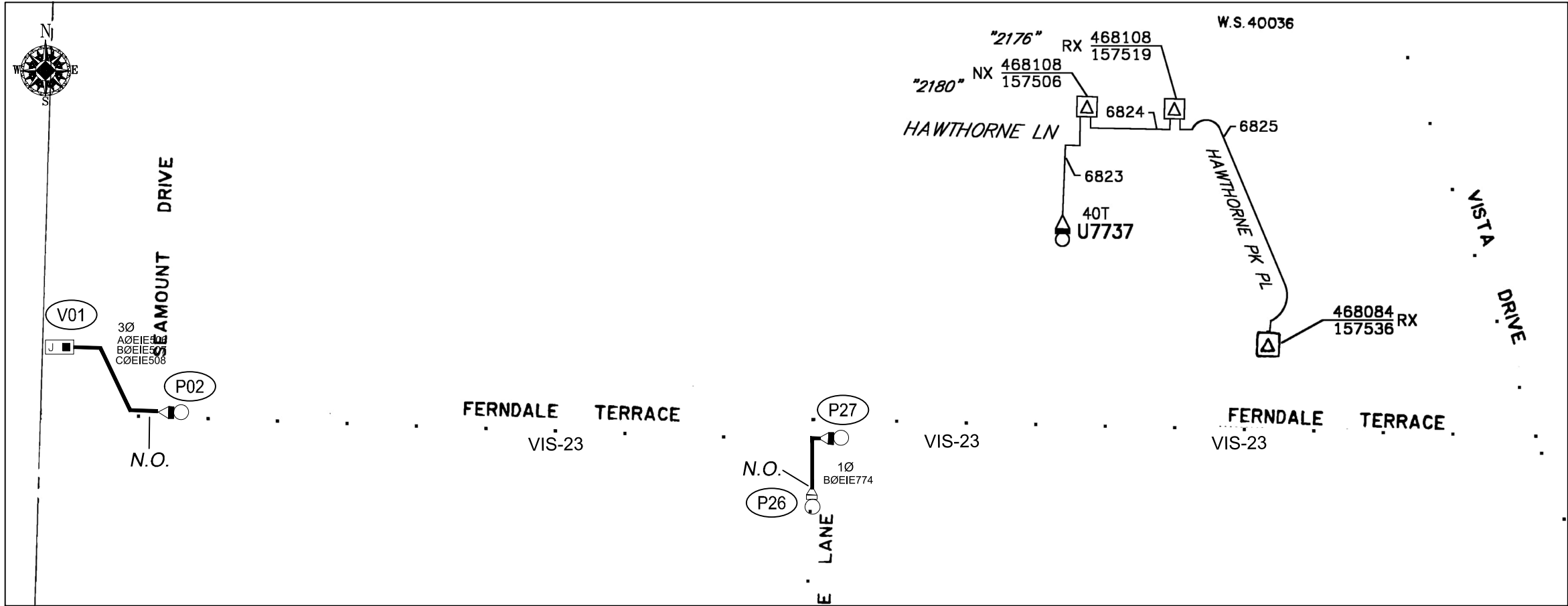



UNDERGROUND CIRCUIT MAP BEFORE

SCALE: NTS

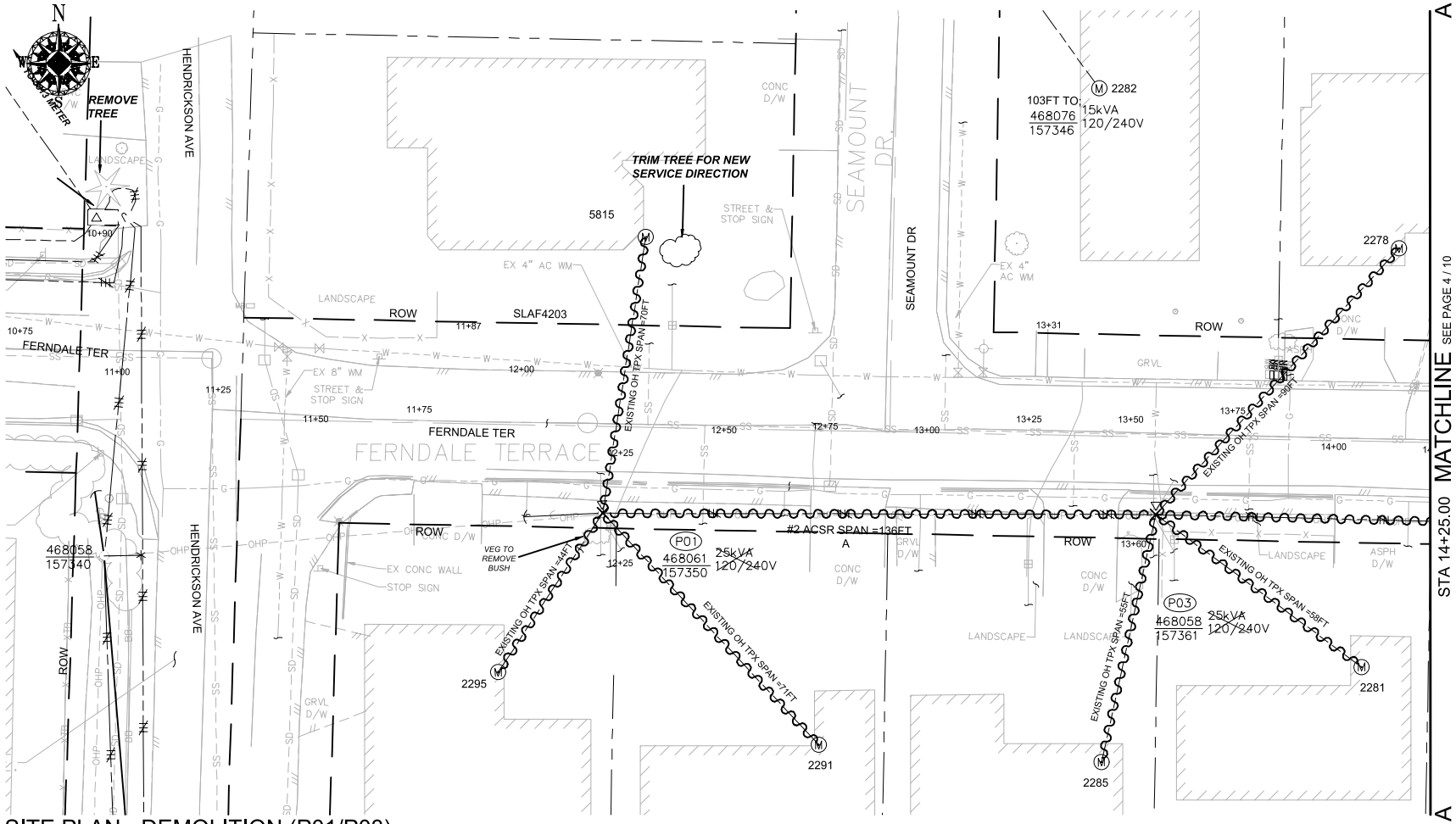
UNDERGROUND CIRCUIT MAP AFTER

SCALE: NTS



				REAL ESTATE/EASEMENT		PERMIT	
				RW-133686		FERNDALE	
3				FUNCTION	CONTACT	PHONE NO	DATE
2				PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
1				ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A	N/A	N/A
COUNTY	WHATCOM	Emer Sect	Gas Wk Ctr	POWER WK CTR	CSPFEPI	DRAWN BY	JOHN HATHAWAY
1/4 SEC	T40N R2E S19	OP MAP	N/A	PLAT MAP	N/A	CHECKED BY	360-941-2007
U-MAP NO (POWER)	A3902E075	OH CKT MAP	D3902E080	UG CKT MAP	R3902E075	APPROVED BY	JANE MAJOR
				CIRCUIT NO	VIS-23	FOREMAN #1	360-791-2748
						FOREMAN #2	
						MAPPING	
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			
 <b>PUGET SOUND ENERGY</b>				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	3/24

101172075



SITE PLAN - DEMOLITION (P01/P03)

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	RMVD						
P01	468061-157350	45FT	3	1980	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SLAF4203
P03	468058-157361	45FT	3	1981	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

WIRE REMOVAL TABLE						
LOCATION		WIRE SIZE & TYPE	QUANTITY	LENGTH (FT PER CONDUCTOR)	TOTAL LENGTH	REMARKS
FROM	TO					
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 reline the following information

Company ID#: \_\_\_\_\_  
Primary phase connected to: \_\_\_\_\_  
Tested Secondary Voltage I

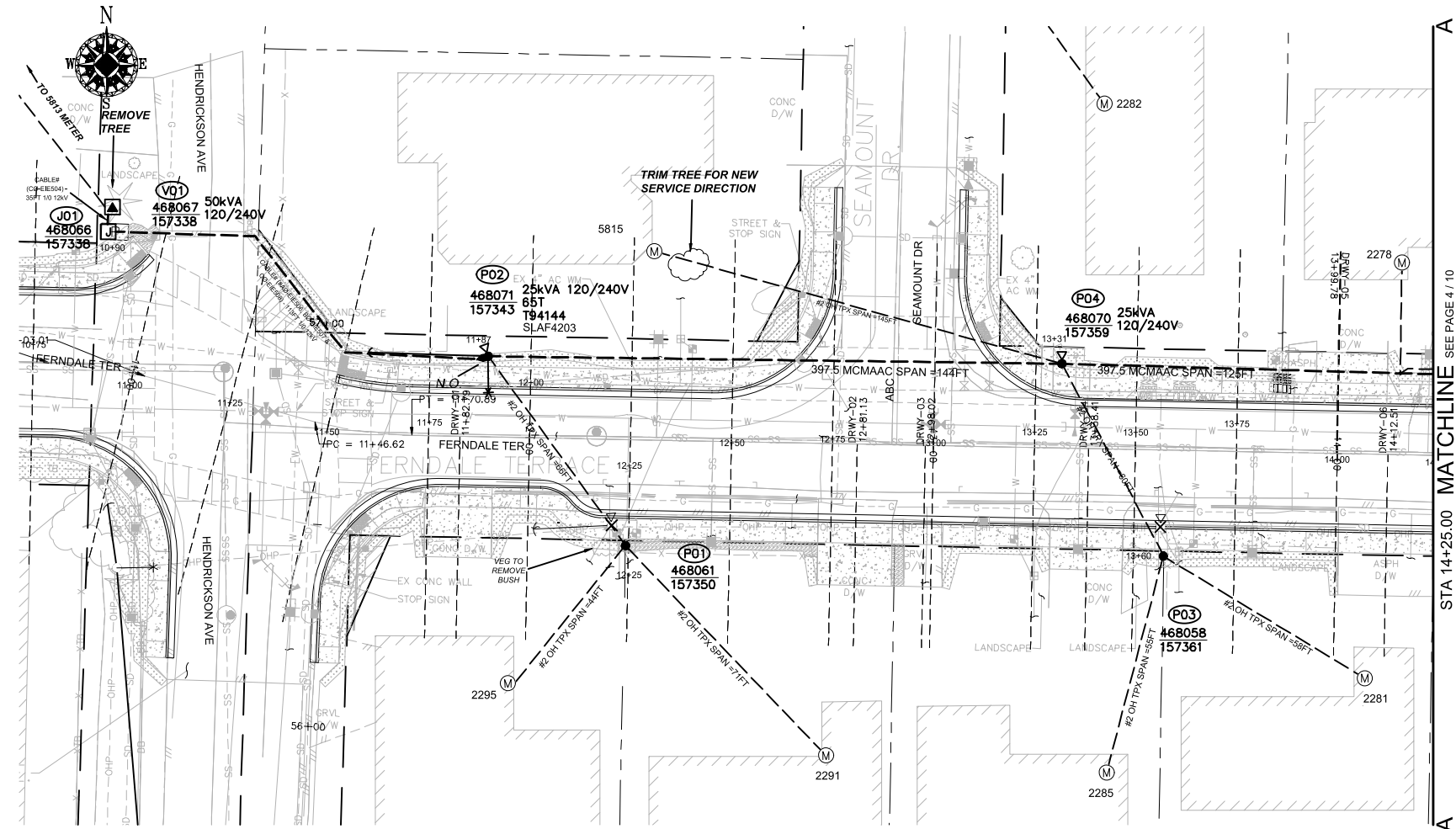
TRANSFORMER REMOVAL

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

Foreman to reline the following information

Company ID#: \_\_\_\_\_  
Primary phase connected to: \_\_\_\_\_  
Tested Secondary Voltage I

				REAL ESTATE/EASEMENT		PERMIT	
				RW-133686		FERNDALE	
3				FUNCTION	CONTACT	PHONE NO	DATE
2				PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
1				ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A	N/A	N/A
COUNTY	WHATCOM	Emer Sect	Gas Wk Ctr	POWER WK CTR	CSPFEPI	DRAWN BY	JOHN HATHAWAY
1/4 SEC		N/A	N/A			CHECKED BY	<i>MS</i>
T40N R2E S19	OP MAP		PLAT MAP			APPROVED BY	JANE MAJOR
U-MAP NO (POWER)	A3902E075	OH CKT MAP	D3902E080	UG CKT MAP	R3902E075	CIRCUIT NO	VIS-23
						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			
PUGET SOUND ENERGY						INCIDENT	MAOP
						N/A	N/A
CITY OF FERNDALE FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT 2295 FERNDALE TERRACE, FERNDALE WA						Gas Order	Elect Order
						N/A	101172075
						SCALE	PAGE
						AS NOTED	4/24



SITE PLAN - NEW FACILITIES (P01-P04)  
SCALE: 1" = 20'

POLE TABLE (NEW)

SITE	POLE DATA				
	GRID #	HEIGHT	CLASS	YEAR	REMARKS / LOCATION REF
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   /  

WIRE STRINGING TABLE

LOCATION		PRI	SEC	WIRE SIZE & TYPE	QUANTITY	LENGTH (FT PER CONDUCTOR)		REMARKS
FROM	TO							
P01	P02		XX	#2 OH TPX	1	66	66	
P02	P04	XX		397.5 MCMAAC	3	144	432	A/B/C PHASES
P02	P04	XX		4/0 ACSR NEUT	1	144	144	
P03	P04		XX	#2 OH TPX	1	60	60	
P01	S/A 2291		XX	#2 OH TPX	1	71	71	
P01	S/A 2295		XX	#2 OH TPX	1	44	44	
P04	S/A 5815		XX	#2 OH TPX	1	145	145	
P03	S/A 2281		XX	#2 OH TPX	1	58	58	
P03	S/A 2285		XX	#2 OH TPX	1	55	55	
TOTAL FEET 397.5 MCMACSR						432	ACTUAL _____	INSTALLED
TOTAL FEET 4/0 NEUT						144	ACTUAL _____	INSTALLED
TOTAL FEET #2 OH TPX						499	ACTUAL _____	INSTALLED

PRIMARY CABLE & CONDUIT TABLE

LOCATION		CONDUIT								CABLE						ASBUILT INFORMATION - FOREMAN COMPLETE									
FROM	TO	SIZE (IN)	QTY.	DESIGN LENGTH (FT)	BENDS				PULL (LBS)	PULL REV (LBS)	CABLE SIZE	DESIGN LENGTH (FT)	PHASE - ID TAG			RECORD			RECORD PHASE TAPPED & ACTUAL FOOTAGE INSTALLED				LUBRICANT (Gal.)		
				90°	45°	22°	11°	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																									

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 (ELB10I) 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 TFM (MID# 9995529)  
INSTALL 1/0 ELBOW (ELB10I) 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 120/240V OH XFMR  
REMOVE POLE STUB AFTER COMMUNICATION TRANSFERS HAVE BEEN COMPLETED  
ATTACHED UTILITIES: COMCAST & ZIPLY

(UNIT 2-23 X1)

(UNIT 2-129 X1)

(UNIT 2-302 X1)

P01 TO P02:  
WO# 101172075  
INSTALL #2 OH SEC TPX APPROX. 66FT (ACTUAL: \_\_\_\_ FT)

(UNIT 2-20A 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 3Ø 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# T94144 (65T)  
NOTE: NORMAL OPEN AT P02

(UNIT 2-7 X1)

(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 120/240V 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 FERNDAL TERR.

(UNIT 2-23 X1)

(UNIT 2-129 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 (TAN313) 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)

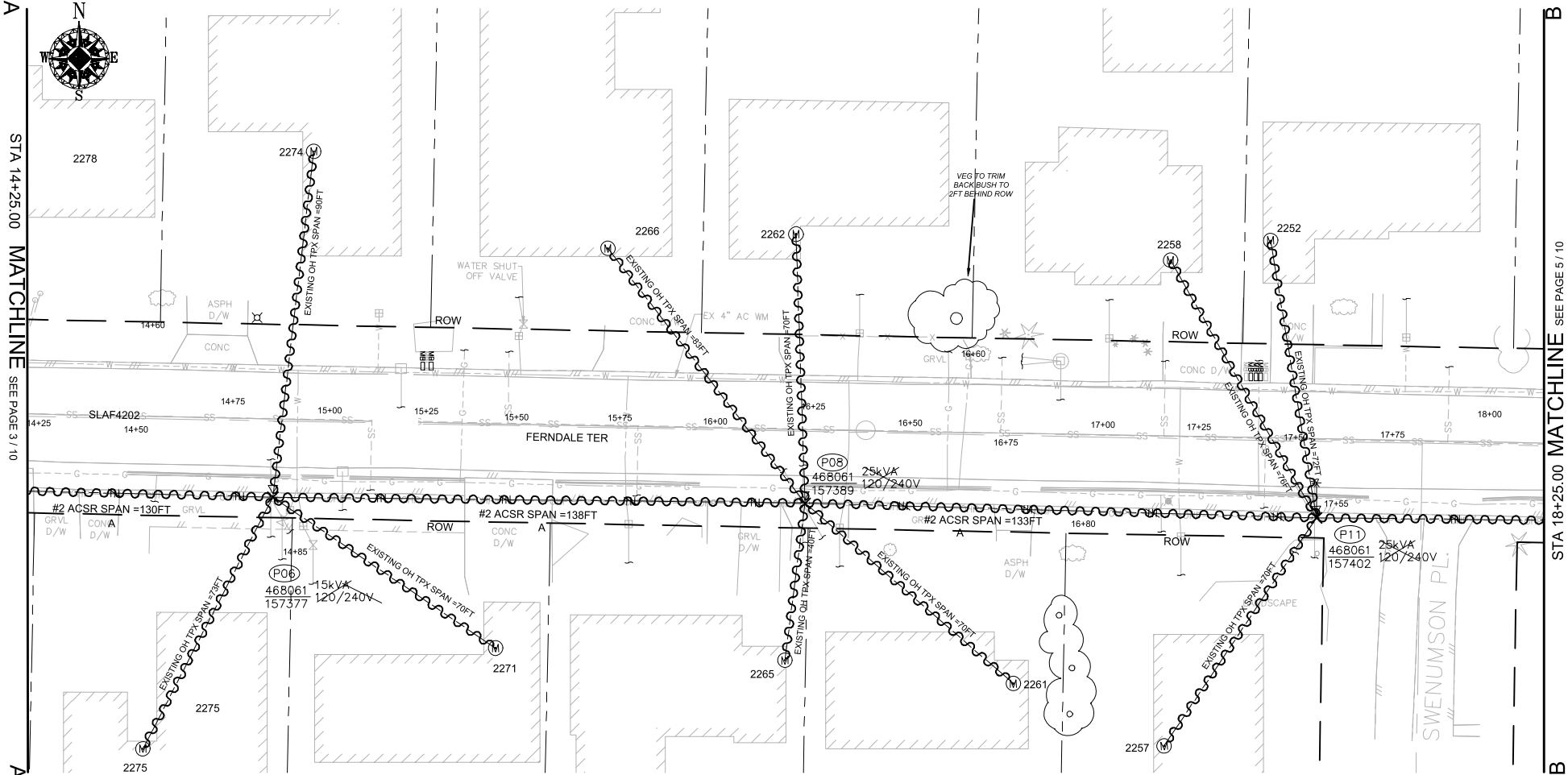
(UNIT 2-24 X1)

(UNIT 3-3 X1)

P04 TO P03:  
WO# 101172075  
INSTALL #2 OH SEC TPX APPROX. 60FT (ACTUAL: \_\_\_\_ FT)

(UNIT 2-20A X1)

				REAL ESTATE/EASEMENT		PERMIT	
				RW-133686		FERNDAL	
3				FUNCTION	CONTACT	PHONE NO	DATE
2				PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
1				ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A	N/A	N/A
COUNTY	WHATCOM	Emer Sect	Gas Wk Ctr	POWER WK CTR	CSPFEPI	DRAWN BY	JOHN HATHAWAY
1/4 SEC	T40N R2E S19	OP MAP	PLAT MAP	FOREMAN #1		CHECKED BY	JANE MAJOR
U-MAP NO (POWER)	A3902E075	OH CKT MAP	D3902E080	UG CKT MAP	R3902E075	CIRCUIT NO	VS-23
						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			
				CITY OF FERNDAL			
				FERNDAL TERRACE INFRASTRUCTURE IMPROVEMENT			
				2295 FERNDAL TERRACE, FERNDAL WA			
				INCIDENT	MAOP		
				N/A	N/A		
				Gas Order	Elect Order		
				N/A	N/A		
				SCALE	PAGE		
				AS NOTED	5/24		



SITE PLAN - DEMOLITION (P06/P08/P11)

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	RMVD						
P06	468061-157377	45FT	3	2003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SLAF4202
P08	468061-157389	45FT	3	1981	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P11	468061-157402	45FT	3	2003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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	
P11	S/A 2258	EXISTING OH TPX	1	76	76	
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   I

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   I

TRANSFORMER REMOVAL

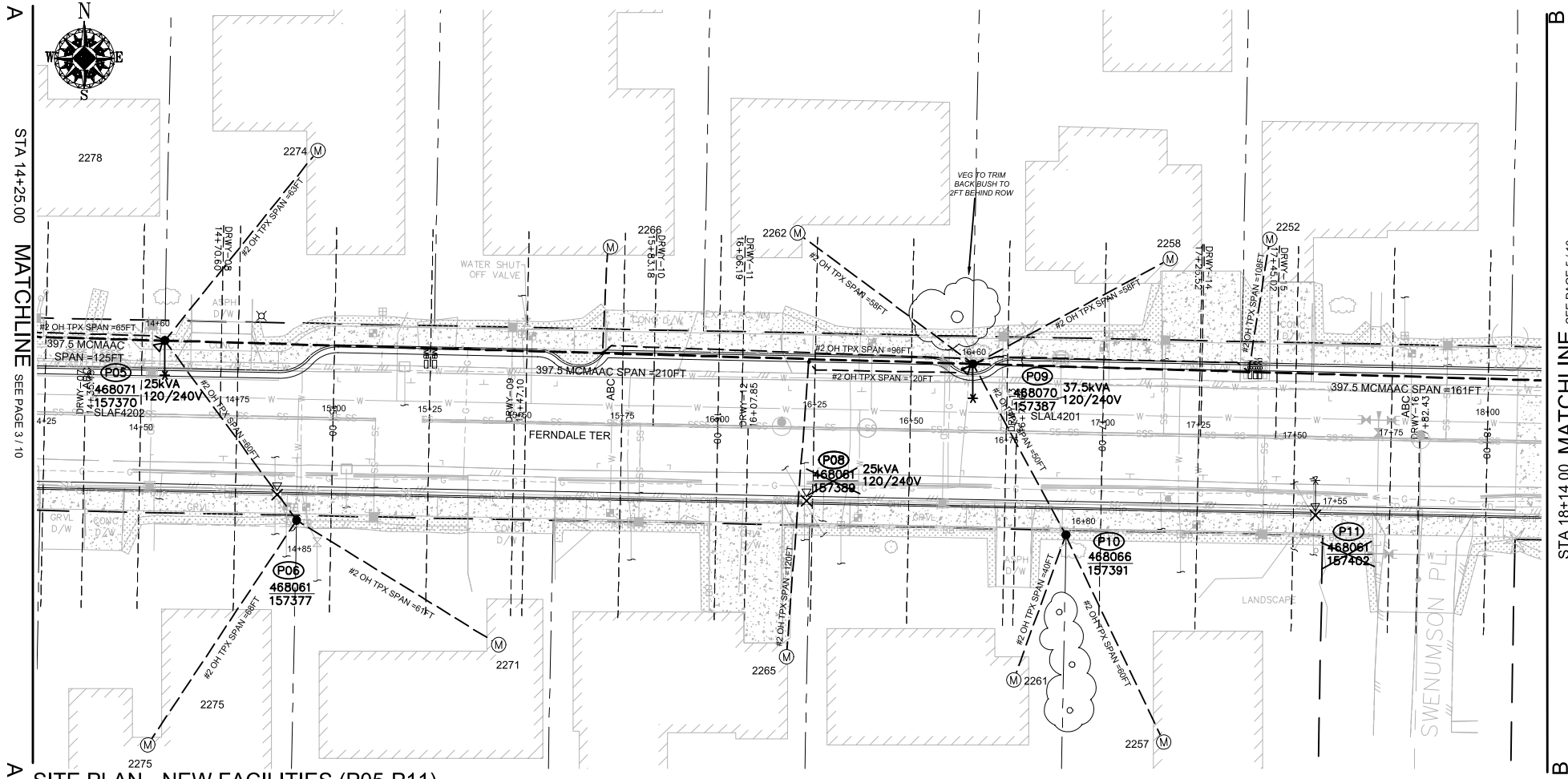
Installed at site: P11  
Grid Number: 468061-157402  
kVA Rating: 25kVA

Foreman to redline the following information

Company ID#: \_\_\_\_\_  
Primary phase connected to: \_\_\_\_\_  
Tested Secondary Voltage   I

				REAL ESTATE/EASEMENT		PERMIT	
				RW-133686		FERNDALE	
3				FUNCTION	CONTACT	PHONE NO	DATE
2				PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
1				ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A	N/A	N/A
COUNTY	WHATCOM	Emer Sect	Gas Wk Ctr	POWER WK CTR	CSPFEI	DRAWN BY	JOHN HATHAWAY
		N/A	N/A			CHECKED BY	<i>MS</i>
1/4 SEC	T40N R2E S19	OP MAP	PLAT MAP			APPROVED BY	JANE MAJOR
		N/A	N/A			FOREMAN #1	
U-MAP NO (POWER)	A3902E075	OH CKT MAP	D3902E080	UG CKT MAP	R3902E075	CIRCUIT NO	VIS-23
						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			
PUGET SOUND ENERGY						INCIDENT	MAOP
						N/A	N/A
CITY OF FERNDALE FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT 2295 FERNDALE TERRACE, FERNDALE WA						Gas Order	Elect Order
						N/A	101172075
						SCALE	PAGE
						AS NOTED	6/24





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 MCM AAC	3	125	375	A/B/C PHASES
P04	P05	XX		4/0 ACSR NEUT	1	125	125	
P05	P06	XX	XX	#2 OH TPX	1	60	60	
P05	P09	XX		397.5 MCM AAC	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 redefine 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 redefine 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 XFMR (TRFNXF) FUSE @ 10T AS PER STD 6025.1000  
WO# 593260468  
TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2274 & 2278 FERNDAL TERR.  
NOTE: CONVERT EXISTING OH SVC TO BRIDLE SERVICE TO S/A 2278 FERNDAL TERR.

(UNIT 2-7 X1)

(UNIT 2-24 X1)

(UNIT 3-3 X2)(UNIT 3-5 X2)

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

(UNIT 2-20A X1)

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 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 2271 & 2275 FERNDAL TERR.  
INSTALL (TRANSFER) EXISTING STREET LIGHT (SLAF4202) TO NEW POLE P05

(UNIT 2-23 X1)

(UNIT 2-129 X1)

(UNIT 2-302 X1)

P08: EXISTING 1981 45FT CL3 GRID #468061-157389 (STA 16+20.00, 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

(UNIT 2-129 X1)

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 XFMR (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 FERNDAL TERR.  
NOTE: CONVERT EXISTING OH SVC TO BRIDLE SERVICE TO S/A 2252, 2265 & 2266 FERNDAL TERR.

(UNIT 2-7 X1)

(UNIT 2-24 X1)

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

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

(UNIT 2-20A X1)

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 FERNDAL TERR.

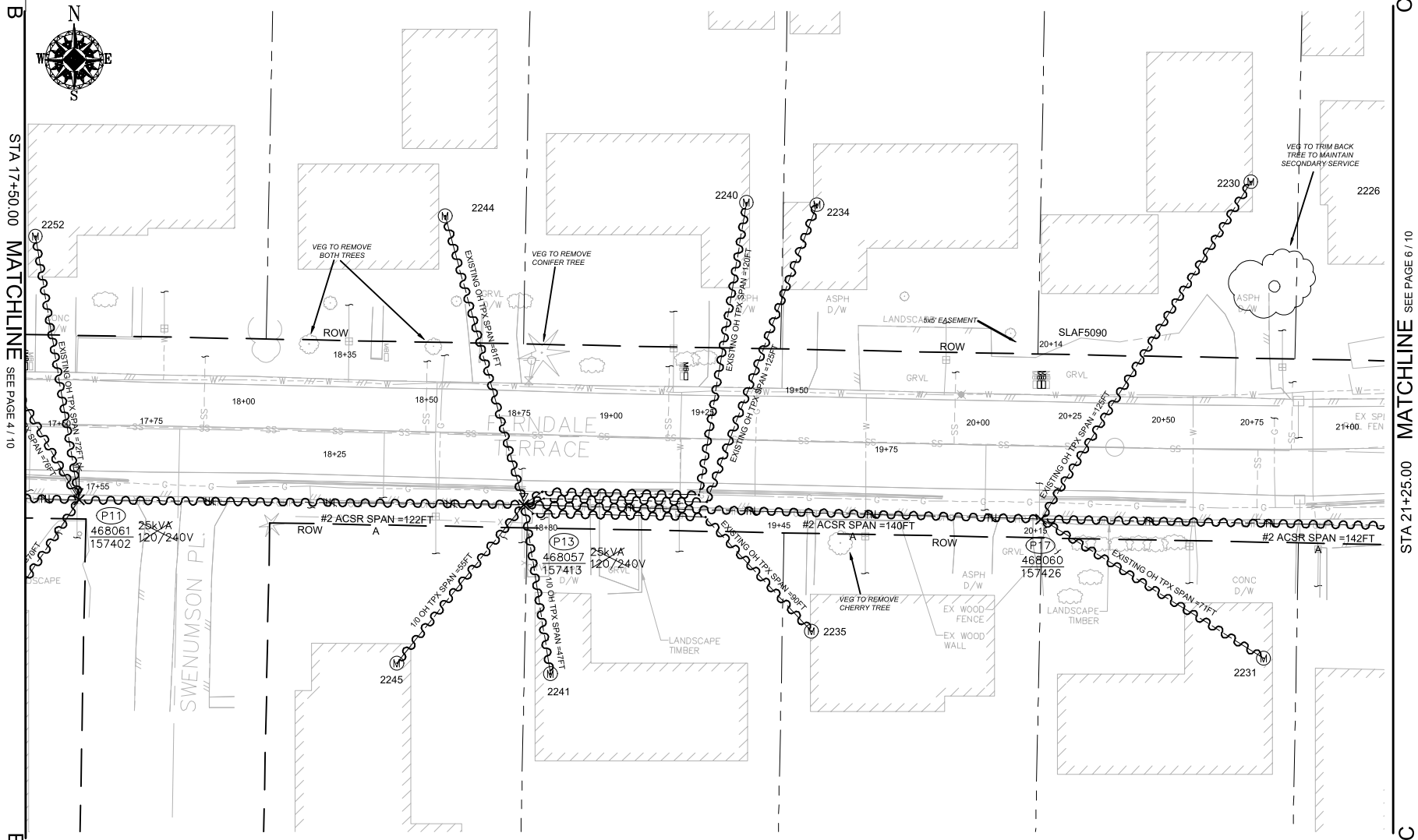
(UNIT 2-7 X1)

P11: EXISTING 2003 45FT CL3 GRID #468061-157402 (STA 17+55.00, L/A = N/A)  
WO# 108159355  
REMOVE EXISTING 25kVA 120/240V OH XFMR  
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 2-302 X1)

(UNIT 2-129 X1)

				REAL ESTATE/EASEMENT		PERMIT	
				RW-133686		FERNDAL	
3				FUNCTION	CONTACT	PHONE NO	DATE
2				PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
1				ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A	N/A	N/A
COUNTY	WHATCOM	Emer Sect	Gas Wk Ctr	POWER WK CTR	CSPFEPI	DRAWN BY	JOHN HATHAWAY
1/4 SEC	T40N R2E S19	N/A	PLAT MAP	N/A	APPROVED BY	JANE MAJOR	360-201-1340
U-MAP NO (POWER)	A3902E075	OH CKT MAP	D3902E080	UG CKT MAP	R3902E075	CIRCUIT NO	VIS-23
						FOREMAN #1	360-941-2007
						FOREMAN #2	360-791-2748
						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			
				CITY OF FERNDAL		INCIDENT	MAOP
				FERNDAL TERRACE INFRASTRUCTURE IMPROVEMENT		Gas Order	Elect Order
				2295 FERNDAL TERRACE, FERNDAL WA		N/A	101172075
				SCALE		PAGE	7/24
				AS NOTED			



SITE PLAN - DEMOLITION (P11/P13/P17)

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	RMVD						
P13	468057-157413	45FT	3	1981	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P17	468060-157426	45FT	3	2003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SLAF5090

WIRE REMOVAL TABLE						
LOCATION		WIRE SIZE & TYPE	QUANTITY	LENGTH (FT PER CONDUCTOR)	TOTAL LENGTH	REMARKS
FROM	TO					
P11	P13	#2 ACSR PRI & NEUT	2	122	244	A PHASE
P13	S/A 2234	EXISTING OH TPX	1	125	125	
P13	S/A 2235	EXISTING OH TPX	1	90	90	
P13	S/A 2240	EXISTING OH TPX	1	120	120	
P13	S/A 2241	EXISTING OH TPX	1	47	47	
P13	S/A 2244	EXISTING OH TPX	1	81	81	
P13	S/A 2245	EXISTING OH TPX	1	55	55	
P13	P17	#2 ACSR PRI & NEUT	2	140	280	A PHASE
P17	S/A 2230	EXISTING OH TPX	1	125	125	
P17	S/A 2231	EXISTING OH TPX	1	71	71	
TOTAL FEET #2 ACSR PRI & NEUT					524	ACTUAL _____ REMOVED
TOTAL FEET EXISTING OH TPX					714	ACTUAL _____ REMOVED

TRANSFORMER REMOVAL

Installed at site:

P13

Grid Number:

468057-157413

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			
3				FUNCTION	CONTACT	PHONE NO	DATE
2				PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
1				ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A	N/A	N/A
COUNTY	WHATCOM	Emer Sect	Gas Wk Ctr	POWER WK CTR	CSPFEPI	DRAWN BY	JOHN HATHAWAY
		N/A	N/A			CHECKED BY	360-201-1340
1/4 SEC		OP MAP		PLAT MAP		APPROVED BY	360-941-2007
						FOREMAN #1	360-791-2748
T40N R2E S19		N/A		N/A		FOREMAN #2	
U-MAP NO (POWER)	A3902E075	OH CKT MAP	D3902E080	UG CKT MAP	R3902E075	CIRCUIT NO	VIS-23
						MAPPING	

JOINT FACILITIES ARRANGEMENTS			
UTILITIES	ZIPPLY	COMCAST	ASTOUND
CONTACT	MIKE MERRILL	KEN BRIDGES	JEREMIAH STRAND
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

N/A

Gas Order

N/A

SCALE

AS NOTED

MAOP

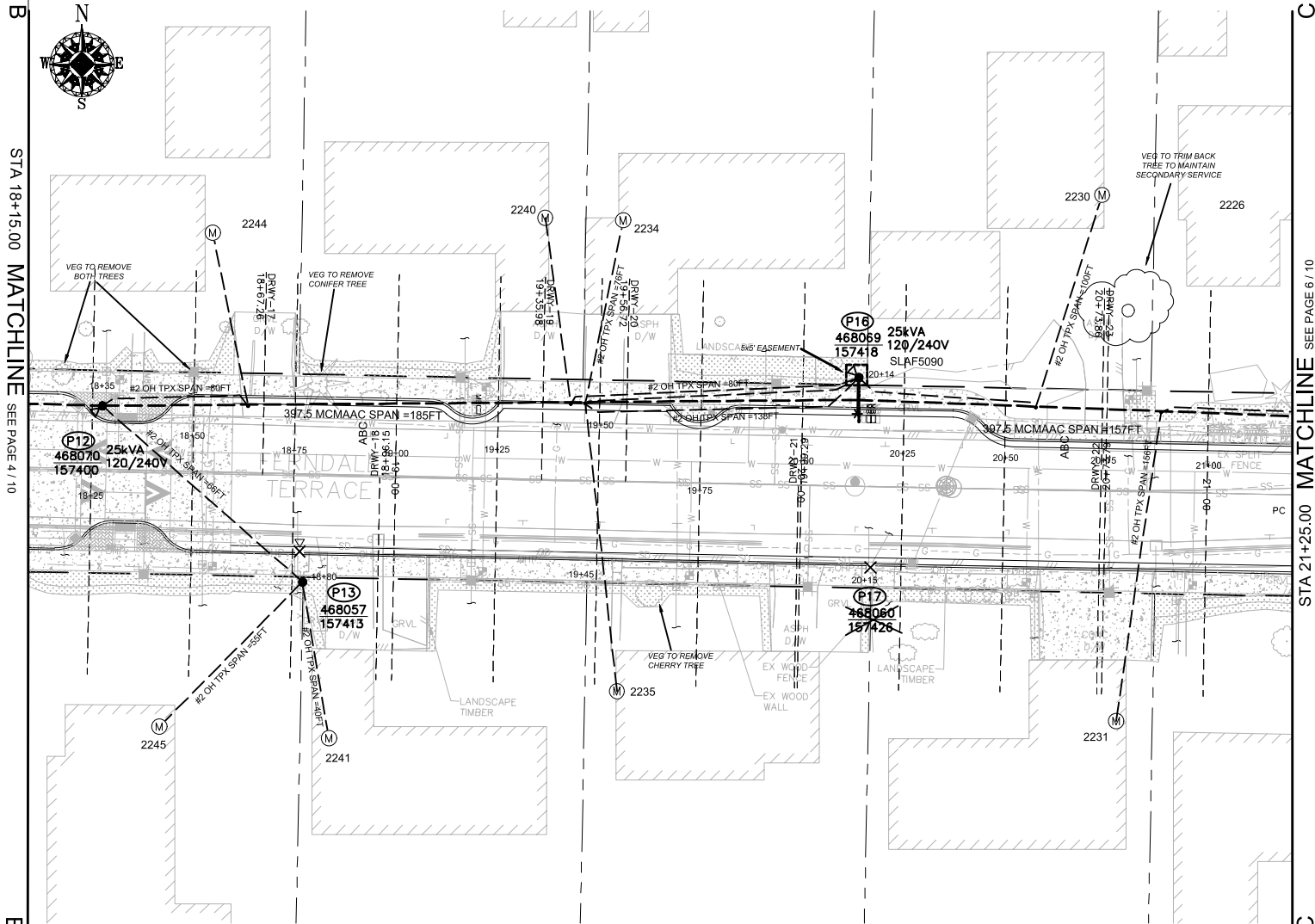
N/A

Elect Order

101172075

PAGE

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SITE PLAN - NEW FACILITIES (P12-P18)

SCALE: 1" = 20'

WIRE STRINGING TABLE

LOCATION		PRI	SEC	WIRE SIZE & TYPE	QUANTITY	LENGTH (FT PER CONDUCTOR)	REMARKS
FROM	TO						
P09	P12	XX		397.5 MCMAAC	3	161	A/B/C PHASES
P09	P12	XX		4/0 ACSR NEUT	1	161	
P12	P16	XX		397.5 MCMAAC	3	148	A/B/C PHASES
P12	P16	XX		4/0 ACSR NEUT	1	148	
P12	P13	XX		#2 OH TPX	1	66	
P16	P21	XX		397.5 MCMAAC	3	157	A/B/C PHASES
P16	P21	XX		4/0 ACSR NEUT	1	157	
P13	S/A 2241	XX		#2 OH TPX	1	40	
P13	S/A 2245	XX		#2 OH TPX	1	55	
P16	S/A 2240	XX		#2 OH TPX	1	80	
P12	S/A 2244	XX		#2 OH TPX	1	80	
P16	S/A 2235	XX		#2 OH TPX	1	138	
P16	S/A 2234	XX		#2 OH TPX	1	76	
P16	S/A 2230	XX		#2 OH TPX	1	100	
TOTAL FEET 397.5 MCMACSR							1398 ACTUAL _____ INSTALLED
TOTAL FEET 4/0 NEUT							466 ACTUAL _____ INSTALLED
TOTAL FEET #2 OH TPX							635 ACTUAL _____ INSTALLED

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 redline 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 redline 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

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 (TRFNXF) FUSE @ 10T AS PER STD 6025.1000

WO# 593260468

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

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

WO# 101172075

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

WO# 108159355

REMOVE EXISTING 25kVA 120/240V 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 2241 & 2245 FERNDAL TERR.

P12 TO P13:

WO# 101172075

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

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

WO# 101172075

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

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

INSTALL NEUTRAL ON 12kV 1-PHASE FG ARM SOUTH (TANF15) AS PER STD 6031.2010

WO# 593260468

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

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

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

WO# 593260468

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 2-7 X1)

(UNIT 2-24 X1)

(UNIT 2-23 X1)

(UNIT 2-129 X1)

(UNIT 2-20A X1)


(UNIT 2-7 X1)

(UNIT 2-24 X1)

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

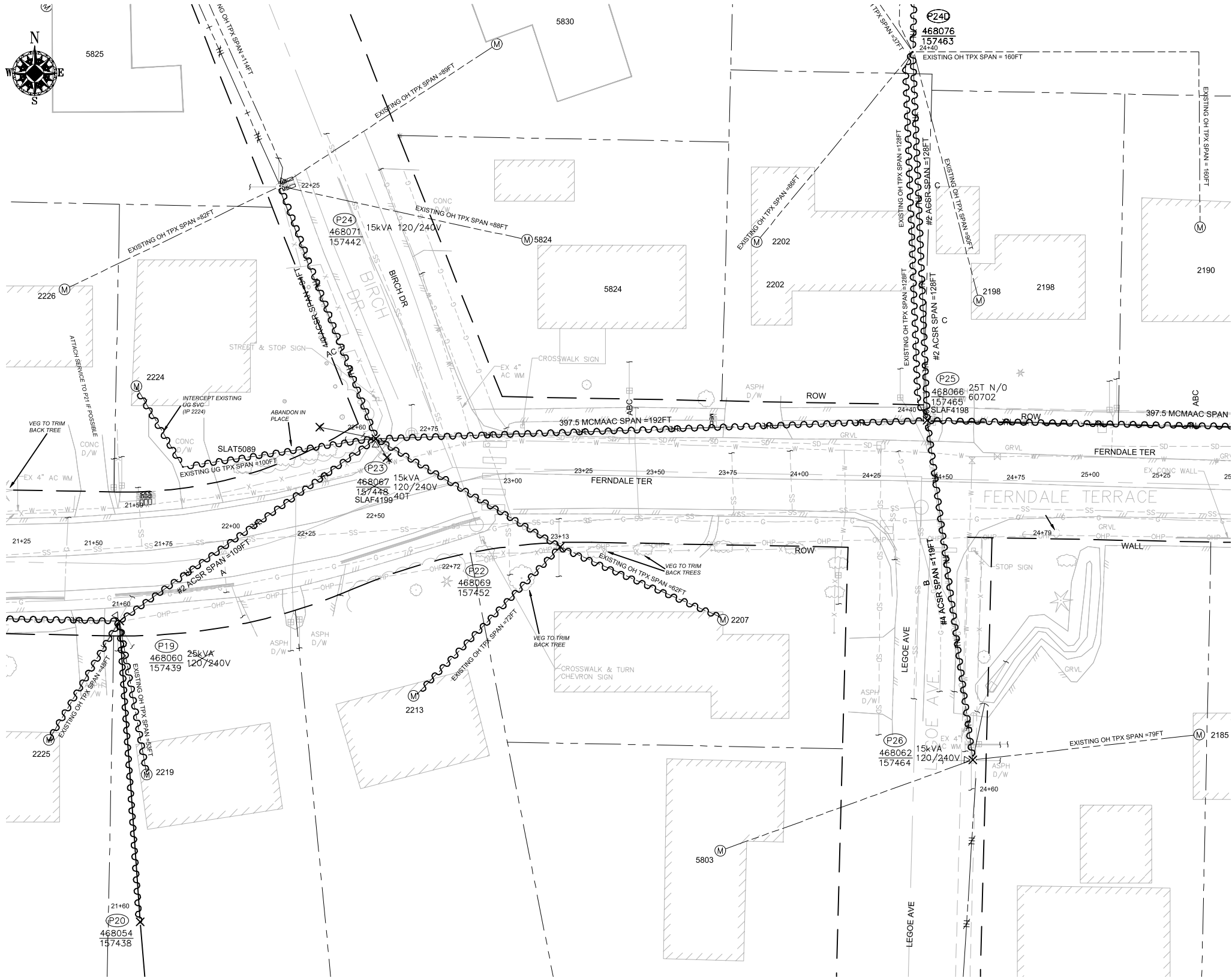
(UNIT 2-302 X1)

(UNIT 2-129 X1)

				REAL ESTATE/EASEMENT		PERMIT	
				RW-133686		FERNDAL TERRACE	
3				FUNCTION	CONTACT	PHONE NO	DATE
2				PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
1				ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A	N/A	N/A
COUNTY	WHATCOM	Emer Sect	Gas Wk Ctr	POWER WK CTR	CSPFEPI	DRAWN BY	JOHN HATHAWAY
1/4 SEC	T40N R2E S19	OP MAP	N/A	PLAT MAP	N/A	CHECKED BY	JOHN HATHAWAY
U-MAP NO (POWER)	A3902E075	OH CKT MAP	D3902E080	UG CKT MAP	R3902E075	APPROVED BY	JANE MAJOR
				CIRCUIT NO	VIS-23	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			
 <b>PUGET SOUND ENERGY</b>				CITY OF FERNDAL			
				FERNDAL TERRACE INFRASTRUCTURE IMPROVEMENT			
				2295 FERNDAL TERRACE, FERNDAL WA			
				INCIDENT	N/A	MAOP	N/A
				Gas Order	N/A	Elect Order	101172075
				SCALE	AS NOTED	PAGE	9/24

STA 21+25.00 MATCHLINE SEE PAGE 6 / 10

C



SITE PLAN - DEMOLITION(P19/P20/P22/P23/P24/24D/P25/P26)

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	RMVD						
P19	468060-157439	45FT	3	2003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SLAT5089
P20	468054-157438	UNK	UNK	UNK	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P22	468069-157452	45FT	3	2003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P23	468067-157448	45FT	4	2003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SLAF4199
P25	468066-157465	45FT	2	2002	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SLAF 4198
P26	468052-157464	45FT	3	2012	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

TRANSFORMER REMOVAL

Installed at site: **P19**  
Grid Number: 468060-157439  
kVA Rating: 25kVA

Foreman to redline the following information

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

TRANSFORMER REMOVAL

Installed at site: **P23**  
Grid Number: 468067-157448  
kVA Rating: 25kVA

Foreman to redline the following information

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

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   /  

STA 25+50.00 MATCHLINE SEE PAGE 7 / 10

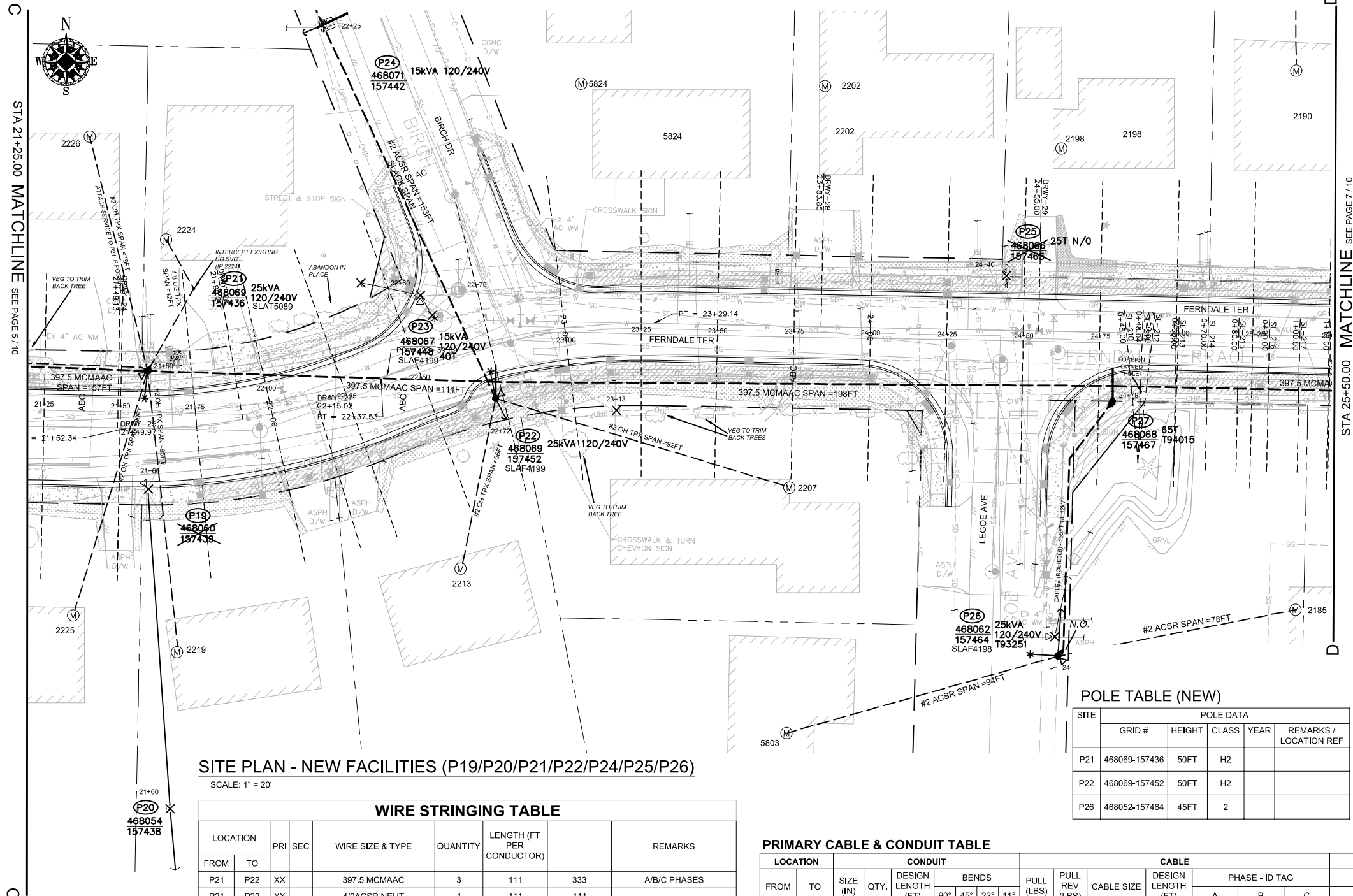
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WIRE REMOVAL TABLE

LOCATION		WIRE SIZE & TYPE	QUANTITY	LENGTH (FT PER CONDUCTOR)	TOTAL LENGTH	REMARKS
FROM	TO					
P17	P19	#2 ACSR PRI & NEUT	2	142	284	A PHASE
P19	S/A 2219	EXISTING OH TPX	1	53	53	
P19	S/A 2225	EXISTING OH TPX	1	48	48	
P19	P23	#2 ACSR PRI & NEUT	2	109	218	A PHASE
P22	P23	EXISTING OH TPX	1	74	74	
P22	S/A 2207	EXISTING OH TPX	1	62	62	
P22	S/A 2213	EXISTING OH TPX	1	72	72	
P23	P24	4/0 ACSR PRI & NEUT	3	94	282	A/C PHASES
P23	P25	397.5 MCM ACSR	3	192	576	A/B/C PHASES
P23	P25	4/0 ACSR NEUT	1	192	192	
P24	P24A	4/0 ACSR NEUT	1	114	114	
P24D	P25	EXISTING OH TPX	1	128	128	
P24D	P25	#2 ACSR PRI & NEUT	2	128	256	C PHASE
P25	P26	#4 ACSR PRI & NEUT	2	119	238	B PHASE
TOTAL FEET #2 ACSR PRI & NEUT					758	ACTUAL____REMOVED
TOTAL FEET EXISTING OH TPX					437	ACTUAL____REMOVED
TOTAL FEET 4/0 ACSR PRI & NEUT					588	ACTUAL____REMOVED
TOTAL FEET 397.5 MCM ACSR					576	ACTUAL____REMOVED
TOTAL FEET #4 ACSR PRI & NEUT					238	ACTUAL____REMOVED

REAL ESTATE/EASEMENT				PERMIT			
RW-133686				FERNDALE			
3				FUNCTION	CONTACT	PHONE NO	DATE
2				PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
1				ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A	N/A	N/A
COUNTY	WHATCOM	Emer Sect	Gas Wk Ctr	POWER WK CTR	JOHN HATHAWAY	360-201-1340	1/10/25
1/4 SEC	T40N R2E S19	N/A	PLAT MAP	CSPFEPI	360-941-2007	1/10/25	
U-MAP NO (POWER)	A3902E075	OH CKT MAP	D3902E080	CIRCUIT NO	FOREMAN #1	360-791-2748	1/10/25
		R3902E075	VIS-23	MAPING	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			
CITY OF FERNDALE FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT 2295 FERNDALE TERRACE, FERNDALE WA						INCIDENT	MAOP
						Gas Order	Elect Order
						101172075	101172075
						SCALE	PAGE
						AS NOTED	10/24

101172075



SITE PLAN - NEW FACILITIES (P19/P20/P21/P22/P24/P25/P26)

WIRE STRINGING TABLE						
LOCATION		PRI	SEC	WIRE SIZE & TYPE	QUANTITY	REMARKS
FROM	TO					
P21	P22	XX		397.5 MCMAAC	3	A/B/C PHASES
P21	P22	XX		4/0ACSR NEUT	1	
P21	S/A 2219	XX		#2 OH TPX	1	
P21	S/A 2231	XX		#2 OH TPX	1	
P19	S/A 2225	XX		#2 OH TPX	1	
P22	S/A 2207	XX		#2 OH TPX	1	
P22	S/A 2213	XX		#2 OH TPX	1	
P22	P24	XX		#2 PRI & NEUT	2	A/C PHASES
P22	P27	XX		397.5 MCMAAC	3	A/B/C PHASES
P22	P27	XX		4/0ACSR NEUT	1	
P26	S/A 2185	XX		#2 OH TPX	1	
P26	S/A 5803	XX		#2 OH TPX	1	
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

PRIMARY CABLE & CONDUIT TABLE

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

SECONDARY CABLE & CONDUIT TABLE

LOCATION		CABLE			CONDUIT							VOLTAGE		ASBUILT INFORMATION		
		SIZE	LENGTH	ASSUMED	SIZE	LENGTH	BENDS				DROP	FLICKER				
FROM	TO	(1/0,4/0,350)	Design (ft)	Lot Corner to Meter (ft)	(in)	Design (ft)	90°	45°	22°	11°	(Percent)	(Percent)	Foreman - Complete			
P21	S/A 2224	4/0	75	40	3	40	2	-	-	-	-	-	Actual Amount Installed		Cable	Conduit
1/0 UG Triplex (ft) = -				2" PVC & BENDS (ft)= -				0	0	0	0	0.1				
4/0 UG Triplex (ft) = 75				3" PVC & BENDS (ft)= 40				2	0	0	0	0.1				
350 UG Triplex (ft) = -								TOTAL QTS OF GLUE				0.2				
																3
																2
																1
																REV#

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 (TRFNXF) 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 FERNDAL TERR.  
NOTE: CONVERT EXISTING OH SVC TO BRIDLE SERVICE TO S/A 2231 FERNDAL TERR.  
INSTALL TPX TO S/A 2226 FERNDAL TERR.  
NOTE: INSTALL IF POSSIBLE  
WO# 594162199  
INSTALL (REPLACE) 4/0 UG TPX TO S/A 2224 FERNDAL TERR. APPROX. 40FT (ACTUAL: \_\_\_\_\_FT)  
TRENCH & INSTALL NEW 3" DB120 CONDUIT APPROX. 40FT (ACTUAL = \_\_\_\_\_FT)  
NOTE: INTERCEPT EXISTING SVC (IP 2224)  
(UNIT 2-7 X1)  
(UNIT 2-24 X1)  
(UNIT 2-24 X1)  
(UNIT 3-3 X2)(UNIT 3-5 X2)

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 2Ø DE #2ACSR (DE2215) (NORTH) AS PER STD 6032.1040  
INSTALL 25kVA 7-120/240 OH XFMR (TRFNXF) FUSE @ 10T AS PER STD 6025.1000  
INSTALL SINGLE HELIX ANCHOR (ANDH1) (LEAD = 8FT SOUTH) 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  
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 FERNDAL TERR.  
(UNIT 2-7 X1)  
(UNIT 2-24 X1)  
(UNIT 1-8E X1)

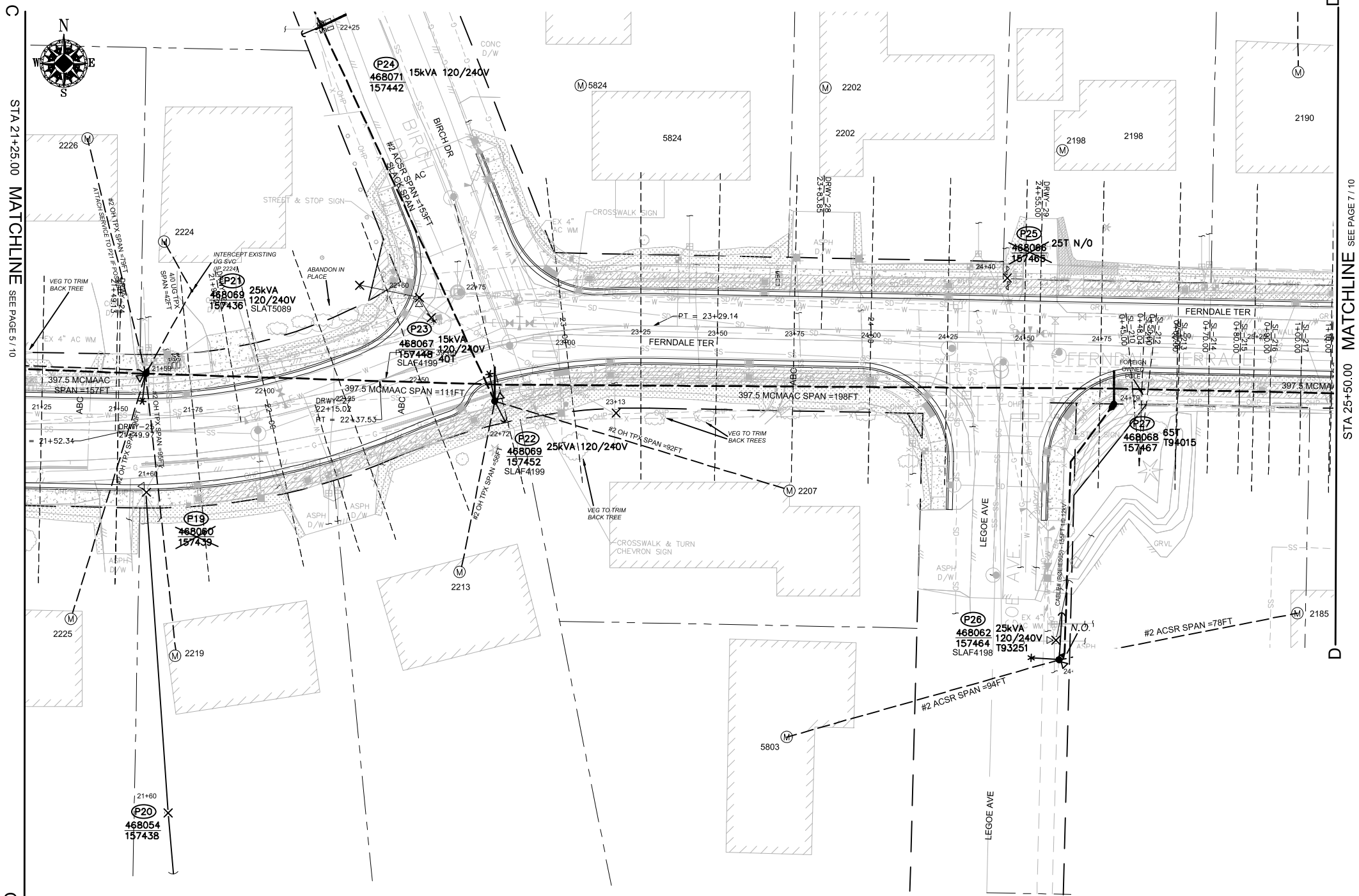
P23: EXISTING 2003 45FT CL4 GRID #468067-157448 (STA 22+60.00, L/A = N/A)  
WO# 108159355  
REMOVE EXISTING 15kVA 120/240V OH XFMR  
REMOVE POLE STUB AFTER COMMUNICATION TRANSFERS HAVE BEEN COMPLETED  
ATTACHED UTILITIES: COMCAST  
WO# 593260468  
INSTALL (TRANSFER) EXISTING STREET LIGHT (SLAF 4199) 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		

REAL ESTATE/EASEMENT				PERMIT			
RW-133686				FERNDAL			
3				FUNCTION	CONTACT	PHONE NO	DATE
2				PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
1				ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A	N/A	N/A
COUNTY	WHATCOM	Emer Sect	Gas Wk Ctr	POWER WK CTR	CSPFEPI	360-201-1340	1/10/25
1/4 SEC	T40N R2E S19	OP MAP	N/A	PLAT MAP	N/A	360-941-2007	1/10/25
U-MAP NO (POWER)	A3902E075	OH CKT MAP	D3902E080	UG CKT MAP	R3902E075	360-791-2748	1/10/25
CIRCUIT NO				FOREMAN #1			
VIS-23				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			
CITY OF FERNDAL				INCIDENT	MAOP		
FERNDAL TERRACE INFRASTRUCTURE IMPROVEMENT				N/A	N/A		
2295 FERNDAL TERRACE, FERNDAL WA				Gas Order	Elect Order		
				N/A	101172075		
				SCALE	PAGE		
				AS NOTED	11/24		





SITE PLAN - NEW FACILITIES (P19/P20/P21/P22/P24/P25/P26)

SCALE: 1" = 20'

SITE SPECIFIC NOTES (CONTINUED) (PART 2)

P24: EXISTING 2002 45FT CL3 GRID# 468071-157442 (STA 22+25.00, L/A = N/A)  
WO# 101172075  
INSTALL 3-PHASE SGL WINGARM 397 (TASW313) AS PER STD 6033.4012  
INSTALL SINGLE HELIX ANCHOR (ANDH1) (LEAD = 5FT WEST) AS PER STD 6012.1000  
INSTALL PRIMARY GUY 3/8" ANC W/AUTO GRIP (GYD35A) AS PER STD 6013.0100  
INSTALL NEUTRAL GUY 3/8" ANC W/AUTO GRIP (GYD35AN) AS PER STD 6013.0100

(UNIT 1-8E X1)

P25: EXISTING 2002 45FT CL2 GRID #468066-157465 (STA 24+40.00, L/A = 18")  
WO# 108159355  
REMOVE POLE STUB AFTER COMMUNICATION TRANSFERS HAVE BEEN COMPLETED  
ATTACHED UTILITIES: COMCAST, ZIPLY, AND ASTOUND

(UNIT 2-129 X1)

WO# 593260468  
TRANSFER EXISTING 397.5 MCMAAC SPAN  
INSTALL (TRANSFER) EXISTING STREET LIGHT (SLAF 4198) TO P26

(UNIT 2-302 X1)

P26: EXISTING 2002 45FT CL3 GRID #468062-157464 (STA 24+60.00, L/A = 2")  
WO# 101172075  
INSTALL (REPLACE) 45FT CL2 (PD452) AS PER STD 6010.1000  
INSTALL (REPLACE) 25kVA 7-120/240 OH XFMR (TRFNXF) FUSE @ 10T AS PER STD 6025.1000  
INSTALL SINGLE HELIX ANCHOR (ANDH1) (LEAD = 15FT NORTH) AS PER STD 6012.1000  
INSTALL PRIMARY GUY 3/8" ANC W/AUTO GRIP (GYD35A) AS PER STD 6013.0100  
INSTALL NEUTRAL GUY 3/8" ANC W/AUTO GRIP (GYD35AN) AS PER STD 6013.0100  
INSTALL RISER, 4" COND SYS STANDOFF (RIS4CSS) AS PER STD 6042.1000  
INSTALL 12KV SINGLE-PHASE TERM, LI, UG FEED (UTSU1LI) AS PER STD 6043.1001  
NOTE: OPERATE AS NORMAL OPEN

(UNIT 2-23 X1)

(UNIT 2-24 X1)

(UNIT 1-8E X1)

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

INSTALL SOLID BLADE DOOR MID# 9995608  
INSTALL CABLE TAG #B0EIE774  
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 EXISTING #4 ACSR SPAN (+/- 10FT)  
TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2185 FERNDAL TERR. & 5803 LEGOE

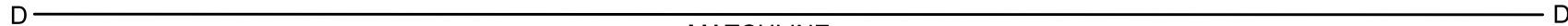
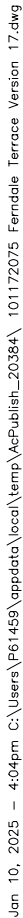
(UNIT 2-129 X1)

P26 TO P27:  
WO# 101172075  
TRENCH & INSTALL NEW 4-IN DB120 CONDUIT APPROX. 85FT (ACTUAL = \_\_\_\_FT)  
INSTALL NEW 12KV 1-PHASE 1/0 CABLE APPROX. 155FT (ACTUAL = \_\_\_\_FT)  
INSTALL CABLE TAG #B0EIE508


(UNIT 2-49 X 85FT) (UNIT 2-36 X 85FT)

(UNIT 2-54 X 155FT)

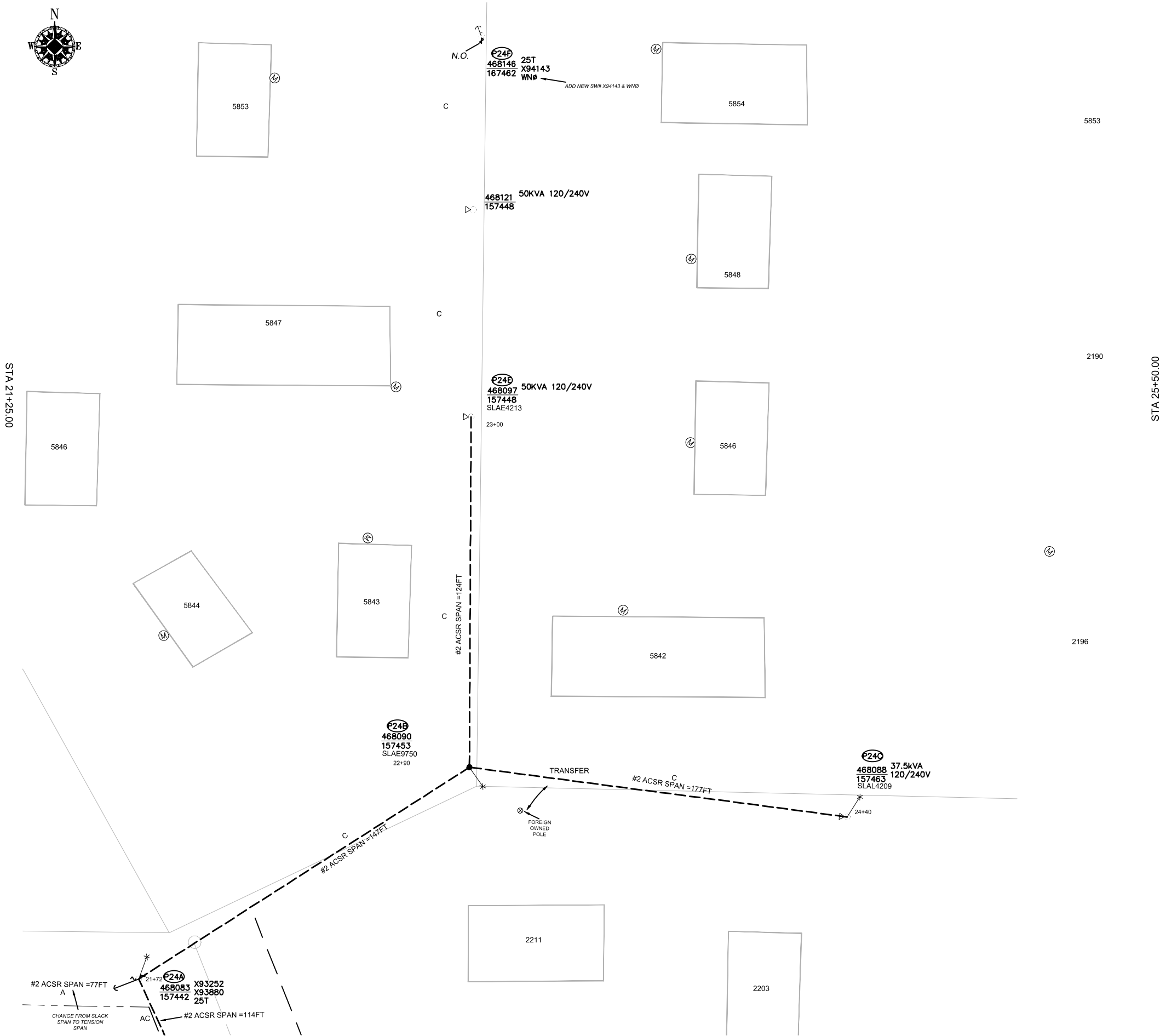
REAL ESTATE/EASEMENT				PERMIT			
RW-133686				FERNDAL			
3	FUNCTION	CONTACT	PHONE NO	DATE			
2	PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25			
1	ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25			
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A	N/A	N/A
COUNTY	Emer Sect	Gas Wk Ctr	POWER WK CTR	DRAWN BY	JOHN HATHAWAY	360-201-1340	1/10/25
WHATCOM	N/A	N/A	CSPFEPI	CHECKED BY	JANE MAJOR	360-941-2007	1/10/25
1/4 SEC	OP MAP	N/A	PLAT MAP	APPROVED BY	JOHN HATHAWAY	360-791-2748	1/10/25
T40N R2E S19	N/A	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	JEREMIAH STRAND	N/A			
PHONE#	615-719-0199	253-278-4268	360-500-9011	N/A			
PUGET SOUND ENERGY				CITY OF FERNDAL			
				FERNDAL TERRACE INFRASTRUCTURE IMPROVEMENT			
				2295 FERNDAL TERRACE, FERNDAL WA			
				INCIDENT	MAOP		
				N/A	N/A		
				Gas Order	Elect Order		
				N/A	101172075		
				SCALE	PAGE		
				AS NOTED	12/24		



SCALE: 1" = 20'

						<b>REAL ESTATE/EASEMENT</b>		<b>PERMIT</b>					
						RW-133686		FERNDALE					
<div style="text-align: center;"> <div>3</div> <div>2</div> <div>1</div> </div>						<b>FUNCTION</b> PROJECT MGR ENGR - POWER		<b>CONTACT</b> JANE MAJOR JORDAN VELASCO		<b>PHONE NO</b> 360-791-2748 360-296-3127		<b>DATE</b> 1/10/25 1/10/25	
<b>REV#</b> <b>DATE</b> <b>BY</b> <b>DESCRIPTION</b>						ENGR - GAS		N/A		N/A		N/A	
COUNTY						Emer Sect		Gas Wk Ctr		POWER WK CTR			
WHATCOM						N/A		N/A		CSPEFI			
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-20			
<b>JOINT FACILITIES ARRANGEMENTS</b>													
UTILITIES						ZIPLY		COMCAST		ASTOUND		N/A	
CONTACT						MIKE MERRILL		KEN BRIDGES		JEREMAH STRAND		N/A	
PHONE#						615-719-0199		253-278-4268		360-500-8011		N/A	
 <div style="margin-left: 20px;"> <b>CITY OF FERNDALE</b>          FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT          2295 FERNDALE TERRACE, FERNDALE WA       </div>										<b>INCIDENT</b>		<b>MAOP</b>	
										N/A		N/A	
										Gas Order N/A		Elect Order 1/17/2075	
										<b>SCALE</b>		<b>PAGE</b>	
AS NOTED		13/24											

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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 (UNIT 2-21 X1)(UNIT 2-22 X2)  
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 (UNIT 2-24 X1)  
INSTALL SWITCH C/O 1PH LNK BRK (DLS115L) SWITCH #X93880 FUSE 25T (EAST) AS PER STD 6022.1000 (UNIT 2-24 X1)  
INSTALL SINGLE HELIX ANCHOR (ANDH1) (LEAD = 10FT SW) AS PER STD 6012.1000 (UNIT 1-8E X1)  
INSTALL PRIMARY GUY 3/8" ANC W/AUTO GRIP (GYD35A) AS PER STD 6013.0100  
INSTALL NEUTRAL GUY 3/8" ANC W/AUTO GRIP (GYD35AN) AS PER STD 6013.0100
- 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 (UNIT 2-7 X1)  
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 2-302 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 (UNIT 2-23 X1)  
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 (UNIT 2-24 X1)  
NOTE: OPERATE AS NORMAL OPEN (W/NØ)

POLE TABLE (NEW)

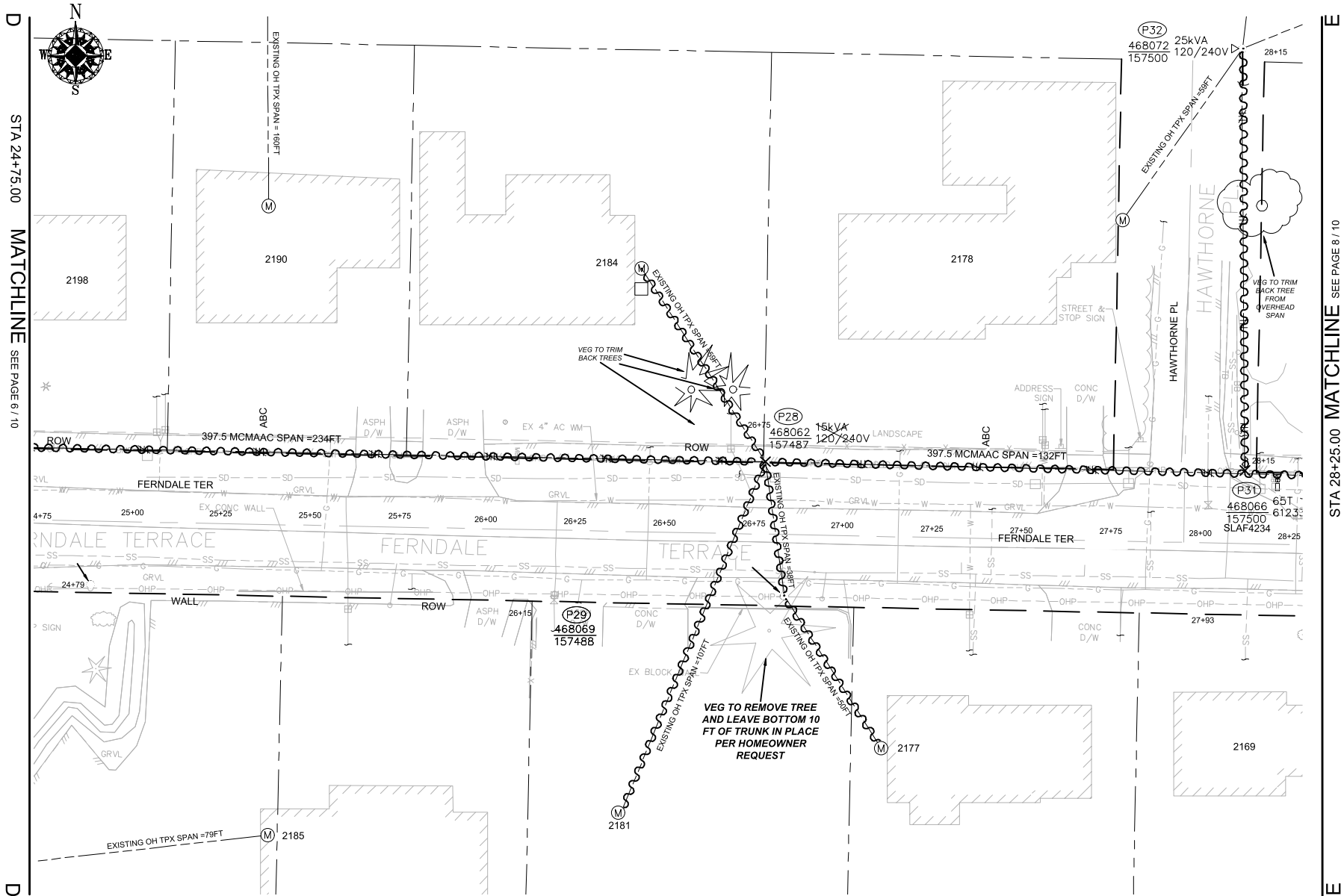
SITE	POLE DATA				
	GRID #	HEIGHT	CLASS	YEAR	REMARKS / LOCATION REF
P24B	468090-157453	45FT	2		

WIRE STRINGING TABLE

LOCATION		PRI	SEC	WIRE SIZE & TYPE	QUANTITY	LENGTH (FT PER CONDUCTOR)		REMARKS
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	
3				FUNCTION	CONTACT	PHONE NO	DATE
2				PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
1				ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A	N/A	N/A
COUNTY	WHATCOM	Emer Sect	Gas Wk Ctr	POWER WK CTR	JOHN HATHAWAY	360-201-1340	1/10/25
1/4 SEC	T40N R2E S19	N/A	N/A	CSPFEPI	CHECKED BY	360-941-2007	1/10/25
U-MAP NO (POWER)	A3902E075	OH CKT MAP	D3902E080	UG CKT MAP	APPROVED BY	360-791-2748	1/10/25
					FOREMAN #1		
					FOREMAN #2		
					MAPPING		
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						INCIDENT	MAOP
						N/A	N/A
CITY OF FERNDALE FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT 2295 FERNDALE TERRACE, FERNDALE WA						Gas Order	Elect Order
						N/A	101172075
						SCALE	PAGE
						AS NOTED	14/24





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	RMVD						
P28	468062-157487	45FT	3	2012	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
P31	468066-157500	45FT	3	2002	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SLAF4234


WIRE REMOVAL TABLE						
LOCATION		WIRE SIZE & TYPE	QUANTITY	LENGTH (FT PER CONDUCTOR)	TOTAL LENGTH	REMARKS
FROM	TO					
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

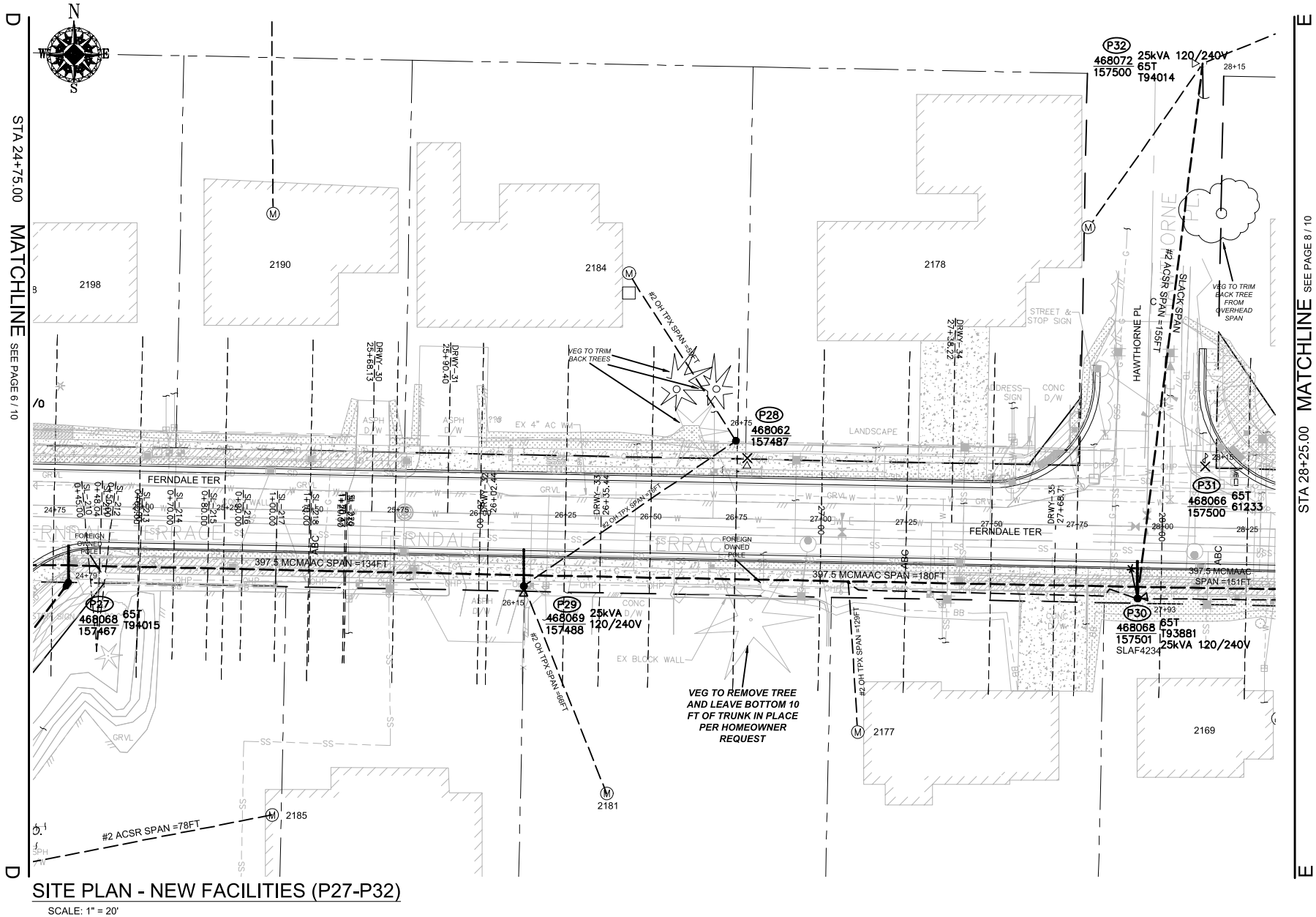
TRANSFORMER REMOVAL

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 1

				REAL ESTATE/EASEMENT		PERMIT	
				RW-133686		FERNDALE	
3				FUNCTION	CONTACT	PHONE NO	DATE
2				PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
1				ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A	N/A	N/A
COUNTY	WHATCOM	Emer Sect	Gas Wk Ctr	POWER WK CTR	CSPEFI	DRAWN BY	JOHN HATHAWAY
1/4 SEC	T40N R2E S19	OP MAP	N/A	PLAT MAP	N/A	CHECKED BY	WES Schlegel
U-MAP NO (POWER)	A3902E075	OH CKT MAP	D3902E080	UG CKT MAP	R3902E075	APPROVED BY	JANE MAJOR
				CIRCUIT NO	VIS-23	FOREMAN #1	360-201-1340
						FOREMAN #2	360-941-2007
						MAPPING	360-791-2748
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			
 PUGET SOUND ENERGY				CITY OF FERNDAL			
				FERNDAL TERRACE INFRASTRUCTURE IMPROVEMENT			
				2295 FERNDALE TERRACE, FERNDALE WA			
				INCIDENT		N/A	
				Gas Order		Elect Order	
				N/A		11/172075	
				SCALE		PAGE	
				AS NOTED		15/24	



SITE PLAN - NEW FACILITIES (P27-P32)  
SCALE: 1" = 20'

### WIRE STRINGING TABLE

LOCATION		PRI	SEC	WIRE SIZE & TYPE	QUANTITY	LENGTH (FT PER CONDUCTOR)	REMARKS
FROM	TO						
P27	P29	XX		397.5 MCMAAC	3	134	A/B/C PHASES
P27	P29	XX		4/0ACSR NEUT	1	134	
P28	P29		XX	#2 OH TPX	1	76	
P29	P30	XX		397.5 MCMAAC	3	180	A/B/C PHASES
P29	P30	XX		4/0ACSR NEUT	1	180	
P28	S/A 2184		XX	#2 OH TPX	1	59	
P30	S/A 2177		XX	#2 OH TPX	1	129	
P30	S/A 2169		XX	#2 OH TPX	1	111	
P29	S/A 2181		XX	#2 OH TPX	1	66	
P30	P32	XX		#2 PRI & NEUT	2	155	
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

### POLE TABLE (NEW)

SITE	POLE DATA				
	GRID #	HEIGHT	CLASS	YEAR	REMARKS / LOCATION REF
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:   I  

#### 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:   I  

### 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 (TSU1L1) 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 FERNDAL 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 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 2181 FERNDAL 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 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 2169 & 2177 FERNDAL 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 DE #2 (DE2115) AND INSTALL COVERED JUMPER AS PER STD 6031.1040

NOTE: SLACK SPAN


(UNIT 2-15 X155FT)

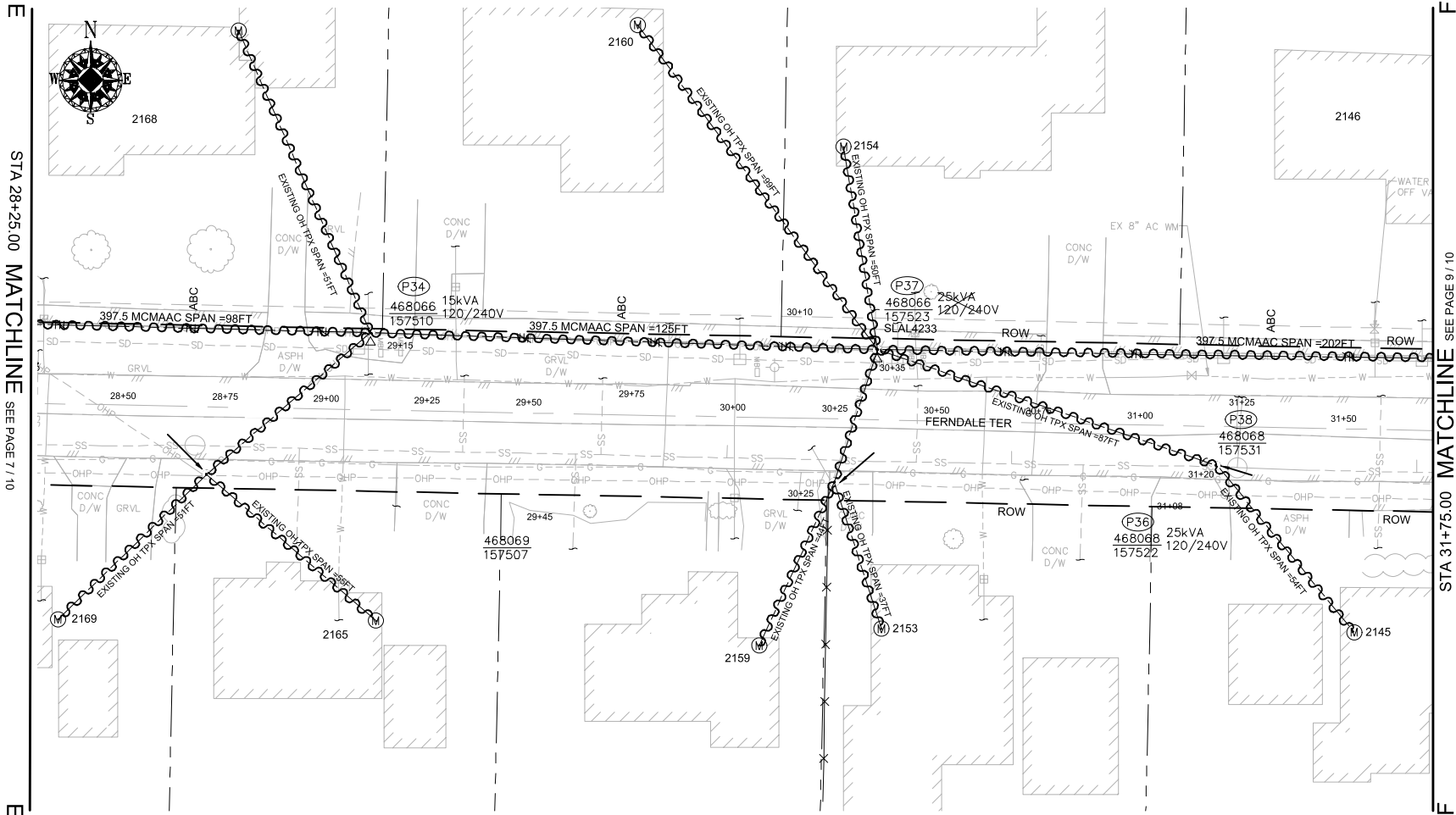
NORTH SIDE P30 TO P32

WO# 101172075

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

NOTE: SLACK SPAN

				REAL ESTATE/EASEMENT		PERMIT	
				RW-133686		FERNDAL TERR	
3				FUNCTION	CONTACT	PHONE NO	DATE
2				PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
1				ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A	N/A	N/A
COUNTY	WHATCOM	Emer Sect	Gas Wk Ctr	POWER WK CTR	CSPFEPI	DRAWN BY	JOHN HATHAWAY
1/4 SEC	T40N R2E S19	OP MAP	N/A	PLAT MAP	N/A	CHECKED BY	360-941-2007
U-MAP NO (POWER)	A3902E075	OH CKT MAP	D3902E080	UG CKT MAP	R3902E075	APPROVED BY	JANE MAJOR
				CIRCUIT NO	VIS-23	FOREMAN #1	360-791-2748
						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			
 <b>PUGET SOUND ENERGY</b>				CITY OF FERNDAL			
				FERNDAL TERRACE INFRASTRUCTURE IMPROVEMENT			
				2295 FERNDAL TERRACE, FERNDAL WA			
				INCIDENT	MAOP		
				N/A	N/A		
				Gas Order	Elect Order		
				N/A	101172075		
				SCALE	PAGE		
				AS NOTED	16/24		



SITE PLAN - DEMOLITION (P33/P34/P36/P37/P38)  
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	RMVD						
P34	468066-157510	35FT	3	2003	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
P37	468066-157523	45FT	3	2012	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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 reline the following information

Company ID#: \_\_\_\_\_  
Primary phase connected to: \_\_\_\_\_  
Tested Secondary Voltage   I  

TRANSFORMER REMOVAL

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

Foreman to reline the following information

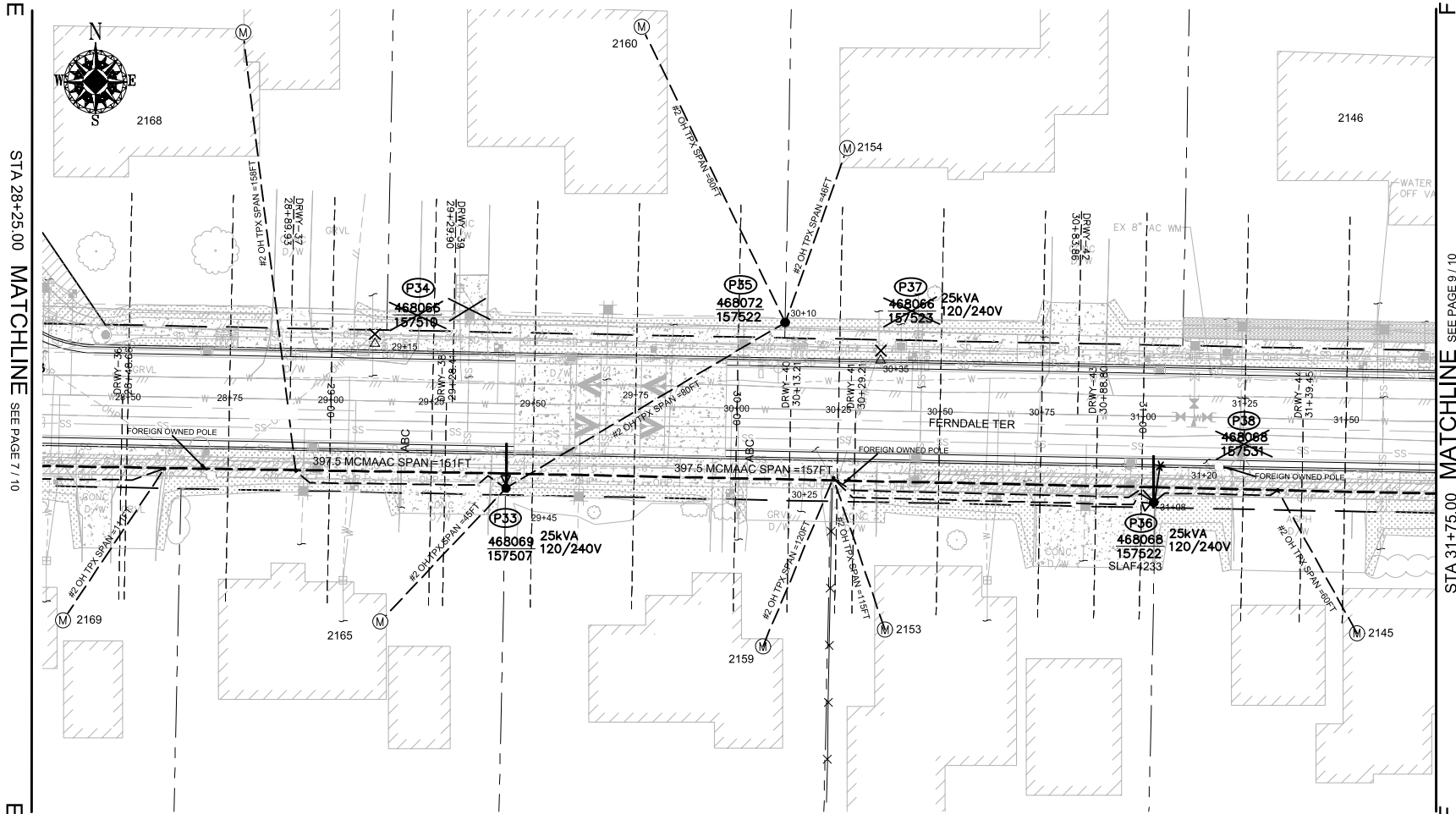
Company ID#: \_\_\_\_\_  
Primary phase connected to: \_\_\_\_\_  
Tested Secondary Voltage   I  

WIRE REMOVAL TABLE

LOCATION		WIRE SIZE & TYPE	QUANTITY	LENGTH (FT PER CONDUCTOR)	TOTAL LENGTH	REMARKS
FROM	TO					
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	
3				FUNCTION	CONTACT
2				PROJECT MGR	JANE MAJOR
1				ENGR - POWER	JORDAN VELASCO
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A
COUNTY	WHATCOM	Emer Sect	Gas Wk Ctr	POWER WK CTR	CSPFEPI
1/4 SEC	T40N R2E S19	OP MAP	N/A	PLAT MAP	N/A
U-MAP NO (POWER)	A3902E075	OH CKT MAP	D3902E080	UG CKT MAP	R3902E075
JOINT FACILITIES ARRANGEMENTS				FOREMAN #1	FOREMAN #2
UTILITIES				MAOP	N/A
CONTACT				Gas Order	N/A
PHONE#				Elect Order	101172075
PUGET SOUND ENERGY				SCALE	PAGE
CITY OF FERNDALE				AS NOTED	17/24
FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT				101172075	
2295 FERNDALE TERRACE, FERNDALE WA				17/24	

E STA 28+25.00 MATCHLINE SEE PAGE 7 / 10



F STA 31+75.00 MATCHLINE SEE PAGE 9 / 10

SITE SPECIFIC NOTES (CONTINUED)

- P33: NEW POLE 50FT CLH2 GRID #468069-157507 (STA 29+45.00, L/A = N/A)**  
WO# 101172075  
INSTALL (NEW) 50FT CLH2 (PD50H2) AS PER STD 6010.1000  
NOTE: *INSTALL TREATED POLE WRAP (MID# 9997789)*  
NOTE: *DEEP SET POLE 2'*  
NOTE: *EXISTING POLE ZIPLY OWNED POLE ZIPLY TO REMOVE*  
INSTALL 3-PHASE SGL WINGARM 397 (TASW313) AS PER STD 6033.4012  
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 2165 & 2168 FERDALE TERR.  
NOTE: *CONVERT EXISTING OH SVC TO BRIDLE SERVICE TO S/A 2165 & 2168*

**P34: EXISTING 2003 35FT CL3 GRID# 468066-157510 (STA 29+15.00, L/A = 0°)**  
WO# 108159355  
REMOVE EXISTING 15KVA 120/240 OH XFMR (TRFRXF) FUSE @ 10T AS PER STD 6025.1000  
REMOVE POLE STUB AFTER COMMUNICATION TRANSFERS HAVE BEEN COMPLETED  
ATTACHED UTILITIES: *COMCAST AND ASTOUND*

**P35: NEW POLE 35FT CL3 GRID# 468072-157522 (STA 30+10.00, 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 2154 & 2160 FERDALE TERR.

**P36: NEW POLE 45FT CLH2 GRID# 468068-157522 (STA 31+08.00, L/A = N/A)**  
WO# 101172075  
INSTALL (NEW) 45FT CLH2 (PD45H2) AS PER STD 6010.1000  
NOTE: *EXISTING POLE ZIPLY OWNED POLE ZIPLY TO REMOVE*  
INSTALL 3-PHASE SGL WINGARM 397 (TASW313) AS PER STD 6033.4012  
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 2145, 2153 & 2159 FERDALE TERR.  
NOTE: *CONVERT EXISTING OH SVC TO BRIDLE SERVICE TO S/A 2145, 2153 & 2159*  
INSTALL (TRANSFER) EXISTING STREET LIGHT (SLAF 4233) FROM P37

**P33 TO P35:**  
WO# 101172075  
INSTALL #2 OH SEC TPX APPROX. 80FT (ACTUAL: \_\_\_\_\_ FT)

**P37: EXISTING 2012 45FT CL3 GRID# 468066-157523 (STA 30+35.00, L/A = 0°)**  
WO# 108159355  
REMOVE EXISTING 25KVA 120/240 OH XFMR (TRFRXF) FUSE @ 10T AS PER STD 6025.1000  
REMOVE POLE STUB AFTER COMMUNICATION TRANSFERS HAVE BEEN COMPLETED  
ATTACHED UTILITIES: *COMCAST AND ASTOUND*

**P37 TO P38 TO S/A 2145 METER:**  
WO# 108159355  
REMOVE 1-SPAN #2 OH SEC. TPX 137FT (ACTUAL: \_\_\_\_\_ FT) TO S/A 2145 FERDALE TERR.  
EXISTING ZIPLY OWNED POLE, ZIPLY TO REMOVE
- (UNIT 2-7 X1)

(UNIT 2-24 X1)

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

(UNIT 2-129 X1)

(UNIT 2-7 X1)

(UNIT 3-3 X2)

(UNIT 2-7 X1)

(UNIT 2-24 X1)

(UNIT 3x3 X3) (UNIT 3-5 X6)

(UNIT 2-302 X1)

(UNIT 2-20A X1)

(UNIT 2-129 X1)

(UNIT 2-20A X1)

SITE PLAN - NEW FACILITIES (P33/P34/P35/P36/P38/P39)

SCALE: 1" = 20'

WIRE STRINGING TABLE

LOCATION		PRI	SEC	WIRE SIZE & TYPE	QUANTITY	LENGTH (FT PER CONDUCTOR)		REMARKS
FROM	TO							
P30	P33	XX		397.5 MCMAAC	3	151	453	A/B/C PHASES
P30	P33	XX		4/0 ACSR NEUT	1	151	151	
P33	P36	XX		397.5 MCMAAC	3	157	471	A/B/C PHASES
P33	P36	XX		4/0 ACSR NEUT	1	157	157	
P33	P35		XX	#2 OH TPX	1	80	80	
P36	P43	XX		397.5 MCMAAC	3	163	489	A/B/C PHASES
P36	P43	XX		4/0 ACSR NEUT	1	163	163	
P33	S/A 2165	XX		#2 OH TPX	1	45	45	
P33	S/A 2168	XX		#2 OH TPX	1	158	158	
P35	S/A 2154	XX		#2 OH TPX	1	46	46	
P35	S/A 2160	XX		#2 OH TPX	1	80	80	
P36	S/A 2145	XX		#2 OH TPX	1	60	60	
P36	S/A 2153	XX		#2 OH TPX	1	115	115	
P36	S/A 2159	XX		#2 OH TPX	1	120	120	
TOTAL FEET 397.5 MCMAAC							1413	ACTUAL _____ INSTALLED
TOTAL FEET #2 OH TPX							704	ACTUAL _____ INSTALLED
TOTAL FEET 4/0 NEUT							471	ACTUAL _____ INSTALLED

TRANSFORMER INSTALLATION

Installed at site: **P33**  
Grid Number: **468069-157507**  
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: **P36**  
Grid Number: **468068-157522**  
kVA Rating: **25kVA**  
Material ID#: **6211250**

Foreman to redline the following information

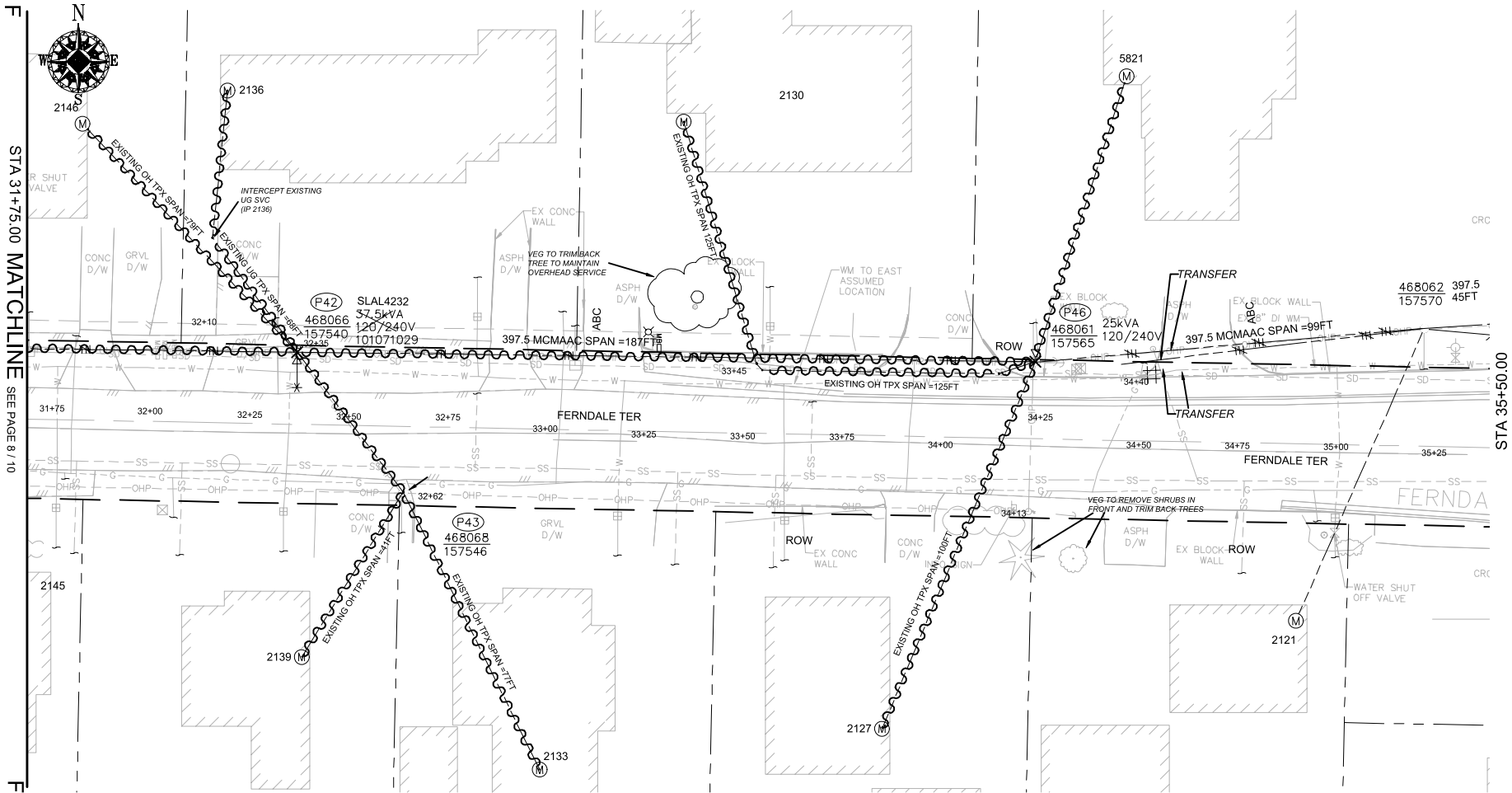
Company ID#: \_\_\_\_\_  
Primary phase connected to: \_\_\_\_\_  
Tested Secondary Voltage \_\_\_\_\_ / \_\_\_\_\_

POLE TABLE (NEW)

SITE	POLE DATA				
	GRID #	HEIGHT	CLASS	YEAR	REMARKS / LOCATION REF
P33	468069-157507	45FT	H2		
P34	468066-157510	35FT	3		
P35	468072-157522	35FT	3		
P36	468068-157522	45FT	H2		

				REAL ESTATE/EASEMENT		PERMIT	
				RW-133686		FERDALE	
3				FUNCTION	CONTACT	PHONE NO	DATE
2				PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
1				ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
REV#	DATE	BY	DESCRIPTION	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	CSPFEPI	CHECKED BY	<i>John Hathaway</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	JEREMIAH STRAND	N/A			
PHONE#	615-719-0199	253-278-4268	360-500-9011	N/A			
 CITY OF FERDALE FERDALE TERRACE INFRASTRUCTURE IMPROVEMENT 2295 FERDALE TERRACE, FERDALE WA						INCIDENT	MAOP
						N/A	N/A
						Gas Order	Elect Order
						N/A	101172075
						SCALE	PAGE
						AS NOTED	18/24

101172075



SITE PLAN - DEMOLITION (P42, P43, P46)  
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	RMVD						
P42	468066-157540	45FT	3	2012	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SLAL4232
P46	468061-157565	45FT	4	1980	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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

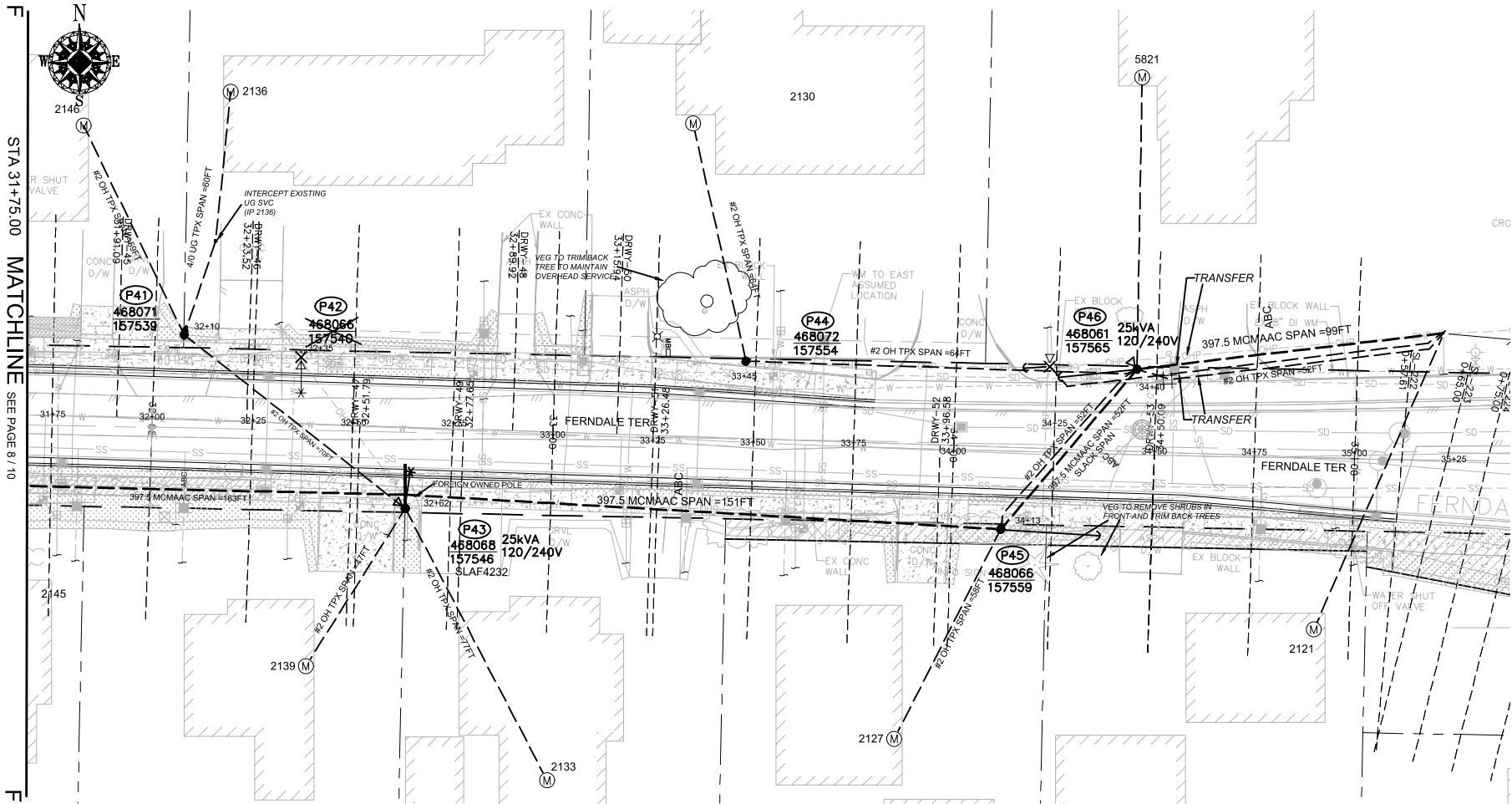
Installed at site: P46  
Grid Number: 468061-157565  
kVA Rating: 25kVA

Foreman to redline the following information

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

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	
3				FUNCTION	CONTACT	PHONE NO	DATE
2				PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
1				ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A	N/A	N/A
COUNTY	WHATCOM	Emer Sect	Gas Wk Ctr	POWER WK CTR	CSPFEPI	DRAWN BY	JOHN HATHAWAY
1/4 SEC	T40N R2E S19	OP MAP	N/A	PLAT MAP	N/A	CHECKED BY	<i>W. S. S.</i>
U-MAP NO (POWER)	A3902E075	OH CKT MAP	D3902E080	UG CKT MAP	R3902E075	CIRCUIT NO	VIS-23
						FOREMAN #1	
						FOREMAN #2	
						MAPPING	
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			
				CITY OF FERNDALE		INCIDENT	MAOP
				FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT		N/A	N/A
				2295 FERNDALE TERRACE, FERNDALE WA		Gas Order	Elect Order
						N/A	101172075
						SCALE	PAGE
						AS NOTED	19/24



SITE PLAN - NEW FACILITIES (P40-P46)

SCALE: 1" = 20'

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	
P43	P45	XX		397.5 MCMAAC	3	151	A/B/C PHASES
P43	P45	XX		4/0 ACSR NEUT	1	99	
P45	P46	XX		397.5 MCMAAC	3	52	A/B/C PHASES
P45	P46	XX		4/0 ACSR NEUT	1	52	
P45	P46	XX		#2 OH TPX	1	52	
P44	P46	XX		#2 OH TPX	1	64	
P41	S/A 2146	XX		#2 OH TPX	1	59	
P43	S/A 2133	XX		#2 OH TPX	1	77	
P43	S/A 2139	XX		#2 OH TPX	1	47	
P44	S/A 2130	XX		#2 OH TPX	1	64	
P45	S/A 2127	XX		#2 OH TPX	1	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		

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  
INSTALL RISER, 3" COND SYS STANDOFF (RIS3CSS) AS PER STD 6042.1000  
WO# 593260468  
INSTALL (TRANSFER) EXISTING STREET LIGHT (SLAF 4232) TO P39  
TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2146 FERNDAL TERR.  
WO# 594162199  
INSTALL (REPLACE) 4/0 UG TPX TO S/A 2136 FERNDAL TERR. APPROX. 60FT (ACTUAL: \_\_\_\_\_FT)  
NOTE: INTERCEPT EXISTING SVC (IP 2136)  
TRENCH & INSTALL NEW 3" DB120 CONDUIT APPROX. 60FT (ACTUAL = \_\_\_\_\_FT)

(UNIT 2-7 X1)

(UNIT 2-24 X1)

(UNIT 3-3 X1)

(UNIT 2-54A X60FT)

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

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  
REMOVE POLE STUB AFTER COMMUNICATION TRANSFERS HAVE BEEN COMPLETED  
ATTACHED UTILITIES: COMCAST, ZIPLY, AND ASTOUND

(UNIT 2-129 X1)

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  
NOTE: EXISTING ZIPLY OWNED POLE, ZIPLY TO REMOVE  
INSTALL 3-PHASE SGL WINGARM 397 (TASW313) AS PER STD 6033.4012  
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 2133 & 2139 FERNDAL TERR.  
INSTALL (TRANSFER) EXISTING STREET LIGHT (SLAF 4232) FROM P41

(UNIT 2-7 X1)

(UNIT 2-24 X1)

(UNIT 3-3 X2)

(UNIT 2-302 X1)

SECONDARY CABLE & CONDUIT TABLE

LOCATION		CABLE			CONDUIT						VOLTAGE		ASBUILT INFORMATION			
		SIZE	LENGTH	ASSUMED	SIZE	LENGTH	BENDS				DROP	Flicker	Foreman - Complete			
FROM	TO	(1/0,4/0,350)	Design (ft)	Lot Corner to Meter (ft)	(in)	Design (ft)	90°	45°	22°	11°	(Percent)	(Percent)	Actual Amount Installed		Cable	Conduit
P41	S/A 2136	4/0	65	65	3	65	2	-	-	-	-	-				
1/0 UG Triplex (ft) =		-	2" PVC & BENDS (ft)=		-	2		0	0	0	0	0.1				
4/0 UG Triplex (ft) =		65	3" PVC & BENDS (ft)=		65	0		0	0	0	0	0.1				
350 UG Triplex (ft) =		-						TOTAL QTS OF GLUE		0.2						

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

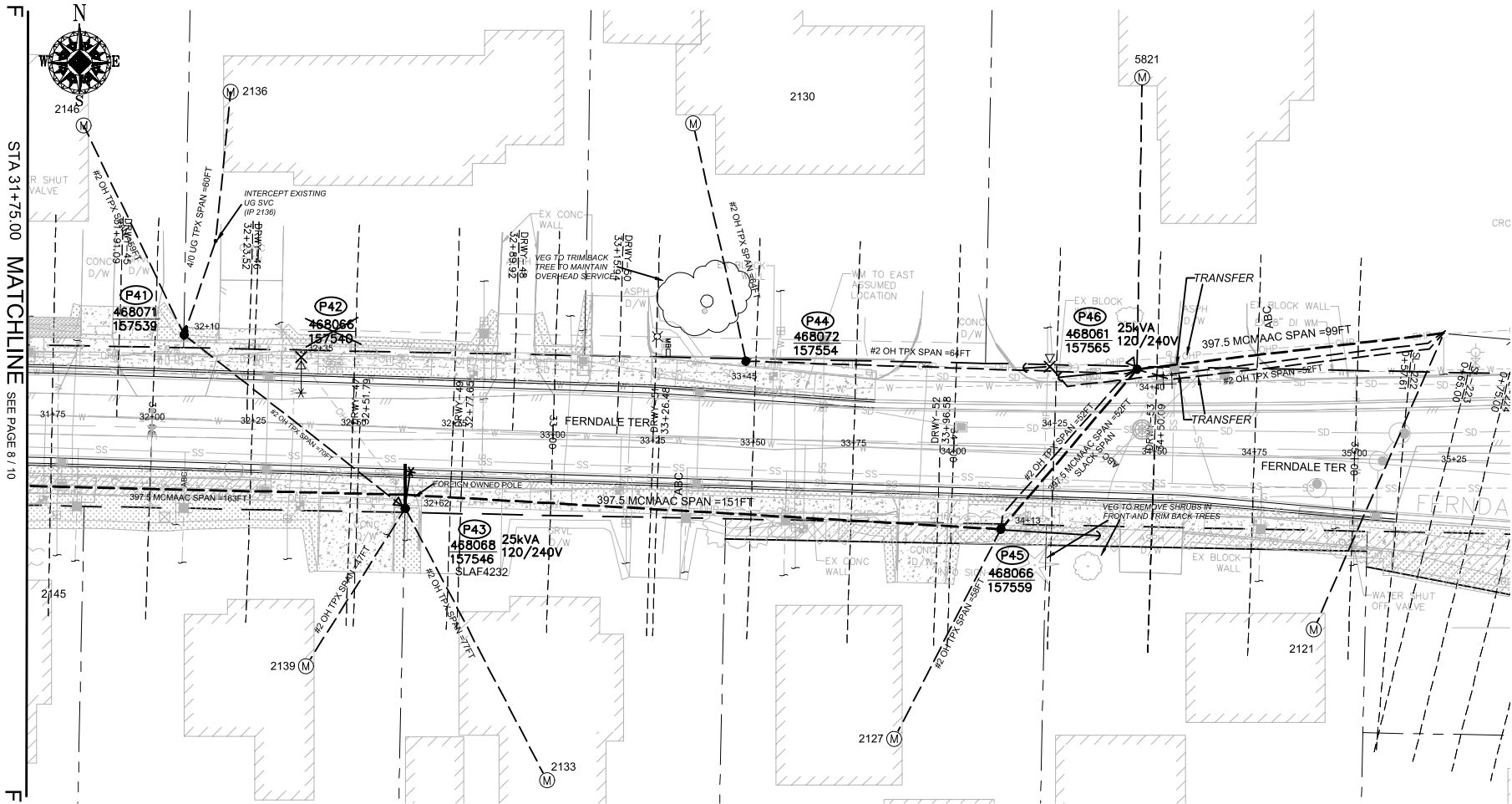
Company ID#: \_\_\_\_\_  
Primary phase connected to: \_\_\_\_\_  
Tested Secondary Voltage: \_\_\_\_\_ / \_\_\_\_\_

REAL ESTATE/EASEMENT					PERMIT			
RW-133686					FERNDAL			
3				FUNCTION	CONTACT	PHONE NO	DATE	
2				PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25	
1				ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25	
REV#	DATE	BY	DESCRIPTION					
COUNTY	WHATCOM	Emer Sect	Gas Wk Ctr	POWER WK CTR				
				CSPFEPI				
1/4 SEC	T40N R2E S19	OP MAP		PLAT MAP				
		N/A		N/A				
U-MAP NO (POWER)	A3902E075	OH CKT MAP	D3902E080	UG CKT MAP	R3902E075	CIRCUIT NO	VIS-23	
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	
<div><div><div><div>PUGET</div><div>SOUND</div><div>ENERGY</div></div></div><div><div>CITY OF FERNDAL</div><div>FERNDAL TERRACE INFRASTRUCTURE IMPROVEMENT</div><div>2295 FERNDAL TERRACE, FERNDAL WA</div></div></div>								
INCIDENT						N/A	MAOP	N/A
Gas Order						N/A	Elect Order	101172075
SCALE						AS NOTED	PAGE	20/24



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

101172075



SITE PLAN - NEW FACILITIES (P40-P46)  
SCALE: 1" = 20'

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 FERNDAL 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) (SSF8313) 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 (GYDD7SA) AS PER STD 6013.0100  
INSTALL NEUTRAL GUY 3/8" ANC W/AUTO GRIP (GYD3SAN) AS PER STD 6013.0100  
WO# 593260468  
TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX TO S/A 2127 FERNDAL 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) (SSF8313) AS PER STD 6033.5010  
INSTALL 25kVA 7-120/240 OH XFMR (TRFNXF) 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 (GYDD7SA) AS PER STD 6013.0100  
INSTALL NEUTRAL GUY 3/8" ANC W/AUTO GRIP (GYD3SAN) 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


(UNIT 2-7 X1)  
(UNIT 2-24 X1)  
(UNIT 2-129 X1)

WO# 593260468  
TRANSFER 3-PHASE 397ACSR PRI & 4/OACSR NEUT EXTEND/SHORTEN AS REQ'D  
TRANSFER, REPLACE, SHORTEN OR EXTEND EXISTING TPX (EAST) AS REQ'D

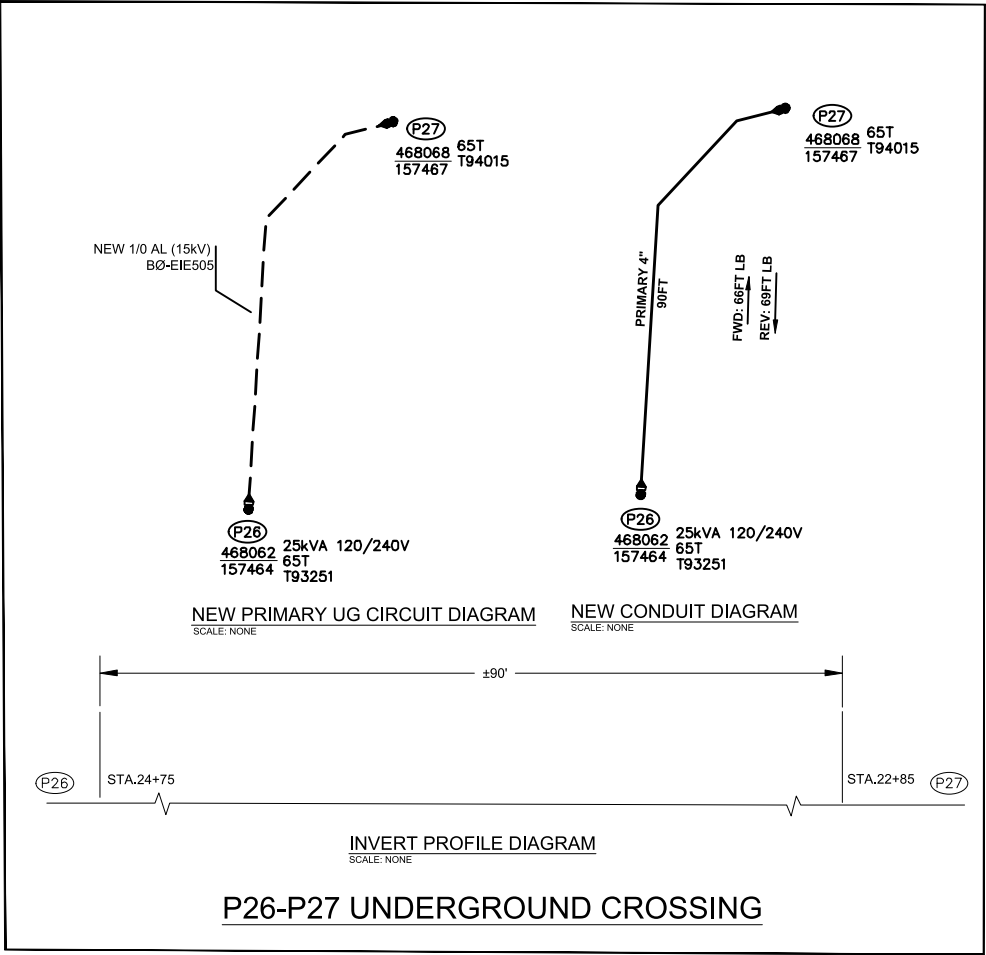
NOTES P45 TO P46:  
WO# 101172075  
INSTALL #2 OH SEC TPX APPROX. 52FT (ACTUAL: \_\_\_\_ FT)

(UNIT 2-20A X1)

101172075

				REAL ESTATE/EASEMENT		PERMIT	
				RW-133686		FERNDAL	
3				FUNCTION	CONTACT	PHONE NO	DATE
2				PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
1				ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
REV#	DATE	BY	DESCRIPTION	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	CSPFEPI	CHECKED BY	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	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			
				CITY OF FERNDAL			
				FERNDAL TERRACE INFRASTRUCTURE IMPROVEMENT			
				2295 FERNDAL TERRACE, FERNDAL WA			
				INCIDENT	MAOP		
				N/A	N/A		
				Gas Order	Elect Order		
				N/A	101172075		
				SCALE	PAGE		
				AS NOTED	21/24		

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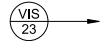
				REAL ESTATE/EASEMENT		PERMIT	
				RW-133686		FERNDALÉ	
3				FUNCTION	CONTACT	PHONE NO	DATE
2				PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
1				ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A	N/A	N/A
COUNTY	WHATCOM	Emer Sect	Gas Wk Ctr	POWER WK CTR	DRAWN BY	JOHN HATHAWAY	360-201-1340
		N/A	N/A	CSPFEPI	CHECKED BY	<i>Mike Merrill</i>	360-941-2007
1/4 SEC	T40N R2E S19	OP MAP	N/A	PLAT MAP	APPROVED BY	JANE MAJOR	360-791-2748
					FOREMAN #1		
U-MAP NO (POWER)	A3902E075	OH CKT MAP	D3902E080	UG CKT MAP	R3902E075	CIRCUIT NO	VIS-23
						FOREMAN #2	
						MAPPING	
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			
<div><div>PSI</div><div>PUGET SOUND ENERGY</div></div> <div>CITY OF FERNDALÉ FERNDALÉ TERRACE INFRASTRUCTURE IMPROVEMENT 2295 FERNDALÉ TERRACE, FERNDALÉ WA</div>						INCIDENT	MAOP
						N/A	N/A
						Gas Order	Elect Order
						N/A	101172075
						SCALE	PAGE
						AS NOTED	22/24

101172075

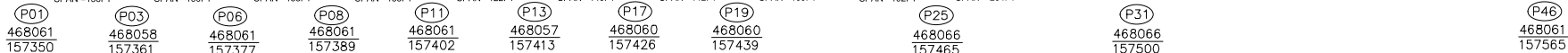




3						<b>FUNCTION</b>	<b>CONTACT</b>	<b>PHONE NO</b>	<b>DATE</b>
						PROJECT MGR	JANE MAJOR	360-791-2748	1/10/25
1						ENGR - POWER	JORDAN VELASCO	360-296-3127	1/10/25
<b>REV#</b>	<b>DATE</b>	<b>BY</b>	<b>DESCRIPTION</b>			ENGR - GAS	N/A	N/A	N/A
COUNTY	Emer Sect	Gas Wk Ctr	POWER WK CTR			DRAWN BY	JOHN HATHAWAY	360-201-1340	1/10/25
WHATCOM	N/A	N/A	CSPEFI			CHECKED BY	<i>W. Delgado</i>	360-941-2007	1/10/25
1/4 SEC	OP MAP	PLAT MAP				APPROVED BY	JANE MAJOR	360-791-2748	1/10/25
1/40N 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			NAPPING			
<b>JOINT FACILITIES ARRANGEMENTS</b>									
UTILITIES	ZILPY		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		
 <b>PUGET SOUND ENERGY</b>	<b>CITY OF FERNDALE</b> FERNDALE TERRACE INFRASTRUCTURE IMPROVEMENT 2295 FERNDALE TERRACE, FERNDALE WA							<b>INCIDENT #</b> Gas Order N/A	<b>MAOP</b> N/A Eject Order 101172075
								<b>SCALE</b> AS NOTED	<b>PAGE</b> 23/24



SCALE: 1" = 20'



SCALE: 1" = 20'

**NORTH SIDE P02 TO P21**

**(UNIT 2-15 X 1090FT)**

**NORTH SIDE P30 TO P32**

**(UNIT 2-17 X 155FT)**

**P22 TO P24:**

(UNIT 2-17 X 153FT)

**SOUTH SIDE P22 TO P45**

**(UNIT 2-15 X 1095FT)**

**P01 TO P23**

(UNIT 2-26 X 10)

P23 TO P46

(UNIT 2-25 X 8)

**P24 TO P24A (PRI & NEUT):**

(UNIT 2-15 X114FT)

**P24A TO P24B TO P24C (PRI & NEUT):**

(UNIT 2-15 X282FT)

**P24B TO P24E:**

(UNIT 2-15 X170FT)

**P24C TO P24D:**

(UNIT 2-6 X128FT)

**P45 TO P46:**

(UNIT 2-15 X 52FT)


**PUGET  
SOUND  
ENERGY**