

ADDENDUM

<u>Addendum No.:</u>	3
<u>Project Name:</u>	West Hayes Street Improvements
<u>Project No.</u>	2015-001-20
<u>Date:</u>	April 25, 2022
<u>To:</u>	All Bidders

NOTE: This Addendum forms part of the Contract Documents, clarifies bidder questions, and modifies specifications under Bid No. 2022-07, as noted below. Bidders submitting an offer must sign this form, acknowledging receipt of addendum, and supply it with their proposal. Failure to do so will subject the Bidder to disqualification.

CLARIFICATIONS:

1. Bid Item No. 13, General Excavation, includes everything behind the back of curb.
2. The excavation quantities associated with the sideroads (Hall St, Leasure St., etc.) are included in the General Excavation bid item quantity.
3. The West Hayes Street typical section is the same section to be applied to the sideroads.
4. All saw cutting is considered incidental.
5. Existing storm sewer is to be removed according to Special Provision 00330.47(a)(7) and paid for via Bid Item No. 11, "Removal of Structures and Obstructions"
6. Full street closures are not allowed. Access for local traffic, including delivery vehicles, emergency vehicles, school buses, etc., must be maintained at all times.
7. The intent of the staged Traffic Control Plan is to accommodate school traffic during the school year. No date restrictions or limitations are set by the City, however contractors are encouraged to follow the intent of the Traffic Control Plan.

REVISIONS TO BID DOCUMENTS:

See the attached, revised Bid Schedule. (Revisions are in bold.)

REVISIONS TO SPECIAL PROVISIONS:

00220.02(b) Temporary Pedestrian Accessible Route Plan - Delete the bullet which reads as follows:

For an active Work Area controlled at each end by flaggers and pilot car, provide transportation for pedestrians and bicyclists through the active Work Area according to Section 00223 and Section 00228.

00641.41 Mixing, Hauling, and Placing – Delete the second reference (page 18 of the Special Provisions) to this subsection.

00641.44(a)(1) Dense-graded Aggregates - Replace this subsection, except for the subsection number and title, with the following:

Begin compaction of each layer of dense-graded Aggregates immediately after the Material is spread. Continue compaction to achieve a minimum of 95% of maximum density. Determine maximum density according to AASHTO T 99, Method D, and coarse particle correction according to AASHTO T 224. Test in place density according to AASHTO T 310. Determine in place compaction of non-density testable Material according to ODOT TM 158.

00641.80 Volume Basis - Replace this subsection, except for the subsection number and title, with the following:

When measurement is by volume, quantities will be the theoretical Neat Line quantity constructed and accepted, plus the field measured quantity constructed and accepted, as identified below. The aggregate base quantity shown in the Contract Schedule of Items is the sum of the following quantities:

3,725	cubic yards shown in the Typical Sections (theoretical Neat Line)
165	cubic yards for sidewalks (theoretical Neat Line)
256	cubic yards for driveways (theoretical Neat Line)
250	cubic yards for Subgrade stabilization (allowance for field measurement)
100	cubic yards for ordered changes (allowance for field measurement)

00744.80 Measurement- Comply with Section 00744.80 of the Standard Specifications.

REVISIONS TO DRAWINGS:

See the attached, revised sheets titled, "Addendum No.3", revision no. A.

Attachments:

- Revised Bid Schedule
- Revised Plan Sheets, six (6) sheets total

I have received, read and incorporated changes, per this addendum, in my proposed bid:

Signature

Date

**BID SCHEDULE
WEST HAYES STREET IMPROVEMENTS PROJECT**

ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	Mobilization (00210)	LS	ALL	\$	\$
2	Temporary Protection and Direction of Traffic (00225)	LS	ALL	\$	\$
3	Flagger (00225)	HR	250	\$	\$
4	Temporary Striping (00225)	LF	946	\$	\$
5	Stripe Removal (00225)	LF	946	\$	\$
6	Erosion Control (00280)	LS	ALL	\$	\$
7	Concrete Washout Facility (00280)	EA	2	\$	\$
8	Sediment Fence, Unsupported (Orange) (00280)	LF	4,500	\$	\$
9	Inlet Protection (00280)	EA	36	\$	\$
10	Construction Survey Work (00305)	LS	ALL	\$	\$
11	Removal of Structures and Obstructions (00310)	LS	ALL	\$	\$
12	Clearing and Grubbing (00320)	LS	ALL	\$	\$
13	General Excavation (00330)	CY	6,000	\$	\$
14	Subgrade Stabilization (00331)	CY	250	\$	\$
15	Subgrade Geotextile (00350)	SY	11,568	\$	\$
16	10 Inch PVC Storm Sewer Pipe, 0'-10' (00445)	LF	67	\$	\$
17	12 Inch C900 Storm Sewer Pipe, 0'-10' (00445)	LF	1,327	\$	\$
18	12 Inch DIP Storm Sewer Pipe, 0'-10' (00445)	LF	617	\$	\$
19	15 Inch PVC Storm Sewer Pipe, 0'-10' (00445)	LF	231	\$	\$
20	Roof Drain Connections (00445)	LF	200	\$	\$
21	Concrete Inlet, Type CG-2 (00470)	EA	4	\$	\$
22	Concrete Inlet, Type CG-48 (00470)	EA	10	\$	\$
23	Concrete Inlet, Type CG-48MH (00470)	EA	8	\$	\$
24	Concrete Manhole, 48" Flat Top (00470)	EA	6	\$	\$
25	Major Adjustment of Manholes (00490)	EA	11	\$	\$
26	Extra for Manholes Over Existing Structures (00490)	EA	4	\$	\$
27	Connection To Existing Structures (00490)	EA	2	\$	\$

28	Inserta Tee (00490)	EA	2	\$	\$
29	Cold Plane Pavement Removal, 2 Inches Deep (00620)	SY	1,426	\$	\$
30	Aggregate Base (00641)	CY	4,496	\$	\$
31	Level 3, 1/2" Dense ACP Mixture (00744)	TONS	3,458	\$	\$
32	Extra for Asphalt Approaches (00749)	SF	2,322	\$	\$
33	Concrete Curbs, Standard Curb and Gutter (00759)	LF	5,961	\$	\$
34	Concrete Curbs, Standard Curb (00759)	LF	460	\$	\$
35	Concrete Islands (00759)	SF	568	\$	\$
36	Concrete Driveways (00759)	SF	11,390	\$	\$
37	Concrete Walks (00759)	SF	26,030	\$	\$
38	Concrete Walks, Reinforced (00759)	SF	325	\$	\$
39	Extra for New Curb Ramps	EA	25	\$	\$
40	Truncated Domes on New Surfaces (00759)	SF	370	\$	\$
41	Bi-Directional Yellow Type I Markers (00855)	EA	170	\$	\$
42	Thermoplastic, Extruded or Sprayed, Surface, Non-profiled (00865)	LF	21,920	\$	\$
43	Pavement Legend, Type AB: Arrows (00867)	EA	13	\$	\$
44	Pavement Legend, Type B-HS: Bicycle Lane Stencil (00867)	EA	19	\$	\$
45	Pavement Bar, Type B-HS: Stop Bar (00867)	SF	74	\$	\$
46	Pavement Bar, Type B-HS: Continental Crosswalk (00867)	SF	120	\$	\$
47	Curb Marking, Paint (00869)	LF	76	\$	\$
48	Crosswalk Closed Support (00902)	EA	10	\$	\$
49	Remove Existing Signs (00905)	LS	ALL	\$	\$
49a	Remove and Reinstall Existing Signs (00905)	LS	ALL	\$	\$
50	Perforated Steel Square Tube Anchor Sign Supports (00930)	LS	ALL	\$	\$
51	Signs, Standard Sheeting, Extruded Aluminum (00940)	SF	186	\$	\$
52	36 Inch Diameter Signal Support Drilled Shaft (00963)	LF	36	\$	\$
53	Pole Foundations (00970)	LS	ALL	\$	\$
54	Lighting Poles and Arms (00970)	LS	ALL	\$	\$
55	Luminaires, Lamps, and Ballasts (00970)	LS	ALL	\$	\$

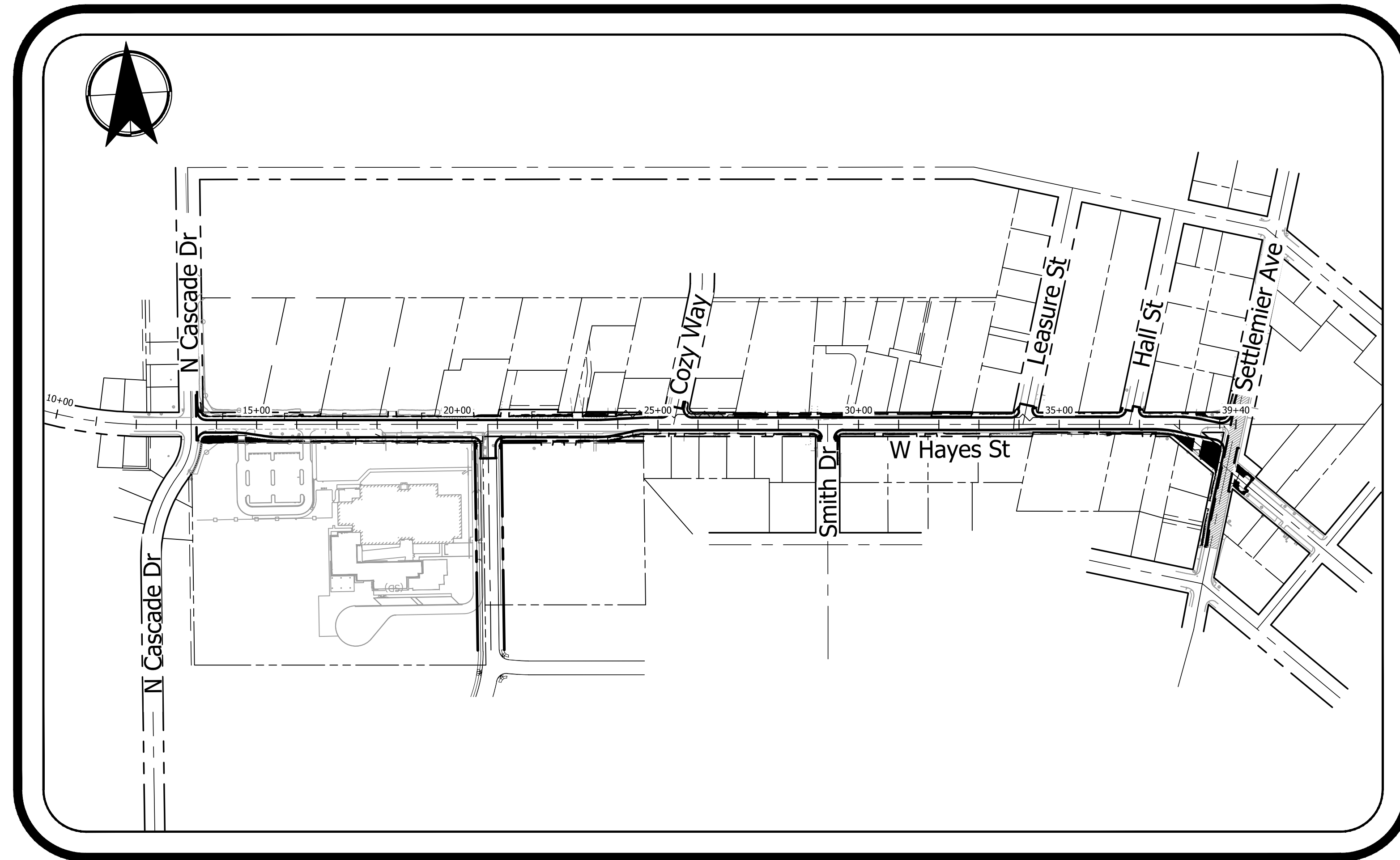
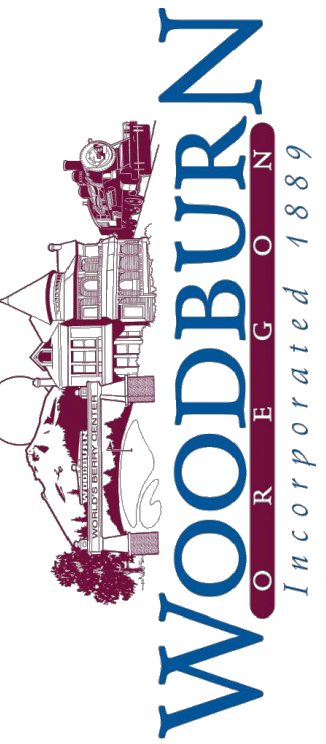
56	Switching, Conduit, and Wiring (00970)	LS	ALL	\$	\$
57	Telecommunications, Material (00987)	LS	ALL	\$	\$
58	Telecommunications, Installation (00987)	LS	ALL	\$	\$
59	Telecommunications, Splicing and Testing (00987)	LS	ALL	\$	\$
60	Traffic Signal Installation, N Settlemier Rd (00990)	LS	ALL	\$	\$
61	Rectangular Rapid Flashing Beacon Installation, Midblock Crossing (00990)	LS	ALL	\$	\$
60	Bioretention Pond (01011)	LS	ALL	\$	\$
61	Permanent Seeding (01030)	SF	15,948	\$	\$
62	Topsoil (01040)	CY	198	\$	\$
63	Deciduous Trees, 2 inch Caliper (01040)	EA	4	\$	\$
64	Mailbox Cluster Units (01070)	EA	4	\$	\$
64a	Adjust Valve Boxes	EA	11	\$	\$
65	Hydrant Assemblies (01160)	EA	3	\$	\$
65a	Resetting Existing Hydrants (01160)	EA	1	\$	\$

Total: \$ _____

W. Hayes Street Improvement Project

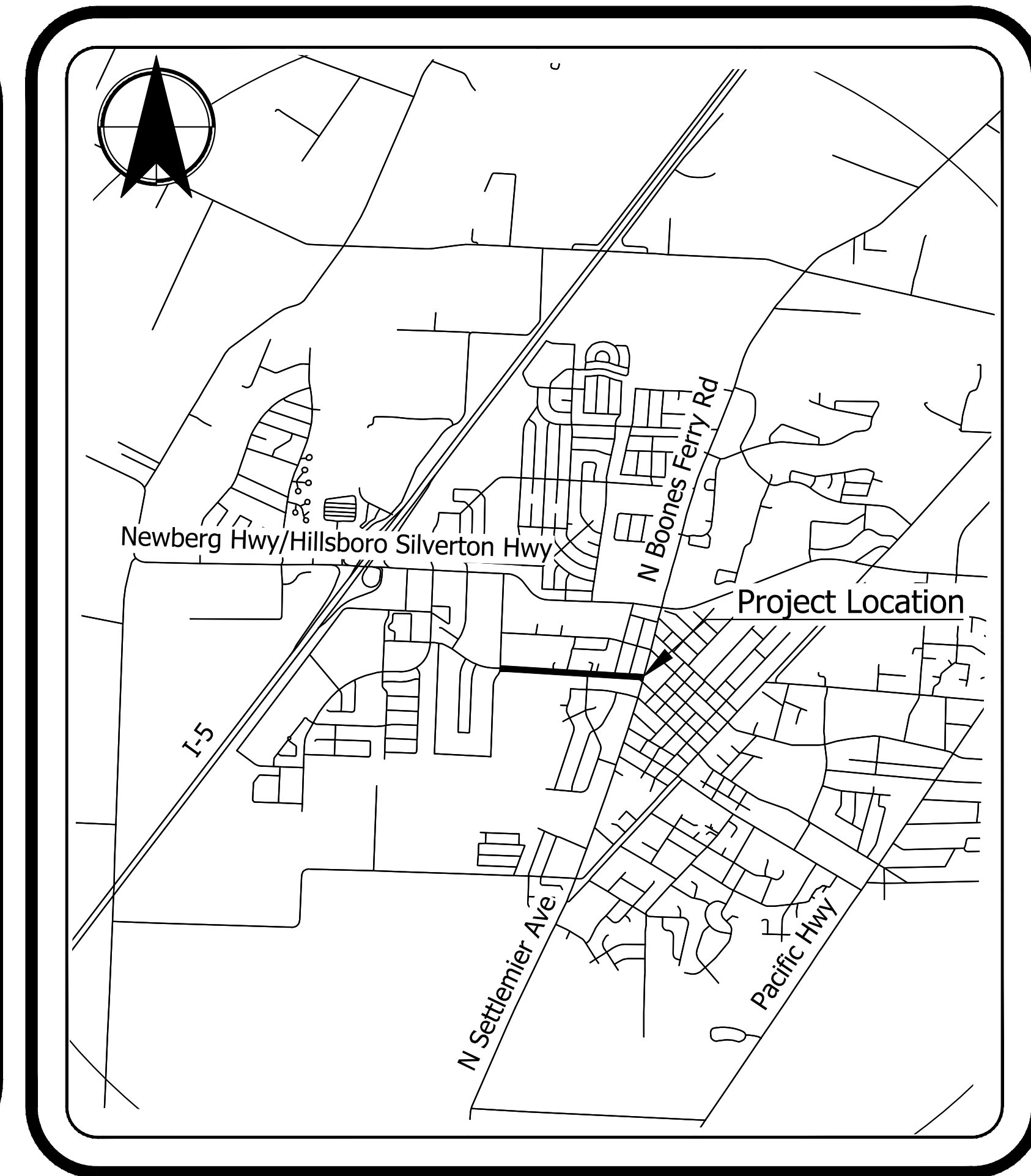
GRADING, PAVING, ROADSIDE DEVELOPMENT, SIGNING, PAVEMENT MARKINGS, SIGNALS

PREPARED FOR:
City of Woodburn
 Project Number: 2015-001-20
 March 7, 2022



SITE MAP

SCALE: NTS



VICINITY MAP

SCALE: NTS

BASIS OF STATIONING:

The centerline of west Hayes St was derived by holding the found monument marking the southwest corner of the George Leasure Donation Land Claim (DLC) #78, and found monuments as noted at stations 25+02.72/30.00' LT, 26+91.12/20.00' LT, 30+70.15/30.00' LT, 32+82.80/30.00' LT, and 36+38.18/30.00' RT. The centerline was extended easterly to the centerline of Settlemier St.

DATUM:

HORIZONTAL DATUM
 The Oregon North State Plane coordinate system, (Zone 3601) NAD83 (2011) with a combined scale factor of 1.0001106037 international feet, based on information provided to the City of Woodburn by AKS Engineering and Forestry.

VERTICAL DATUM

Elevations are based on Marion County Control Point No. 9428, a brass disk in a monument box at the centerline-centerline intersection of W. Hayes Street and Cascade Drive. Benchmark Elevation = 186.42 feet (NAVD 88). Per the City of Woodburn requirements, project datum is to be on the NGVD 29 datum. Using NGS Vertcon software benchmark elevation = 183.07 (NGVD 29). All elevations shown are based on the NGVD 29 datum.

SITE INFORMATION:

Located in SE Quarter Of Section 12, Township 5 South, Range 2 West, And In SW Quarter Of Section 7, Township 5 South, Range 1 West, Willamette Meridian, City Of Woodburn, Marion County, Oregon

UTILITY NOTIFICATION:

ATTENTION: Oregon Law Requires You To Follow Rules Adopted By The Oregon Utility Notification Center. Those Rules Are Set Forth In OAR 952-001-0010 Through 952-001-0090. You May Obtain Copies Of The Rules By Calling The Center. (Note: The Telephone Number For The Oregon Utility Notification Center Is (503) 232-1987.)

PROJECT CONTACTS

OWNER
 CITY OF WOODBURN
 CONTACT: Dago Garcia, P.E.
 ADDRESS: 190 Garfield Street
 Woodburn, OR 97071
 PHONE: 503.982.5248
 EMAIL: dago.garcia@ci.woodburn.or.us

ENGINEER
 KITTELSON & ASSOCIATES, INC.
 CONTACT: Fred Wismer, P.E.
 ADDRESS: 851 SW 6th Avenue, Suite 600
 Portland, OR 97204
 PHONE: 503.535.7440
 EMAIL: fwisner@kittelson.com

ORS 92.044

This Design Complies With ORS 92.044 (7) In That No Utility Infrastructure Is Designed To Be Within One Foot Of A Survey Monument Location Shown On A Subdivision Or Partition Plat. No Design Modification Nor Final Field Location Change Shall Be Permitted If It Would Cause Any Utility Infrastructure To Be Placed Within The Prohibited Area.

Index of Sheets			
Sheet Number	Sheet Title	Sheet Number	Sheet Title
1	Cover Sheet	2E Thru 2E-14	Detailed Grading and Dimensioning
1A	Legend and Abbreviations	2G	Water Quality Plans
2A Thru 2A-2	Typical Sections	3 Thru 12	Street Plans
2B Thru 2B-6	Details	SS Thru SS-12	Signing and Striping
2C Thru 2C-6	Traffic Control Plans	TS Thru TS-6	Signal and RRFB Plans
2D Thru 2D-7	Grading and Erosion Plan	IC-1 and IC-3	Interconnect Plan
		IL Thru IL-5	Illumination



851 SW 6TH AVENUE, SUITE 600
 PORTLAND, OR 97204
 P 503.228.5230 F 503.273.8169

#	DATE	REVISION	APP'D
A	04/25/22	ADDITIONUM NO. 3	FSW

Submission Date: 03/07/2022

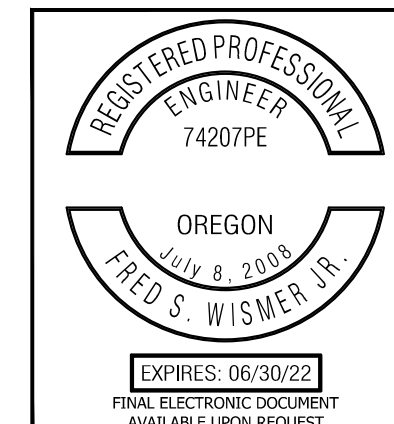
Drawn: JCB/RMM Designed: NRS/JBK Checked: FSW

PROJECT NO. 2015-001-20

W. Hayes Street Improvements
 Cascade Avenue to Settlemier Avenue

COVER SHEET

SHEET NO. 1



NO.	DATE	REVISION	APP'D
A	04/25/22	ADDENDUM NO. 3	FSW

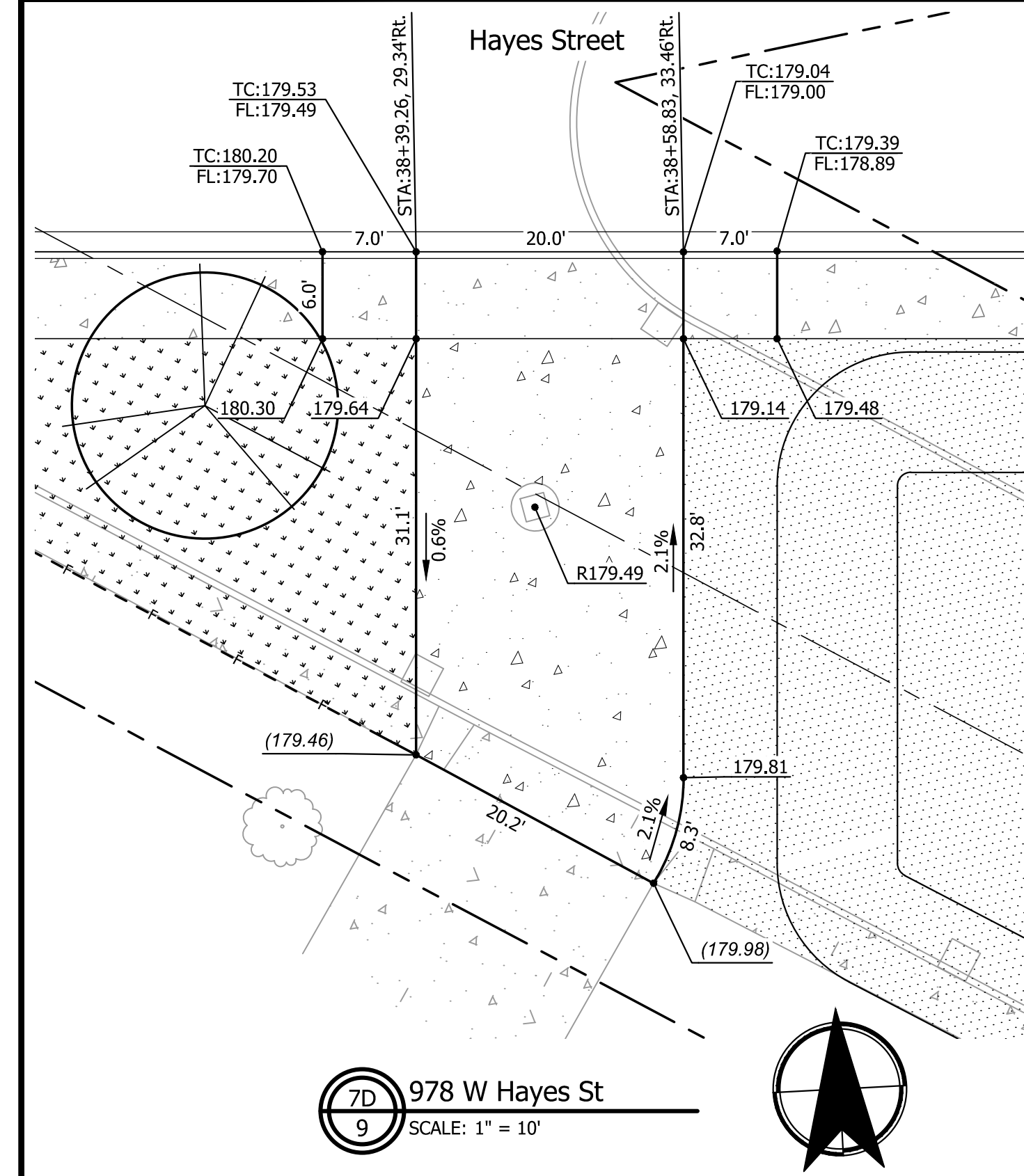
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 Drawn: JCB/RMM
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W. Hayes Street Improvements
 Cascade Avenue to Settlemier Avenue

DETAILED DRIVEWAY GRADING PLANS

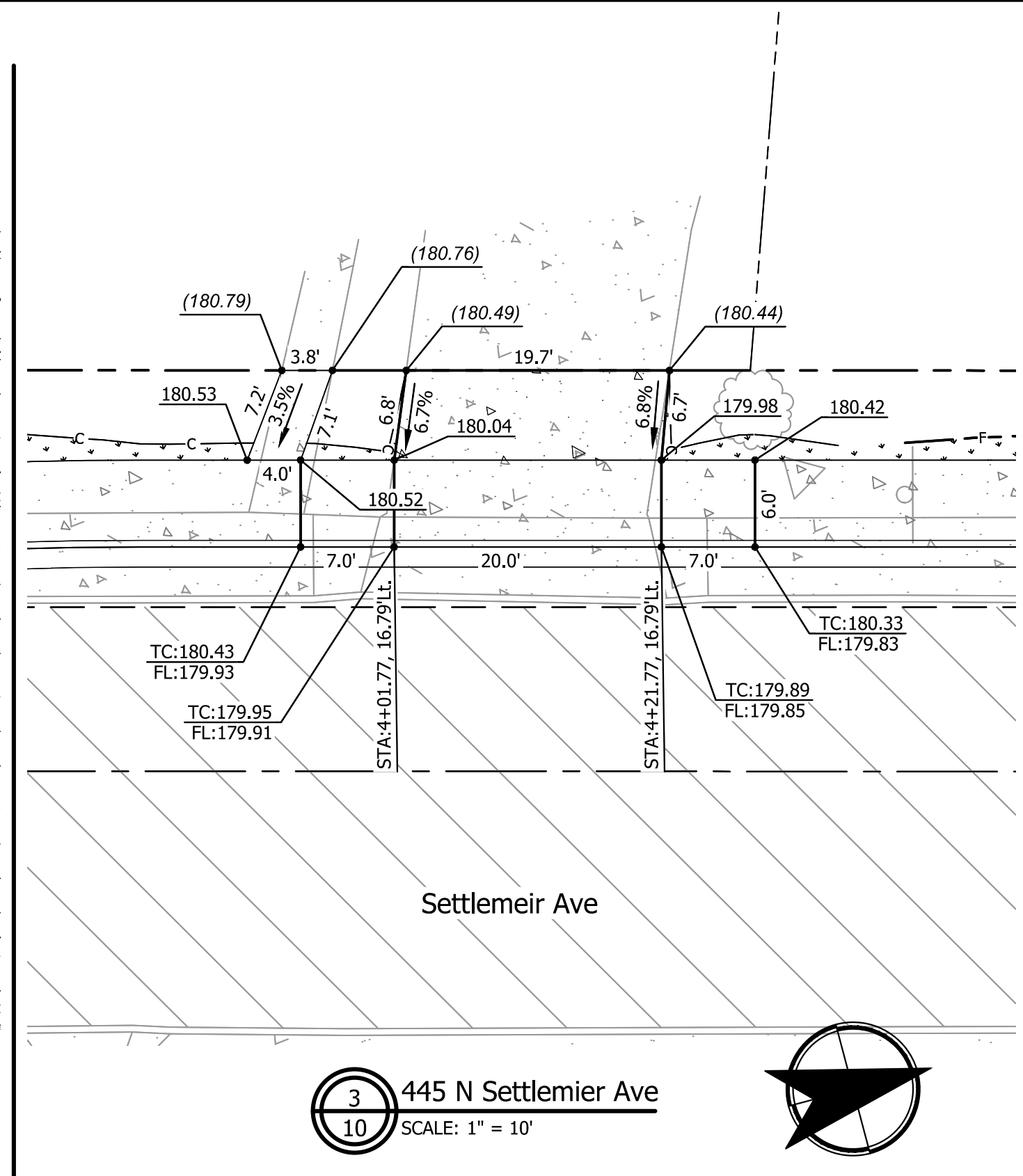
SHEET NO. 2E-14



7D
9 978 W Hayes St
SCALE: 1" = 10'

Driveway Construction Table

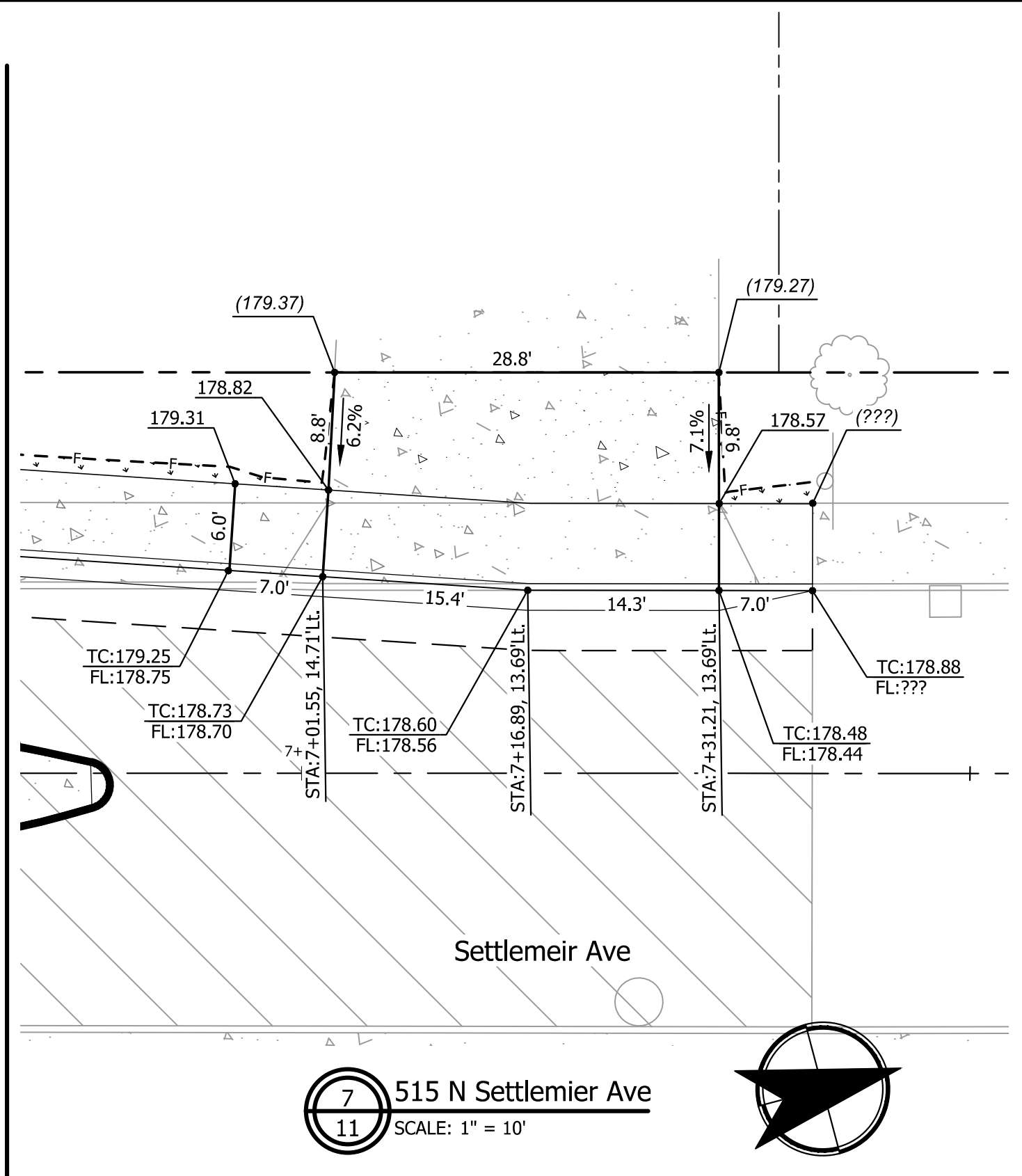
Throat Width (ft)	Width w/Wings (ft)	Driveway Area Material	Driveway Area (Sq. Ft) (D/W)	Approach Area Material	Approach Area (Sq. Ft) (D/W)
20.0	34.0	Concrete	204.0	Concrete	723.8



3
10 445 N Settlemier Ave
SCALE: 1" = 10'

Driveway Construction Table

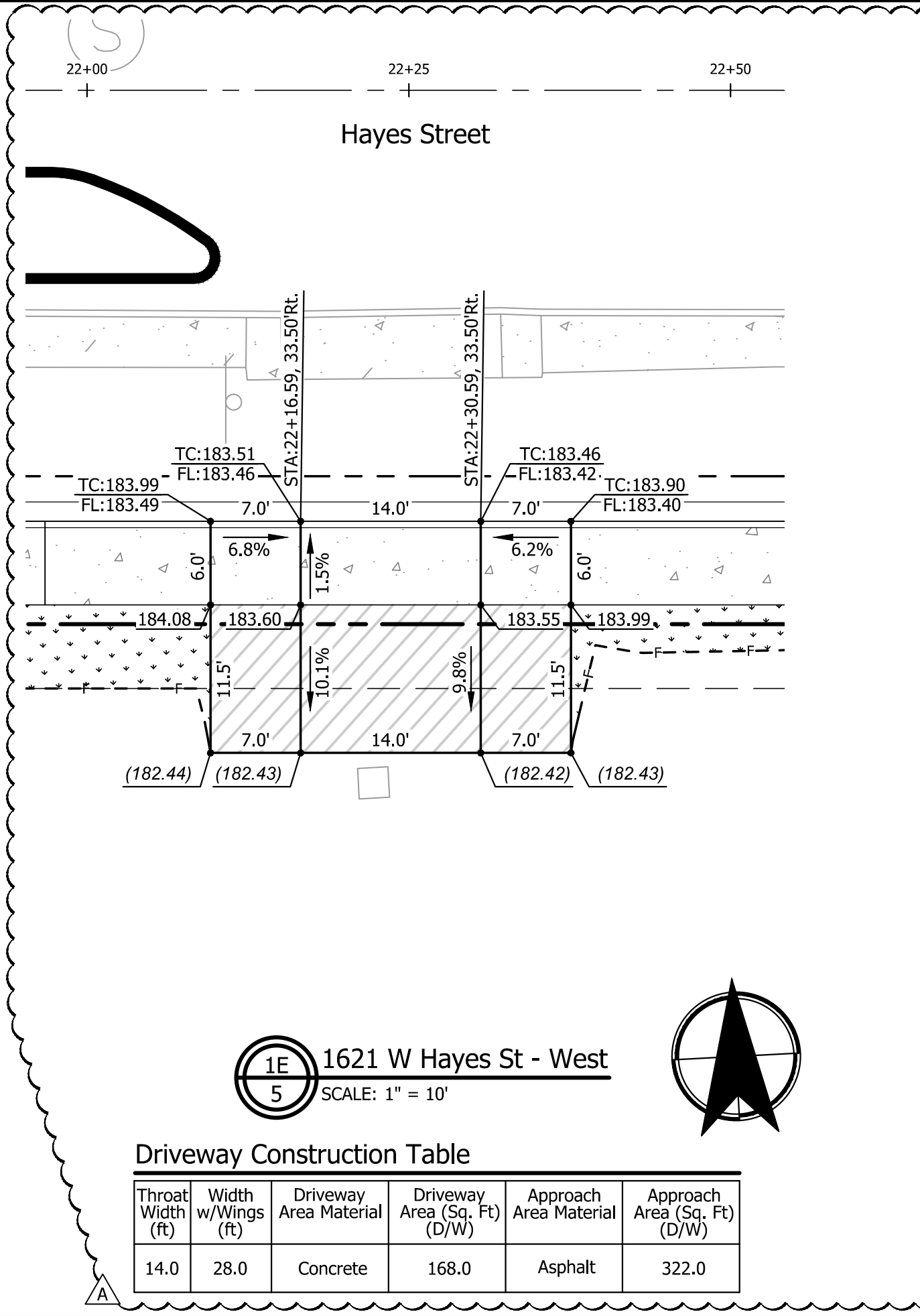
Throat Width (ft)	Width w/Wings (ft)	Driveway Area Material	Driveway Area (Sq. Ft) (D/W)	Approach Area Material	Approach Area (Sq. Ft) (D/W)
20.0	34.0	Concrete	204.0	Concrete	134.0



7
11 515 N Settlemier Ave
SCALE: 1" = 10'

Driveway Construction Table

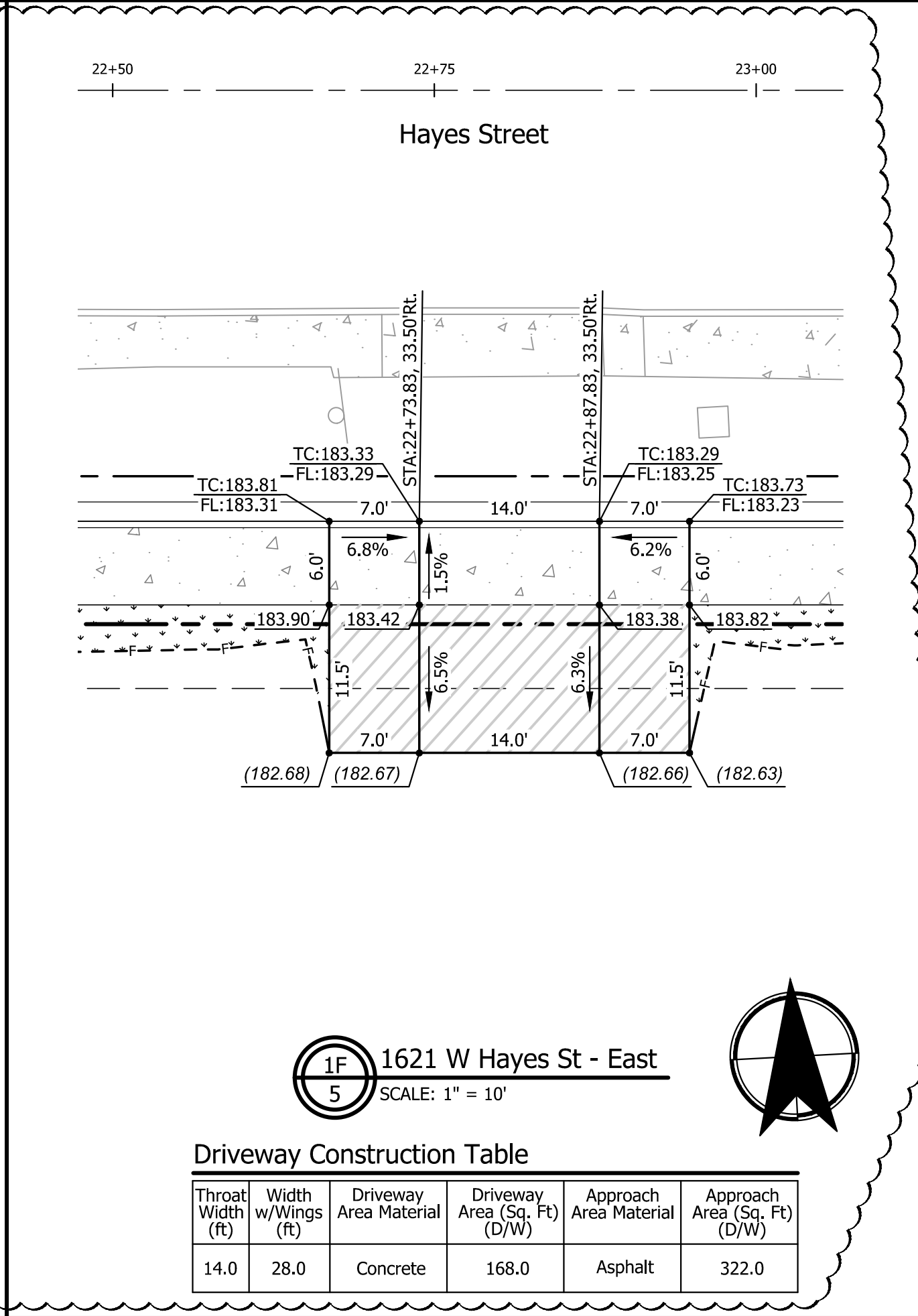
Throat Width (ft)	Width w/Wings (ft)	Driveway Area Material	Driveway Area (Sq. Ft) (D/W)	Approach Area Material	Approach Area (Sq. Ft) (D/W)
29.7	43.7	Concrete	262.2	Concrete	282.3



1E
5 1621 W Hayes St - West
SCALE: 1" = 10'

Driveway Construction Table

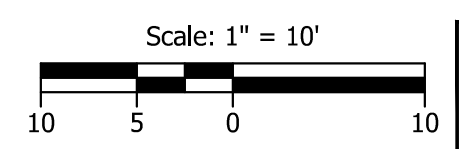
Throat Width (ft)	Width w/Wings (ft)	Driveway Area Material	Driveway Area (Sq. Ft) (D/W)	Approach Area Material	Approach Area (Sq. Ft) (D/W)
14.0	28.0	Concrete	168.0	Asphalt	322.0



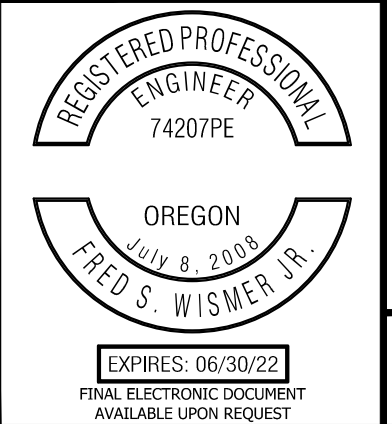
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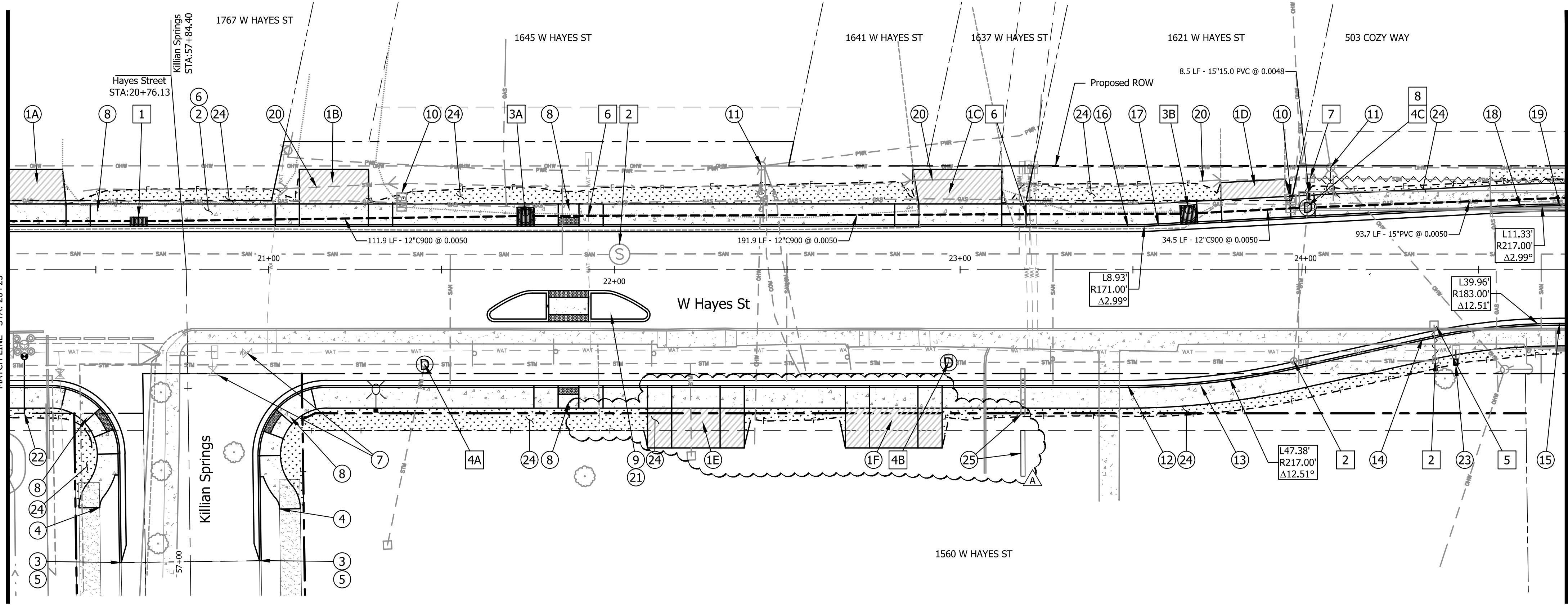
Driveway Construction Table

Throat Width (ft)	Width w/Wings (ft)	Driveway Area Material	Driveway Area (Sq. Ft) (D/W)	Approach Area Material	Approach Area (Sq. Ft) (D/W)
14.0	28.0	Concrete	168.0	Asphalt	322.0



ABBREVIATION
 FL = Flowline Curb Elevation
 TC = Top of Curb Elevation
 (XXX.XX) = Match Extg. Grade
 XXX.XX = Finish Grade
 LX.XX' = Line Length
 CX.XX' = Curve Length



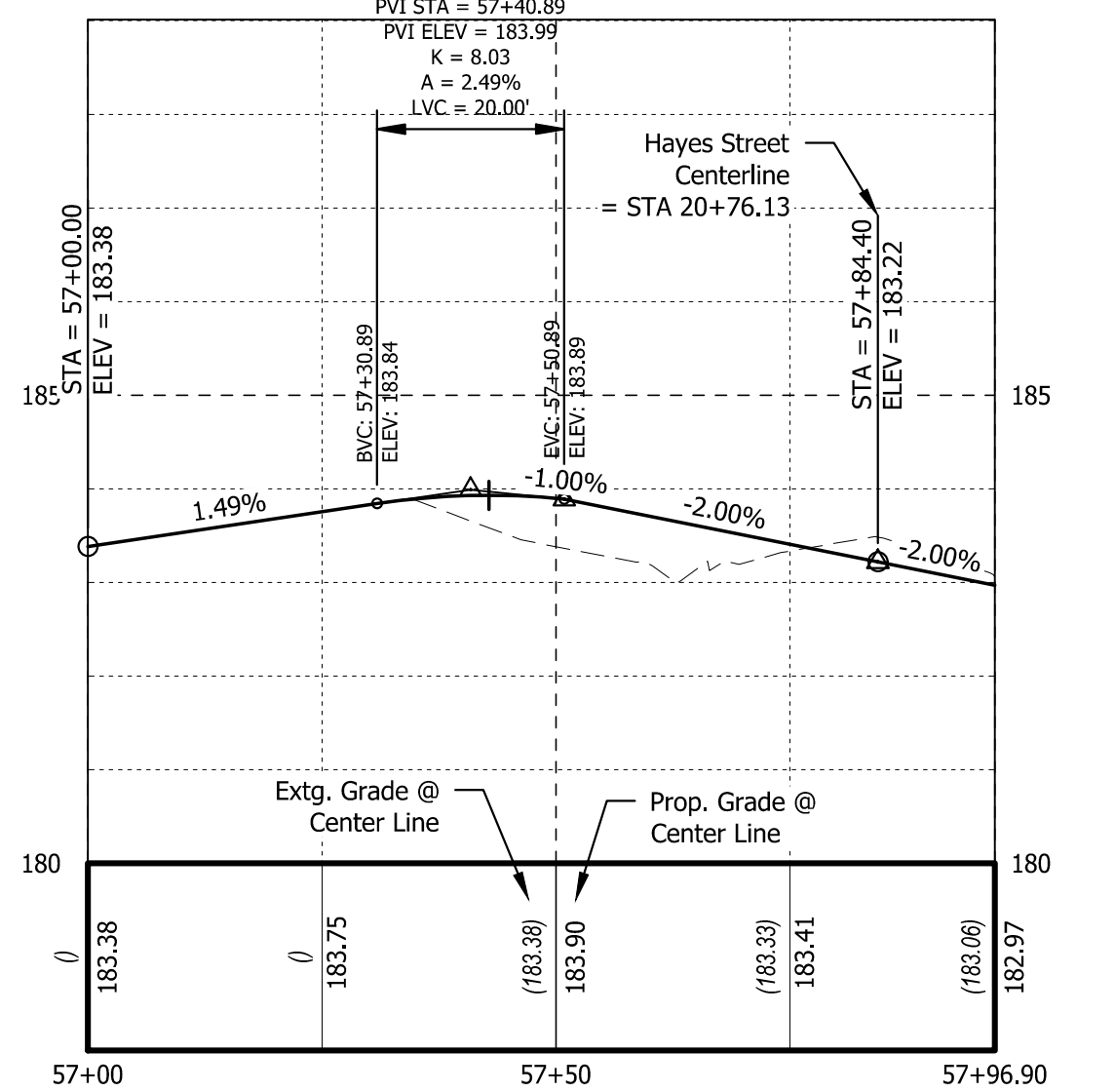
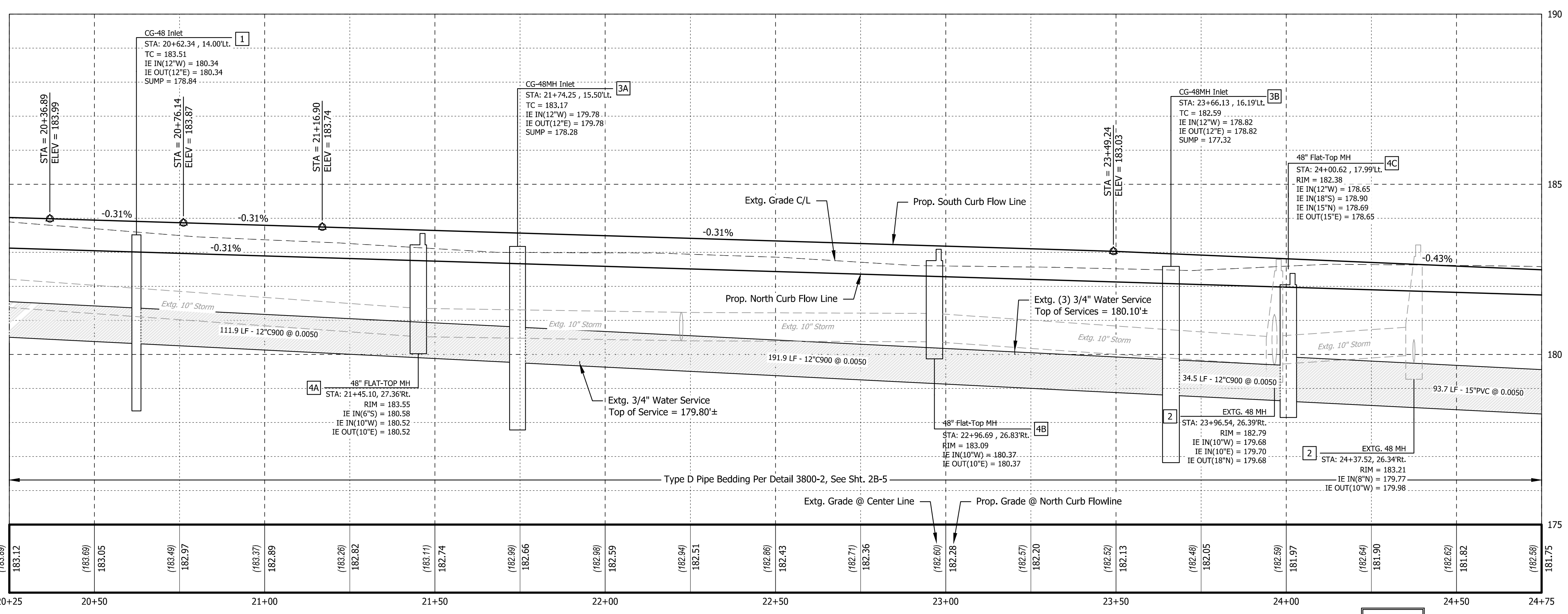


STREET CONSTRUCTION NOTES

- ① Construct Driveway
A - Sta. 20+14.34, 12.50'Lt. - Sta. 20+41.34, 12.50'Lt.
B - Sta. 21+01.87, 12.50'Lt. - Sta. 21+35.87, 12.50'Lt.
C - Sta. 22+81.09, 12.50'Lt. - Sta. 23+19.09, 12.50'Lt.
D - Sta. 23+88.79, 13.33'Lt. - Sta. 24+02.74, 13.33'Lt.
E - Sta. 22+76.59, 33.50'Rt. - Sta. 22+30.59, 33.50'Rt.
F - Sta. 22+73.83, 33.50'Rt. - Sta. 22+87.83, 33.50'Rt.
(For Details, See Sht. 2B)
- ② Construct Std. Curb & Gutter, & Sidewalk (For Details, See Sht. 2B)
- ③ Construct Std. Curb & Gutter (For Details, See Sht. 2B)
- ④ Construct Std. Sidewalk Match Existing (For Details, See Sht. 2B)
- ⑤ Sawcut and Remove Extg. Pavement, Curb & Gutter, & Sidewalk
- ⑥ Remove Extg. Pavement, Curb & Gutter, & Sidewalk
- ⑦ Adjust Water Valve to Grade (Minor) (3 Ea.)
- ⑧ Construct Parallel Sidewalk Ramp (5 Ea.) (For Detailed Grading, See Sht. 2B-6)
- ⑨ Construct Doweled Median Island (For Details, See Sht. 2B-2)
- ⑩ Remove Extg. Mailbox Upon Installation of the Proposed Mailbox Cluster
- ⑪ Prop. Light Fixture (Refer to Sheets IL-2 Thru IL-6)
- ⑫ Curb Point of Curvature STA: 23+49.24, 33.50'Rt.
- ⑬ Curb Point of Tangency STA: 23+95.51, 28.35'Rt.
- ⑭ Curb Point of Curvature STA: 24+33.83, 19.84'Rt.
- ⑮ Curb Point of Tangency STA: 24+73.47, 15.50'Rt.
- ⑯ Curb Point of Curvature STA: 23+49.24, 12.50'Lt.
- ⑰ Curb Point of Tangency STA: 23+57.43, 12.73'Lt.
- ⑱ Curb Point of Curvature STA: 24+62.15, 18.20'Lt.
- ⑲ Curb Point of Tangency STA: 24+73.47, 18.50'Lt.
- ⑳ Preserve and Protect Culvert
- ㉑ See Sht. TS-4 for RRFB Plan
- ㉒ Construct Fire Hydrant STA: 20+29.30, 41.50' Rt. Back of Walk Elevation = 184.62 (For Details, See Sht. 2B-5)
- ㉓ Water Meter Relocation, By City Forces (1 Ea.)
- ㉔ Install Permanent Lawn Seeding (±3,028 SF)
- ㉕ Salvage and Reinstall Existing Church Sign. Contractor to expose, connect, and extend existing conduit & wiring to relocated sign. Contractor to coordinate power shutdown with church.

STORM CONSTRUCTION NOTES

- 1 Install CG-48 Inlet (1 Ea.) (For Details, See Sht. 2B-4)
- 2 Adjust Manhole Rim to Grade (Major) (3 Ea.)
- 3 Install CG-48 Manhole Inlet (2 Ea.) (For Details, See Sht. 2B-4)
- 4 Install 48 In. Flat Top Manhole (3 Ea.) (For Details, See Sht. 2B-3)
- 5 Remove Extg. Inlet (1 Ea.)
- 6 Adjust Water Service Vertically
- 7 Connect to Extg. Structure (1 Ea.)
- 8 Install Manhole over Extg. Sewer (1 Ea.)

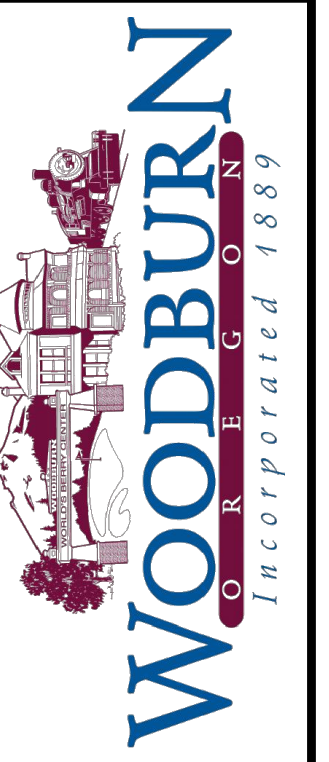
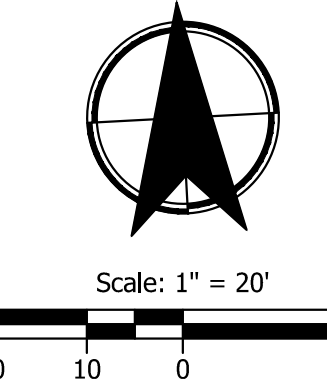


Killian Springs Connection Profile

Horz: 1"=20', Vert: 1"=2'

Hayes Street Profile
Horz: 1"=20', Vert: 1"=2'

Earthworks	
Excavation	961.8 CY
Embankment	73.5 CY



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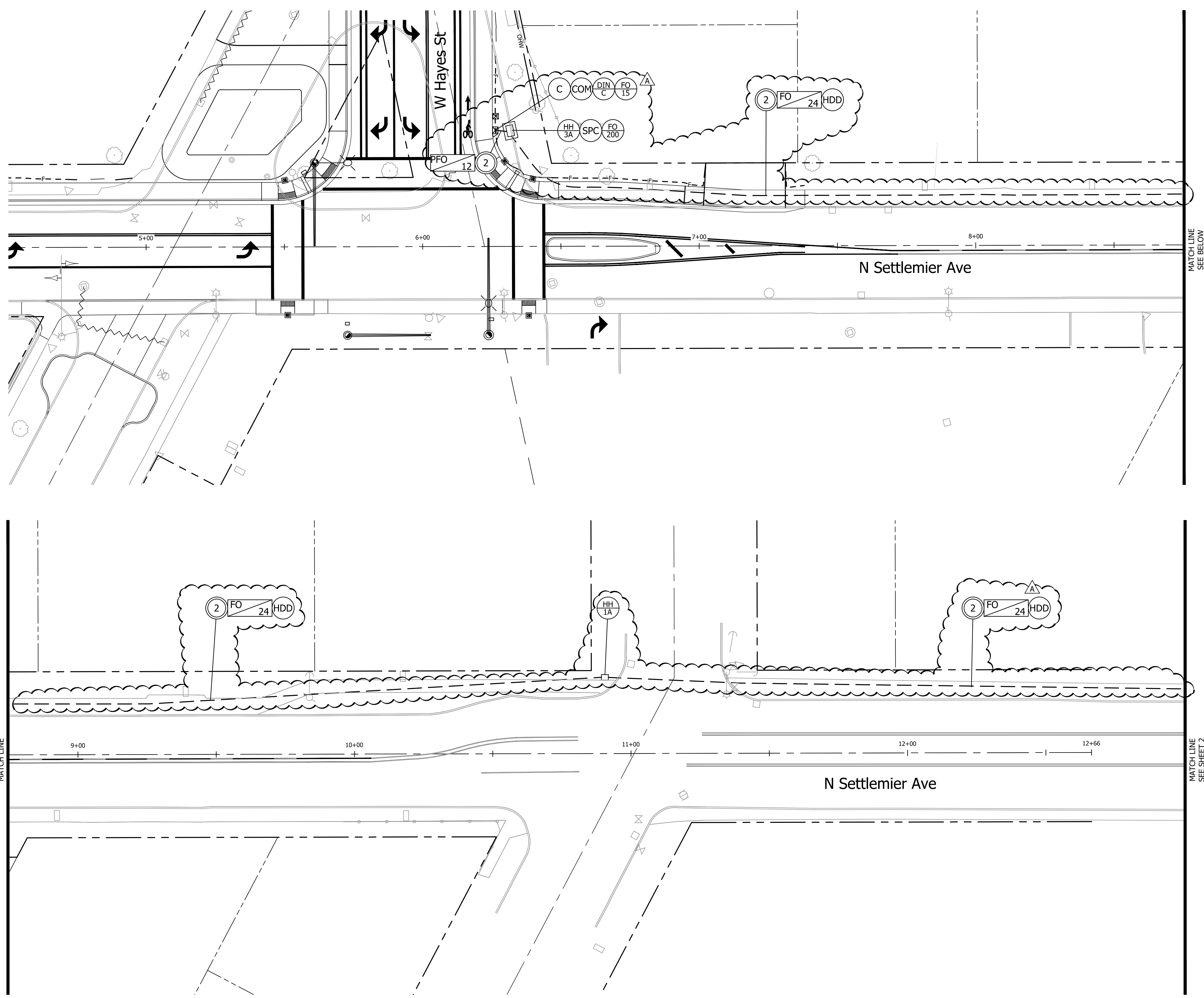
APP'D	DATE	REVISION
FSW	04/25/22	APP'D
		ADDENDUM NO. 3

Submission Date: 03/07/2022
Drawn: JCB/RMM, Designed: NRS/JBK, Checked: FSW
PROJECT NO. 2015-001-20

W. Hayes Street Improvements
Cascade Avenue to Settlemier Avenue
HAYES PLAN AND PROFILE

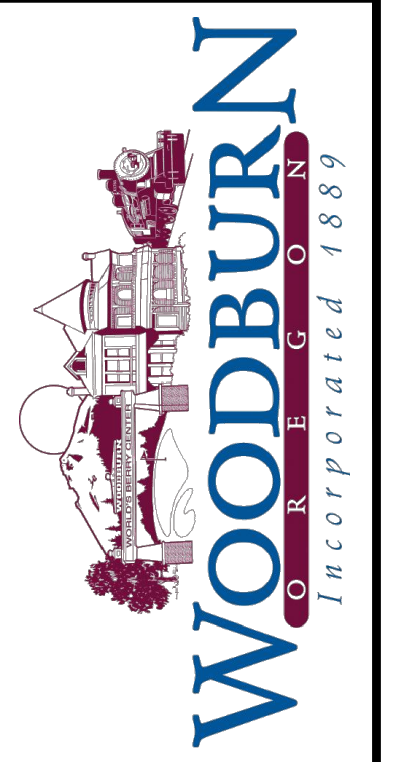
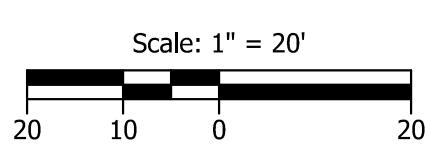
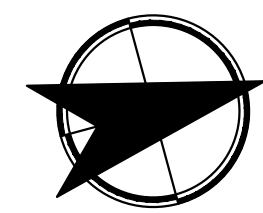
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CONSTRUCTION NOTES

- (C) Controller cabinet
(See Signal Plan)
- FO N Install (N=number) strand single mode fiber optic cable. See Special Provisions.
- (HDD) Install conduit by horizontal direction drilling, open trench not allowed
- (HH 1A) Install 24"x30"x24" Fiber Optic Hand Hole w/ Concrete Apron (See TM472 for details)
- (HH 3A) Install 30"x48"x36" Fiber Optic Hand Hole w/ Concrete Apron (See TM472 for details)
- (2) Install (S=size) inch conduit
- PFO 12 Install (N=number) single mode fiber optic cable for fiber optic connection patch panel.
- (SPC) Install fiber optic splice closure.
- (COM) See sheet IC-3 for communications equipment to be furnished and installed.
- (DIN F) Install communications bracket for fiber optic interconnect.
Use only Green Sheet listed systems
- (FO N) Coil (N = number of feet) of fiber optic cable (in advance of splicing) in hand hole



KITTELSON & ASSOCIATES
 851 SW 6TH AVENUE, SUITE 600
 PORTLAND, OR 97204
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APP'D	DATE	REVISION
FSW	04/25/22	ADDENDUM NO. 3

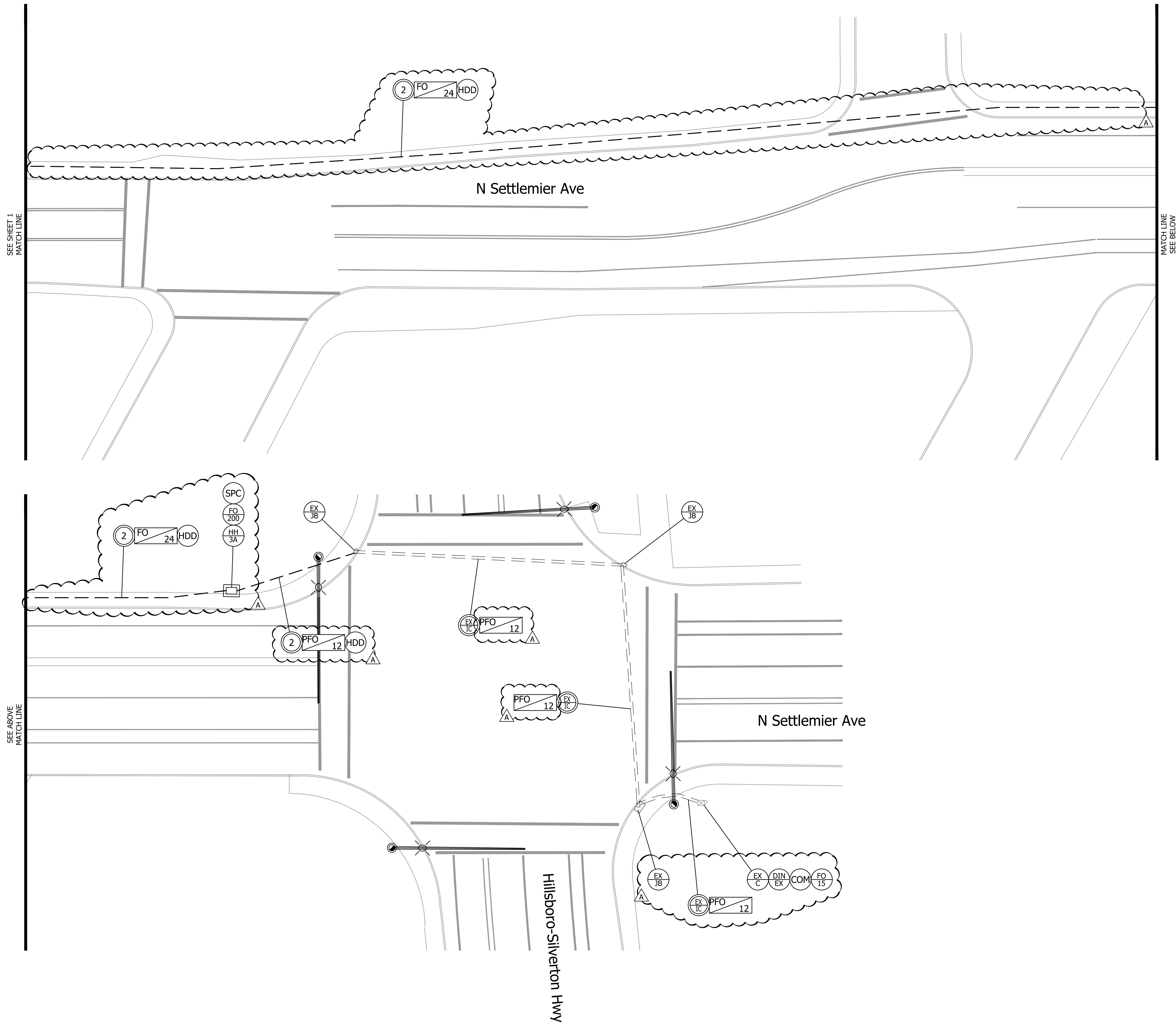
Submission Date: 03/07/2022
 Drawn: JCB/RMM Designed: NRS/JBK Checked: FSW

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W. Hayes Street Improvements
 Cascade Avenue to Settlemier Avenue
 INTERCONNECT PLAN

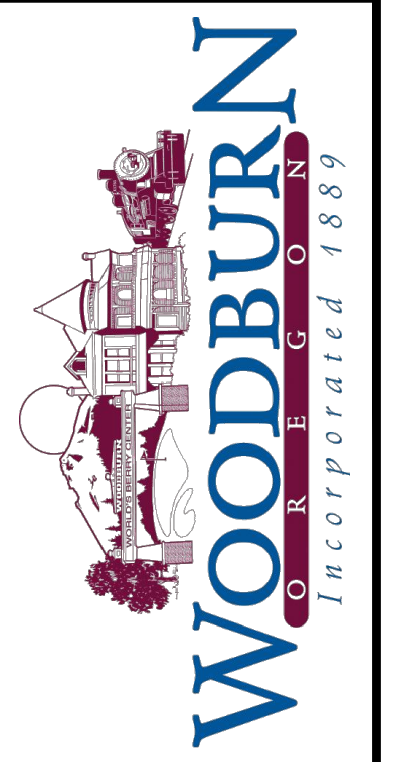
SHEET NO. IC-1

Plot Stamp: 4/25/2022 11:43:31 AM - Fred Wismer
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CONSTRUCTION NOTES

- Install (N=number) strand single mode fiber optic cable. See Special Provisions.
- Install conduit by horizontal direction drilling, open trench not allowed
- Install 30"x48"x36" Fiber Optic Hand Hole w/ Concrete Apron (See TM472 for details)
- Install (S=size) inch conduit
- Retain and protect existing junction box
- Retain and protect existing Model 170E/HC11 controller and Model 332 Cabinet
- Retain and protect existing interconnect conduit
- Install (N=number) single mode fiber optic cable for fiber optic connection patch panel.
- Install fiber optic splice closure.
- See sheet IC-3 for communications equipment to be furnished and installed.
- Retain and protect existing communications bracket.
- Coil (N = number of feet) of fiber optic cable (in advance of splicing) in hand hole

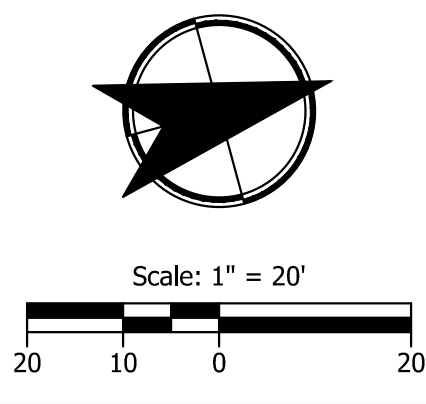
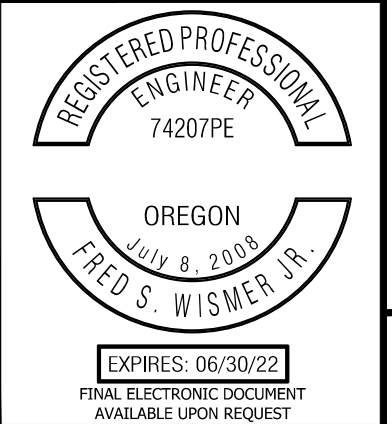


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NO.	DATE	REVISION	APP'D.
1	04/25/22	ADDENDUM NO. 3	FSW

Submission Date: 03/07/2022
 Drawn: JCB/RMM Designed: NRS/JBK Checked: FSW

PROJECT NO. 2015-001-20
W. Hayes Street Improvements
 Cascade Avenue to Settlemier Avenue
 INTERCONNECT PLAN
 SHEET NO. IC-2



COMMUNICATION COMPONENT SCHEDULE			
LOCATION:	COMMUNICATIONS COMPONENTS	QUANTITY	OPTIC CONNECTION(S) TYPE
SETTLEMIER AVE. / HILLSBORO-SILVERTON HWY (OR 214)	A) ETHERNET EDGE SWITCH RS900G* SIEMENS PART NO. 6GK6090-0GS23-0BA1-Z A05	1	-
	B) SIX-FOOT POWER CABLE WITHOUT LUGS (BARE-WIRE) (FOR RUGGEDCOM RS900G SWITCH) SIEMENS PART NO. 6GK6000-8BB00-0AA0	1	-
	C) EXISTING ETHERNET EDGE SWITCH	1	-
	D) INDUSTRIAL ETHERNET CABLE	1	-
	E) FIBER PATCH PANEL	1	-
	F) FIBER OPTIC PATCH CORD	2	-

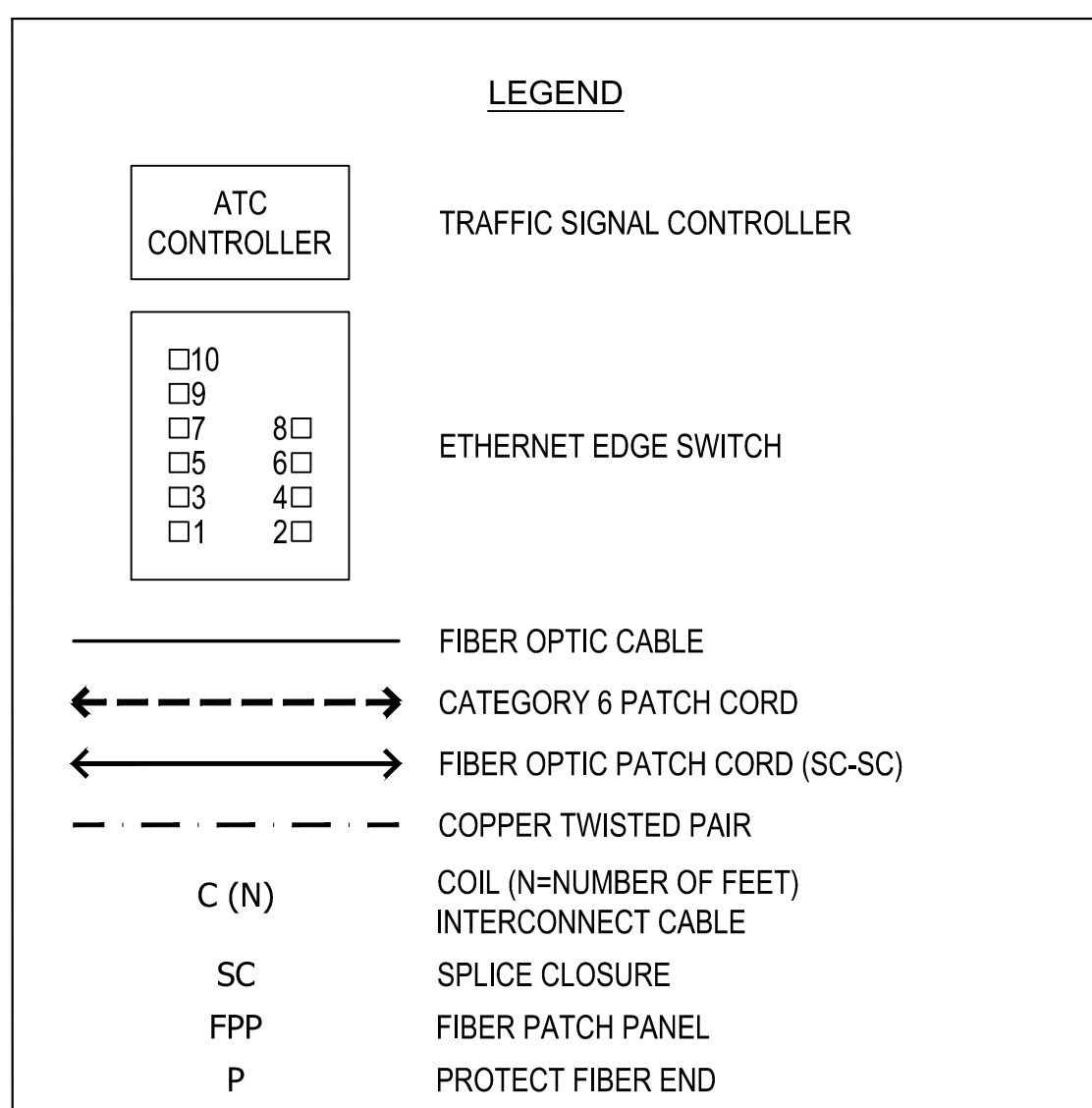
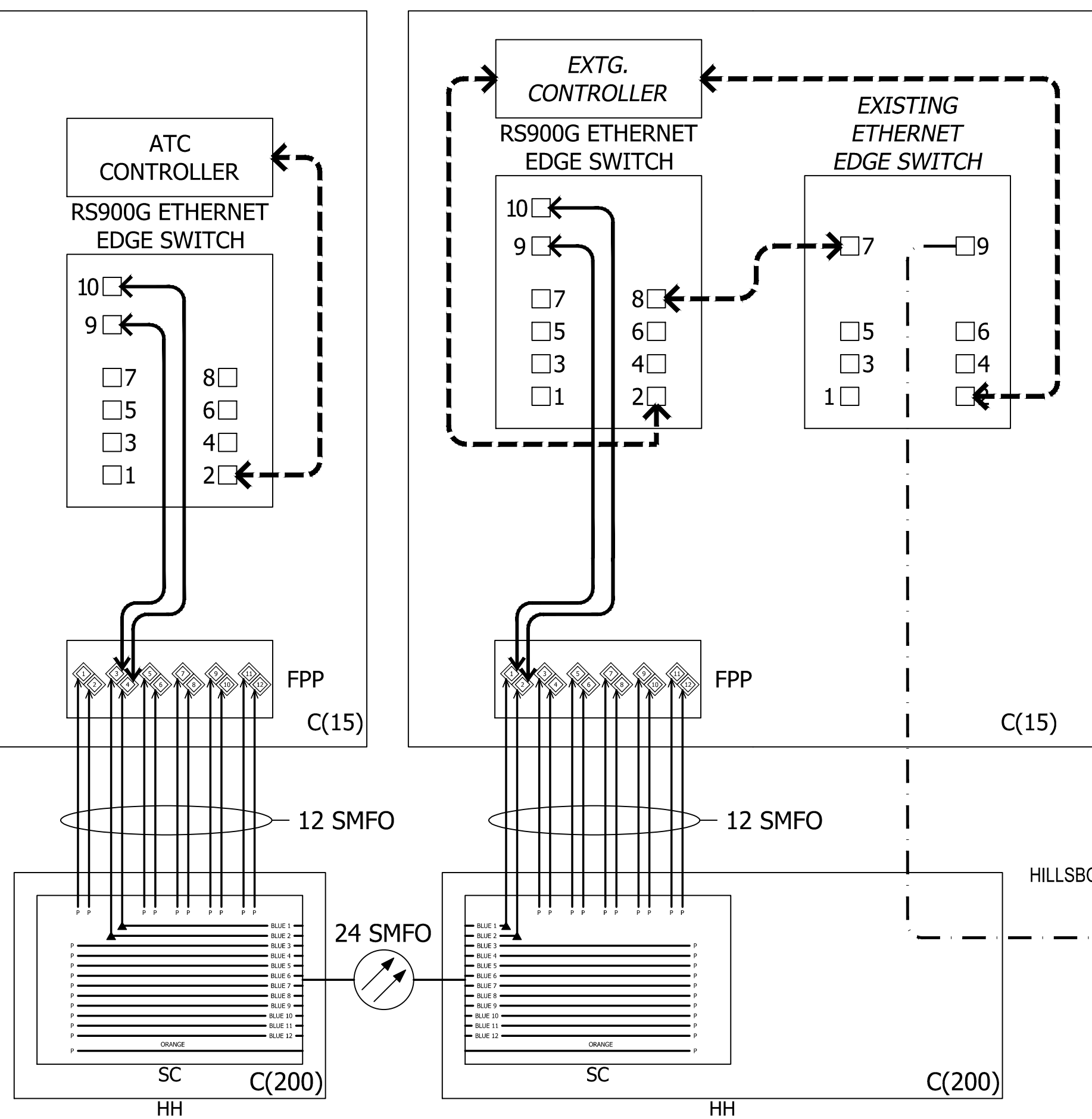
* CONTRACTOR TO DELIVER SWITCH GEAR TO ODOT. ODOT WILL CONFIGURE AND INSTALL SWITCH GEAR.

COMMUNICATION COMPONENT SCHEDULE			
LOCATION:	COMMUNICATIONS COMPONENTS	QUANTITY	OPTIC CONNECTION(S) TYPE
HAYES ST. / SETTLEMIER AVE.	A) ETHERNET EDGE SWITCH RS900G* SIEMENS PART NO. 6GK6090-0GS23-0BA1-Z A05	1	-
	B) SIX-FOOT POWER CABLE WITHOUT LUGS (BARE-WIRE) (FOR RUGGEDCOM RS900G SWITCH) SIEMENS PART NO. 6GK6000-8BB00-0AA0	1	-
	C) INDUSTRIAL ETHERNET CABLE	1	-
	D) FIBER PATCH PANEL	1	-
	E) FIBER OPTIC PATCH CORD	1	-

* CONTRACTOR TO DELIVER SWITCH GEAR TO ODOT. ODOT WILL CONFIGURE AND INSTALL SWITCH GEAR.

HAYES ST. / SETTLEMIER AVE.
NEW SIGNAL CABINET

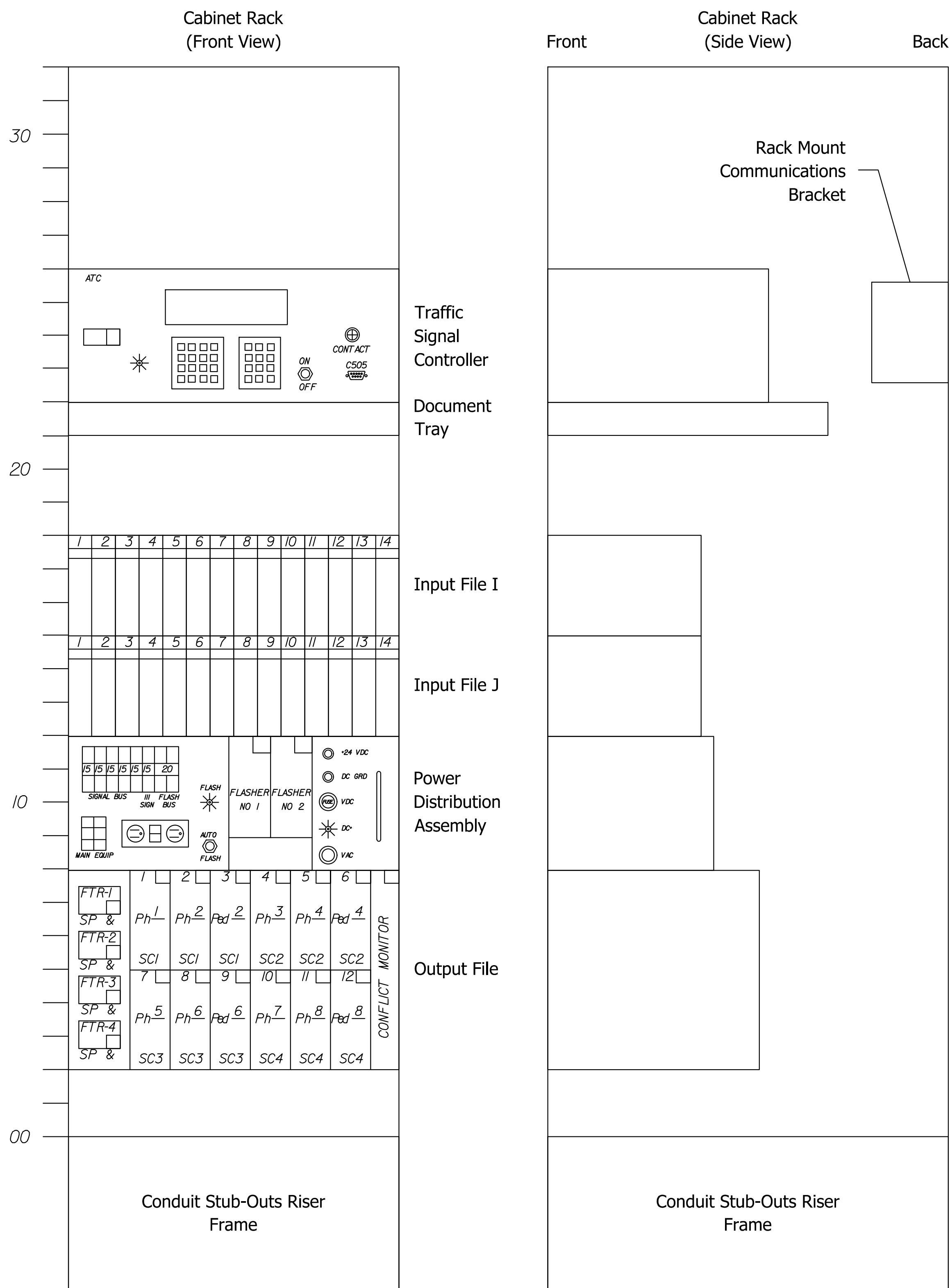
SETTLEMIER AVE. / HILLSBORO-SILVERTON HWY (OR 214)
EXISTING SIGNAL CABINET



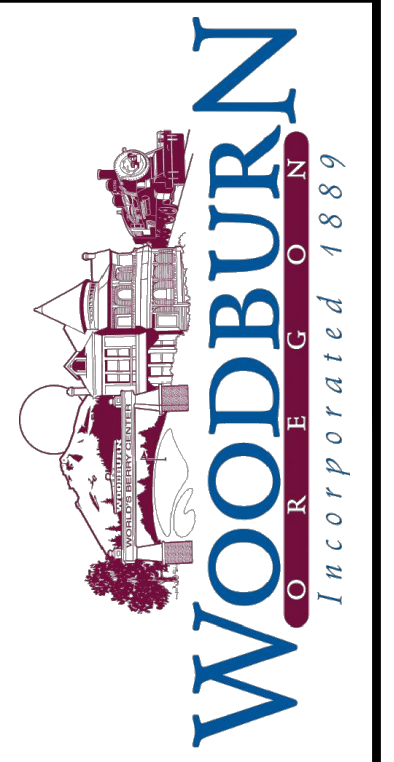
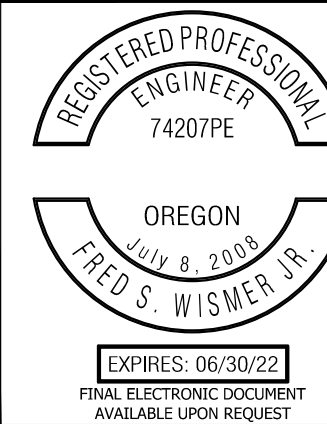
GENERAL NOTES:

- This drawing provides a schematic of the communications system only. Not all junction boxes are shown on this plan.
- Fiber optic cable shall be continuous.

TYPICAL CABINET LAYOUT - TYPE 332 STRETCH



This sheet was added in its entirety



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W. Hayes Street Improvements
Cascade Avenue to Settlemier Avenue
INTERCONNECT DETAILS

SHEET NO. IC-3