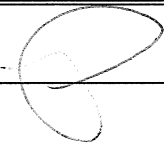


**REICHHARDT & EBE ENGINEERING, INC.
CONSULTING ENGINEERS**

TRANSMITTAL

TO: ALL BIDDERS	FROM: Luis Ponce, P.E. 
COMPANY:	DATE: 7/27/09
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
PHONE NUMBER:	SENDER'S PHONE NUMBER: (360) 354-3687
RE: City of Ferndale Addendum 2 2 nd Avenue Extension Project FEDERAL AID NO. ARRA - 8037(001) CONTRACT NO. TA - 3960	SENDER'S FAX NUMBER: (360) 354-0407

ADDENDUM 2

**2nd AVENUE EXTENSION PROJECT
FEDERAL AID NO. ARRA - 8037(001)
CONTRACT NO. TA - 3960**

To the attention of all bidders for the above project:

Please find the enclosed Addendum No. 2 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.

423 FRONT STREET
LYNDEN, WASHINGTON 98264
360-354-3687

ADDENDUM NO. 2
To the Contract Provisions for
City of Ferndale, Washington

2nd AVENUE EXTENSION PROJECT
FEDERAL AID NO. ARRA - 8037(001)
CONTRACT NO. TA - 3960

ITEM 1

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** will be considered responsive.

Bid Proposal Form, ITEM NO. 9, 'Traffic Control Supervisor' the quantity and measurement has been revised and a bid amount has been established.

Bid Proposal Form, Schedule C, ITEM NO. 138A 'Gate Valve, 8-In' has been added to the Bid Proposal Form.

Bid Proposal Form, Schedule C1, ITEM NO. 153A, 'Gate Valve, 8-In' has been added to the Bid Proposal Form.

Bid Proposal Form, Landscaping Alternates, ITEM 201, has been revised to read 'Stamped Asphalt (2" thick, C1 ½") for Esplanades & Islands.

ITEM 2

Plan Sheet 37

A 12-In. Gate Valve shall be installed at approximately STA 17+40.

ITEM 3

Addendum 1, Item 29

The following is deleted:

Landscaping Stamped Asphalt, Alternate A4

Stamped Asphalt (4" thick) for Esplanades & Islands	470	SY
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and revised to read:

Landscaping Stamped Asphalt, Alternate A4

Stamped Asphalt (2" thick, C1 ½") for Esplanades & Islands	470	SY
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ITEM 4

Addendum 1, Item 33, is deleted and replaced with the following:

8-22A THERMOPLASTIC TEXTURED ASPHALT PAVEMENT – NEW SECTION

8-22A.1 Description

Stamped asphalt is applied by elevating the temperature of an asphalt pavement surface and then pressing a metal template into the surface to replicate, in relief, the grout depressions common to hand-laid brick or cobblestone, or any other design as shown on the drawings or described in the specifications. The imprinted asphalt pavement surface is then coated with a coating or system of coatings specifically formulated for asphalt pavement.

8-22A.2 Materials and Equipment

Stamped asphalt shall be StreetBond SP150E Offset Brick pattern, Brick color. StreetBond SP150E stamped asphalt may be substituted with Engineer approval.

Thermoplastic shall have a negligible VOC level.

Thermoplastic shall be supplied as precut panels at a standard thickness of 180 mils +/- 10 mils (4.6 mm +/- 0.25mm).

The Contractor shall provide documentation verifying the thermoplastic has not been stored in its original packaging at room temperature (21°C +/-3°C) (70°F +/-5°F) for a period exceeding two years.

The thermoplastic shall have the following characteristics:

TABLE 1: Typical Physical Properties

Characteristic	Test Specification	SP150E
Solids by Volume	ASTM D-2697	55%
Solids by Weight	ASTM D-2369	68.9%
Density	ASTM D-1475	13.34 lbs/gal (1.599 kg/l)

TABLE 2: Typical Performance Properties

Characteristic	Test Specification	SP150E	
Dry time (To re-coat)	ASTM D-5895 23°C; 37% RH	35 min	
Taber Wear Abrasion Wet H-10/ 1000g	ASTM D-4060 g/1000 cycles 7 days cure	Wear Index = 3.86	
QUV E Accel. Weathering environment.	ASTM G-154 Delta E 1,500 hours	0.53	
Hydrophobicity Water absorption	ASTM D-570	8.3% (9 days immersion)	
Shore hardness	ASTM D-2240	63 Type D	
Mandrel Bend	ASTM D522-93A	1/4" @ 21° C	
Permeance	ASTM D1653	3.45 g/m²/hr (52 mils)	
Adhesion to Asphalt	ASTM D-4541	Substrate Failure	
Friction Wet	ASTM E-303 British Pendulum Tester	WP* coated	64
		WP* uncoated	57
		AC** coated	73
		AC** uncoated	60

*WP – test conducted on asphalt in wheel path

**AC – test conducted on asphalt adjacent to curb.

EQUIPMENT

Templates

Metal wire rope templates are used to create the desired imprint pattern. Only use templates that have been supplied by a manufacturer who has the proven expertise in manufacturing these templates for this type of application. The templates shall be the same pattern. The wire rope diameter for the template used for imprinting the specified pattern into the asphalt pavement is 3/8" in diameter.

Pavement Heaters

Mobile pavement heaters designed specifically to elevate the temperature of the asphalt pavement and the thermoplastic without adversely affecting these materials shall be used. Asphalt pavement reheat equipment specifically designed for asphalt pavement texturing is to be used in the execution of this work. The primary asphalt pavement re-heat equipment must cycle the heat application and must allow the equipment operator to check the pavement surface temperature during the heating process. These controls are necessary to enable the pavement temperature to be elevated gradually, giving the operator the ability to ensure that the pavement is not overheated or adversely affected. Heaters without these controls are prohibited as the primary re-heat equipment.

Hand-held portable heating devices may be used only for areas where it is difficult to operate the re-heat machine. These may not be used as the primary pavement re-heating device.

Finishing tools that are designed to enable the applicator to complete the imprinting of the asphalt pavement in areas which may be inaccessible to the template such as curbs and manhole covers are permitted.

Compactors

Vibratory Plate Compactors in the size range from 700 – 900 pounds shall be used for pressing the template into the heated asphalt pavement and for post-printing the thermoplastic.

Spray Equipment

Specialized coating spray equipment must be used in the application of the coating and must be capable of applying the coating to the asphalt pavement surface in a thin, controlled film which will optimize the drying and curing time of the coating. More specifically, the spray equipment pump must be capable of providing a continuous recirculation of the coating in order to keep the solids within the coating in suspension.

8-22A.3 Construction Requirements

Contractor Qualifications

Work shall be performed by workers experienced with asphalt stamping and coloring. The Contractor shall provide certification that they have completed a minimum of three asphalt stamping projects for roadway related projects.

The Contractor shall provide a job-site sample to be approved by the Engineer prior to placing stamped asphalt. The sample shall be a minimum of six feet by six feet, completed panel, including stamp pattern and colored stamp.

Surface Preparation

The asphalt pavement surface shall be dry and free from all foreign matter, including but not limited to dirt, dust, de-icing materials, and chemical residue. Do not install during periods of precipitation.

Layout

Layout of the pattern for imprinting into the surface of the asphalt pavement shall be as per the drawings and specifications and in accordance to the methods prescribed by the supplier in conjunction with the Engineer.

Heating the Asphalt Pavement

The optimal pavement temperature for imprinting the template is dependent upon mix design, modifiers used in the mix, the age of the pavement, and weather. Care must be taken to avoid over heating the pavement; excessive blue smoke emanating from the asphalt pavement must be avoided. The surface temperature of the pavement should not exceed 325°F (160°C) as determined by reading a calibrated infra-red thermometer.

Asphalt pavement temperature must be elevated to a minimum depth of 1/2 inch without burning the pavement surface. This can only be accomplished using asphalt pavement reheat equipment that is specifically designed for this Work.

Surface Imprinting

Once the asphalt pavement has reached imprinting temperature, the template shall be placed in position then pressed into the surface using vibratory plate compactors. The top of the template is to be flush with the surrounding asphalt pavement and can then be removed. Areas that have an imprint depth less than 3/8 inch shall be re-heated and re-stamped prior to applying the coatings. Hand tooling is a permitted method to achieve proper imprint depth in areas difficult to get at with the template.

Installing the Thermoplastic

Both the ambient air temperature and the pavement temperature must be above 45°F (7°C). Do not install when there is frost still in the ground.

The qualified applicator shall refer to the asphalt pavement coating supplier's recommendations for methods of application. Special care and attention must be paid to ensure asphalt pavement coatings are applied in environmental conditions that permit proper cure.

The coating application shall proceed as soon as possible upon completion of the imprinting of the asphalt pavement.

The pavement surface shall be completely dry and thoroughly cleaned prior to application of the asphalt pavement coating(s).

Depending upon the condition and age of the pre-existing pavement, primer may be required. Refer to the asphalt pavement coating supplier's specifications.

The qualified applicator shall use spray equipment specifically designed for the application of the coating(s).

Refer to the asphalt pavement coating supplier's recommendations for coating coverage rate and number of recommended passes.

Protection and Opening to Traffic

The melted thermoplastic is to be protected until it cools and hardens. Do not permit any debris such as dust, excessive water, pollen etc to come in contact with the melted thermoplastic. The road may be opened to traffic once the thermoplastic has cooled to adjacent pavement temperature.

8-22A.4 Measurement

"Stamped Asphalt" will be measured by the square yard of finished surface. The measured area is the actual area of asphalt pavement that has received the stamped thermoplastic and (where applicable) the transverse white lines, measured in place. No deduction will be made for the area(s) occupied by manholes, inlets, drainage structures, bollards or by any public utility appurtenances within the area.

8-22A.5 Payment

“Stamped Asphalt”, per square yard.

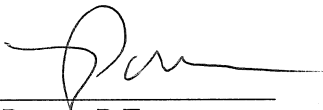
The unit contract price per square yard for “Stamped Asphalt”, shall include all costs for the labor, materials, and tools necessary to construct the “Stamped Asphalt” including all preparation of the subgrade, construction joints, contraction joints, through joints, sawcutting, keyways, sealing joints when required, dowel bars, and any special forming around manhole lids or other utility features shown in the Plans or as required to complete the work. No measurement for the job-site samples will be made and all costs in preparing and providing test samples shall be included in the unit contract cost for “Stamped Asphalt” that is permanently placed.

ITEM 37

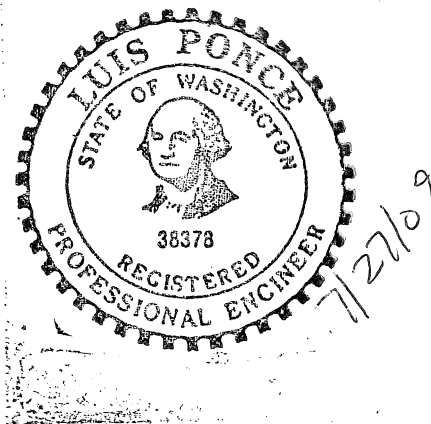
The attached PSE/Intolight Street Lighting Plan Sheets are added to the Contract Documents. For the street light foundations, the Contractor shall only install the 4’ deep by 18” diameter street light tube.

POINT OF CLARIFICATION

The federal wage rates issued in Addendum 1 shall only replace the federal wage rates dated 7/3/09.



Luis Ponce, P.E.
Project Manager



BID PROPOSAL FORM
SECOND SREEET AVENUE EXTENSION PROJECT
FERDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM	UNIT PRICE	TOTAL
BASE BID				
SCHEDULE A: STREET RELATED WORK				
1	LUMP SUM	MOBILIZATION (1-09)	L.S.	\$
2	FORCE ACCOUNT	MINOR CHANGE (1-04)	F.A	\$5,000.00
3	LUMP SUM	ROADWAY SURVEYING 1-05)	L.S.	
4	LUMP SUM	SPCC Plan (1-07)	L.S.	\$
5	2,400 LINEAR FEET	HIGH VISIBILITY FENCE (1-08)	\$ per L.F.	\$
6	5,800 HOURS	FLAGGERS AND SPOTTERS (1-10)	\$ 25.00 per HR	\$
7	700 HOURS	OTHER TRAFFIC CONTROL LABOR (1-10)	\$ 25.00 per HR	\$
8	LUMP SUM	PROJECT TEMORARY TRAFFIC CONTROL (1-10)	L.S.	\$
9	700 HOURS	TRAFFIC CONTROL SUPERVISOR (2-01)	\$ 28.00 per HR	\$
10	LUMP SUM	CLEARING AND GRUBBING (2-01)	L.S.	\$
11	LUMP SUM	REMOVAL OF STRUCTURES AND OBSTRUCTIONS (2-02)	L.S.	\$
12	2,400 LINEAR FEET	ABANDONMENT OF ASBESTOS CEMENT WATER MAIN (2-02)	\$ per L.F.	\$
13	1,100 LINEAR FOOT/IN	SAW-CUT ACP (2-02)	\$ per LF-IN	\$

BID PROPOSAL FORM
SECOND SREET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM	UNIT PRICE	TOTAL
14	200 LINEAR FOOT/IN	SAW-CUT PCC (2-02)	\$	\$
			per LF-IN	
15	6 EACH	REMOVING DRAINAGE STRUCTURES (2-02)	\$	\$
			per EA	
16	3 EACH	REMOVING MANHOLE (2-02)	\$	\$
			per EA	
17	26,000 CUBIC YARDS	ROADWAY EXCAVATION INCLUDING HAUL (2-03)	\$	\$
			per C.Y.	
18	785 CUBIC YARDS	REMOVING PORTLAND CEMENT CONC. PAVEMENT (2-03)	\$	\$
			per C.Y.	
19	1,500 CUBIC YARDS	UNSUITABLE FOUNDATION EXCAVATION INCLUDING HAUL (2-03)	\$	\$
			per C.Y.	
20	700 CUBIC YARDS	UNSUITABLE FOUNDATION EXCAVATION INCLUDING HAUL AND REPAIR (2-03)	\$	\$
			per C.Y.	
21	1,000 CUBIC YARDS	EMBANKMENT COMPACTION (2-03)	\$	\$
			per C.Y.	
22	100 M.GALLONS	WATER (2-07)	\$	\$
			MGAL	
23	7,200 CUBIC YARDS	STRUCTURE EXCAVATION CI B INCLUDING HAUL (2-09)	\$	\$
			per C.Y.	
24	32,500 SQAURE FEET	SHORING OR EXTRA EXCAVATION CI B (2-09)	\$	\$
			per S.F.	
25	20 CUBIC YARDS	CONTROLLED DENSITY FILL (2-09)	\$	\$
			per C.Y.	

BID PROPOSAL FORM
SECOND SREET AVENUE EXTENSION PROJECT
FERNDAL, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM	UNIT PRICE	TOTAL
26	16500 SQUARE YARDS	CONSTRUCTION GEOTEXTILE FOR SEPERATION (2-12)	\$	\$
			per S.Y.	
27	42350 TONS	GRAVEL BASE (4-02)	\$	\$
			per TON	
28	3200 TONS	CRUSHED SURFACING TOP COURSE (4-02)	\$	\$
			per TON	
29	4575 TONS	HMA CLASS 1/2" PG 64-22 (5-04)	\$	\$
			per TON	
30	4350 TONS	HMA CLASS 1" PG 64-22 (5-04)	\$	\$
			per TON	
31	LUMP SUM	GRADE EXISITING ROADBED (5-04)	L.S.	\$
32	1650 SQUARE YARDS	PLANING BITUMINOUS PAVEMENT (5-04)	\$	\$
			per S.Y.	
33	CALCULATE	JOB MIX COMPLIANCE PRICE ADJUSTMENT (5-04)	CALC.	\$ -
34	CALCULATE	COMPACTION PRICE ADJUSTMENT (5-04)	CALC.	\$ -
35	CALCUALTE	ASPHALT COST PRICE ADJUSTMENT (5-04)	CALC	\$ 15,000.00
36	360 SQUARE FEET	BLOCK WALL (6-13)	\$	\$
			per S.F.	
37	120 TONS	CRUSHED SURFACING TOP COURSE FOR WALL BACKFILL INCL. HAUL (6-13)	\$	\$
			per TON	
38	67 LINEAR FEET	CPDP STORM SEWER PIPE, 8-INCH DIAMETER (7-04)	\$	\$
			per L.F.	

BID PROPOSAL FORM
SECOND SREET AVENUE EXTENSION PROJECT
FERNDAL, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM	UNIT PRICE	TOTAL
39	1131 LINEAR FEET	CPDP STORM SEWER PIPE, 12-INCH DIAMETER (7-04)	\$	\$
			per L.F.	
40	110 LINEAR FEET	CPDP STORM SEWER PIPE, 15-INCH DIAMETER (7-04)	\$	\$
			per L.F.	
41	28 LINEAR FEET	CPDP STORM SEWER PIPE, 24-INCH DIAMETER (7-04)	\$	\$
			per LF	
42	460 LINEAR FEET	CPDP STORM SEWER PIPE, 30-INCH DIAMETER (7-04)	\$	\$
			per LF	
43	2727 LINEAR FEET	CPDP STORM SEWER PIPE, 36-INCH DIAMETER (7-04)	\$	\$
			per LF	
44	259 LINEAR FEET	DUCTILE IRON STORM SEWER PIPE, 8-INCH DIAMETER (7-04)	\$	\$
			per LF	
45	200 LINEAR FEET	DUCTILE IRON STORM SEWER PIPE, 12-INCH DIAMETER (7-04)	\$	\$
			per LF	
46	3325 LINEAR FEET	TESTING STORM SEWER PIPE (7-04)	\$	\$
			per L.F.	
47	LUMP SUM	ADJUSTMENTS TO FINISH GRADE (7-05)	L.S.	\$
48	5 EACH	SOLID LOCKING RING AND COVER (7-05)	\$	\$
			per EA	
49	4 EACH	CONCRETE INLET (7-05)	\$	\$
			per EA	
50	22 EACH	CATCH BASIN TYPE 1 (7-05)	\$	\$
			per EA	

BID PROPOSAL FORM
SECOND SREEET AVENUE EXTENSION PROJECT
FERNDAL, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM	UNIT PRICE	TOTAL
51	2 EACH	CATCH BASIN TYPE II (7-05)	\$	\$
			per EA	
52	1 EACH	CATCH BASIN TYPE II, 48-INCH DIAMETER (7-05)	\$	\$
			per EA	
53	24 EACH	CATCH BASIN TYPE II, 60-INCH DIAMETER (7-05)	\$	\$
			per EA	
54	1 EACH	STORM DRAIN FLOW SPLITTER (7-05)	\$	\$
			per EA	
55	LUMP SUM	ESC LEAD (8-01)	L.S.	\$
56	27 EACH	INLET PROTECTION (8-01)	\$	\$
			per EA	
57	850 SQUARE YARDS	PERMANENT EROSION CONTROL BLANKET (8-01)	\$	\$
			per S.Y.	
58	100 SQUARE YARDS	STABILIZED CONSTRUCTION ENTRANCE (8-01)	\$	\$
			per S.Y.	
59	8870 LINEAR FEET	SILT FENCE (8-01)	\$	\$
			per LF	
60	900 SQUARE YARDS	SEEDED LAWN INSTALLATION (8-02)	\$	\$
			per S.Y.	
61	150 CUBIC YARDS	TOPSOIL TYPE A (8-02)	\$	\$
			per C.Y.	
62	FORCE ACCOUNT	LANDSCAPING RESTORATION (8-02)	F.A.	\$3,000.00

BID PROPOSAL FORM
SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALDE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM	UNIT PRICE	TOTAL
63	CALCULATE	PLANT ESTABLISHMENT 2ND YEAR (8-02)	CALC.	\$ 20,000.00
64	CALCULATE	PLANT ESTABLISHMENT 3RD YEAR (8-02)	CALC.	\$ 15,000.00
65	8,000 LINEAR FEET	CEMENT CONCRETE TRAFFIC CURB AND GUTTER (8-04)	\$ per LF	\$
66	500 LINEAR FEET	CEMENT CONCRETE TRAFFIC CURB AND GUTTER 8"-INCH THICK (8-04)	\$ per LF	\$
67	90 LINEAR FEET	CEMENT CONCRETE GUTTER (8-04)	\$ per L.F.	\$
68	380 LINEAR FEET	CEMENT CONCRETE PEDESTRIAN CURB (8-04)	\$ per L.F.	\$
69	900 LINEAR FEET	ROUNDAABOUT TRUCK APRON CEM. CURB & GUTTER (8-04)	\$ per L.F.	\$
70	200 LINEAR FEET	ROUNDAABOUT CEM. CONC. CURB AND GUTTER (8-04)	\$ per L.F.	\$
71	930 LINEAR FEET	SPLITTER ISLAND CURB AND GUTTER (8-04)	\$ per L.F.	\$
72	1,010 LINEAR FEET	TRUCK APRON CURB AND GUTTER (8-04)	\$ per L.F.	\$
73	520 SQUARE YARDS	TEXTURED CEMENT CONCRETE PAVEMENT (8-04)	\$ per S.Y.	\$
74	3470 SQUARE YARDS	CEMENT CONCRETE SIDEWALK (8-14)	\$ per S.Y.	\$
75	475 SQUARE YARDS	CEMENT CONCRETE DRIVEWAY, 8-INCH THICK (8-14)	\$ per S.Y.	\$

BID PROPOSAL FORM
SECOND SREET AVENUE EXTENSION PROJECT
FERNDAL, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM	UNIT PRICE	TOTAL
76	135 SQUARE YARDS	TEXTURED CEMENT CONCRETE DRIVEWAY 8"- INCH THICK (8-14)	\$ _____ per S.Y.	\$ _____
77	4 EACH	SIDEWALK RAMP TYPE 1 (8-14)	\$ _____ per EA	\$ _____
78	5 EACH	SIDEWALK TAMP TYPE 2 (8-14)	\$ _____ per EA	\$ _____
79	3 EACH	SIDEWALK RAMP TYPE 3A (8-14)	\$ _____ per EA	\$ _____
80	1 EACH	SIDEWALK RAMP TYPE 4B (8-14)	\$ _____ per EA	\$ _____
81	1 EACH	BIKE RAMP TYPE 1 (8-14)	\$ _____ per EA	\$ _____
82	2 EACH	BIKE RAMP TYPE 2 (8-14)	\$ _____ per EA	\$ _____
83	2 EACH	SIDEWALK RAMP TYPE 2, 10-FT WIDE (8-14)	\$ _____ per EA	\$ _____
84	2 EACH	SIDEWALK RAMP TYPE 4C, 10-FT WIDE (8-14)	\$ _____ per EA	\$ _____
85	10 TONS	QUARRY SPALLS (8-15)	\$ _____ per TON	\$ _____
86	40 TONS	ROCK FOR ROCK WALL (8-15)	\$ _____ per TON	\$ _____
87	2 EACH	MAILBOX SUPPORT, TYPE 1 (8-14)	\$ _____ per EA	\$ _____
88	8 EACH	MAILBOX SUPPORT, TYPE 2 (8-15)	\$ _____ per EA	\$ _____

BID PROPOSAL FORM
SECOND SREEET AVENUE EXTENSION PROJECT
FERNDAL, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM	UNIT PRICE	TOTAL
89	LUMP SUM	ILLUMINATION SYSTEM (8-20)	L.S.	\$
90	2,100 LINEAR FEET	CONDUIT PIPE 2 INCH DIAMETER (8-20)	\$	\$
			per L.F.	
91	5,825 LINEAR FEET	CONDUIT PIPE 4 INCH DIAMETER (8-20)	\$	\$
			per L.F.	
92	LUMP SUM	UNDERGROUND ELECTRICAL SYSTEM CONVERSION (8-20)	L.S.	\$
93	27 EACH	STREET LIGHT FOUNDATIONS (8-20)	\$	\$
			per EA	
94	FORCE ACCOUNT	FORCE ACCOUNT RESIDENTIAL OVERHEAD SERVICE TO UNDERGROUND SERVICE (8-20)	F.A.	\$ 20,000.00
95	LUMP SUM	PERMANENT SIGNS (8-21)	L.S.	\$
96	33 EACH	PLASTIC YIELD LINE SYMBOLS (8-22)	\$	\$
			per EA	
97	1105 SQUARE FEET	PLASTIC CROSSWALK LINE (8-22)	\$	\$
			per S.F.	
98	34 EACH	PLASTIC TRAFFIC LETTER (8-22)	\$	\$
			per EA	
99	13 EACH	PLASTIC TRAFFIC ARROW (8-22)	\$	\$
			per EA	
100	2 EACH	PLASTIC RAILROAD CROSSING SYMBOL (8-22)	\$	\$
			per EA	
101	10600 LINEAR FEET	PAINT LINE (8-22)	\$	\$
			per L.F.	

BID PROPOSAL FORM
 SECOND SREET AVENUE EXTENSION PROJECT
 FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM	UNIT PRICE	TOTAL
102	87 LINEAR FEET	PLASTIC STOP LINE (8-22)	\$	\$
			per L.F.	
103	20 EACH	POTHOLE EXISITING UNDERGROUND UTILITY (8-30)	\$	\$
			per EA	
104	FORCE ACCOUNT	REPAIR EXISITING PUBLIC AND PRIVATE FACILITIES (8-30)	F.A.	\$10,000.00
105	4 EACH	BOLLARD TYPE 2 (8-34)	\$	
			per EA	
TOTAL SCHEDULE A			\$	

BID PROPOSAL FORM
 SECOND SREET AVENUE EXTENSION PROJECT
 FERNDAL, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM	UNIT PRICE	TOTAL
SCHEDULE B: SANITARY SEWER WORK				
106	LUMP SUM	MOBILIZATION (1-09)	L.S.	\$
107	4320 CUBIC YARDS	STRUCTURE EXCAVATION CI B INCLUDING HAUL (2-09)	\$	\$
			per C.Y.	
108	34060 SQUARE FEET	SHORING OR EXTRA EXCAVATION CI B (2-09)	\$	\$
			per S.F.	
109	9,000 TONS	GRAVEL BASE (4-02)	\$	\$
			per TON	
110	6 EACH	ABANDON EXISITING MANHOLE (7-05)	\$	\$
			per EA	
111	16 EACH	MANHOLE 48" DIAMETER TYPE 1 (7-05)	\$	\$
			per EA	
112	1 EACH	INSIDE DROP MANHOLE CONNECTION (7-05)	\$	\$
			per EA	
113	647 LINEAR FEET	PVC SANITARY SEWER PIPE, 6 INCH DIAMETER (7-17)	\$	\$
			per L.F.	
114	40 LINEAR FEET	PVC SANITARY SEWER PIPE, 8 INCH DIAMETER (7-17)	\$	\$
			per L.F.	
115	20 LINEAR FEET	PVC SANITARY SEWER PIPE, 10 INCH DIAMETER (7-17)	\$	\$
			per L.F.	

BID PROPOSAL FORM
SECOND SREEET AVENUE EXTENSION PROJECT
FERNDAL, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM	UNIT PRICE	TOTAL
116	3,754 LINEAR FEET	PVC SANITARY SEWER PIPE, 18 INCH DIAMETER (7-17)	\$ _____	\$ _____
			per L.F.	
117	95 LINEAR FEET	FURNISHING AND JACKING STEEL CASING PIPE 24 INCH DIAMETER (7-17)	\$ _____	\$ _____
			per L.F.	
118	FORCE ACCOUNT	FORCE ACCOUNT UNEXPECTED OBJECT REMOVAL (7-17)	F.A	\$5,000.00
119	LUMP SUM	TESTING SEWER PIPE (7-17)	L.S.	\$ _____
SCHEDULE B SUBTOTAL			\$ _____	
SALES TAX SCHEDULE B ITEMS (8.5%)			\$ _____	
TOTAL SCHEDULE B			\$ _____	

BID PROPOSAL FORM
 SECOND SREET AVENUE EXTENSION PROJECT
 FERNDAL, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM	UNIT PRICE	TOTAL
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SCHEDULE C: WATER RELATED WORK

120	LUMP SUM	MOBILIZATION (WATER) (1-09)	L.S.	\$
121	LUMP SUM	CLEARING AND GRUBBING (2-01)	L.S.	\$
122	LUMP SUM	REMOVAL OF STRUCTURES AND OBSTRUCTIONS (2-02)	L.S.	\$
123	200 LINEAR FOOT-INCH	SAW-CUT ACP (2-02)	\$	\$
			per L.F.-IN	
124	400 LINEAR FOOT-INCH	SAW-CUT PCC (2-02)	\$	\$
			per L.F.-IN	
125	1,000 TONS	GRAVEL BASE (4-02)	\$	\$
			per TON	
126	25 LINEAR FEET	6-INCH D.I. PIPE FOR WATER MAIN (7-09)	\$	\$
			per L.F.	
127	2,365 LINEAR FEET	12-INCH D.I. PIPE FOR WATER MAIN (7-09)	\$	\$
			per L.F.	
128	2 EACH	STOVEPIPE WATER MAIN, 12-IN. DIAM. (7-09)	\$	\$
			per EA	
129	1 EACH	SAMPLING STATION (7-09)	\$	\$
			per EA	
130	1 EACH	CONNECT TO EXISTING WATER MAIN, 2-IN. DIAM. (7-09)	\$	\$
			per EA	

BID PROPOSAL FORM
SECOND SREET AVENUE EXTENSION PROJECT
FERDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM	UNIT PRICE	TOTAL
131	1 EACH	CONNECT TO EXISTING WATER MAIN, 4-IN. DIAM. (7-09)	\$	\$
			per EA	
132	2 EACH	CONNECT TO EXISTING WATER MAIN, 6-IN. DIAM. (7-09)	\$	\$
			per EA	
133	2 EACH	CONNECT TO EXISTING WATER MAIN, 8-IN. DIAM. (7-09)	\$	\$
			per EA	
134	1 EACH	CONNECT TO EXISTING WATER MAIN, 10-IN. DIAM. (7-09)	\$	\$
			per EA	
135	LUMP SUM	TESTING WATER MAIN (7-09)	L.S.	\$
136	2 EACH	BLOW OFF ASSEMBLY (7-09)	\$	\$
			per EA	
137	150 LINEAR FEET	PVC C905 CASING (7-09)	\$	\$
			per L.F.	
138 A	3 EACH	GATE VALVE, 8-IN (7-12)	\$	\$
			per EA	
138	13 EACH	GATE VALVE, 12-IN (7-12)	\$	\$
			per EA	
139	1 EACH	COMB. AIR RELEASE/AIR VACUUM VALVE ASSEMBLY 2 INCH (7-12)	\$	\$
			per EA	
140	7 EACH	HYDRANT ASSEMBLY (7-14)	\$	\$
			per EA	
141	27 EACH	SERVICE CONNECTION, 1 IN. DIAM. (7-15)	\$	\$
			per EA	
SCHEDULE C SUBTOTAL			\$	
SALES TAX SCHEDULE C ITEMS @ (8.5%)			\$	
TOTAL SCHEDULE C			\$	

BID PROPOSAL FORM
SECOND SREET AVENUE EXTENSION PROJECT
FERNDAL, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM	UNIT PRICE	TOTAL
SCHEDULE C1: WATER RELATED WORK - (NON ARRA ELIGIBLE)				
142	LUMP SUM	MOBILIZATION (WATER) (1-09)	L.S.	\$
143	LUMP SUM	CLEARING AND GRUBBING (2-01)	L.S.	\$
144	LUMP SUM	REMOVAL OF STRUCTURES AND OBSTRUCTIONS (2-02)	L.S.	\$
145	900 TONS	GRAVEL BASE (4-04)	\$	\$
			per TON	
146	2,300 LINEAR FEET	12- INCH D.I. PIPE FOR WATER MAIN (7-09)	\$	\$
			per L.F.	
147	1 EACH	CONNECT TO EXISTING WATERMAIN 8 IN. DIAMETER (7-09)	\$	\$
			per EA	
148	1 EACH	CONNECT TO EXISITING WATERMAIN 10 IN. DIAMETER (7-09)	\$	\$
			per EA	
149	2 EACH	CONNECT TO EXISITING WATERMAIN 12 IN. DIAMETER (7-09)	\$	\$
			per EA	
150	2 EACH	HIGH DENSITY POLYETHYLENE PIPE (HDPE) CONNECTION TO MAIN, 14 IN. DIAMETER (7-10)	\$	\$
			per EA	

BID PROPOSAL FORM
SECOND SREEET AVENUE EXTENSION PROJECT
FERNDAL, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM	UNIT PRICE	TOTAL
151	LUMP SUM	TESTING WATERMAIN (7-09)	L.S.	\$
152	LUMP SUM	HDPE PIPE FOR WATER MAIN, 14 IN. DIAMETER (7-10)	L.S.	\$
153 A	2 EACH	GATE VALVE, 8 INCH	\$	
			per EA	
153	9 EACH	GATE VALVE, 12 INCH (7-12)	\$	\$
			per EA	
154	7 EACH	HYDRANT ASSEMBLY (7-14)	\$	\$
			per EA	
155	4 EACH	SERVICE CONNECTION 1 IN. DIAMETER (7-15)	\$	\$
			per EA	
SCHEDULE C1 SUBTOTAL			\$	
SALES TAX SCHEDULE C1 ITEMS @ (8.5%)			\$	
TOTAL SCHEDULE C1			\$	

BID PROPOSAL FORM
SECOND SREET AVENUE EXTENSION PROJECT
FERDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM	UNIT PRICE	TOTAL
SCHEDULE D: (PARKING FACILITY @ STATION LAND) - (NON ARRA ELIGIBLE)				
156	820 TONS	GRAVEL BASE (4-04)	\$	\$
			per TON	
157	210 TONS	CRUSHED SURFACING TOP COURSE (4-04)	\$	\$
			per TON	
158	280 TONS	HMA CLASS 1/2" PG 64-22 (5-04)	\$	\$
			per TON	
159	260 LINEAR FEET	CEMENT CONCRETE TRAFFIC CURB (8-04)	\$	\$
			per LF	
160	850 LINEAR FEET	CEMENT CONCRETE TRAFFIC CURB AND GUTTER (8-04)	\$	\$
			per L.F.	
161	2 EACH	SIDEWALK RAMP TYPE 4 B (8-14)	\$	\$
			per EA	
162	2 EACH	SIDEWALK RAMP TYPE 2, 10 FEET WIDE (8-14)	\$	\$
			per EA	
163	4 EACH	SIDEWALK RAMP TYPE 4B, 10- FEET WIDE (8-14)	\$	\$
			per EA	
164	360 LINEAR FEET	PAINT LINE (8-22)	\$	\$
			per L.F.	
165	2 EACH	ANGLED ACCESSIBLE PARKING STALL (8-22)	\$	\$
			per EA	
TOTAL SCHEDULE D			\$	

BID PROPOSAL FORM
 SECOND SREET AVENUE EXTENSION PROJECT
 FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM	UNIT PRICE	TOTAL
SCHEDULE E: WETLAND MITIGATION				
166	3.22 ACRE	CLEARING AND GRUBBING (2-01)	\$	\$
			per ACRE	
167	4505 CUBIC YARD	ROADWAY EXCAVATION INCLUDING HAUL-WETLAND (2-03)	\$	\$
			per C.Y.	
168	1.35 ACRE	WETLAND SEED MIX (8-01)	\$	\$
			per ACRE	
169	1.56 ACRE	UPLAND SEED MIX (8-01)	\$	\$
			per ACRE	
170	2.91 ACRE	COMPOST BLANKET - 3 INCH THICK (8-01)	\$	\$
			per ACRE	
171	3.22 ACRE	ROTOTILLING - 8 INCH DEPTH (8-01)	\$	\$
			per ACRE	
172	8600 EACH	TREE PROTECTION DEVICES (8-02)	\$	\$
			per EA	
173	650 CUBIC YARD	BARK MULCH (8-02)	\$	\$
			per CY	
174	1200 CUBIC YARD	TOPSOIL TYPE A (8-02)	\$	\$
			per CY	
175	6142 EACH	PSIPE SLOUGH SEDGE- BARE ROOT (8-02)	\$	\$
			per EA	
176	5118 EACH	PSIPE SAWBREAK SEDGE - BARE ROOT (8-02)	\$	\$
			per EA	
177	4095 EACH	PSIPE COMMON SPIKERUSH - BARE ROOT (8-02)	\$	\$
			per EA	
178	5118 EACH	PSIPE SMALL FRUITED BULRUSH - BARE ROOT (8-02)	\$	\$
			per EA	
179	128 EACH	PSIPE HARDHACK - 1 GALLON CONTAINER (8-02)	\$	\$
			per EA	

BID PROPOSAL FORM
SECOND SREET AVENUE EXTENSION PROJECT
FERNDAL, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM	UNIT PRICE	TOTAL
180	768 EACH	PSIPE PACIFIC WILLOW - 1 GALLON CONTAINER (8-02)	\$	\$
			per EA	
181	512 EACH	PSIPE SITKA WILLOW - 1 GALLON CONTAINER (8-02)	\$	\$
			per EA	
182	4792 EACH	PSIPE LARGE LEAF AVENS - 1 GALLON CONTAINER (8-02)	\$	\$
			per EA	
183	4792 EACH	PSIPE PIGGYBACK PLANT - 1 GALLON CONTAINER (8-02)	\$	\$
			per EA	
184	359 EACH	PSIPE TWINBERRY - 1 GALLON CONTAINER (8-02)	\$	\$
			per EA	
185	599 EACH	PSIPE SALMONBERRY - 1 GALLON CONTAINER (8-02)	\$	\$
			per EA	
186	479 EACH	PSIPE SITKA WILLOW - 1 GALLON CONTAINER (8-02)	\$	\$
			per EA	
187	479 EACH	PSIPE PACIFIC WILLOW - 1 GALLON CONTAINER (8-02)	\$	\$
			per EA	
188	479 EACH	PSIPE RED OSIER DOGWOOD - 1 GALLON CONTAINER (8-02)	\$	\$
			per EA	
189	40772 EACH	PSIPE PACIFIC BLEEDING HEART - 4 INCH POT (8-02)	\$	\$
			per EA	
190	6795 EACH	PSIPE SWORD FERN - 1 GALLON CONTAINER (8-02)	\$	\$
			per EA	
191	1062 EACH	PSIPE SNOWBERRY- 1 GALLON CONTAINER (8-02)	\$	\$
			per EA	
192	1062 EACH	PSIPE NOOTKA ROSE - 1 GALLON CONTAINER (8-02)	\$	\$
			per EA	
193	1062 EACH	PSIPE RED ELDERBERRY - 1 GALLON CONTAINER (8-02)	\$	\$
			per EA	

BID PROPOSAL FORM
SECOND SREET AVENUE EXTENSION PROJECT
FERNDAL, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM	UNIT PRICE	TOTAL
194	1062 EACH	PSIPE VINE MAPLE - 1 GALLON CONTAINER (8-02)	\$ _____	\$ _____
			per EA	
195	189 EACH	PSIPE BLACK COTTONWOOD - 1 GALLON CONTAINER (8-02)	\$ _____	\$ _____
			per EA	
196	94 EACH	PSIPE WESTERN RED CEDAR - 1 GALLON CONTAINER (8-02)	\$ _____	\$ _____
			per EA	
197	189 EACH	PSIPE BIG LEAF MAPLE - 1 GALLON CONTAINER (8-02)	\$ _____	\$ _____
			per EA	
TOTAL SCHEDULE E			\$ _____	
TOTAL BASE BASE BID (SCHEDULE A THROUGH E)			\$ _____	
TOTAL SALES TAX @ 8.5%			\$ _____	
SUBTOTAL BASE BID			\$ _____	

BID PROPOSAL FORM
 SECOND SREEET AVENUE EXTENSION PROJECT
 FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM	UNIT PRICE	TOTAL
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LANDSCAPING, ALTERNATE A1

198	LUMP SUM	LANDSCAPING, ALTERNATE 1 (8-02)	L.S.	\$
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TOTAL LANDSCAPING, ALTERNATE A1 \$ _____

LANDSCAPING, ALTERNATE A2

199	LUMP SUM	LANDSCAPING, ALTERNATE 2 (8-02)	L.S.	\$
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TOTAL LANDSCAPING, ALTERNATE A2 \$ _____

LANDSCAPING STAMPED CONCRETE, ALTERNATE A3

200	470 SQUARE YARDS	STAMPED CONCRETE (4" THICK / 2 COLOR) FOR ESPLINADES & ISLANDS (8-02)	\$	\$
			per S.Y.	

TOTAL LANDSCAPING STAMPED CONCRETE, ALTERNATE A3 \$ _____

LANDSCAPING STAMPED ASPHALT, ALTERNATE A4

201	470 SQUARE YARDS	STAMP ASPHALT (2" THICK, CL 1/2") FOR ESPLINADES & ISLANDS (8-02)	\$	\$
			per S.Y.	

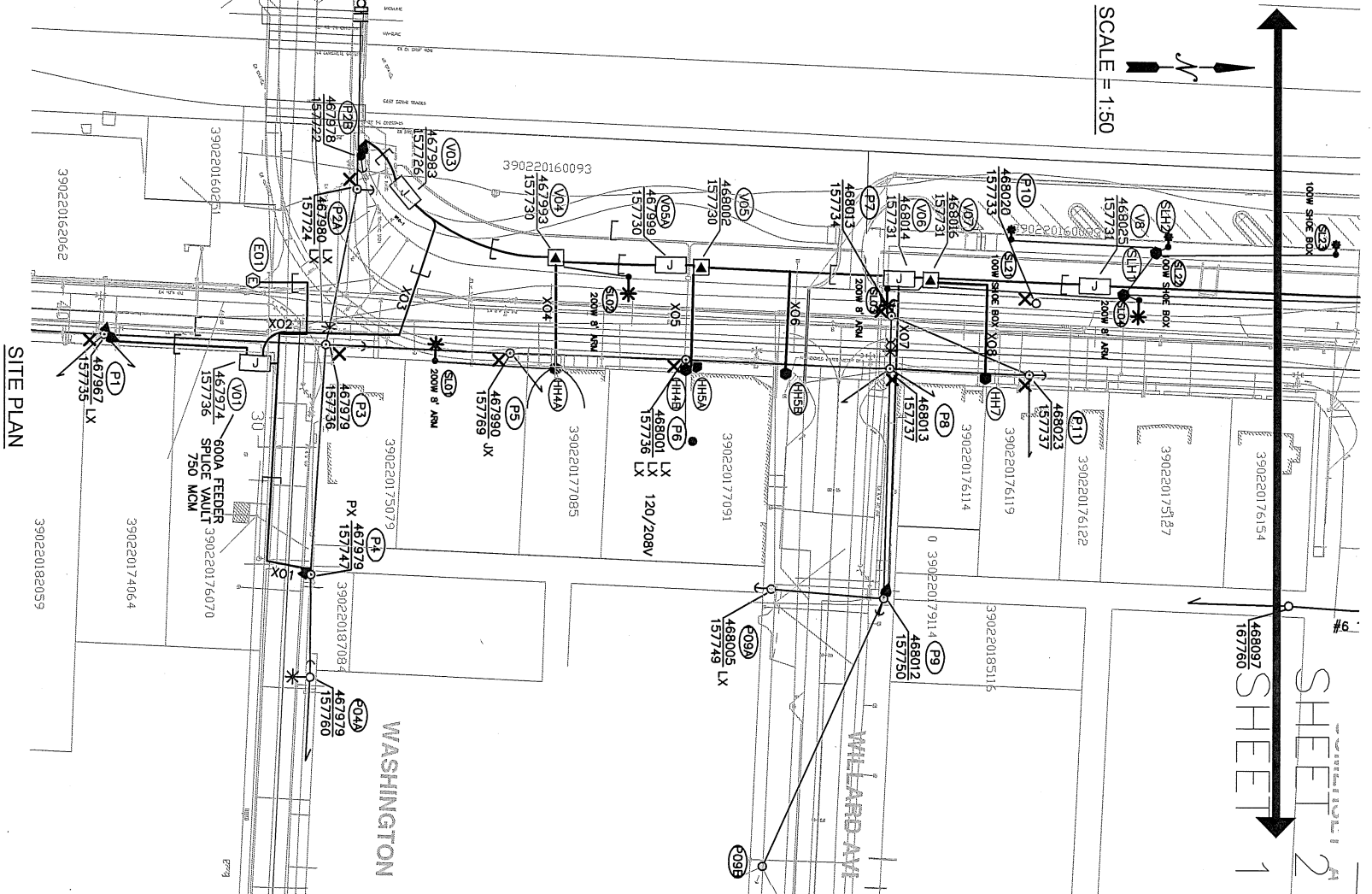
TOTAL LANDSCAPING STAMPED ASPHALT, ALTERNATE A4 \$ _____

TOTAL BASE BID AND ALTERNATE A1 AND ALTERNATE A3 (INCLUDING SALES TAX) \$ _____

TOTAL BASE BID AND ALTERNATE A1 AND ALTERNATE A4 (INCLUDING SALES TAX) \$ _____

TOTAL BASE BID AND ALTERNATE A2 AND ALTERNATE A3 (INCLUDING SALES TAX) \$ _____

TOTAL BASE BID AND ALTERNATE A2 AND ALTERNATE A4 (INCLUDING SALES TAX) \$ _____



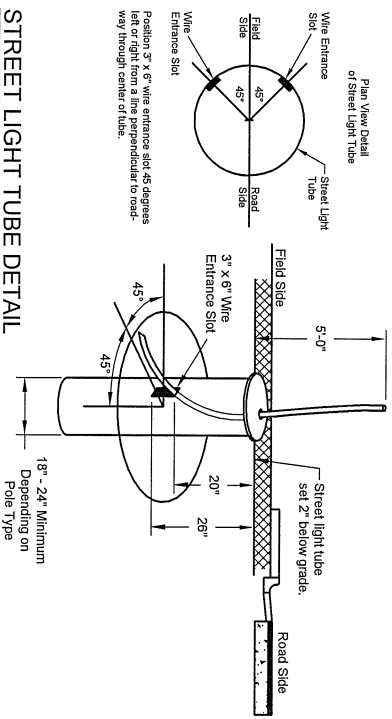
**PRELIMINARY DESIGN ONLY
UPON APPROVAL OF CITY OF FERNDALE
FOR PARKING AREA AND SIDEWALK TRAIL
LIGHTS.**

STANDARD EASEMENT PROVISION

An easement is hereby reserved for and assigned to Puget Sound Energy, Inc., Telephone Co., Television Cable Co., and their respective successors and assigns, under and upon the private streets, if any, and the exterior ten (10) feet of all lots, tracts and spaces with in the plat lying parallel with and adjoining all street(s) in which to construct, operate, maintain, repair, replace and enlarge underground or ground-mounted apparatuses, including but not limited to, electric, gas, telephone and utility lines, together with the poles, wires, conduits, manholes, vaults, boxes, and other appurtenances which may be necessary for the proper use and enjoyment of the streets, lots, tracts and spaces at all times for the purposes herein stated.

INTOLIGHT STREET LIGHT NOTES

- POTELCO:**
1. ALL STREET LIGHTING POLES ARE TO BE INSTALLED PER STANDARD 6375.4800 (page #2) IN THE "LINE WORK PRACTICES MANUAL".
 2. ALL POLES (WOOD, CONCRETE OR FIBERGLASS) ARE TO BE SET PLUMB AND EMBEDDED TO THE GROUND LINE MARKED ON THE POLE.
 3. BACKFILL AROUND POLE WITH 5/8" MINUS GRAVEL AND COMPACT IN 6" LIFTS. (PEA GRAVEL AND NATIVE SOILS ARE NOT ACCEPTABLE.) APPROXIMATELY 1 CU. YD. OF 5/8" MINUS RUSHED ROCK WILL BE REQUIRED.
 4. IN ALL SHOEBOX AND COBRAHEAD INSTALLATIONS, THE LUMINAIRE MUST BE LEVELLED.
- DEVELOPER/CUSTOMER:**
1. DEVELOPER/CONTRACTOR IS REQUIRED TO INSTALL ALL CONDUIT(S).
 2. THE DEVELOPER IS REQUIRED TO SUPPLY AND INSTALL PLASTIC (NON PAPER) STREET LIGHT TUBES (MINIMUM 18" DIAMETER) TO AID IN THE INSTALLATION OF THE STREET LIGHTING POLES WHERE AND IF REQUIRED.
 3. DEVELOPER MUST SUPPLY DURABLE LIDCOVER AT EACH STREET LIGHT TUBE.



FOREMAN (CHECK BOX WHEN COMPLETED)

Pole Equipment LOCKED/REQUIRED & Work Area left in CLEAN/SAFE condition.

Grid, Cables, and Switch numbers (INSTALLED & VERIFIED).

Material VERIFIED and QUANTITIES noted on paperwork.

Total PAYMENT Cables noted on As-built.

Copy of POLE RECORDS to correct location on As-built.

Correct O.C. Checklisting completed.

Correct O.C. Checklisting reviewed.

Deviations noted on the As-built and their reason.

I certify that the work performed meets PSE's standards and procedures and that all quality requirements are met.

Foreman's Signature: _____ Date: _____

PROJECT PHASE

NOTE#	ORDER#
1	1
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50	50

INTOLIGHT Contact Information:

BRVIAN WATERS
425-736-9109 Phone
425-736-9109 Fax

ATTN: Luba Ponce-Richard and Ebe
office

REAL ESTATE/ASSESSMENT

THIS SKETCH NOT TO BE RELIED UPON FOR EXACT LOCATION OF EXISTING AND PROPOSED UTILITIES.

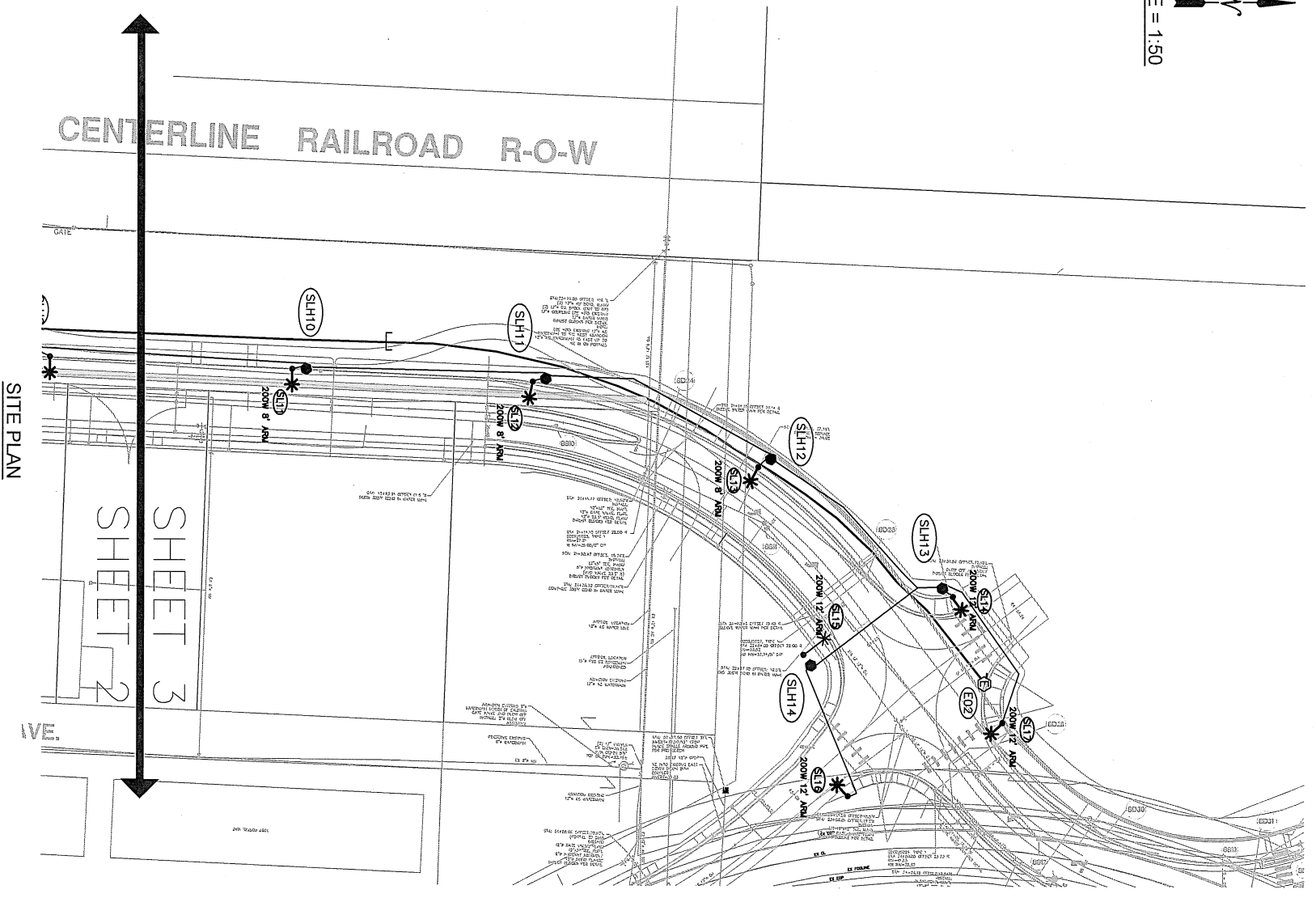
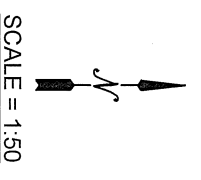
FOR CONTACTS BELOW CALL 1-888-CALL PSE (225-5773)

2 BUSINESS DAYS

Owner / Developer Contact Info

office

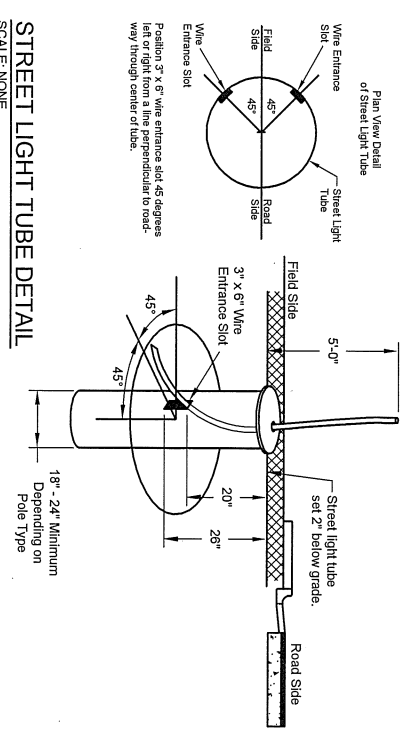
PROJECT PHASE	FUNCTION	CONTACT	PHONE NO	DATE
1	ACCOUNT MGR	SHERI CLARKE	425-488-2701	7/16/09
2	ENGR - POWER	BRVIAN WATERS	425-736-9109	7/16/09
3	ENGR - GAS	BRVIAN WATERS	425-736-9109	7/16/09
4	POWER WK CTR	B. WATERS	425-736-9109	7/28/09
5	DRAWN BY	B. WATERS	425-736-9109	7/28/09
6	CHECKED BY	B. WATERS	425-736-9109	7/28/09
7	APPROVED BY	B. WATERS	425-736-9109	7/28/09
8	FOREMAN #1	B. WATERS	425-736-9109	7/28/09
9	FOREMAN #2	B. WATERS	425-736-9109	7/28/09
10	FOREMAN #3	B. WATERS	425-736-9109	7/28/09
11	FOREMAN #4	B. WATERS	425-736-9109	7/28/09
12	FOREMAN #5	B. WATERS	425-736-9109	7/28/09
13	FOREMAN #6	B. WATERS	425-736-9109	7/28/09
14	FOREMAN #7	B. WATERS	425-736-9109	7/28/09
15	FOREMAN #8	B. WATERS	425-736-9109	7/28/09
16	FOREMAN #9	B. WATERS	425-736-9109	7/28/09
17	FOREMAN #10	B. WATERS	425-736-9109	7/28/09
18	FOREMAN #11	B. WATERS	425-736-9109	7/28/09
19	FOREMAN #12	B. WATERS	425-736-9109	7/28/09
20	FOREMAN #13	B. WATERS	425-736-9109	7/28/09
21	FOREMAN #14	B. WATERS	425-736-9109	7/28/09
22	FOREMAN #15	B. WATERS	425-736-9109	7/28/09
23	FOREMAN #16	B. WATERS	425-736-9109	7/28/09
24	FOREMAN #17	B. WATERS	425-736-9109	7/28/09
25	FOREMAN #18	B. WATERS	425-736-9109	7/28/09
26	FOREMAN #19	B. WATERS	425-736-9109	7/28/09
27	FOREMAN #20	B. WATERS	425-736-9109	7/28/09
28	FOREMAN #21	B. WATERS	425-736-9109	7/28/09
29	FOREMAN #22	B. WATERS	425-736-9109	7/28/09
30	FOREMAN #23	B. WATERS	425-736-9109	7/28/09
31	FOREMAN #24	B. WATERS	425-736-9109	7/28/09
32	FOREMAN #25	B. WATERS	425-736-9109	7/28/09
33	FOREMAN #26	B. WATERS	425-736-9109	7/28/09
34	FOREMAN #27	B. WATERS	425-736-9109	7/28/09
35	FOREMAN #28	B. WATERS	425-736-9109	7/28/09
36	FOREMAN #29	B. WATERS	425-736-9109	7/28/09
37	FOREMAN #30	B. WATERS	425-736-9109	7/28/09
38	FOREMAN #31	B. WATERS	425-736-9109	7/28/09
39	FOREMAN #32	B. WATERS	425-736-9109	7/28/09
40	FOREMAN #33	B. WATERS	425-736-9109	7/28/09
41	FOREMAN #34	B. WATERS	425-736-9109	7/28/09
42	FOREMAN #35	B. WATERS	425-736-9109	7/28/09
43	FOREMAN #36	B. WATERS	425-736-9109	7/28/09
44	FOREMAN #37	B. WATERS	425-736-9109	7/28/09
45	FOREMAN #38	B. WATERS	425-736-9109	7/28/09
46	FOREMAN #39	B. WATERS	425-736-9109	7/28/09
47	FOREMAN #40	B. WATERS	425-736-9109	7/28/09
48	FOREMAN #41	B. WATERS	425-736-9109	7/28/09
49	FOREMAN #42	B. WATERS	425-736-9109	7/28/09
50	FOREMAN #43	B. WATERS	425-736-9109	7/28/09
51	FOREMAN #44	B. WATERS	425-736-9109	7/28/09
52	FOREMAN #45	B. WATERS	425-736-9109	7/28/09
53	FOREMAN #46	B. WATERS	425-736-9109	7/28/09
54	FOREMAN #47	B. WATERS	425-736-9109	7/28/09
55	FOREMAN #48	B. WATERS	425-736-9109	7/28/09
56	FOREMAN #49	B. WATERS	425-736-9109	7/28/09
57	FOREMAN #50	B. WATERS	425-736-9109	7/28/09
58	FOREMAN #51	B. WATERS	425-736-9109	7/28/09
59	FOREMAN #52	B. WATERS	425-736-9109	7/28/09
60	FOREMAN #53	B. WATERS	425-736-9109	7/28/09
61	FOREMAN #54	B. WATERS	425-736-9109	7/28/09
62	FOREMAN #55	B. WATERS	425-736-9109	7/28/09
63	FOREMAN #56	B. WATERS	425-736-9109	7/28/09
64	FOREMAN #57	B. WATERS	425-736-9109	7/28/09
65	FOREMAN #58	B. WATERS	425-736-9109	7/28/09
66	FOREMAN #59	B. WATERS	425-736-9109	7/28/09
67	FOREMAN #60	B. WATERS	425-736-9109	7/28/09
68	FOREMAN #61	B. WATERS	425-736-9109	7/28/09
69	FOREMAN #62	B. WATERS	425-736-9109	7/28/09
70	FOREMAN #63	B. WATERS	425-736-9109	7/28/09
71	FOREMAN #64	B. WATERS	425-736-9109	7/28/09
72	FOREMAN #65	B. WATERS	425-736-9109	7/28/09
73	FOREMAN #66	B. WATERS	425-736-9109	7/28/09
74	FOREMAN #67	B. WATERS	425-736-9109	7/28/09
75	FOREMAN #68	B. WATERS	425-736-9109	7/28/09
76	FOREMAN #69	B. WATERS	425-736-9109	7/28/09
77	FOREMAN #70	B. WATERS	425-736-9109	7/28/09
78	FOREMAN #71	B. WATERS	425-736-9109	7/28/09
79	FOREMAN #72	B. WATERS	425-736-9109	7/28/09
80	FOREMAN #73	B. WATERS	425-736-9109	7/28/09
81	FOREMAN #74	B. WATERS	425-736-9109	7/28/09
82	FOREMAN #75	B. WATERS	425-736-9109	7/28/09
83	FOREMAN #76	B. WATERS	425-736-9109	7/28/09
84	FOREMAN #77	B. WATERS	425-736-9109	7/28/09
85	FOREMAN #78	B. WATERS	425-736-9109	7/28/09
86	FOREMAN #79	B. WATERS	425-736-9109	7/28/09
87	FOREMAN #80	B. WATERS	425-736-9109	7/28/09
88	FOREMAN #81	B. WATERS	425-736-9109	7/28/09
89	FOREMAN #82	B. WATERS	425-736-9109	7/28/09
90	FOREMAN #83	B. WATERS	425-736-9109	7/28/09
91	FOREMAN #84	B. WATERS	425-736-9109	7/28/09
92	FOREMAN #85	B. WATERS	425-736-9109	7/28/09
93	FOREMAN #86	B. WATERS	425-736-9109	7/28/09
94	FOREMAN #87	B. WATERS	425-736-9109	7/28/09
95	FOREMAN #88	B. WATERS	425-736-9109	7/28/09
96	FOREMAN #89	B. WATERS	425-736-9109	7/28/09
97	FOREMAN #90	B. WATERS	425-736-9109	7/28/09
98	FOREMAN #91	B. WATERS	425-736-9109	7/28/09
99	FOREMAN #92	B. WATERS	425-736-9109	7/28/09
100	FOREMAN #93	B. WATERS	425-736-9109	7/28/09
101	FOREMAN #94	B. WATERS	425-736-9109	7/28/09
102	FOREMAN #95	B. WATERS	425-736-9109	7/28/09
103	FOREMAN #96	B. WATERS	425-736-9109	7/28/09
104	FOREMAN #97	B. WATERS	425-736-9109	7/28/09
105	FOREMAN #98	B. WATERS	425-736-9109	7/28/09
106	FOREMAN #99	B. WATERS	425-736-9109	7/28/09
107	FOREMAN #100	B. WATERS	425-736-9109	7/28/09
108	FOREMAN #101	B. WATERS	425-736-9109	7/28/09
109	FOREMAN #102	B. WATERS	425-736-9109	7/28/09
110	FOREMAN #103	B. WATERS	425-736-9109	7/28/09
111	FOREMAN #104	B. WATERS	425-736-9109	7/28/09
112	FOREMAN #105	B. WATERS	425-736-9109	7/28/09
113	FOREMAN #106	B. WATERS	425-736-9109	7/28/09
114	FOREMAN #107	B. WATERS	425-736-9109	7/28/09
115	FOREMAN #108	B. WATERS	425-736-9109	7/28/09
116	FOREMAN #109	B. WATERS	425-736-9109	7/28/09
117	FOREMAN #110	B. WATERS	425-736-9109	7/28/09
118	FOREMAN #111	B. WATERS	425-736-9109	7/28/09
119	FOREMAN #112	B. WATERS	425-736-9109	7/28/09
120	FOREMAN #113	B. WATERS	425-736-9109	7/28/09
121	FOREMAN #114	B. WATERS	425-736-9109	7/28/09
122	FOREMAN #115	B. WATERS	425-736-9109	7/28/09
123	FOREMAN #116	B. WATERS	425-736-9109	7/28/09
124	FOREMAN #117	B. WATERS	425-736-9109	7/28/09
125	FOREMAN #118	B. WATERS	425-736-9109	7/28/09
126	FOREMAN #119	B. WATERS	425-736-9109	7/28/09
127	FOREMAN #120	B. WATERS	425-736-9109	7/28/09
128	FOREMAN #121	B. WATERS	425-736-9109	7/28/09
129	FOREMAN #122	B. WATERS	425-736-9109	7/28/09
130	FOREMAN #123	B. WATERS	425-736-9109	7/28/09
131	FOREMAN #124	B. WATERS	425-736-9109	7/28/09
132	FOREMAN #125	B. WATERS	425-736-9109	7/28/09
133	FOREMAN #126	B. WATERS	425-736-9109	7/28/09
134	FOREMAN #127	B. WATERS	425-736-9109	7/28/09
135	FOREMAN #128	B. WATERS	425-736-9109	7/28/09
136	FOREMAN #129	B. WATERS	425-736-9109	7/28/09
137	FOREMAN #130	B. WATERS	425-736-9109	7/28/09
138	FOREMAN #131	B. WATERS	425-736-9109	7/28/09
139	FOREMAN #132	B. WATERS	425-736-9109	7/28/09
140	FOREMAN #133	B. WATERS	425-736-9109	7/28/09
141	FOREMAN #134	B. WATERS	425-736-9109	7/28/09
142	FOREMAN #135	B. WATERS	425-7	



**PRELIMINARY DESIGN ONLY
 UPON APPROVAL OF CITY OF FERNDALE
 FOR PARKING AREA AND SIDEWALK TRAIL
 LIGHTS.**

INTOLIGHT STREET LIGHT NOTES
POTELCO:

1. ALL STREET LIGHTING POLES ARE TO BE INSTALLED PER STANDARD 657/5.4800 (page #2) IN THE "LINE WORK PRACTICES MANUAL".
 2. ALL POLES (WOOD, CONCRETE OR FIBERGLASS) ARE TO BE SET PLUMB AND EMBEDDED TO THE GROUND LINE MARKED ON THE POLE.
 3. BACKFILL AROUND POLE WITH 5/8" MINUS GRAVEL AND COMPACT IN 8" LIFTS. (PEA GRAVEL AND NATIVE SOILS ARE NOT ACCEPTABLE.) APPROXIMATELY 1 CU. YD. OF 5/8" MINUS RUSHED ROCK WILL BE REQUIRED.
 4. IN ALL SHOEBOX AND CORRAHEAD INSTALLATIONS, THE LUMINAIRE MUST BE LEVELLED.
- DEVELOPER/CUSTOMER:**
1. DEVELOPER/CONTRACTOR IS REQUIRED TO INSTALL ALL CONDUIT(S).
 2. THE DEVELOPER IS REQUIRED TO SUPPLY AND INSTALL PLASTIC (NON PAPER) STREET LIGHT TUBES (MINIMUM 18" DIAMETER) TO AID IN THE INSTALLATION OF THE STREET LIGHTING POLES WHERE AND IF REQUIRED.
 3. DEVELOPER MUST SUPPLY DURABLE LID/COVER AT EACH STREET LIGHT TUBE.



FOREMAN (CHECK BOX WHEN COMPLETED)

PPE Equipment LOCKED/REQUIRED & Work Area set in CLEAN/SAFE Condition.

All Cables and Straps removed INSTALLED & VERIFIED.

Material VERIFIED and QUANTITIES noted on Paperwork.

Total DOWNSIDE Cables noted or As-built.

Total DOWNSIDE Cables noted or As-built.

Indicate correct USE SIZE on As-built & VERIFY proper PHASE.

Correct O/C Check-listing reviewed.

Deviations noted on the As-built and their reason.

I certify that the work performed meets PSE's standards and procedures and that all quality requirements are met.

Foreman's Signature _____ Date _____

PROJECT PHASE	NOTICE#	ORDER#
PWR	Superior	N/A
New St. Lights	-	N/A
St. Light Pole	-	N/A
Transfer OH Material	-	N/A
GAS	Distribution	N/A
HP Main	N/A	N/A
HP SUCUMSA	N/A	N/A
CABLE TV	N/A	N/A
PHONE	N/A	N/A

INTOLIGHT Contact Information:
 BRYAN WATERS
 425-738-9109 Phone
 425-738-9108 PPhone
 office

ATTN: Lyle Penno-Reichard and Ebe
 For contacts below dial 1-888-CALL PSE (225-5773)

Owner / Developer Contact Info _____

STANDARD EASEMENT PROVISION

An easement is hereby reserved for and conveyed to Puget Sound Energy, Inc., Telephone Co., Television Cable Co., and their respective successors and assigns under and upon the private streets, if any, and the exterior ten (10) feet of all lots, tracts and spaces with in the plat lying parallel with and adjoining all street(s) in which to construct, operate, maintain, repair, enlarge and/or improve any of the ground-mounted apparatuses with electric, gas, telephone and other utility service, together with the right to enter upon the streets, lots, tracts and spaces at all times for the purposes herein stated.

PROJECT PHASE	NOTICE#	ORDER#	PERMIT
NEW BUSINESS			
CORRECTIVE / 10 DAY WAIVED			

UTILITIES

UTILITY	CONTRACT	PHONE#	INCIDENT	EXACT QTY
Gas	N/A	N/A	N/A	N/A
Water	N/A	N/A	N/A	N/A
Electric	N/A	N/A	N/A	N/A
Telephone	N/A	N/A	N/A	N/A

JOINT FACILITIES ARRANGEMENTS

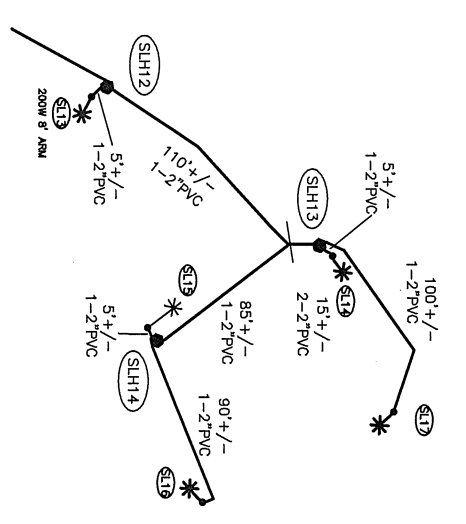
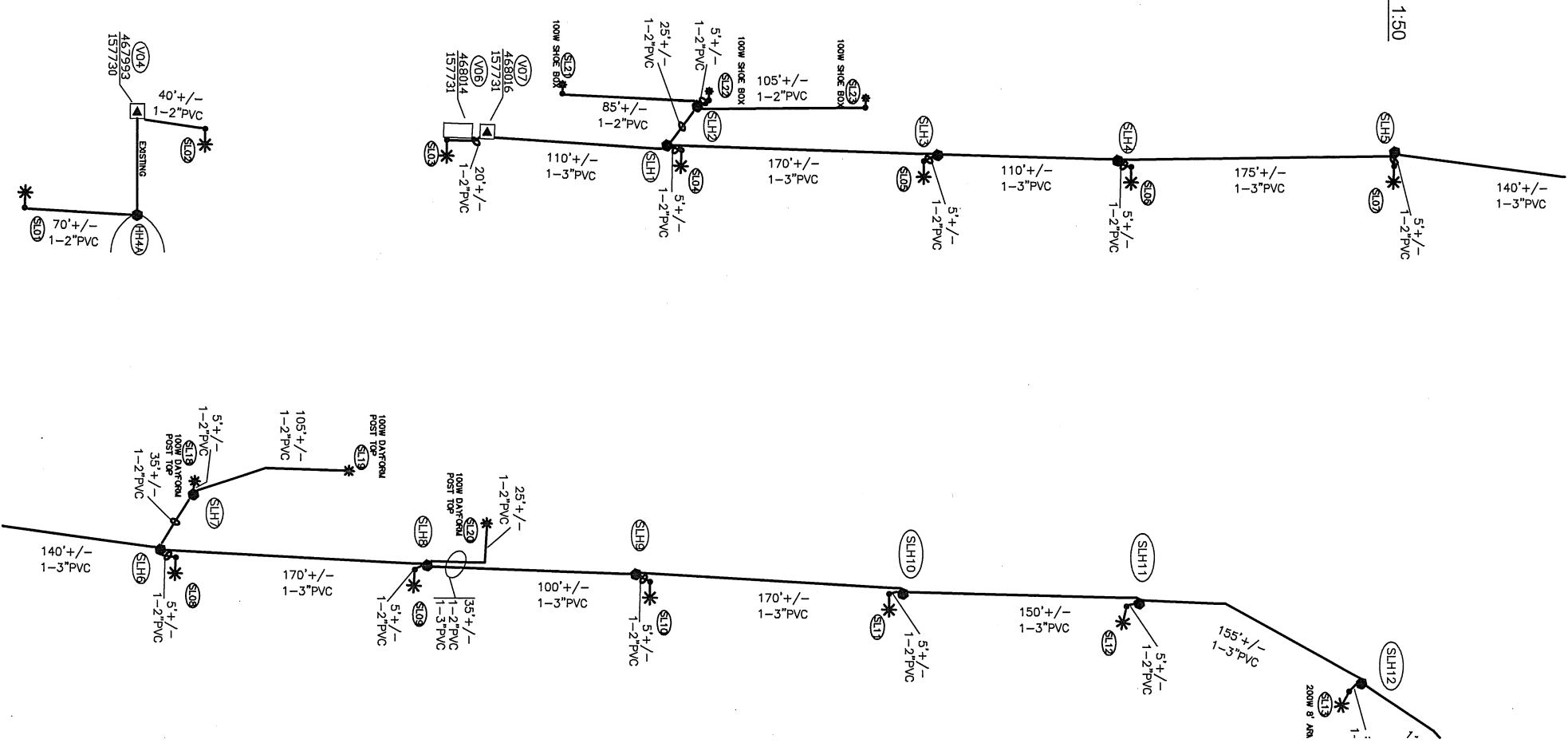
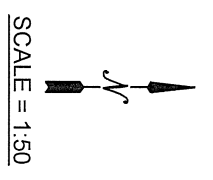
UTILITY	CONTRACT	PHONE#	INCIDENT	EXACT QTY
Gas	N/A	N/A	N/A	N/A
Water	N/A	N/A	N/A	N/A
Electric	N/A	N/A	N/A	N/A
Telephone	N/A	N/A	N/A	N/A

2ND AVE RECONSTRUCTION
 NEW STREET LIGHT INSTALLATION
 2ND AVE & WASHINGTON

DESIGNED BY: Intolight

SCALE 1" = 50'

PAGE 3/4



Street Light Wire & Conduit Table

LOCATION	WIRE		CONDUIT		BENDS
	Size (in)	Design Length (ft)	Size (in)	Design Length (ft)	
from HH4A	2"	70'	3"	90'	45° 22°
V04	2"	40'	3"	20'	
V07	2"	20'	3"	110'	
SLH1	2"	5'	3"	25'	
SLH2	2"	5'	3"	5'	
SLH3	2"	5'	3"	5'	
SLH4	2"	5'	3"	5'	
SLH5	2"	5'	3"	5'	
SLH6	2"	5'	3"	5'	
SLH7	2"	5'	3"	5'	
SLH8	2"	5'	3"	5'	
SLH9	2"	5'	3"	5'	
SLH10	2"	5'	3"	5'	
SLH11	2"	5'	3"	5'	
SLH12	2"	5'	3"	5'	
SLH13	2"	5'	3"	5'	
SLH14	2"	5'	3"	5'	
SLH15	2"	5'	3"	5'	
SLH16	2"	5'	3"	5'	
SLH17	2"	5'	3"	5'	

TOTAL 2" CONDUIT = 1,020'
 TOTAL 3" CONDUIT = 1,450'
 TOTAL TRENCH FTG = 2,470' +/-

PRELIMINARY DESIGN ONLY
 UPON APPROVAL OF CITY OF FERNDALE
 FOR PARKING AREA AND SIDEWALK TRAIL LIGHTS.

STANDARD EASEMENT PROVISION:
 An easement is hereby reserved for and conveyed to Puget Sound Energy, Inc., Telephone Co., Travevision Cable Co., and their respective successors and assigns under and upon the private streets, if any, and the exterior ten (10) feet of all lots, tracts and spaces with in the plat lying parallel with and adjoining all streets in which to construct, operate, maintain, repair, replace and arrange underground or ground-mounted apparatuses for the transmission and distribution of electric power, gas, steam, heat, light, electric, gas, telephone and other utility services, together with the right to enter upon the streets, lots, tracts and spaces at all times for the purposes herein stated.

FOR EGRESS (CHECK BOX WHEN COMPLETED)

Gas, Cable and Storm Sewer Installed & Verified.
 Gas, Cable and Storm Sewer Installed & Verified.
 Material Verified and Changes noted on Easement.
 Roles Verified and Changes noted on Easement.
 Indicate correct EASE SIZE on As-built & VERIFY power PHASE.
 Corrected O/C Checksheet reviewed.
 Deviations noted on the As-built and their reason.
 I certify that the work performed meets PSE's standards and procedures and that all quality requirements are met.

Foreman's Signature: _____ Date: _____

PROJECT PHASE

PROJECT PHASE	NOTE#	ORDER#
PUR	New St. Lights	N/A
RE	St. Removal	N/A
TR	Transfer OH Material	N/A
DIS	Distribution	N/A
HP	HP Main	N/A
SW	HP SWMSA	N/A

INTOLIGHT Contact Information:
 BRYAN WATERS
 425-798-9109 Phone
 425-798-9109 Fax

Owner / Developer Contact Info

ATTN: Luis Ponce-Richard and Ebe
 616/616

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

THIS SEARCH NOT TO BE RELIED UPON FOR EXACT LOCATION OF EXISTING FACILITY

FUNCTION	CONTRACT	PHONE NO.	DATE
ACCOUNT MGR	SHERI CLARKE	425-455-2701	7/15/09
ENGR - POWER	BRYAN WATERS	425-798-9109	7/15/09
ENGR - GAS			
CHECKED BY	B. WATERS	425-798-9109	7/23/09
APPROVED BY			
FOREMAN #1			
FOREMAN #2			

UTILITY CONTRACTS

UTILITY	CONTRACT	PHONE NO.	DATE
UTILITY	N/A	N/A	N/A
CONTRACT	N/A	N/A	N/A
PHONE#	N/A	N/A	N/A

JOINT FACILITIES ARRANGEMENTS

UTILITY	CONTRACT	PHONE NO.	DATE
UTILITY	N/A	N/A	N/A
CONTRACT	N/A	N/A	N/A
PHONE#	N/A	N/A	N/A

PERMIT

PERMIT	DATE
PERMIT	N/A

DESIGNED BY: Intolight

PUGET SOUND ENERGY

2ND AVE RECONSTRUCTION
 NEW STREET LIGHT INSTALLATION
 2ND AVE & WASHINGTON

SCALE 1" = 50'
 PAGE 4/4