

Construction Plans

COUNTY ROAD PROJECT (CRP) #1011 / ROAD LOG # 24250

21st ST NE - N BAKER AVE TO N DEVON AVE

Township 23N., Range 20E., W.M., Section 35

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DOUGLAS COUNTY TRANSPORTATION

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DOUGLAS COUNTY SEWER DISTRICT

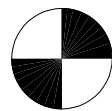
SS01	(16 of 22)	SANITARY SEWER SYSTEM PLAN
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EAST WENATCHEE WATER DISTRICT

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COMMISSIONERS

DAN SUTTON (CHAIR)	DISTRICT 1
RANDY AGNEW (VICE CHAIR)	DISTRICT 2
MARC S. STRAUB (COMMISSIONER)	.....	DISTRICT 3



Project Datum NAD 1983/91
Washington Plane Coordinate System,
North Zone U.S. Survey Feet.
Multiply distances by
1.000025886 to convert to ground.
Vertical - NAVD 1988

DOUGLAS COUNTY PERSONNEL

RILEY HAUG, OFFICE ENGINEER	.....	(509) 884-7173 Ext. 6586
DEREK REYNOLDS, CONSTRUCTION INSPECTOR	.....	(509) 630-3567 Ext. 6568
JUSTIN ROOZEN, ENVIRONMENTAL MANAGER	.....	(509) 884-7173 Ext. 6573
DARRIN NELSON, ENGINEERING DESIGNER	.....	(509) 884-7173 Ext. 6548
AARON SIMMONS, P.E. COUNTY ENGINEER	.....	(509) 884-7173 Ext. 6547
MIKE NEER, P.E. CAPITAL PROGRAMS MANAGER	.....	(509) 884-7173 Ext. 6561

UTILITIES

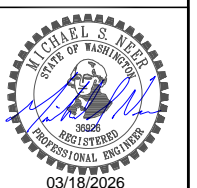
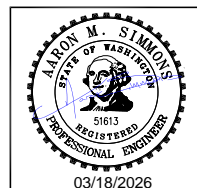
UTILITY	UTILITY NAME	CONTACT	PHONE
POWER	DOUGLAS COUNTY PUD	JED ZOOK	(509) 884-7191
TELEPHONE	ZIPLY FIBER, LLC	CHESNA KERNS	(509) 881-5352
CABLE TV	CHARTER COMMUNICATIONS	MICAH TEETERS	(509) 387-6022
WATER	E. WEN. WATER DIST.	VINCE JOHNSTON	(509) 884-3569
SEWER	DOUGLAS CO. SEWER DISTRICT	KURT HOSMAN	(509) 884-2484
IRRIGATION	WENATCHEE RECLAMATION DIST.	WAYLON MARSHALL	(509) 633-0002
PRIVATE IRR.	NE 21st ST WATER ASSOCIATION	MIKE MILLIKEN	(509) 433-4176

GENERAL NOTES

- The existing topographic and physical features shown on these plans are based on a combination of: record drawings and field survey from Douglas County, franchise utility company records, and field reconnaissance by the County. The Contractor may encounter variations between actual conditions and those shown on the plans.
- The location of existing underground utilities, including irrigation facilities, are shown in an approximate way only and have not been independently verified by the owner or the Engineer. The Contractor shall determine the exact location of all existing utilities before commencing work, and agrees to be fully responsible for any and all damages which might be occasioned by the Contractor's failure to exactly locate and preserve any and all underground utilities. See the Special Provisions for details regarding irrigation systems and utilities, geotechnical conditions, and hazardous materials.
- No construction related activity shall contribute to the degradation of the environment, allow material to enter surface or ground waters, or allow particulate emissions to the atmosphere, which exceed state or federal standards. Any actions that potentially allow a discharge to state waters must have prior approval of the Washington State Department of Ecology.

LEGEND

EXISTING		PROPOSED	
	WATER VALVE		CENTERLINE STATION
	SEWER MANHOLE		DOUGLAS COUNTY ROW ACQUISITION
	STORMWATER MANHOLE		PERPETUAL EASEMENT ACQUISITION
	STORMWATER CATCH BASIN		TEMPORARY CONSTRUCTION EASEMENT
	UTILITY POLE		SAW CUT
	WATER METER		STORM PIPE (CPSSP)
	IRRIGATION VAULT		CATCH BASIN
	MAILBOX		MANHOLE
	TELEPHONE BOX		DETECTABLE WARNING SURFACE
	TRAFFIC SIGN		CONCRETE
	POWER TRANSFORMER		ASPHALT
	FIRE HYDRANT		CSTC
	SURVEY MONUMENT CASE AND COVER		CUT
	DECIDUOUS TREE		FILL
	CONIFEROUS / DECIDUOUS SHRUB		MAJOR CONTOURS
	CONIFEROUS TREE		MINOR CONTOURS
	PARCEL LINES		AREA OF POTENTIAL EFFECT
	DOUGLAS COUNTY RIGHT OF WAY		STORMWATER FLOW DIRECTION
	EDGE OF PAVEMENT		
	FENCE		
	WATER MAIN		
	SANITARY SEWER		
	UNDERGROUND TELEPHONE LINE		
	UNDERGROUND POWER LINE		
	UNDERGROUND FIBER LINE		
	OVERHEAD POWER		
	OVERHEAD CABLE TV		
	OVERHEAD TELEPHONE LINE		
	MAJOR CONTOURS		
	MINOR CONTOURS		



NO.	REVISION	BY	DATE

PLOT DATE: 3-17-26
DESIGNER: DPN
DRAWN BY: DPN / GTP

**21st ST NE -
N Baker Ave to N Devon Ave**

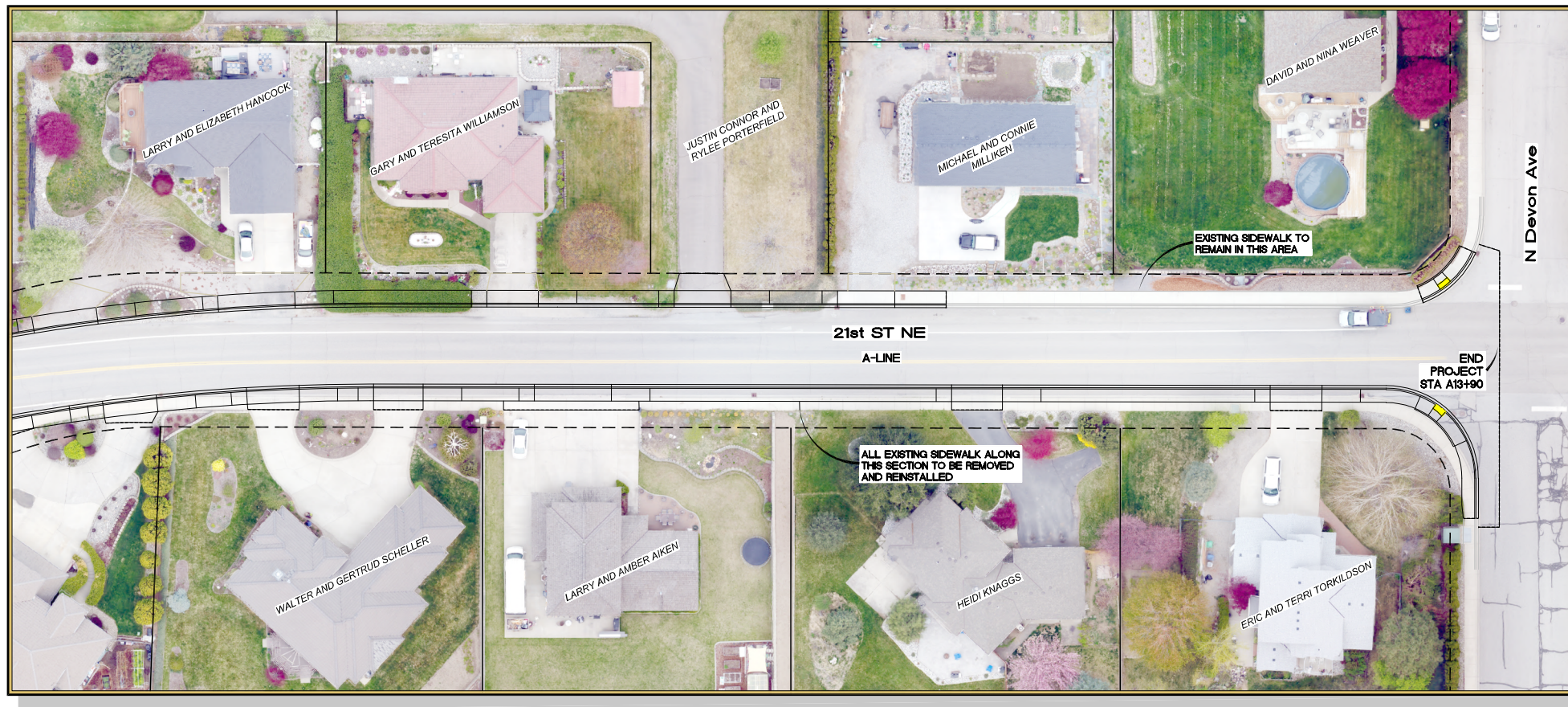
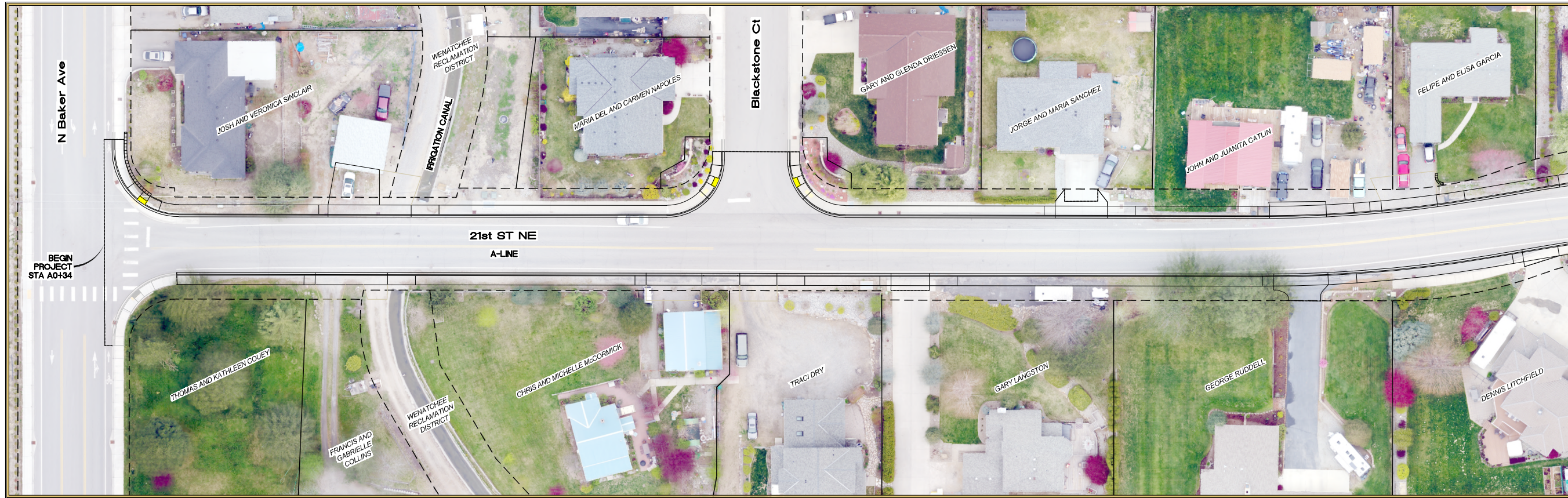


DOUGLAS COUNTY
TRANSPORTATION & LAND SERVICES
110 19th St. NW, E. Wenatchee, WA 98802 PH: (509) 884-7173

COVER SHEET

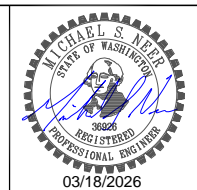
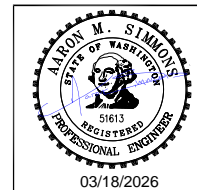
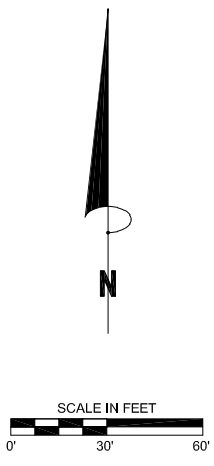
DRAWING NAME:
1011_COV
PROJECT NO.
CRP 1011

C1



PROJECT DESCRIPTION AND OVERVIEW

This project will reconstruct 21st ST NE from N Baker Ave to N Devon Ave at a length of 1,356 l.f. This roadway will include 11 foot wide lanes and a designated 5 foot wide bike lane along each lane. The new roadway section depths will consist of 0.70' crushed surfacing base course, 0.25' crushed surfacing top course, and 0.30' hot mix asphalt with a roadway width of 32'. New sidewalk will be installed along the corridor, except where areas of existing will remain. A new storm water system will be installed and tie into the existing N Baker Ave system. Vertical and horizontal alignments will relatively remain the same as the existing roadway.



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21st ST NE - N Baker Ave to N Devon Ave



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 140 19th St. SW, E. Wenatchee, WA 98802 PH: (509) 884-7173

PROJECT AERIAL OVERVIEW

DRAWING NAME:
1011_AERIAL

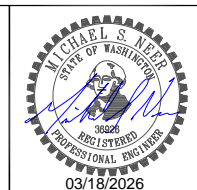
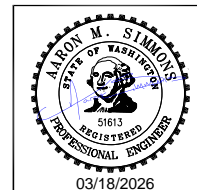
PROJECT NO.
CRP 1011

C2

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SUMMARY OF QUANTITIES

ITEM NO.	TOTAL QUANTITY	SUB-TOTAL SECTION 1-07.2(1) STANDARD SPECS	SUB-TOTAL SECTION 1-07.2(2) STANDARD SPECS	UNIT	ITEM	GROUP 1 DOUGLAS COUNTY	GROUP 2 DOUGLAS COUNTY SEWER DISTRICT	GROUP 3 EAST WENATCHEE WATER DISTRICT	GROUP 4 NE 21ST STREET WATER ASSOCIATION	ITEM NO.	TOTAL QUANTITY	SUB-TOTAL SECTION 1-07.2(1) STANDARD SPECS	SUB-TOTAL SECTION 1-07.2(2) STANDARD SPECS	UNIT	ITEM	GROUP 1 DOUGLAS COUNTY	GROUP 2 DOUGLAS COUNTY SEWER DISTRICT	GROUP 3 EAST WENATCHEE WATER DISTRICT	GROUP 4 NE 21ST STREET WATER ASSOCIATION
PREPARATION																			
1	Lump Sum	Lump Sum	Lump Sum	L.S.	Mobilization	Lump Sum	Lump Sum	Lump Sum	Lump Sum	35	1065	1065		Ton	HMA Cl. 1/2 In. PG 64H-28	1,065			
2	0.5	0.5		Acre	Clearing and Grubbing		0.5												
3	Lump Sum	Lump Sum		L.S.	Removal of Structures and Obstructions	Lump Sum				36	Lump Sum		Lump Sum	L.S.	Irrigation System				Lump Sum
4	590	590		L.F.	Sawcutting	590													
GRADING																			
5	2400	2400		C.Y.	Roadway Excavation Incl. Haul	2,400				37	60	60		Day	ESC Lead	60			
6	230	230		C.Y.	Embankment Compaction	230				38	15	15		Each	Inlet Protection	15			
7	7	7		Each	Catch Basin Type 2 48" Bolt-Down Manhole Ring and Solid Cover	7				39	\$10,000.00	\$10,000.00		Est.	Erosion/Water Pollution Control	\$10,000.00			
8	1	1		Each	Catch Basin Type 2 - 72 In. Diam.	1				40	0.5	0.5		Acre	Seeding, Fertilizing, and Mulching	0.5			
9	13	13		Each	Catch Basin Type 1L - Combination Inlet	13				41	220	220		L.F.	High Visibility Silt Fence	220			
10	210	210		L.F.	Corrugated Polyethylene Storm Sewer Pipe 12 In. Diam.	210				42	2546	2546		L.F.	Cement Conc. Traffic Curb and Gutter	2,546			
11	1300	1300		L.F.	Corrugated Polyethylene Storm Sewer Pipe 18 In. Diam.	1,300				43	85	85		L.F.	Cement Conc. Pedestrian Curb	85			
12	1	1		Each	Connection to Existing Drainage System	1				44	Lump Sum	Lump Sum	Lump Sum	L.S.	Project Temporary Traffic Control	Lump Sum	Lump Sum	Lump Sum	Lump Sum
13	2		2	Each	Adjust Manhole					45	210	210		S.F.	Construction Sign Class A	210			
14	1		1	Each	Special Manhole Adjustment - 35-115		2			46	5	5		Each	Monument Case and Cover	5			
15	1		1	Each	Special Manhole Adjustment - 35-43		1			47	800	800		S.Y.	Cement Concrete Sidewalk	800			
16	1		1	Each	Special Manhole Adjustment - 35-45		1			48	Lump Sum	Lump Sum		L.S.	Illumination System	Lump Sum			
17	1		1	Each	Special Manhole Adjustment - 35-47		1			49	535	535		S.Y.	Cement Conc. Driveway Entrance Type 1 Modified	535			
18	29		29	L.F.	PVC Sanitary Sewer Pipe 12 In. Diam.		29			50	Lump Sum	Lump Sum		L.S.	Type B Progress Schedule	Lump Sum			
SANITARY SEWER																			
19	180		180	L.F.	Ductile Iron Pipe for Water Main 6 In. Diam.			180		51	5	5		Each	Parallel Curb Ramp Type A	5			
20	86		86	L.F.	Ductile Iron Pipe for Water Main 8 In. Diam.			1		52	40	40		L.F.	Chain Link Fence Type 4	40			
21	1		1	Each	Gate Valve 6 Inch			1		53	Lump Sum	Lump Sum		L.S.	Roadway Surveying	Lump Sum			
22	Lump Sum		Lump Sum	L.S.	Connection to Existing at Sta. 6+11A					54	11	11		C.Y.	Structure Excavation Class A Incl. Haul	11			
23	Lump Sum		Lump Sum	L.S.	Connection to Existing at Sta. 7++19A					55	Lump Sum	Lump Sum		L.S.	Shoring or Extra Excavation Class B - Douglas County	Lump Sum			
24	Lump Sum		Lump Sum	L.S.	Connection to Existing at Sta. A 13+27					56	Lump Sum	Lump Sum	Lump Sum	L.S.	Shoring or Extra Trench Excavation - EWW		Lump Sum	Lump Sum	
25	1		7	L.S.	Connection to Existing at Sta. A 13+85			7		57	Lump Sum	Lump Sum		L.S.	Shoring or Extra Trench Excavation - DCSD			Lump Sum	
26	2		2	Each	Watermain Offset			2		58	158	158		S.F.	Concrete Block Wall	158			
27	1		2	L.S.	Abandonment of Terminated Water Facilities			2		59	5	5	5	Each	Pothole			5	
28	7		7	Each	Service Connection 1-1/2 In. Diam. With 5/8"x3/4" Setter			7		60	Lump Sum	Lump Sum		L.S.	SPCC Plan	Lump Sum			
29	5		5	Each	Double Service Connection 1-1/2 In. Diam. With 5/8"x3/4" Setters			5		61	7	7		Each	Mailbox Support Type 1	7			
30	2		2	Each	Adjust Water Service Lid to Finish Grade			2		62	3	3		Each	Mailbox Support Type 2	3			
31	300		300	L.F.	Service Line 2 In. Diam and Smaller			300		63	Lump Sum	Lump Sum		L.S.	ADA Feature Surveying	Lump Sum			
SURFACING																			
32	2550	2550		Ton	Crushed Surfacing Base Course	2,550				64	Lump Sum	Lump Sum		L.S.	Record Drawings (Minimum Bid \$1,000.00)	Lump Sum			
33	1630	1630		Ton	Crushed Surfacing Top Course	1,630				65	Lump Sum	Lump Sum		L.S.	Permanent Signing (HIP)	Lump Sum			
34	25	25		C.Y.	Cement Conc. Pavement	25				66	Lump Sum	Lump Sum		L.S.	Pavement Marking	Lump Sum			
										67	\$10,000.00	\$10,000.00		Est.	Force Account Landscape Repair	\$10,000.00			
										68	\$10,000.00		\$10,000.00	Est.	Minor Change			\$10,000.00	



NO.	REVISION	BY	DATE

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 DRAWN BY: DPN / GTP

**21st ST NE -
N Baker Ave to N Devon Ave**

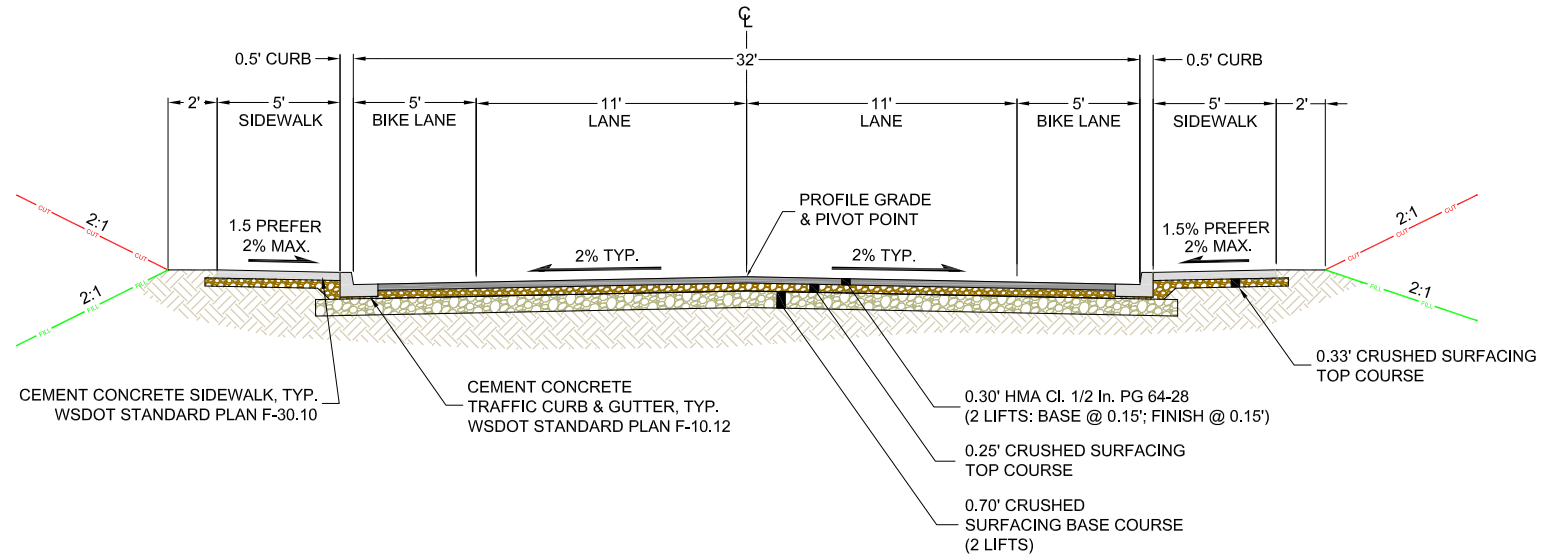


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SUMMARY OF QUANTITIES

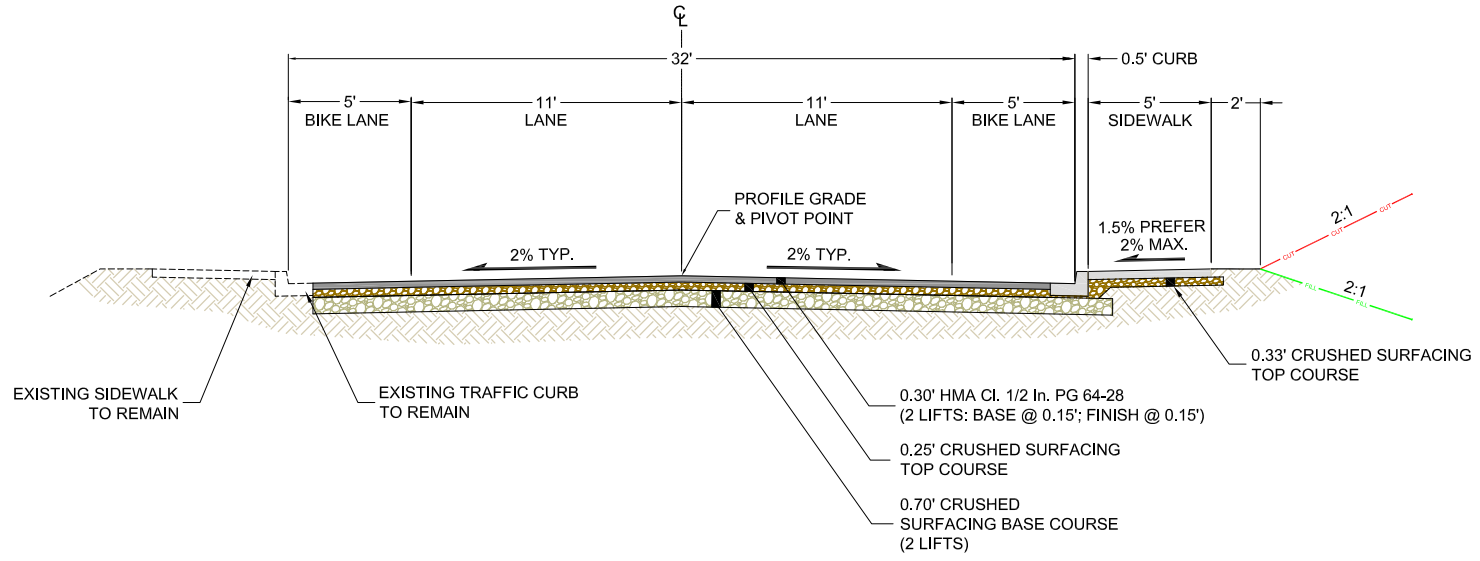
DRAWING NAME:
1011_SUM
PROJECT NO.
CRP 1011

C3
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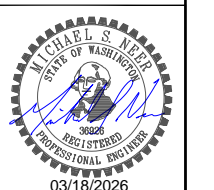
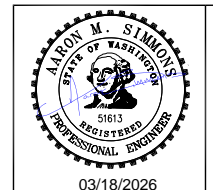
ROADWAY SECTION 1

STA A0+74 TO STA A11+75
STA A13+60 TO CURB RETURNS



ROADWAY SECTION 2

STA A11+75 TO STA A13+60



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**21st ST NE -
N Baker Ave to N Devon Ave**



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140 19th St. NW, E. Wenatchee, WA 98802 PH: (509) 884-7173

ROADWAY SECTIONS

DRAWING NAME:
1011_RDWY_SEC
PROJECT NO.
CRP 1011

C4
Sheet 4 of 22

DRIVEWAY SCHEDULE

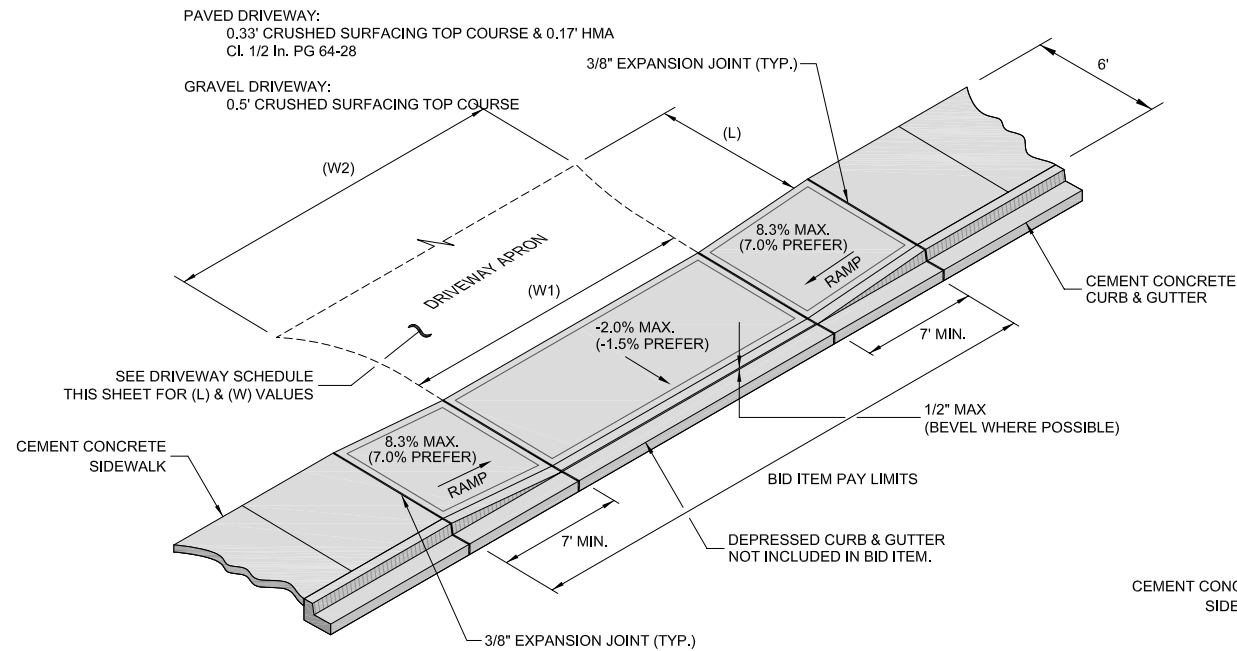
DRIVEWAY #	SHEET NUMBER	STATION	DRIVEWAY ENTRANCE WIDTH (W1) L.F.	MAXIMUM DRIVEWAY WIDTH (W2) L.F.	APRON LENGTH (L) L.F.			WSDOT ENTRANCE TYPE	ENTRANCE QUANT. (SQ. YDS.)	DRIVEWAY APRON QUANTITIES				NOTES
					CONC	HMA	CSTC			HMA (TON)	CSTC (TON)	CSBC (TON)	CONC. (SQ. YDS.)	
DW1	C6	A1+55 RT	40	12			8	TYPE 1 MODIFIED	34		4			DW1 AND DW3 SHARE DRIVEWAY ENTRANCE. SEPARATE APRONS.
DW2	C6	A1+75 LT	45	47	21		17	TYPE 1 MODIFIED	36		31		61	SINCLAIR AND WENATCHEE RECLAMATION DISTRICT SHARE ACCESS. REMOVE 16 L.F. OR EX SOLID WOOD FENCE.
DW3	C6	A1+80 RT	40	11			8	TYPE 1 MODIFIED	COMBINED W/ DW1		4			DW3 AND DW1 SHARE DRIVEWAY ENTRANCE. SEPARATE APRONS.
DW4	C6	A3+40 RT	30	30			8	TYPE 1 MODIFIED	20		9			TRAFFIC CURB BETWEEN DW4 AND DW5 ENTRANCES. LOWERED S/W.
DW5	C6	A3+85 RT	20	20			8	TYPE 1 MODIFIED	20		6			TRAFFIC CURB BETWEEN DW4 AND DW5 ENTRANCES. LOWERED S/W.
DW6	C6	A4+68 RT	20	20	3			TYPE 1 MODIFIED	23		2		7	SAW CUT 21 L.F. OF CONCRETE.
DW6.1	C7	A5+60 LT	30	30	3			TYPE 1 MODIFIED	19		4		12	EAST RAMP PANEL NOT INCLUDED IN THE DW6.1 ENTRANCE QUANTITY. SAW CUT 31 L.F. OF CONCRETE.
DW7	C7	A6+80 RT	30	20		10		TYPE 1 MODIFIED	29	3	5			SAW CUT 18 L.F. OF ASPHALT.
DW8	C7	A6+78 LT	30	30	2			TYPE 1 MODIFIED	29		3		8	MATCH CONC. APRON TO EXISTING CONC. DRIVEWAY SLAB.
DW9	C7	A7+40 LT	30	35			13	TYPE 1 MODIFIED	29		15			
DW10	C7	A8+06 RT	20	20	2			TYPE 1 MODIFIED	23		1		3	SAW CUT 20 L.F. OF CONCRETE.
DW11	C7	A8+35 LT	25	20			13	TYPE 1 MODIFIED	26		8			
DW12	C7	A8+55 RT	20	18	3			TYPE 1 MODIFIED	24		3		7	SAW CUT 19 L.F. OF CONCRETE.
DW13	C7	A9+08 LT	30	50			9	TYPE 1 MODIFIED	29		13			
DW14	C7	A9+12 RT	20	20	3			TYPE 1 MODIFIED	23		2		6	SAW CUT 20 L.F. OF CONCRETE.
DW15	C7	A9+62 RT	20	20	4			TYPE 1 MODIFIED	23		3		8	SAW CUT 20 L.F. OF CONCRETE.
DW16	C8	A10+06 LT	20	18			7	TYPE 1 MODIFIED	23		5			
DW17	C8	A10+30 RT	53	53	4			TYPE 1 MODIFIED	29		7		21	SAW CUT 53 L.F. OF CONCRETE.
DW18	C8	A10+80 LT	22	18		8		TYPE 1 MODIFIED	24	2	3			SAW CUT 18 L.F. OF ASPHALT.
DW19	C8	A11+46 LT	18	18			7	TYPE 1 MODIFIED	25		5			
DW20	C8	A11+88 RT	20	20	4			TYPE 1 MODIFIED	23		3		8	SAW CUT 20 L.F. OF CONCRETE.
DW21	C8	A13+12 RT	20	20	4			TYPE 1 MODIFIED	23		3		8	SAW CUT 20 L.F. OF CONCRETE.
TOTALS:									534	5	139		149	

DRIVEWAY SECTION DEPTHS:

PAVED DRIVEWAY:
0.33' CRUSHED SURFACING TOP COURSE & 0.17' HMA
CL. 1/2 In. PG 64-28

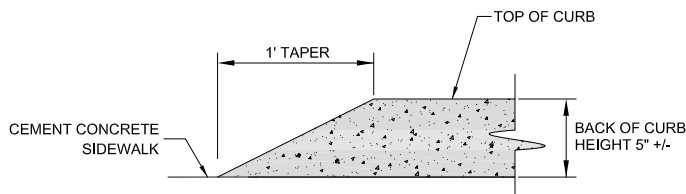
GRAVEL DRIVEWAY:
0.5' CRUSHED SURFACING TOP COURSE

CONCRETE DRIVEWAY:
0.5' CRUSHED SURFACING TOP COURSE
0.5' CEMENT CONCRETE AT 4000 PSI
#4 REBAR AT 24" O.C. EACH WAY (DW2 ONLY)

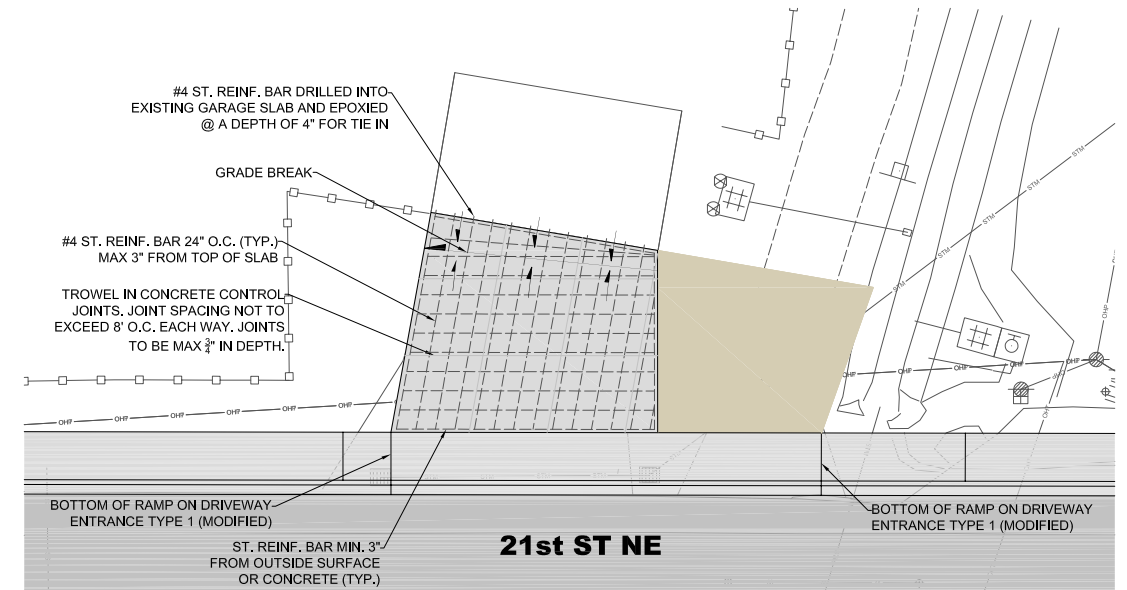


CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 1 (MODIFIED)
NOT TO SCALE

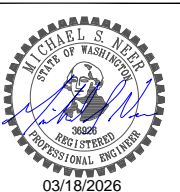
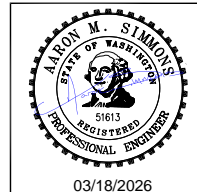
NOTE:
THE CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 1 HAS BEEN REVISED FROM THE WSDOT STANDARD PLAN F-80.10. DELETED FROM THE STANDARD PLAN FOR TYPE 1 MODIFIED IS PEDESTRIAN CURB AND THE CONCRETE DRIVEWAY APRON. THE CONTRACTOR SHALL REFERENCE ALL CONSTRUCTION NOTES ON WSDOT STANDARD PLAN F-80.10 PERTAINING TO DRIVEWAY ENTRANCES.
CONCRETE DRIVEWAY APRONS PAID BY "CEMENT CONC. PAVEMENT"



A C6 CURB TRANSITION FROM FLUSH TO FULL HEIGHT
NOT TO SCALE



SINCLAIR RESIDENCE DRIVEWAY (DW2) PLAN VIEW
NOT TO SCALE



03/18/2026

03/18/2026

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DESIGNER: DPN
DRAWN BY: DPN

**21st ST NE -
N Baker Ave to N Devon Ave**



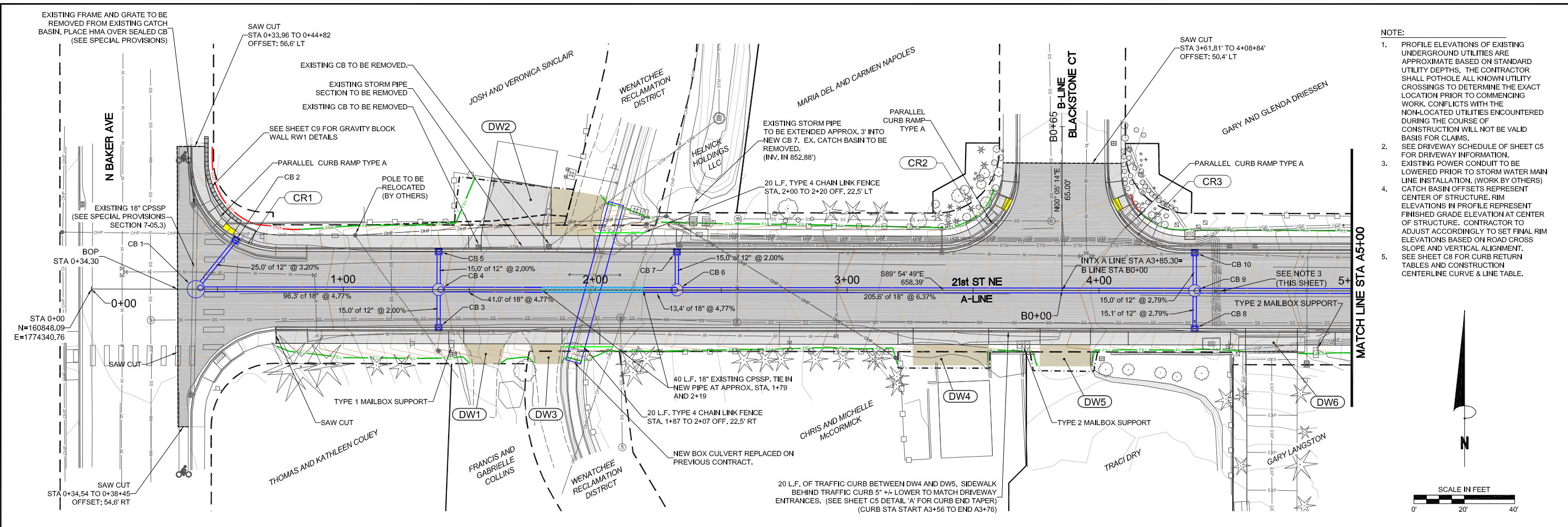
DOUGLAS COUNTY
TRANSPORTATION & LAND SERVICES
140 19th St. NW, E. Wenatchee, WA 98802 PH: (509) 884-7173

**DRIVEWAY SCHEDULE AND
DRIVEWAY AND SIDEWALK DETAILS**

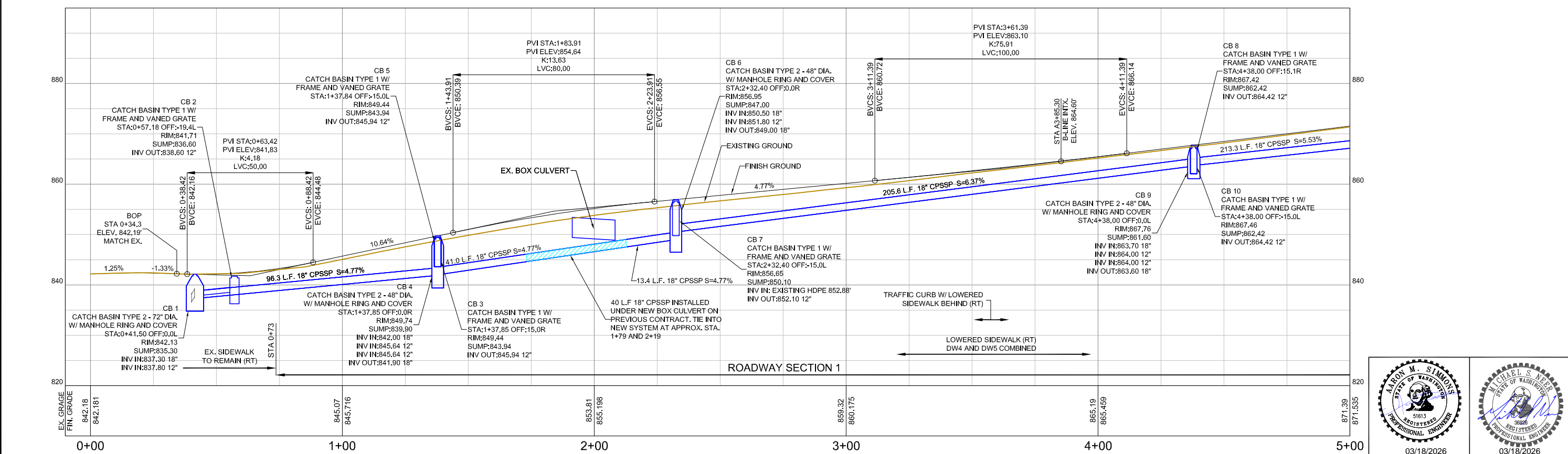
DRAWING NAME:
1011_DW-SW

PROJECT NO.
CRP 1011

C5



- NOTE:
1. PROFILE ELEVATIONS OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE BASED ON STANDARD UTILITY DEPTHS. THE CONTRACTOR SHALL POTHOLE ALL KNOWN UTILITY CROSSINGS TO DETERMINE THE EXACT LOCATION PRIOR TO COMMENCING WORK. CONFLICTS WITH THE NON-LOCATED UTILITIES ENCOUNTERED DURING THE COURSE OF CONSTRUCTION WILL NOT BE VALID BASIS FOR CLAIMS.
 2. SEE DRIVEWAY SCHEDULE OF SHEET C5 FOR DRIVEWAY INFORMATION.
 3. EXISTING POWER CONDUIT TO BE LOWERED PRIOR TO STORM WATER MAIN LINE INSTALLATION. (WORK BY OTHERS)
 4. CATCH BASIN OFFSETS REPRESENT CENTER OF STRUCTURE. RIM ELEVATIONS IN PROFILE REPRESENT FINISHED GRADE ELEVATION AT CENTER OF STRUCTURE. CONTRACTOR TO ADJUST ACCORDINGLY TO SET FINAL RIM ELEVATIONS BASED ON ROAD CROSS SLOPE AND VERTICAL ALIGNMENT.
 5. SEE SHEET C8 FOR CURB RETURN TABLES AND CONSTRUCTION CENTERLINE CURVE & LINE TABLE.



03/18/2026

03/18/2026

NO.	REVISION	BY	DATE

PLOT DATE: 3-17-26
 DESIGNER: DPN
 DRAWN BY: DPN

21st ST NE - N Baker Ave to N Devon Ave



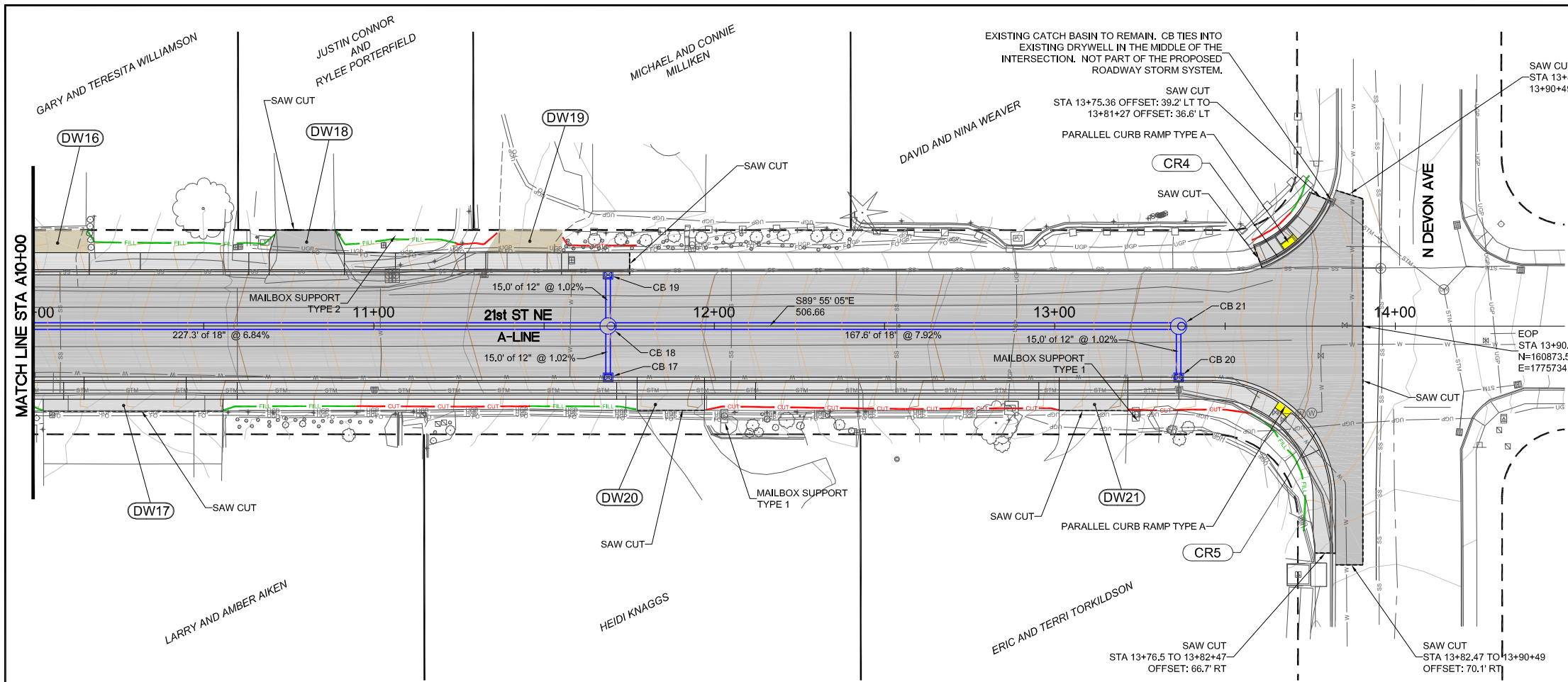
**PLAN AND PROFILE
(BOP) STA A0+34 TO A5+00**

DRAWING NAME:
1011_DW-SW

PROJECT NO.
CRP 1011

C6

Sheet 6 of 22



CURB RETURN TABLE CR1			
POINT	STA	OFFSET	ELEV
PC	A0+39.33	51.00' LT	842.55'
1/4	A0+41.99	37.61' LT	842.31'
1/2	A0+49.58	26.26' LT	841.78'
3/4	A0+60.93	18.67' LT	841.83'
PT	A0+74.33	16.01' LT	842.91'

FLOW LINE RADIUS = 35.0'

CURB RETURN TABLE CR2			
POINT	STA	OFFSET	ELEV
PC	A3+37.31	16.00' LT	861.75'
1/4	A3+48.80	18.29' LT	862.51'
1/2	A3+58.54	24.81' LT	863.22'
3/4	A3+65.04	34.56' LT	863.40'
PT	A3+67.31	46.05' LT	863.16'

FLOW LINE RADIUS = 30.0'

CURB RETURN TABLE CR3			
POINT	STA	OFFSET	ELEV
PC	A4+03.35	45.96' LT	863.39'
1/4	A4+05.64	34.49' LT	864.07'
1/2	A4+12.15	24.77' LT	865.12'
3/4	A4+21.88	18.28' LT	866.21'
PT	A4+33.35	16.00' LT	867.17'

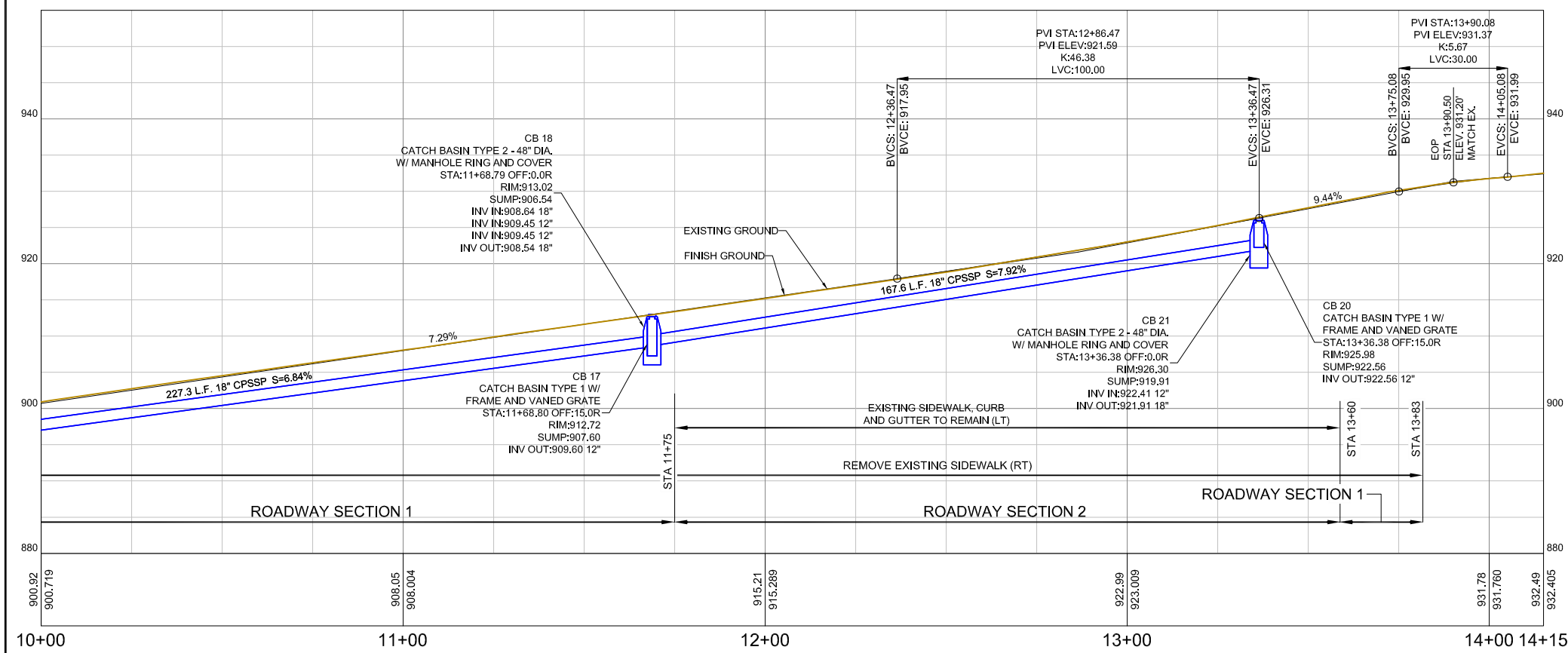
FLOW LINE RADIUS = 30.0'

CURB RETURN TABLE CR4			
POINT	STA	OFFSET	ELEV
PC	A13+60.48	18.20' LT	928.39'
1/2	A13+72.33	25.57' LT	929.62'
PT	A13+80.35	36.98' LT	930.84'

FLOW LINE RADIUS = 35.0'

CURB RETURN TABLE CR5			
POINT	STA	OFFSET	ELEV
PC	A13+46.41	16.00' RT	926.92'
1/4	A13+59.81	18.66' RT	928.38'
1/2	A13+71.16	26.25' RT	929.85'
3/4	A13+78.75	37.61' RT	931.19'
PT	A13+81.41	51.00' RT	932.39'

FLOW LINE RADIUS = 35.0'



NO.	REVISION	BY	DATE

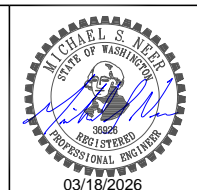
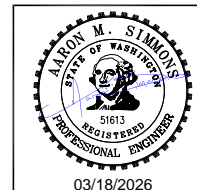
PLOT DATE: 3-17-26
 DESIGNER: DPN
 DRAWN BY: DPN

21st ST NE - N Baker Ave to N Devon Ave



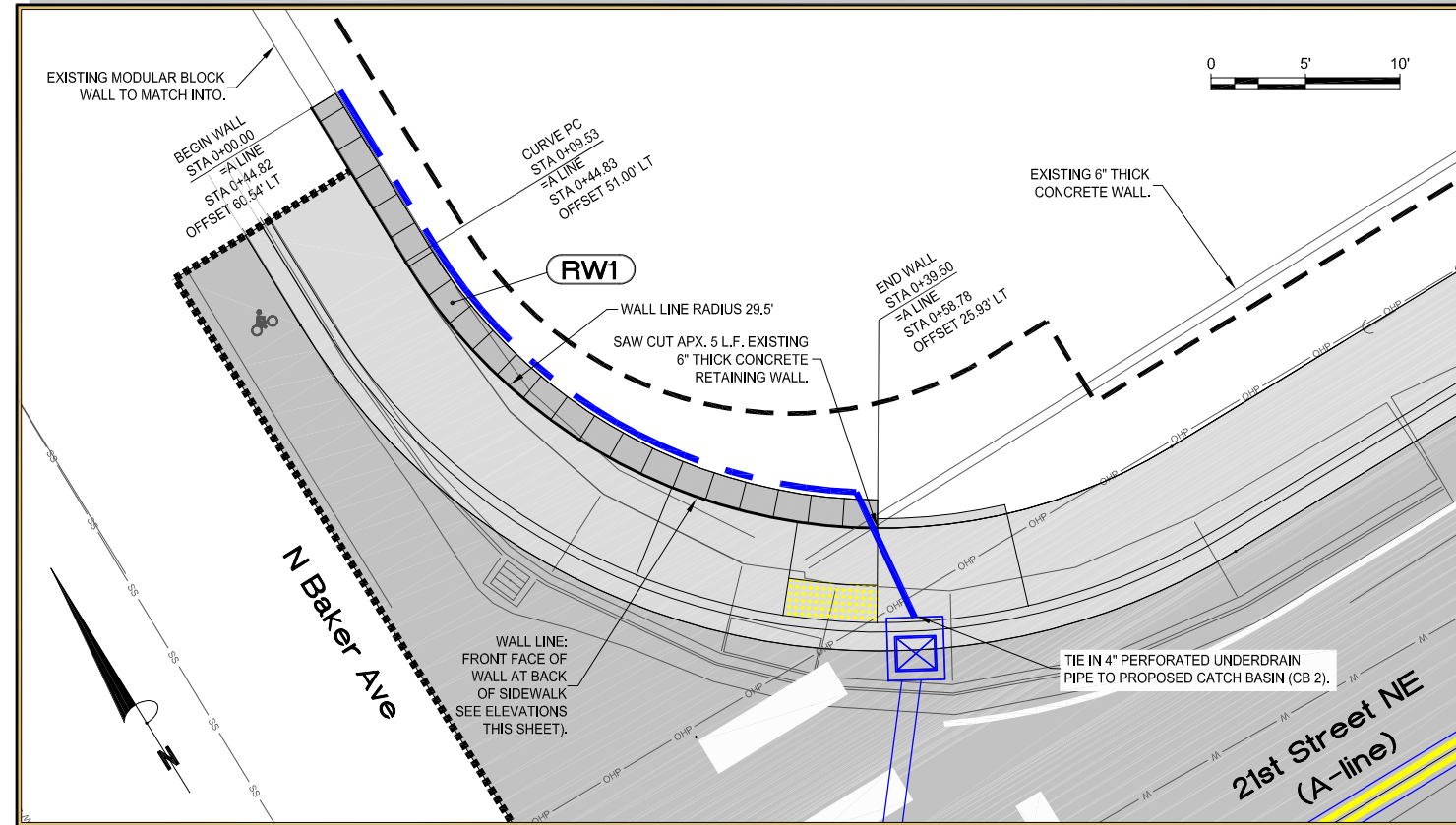
PLAN AND PROFILE
STA A10+00 TO (EOP) A13+91

DRAWING NAME:
1011_DW-SW
 PROJECT NO.
CRP 1011
 Sheet 8 of 22

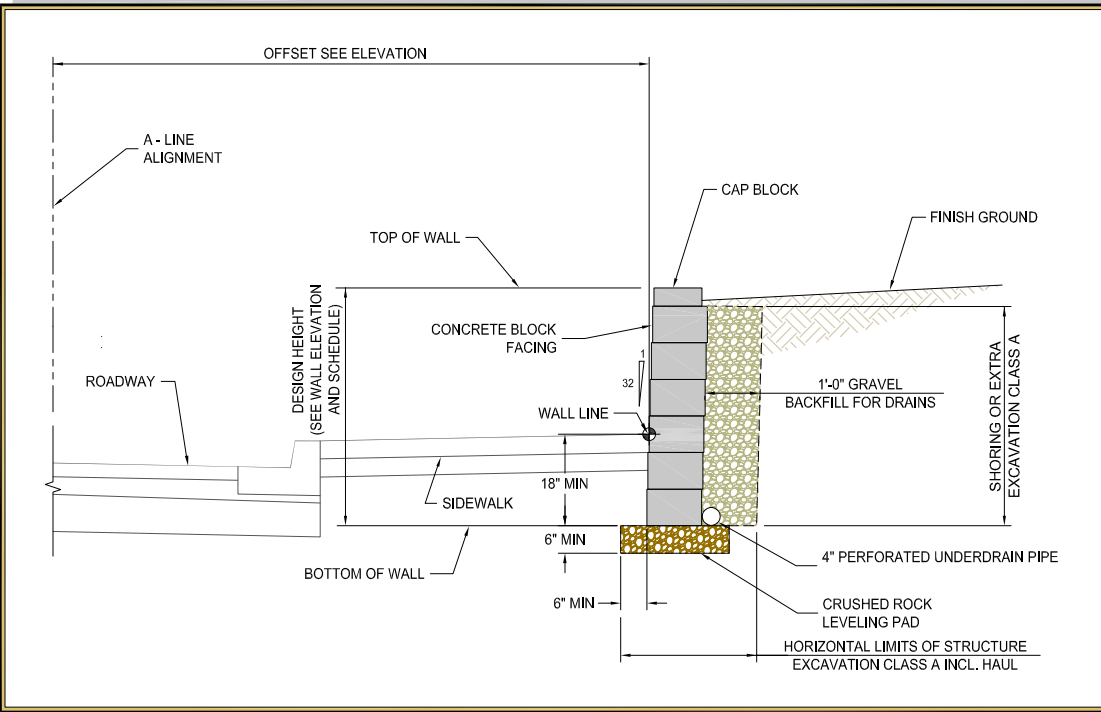


C8

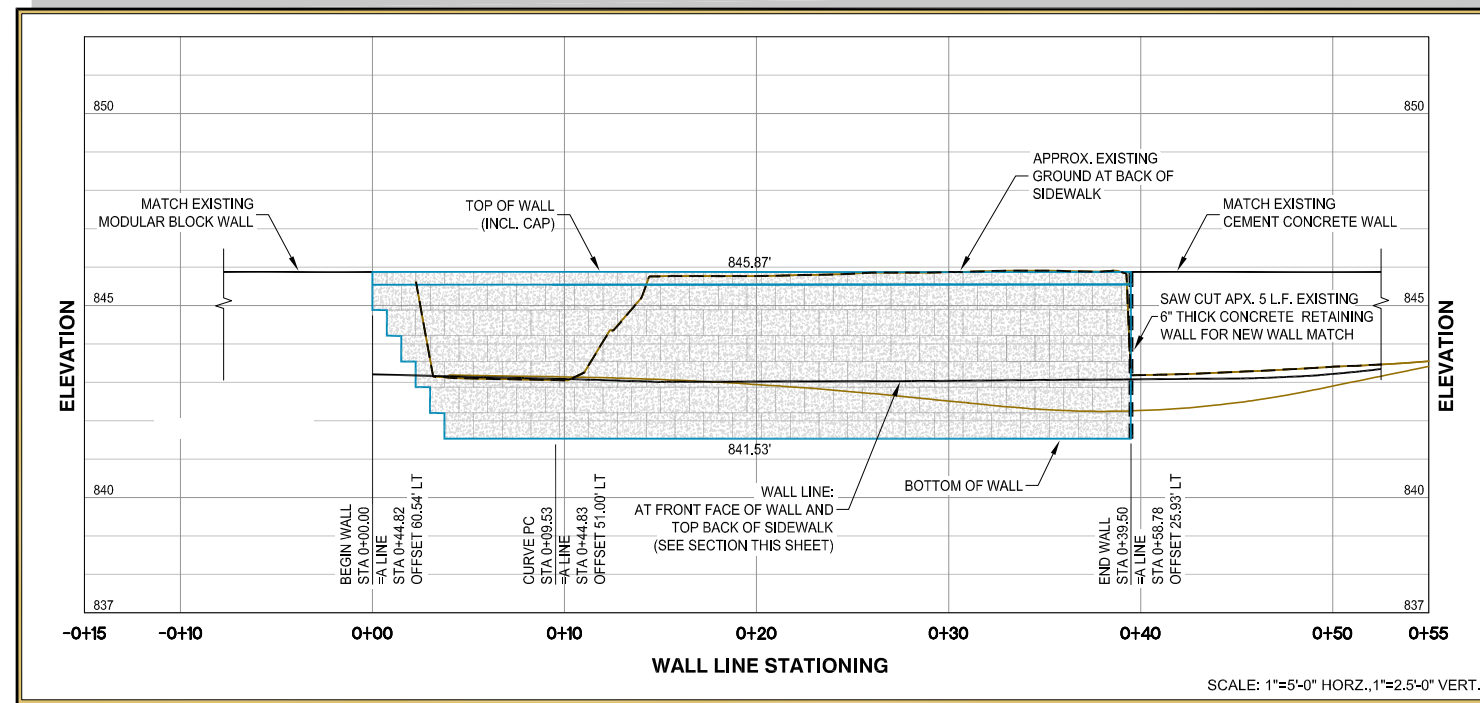
GRAVITY BLOCK WALL RW1 - PLAN



GRAVITY BLOCK WALL (TYPE 1) RW1 - SECTION TYP.



GRAVITY BLOCK WALL RW1 - ELEVATION



GRAVITY BLOCK WALL RW1 - SCHEDULE

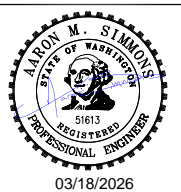
WALL NAME	SHEET NUMBER	WALL AREA, SEE NOTE 1 (SF)	WALL TYPE	APPROX. STRUCTURE EXCAVATION CLASS A, SEE NOTE 2 (CY)	APPROX. GRAVEL BACKFILL FOR DRAINS (CY)	WALL LENGTH (FT)	MAXIMUM WALL HEIGHT (FT)	PEDESTRIAN BARRIER RAIL (LF)
RW1	C6	164	1	11	6	39.5	4.4	N/A

WALL SCHEDULE NOTES:

- TOTAL WALL AREA = PROJECTED VERTICAL SURFACE AREA.
- QUANTITIES FOR EXCAVATION AND BACKFILL ARE BASED ON THE SOIL REINFORCEMENT LENGTHS AND HORIZONTAL DEPTHS OF BACKFILL SHOWN IN THE PLANS.
- ALL INFORMATION IN SCHEDULE IS APPROXIMATE AND FOR BIDDING PURPOSES ONLY.

GRAVITY BLOCK WALL RW1 - NOTES

- ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION DATED 2025 AND SPECIAL PROVISIONS.
- CONCRETE FACING BLOCKS SHALL HAVE FRONT FACE DIMENSIONS 8" TALL x 18" LONG AND A MINIMUM DEPTH OF 12". FRONT FACE OF CONCRETE BLOCKS SHALL BE STRAIGHT, WITH A CONVENTIONAL "SPLIT FACE" FINISH. COLOR SHALL BE GRAY.
- CONCRETE BLOCK FACING SHOWN BATTERED AT 1H:32V. OR "NEAR VERTICAL." MAXIMUM BATTER SHALL NOT BE MORE THAN 2 DEGREES FROM PLUMB.
- ALL WALL ELEVATIONS REPRESENT DEVELOPED CONDITIONS.
- ALL WALL LENGTHS MEASURED ALONG FRONT FACE OF WALL AT THE WALL LINE.
- STATION AND OFFSET INFO FOR BIDDING PURPOSES ONLY. ACTUAL STATION AND OFFSET INFO TO BE STAKED FROM PROFILE DATA AND FIELD CONDITIONS.
- PRIOR TO COMPLETION OF THE WALLS, THE CONTRACTOR SHALL VERIFY THE FINISHED WALL HEIGHTS WITH THE ENGINEER. THE CONTRACTOR SHALL STAKE THE PROPOSED TOP BACK OF SIDEWALK FOR REFERENCE TO CONSTRUCT WALLS.



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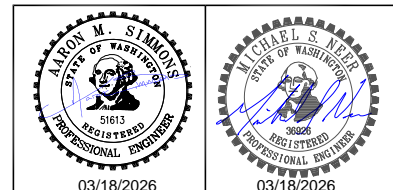
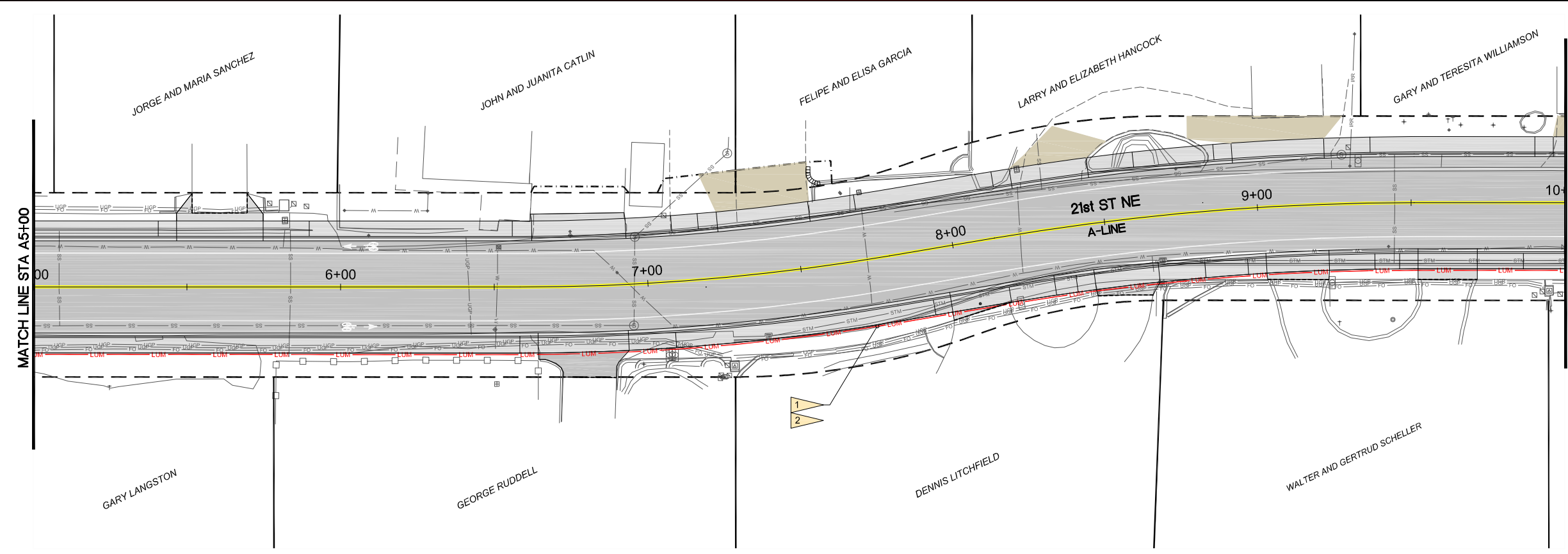
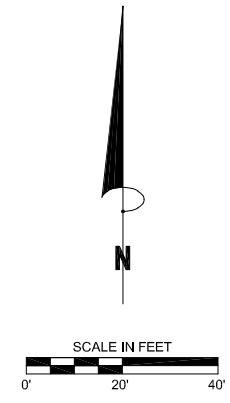
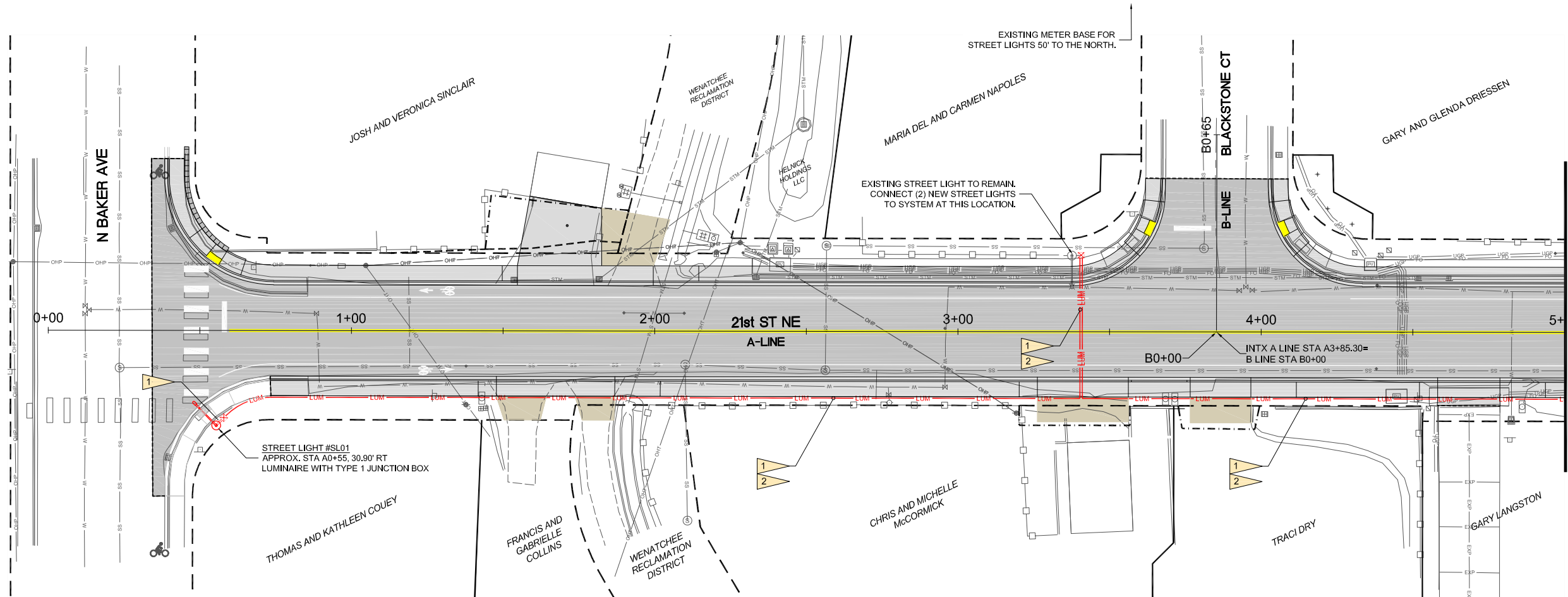
**21st ST NE -
 N Baker Ave to N Devon Ave**



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 TRANSPORTATION & LAND SERVICES
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**GRAVITY BLOCK WALL RW1
 PLAN, ELEVATION, SECTION,
 AND SCHEDULE**

DRAWING NAME:
 1011_WALL
 PROJECT NO.
 CRP 1011
C9
 Sheet 9 of 22



NO.	REVISION	BY	DATE

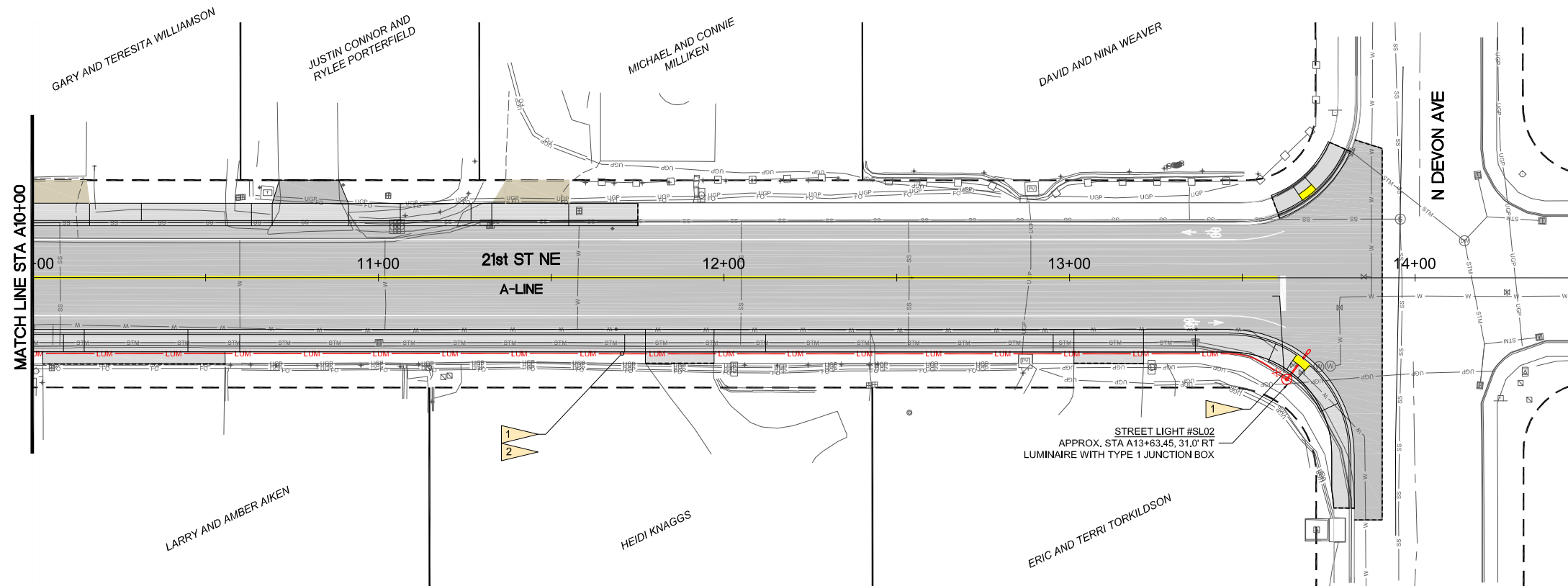
PLOT DATE: 3-17-26
 DESIGNER: DPN
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**21st St NE -
 N Baker Ave to N Devon Ave**



**ILLUMINATION PLAN
 (BOP) STA A0+00 TO A10+00**

DRAWING NAME:
1011_ILLUM
 PROJECT NO.
CRP 1011
C10
 Sheet 10 of XX



ILLUMINATION NOTES

1. THE ITEM *ILLUMINATION SYSTEM COMPLETE* SHALL INCLUDE FURNISHING, INSTALLING AND FIELD TESTING ALL MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE IN PLACE, FULLY FUNCTIONAL ILLUMINATION SYSTEM INCLUDING, BUT NOT LIMITED TO, FOUNDATIONS, LUMINAIRE POLES, LUMINAIRES, CONDUIT, LAMPS, WIRING, COMPLETE CIRCUITS, TRANSFORMER, SERVICE CABINET, CIRCUIT BREAKER, PHOTOCELLS, PERMITS, AND DCPUD SERVICE REQUESTS.
2. POWER SHALL COME FROM AN EXISTING DCPUD TRANSFORMER. PERMIT FEES AND COORDINATION ARE TO BE COMPLETED AND PAID FOR BY THE CONTRACTOR.
3. ALL LUMINAIRES SHALL HAVE CONTINUOUS NIGHT-TIME OPERATION WITH PHOTOCELL OPERATION FOR SUNSET TURN-ON AND SUNRISE TURN-OFF.
4. LUMINAIRES, JUNCTION BOXES, AND RACEWAY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY SITE CONDITIONS AND DESIGN INFORMATION.
5. LUMINAIRE POLES SHALL HAVE GROUNDING LUG.
6. LUMINAIRE HOUSING AND DOOR SHALL BE CONSTRUCTED OF HEAVY DUTY, DIE-CAST ALUMINUM.
7. THE LUMINAIRE HOUSING DOOR SHALL HAVE TOOL-LESS ENTRY.
8. THE LUMINAIRE SHALL HAVE 3G VIBRATION RATING.
9. LED MODULES SHALL BE IP66 RATED.
10. ALL PVC CONDUITS SHALL BE SCHEDULE 80.

LUMINAIRE SCHEDULE

Street Light #	Circuit	Pole Type	Pole Height (LF)	Mast Arm Length (LF)	Base Type	Foundation Type	Lamp Type	Fixture Type	Driver Dimming	Optics Distrib'n	House-Side Shielding	Head/Pole Color	Notes
SL01	A	Davit Style	30	8	Fixed	B	LED	Cobra Head	Yes	Type III	Yes	Gray (Std)	Include NEMA Twistlock Photocontrol Receptacle
SL02	A	Davit Style	30	8	Fixed	B	LED	Cobra Head	Yes	Type III	Yes	Gray (Std)	

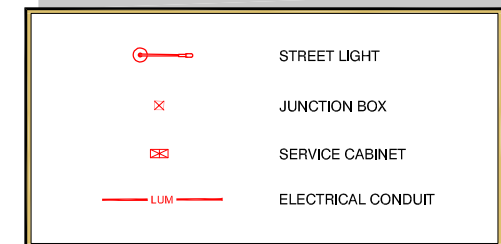
NOTE:

1. POLES SHALL BE STANDARD ALUMINUM FINISH.
2. COBRA-HEAD TYPE FIXTURES SHALL BE 3000K COLOR TEMPERATURE

ILLUMINATION

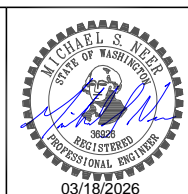
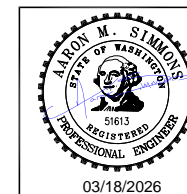
RUN	CONDUIT SIZE	WIRE SIZE	CIRCUIT #	USE
1	2"	(2) 8"	A	LUMINAIRE
2	2"	PULL CORD	-	SPARE

LEGEND



STANDARD PLAN REFERENCES

1. LUMINAIRE POLES SHALL BE PER WSDOT STANDARD PLAN J-28.10.
2. LUMINAIRE BASES SHALL BE PER WSDOT STANDARD PLANS J-28.24.
3. LUMINAIRE FOUNDATIONS SHALL BE PER WSDOT STANDARD PLAN J-28.30.
4. JUNCTION BOXES SHALL BE PER WSDOT STANDARD PLAN J-40.10.
5. ELECTRICAL CONDUIT TRENCHING SHALL BE PER WSDOT STANDARD SPECIFICATIONS SECTION 8-20.3(5)D



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**21st ST NE -
 N Baker Ave to N Devon Ave**

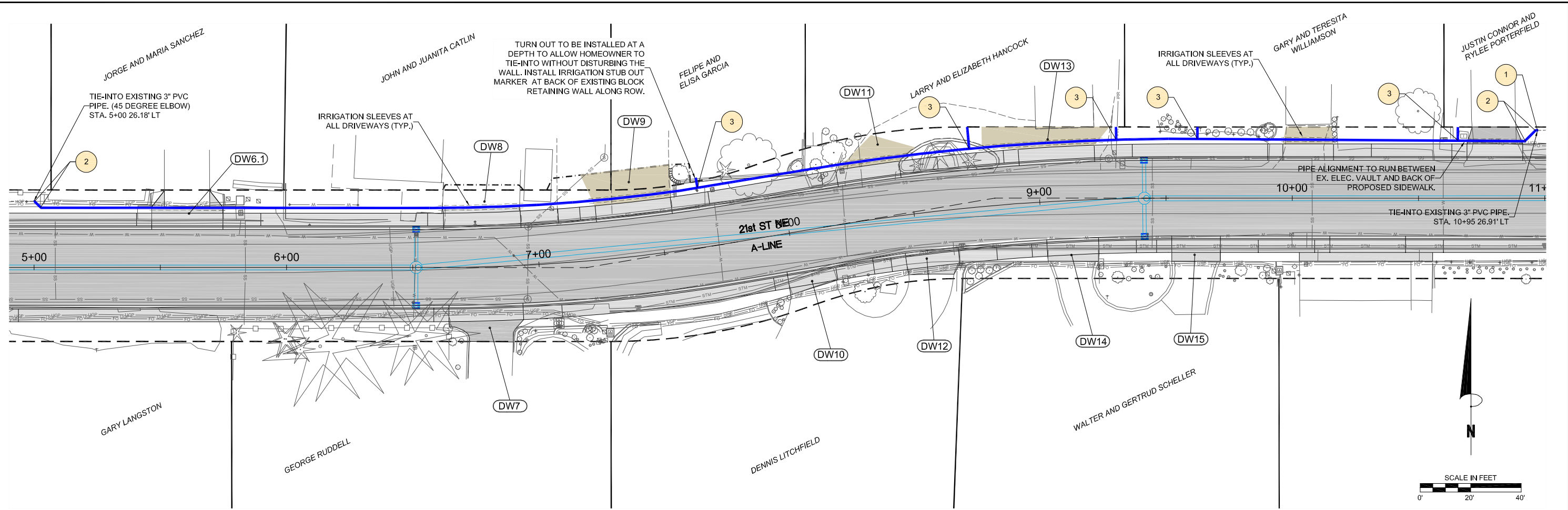


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**ILLUMINATION PLAN
 STA A10+00 TO (EOP) A13+91**

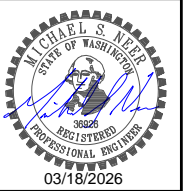
DRAWING NAME:
 1011_ILLUM
 PROJECT NO.
 CRP 1011

C11



LEGEND	
	3" SCH. 40 PVC PIPE
	6" C900 PVC PIPE (IRR. SLEEVE AT DRIVEWAYS)
	3" SCH. 40 COMPRESSION COUPLER
	3" SCH. 40 PVC 45 DEGREE ELBOW
	3" SCH. 40 PVC 3" x 3" x 1-1/4" TEE TO 1-1/4" PVC PVC PIPE (TURNOUT)

IRRIGATION NOTES	
1.	THE ITEM #28 IRRIGATION SYSTEM SHALL INCLUDE FURNISHING, INSTALLING ALL MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE IN PLACE.
2.	ALL IRRIGATION PIPE SHALL BE BURIED 24" BEHIND THE PROPOSED BACK OF SIDEWALK AT A DEPTH OF 24" (MIN.) TO 30" (MAX.).
3.	AFTER INSTALLATION OF 3" IRRIGATION PIPE INTO PIPE SLEEVE, FILL EACH END WITH EXPANDING FOAM TO KEEP MATERIAL OUT.
4.	CONTRACTOR TO INSTALL 1-1/4" PVC TURNOUT PIPE AND CAP END AT EXISTING ROW, OR UNLESS OTHERWISE NOTED.
5.	CONTRACTOR SHALL USE 1-1/4" SCH. 40 PVC PIPE AS A VERTICAL STUB OUT MARKER TO LOCATE END OF TURNOUT PIPE AT ROW. STUB OUT PIPE TO EXTRUDE 6" ABOVE FINISH GRADE AND BE CAPPED.
6.	ALL GLUES AND FITTINGS SHALL CONFORM TO INDUSTRY STANDARDS.
7.	USE NATIVE MATERIAL FOR PIPE ZONE BEDDING. REMOVE ANY LARGE ROCKS PRIOR TO BACKFILL AND COMPACTION.
8.	THE IRRIGATION SHALL BE DISCONNECTED FOR A DURATION OF ONLY ONE WORK WEEK.



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**21st ST NE -
 N Baker Ave to N Devon Ave**

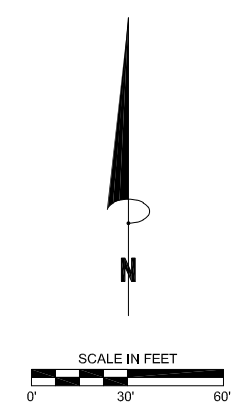
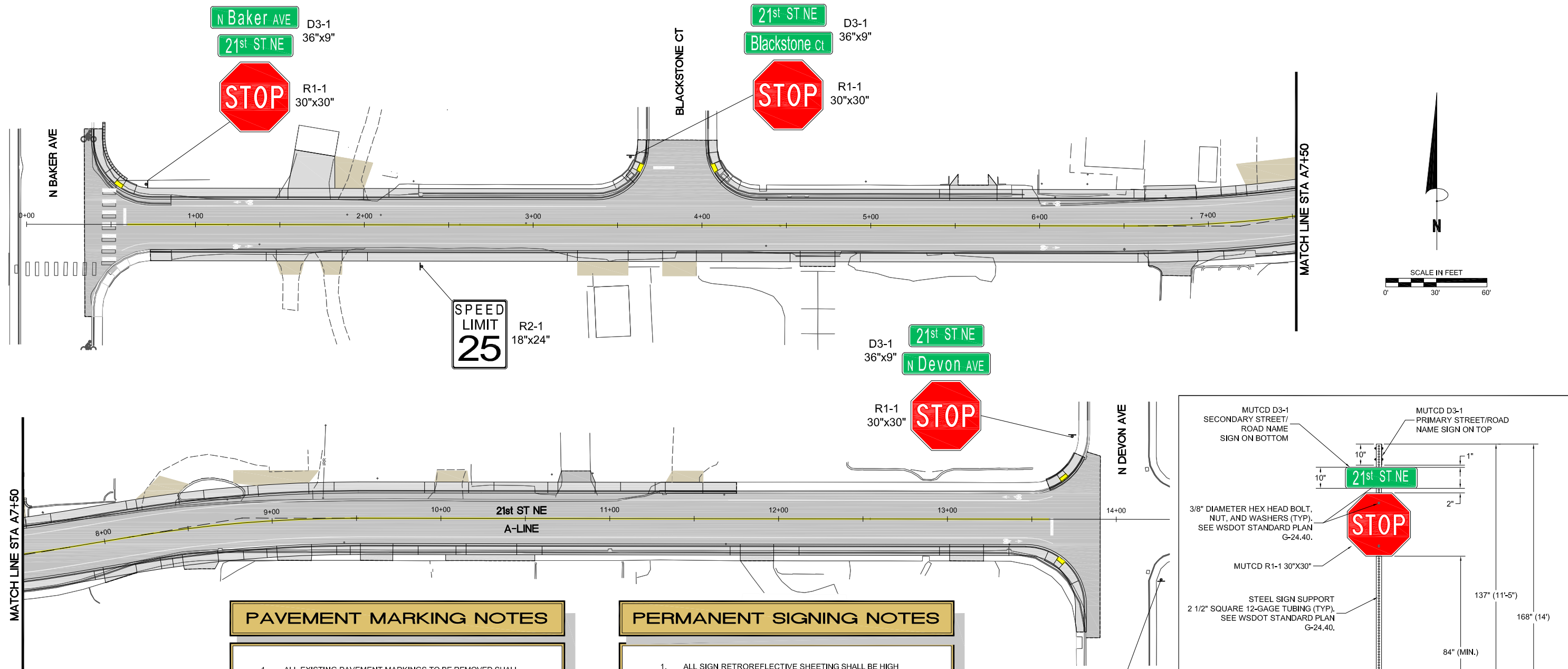


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**NE 21st ST WATER ASSOCIATION
 (NSWA) PRIVATE IRRIGATION
 STA A5+00 TO 10+95**

DRAWING NAME:
 1011_IRR_PLAN
 PROJECT NO.
 CRP 1011

C12
 Sheet 12 of 22

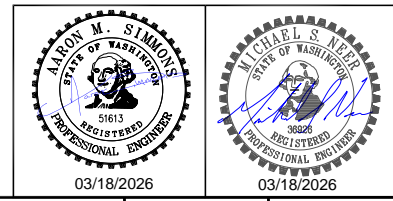
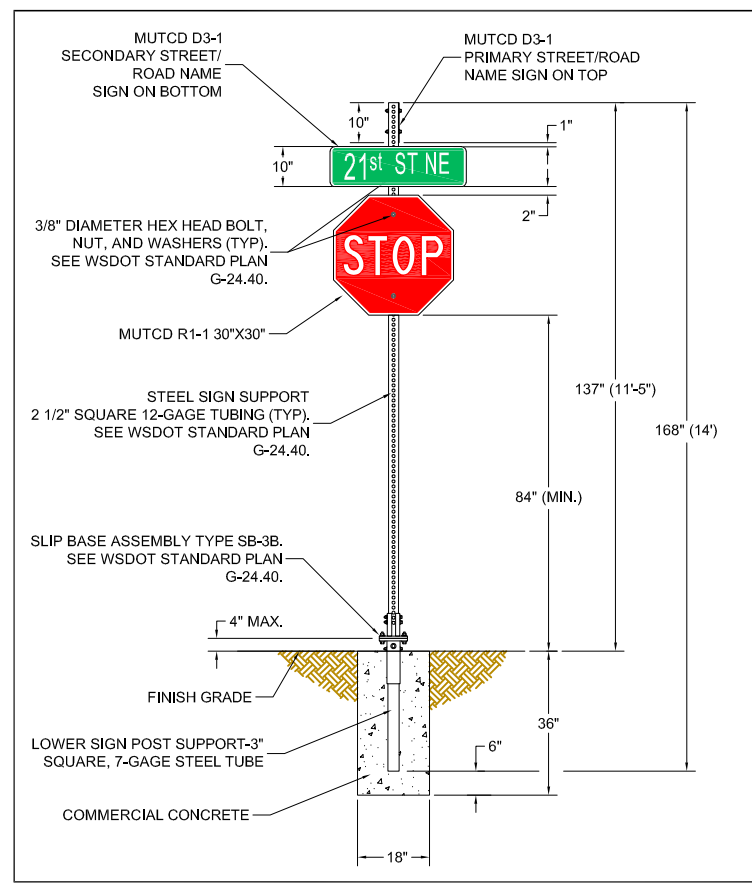


- ### PAVEMENT MARKING NOTES
- ALL EXISTING PAVEMENT MARKINGS TO BE REMOVED SHALL BE COORDINATED WITH PROJECT MANAGER OR ON-SITE INSPECTOR PRIOR TO REMOVAL. NO GRINDING PERMITTED.
 - ALL CROSSWALK LINES, STOP LINES, AND BICYCLE LANE SYMBOLS SHALL BE TYPE-B PRE-FORMED FUSED THERMOPLASTIC.
 - ALL LONGITUDINAL PAVEMENT MARKING LINES SHALL HAVE GLASS BEAD PER THE 2025 WSDOT STANDARD SPECIFICATIONS MANUAL.

- ### PERMANENT SIGNING NOTES
- ALL SIGN RETROREFLECTIVE SHEETING SHALL BE HIGH INTENSITY PRISMATIC (HIP).
 - ALL SIGN POSTS SHALL BE 2-1/2" SQUARE 12-GUAGE STEEL TUBE AS PER WSDOT STANDARD PLAN G-24.40. SEE STANDARD PLANS FOR HEIGHT REQUIREMENTS.
 - ALL SIGNS SHALL BE DIRECTLY SECURED TO POSTS WITH BOLTS. NO RIVETING OR BRACKETS PERMITTED.
 - ALL SIGNS SHALL HAVE A SLIP BASE ASSEMBLY TYPE SB-3B AS PER WSDOT STANDARD PLAN G-24.40.
 - ALL STEEL SIGN SUPPORT FOUNDATIONS SHALL BE INSTALLED PER WSDOT STANDARD PLAN G-24.40.
 - SEE DETAIL "STREET/ROAD NAME SIGN MOUNTED ABOVE STOP SIGN DETAIL" FOR STOP SIGN AND STREET SIGN MOUNTING INSTRUCTIONS.
 - ALL EXISTING SIGNS AND SIGN POSTS SHALL BE REMOVED AND STOCKPILED IN THE CONSTRUCTION STAGING AREA. THE CONTRACTOR SHALL NOT DAMAGE THE SIGNS AND SIGN POSTS. COORDINATE WITH DOUGLAS COUNTY SIGN SHOP CREW FOR THEIR PICK UP AND REMOVAL OFF-SITE.
 - ALL SIGN LOCATIONS SHALL BE VERIFIED BY THE COUNTY ENGINEER PRIOR TO FINAL INSTALLATION.

PAVEMENT MARKING LEGEND

	DOUBLE YELLOW CENTERLINE		CROSSWALK LINES
	EDGE AND LANE LINE		PERMANENT SIGN
	STOP LINE		
	BICYCLE LANE SYMBOL		



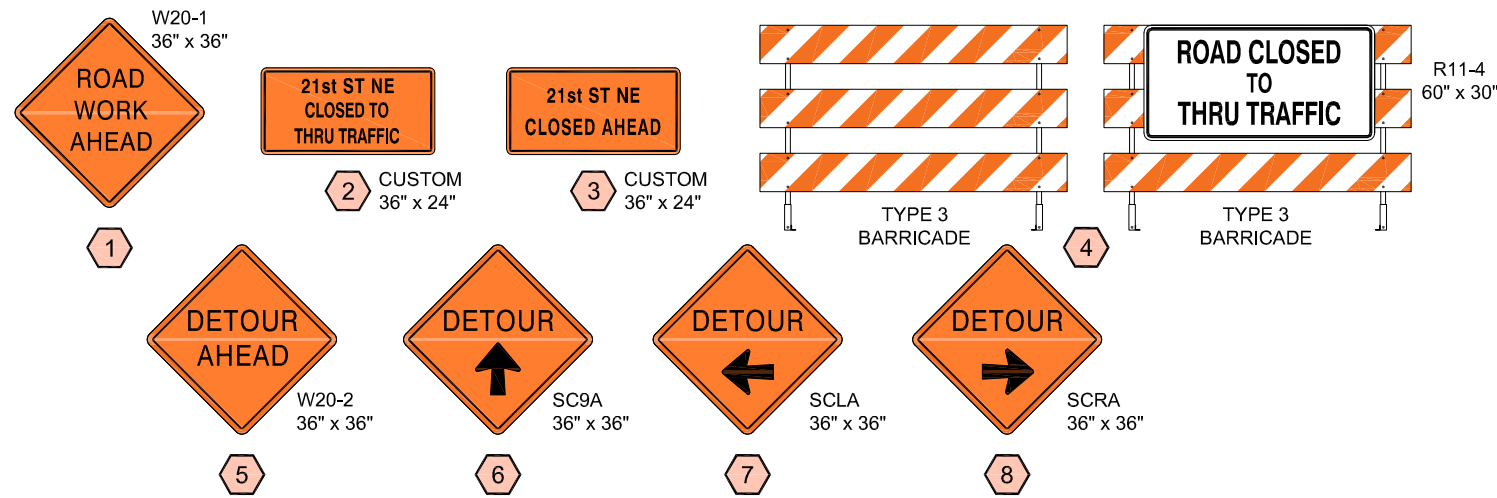
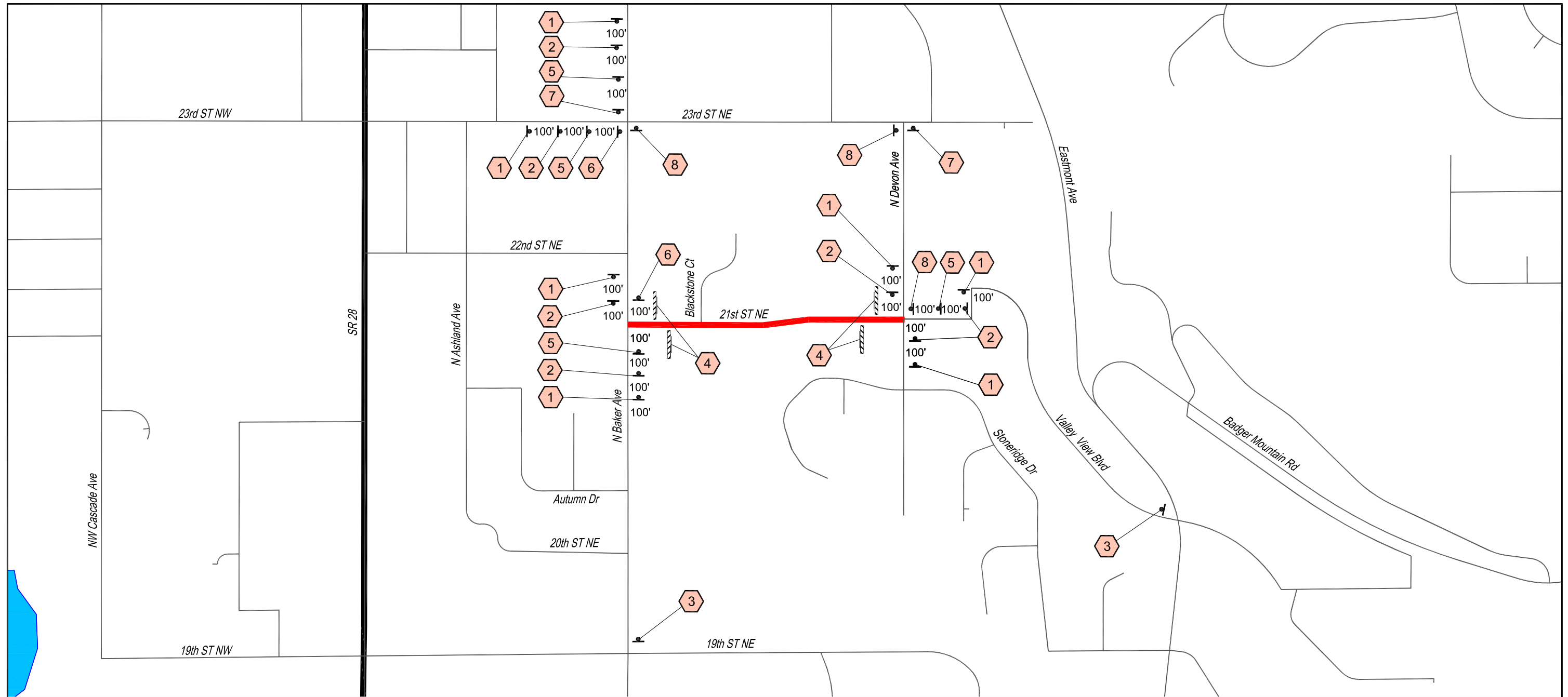
NO.	REVISION	BY	DATE	PLOT DATE:	3-17-26
				DESIGNER:	DPN
				DRAWN BY:	DPN / GTP

**21st ST NE -
N Baker Ave to N Devon Ave**



**PAVEMENT MARKING
AND
PERMANENT SIGNING PLAN**

DRAWING NAME:
1011_PAVE_PERM
C13
PROJECT NO.
CRP 1011
Sheet 13 of 22



NOTES:

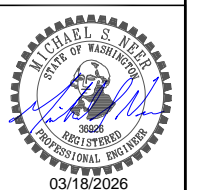
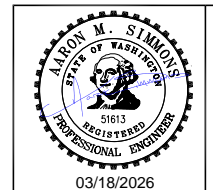
1. Construction signs shown are Class A unless otherwise specified.
2. Each R11-4 sign shall be placed on its own Type 3 Barricade.
3. The Contractor shall maintain signs during the duration of the project.
4. All spacing may be adjusted to accommodate intersections and driveways. Coordinate with the Engineer.

LEGEND:

Project Corridor

Type 3 Barricade

Class A Sign



NO.	REVISION	BY	DATE

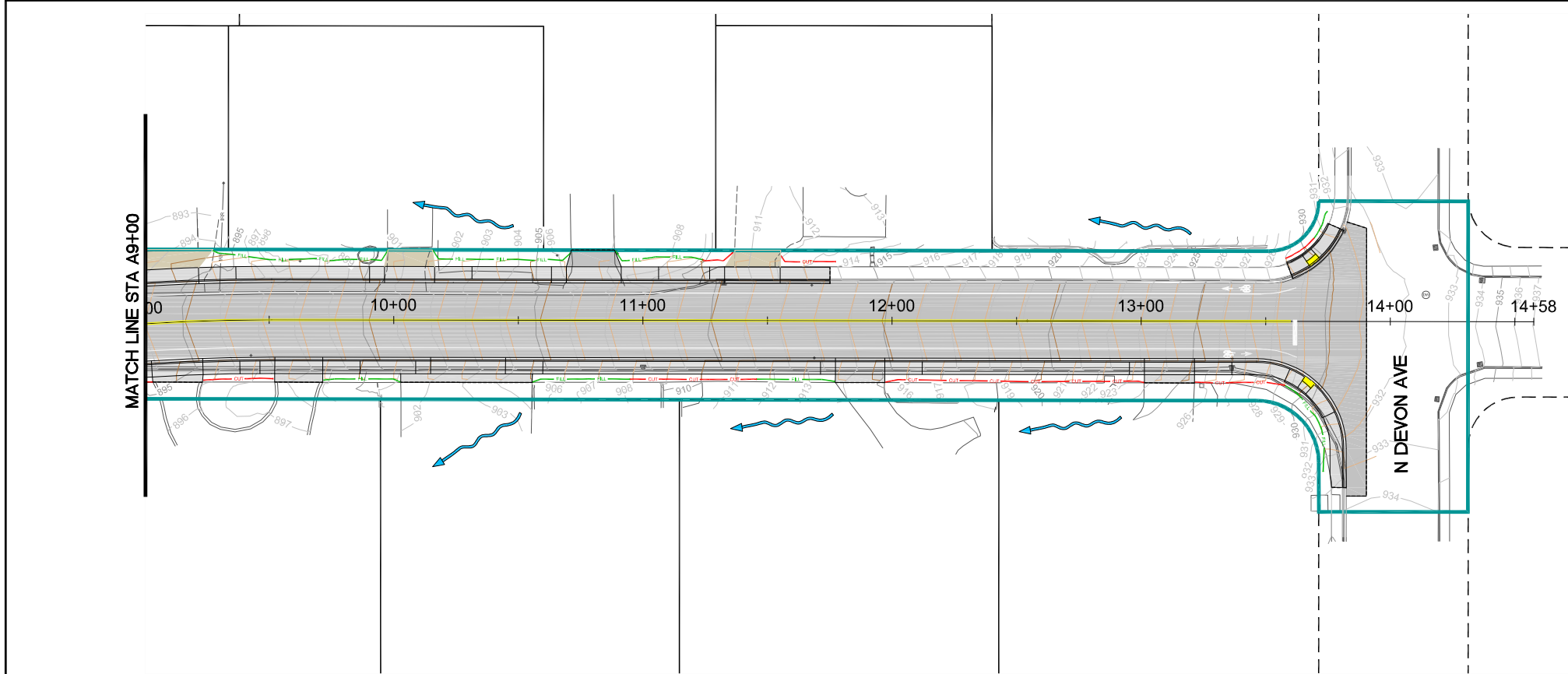
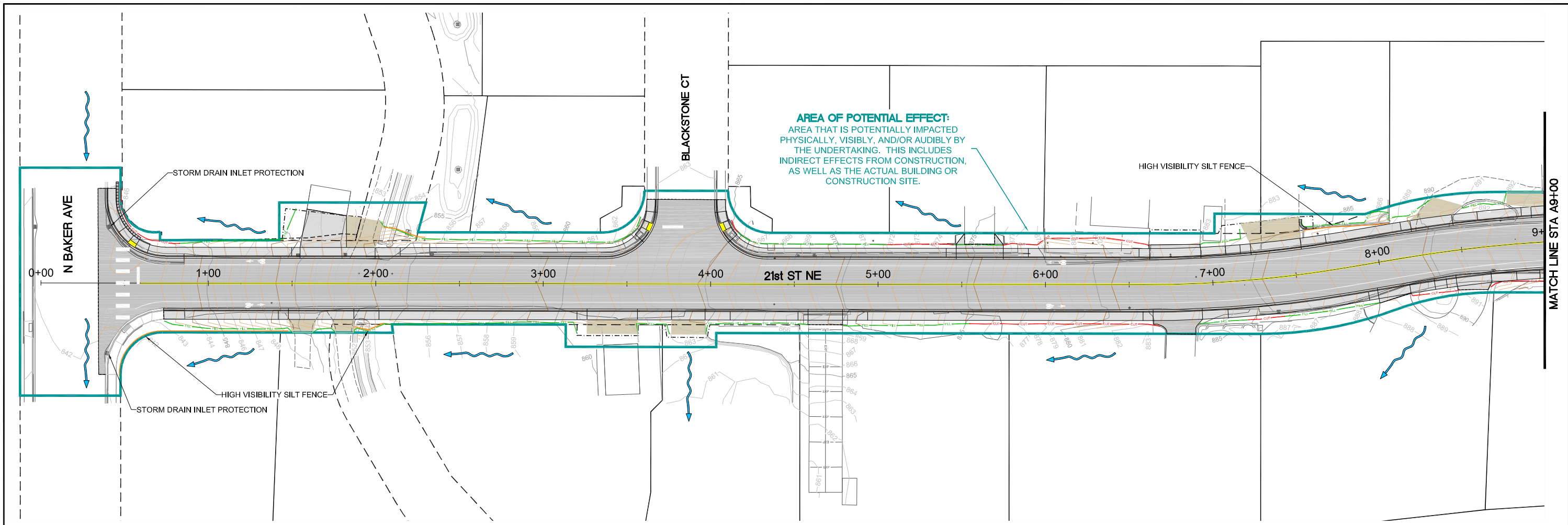
PLOT DATE: 3-17-26
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**21st ST NE -
N Baker Ave to N Devon Ave**

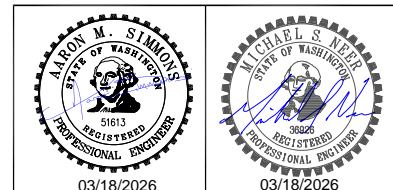
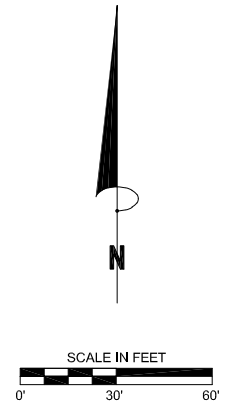


**TEMPORARY TRAFFIC
CONTROL
PLAN**

DRAWING NAME: 1011_TCP
 PROJECT NO. CRP 1011
C14
 Sheet 14 of 22



- ### BMP NOTES
1. PROVIDE STORM DRAIN INLET PROTECTION AT TWO EXISTING CATCH BASINS AT THE INTERSECTION OF BAKER AVE / 21ST STREET AND ALL NEW CATCH BASINS INSTALLED WITH THE PROJECT.
 2. ALL CONSTRUCTION ENTRANCES SHALL BE SWEEP/WASHED AND KEPT CLEAR DURING ALL CONSTRUCTION HOURS.



NO.	REVISION	BY	DATE

PLOT DATE: 3-17-26
 DESIGNER: DPN
 DRAWN BY: DPN / GTP

21st St NE - N Baker Ave to N Devon Ave



TEMPORARY EROSION AND SEDIMENTATION CONTROL PLAN (BOP) STA A0+00 TO (EOP) A13+91

DRAWING NAME:
1011_SWPPP

PROJECT NO.
CRP 1011

C15

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