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PLAN REFERENCE NO.
SHEET OF SHEETS

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FILE NAME	c:\pw_working\wastate\p0024020\dms08855\Stage 2_Y-11834_PS_IN_01.dgn
TIME	6:28:56 AM
DATE	9/28/2020
PLOTTED BY	p0024020
DESIGNED BY	B. HASSANE
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

DATE
P.E. STAMP BOX

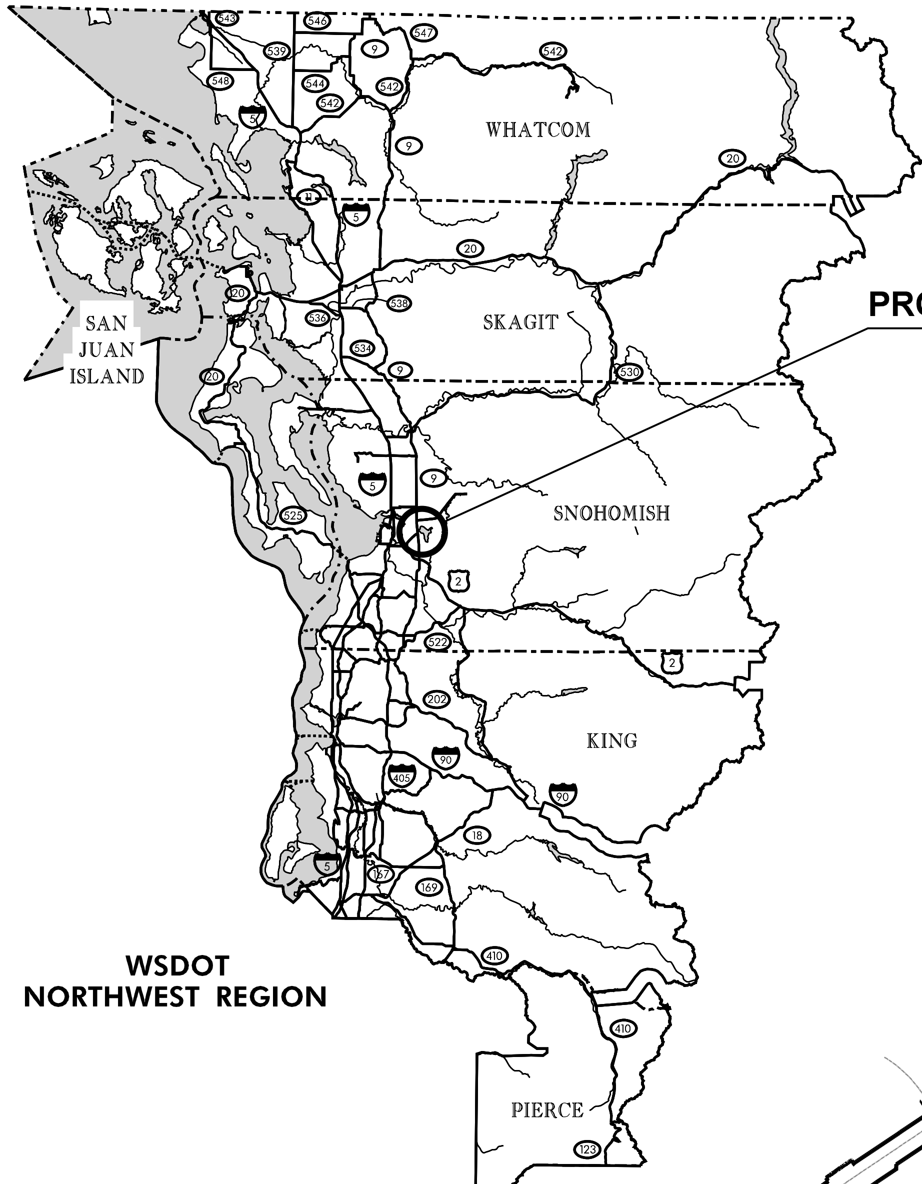
PARSONS

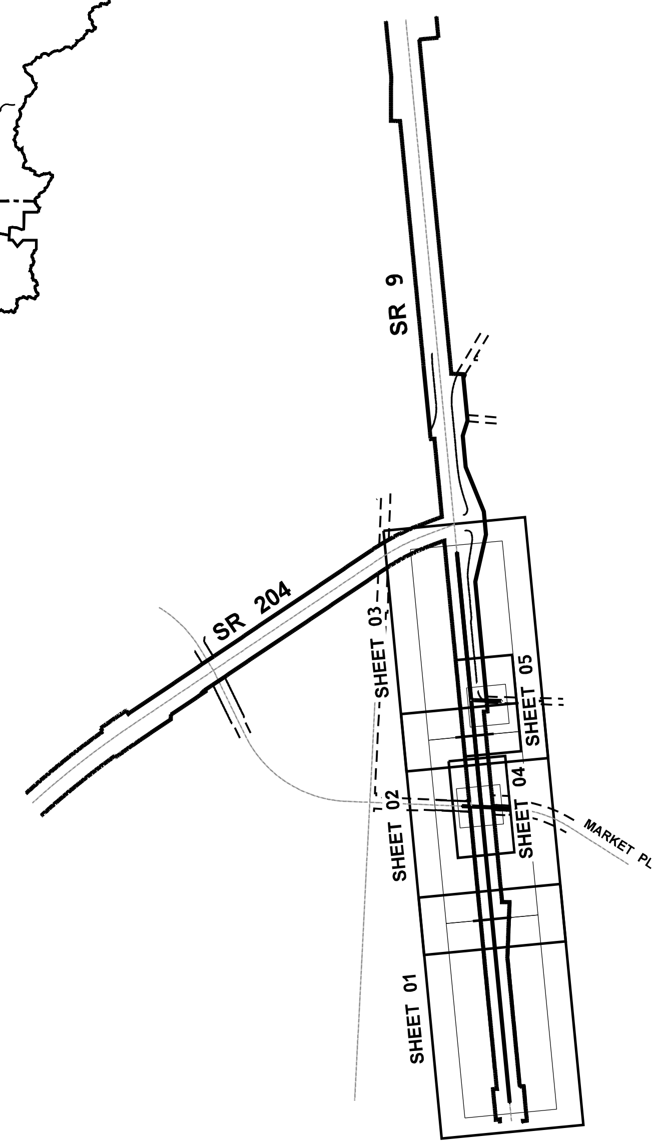
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

INDEX SHEET

PLAN REF NO IN01
SHEET 1 OF 161 SHEETS

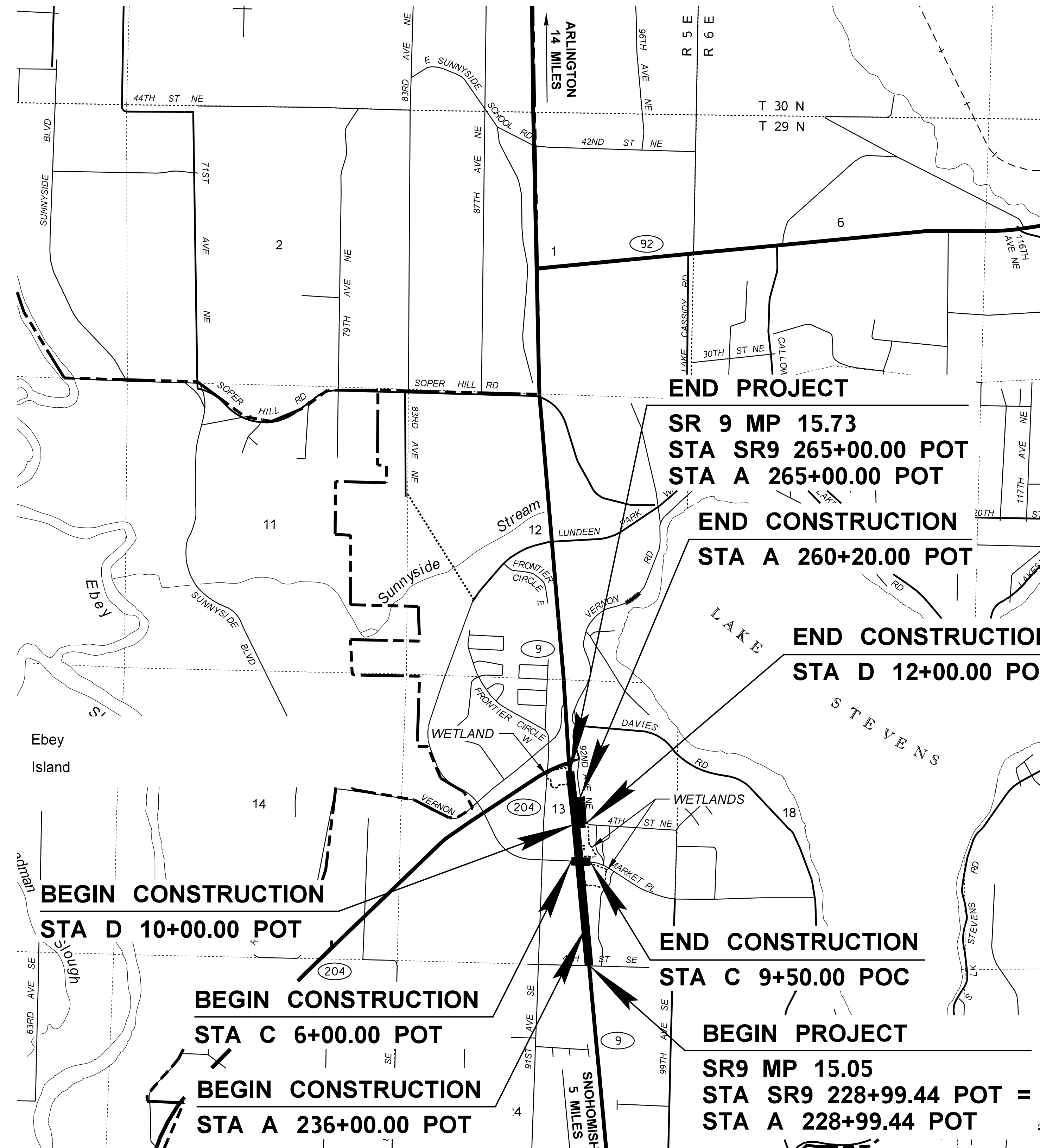




SHEET KEY MAP

NTS

T. 29N. R. 5E. W.M. SEC. 13



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DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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DESIGNED BY	B. HASSANE
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	

JOB NUMBER 20A013

CONTRACT NO. | LOCATION NO.

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

VICINITY MAP

PLAN REF NO VM01

SHEET 2 OF 161 SHEETS

SUMMARY OF QUANTITIES

ITEM NO	TOTAL QUANTITY	SUB-TOTAL * SECTION I-07.2(1) OF STANDARD SPECS	SUB-TOTAL ** SECTION I-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1 SR 9 A 228+99.44 TO A 265+00.00	GROUP 1 WALL A	GROUP 1 WALL B	GROUP 2 LK STEVENS ROW	GROUP 3 UTILITY AGREEMENT	GROUP 1 THIRD PARTY DAMAGES
						PREPARATION						
1	LUMP SUM		LUMP SUM	0001	L.S.	MOBILIZATION	L.S.	L.S.	L.S.			
2	4.00	0.30	3.70	0025	ACRE	CLEARING AND GRUBBING	3.70			0.30		
3	3.00		3.00	0049	EACH	REMOVING DRAINAGE STRUCTURE	3.00					
4	LUMP SUM		LUMP SUM	0050	L.S.	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.					
5	10990.00	550.00	10440.00	0187	L.F.	REMOVING PAINT LINE	10,440.00			550.00		
6	11.00	4.00	7.00	0199	EACH	REMOVING PAINTED TRAFFIC MARKING	7.00			4.00		
7	LUMP SUM		LUMP SUM	0215	L.S.	REMOVING MISCELLANEOUS TRAFFIC ITEM	L.S.					
8	580.00	30.00	550.00		L.F.	REMOVING STORM SEWER PIPE	550.00			30.00		
						GRADING						
9	3355.00	140.00	3215.00	0310	C.Y.	ROADWAY EXCAVATION INCL. HAUL	3,215.00			140.00		
10	250.00	190.00	60.00	0330	C.Y.	ROADWAY EXCAVATION INCL. HAUL - AREA CABS	60.00			190.00		
11	3180.00	710.00	2470.00	0405	C.Y.	COMMON BORROW INCL. HAUL	2,470.00			710.00		
12	4940.00	2470.00	2470.00	0470	C.Y.	EMBANKMENT COMPACTION	2,470.00			2,470.00		
						DRAINAGE						
13	1.00		1.00	1054	EACH	GRATE INLET TYPE 2	1.00					
14	101.00	44.00	57.00	1086	TON	QUARRY SPALLS	57.00			44.00		
15	177.00		177.00	1170	L.F.	DRAIN PIPE 6 IN. DIAM.	177.00					
						STORM SEWER						
16	1.00		1.00	3090	EACH	CATCH BASIN TYPE 2 60 IN. DIAM. W/FC & CAGE	1.00					
17	4.00	1.00	3.00	3091	EACH	CATCH BASIN TYPE 1	3.00			1.00		
18	12.00		12.00	3105	EACH	CATCH BASIN TYPE 2 48 IN. DIAM.	12.00					
19	1.00		1.00	3106	EACH	CATCH BASIN TYPE 2 54 IN. DIAM.	1.00					
20	1.00		1.00	3109	EACH	CATCH BASIN TYPE 2 60 IN. DIAM.	1.00					
21	1971.00	81.00	1890.00	3151	L.F.	TESTING STORM SEWER PIPE	1,890.00			81.00		
22	349.00	62.00	287.00	3541	L.F.	SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	287.00			62.00		
23	33.00		33.00	3542	L.F.	SCHEDULE A STORM SEWER PIPE 18 IN. DIAM.	33.00					
24	942.00		942.00	3543	L.F.	SCHEDULE A STORM SEWER PIPE 24 IN. DIAM.	942.00					
25	15.00		15.00	3545	L.F.	SCHEDULE A STORM SEWER PIPE 36 IN. DIAM.	15.00					
26	19.00	19.00			L.F.	DUCTILE IRON STORM SEWER PIPE 12 IN. DIAM.				19.00		
27	8.00		8.00		L.F.	DUCTILE IRON STORM SEWER PIPE 18 IN. DIAM.	8.00					
28	201.00		201.00		L.F.	CONCRETE PIPE CL IV 12 IN. DIAM.	201.00					
29	404.00		404.00		L.F.	CONCRETE PIPE CL IV 24 IN. DIAM.	404.00					
						STRUCTURE						
30	LUMP SUM		LUMP SUM	4013	L.S.	SHORING OR EXTRA EXCAVATION CL. A	L.S.					
31				4219	DOL	DEFICIENT STRENGTH CONC. PRICE ADJUSTMENT						
32	38900.00		38900.00	4472	S.F.	NOISE BARRIER WALL TYPE 11		20,700.00	18,200.00			
						SURFACING						
33	1421.00	90.00	1331.00	5100	TON	CRUSHED SURFACING BASE COURSE	1,331.00			90.00		
						HOT MIX ASPHALT						
34	13205.00	855.00	12350.00	5711	S.Y.	PLANING BITUMINOUS PAVEMENT	12,350.00			855.00		
35	4500.00	225.00	4275.00	5767	TON	HMA CL. 1/2 IN. PG 58H-22	4,275.00			225.00		

GROUP LEGEND	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
	1	009	313211	**	
	2	000	3100CT	*	
	3	009	313211	**	

DATE	REVISION	BY

REGION 10 | STATE WA

FEDERAL AID PROJECT NO.

JOB NUMBER 20A013/2

CONTRACT NO 000000

Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES

ITEM NO	TOTAL QUANTITY	SUB-TOTAL * SECTION I-07.2(1) OF STANDARD SPECS	SUB-TOTAL ** SECTION I-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1 SR 9 A 228+99.44 TO A 265+00.00	GROUP 1 WALL A	GROUP 1 WALL B	GROUP 2 LK STEVENS ROW	GROUP 3 UTILITY AGREEMENT	GROUP 1 THIRD PARTY DAMAGES
36	13500.00		13500.00	5830	DOL	JOB MIX COMPLIANCE PRICE ADJUSTMENT	13,500.00					
37	3000.00		3000.00	5835	DOL	COMPACTION PRICE ADJUSTMENT	3,000.00					
38	7210.00		7210.00	5837	DOL	ASPHALT COST PRICE ADJUSTMENT	7,210.00					
						EROSION CONTROL AND ROADSIDE PLANTING						
40	1.10		1.10		ACRE	COMPOST SEEDING	1.10					
41	LUMP SUM		LUMP SUM	6488	L.S.	EROSION CONTROL AND WATER POLLUTION PREVENTION	L.S.	L.S.				
42	0.50		0.50	6407	ACRE	TOPSOIL TYPE A	0.50					
43	464.00		464.00	6552	EACH	PSIPE WESTERN RED CEDAR, EXCELSA 36 IN. HT, #2 CONT.	464.00					
44	129.00		129.00	6552	EACH	PSIPE PERSIAN IRONWOOD, 18 IN. HT, #2 CONT.	129.00					
45	32.00		32.00	6552	EACH	PSIPE STRAWBERRY TREE, 18 IN HT, #2 CONT	32.00					
46	197.00		197.00	6552	EACH	PSIPE VINE MAPLE, 18 IN HT, #2 CONT	197.00					
47	299.00		299.00	6552	EACH	PSIPE BOSTON IVY, 12 IN. HT, #1 CONT.	299.00					
48	425.00		425.00	6552	EACH	PSIPE BALLERINA INDIAN HAWTHORN, 12 IN. HT, #1 CONT.	425.00					
49	128.00		128.00	6552	EACH	PSIPE DAUGLAS SPIRAEA, 18 IN HT, #1 CONT	128.00					
50	567.00		567.00	6552	EACH	PSIPE KELSEY DOGWOOD, 18 IN. HT, #1 CONT.	567.00					
51	519.00		519.00	6552	EACH	PSIPE GOLDEN BARBERRY, 12 IN. HT, #1 CONT.	519.00					
52	338.00		338.00	6552	EACH	PSIPE RED-FLOWERING CURRENT, #1 CONT.	338.00					
53	943.00		943.00	6552	EACH	PSIPE RED-OSIER DOGWOOD, #1 CONT	943.00					
54	1099.00		1099.00	6552	EACH	PSIPE SALAL, 12 IN. HT #1 CONT.	1,099.00					
55	941.00		941.00	6552	EACH	PSIPE SNOWBERRY, 12 IN. HT, #1 CONT.	941.00					
56	921.00		921.00	6552	EACH	PSIPE TALL OREGON GRAPE, 12 IN. HT, #1 CONT.	921.00					
57	489.00		489.00	6552	EACH	PSIPE THIMBLEBERRY, 12 IN. HT, #1 CONT.	489.00					
58	128.00		128.00	6552	EACH	PSIPE WESTERN SWORD FERN,12 IN. HT, #1 CONT.	128.00					
59	128.00		128.00	6552	EACH	PSIPE SALMONBERRY, 12 IN HT. #1 CONT.	128.00					
60	2377.00		2377.00	6552	EACH	PSIPE MT VERNON LAUREL, 12 HT, #1 CONT.	2,377.00					
61	143313.00		143313.00		S.F.	TEMPORARY IRRIGATION INSTALLATION	143,313.00					
62	1.00		1.00	6480	ACRE	FINE COMPOST	1.00					
63	0.10		0.10	6481	ACRE	MEDIUM COMPOST	0.10					
64	7000.00		7000.00	6545	DOL	WEED AND PEST CONTROL	7,000.00					
65	2.80		2.80	6529	ACRE	SOIL AMENDMENT	2.80					
66	3.20		3.20	6579	ACRE	BARK OR WOOD CHIP MULCH	3.20					
67	5990.00	170.00	5820.00	6630	L.F.	HIGH VISIBILITY FENCE	5,820.00			170.00		
68	0.24		0.24		ACRE	SOIL DECOMPACTION	0.24					
						TRAFFIC						
69	1085.00	205.00	880.00	6700	L.F.	CEMENT CONC. TRAFFIC CURB AND GUTTER	880.00			205.00		
70	52.00	36.00	16.00	6706	L.F.	DUAL-FACED CEMENT CONC. TRAFFIC CURB	16.00			36.00		
71	90.00	20.00	70.00	6707	L.F.	CEMENT CONC. PEDESTRIAN CURB	70.00			20.00		
72	320.00		320.00	6727	L.F.	EXTRUDED CURB	320.00					
73	65.00	1.00	64.00	6832	EACH	FLEXIBLE GUIDE POST	64.00			1.00		
74	12535.00	725.00	11810.00	6807	L.F.	PLASTIC LINE	11,810.00			725.00		
75	1715.00	195.00	1520.00	6828	L.F.	PLASTIC WIDE LANE LINE	1,520.00			195.00		
76	1100.00		1100.00	6857	S.F.	PLASTIC CROSSWALK LINE	1,100.00					
77	215.00	30.00	185.00	6859	L.F.	PLASTIC STOP LINE	185.00			30.00		
78	17.00	3.00	14.00	6833	EACH	PLASTIC TRAFFIC ARROW	14.00			3.00		
79	145.00		145.00	6840	L.F.	PRECAST SLOPED MOUNTABLE CURB	145.00					
80	12.00	4.00	8.00	6871	EACH	PLASTIC TRAFFIC LETTER	8.00			4.00		
81	2.00	2.00		6867	EACH	PLASTIC BICYCLE LANE SYMBOL				2.00		

GROUP LEGEND

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	009	313211	**	
2	000	3100CT	*	
3	009	313211	**	

DATE	REVISION	BY

REGION 10 | STATE WA | FEDERAL AID PROJECT. NO.

JOB NUMBER 20A013/2

CONTRACT NO 000000

Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

SUMMARY OF QUANTITIES

SQ2

SUMMARY OF QUANTITIES

ITEM NO	TOTAL QUANTITY	SUB-TOTAL * SECTION I-07.2(1) OF STANDARD SPECS	SUB-TOTAL ** SECTION I-07.2(2) OF STANDARD SPECS	STD. ITEM NO.	UNIT	ITEM	GROUP 1 SR 9 A 228+99.44 TO A 265+00.00	GROUP 1 WALL A	GROUP 1 WALL B	GROUP 2 LK STEVENS ROW	GROUP 3 UTILITY AGREEMENT	GROUP 1 THIRD PARTY DAMAGES
82	26.00	1.00	25.00	6881	EACH	PLASTIC DRAINAGE MARKING	25.00			1.00		
83	0.40		0.40	6884	HUND	RAISED PAVEMENT MARKER TYPE 2	0.40					
84	LUMP SUM		LUMP SUM	6904	L.S.	ILLUMINATION SYSTEM SAC 3768	L.S.					
85	LUMP SUM		LUMP SUM	6912	L.S.	TRAFFIC SIGNAL SYSTEM SAC 3768	L.S.					
86	LUMP SUM		LUMP SUM	6914	L.S.	ITS	L.S.					
87				6917	L.F.	DIRECTIONAL BORING						
88	LUMP SUM		LUMP SUM		L.S.	TEMPORARY VIDEO DETECTION	L.S.					
89	LUMP SUM		LUMP SUM	6971	L.S.	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.					
92	LUMP SUM		LUMP SUM	6890	L.S.	PERMANENT SIGNING	L.S.					
93	LUMP SUM		LUMP SUM		L.S.	TRAFFIC SIGNAL REMOVAL	L.S.					
						OTHER ITEMS						
39	20000.00		20000.00	7715	DOL	FORCE ACCOUNT SELECTIVE PRUNING	20,000.00					
90	LUMP SUM		LUMP SUM	6997	L.S.	MIN BID REQ - TYPE B PROGRESS SCHEDULE	L.S.					
91	2.00		2.00	6243	EACH	ADJUST VALVE BOX	2.00					
94	430.00		430.00	7080	L.F.	CABLE FENCE	430.00					
95	2.00		2.00	6243	EACH	ADJUST VALVE BOX	2.00					
96	50.00	50.00		7006	C.Y.	STRUCTURE EXCAVATION CLASS B INCL. HAUL				50.00		
97	13990.00	260.00	13730.00	7008	S.F.	SHORING OR EXTRA EXCAVATION CLASS B	13,730.00			260.00		
98				7715	DOL	FORCE ACCOUNT						
99	LUMP SUM		LUMP SUM	7037	L.S.	STRUCTURE SURVEYING	L.S.					
100	LUMP SUM		LUMP SUM	7038	L.S.	ROADWAY SURVEYING	L.S.					
101	2500.00		2500.00	7040	DOL	LICENSED SURVEYING	2,500.00					
102	LUMP SUM		LUMP SUM	7042	L.S.	ADA FEATURES SURVEYING	L.S.					
103	905.00	105.00	800.00	7055	S.Y.	CEMENT CONC. SIDEWALK	800.00			105.00		
104	45.00		45.00	7059	S.Y.	CEMENT CONC. DRIVEWAY ENTRANCE TYPE 1	45.00					
105	1.00		1.00	7058	EACH	CEMENT CONC. CURB RAMP TYPE PERPENDICULAR A	1.00					
106	4.00		4.00	7058	EACH	CEMENT CONC. CURB RAMP TYPE PARALLEL A	4.00					
107	1.00		1.00	7058	EACH	CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION A	1.00					
108	70.00		70.00	7054	S.F.	DETECTABLE WARNING SURFACE	70.00					
109	860.00	380.00	480.00	7085	L.F.	COATED CHAIN LINK FENCE TYPE 3	480.00			380.00		
110	50.00	34.00	16.00	7098	EACH	COATED END, GATE, CORNER, PULLPOST FOR CHAIN LINK FENCE	16.00			34.00		
111	1.00	1.00		7104	EACH	DOUBLE 20 FT. CHAIN LINK GATE				1.00		
112	1.00		1.00	7102	EACH	DOUBLE 14 FT. CHAIN LINK GATE	1.00					
113	3.00	2.00	1.00	3100	EACH	ADJUST CATCH BASIN	1.00			2.00		
114	8.00	4.00	4.00	9605	EACH	CONNECTION TO DRAINAGE STRUCTURE	4.00			4.00		
115	1360.00	1360.00		7164	S.F.	GRAVITY BLOCK WALL				1,360.00		
116	LUMP SUM		LUMP SUM	7350	L.S.	CLEANING EXISTING DRAINAGE STRUCTURE	L.S.					
117	12000.00		12000.00	7480	DOL	ROADSIDE CLEANUP	12,000.00					
118	5.00		5.00	7725	DOL	REIMBURSEMENT FOR THIRD PARTY DAMAGE					5.00	
119	-1.00		-1.00	7728	DOL	MINOR CHANGE	-1.00					
120	-1.00		-1.00	7732	DOL	AGGREGATE COMPLIANCE PRICE ADJUSTMENT	-1.00					
121	LUMP SUM		LUMP SUM	7736	L.S.	SPCC PLAN	L.S.					
122	LUMP SUM		LUMP SUM		L.S.	WALLED DETENTION POND	L.S.					
123	18.00		18.00		L.F.	BIOFILTRATION SWALE LEVEL SPREADER	18.00					
124	720.00		720.00		L.F.	MEDIA FILTER DRAIN	720.00					
125	765.00	65.00	700.00	7552	S.Y.	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION	700.00			65.00		
126	100000.00		100000.00	7726	DOL	DISPUTES REVIEW BOARD	100,000.00					
127	5000.00		5000.00	9004	DOL	PROJECT PARTNERING	5,000.00					

GROUP LEGEND	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
	1	009	313211	**	
	2	000	3100CT	*	
	3	009	313211	**	

DATE	REVISION	BY

REGION 10 | STATE WA | FEDERAL AID PROJECT NO.

JOB NUMBER 20A013/2

CONTRACT NO 000000

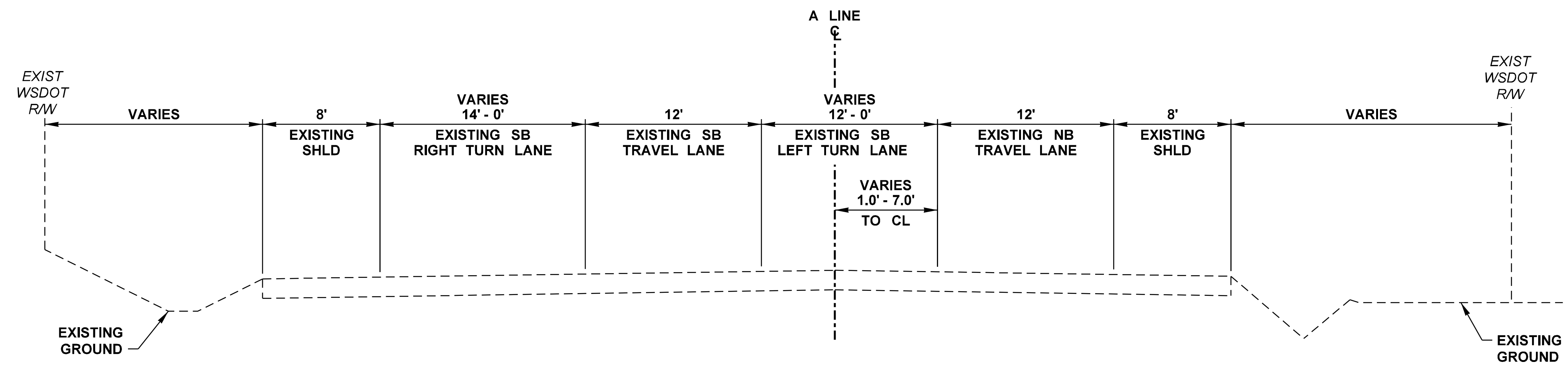
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

SUMMARY OF QUANTITIES

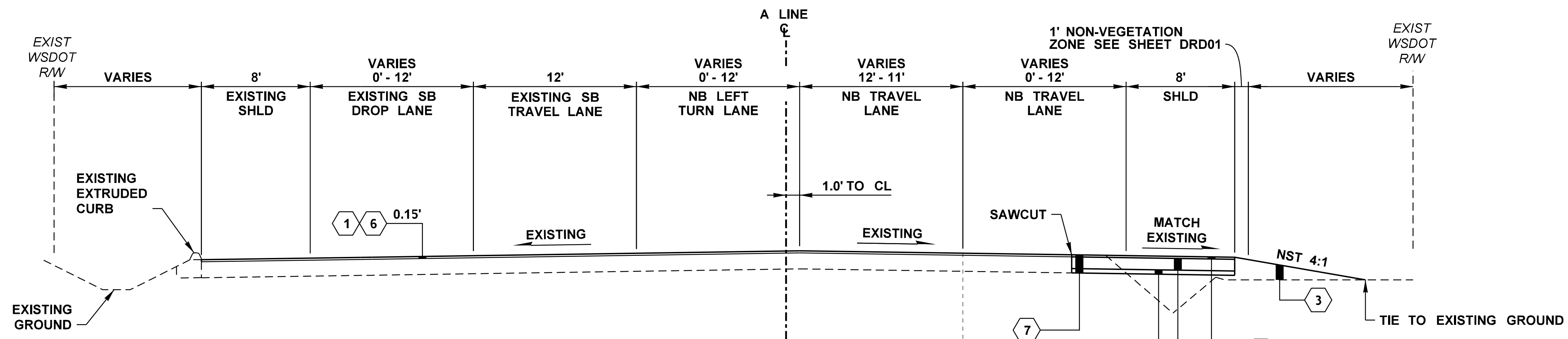
GENERAL NOTES:

1. SHOULDERS TO BE FULL DEPTH TO MATCH TRAVEL LANE.
2. ALL PAVING AND SURFACING DEPTHS SHOWN ARE COMPACTED DEPTHS.
3. SEE PAVING PLAN FOR VARIABLE WIDTHS.
4. PAVE THE ENTIRE ROADWAY, INCLUDING WIDENING AREAS, TURN POCKETS AND SHOULDERS.
5. ALL SLOPE TRANSITIONS BEYOND ROADWAY SHOULDER REQUIRE SLOPE ROUNDING AS SHOWN.
6. SEE SITE PREPARATION PLANS FOR SAWCUT LOCATIONS.
7. FOR INTERSECTION DETAILS, SEE PAVING AND PAVEMENT MARKING PLANS.



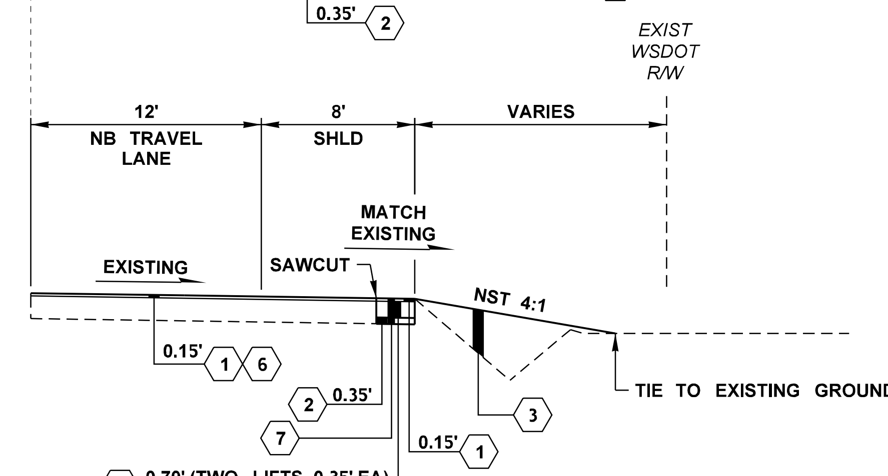
ROADWAY SECTION A

SR 9 A 228+99.44 TO A 236+00.00



ROADWAY SECTION B

SR 9 A 236+00.00 TO A 248+33.97



SR 9 A 243+75.00 TO A 248+33.97

LEGEND

1. HMA CL 1/2 IN, PG 58H-22
2. CRUSHED SURFACING BASE COURSE
3. COMMON BORROW INCL HAUL
4. TYPE 2 EXTRUDED CURB
5. CEMENT CONC. SIDEWALK
6. PLANING BITUMINOUS PAVEMENT
7. ROADWAY EXCAVATION INCL. HAUL
8. PRECAST SLOPED MOUNTABLE CURB

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DESIGN SUBMITTAL
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DATE	9/23/2020
PLOTTED BY	p0009429
DESIGNED BY	B. HASSANE
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.	LOCATION NO.	

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

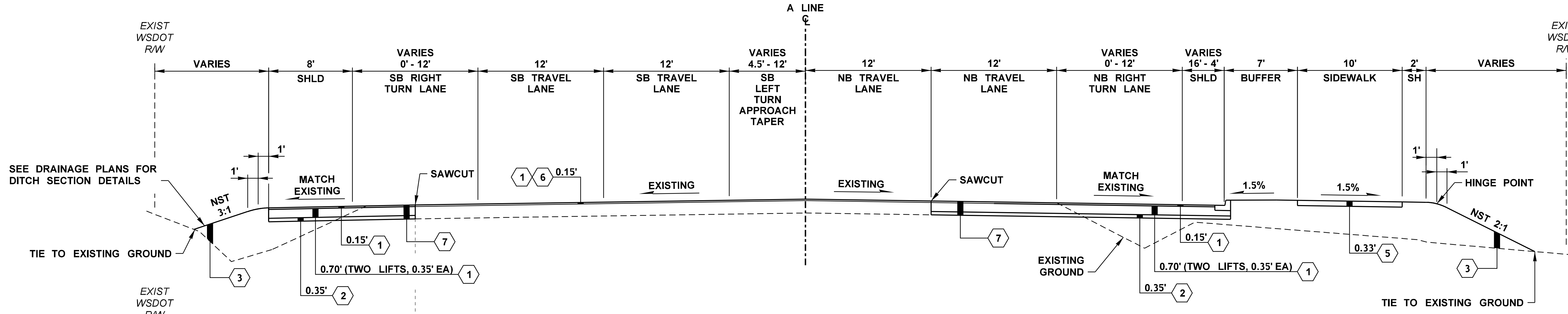
ROADWAY SECTION

PLAN REF NO RS01

SHEET 6 OF 161 SHEETS

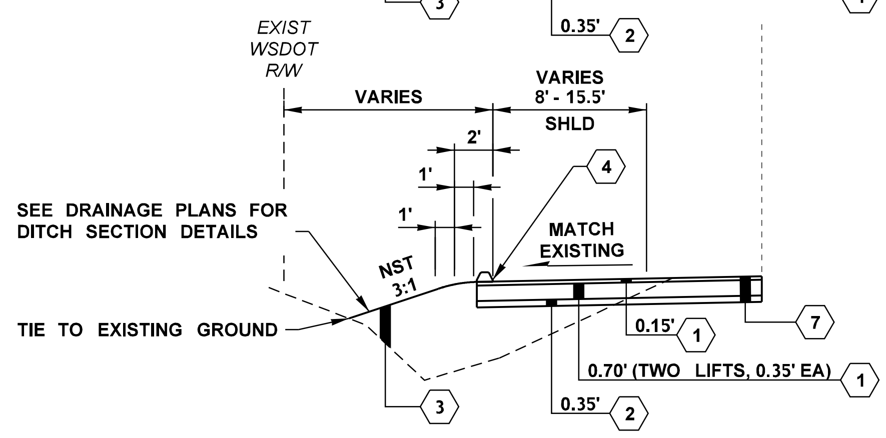
GENERAL NOTES:

1. SHOULDERS TO BE FULL DEPTH TO MATCH TRAVEL LANE.
2. ALL PAVING AND SURFACING DEPTHS SHOWN ARE COMPACTED DEPTHS.
3. SEE PAVING PLAN FOR VARIABLE WIDTHS.
4. PAVE THE ENTIRE ROADWAY, INCLUDING WIDENING AREAS, TURN POCKETS AND SHOULDERS.
5. ALL SLOPE TRANSITIONS BEYOND ROADWAY SHOULDER REQUIRE SLOPE ROUNDING AS SHOWN.
6. SEE SITE PREPARATION PLANS FOR SAWCUT LOCATIONS.
7. FOR INTERSECTION DETAILS, SEE PAVING AND PAVEMENT MARKING PLANS.



ROADWAY SECTION C

SR 9 A 248+33.97 TO A 255+05.00



SR 9 A 251+91.00 TO A 255+05.00

LEGEND

1. HMA CL 1/2 IN, PG 58H-22
2. CRUSHED SURFACING BASE COURSE
3. COMMON BORROW INCL HAUL
4. TYPE 2 EXTRUDED CURB
5. CEMENT CONC. SIDEWALK
6. PLANING BITUMINOUS PAVEMENT
7. ROADWAY EXCAVATION INCL. HAUL
8. PRECAST SLOPED MOUNTABLE CURB

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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DESIGNED BY	B. HASSANE
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX
DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

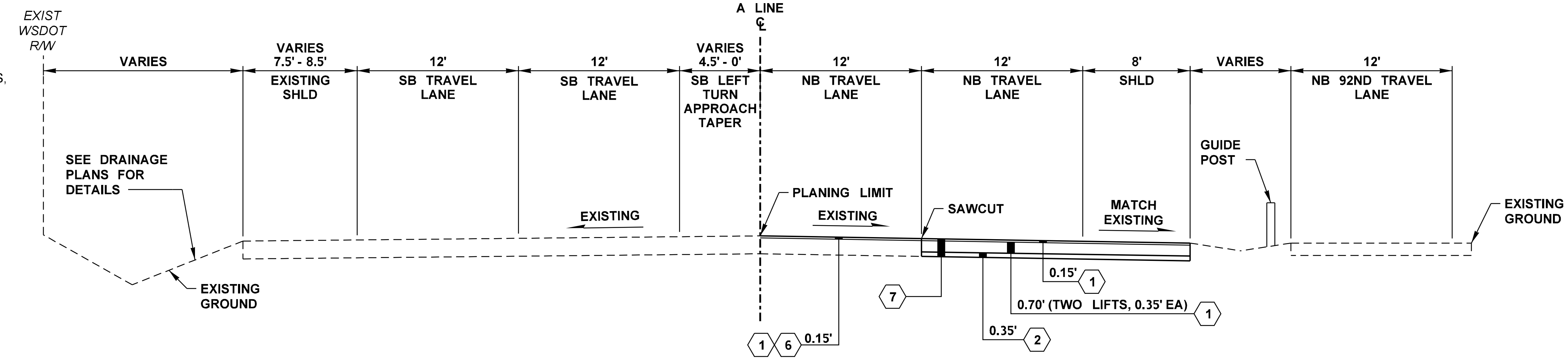
ROADWAY SECTION

PLAN REF NO RS02

SHEET 7 OF 161 SHEETS

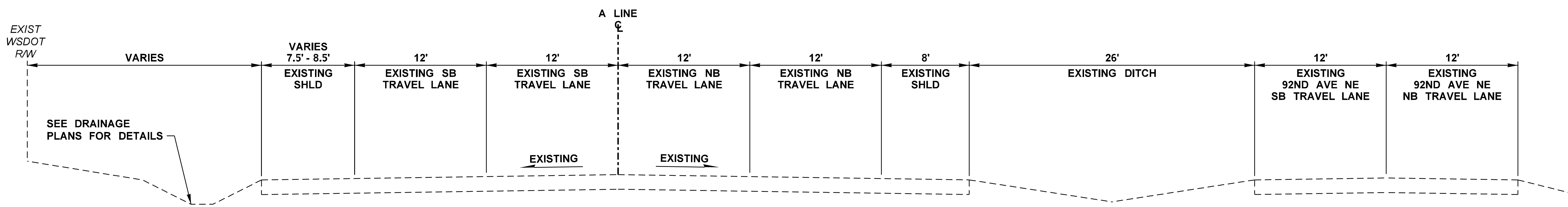
GENERAL NOTES:

1. SHOULDERS TO BE FULL DEPTH TO MATCH TRAVEL LANE.
2. ALL PAVING AND SURFACING DEPTHS SHOWN ARE COMPACTED DEPTHS.
3. SEE PAVING PLAN FOR VARIABLE WIDTHS.
4. PAVE THE ENTIRE ROADWAY, INCLUDING WIDENING AREAS, TURN POCKETS AND SHOULDERS.
5. ALL SLOPE TRANSITIONS BEYOND ROADWAY SHOULDER REQUIRE SLOPE ROUNDING AS SHOWN.
6. SEE SITE PREPARATION PLANS FOR SAWCUT LOCATIONS.
7. FOR INTERSECTION DETAILS, SEE PAVING AND PAVEMENT MARKING PLANS.



ROADWAY SECTION D

SR 9 A 255+05.00 TO A 256+80.00



ROADWAY SECTION E

SR 9 A 256+80.00 TO A 257+75.00

LEGEND

1. HMA CL 1/2 IN, PG 58H-22
2. CRUSHED SURFACING BASE COURSE
3. COMMON BORROW INCL HAUL
4. TYPE 2 EXTRUDED CURB
5. CEMENT CONC. SIDEWALK
6. PLANING BITUMINOUS PAVEMENT
7. ROADWAY EXCAVATION INCL. HAUL
8. PRECAST SLOPED MOUNTABLE CURB

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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DESIGNED BY	B. HASSANE
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 20A013

CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES
STATE OF WASHINGTON
43476
REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX | DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

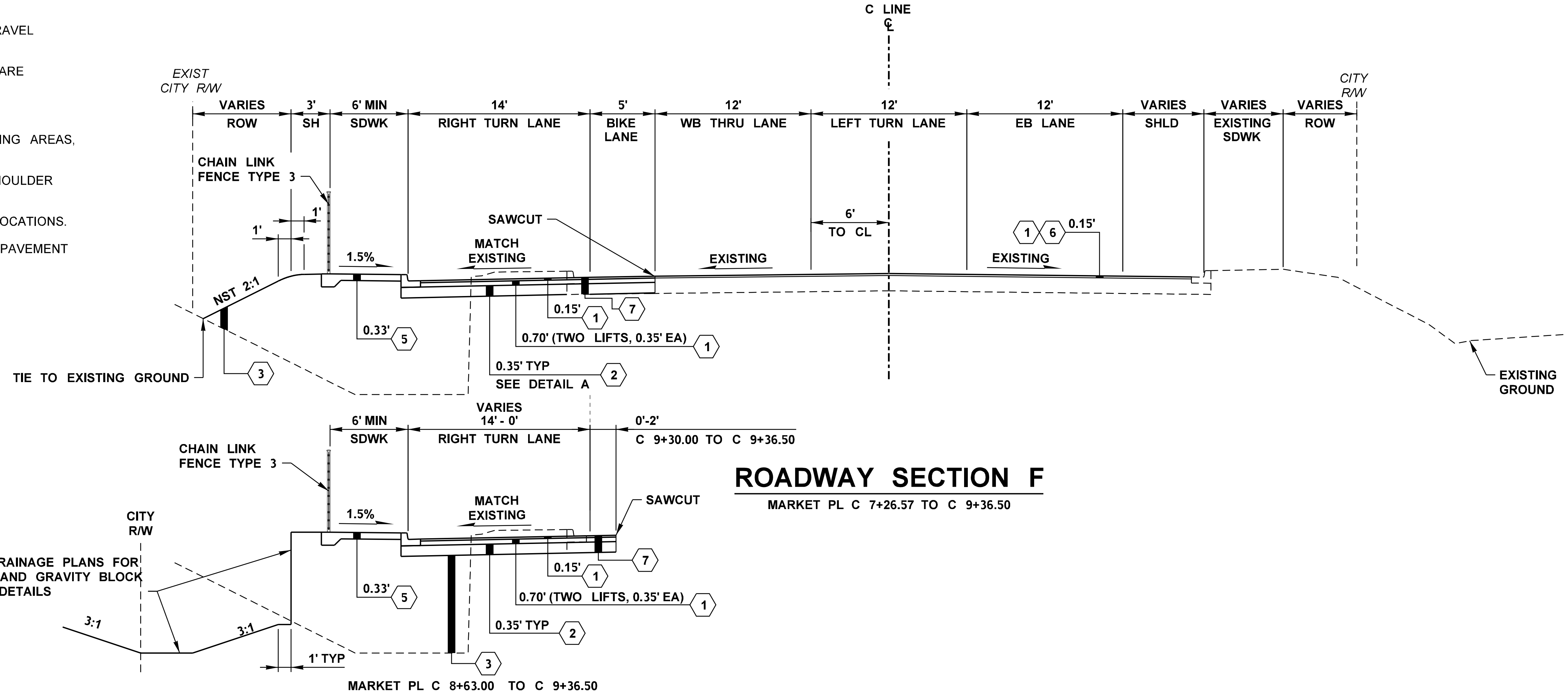
ROADWAY SECTION

PLAN REF NO RS03

SHEET 8 OF 161 SHEETS

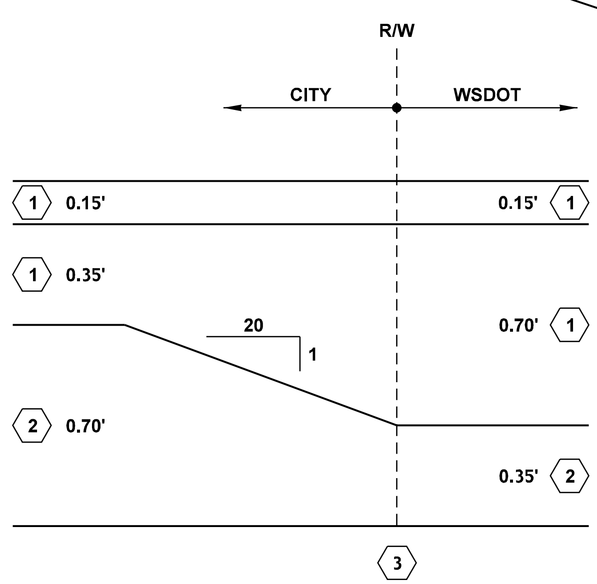
GENERAL NOTES:

1. SHOULDERS TO BE FULL DEPTH TO MATCH TRAVEL LANE.
2. ALL PAVING AND SURFACING DEPTHS SHOWN ARE COMPACTED DEPTHS.
3. SEE PAVING PLAN FOR VARIABLE WIDTHS.
4. PAVE THE ENTIRE ROADWAY, INCLUDING WIDENING AREAS, TURN POCKETS AND SHOULDERS.
5. ALL SLOPE TRANSITIONS BEYOND ROADWAY SHOULDER REQUIRE SLOPE ROUNDING AS SHOWN.
6. SEE SITE PREPARATION PLANS FOR SAWCUT LOCATIONS.
7. FOR INTERSECTION DETAILS, SEE PAVING AND PAVEMENT MARKING PLANS.



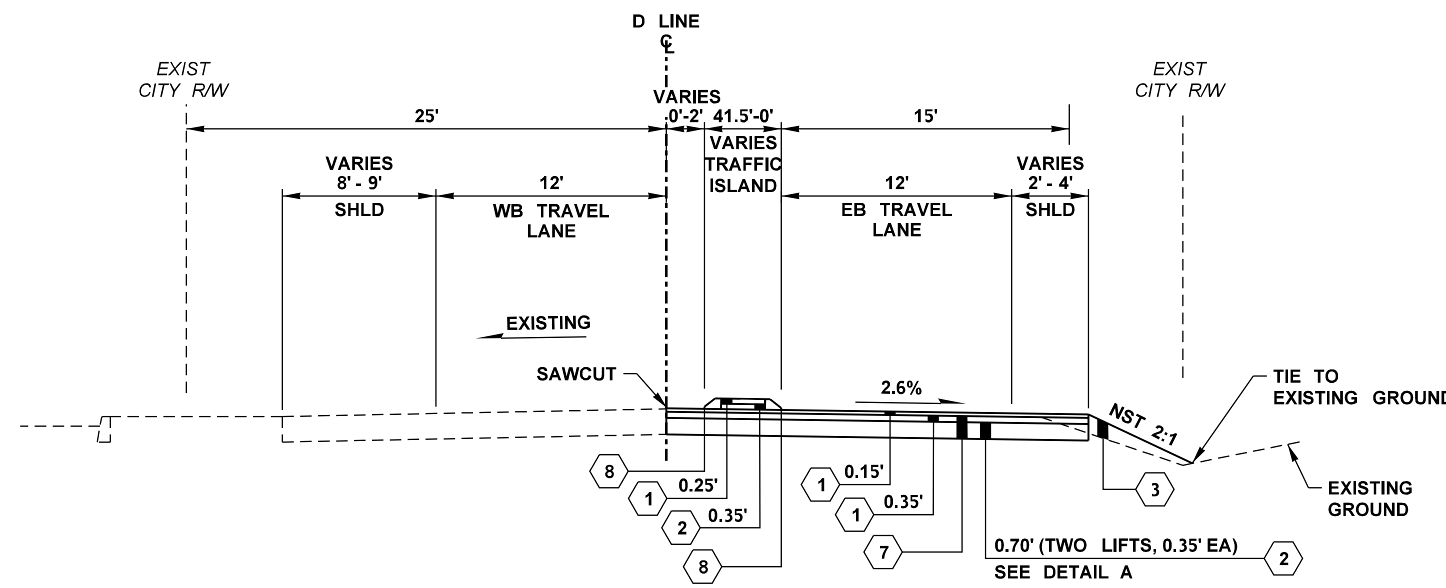
ROADWAY SECTION F

MARKET PL C 7+26.57 TO C 9+36.50



DETAIL A

NOT TO SCALE



ROADWAY SECTION G

4 ST NE D 10+32.00 TO D 11+67.43

LEGEND

1	HMA CL 1/2 IN, PG 58H-22
2	CRUSHED SURFACING BASE COURSE
3	COMMON BORROW INCL HAUL
4	TYPE 2 EXTRUDED CURB
5	CEMENT CONC. SIDEWALK
6	PLANING BITUMINOUS PAVEMENT
7	ROADWAY EXCAVATION INCL. HAUL
8	PRECAST SLOPED MOUNTABLE CURB

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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DATE	9/23/2020
PLOTTED BY	p0009429
DESIGNED BY	B. HASSANE
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO | REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES, STATE OF WASHINGTON, 43476, REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

ROADWAY SECTION

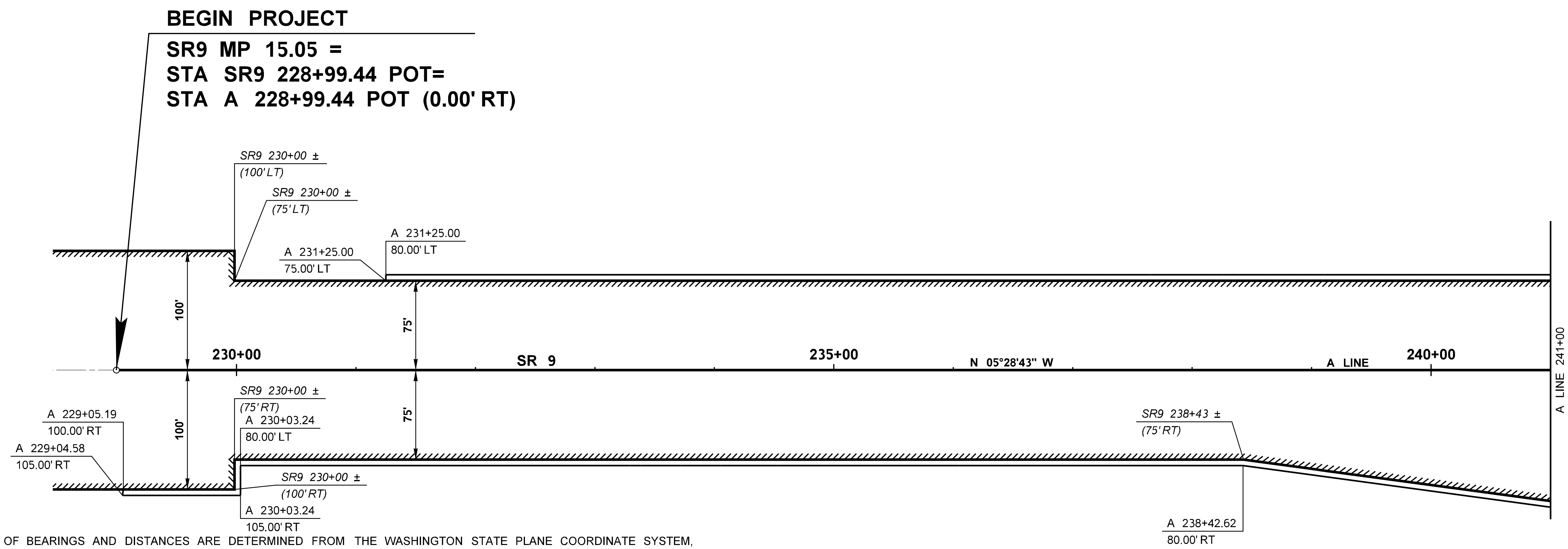
PLAN REF NO RS04

SHEET 9 OF 161 SHEETS

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
A 228+99.44	692748.11	1657326.65

T. 29N. R. 5E. W.M. SEC. 13

0 50 100
SCALE IN FEET



THE BASIS OF BEARINGS AND DISTANCES ARE DETERMINED FROM THE WASHINGTON STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NORTH AMERICAN DATUM OF 1983, ADJUSTMENT OF 1991 (NAD 83/91). HORIZONTAL POSITIONS WERE DERIVED FROM DIRECT, MULTIPLE RTK GPS OBSERVATIONS, UTILIZING THE WASHINGTON STATE REFERENCE NETWORK (WSRN), AND CONSTRAINED TO WSDOT CONTROL. SEE THE WSDOT CONTROL TABLE FOR THE GP STATIONS CONSTRAINED TO.

THE DISTANCES SHOWN ARE BASED UPON THE US SURVEY FOOT AND ARE GROUND DISTANCES. TO OBTAIN WASHINGTON STATE PLANE GRID DISTANCES, MULTIPLY THE GROUND DISTANCES BY THE COMBINED SCALE FACTOR (CSF) OF 0.99993103.

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
GEOGRAPHIC SERVICES COORDINATE DATA
(CONTROL) (NAD 83/91)

WSDOT MON DESIGNATION	STATE PLANE GRID NORTHING (METERS)	STATE PLANE GRID EASTING (METERS)	STATE PLANE GRID NORTHING (US FEET)	STATE PLANE GRID EASTING (US FEET)	PROJECT DATUM NORTHING (US FEET)	PROJECT DATUM EASTING (US FEET)	DESCRIPTION
GP31009-18	106642.647	405283.641	349876.751	1329668.079	677984.217	1657843.126	WSDOT BRASS DISC SET LEVEL IN BRIDGE DECK SR 9/SR 2 OVERCROSSING
GP31009-48	112687.150	404967.119	369707.758	1328629.623	697816.592	1656804.598	WSDOT BRASS DISC SET LEVEL IN MONUMENT IN CASE, 0.85' BELOW GRADE, SR 9
GP31009-202	114389.620	404844.568	375293.278	1328227.553	703402.497	1656402.500	WSDOT BRASS DISC SET LEVEL IN CONC SIDEWALK SOPER HILL RD AND SR 9
BM31009-60	111148.251	405145.494	364658.886	1329214.843	692767.372	1657389.859	WSDOT BRASS DISC SET LEVEL IN CONC
3310					694677.001	1657066.900	SFMIC

NOTE:

1. PER RCW 58.09.130, ANY MONUMENT OR CORNER DISTURBED BY THE CONTRACTOR'S OPERATION SHALL BE REPLACED AT NO COST TO THE CONTRACTING AGENCY.
2. UNLESS OTHERWISE NOTED, NORTHINGS AND EASTINGS ARE GIVEN IN PROJECT DATUM.
3. LIMITED ACCESS ROW TO BE REVISED IN SR9/SR204 INTERSECTION IMPROVEMENTS (STAGE3).

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LEGEND

- EXISTING ALIGNMENT
- HIGHWAY RIGHT OF WAY
- LIMITED ACCESS HIGHWAY RIGHT OF WAY
- LIMITED ACCESS
- TEMPORARY EASEMENT
- CITY OF LAKE STEVENS RIGHT OF WAY
- SFMIC

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TIME	12:02:20 PM				
DATE	9/24/2020				
PLOTTED BY	p0009429				
DESIGNED BY	B. HOLMAN				
ENTERED BY	K. MCWILLIAMS				
CHECKED BY	B. HASSANE				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES
STATE OF WASHINGTON
43476
REGISTERED
PROFESSIONAL ENGINEER

DATE
P.E. STAMP BOX

PARSONS

Washington State
Department of Transportation

**SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)**

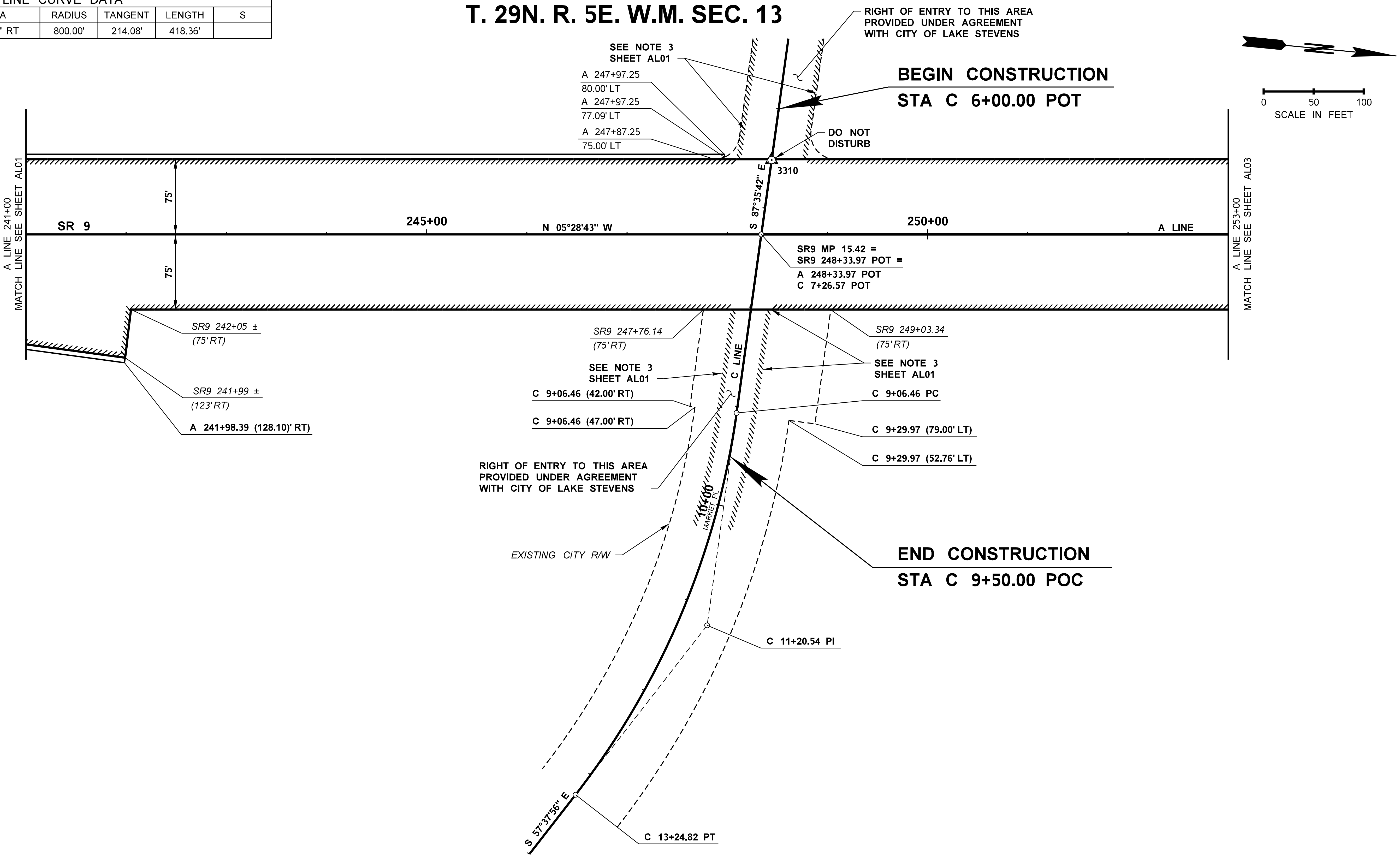
ALIGNMENT PLAN

PLAN REF NO
AL01

SHEET 10 OF 161 SHEETS

C LINE CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
C 11+20.54	29°57'46" RT	800.00'	214.08'	418.36'	

T. 29N. R. 5E. W.M. SEC. 13



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DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTES:

1. SEE SHEET AL01 FOR ALIGNMENT GENERAL NOTES AND LEGEND.

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DESIGNED BY	B. HOLMAN					
ENTERED BY	K. MCWILLIAMS					
CHECKED BY	B. HASSANE					
PROJ. ENGR.	K. NDILE					
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER
P.E. STAMP BOX DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

ALIGNMENT PLAN

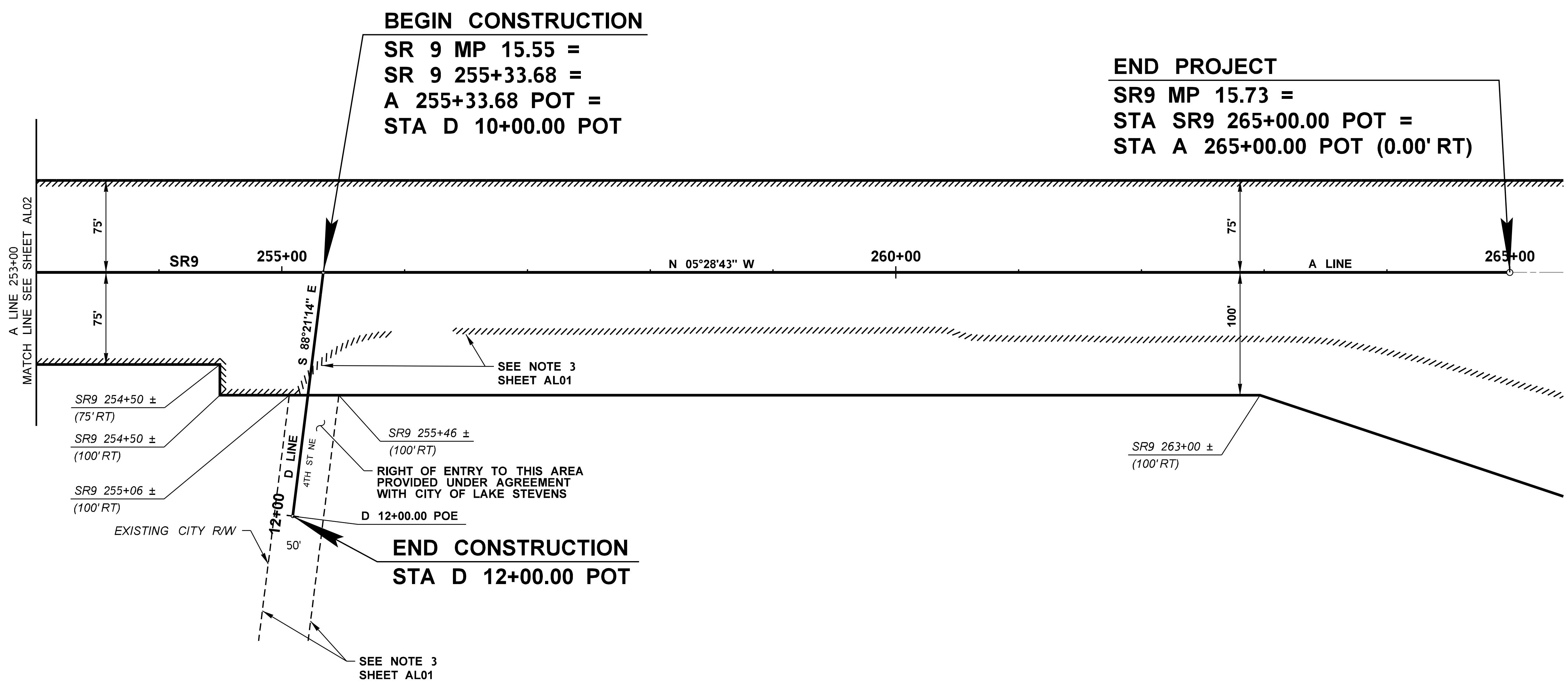
PLAN REF NO AL02

SHEET 11 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
A 265+00.00	696332.22	1656982.89
D 10+00.00	695370.31	1657075.15
D 12+00.00	695364.57	1657275.07

0 50 100
SCALE IN FEET



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DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTES:

1. SEE SHEET AL01 FOR ALIGNMENT GENERAL NOTES AND LEGEND.

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PLOTTED BY	p0009429
DESIGNED BY	B. HOLMAN
ENTERED BY	K. MCWILLIAMS
CHECKED BY	B. HASSANE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED · PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

ALIGNMENT PLAN

PLAN REF NO AL03

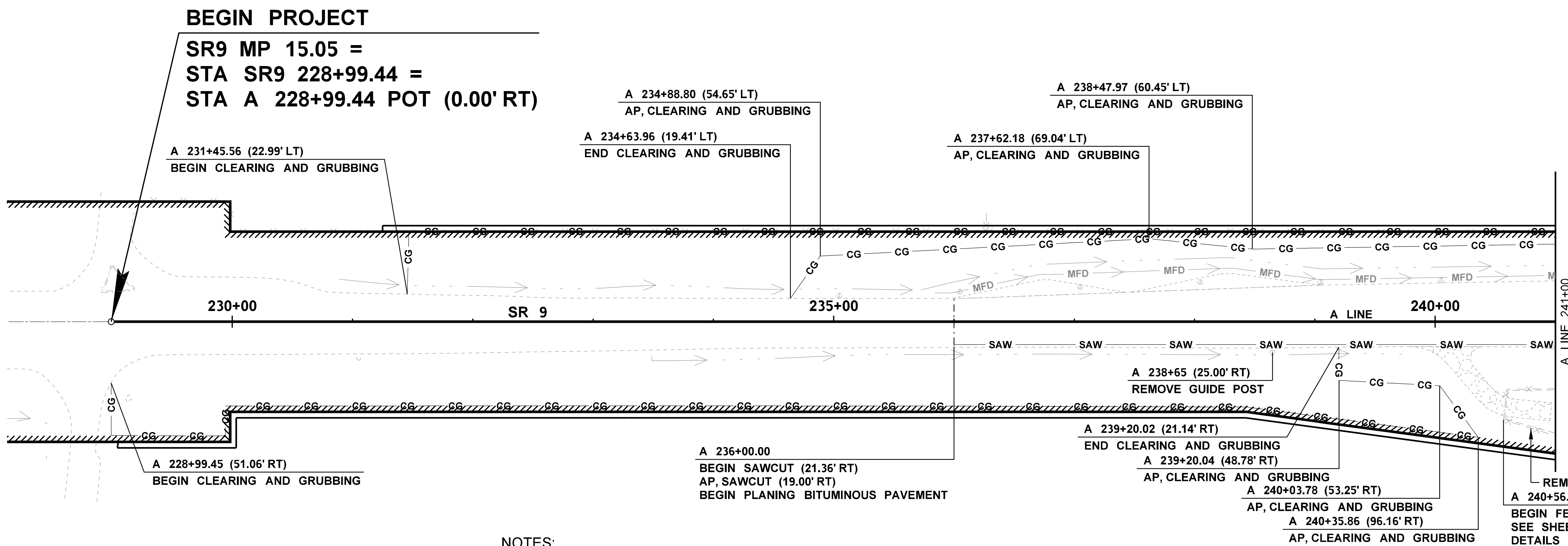
SHEET 12 OF 161 SHEETS

ITEMS	UNIT	QUANTITY *
CLEARING AND GRUBBING	ACRE	4
ROADWAY EXCAVATION INCL HAUL	CY	1975
COMMON BORROW INCL HAUL	CY	2450
EMBANKMENT COMPACTION	CY	2450
PLANING BITUMINOUS PAVEMENT	SY	13205

* TOTAL SHEETS SP01 - SP04

T. 29N. R. 5E. W.M. SEC. 13

0 50 100
SCALE IN FEET



NOTES:

1. SEE SIGNAL AND ILLUMINATION PLANS FOR ANY SIGNAL RELATED REMOVALS INCLUDING ELECTRICAL AND WIRING.
2. SEE SIGNING PLAN FOR SIGN REMOVALS.
3. PLANING BITUMINOUS PAVEMENT SHALL BE FULL WIDTH OF ROADWAY FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT. IN CASES WHERE ROADWAY WIDENING OCCURS, PLANING BITUMINOUS PAVEMENT SHALL EXTEND TO EDGE OF SAWCUT.
4. "ROADWAY EXCAVATION INCL. HAUL" INCLUDES REMOVAL OF PAVEMENT WITHIN SAWCUT LIMITS
5. SEE ALIGNMENT SHEETS REGARDING ACCESS CONTROL REVISIONS.
6. ALL CLEARING AND GRUBBING SHALL BE OFFSET 1' FROM HIGH VISIBILITY FENCE UNLESS OTHERWISE SHOWN. SEE SHEETS EC01 - EC03 FOR HIGH VISIBILITY FENCE LOCATION.
7. MANHOLES, VALVE COVERS, CATCH BASINS AND OTHER SURFACE FEATURES WITHIN PLANING LIMITS TO REMAIN SHALL BE PROTECTED IN PLACE. CONTRACTOR SHALL APPLY A 3 FOOT WIDE TEMPORARY WEDGE OF BITUMINOUS PAVEMENT AROUND FEATURES ACCESSIBLE TO THE PUBLIC.

LEGEND

- AP — ANGLE POINT
- EXISTING ALIGNMENT
- STA — PROPOSED ALIGNMENT
- HIGHWAY RIGHT OF WAY
- HIGHWAY LIMITED ACCESS RIGHT OF WAY
- HIGHWAY LIMITED ACCESS FLOATING
- TEMPORARY EASEMENT
- CITY OF LAKE STEVENS RIGHT OF WAY
- EXISTING DITCH BOTTOM
- EXISTING DETENTION POND
- MFD — EXISTING MEDIA FILTER DRAIN
- EXISTING FENCE
- EXISTING GUIDE POST
- EXISTING CURB/GUTTER
- EXISTING GRAVEL EDGE
- EXISTING PAVED EDGE
- EXISTING SIDEWALK
- WB — EXISTING WETLAND BOUNDARY
- BITUMINOUS PAVEMENT PLANING LIMIT
- CG — CG — CLEARING AND GRUBBING BOUNDARY
- SAW — SAWCUT

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DESIGN SUBMITTAL
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DATE	9/23/2020
PLOTTED BY	p0009429
DESIGNED BY	B. HASSANE
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	10
STATE	WASH
FED.AID PROJ.NO.	
JOB NUMBER	20A013
CONTRACT NO.	
LOCATION NO.	

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

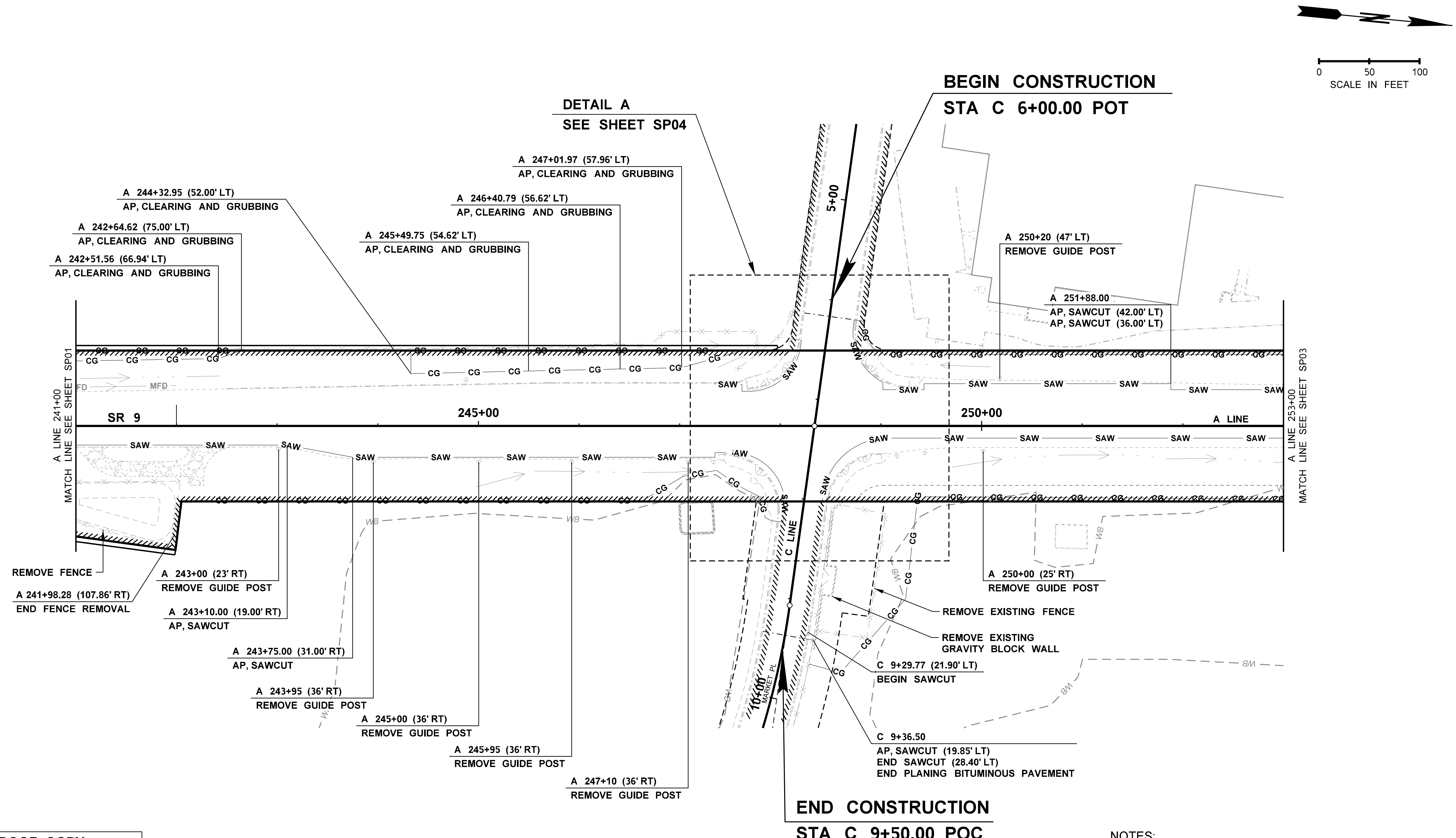
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

SITE PREPARATION PLAN

PLAN REF NO SP01

SHEET 13 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13



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DESIGN SUBMITTAL
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NOTES:

1. SEE SHEET SP01 FOR SITE PREPARATION LEGEND, NOTES AND QUANTITIES.

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ENTERED BY	K. MCWILLIAMS				
CHECKED BY	Z. BROWN				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

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STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX DATE

PARSONS

Washington State Department of Transportation

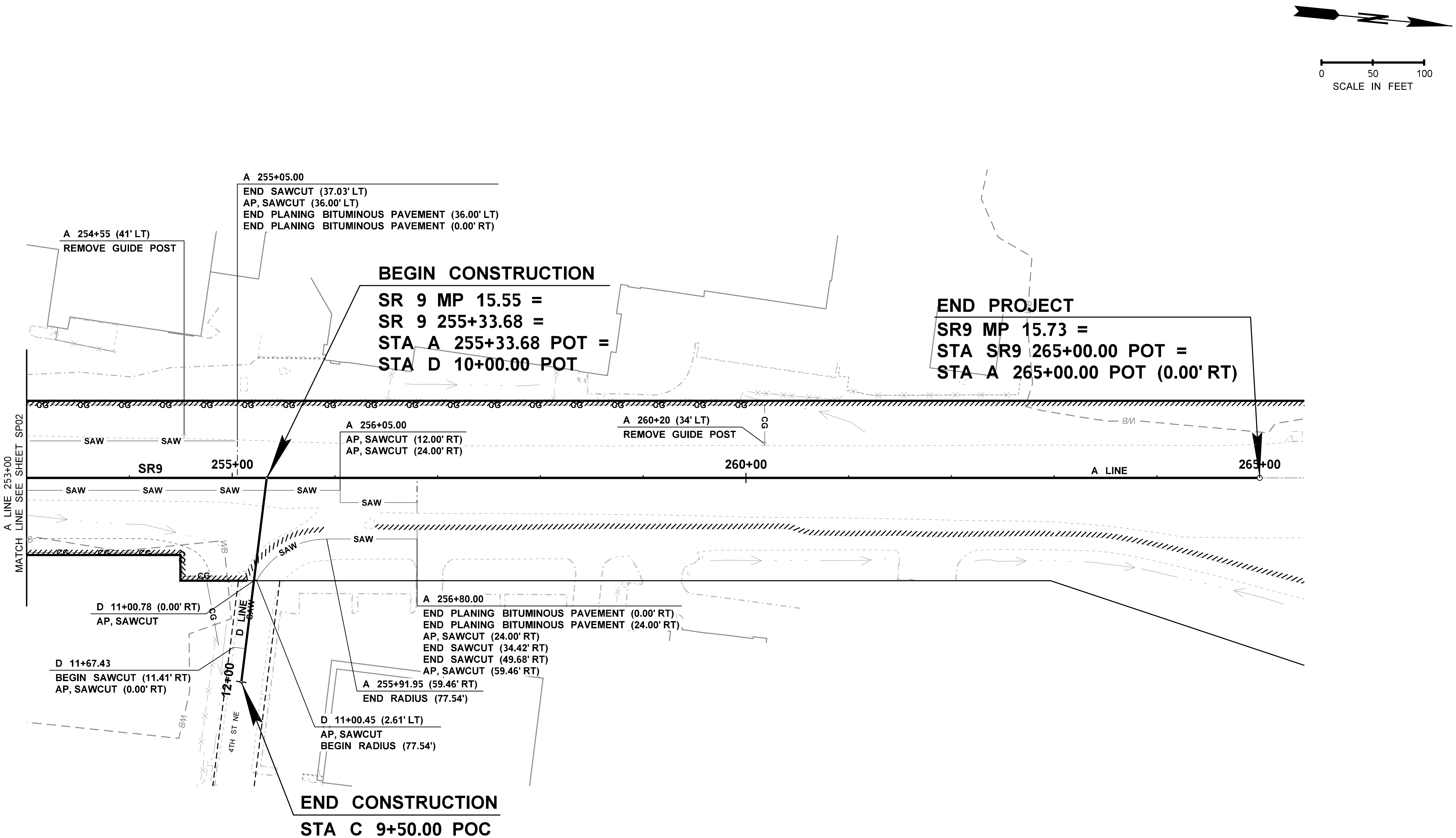
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

SITE PREPARATION PLAN

PLAN REF NO SP02

SHEET 14 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13



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DESIGN SUBMITTAL
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NOTES:

1. SEE SHEET SP01 FOR SITE PREPARATION LEGEND, NOTES AND QUANTITIES.

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DESIGNED BY	B. HASSANE				
ENTERED BY	K. MCWILLIAMS				
CHECKED BY	Z. BROWN				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 20A013

CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER, 43476

DATE

P.E. STAMP BOX

PARSONS

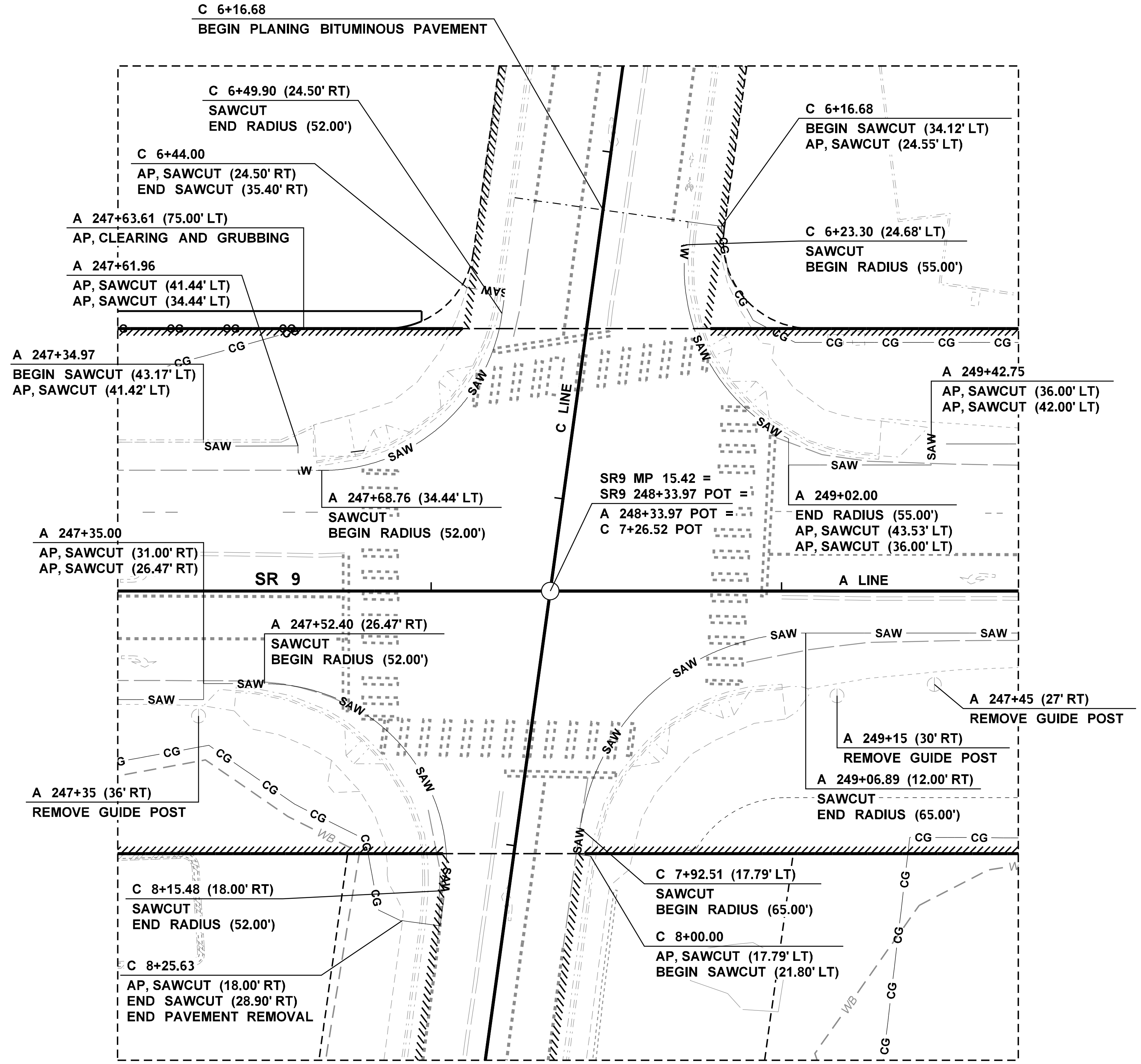
Washington State Department of Transportation

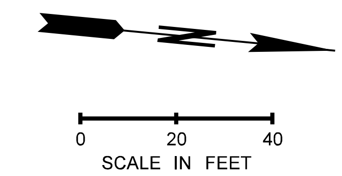
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

SITE PREPARATION PLAN

PLAN REF NO SP03

T. 29N. R. 5E. W.M. SEC. 13





DETAIL A
MARKET PL INTERSECTION

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTES:

1. SEE SHEET SP01 FOR SITE PREPARATION LEGEND, NOTES AND QUANTITIES.

FILE NAME	c:\pw_working\wastate\parsons_p0009429\dms08740\Stage 2_Y-11834_PS_SP_04.dgn
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PLOTTED BY	p0009429
DESIGNED BY	B. HASSANE
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
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JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

SITE PREPARATION PLAN

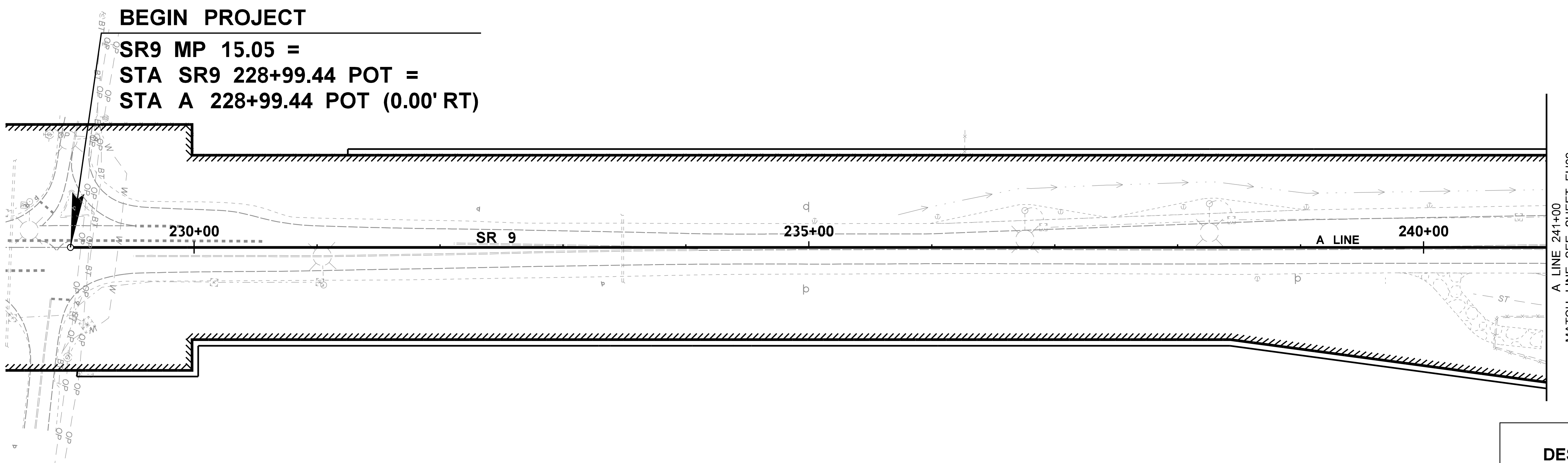
PLAN REF NO SP04

SHEET 16 OF 161 SHEETS

NOTES:
1. SEE ALIGNMENT SHEETS REGARDING ACCESS CONTROL REVISIONS.

T. 29N. R. 5E. W.M. SEC. 13

0 50 100
SCALE IN FEET



PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

LEGEND

EXISTING ALIGNMENT	SIDEWALK	UNKNOWN UNDERGROUND UTILITY LINE	DETECTION LOOP TYPE 3A	UNKNOWN PEDESTAL
PROPOSED ALIGNMENT	WETLAND BOUNDARY	LIGHT POLE / YEARD LIGHT	CCTV CAMERA	GUY POLE
HIGHWAY RIGHT OF WAY	BURIED COMMUNICATION LINE	LIGHT STANDARD SINGLE METAL	TYPE 1 JUNCTION BOX	DOWN GUY ANCHOR
HIGHWAY LIMITED ACCESS RIGHT OF WAY	BURIED FIBER OPTIC	LIGHT STANDARD SINGLE TIMBER	TYPE 4 JUNCTION BOX (TRAFFIC BEARING)	ELECTRICAL BOX
HIGHWAY LIMITED ACCESS FLOATING	BURIED POWER	PEDESTRIAN DOUBLE SIGNAL HEAD	UNKNOWN JUNCTION BOX	COMMUNICATION MANHOLE
TEMPORARY EASEMENT	BURIED TELEPHONE	PEDESTRIAN PUSH BUTTON POST	CONTROLLER CABINET	COMMUNICATION TELEPHONE POLE
CITY OF LAKE STEVENS RIGHT OF WAY	GAS LINE	SIGNAL STANDARD TYPE 2	CABLE VAULT	COMMUNICATION TELEPHONE MANHOLE
DETENTION POND	OVERHEAD COMUNICATION LINE	SIGNAL STANDARD TYPE 3	FIRE HYDRANT	SIGNAL TRANSFORMER
FENCE	OVERHEAD POWER LINE	SIGNAL HEAD	WATER VALVE	CABLE PEDESTAL
GUIDE POST	SANITARY SEWER	POWER BOX	GAS VALVE	UNDERGROUND WATER VAULT
CURB/GUTTER	STORM SEWER PIPE	POWER POLE	GAS / POWER / WATER METER BOX	FIRE DEPT CONNECTION POST
GRAVEL EDGE	WATER LINE	UNDERGROUND POWER VAULT	POWER MANHOLE	SANITARY SEWER MANHOLE
PAVED EDGE	ILLUMINATION / SIGNAL CONDUIT AND WIRING	DETECTION LOOP TYPE 3	TELEPHONE PEDESTAL	UTILITY BOX

FILE NAME	c:\pw_working\wastate\parsons_p0009429\dms08752\Stage 2_Y-11834_PS_EU_01.dgn
TIME	10:31:10 AM
DATE	9/25/2020
PLOTTED BY	p0009429
DESIGNED BY	G. SIEBERS
ENTERED BY	K. MCWILLIAMS
CHECKED BY	M. OCHOA
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 STATE WASH FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. LOCATION NO.

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

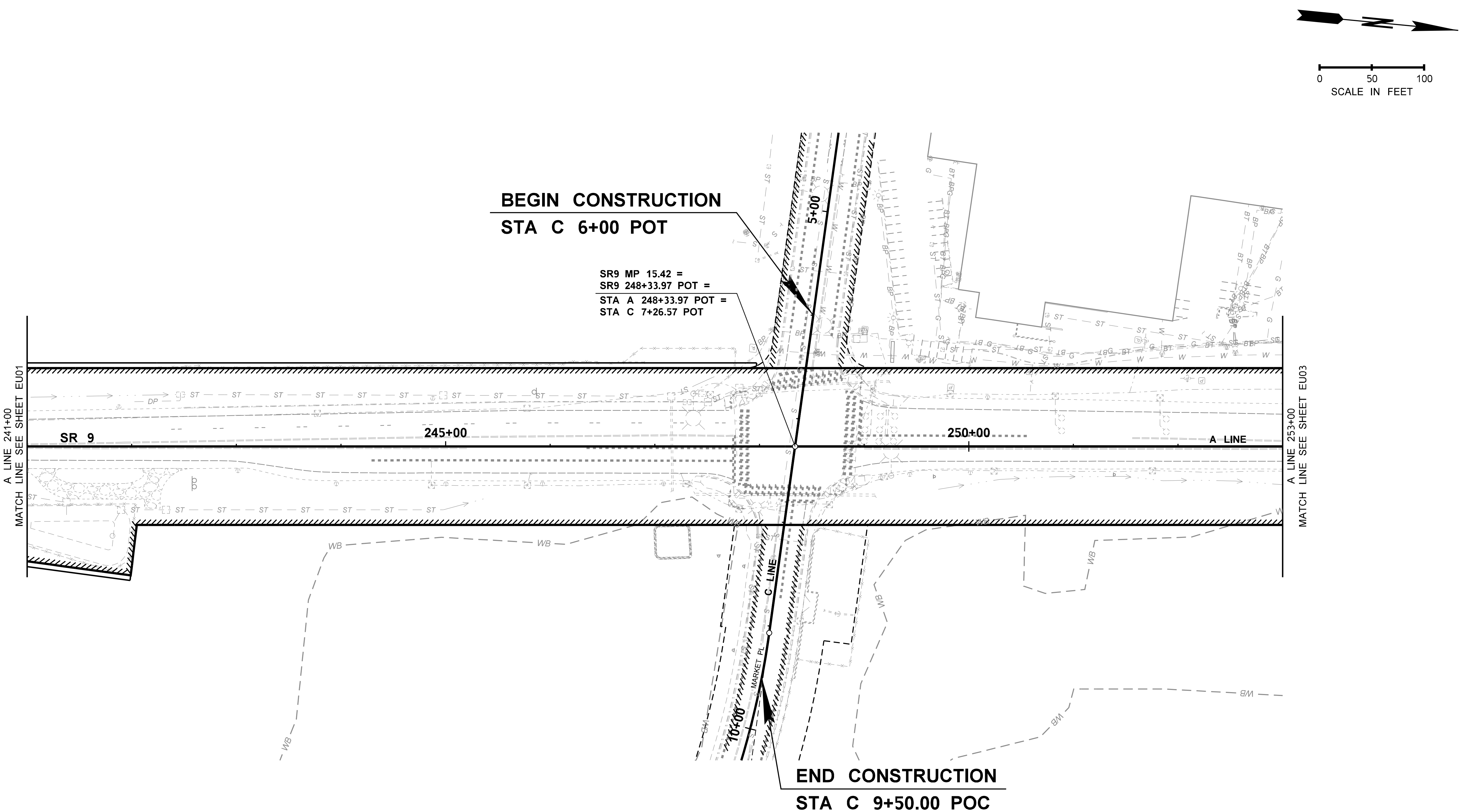
PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)
EXISTING UTILITY PLAN

PLAN REF NO EU01
SHEET 17 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13



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NOTES:

1. SEE SHEET EU01 FOR EXISTING UTILITY PLAN GENERAL NOTES AND LEGEND.
2. CONTRACTING AGENCY-SUPPLIED GAS VALVE BOX TOP AND COVER TO BE INSTALLED DURING ADJUSTMENT TO FINAL GRADE. SEE SPECIAL PROVISION "ADJUST VALVE BOX".

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PLOTTED BY	p0009429
DESIGNED BY	G.SIEBERS
ENTERED BY	K. MCWILLIAMS
CHECKED BY	M. OCHOA
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED PROFESSIONAL ENGINEER
P.E. STAMP BOX DATE

PARSONS

Washington State Department of Transportation

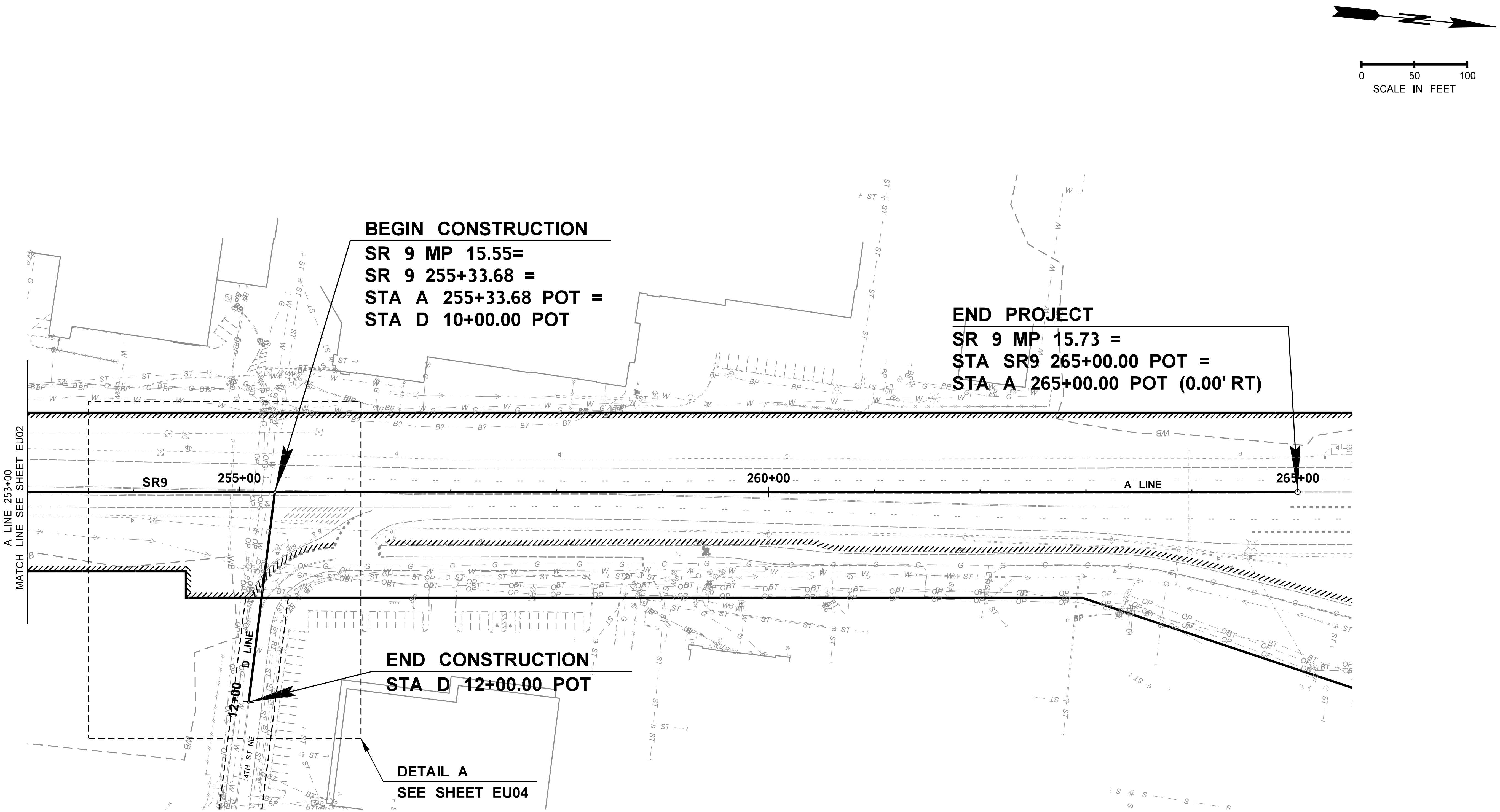
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

EXISTING UTILITY PLAN

PLAN REF NO EU02

SHEET 18 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13



NOTES:

1. SEE SHEET EU01 FOR EXISTING UTILITY PLAN GENERAL NOTES AND LEGEND.
2. CONTRACTING AGENCY-SUPPLIED GAS VALVE BOX TOP AND COVER TO BE INSTALLED DURING ADJUSTMENT TO FINAL GRADE. SEE SPECIAL PROVISION "ADJUST VALVE BOX".

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CHECKED BY	M. OCHOA				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES — STATE OF WASHINGTON — 43476 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

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Department of Transportation

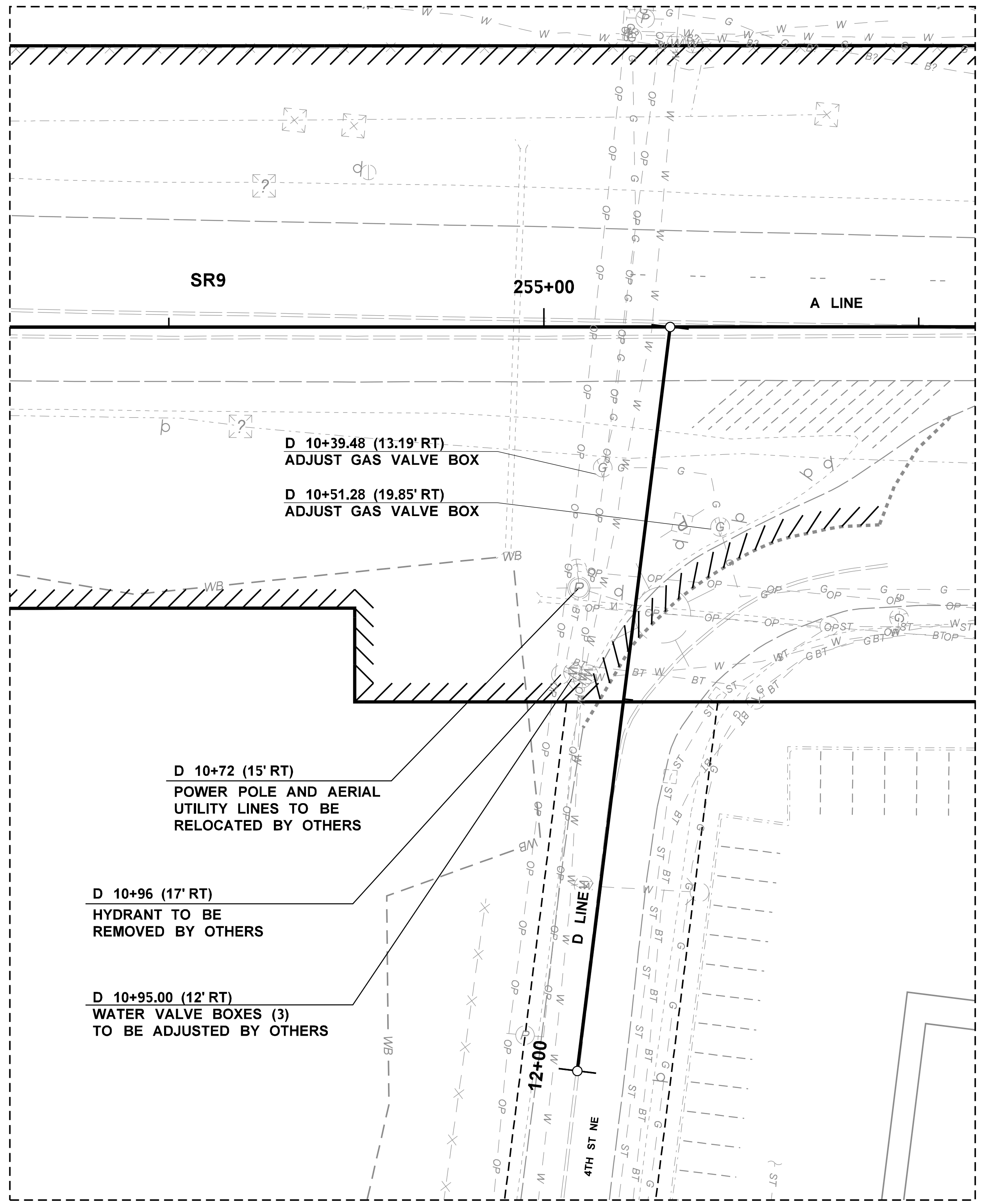
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

EXISTING UTILITY PLAN

PLAN REF NO
EU03

SHEET
19
OF
161
SHEETS

T. 29N. R. 5E. W.M. SEC. 13



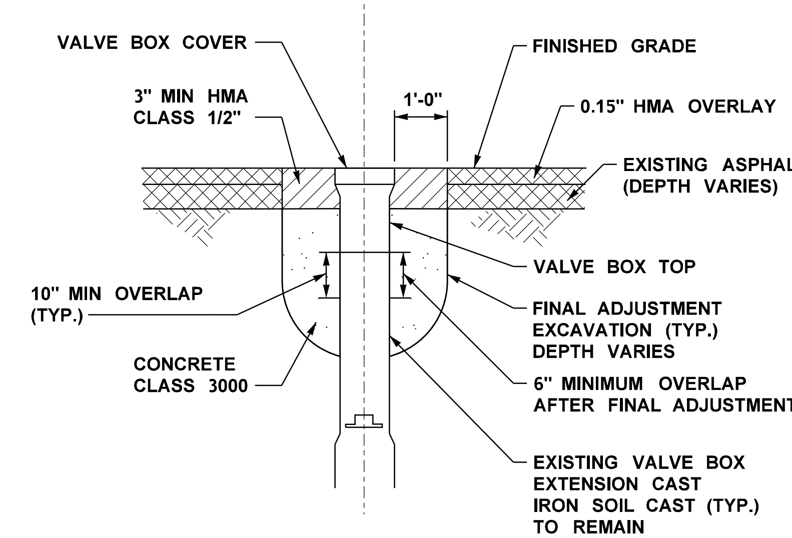
DETAIL A

4TH ST NE INTERSECTION

0 20 40

SCALE IN FEET

ADJUSTMENT/REPLACEMENT OF EXISTING VALVE BOX TOP IN HMA PAVEMENT



VALVE BOX DETAIL

NOT TO SCALE

NOTES:

1. SEE SHEET EU01 FOR EXISTING UTILITY PLAN GENERAL NOTES AND LEGEND.
2. CONTRACTING AGENCY-SUPPLIED GAS VALVE BOX TOP AND COVER TO BE INSTALLED DURING ADJUSTMENT TO FINAL GRADE. SEE SPECIAL PROVISION "ADJUST VALVE BOX".

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DESIGNED BY	B. HASSANE					
ENTERED BY	K. MCWILLIAMS					
CHECKED BY	M. OCHOA					
PROJ. ENGR.	K. NDILE					
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

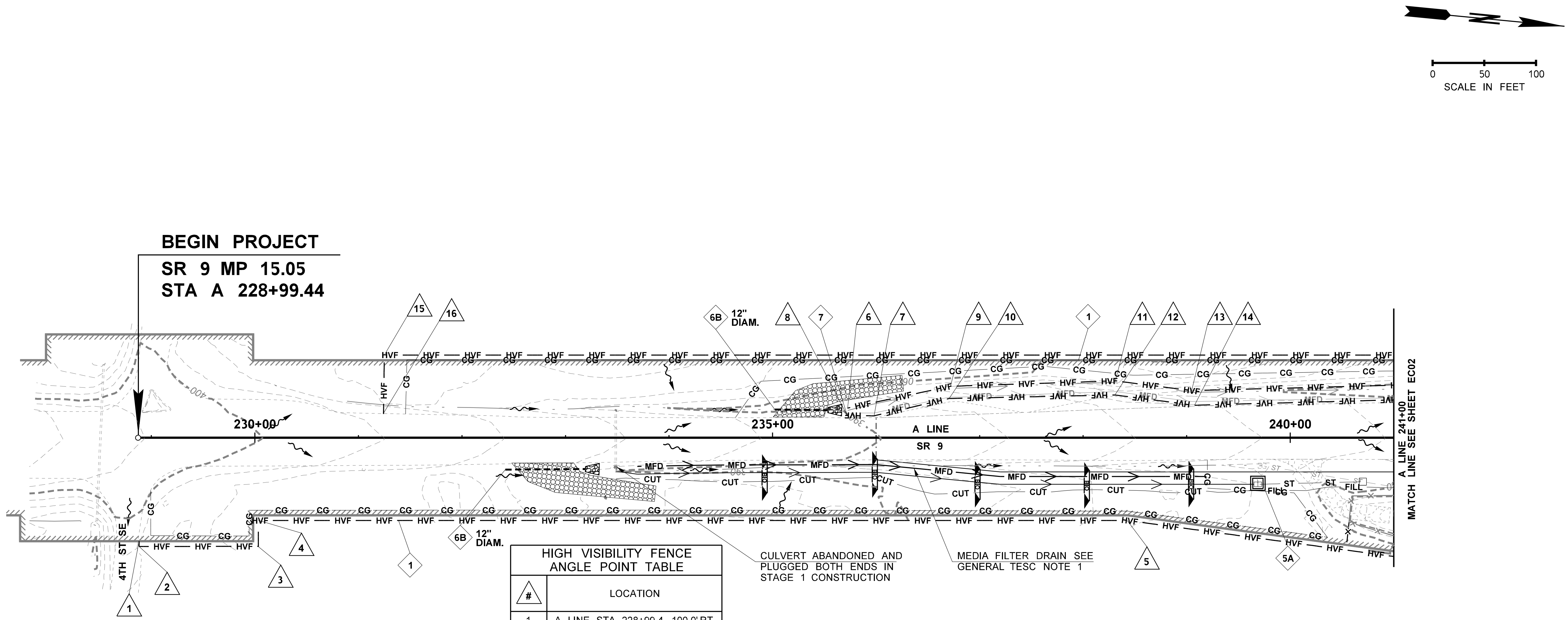
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

EXISTING UTILITY PLAN

PLAN REF NO EU04

SHEET 20 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13



HIGH VISIBILITY FENCE ANGLE POINT TABLE	
#	LOCATION
1	A LINE STA 228+99.4, 100.0' RT
2	A LINE STA 228+99.4, 105.0' RT
3	A LINE STA 230+14.4, 105.0' RT
4	A LINE STA 230+14.4, 80.0' RT
5	A LINE STA 238+42.6, 80.0' RT
6	A LINE STA 235+72.6, 28.8' LT
7	A LINE STA 235+98.1, 21.2' LT
8	A LINE STA 235+72.0, 21.6' LT
9	A LINE STA 236+71.8, 49.8' LT
10	A LINE STA 236+70.6, 37.9' LT
11	A LINE STA 238+31.0, 55.0' LT
12	A LINE STA 238+30.7, 41.4' LT
13	A LINE STA 239+04.9, 45.6' LT
14	A LINE STA 239+07.6, 31.5' LT
15	A LINE STA 231+21.1, 80.0' LT
16	A LINE STA 231+21.1, 23.0' LT

NOTES:

1. FOR GENERAL TESC NOTES AND CONSTRUCTION NOTES 1, 5A, 6B, AND 7, SEE TESC DETAIL SHEET ECD01.
2. CONTRACTOR SHALL NOT CLEAR AND GRUB AREAS WITHOUT THE APPROVAL OF THE ENGINEER ON RECORD AND SHALL KEEP THE CLEARING AND GRUBBING LIMIT AT THE RIGHT OF WAY LINE.

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NOT FOR CONSTRUCTION

LEGEND

	INLET PROTECTION
BIO	BIODEGRADABLE CHECK DAM
- HVF — HVF -	HIGH VISIBILITY FENCE
- HVS — HVS -	HIGH VISIBILITY SILT FENCE
	EXISTING FENCE
	TEMPORARY PIPE OUTFALL PROTECTION
	MAINTENANCE ACCESS ROAD
	EXISTING MAINTENANCE ACCESS ROAD
	STABILIZED CONSTRUCTION ENTRANCE
	SURFACE FLOW DIRECTION
FILL	FILL LINE
CUT	CUT LINE
CG	CLEARING AND GRUBBING BOUNDARY
?	CONSTRUCTION NOTE
WB	EXISTING WETLAND BOUNDARY
	EXISTING WETLAND BUFFER
ST — ST	EXISTING STORM SEWER LINE
	EXISTING CULVERT
	EXISTING DITCH
	EXISTING CATCH BASIN
	CATCH BASIN OR GRATE INLET
ST — ST	STORM SEWER LINE
	DITCH BOTTOM
MFD	MEDIA FILTER DRAIN
	COMPOST-AMENDED BIOFILTRATION SWALE
	TEMPORARY PIPE

FILE NAME	c:\pw_working\wastate\parsons_epw23968\dms08748\Stage_2_Y-11834_PS_EC_001.dgn
TIME	4:53:38 PM
DATE	9/27/2020
PLOTTED BY	nicolec
DESIGNED BY	T. HEW
ENTERED BY	J. ROMERO
CHECKED BY	C. COVINGTON
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX — DATE

PARSONS

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TESC PLAN

PLAN REF NO EC01

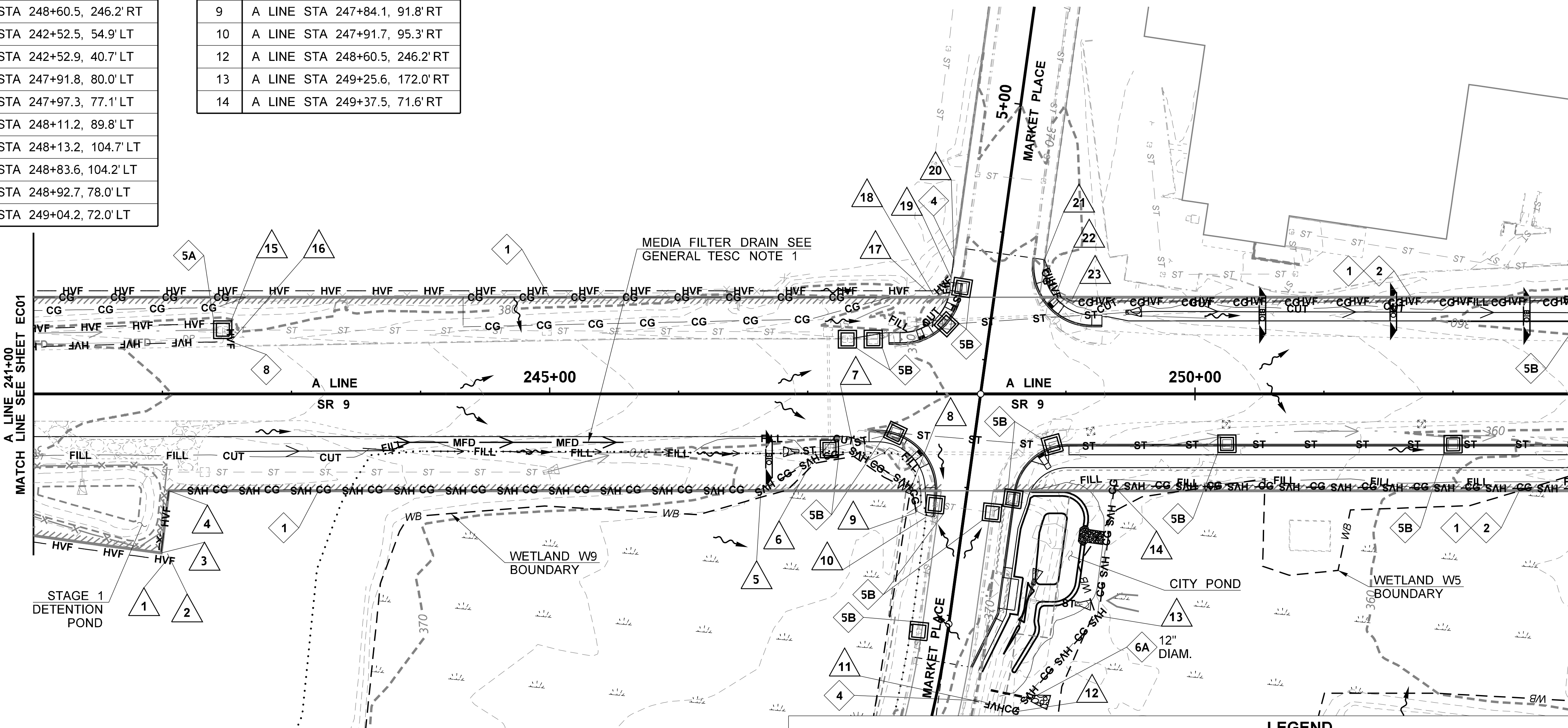
SHEET 21 OF 161 SHEETS

HIGH VISIBILITY FENCE ANGLE POINT TABLE	
#	LOCATION
1	A LINE STA 242+03.4, 128.7' RT
2	A LINE STA 242+03.9, 123.6' RT
3	A LINE STA 241+99.0, 123.1' RT
4	A LINE STA 242+05.0, 75.0' RT
11	A LINE STA 248+30.3, 237.4' RT
12	A LINE STA 248+60.5, 246.2' RT
15	A LINE STA 242+52.5, 54.9' LT
16	A LINE STA 242+52.9, 40.7' LT
17	A LINE STA 247+91.8, 80.0' LT
18	A LINE STA 247+97.3, 77.1' LT
19	A LINE STA 248+11.2, 89.8' LT
20	A LINE STA 248+13.2, 104.7' LT
21	A LINE STA 248+83.6, 104.2' LT
22	A LINE STA 248+92.7, 78.0' LT
23	A LINE STA 249+04.2, 72.0' LT

HIGH VISIBILITY SILT FENCE ANGLE POINT TABLE	
#	LOCATION
4	A LINE STA 242+05.0, 75.0' RT
5	A LINE STA 246+63.7, 75.0' RT
6	A LINE STA 247+04.0, 51.0' RT
7	A LINE STA 247+36.3, 45.1' RT
8	A LINE STA 247+80.4, 71.7' RT
9	A LINE STA 247+84.1, 91.8' RT
10	A LINE STA 247+91.7, 95.3' RT
12	A LINE STA 248+60.5, 246.2' RT
13	A LINE STA 249+25.6, 172.0' RT
14	A LINE STA 249+37.5, 71.6' RT

T. 29N. R. 5E. W.M. SEC. 13

0 50 100
SCALE IN FEET



LEGEND

INLET PROTECTION
BIODEGRADABLE CHECK DAM
HIGH VISIBILITY FENCE
HIGH VISIBILITY SILT FENCE
EXISTING FENCE
TEMPORARY PIPE OUTFALL PROTECTION
MAINTENANCE ACCESS ROAD
EXISTING MAINTENANCE ACCESS ROAD
STABILIZED CONSTRUCTION ENTRANCE
SURFACE FLOW DIRECTION
FILL LINE
CUT LINE
CLEARING AND GRUBBING BOUNDARY
CONSTRUCTION NOTE
EXISTING WETLAND BOUNDARY
EXISTING WETLAND BUFFER
EXISTING STORM SEWER LINE
EXISTING CULVERT
EXISTING DITCH
EXISTING CATCH BASIN
CATCH BASIN OR GRATE INLET
STORM SEWER LINE
DITCH BOTTOM
MEDIA FILTER DRAIN
COMPOST-AMENDED BIOFILTRATION SWALE
TEMPORARY PIPE

NOTES:

1. FOR GENERAL TESC NOTES AND CONSTRUCTION NOTES 1, 5A, 6B, AND 7, SEE TESC DETAIL SHEET ECD01.
2. CONTRACTOR SHALL NOT CLEAR AND GRUB AREAS WITHOUT THE APPROVAL OF THE ENGINEER ON RECORD AND SHALL KEEP THE CLEARING AND GRUBBING LIMIT AT THE RIGHT OF WAY LINE.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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DATE	9/27/2020
PLOTTED BY	nicolec
DESIGNED BY	T. HEW
ENTERED BY	J. ROMERO
CHECKED BY	C. COVINGTON
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO | REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

CHEYENNE S. COVINGTON
STATE OF WASHINGTON
40803
REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS
OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)
TESC PLAN

PLAN REF NO EC02
SHEET 22 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

END PROJECT
SR 9 MP 15.73
STA A 265+00.00

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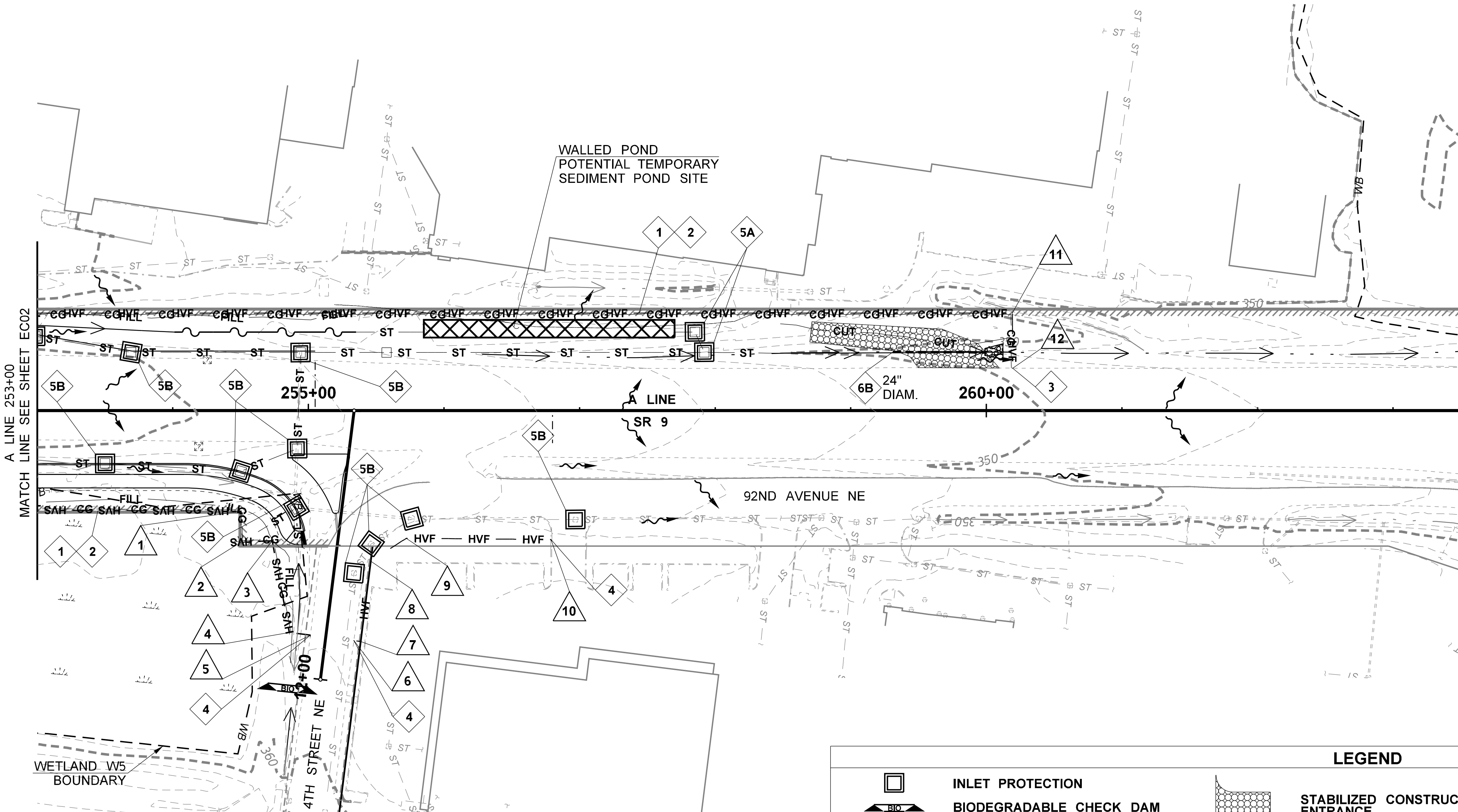
SCALE IN FEET



HIGH VISIBILITY SILT FENCE ANGLE POINT TABLE	
#	LOCATION
1	A LINE STA 254+49.6, 76.7' RT
2	A LINE STA 254+49.4, 99.5' RT
3	A LINE STA 254+72.5, 98.7' RT
4	A LINE STA 254+84.6, 166.6' RT

HIGH VISIBILITY FENCE ANGLE POINT TABLE	
#	LOCATION
4	A LINE STA 254+84.6, 166.6' RT
5	A LINE STA 255+00.0, 168.6' RT
6	A LINE STA 255+32.4, 172.9' RT
7	A LINE STA 255+37.7, 173.6' RT
8	A LINE STA 255+45.6, 114.4' RT
9	A LINE STA 255+72.6, 97.5' RT
10	A LINE STA 256+79.9, 97.4' RT
11	A LINE STA 260+18.0, 73.8' LT
12	A LINE STA 260+18.9, 33.2' LT

NOTES:

1. FOR GENERAL TESC NOTES AND CONSTRUCTION NOTES 1, 5A, 6B, AND 7, SEE TESC DETAIL SHEET ECD01.
2. CONTRACTOR SHALL NOT CLEAR AND GRUB AREAS WITHOUT THE APPROVAL OF THE ENGINEER ON RECORD AND SHALL KEEP THE CLEARING AND GRUBBING LIMIT AT THE RIGHT OF WAY LINE.

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NOT FOR CONSTRUCTION

LEGEND

- INLET PROTECTION
- BIO — BIODEGRADABLE CHECK DAM
- HVF — HVF — HIGH VISIBILITY FENCE
- HVS — HVS — HIGH VISIBILITY SILT FENCE
- EXISTING FENCE
- TEMPORARY PIPE OUTFALL PROTECTION
- MAINTENANCE ACCESS ROAD
- EXISTING MAINTENANCE ACCESS ROAD
- STABILIZED CONSTRUCTION ENTRANCE
- SURFACE FLOW DIRECTION
- FILL — FILL LINE
- CUT — CUT LINE
- CG — CLEARING AND GRUBBING BOUNDARY
- ? — CONSTRUCTION NOTE
- WB — EXISTING WETLAND BOUNDARY
- EXISTING WETLAND BUFFER
- ST — ST — EXISTING STORM SEWER LINE
- EXISTING CULVERT
- EXISTING DITCH
- EXISTING CATCH BASIN
- CATCH BASIN OR GRATE INLET
- ST — ST — STORM SEWER LINE
- DITCH BOTTOM
- MFD — MEDIA FILTER DRAIN
- COMPOST-AMENDED BIOFILTRATION SWALE
- TEMPORARY PIPE

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CHECKED BY	C. COVINGTON				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

P.E. STAMP BOX — DATE

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Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)
TESC PLAN

PLAN REF NO EC03
SHEET 23 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

GENERAL TESC NOTES:

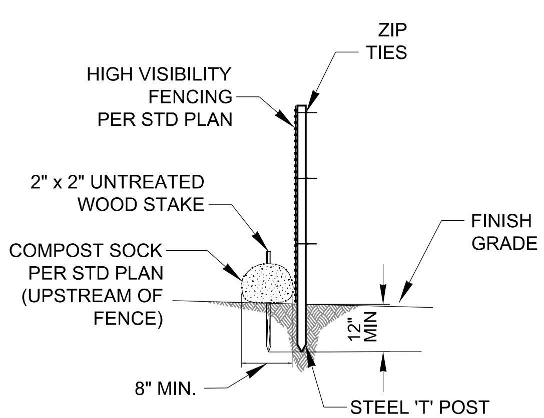
1. NO CONSTRUCTION EQUIPMENT IS ALLOWED IN MEDIA FILTER DRAIN (MFD) AREAS AFTER ROUGH GRADING HAS BEEN COMPLETED. PROTECT MFD AREAS UNTIL FINAL GRADING AND PERMANENT SEEDING OCCURS PER SPECIFICATION 8-02 ROADSIDE RESTORATION. FOR MFD LOCATIONS, SEE DRAINAGE PLAN (DR) AND DRAINAGE DETAIL (DRD) SHEETS.
2. CLEARING AND GRUBBING SHALL BE LIMITED TO THE WORK AREA DELINEATED BY EACH CONSTRUCTION PHASE. FOR CLEARING AND GRUBBING BOUNDARIES, SEE SITE PREPARATION (SP) SHEETS.
3. STORM DRAIN INLET PROTECTION IS REQUIRED ON EXISTING OR NEWLY INSTALLED STORM DRAIN STRUCTURES WHICH ARE LIKELY TO RECEIVE RUNOFF FROM THE DISTURBED AREAS DURING CONSTRUCTION.
4. MAINTAIN HIGH VISIBILITY FENCE (HVF), COMPOST SOCK, STABILIZED CONSTRUCTION ENTRANCES, AND INLET PROTECTIONS THROUGH ALL CONSTRUCTION PHASES UNTIL PERMANENT STABILIZATION IS IN PLACE.
5. ALL CUT AND FILL SLOPES, AND CLEARED AND GRUBBED AREAS SHALL BE STABILIZED BY APPLYING EROSION CONTROL BMPS PER STD SPECIFICATION 8-01.3(1) OR PERMANENT COVER PER SOIL PREPARATION PLAN (SPP) SHEETS.
6. FOR DRAINAGE FEATURES, SEE DRAINAGE (DR) PLAN, DRAINAGE PROFILE (DP), AND DRAINAGE DETAIL (DRD) SHEETS.
7. STABILIZED CONSTRUCTION ENTRANCES AND TEMPORARY SEDIMENT TRAP SHALL BE INSTALLED PER STD PLAN I-80.10. BIODEGRADABLE CHECK DAMS SHALL BE INSTALLED PER STD PLAN I-50.20.

CONSTRUCTION NOTES:

1. INSTALL HVF OR HVS FENCE AT EDGE OF RIGHT-OF-WAY, AND FOLLOWING FENCE ANGLE POINT TABLE ON SHEET EC01, EC02 AND EC03.
2. INSTALL HVF OR HFS FENCE MINIMUM 1 FOOT BEYOND CLEARING AND GRUBBING LIMITS.
3. INSTALL HVF OR HFS FENCE 1 FOOT FROM CONSTRUCTION ENTRANCE / ACCESS ROAD EDGE.
4. STOP HVF OR HFS FENCE AT BACK OF SIDEWALK.
5. INLET PROTECTION PER
   A. STD PLAN I-40.10
   B. STD PLAN I-40.20
6. INSTALL TEMPORARY PIPE
   A. TO BYPASS DITCH FLOW DURING STORM DRAIN AND DETENTION POND CONSTRUCTION.
   B. ACROSS CONSTRUCTION ACCESS.
   C. TO BYPASS OFFSITE DITCH FLOW DURING STORM DRAIN CONSTRUCTION.
7. BEGIN COMPOST SOCK PER STANDARD PLAN 1-30.40 AND DETAIL THIS SHEET.
8. END COMPOST SOCK PER STANDARD PLAN 1-30.40 AND DETAIL THIS SHEET.

HIGH VISIBILITY FENCE QUANTITY

SHEET	QUANTITY (LF)	GENERAL NOTES
EC01	3344	1. SEE HIGH VISIBILITY FENCE STANDARD PLAN I-10.10
EC02	1672	
EC03	980	
TOTAL	5996	



HIGH VISIBILITY FENCE W/ COMPOST SOCK DETAIL

NTS

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PLOTTED BY	nicolec
DESIGNED BY	T. HEW
ENTERED BY	J. ROMERO
CHECKED BY	C. COVINGTON
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

P.E. STAMP BOX | DATE

PARSONS

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TESC DETAILS

PLAN REF NO ECD01

SHEET 24 OF 161 SHEETS

STRUCTURE NOTES

NOTE:
THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE.

THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.

CODE	LOCATION ⮛ \ UNIT OF MEASURE ⮚	REMOVING DRAINAGE STRUCTURE	REMOVING STORM SEWER PIPE	ROADWAY EXCAVATION INCL. HAUL - AREA	GRATE INLET TYPE 2	QUARRY SPALLS		DRAIN PIPE 6 IN. DIAM.	CATCH BASIN TYPE 2 60 IN. DIAM. W/FR & CAGE	CATCH BASIN TYPE 1	CATCH BASIN TYPE 2 48 IN. DIAM.	CATCH BASIN TYPE 2 54 IN. DIAM.		CATCH BASIN TYPE 2 60 IN. DIAM.	TESTING STORM SEWER PIPE	SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	SEE GENERAL NOTES
		EACH	L.F.	C.Y.	EACH	TON		L.F.	EACH	EACH	EACH	EACH		EACH	L.F.	L.F.	
DR01-1	A Line 233+69.0 (28' RT) TO A Line 239+19.0 (37' RT)																10
DR01-2	A LINE 239+18.0 (39.5 RT) TO A LINE 239+69.0 (43.1 RT)							54									
DR01-3	A Line 239+72.8 (27' LT) TO A Line 239+72.8 (27' LT)	1	99														16,17
DR01-4	A LINE 239+69.0 (43.1 RT) TO A LINE 240+70.0 (41.8 RT)				1										101	101	3, 7
DR01-5	A LINE 240+70.0 (41.8 RT) TO A LINE 241.39.8 (53.4 RT)										1						2
DR02-1	A Line 243+88.0 (37' RT) TO A Line 245+57.0 (37' RT)																10
DR02-2	A LINE 245+57.0 (40.0 RT) TO 0 246+81.0 (41.9 RT)							123									
DR02-3	A LINE 246+86.0 (44.8 RT) TO A LINE 247+17.0 (42.5 RT)					8									31	31	8
DR02-4	A LINE 247+17.0 (42.5 RT) TO A LINE 247+68.0 (30.2 RT)										1				53		2, 6
DR02-5	A LINE 247+68.0 (30.2 RT) TO A LINE 248+91.0 (40.4 RT)										1				123		2, 5
DR02-6	A LINE 248+91.0 (40.4 RT) TO A LINE 250+25.0 (38.9 RT)										1				134		2, 6
DR02-7	A LINE 250+25.0 (38.9 RT) TO A LINE 252+00.0 (38.9 RT)										1				175		14
DR02-8	A LINE 252+00.0 (38.9 RT) TO A LINE 253+50.0 (38.9 RT)										1				150		2, 5
DR02-9	A LINE 248+59.0 (81.2 RT) TO A LINE 248+43.0 (92.0 RT)									1					19		1, 5
DR02-10	A LINE 247+81.0 (56.0 LT) TO A LINE 248+08.0 (53.9 LT)														27		1, 5
DR02-11	A LINE 248+08.0 (53.9 LT) TO A LINE 249+51.0 (63.4 LT)					8					1				143		2, 5, 8
DR02-12	A LINE 248+20.0 (82.3 LT) TO A LINE 248+08.0 (53.9 LT)									1					31		1, 5
DR02-13	A LINE 247+41.0 (45.6' RT) TO A LINE 249+13.0 (46.5' RT)		173														8, 15, 16, 17
DR02-14	A LINE 248+01.0 (85.6' RT)																
DR02-15	A LINE 248+43.0 (92.0' RT)																
DR02-16	A LINE 247+53.0 (42.4' LT)																
DR02-17	A LINE 248+81.0 (216.1' RT) TO A LINE 248+95.0 (76.0' RT)			190		28											12, 13
DR02-18	A LINE 248+79.0 (140.4' RT)					8									38	38	8
DR02-19	A LINE 248+78.0 (157.8' RT) TO A LINE 248+81.0 (148.4' RT)														12	12	16,17
DR02-20	A LINE 249+15.0 (163.0' RT)					8									12	12	8
DR02-21	A LINE 248+64.0 (156.7' RT) TO A LINE 248+93.0 (161.2' RT)		30														16, 17
DR02-22	A LINE 247+72.0 (55.2' LT) TO A LINE 249+26.0 (62.3' LT)	1	144														15,16, 17
DR02-23	A LINE 248+04.0 (56.4' LT)	1	26														16, 17
DR03-1	A LINE 253+50.0 (38.9 RT) TO A LINE 254+50.0 (44.7 RT)										1				100		2, 5
DR03-2	A LINE 254+50.0 (44.7 RT) TO A LINE 254+92.0 (28.1 RT)										1				45		2, 5
DR03-3	A LINE 254+92.0 (28.1 RT) TO A LINE 254+94.0 (42.9 LT)										1				71		2, 6
DR03-4	A LINE 254+94.0 (42.9 LT) TO A LINE 255+53.0 (42.9 LT)										1				63		2, 5
DR03-5	A LINE 255+53.0 (42.9 LT) TO A LINE 257+92.0 (43.1 LT)										1				234		2,5
DR03-6	A LINE 257+92.0 (43.1 LT) TO A LINE 258+48.0 (42.4 LT)					13								1	56		2, 8
DR03-7	A LINE 252+99.0 (54.9 LT) TO A LINE 253+69.0 (43.1 LT)									1					72	72	1, 5
	SHEET TOTAL	3	472	190	1	73		177		3	12			1	1690	266	

GENERAL NOTES:

A. DRAINAGE STRUCTURE STATIONING AND OFFSET IS TO THE CENTER OF THE GRATE REGARDLESS OF STRUCTURE TYPE AND SIZE.

B. PIPE ZONE BEDDING AND BACKFILL PER STD. PLAN B-55.20.

1. SEE CATCH BASIN TYPE 1 – STD PLAN B-5.20.
2. SEE CATCH BASIN TYPE 2 - STD PLAN B-10.20.
3. SEE GRATE INLET TYPE 2 - STD PLAN B-35.40.
4. SEE CATCH BASIN TYPE 2 60 IN. W/FLOW CONTROL & CAGE DETAIL, SHT. DRD05.
5. SEE RECTANGULAR VANED GRATE - STD PLAN B-30.30 AND RECTANGULAR FRAME (REVERSIBLE) - STD PLAN B-30.10.
6. SEE RECTANGULAR SOLID METAL COVER – STD PLAN B-30.20 AND RECTANGULAR FRAME (REVERSIBLE) - STD PLAN B-30.10.
7. SEE WELDED GRATES FOR GRATE INLET (GRATE A) – STD PLAN B-40.20.
8. SEE OUTFALL PROTECTION DETAIL, SHT. DRD02.
9. SEE WALLED DETENTION POND DETAIL, SHT. DRD05 AND SHT. DRD06.
10. SEE SPECIAL PROVISION 7-01 “MEDIA FILTER DRAIN”. SEE DIMENSION AND DETAILS ON SHT. DRD01.
11. SEE COMPOST AMENDED BIOFILTRATION SWALE DETAIL ON SHT. DRD03 AND SHT. DRD04.
12. SEE STABILIZED OVERFLOW SPILLWAY DETAIL ON SHT. DRD07.
13. SEE LAKE STEVENS CITY POND DETAIL ON SHT. DRD07.

DESIGNED BY	T. HEW	09/21/20					
ENTERED BY	S. SRIDHARAN	09/21/20					
CHECKED BY	A. SEETHOFF	09/21/20					
PROJ. ENGR.	K. NDILE	09/21/20					
REGION ADM.	M. COTTEN	09/21/20					
		DATE	DATE	REVISION	BY		

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION No.

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

STRUCTURE NOTES
DRAINAGE

DSN01

SHEET 25 OF 164 SHEETS

STRUCTURE NOTES

NOTE:
THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE.

THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.

CODE	LOCATION ⮟ \ UNIT OF MEASURE ⮞	SCHEDULE A STORM SEWER PIPE 18 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 24 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 36 IN. DIAM.	DUCTILE IRON STORM SEWER PIPE 12 IN. DIAM.	DUCTILE IRON STORM SEWER PIPE 18 IN. DIAM.	CONCRETE PIPE CL IV 12 IN. DIAM.	CONCRETE PIPE CL IV 24 IN. DIAM.	STRUCTURE EXCAVATION CLASS B INCL. HAUL	SHORING OR EXTRA EXCAVATION CLASS B	CONNECTION TO DRAINAGE STRUCTURE	ADJUST CATCH BASIN	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION	MEDIA FILTER DRAIN	BIOFILTRATION SWALE LEVEL SPREADER		SEE GENERAL NOTES
		L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	C.Y.	S.F.	EACH	EACH	S.Y.	L.F.	L.F.		
DR01-1	A Line 233+69.0 (28' RT) TO A Line 239+19.0 (37' RT)													551			10
DR01-2	A LINE 239+18.0 (39.5 RT) TO A LINE 239+69.0 (43.1 RT)								20	170							
DR01-3	A Line 239+72.8 (27' LT) TO A Line 239+72.8 (27' LT)								60	440							16,17
DR01-4	A LINE 239+69.0 (43.1 RT) TO A LINE 240+70.0 (41.8 RT)								80	600							3, 7
DR01-5	A LINE 240+70.0 (41.8 RT) TO A LINE 241.39.8 (53.4 RT)								80	530	1						2
DR02-1	A Line 243+88.0 (37' RT) TO A Line 245+57.0 (37' RT)													169			10
DR02-2	A LINE 245+57.0 (40.0 RT) TO 0 246+81.0 (41.9 RT)								30	240							
DR02-3	A LINE 246+86.0 (44.8 RT) TO A LINE 247+17.0 (42.5 RT)								20	80							8
DR02-4	A LINE 247+17.0 (42.5 RT) TO A LINE 247+68.0 (30.2 RT)		53						60	350	1						2, 6
DR02-5	A LINE 247+68.0 (30.2 RT) TO A LINE 248+91.0 (40.4 RT)		123						140	820							2, 5
DR02-6	A LINE 248+91.0 (40.4 RT) TO A LINE 250+25.0 (38.9 RT)		134						160	910							2, 6
DR02-7	A LINE 250+25.0 (38.9 RT) TO A LINE 252+00.0 (38.9 RT)		175						200	1180							14
DR02-8	A LINE 252+00.0 (38.9 RT) TO A LINE 253+50.0 (38.9 RT)		150						170	990							2, 5
DR02-9	A LINE 248+59.0 (81.2 RT) TO A LINE 248+43.0 (92.0 RT)				19				10	60	1						1, 5
DR02-10	A LINE 247+81.0 (56.0 LT) TO A LINE 248+08.0 (53.9 LT)						27		20	130	1						1, 5
DR02-11	A LINE 248+08.0 (53.9 LT) TO A LINE 249+51.0 (63.4 LT)						143		50	330							2, 5, 8
DR02-12	A LINE 248+20.0 (82.3 LT) TO A LINE 248+08.0 (53.9 LT)						31		20	130							1, 5
DR02-13	A LINE 247+41.0 (45.6' RT) TO A LINE 249+13.0 (46.5' RT)								110	780							8, 15, 16, 17
DR02-14	A LINE 248+01.0 (85.6' RT)											1					
DR02-15	A LINE 248+43.0 (92.0' RT)										1	1					
DR02-16	A LINE 247+53.0 (42.4' LT)											1					
DR02-17	A LINE 248+81.0 (216.1' RT) TO A LINE 248+95.0 (76.0' RT)												65				12, 13
DR02-18	A LINE 248+79.0 (140.4' RT)								10	70							8
DR02-19	A LINE 248+78.0 (157.8' RT) TO A LINE 248+81.0 (148.4' RT)										1						16,17
DR02-20	A LINE 249+15.0 (163.0' RT)								10	70	1						8
DR02-21	A LINE 248+64.0 (156.7' RT) TO A LINE 248+93.0 (161.2' RT)								20	140							16, 17
DR02-22	A LINE 247+72.0 (55.2' LT) TO A LINE 249+26.0 (62.3' LT)								90	660							15,16, 17
DR02-23	A LINE 248+04.0 (56.4' LT)								20	130							16, 17
DR03-1	A LINE 253+50.0 (38.9 RT) TO A LINE 254+50.0 (44.7 RT)							100	110	610							2, 5
DR03-2	A LINE 254+50.0 (44.7 RT) TO A LINE 254+92.0 (28.1 RT)							45	50	270							2, 5
DR03-3	A LINE 254+92.0 (28.1 RT) TO A LINE 254+94.0 (42.9 LT)							71	70	400							2, 6
DR03-4	A LINE 254+94.0 (42.9 LT) TO A LINE 255+53.0 (42.9 LT)							63	60	330							2, 5
DR03-5	A LINE 255+53.0 (42.9 LT) TO A LINE 257+92.0 (43.1 LT)		234						170	1020							2,5
DR03-6	A LINE 257+92.0 (43.1 LT) TO A LINE 258+48.0 (42.4 LT)		56						40	180							2, 8
DR03-7	A LINE 252+99.0 (54.9 LT) TO A LINE 253+69.0 (43.1 LT)								60	400							1, 5
	SHEET TOTAL		925		19		201	279	1940	12020	7	3	65	720			

GENERAL NOTES:

A. DRAINAGE STRUCTURE STATIONING AND OFFSET IS TO THE CENTER OF THE GRATE REGARDLESS OF STRUCTURE TYPE AND SIZE.

B. PIPE ZONE BEDDING AND BACKFILL PER STD. PLAN B-55.20.

14. SEE WALLED DETENTION POND MAINTENANCE ACCESS ROAD DETAIL ON SHT. DRD02.
15. REMOVE CULVERT
16. DRAINAGE STRUCTURES AND CULVERT PIPES TO BE REMOVED, ABANDONED, OR PLUGGED ARE NO LONGER NEEDED.
17. ALL PIPES AND STRUCTURES TO BE REMOVED, ABANDONED, OR PLUGGED SHALL BE CLEANED PRIOR TO REMOVAL, ABANDONDING, OR PLUGGING.

DESIGNED BY	T. HEW	09/21/20			
ENTERED BY	S. SRIDHARAN	09/21/20			
CHECKED BY	A. SEETHOFF	09/21/20			
PROJ. ENGR.	K. NDILE	09/21/20			
REGION ADM.	M. COTTEN	09/21/20			
		DATE	DATE	REVISION	BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	

JOB NUMBER

CONTRACT NO. | LOCATION No.

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

STRUCTURE NOTES
DRAINAGE

DSN02

SHEET 26 OF 164 SHEETS

STRUCTURE NOTES

NOTE:
THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE.

THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.

CODE	LOCATION ⮟ \ UNIT OF MEASURE ⮞	REMOVING DRAINAGE STRUCTURE	REMOVING STORM SEWER PIPE	ROADWAY EXCAVATION INCL. HAUL - AREA	GRATE INLET TYPE 2	QUARRY SPALLS		DRAIN PIPE 6 IN. DIAM.	CATCH BASIN TYPE 2 60 IN. DIAM. W/FR & CAGE	CATCH BASIN TYPE 1	CATCH BASIN TYPE 2 48 IN. DIAM.	CATCH BASIN TYPE 2 54 IN. DIAM.		CATCH BASIN TYPE 2 60 IN. DIAM.	TESTING STORM SEWER PIPE	SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	SEE GENERAL NOTES
		EACH	L.F.	C.Y.	EACH	TON		L.F.	EACH	EACH	EACH	EACH		EACH	L.F.	L.F.	
DR03-8	A LINE 253+69.0 (43.1 LT) TO A LINE 254+94.0 (42.9 LT)									1					125		1, 5
DR03-9	A Line 254+03.1 (58' LT) TO A Line 255+35.1 (58' LT)			60		16											8, 11
DR03-10	A LINE 255+35.0 (58.0 LT) TO A LINE 255+85.0 (58.0 LT)														50	50	
DR03-11	A LINE 257+85.0 (58.1 LT) TO A LINE 257+92.0 (43.1 LT)								1						17		2, 4
DR03-12	A LINE 254+63.0 (89.5 RT) TO A LINE 254+91.0 (71.9 RT)														33		
DR03-13	A LINE 254+91.0 (71.9 RT) TO A LINE 254+99.0 (72.6 RT)											1			8		2, 5
DR03-14	A LINE 254+93.0 (105.2 RT) TO A LINE 254+91.0 (71.9 RT)														33	33	8
DR03-15	A LINE 254+90.5 (60.1' LT) TO A LINE 254+92.0 (28.1' LT)		108														16, 17
DR03-16	A LINE 255+43.0 (35.5' LT) TO A LINE 258+16 (31.2' LT)																14
DR03-17	A LINE 257+86.0 (56.2' LT) TO A LINE 257+91.0 (45.3' LT)					12											
																	8
DR03-18	A LINE 257+72.0 (56.7' LT) TO A LINE 257+87.0 (56.9' LT)														15		14
	SHEET TOTAL		108	60		28			1	1		1			281	83	
	PROJECT TOTAL	3	580	250	1	101		177	1	4	12	1		1	1971	349	

GENERAL NOTES:

A. DRAINAGE STRUCTURE STATIONING AND OFFSET IS TO THE CENTER OF THE GRATE REGARDLESS OF STRUCTURE TYPE AND SIZE.

B. PIPE ZONE BEDDING AND BACKFILL PER STD. PLAN B-55.20.

1. SEE CATCH BASIN TYPE 1 – STD PLAN B-5.20.
2. SEE CATCH BASIN TYPE 2 - STD PLAN B-10.20.
3. SEE GRATE INLET TYPE 2 - STD PLAN B-35.40.
4. SEE CATCH BASIN TYPE 2 60 IN. W/FLOW CONTROL & CAGE DETAIL, SHT. DRD05.
5. SEE RECTANGULAR VANED GRATE - STD PLAN B-30.30 AND RECTANGULAR FRAME (REVERSIBLE) - STD PLAN B-30.10.
6. SEE RECTANGULAR SOLID METAL COVER – STD PLAN B-30.20 AND RECTANGULAR FRAME (REVERSIBLE) - STD PLAN B-30.10.
7. SEE WELDED GRATES FOR GRATE INLET (GRATE A) – STD PLAN B-40.20.
8. SEE OUTFALL PROTECTION DETAIL, SHT. DRD02.
9. SEE WALLED DETENTION POND DETAIL, SHT. DRD05 AND SHT. DRD06.
10. SEE SPECIAL PROVISION 7-01 "MEDIA FILTER DRAIN". SEE DIMENSION AND DETAILS ON SHT. DRD01.
11. SEE COMPOST AMENDED BIOFILTRATION SWALE DETAIL ON SHT. DRD03 AND SHT. DRD04.
12. SEE STABILIZED OVERFLOW SPILLWAY DETAIL ON SHT. DRD07.
13. SEE LAKE STEVENS CITY POND DETAIL ON SHT. DRD07.

			DATE	REVISION	BY
DESIGNED BY	T. HEW	09/21/20			
ENTERED BY	S. SRIDHARAN	09/21/20			
CHECKED BY	A. SEETHOFF	09/21/20			
PROJ. ENGR.	K. NDILE	09/21/20			
REGION ADM.	M. COTTEN	09/21/20			
		DATE			

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	

JOB NUMBER

CONTRACT NO.

LOCATION No.

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

STRUCTURE NOTES
DRAINAGE

DSN03

STRUCTURE NOTES

NOTE:
THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE.

THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET.

CODE	LOCATION ⮛ \ UNIT OF MEASURE ⮚	SCHEDULE A STORM SEWER PIPE 18 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 24 IN. DIAM.	SCHEDULE A STORM SEWER PIPE 36 IN. DIAM.	DUCTILE IRON STORM SEWER PIPE 12 IN. DIAM.	DUCTILE IRON STORM SEWER PIPE 18 IN. DIAM.	CONCRETE PIPE CL IV 12 IN. DIAM.	CONCRETE PIPE CL IV 24 IN. DIAM.	STRUCTURE EXCAVATION CLASS B INCL. HAUL	SHORING OR EXTRA EXCAVATION CLASS B	CONNECTION TO DRAINAGE STRUCTURE	ADJUST CATCH BASIN	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION	MEDIA FILTER DRAIN	BIOFILTRATION SWALE LEVEL SPREADER		SEE GENERAL NOTES
		L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	C.Y.	S.F.	EACH	EACH	S.Y.	L.F.	L.F.		
DR03-8	A LINE 253+69.0 (43.1 LT) TO A LINE 254+94.0 (42.9 LT)							125	90	640							1, 5
DR03-9	A Line 254+03.1 (58' LT) TO A Line 255+35.1 (58' LT)												20		18		8, 11
DR03-10	A LINE 255+35.0 (58.0 LT) TO A LINE 255+85.0 (58.0 LT)								20	100							
DR03-11	A LINE 257+85.0 (58.1 LT) TO A LINE 257+92.0 (43.1 LT)		17						40	160							2, 4
DR03-12	A LINE 254+63.0 (89.5 RT) TO A LINE 254+91.0 (71.9 RT)	33								100							
DR03-13	A LINE 254+91.0 (71.9 RT) TO A LINE 254+99.0 (72.6 RT)					8			10	20	1						2, 5
DR03-14	A LINE 254+93.0 (105.2 RT) TO A LINE 254+91.0 (71.9 RT)								20	80							8
DR03-15	A LINE 254+90.5 (60.1' LT) TO A LINE 254+92.0 (28.1' LT)								70	480							16, 17
DR03-16	A LINE 255+43.0 (35.5' LT) TO A LINE 258+16 (31.2' LT)												460				14
DR03-17	A LINE 257+86.0 (56.2' LT) TO A LINE 257+91.0 (45.3' LT)												220				
																	8
DR03-18	A LINE 257+72.0 (56.7' LT) TO A LINE 257+87.0 (56.9' LT)			15					30	130							14
	SHEET TOTAL	33	17	15		8		125	280	1710	1		700		18		
	PROJECT TOTAL	33	942	15	19	8	201	404	2220	13730	8	3	765	720	18		

GENERAL NOTES:

A. DRAINAGE STRUCTURE STATIONING AND OFFSET IS TO THE CENTER OF THE GRATE REGARDLESS OF STRUCTURE TYPE AND SIZE.

B. PIPE ZONE BEDDING AND BACKFILL PER STD. PLAN B-55.20.

14. SEE WALLED DETENTION POND MAINTENANCE ACCESS ROAD DETAIL ON SHT. DRD02.
15. REMOVE CULVERT
16. DRAINAGE STRUCTURES AND CULVERT PIPES TO BE REMOVED, ABANDONED, OR PLUGGED ARE NO LONGER NEEDED.
17. ALL PIPES AND STRUCTURES TO BE REMOVED, ABANDONED, OR PLUGGED SHALL BE CLEANED PRIOR TO REMOVAL, ABANDONDING, OR PLUGGING.

DESIGNED BY	T. HEW	09/21/20			
ENTERED BY	S. SRIDHARAN	09/21/20			
CHECKED BY	A. SEETHOFF	09/21/20			
PROJ. ENGR.	K. NDILE	09/21/20			
REGION ADM.	M. COTTEN	09/21/20			
		DATE	DATE	REVISION	BY

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION No.

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

STRUCTURE NOTES
DRAINAGE

DSN04

SHEET 28 OF 164 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

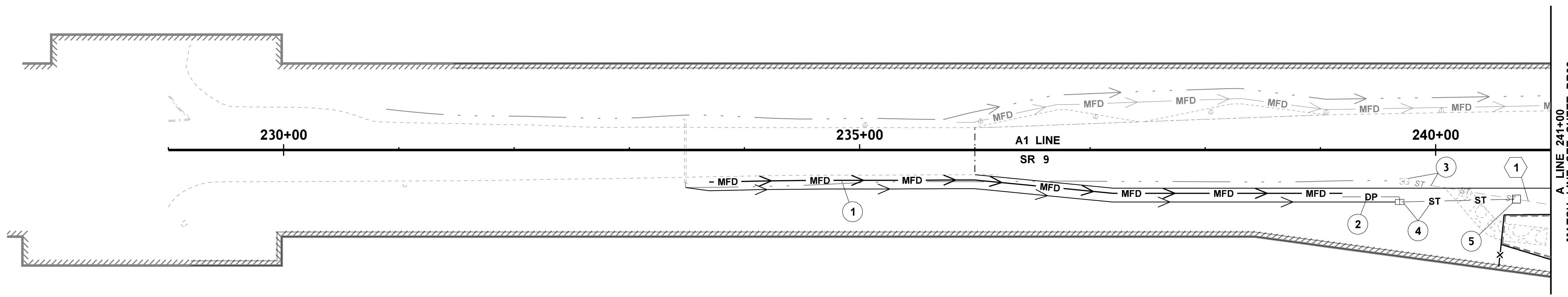
NOTES:

1. FOR DRAINAGE PROFILES, SEE DP SHEETS.
2. FOR DRAINAGE DETAILS INCLUDING DRAINAGE DITCHES, MEDIA FILTER DRAIN (MFD), COMPOST AMENDED BIOFILTRATION SWALE (CABS), AND WALLED DETENTION POND DETAILS, SEE DRAINAGE DETAIL (DRD) SHEETS.

CONSTRUCTION NOTES:

1 CLEAN DRAINAGE STRUCTURE PER STANDARD SPECIFICATION 7-07.3

0 50 100
SCALE IN FEET



LEGEND

STRUCTURE NOTE CODE	EXISTING WETLAND BOUNDARY
EXISTING DITCH BOTTOM	EXISTING MAINTENANCE ACCESS ROAD
EXISTING CATCH BASIN	STORM SEWER LINE
EXISTING MANHOLE	CATCH BASIN
EXISTING CULVERT	GRATE INLET
EXISTING STORM SEWER LINE	WALLED DETENTION POND
EXISTING MEDIA FILTER DRAIN	DITCH BOTTOM
	MEDIA FILTER DRAIN (MFD)

COMPOST AMENDED BIOFILTRATION SWALE (CABS)
DRAIN PIPE LINE
CHAIN LINK FENCE
NOISE WALL
OUTFALL PROTECTION
MAINTENANCE ACCESS ROAD

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

FILE NAME	c:\pw_working\wastate\parsons_epw23968\dms08748\Stage_2_Y-11834_PS_DR_001.dgn
TIME	3:17:12 PM
DATE	9/21/2020
PLOTTED BY	nicolec
DESIGNED BY	T. HEW
ENTERED BY	J. ROMERO
CHECKED BY	C. COVINGTON
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 STATE WASH FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. LOCATION NO.

P.E. STAMP BOX DATE

PARSONS

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

DRAINAGE PLAN

PLAN REF NO DR01

SHEET 29 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

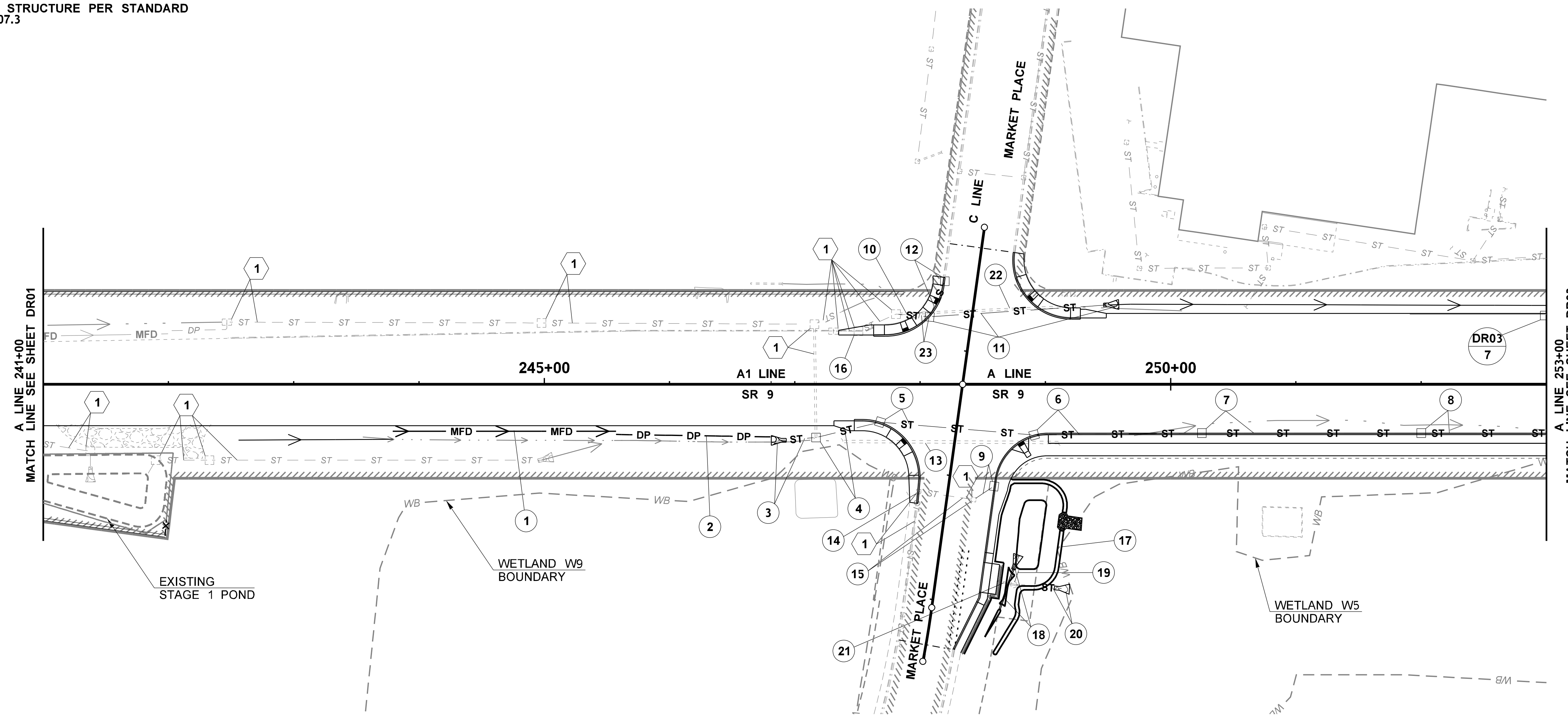
NOTES:

1. FOR DRAINAGE PROFILES, SEE DP SHEETS.
2. FOR DRAINAGE DETAILS INCLUDING DRAINAGE DITCHES, MEDIA FILTER DRAIN (MFD), COMPOST AMENDED BIOFILTRATION SWALE (CABS), AND WALLED DETENTION POND DETAILS, SEE DRAINAGE DETAIL (DRD) SHEETS.

CONSTRUCTION NOTES:

1 CLEAN DRAINAGE STRUCTURE PER STANDARD SPECIFICATION 7-07.3

0 50 100
SCALE IN FEET



LEGEND

(X)	STRUCTURE NOTE CODE
	EXISTING DITCH BOTTOM
	EXISTING CATCH BASIN
	EXISTING MANHOLE
	EXISTING CULVERT
ST — ST	EXISTING STORM SEWER LINE
— MFD —	EXISTING MEDIA FILTER DRAIN
— WB —	EXISTING WETLAND BOUNDARY
	EXISTING MAINTENANCE ACCESS ROAD
ST — ST	STORM SEWER LINE
	CATCH BASIN
	GRATE INLET
	WALLED DETENTION POND
	DITCH BOTTOM
— MFD —	MEDIA FILTER DRAIN (MFD)
	COMPOST AMENDED BIOFILTRATION SWALE (CABS)
— DP —	DRAIN PIPE LINE
—x—x—	CHAIN LINK FENCE
	NOISE WALL
	OUTFALL PROTECTION
	MAINTENANCE ACCESS ROAD

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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TIME	3:17:34 PM
DATE	9/21/2020
PLOTTED BY	nicolec
DESIGNED BY	T. HEW
ENTERED BY	J. ROMERO
CHECKED BY	C. COVINGTON
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

CHEYENNE S. COVINGTON, STATE OF WASHINGTON, 40803, REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX — DATE

PARSONS
OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

DRAINAGE PLAN

PLAN REF NO DR02

SHEET 30 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

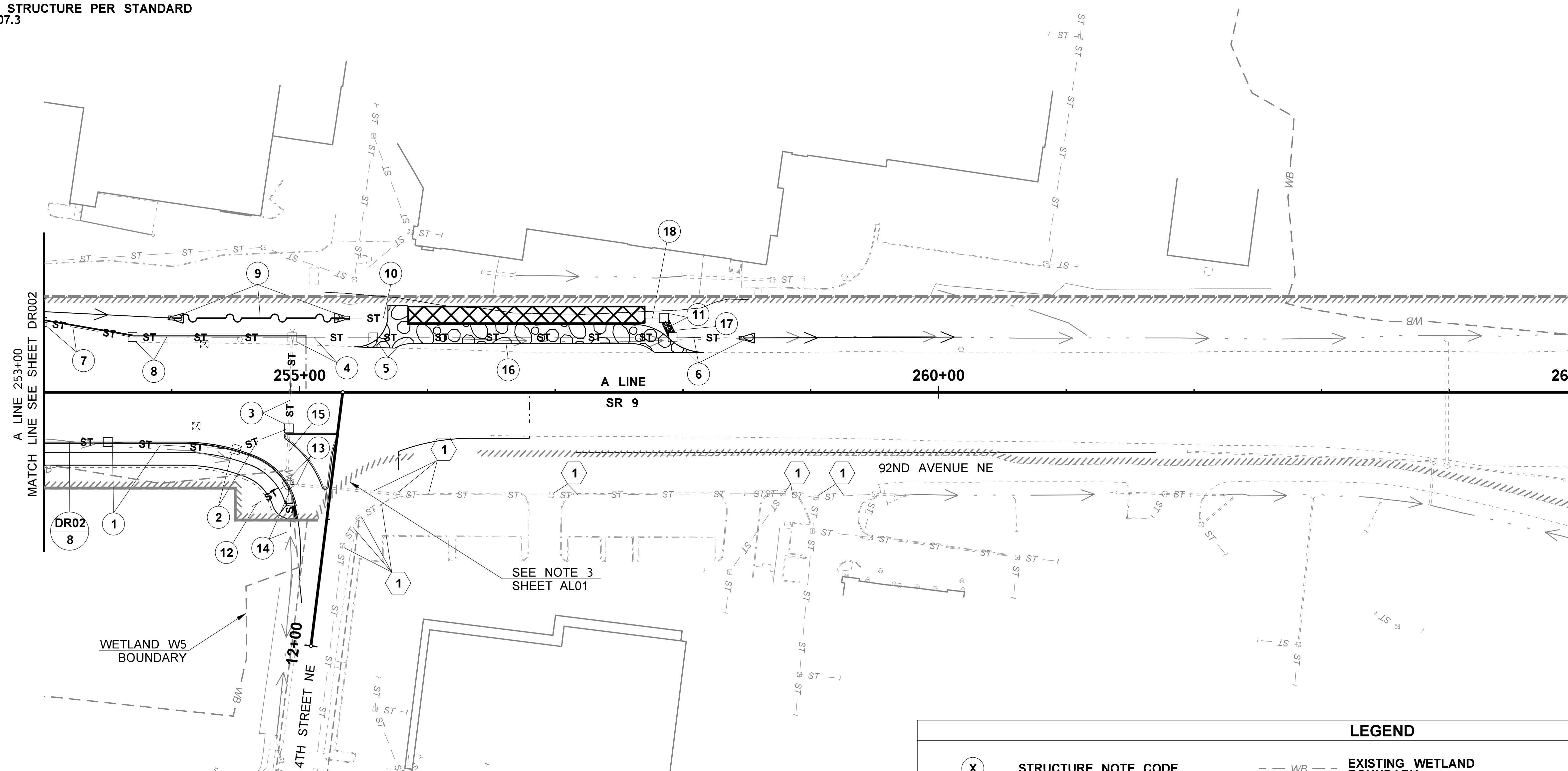
NOTES:

1. FOR DRAINAGE PROFILES, SEE DP SHEETS.
2. FOR DRAINAGE DETAILS INCLUDING DRAINAGE DITCHES, MEDIA FILTER DRAIN (MFD), COMPOST AMENDED BIOFILTRATION SWALE (CABS), AND WALLED DETENTION POND DETAILS, SEE DRAINAGE DETAIL (DRD) SHEETS.

CONSTRUCTION NOTES:

1 CLEAN DRAINAGE STRUCTURE PER STANDARD SPECIFICATION 7-07.3

0 50 100
SCALE IN FEET



LEGEND

- X STRUCTURE NOTE CODE
- EXISTING DITCH BOTTOM
- EXISTING CATCH BASIN
- EXISTING MANHOLE
- EXISTING CULVERT
- ST — ST EXISTING STORM SEWER LINE
- MFD EXISTING MEDIA FILTER DRAIN
- WB EXISTING WETLAND BOUNDARY
- EXISTING MAINTENANCE ACCESS ROAD
- ST — ST STORM SEWER LINE
- CATCH BASIN
- GRATE INLET
- WALLED DETENTION POND
- DITCH BOTTOM
- MFD MEDIA FILTER DRAIN (MFD)
- COMPOST AMENDED BIOFILTRATION SWALE (CABS)
- DP DRAIN PIPE LINE
- CHAIN LINK FENCE
- NOISE WALL
- OUTFALL PROTECTION
- MAINTENANCE ACCESS ROAD

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PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.	LOCATION NO.	

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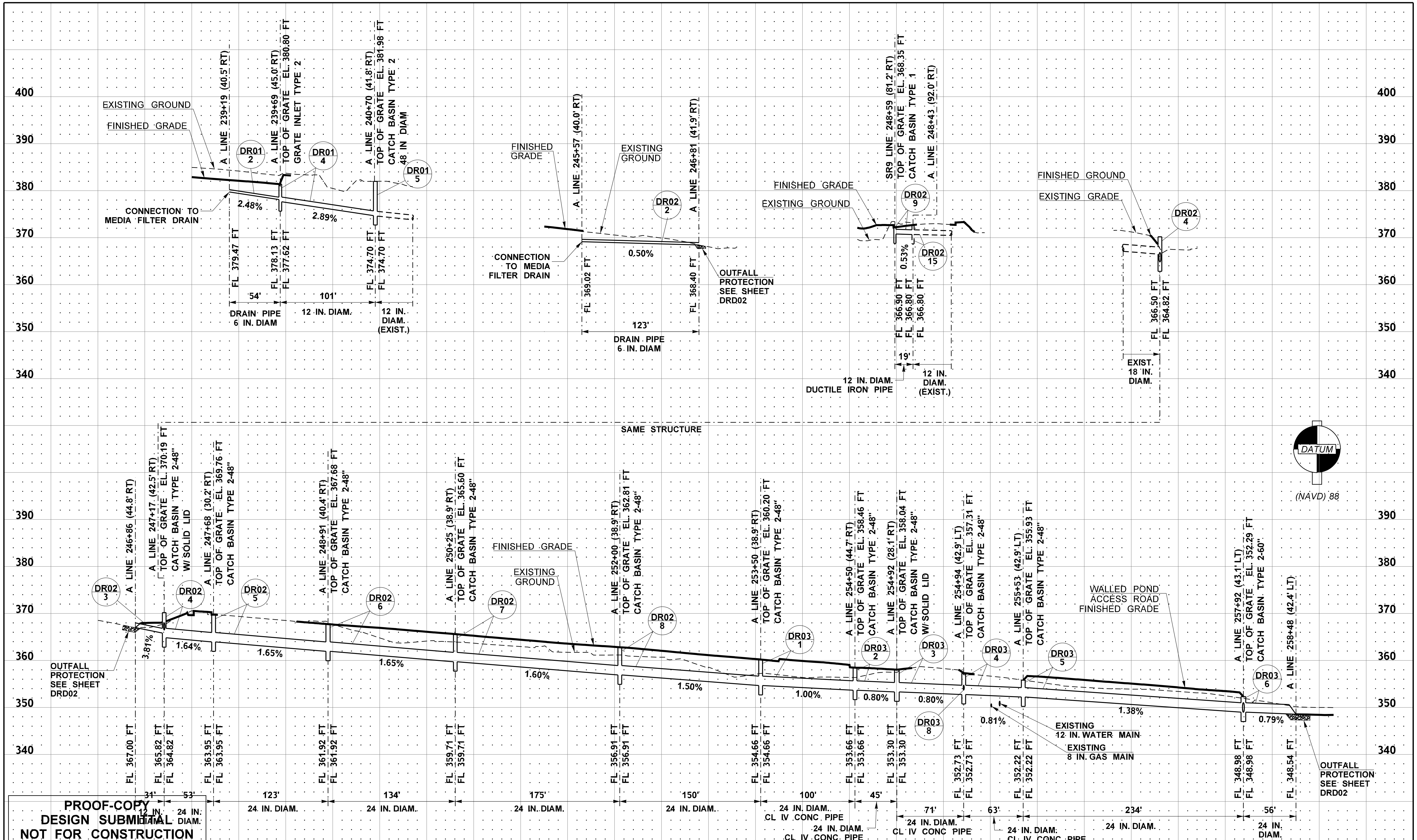
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

DRAINAGE PLAN

PLAN REF NO DR03

SHEET 31 OF 161 SHEETS



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DESIGNED BY	T. HEW				
ENTERED BY	J. ROMERO				
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PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTON	NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO.

C. COVINGTON STATE OF WASHINGTON 40803 PROFESSIONAL ENGINEER REGISTERED

P.E. STAMP BOX

DATE

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OSBORN CONSULTING INCORPORATED

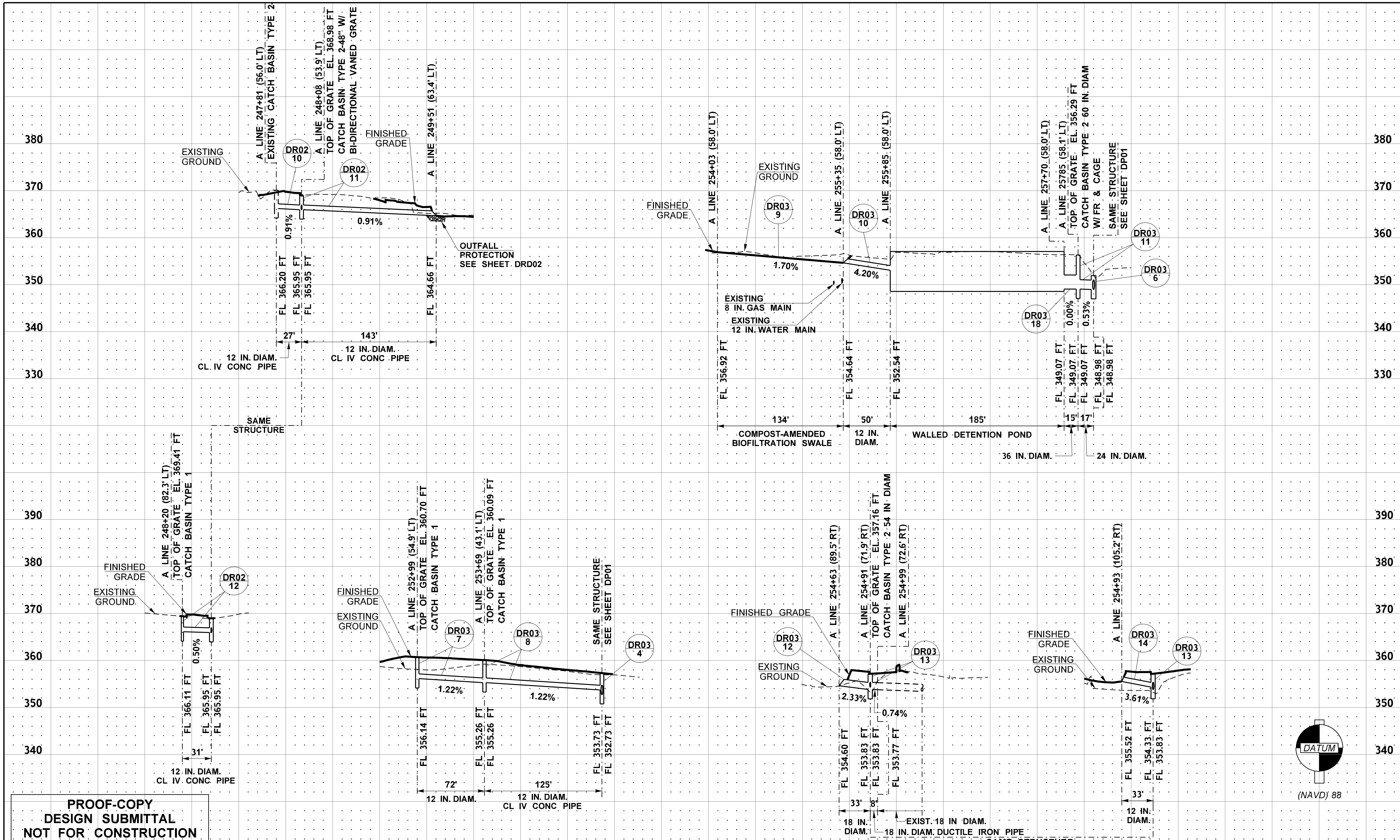
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

DRAINAGE PROFILES

PLAN REF NO DP01

SHEET 32 OF 162 SHEETS



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DESIGNED BY	T. HEW					
ENTERED BY	J. ROMERO					
CHECKED BY	C. COVINGTON					
PROJ. ENGR.	K. NDILE					
REGIONAL ADM.	M. COTTON	NO	REVISION	DATE	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX — DATE

PARSONS

OSBORN CONSULTING INCORPORATED

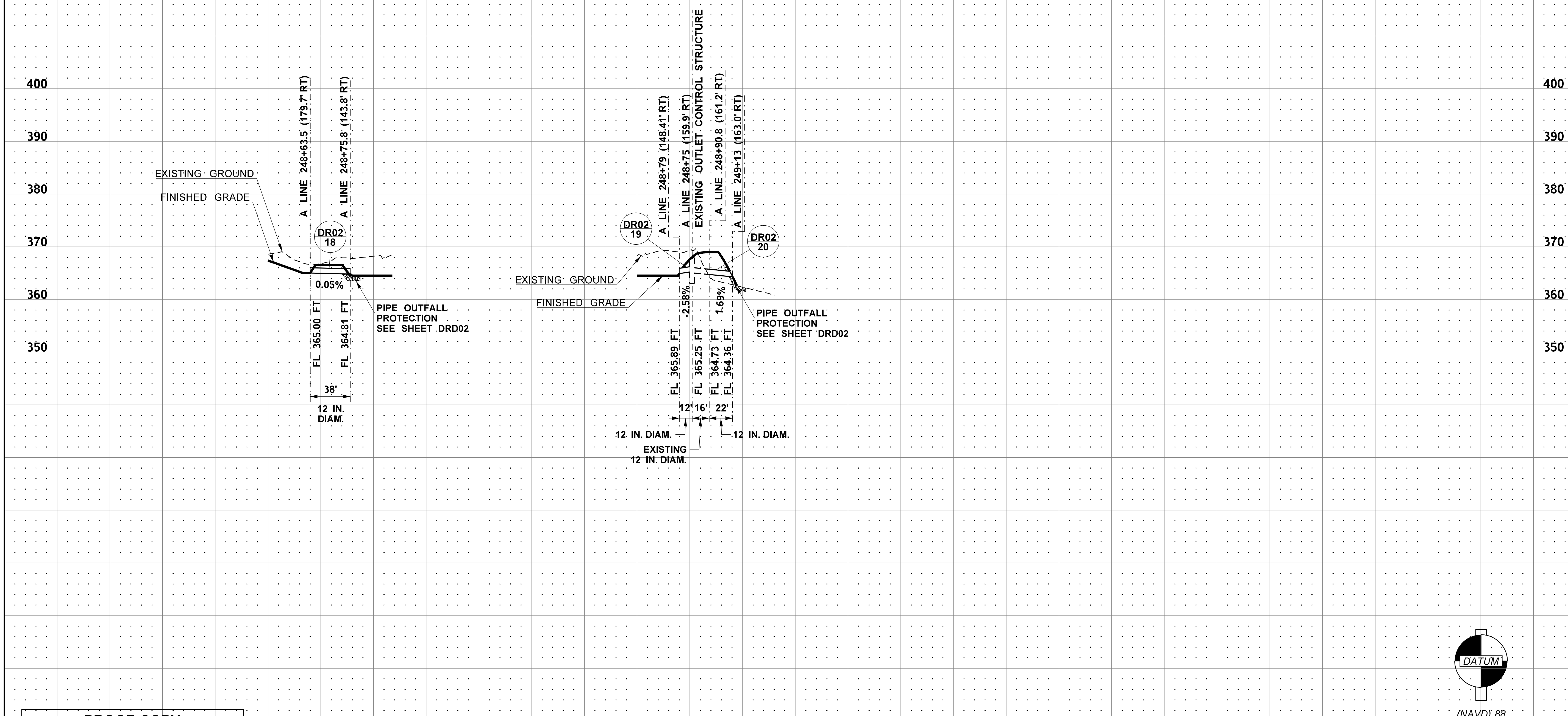
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

DRAINAGE PROFILES

PLAN REF NO DP02

SHEET 33 OF 162 SHEETS



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DESIGNED BY	T. HEW				
ENTERED BY	J. ROMERO				
CHECKED BY	C. COVINGTON				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTON	NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO.

STATE OF WASHINGTON
S. COVINGTON
40803
REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX
DATE

PARSONS

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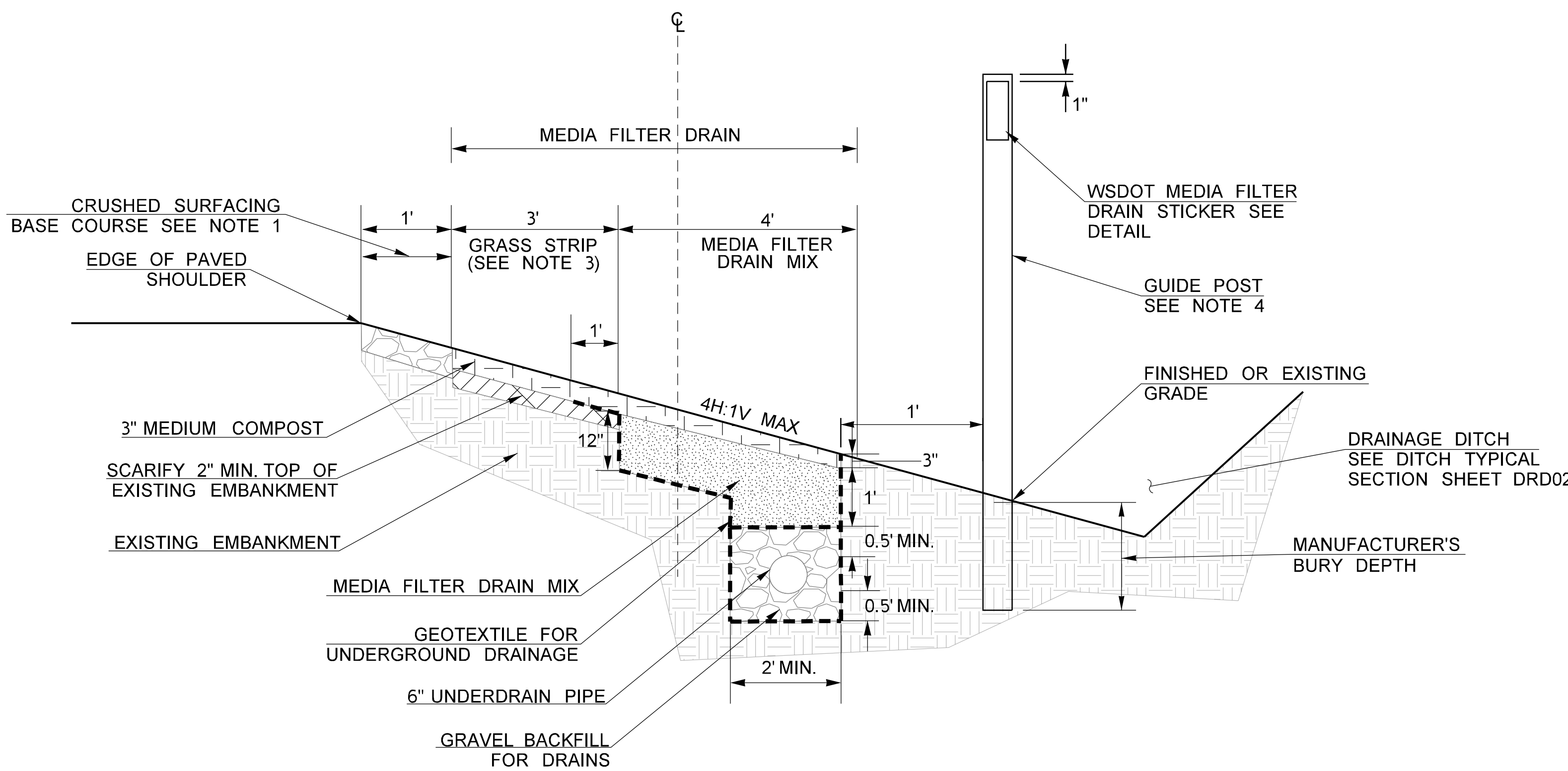
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

DRAINAGE PROFILES

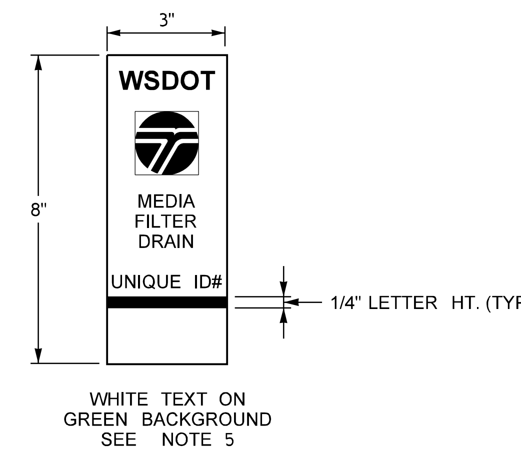
PLAN REF NO
DP03

SHEET
34
OF
162
SHEETS



SECTION VIEW

NOT TO SCALE



WSDOT MEDIA FILTER DRAIN STICKER

NOT TO SCALE

MFD LOCATION TABLE		
STRUCTURE CODE	LOCATION	LENGTH
		FEET
DR01-1	A LINE STA. 233+69 (28'RT) TO A LINE STA. 239+19 (37'RT)	551'
DR02-1	A LINE STA. 243+88 (37'LT) TO A LINE STA. 245+57 (37'RT)	169'

NOTES:

1. CRUSHED SURFACING BASE COURSE WITH 4-IN MIN. DEPTH.
2. SEE SPECIAL PROVISION "MEDIA FILTER DRAIN". ALL ITEMS NOT INCLUDED IN THIS DETAIL ARE INCIDENTAL TO THE WORK. CSBC, FILL, AND SEEDING ARE PAID SEPARATELY.
3. SEED, MULCH, AND FERTILIZED MEDIA FILTER DRAIN GRASS STRIP IN ACCORDANCE WITH SECTION 8-02 COMPOST SEEDING AND COMPOST MULCH.
4. GUIDE POST SHALL BE FLEXIBLE, NON-REFLECTIVE AND BROWN IN COLOR. INSTALL GUIDE POST PER STD. PLAN M-24-65.
5. PLASTIC DRAINAGE MARKING PER STD. PLAN M-24.65.
6. FOR FINISHED ROADWAY EMBANKMENT SLOPE, SEE ROADWAY SECTION (RS) SHEETS.

MEDIA FILTER DRAIN

NOT TO SCALE

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DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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PLOTTED BY	nicolec				
DESIGNED BY	T. HEW				
ENTERED BY	J. ROMERO				
CHECKED BY	C. COVINGTON				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

P.E. STAMP BOX | DATE

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Washington State Department of Transportation

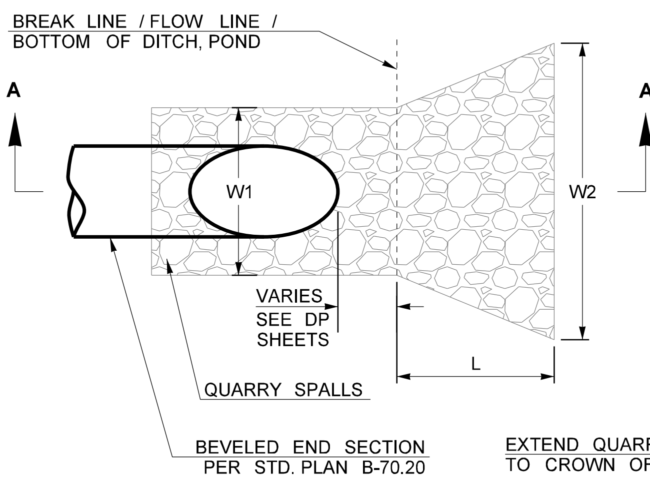
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

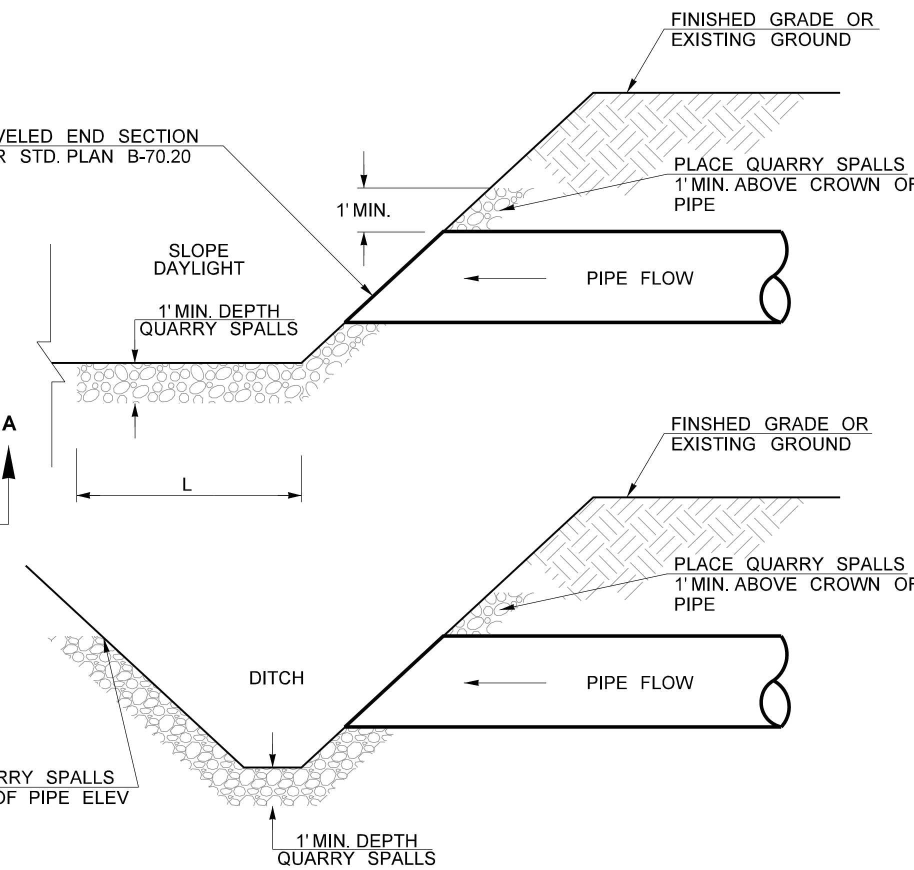
DRAINAGE DETAILS

PLAN REF NO DRD01

SHEET 35 OF 161 SHEETS

PIPE OUTFALL PROTECTION			
PIPE DIA.	W1	W2	L
12"	3.0'	8.0'	8.0'
24"	6.0'	12.0'	8.0'





NOTES:

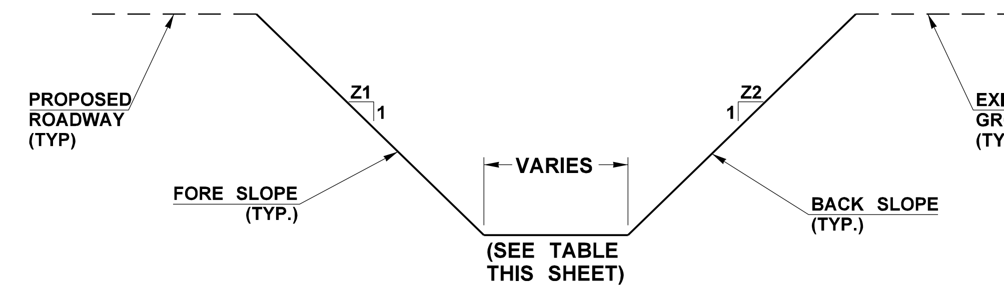
1. QUARRY SPALLS SHALL BE PER WSDOT STANDARD SPECIFICATION SECTION 9-13.1(5).

SECTION A-A

NOT TO SCALE

OUTFALL PROTECTION

NOT TO SCALE



NOTES:

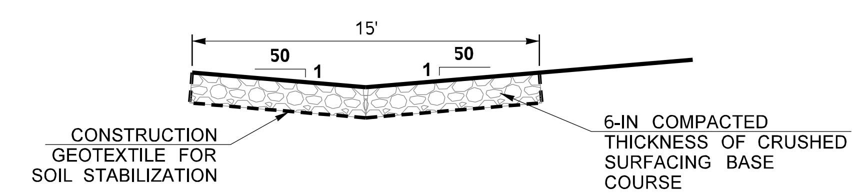
1. DITCH EXCAVATION IS INCLUDED IN ROADWAY EXCAVATION INCLUDING HAUL.
2. FOR DITCH GRADING DETAILS, SEE ROADWAY TYPICAL SECTIONS (RS) SHEETS.
3. SEE DITCH TABLE, THIS SHEET, FOR DITCH LOCATIONS.
4. MAXIMUM DITCH SIDE SLOPE IS 2H:1V. DITCH SIDE SLOPES MAY VARY FROM TYPICAL 3H:1V TO MATCH INTO EXISTING SIDE SLOPES AND ROADWAY EMBANKMENT SLOPES.

DITCH TYPICAL SECTION

NOT TO SCALE

DITCH TABLE

DRAINAGE SHEET	DITCH LOCATION	BOTTOM WIDTH	FRONT SLOPE (Z1)	BACK SLOPE (Z2)	LONGITUDINAL SLOPE
		LF	X:1	X:1	PERCENT
DR01	A LINE STA 233+49 (32.4' RT) TO STA 239+65 (44.0' RT)	0	4	3	1.67%
DR02	A LINE STA 242+56 (44.0' RT) TO STA 246+81 (46.0' RT)	0	4	3	1.69%
DR02, DR03	A LINE STA 249+50 (63.6' LT) TO STA 254+01 (57.9' LT)	2	3	3	1.71%
DR03	A LINE STA 260+31 (43.1' LT) TO STA 260+81 (42.3' LT)	0	3	3	0.50%



NOTES:

1. FOR ADDITIONAL SLOPE AND SECTION DETAILS, SEE DRAINAGE DETAIL SHEET DRD06.

MAINTENANCE ACCESS ROAD QUANTITIES			
CRUSHED SURFACING BASE COURSE (CSBC)	COMMON BORROW INCL. HAUL	ROADWAY EXCAVATION INCL. HAUL	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION
TONS	CU YD	CU YD	SQ FT
140	155	10	460

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WALLED DETENTION POND MAINTENANCE ACCESS ROAD TYPICAL SECTION

DR03
16

NOT TO SCALE

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DATE	9/21/2020				
PLOTTED BY	nicolec				
DESIGNED BY	T. HEW				
ENTERED BY	J. ROMERO				
CHECKED BY	C. COVINGTON				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 20A013

CONTRACT NO. | LOCATION NO.

P.E. STAMP BOX | DATE

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OSBORN CONSULTING INCORPORATED

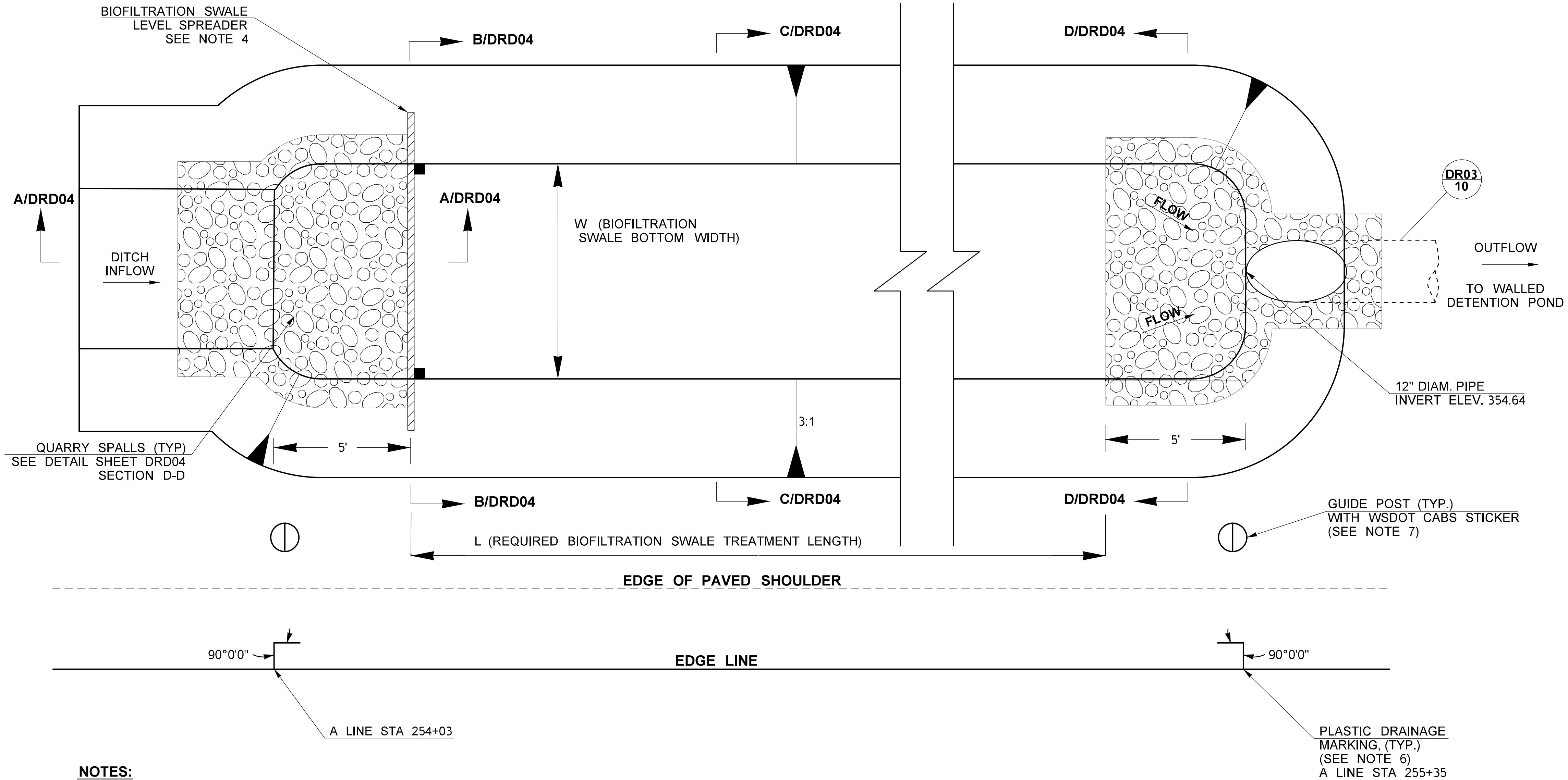
Washington State Department of Transportation

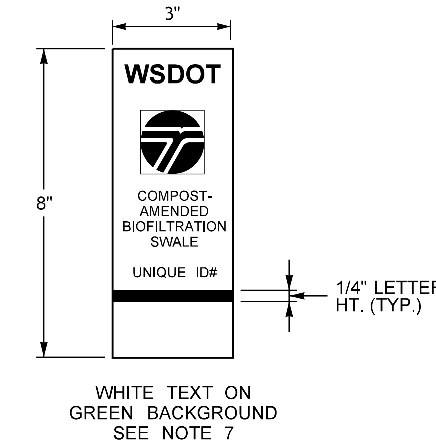
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

DRAINAGE DETAILS

PLAN REF NO DRD02

SHEET 36 OF 161 SHEETS





WSDOT CABS STICKER

NOT TO SCALE

NOTES:

1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
2. FOR LOCATION OF COMPOST AMENDED BIOFILTRATION SWALE, SEE DRAINAGE PLAN SHEET DR03 AND DRAINAGE PROFILE SHEET DP02.
3. FOR BIOFILTRATION SWALE LEVEL SPREADER, SEE SPECIAL PROVISION 8-02.2.
4. INSTALL BIOFILTRATION LEVEL SPREADER PERPENDICULAR TO THE CENTERLINE OF THE SWALE. SEE PLATE INSTALLATION DETAIL SHEET DRD04.
5. SEED CABS IN ACCORDANCE WITH SPECIFICATION SECTION 8-01.3(2)B.
6. PLASTIC DRAINAGE MARKER PER STANDARD PLAN M-24.65.
7. GUIDE POST SHALL BE FLEXIBLE, NON-REFLECTIVE AND BROWN IN COLOR. INSTALL GUIDE POST PER STD. PLAN M-24.65.

CABS TABLE

CABS ID	W	L	H	LONGITUDINAL SLOPE	MEDIUM COMPOST	TOPSOIL TYPE A
	FT	FT	FT	%	ACRES	ACRES
DR03-9	3.5	124	1.5	1.7	0.1	0.1

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COMPOST AMENDED BIOFILTRATION SWALE (CABS) PLAN VIEW

DR03
9

NOT TO SCALE

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TIME	3:19:01 PM
DATE	9/21/2020
PLOTTED BY	nicolec
DESIGNED BY	L. JACOBS
ENTERED BY	J. ROMERO
CHECKED BY	C. COVINGTON
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	

JOB NUMBER
20A013
CONTRACT NO.
LOCATION NO.

P.E. STAMP BOX
DATE

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Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

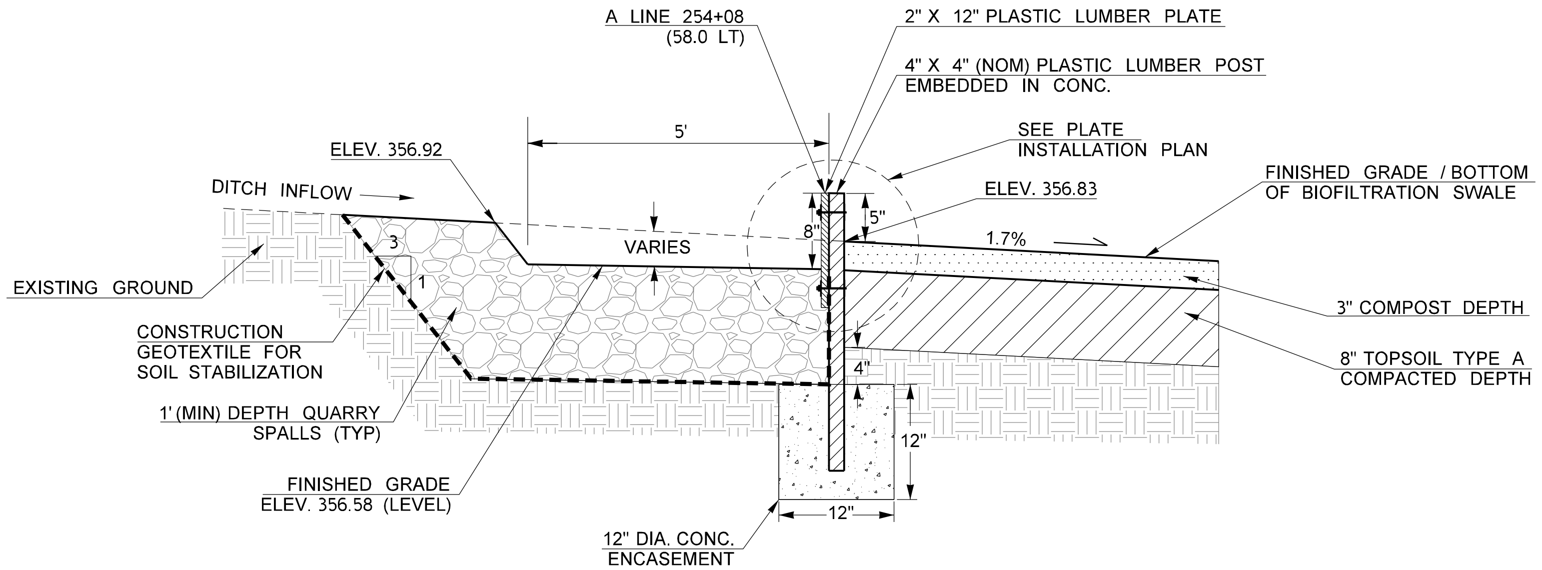
DRAINAGE DETAILS

PLAN REF NO
DRD03

SHEET
37
OF
161
SHEETS

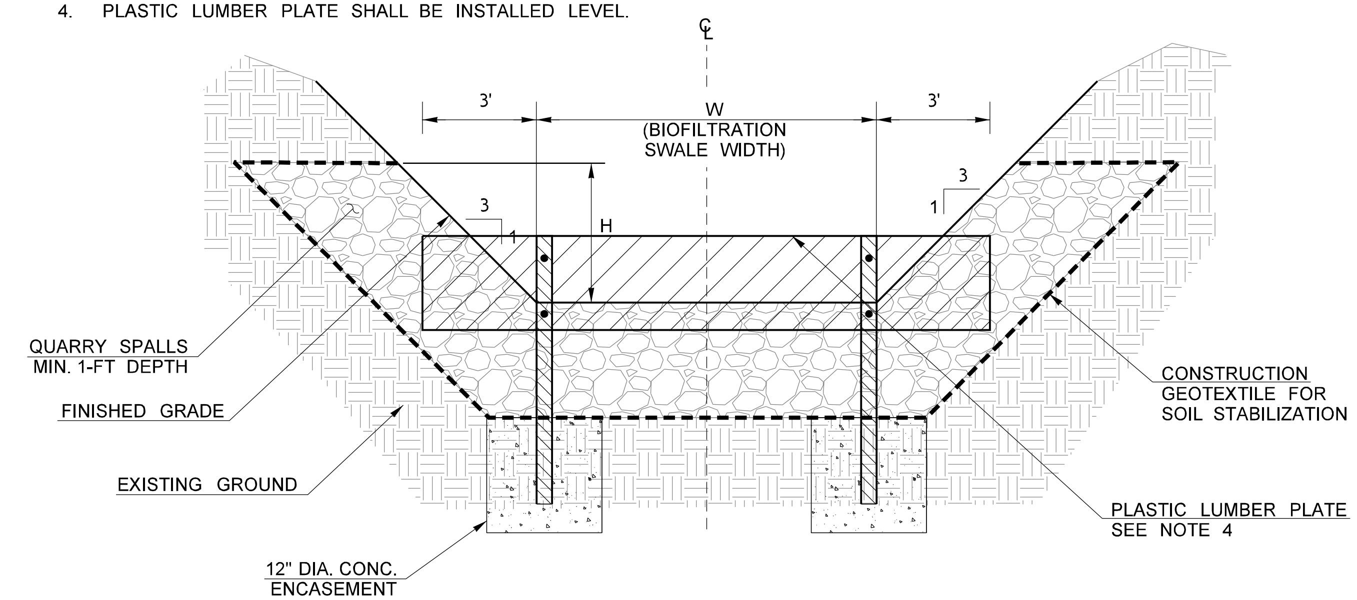
NOTES:

1. EXTEND COMPOST AND TOPSOIL FROM THE BOTTOM OF THE BIOFILTRATION SWALE ONTO THE SIDE SLOPES UP TO THE BIOFILTRATION SWALE HEIGHT NOTED IN THE TABLE ON DETAIL SHEET DRD03.
2. EXCAVATION OF CABS FROM ROADWAY FINISHED GRADE FOR INSTALLATION OF COMPOST, TOPSOIL, QUARRY SPALLS, CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION, BIOFILTRATION SWALE LEVEL SPREADER AND OTHER ASSOCIATED AREAS IS INCLUDED IN ROADWAY EXCAVATION INCL. HAUL
3. CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION PER STANDARD SPECIFICATION 9-33.2(1), TABLE 3, NON-WOVEN.
4. PLASTIC LUMBER PLATE SHALL BE INSTALLED LEVEL.



SECTION A-A SHEET DRD03

NOT TO SCALE



BIOFILTRATION SWALE LEVEL SPREADER SECTION B-B SHEET DRD03

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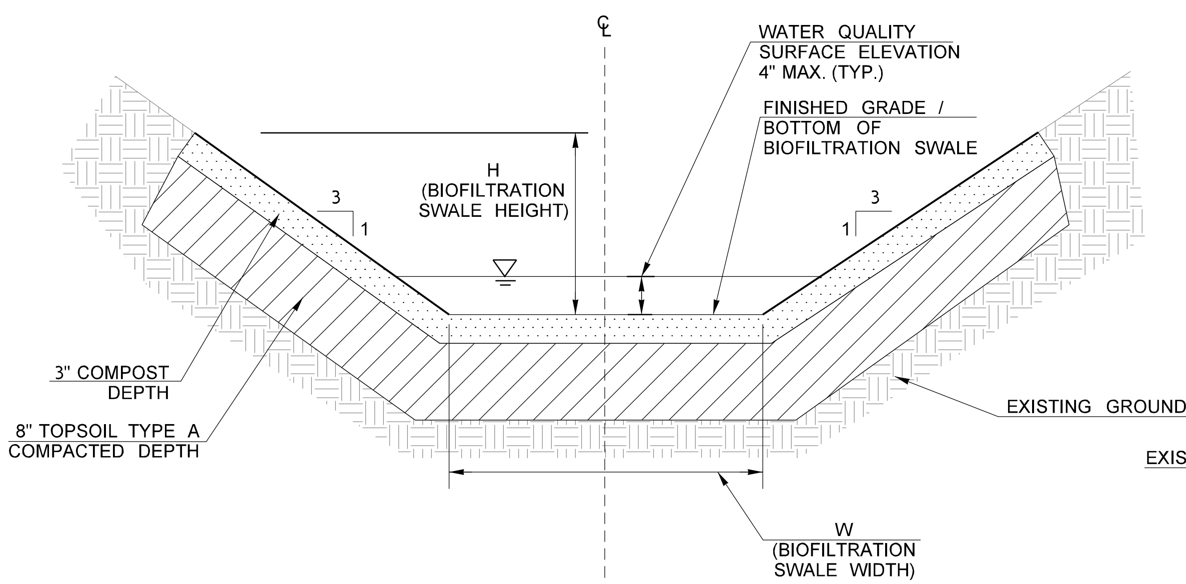
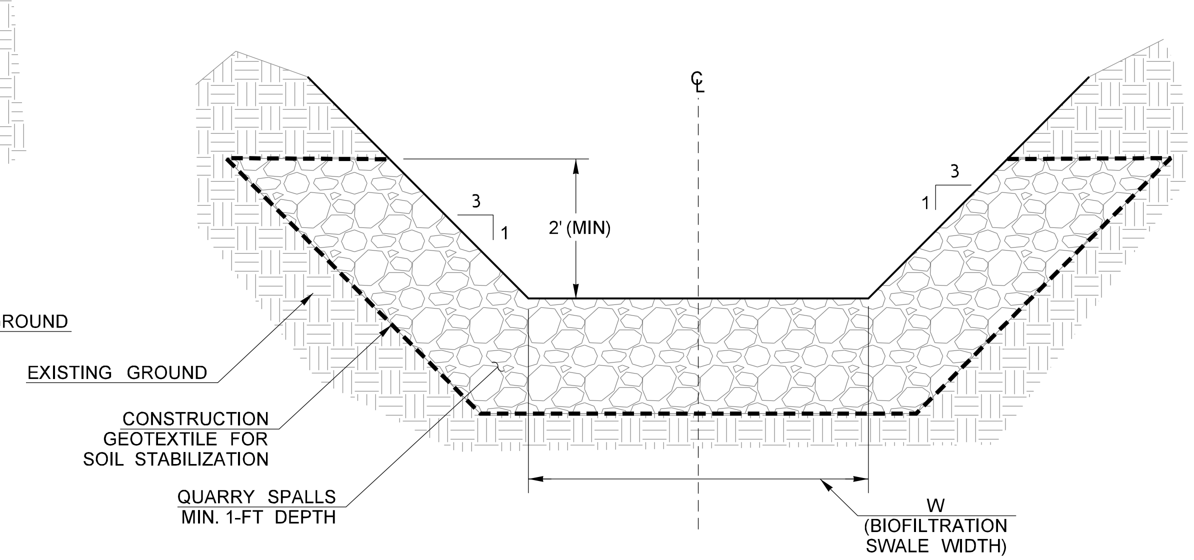


SECTION C-C SHEET DRD03

NOT TO SCALE



SECTION D-D SHEET DRD03

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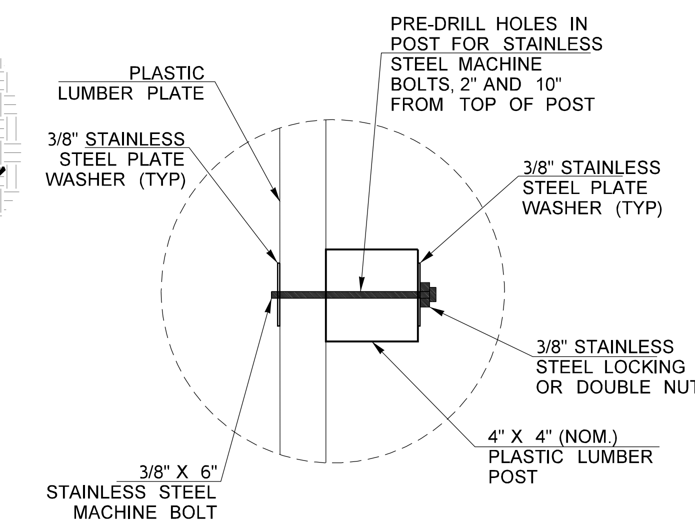

PLATE INSTALLATION PLAN

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COMPOST AMENDED BIOFILTRATION SWALE (CABS) SECTION VIEW

DR03
9

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DESIGNED BY	L. JACOBS
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CHECKED BY	C. COVINGTON
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX
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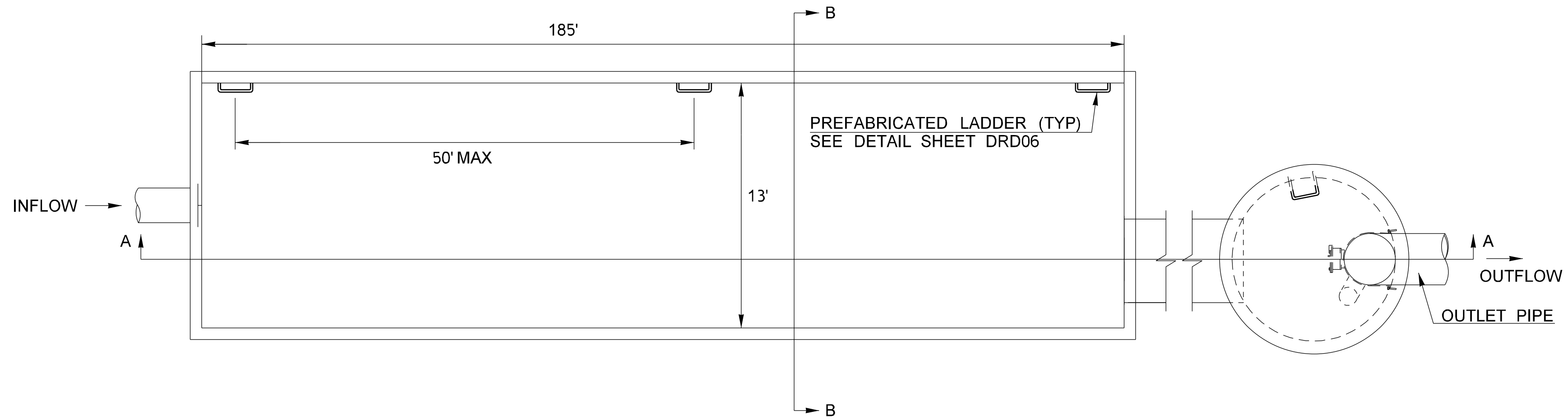
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

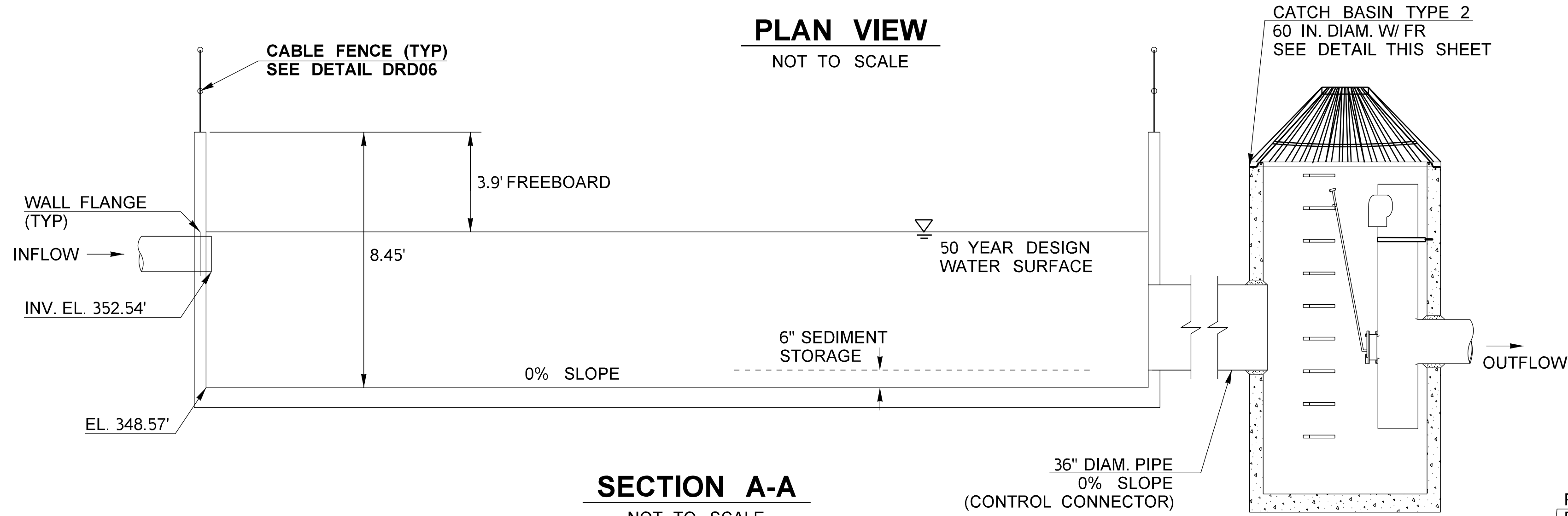
DRAINAGE DETAILS

PLAN REF NO
DRD04

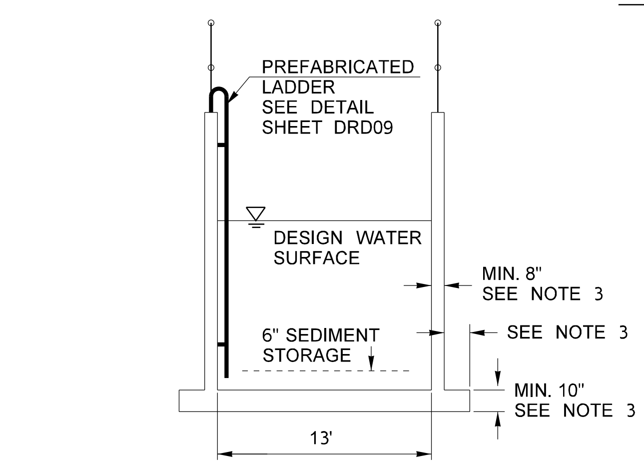
SHEET 38 OF 161 SHEETS



PLAN VIEW
NOT TO SCALE



SECTION A-A
NOT TO SCALE



SECTION B-B
NOT TO SCALE

NOTES:

1. FOR GENERAL NOTES, DIMENSIONS, AND DETAILS NOT SHOWN SEE STD PLN B-10.40 FOR CB TYPE 2 WITH FLOW RESTRICTOR.
2. ALL METAL APPURTENANCES MUST BE CORROSION RESISTANT.
3. STRUCTURAL DESIGN SHALL ADDRESS REQUIRED CONCRETE THICKNESS, REINFORCEMENT, RESISTANCE OT BUOYANT FORCES, AND SPECIAL PROVISIONS.

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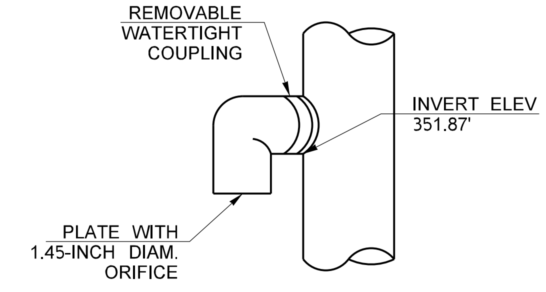
WALLED DETENTION POND TYPICAL DETAIL



ELBOW DETAIL
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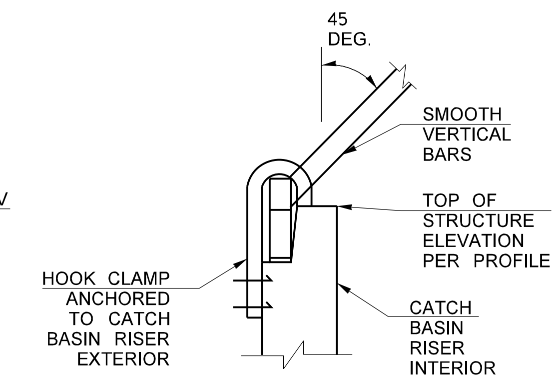
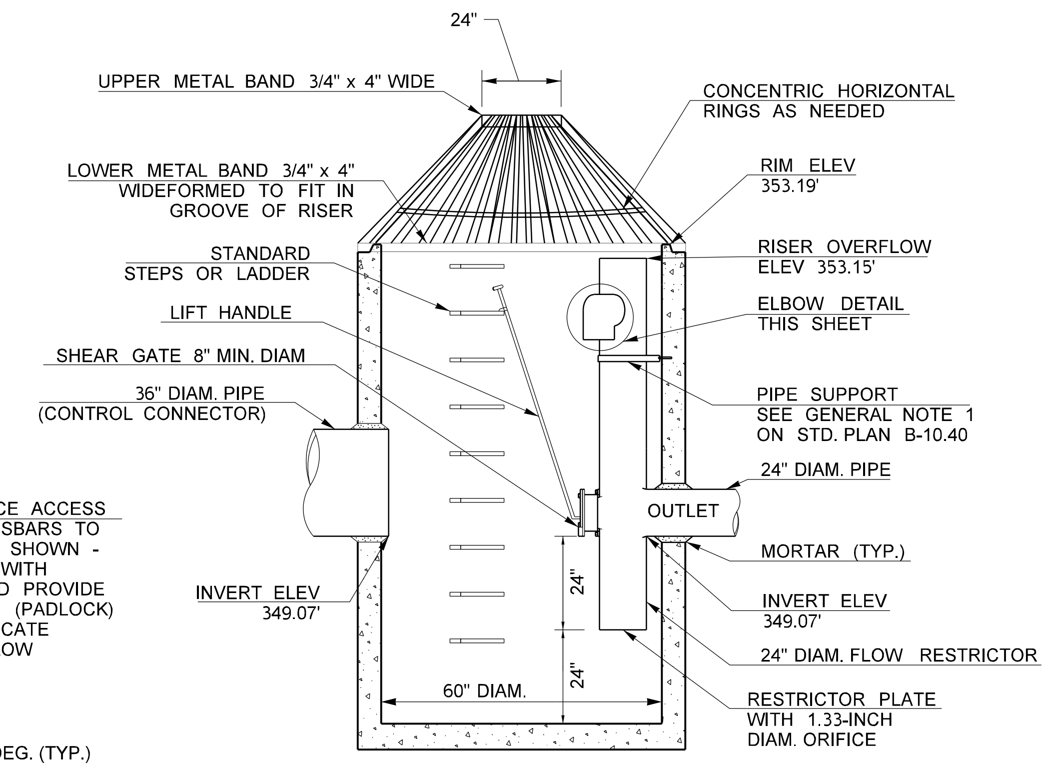
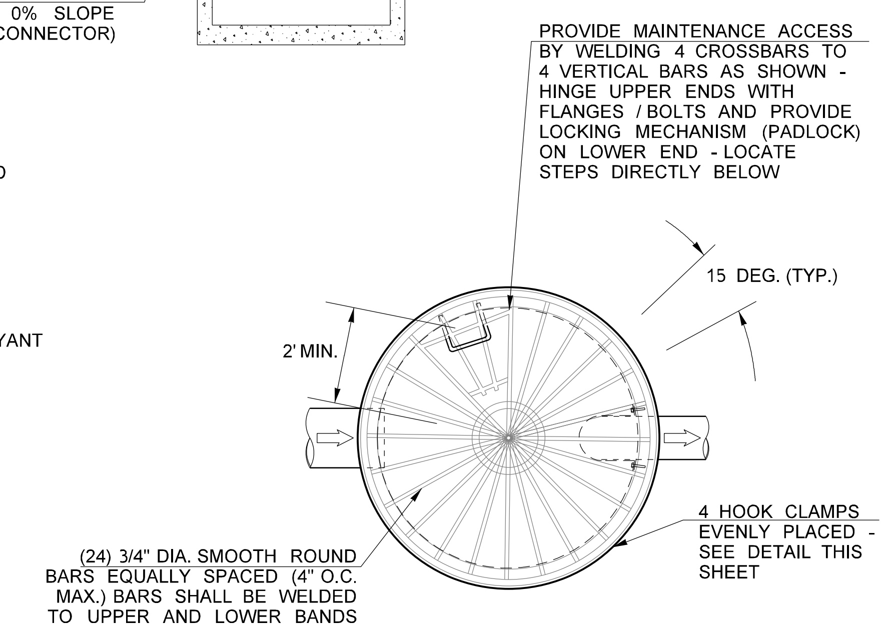


DETAIL HOOK CLAMP



FLOW RESTRICTOR DETAIL
NOT TO SCALE



PLAN VIEW

CATCH BASIN TYPE 2 60 IN. DIAM. W/FR & CAGE
NOT TO SCALE

DR03
11

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DATE	9/21/2020
PLOTTED BY	nicolec
DESIGNED BY	T. HEW
ENTERED BY	J. ROMERO
CHECKED BY	C. COVINGTON
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 20A013

CONTRACT NO. | LOCATION NO.

P.E. STAMP BOX | DATE

PARSONS

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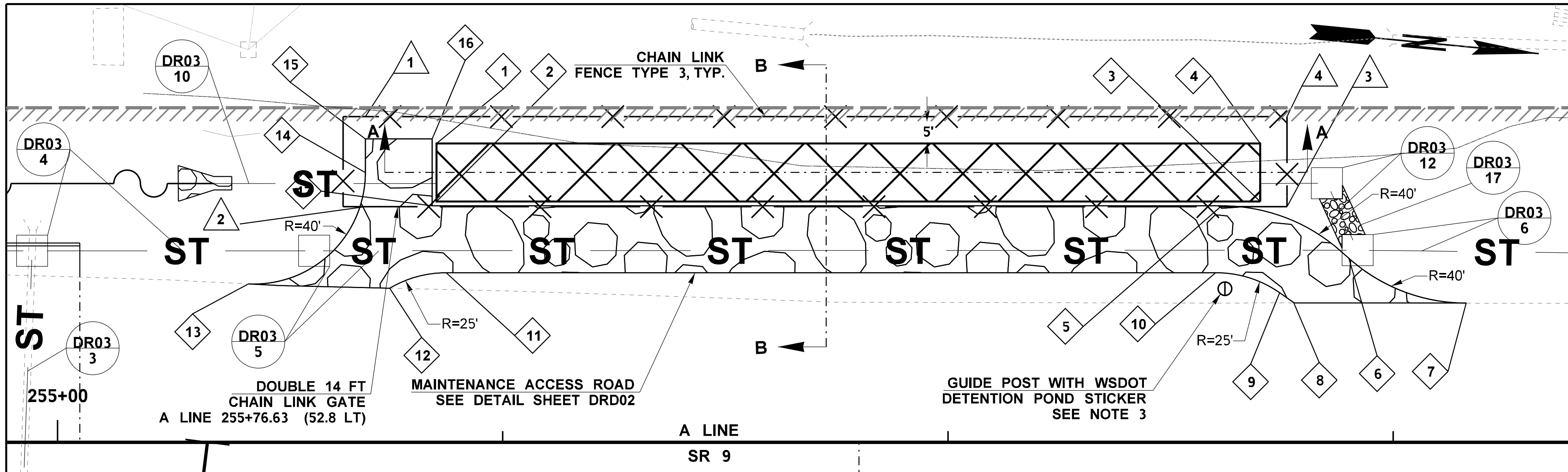
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

DRAINAGE DETAILS

PLAN REF NO DRD05

SHEET 39 OF 161 SHEETS



PLAN VIEW

NOT TO SCALE

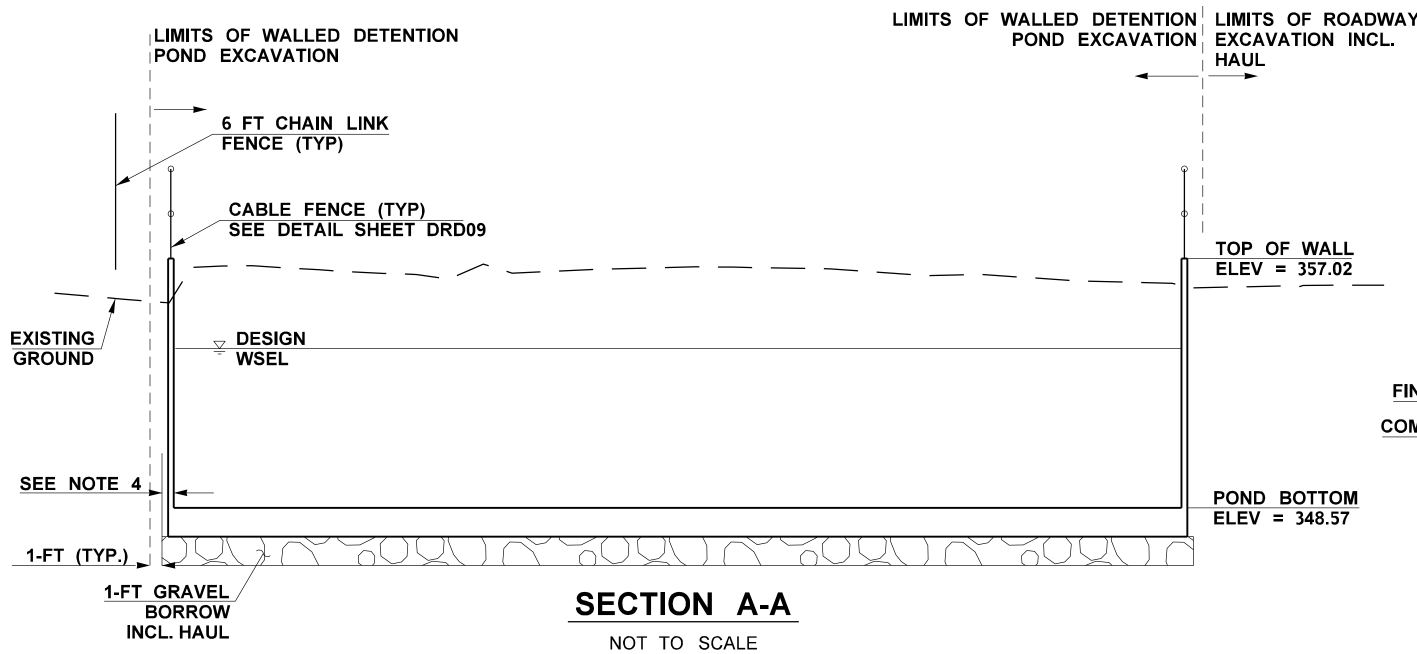
DETENTION POND DESIGN TABLE			
STUCTURE ID	POND BOTTOM ELEVATION	DESIGN WSEL	STORAGE VOLUME AT DESIGN WSEL
			CUBIC FEET
DR03-11	348.57'	353.15'	9214

CHAIN LINK FENCE TYPE 3 POINT TABLE

#	LOCATION
1	A LINE 255+69.13 (73.0' LT)
2	A LINE 255+69.13 (52.8' LT)
3	A LINE 257+76.13 (52.8' LT)
4	A LINE 257+76.13 (73.0' LT)

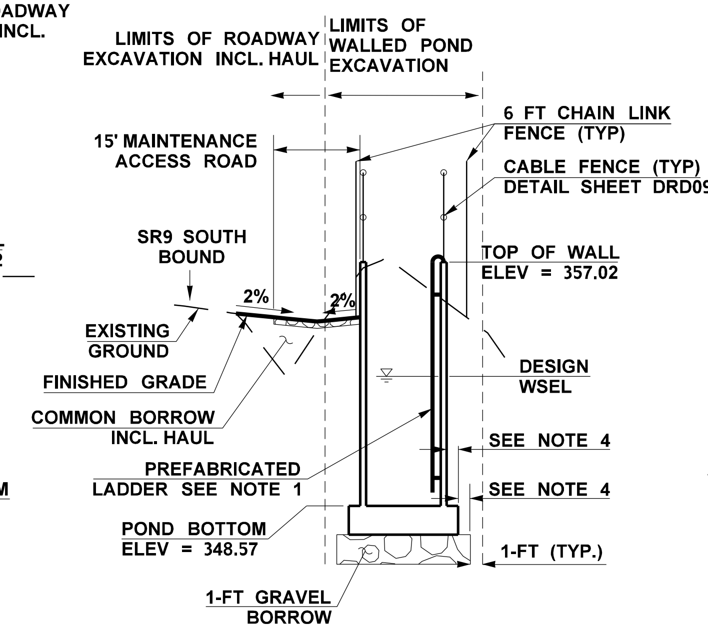
ANGLE POINT TABLE

#	LOCATION	ELEVATION
1	A LINE 255+85.13 (67.0' LT)	348.57'
2	A LINE 255+85.13 (54.0' LT)	348.57'
3	A LINE 257+70.13 (54.0' LT)	348.57'
4	A LINE 257+70.13 (67.0' LT)	348.57'
5	A LINE 257+61.57 (53.0' LT)	353.71'
6	A LINE 257+87.13 (43.8' LT)	353.20'
7	A LINE 258+16.41 (31.2' LT)	352.93'
8	A LINE 257+77.78 (31.2' LT)	353.63'
9	A LINE 257+74.57 (33.5' LT)	353.64'
10	A LINE 257+60.23 (38.0' LT)	353.73'
11	A LINE 255+87.28 (38.0' LT)	356.48'
12	A LINE 255+74.58 (34.5' LT)	349.46'
13	A LINE 255+42.87 (35.5' LT)	357.02'
14	A LINE 255+69.13 (60.5' LT)	356.87'
15	A LINE 255+69.13 (68.0' LT)	357.02
16	A LINE 255+84.13 (68.0' LT)	356.83
17	A LINE 255+84.13 (53.0' LT)	356.53



SECTION A-A

NOT TO SCALE



SECTION B-B

NOT TO SCALE

NOTES:

1. SEE STANDARD PLAN B-30.90 FOR PREFABRICATED LADDER DETAILS.
2. SEEDING AND RESTORATION IN ACCORDANCE WITH SPECIFICATION 8-02 ROADSIDE RESTORATION.
3. GUIDE POST SHALL BE FLEXIBLE, NON-REFLECTIVE AND BROWN IN COLOR. SEE STANDARD PLAN M-24.66-00 FOR POND MARKER AND PLASTIC DRAINAGE MARKER LOCATION
4. STRUCTURAL DESIGN SHALL ADDRESS REQUIRED CONCRETE THICKNESS, REINFORCEMENT AND RESISTANCE TO BUOYANT FORCES.
5. POINTS 1, 2, 3, AND 4 ARE BOTTOM OF WALL ELEVATIONS. SEE DRD05 FOR ADDITIONAL WALLED POND DETAILS.
6. THE COLOR OF THE CHAIN LINK FENCE AND GATE FABRIC SHALL MATCH SAE AMS STANDARD 595 COLOR NO. 27038.
7. THE CONTRACTOR SHALL APPLY PIGMENTED SEALER TO ALL EXPOSED CONCRETE SURFACES TO 1-FOOT BELOW FINISH GROUNDLINE.
8. THERE IS LIMITED SPACE FOR EXTRA EXCAVATION ALONG THE RIGHT-OF-WAY.

**PROOF COPY
DESIGN SUBMITTAL
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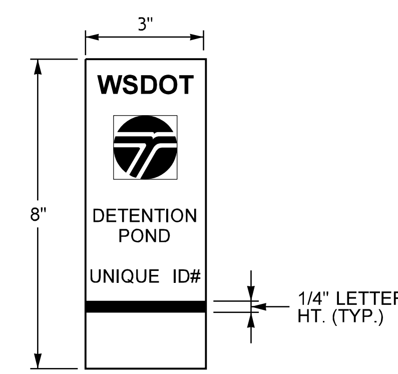
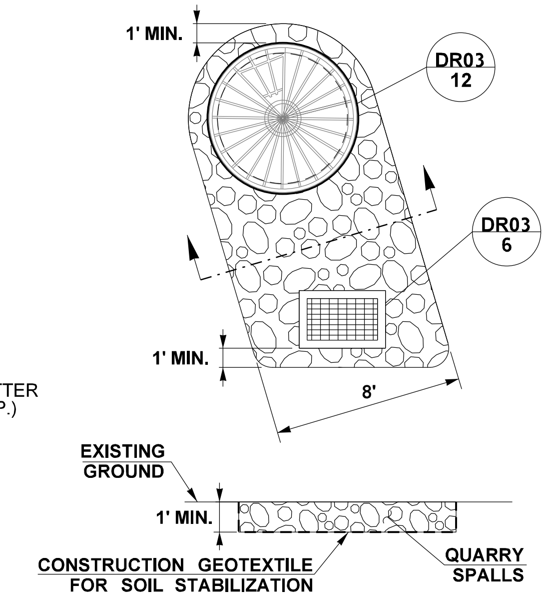
WALLED DETENTION POND DETAIL PLAN & SECTION



WHITE TEXT ON GREEN BACKGROUND SEE NOTE 5

WSDOT WALLED DETENTION POND STICKER

NOT TO SCALE



STABLIZED EMERGENCY OVERFLOW PROTECTION

DR03 17

NOT TO SCALE

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DESIGNED BY	T. HEW					
ENTERED BY	J. ROMERO					
CHECKED BY	C. COVINGTON					
PROJ. ENGR.	K. NDILE					
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY	

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

P.E. STAMP BOX — DATE

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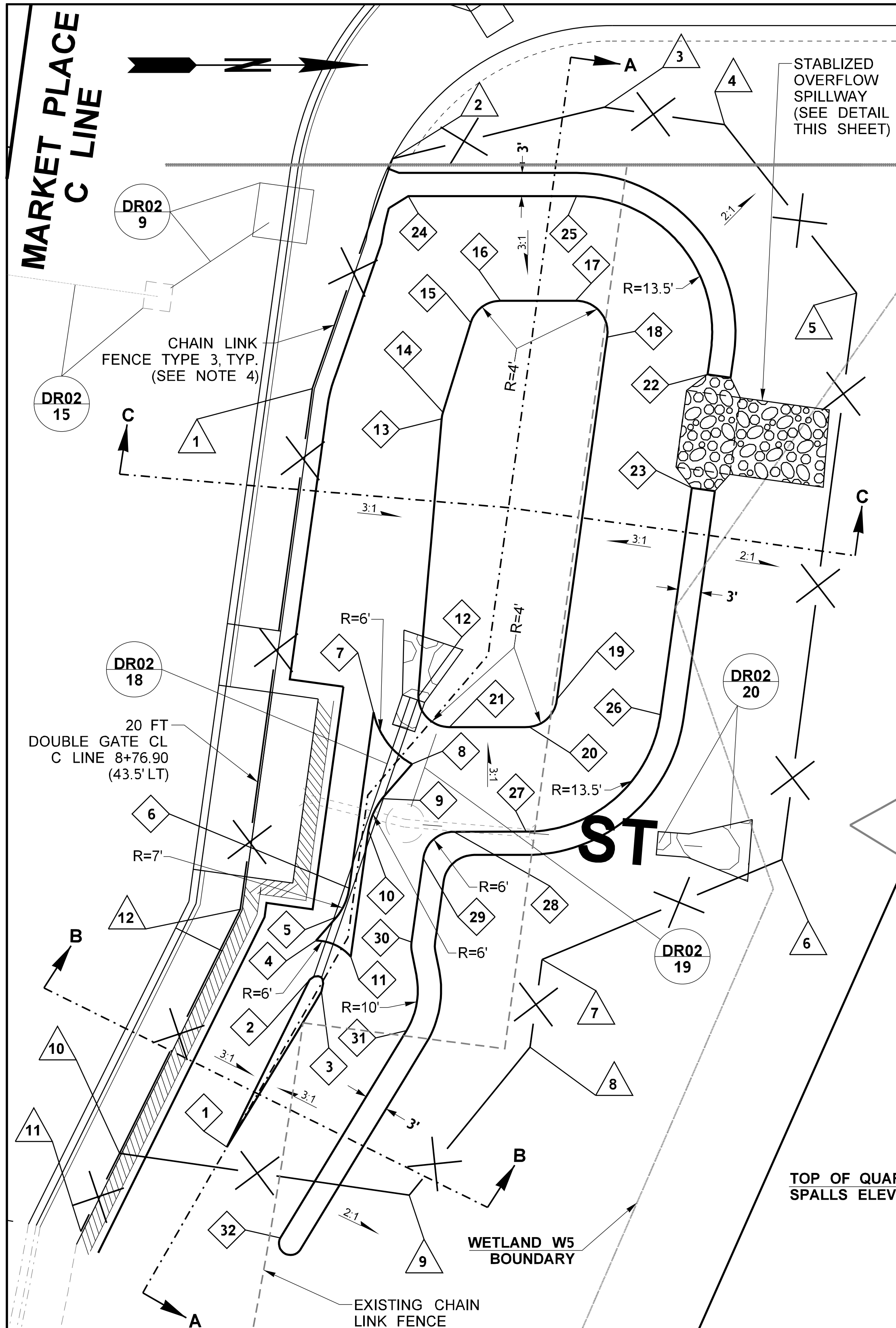
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

DRAINAGE DETAILS

PLAN REF NO DRD06

SHEET 40 OF 161 SHEETS



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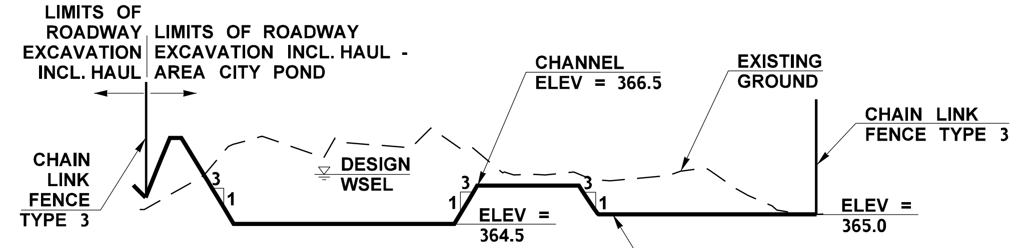
CITY POND PLAN VIEW

NOT TO SCALE

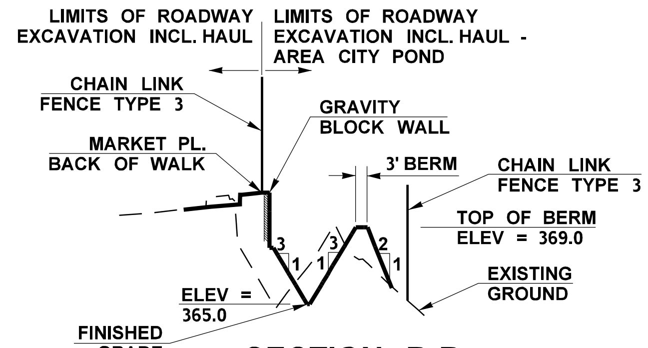
CITY POND

DR02
17



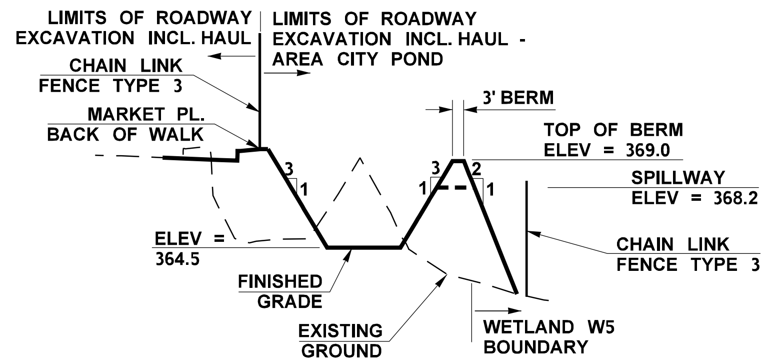
SECTION A-A

NOT TO SCALE



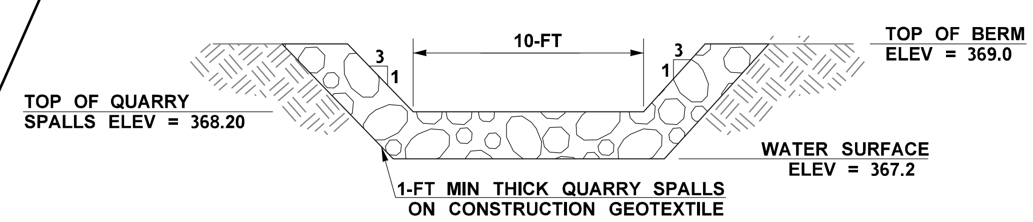
SECTION B-B

NOT TO SCALE



SECTION C-C

NOT TO SCALE



STABILIZED OVERFLOW SPILLWAY

NOT TO SCALE

CITY POND DESIGN TABLE			
STRUCTURE ID	POND BOTTOM ELEVATION	DESIGN WSEL	STORAGE VOLUME TO DESIGN WSEL
			CUBIC FEET
DR02-18	364.50'	367.20'	9100

ANGLE POINT TABLE

#	LOCATION	ELEVATION
1	C LINE 9+23.02 (45.43 LT)	365.0'
2	C LINE 9+01.09 (52.9' LT)	365.0'
3	C LINE 9+02.39 (54.6' LT)	365.0'
4	C LINE 8+95.97 (53.0' LT)	366.5'
5	C LINE 8+92.58 (55.2' LT)	366.5'
6	C LINE 8+88.70 (56.3' LT)	366.5'
7	C LINE 8+65.80 (56.3' LT)	366.5'
8	C LINE 8+71.22 (62.1' LT)	366.5'
9	C LINE 8+76.67 (58.9' LT)	366.5'
10	C LINE 8+80.93 (57.7' LT)	366.5'
11	C LINE 8+97.43 (57.7' LT)	366.5'
12	C LINE 8+62.60 (61.7' LT)	364.5'
13	C LINE 8+27.06 (59.8' LT)	364.5'
14	C LINE 8+26.21 (59.9' LT)	364.5'
15	C LINE 8+14.26 (61.8' LT)	364.5'
16	C LINE 8+10.95 (65.2' LT)	364.5'
17	C LINE 8+09.62 (74.8' LT)	364.5'
18	C LINE 8+13.71 (79.5' LT)	364.5'
19	C LINE 8+60.87 (79.5' LT)	364.5'
20	C LINE 8+65.00 (75.9' LT)	364.5'
21	C LINE 8+66.34 (66.2' LT)	364.5'
22	C LINE 8+16.69 (93.0' LT)	369.0'
23	C LINE 8+31.49 (93.0' LT)	369.0'
24	C LINE 7+99.21 (51.6' LT)	369.0'

ANGLE POINT TABLE (CONT.)

#	LOCATION	ELEVATION
25	C LINE 7+96.23 (73.1' LT)	369.0'
26	C LINE 8+61.25 (93.0' LT)	369.0'
27	C LINE 8+78.34 (77.9' LT)	369.0'
28	C LINE 8+79.63 (68.7' LT)	369.0'
29	C LINE 8+83.58 (65.2' LT)	369.0'
30	C LINE 8+94.48 (65.2' LT)	369.0'
31	C LINE 9+07.63 (65.3' LT)	369.0'
32	C LINE 9+33.08 (54.1' LT)	369.0'

CHAIN LINK FENCE TYPE 3 POINT TABLE

#	LOCATION
1	C LINE 8+25.50 (42.8' LT)
2	C LINE 7+94.67 (48.9' LT)
3	C LINE 7+84.36 (75.1' LT)
4	C LINE 7+84.47 (90.7' LT)
5	C LINE 8+03.65 (110.6' LT)
6	C LINE 8+77.40 (111.1 LT)
7	C LINE 8+94.39 (82.2' LT)
8	C LINE 9+05.81 (82.2' LT)
9	C LINE 9+25.23 (69.6' LT)
10	C LINE 9+25.86 (31.2' LT)
11	C LINE 9+36.28 (28.6' LT)
12	C LINE 8+93.34 (42.8' LT)

CITY POND QUANTITIES				
STRUCTURE ID	CHAIN LINK FENCE	DOUBLE GATE	COMMON BORROW	GRAVITY BLOCK WALL
	LF	EACH	CY	SF
DR02-18	380	1	570	1360

NOTES:

1. FOR CHAIN LINK FENCE AND GATE GENERAL NOTES, DIMENSIONS, AND DETAILS NOT SHOWN, SEE WSDOT STANDARD PLAN L-20.10 AND STANDARD PLAN L-30.10.
2. SEEDING AND RESTORATION IN ACCORDANCE WITH SPECIFICATION SECTION 8-02 ROADSIDE RESTORATION.
3. SEE SHEET DRD08 FOR GRAVITY BLOCK WALL DETAIL.
4. THE COLOR OF THE CHAIN LINK FENCE AND GATE FABRIC SHALL MATCH SAE AMS STANDARD 595 COLOR NO. 27038.
5. QUARRY SPALLS SHALL BE PER WSDOT STANDARD SPECIFICATION SECTION 9-13.1(6).
6. CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION SHALL BE PER WSDOT STANDARD SPECIFICATION SECTION 9-33.2(1), TABLE 3, NON-WOVEN.

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DATE	9/21/2020				
PLOTTED BY	nicolec				
DESIGNED BY	T. HEW				
ENTERED BY	J. ROMERO				
CHECKED BY	C. COVINGTON				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 20A013

CONTRACT NO. | LOCATION NO.

THEYNE S. COVINGTON
STATE OF WASHINGTON
40803
REGISTERED
PROFESSIONAL ENGINEER

P.E. STAMP BOX | DATE

PARSONS

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

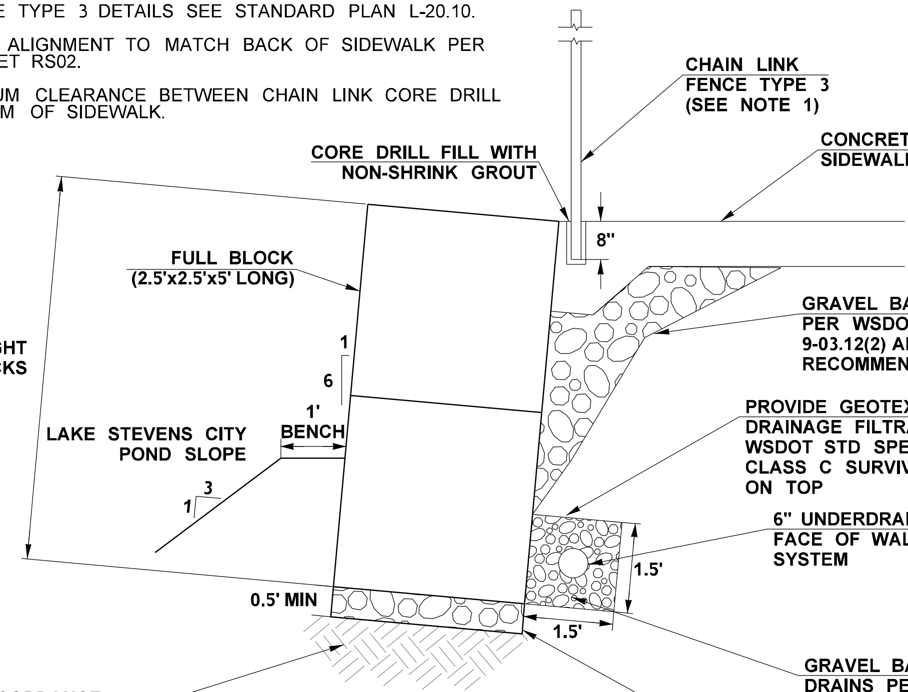
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

DRAINAGE DETAILS

PLAN REF NO DRD07

NOTES:

1. FOR CHAIN LINK FENCE TYPE 3 DETAILS SEE STANDARD PLAN L-20.10.
2. SET WALL HEIGHT AND ALIGNMENT TO MATCH BACK OF SIDEWALK PER TYPICAL SECTIONS, SHEET RS02.
3. PROVIDE 4-INCH MINIMUM CLEARANCE BETWEEN CHAIN LINK CORE DRILL AND EDGE AND BOTTOM OF SIDEWALK.



GRAVITY BLOCK WALL DETAIL

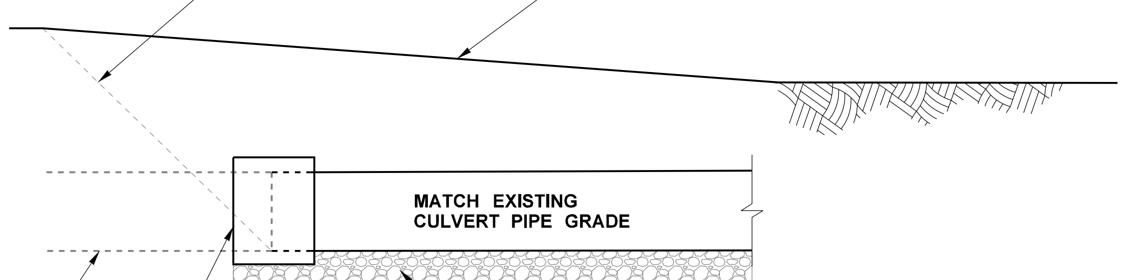
NOT TO SCALE

PLASTIC DRAINAGE MARKING LOCATIONS		
STRUCTURE CODE	LOCATION/ DETAIL SHEET	PLASTIC DRAINAGE MARKING
		EACH
DR01-1	DRD01	2
DR02-1	DRD03	2
DR03-9	A LINE STA. 255+35 (28' LT)	1
DR03-11	A LINE STA. 257+60 (23.5' LT)	1
	TOTAL	6

NOTES:

1. FOR DRAINAGE STRUCTURE DRAINAGE MARKING DETAILS, SEE SYMBOL MARKINGS MISCELLANEOUS STD PLAN M-24.60.

PLASTIC DRAINAGE MARKING LOCATIONS



CULVERT EXTENSION PIPE DETAIL

NOT TO SCALE

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FLEXIBLE GUIDE POST LOCATIONS		
STRUCTURE CODE	DETAIL SHEET	FLEXIBLE GUIDE POST
		EACH
DR01-1	DRD01	3
DR02-1	DRD01	2
DR03-9	DRD03	1
DR03-11	DRD06	1
	TOTAL	7

NOTES:

1. FOR ADDITIONAL FLEXIBLE GUIDE POST LOCATIONS, SEE SHEET PV01.

FLEXIBLE GUIDE POST LOCATIONS

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TIME	3:20:18 PM
DATE	9/21/2020
PLOTTED BY	nicolec
DESIGNED BY	T. HEW
ENTERED BY	J. ROMERO
CHECKED BY	C. COVINGTON
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 20A013

CONTRACT NO. | LOCATION NO.

P.E. STAMP BOX — DATE

PARSONS

OSBORN CONSULTING INCORPORATED

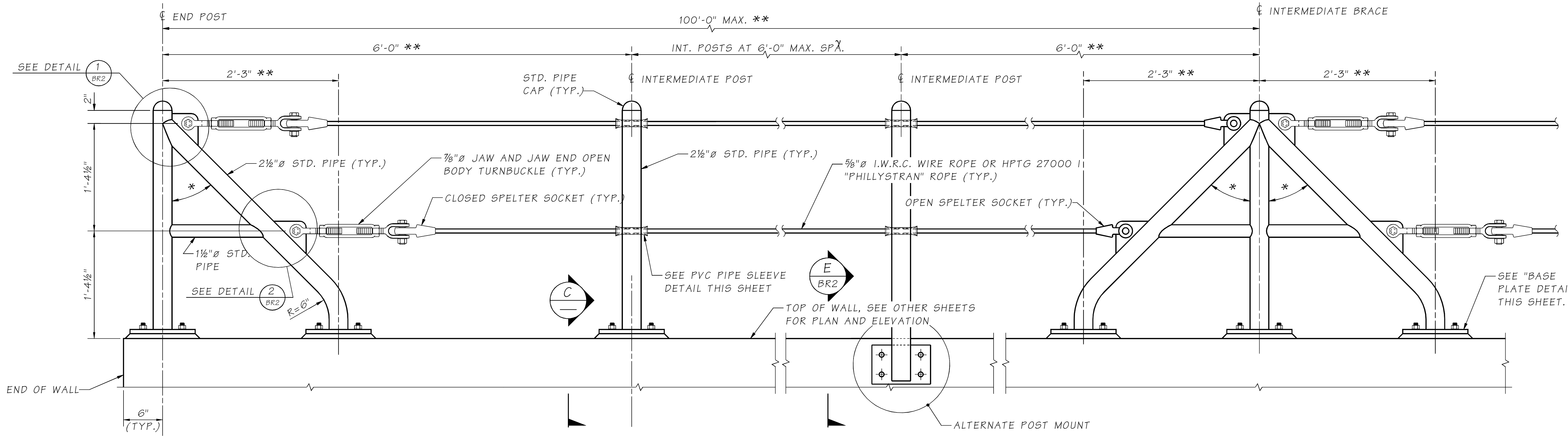
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

DRAINAGE DETAILS

PLAN REF NO DRD08

SHEET 42 OF 161 SHEETS

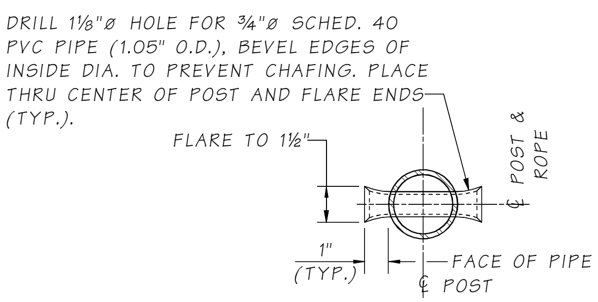


ELEVATION
CABLE FENCE

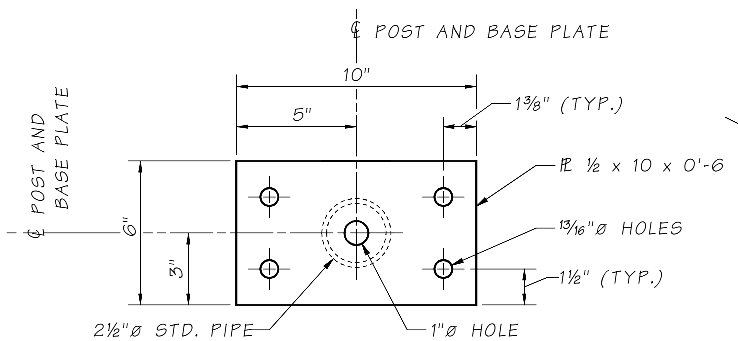
* ANGLES VARY WITH THE SLOPE OF THE TOP OF WALL. APPROX. 45° WHEN INSTALLED ON A LEVEL SURFACE.

** MEASURED PERPENDICULAR TO THE POSTS.

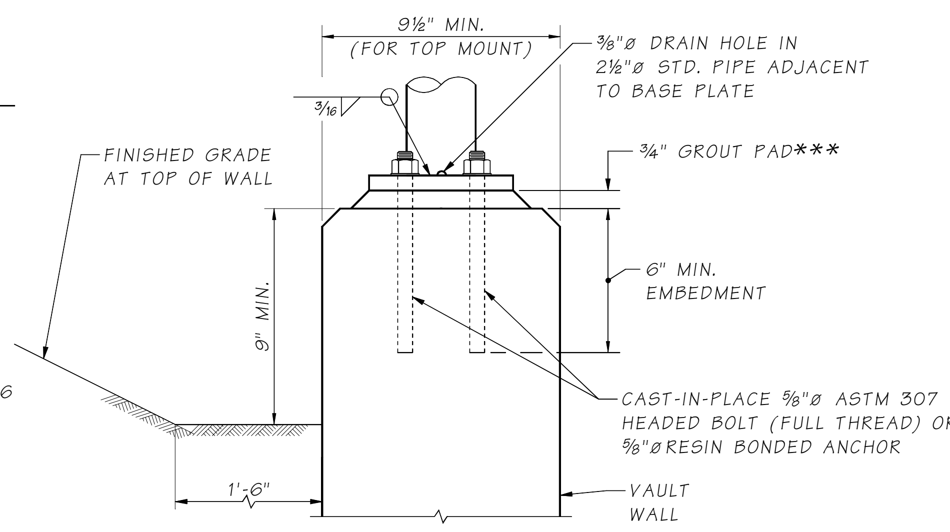
γ OMIT INTERMEDIATE POST WHEN SPACING BETWEEN END POST AND INTERMEDIATE BRACE IS LESS THAN 8'-6".



PVC PIPE SLEEVE DETAIL



BASE PLATE DETAIL



SECTION C

*** GROUT SHALL BE IN ACCORDANCE WITH SECTION 9-20.3(2)

NOTES:

1. ALL STEEL PIPE SHALL BE ASTM A53 GRADE B, TYPE E OR S, OR EQUIVALENT HSS ROUND TUBE ASTM A 500 GRADE B
2. ALL STEEL PLATE SHALL BE ASTM A 36 OR ASTM A 572.
3. ROPE SHALL CONSIST OF ZINC-COATED WIRES CONFORMING TO ASTM A 603, OR ASTM A 1023 WITH A PRESTRETCHED MODULUS OF ELASTICITY OF 15,000 KSI, OR "PHILLYSTRAN" ROPE.
4. ALL PARTS EXCEPT ROPE SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH AASHTO M111, M232, OR ASTM F2329 AFTER FABRICATION, UNLESS NOTED OTHERWISE.
5. THE SPELTER SOCKETS AND SOCKETING PROCEDURE SHALL BE IN ACCORDANCE WITH THE SPELTER SOCKET AND ROPE MANUFACTURERS RECOMMENDATIONS.
6. ALL POSTS TO BE INSTALLED VERTICAL AND ROPE TO BE INSTALLED PARALLEL TO TOP OF WALL.
7. ROPE SHALL BE INSTALLED TO 400 LBS TENSION LEAVING A TAKE UP OF 6" STILL AVAILABLE IN THE TURNBUCKLE. THE CONTRACTOR SHALL SUBMIT CABLE TENSIONING DETAILS TO THE ENGINEER FOR ACCEPTANCE.
8. EACH CONTINUOUS LENGTH OF CABLE SHALL HAVE A TURNBUCKLE AT ONE END ONLY AND BE ANCHORED TO END POST WITH BRACE AT BOTH ENDS.
9. INTERMEDIATE POSTS AND BRACES SHALL NOT TO BE INSTALLED ACROSS EXPANSION JOINT.
10. CABLE FENCE WAS DESIGNED FOR A 200 LB. LOAD ON THE TOP RAIL APPLIED IN ANY DIRECTION, AS REQUIRED BY WASHINGTON ADMINISTRATIVE CODE 296-155-24615.
11. ROPE, SPELTER SOCKETS, TURNBUCKLES AND THIER CONNECTIONS SHALL HAVE A MINIMUM BREAKING STRENGTH OF 26 KIPS.

Bridge Design Engr.	Khaleghi, B	
Supervisor		
Designed By	Rosa, M.	09/20
Checked By		
Detailed By	Rosa, M.	09/20
Bridge Projects Engr.		
Prelim. Plan By		
Architect/Specialist		

M:\Y-Team\SR9 SR204 INTERSECTION STAGE 3\CABLE FENCE DETAILS.MAN

DATE	REVISION	BY	APP'D

REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	WASH.			

JOB NUMBER

MICHAEL A. ROSA · STATE OF WASHINGTON · 43707 · STRUCTURAL ENGINEER · PROFESSIONAL ENGINEER

BRIDGE AND STRUCTURES OFFICE

PRELIMINARY

Washington State Department of Transportation

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SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

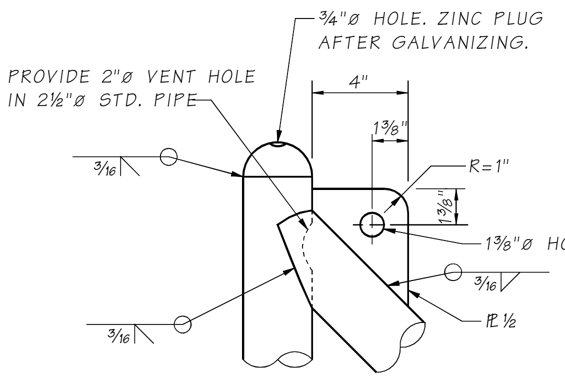
CABLE FENCE DETAILS

BRIDGE SHEET NO. DRD09

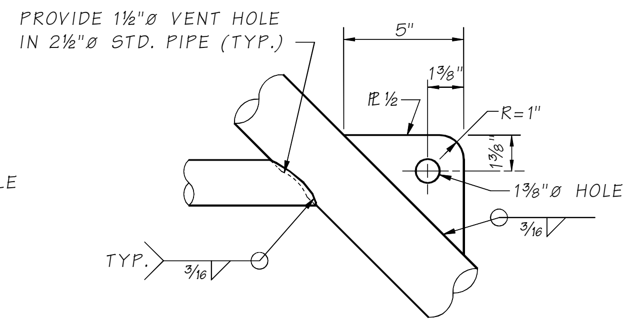
SHEET 43 OF 161 SHEETS

SR _ FILE NO. Job SHEET 1

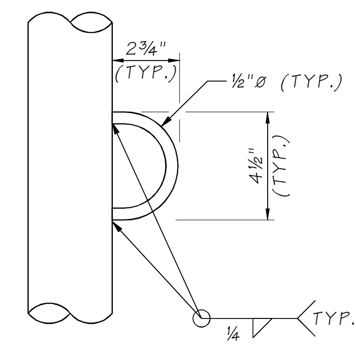
Mon Sep 14 13:39:25 2020



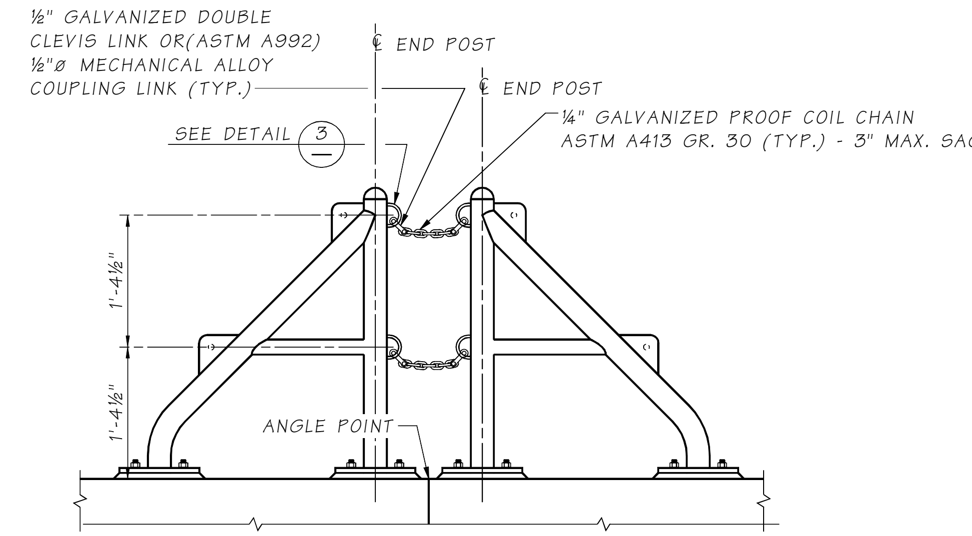
DETAIL 1
BR1



DETAIL 2
BR1

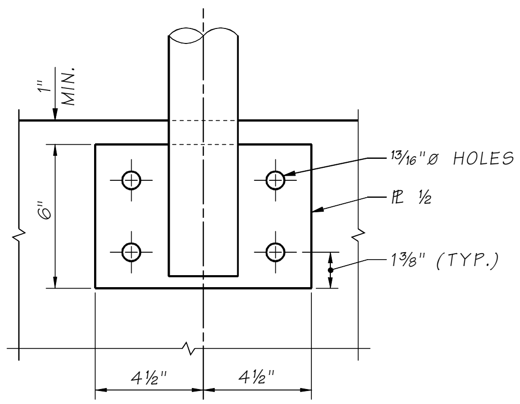


DETAIL 3
RETAINER LOOP

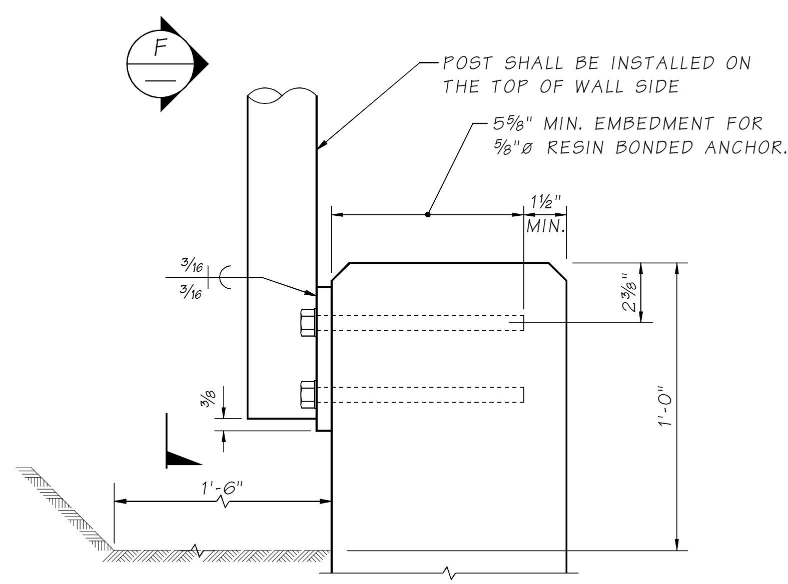


CHAIN CONNECTION ELEVATION AT CORNERS

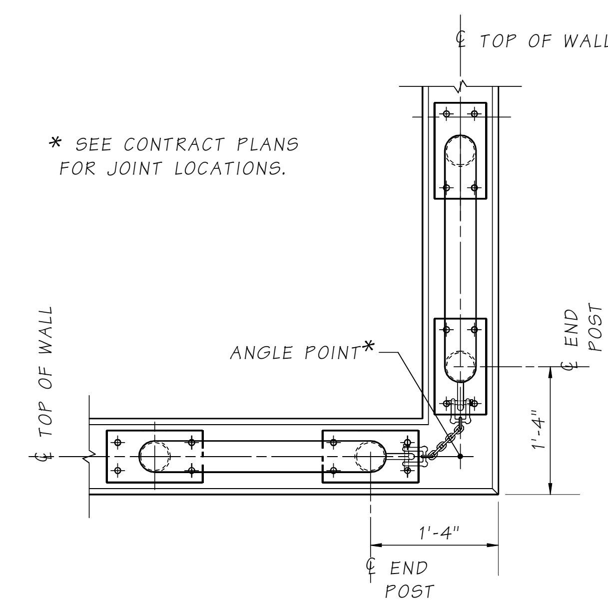
VIEW ALONG CENTERLINE TOP OF WALL.
TO BE INSTALLED ACROSS WALL ANGLE POINTS.
(WIRE ROPE AND SPELTER SOCKETS NOT SHOWN FOR CLARITY)



VIEW F



SECTION E
ALTERNTE POST MOUNT
BR1



CHAIN CONNECTION PLAN AT CORNERS

WIRE ROPE AND SPELTER SOCKETS NOT SHOWN FOR CLARITY.
(TYP. 4 LOCATIONS)

SR ___ FILE NO. Job SHEET 1

Bridge Design Engr.	Khaleghi, B				
Supervisor					
Designed By	Rosa, M.	09/20			
Checked By					
Detailed By	Rosa, M.	09/20			
Bridge Projects Engr.					
Prelim. Plan By					
Architect/Specialist		DATE	REVISION	BY	APP'D

M:\Y-Team\SR9 SR204 INTERSECTION STAGE 3\CABLE FENCE DETAILS 2.MAN

REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
10	WASH.			
JOB NUMBER				

MICHAEL A. ROSA
STATE OF WASHINGTON
43707
STRUCTURAL ENGINEER
PROFESSIONAL ENGINEER

BRIDGE AND STRUCTURES OFFICE

PRELIMINARY

Washington State Department of Transportation

NOT FOR CONSTRUCTION

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

CABLE FENCE DETAILS

BRIDGE SHEET NO. DRD10

SHEET 43 OF 161 SHEETS

Mon Sep 14 13:40:39 2020

SOIL PREPARATION NOTES

1. PRESERVE AND PROTECT EXISTING NATIVE VEGETATION IN ACCORDANCE WITH SECTION 1-07.16(2). NO DISTURBANCE TO ANY VEGETATION ALONG THE PERIMETER OF THE SITE. PRUNNING CAN BE ALLOWED TO BUILD THE NOISE WALL PER ENGINEER DIRECTION.
2. SEED ALL DISTURBED AREAS NOT OTHERWISE SHOWN AS PLANTED OR SEEDED IN THE PLANTING PLANS, PER SECTION 8-01.3(2).
3. IMMEDIATELY UPON COMPLETION OF SLOPE GRADING,DE-COMPACTION SHALL OCCUR FOR PLANTING AREA PREPARATION WORK PER STANDARD 8-02.3(5)C.
4. ALL THE EXISTING TREES SHOWN AS PRESERVED AND PROTECT ON PLAN SHEETS SHALL BE PROTECTED FROM ANY DAMAGE.
5.COMPOST SEEDING WITH WET NATIVE SEED MIX SHALL ONLY APPLY TO THE BOTTOM OF THE CITY POND AND BIOFILTRATION SWALE CROSSING 4TH ST NE. SEE SPECIAL PROVISION FOR SEED MIX AND DETAILS.
6.SEE SHEET LD2 FOR TOPSOIL TYPE A PLACEMENT AND DETAILS.

PLANTING AND SEEDING AREAS SOIL PREPARATION - QUANTITY TAB

SYMBOL	ITEM - SA (SEE SHEET LD2 FOR DETAILS)	QUANTITY	
	SOIL AMENDMENT - 3" DEPTH	2.8	AC
	BARK OR WOOD CHIP MULCH - 3" DEPTH	2.8	AC
SYMBOL	**ITEM - T (SEE SHEET LD2 FOR DETAILS)**	**QUANTITY**	
	TOPSOIL TYPE A - 18" DEPTH	0.5	AC
	BARK OR WOOD CHIP MULCH - 3" DEPTH	0.5	AC
SYMBOL	**ITEM - D**	**QUANTITY**	
	SOIL DECOMPACTION (SEE RELATED SPECIAL PROVISION)	0.24	AC
SYMBOL	**ITEM - S (SEE SHEET LD2 FOR DETAILS)**	**QUANTITY**	
	COMPOST SEEDING - 3" DEPTH (EROSION CONTROL SEED MIX) - SEE COMPOST SEEDING SPECIAL PROVISION	1.1	AC
	COMPOST SEEDING - 1" DEPTH (WET SEED MIX) - SEE COMPOST SEEDING SPECIAL PROVISION	0.08	AC

* QUANTITIES APPLY TO SHEETS SPP1-SPP2

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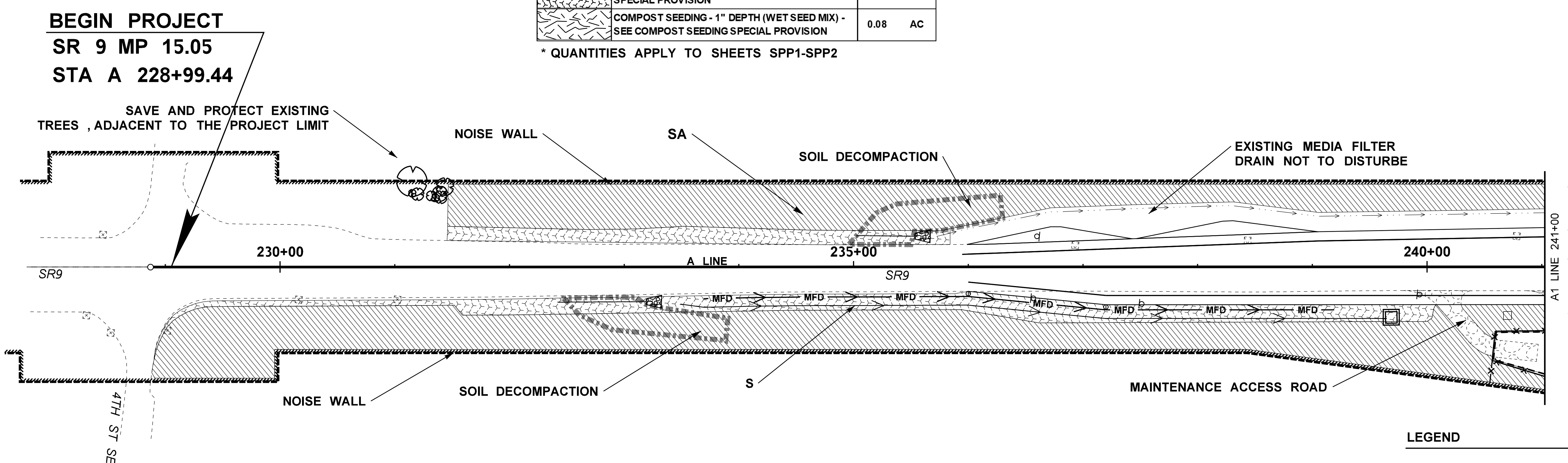
SCALE IN FEET



LEGEND

- WSDOT LIMITED ACCESS
- EDGE OF ROADWAY - NEW
- EDGE OF ROADWAY - EXISTING
- GUARDRAIL
- EXISTING WETLAND
- EXISTING WETLAND BUFFER
- NOISE WALL
- EXISTING DITCH
- NEW DITCH
- MEDIA FILTER DRAIN
- NEW SIGN AND SIGNAL BOX
- NEW INLET
- SAVE AND PROTECT EXISTING TREE

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DESIGNED BY	N.HOSSEINIDARPOSHTI			
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CHECKED BY	L.JUNGBLUTH			
PROJ. ENGR.	K.NDILE			
REGIONAL ADM.	M.COTTEN	REVISION	DATE	BY

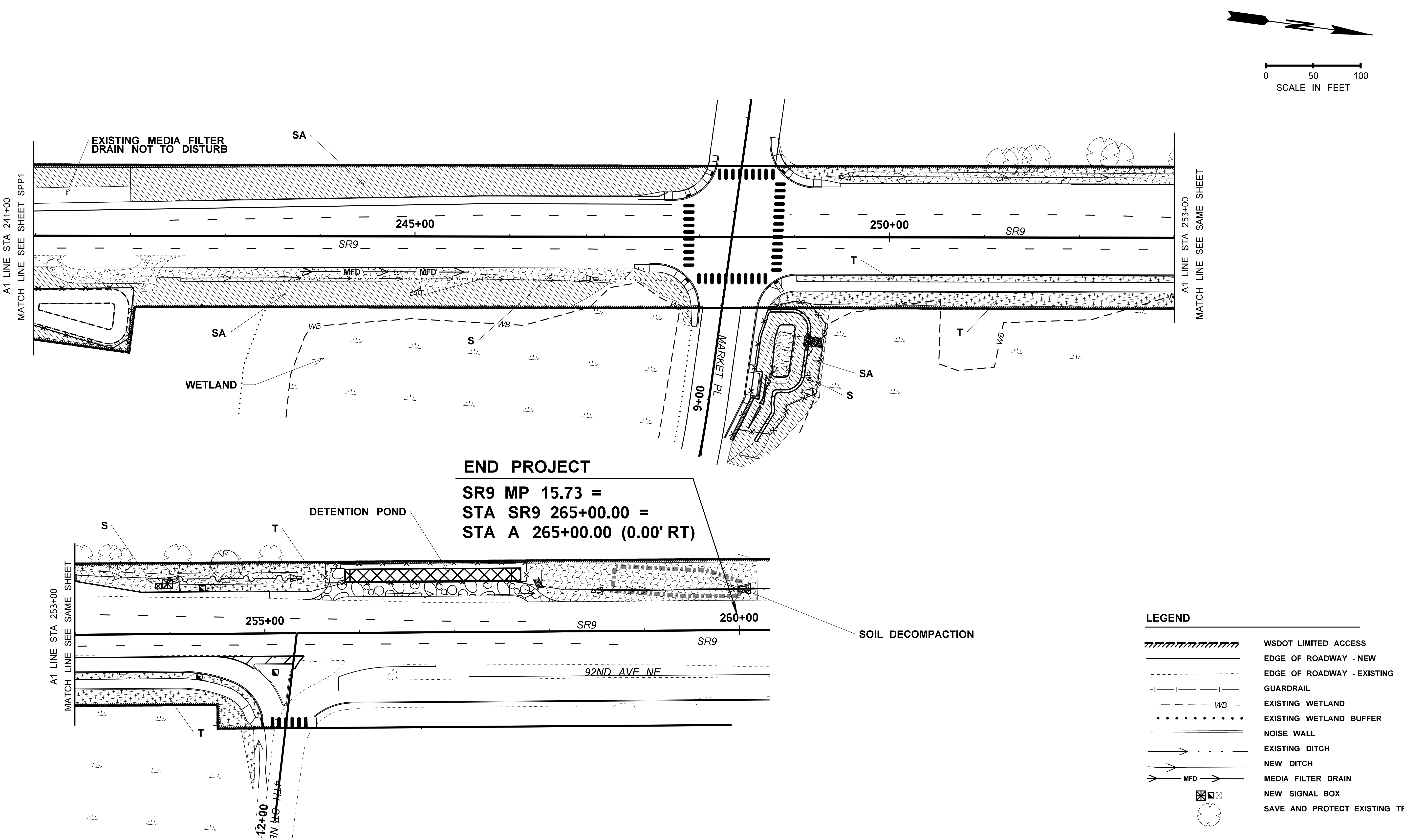
REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER
CONTRACT NO. | LOCATION NO.

STATE OF WASHINGTON
LINDSEY A. JUNGBLUTH
NO 1483 EXP. 11/05/2021
LICENSED LANDSCAPE ARCHITECT
DATE

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENT (STAGE2)
SOIL PREPARATION PLAN

Plot 25
SPP1
SHEET 45 OF 161 SHEETS



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PROJ. ENGR.	K.NDILE				
REGIONAL ADM.	M.COTTEN		REVISION	DATE	BY

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Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENT (STAGE2)

SOIL PREPARATION PLAN

Plot 27

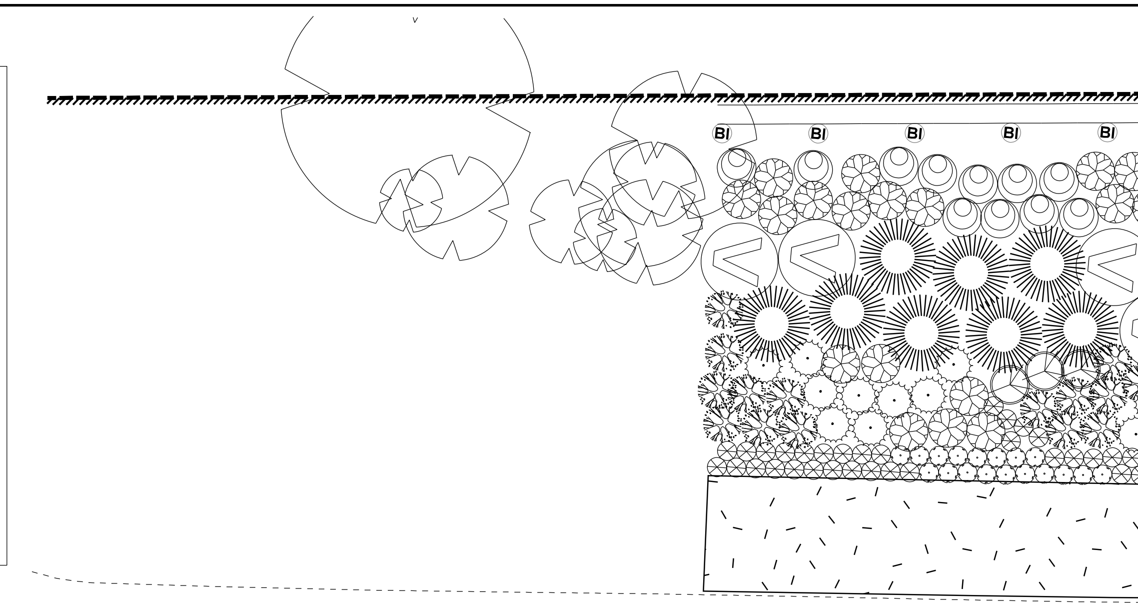
SPP2

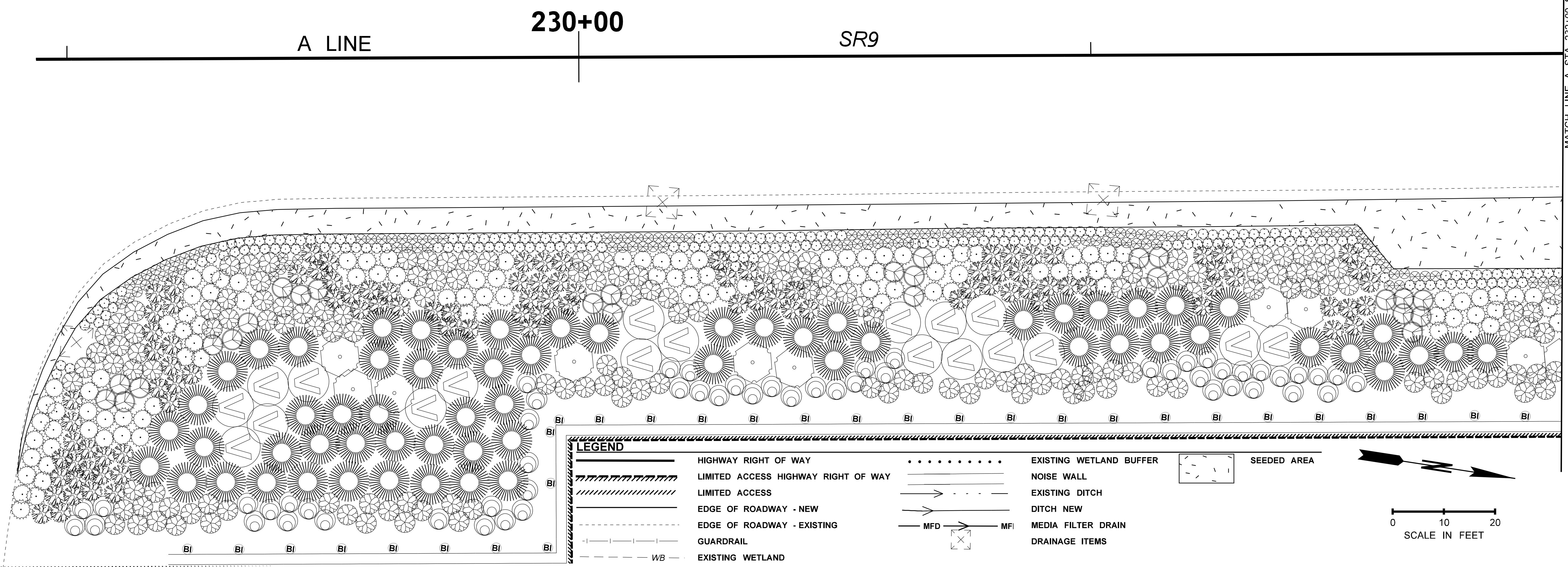
SHEET 46 OF 161 SHEETS

PLANT SPECIES AND QUANTITIES , SHEET LP1 ONLY			
		Notes	Quantity
TREES / LARGE SHRUBS / SMALL SHRUBS / GROUND COVER		QUANTITY BASED ON SYMBOL COUNT PER SHEET	
	PSIPE - WESTERN RED CEDAR, (EXCELSA) ,#2 CONT	per plan	70
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	10
	PSIPE - VINE MAPLE, #2 CONT.	per plan	22
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	29
	PSIPE - RED-OSIER DOGWOOD, #1 CONT.	per plan	115
	PSIPE - SALAL, #1 CONT.	per plan	143
	PSIPE - SNOWBERRY, #1 CONT.	per plan	171
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	122
	PSIPE - THIMBLEBERRY, #1 CONT.	per plan	65
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	216
BI	PSIPE - BOSTON IVY, #1 CONT.	per plan	35

PLANTING AND SEEDING NOTES (APPLY TO SHEETS LP1-LP13):

1- SAVE AND PROTECT THE VEGETATION ADJACENT TO PROJECT BOUNDARY AS SHOWN ON PLAN SHEETS.
2- PLANT WESTERN RED CEDAR"EXCELSA", PERSIAN IRONWOOD, AND VINE MAPLE APPROXIMATE 8 FT O.C. THE LAYOUT SHOULD BE TO PLAN,SPACING IS APPROXIMATE FOR REFERENCE ONLY.
3- PLANT RED FLOWERING CURRENT, RED-OSIER DOGWOOD, SNOWBERRY, TALL OREGON GRAPE AND THIMBLEBERRY APPROXIMATE 4 FT O.C.THE LAYOUT SHOULD BE TO PLAN, SPACING IS APPROXIMATE FOR REFERENCE ONLY.
4- PLANT SALAL AND MT. VERNON LAUREL APPROXIMATE 2 FT O.C. THE LAYOUT SHOULD BE TO PLAN, SPACING IS APPROXIMATE FOR REFERENCE ONLY.
5- SEE SETBACK CHART ON SHEET LD1 FOR TREES AND SHRUBS SETBACK FROM NOISE WALL, EDGE OF THE ROAD, UTILITY AND SIGNAL ELEMENTS.
6- NO DISTURBANCE SHALL OCCUR TO EXISTING MEDIA FILTER DRAIN.
7- PLANT BOSTON IVY ,10 FT O.C , ALONG THE NOISE WALLS ONLY ON HIGHWAY SIDE. SEE SHEET LD1 FOR DETAILS.
8-SHEET LP8: 3 SNOWBERRY AND 2 VINE MAPLE SYMBOLS ARE NOT SHOWN ON THE SE QUADRANT BEYOND THE SHEET LIMIT. THESE QUANTITIES ARE REFLECTED IN THE PLANT QUANTITY TABLE AND SHALL BE PLANTED ON MARKET ST.
9- CITY POND: PLANT WESTERN SWORD FERN IN CLUSTER OF 5 TO 7 CLOSER TO THE PEDESTRIAN PATH ON SR 9.





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DESIGNED BY	N.HOSSEINIDARPOSHTI
ENTERED BY	N.HOSSEINIDARPOSHTI
CHECKED BY	L.JUNGBLUTH
PROJ. ENGR.	K.NDILE
REGIONAL ADM.	M.COTTEN

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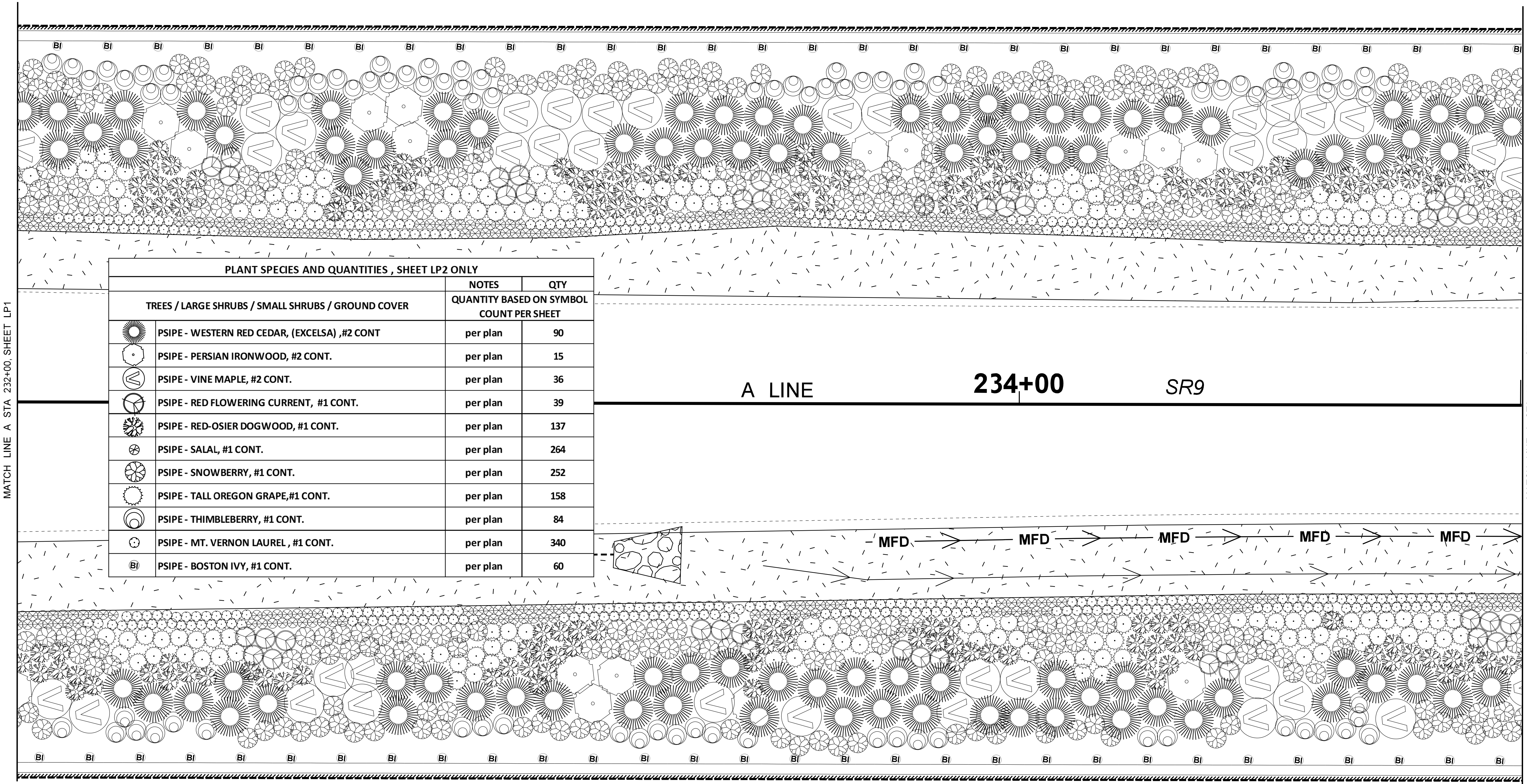
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENT (STAGE2)
LANDSCAPE PLAN

Plot 31
PLAN REF NO LP1
SHEET 47 OF 161 SHEETS



PLANT SPECIES AND QUANTITIES , SHEET LP2 ONLY			
		NOTES	QTY
TREES / LARGE SHRUBS / SMALL SHRUBS / GROUND COVER		QUANTITY BASED ON SYMBOL COUNT PER SHEET	
	PSIPE - WESTERN RED CEDAR, (EXCELSA) ,#2 CONT	per plan	90
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	15
	PSIPE - VINE MAPLE, #2 CONT.	per plan	36
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	39
	PSIPE - RED-OSIER DOGWOOD, #1 CONT.	per plan	137
	PSIPE - SALAL, #1 CONT.	per plan	264
	PSIPE - SNOWBERRY, #1 CONT.	per plan	252
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	158
	PSIPE - THIMBLEBERRY, #1 CONT.	per plan	84
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	340
BI	PSIPE - BOSTON IVY, #1 CONT.	per plan	60

LEGEND

- HIGHWAY RIGHT OF WAY
- LIMITED ACCESS HIGHWAY RIGHT OF WAY
- LIMITED ACCESS
- EDGE OF ROADWAY - NEW
- EDGE OF ROADWAY - EXISTING
- GUARDRAIL
- WB — EXISTING WETLAND
- EXISTING WETLAND BUFFER
- NOISE WALL
- EXISTING DITCH
- DITCH NEW
- MFD — MFD MEDIA FILTER DRAIN
- SEEDED AREA

0 10 20
SCALE IN FEET

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DESIGNED BY	N.HOSSEINIDARPOSHTI
ENTERED BY	N.HOSSEINIDARPOSHTI
CHECKED BY	L.JUNGBLUTH
PROJ. ENGR.	K.NDILE
REGIONAL ADM.	M.COTTEN

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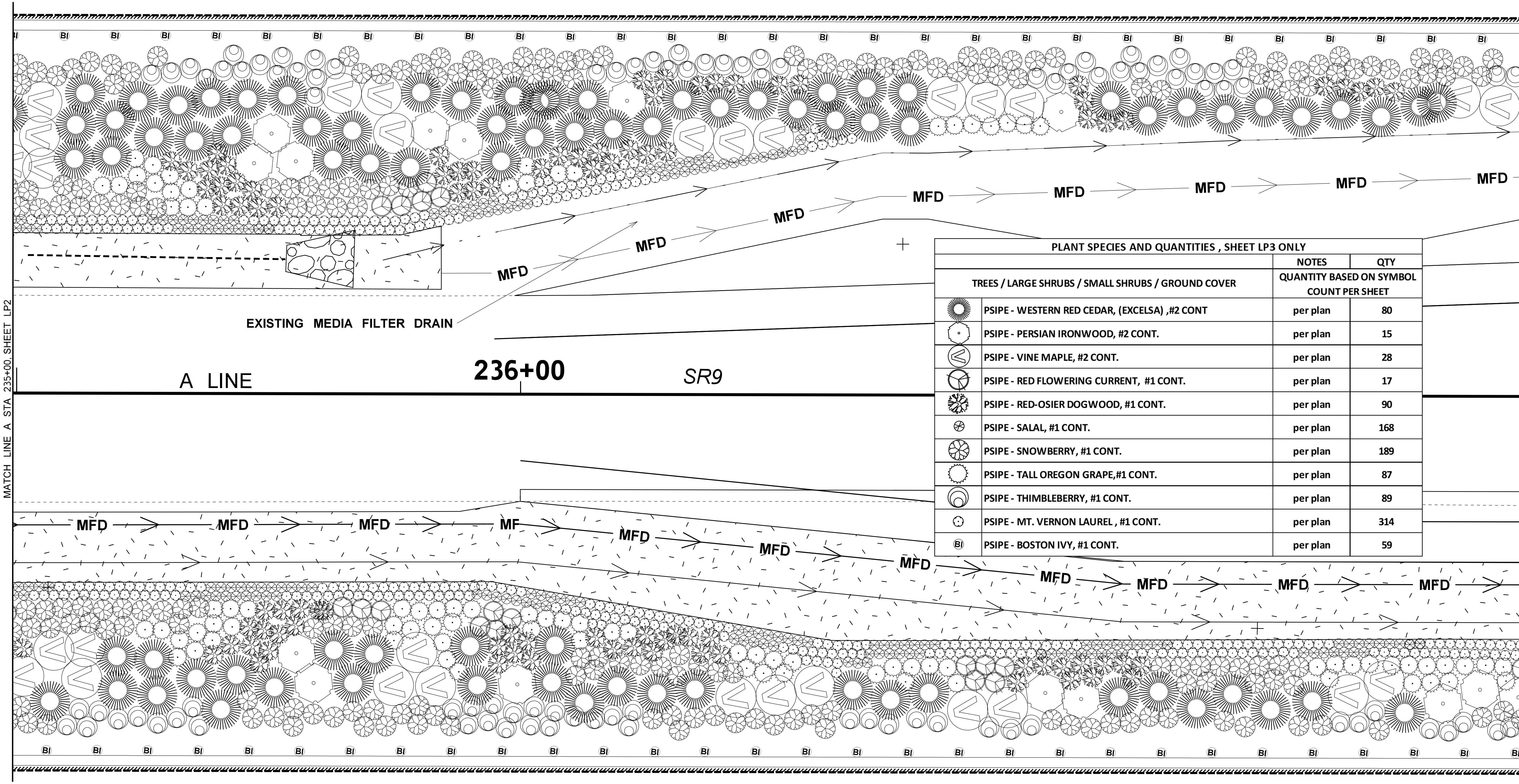
SR 9
SR 204 INTERSECTION IMPROVEMENT (STAGE2)
LANDSCAPE PLAN

Plot 32
PLAN REF NO LP2
SHEET 48 OF 161 SHEETS



PLANT SPECIES AND QUANTITIES , SHEET LP3 ONLY		
	NOTES	QTY
TREES / LARGE SHRUBS / SMALL SHRUBS / GROUND COVER	QUANTITY BASED ON SYMBOL COUNT PER SHEET	
PSIPE - WESTERN RED CEDAR, (EXCELSA) ,#2 CONT	per plan	80
PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	15
PSIPE - VINE MAPLE, #2 CONT.	per plan	28
PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	17
PSIPE - RED-OSIER DOGWOOD, #1 CONT.	per plan	90
PSIPE - SALAL, #1 CONT.	per plan	168
PSIPE - SNOWBERRY, #1 CONT.	per plan	189
PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	87
PSIPE - THIMBLEBERRY, #1 CONT.	per plan	89
PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	314
PSIPE - BOSTON IVY, #1 CONT.	per plan	59

LEGEND

HIGHWAY RIGHT OF WAY
LIMITED ACCESS HIGHWAY RIGHT OF WAY
LIMITED ACCESS
EDGE OF ROADWAY - NEW
EDGE OF ROADWAY - EXISTING
GUARDRAIL
WB EXISTING WETLAND
EXISTING WETLAND BUFFER
NOISE WALL
EXISTING DITCH
DITCH NEW
MFD MFI MEDIA FILTER DRAIN
SEEDED AREA

0 10 20
SCALE IN FEET

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CHECKED BY	L.JUNGBLUTH			
PROJ. ENGR.	K.NDILE			
REGIONAL ADM.	M.COTTEN	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
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Department of Transportation

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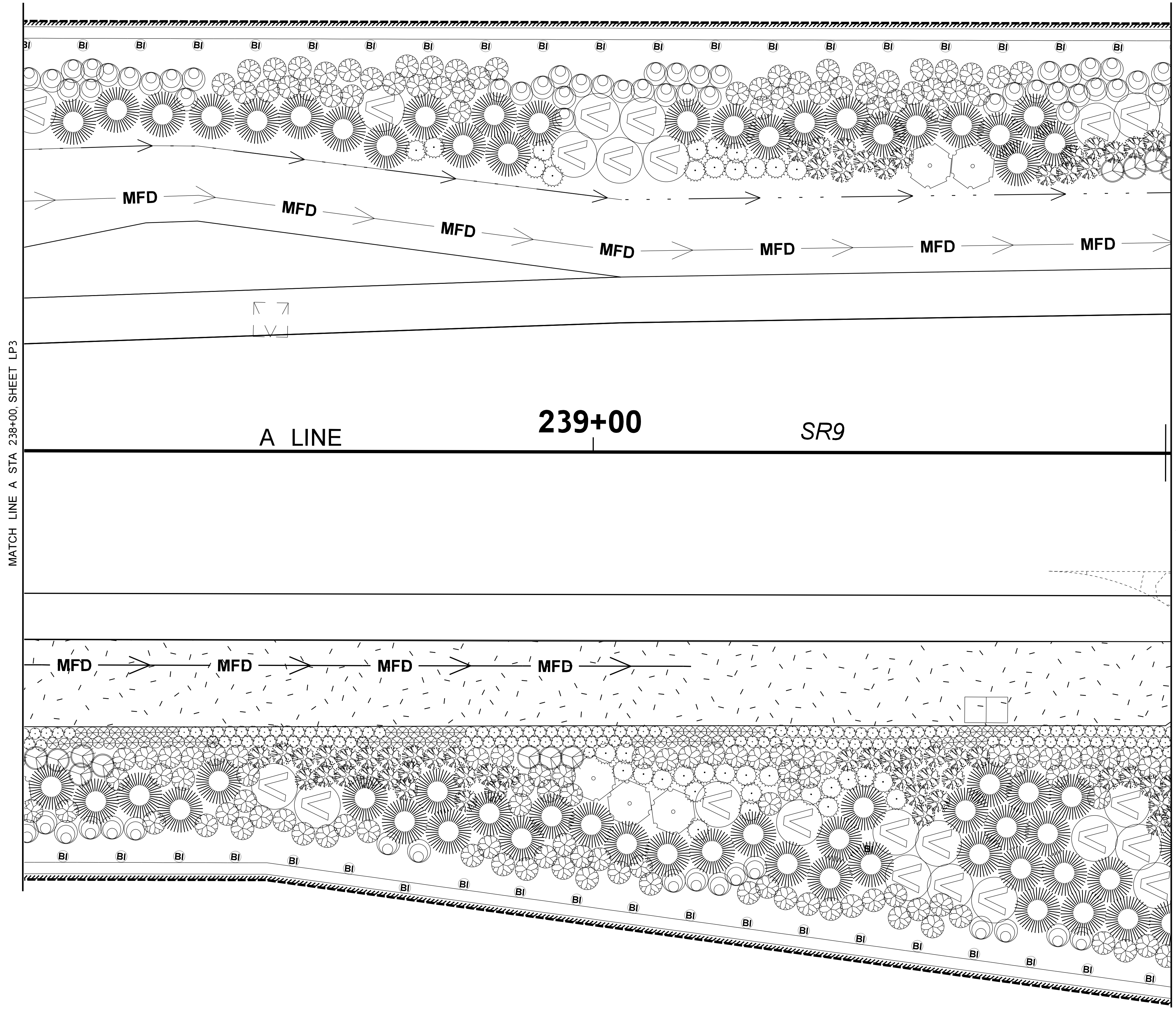
SR 204 INTERSECTION
IMPROVEMENT (STAGE2)

LANDSCAPE PLAN

Plot 33
PLAN REF NO
LP3
SHEET
49
OF
161
SHEETS



PLANT SPECIES AND QUANTITIES , SHEET LP4 ONLY			
		NOTES	QTY
TREES / LARGE SHRUBS / SMALL SHRUBS / GROUND COVER		QUANTITY BASED ON SYMBOL COUNT PER SHEET	
	PSIPE - WESTERN RED CEDAR, (EXCELSA) ,#2 CONT	per plan	60
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	5
	PSIPE - VINE MAPLE, #2 CONT.	per plan	22
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	12
	PSIPE - RED-OSIER DOGWOOD, #1 CONT.	per plan	56
	PSIPE - SALAL, #1 CONT.	per plan	67
	PSIPE - SNOWBERRY, #1 CONT.	per plan	134
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	35
	PSIPE - THIMBLEBERRY, #1 CONT.	per plan	61
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	138
BI	PSIPE - BOSTON IVY, #1 CONT.	per plan	39

LEGEND

- HIGHWAY RIGHT OF WAY
- LIMITED ACCESS HIGHWAY RIGHT OF WAY
- LIMITED ACCESS
- EDGE OF ROADWAY - NEW
- EDGE OF ROADWAY - EXISTING
- GUARDRAIL
- WB — EXISTING WETLAND
- EXISTING WETLAND BUFFER
- NOISE WALL
- EXISTING DITCH
- DITCH NEW
- MFD — MEDIA FILTER DRAIN
- SEEDED AREA

0 10 20
SCALE IN FEET

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DESIGNED BY	N.HOSSEINIDARPOSHTI
ENTERED BY	N.HOSSEINIDARPOSHTI
CHECKED BY	L.JUNGBLUTH
PROJ. ENGR.	K.NDILE
REGIONAL ADM.	M.COTTEN

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO.

STATE OF WASHINGTON
LINDSEY A. JUNGBLUTH
NO. 1483 EXP. 11/05/2021
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Department of Transportation

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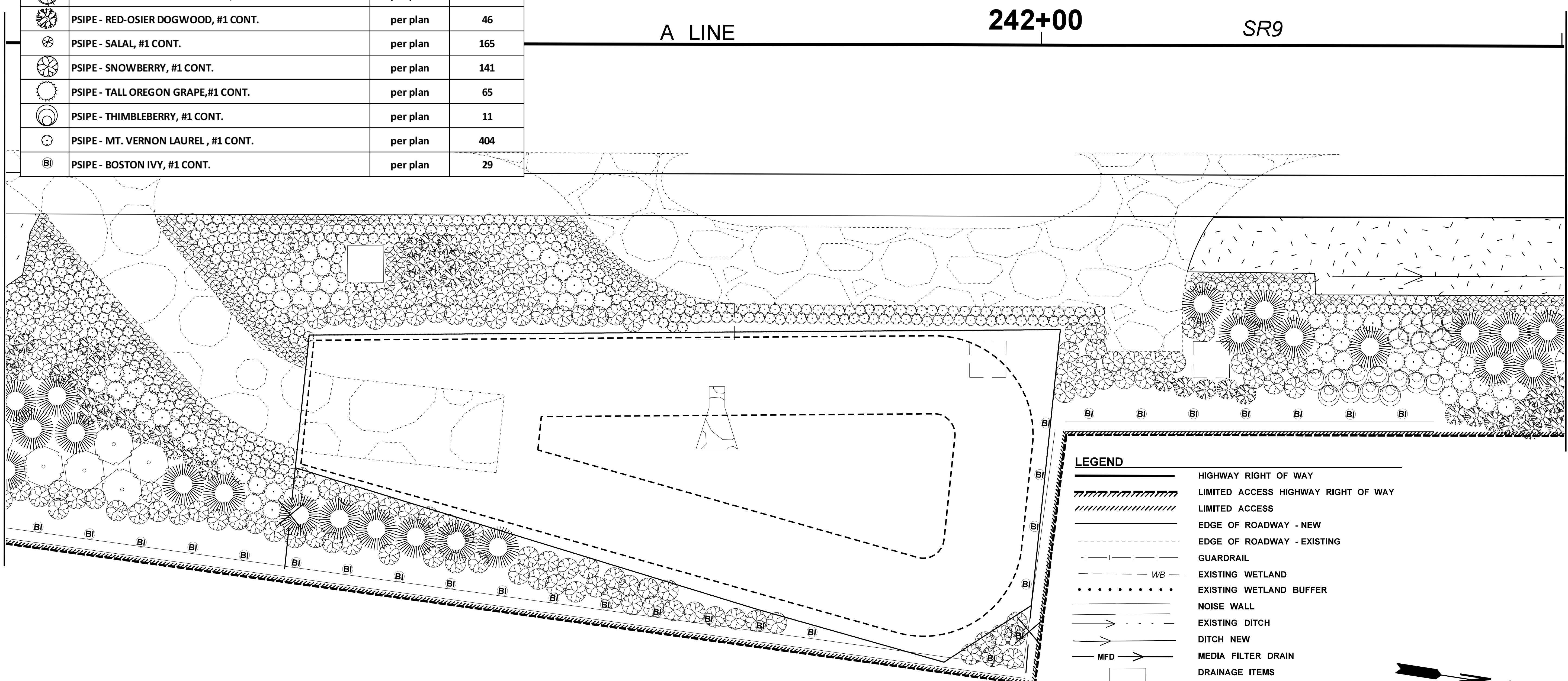
SR 204 INTERSECTION
IMPROVEMENT (STAGE2)

LANDSCAPE PLAN

Plot 34
PLAN REF NO
LP4
SHEET
50
OF
161
SHEETS

PLANT SPECIES AND QUANTITIES , SHEET LP5 ONLY			
		NOTES	QTY
TREES / LARGE SHRUBS / SMALL SHRUBS / GROUND COVER		QUANTITY BASED ON SYMBOL COUNT PER SHEET	
	PSIPE - WESTERN RED CEDAR, (EXCELSA) ,#2 CONT	per plan	23
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	5
	PSIPE - VINE MAPLE, #2 CONT.	per plan	0
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	6
	PSIPE - RED-OSIER DOGWOOD, #1 CONT.	per plan	46
	PSIPE - SALAL, #1 CONT.	per plan	165
	PSIPE - SNOWBERRY, #1 CONT.	per plan	141
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	65
	PSIPE - THIMBLEBERRY, #1 CONT.	per plan	11
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	404
BI	PSIPE - BOSTON IVY, #1 CONT.	per plan	29



LEGEND

HIGHWAY RIGHT OF WAY
LIMITED ACCESS HIGHWAY RIGHT OF WAY
LIMITED ACCESS
EDGE OF ROADWAY - NEW
EDGE OF ROADWAY - EXISTING
GUARDRAIL
WB — EXISTING WETLAND
EXISTING WETLAND BUFFER
NOISE WALL
EXISTING DITCH
DITCH NEW
MFD — MEDIA FILTER DRAIN
DRAINAGE ITEMS
SEEDED AREA

0 10 20
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CHECKED BY	L.JUNGBLUTH
PROJ. ENGR.	K.NDILE
REGIONAL ADM.	M.COTTEN

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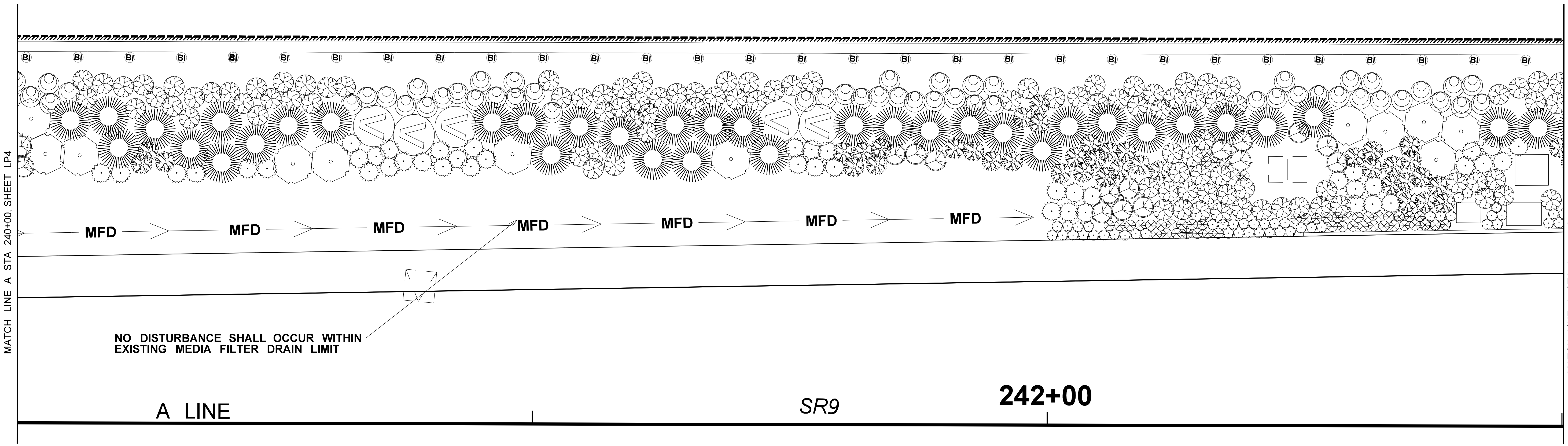
SR 204 INTERSECTION
IMPROVEMENT (STAGE2)

LANDSCAPE PLAN

Plot 35
PLAN REF NO
LP5



LEGEND

	HIGHWAY RIGHT OF WAY		EXISTING WETLAND BUFFER
	LIMITED ACCESS HIGHWAY RIGHT OF WAY		NOISE WALL
	LIMITED ACCESS		EXISTING DITCH
	EDGE OF ROADWAY - NEW		DITCH NEW
	EDGE OF ROADWAY - EXISTING	MFD	MEDIA FILTER DRAIN
	GUARDRAIL		UTILITY ITEMS
WB	EXISTING WETLAND		SEEDED AREA

PLANT SPECIES AND QUANTITIES , SHEET LP6 ONLY

		NOTES	QTY
TREES / LARGE SHRUBS / SMALL SHRUBS / GROUND COVER		QUANTITY BASED ON SYMBOL COUNT PER SHEET	
	PSIPE - WESTERN RED CEDAR, (EXCELSA) ,#2 CONT	per plan	36
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	12
	PSIPE - VINE MAPLE, #2 CONT.	per plan	5
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	19
	PSIPE - RED-OSIER DOGWOOD, #1 CONT.	per plan	40
	PSIPE - SALAL, #1 CONT.	per plan	48
	PSIPE - SNOWBERRY, #1 CONT.	per plan	105
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	49
	PSIPE - THIMBLEBERRY, #1 CONT.	per plan	52
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	52
BI	PSIPE - BOSTON IVY, #1 CONT.	per plan	30

N

0 10 20
SCALE IN FEET

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DESIGNED BY	N.HOSSEINIDARPOSHTI
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PROJ. ENGR.	K.NDILE
REGIONAL ADM.	M.COTTEN

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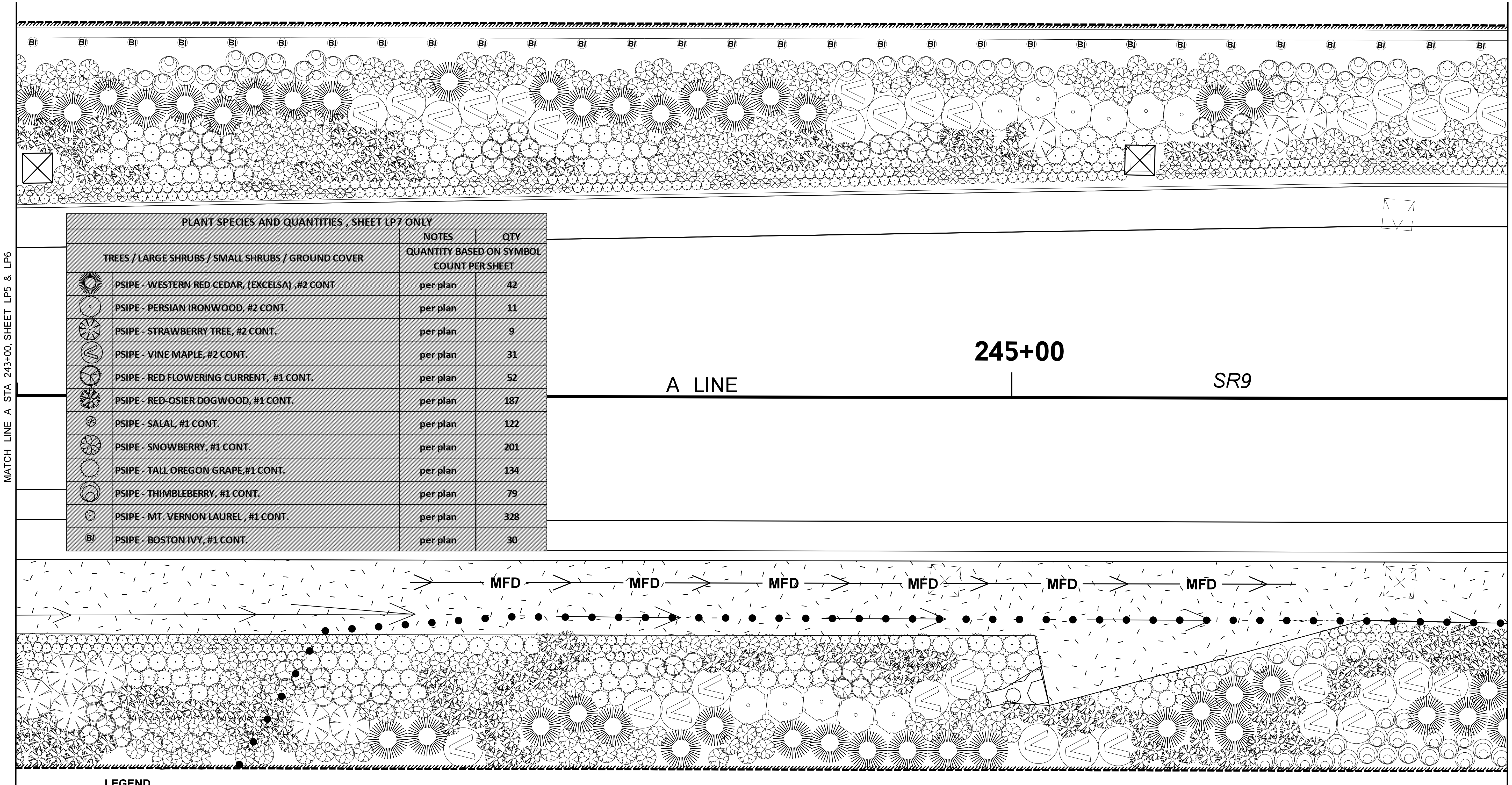
SR 204 INTERSECTION
IMPROVEMENT (STAGE2)

LANDSCAPE PLAN

Plot 36
PLAN REF NO
LP6

SHEET
52
OF
161
SHEETS



PLANT SPECIES AND QUANTITIES , SHEET LP7 ONLY			
		NOTES	QTY
TREES / LARGE SHRUBS / SMALL SHRUBS / GROUND COVER		QUANTITY BASED ON SYMBOL COUNT PER SHEET	
	PSIPE - WESTERN RED CEDAR, (EXCELSA) ,#2 CONT	per plan	42
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	11
	PSIPE - STRAWBERRY TREE, #2 CONT.	per plan	9
	PSIPE - VINE MAPLE, #2 CONT.	per plan	31
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	52
	PSIPE - RED-OSIER DOGWOOD, #1 CONT.	per plan	187
	PSIPE - SALAL, #1 CONT.	per plan	122
	PSIPE - SNOWBERRY, #1 CONT.	per plan	201
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	134
	PSIPE - THIMBLEBERRY, #1 CONT.	per plan	79
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	328
BI	PSIPE - BOSTON IVY, #1 CONT.	per plan	30

LEGEND

- HIGHWAY RIGHT OF WAY
- LIMITED ACCESS HIGHWAY RIGHT OF WAY
- LIMITED ACCESS
- EDGE OF ROADWAY - NEW
- EDGE OF ROADWAY - EXISTING
- GUARDRAIL
- WB — EXISTING WETLAND
- EXISTING WETLAND BUFFER
- NOISE WALL
- EXISTING DITCH
- DITCH NEW
- MFD — MEDIA FILTER DRAIN
- UTILITY AND DRAINAGE ITEMS
- SEEDED AREA

0 10 20
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DESIGNED BY	N.HOSSEINIDARPOSHTI
ENTERED BY	N.HOSSEINIDARPOSHTI
CHECKED BY	L.JUNGBLUTH
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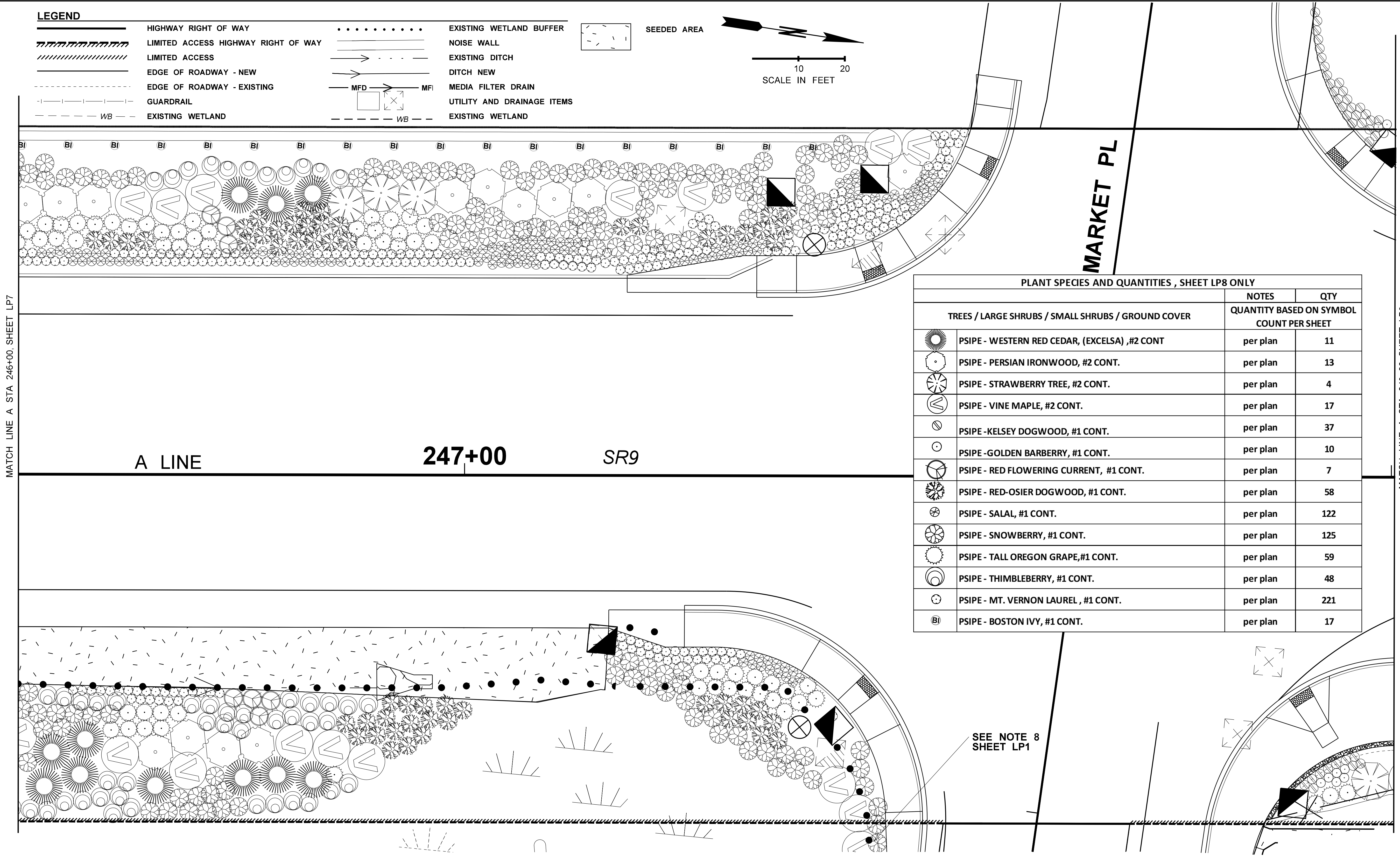
SR 204 INTERSECTION IMPROVEMENT (STAGE2)
LANDSCAPE PLAN

Plot 37
PLAN REF NO LP7
SHEET 53 OF 161 SHEETS

LEGEND

	HIGHWAY RIGHT OF WAY		EXISTING WETLAND BUFFER
	LIMITED ACCESS HIGHWAY RIGHT OF WAY		NOISE WALL
	LIMITED ACCESS		EXISTING DITCH
	EDGE OF ROADWAY - NEW		DITCH NEW
	EDGE OF ROADWAY - EXISTING	MFD — MFD	MEDIA FILTER DRAIN
	GUARDRAIL		UTILITY AND DRAINAGE ITEMS
— — — WB — —	EXISTING WETLAND	— — — WB — —	EXISTING WETLAND
	SEEDED AREA		

SCALE IN FEET: 10, 20



PLANT SPECIES AND QUANTITIES , SHEET LP8 ONLY			
		NOTES	QTY
TREES / LARGE SHRUBS / SMALL SHRUBS / GROUND COVER		QUANTITY BASED ON SYMBOL COUNT PER SHEET	
	PSIPE - WESTERN RED CEDAR, (EXCELSA) ,#2 CONT	per plan	11
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	13
	PSIPE - STRAWBERRY TREE, #2 CONT.	per plan	4
	PSIPE - VINE MAPLE, #2 CONT.	per plan	17
	PSIPE -KELSEY DOGWOOD, #1 CONT.	per plan	37
	PSIPE -GOLDEN BARBERRY, #1 CONT.	per plan	10
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	7
	PSIPE - RED-OSIER DOGWOOD, #1 CONT.	per plan	58
	PSIPE - SALAL, #1 CONT.	per plan	122
	PSIPE - SNOWBERRY, #1 CONT.	per plan	125
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	59
	PSIPE - THIMBLEBERRY, #1 CONT.	per plan	48
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	221
BI	PSIPE - BOSTON IVY, #1 CONT.	per plan	17

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DATE	9/24/2020
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DESIGNED BY	N.HOSSEINIDARPOSHTI
ENTERED BY	N.HOSSEINIDARPOSHTI
CHECKED BY	L.JUNGBLUTH
PROJ. ENGR.	K.NDILE
REGIONAL ADM.	M.COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO.

STATE OF WASHINGTON
LINDSEY A. JUNGBLUTH
NO. 1483 EXP. 11/05/2021
LICENSED LANDSCAPE ARCHITECT

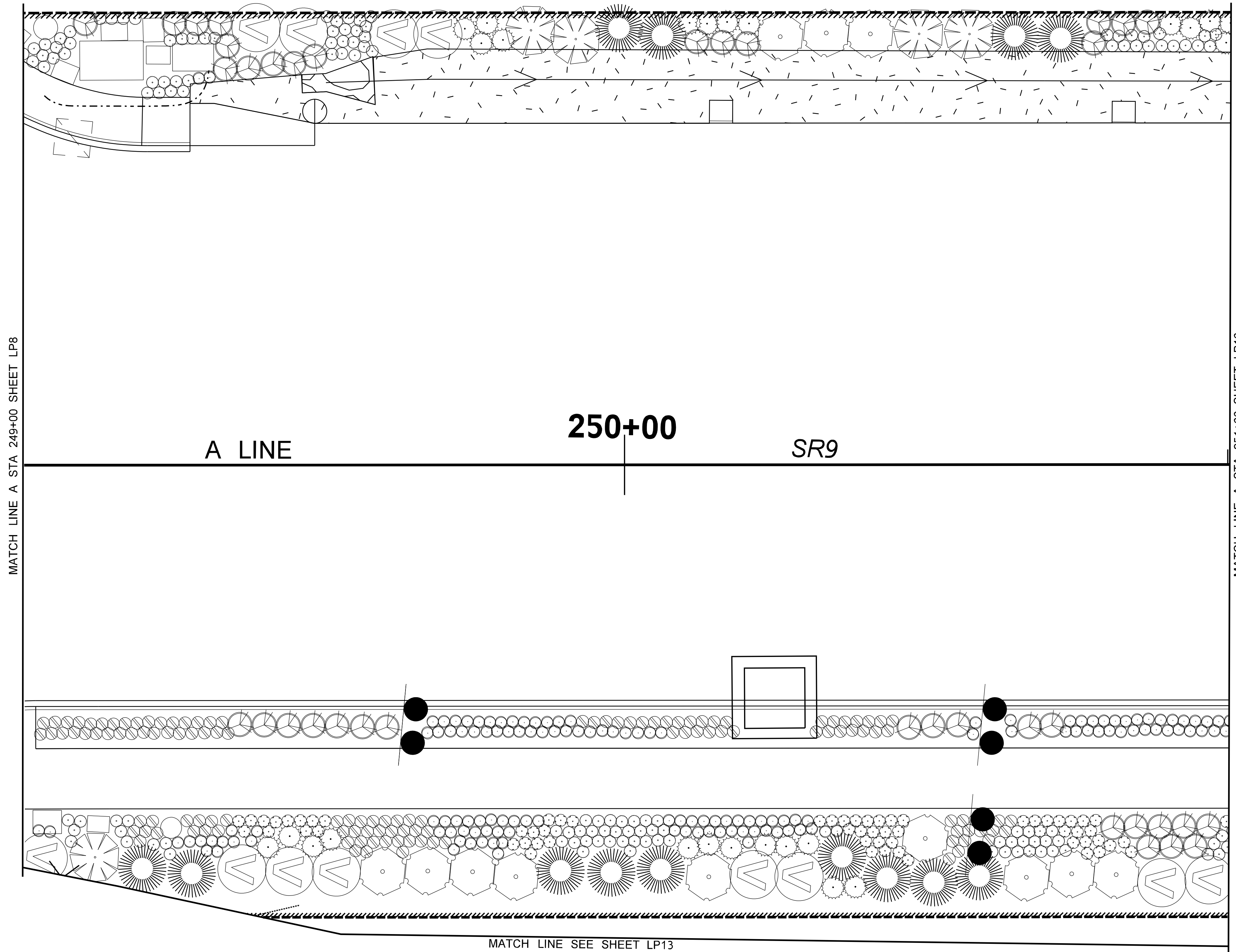
DATE

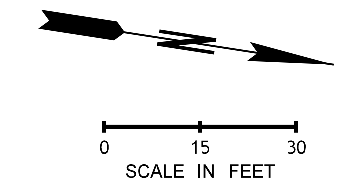
Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENT (STAGE2)
LANDSCAPE PLAN

Plot 38

PLAN REF NO
LP8





PLANT SPECIES AND QUANTITIES , SHEET LP9 ONLY			
		NOTES	QTY
TREES / LARGE SHRUBS / SMALL SHRUBS / GROUND COVER		QUANTITY BASED ON SYMBOL COUNT PER SHEET	
	PSIPE - WESTERN RED CEDAR, (EXCELSA) ,#2 CONT	per plan	13
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	12
	PSIPE - STRAWBERRY TREE, #2 CONT.	per plan	5
	PSIPE - VINE MAPLE, #2 CONT.	per plan	12
	PSIPE - BALLERINA INDIAN HAWTHORN , #1 CONT.	per plan	135
	PSIPE -KELSEY DOGWOOD, #1 CONT.	per plan	123
	PSIPE -GOLDEN BARBERRY, #1 CONT.	per plan	123
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	37
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	25
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	63

LEGEND

- WSDOT LIMITED ACCESS
- EDGE OF ROADWAY - NEW
- EDGE OF ROADWAY - EXISTING
- GUARDRAIL
- EXISTING WETLAND (WB)
- EXISTING WETLAND BUFFER
- NOISE WALL
- EXISTING DITCH
- DITCH NEW
- MEDIA FILTER DRAIN (MFD)
- LIGHT POLE
- DRAINAGE AND SIGNAL UNITS
- SEEDED AREA

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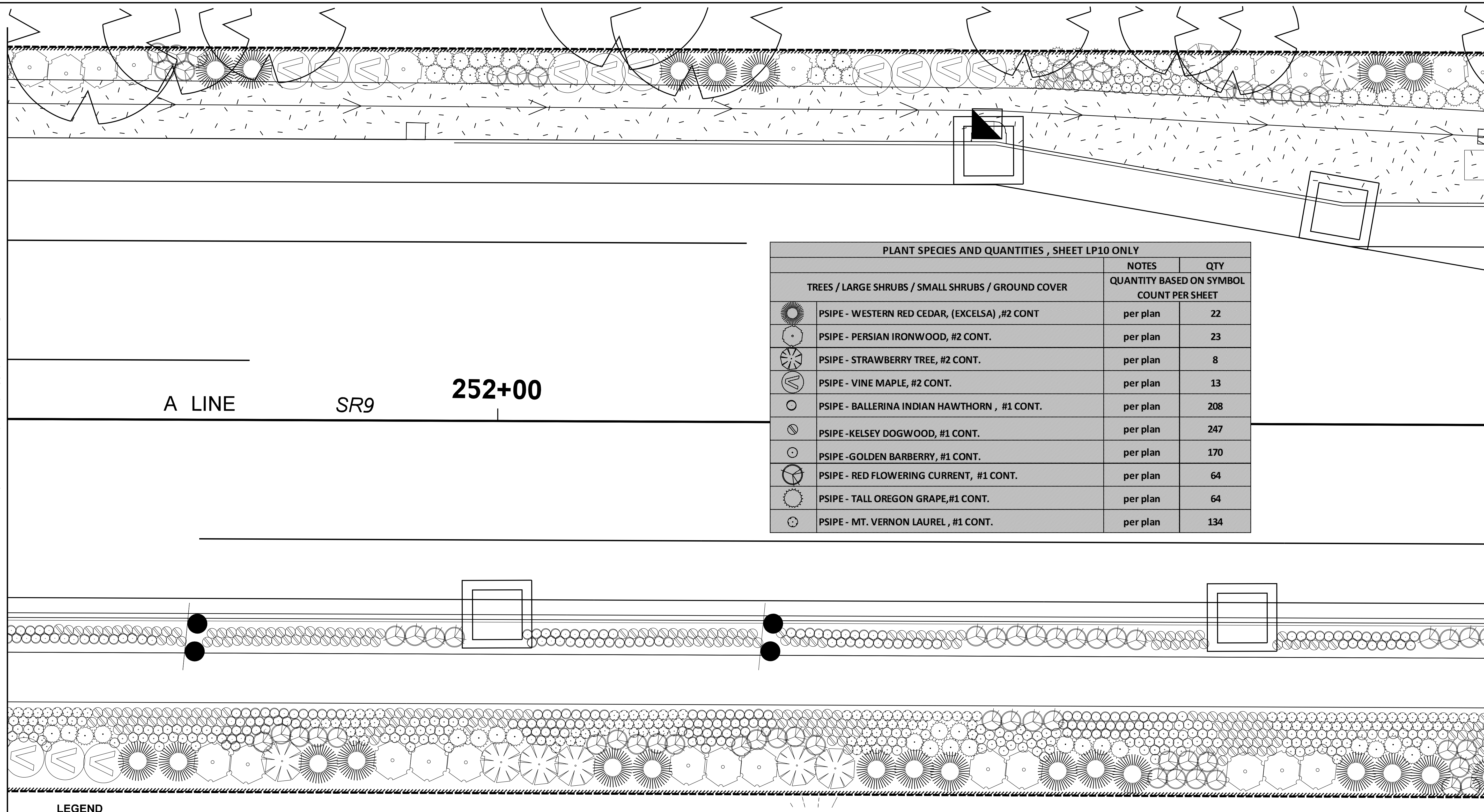
DATE	9/24/2020						
PLOTTED BY	hossein						
DESIGNED BY	N.HOSSEINIDARPOSHTI				CONTRACT NO.		LOCATION NO.
ENTERED BY	N.HOSSEINIDARPOSHTI						
CHECKED BY	L.JUNGBLUTH						
PROJ. ENGR.	K.NDILE						
REGIONAL ADM.	M.COTTEN	REVISION	DATE	BY			

STATE OF WASHINGTON
LINDSEY A. JUNGBLUTH
NO. 1483 EXP. 11/05/2021
LICENSED LANDSCAPE ARCHITECT
DATE

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENT (STAGE2)
LANDSCAPE PLAN

PLAN REF NO LP9
SHEET 55 OF 161 SHEETS



PLANT SPECIES AND QUANTITIES , SHEET LP10 ONLY			
		NOTES	QTY
TREES / LARGE SHRUBS / SMALL SHRUBS / GROUND COVER		QUANTITY BASED ON SYMBOL COUNT PER SHEET	
	PSIPE - WESTERN RED CEDAR, (EXCELSA) ,#2 CONT	per plan	22
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	23
	PSIPE - STRAWBERRY TREE, #2 CONT.	per plan	8
	PSIPE - VINE MAPLE, #2 CONT.	per plan	13
	PSIPE - BALLERINA INDIAN HAWTHORN , #1 CONT.	per plan	208
	PSIPE -KELSEY DOGWOOD, #1 CONT.	per plan	247
	PSIPE -GOLDEN BARBERRY, #1 CONT.	per plan	170
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	64
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	64
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	134

LEGEND

WSDOT LIMITED ACCESS
EDGE OF ROADWAY - NEW
EDGE OF ROADWAY - EXISTING
GUARDRAIL
EXISTING WETLAND
LIGHT POLE
EXISTING WETLAND BUFFER
WETLAND BOUNDARY
NOISE WALL
EXISTING DITCH
DITCH NEW
MEDIA FILTER DRAIN
EXISTING TREE TO PROTECT
SEEDED AREA

WB — MFD — MFD

0 15 30
SCALE IN FEET

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DATE	9/24/2020
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DESIGNED BY	N.HOSSEINIDARPOSHTI
ENTERED BY	N.HOSSEINIDARPOSHTI
CHECKED BY	L.JUNGBLUTH
PROJ. ENGR.	K.NDILE
REGIONAL ADM.	M.COTTEN

REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
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DATE

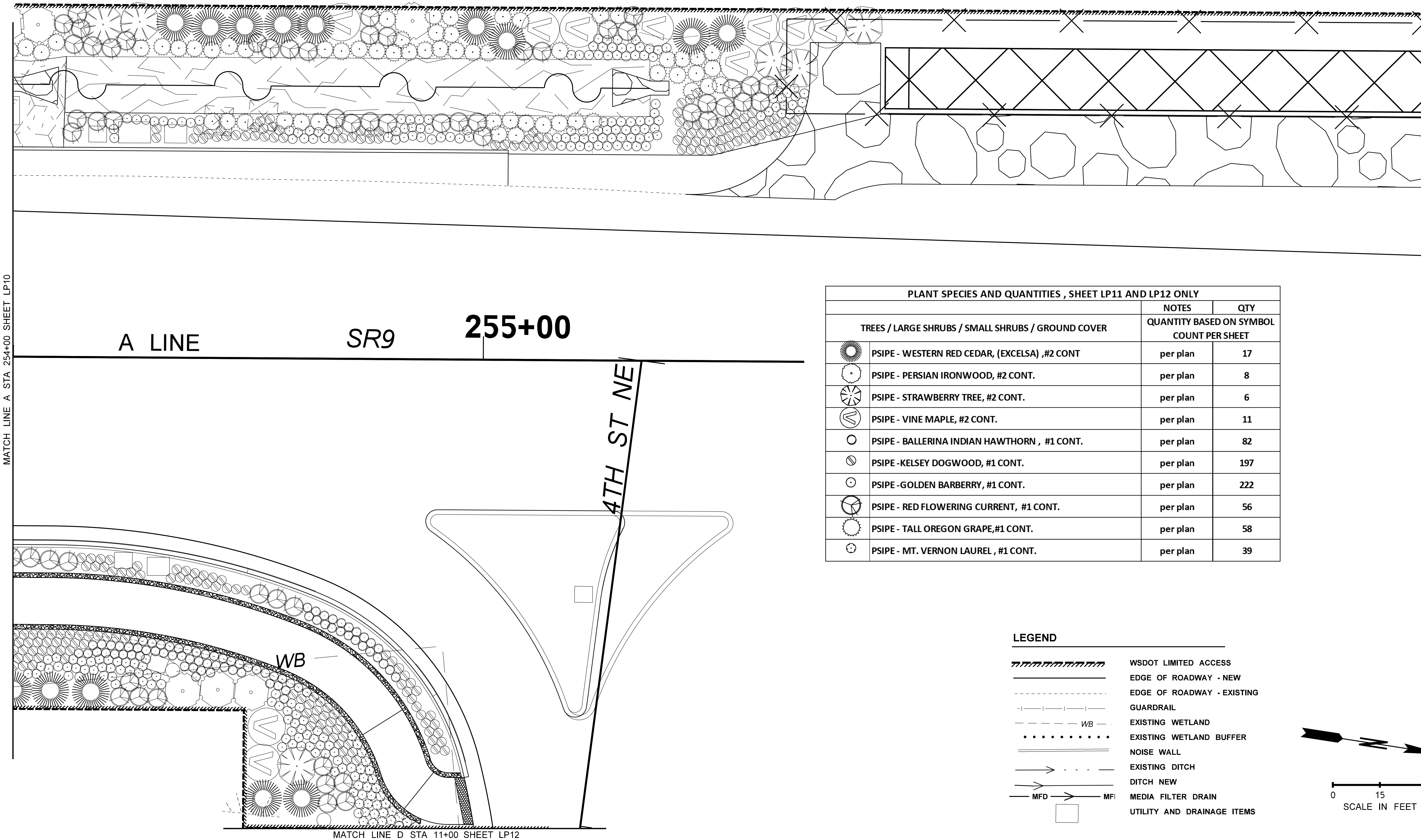
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENT (STAGE2)

LANDSCAPE PLAN

PLAN REF NO LP10

SHEET 56 OF 161 SHEETS



	PLANT SPECIES AND QUANTITIES , SHEET LP11 AND LP12 ONLY	NOTES	QTY
	TREES / LARGE SHRUBS / SMALL SHRUBS / GROUND COVER	QUANTITY BASED ON SYMBOL COUNT PER SHEET	
	PSIPE - WESTERN RED CEDAR, (EXCELSA) ,#2 CONT	per plan	17
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	8
	PSIPE - STRAWBERRY TREE, #2 CONT.	per plan	6
	PSIPE - VINE MAPLE, #2 CONT.	per plan	11
	PSIPE - BALLERINA INDIAN HAWTHORN , #1 CONT.	per plan	82
	PSIPE -KELSEY DOGWOOD, #1 CONT.	per plan	197
	PSIPE -GOLDEN BARBERRY, #1 CONT.	per plan	222
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	56
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	58
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	39

LEGEND

- WSDOT LIMITED ACCESS
- EDGE OF ROADWAY - NEW
- EDGE OF ROADWAY - EXISTING
- GUARDRAIL
- WB — EXISTING WETLAND
- EXISTING WETLAND BUFFER
- NOISE WALL
- EXISTING DITCH
- DITCH NEW
- MFD — MEDIA FILTER DRAIN
- UTILITY AND DRAINAGE ITEMS

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DESIGNED BY	N.HOSSEINIDARPOSHTI
ENTERED BY	N.HOSSEINIDARPOSHTI
CHECKED BY	L.JUNGBLUTH
PROJ. ENGR.	K.NDILE
REGIONAL ADM.	M.COTTEN

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO.

STATE OF WASHINGTON
LINDSEY A. JUNGBLUTH
NO. 1483 EXP. 11/05/2021
LICENSED LANDSCAPE ARCHITECT
DATE

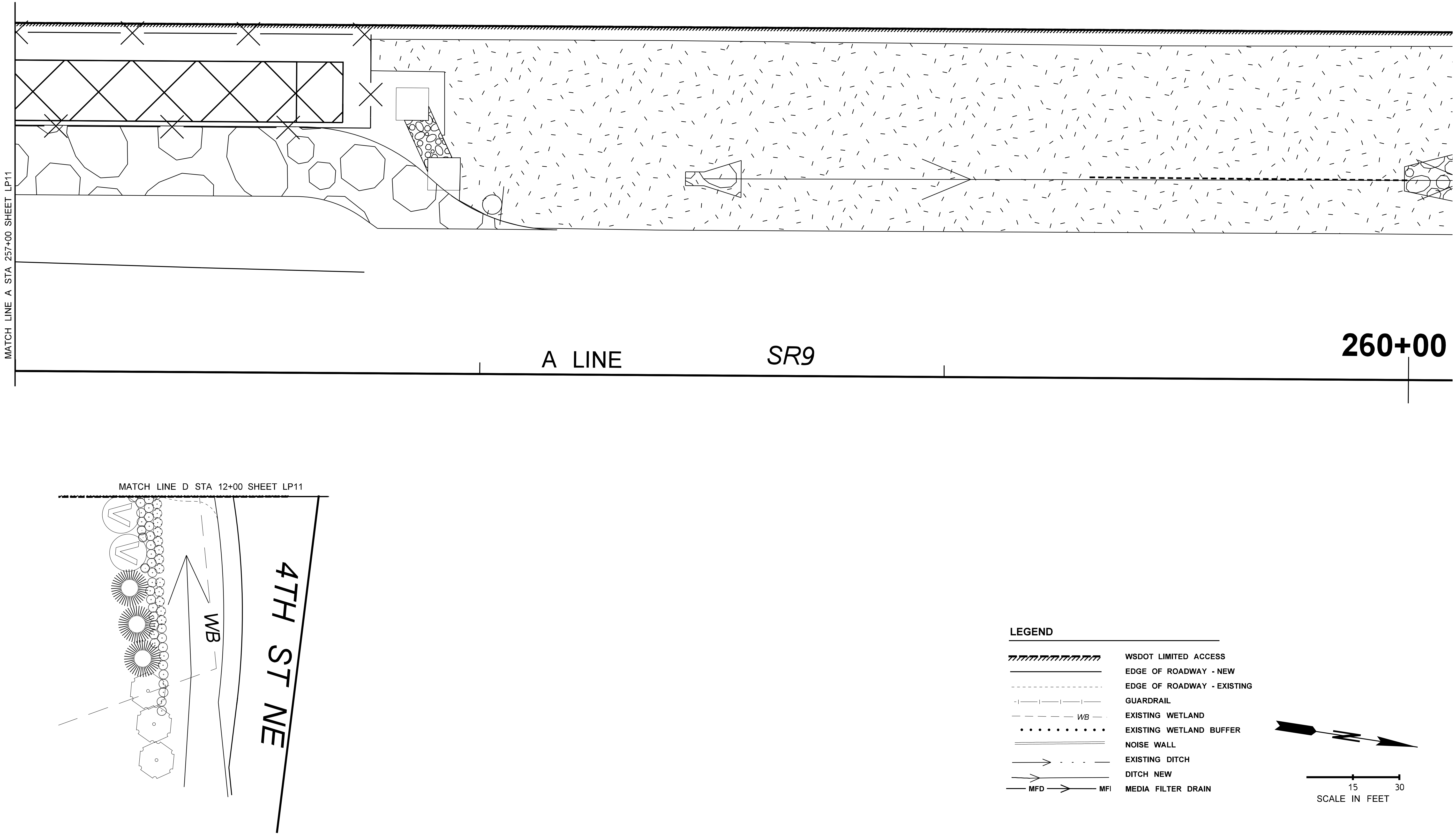
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENT (STAGE2)

LANDSCAPE PLAN

PLAN REF NO LP11

SHEET 57 OF 161 SHEETS



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DESIGNED BY	N.HOSSEINIDARPOSHTI			
ENTERED BY	N.HOSSEINIDARPOSHTI			
CHECKED BY	L.JUNGBLUTH			
PROJ. ENGR.	K.NDILE			
REGIONAL ADM.	M.COTTEN	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO.

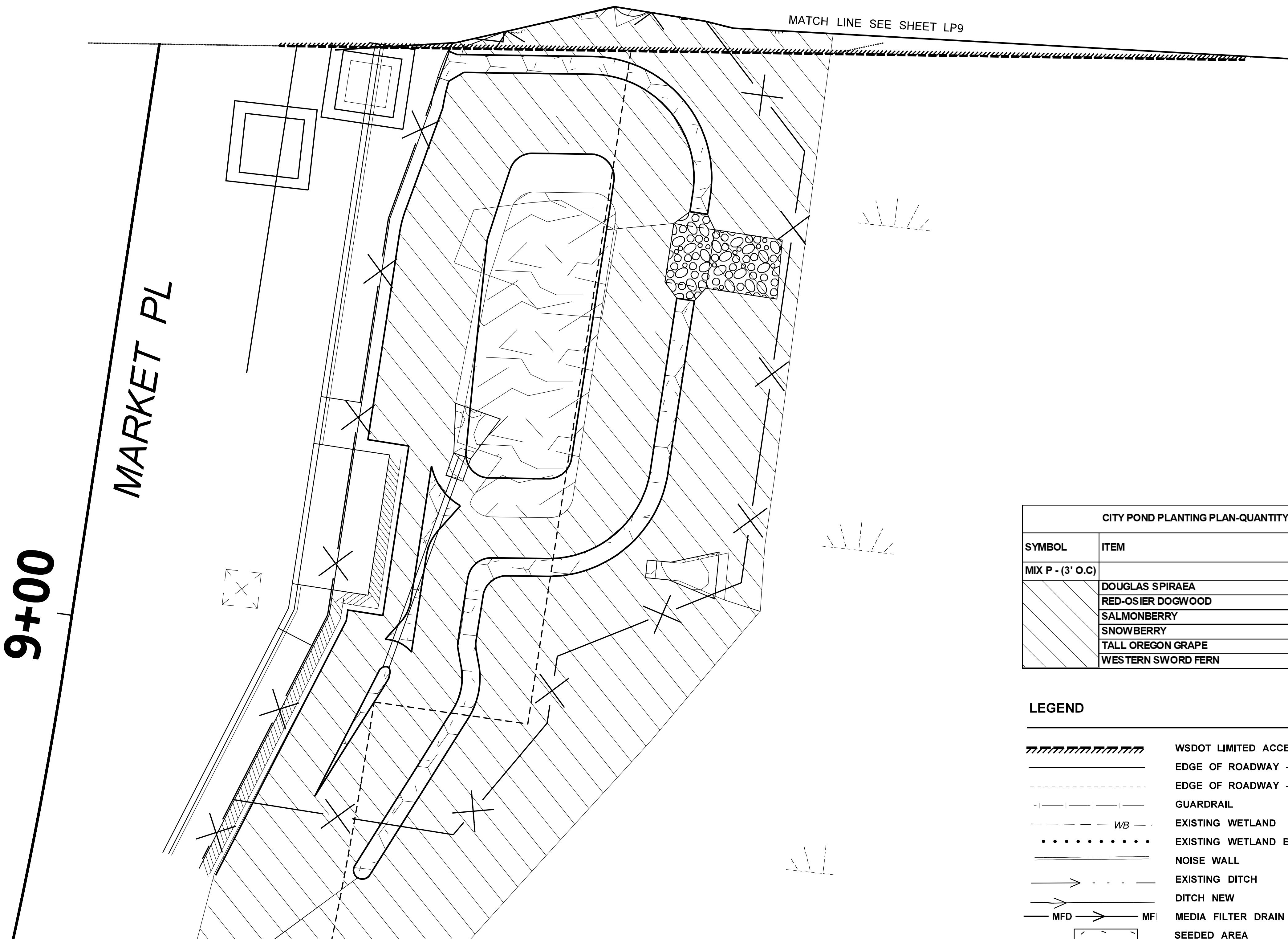
STATE OF WASHINGTON
LINDSEY A. JUNGBLUTH
NO. 1483 EXP. 11/05/2021
LICENSED LANDSCAPE ARCHITECT
DATE

Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENT (STAGE2)

LANDSCAPE PLAN

PLAN REF NO
LP12



CITY POND PLANTING PLAN-QUANTITY TAB		
SYMBOL	ITEM	QTY
MIX P - (3' O.C)		P1
	DOUGLAS SPIRAEA	128
	RED-OSIER DOGWOOD	214
	SALMONBERRY	128
	SNOWBERRY	171
	TALL OREGON GRAPE	85
	WESTERN SWORD FERN	128

LEGEND

WSDOT LIMITED ACCESS
EDGE OF ROADWAY - NEW
EDGE OF ROADWAY - EXISTING
GUARDRAIL
WB — EXISTING WETLAND
EXISTING WETLAND BUFFER
NOISE WALL
EXISTING DITCH
DITCH NEW
MFD — MFD MEDIA FILTER DRAIN
SEEDED AREA

0 15 30
SCALE IN FEET

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CHECKED BY	L.JUNGBLUTH			
PROJ. ENGR.	K.NDILE			
REGIONAL ADM.	M.COTTEN	REVISION	DATE	BY

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DATE

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SR 9
SR 204 INTERSECTION IMPROVEMENT (STAGE2)
LANDSCAPE PLAN

Plot 37
PLAN REF NO LP13

PLANT MATERIAL LIST				
COMMON NAME	BOTANICAL NAME	QUANTITY	ROOT CONDITION	REMARKS
DECIDUOUS TREES				
PERSIAN IRONWOOD	PARROTIA PERSICA	129	NO. 2 CONT.	SECTION 9-14.6(2)
VINE MAPLE***	ACER CIRCINATUM	197	NO. 2 CONT.	SECTION 9-14.6(2), THREE STEM MIN.
EVERGREEN TREES				
STRAWBERRY TREE	ARBUTUS ANEDO	32	NO. 2 CONT.	SECTION 9-14.6(2), SINGLE LEADER
WESTERN RED CEDAR 'EXCELSA'	THUJA PLICATA 'EXCELSA'	464	NO. 2 CONT.	SECTION 9-14.6(2), SINGLE LEADER
SHRUBS				
BOSTON IVY	PARTHENOCISSUS TRICUSPIDATA	299	NO. 1 CONT.	SECTION 9-14.6(2), 12" SPREAD MIN.
BALLERINA INDIAN HAWTHORN	RHAPHIOLEPIS INDICA "BALLERINA"	425	NO. 1 CONT.	SECTION 9-14.6(2), 12" SPREAD MIN.
GOLDEN BARBERRY	BERBERIS THUNBERGII "AUREA"	519	NO. 1 CONT.	SECTION 9-14.6(2), 12" SPREAD MIN.
KELSEY DWARF RED TWIG DOGWOOD**	CORNUS SERICIA 'KELSEY DWARF'	567	NO. 1 CONT.	SECTION 9-14.6(2), THREE STEM MIN.
RED FLOWERING CURRANT	RIBES SANGUINEUM " KING EDWARD V11"	338	NO.1 CONT.	SECTION 9-14.6(2), THREE STEM MIN.
RED-OSIER DOGWOOD	CORNUS STOLONIFERA	943	NO. 1 CONT.	SECTION 9-14.6(2), THREE STEM MIN.
SALAL	GAULTHERIA SHALLON	1099	NO. 1 CONT.	SECTION 9-14.6(2), FULL CONTAINER
TALL OREGON GRAPE***	MAHONIA AQUIFOLIUM	941	NO. 1 CONT.	SECTION 9-14.6(2), FULL CONTAINER
WESTERN SWORD FERN	POLYSTICHUM MUNITUM	128	NO. 1 CONT.	SECTION 9-14.6(2), THREE STEM MIN.
MT VERNON LAUREL	PRUNUS LAUROCERASUS 'MOUNT VERNON'	2377	NO. 1 CONT.	SECTION 9-14.6(2), THREE FROND MIN.
THIMBLEBERRY	RUBUS PARVIFLORUS	489	NO. 1 CONT.	SECTION 9-14.6(2), THREE CANE MIN.
SALMONBERRY	RUBUS SPECTABILIS	128	NO. 1 CONT.	SECTION 9-14.6(2), THREE CANE MIN.
DOUGLAS SPIRAEA	SPIRAEA DOUGLASII	128	NO. 1 CONT.	SECTION 9-14.6(2), THREE CANE MIN.

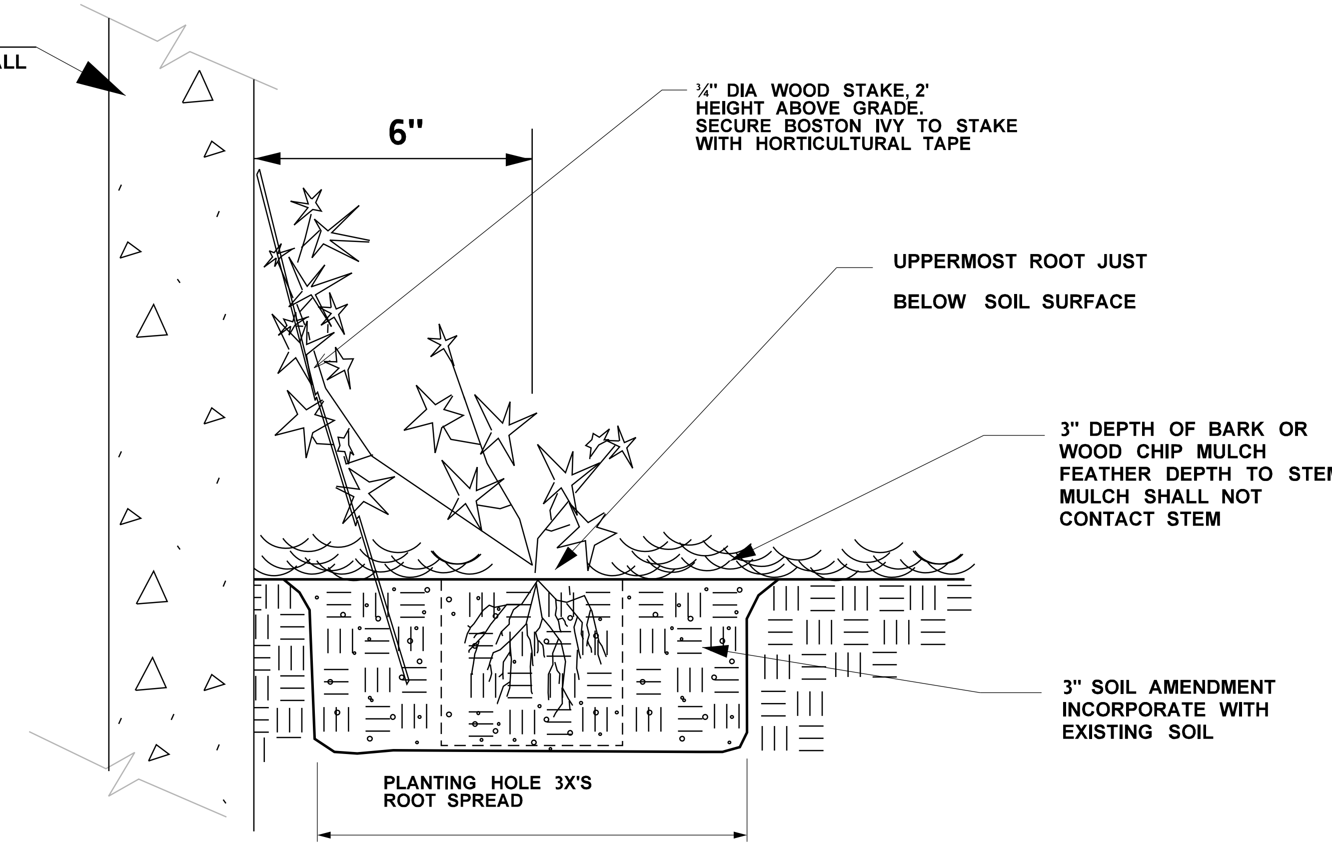
PLANT MATERIAL SETBACK CHART

THIS CHART SUPPLEMENTS SECTION 8.02.3(7) OF THE STANDARD SPECIFICATIONS. SETBACKS APPLY UNLESS OTHERWISE ADJUSTED BY ENGINEER DURING PLANT STAKING OR LAYOUT. DISTANCES BELOW ARE TO THE STEM OR TRUNK OF THE PLANT BEING INSTALLED.

	GUARDRAIL BARRIER	EDGE OF ROADWAY	WALL	FENCE	SIGNS	EXISTING TREE TRUNK	EXISTING VEGETATION MASS	OVERHEAD POWER	DRAINAGE STRUCTURE	DRAINAGE ACCESS ROAD	SIDEWALK	SIGNING AND LIGHTING
GROUNDCOVER *	5`	5`	3`	1.5'	1.5'	5'	5'	-	5'	5'	2`	2`
SMALL SHRUB **	5`	10`	5`	3'	6'	5`	5`	-	5`	5`	2`	5`
TALL SHRUB ***	10`	15`	10	3'	6'	10'	10'	10'	10`	10`	5`	10`
DECIDUOUS TREE	15`	20`	15`	10`	15'	15`	10'	20'	10`	15'	10`	15`
EVERGREEN TREE	15`	20`	15`	10`	15'	15`	10'	30'	10`	15'	10`	15`

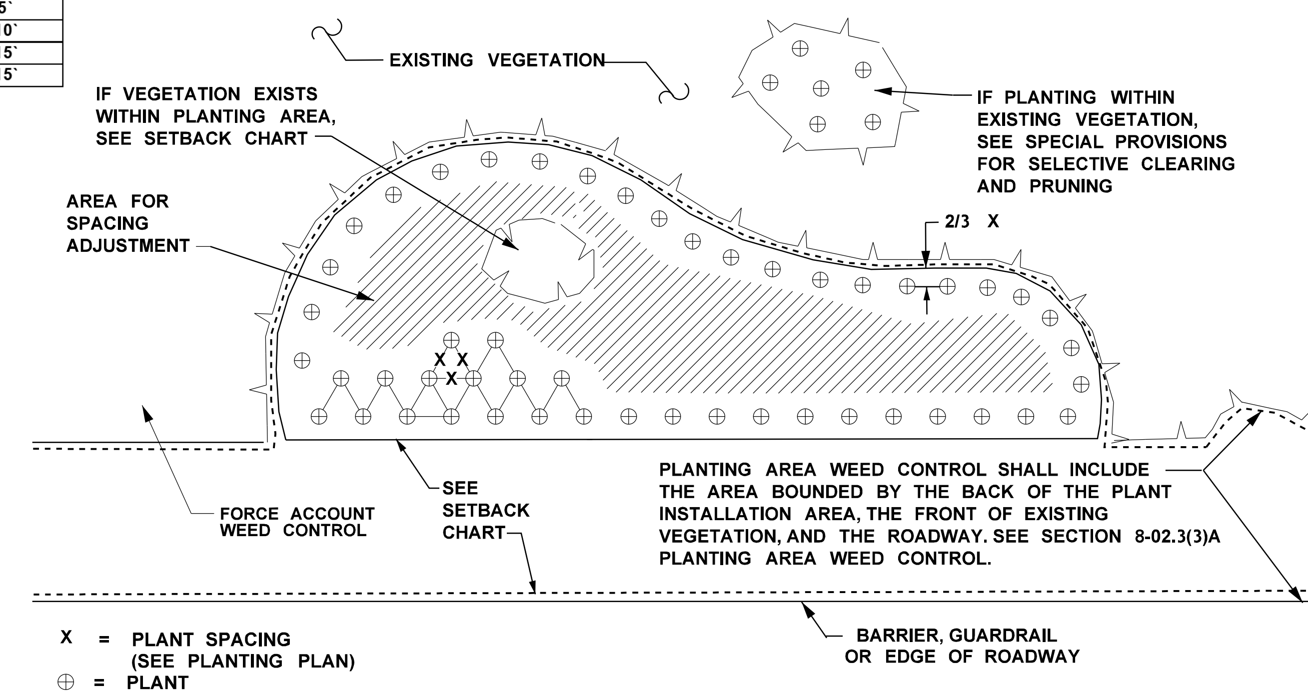
* GROUNDCOVERS
** SMALL SHRUBS
*** TALL SHRUBS

* GROUNDCOVERS GROW NO TALLER THAN 1.5 FEET AT MATURITY. SEE PLANT MATERIAL LIST.
** SMALL SHRUBS GROW NO TALLER THAN 3 FEET AT MATURITY. SEE PLANT MATERIAL LIST.
*** TALL SHRUBS GROW TALLER THAN 3 FEET AT MATURITY. SEE PLANT MATERIAL LIST.



BOSTON IVY PLANTING DETAIL IN FULL BARK AREA - HIGHWAY SIDE ONLY

NOT TO SCALE



PLANTING AREA LAYOUT, SETBACK, AND WEED CONTROL

NOT TO SCALE

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DESIGNED BY	N.HOSSEINIDARPOSHT		
ENTERED BY	N.HOSSEINIDARPOSHT		
CHECKED BY	L. JUNGBLUTH		
PROJ. ENGR.	K.NDILE		
REGIONAL ADM.	M.COTTEN	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
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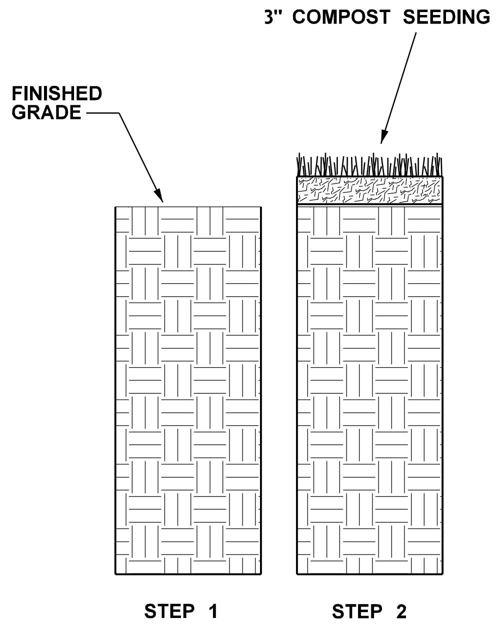
DATE

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)
LANDSCAPE DETAILS

Plot 27
LD1
SHEET 60 OF 161 SHEETS



SEEDING AREA PREPARATION
(SEE SPECIAL PROVISIONS)

STEP 1

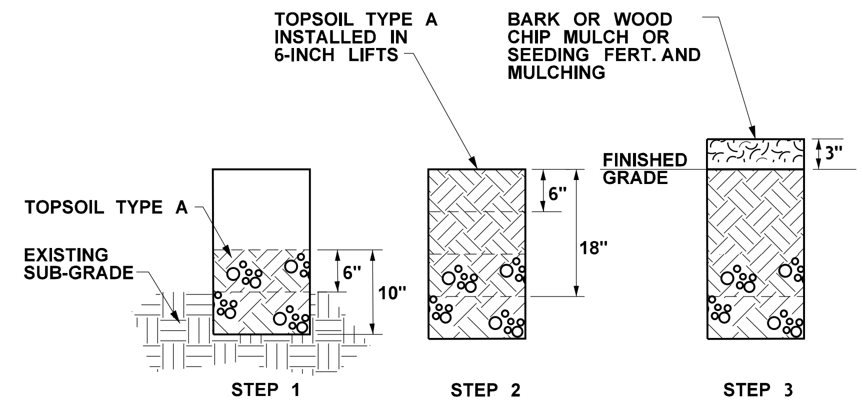
PLACE 3" COMPOST SEEDING ACCORDING TO THE PLANS.

STEP 2

SEE SPECIAL PROVISIONS FOR DESIGNATED SEEDING MIXES FOR DIFFERENT AREAS.

COMPOST SEEDING SOIL PREPARATION

SECTION VIEW — NOT TO SCALE



STEP 1

INCORPORATE 6 INCHES OF TOPSOIL INTO EXISTING SUBGRADE TO A DEPTH OF 10 INCHES AND COMPACT TO 85 PERCENT.

STEP 2

PLACE SUCCESSIVE 6-INCH LIFTS OF TOPSOIL, COMPACTING EACH LIFT IN ACCORDANCE WITH SECTION 8-02.3(4)A. MEASUREMENTS SHOWN ARE FOR COMPACTED LIFTS.

STEP 3

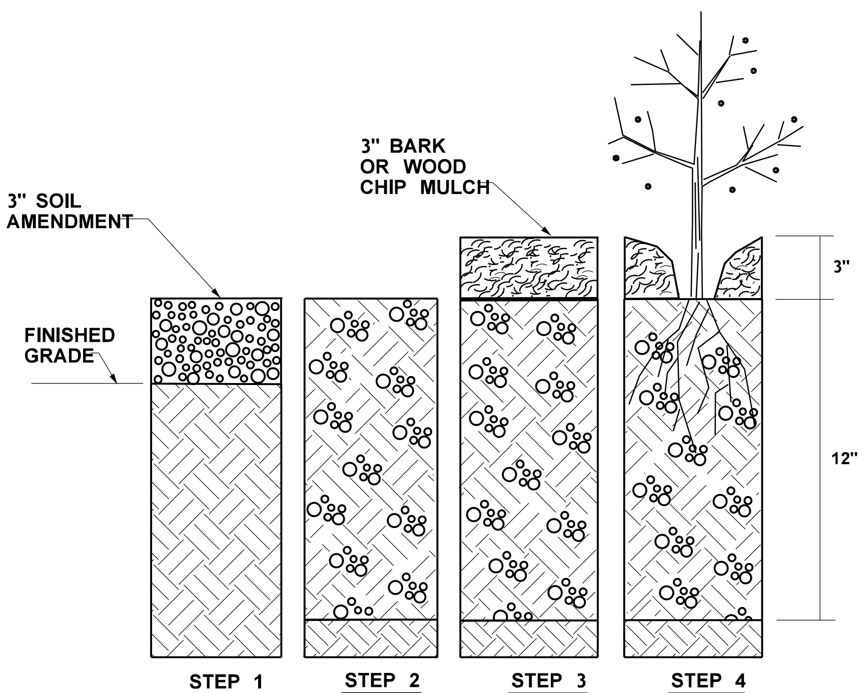
PLACE 3 INCHES OF BARK OR WOOD CHIP MULCH OR SEEDING FERTILIZING AND MULCHING.

NOTE: TOPSOIL PLACEMENT MUST BE APPROVED BEFORE BARK OR WOOD CHIP MULCH IS PLACED.

TYPE A SOIL PREP - SEQUENCE OF WORK

SECTION VIEW

NOT TO SCALE



PLANTING AREA PREPARATION
(SEE SECTION 8-02.3(5) IN THE STANDARD SPECIFICATIONS)

STEP 1

PLACE 3" SOIL AMENDMENT.

STEP 2

INCORPORATE SOIL AMENDMENT TO 12" DEPTH ACCORDING TO SECTION 8-02.3(5)C, PLANTING AREA PREPARATION, IN THE STANDARD SPECIFICATIONS.

STEP 3

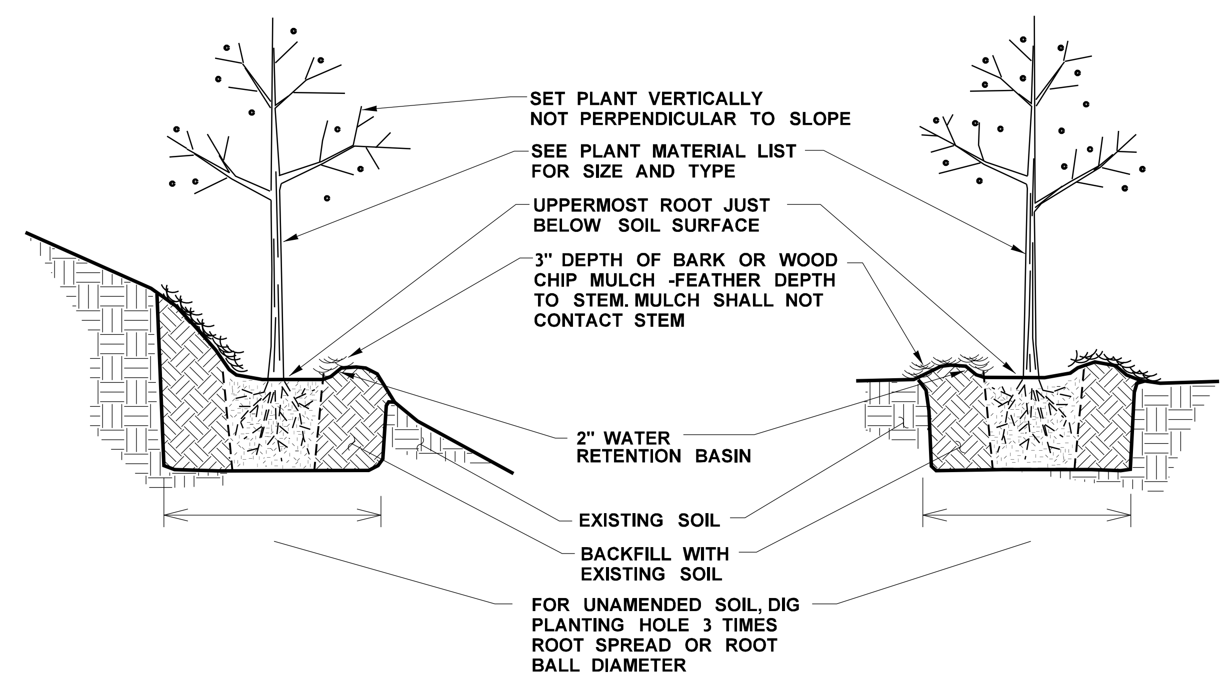
IN PLANTING AREAS WITH WOODY PLANTS, INSTALL BARK OR WOOD CHIP MULCH 3" DEEP.

STEP 4

INSTALL PLANT ACCORDING TO STANDARD PLAN H-10-10.00.

PLANTING AREAS SOIL PREPARATION - SEQUENCE OF WORK

SECTION VIEW — NOT TO SCALE



TREE & SHRUB PLANTING ON SLOPE

SECTION VIEW — NOT TO SCALE

TREE & SHRUB PLANTING

SECTION VIEW — NOT TO SCALE

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DESIGNED BY	N.HOSSEINIDARPOSHT
ENTERED BY	N.HOSSEINIDARPOSHT
CHECKED BY	L.JUNGBLUTH
PROJ. ENGR.	K.NDILE
REGIONAL ADM.	M.COTTEN

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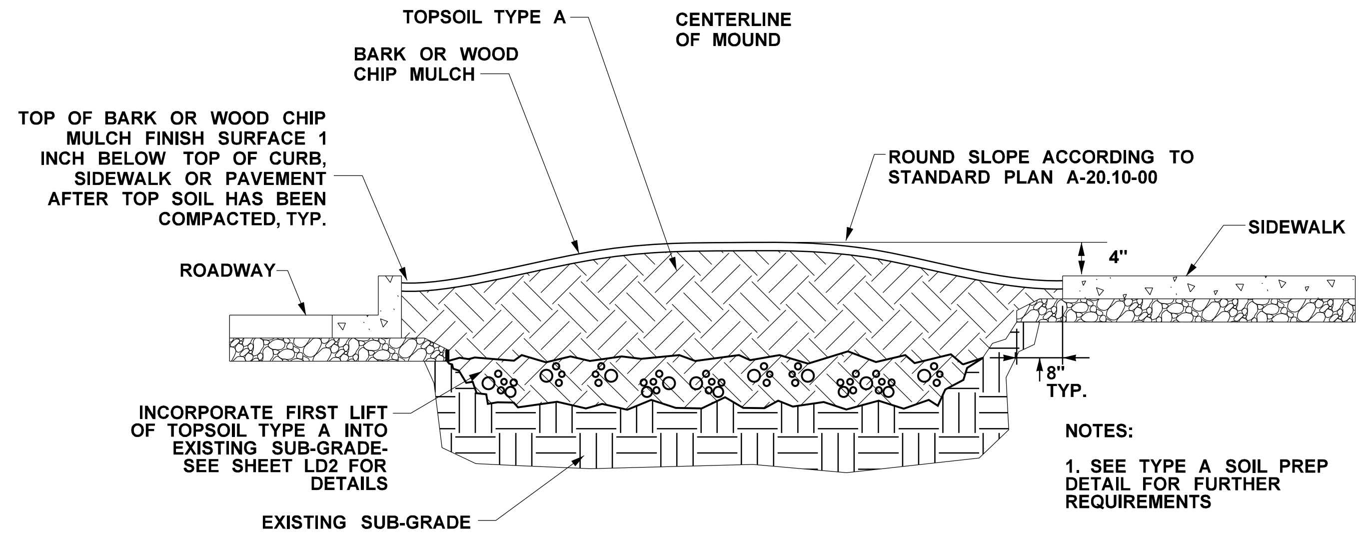
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE2)

LANDSCAPE DETAILS

Plot 27

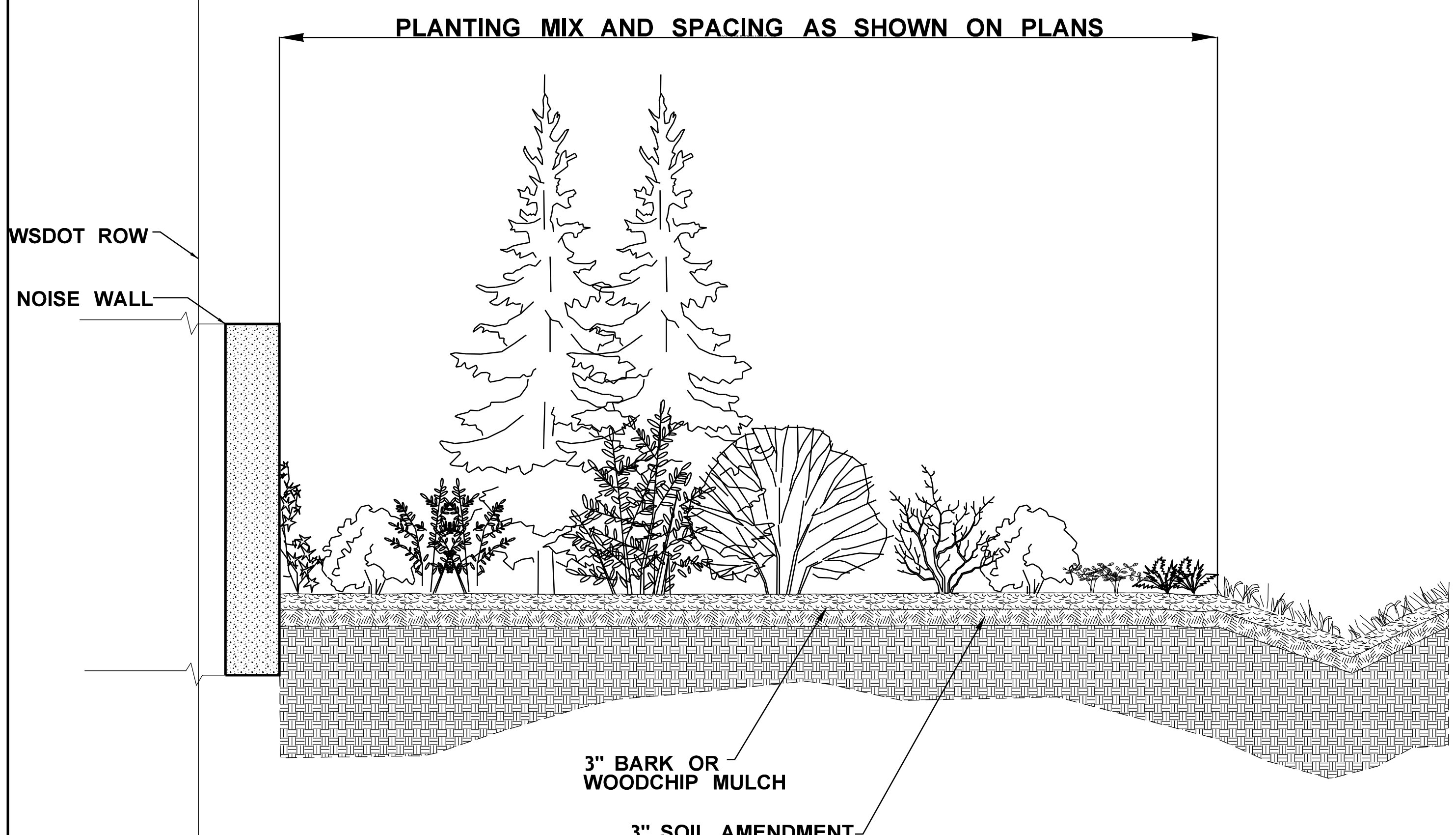
LD2

SHEET 61 OF 161 SHEETS



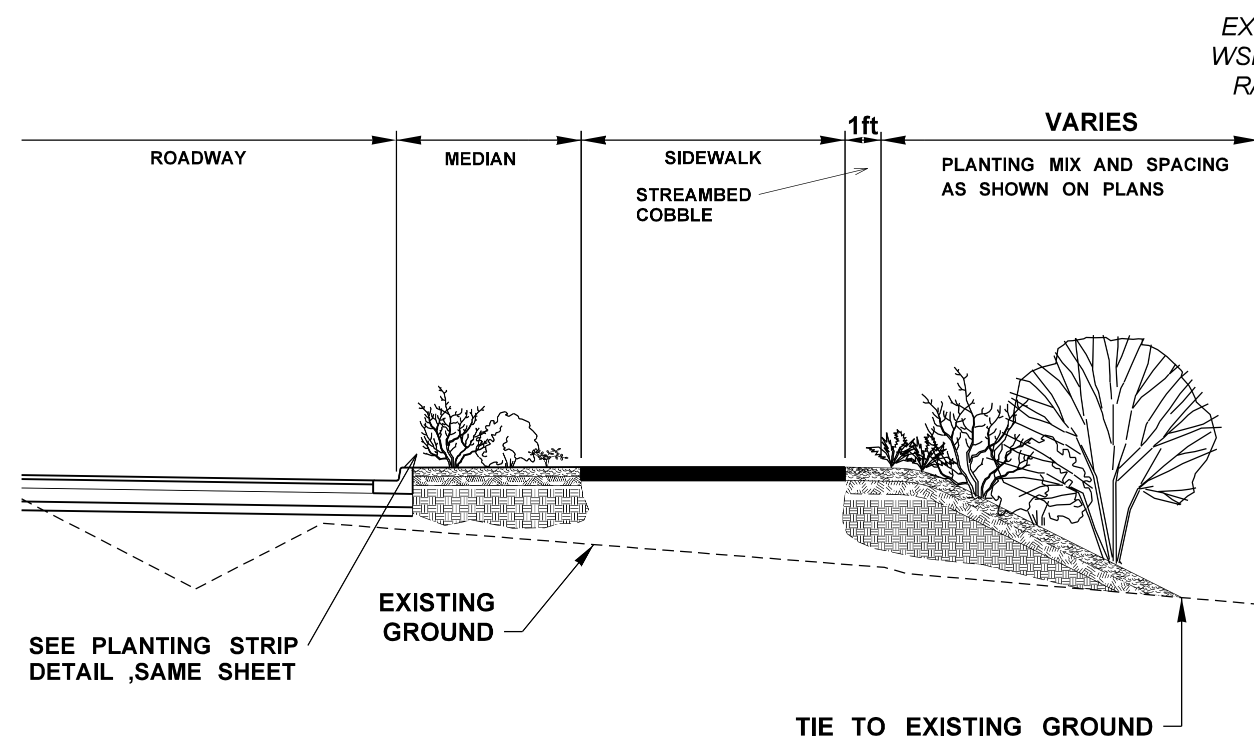
PLANTING STRIP

NOT TO SCALE



TREE AND SHRUB PLANTING

SECTION VIEW NOT TO SCALE



ROADWAY SECTION BUFFER PLANTING

SR 9 A LINE STA 248+33.97 TO 254+98.54 NOT TO SCALE

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TIME	11:12:40 PM
DATE	9/24/2020
PLOTTED BY	hossein
DESIGNED BY	N.HOSSEINIDARPOSHTI
ENTERED BY	N.HOSSEINIDARPOSHTI
CHECKED BY	L. JUNGBLUTH
PROJ. ENGR.	K.NDILE
REGIONAL ADM.	M.COTTEN

REVISION | DATE | BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	

JOB NUMBER

CONTRACT NO. | LOCATION NO.

STATE OF WASHINGTON LINDSEY A. JUNGBLUTH NO. 1483 EXP. 11/05/2021 LICENSED LANDSCAPE ARCHITECT

DATE

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENT (STAGE2)

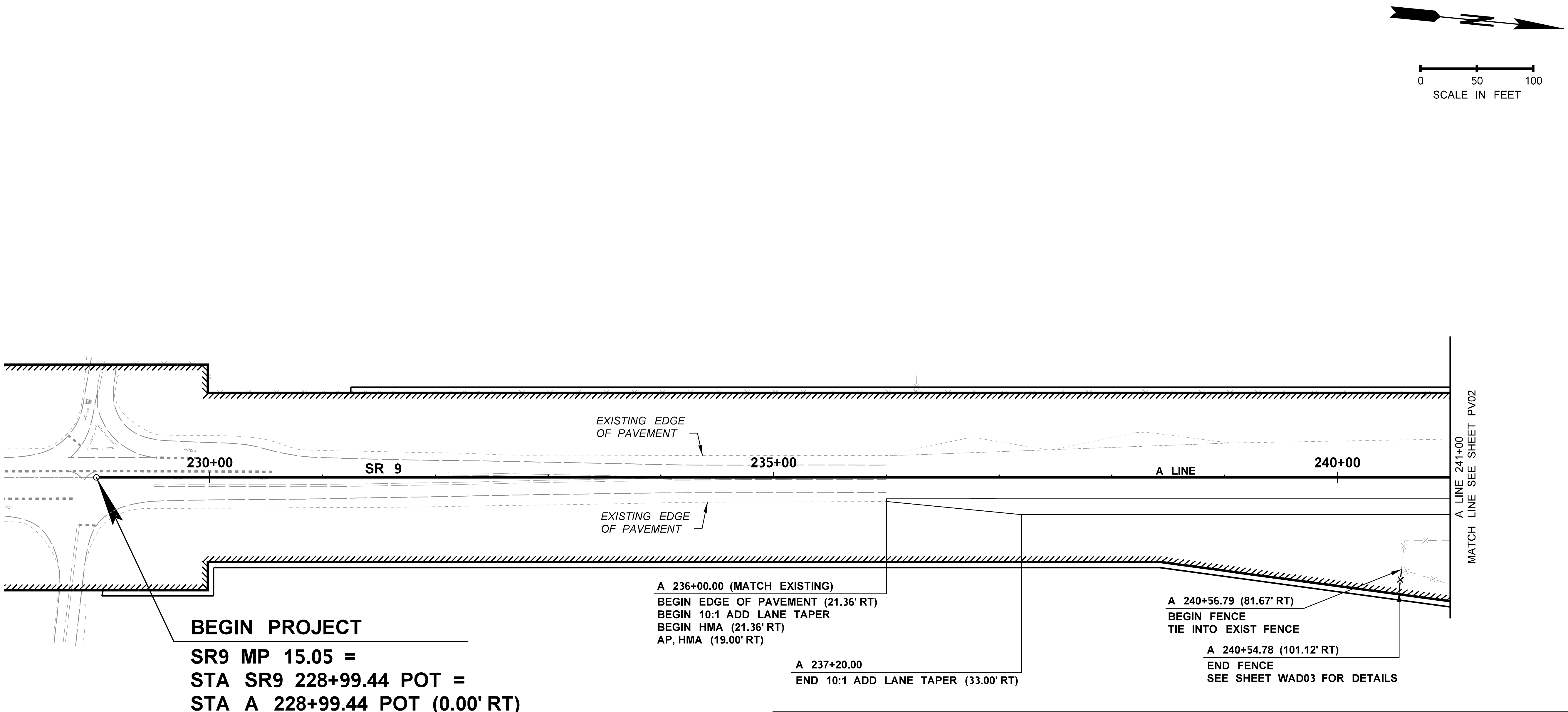
LANDSCAPE DETAILS

Plot 27

LD3

SHEET 62 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13



LEGEND

EXISTING	NEW		EXISTING	NEW	
	STA	ALIGNMENT			DUAL FACED TRAFFIC CURB
	AP	ANGLE POINT			MOUNTABLE TRAFFIC CURB
		HIGHWAY RIGHT OF WAY			FENCE
		HIGHWAY LIMITED ACCESS RIGHT OF WAY			GRAVEL EDGE
		HIGHWAY LIMITED ACCESS FLOATING			PAVED EDGE
		TEMPORARY EASEMENT			PAVEMENT REMOVAL BOUNDARY
		CITY OF LAKE STEVENS RIGHT OF WAY			SIDEWALK
		CURB AND GUTTER	WB		WETLAND BOUNDARY

NOTES

1. OVERLAY LIMITS TO MATCH PLANING BITUMINOUS PAVEMENT LIMITS AS SHOWN ON THE SITE PREPARATION SHEETS.
2. SEE ALIGNMENT SHEETS REGARDING ACCESS CONTROL REVISIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

FILE NAME	c:\pw_working\wastate\parsons_p0009429\dms08740\Stage 2_Y-11834_PS_PV_01.dgn
TIME	12:39:37 PM
DATE	9/23/2020
PLOTTED BY	p0009429
DESIGNED BY	B. HASSANE
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES
STATE OF WASHINGTON
43476
REGISTERED
PROFESSIONAL ENGINEER

DATE
P.E. STAMP BOX

PARSONS

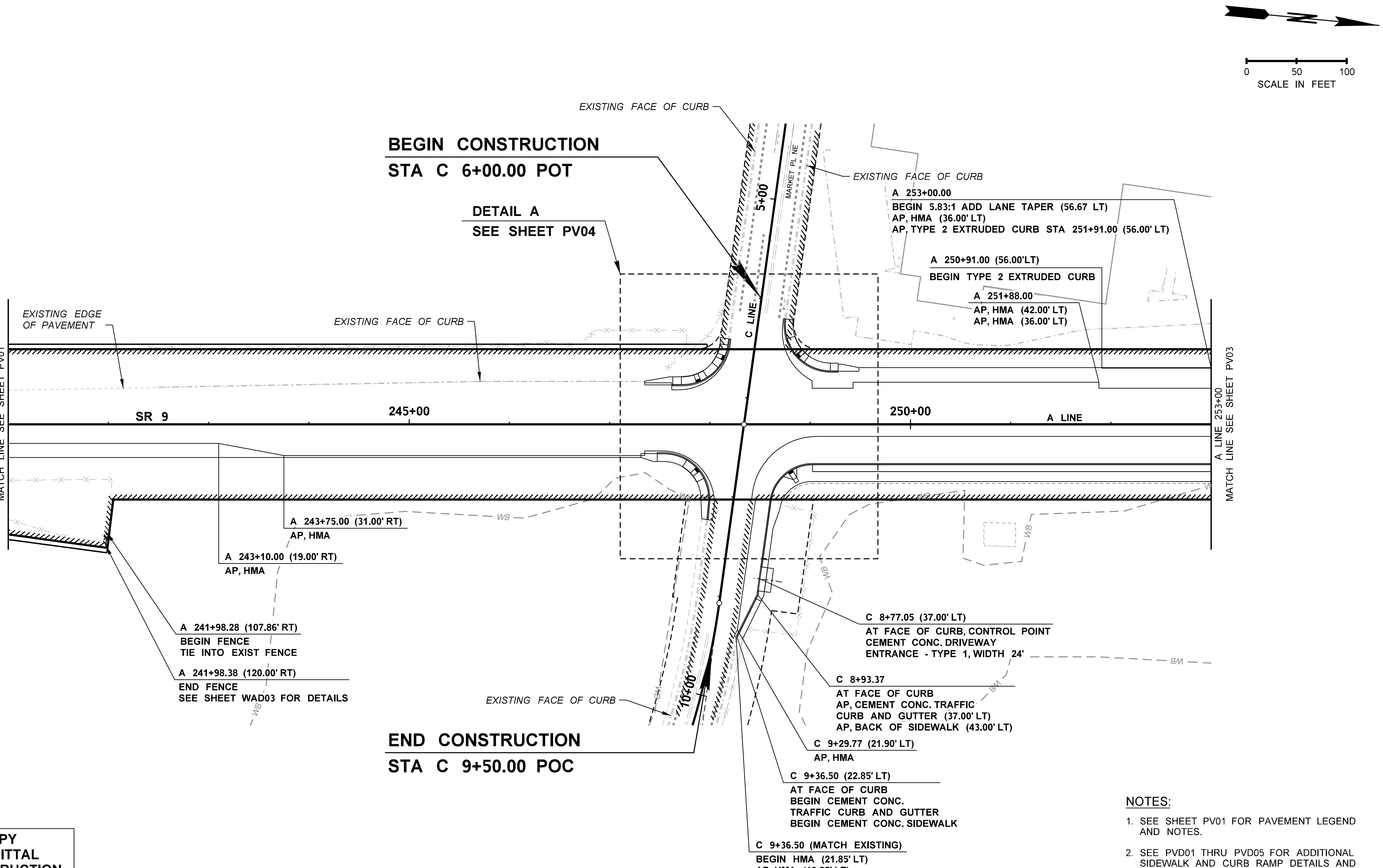
Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

PAVING PLAN

PLAN REF NO
PV01

T. 29N. R. 5E. W.M. SEC. 13



NOTES:

1. SEE SHEET PV01 FOR PAVEMENT LEGEND AND NOTES.
2. SEE PVD01 THRU PVD05 FOR ADDITIONAL SIDEWALK AND CURB RAMP DETAILS AND QUANTITIES.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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PLOTTED BY	p0009429
DESIGNED BY	B. HASSANE
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED · PROFESSIONAL ENGINEER

DATE

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Washington State
Department of Transportation

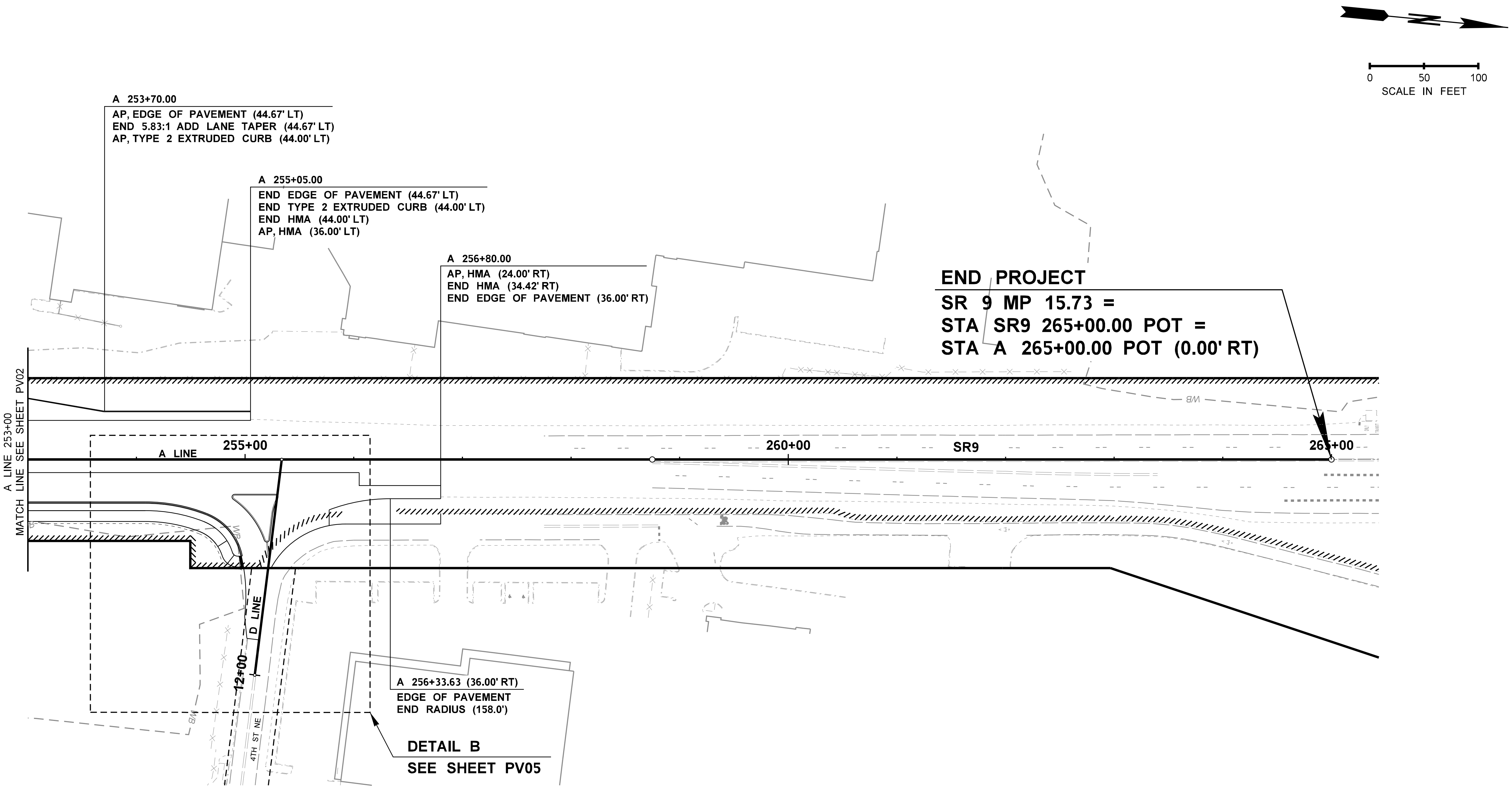
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

PAVING PLAN

PLAN REF NO
PV02

SHEET
64
OF
161
SHEETS

T. 29N. R. 5E. W.M. SEC. 13



PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTES:

1. SEE SHEET PV01 FOR PAVEMENT LEGEND AND NOTES.

FILE NAME	c:\pw_working\wastate\parsons_p0009429\dms08740\Stage 2_Y-11834_PS_PV_03.dgn
TIME	12:40:00 PM
DATE	9/23/2020
PLOTTED BY	p0009429
DESIGNED BY	B. HASSANE
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 STATE WASH FED.AID PROJ.NO.

JOB NUMBER 20A013

CONTRACT NO. LOCATION NO.

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

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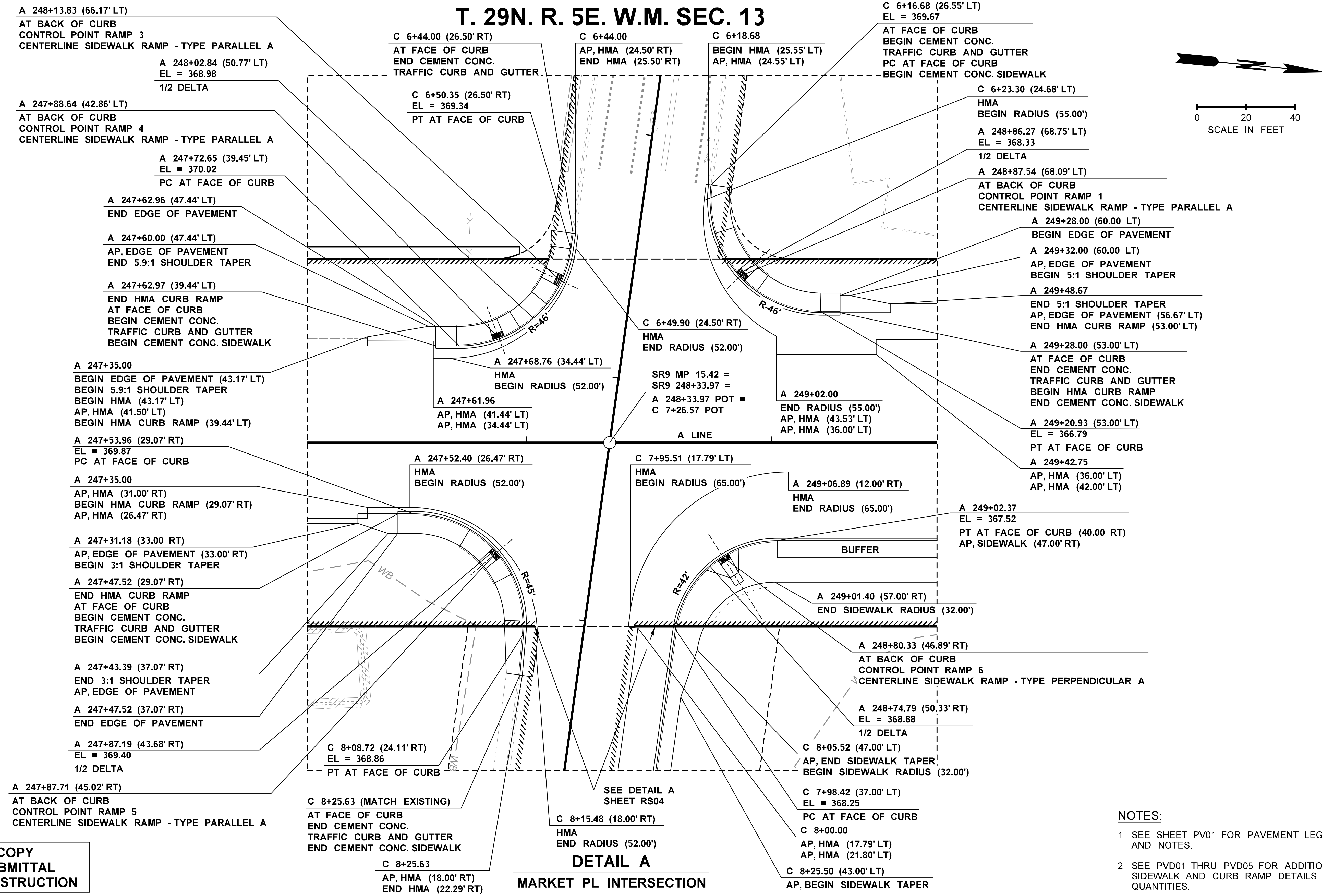
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

PAVING PLAN

PLAN REF NO PV03

SHEET 65 OF 161 SHEETS



NOTES:

1. SEE SHEET PV01 FOR PAVEMENT LEGEND AND NOTES.
2. SEE PVD01 THRU PVD05 FOR ADDITIONAL SIDEWALK AND CURB RAMP DETAILS AND QUANTITIES.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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TIME	12:40:10 PM					
DATE	9/23/2020					
PLOTTED BY	p0009429					
DESIGNED BY	B. HASSANE					
ENTERED BY	K. MCWILLIAMS					
CHECKED BY	Z. BROWN					
PROJ. ENGR.	K. NDILE					
REGIONAL ADM.	M. COTTEN	NO		REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES
STATE OF WASHINGTON
43476
REGISTERED
PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State
Department of Transportation

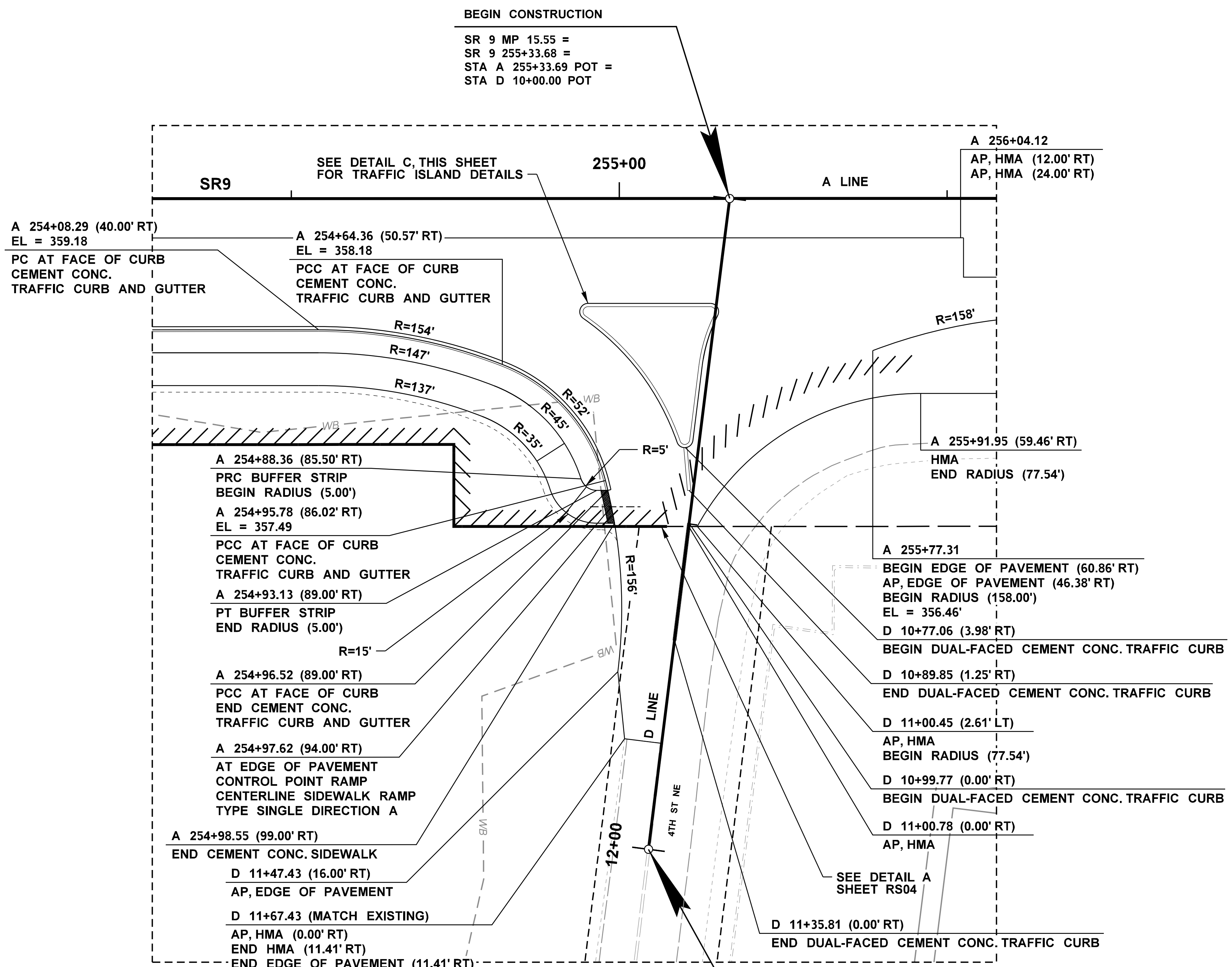
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

PAVING PLAN

PLAN REF NO
PV04

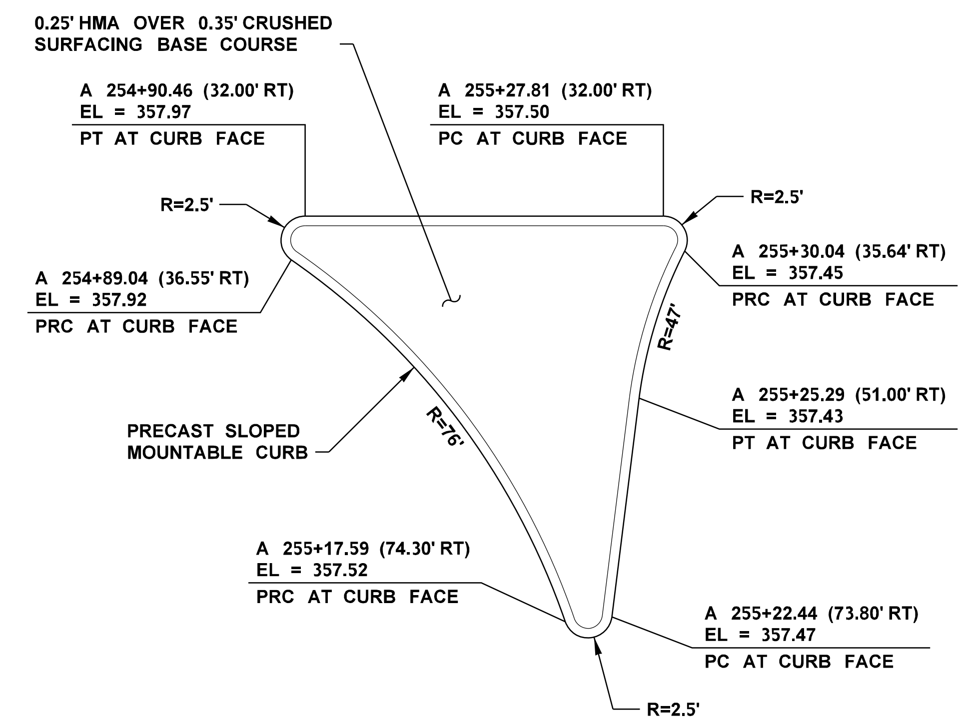
SHEET
66
OF
161
SHEETS

T. 29N. R. 5E. W.M. SEC. 13



0 20 40
SCALE IN FEET

DETAIL B
4TH ST NE INTERSECTION



DETAIL C
HMA TRAFFIC ISLAND DETAILS
NOT TO SCALE

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTES:

1. SEE SHEET PV01 FOR PAVEMENT LEGEND AND NOTES.
2. SEE PVD01 THRU PVD05 FOR ADDITIONAL SIDEWALK AND CURB RAMP DETAILS AND QUANTITIES.

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DATE	9/23/2020
PLOTTED BY	p0009429
DESIGNED BY	B. HASSANE
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

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Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

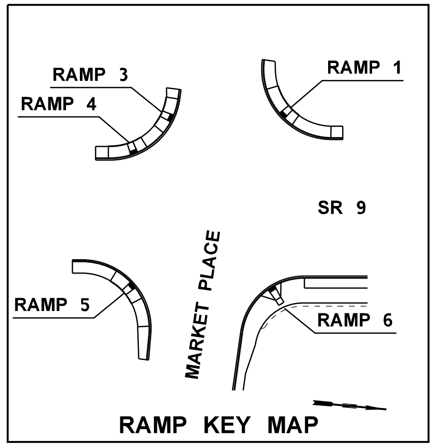
PAVING PLAN

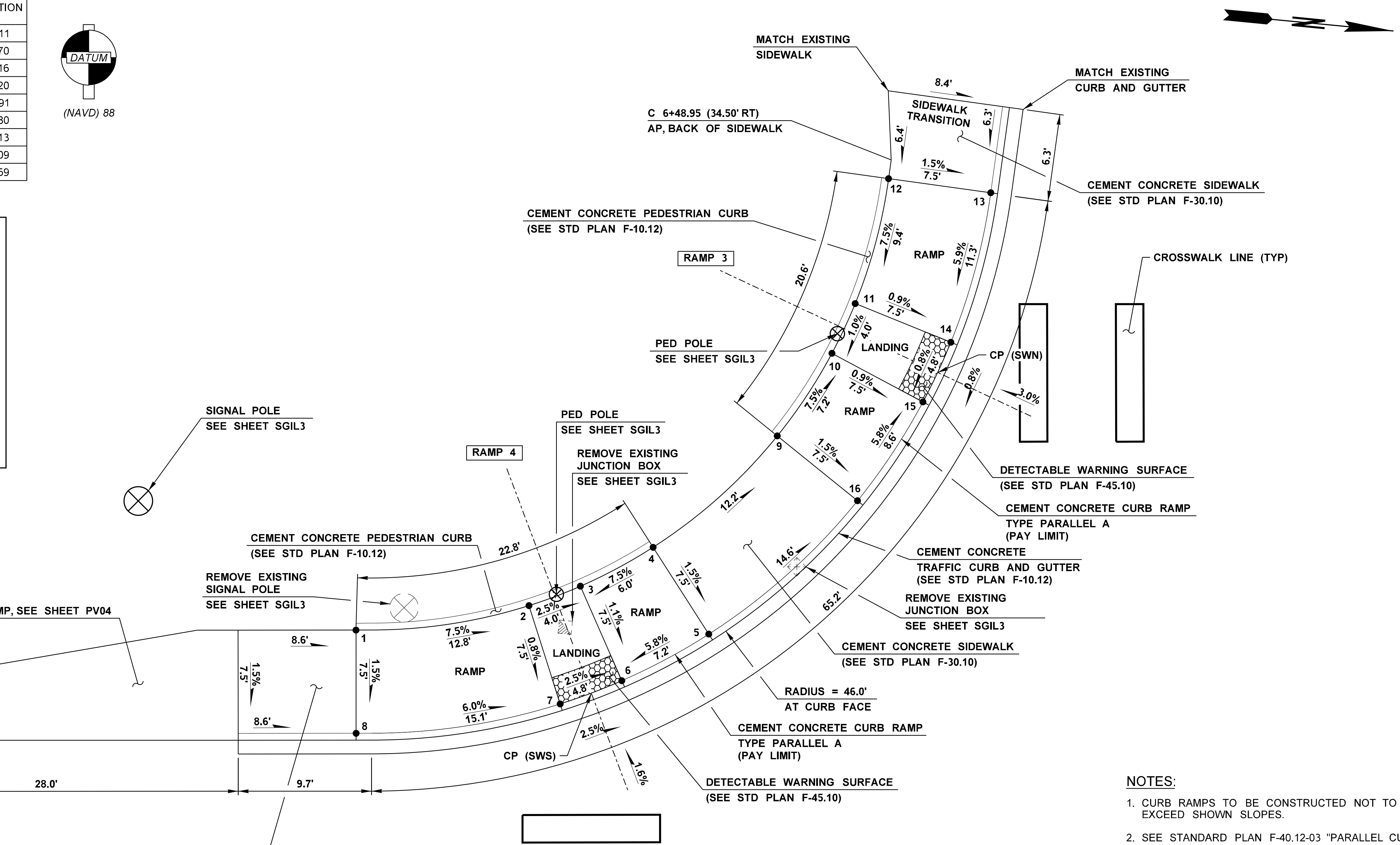
PLAN REF NO PV05

SHEET 67 OF 161 SHEETS

SW QUAD			
POINT	ELEVATION	POINT	ELEVATION
CP (SWS)	369.36	CP (SWN)	369.11
1	370.44	9	369.70
2	369.48	10	369.16
3	369.38	11	369.20
4	369.83	12	369.91
5	369.72	13	369.80
6	369.30	14	369.13
7	369.42	15	369.09
8	370.33	16	369.59

DATUM
(NAVD) 88





NOTES:

1. CURB RAMPS TO BE CONSTRUCTED NOT TO EXCEED SHOWN SLOPES.
2. SEE STANDARD PLAN F-40.12-03 "PARALLEL CURB RAMP" FOR ADDITIONAL DETAILS NOT SHOWN.
3. SEE SHEET SGIL3 FOR PEDESTRIAN TRAFFIC CONTROL.
4. SEE ITS, SIGNING, AND SIGNAL AND ILLUMINATION PLANS FOR ADDITIONAL DETAILS NOT SHOWN.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

SW QUADRANT SIDEWALK RAMPS SWS & SWN

SR 9 / MARKET PL INTERSECTION
NOT TO SCALE

FILE NAME	c:\pw_working\wastate\parsons_p0009429\dms08740\Stage 2_Y-11834_PS_PVD_01.dgn				
TIME	6:01:54 AM				
DATE	9/28/2020				
PLOTTED BY	p0009429				
DESIGNED BY	B. HOLMAN				
ENTERED BY	K. MCWILLIAMS				
CHECKED BY	Z. BROWN				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED · PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

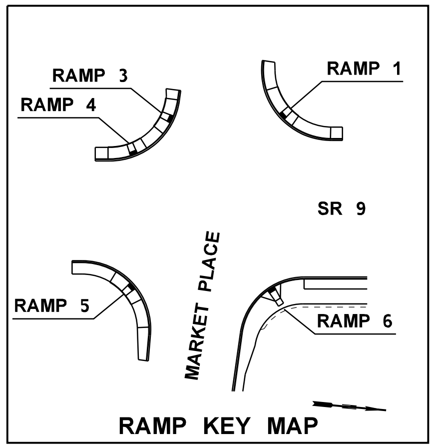
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

PAVING DETAILS

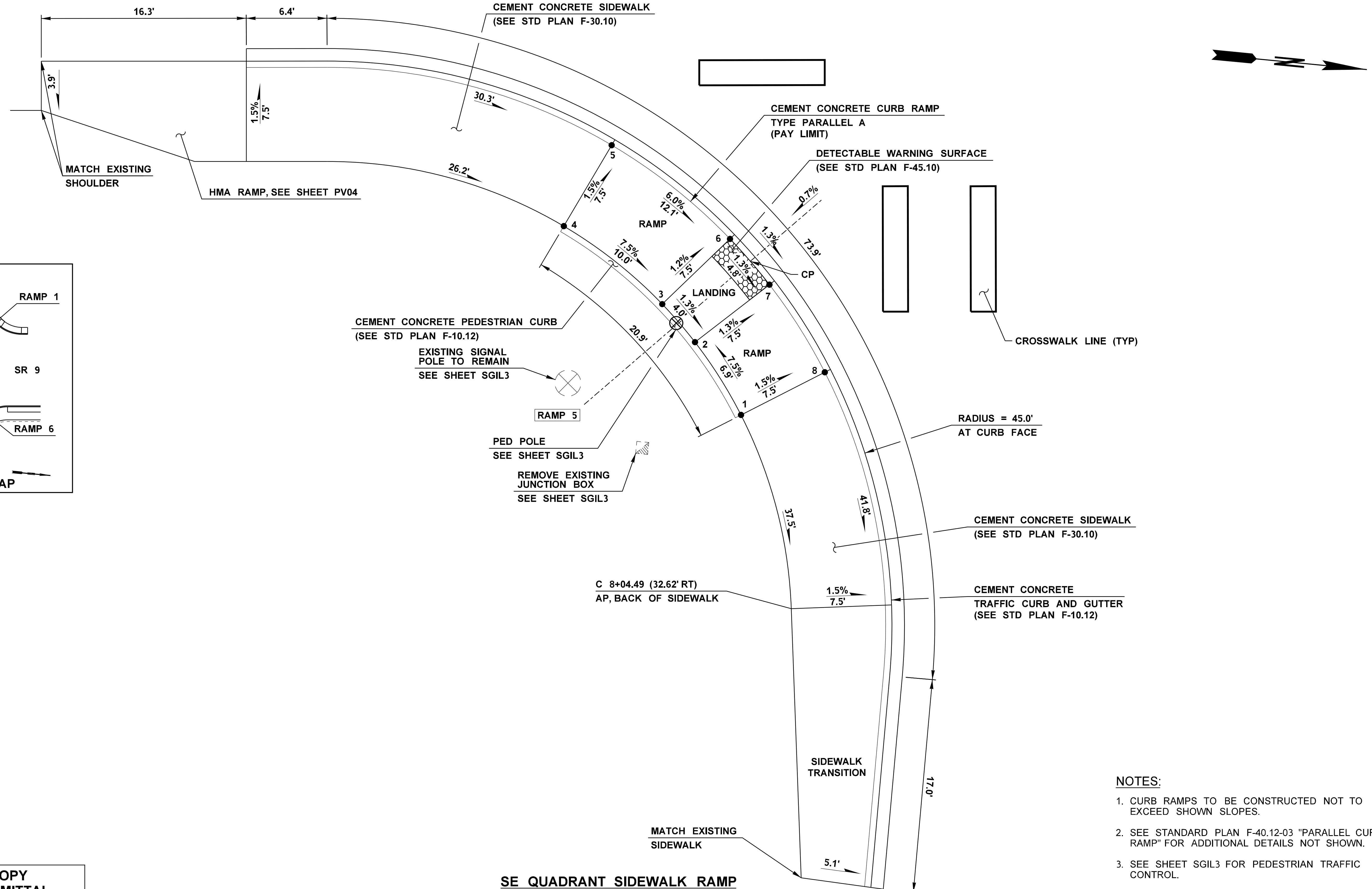
PLAN REF NO
PVD01

SE QUAD	
POINT	ELEVATION
CP	369.38
1	369.96
2	369.45
3	369.50
4	370.26
5	370.14
6	369.41
7	369.35
8	369.85



DATUM

(NAVD) 88



SE QUADRANT SIDEWALK RAMP

SR 9 / MARKET PL INTERSECTION
NOT TO SCALE

NOTES:

1. CURB RAMPS TO BE CONSTRUCTED NOT TO EXCEED SHOWN SLOPES.
2. SEE STANDARD PLAN F-40.12-03 "PARALLEL CURB RAMP" FOR ADDITIONAL DETAILS NOT SHOWN.
3. SEE SHEET SGIL3 FOR PEDESTRIAN TRAFFIC CONTROL.
4. SEE ITS, SIGNING, AND SIGNAL AND ILLUMINATION PLANS FOR ADDITIONAL DETAILS NOT SHOWN.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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TIME	6:02:34 AM
DATE	9/28/2020
PLOTTED BY	p0009429
DESIGNED BY	B. HOLMAN
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO | REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 20A013

CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED PROFESSIONAL ENGINEER

DATE

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PARSONS

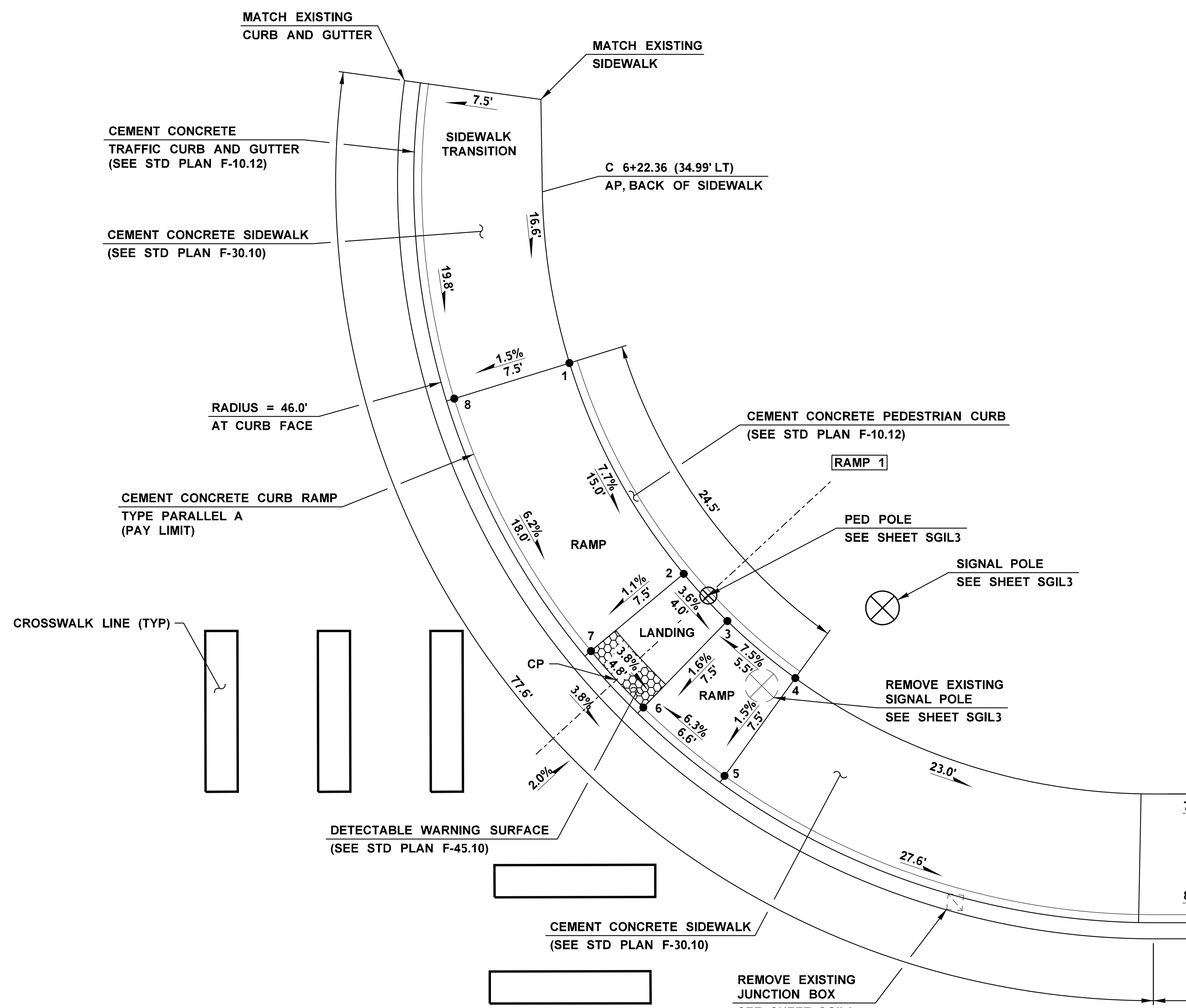
Washington State Department of Transportation

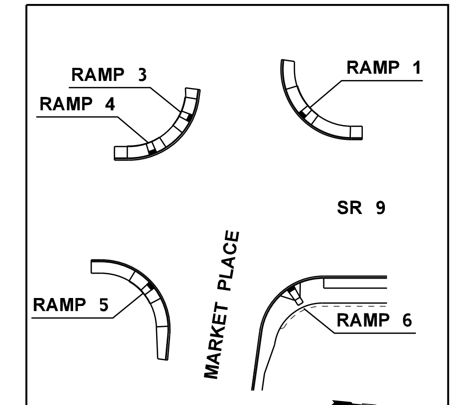
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

PAVING DETAILS

PLAN REF NO PVD02

SHEET 69 OF 161 SHEETS





RAMP KEY MAP

NW QUAD	
POINT	ELEVATION
CP	368.28
1	369.60
2	368.45
3	368.31
4	368.72
5	368.61
6	368.19
7	368.37
8	369.49

DATUM (NAVD) 88

NOTES:

1. CURB RAMPS TO BE CONSTRUCTED NOT TO EXCEED SHOWN SLOPES.
2. SEE STANDARD PLAN F-40.12-03 "PARALLEL CURB RAMP" FOR ADDITIONAL DETAILS NOT SHOWN.
3. SEE SHEET SGIL3 FOR PEDESTRIAN TRAFFIC CONTROL.
4. SEE ITS, SIGNING, AND SIGNAL AND ILLUMINATION PLANS FOR ADDITIONAL DETAILS NOT SHOWN.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NW QUADRANT SIDEWALK RAMP

SR 9 / MARKET PL INTERSECTION
NOT TO SCALE

FILE NAME	c:\pw_working\wastate\parsons_p0009429\dms08740\Stage 2_Y-11834_PS_PVD_03.dgn					
TIME	6:03:03 AM					
DATE	9/28/2020					
PLOTTED BY	p0009429					
DESIGNED BY	B. HOLMAN					
ENTERED BY	K. MCWILLIAMS					
CHECKED BY	Z. BROWN					
PROJ. ENGR.	K. NDILE					
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY	

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

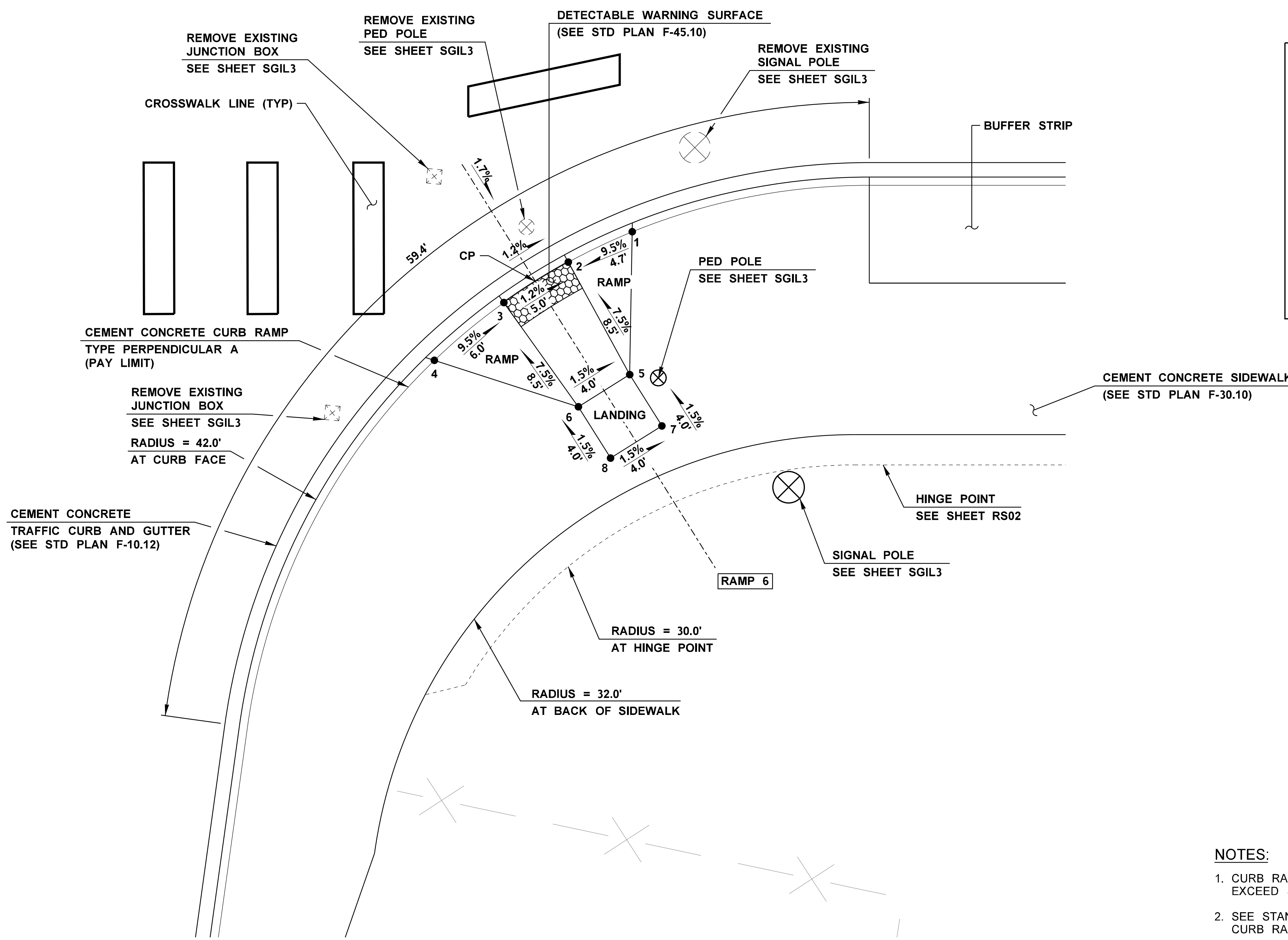
PAVING DETAILS

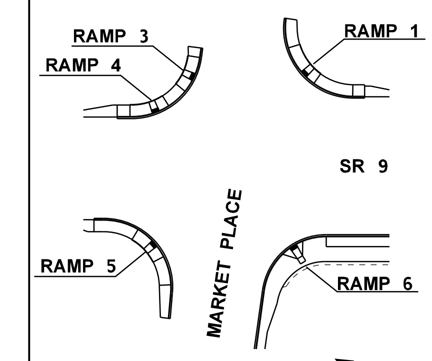
PLAN REF NO PVD03

SHEET 70 OF 161 SHEETS

NE QUAD	
POINT	ELEVATION
CP	367.81
1	368.23
2	367.78
3	367.84
4	368.41
5	368.54
6	368.48
7	368.42
8	368.48

DATUM
(NAVD) 88





RAMP KEY MAP

NOTES:

1. CURB RAMPS TO BE CONSTRUCTED NOT TO EXCEED SHOWN SLOPES.
2. SEE STANDARD PLAN F-40.15-03 "PERPENDICULAR CURB RAMP" FOR ADDITIONAL DETAILS NOT SHOWN.
3. SEE SHEET SGIL3 FOR PEDESTRIAN TRAFFIC CONTROL.
4. SEE ITS, SIGNING, AND SIGNAL AND ILLUMINATION PLANS FOR ADDITIONAL DETAILS NOT SHOWN.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NE QUADRANT SIDEWALK RAMP

SR 9 / MARKET PL INTERSECTION
NOT TO SCALE

FILE NAME	c:\pw_working\wastate\parsons_p0009429\dms08740\Stage 2_Y-11834_PS_PVD_04.dgn
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DATE	9/28/2020
PLOTTED BY	p0009429
DESIGNED BY	B. HOLMAN
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.	LOCATION NO.	

STEPHEN P. BATES
STATE OF WASHINGTON
43476
REGISTERED
PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State
Department of Transportation

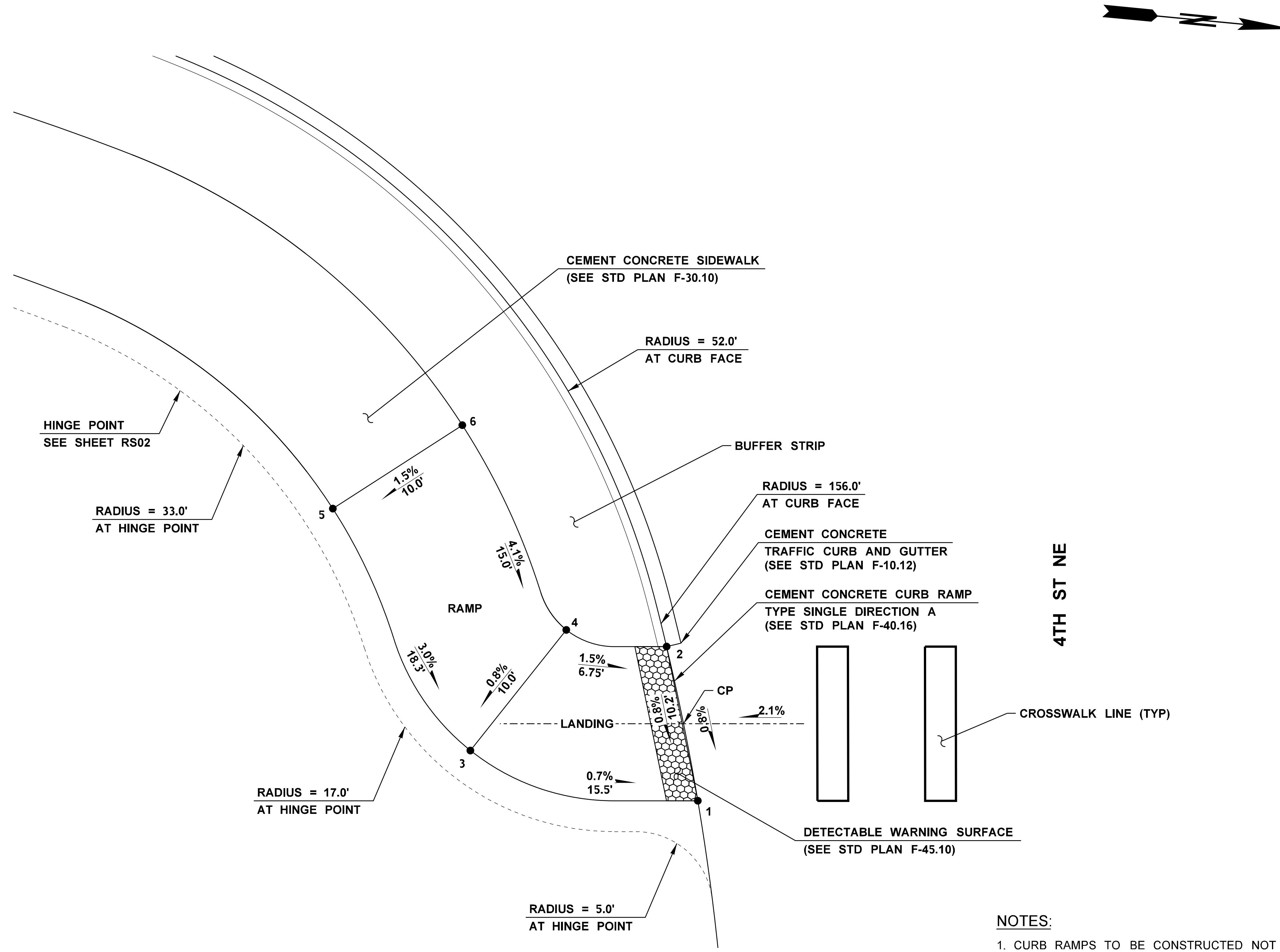
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

PAVING DETAILS

PLAN REF NO
PVD04

SINGLE DIRECTION	
POINT	ELEVATION
CP	357.42
1	357.38
2	357.46
3	357.48
4	357.56
5	358.03
6	358.18

DATUM
(NAVD) 88



NOTES:

1. CURB RAMPS TO BE CONSTRUCTED NOT TO EXCEED SHOWN SLOPES.
2. SEE STANDARD PLAN F-40.16-03 "SINGLE DIRECTION CURB RAMP" FOR ADDITIONAL DETAILS NOT SHOWN.
3. SEE SHEET SGIL3 FOR PEDESTRIAN TRAFFIC CONTROL.
4. SEE ITS, SIGNING, AND SIGNAL AND ILLUMINATION PLANS FOR ADDITIONAL DETAILS NOT SHOWN.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

SINGLE DIRECTION SIDEWALK RAMP

SR 9 / 4TH ST NE INTERSECTION
NOT TO SCALE

FILE NAME	c:\pw_working\wastate\parsons_p0009429\dms08740\Stage 2_Y-11834_PS_PVD_05.dgn
TIME	6:03:39 AM
DATE	9/28/2020
PLOTTED BY	p0009429
DESIGNED BY	B. HOLMAN
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	

JOB NUMBER 20A013
CONTRACT NO.
LOCATION NO.

STEPHEN P. BATES
STATE OF WASHINGTON
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REGISTERED
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PARSONS

Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

PAVING DETAILS

PLAN REF NO
PVD05

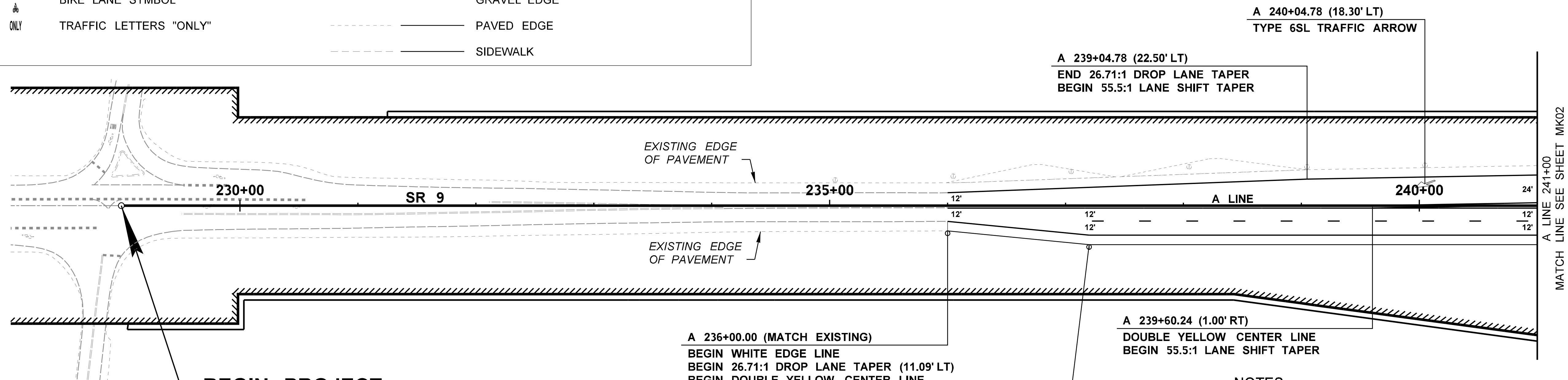
SHEET
72
OF
161
SHEETS

T. 29N. R. 5E. W.M. SEC. 13

LEGEND

EXISTING	NEW		EXISTING	NEW	
	STA	ALIGNMENT			DOUBLE YELLOW CENTERLINE
	AP	ANGLE POINT			YELLOW TWO-WAY LEFT-TURN CENTERLINE
		HIGHWAY RIGHT OF WAY			CROSSWALK LINE
		HIGHWAY LIMITED ACCESS RIGHT OF WAY			DOTTED LANE EXTENSION LINE
		HIGHWAY LIMITED ACCESS FLOATING			EDGE LINE
		CITY OF LAKE STEVENS RIGHT OF WAY			WIDE EDGE LINE
		TRAFFIC ARROW TYPE 1S			LANE LINE
		TRAFFIC ARROW TYPE 2SL			STOP LINE
		TRAFFIC ARROW TYPE 2SR			GUIDE POST
		TRAFFIC ARROW TYPE 6SL			CURB AND GUTTER
		BIKE LANE SYMBOL			GRAVEL EDGE
	ONLY	TRAFFIC LETTERS "ONLY"			PAVED EDGE
					SIDEWALK

0 50 100
SCALE IN FEET



BEGIN PROJECT

SR9 MP 15.05
STA SR9 228+99.44 POT =
STA A 228+99.44 POT (0.00' RT)

ITEMS	UNIT	QUANTITY ✱
PLASTIC LINE	LF	12535
PLASTIC WIDE LANE LINE	LF	1715
PLASTIC TRAFFIC ARROW	EACH	17
PLASTIC CROSSWALK LINE	SF	1100
PLASTIC STOP LINE	LF	215
PLASTIC BICYCLE LANE SYMBOL	EACH	2
PLASTIC TRAFFIC LETTER	EACH	12
FLEXIBLE GUIDE POST	EACH	56
RAISED PAVEMENT MARKER TYPE 2	HUND	0.4
TEMPORARY PAVEMENT MARKING-LONG DURATION	LF	18460

✱ TOTALS SHEETS MK01 - MK05

NOTES:

1. ALL LONGITUDINAL PAVEMENT MARKINGS AS PER WSDOT STD PLAN M-20.10-02.
2. ALL TRANSVERSE AND MISCELLANEOUS PAVEMENT MARKINGS AS PER WSDOT STD PLAN M-24.60-04.
3. ALL TRAFFIC ARROWS AS PER WSDOT STD PLAN M-24.40-02.
4. BIKE LANE AND ARROW PAVEMENT MARKINGS AS PER WSDOT STD PLAN M-9.50-02.
5. TRAFFIC LETTER AND NUMERAL APPLICATIONS AS PER WSDOT STD PLAN M-80.10-01.
6. ALL CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED.
7. PLAN ACCURATE FOR PAVEMENT MARKINGS ONLY. SEE PAVING PLANS AND ROADWAY SECTIONS FOR INFORMATION NOT SHOWN.
8. CROSSWALK LINES PER WSDOT STD PLAN M-15.10-01.
9. FOR ADDITIONAL MARKING QUANTITIES, SEE DRAINAGE DETAIL SHEETS.
10. ALL PLASTIC PAVEMENT MARKINGS SHALL BE MMA TYPE D.
11. SEE ALIGNMENT SHEETS REGARDING ACCESS CONTROL REVISIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

FILE NAME	c:\pw_working\wastate\p002567b\dms08740\Stage 2_Y-11834_PS_MK_01.dgn					
TIME	8:49:48 PM					
DATE	9/23/2020					
PLOTTED BY	p002567B					
DESIGNED BY	B. HASSANE					
ENTERED BY	K. MCWILLIAMS					
CHECKED BY	Z. BROWN					
PROJ. ENGR.	K. NDILE					
REGIONAL ADM.	M. COTTEN	NO		REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER

DATE
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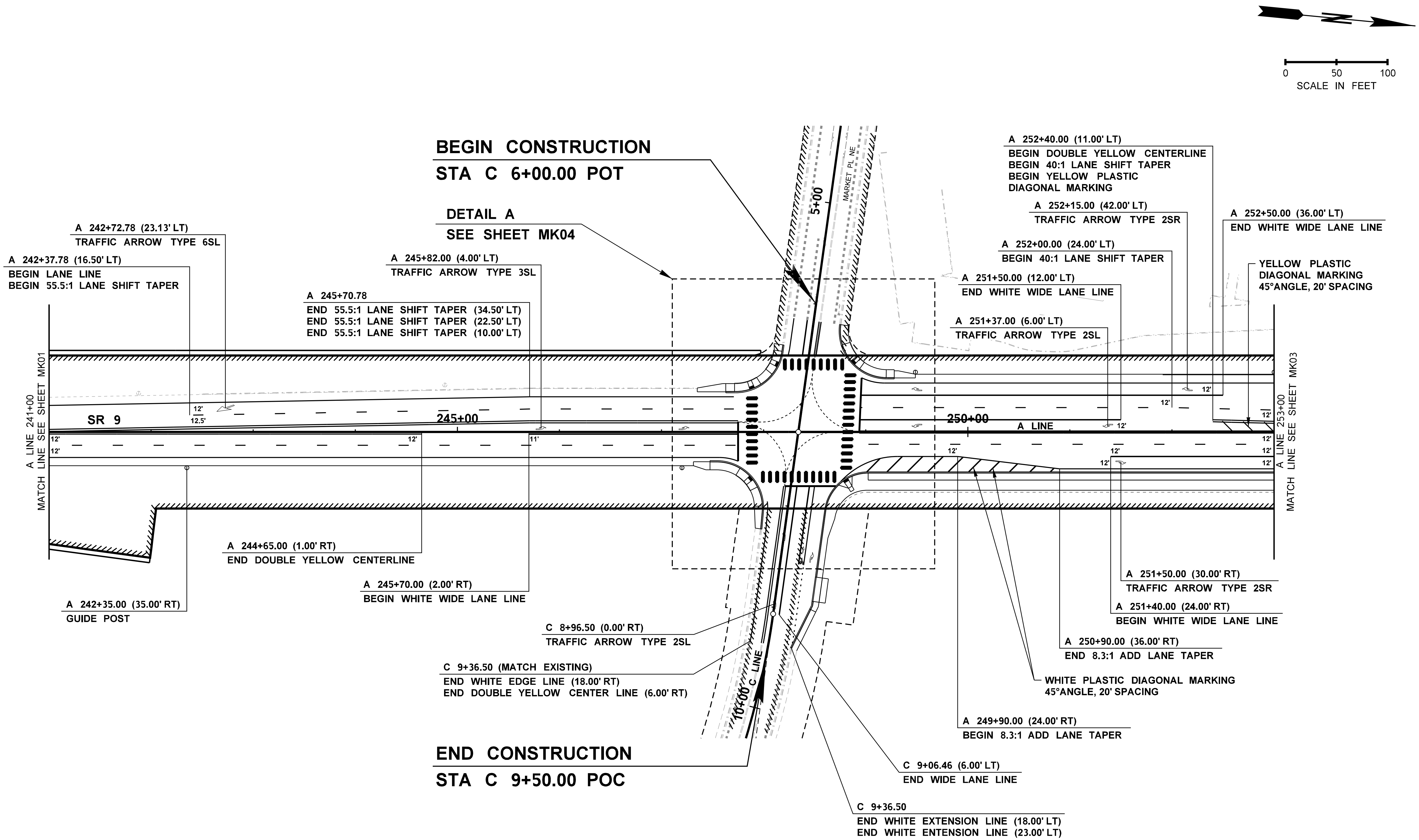
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

PAVEMENT MARKING PLAN

PLAN REF NO
MK01

SHEET
73
OF
161
SHEETS

T. 29N. R. 5E. W.M. SEC. 13



PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTES:

1. SEE SHEET MK01 FOR PAVEMENT MARKING LEGEND, NOTES, AND QUANTITIES.

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DATE	9/23/2020				
PLOTTED BY	p002567B				
DESIGNED BY	B. HASSANE				
ENTERED BY	K. MCWILLIAMS				
CHECKED BY	Z. BROWN				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 20A013

CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State
Department of Transportation

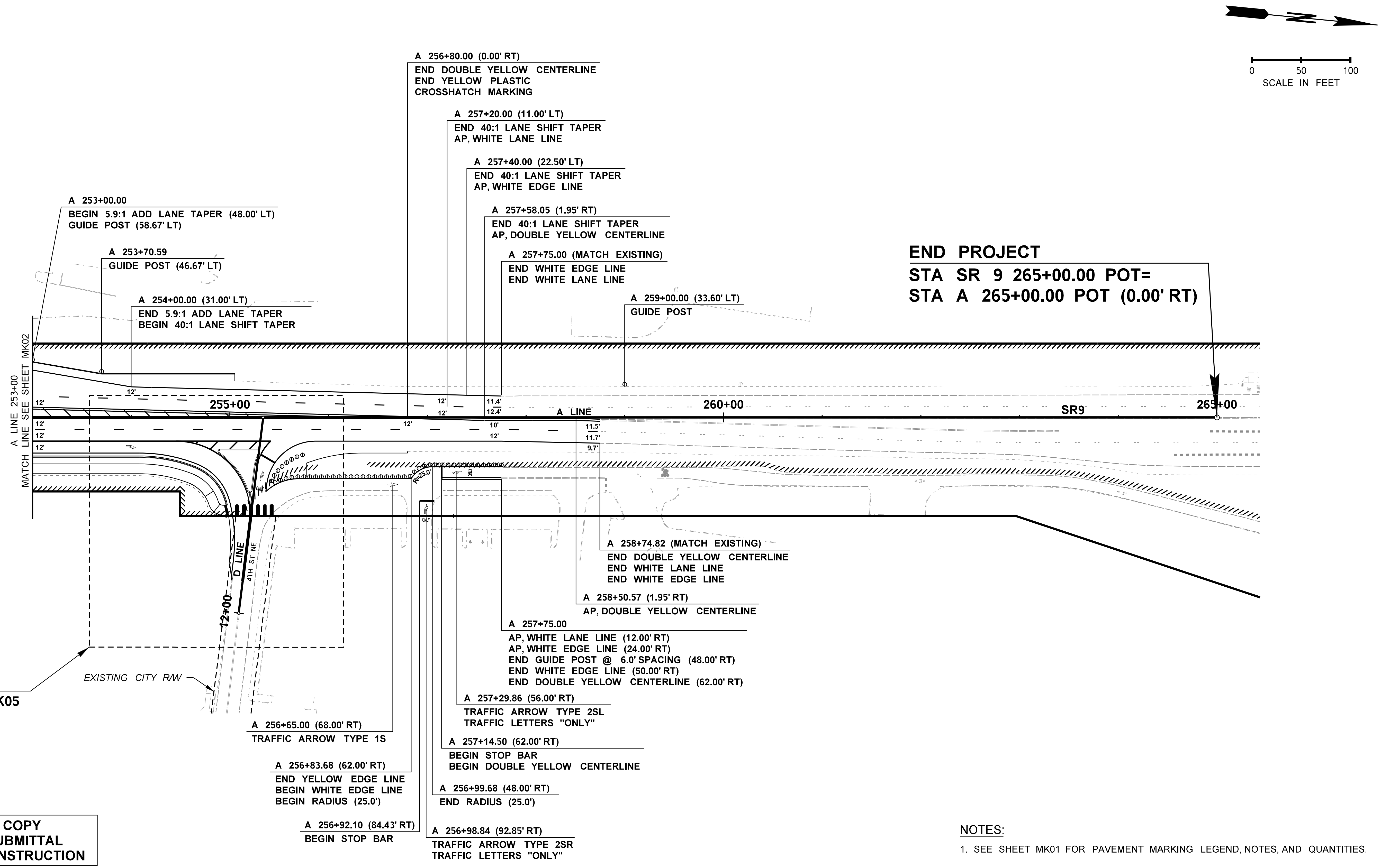
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

PAVEMENT MARKING PLAN

PLAN REF NO MK02

SHEET 74 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13



PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTES:

1. SEE SHEET MK01 FOR PAVEMENT MARKING LEGEND, NOTES, AND QUANTITIES.

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DATE	9/23/2020
PLOTTED BY	p002567B
DESIGNED BY	B. HASSANE
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.	LOCATION NO.	

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED · PROFESSIONAL ENGINEER

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Department of Transportation

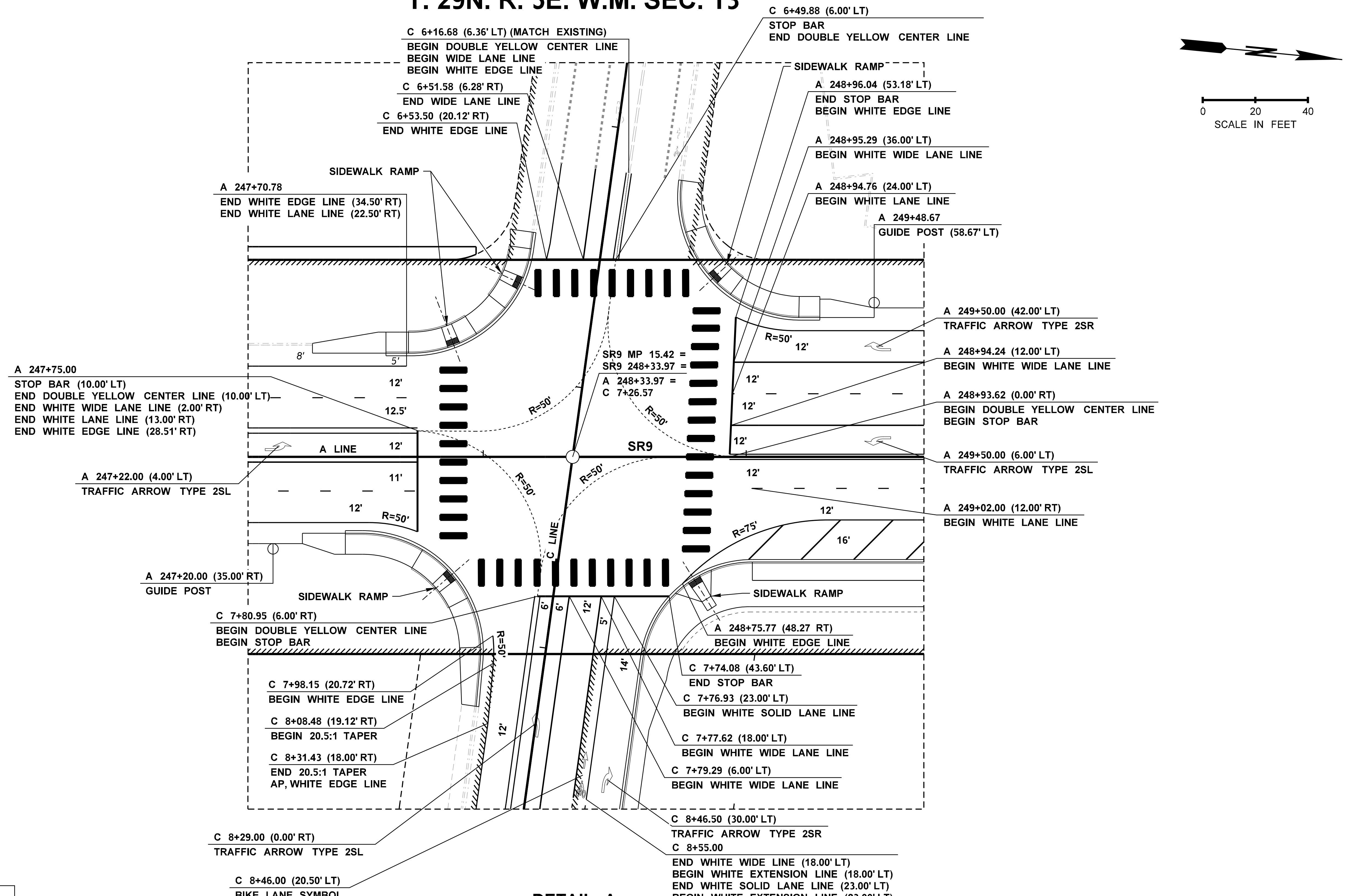
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

PAVEMENT MARKING PLAN

PLAN REF NO
MK03

SHEET
75
OF
161
SHEETS

T. 29N. R. 5E. W.M. SEC. 13



DETAIL A
MARKET PL INTERSECTION

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTES:

1. SEE SHEET MK01 FOR PAVEMENT MARKING LEGEND, NOTES, AND QUANTITIES.

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DESIGNED BY	B. HASSANE				
ENTERED BY	K. MCWILLIAMS				
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PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 20A013

CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED PROFESSIONAL ENGINEER

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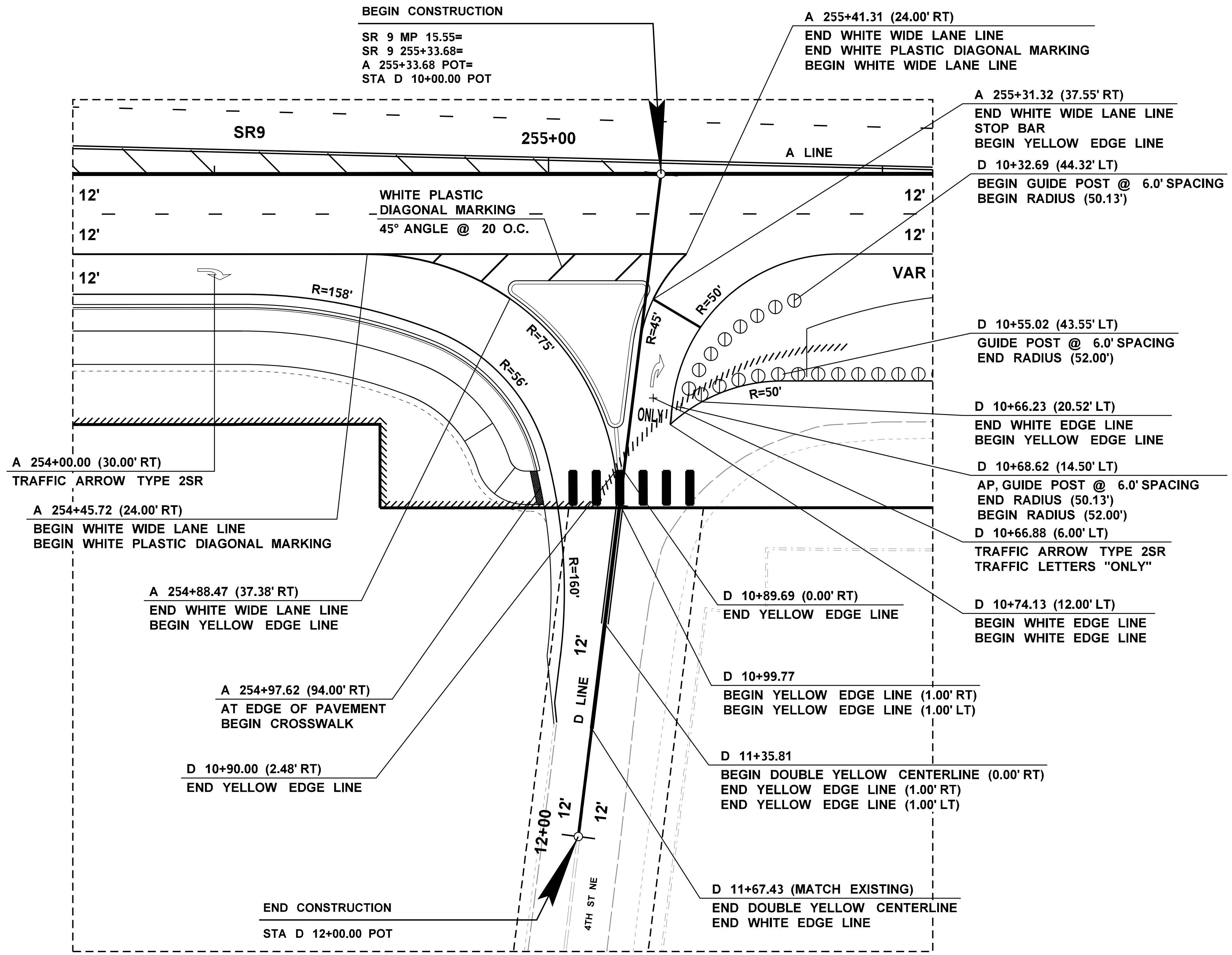
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

PAVEMENT MARKING PLAN

PLAN REF NO MK04

SHEET 76 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13



0 20 40
SCALE IN FEET

DETAIL B
4TH ST NE INTERSECTION

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTES:

1. SEE SHEET MK01 FOR PAVEMENT MARKING LEGEND, NOTES, AND QUANTITIES.

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DESIGNED BY	B. HASSANE
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES
STATE OF WASHINGTON
43476
REGISTERED
PROFESSIONAL ENGINEER

DATE
P.E. STAMP BOX

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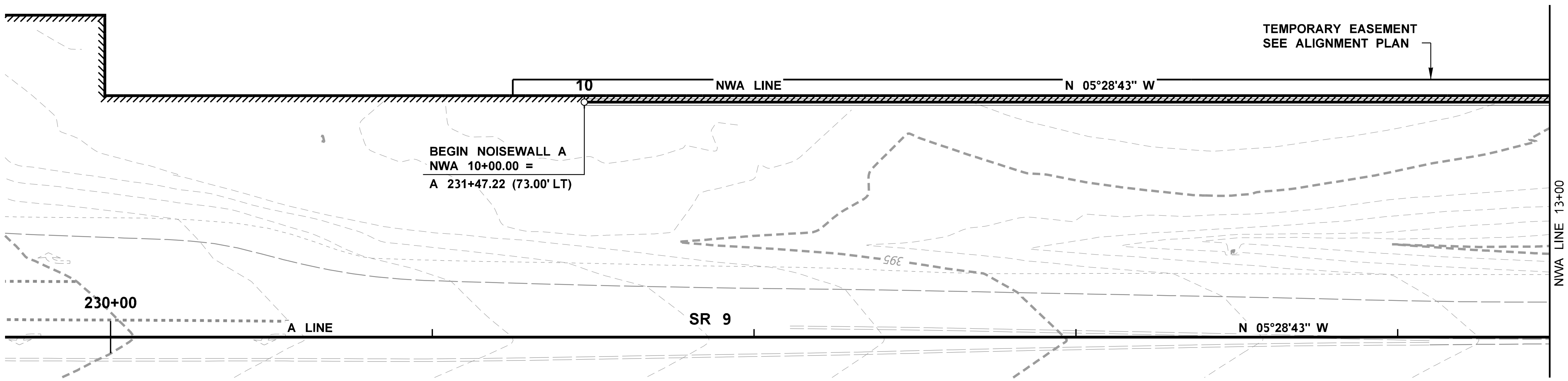
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

PAVEMENT MARKING PLAN

PLAN REF NO
MK05

T. 29N. R. 5E. W.M. SEC. 13

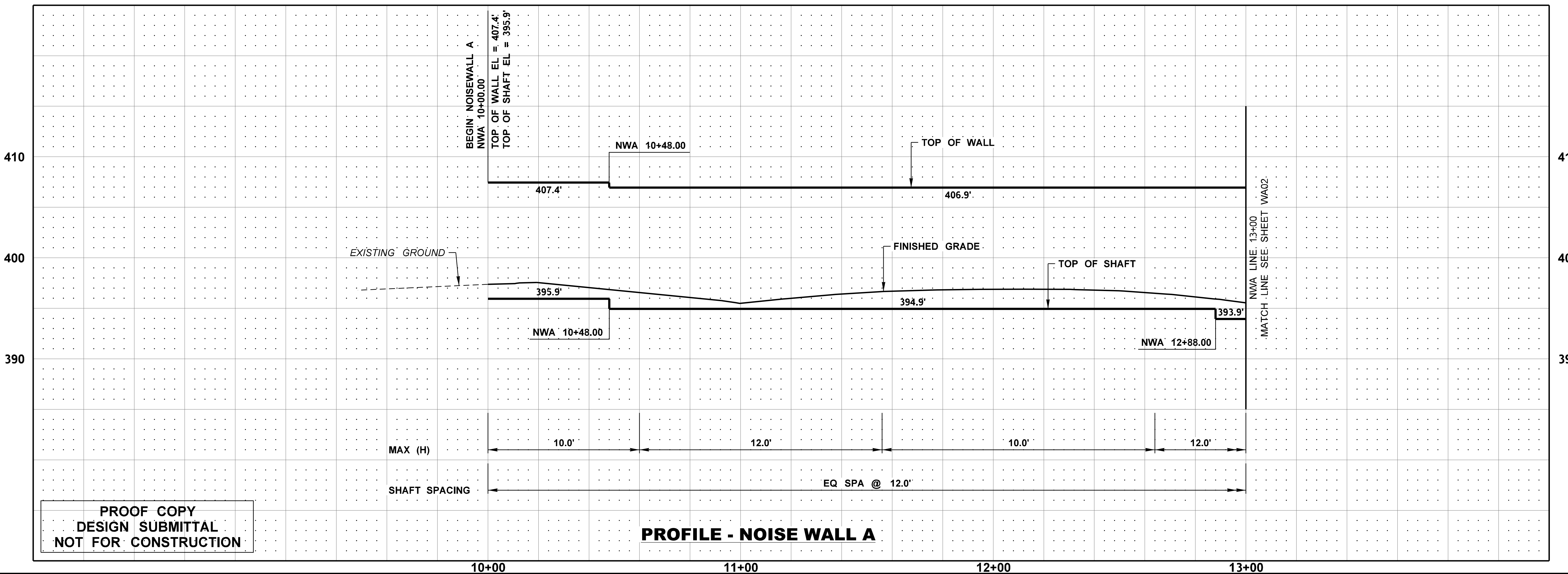


PLAN - NOISE WALL A

0 20 40
SCALE IN FEET

NOTES:

1. ALL ANGLE POINTS SHALL BE CANTILEVERED. SEE WAD01 AND STANDARD D-2.36-03 FOR ANGLE POINT AND CANTILEVERED WALL DETAILS AND LENGTHS.
2. SEE WAD02 FOR TYPICAL SECTION AND WALL TEXTURE DETAILS.
3. ALL NOISE BARRIER WALLS SHALL BE TYPE 11 PER STANDARD PLAN D-2.36-03.
4. SHAFT DEPTH D1 SHALL BE DETERMINED USING WESTERN WASHINGTON TABLE ON STANDARD PLAN D-2.36-03.
5. SEE WAD01 FOR BOTTOM STEP TRANSITION DETAILS.
6. SEE ALIGNMENT SHEETS REGARDING ACCESS CONTROL REVISIONS.



PROFILE - NOISE WALL A

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DATE	9/28/2020
PLOTTED BY	p0009429
DESIGNED BY	B. HOLMAN
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.	LOCATION NO.	

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX DATE

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Washington State Department of Transportation

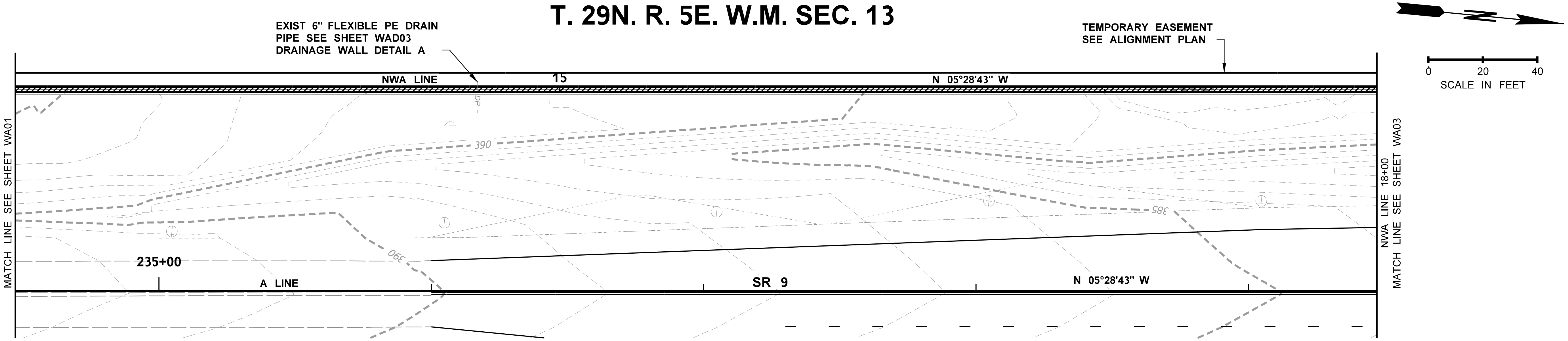
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

NOISE WALL PLAN & PROFILE

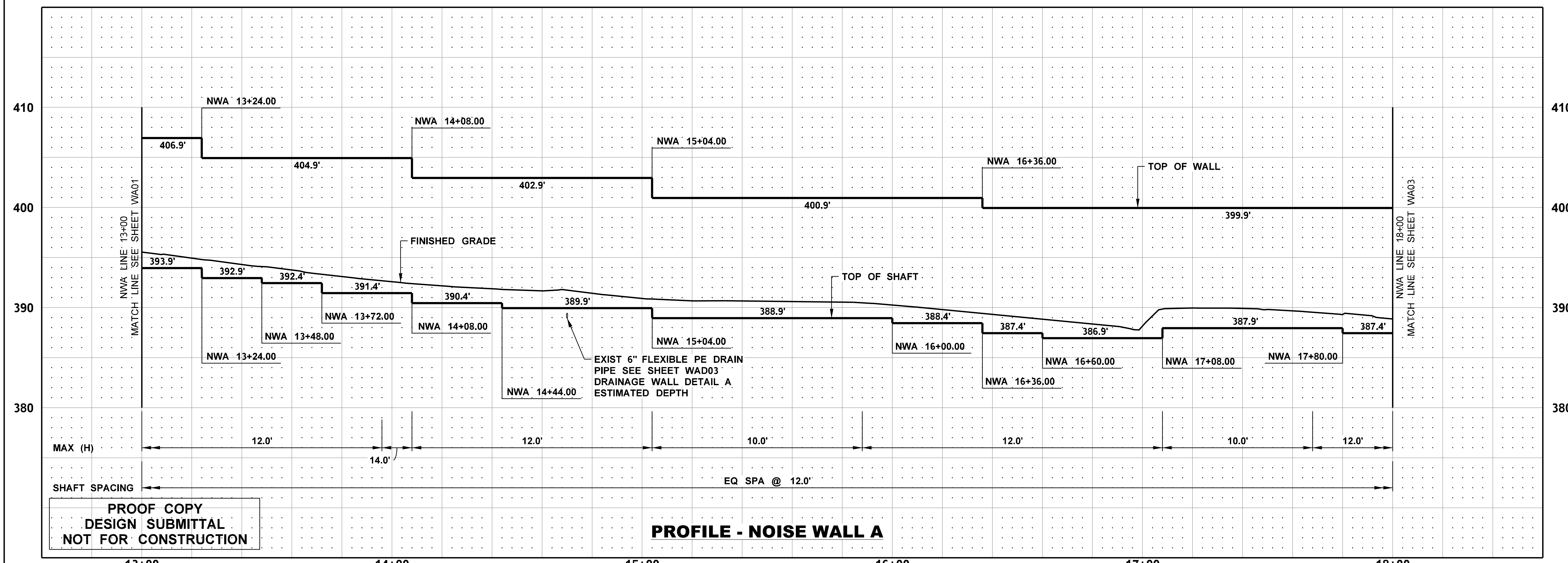
PLAN REF NO WA01

SHEET 78 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13



PLAN - NOISE WALL A



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DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

PROFILE - NOISE WALL A

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CHECKED BY	Z. BROWN				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX DATE

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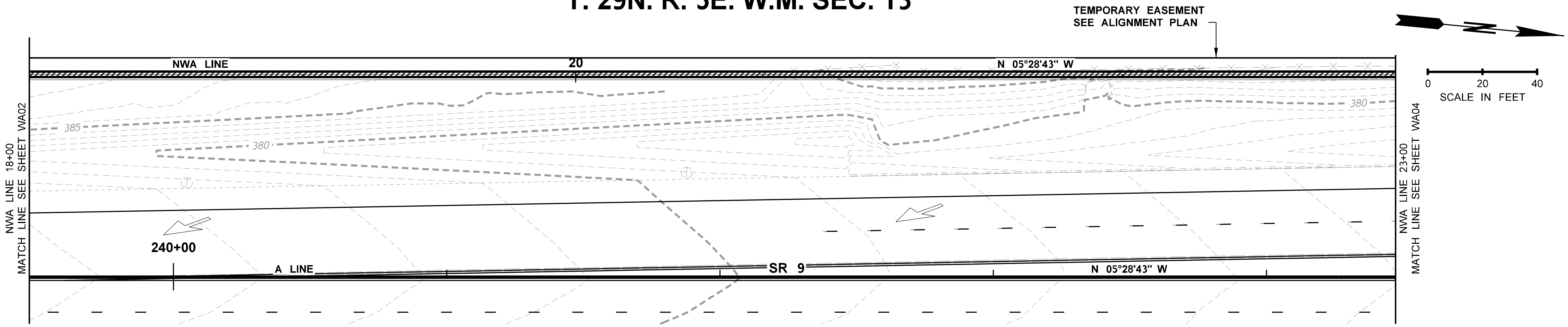
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

NOISE WALL PLAN & PROFILE

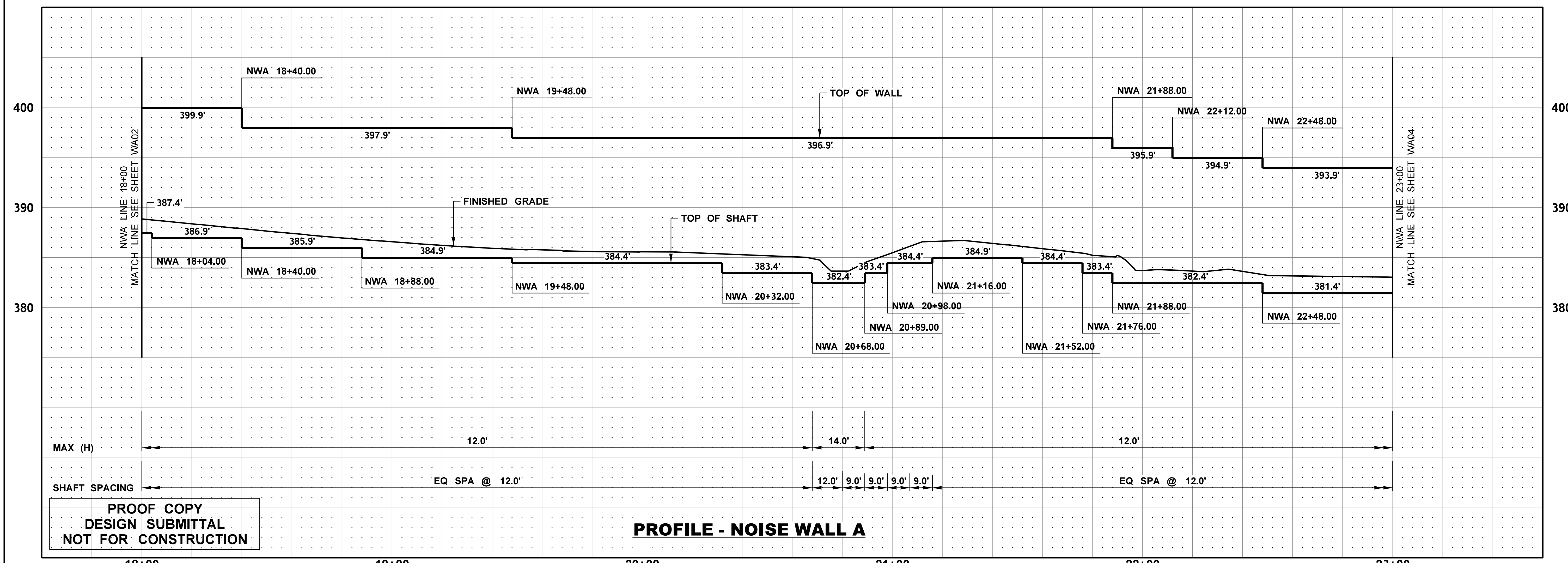
PLAN REF NO WA02

SHEET 79 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13



PLAN - NOISE WALL A



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NOT FOR CONSTRUCTION

PROFILE - NOISE WALL A

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DATE	9/28/2020
PLOTTED BY	p0009429
DESIGNED BY	B. HOLMAN
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		20A013
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES
STATE OF WASHINGTON
43476
REGISTERED
PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

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Washington State
Department of Transportation

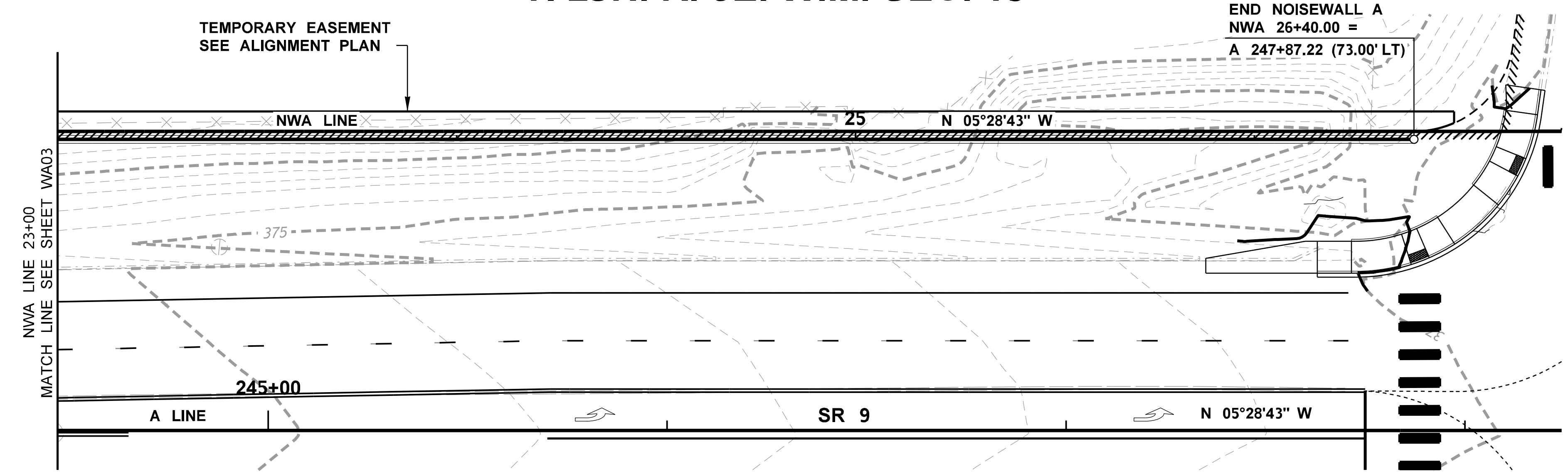
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

NOISE WALL PLAN & PROFILE

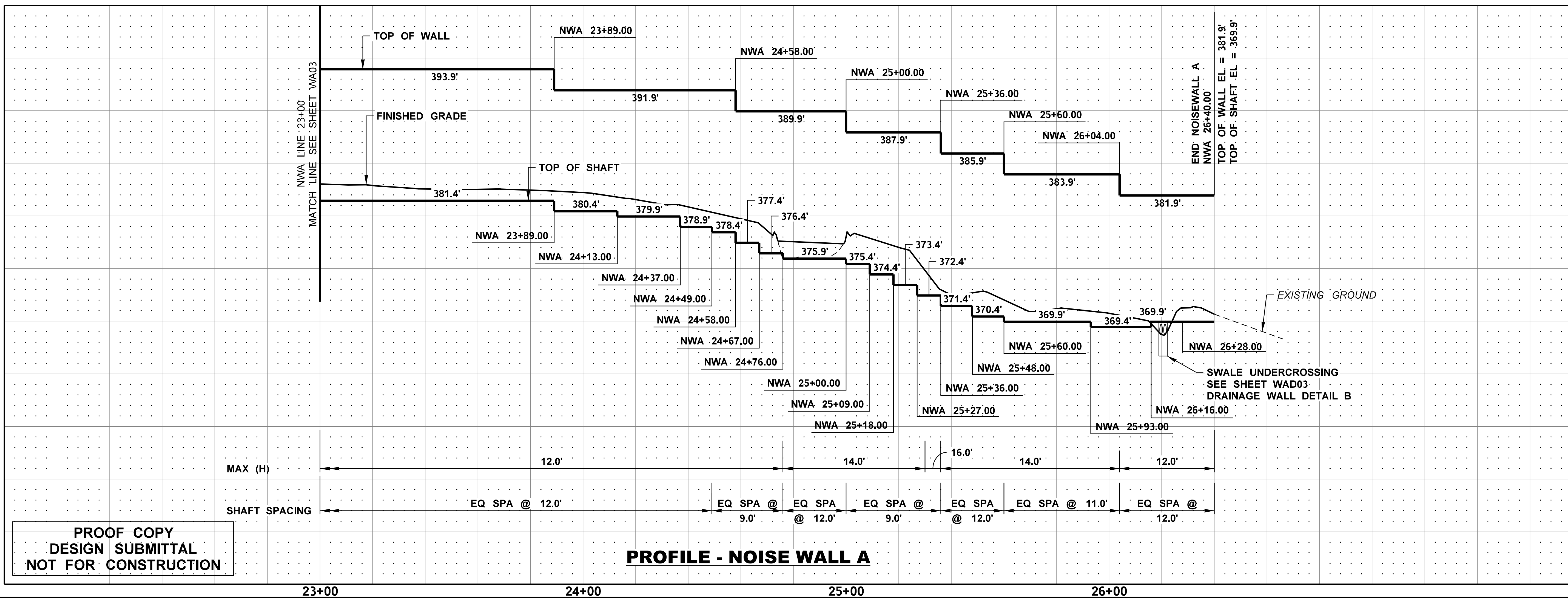
PLAN REF NO
WA03

SHEET
80
OF
161
SHEETS

T. 29N. R. 5E. W.M. SEC. 13



PLAN - NOISE WALL A



PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

PROFILE - NOISE WALL A

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DESIGNED BY	B. HOLMAN
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 STATE WASH
FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO.
LOCATION NO.

STEPHEN P. BATES, STATE OF WASHINGTON, 43476, REGISTERED PROFESSIONAL ENGINEER
DATE
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Washington State
Department of Transportation

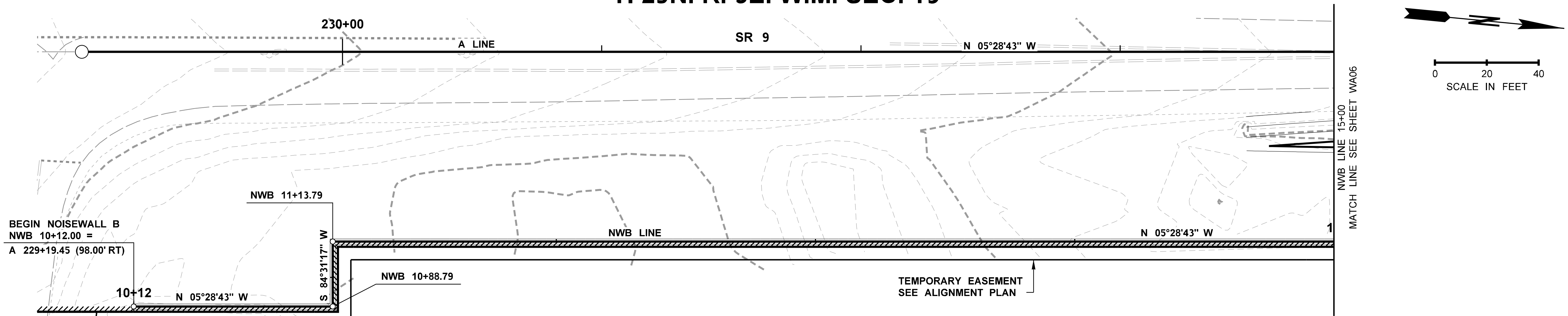
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

NOISE WALL PLAN & PROFILE

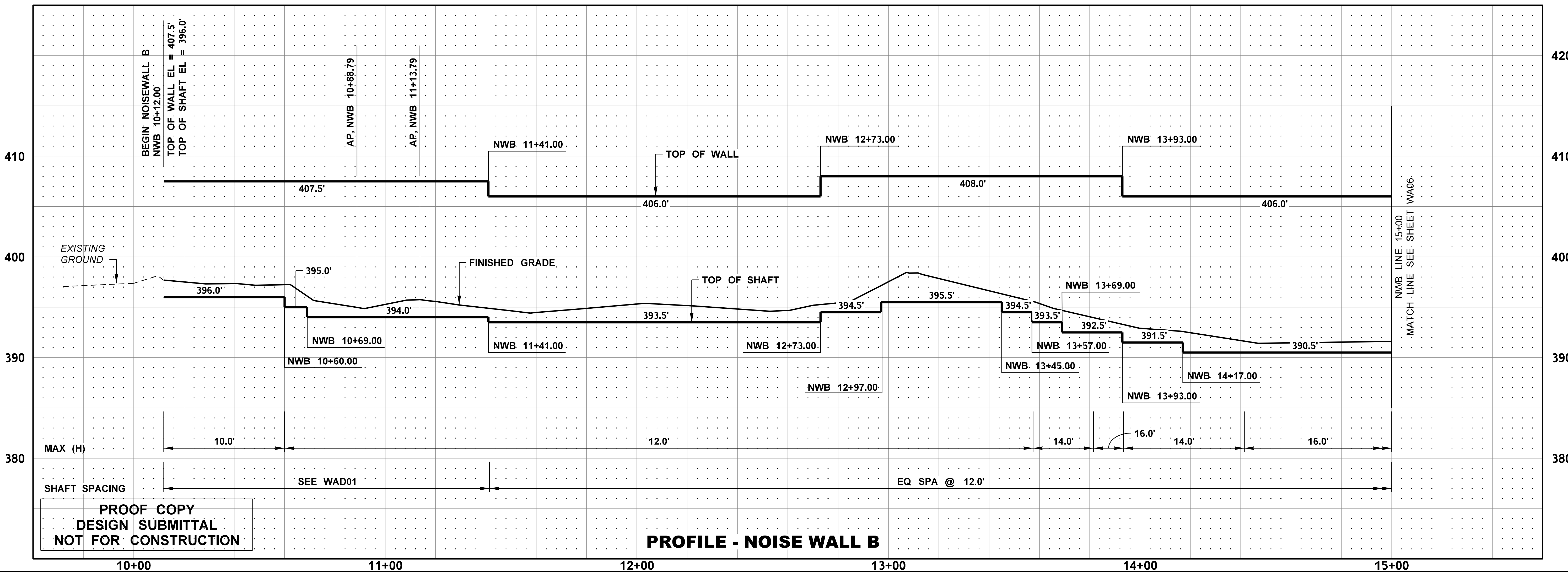
PLAN REF NO
WA04

SHEET
81
OF
161
SHEETS

T. 29N. R. 5E. W.M. SEC. 13



PLAN - NOISE WALL B



PROFILE - NOISE WALL B

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DATE	9/28/2020
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DESIGNED BY	B. HOLMAN
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 20A013

CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES — STATE OF WASHINGTON — 43476 — REGISTERED PROFESSIONAL ENGINEER

DATE

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Washington State Department of Transportation

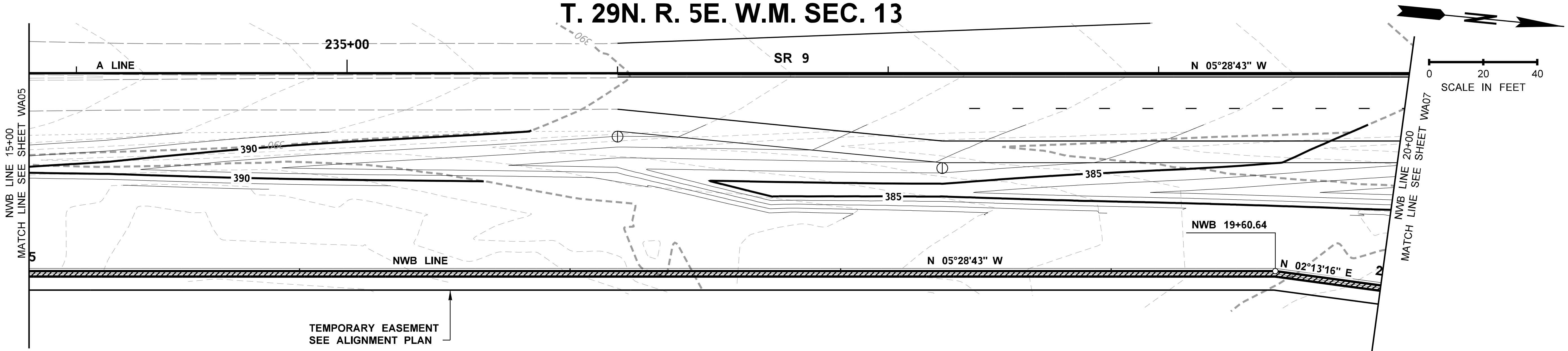
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

NOISE WALL PLAN & PROFILE

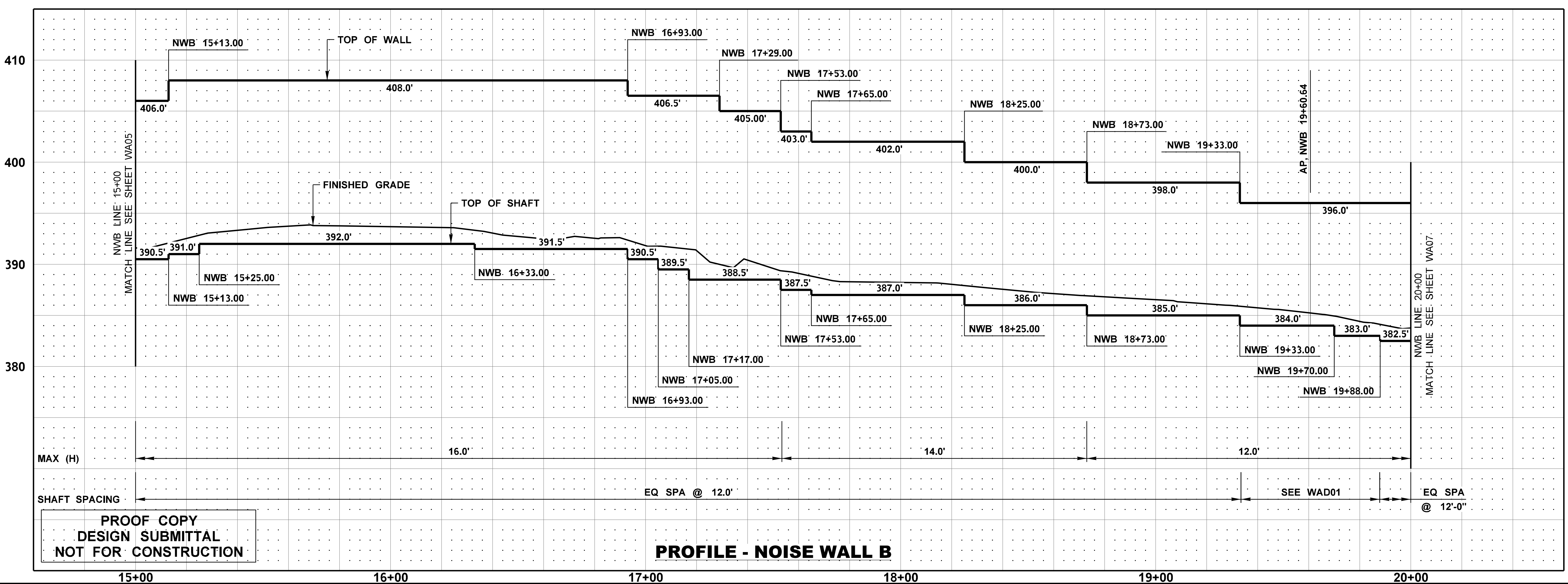
PLAN REF NO WA05

SHEET 82 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13



PLAN - NOISE WALL B



PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

PROFILE - NOISE WALL B

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DATE	9/28/2020			JOB NUMBER 20A013			
PLOTTED BY	p0009429			CONTRACT NO.		LOCATION NO.	
DESIGNED BY	B. HOLMAN						
ENTERED BY	K. MCWILLIAMS						
CHECKED BY	Z. BROWN						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY		

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED PROFESSIONAL ENGINEER

DATE

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Washington State
Department of Transportation

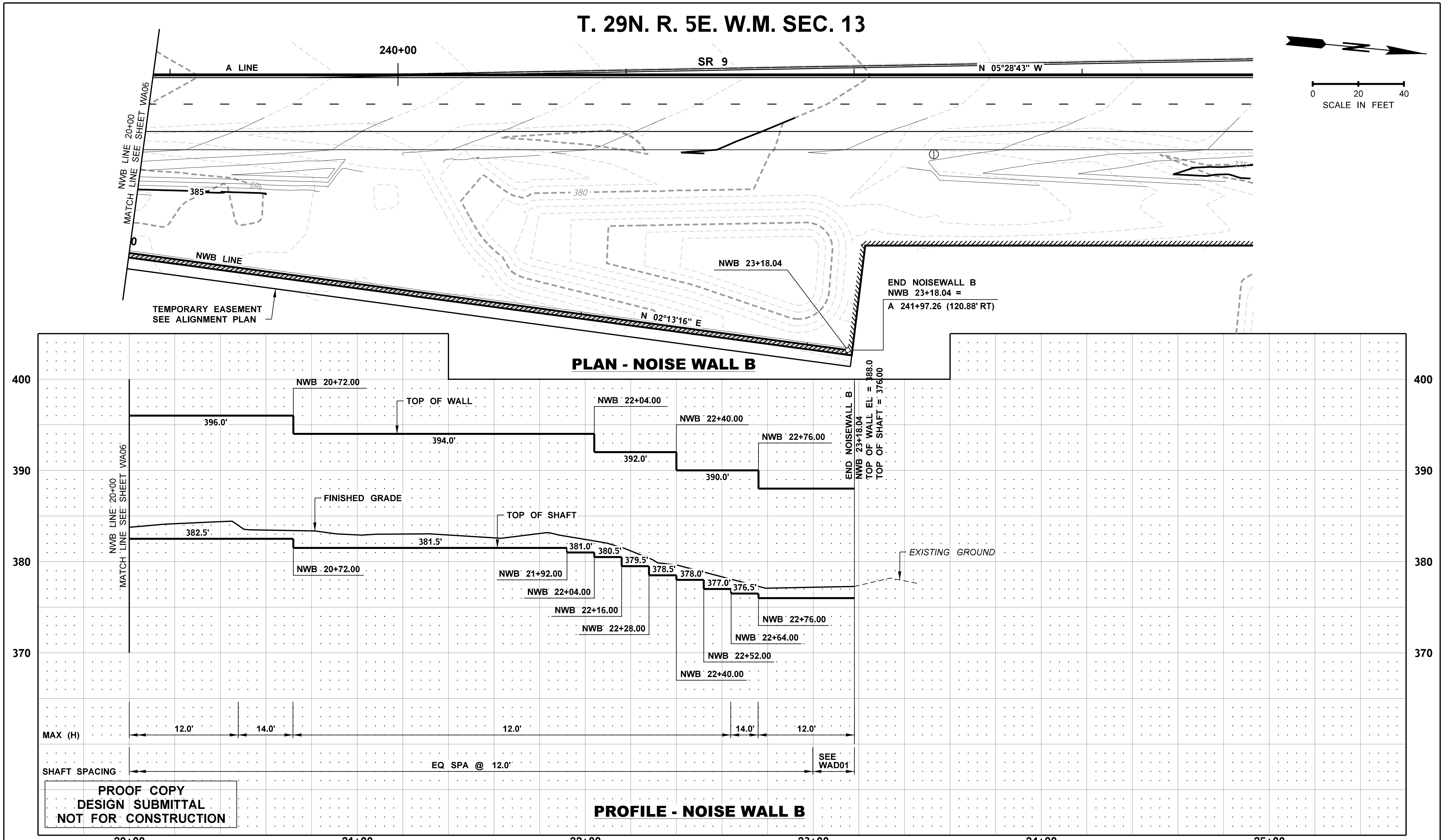
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

NOISE WALL PLAN & PROFILE

PLAN REF NO
WA06

SHEET
83
OF
161
SHEETS

T. 29N. R. 5E. W.M. SEC. 13



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DESIGNED BY	B. HOLMAN
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	

JOB NUMBER 20A013

CONTRACT NO. LOCATION NO.

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER

DATE

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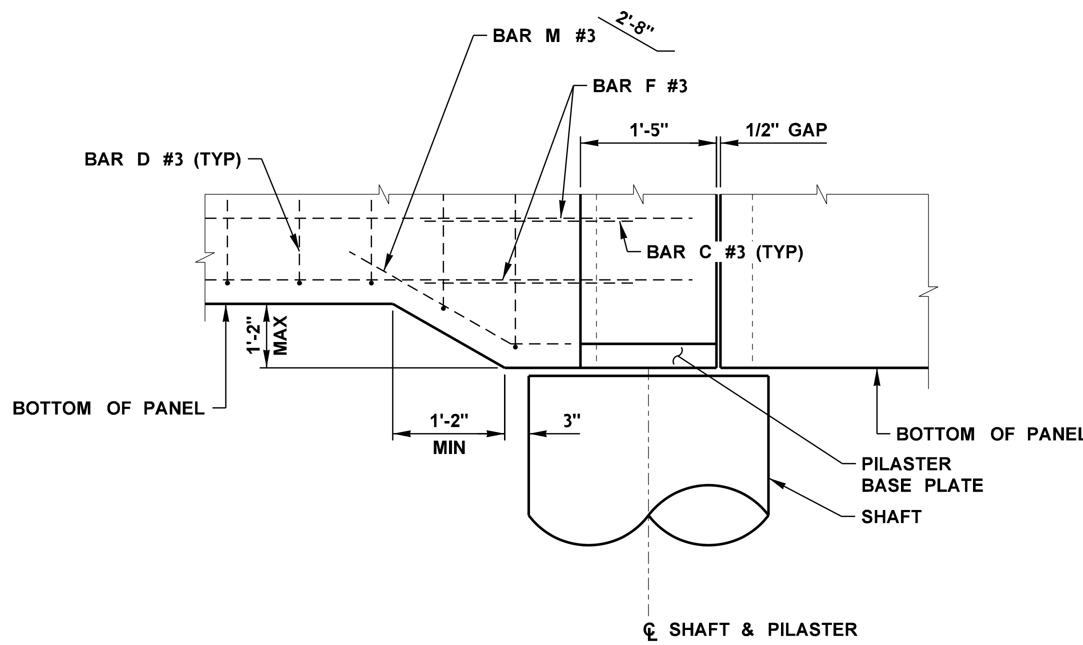
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

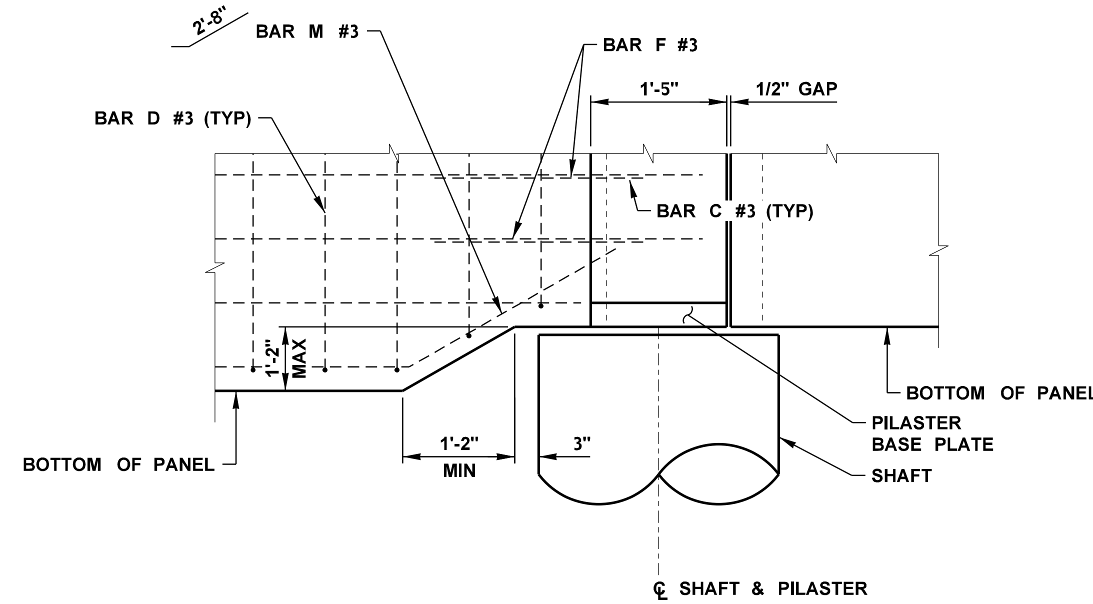
NOISE WALL PLAN & PROFILE

PLAN REF NO WA07

SHEET 84 OF 161 SHEETS



BOTTOM OF PANEL HIGHER THAN AHEAD PANEL
NOT TO SCALE

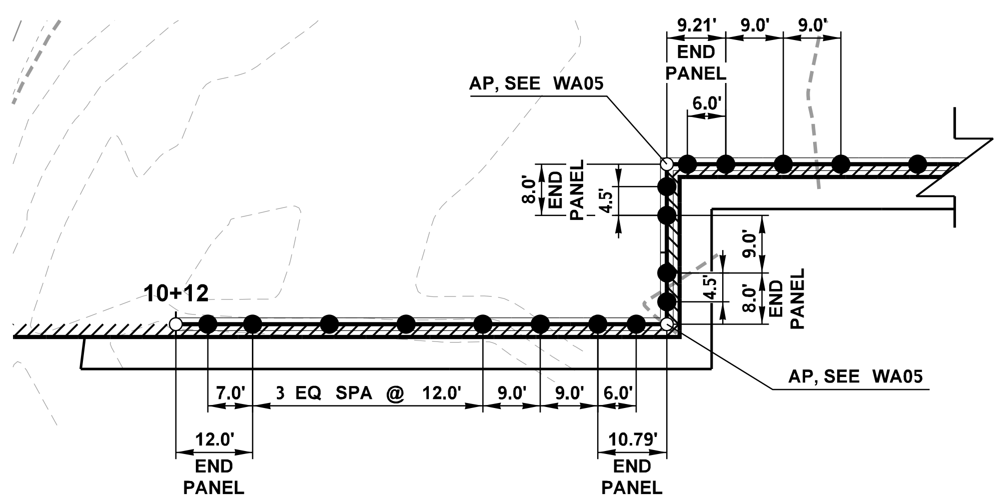


BOTTOM OF PANEL LOWER THAN AHEAD PANEL
NOT TO SCALE

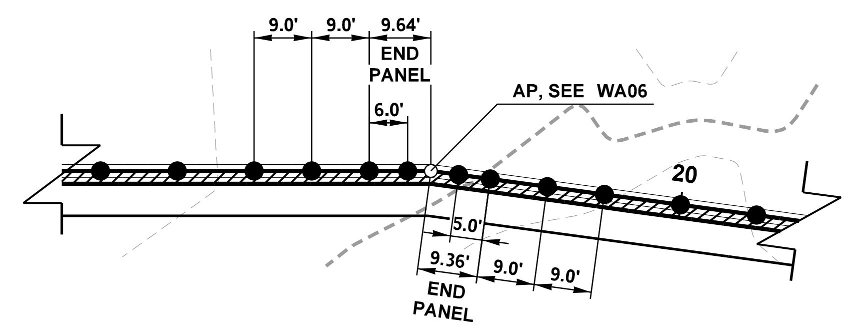
0 15 30
SCALE IN FEET

NOTES:

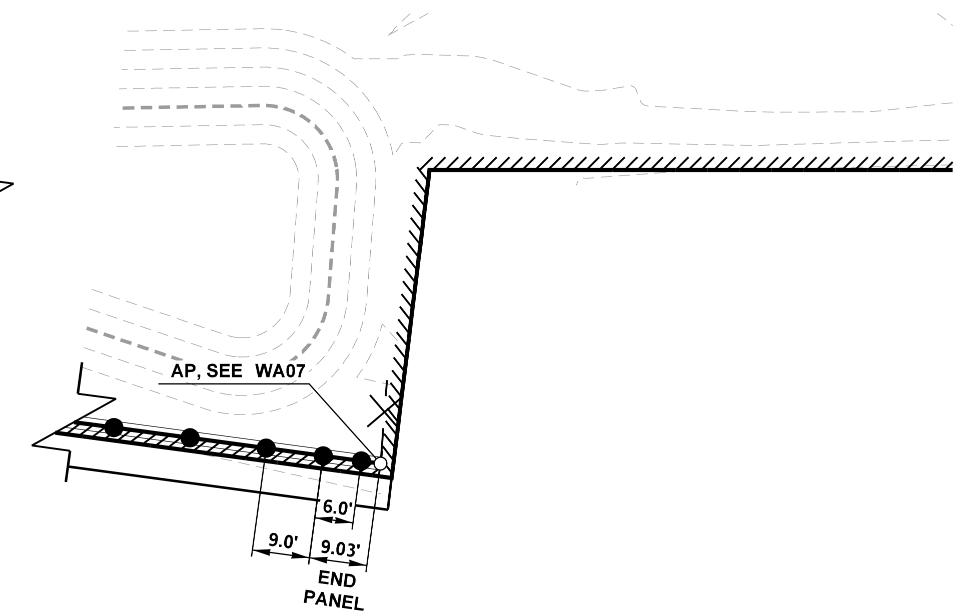
1. ALL ANGLE POINTS SHALL BE CANTILEVERED IN ACCORDANCE WITH STANDARD PLAN D-2.36.03.



NOISE WALL B
STA NWB 10+12 TO NWB 11+41



NOISE WALL B
STA NWB 19+33 TO NWB 19+88



NOISE WALL B
STA NWB 23+00 TO NWB 23+18.04

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DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

CANTILEVER PANELS AND SHAFT SPACING DETAILS

FILE NAME	c:\pw_working\wastate\parsons_p0009429\dms08768\Stage_2_Y-11834_DE_WAD_01.dgn
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DATE	9/28/2020
PLOTTED BY	p0009429
DESIGNED BY	B. HOLMAN
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES, STATE OF WASHINGTON, 43476, REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

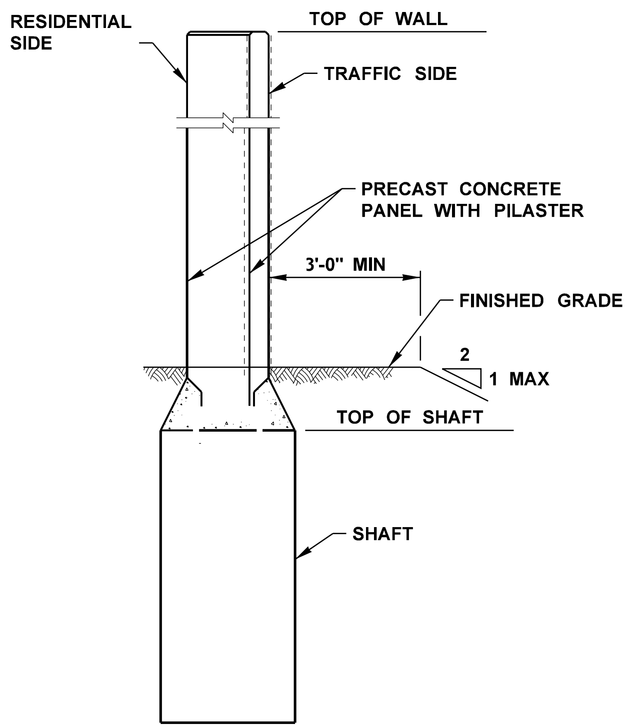
NOISE WALL DETAILS

PLAN REF NO WAD01

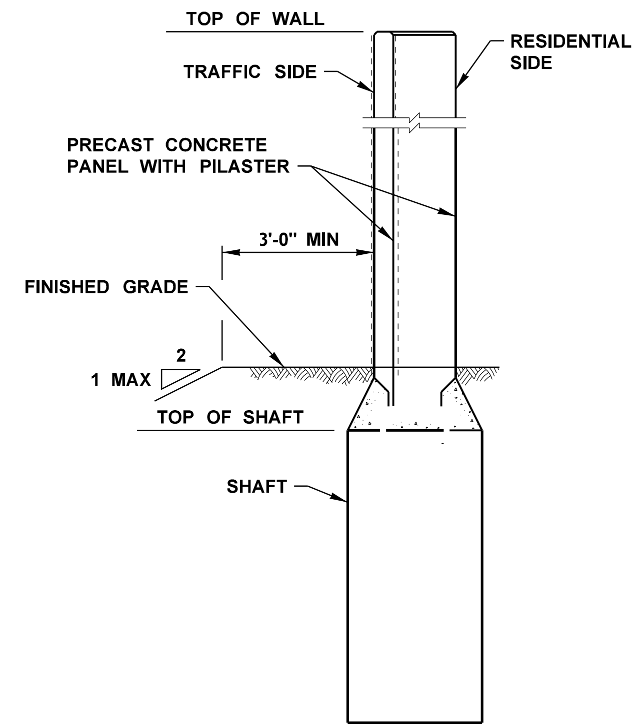
SHEET 85 OF 161 SHEETS

GENERAL NOTES:

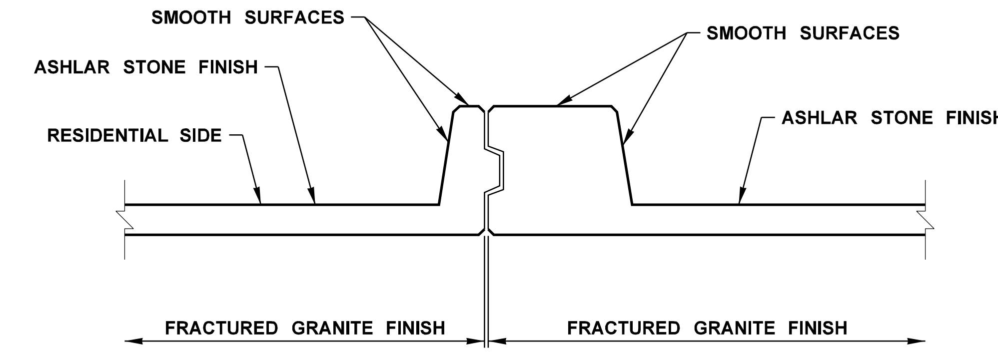
1. ALL NOISE BARRIER WALLS SHALL BE TYPE 11 IN ACCORDANCE WITH STANDARD PLAN D-2.36.03.
2. MT ST HELENS GRAY PIGMENTED SEALER SHALL BE APPLIED TO ALL EXPOSED WALL PANEL AREAS TO A DEPTH 1' BELOW FINISHED GROUND LINE.



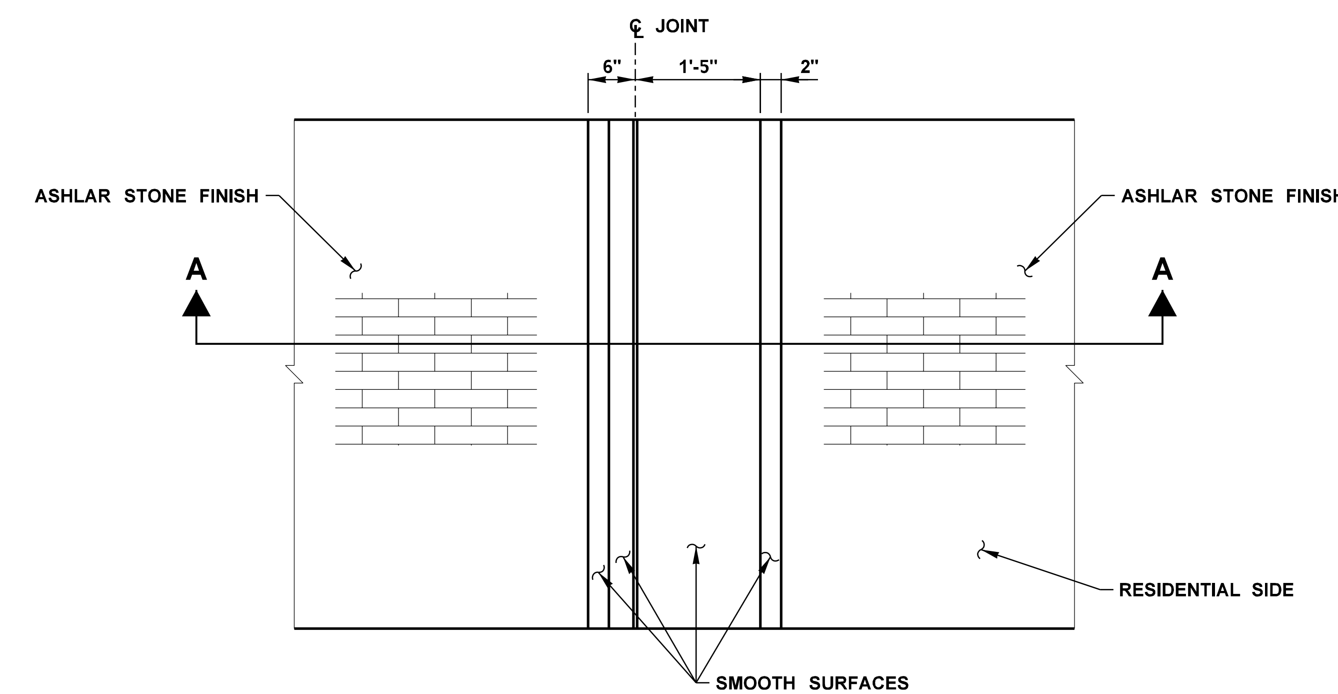
TYPICAL SECTION
NOISE WALL A
NOT TO SCALE



TYPICAL SECTION
NOISE WALL B
NOT TO SCALE



SECTION A-A
NOT TO SCALE



ELEVATION - VIEW AT PILASTER & PANEL JOINT
NOT TO SCALE

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

FILE NAME	c:\pw_working\wastate\parsons_p0009429\dms08768\Stage 2_Y-11834_DE_WAD_02.dgn
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DESIGNED BY	B. HOLMAN
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
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STEPHEN P. BATES — STATE OF WASHINGTON — 43476 — REGISTERED PROFESSIONAL ENGINEER
P.E. STAMP BOX — DATE

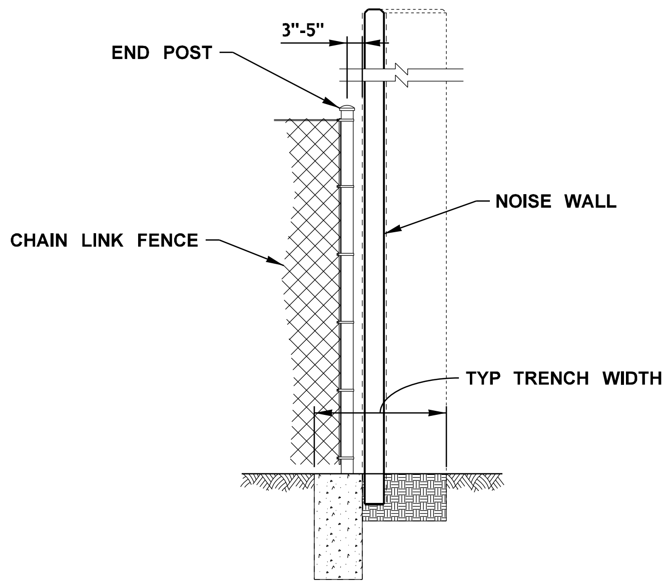
PARSONS

Washington State Department of Transportation

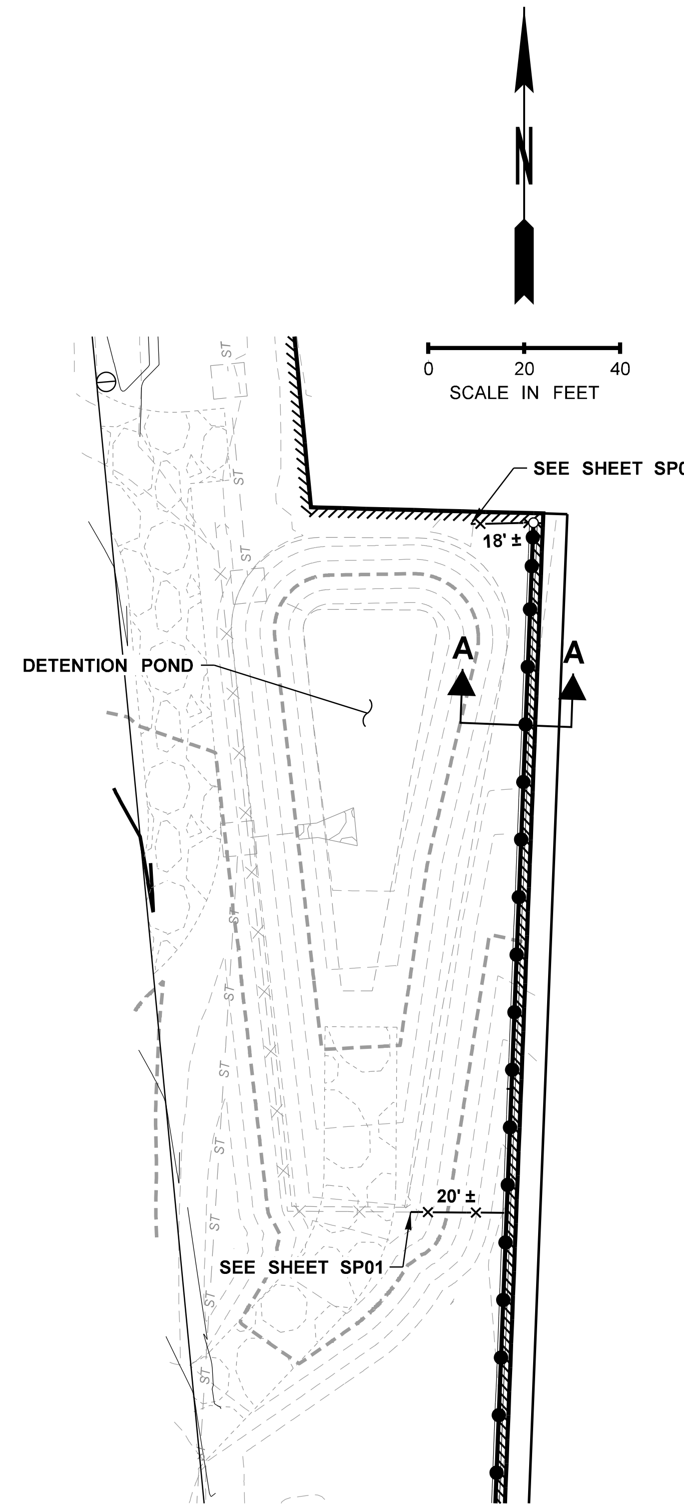
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

NOISE WALL DETAILS

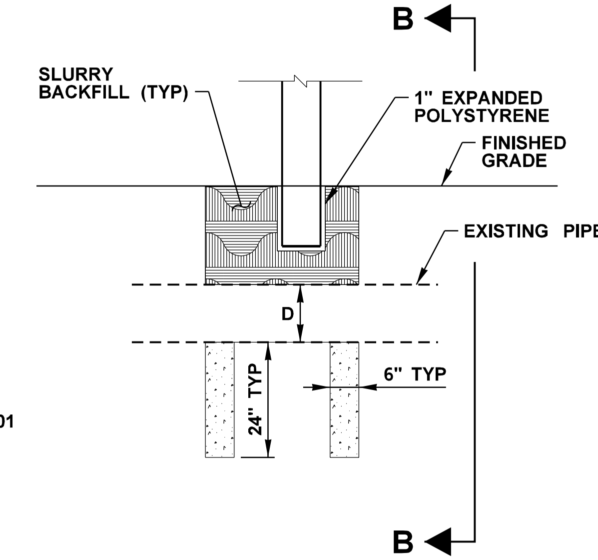
PLAN REF NO WAD02
SHEET 86 OF 161 SHEETS



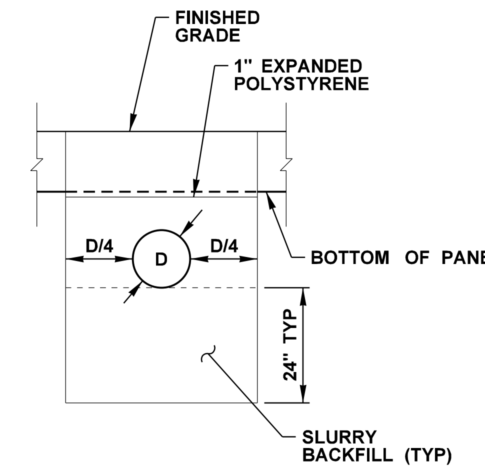
FENCE POST AND WALL DETAIL
NOT TO SCALE



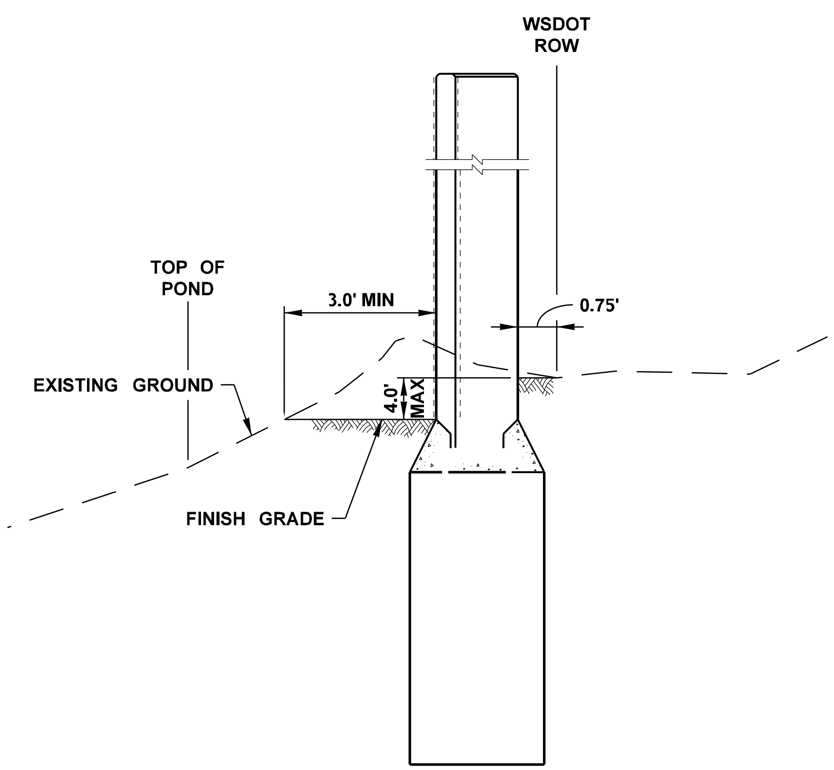
NOISE WALL, POND AND FENCE PLAN VIEW



DRAINAGE WALL DETAIL A
NOT TO SCALE



SECTION B-B



TYPICAL POND GRADING SECTION A-A
NOT TO SCALE

NOTES:

1. FENCE REPLACEMENT SHALL BE CHAIN LINK FENCE TYPE 3 PER STANDARD PLAN L-20.10-03.
2. FENCE POST ABUTTING WALL SHALL BE LOCATED MIDWAY BETWEEN TWO SHAFT LOCATIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.	LOCATION NO.	

STEPHEN P. BATES
STATE OF WASHINGTON
43476
REGISTERED
PROFESSIONAL ENGINEER
P.E. STAMP BOX
DATE

PARSONS

Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

NOISE WALL DETAILS

PLAN REF NO
WAD03

SHEET 87 OF 161 SHEETS

CONSTRUCTION NOTES:

1. INSTALL TYPE 3 ADVANCE LOOPS, INCLUDING CONDUIT STUBOUT.
2. INSTALL TYPE 3 STOP LINE LOOPS, INCLUDING CONDUIT STUBOUT, SEE DETAIL ON SHEET SGDT4.
3. INSTALL BIKE LOOP, SEE DETAIL ON SHEET SGDT4.
4. INSTALL SLIP- RESISTANT TYPE 1 JUNCTION BOX. ADJUST JUNCTION BOX TO BE FLUSH WITH SIDEWALK. PROVIDE 6" CLEARANCE FROM THE TOP OF CONDUIT TO JUNCTION BOX LID.
5. REMOVE LIGHT STANDARD AND FOUNDATION. BACKFILL VOID.
6. REMOVE LIGHT STANDARD AND FOUNDATION AFTER THE CAMERA HAS BEEN MOVED. COORDINATE WITH ITS PLANS FOR CAMERA RELOCATION. BACKFILL VOID.
7. BREAK EXISTING LOOP SPLICES PRIOR TO GRINDING THE PAVEMENT. REMOVE DISCONNECTED LOOP WIRES FROM EXISTING STUBOUT. REMOVE STUBOUT CONDUIT ELBOW FROM JUNCTION BOX AND ABANDON CONDUITS. SPLICE NEW LOOP LEAD-IN(S) TO THE CORRESPONDING NEW 2C(S) CABLES.
8. REMOVE EXISTING JUNCTION BOX AND ABANDON ASSOCIATED CONDUIT.
9. REMOVE EXISTING JUNCTION BOX AND ABANDON ASSOCIATED CONDUITS AFTER THE NEW CONDUCTORS HAVE BEEN ROUTED THROUGH THE NEW CONDUITS PER THE WIRING SCHEDULE ON SHEET SGIL2 AND ALL EXISTING WIRES HAVE BEEN REMOVED TO THE CABINET.
10. REPLACE THE EXISTING TYPE 1 JUNCTION BOX WITH A TYPE 2 JUNCTION BOX. ADJUST THE CONDUITS WITHIN THE JUNCTION BOX AS NEEDED.
11. INSTALL CONDUIT UNDER ROADWAY USING DIRECTIONAL BORE, COORDINATE WITH ITS PLAN TO UTILIZE THE SAME BORE.
12. CONSTRUCT FOUNDATION AND INSTALL CONTRACTING AGENCY SUPPLIED STEEL LIGHT STANDARD IN ACCORDANCE WITH THE STEEL LIGHT STANDARD FOUNDATION WITH INTEGRATED JUNCTION BOX DETAIL ON SHEET SGDT5, LUMINAIRE SCHEDULE ON SHEET SGDT1, AND "CONTRACTING AGENCY-SUPPLIED MATERIALS" SPECIAL PROVISION.
13. INSTALL NEW 60 AMP BREAKER IN THE EXISTING SERVICE CABINET. REMOVE EX SIGNAL BREAKER AFTER SIGNAL TURN ON. SEE BREAKER SCHEDULE ON SHEET SGIL2.
14. COORDINATE OPEN TRENCHING WITH ITS PLAN TO UTILIZE THE SAME TRENCH.
15. INTERCEPT EXISTING CONDUIT. AND ROUTE THE CONDUIT AS SHOWN IN THE PLANS TO THE NEW JUNCTION BOX. MAINTAIN ALL BONDING AND GROUNDING.
16. INSTALL CONTRACTING AGENCY SUPPLIED TYPE 3 SIGNAL POLE NO. 1. INSTALL A TENON ON THE CONTRACTING AGENCY SUPPLIED SIGNAL MAST ARM. INSTALL SIGNAL HEADS AND PRE-EMPTION DETECTION. SEE SIGNAL STANDARD DETAIL CHART AND LUMINAIRE SCHEDULE ON SHEETS SGDT1-SGDT2 AND "CONTRACTING AGENCY-SUPPLIED MATERIALS" SPECIAL PROVISION.
17. INSTALL PEDESTRIAN HEAD CONTROL UNIT IN EACH PEDESTRIAN SIGNAL DISPLAY HOUSING. ROUTE A 4C CABLE BETWEEN EACH PEDESTRIAN SIGNAL HEAD AND THE ASSOCIATED PUSHBUTTON ASSEMBLY. MAKE CONNECTION PER MANUFACTURER'S REQUIREMENTS. SEE SPECIAL PROVISIONS.
18. NOT USED.
19. CONSTRUCT CURB BASE FOUNDATION AND INSTALL TYPE PS SIGNAL STANDARD. INSTALL PED APS PUSHBUTTON STATION(S) WITH SIGN ARROW PARALLEL WITH THE ASSOCIATED CROSSWALK. INSTALL PUSHBUTTON STATION(S) WITH THE CENTER OF PUSHBUTTON 42 INCHES ABOVE SIDEWALK. INSTALL COUNTDOWN PEDESTRIAN DISPLAY(S).
20. FIELD MODIFY EXISTING TYPE 3 SIGNAL POLE NO. 4. INSTALL NEW TENONS ON EXISTING SIGNAL MAST ARM. REMOVE EXISTING SIGNAL HEADS, INSTALL NEW SIGNAL HEADS AT NEW TENON LOCATIONS, AND REMOVE THE EXISTING PEDESTRIAN DISPLAYS. SEE SIGNAL STANDARD DETAIL CHART AND LUMINAIRE SCHEDULE ON SHEETS SGDT1-SGDT2. SEAL BOLT HOLES PER DETAIL ON SHEET SGDT3.
21. REMOVE EXISTING SIGNAL STANDARD AND FOUNDATION AFTER ACTIVATION OF APPLICABLE PERMANENT EQUIPMENT AND CONDUCTORS HAVE BEEN ROUTED THROUGH THE NEW CONDUITS PER THE WIRING SCHEDULE ON SHEET SGIL2. BACKFILL VOID.
22. INSTALL CONTRACTING AGENCY SUPPLIED TYPE 3 SIGNAL POLE NO. 3. INSTALL SIGNAL HEADS AND PRE-EMPTION DETECTION. SEE SIGNAL STANDARD DETAIL CHART AND LUMINAIRE SCHEDULE ON SHEETS SGDT1-SGDT2 AND "CONTRACTING AGENCY-SUPPLIED MATERIALS" SPECIAL PROVISION.
23. INSTALL CONTRACTING AGENCY SUPPLIED TYPE 2 SIGNAL POLE NO. 2. INSTALL SIGNAL HEADS AND PRE-EMPTION DETECTION. SEE SIGNAL STANDARD DETAIL CHART ON SHEET SGDT2 AND "CONTRACTING AGENCY-SUPPLIED MATERIALS" SPECIAL PROVISION.
24. INSTALL UNINTERRUPTIBLE POWER SUPPLY WITH 4 BATTERIES IN ACCORDANCE WITH THE "UNITERRUPTIBLE POWER SUPPLY (UPS)" SPECIAL PROVISION.
25. INSTALL TYPE 332D CABINET PER STD PLAN J-12.16 AND DETAIL ON SHEET TSTD1. RELOCATE EXISTING EQUIPMENT FROM EXISTING CONTROLLER CABINET INTO THE NEW CONTROLLER CABINET. REMOVE EXISTING CABINET AND FOUNDATION ENTIRELY. BACKFILL VOID. COORDINATE EQUIPMENT INSTALLATION WITH ITS PLAN.
26. INSTALL A ONE FOOT WIDE AND ONE FOOT DEEP RECTANGULAR CONCRETE CEMENT COLLAR AROUND PERIMETER OF JUNCTION BOX. THE EXPOSED PORTIONS SHALL BE FORMED TO HAVE A NEAT APPEARANCE. THE OUTSIDE EDGE SHALL HAVE A 3/4 INCH CHAMFER. THE CONCRETE MIXED DESIGN SHALL BE COMMERCIAL CONCRETE PER STANDARD SPECIFICATION 6-02.3(2)B.
27. SPLICE NEW LOOP LEAD-IN(S) TO THE COORESPONDING NEW 2C(S) CABLES.
28. REMOVE EXISTING LIGHT STANDARD FOUNDATION. BACKFILL VOID.
29. CONSTRUCT FOUNDATION AND INSTALL TYPE PS SIGNAL STANDARD. INSTALL PED APS PUSHBUTTON STATION(S) WITH SIGN ARROW PARALLEL WITH THE ASSOCIATED CROSSWALK. INSTALL PUSHBUTTON STATION(S) WITH THE CENTER OF PUSHBUTTON 42 INCHES ABOVE SIDEWALK. INSTALL COUNTDOWN PEDESTRIAN DISPLAY(S).
30. ADJUST EXISTING JUNCTION BOX TO BE LEVEL WITH THE FINAL GRADE.
31. SEE ITS PLAN FOR EQUIPMENT INSTALLATION.

LEGEND

EXISTING | NEW

- TYPE 1 JUNCTION BOX
- TYPE 2 JUNCTION BOX
- TYPE 3 JUNCTION BOX
- TYPE 5 JUNCTION BOX
- TYPE 8 JUNCTION BOX
- PB — PULL BOX
- CONTROLLER CABINET
- ELECTRICAL SERVICE CABINET
- UPS — UNINTERRUPTED POWER SUPPLY
- VIDEO DETECTION CAMERA
- TYPE 3 STOP LINE LOOPS
- TYPE 3 ADVANCE LOOP
- BIKE LOOP
- VEHICLE SIGNAL HEAD
- PPB POST
- APS PUSHBUTTON STATION
- PED PUSHBUTTON ASSEMBLY
- TYPE PS SIGNAL STANDARD
- PEDESTRIAN SIGNAL HEAD
- LIGHT STANDARD
- LIGHT STANDARD FOUNDATION
- TYPE 2 SIGNAL STANDARD
- TYPE 3 SIGNAL STANDARD
- VIDEO DETECTION ZONE
- CONDUIT
- SPAN WIRE
- X — CONSTRUCTION NOTE FLAG
- X — POLE NOTE FLAG
- X — WIRING NOTE FLAG

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PROJ. ENGR.	K. NIDLE			
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX — DATE

DUKE HUU DO — STATE OF WASHINGTON — 31740 — REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX — DATE

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

SIGNAL AND ILLUMINATION PLAN

Plot 1
PLAN REF NO SGIL1
SHEET 86 OF 161 SHEETS

ABBREVIATIONS:

APS	ACCESSIBLE PEDESTRIAN SIGNALS	O	ORANGE
B	BLACK	PED	PEDESTRIAN
C	CONDUCTORS	PPB	PEDESTRIAN PUSHBUTTON
CAB	CABINET	PR	PAIR
COMM	COMMUNICATION	PS	PEDESTRIAN SIGNAL
C(S)	CONDUCTOR SHIELDED	P/V	PEDESTRIAN/ VEHICLE
DET	DETECTOR	R	RED
EVP	EMERGENCY VEHICLE PREEMPTION	SIG	SIGNAL
EX	EXISTING	SP	SPAN WIRE
FT	FEET	SR	STATE ROUTE
G	GREEN	STD	STANDARD
ILL	ILLUMINATION	TEMP	TEMPORARY
JB	JUNCTION BOX	TYP	TYPICAL
MAX	MAXIMUM	VDC	VIDEO DETECTION CAMERA
MIN	MINIMUM	VEH	VEHICLE
NTS	NOT TO SCALE	VDZ	VIDEO DETECTION ZONE
NO	NUMBER	W	WHITE
		W/	WITH

BREAKER SCHEDULE EX SUA 3768
TYPE D SERVICE 120/240V

CIRCUIT	DESCRIPTION	BREAKER RATING	CONTACTOR RATING	VOLTAGE	LOAD (KVA)
---	MAIN	200 AMP	---	---	---
A	LTG 1	30 AMP	30 AMP	240	1.2
B	009es01532	20 AMP	20 AMP	120	0.252
C	009es01555	20 AMP	20 AMP	120	0.252
D	CONTROL	15 AMP	N/A	120	1.0
E	NEW SIGNAL	60 AMP	N/A	120	2.4
F	GFCI	20 AMP	N/A	120	1.8
G	HEAT STRIP	15 AMP	N/A	120	0.1
H	PHOTOCELL	15 AMP	N/A	120	0.001
BUSSWORK SHALL BE RATED AT 250 AMP MINIMUM			PEAK		7.0
			CONTINUOUS		3.6

ALL BREAKERS ARE EXISTING UNLESS DESCRIBED OTHERWISE

WIRING SCHEDULE EX SERVICE NO. SAC 3768

△ NO.	CONDUIT SIZE	P / V DETECT 2C(S)	APS 4C	E. V. DETECT 3C(S)	P / V HEAD 5C	PED HEADS 7C	VEH HEAD 10C	ILLUM #8	POWER	COMM CABLE	COMMENTS
1	EX 1 ½"	2									
2	EX 1 ½"	5									
3	2"	8									
4	1 ¼"	2									
5	EX 2"		2	1		1	1	2			
6	2"		2	1		1	1	2			
7	3"										SPARE
	3"	10		1		1	1				
	2"							2			
8	2"	2									
9	2"	6									
10	2"	2			2						
11	2"			1			1	2			
12	3"										SPARE
	3"	18									
	3"			2	2	1	2				
	2"							2			
13	2"	5									
14	2"										SPARE
	2"							2			
15	1"							2-#10			
16	2"							2			
17	2"	1			1						
18	2"	5			2						
19	EX 1 ½"							EX 2			
20	1 ½"							EX 2			
21	2"			1			1	2			
22	3"										SPARE
	3"	5		1	2		1				
	2"							2			
23	2"							2			
24	2"								2 #6		
25	2"			1			1				
26	2 ½"	2		1	2		1				
27	2"										SPARE
	4"	34									
	4"			4	6	1	4				
28	2"									CAT 6	
29	2"							2, EX 2			
30	EX 2"							EX 2	4 #8, EX 2 #6		
31	2"								EX 2 #6		
32	2"							EX 2	4 #8, EX 2 #6		

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REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO.

DATE
P.E. STAMP BOX

DUKE HUU DO
STATE OF WASHINGTON
31740
REGISTERED
PROFESSIONAL ENGINEER

DATE
P.E. STAMP BOX

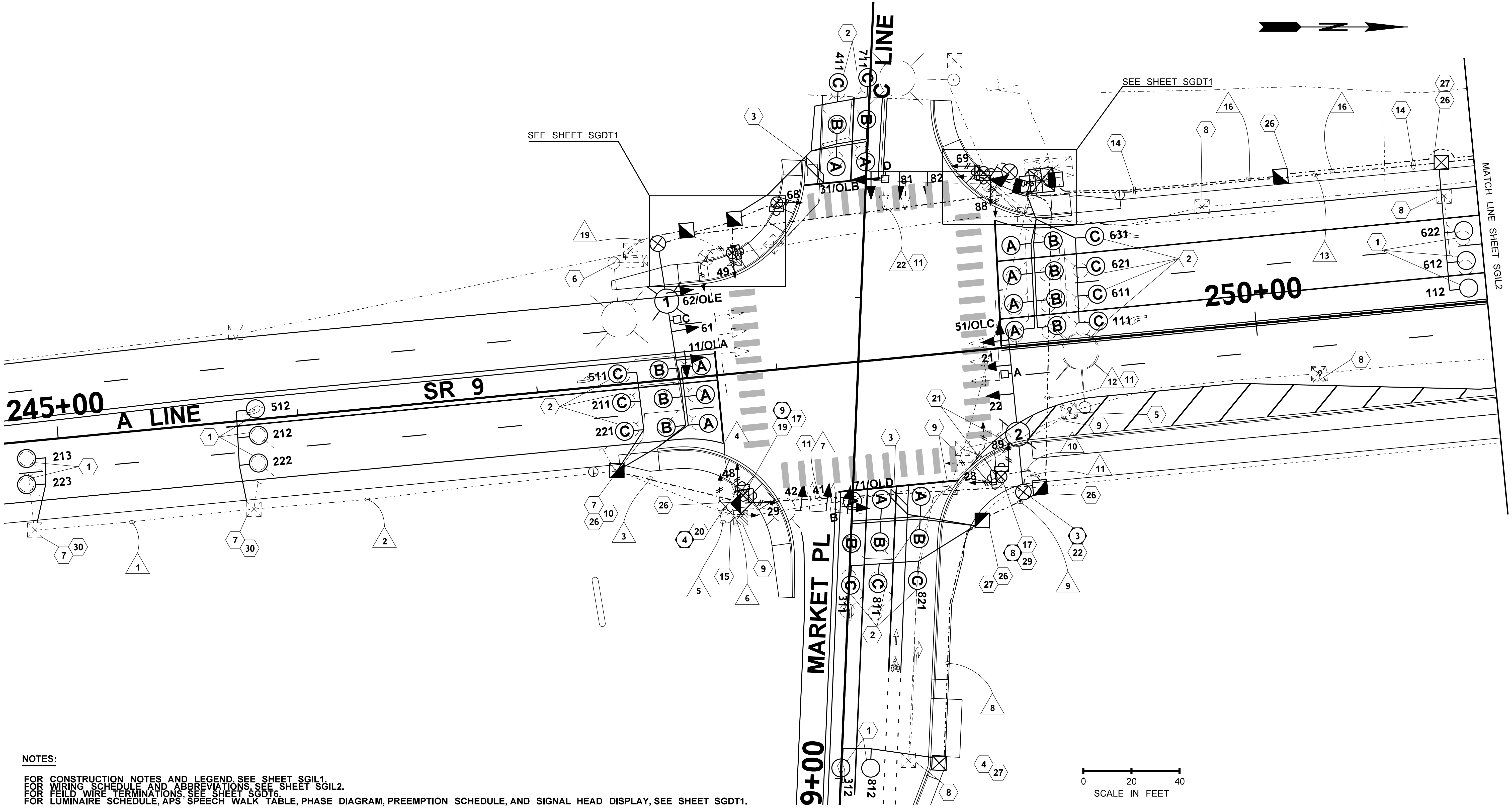
Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

SIGNAL AND ILLUMINATION PLAN

PLAN REF NO
SGIL2

SHEET
87
OF
161
SHEETS



NOTES:

FOR CONSTRUCTION NOTES AND LEGEND, SEE SHEET SGIL1.
FOR WIRING SCHEDULE AND ABBREVIATIONS, SEE SHEET SGIL2.
FOR FEILD WIRE TERMINATIONS, SEE SHEET SGDT6.
FOR LUMINAIRE SCHEDULE, APS SPEECH WALK TABLE, PHASE DIAGRAM, PREEMPTION SCHEDULE, AND SIGNAL HEAD DISPLAY, SEE SHEET SGDT1.

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10	WASH	

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31740
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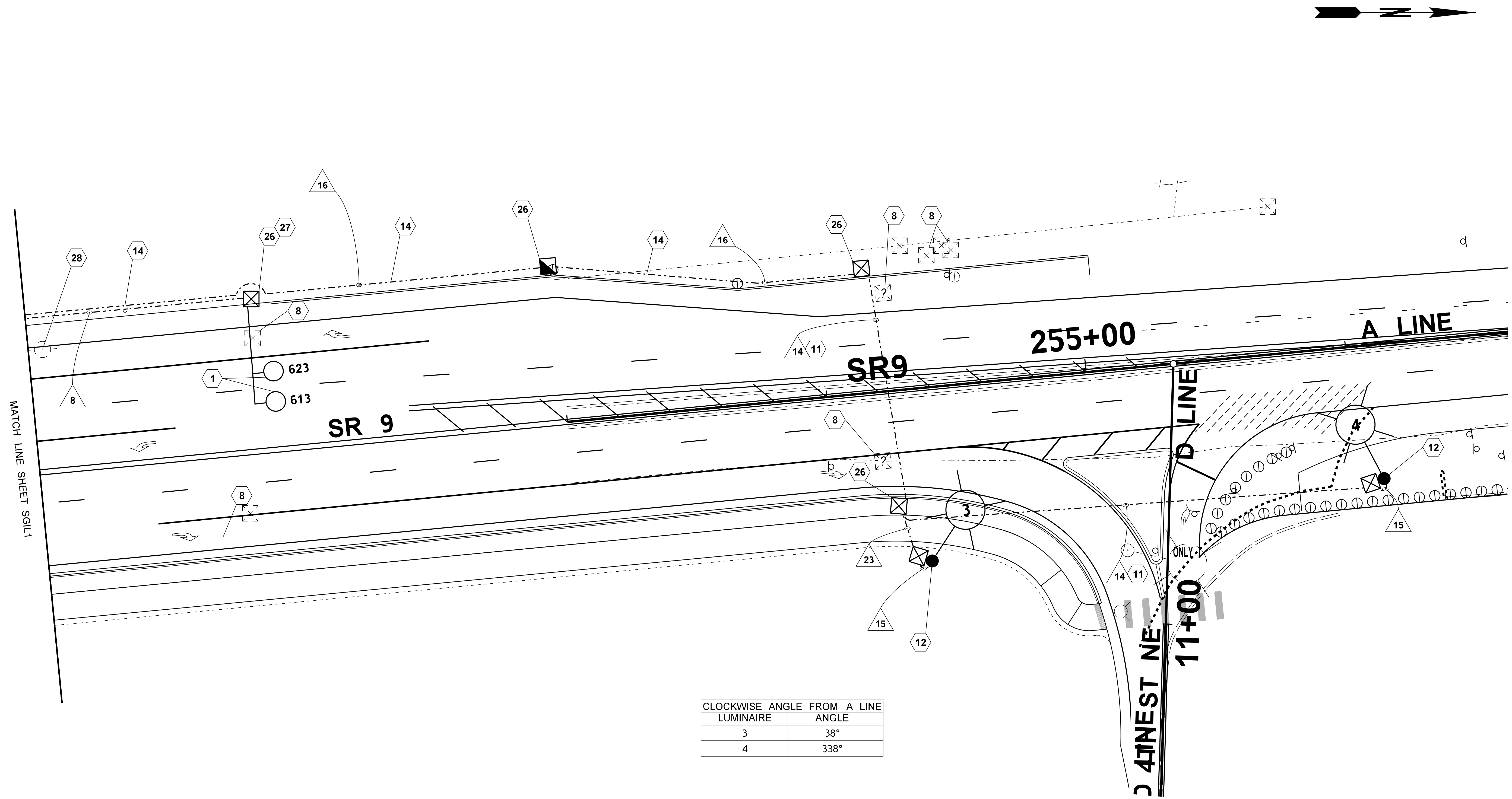
Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

SIGNAL AND ILLUMINATION PLAN

Plot 3
PLAN REF NO
SGIL3

SHEET
88
OF
161
SHEETS



CLOCKWISE ANGLE FROM A LINE	
LUMINAIRE	ANGLE
3	38°
4	338°

NOTES:

FOR CONSTRUCTION NOTES AND LEGEND, SEE SHEET SGIL1.
FOR WIRING SCHEDULE AND ABBREVIATIONS, SEE SHEET SGIL2.
FOR LUMINAIRE SCHEDULE, SEE SHEET SGDT1.

0 20 40
SCALE IN FEET

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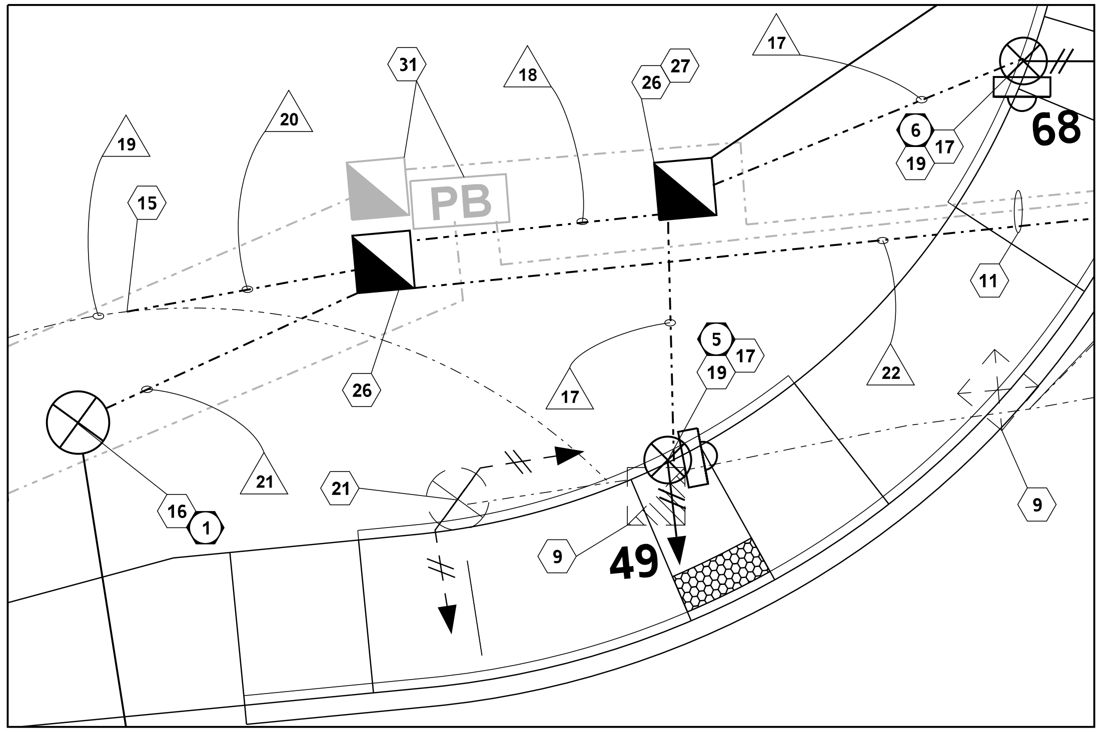
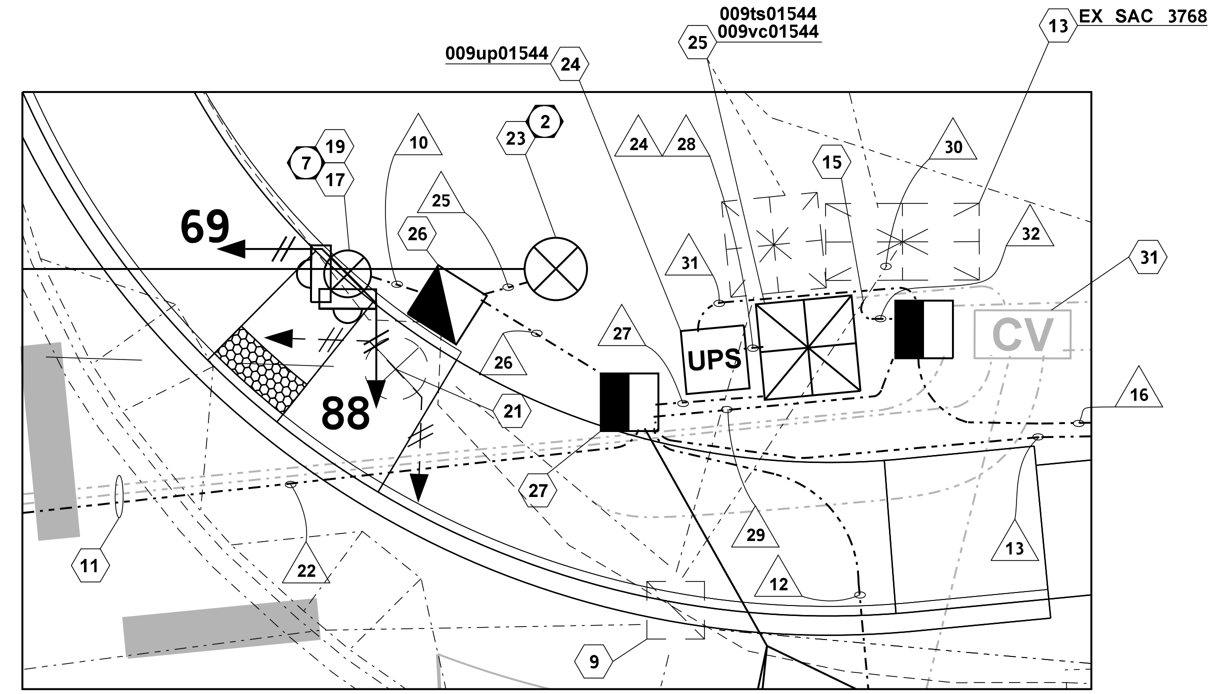
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

SIGNAL AND ILLUMINATION PLAN

Plot 4
PLAN REF NO
SGIL4
SHEET
89
OF
161
SHEETS



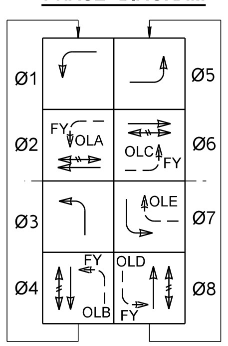
SW CORNER



NW CORNER

LUMINAIRE SCHEDULE								EX SERVICE NO. SAC 3768
LUMINAIRE NUMBER	CIRCUIT	LOCATION STATION	LOCATION OFFSET	TYPE - DISTRIBUTION - WATTAGE	MAST ARM	H1	BASE TYPE	COMMENTS
1	A	247+66	56.9 LT	310 W EQUIVALLENT LED	16	50	SIGNAL	
2	A	248+97	59.2 RT	310 W EQUIVALLENT LED	16	50	SIGNAL	
3	A	254+34	66.5 RT	310 W EQUIVALLENT LED	16	50	SLIP	FOUNDATION TYPE A
4	A	256+10	51.6 RT	310 W EQUIVALLENT LED	16	50	SLIP	FOUNDATION TYPE A

PHASE DIAGRAM

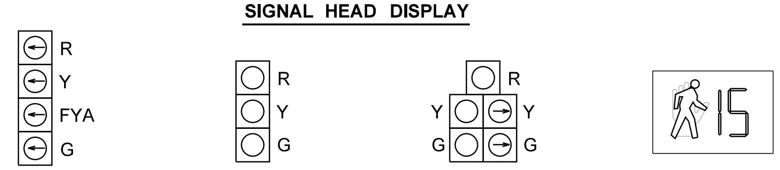


VEHICLE MOVEMENT
PED MOVEMENT

PREEMPTION SCHEDULE

CIRCUIT	PHASE(S)
A	2 & 5
B (EX)	4 & 7
C	6 & 1
D	8 & 3

SIGNAL HEAD DISPLAY



NEW VEHICLE SIGNAL HEADS 11/OLA, 31/OLB 51/OLC, 71/OLD

NEW VEHICLE SIGNAL HEADS 21, 22, 41, 42, 61, 81, 82

NEW VEHICLE SIGNAL HEAD 62/OLE

NEW PEDESTRIAN SIGNAL HEADS 28, 29, 48, 49, 68, 69, 88, 89

APS SPEECH WALK TABLE	
PEDESTRIAN SIGNAL NO.	SPEECH WALK MESSAGE
28-29	MARKET PLACE
	WALK SIGN IS ON TO CROSS MARKET PLACE
48-49	HIGHWAY NINE
	WALK SIGN IS ON TO CROSS HIGHWAY NINE
68-69	MARKET PLACE
	WALK SIGN IS ON TO CROSS MARKET PLACE
88-89	HIGHWAY NINE
	WALK SIGN IS ON TO CROSS HIGHWAY NINE

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SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

SIGNAL AND ILLUMINATION DETAILS

Plot 11
PLAN REF NO SGDT1
SHEET 90 OF 161 SHEETS

LEGEND

a.	VEHICLE DISPLAY	f.	LUMINAIRE
b.	MAST ARM MTD. SIGN	g.	PEDESTRIAN DISPLAY
c.	STREET NAME SIGN	h.	TERMINAL CABINET
d.	PRE-EMPT DETECTOR	i.	APS PPB-M
e.	POST MTD. SIGN	j.	HANDHOLE

SIGNAL STANDARD IDENTIFICATION TAG DETAIL

TAG		EXAMPLE
STD. NO. XX	SIGNAL STANDARD NO.	STD. NO. 02
SRXXX, MP XXX.XX	STATE ROUTE AND MILE POST NO.	SR97, MP 069.09
MANUFACTURER APPROVED DWG. XXXXXX	APPROVED DRAWING NO.	MANUFACTURER APPROVED DWG. AB12345
FAB. X/XX/XXXX	FABRICATION DATE	FAB. 6/14/2002

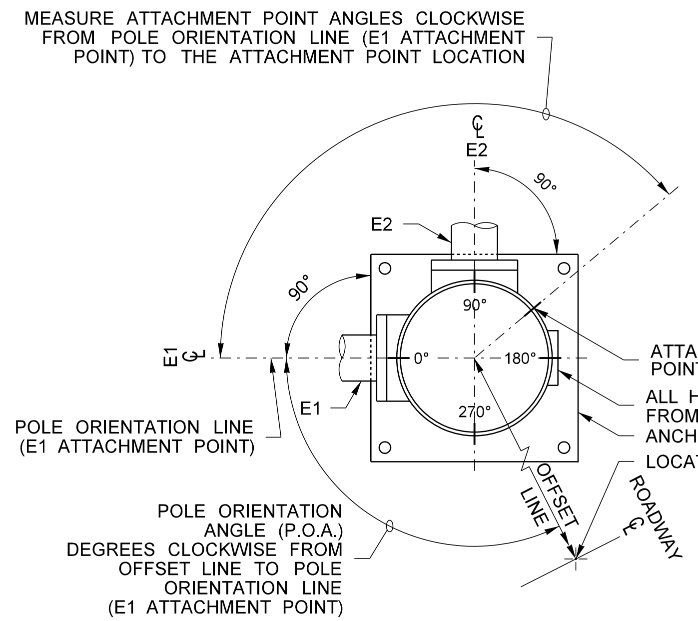
EXAMPLE

TAG NOTES:
CORROSION RESISTANT METAL TAG SECURED WITH (2) 0.125" RIVETS AS FOLLOWS:
- POLE SHAFT - LOCATED WITHIN 6" ABOVE HAND HOLE (TYPE II & III).
- SIGNAL AND LUMINAIRE MAST ARM (TYPE II & III) - LOCATED WITHIN 6" OF THE LUMINAIRE ARM AND THE POLE SHAFT CONNECTION POINT (TYPE III).

TEXT SHALL BE A MINIMUM OF 3/16" HIGH, STAMPED OR EMBOSSED.

LUMINAIRE MAST ARM X Y Z (ft^3)	
MAST ARM LENGTH	X Y Z (ft^3)
6'	19.8
8'	26.4
10'	33.0
12'	39.6
14'	46.2
16'	52.8

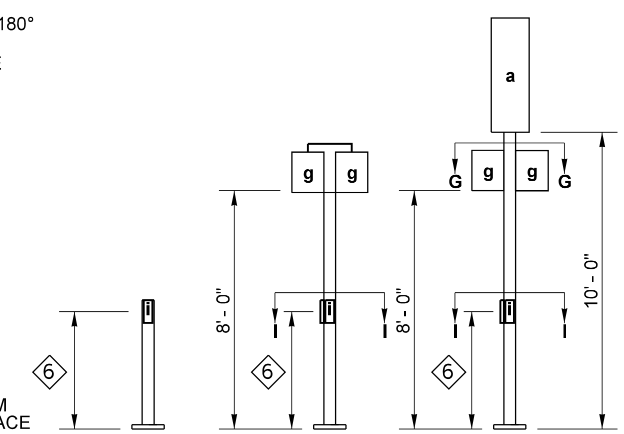
STANDARD TYPE		STANDARD PLAN REFERENCES			
		POLE	FOUNDATION		ELECTRICAL
			STANDARD	CURB	
PPB	FIXED	J-20.10	J-20.10	J-20.11	J-20.10
PPB	BREAKAWAY	J-20.15	J-20.15	J-20.11	J-20.15
PS		J-20.16	J-21.10	J-20.11	J-20.20
I		J-21.15	J-21.10	J-20.11	J-21.20
II, III, SD		N/A	J-26.10, J-26.15	N/A	N/A



POLE ORIENTATION AND ATTACHMENT POINT DETAIL

NOTE:
TYPE E MOUNTS SHALL BE USED FOR PEDESTRIAN DISPLAYS ON TYPE II OR III SIGNAL STANDARDS, WITH THE FOLLOWING EXCEPTION: PEDESTRIAN DISPLAYS MOUNTED ON OCTAGONAL (8 SIDED) SIGNAL STANDARDS AT AN ANGLE OTHER THAN A 45 DEGREE INCREMENT SHALL USE A TYPE A MOUNT FOR TWO PEDESTRIAN DISPLAYS, OR A TYPE B MOUNT FOR A SINGLE PEDESTRIAN DISPLAY.

(6) 3' - 6" MEASURED FROM SIDEWALK SURFACE TO CENTER OF PEDESTRIAN PUSH BUTTON



TYPE PPB
PPB POST

TYPE PS
PED. HEAD
STANDARD

TYPE I
VEHICLE HEAD
STANDARD

NOTES

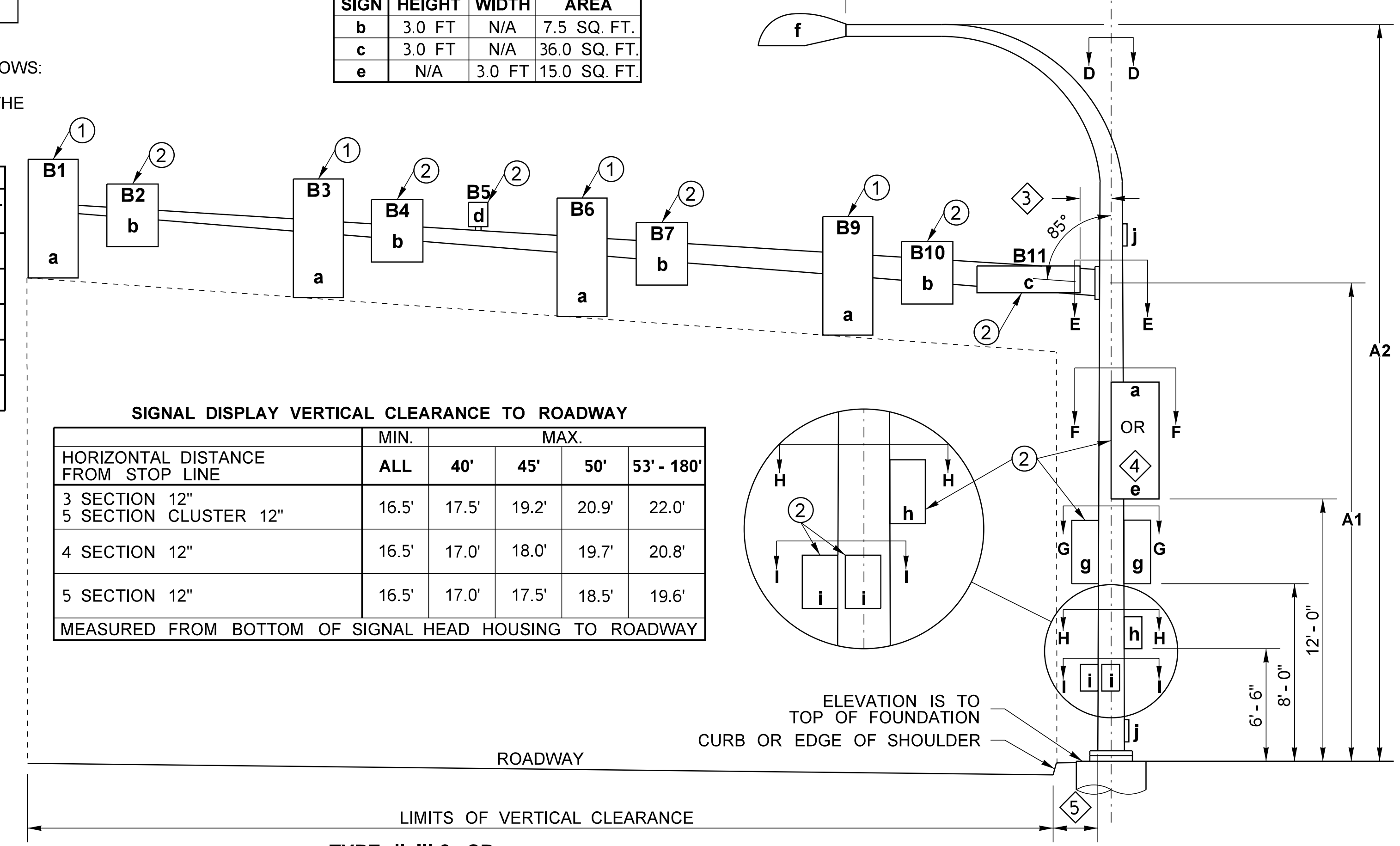
(1) MOUNTING COUPLING INSTALLED AT OFFSET DISTANCE INDICATED IN CHART. FOR TYPE N MOUNTS ONLY, DRILL 1" DIA. HOLE IN MAST ARM AND INSTALL PLASTIC SPLIT BUSHING FOR CABLE ENTRANCE.

(2) FIELD INSTALLED. SIGN SIZES SHALL NOT EXCEED THE MAXIMUM VALUES LISTED HERE:

SIGN	HEIGHT	WIDTH	AREA
b	3.0 FT	N/A	7.5 SQ. FT.
c	3.0 FT	N/A	36.0 SQ. FT.
e	N/A	3.0 FT	15.0 SQ. FT.

(3) 1' - 0" MIN. TO 2' - 6" MAX. FROM POLE CENTERLINE TO SIGN EDGE

(4) FOR POST MOUNTED SIGNS THERE SHALL BE 2' - 0" MIN. FROM THE FACE OF THE CURB OR THE EDGE OF THE SHOULDER TO THE EDGE OF THE SIGN



SIGNAL DISPLAY VERTICAL CLEARANCE TO ROADWAY

	MIN.	MAX.			
HORIZONTAL DISTANCE FROM STOP LINE	ALL	40'	45'	50'	53' - 180'
3 SECTION 12" 5 SECTION CLUSTER 12"	16.5'	17.5'	19.2'	20.9'	22.0'
4 SECTION 12"	16.5'	17.0'	18.0'	19.7'	20.8'
5 SECTION 12"	16.5'	17.0'	17.5'	18.5'	19.6'
MEASURED FROM BOTTOM OF SIGNAL HEAD HOUSING TO ROADWAY					

TYPE II, III & SD
SIGNAL STANDARD

(7) DMS OR VMS IS NOT ALLOWED ON THESE POLES.

(5) PLACEMENT SHALL BE 2' - 0" MIN. FROM FACE OF CURB OR EDGE OF SHOULDER; 3' - 0" MIN. FROM FACE OF GUARDRAIL; 4' - 0" MIN. FROM CONC. BARRIER TYPE 2 (MEASURED FROM A POINT WHERE THE BARRIER BASE MEETS THE SHOULDER SURFACE (TOE). MEASUREMENT TAKEN FROM TRAFFIC SIDE OF BARRIER; TO FACE OF POLE)

SIGNAL STANDARD DETAIL CHART

STD. No.	SR No.	SR MILE POST	FIELD LOCATION						POLE TYPE	MOUNTING HEIGHT (FT)		SIGNAL MAST ARM DATA: OFFSETS (FT) (Z) (POLE ℄ TO ATTACHMENT POINT)											WINDLOAD AREAS (FT^2) (X)(Y)										
			STATION	OFFSET	LT.	RT.	ELEV.*	P.O.A.		A1	A2	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
1	9	15.41	247+66	56.9	X				3	18.0	50.0	49		37		32	21					5	12.3		9.2			18					7.3
2	9	15.44	249+04	72.5	X				2	18.5		58		46		52	34					4.5	12.3		9.2			9.2					5.3
3	9	15.44	248+97	59.2		X			3	18.0	50.0	64		53		50	41					5	12.3		9.2			9.2					7.3
4	9	15.41	EX	EX		X			EX	EX	EX	50		42		EX	31					4.5	12.3		9.2			9.2					5.3
5	9	15.41	247+86	50.1	X				PS																								
6	9	15.42	248+07	68.9	X				PS																								
7	9	15.44	248+93	73.4	X				PS																								
8	9	15.44	248+91	53.3		X			PS																								
9	9	15.41	247+82	50.0		X			PS																								

STD. No.	LUMINAIRE ARM (FT)	CALCULATED POLE XYZ (FT^3)	POLE ATTACHMENT POINT ANGLES (deg.)									FOUNDATION DESIGN XYZ (FT^3)	SOIL BEARING PRESSURE (PSF)	FOUNDATION DEPTH (FT): ALTERNATE 1			ALTERNATE 2		REMARKS
	C	**	D	E1	E2	F	G1	G2	H	I1	I2			3' RD.	3' SQ.	4' RD.	3' RD.	4' RD.	
1	16	1348										1848	1000	15	10	10	20	13	***
2		1773										2273	1000	18	11	11	25	14	***
3	16	1689										2189	1000	18	11	11	25	14	***
4	EX	1311																	
5																			
6																			
7																			
8																			
9																			

* ELEVATION IS TO TOP OF FOUNDATION. FIELD VERIFY ELEVATION PRIOR TO ORDERING SIGNAL STANDARDS.

** CALCULATED POLE XYZ (FT^3) IS THE SUM OF THE TOTAL XYZ (FT^3) FOR THE SIGNAL ARM AND THE XYZ (FT^3) FOR THE LUMINAIRE ARM (IF PRESENT).

*** CONTRACTING AGENCY SUPPLIED POLE. SEE SPECIAL PROVISION "CONTRACTING AGENCY-SUPPLIED MATERIALS"

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Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

SIGNAL AND ILLUMINATION DETAILS

Plot 12
PLAN REF NO
SGDT2

SHEET
91
OF
161
SHEETS

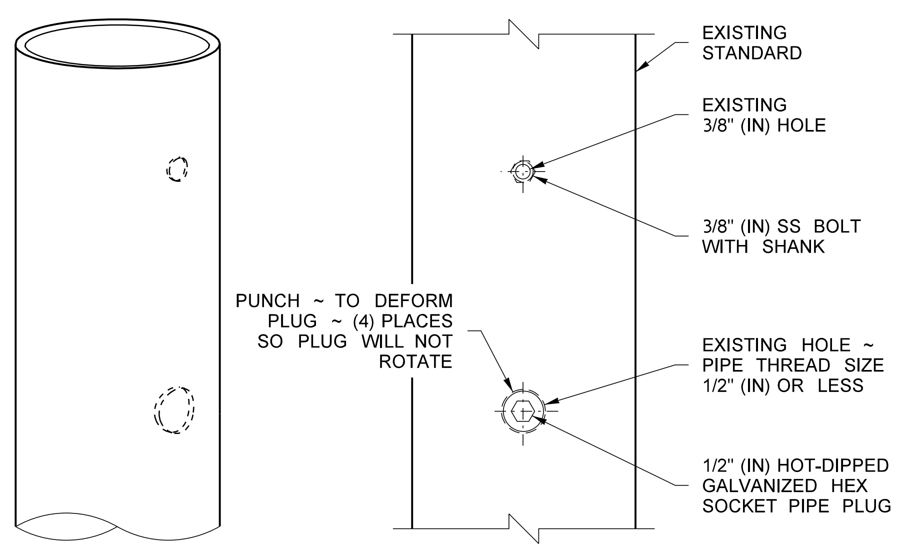
REPAIR PROCEDURE - BOLT HOLE SIZE 1/2" (IN) DIAMETER OR LESS ~ PIPE TRADE SIZE 1/2" (IN) OR LESS

FOR UNC OR UNF THREADS:

- APPLY SILICONE CAULK TO THREADS OF SS BOLT WITH SHANK.
- TIGHTEN SS BOLT UNTIL SHANK IS TIGHT AGAINST STANDARD.
- CUT OFF SS BOLT EVEN WITH STANDARD.
- FILE SS BOLT TO MATCH CONTOUR OF STANDARD.
- TREAT SS BOLT AND SURROUNDING POLE WITH GALVANIZING REPAIR PAINT MEETING THE REQUIREMENT OF **STANDARD SPECIFICATION 9-08.1(2)**.
- APPLY TWO COATS. PAINT SHALL BE DRY BEFORE APPLYING SECOND COAT.

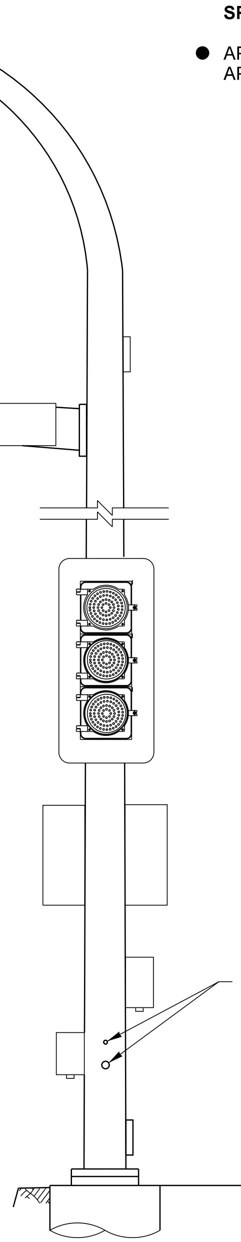
FOR NATIONAL PIPE THREADS:

- APPLY SILICONE CAULK TO THREADS OF HOT-DIPPED GALVANIZED HEX SOCKET PIPE PLUG.
- TIGHTEN PLUG UNTIL FLUSH WITH STANDARD.
- FILE PLUG TO MATCH CONTOUR OF STANDARD.
- FILL HEX SOCKET WITH PAINTABLE SILICONE CAULK.
- TREAT PLUG AND SURROUNDING POLE WITH GALVANIZING REPAIR PAINT MEETING THE REQUIREMENT OF **STANDARD SPECIFICATION 9-08.1(2)**.
- APPLY TWO COATS. PAINT SHALL BE DRY BEFORE APPLYING SECOND COAT.



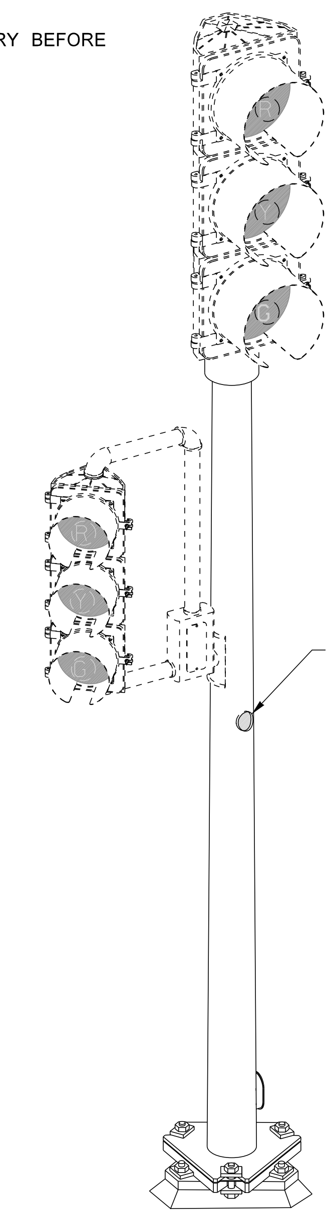
HOLE REPAIR DETAIL

EXAMPLE OF REPAIR FROM PPB LOCATION ~ 1/2" (IN) DIAMETER AND 3/8" (IN) DIAMETER HOLES SHOWN



ELEVATION

(TYPE III SIGNAL STANDARD SHOWN)

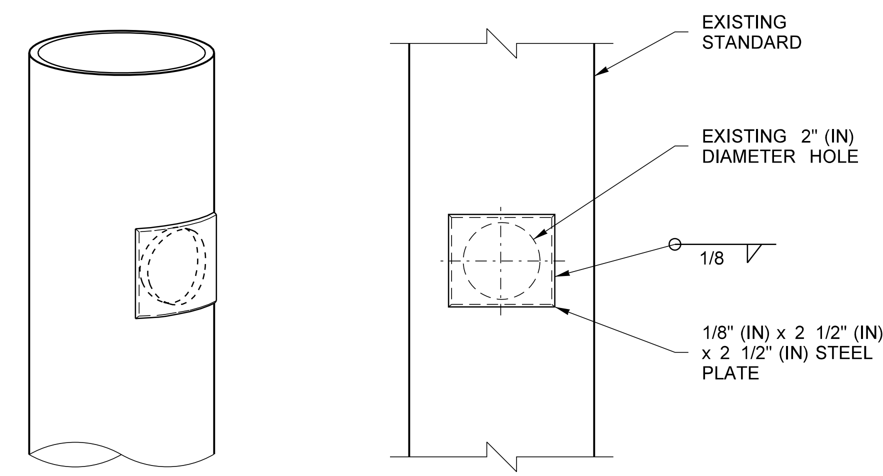


PERSPECTIVE VIEW

(RAMP METER SIGNAL STANDARD WITH SLIP BASE SHOWN)

REPAIR PROCEDURE - MAXIMUM HOLE SIZE 3" (IN) DIAMETER OR LESS

- SUBMITTAL PER **STANDARD SPECIFICATION 6-03.3(25)**.
- MAXIMUM HOLE SIZE 3" (IN) OR LESS IN DIAMETER.
- 1/8" (IN) STEEL PLATE - TYPE ASTM A - 36 ELECTRODE TYPE XX-70.
- THE PLATE SHALL BE 1/2" (IN) LARGER THAN THE DIAMETER OF THE HOLE TO BE REPAIRED (1/4" (IN) OVERLAP ALL SIDES).
- TACK WELD PLATE TO POLE.
- SHAPE PLATE TO MATCH TAPER AND CURVE OF POLE.
- 1/8" (IN) FILLET WELD ALL AROUND.
- CHAMFER (GRIND) EDGE OF PLATE SMOOTH. REMOVE ALL BURRS AND SHARP EDGES.
- TREAT PATCH PLATE AND SURROUNDING POLE WITH GALVANIZING REPAIR PAINT MEETING THE REQUIREMENT OF **STANDARD SPECIFICATION 9-08.1(2)**.
- APPLY TWO COATS. PAINT SHALL BE DRY PRIOR TO APPLYING SECOND COAT.



HOLE REPAIR DETAIL

EXAMPLE WITH 2" (IN) DIAMETER HOLE SHOWN

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JOB NUMBER

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P.E. STAMP BOX | DATE

DUKE HUU DO | STATE OF WASHINGTON | 31740 | REGISTERED | PROFESSIONAL ENGINEER

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Washington State Department of Transportation

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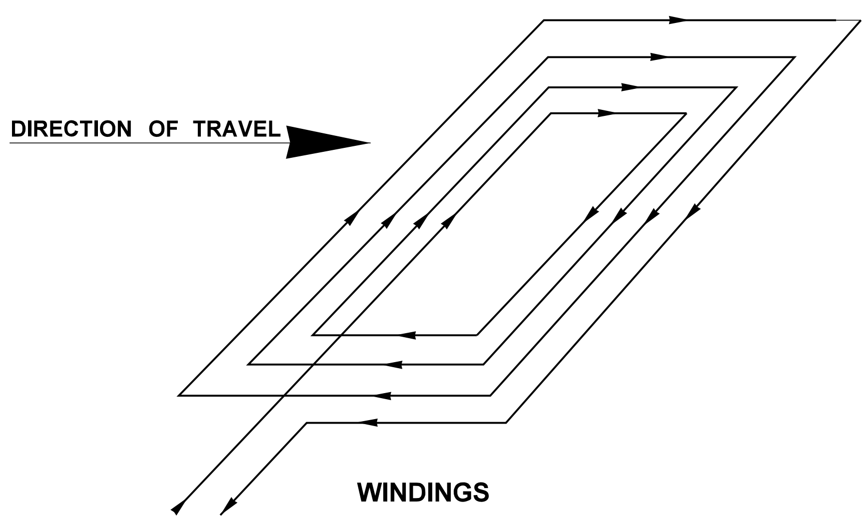
SIGNAL AND ILLUMINATION DETAILS

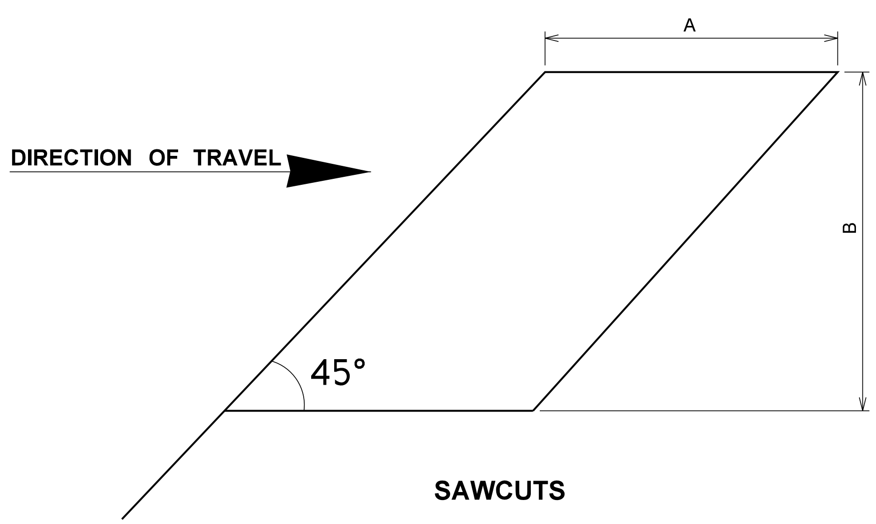
Plot 13
PLAN REF NO SGDT3
SHEET 92 OF 161 SHEETS

DIMENSION NOTES:

A = 42"
B = L + 2'
L = LANE WIDTH
*EXTEND B 2 FT INTO ADJACENT SAME DIRECTION LANE

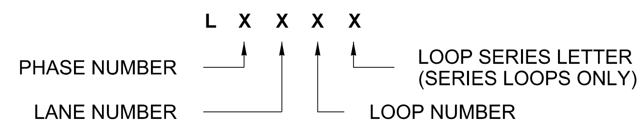


WINDINGS

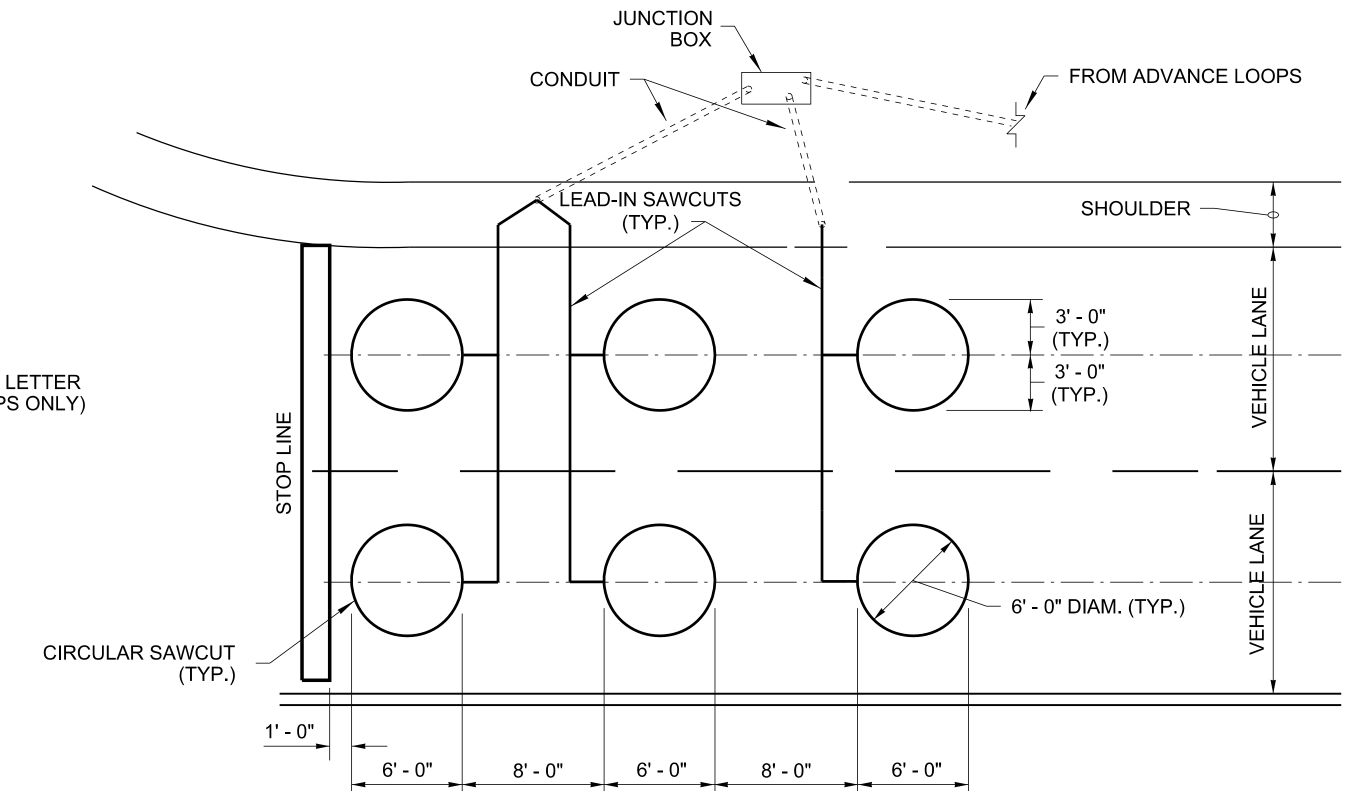


SAWCUTS

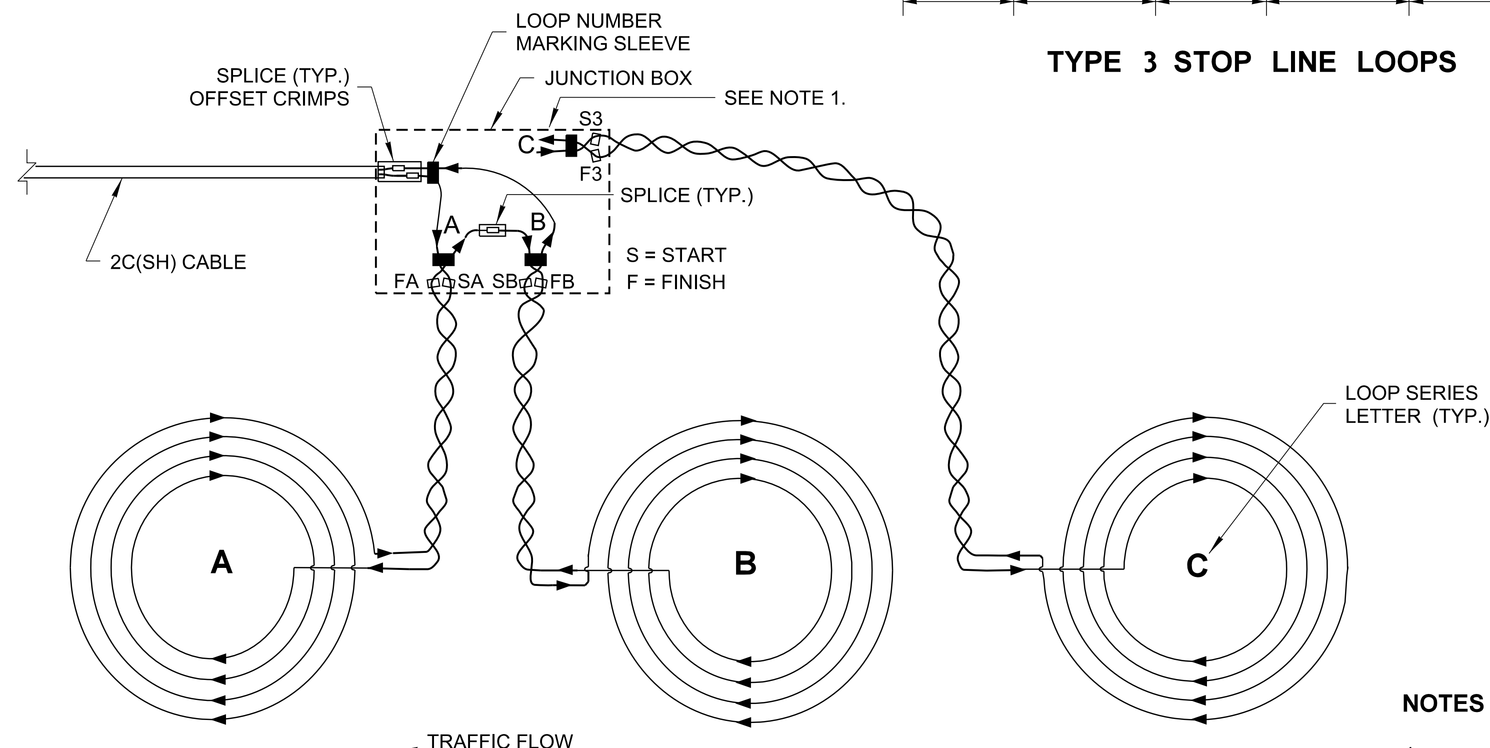
BIKE LOOP DETAIL
N.T.S.



LOOP NUMBER MARKING DETAIL



TYPE 3 STOP LINE LOOPS



TYPE 3 STOP LINE LOOP WIRING DIAGRAM

SERIES SPLICE SHOWN

TYPE 3 STOP LINE LOOP DETAILS
N.T.S.

NOTES

1 CONTRACTOR SHALL SEAL, LABEL AND STORE THE WIRES FOR LOOP C IN THE JUNCTION BOX FOR FUTURE USE.

2 FOR ALL OTHER DETAILS, SEE STANDARD PLAN J-50.12.

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SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

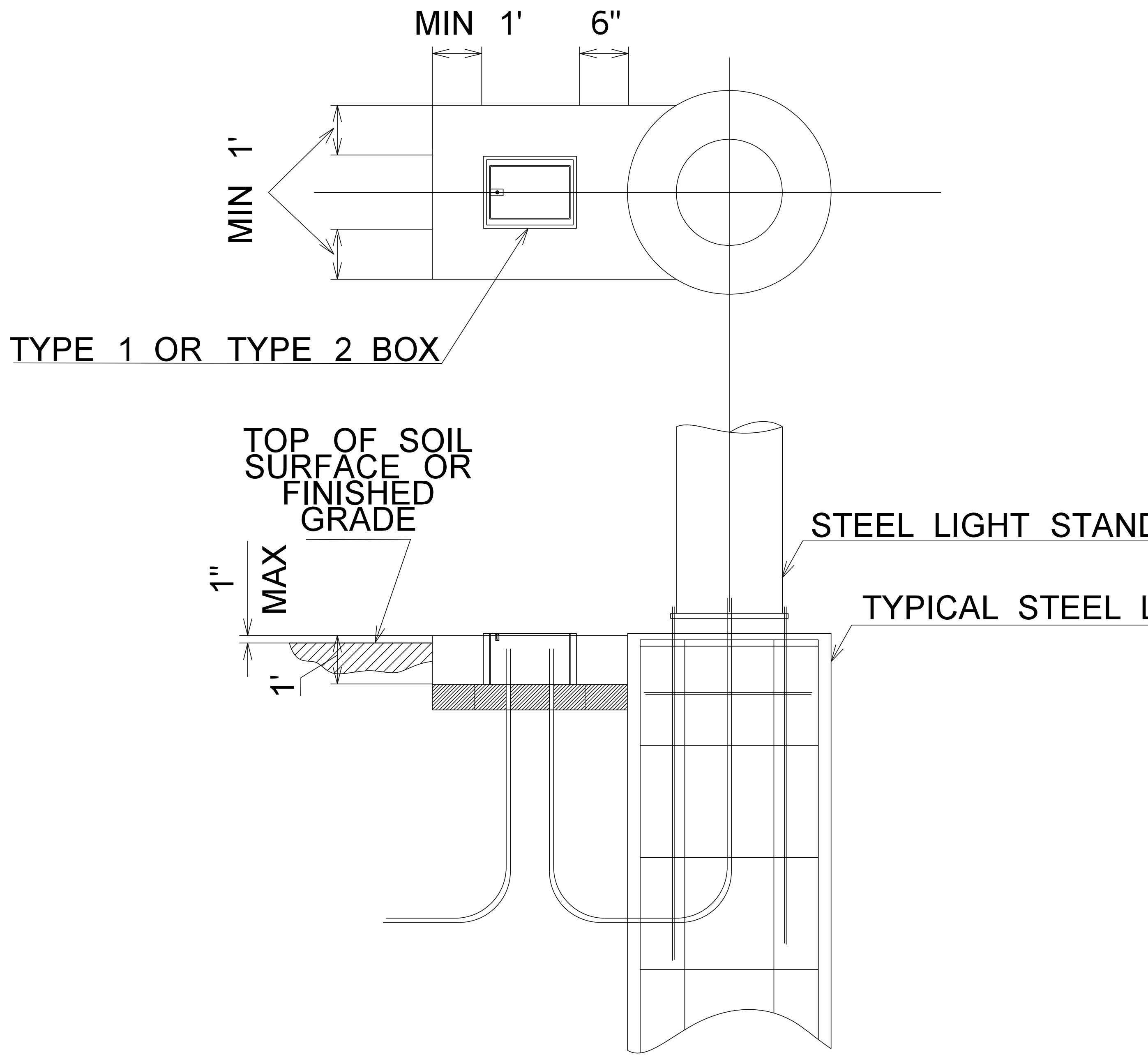
SIGNAL AND ILLUMINATION DETAILS

PLAN REF NO
SGDT4

SHEET
93
OF
161
SHEETS

NOTES:

1) See Standard Plan J-28.30 for foundation details.
2) See Standard Plan J-40.10 for all other junction box details.
3) Conduit and wiring shall be as shown on the plan sheets.



STEEL LIGHT STANDARD FOUNDATION WITH INTEGRATED JUNCTION BOX DETAIL

(NOT TO SCALE)

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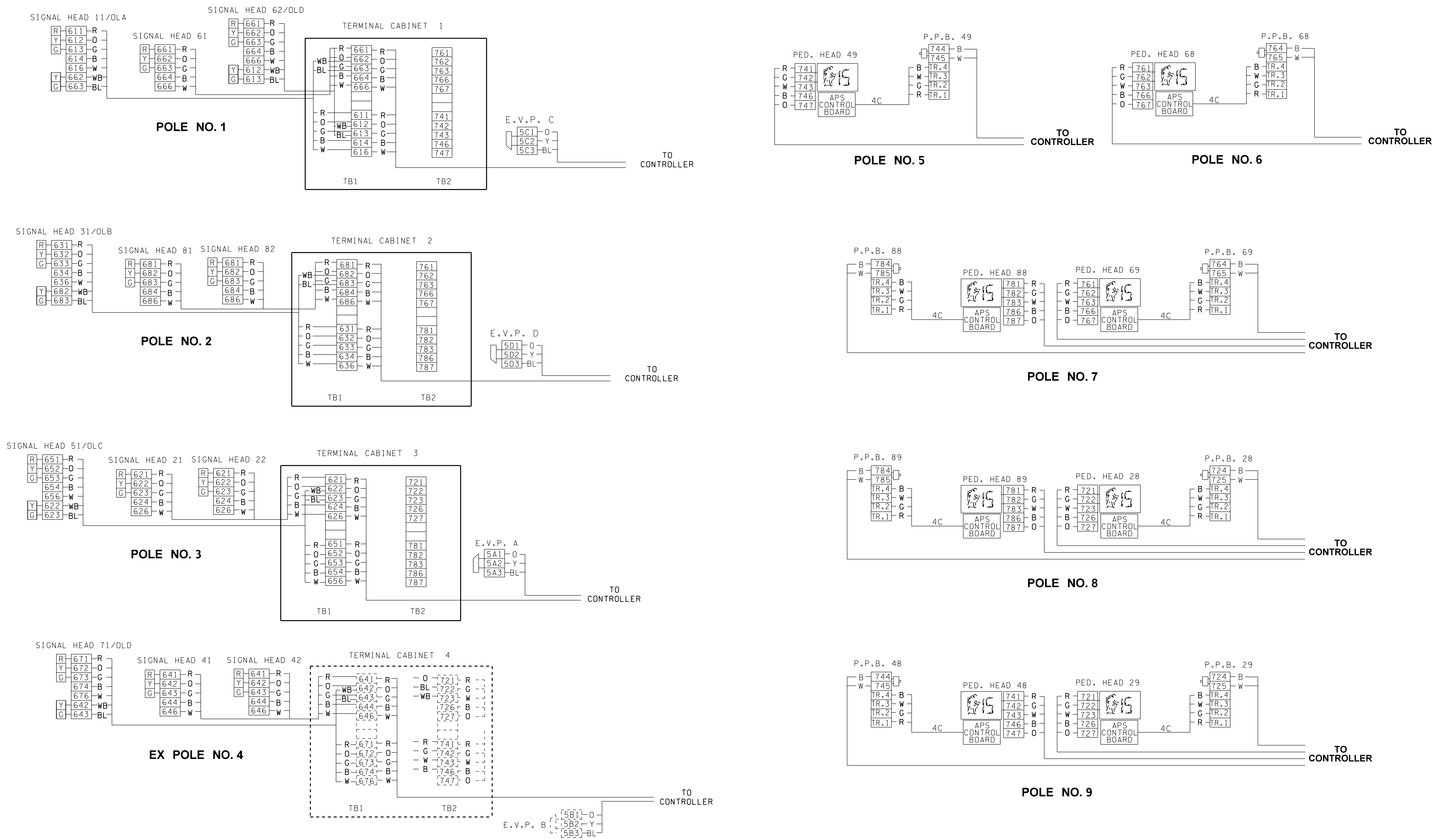
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

SIGNAL AND ILLUMINATION DETAILS

Plot 15
PLAN REF NO SGDT5
SHEET 94 OF 161 SHEETS

FIELD WIRE TERMINATIONS



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SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

SIGNAL AND ILLUMINATION DETAILS

Plot 16
PLAN REF NO SGDT6
SHEET 95 OF 161 SHEETS

CABINET WIRE TERMINATIONS

DETECTION INPUT TERMINALS

TB 2

111	B	816	1	I1D	ϕ1U
	W	817	2	I1E	
112	B	818	3	I1J	ϕ1L
	W	819	4	I1K	
213	B	921	5	I2D	ϕ2U
	W	922	6	I2E	
223	B	923	7	I2J	ϕ2L
	W	924	8	I2K	
231	B	925	9	I3D	ϕ2U
	W	926	10	I3E	
212,222	B	927	11	I3J	ϕ2L
	W	928	12	I3K	

TB 3

ϕ5U	J1D	1	856	B	511
	J1E	2	857	W	
ϕ5L	J1J	3	858	B	512
	J1K	4	859	W	
ϕ6U	J2D	5	961	B	613
	J2E	6	962	W	
ϕ6L	J2J	7	963	B	623
	J2K	8	964	W	
ϕ6U	J3D	9	965	B	631
	J3E	10	966	W	
ϕ6L	J3J	11	967	B	612,622
	J3K	12	968	W	

TB 4

211	B	826	1	I4D	ϕ2U
	W	827	2	I4E	
221	B	828	3	I4J	ϕ2L
	W	829	4	I4K	
311	B	836	5	I5D	ϕ3U
	W	837	6	I5E	
312	B	838	7	I5J	ϕ3L
	W	839	8	I5K	
413	B	941	9	I6D	ϕ4U
	W	942	10	I6E	
423	B	943	11	I6J	ϕ4L
	W	944	12	I6K	

TB 5

ϕ6U	J4D	1	866	B	611
	J4E	2	867	W	
ϕ6L	J4J	3	868	B	621
	J4K	4	869	W	
ϕ7U	J5D	5	876	B	711
	J5E	6	877	W	
ϕ7L	J5J	7	878	B	712
	J5K	8	879	W	
ϕ8U	J6D	9	981	B	813
	J6E	10	982	W	
ϕ8L	J6J	11	983	B	823
	J6K	12	984	W	

TB 6

431	B	945	1	I7D	ϕ4U
	W	946	2	I7E	
412,422	B	947	3	I7J	ϕ4L
	W	948	4	I7K	
411	B	846	5	I8D	ϕ4U
	W	847	6	I8E	
421	B	848	7	I8J	ϕ4L
	W	849	8	I8K	
		911	9	I9D	
		912	10	I9E	
		931	11	I9J	
		932	12	I9K	

TB 7

ϕ8U	J7D	1	985	B	831
	J7E	2	986	W	
ϕ8L	J7J	3	987	B	812,822
	J7K	4	988	W	
ϕ8U	J8D	5	886	B	811
	J8E	6	887	W	
ϕ8L	J8J	7	888	B	821
	J8K	8	889	W	
	J9D	9	951		
	J9E	10	952		
	J9J	11	971		
	J9K	12	972		

TB 8

			1		
			2		
			3		
PPB 28,29	B	724	4	I12D	ϕ2P
PPB 48,49	B	744	5	I12J	ϕ4P
PPB 28,29,48,49	W	725 745	6	I12K	COM
PPB 68,69	B	764	7	I13D	ϕ6P
PPB 88,89	B	784	8	I13J	ϕ8P
PPB 68,69,88,89	W	765 785	9	I13K	COM
			10		
			11		
			12		

TB 9

		1			
DC-		2	5AC3	BL	A&C
	J13K	3	5BD3	BL	B&D
EVA	J12D	4	5A2	Y	A
EVC	J12J	5	5C2	Y	C
DC+	J12E	6	5AC1	O	A&C
EVB	J13D	7	5B2	Y	B
EVD	J13J	8	5D2	Y	D
DC+	J13E	9	5BD1	O	B&D
RR1	J14D	10	516	B	RR
RR2	J14J	11	517	B	
COM	J14E	12	518	W	

COORDINATION

TB0

BL	541
W	542
OR	543
W	544
GN	545
W	546
BR	547
W	548
GR	549
W	550
BL	551
R	552

SERVICE PANEL

TBS

B	501	1	AC+
GRD		2	CG
W	502	3	AC-
		4	
		5	

AUXILIARY PREEMPTION

(CONNECTED VIA 262W WIRE HARNESS TO M262 DISCRIMINATOR)

TB10

1 A&C AUX	2 A&C AUX	3 A AUX	4 A AUX	5 C AUX	6 C AUX	7 B&D AUX	8 B&D AUX	9 B AUX	10 B AUX	11 D AUX	12 D AUX
O	BL	Y		Y		O	BL	Y		Y	
2	2	A2		C2		2	2	B2		D2	

NOTE: TERMINATE ALL WIRING IDENTIFIED AS AC- (6*6 AND 7*3) AT THE AC-BUSS.

SEAL AND COIL ALL SPARE CONDUCTORS AND STORE NEATLY IN THE ASSOCIATED PULL BOX.

DISPLAY OUTPUT TERMINALS

41 42	R	641	101	ϕ4R
	O	642	102	ϕ4Y
	G	643	103	ϕ4G
48 49	R	741	104	ϕ4DW
		5B4	105	EVIB
	G	742	106	ϕ4W
81 82	R	681	107	ϕ8R
	O	682	108	ϕ8Y
	G	683	109	ϕ8G
88 89	R	781	110	ϕ8DW
		5D4	111	EVID
	G	782	112	ϕ8W

28 29	O	721	113	ϕ2DW
		5A4	114	EVIA
	BL	722	115	ϕ2W
31	R	631	116	ϕ3R
	O	632	117	ϕ3Y
	G	633	118	ϕ3G
68 69	O	761	119	ϕ6DW
		5C4	120	EVIC
	BL	762	121	ϕ6W
71	R	671	122	ϕ7R
	O	672	123	ϕ7Y
	G	673	124	ϕ7G

11	R	611	125	ϕ1R
	O	612	126	ϕ1Y
	G	613	127	ϕ1G
21 22	R	621	128	ϕ2R
	O	622	129	ϕ2Y
	G	623	130	ϕ2G
51	R	651	131	ϕ5R
	O	652	132	ϕ5Y
	G	653	133	ϕ5G
61 62	R	661	134	ϕ6R
	O	662	135	ϕ6Y
	G	663	136	ϕ6G

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DESIGNED BY	E. HAVENS					
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CHECKED BY	C. WOO					
PROJ. ENGR.	K. NIDLE					
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY		

DATE
P.E. STAMP BOX

DUKE HUU DO
STATE OF WASHINGTON
31740
REGISTERED
PROFESSIONAL ENGINEER

DATE
P.E. STAMP BOX

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

SIGNAL AND ILLUMINATION DETAILS

Plot 17
PLAN REF NO SGDT7
SHEET 96 OF 161 SHEETS

CONSTRUCTION NOTES:

1. INSTALL VIDEO DETECTION CAMERA ON EXISTING SIGNAL MAST ARM. SEE DETAIL ON SHEET TD3.
2. CONNECT MESSENGER CABLE TO EXISTING SIGNAL STANDARD. SEE DETAIL ON SHEET TD3.
3. VIDEO DETECTION ZONE.
4. TERMINATE VIDEO DETECTION CABLES INSIDE THE CONTROLLER CABINET. COORDINATE VIDEO CABLE TERMINATIONS WITH WSDOT SIGNAL MAINTENANCE TECHNICIAN THROUGH THE ENGINEER. REMOVE ALL EQUIPMENT AND ASSOCIATED CONDUCTORS AFTER PERMANENT SIGNAL SYSTEM IS OPERATIONAL.
5. INSTALL VIDEO DETECTION CAMERA ON EXISTING SIGNAL MAST ARM. SEE DETAIL ON SHEET TD3. REMOVE VIDEO DETECTION CAMERA, MOUNTING HARDWARE, ASSOCIATED EQUIPMENT, AND CABLES AFTER PERMANENT DETECTION LOOPS ARE OPERATIONAL.
6. MAINTAIN MINIMUM ROADWAY CLEARANCE OF 16.5 FEET.
7. RELOCATE VIDEO DETECTION CAMERA FROM EXISTING SIGNAL MAST ARM TO NEW SIGNAL MAST ARM. SEE DETAIL ON SHEET TD3. REMOVE VIDEO DETECTION CAMERA, MOUNTING HARDWARE, ASSOCIATED EQUIPMENT, AND CABLES AFTER PERMANENT DETECTION LOOPS ARE OPERATIONAL.
8. CONNECT MESSENGER CABLE TO NEW SIGNAL STANDARD. SEE DETAIL ON SHEET TD3.
9. INSTALL CONDUIT RISER ON EXISTING SIGNAL STANDARD. SEE DETAIL ON SHEET SGDT7. ROUTE CABLES PER WIRING SCHEDULE ON THIS SHEET.

WIRING SCHEDULE EX SERVICE NO. SAC 3768

NO.	CONDUIT SIZE	P / V DETECT 2C(S)	E. V. DETECT 3C(S)	P / V HEAD 5C	PED HEADS 7C	VEH HEAD 10C	ILLUM #8	POWER #6	VIDEO CABLE RG59/U	COMMENTS
1	2"								6	CONDUIT RISER
2	EX 2"								6	*
3	2"		1			1			6	*
4	2 ½"	2	1	2		1			6	*
5	2"								6	FUTURE SPARE*

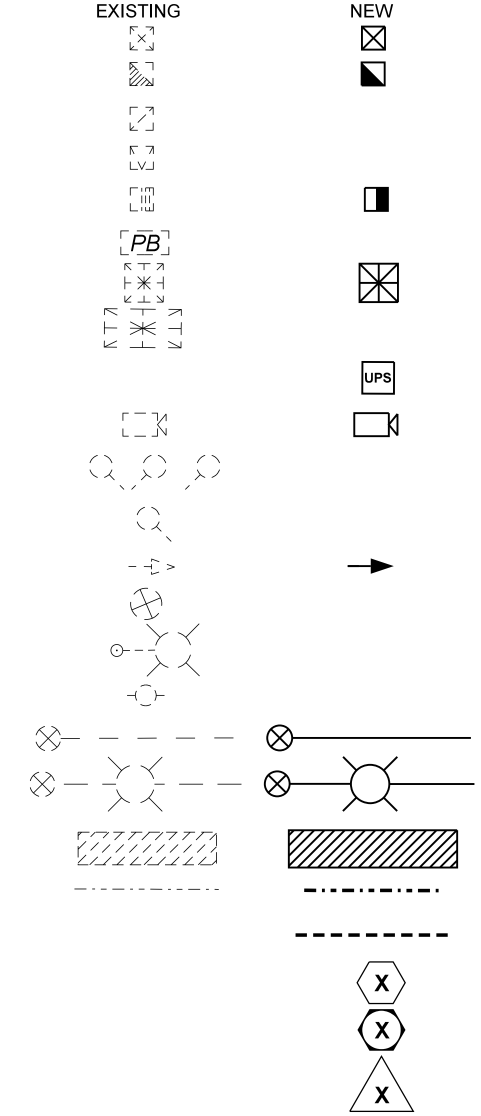
*PART OF THE PERMANENT SIGNAL SYSTEM, SEE SGDT1

ABBREVIATIONS:

APS	ACCESSIBLE PEDESTRIAN SIGNALS	O	ORANGE
B	BLACK	PED	PEDESTRIAN
C	CONDUCTORS	PPB	PEDESTRIAN PUSHBUTTON
CAB	CABINET	PR	PAIR
COMM	COMMUNICATION	PS	PEDESTRIAN SIGNAL
C(S)	CONDUCTOR SHIELDED	P/V	PEDESTRIAN/ VEHICLE
DET	DETECTOR	R	RED
EVP	EMERGENCY VEHICLE PREEMPTION	SIG	SIGNAL
EX	EXISTING	SP	SPAN WIRE
FT	FEET	SR	STATE ROUTE
G	GREEN	STD	STANDARD
ILL	ILLUMINATION	TEMP	TEMPORARY
JB	JUNCTION BOX	TYP	TYPICAL
MAX	MAXIMUM	VDC	VIDEO DETECTION CAMERA
MIN	MINIMUM	VEH	VEHICLE
NTS	NOT TO SCALE	VDZ	VIDEO DETECTION ZONE
NO	NUMBER	W	WHITE
		W/	WITH

LEGEND

EXISTING NEW



TYPE 1 JUNCTION BOX
TYPE 2 JUNCTION BOX
TYPE 3 JUNCTION BOX
TYPE 5 JUNCTION BOX
TYPE 8 JUNCTION BOX
PULL BOX
CONTROLLER CABINET
ELECTRICAL SERVICE CABINET
UNINTERRUPTED POWER SUPPLY
VIDEO DETECTION CAMERA
TYPE 3 STOP LINE LOOPS
TYPE 3 ADVANCE LOOP
VEHICLE SIGNAL HEAD
TYPE PS SIGNAL STANDARD
LIGHT STANDARD
LIGHT STANDARD FOUNDATION
TYPE 2 SIGNAL STANDARD
TYPE 3 SIGNAL STANDARD
VIDEO DETECTION ZONE
CONDUIT
SPAN WIRE
CONSTRUCTION NOTE FLAG
POLE NOTE FLAG
WIRING NOTE FLAG

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REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

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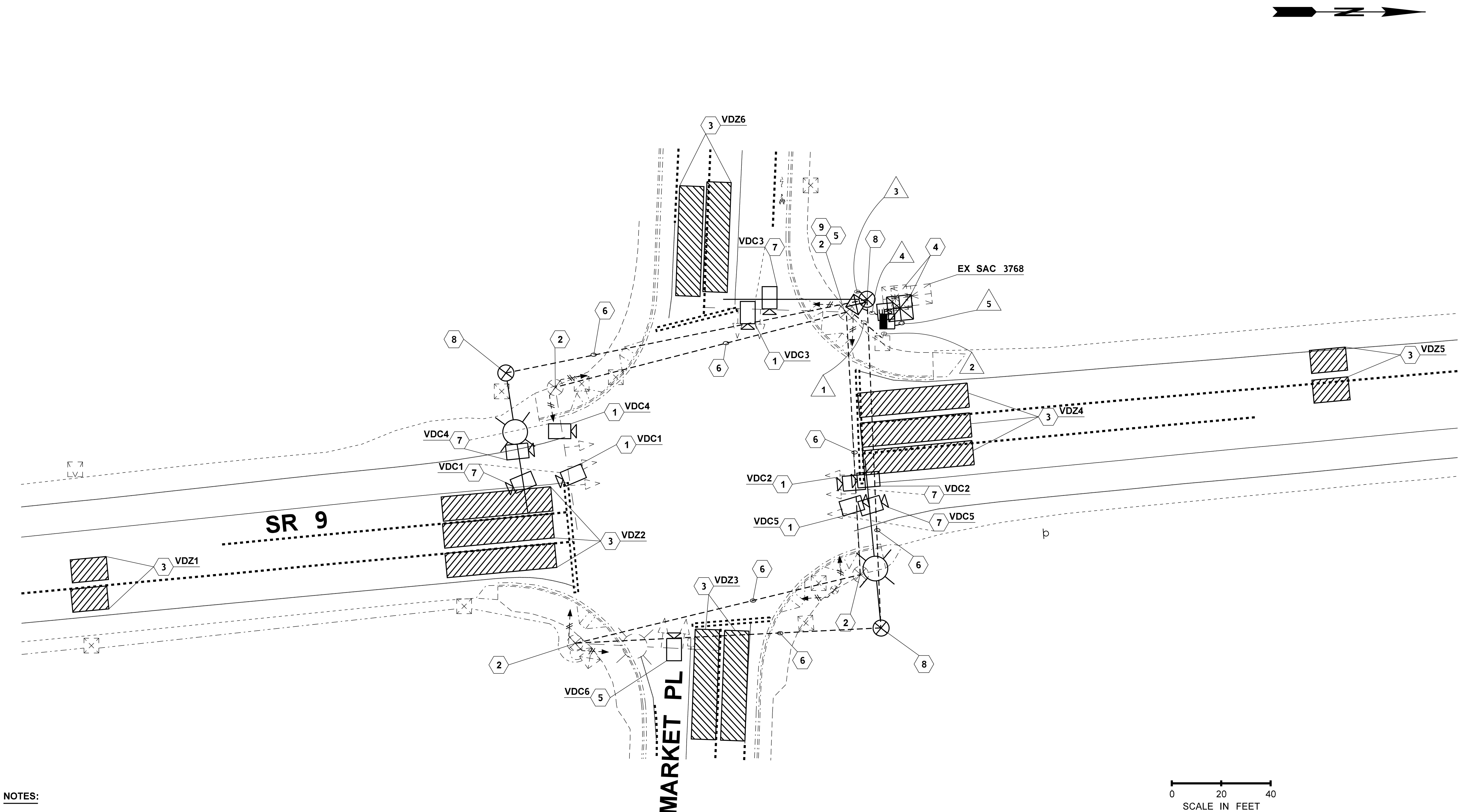
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TEMPORARY DETECTION PLAN

Plot 21
PLAN REF NO TD1
SHEET 97 OF 161 SHEETS



NOTES:

FOR CONSTRUCTION NOTES, ABBREVIATIONS, AND LEGEND, SEE SHEET TD1

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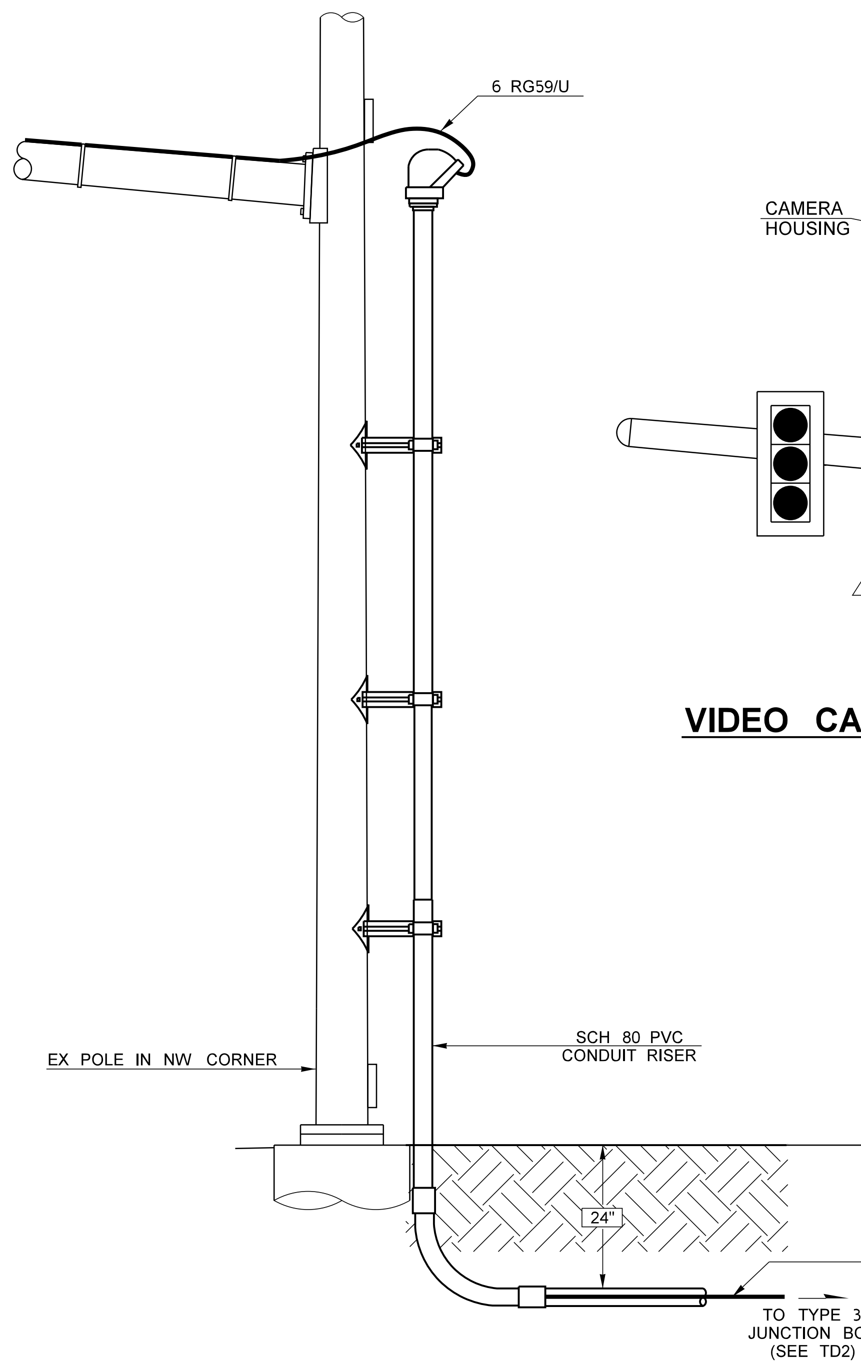
Washington State
Department of Transportation

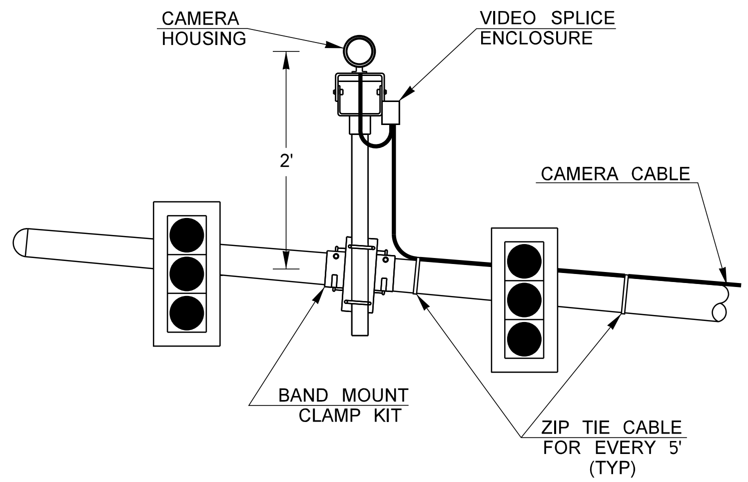
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

TEMPORARY DETECTION PLAN

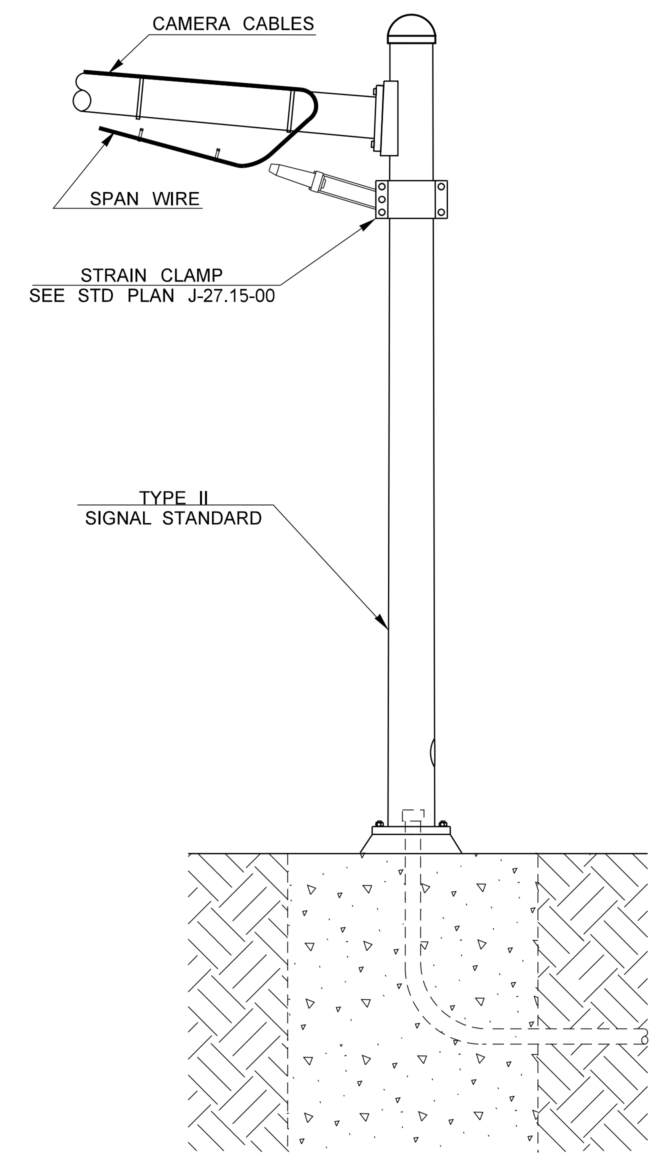
Plot 22
PLAN REF NO
TD2
SHEET
98
OF
161
SHEETS



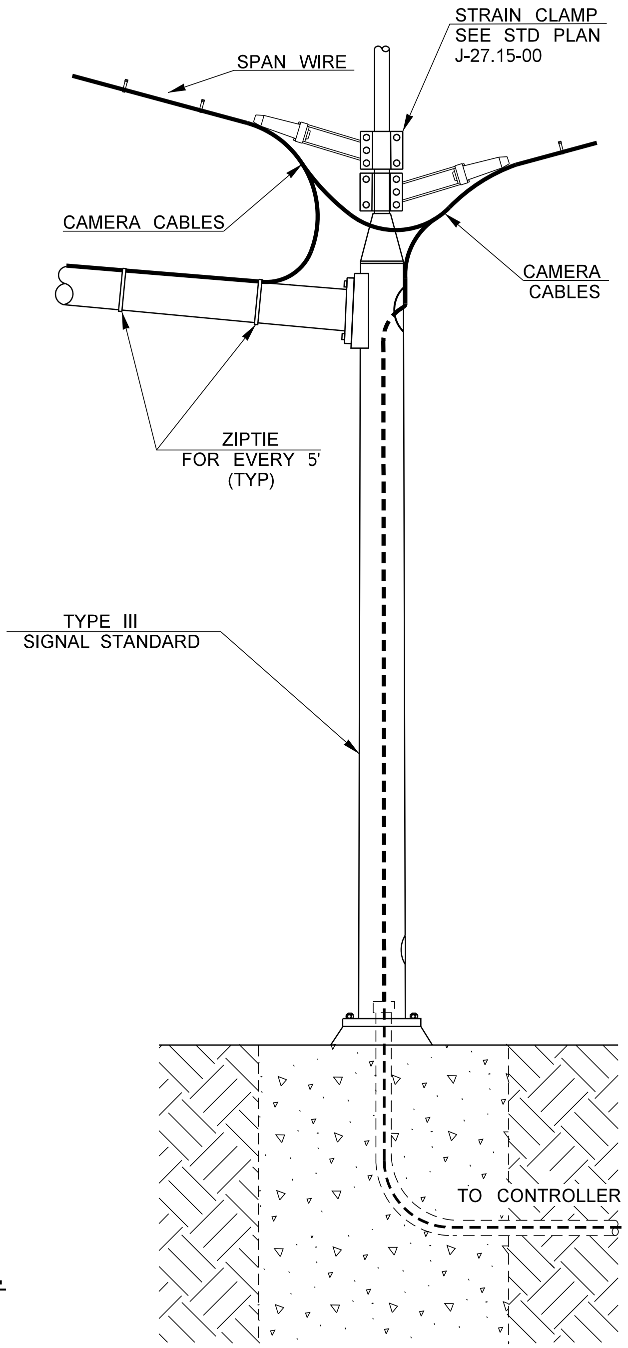
CONDUIT RISER INSTALLATION DETAIL



VIDEO CAMERA MOUNTING DETAIL
N.T.S



CAMERA CABLE ROUTING DETAIL
TYPE II SIGNAL STANDARD



CAMERA CABLE ROUTING DETAIL
TYPE III SIGNAL STANDARD

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SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

TEMPORARY DETECTION PLAN

Plot 23
PLAN REF NO
TD3
SHEET
99
OF
161
SHEETS

CONSTRUCTION NOTES:

1. INSTALL TYPE R1 INDUCTION LOOP VEHICLE DETECTORS, INCLUDING CONDUIT STUB-OUT IN ACCORDANCE WITH THE INDUCTION LOOP VEHICLE DETECTOR SPECIAL PROVISIONS AND ITS DETAIL SHEETS TSDT7-TSDT9. LOOPS SHALL BE INSTALLED IN ACCORDANCE WITH THE TYPE R1 INDUCTION LOOPS SPEED DETECTION LAYOUT ON ITS DETAIL SHEET TSDT7.
2. INSTALL TYPE WR INDUCTION LOOP VEHICLE DETECTOR, INCLUDING CONDUIT STUB-OUT IN ACCORDANCE WITH THE INDUCTION LOOP VEHICLE DETECTOR SPECIAL PROVISIONS AND ITS DETAIL SHEETS TSDT7-TSDT9.
3. INSTALL CONDUIT UNDER ROADWAY USING DIRECTIONAL BORE.
4. COORDINATE DIRECTIONAL BORE WITH SIGNAL AND ILLUMINATION PLAN TO UTILIZE THE SAME BORE.
5. COORDINATE OPEN TRENCHING WITH SIGNAL AND ILLUMINATION PLAN TO UTILIZE THE SAME TRENCH.
6. NOT USED.
7. INSTALL RELOCATED CAMERA COMMUNICATION PANEL, RELOCATED RS900, AND ALL ASSOCIATED EQUIPEMENT IN 332D CABINET. SEE DETAILS ON TSDT1-TSDT2.
8. INSTALL TWO 20 AMP BREAKERS IN THE EXISTING SERVICE CABINET. SEE BREAKER SCHEDULE ON SGIL2.
9. INSTALL 334L CABINET AND FOUNDATION IN ACCORDANCE WITH 9-29.13(11), TRAFFIC DATA ACCUMULATOR AND RAMP METERS.
10. INSTALL RELOCATED VIDEO CAMERA SYSTEM WITH NEW CONTROL CABLE IN ACCORDANCE WITH THE CLOSED CIRCUIT TELEVISION SYSTEM SPECIAL PROVISIONS. CONNECT THE CAMERA CONTROL CABLE TO THE CAMERA COMMUNICATION PANEL IN THE NEW TYPE 332D CONTROLLER CABINET PER DETAILS ON SHEETS TSDT1-TSDT2.
11. INSTALL 50-FOOT CAMERA POLE AND FOUNDATION PER THE CAMERA POLE SCHEDULE ON SHEET TS2 AND THE DETAILS ON SHEETS TSDT3-TSDT4.
12. REMOVE EXISTING CAMERA 009vc01539 AND ALL ASSOCIATED EQUIPMENT FROM LUMINAIRE AND REINSTALL ON NEW CAMERA POLE. REMOVE EXISTING CAMERA CONTROL CABLE BACK TO THE CABINET.
13. SPLICE FIBER IN AN APPROVED SPLICE CLOSURE IN THE CABLE VAULT PER DETAIL ON SHEETS TSDT5-TSDT6.
14. INSTALL ATC AND 8-PORT RS900 IN THE 334L CABINET IN ACCORDANCE WITH THE "ADVANCED TRANSPORTATION CONTROLLER (ATC)" SPECIAL PROVISION. CONNECT THE RS900 TO THE PRETERM PANEL WITH TWO DUPLEX LC-LC PATCH CORDS. CONNECT THE RS900 TO THE ATC WITH A CAT 6 CABLE.
15. INSTALL RACK MOUNTED VEHICLE LOOP DETECTORS, LOOP NAME PLATES, AND TERMINATE 2CS CONDUCTORS IN CABINET IN ACCORDANCE WITH THE TRAFFIC DATA ACCUMULATION AND RAMP METERING SYSTEM SPECIAL PROVISIONS.
16. SEE SIGNAL AND ILLUMINATION PLANS FOR INSTALLATION.
17. SPLICE LOOP WIRES TO LOOP LEAD-IN CABLES IN ACCORDANCE WITH ITS DETAIL SHEET TSDT8.
18. INSTALL 48-PORT PRETERMINATED PATCH PANEL IN CABINET IN ACCORDANCE WITH THE "PRETERMINATED PATCH PANEL" SPECIAL PROVISION. ROUTE STUB TO CABLE VAULT FOR SPLICING.
19. INSTALL 24-PORT PRETERMINATED PATCH PANEL IN CABINET IN ACCORDANCE WITH THE "PRETERMINATED PATCH PANEL" SPECIAL PROVISION. ROUTE STUB TO CABLE VAULT FOR SPLICING.
20. PULL BACK TO AND COIL EXISTING 24 SMFO IN EXISTING CABLE VAULT AT THE INTERSECTION OF MARKET PL NE AND 91ST AVE NE.
21. INTERCEPT EXISTING CONDUIT AND ROUTE THE CONDUIT AS SHOWN IN THE PLANS TO THE NEW CABLE VAULT. MAINTAIN ALL BONDING AND GROUNDING.

ABBREVIATIONS:

ATC	ADVANCED TRANSPORTATION CONTROLLER	NTS	NOT TO SCALE
B	BLACK	NO	NUMBER
C	CONDUCTORS	O	ORANGE
CAB	CABINET	PPP	PRETERMINATED PATCH PANEL
COMM	COMMUNICATION	PR	PAIR
C(S)	CONDUCTOR SHIELDED	R	RED
DET	DETECTOR	SIG	SIGNAL
EX	EXISTING	SR	STATE ROUTE
FT	FEET	STD	STANDARD
G	GREEN	TEMP	TEMPORARY
ILL	ILLUMINATION	TYP	TYPICAL
JB	JUNCTION BOX	VEH	VEHICLE
MAX	MAXIMUM	W	WHITE
MIN	MINIMUM	W/	WITH

ITS Legend

Existing	New	
		Type 1 Junction Box
		Type 2 Junction Box
		Type 3 Junction Box
		Type 4 Junction Box
		Type 6 Junction Box
		Type 7 Junction Box
		Type 8 Junction Box
CV	CV	ITS Cable Vault
PB	PB	ITS Pull Box
T		Transformer Cabinet
		Controller Cabinet
		R1 Induction Loop
		WR Induction Loop
		CCTV Camera
		Conduit
		Electrical Service Cabinet
		Camera Pole

WIRING SCHEDULE SERVICE NO. SAC 3768

NO.	CONDUIT SIZE	2C(S)	POWER	FIBER	CAMERA CONTROL CABLE	COMMENTS
1	2"					SPARE
	2"	4				LOOP LEAD-INS
2	2"	8				LOOP LEAD-INS
3	2"					SPARE
	2"		2 #8			POWER
4	2"	6				LOOP LEAD-INS
5	2"					SPARE
	2"					SPARE
	2"	8				LOOP LEAD-INS
	2"			48 PPP		PRETERM STUB
6	2"		2 #8			POWER
7	2"					SPARE
	2"			36 SMFO		
8	EX 2"		EX 2 #6			POWER
			6 #8			POWER
9	2"		EX 2 #6			POWER
			6 #8			POWER
10	2"					SPARE
	2"	6				LOOP LEAD-INS
11	2"	4				LOOP LEAD-INS
12	2"					SPARE
	2"	6				LOOP LEAD-INS
	2"	4				LOOP LEAD-INS
	2"			24 PPP		PRETERM STUB
13	2"				1	
14	2"					SPARE
	2"				1	
15	2"					SPARE
	2"					SPARE
	2"			24 PPP	1	PRETERM STUB (SR 9)
				24 PPP		PRETERM STUB (MARKET PL)
16	EX 2"			EX 24 SMFO		
17	2"			EX 24 SMFO		

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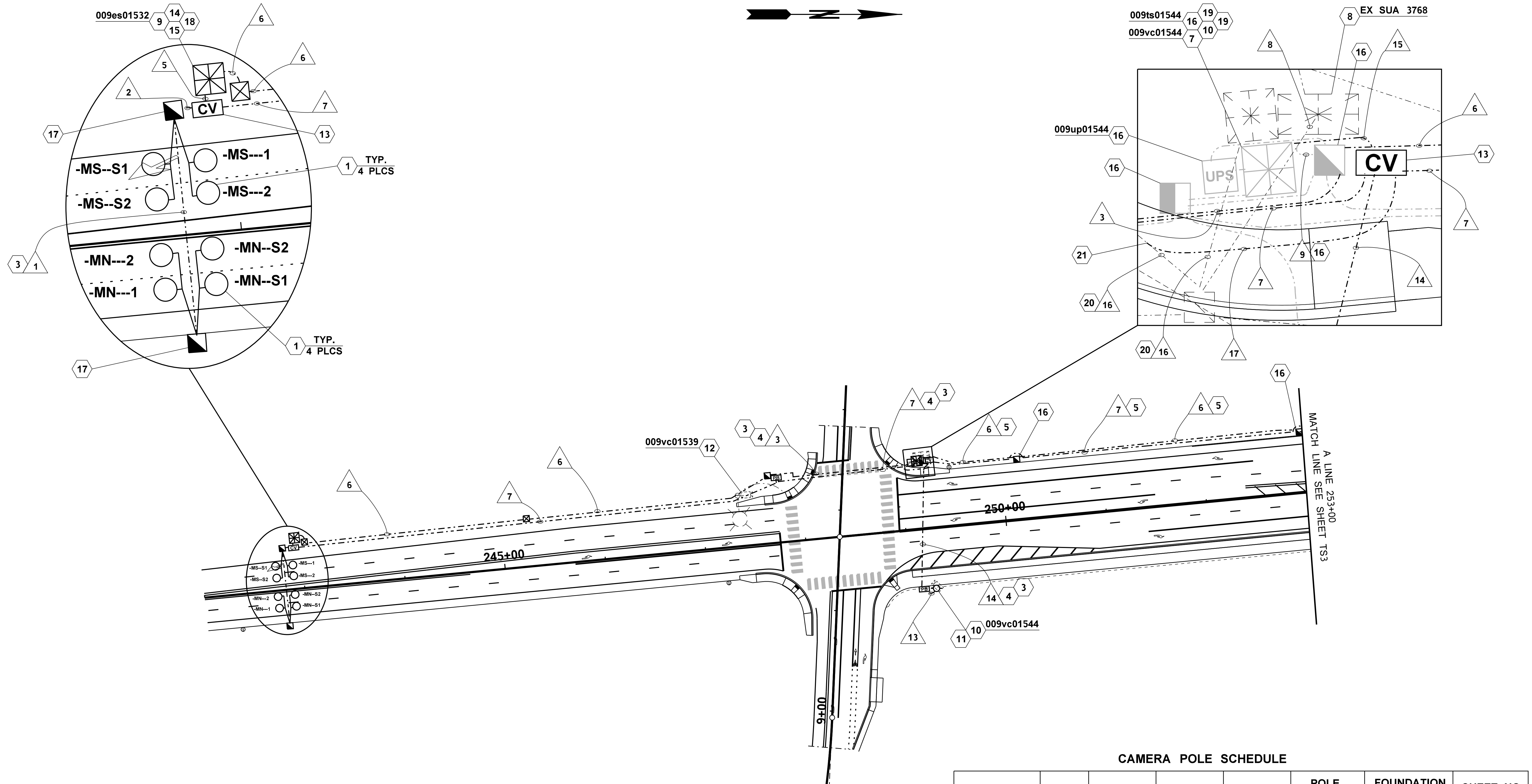
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

ITS PLAN

Plot 1

PLAN REF NO
TS1

SHEET
100
OF
161
SHEETS



CAMERA POLE SCHEDULE

CCTV#	LINE	STATION	OFFSET	LT/RT	POLE HEIGHT	FOUNDATION DEPTH	SHEET NO.
009vc01544	A	249+24	59.5 FT	RT	50	7.0 FT	TS2

NOTES:

FOR CONSTRUCTION NOTES, WIRING SCHEDULE, AND LEGEND, SEE SHEET TS1.

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Department of Transportation

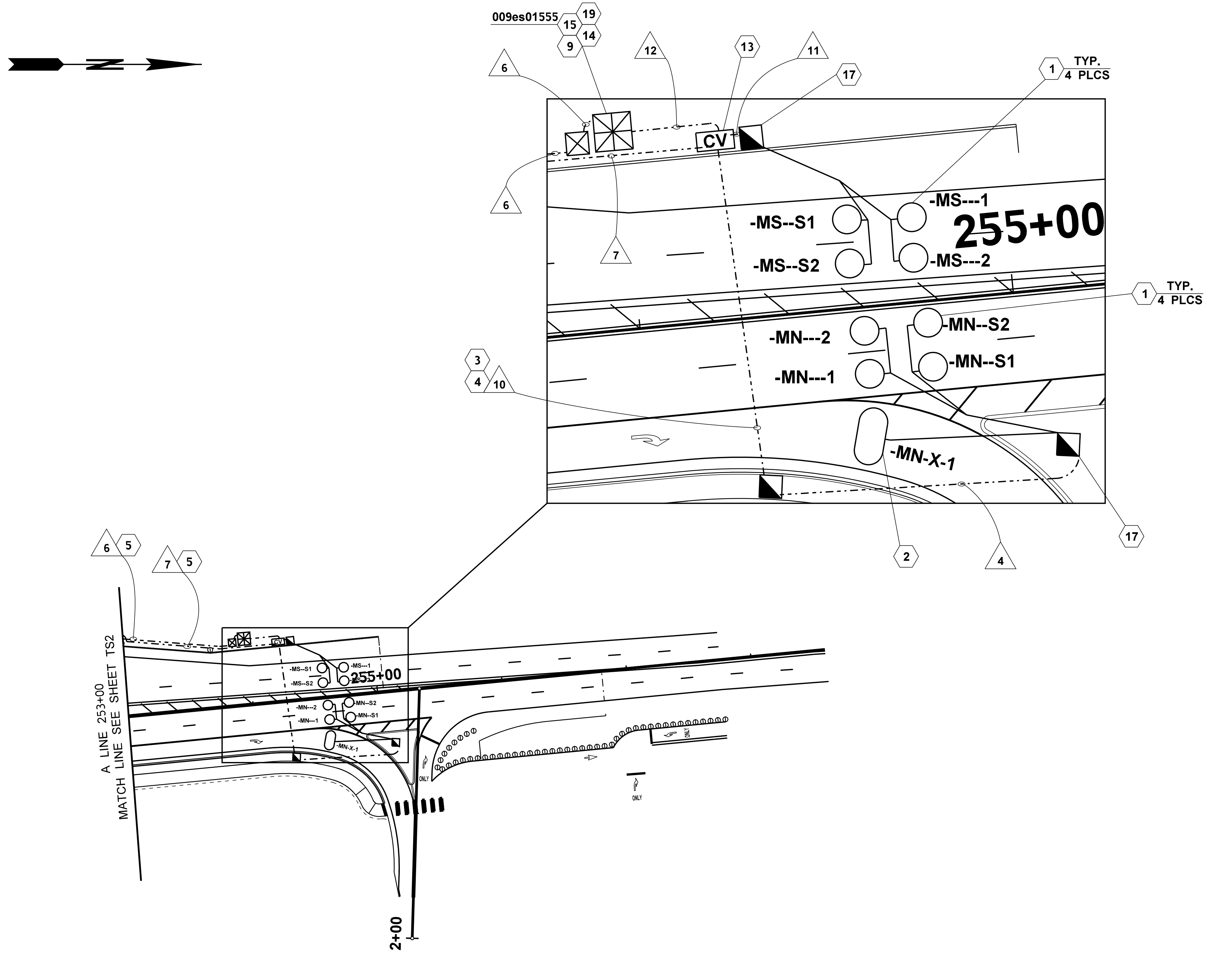
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

ITS PLAN

Plot 3

PLAN REF NO
TS2

SHEET
101
OF
161
SHEETS



NOTES:

FOR CONSTRUCTION NOTES, WIRING SCHEDULE, AND LEGEND, SEE SHEET TS1.

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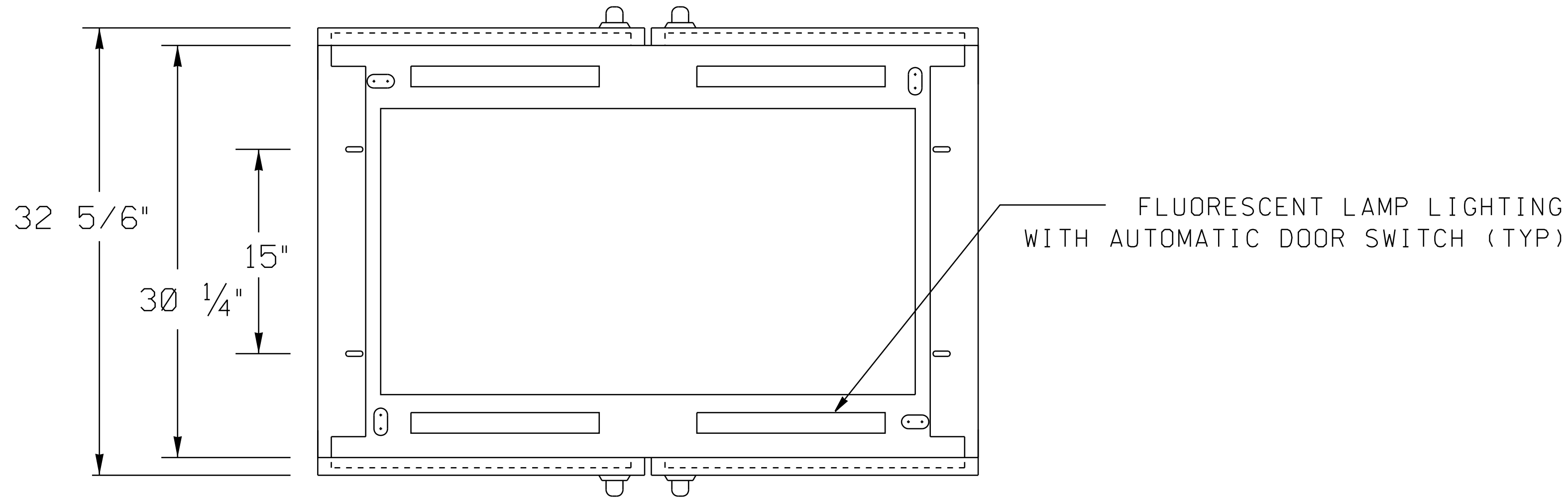
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

ITS PLAN

Plot 4

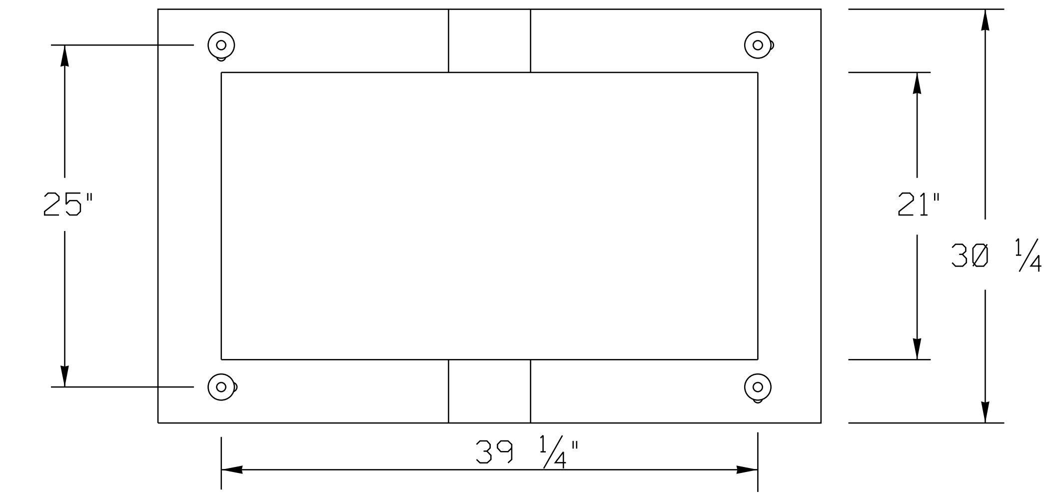
PLAN REF NO TS3

SHEET 102 OF 161 SHEETS

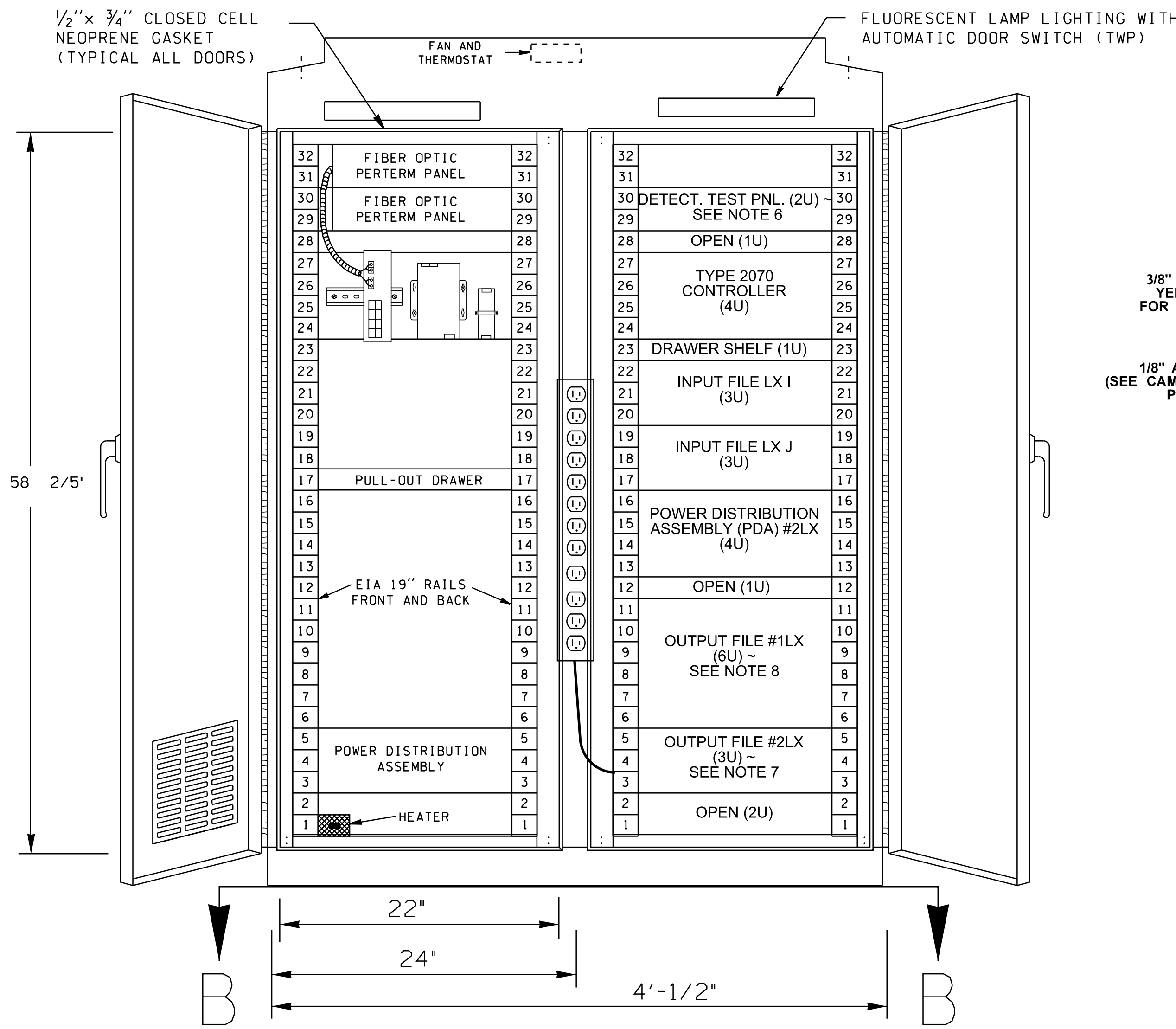


TOP DETAIL

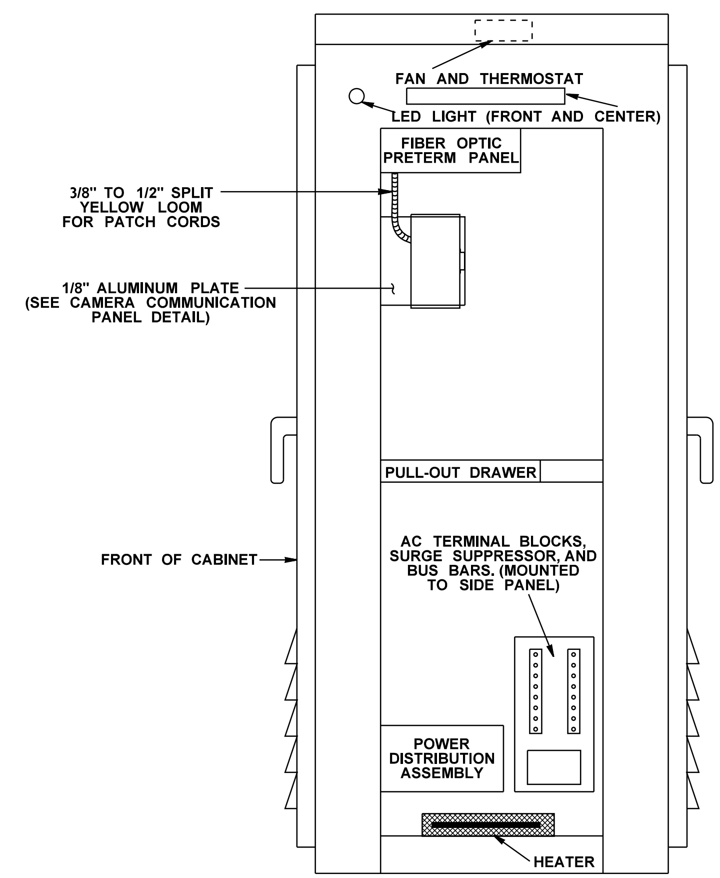
TOP VIEW FROM INSIDE CABINET



SECTION B-B



FRONT VIEW



CAMERA CABINET RACK - SIDE VIEW

GENERAL NOTES

1. THE RIGHT SIDE OF THE CABINET SHALL CONTAIN EQUIPMENT FOR A TYPICAL SIGNAL CABINET.
2. ALL LIGHTS SHALL COME ON WHEN ANY DOOR IS OPENED.
3. THE LEFT SIDE OF THE CABINET SHALL CONTAIN ALL OF THE EQUIPMENT FOR CAMERA CABINETS EXCEPT POWER SUPPLY.
4. INSTALL POWER STRIP WITH A MINIMUM OF 12 OUTLETS ON INSIDE OF VERTICAL SUPPORT. CONNECT POWER CORD TO "R2" OUTLET ON PDA.
5. INSTALL HEATER ON CAMERA SIDE OF THE CABINET.
6. SEE STANDARD PLAN J-80.15 FOR DETECTOR TEST PANEL DETAILS.
7. OUTPUT FILE #2LX SHALL BE PROVIDED ON THIS CONTRACT.
8. OUTPUT FILE #1LX SHALL INCLUDE A RED MONITOR PROGRAM BOARD AND OL MONITOR CABLE TERMINAL. THE RED MONITOR PROGRAM BOARD SHALL USE THE GENERAL LAYOUT AND BE LABELED AS SHOWN IN STANDARD PLAN J-80.10.

DOUBLE-WIDE 332D CABINET LAYOUT

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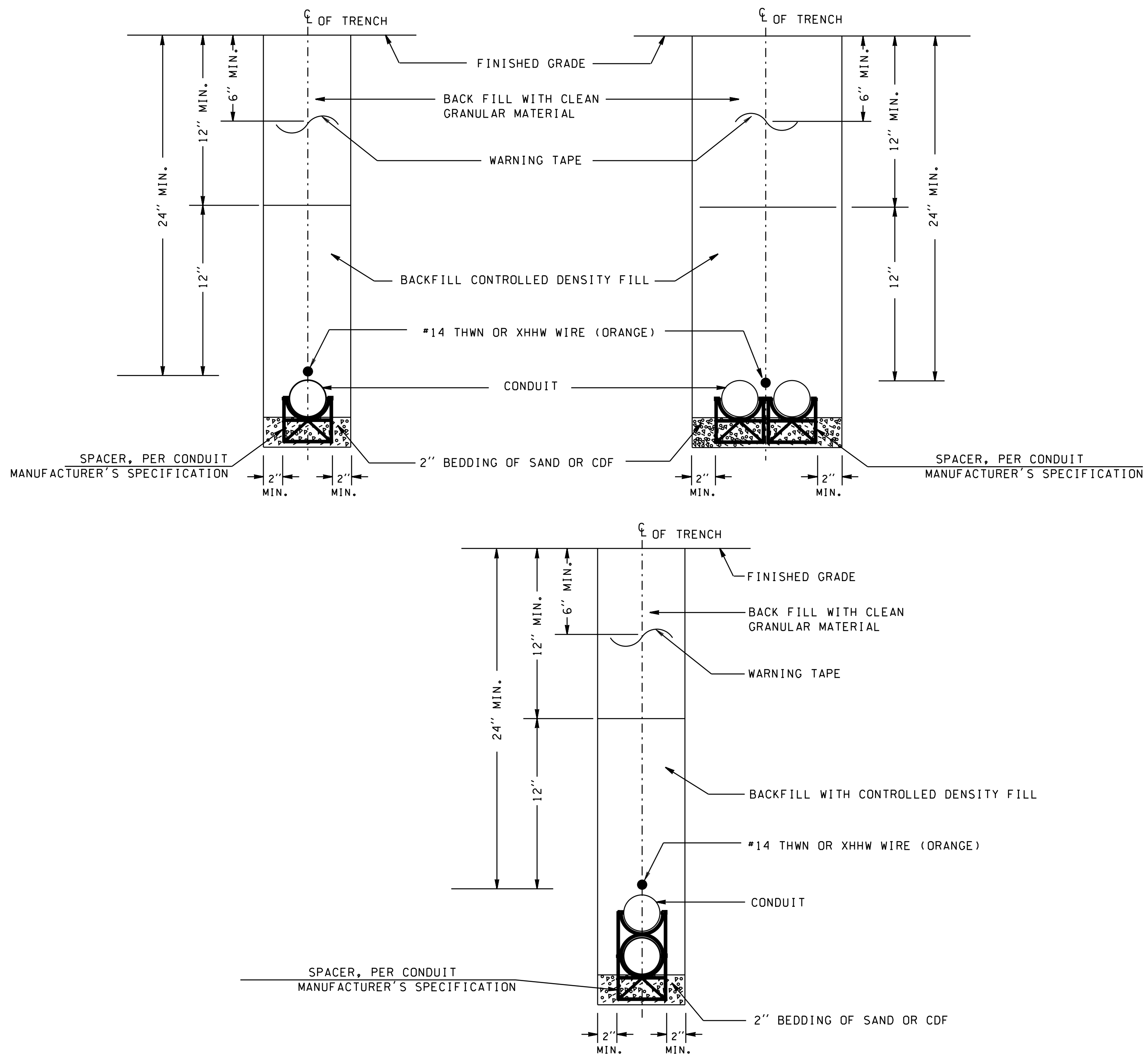
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

ITS DETAILS

Plot 11

PLAN REF NO
TSDT1

SHEET 103 OF 161 SHEETS

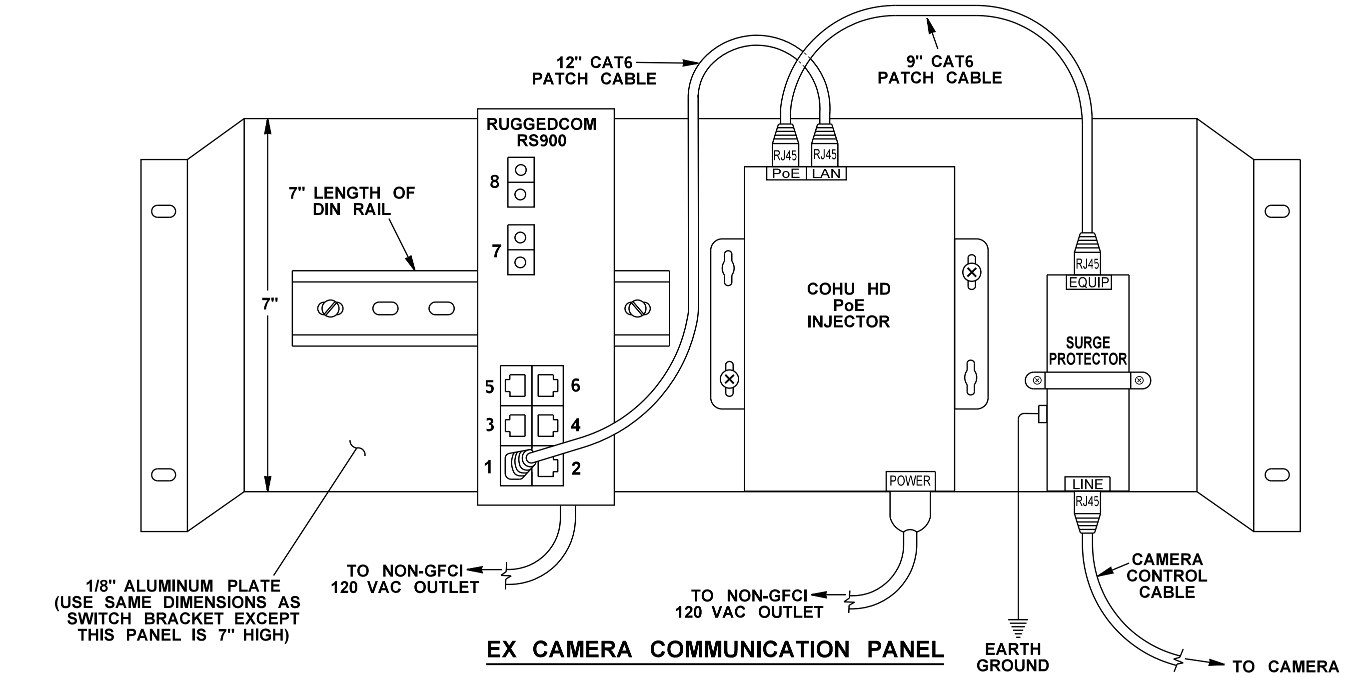


NOTES:

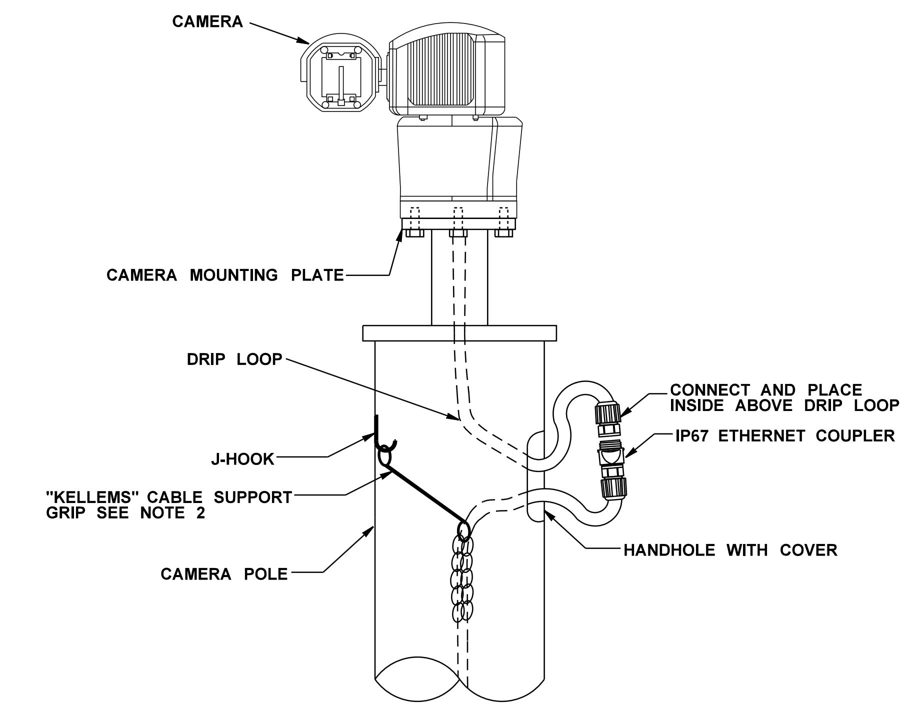
1. UNLESS OTHERWISE SPECIFIED, LINEAR DIMENSIONS ARE BASED ON ROADWAY STATIONING.
2. WARNING TAPE SHALL BE PER SPECIAL PROVISIONS.
3. IF A CONFLICT WITH DRAINAGE, OR OTHER UTILITIES ARISE, THE CONTRACTOR SHALL SUBMIT A PLAN FOR RESOLVING THE CONFLICT TO THE ENGINEER.
4. INSTALL CONDUIT SPACER PER MANUFACTURER'S RECOMMENDATION.

FIBER OPTIC CONDUIT TRENCH DETAIL

NOT TO SCALE



EX CAMERA COMMUNICATION PANEL



TYPICAL CAMERA MOUNTING DETAIL

GENERAL NOTES:

1. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR HIS WRITTEN APPROVAL ALL DETAILS OF CABLES AND CONNECTIONS OF TV CAMERA POLES.
2. CABLES INSIDE THE POLE SHALL BE SUSPENDED SUCH THAT NONE OF THE CABLE WEIGHT IS TRANSFERRED TO THE CABLE CONNECTIONS OR TERMINATIONS.
3. ALL HARDWARE SHALL BE STAINLESS STEEL OR GALVANIZED.
4. SEE STANDARD PLAN J-29.10 AND J-29.15 FOR CAMERA POLE AND FOUNDATION DETAILS.

NOT TO SCALE

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P.E. STAMP BOX | DATE

Washington State Department of Transportation

SR 9

SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

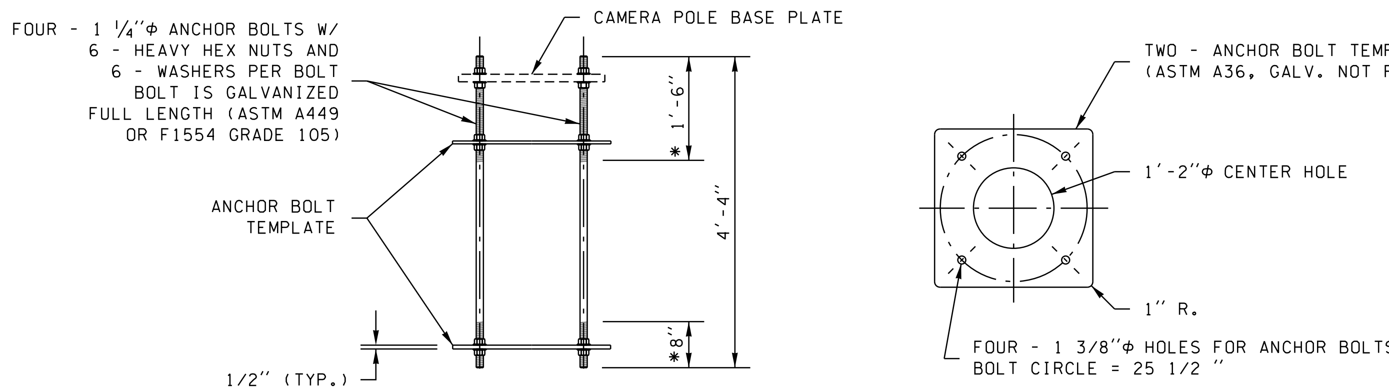
ITS DETAILS

Plot 12

PLAN REF NO TSDT2

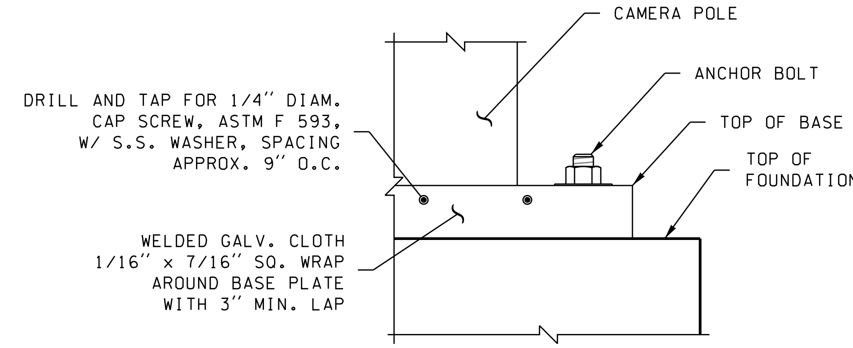
SHEET 104 OF 161 SHEETS

CAMERA POLE HEIGHT	DEPTH OF FOUNDATION "D"		ANCHOR BOLT ASTM A449 OR F1554 GR. 105		
	3H:1V OR FLATTER	2H:1V	DIAMETER	LENGTH	BOLT CIRCLE
50'	7'-0"	9'-0"	1 1/4"	4'-4"	25 1/2"
40'	5'-6"	7'-6"	1 1/4"	4'-4"	25 1/2"
30'	4'-6"	6'-6"	1 1/4"	4'-4"	25 1/2"

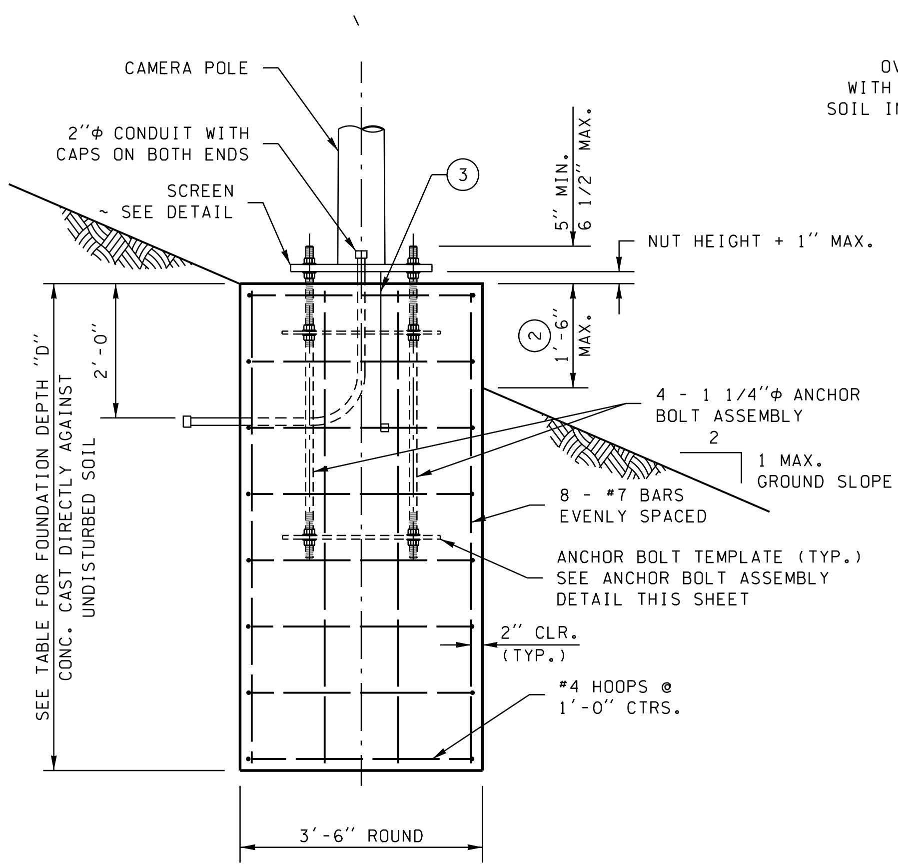


ANCHOR BOLT ASSEMBLY

* THREADED LENGTH



SCREEN DETAIL

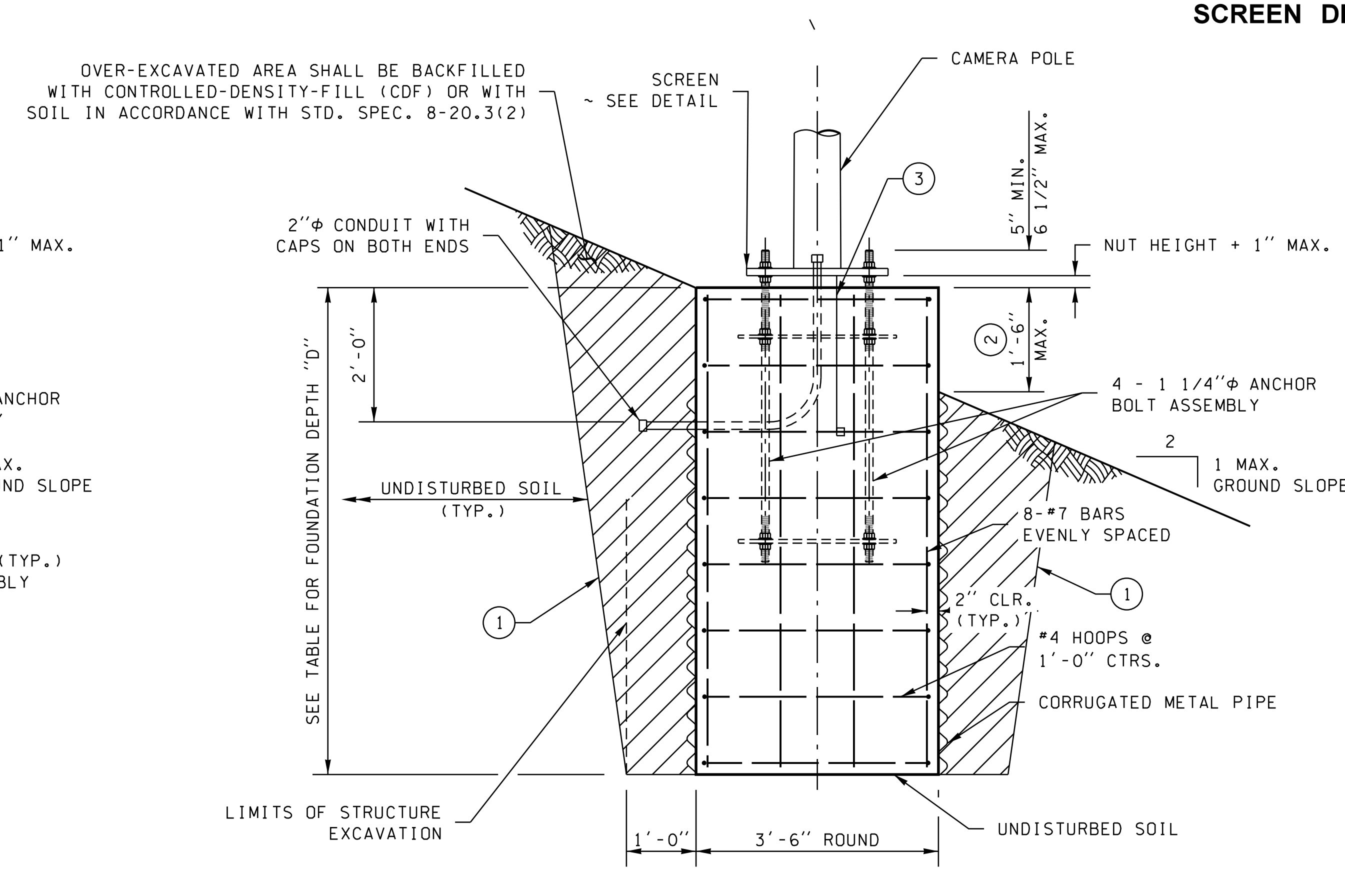


FOUNDATION REINFORCEMENT DETAIL

CONCRETE CAST DIRECTLY AGAINST UNDISTURBED EARTH.

ALTERNATE # 1

N.T.S.



FOUNDATION REINFORCEMENT AND BACKFILL DETAIL

CONCRETE CAST INSIDE CORRUGATED METAL PIPE STAY-IN-PLACE FORM.
PAPER OR CARDBOARD FORM SHALL NOT BE USED BENEATH THE GROUND SURFACE. 2

ALTERNATE # 2

N.T.S.

GENERAL NOTES:

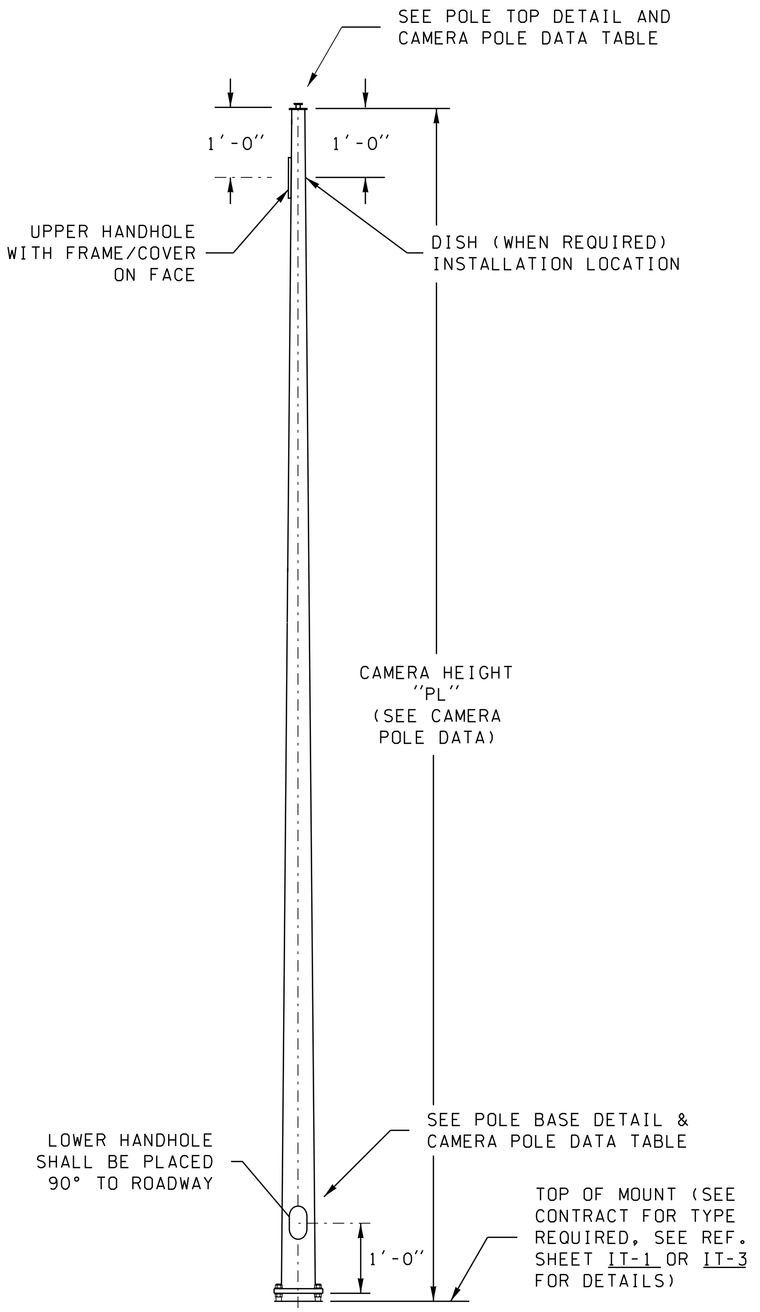
1. THESE FOUNDATIONS ARE DESIGNED FOR A MINIMUM OF 1,500 PSF ALLOWABLE LATERAL BEARING PRESSURE FOR THE SOIL. A SPECIAL FOUNDATION SHALL BE REQUIRED FOR SOIL WITH LOWER ALLOWABLE LATERAL BEARING PRESSURE THAN 1,500 PSF.
2. THESE FOUNDATIONS ARE DESIGNED FOR INSTALLATION ON LEVEL GROUND, OR ON SLOPING GROUND NOT TO EXCEED 2:1 SLOPES. STEEPER THAN 2:1 REQUIRE A SPECIAL DESIGN.
3. FOUNDATION CONSTRUCTED WITHIN ECOLOGY EMBANKMENTS SHALL BE INCREASED IN DEPTH BY THE DEPTH OF THE ECOLOGY EMBANKMENT.

DESIGN CRITERIA:
2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS WITH INTERIM REVISIONS 2002 AND 2003.
WIND VELOCITY:
90 MPH
MAXIMUM POLE DEFLECTION SHALL NOT EXCEED 0.7" IN 30 MPH AND 1.4" IN 70 MPH WIND.
LOADING:
1.) CAMERA - EFFECTIVE PROJECT AREA = 4.00 SQ. FT. @ 2'-0" ABOVE POLE TOP.
2.) DISH - 1'-0"Φ @ POLE TOP LEVEL.

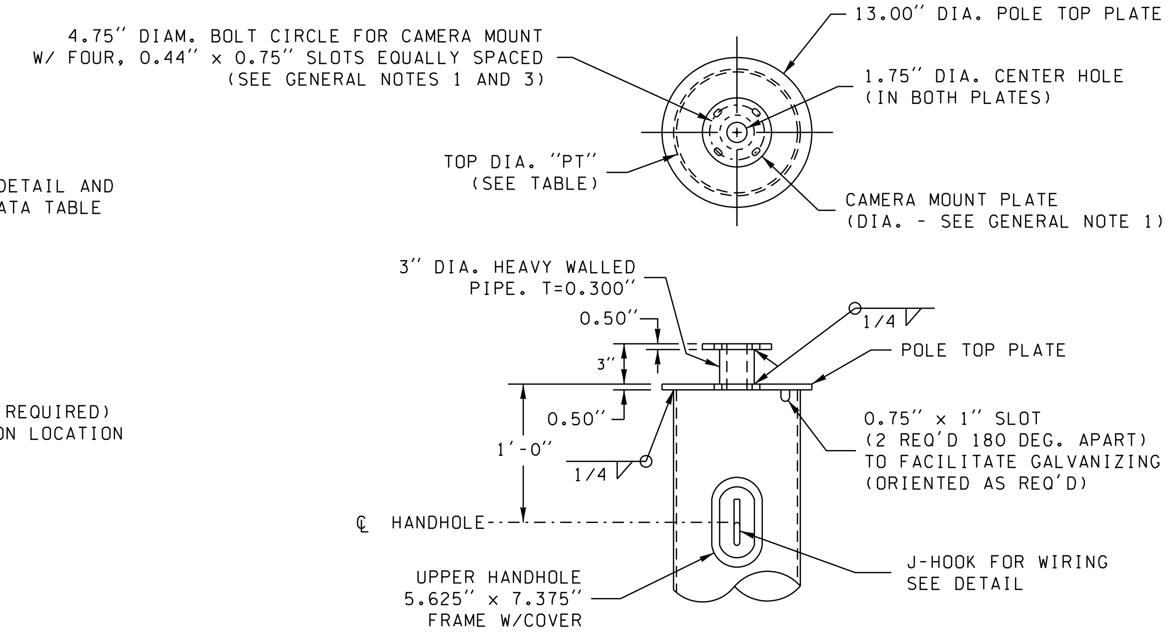
1 SHORING OR EXTRA EXCAVATION AS REQUIRED.

2 FOUNDATION TOP (1'-6") SHALL BE FORMED TO CREATE A SMOOTH CONCRETE SURFACE. ALL EXPOSED FORMING SHALL BE REMOVED UPON COMPLETION OF FOUNDATION CONSTRUCTION.

3 GROUNDING CONDUCTOR #4 AWG STRANDED COPPER WITH 3'-0" MIN. SLACK. CLAMP CONDUCTOR TO REBAR WITH LISTED CONDUCTOR SUITABLE FOR USE EMBEDDED IN CONCRETE. ROUTE CONDUCTOR TO CAMERA POLE GROUNDING STUD.



CAMERA POLE

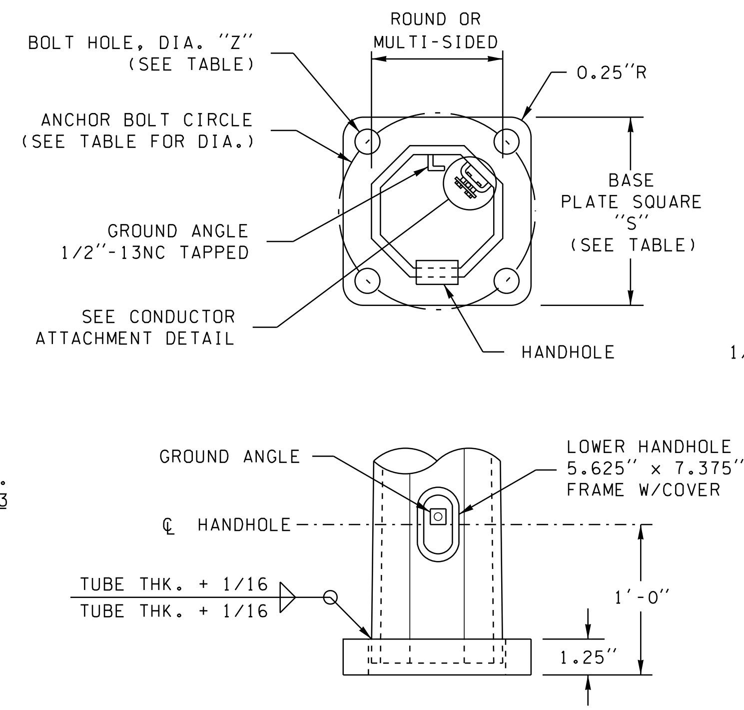


POLE TOP DETAIL

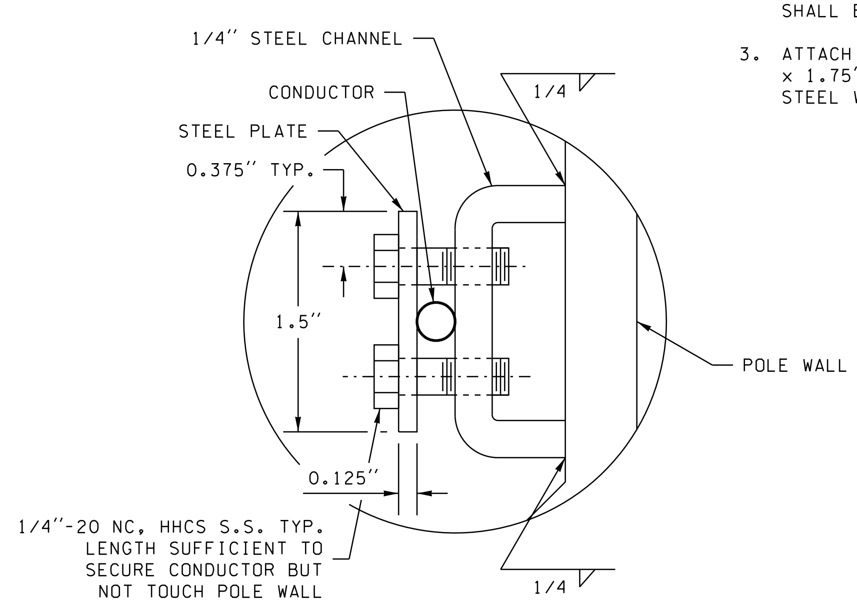
CAMERA POLE DATA							
			POLE TUBE	POLE BASE			ANCHOR BOLT
CAMERA HEIGHT "PL" (FT)	POLE MOUNT TYPE	QTY.	TOP DIA. "PT" (IN)	SQUARE "S" (IN)	BOLT CIRCLE (IN)	HOLE "Z" (IN)	DIA. (IN)
15	ELBOW		8.50	12.00	12.00	1.06	1.00
20	ELBOW		8.50	12.00	12.00	1.06	1.00
30	ELBOW		9.00	25.00	25.50	1.38	1.25
30	GROUND		9.00	25.00	25.50	1.38	1.25
40	ELBOW		9.00	25.00	25.50	1.38	1.25
40	GROUND		9.00	25.00	25.50	1.38	1.25
50	ELBOW		10.00	25.00	25.50	1.38	1.25
50	GROUND		10.00	25.00	25.50	1.38	1.25

GENERAL NOTES:

1. VERIFY POLE TOP CAMERA PLATE, CAMERA MOUNT PLATE, BOLT CIRCLE, AND BOLT HOLES ARE ADEQUATE FOR THE REQUIRED CAMERA PRIOR TO RELEASING POLES FOR MANUFACTURING.
2. STEEL SHALL BE GALVANIZED AFTER FABRICATION PER ASTM A123 AND A153. FASTENERS LESS THAN 0.50" IN DIAMETER SHALL BE STAINLESS OR BRASS.
3. ATTACH CAMERA TO MOUNT PLATE USING FOUR (4) 3/8"-16UNC x 1.75" STAINLESS STEEL BOLTS WITH EIGHT (8) STAINLESS STEEL WASHERS AND FOUR (4) LOCK-NUTS WITH NYLON INSERTS.

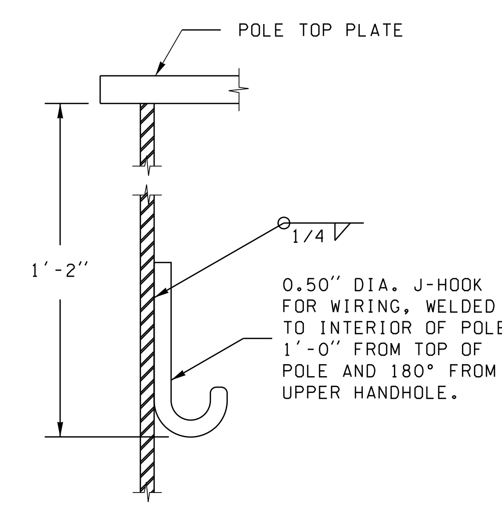


POLE BASE DETAIL



CONDUCTOR ATTACHMENT DETAIL

CONDUCTOR ATTACHMENTS DETAILS MAY VARY PER MANUFACTURER



J-HOOK FOR WIRING

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REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY

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JOB NUMBER

CONTRACT NO. | LOCATION NO.

P.E. STAMP BOX — DATE

DUKE HUU DO — STATE OF WASHINGTON — 31740 — REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX — DATE

Washington State Department of Transportation

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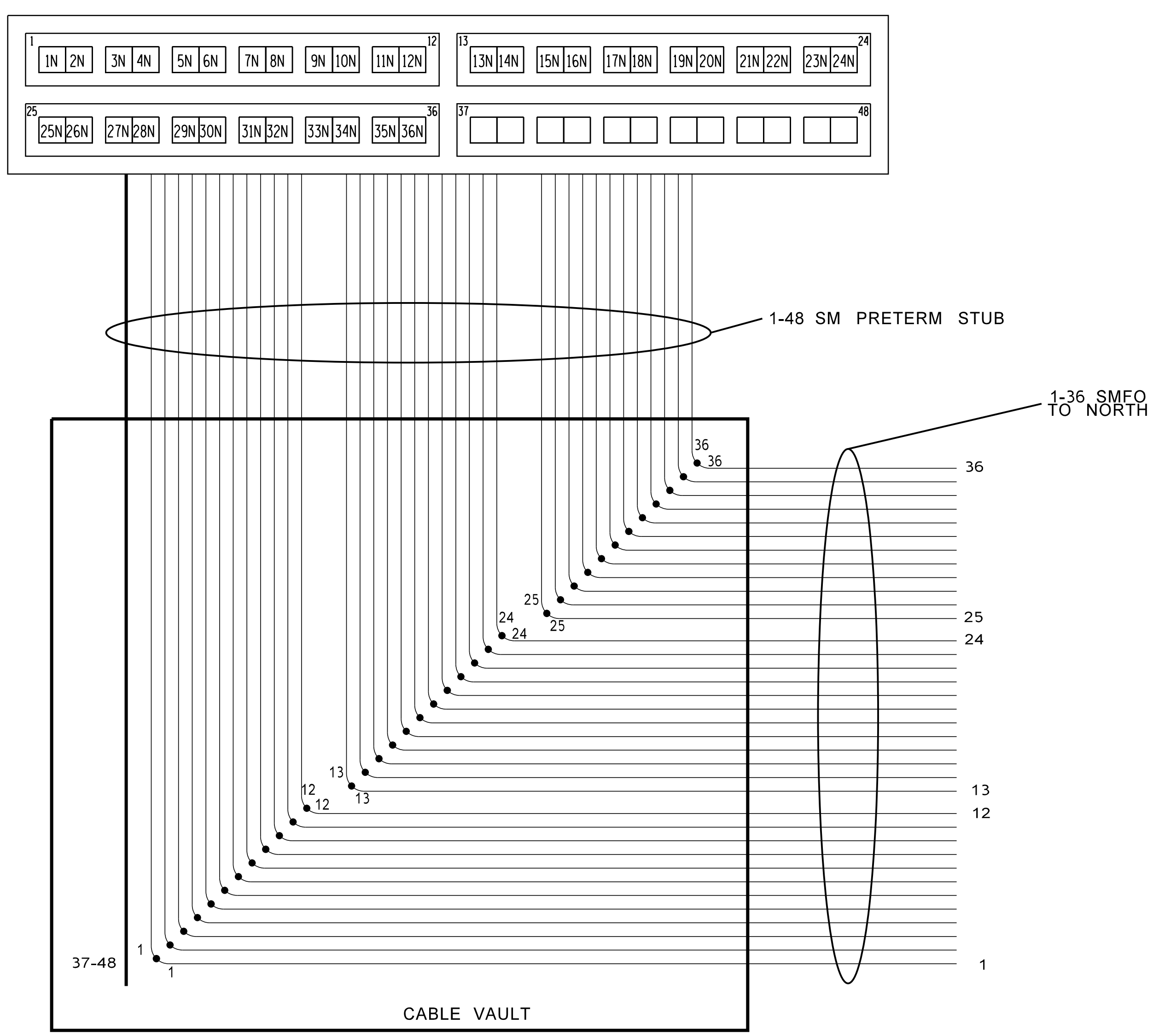
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

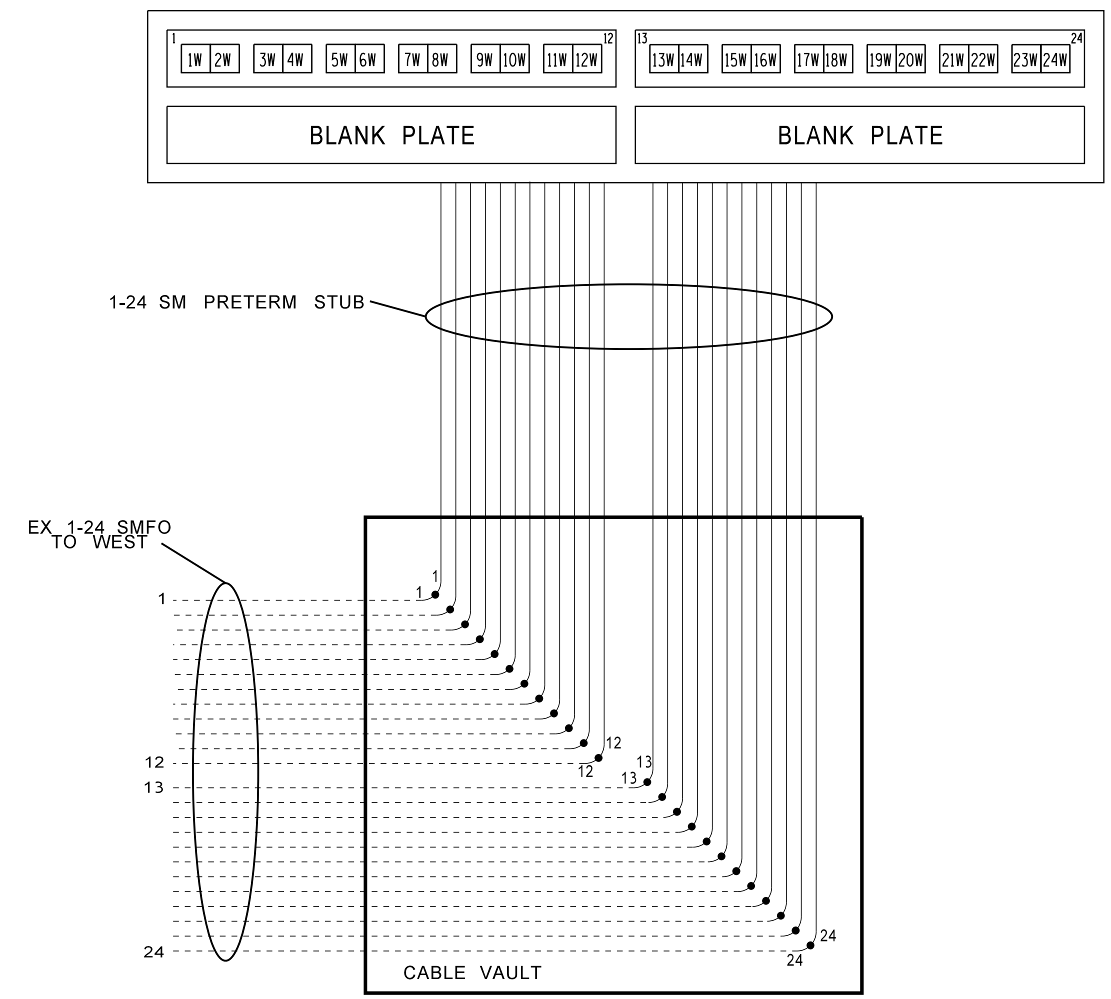
ITS DETAILS

Plot 14
PLAN REF NO TSDT4
SHEET 106 OF 161 SHEETS

009es01532 PRETERM PANEL LAYOUT



009vc01544 MARKET PL PRETERM PANEL LAYOUT



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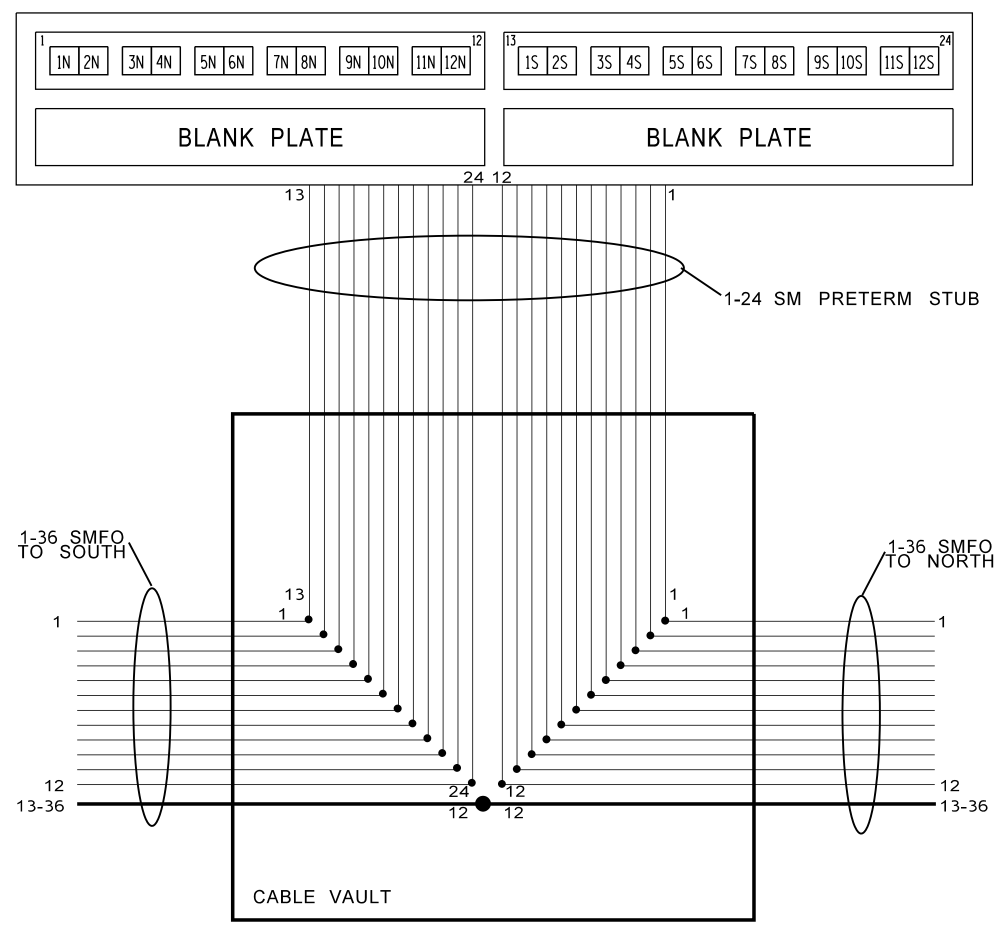
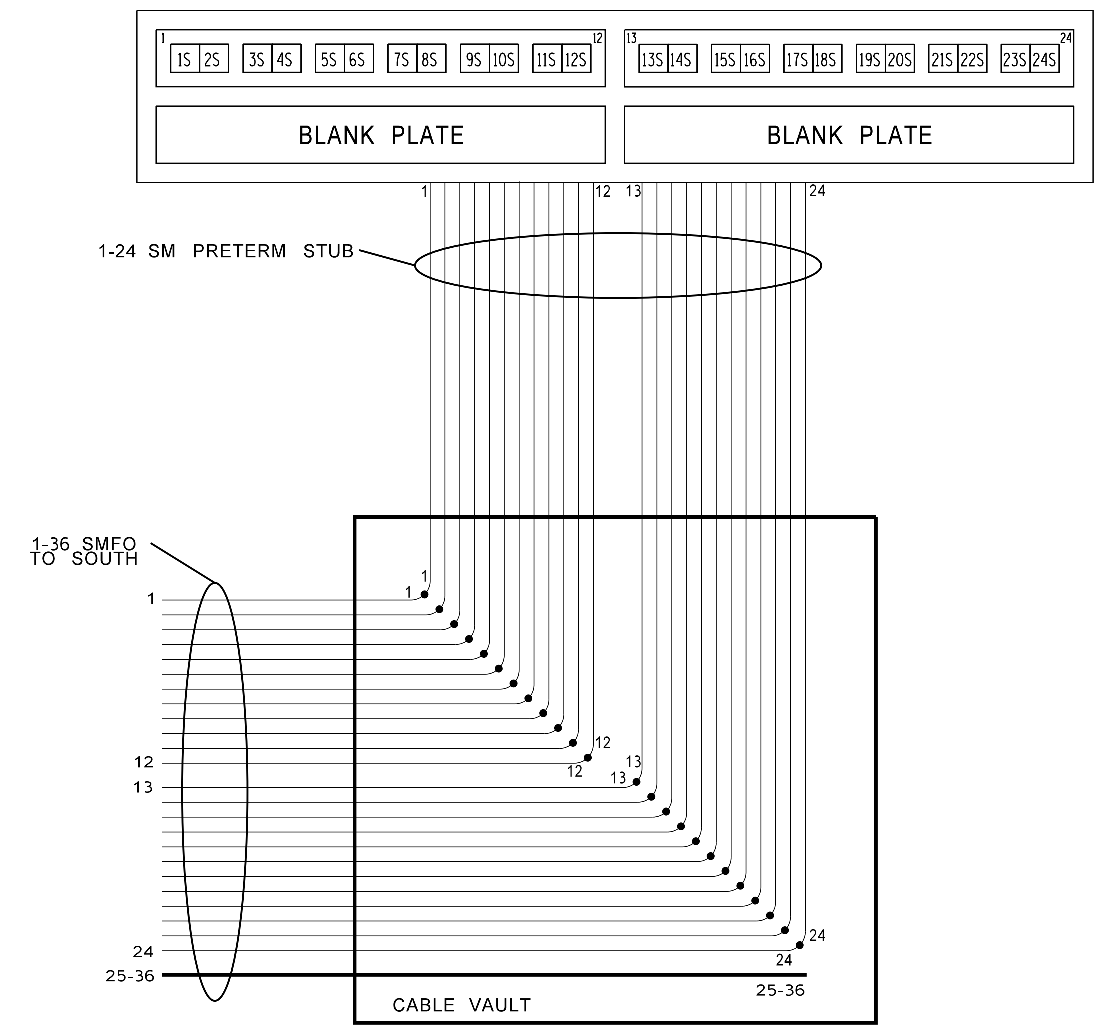
Plot 15
PLAN REF NO TSDT5
SHEET 107 OF 161 SHEETS

009vc01544 SR 9 PRETERM PANEL LAYOUT



009es01555 PRETERM PANEL LAYOUT



GENERAL NOTES:

1. ALL STRANDS NOT IDENTIFIED IN THE PRETERM PANEL SHALL BE THROUGH-SPLICED IN THE CLOSURE.

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SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

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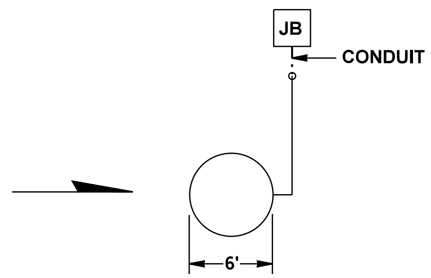
Plot 16

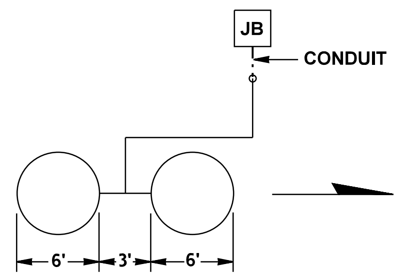
PLAN REF NO TSDT6

SHEET 108 OF 161 SHEETS

R1

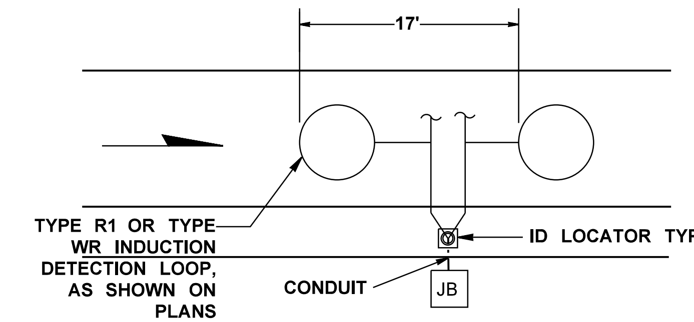


R2

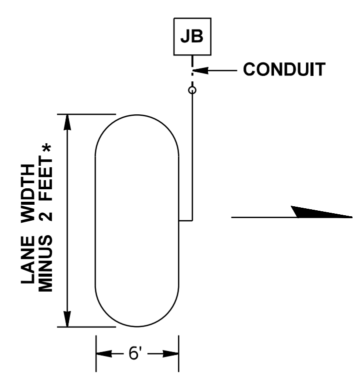


SPEED DETECTION LAYOUT

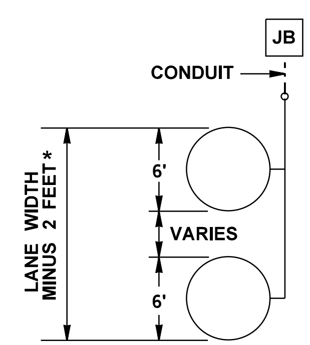
FOR TYPE R1 OR WR LOOP



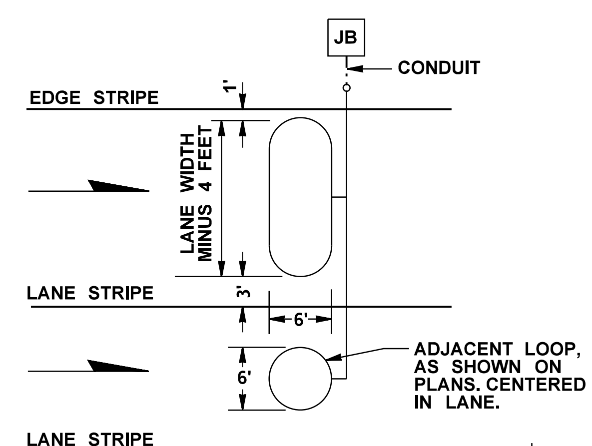
WR



WR ALTERNATIVE



WR - DETAIL 2



* IF WR LOOP IS NEXT TO A LOOP IN AN ADJACENT LANE, THE SIZE AND SPACING OF THE WR LOOP SHALL BE AS SHOWN IN "WR - DETAIL 2."

FOR LANES WIDER THAN 12 FEET

NOT TO SCALE

LOOP DETAILS 1 OF 3

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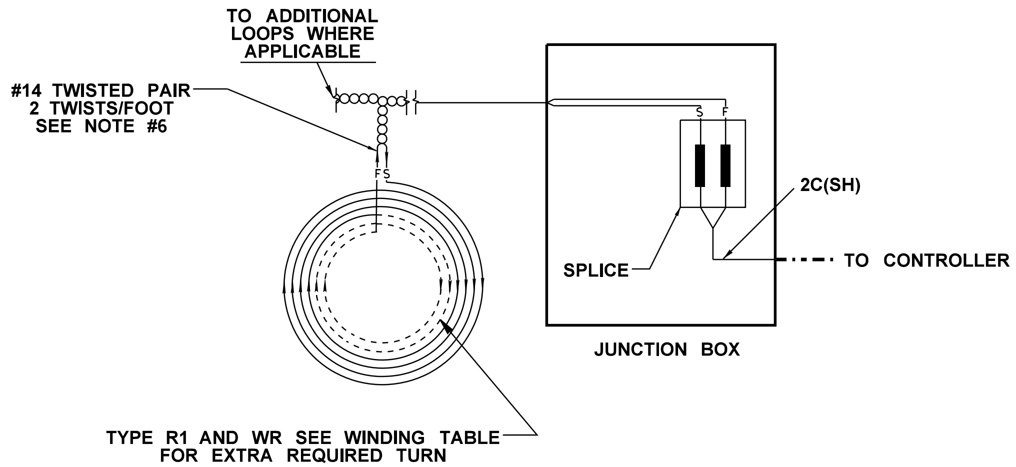
ITS DETAILS

Plot 18

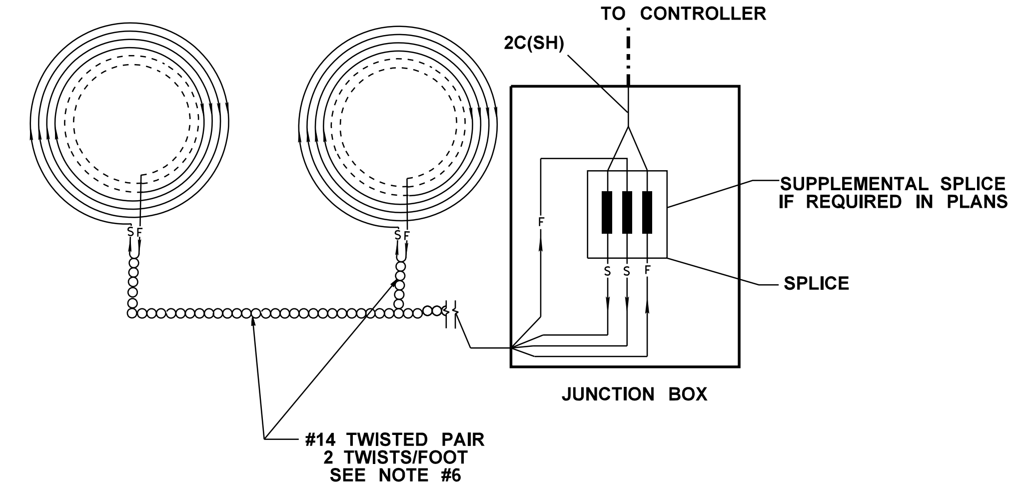
PLAN REF NO TSDT7

SHEET 109 OF 161 SHEETS

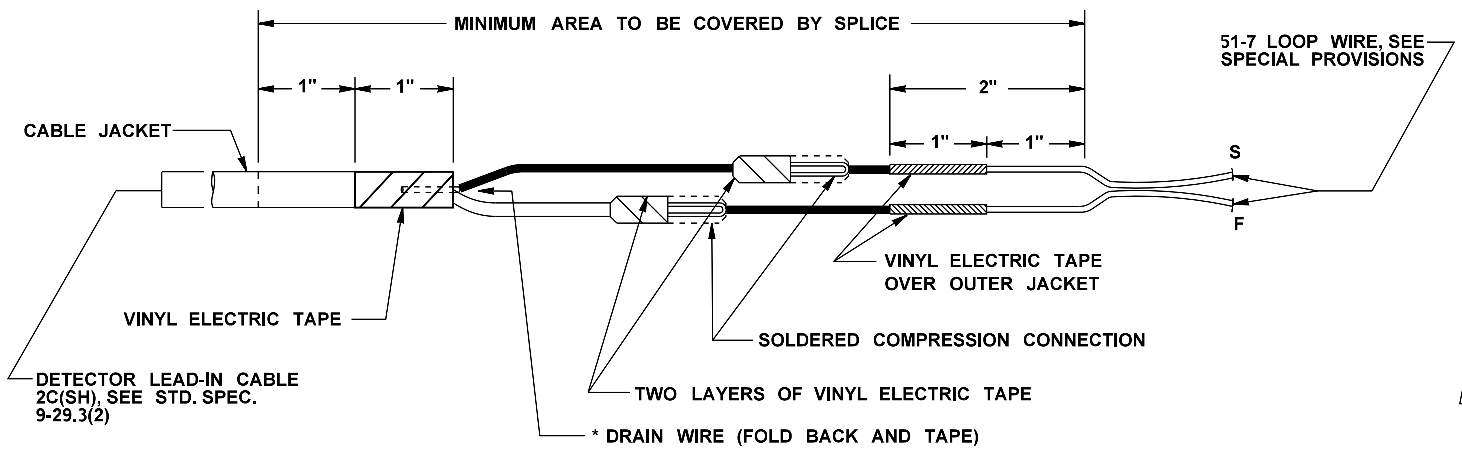


TYPE R1 AND TYPE WR INDUCTION LOOPS
LOOP WINDING DETAILS

TYPE R1 AND WR WINDING TABLE	
CONTROLLER TO LOOP DISTANCE (FT)	TURNS
0 - 400	4
401 - 600	5
601 +	6

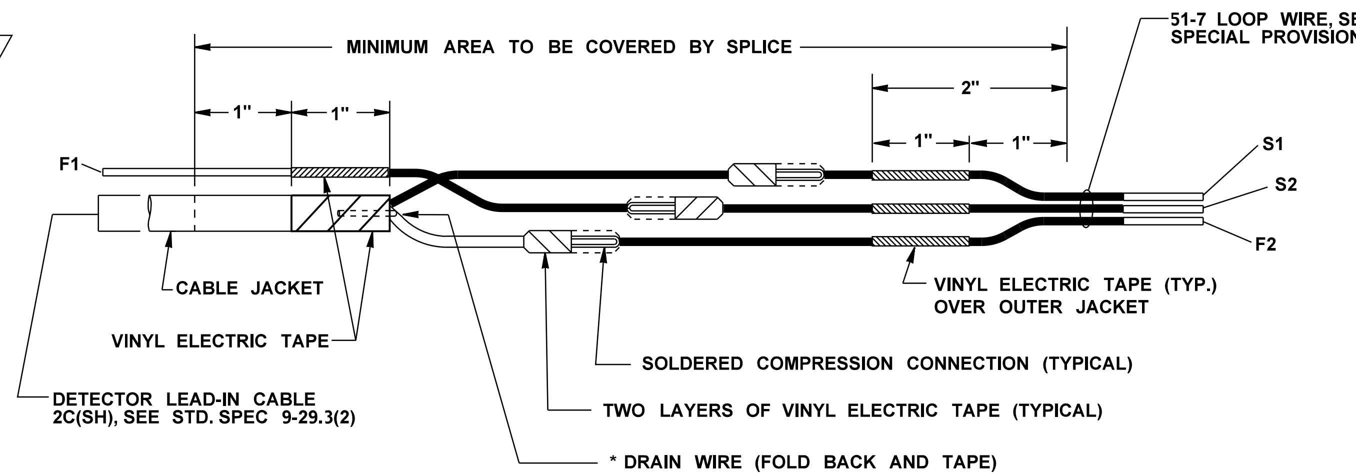


TYPE R2 AND MODIFIED TYPE WR INDUCTION LOOPS
LOOP WINDING DETAIL



* GROUND DRAIN WIRE AT AMPLIFIER ONLY.
SEE SPECIAL PROVISIONS FOR SPLICE MATERIAL.

TYPE R1 AND TYPE WR INDUCTION LOOPS
SPLICE DETAILS



* GROUND DRAIN WIRE AT AMPLIFIER ONLY.
SEE SPECIAL PROVISIONS FOR SPLICE MATERIAL.

TYPE R2 AND MODIFIED TYPE WR INDUCTION LOOPS
SPLICE DETAIL

NOTE: SPLICE KITS SHALL BE CENTERED ON CONDUCTORS AND SUFFICIENT SLACK SHALL BE PROVIDED THAT THE SPLICE CAN BE RAISED A MINIMUM OF 18" ABOVE GROUND LINE.

NOT TO SCALE

LOOP DETAILS 2 OF 3

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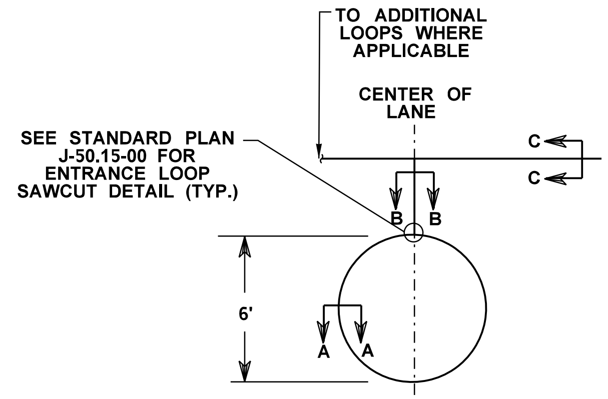
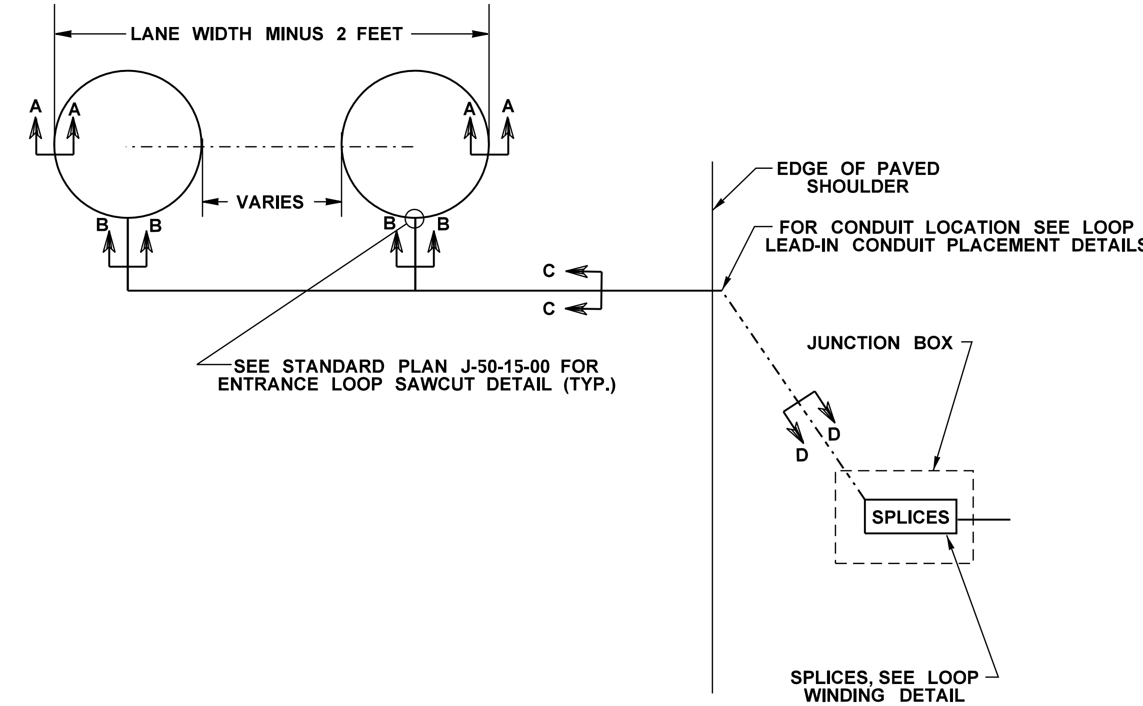
ITS DETAILS

Plot 19
PLAN REF NO TSDT8
SHEET 110 OF 161 SHEETS



TYPE R1 INDUCTION LOOP



MODIFIED TYPE WR INDUCTION LOOP

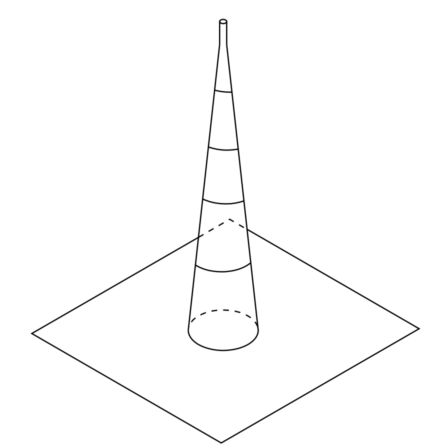
LOOP INSTALLATION NOTES

1. SEE STANDARD PLAN J-50.15-00 FOR ADDITIONAL LOOP DETAILS AND NOTES.
2. COMPLETE INSTALLATION AND TEST LOOP CIRCUITS OR COMBINATION LOOP CIRCUITS. SEE STANDARD SPECIFICATION 8-20.3(14)D.
3. SEE SPECIAL PROVISIONS FOR SEALANT TO ENCAPSULATE CONDUCTORS.
4. SEE SPECIAL PROVISIONS FOR 51-7 LOOP WIRE - #14 AWG.
5. SPLICE LOOP LEADS OR SUPPLEMENTAL SPLICE LEADS TO NEW OR EXISTING SHIELDED CABLE.
6. SEAL ENDS OF CONDUIT WITH ELECTRICAL PUTTY OR SILICONE.
7. IMSA WIRE END SHALL BE SEALED PRIOR TO USE OF RUBBER TAPE OR DUCT SEAL.
8. CABLE IDENTIFICATION SLEEVES SHALL BE VERIFIED BEFORE SPLICES ARE MADE.
9. THE NUMBER OF LOOP TURNS FOR R1 AND WR LOOPS VARY DEPENDING ON THE DISTANCE BETWEEN THE LOOPS AND THE CONTROLLER. NUMBER OF TURNS SHALL BE AS SHOWN IN THE WINDING TABLES IN THE ITS DETAIL.
10. LOOPS SHALL BE INSTALLED PRIOR THE FINAL LIFT OF HMA (ASPHALT).
11. IN THE NEW PAVEMENT AND PAVEMENT WITH HMA OVERLAY, LOOP "ID LOCATOR" SHALL BE INSTALLED ON THE TOP OF EACH STUB-OUT CONDUIT.
12. CENTER INDUCTION LOOP VEHICLE DETECTOR BETWEEN LANE LINES.
13. JUNCTION BOXES SHALL BE SIZED AS SHOWN IN THE ITS PLAN SHEETS.

ITS STUB-OUT CONDUIT SIZE WITH 51-7 LOOP WIRE

LOOP LEAD PAIRS	1-6	7-12
CONDUIT SIZE (MIN.)	2	2-2

TABLE A



RUBBER LOOP ID LOCATOR
3.5" SQUARE X 4" TALL
GRAY COLOR

NOT TO SCALE

LOOP DETAILS 3 OF 3

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REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY

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IMPROVEMENTS (STAGE 2)

ITS DETAILS

Plot 20
PLAN REF NO
TSDT9
SHEET
111
OF
161
SHEETS

SIGN SPECIFICATIONS

GENERAL NOTES (GN):

A) **POST LENGTHS AND "W" VALUES SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION AND INSTALLATION.**
B) FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SERIES "G".
C) FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.
D) ALL 2.5" PERFORATED SQUARE STEEL TUBE (PSST) POSTS SHALL BE 12 GAGE.
E) 2.5" SQ (SB) AND 2.5" SQ (5) PSST POSTS SHALL HAVE A 12 GAGE 2 1/4" PSST INSERT OF THE SAME LENGTH.
F) SEE STANDARD PLAN G-24.40.
G) ALL WIDE FLANGE STEEL POSTS SHALL BE ASTM A36.
H) ALL ROUND STEEL POSTS ARE MEASURED TO OUTSIDE DIAMETER AND SHALL HAVE TYPE AP SIGN SUPPORTS.
I) ALL SIGNS 36" OR WIDER SHALL BE BRACED IN ACCORDANCE WITH STANDARD PLAN G-50.10.
J) 5", 6", 7" AND 8" SQUARE STEEL TUBE SIGN POSTS SHALL HAVE TYPE TP-B BASES. ASTM A36 W6x12 FOUNDATION SPECIFICATIONS SHALL BE USED UNLESS OTHERWISE NOTED IN THE PLANS .
K) ALL 3" SOLID SQUARE STEEL TUBE POSTS SHALL BE 7 GAGE.
L) SEE STANDARD PLAN G-24.50.
M) ALL OVERHEAD SIGN MOUNTING HARDWARE SHALL BE NEW UNLESS OTHERWISE SHOWN ON THE PLANS OR SIGN SPECIFICATION SHEETS.

OVERHEAD SHEETING

TYPE OF SIGN	SHEETING TYPE	
	BACKGROUND	LEGEND / BORDER
GUIDE	IV	XI
EXIT ONLY / LEFT PLAQUE	IV	XI
STREET NAME	IV	XI
REGULATORY	IV	N/A
WARNING	IX OR XI	N/A

ABBREVIATIONS LEGEND

AAH	ADOPT A HIGHWAY
AHD	AHEAD
BR MOUNT	BRIDGE MOUNTED SIGN BRACKET
BTWN	BETWEEN
CANT	CANTILEVER
CL	CENTER LINE
CN	CONSTRUCTION NOTE
CONT	CONTINUED
EX OR EXIST	EXISTING
FY	FLUORESCENT YELLOW
HAR	HIGHWAY ADVISORY RADIO
I/S	INTERSECTION
LT	LEFT
LT STD	LIGHT STANDARD
MOD	MODIFIED
MP	MILE POST
MTG HDWR	MOUNTING HARDWARE
N/A	NOT APPLICABLE
NO.	NUMBER
PED	PEDESTRIAN
PERP	PERPENDICULAR
PSST	PERFORATED SQUARE STEEL TUBE
R-	REMOVAL
RT	RIGHT
SIG POLE	SIGNAL POLE
SIGN BR	SIGN BRIDGE
SB	SLIP BASE
SQ	SQUARE
STA	STATION
TYP	TYPICAL
W/	WITH
XING OR X-ING	CROSSING

2 1/2" PERFORATED & 3" SQUARE STEEL TUBE SIGN POST SUPPORTS

POST SIZE (#)	CALL OUT IN THE POST SIZE COLUMN	SIGN SUPPORT TYPE	GENERAL NOTE
2 1/2"	2.5" SQ (1)	ST-1	D, L
2 1/2"	2.5" SQ (4)	ST-4	D, L
2 1/2"	2.5" SQ (SB)	SB-1, SB-2 OR SB-3	D, E, F
2 1/2"	2.5" SQ (5)	ST-4	D, E, L
3"	3" SQ (SB)	SB-1 OR SB-3	K, F
3"	3" SQ (5)	ST-4	K. L

DESIGNED BY	E. HAVENS			
ENTERED BY	E. HAVENS			
CHECKED BY	L. ANGLIN			
PROJ. ENGR.	K. NDILE			
REGION ADM.	M. COTTON			
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CONTRACT NO.		

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SR 9
SR 204 INTERSECTION IMPROVEMENT (STAGE 2)

SIGN SPECIFICATIONS

SS 1

SHEET 112 **OF** 161 **SHEETS**

SIGN SPECIFICATIONS

SIGN NO.	SIGN CODE	SIGN DESCRIPTION	STA. LOC. (or MP)	SIGN SIZE X	SIGN SIZE Y	SHEETING TYPE	LETTER SIZE OR CODE	POST MATERIAL	POST SIZE	POST LENGTH H1	POST LENGTH H2	POST LENGTH H3	POST LENGTH H4	CLEARANCE V	CLEARANCE W	REMARKS
1		SPEED LIMIT (40)	A 236+57 RT											7'	CN 3	RELOCATE SIGN AND POST IN NEW TYPE ST-4 SUPPORT
R-2A		SIGNAL AHEAD (SYMBOL)	A 237+51 RT													REMOVE SIGN, STEEL POST, AND FOUNDATION
2B	D3-201 MOD	MARKET PL	"	48"	12"	III or IV	SEE DETAIL	STEEL	2.5" SQ (4)	12'				7'	CN 3	INSTALL ABOVE SIGN 2C
2C	W3-3	SIGNAL AHEAD (SYMBOL)	"	36"	36"	III or IV	STANDARD									
3	D4-301	PARK & RIDE (RIGHT)	A 239+94 RT	36"	48"	III or IV	STANDARD	STEEL	2.5" SQ (4)	12'				7'	CN 3	
R-4		PARK & RIDE (RIGHT)	"													REMOVE SIGN, STEEL POST, AND FOUNDATION
5		FOOD NEXT LEFT	A 242+66 RT												CN 3	RELOCATE SIGN AND POSTS (2) IN NEW TYPE ST-4 SUPPORTS
R-6A		HIGHWAY 9	A 247+85 RT													REMOVE SIGN FROM SIGNAL POLE MAST ARM
6B	D3-101 MOD	SR 9	"	48"	16"	IV	SEE DETAIL	MAST ARM	OVERHEAD							MOUNT ON EXISTING SIGNAL POLE MAST ARM
R-7		LEFT TURN YIELD ON GREEN BALL	A 248+05 RT													REMOVE SIGN FROM SIGNAL POLE MAST ARM
																NOT USED
R-9		MARKET PL	A 248+80 RT													REMOVE SIGN FROM SIGNAL POLE MAST ARM
10	D3-101 MOD	MARKET PL	A 248+97 RT	66"	16"	IV	SEE DETAIL	MAST ARM	OVERHEAD							MOUNT ON NEW SIGNAL POLE MAST ARM
11		STATE ROUTE 9 (NORTH)	A 249+65 RT												CN 1	RELOCATE SIGN AND POST IN NEW TYPE ST-4 SUPPORT
12		CONNECTING WA	A 250+61 RT												CN 1	RELOCATE SIGN AND POSTS (2) IN NEW TYPE ST-4 SUPPORTS
13	R2-1	SPEED LIMIT (40)	A 251+31 RT	36"	48"	III or IV	STANDARD	STEEL	2.5" SQ (4)	14'				7'	CN 1	
R-14		SPEED LIMIT (40)	"													REMOVE SIGN, STEEL POST, AND FOUNDATION
15	D1-501 MOD	SR 204 (WEST) EVERETT	A 252+56 RT	8' 6"	5' 6"	III or IV	SEE DETAIL	STEEL	2.5" SQ (4)	13'	13'			7'	CN 1	
R-16		SR 204 (WEST) EVERETT	"													
17	R3-7R	RIGHT LANE MUST TURN RIGHT	A 252+48 LT	30"	30"	III or IV	STANDARD	STEEL	2.5" SQ (4)	11'				7'	CN 3	
R-18A		RIGHT LANE MUST TURN RIGHT	A 251+63 LT													REMOVE SIGNS (2) AND WOOD POSTS (2)
R-18B		SNOHOMISH 6 - SEATTLE 35	"													
19	E8-1 MOD	SNOHOMISH 6 - SEATTLE 35	"	9'	3' 6"	III or IV	SEE DETAIL	STEEL	2.5" SQ (4)	12'	12'			7'	CN 3	
20	D3-101 MOD	SR 9	A 248+91 LT	48"	16"	IV	SEE DETAIL	MAST ARM	OVERHEAD							MOUNT ON NEW SIGNAL POLE MAST ARM
R-21		HIGHWAY 9	A 248+83 LT													REMOVE SIGN FROM SIGNAL POLE MAST ARM
R-22		LEFT TURN YIELD ON GREEN BALL	A 248+53 LT													REMOVE SIGN FROM SIGNAL POLE MAST ARM
R-23		MARKET PL	A 247+76 LT													REMOVE SIGN FROM SIGNAL POLE MAST ARM
24	D3-101 MOD	MARKET PL	A 247+57 LT	66"	16"	IV	SEE DETAIL	MAST ARM	OVERHEAD							MOUNT ON NEW SIGNAL POLE MAST ARM
R-25A		NO RIGHT TURN (SYMBOL)	A 254+02 RT													REMOVE SIGNS (2) AND WOOD POST
R-25B		ADDED LANE SYMBOL RIGHT	"													

GENERAL NOTES:

POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION.
FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES "G".
FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.

CONSTRUCTION NOTES:

1. EDGE(S) OF SIGN SHALL BE 2' FROM FACE OF CURB. STATION LOCATION TO BE ADJUSTED AS NECESSARY.
2. EDGE(S) OF SIGN SHALL BE 12' FROM EDGE OF TRAVELED WAY. STATION LOCATION TO BE ADJUSTED AS NECESSARY.
3. EDGE(S) OF SIGN SHALL BE 6' FROM EDGE OF PAVED SHOULDER. STATION LOCATION TO BE ADJUSTED AS NECESSARY.

DESIGNED BY	E. HAVENS			
ENTERED BY	E. HAVENS			
CHECKED BY	L. ANGLIN			
PROJ. ENGR.	K. NDILE			
REGION ADM.	M. COTTEN	**REVISION**	**DATE**	**BY**

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENT (STAGE 2)

SIGN SPECIFICATIONS

SS 2

SHEET 113 **OF** 161 **SHEETS**

SIGN SPECIFICATIONS

SIGN NO.	SIGN CODE	SIGN DESCRIPTION	STA. LOC. (or MP)	SIGN SIZE X	SIGN SIZE Y	SHEETING TYPE	LETTER SIZE OR CODE	POST MATERIAL	POST SIZE	POST LENGTH H1	POST LENGTH H2	POST LENGTH H3	POST LENGTH H4	CLEARANCE V	CLEARANCE W	REMARKS
26	R4-7	KEEP RIGHT (SYMBOL)	A 255+18 RT	24"	30"	III or IV	STANDARD	STEEL	2.5" SQ (4)	11'				7'	CN 1	
R-27A		4TH ST NE	A 255+20 RT													REMOVE SIGNS (3) AND POST
R-27B		92ND AVE NE	"													
R-27C		CHEVRON	"													
28A	R1-1	STOP	A 255+27 RT	36"	36"	III or IV	STANDARD	STEEL	2.5" SQ (4)	12'				8'	CN 1	
28B	R3-5R	RIGHT ONLY ARROW	"	30"	36"	III or IV	STANDARD							5'		INSTALL UNDER SIGN 28A
R-29		CHEVRON	A 255+36 RT													REMOVE SIGN AND WOOD POST
R-30A		TO SR 9 NEXT LEFT	D 11+99 LT													REMOVE SIGN AND WOOD POST
30B	R3-6 MOD	TO SR 9 - TO 92 AVE NE	"	36"	36"	III or IV	SEE DETAIL	STEEL	2.5" SQ (4)					7'	CN 1	
R-31		CHEVRON	A 255+52 RT													REMOVE SIGN AND WOOD POST
R-32		CHEVRON	A 255+70 RT													REMOVE SIGN AND WOOD POST
R-33		DO NOT ENTER	A 255+76 RT													REMOVE SIGN AND WOOD POST
34A	R1-1	STOP	A 255+83 RT	36"	36"	III or IV	STANDARD	STEEL	2.5" SQ (4)	12'				7'	CN 3	
34B	R3-5R	RIGHT ONLY ARROW	"	30"	36"	III or IV	STANDARD							5'		INSTALL UNDER SIGN 34A
R-35		STATE ROUTE 9 NORTH (DIA LEFT)	A 256+46 RT													REMOVE SIGN AND WOOD POST
R-36		DO NOT ENTER	A 256+44 RT													REMOVE SIGN, STEEL POST, AND FOUNDATION
R-37		STOP	A 256+56 RT													REMOVE SIGNS (2) AND WOOD POST
38A	R5-1	DO NOT ENTER	A 256+79 RT	30"	30"	III or IV	STANDARD	STEEL	2.5" SQ (4)	10'				5'	CN 1	
38B	R6-1R	ONE WAY (RIGHT)	"	36"	12"	III or IV	STANDARD							8'		INSTALL ABOVE SIGN 38A
39A	R1-1	STOP	A 257+12 RT	36"	36"	III or IV	STANDARD	STEEL	2.5" SQ (4)	12'				5'	CN 1	
39B	R3-5R	RIGHT ONLY ARROW	"	30"	36"	III or IV	STANDARD							8'		INSTALL UNDER SIGN 39A
40A	R1-1	STOP	A 257+14 RT	36"	36"	III or IV	STANDARD	STEEL	2.5" SQ (4)	12'				5'	CN 1	
40B	R3-5L	LEFT ONLY ARROW	"	30"	36"	III or IV	STANDARD							8'		INSTALL UNDER SIGN 40A
R-41		STATE ROUTE 9 NORTH (RIGHT)	A 257+26 RT													REMOVE SIGN, STEEL POST, AND FOUNDATION
42	W14-1	DEAD END	48.002792 N -122.105737 E	36"	36"	III or IV	STANDARD	STEEL	2.5" SQ (4)	11'				7'	CN 3	
																NOT USED
R-44		NO LEFT TURN (SYMBOL)	A 256+44 LT													REMOVE SIGN, STEEL POST, AND FOUNDATION
45	R3-2	NO LEFT TURN (SYMBOL)	A 255+64 LT	30"	30"	III or IV	STANDARD	STEEL	2.5" SQ (4)	11'				7'	CN 1	
R-46		PARK & RIDE (LEFT)	A 254+53 LT													REMOVE SIGN, STEEL POST, AND FOUNDATION
47	D4-301	PARK & RIDE (LEFT)	"	36"	48"	III or IV	STANDARD	STEEL	2.5" SQ (4)	12'				7'	CN 3	

GENERAL NOTES:

POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION.
FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES "G".
FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.

CONSTRUCTION NOTES:

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2. EDGE(S) OF SIGN SHALL BE 12' FROM EDGE OF TRAVELED WAY. STATION LOCATION TO BE ADJUSTED AS NECESSARY.
3. EDGE(S) OF SIGN SHALL BE 6' FROM EDGE OF PAVED SHOULDER. STATION LOCATION TO BE ADJUSTED AS NECESSARY.

DESIGNED BY	E. HAVENS			
ENTERED BY	E. HAVENS			
CHECKED BY	L. ANGLIN			
PROJ. ENGR.	K. NDILE			
REGION ADM.	M. COTTEN	**REVISION**	**DATE**	**BY**

REGION NO.	STATE	FED. AID PROJ. NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENT (STAGE 2)

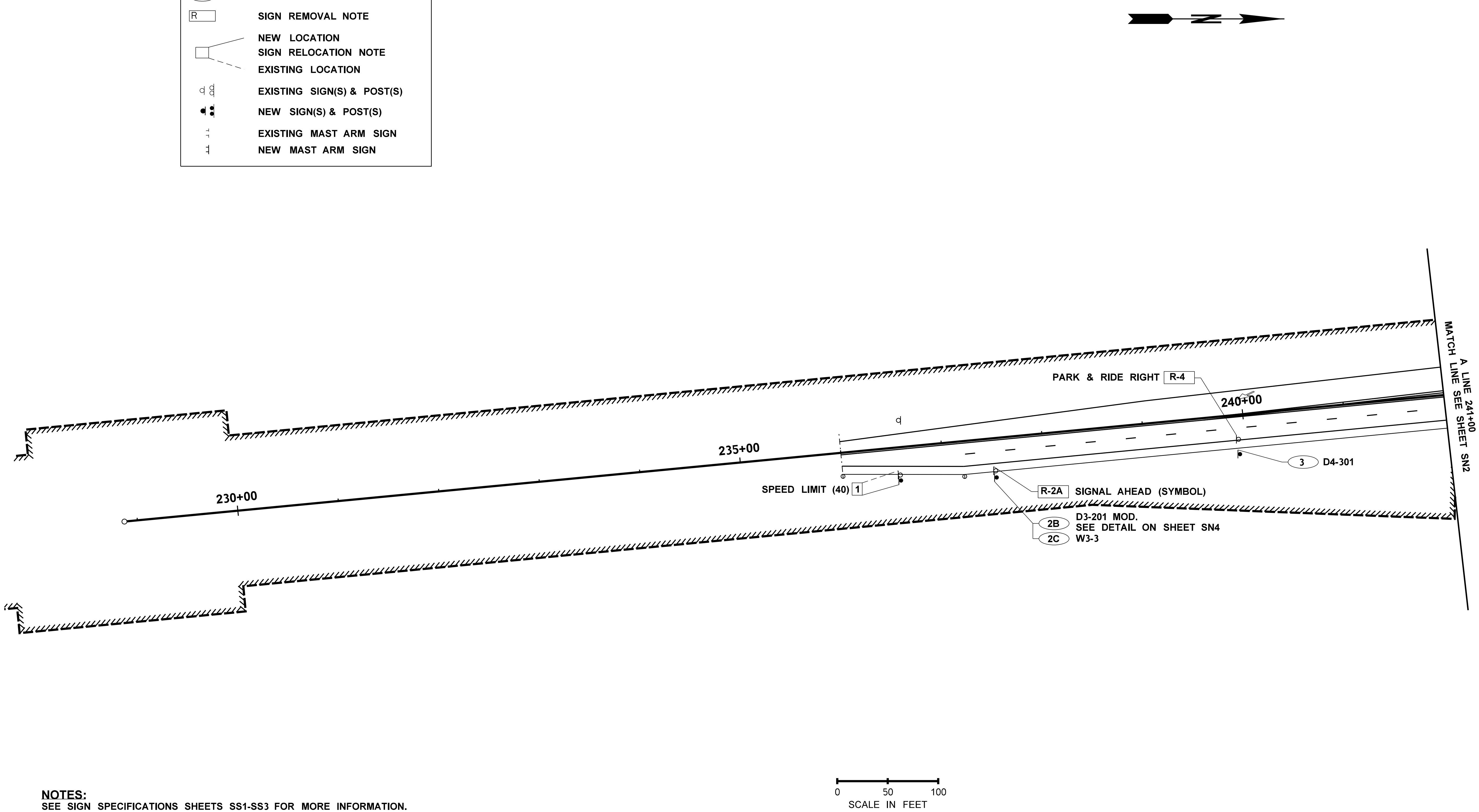
SIGN SPECIFICATIONS

SS 3

SHEET 114 **OF** 161 **SHEETS**

LEGEND

	SIGN INSTALLATION NOTE
R	SIGN REMOVAL NOTE
	NEW LOCATION SIGN RELOCATION NOTE EXISTING LOCATION
	EXISTING SIGN(S) & POST(S)
	NEW SIGN(S) & POST(S)
	EXISTING MAST ARM SIGN
	NEW MAST ARM SIGN



NOTES:
SEE SIGN SPECIFICATIONS SHEETS SS1-SS3 FOR MORE INFORMATION.

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DATE	9/30/2020				
PLOTTED BY	HavensE				
DESIGNED BY	E. HAVENS				
ENTERED BY	E. HAVENS				
CHECKED BY	L. ANGLIN				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX DATE

DUKE HUU DO
STATE OF WASHINGTON
31740
REGISTERED
PROFESSIONAL ENGINEER

P.E. STAMP BOX DATE

Washington State
Department of Transportation

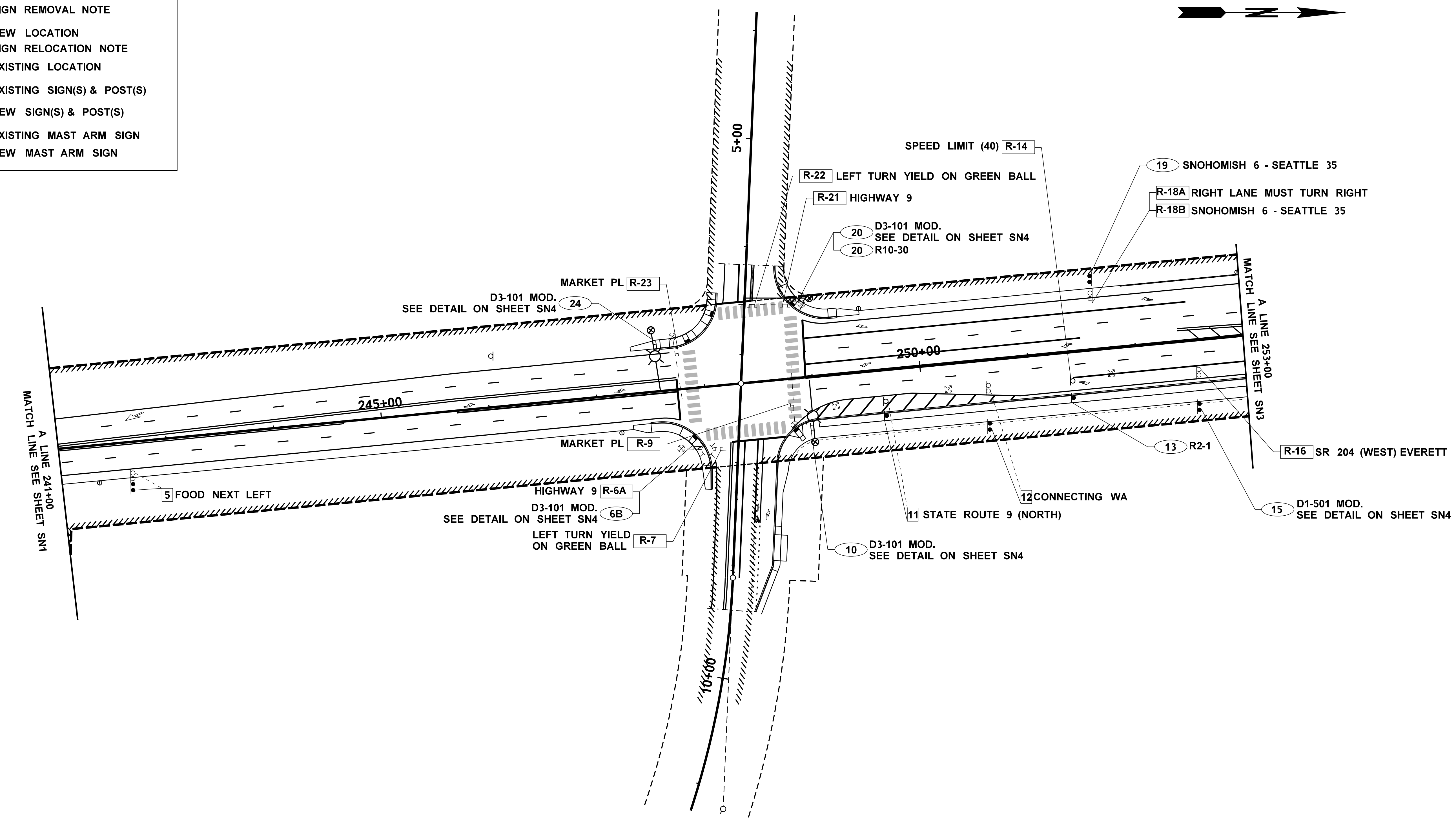
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

SIGNING PLAN

Plot 11
PLAN REF NO
SN1
SHEET
115
OF
161
SHEETS

LEGEND

(ellipse)	SIGN INSTALLATION NOTE
R	SIGN REMOVAL NOTE
	NEW LOCATION SIGN RELOCATION NOTE EXISTING LOCATION
	EXISTING SIGN(S) & POST(S)
	NEW SIGN(S) & POST(S)
	EXISTING MAST ARM SIGN
	NEW MAST ARM SIGN



NOTES:
SEE SIGN SPECIFICATIONS SHEETS SS1-SS3 FOR MORE INFORMATION.

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DESIGNED BY	E. HAVENS		
ENTERED BY	E. HAVENS		
CHECKED BY	L. ANGLIN		
PROJ. ENGR.	K. NDILE		
REGIONAL ADM.	M. COTTEN		
	REVISION	DATE	BY

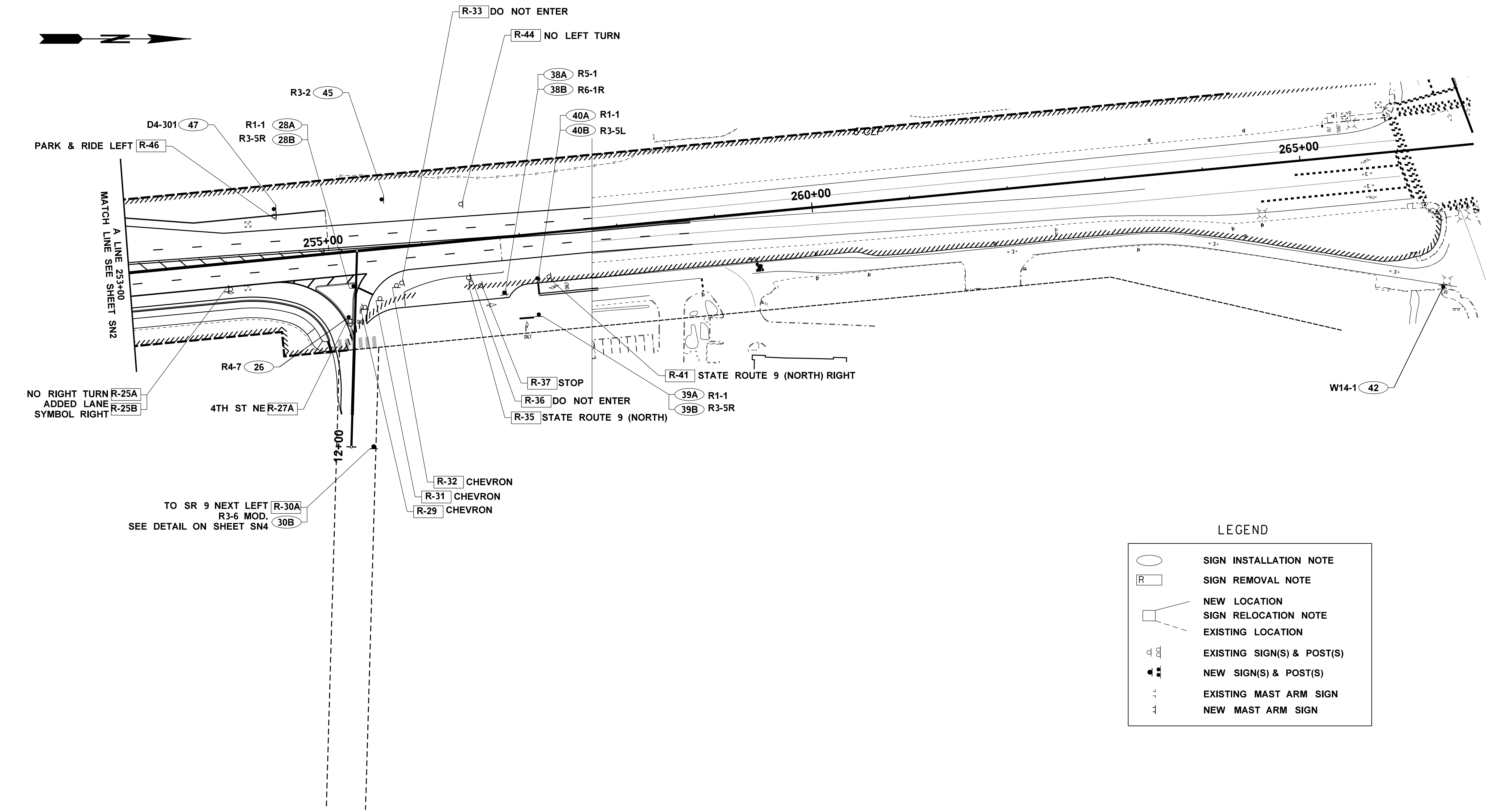
REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER
CONTRACT NO. | LOCATION NO.

P.E. STAMP BOX — DATE
DUKE HUU DO — STATE OF WASHINGTON — 31740 — REGISTERED PROFESSIONAL ENGINEER
P.E. STAMP BOX — DATE

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)
SIGNING PLAN

Plot 12
PLAN REF NO SN2
SHEET 116 OF 161 SHEETS



NOTES:
SEE SIGN SPECIFICATIONS SHEETS SS1-SS3 FOR MORE INFORMATION.

0 50 100
SCALE IN FEET

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DATE	9/30/2020			
PLOTTED BY	HavensE			
DESIGNED BY	E. HAVENS			
ENTERED BY	E. HAVENS			
CHECKED BY	L. ANGLIN			
PROJ. ENGR.	K. NDILE			
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER
CONTRACT NO. | LOCATION NO.

DATE
P.E. STAMP BOX

DUKE HUU DO
STATE OF WASHINGTON
31740
REGISTERED
PROFESSIONAL ENGINEER

DATE
P.E. STAMP BOX

Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

SIGNING PLAN

Plot 13
PLAN REF NO
SN3
SHEET
117
OF
161
SHEETS

48"

12"  6D/4.5D

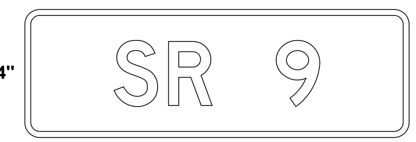
D3-201 MOD
SIGN 2B

66"

16"  8D/6D

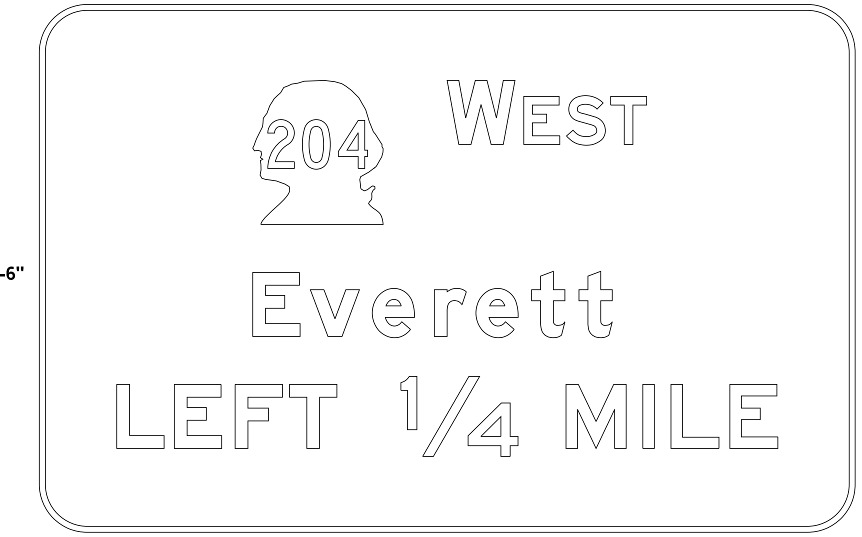
D3-101 MOD
SIGNS 10 & 24

4'

1'-4"  D3-201 MOD SIGN 2B

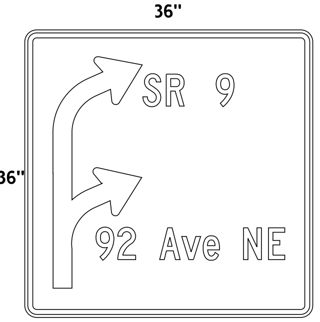
D3-101 MOD
SIGNS 6B & 20

8'-6"

5'-6"  8EM/6EM 18" SHIELD

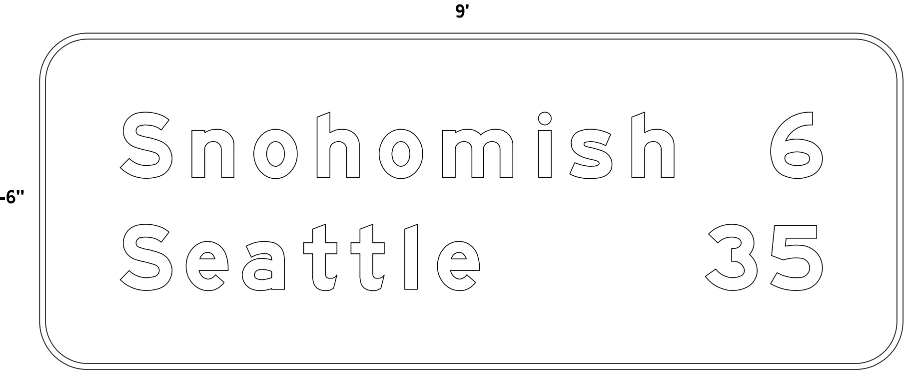
D1-501 MOD
SIGN 15

36"

36"  6D/4.5D ARROWS 11" FORK WIDTH

R3-6 MOD
SIGN 30B

9'

3'-6"  8EM/6EM

E8-1 MOD
SIGN 19

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TIME	11:03:22 AM				
DATE	9/30/2020				
PLOTTED BY	HavensE				
DESIGNED BY	E. HAVENS				
ENTERED BY	E. HAVENS				
CHECKED BY	L. ANGLIN				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	REVISION		DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER

CONTRACT NO. | LOCATION NO.

DATE
P.E. STAMP BOX

DUKE HUU DO
STATE OF WASHINGTON
31740
REGISTERED
PROFESSIONAL ENGINEER

DATE
P.E. STAMP BOX

Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

SIGNING PLAN

PLAN REF NO
SN4

SHEET
118
OF
161
SHEETS

T. 29N. R. 5E. W.M. SEC. 13

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

CLASS A SIGNS
NOT TO SCALE

LEGEND:
CLASS A SIGN - POST MOUNT

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_01.dgn				
TIME	9:06:06 PM				
DATE	9/26/2020				
PLOTTED BY	p0024020				
DESIGNED BY	S. BATES				
ENTERED BY	K. MCWILLIAMS				
CHECKED BY	E. AKE				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES — STATE OF WASHINGTON — 43476 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

PLAN REF NO TC01
SHEET 121 OF 161 SHEETS

MINIMUM TAPER LENGTH = L (feet)

LANE WIDTH (feet)	Posted Speed (mph) 25	30	35	40	45	50	55	60	65	70
10	105	150	205	270	450	500	550	-	-	-
11	115	165	225	295	495	550	605	660	-	-
12	125	180	245	320	540	600	660	720	780	840

SIGN SPACING = X (1)

FREEWAYS & EXPRESSWAYS	55 / 70 MPH	1500' ± (OR AS PER MUTCD)
RURAL HIGHWAYS	60 / 65 MPH	800' ±
RURAL ROADS	45 / 55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35 / 40 MPH	350' ±
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25 / 30 MPH	200' ± (2)
URBAN STREETS	25 MPH OR LESS	100' ± (2)

(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMPS, AT-GRADE INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

CHANNELIZATION DEVICE SPACING (feet)

MPH	TAPER	TANGENT
50/70	40	80
35/45	30	60
25/30	20	40

MINIMUM SHOULDER TAPER LENGTH = L/3 (feet)

SHOULDER WIDTH (feet)	Posted Speed (mph) 25	30	35	40	45	50	55	60	65	70
8	40	40	60	90	120	130	150	160	170	190
10	40	60	90	90	150	170	190	200	220	240

USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THEN 8'.

BUFFER DATA

LONGITUDINAL BUFFER SPACE = B

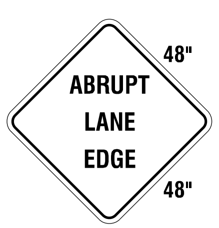
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	155	200	250	305	360	425	495	570	645	730

TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R

HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs.			HOST VEHICLE WEIGHT > 22,000 lbs.		
< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH
100'	123'	172'	74'	100'	150'

W21-1701

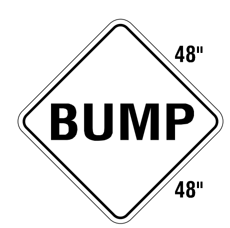
REQUIRED WARNING SIGN - LOCATE AS NEEDED FOR SITE CONDITION PER RCW 47.36.200



W21-801

W8-2001

W8-1801



W8-1

MOTORCYCLE WARNING SIGN (W21-1701) SHOULD BE INSTALLED AT 1 MILE SPACING, THROUGHOUT THE WORK ZONE WHERE THE CONDITION EXISTS. AS PART OF A SEQUENCE OF OTHER APPROPRIATE STANDARD WARNING SIGNS, ALSO ON 1 MILE SPACING.

ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE SPECIFIED.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

WARNING SIGNS

GENERAL NOTES:

1. SEE SPECIAL PROVISIONS FOR "PUBLIC CONVENIENCE AND SAFETY CONSTRUCTION UNDER TRAFFIC" FOR WORK HOUR RESTRICTIONS AND OTHER TRAFFIC CONTROL REQUIREMENTS.
2. NO ENCROACHMENT IN TRAVELED LANE.
3. EXTEND DEVICE TAPER AT L/3 ACROSS SHOULDER.
4. USE A DOWNSTREAM TAPER TO END LANE CLOSURES WITH 20' DEVICE SPACING.
5. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.
6. USE TRANSVERSE DEVICES IN CLOSED LANES EVERY 1000' ±.
7. MAINTAIN A MINIMUM OF ONE ACCESS POINT PER PROPERTY.
8. MOTORCYCLES USE EXTREME CAUTION SIGNS (W21-1701) SHALL BE INSTALLED WHEN THE FOLLOWING CONDITIONS EXIST:
   - GROOVED PAVEMENT
   - ABRUPT LANE EDGE
   - STEEL PLATES
   - LOOSE GRAVEL OR SOILS

   A SPECIFIC SIGN FOR EACH OF THE CONDITIONS NOTED SHALL BE INSTALLED ALONG WITH THE "MOTORCYCLES USE EXTREME CAUTION" SIGNS. SEE WAC 468-95-305 MOTORCYCLE CONSTRUCTION WARNING SIGN PURSUANT TO RCW 47.36.200.
9. TEMPORARY TRAFFIC CONTROL DEVICES SHALL NOT OBSTRUCT PEDESTRIAN OR BICYCLE ROUTES.
10. WHEN OFFICER OR FLAGGERS CONTROL A SIGNALIZED INTERSECTION, SET SIGNAL TO ALL RED FLASHING.
11. FLAGGING STATIONS SHALL BE ILLUMINATED DURING HOURS OF DARKNESS.

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_02.dgn
TIME	9:06:26 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO | REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.

JOB NUMBER 20A013

CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

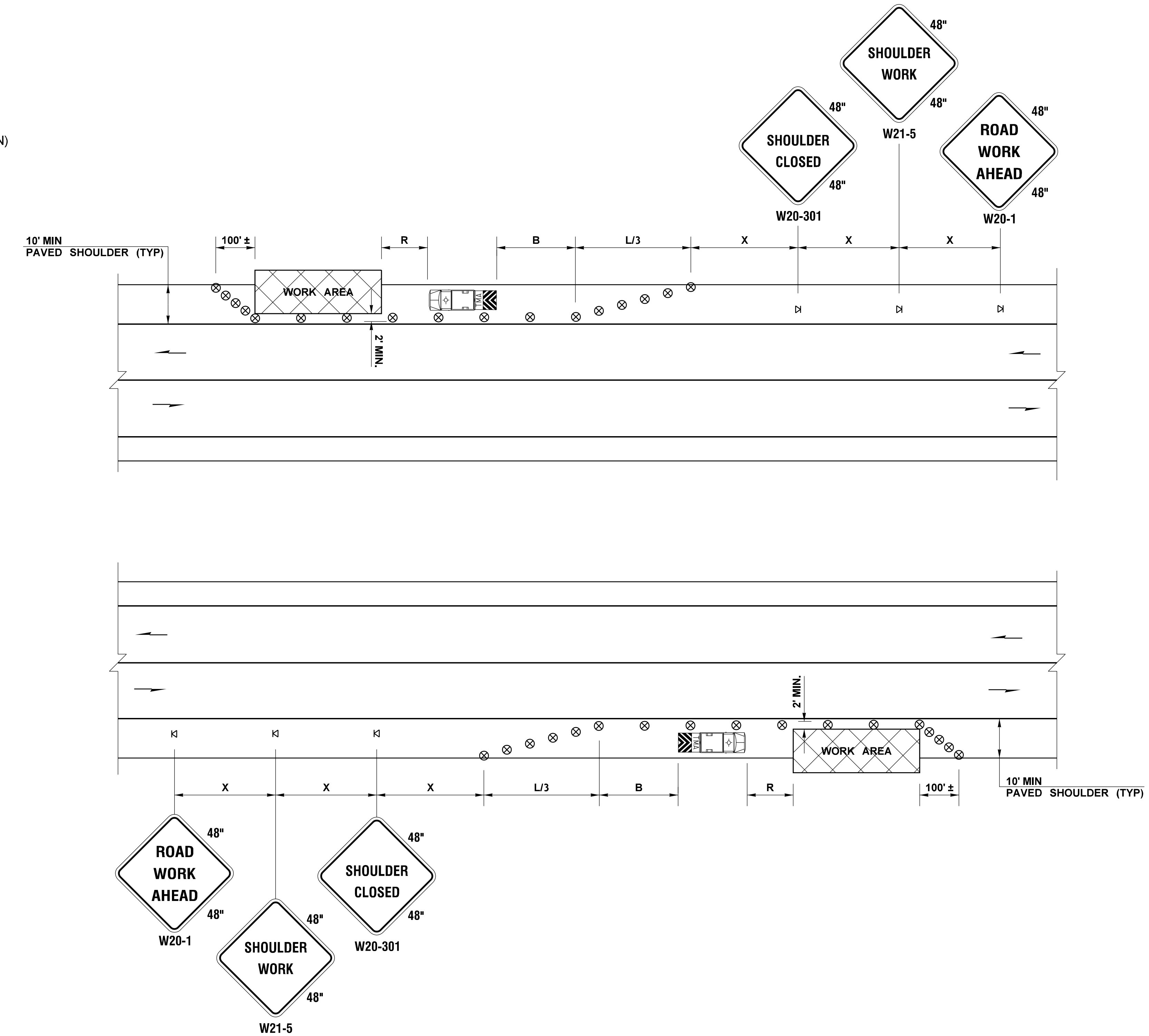
TRAFFIC CONTROL PLAN

PLAN REF NO TC02

SHEET 122 OF 161 SHEETS

LEGEND:

- WORK AREA
- SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TRANSPORTABLE ATTENUATOR



SHOULDER CLOSURE - HIGH SPEED

NOT TO SCALE

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_03.dgn
TIME	9:06:47 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES — STATE OF WASHINGTON — 43476 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

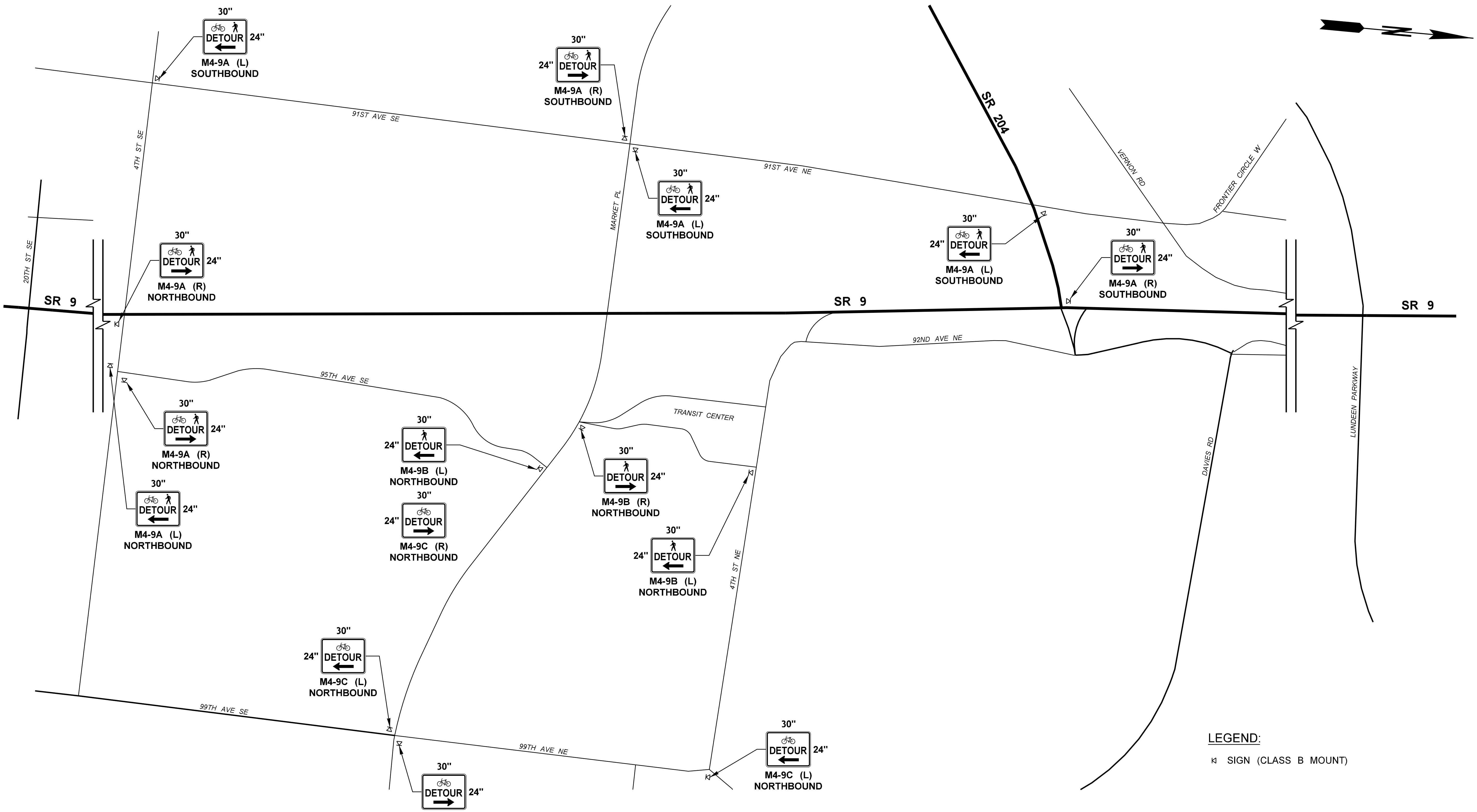
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

PLAN REF NO **TC03**

SHEET 123 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13



PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

PEDESTRIAN AND BICYCLE DETOUR
SR 9 LANE / SHOULDER CLOSURES

NOT TO SCALE

NOTES:

1. THIS PLAN FOR USE WITH SHEETS TC06 THRU TC18 AND SHEETS TC26 THRU TC31.

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage_2_Y-11834_PS_TC_04.dgn
TIME	9:07:06 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

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Washington State Department of Transportation

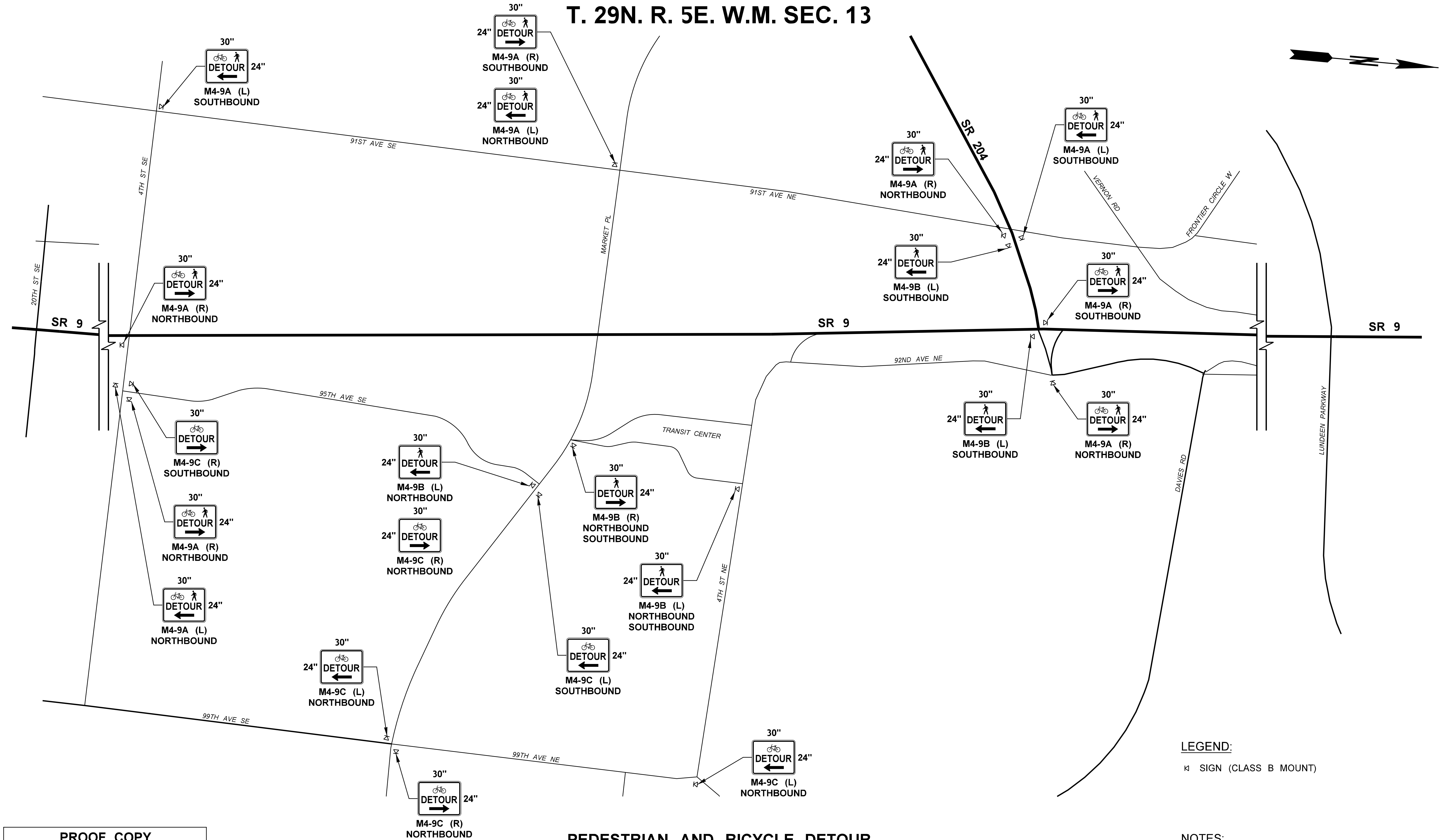
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

PLAN REF NO TC04

SHEET 124 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13



PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

PEDESTRIAN AND BICYCLE DETOUR FLAGGING OPERATIONS

NOT TO SCALE

NOTES:

1. THIS PLAN FOR USE WITH SHEETS TC19 THRU TC25 AND SHEETS TC32 THRU TC37.

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage_2_Y-11834_PS_TC_05.dgn
TIME	9:07:26 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES
STATE OF WASHINGTON
43476
REGISTERED
PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

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Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

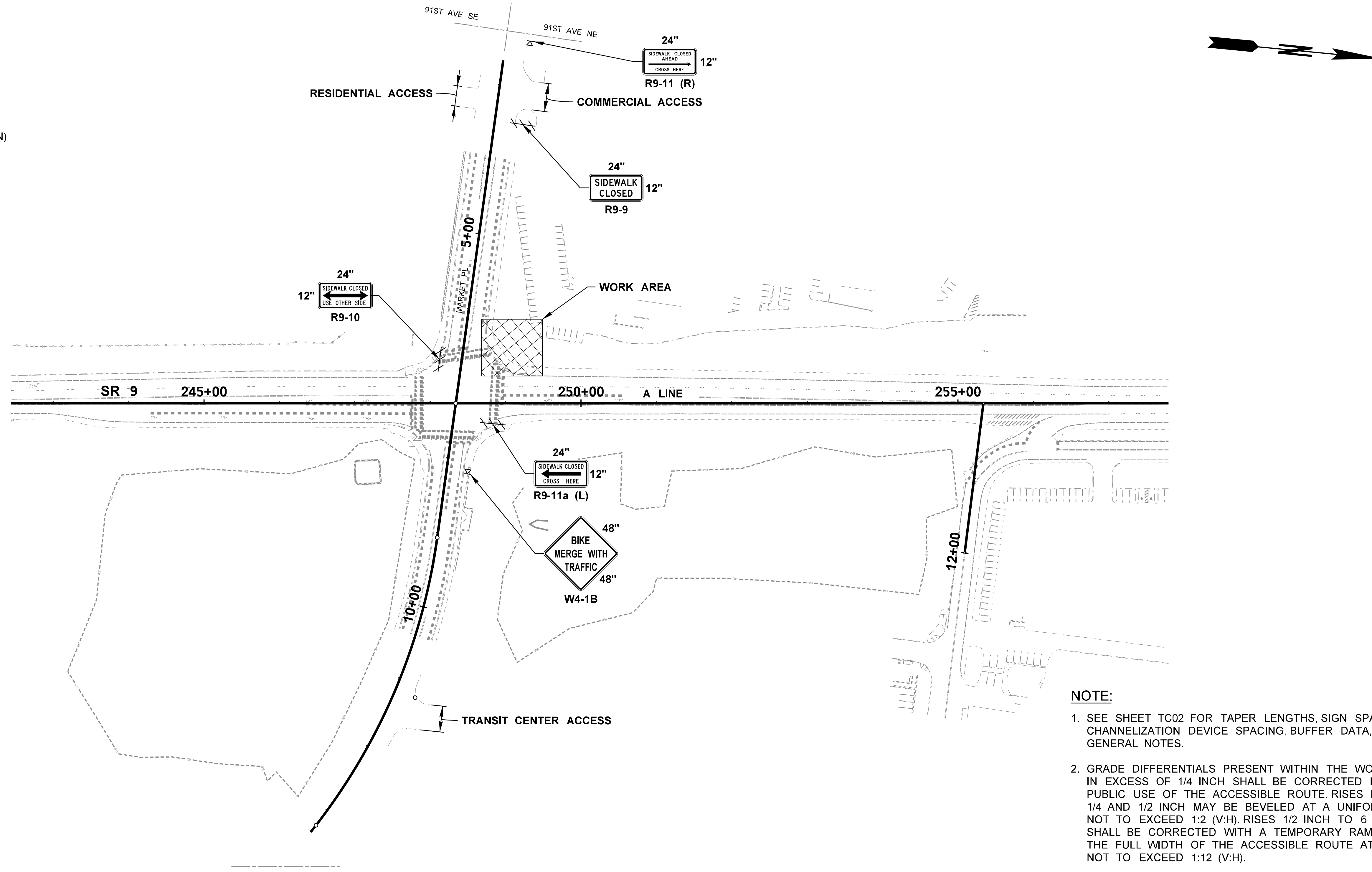
PLAN REF NO
TC05

SHEET
125
OF
161
SHEETS

LEGEND:

- WORK AREA
- SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- 42" TALL CHANNELIZATION DEVICES
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TRANSPORTABLE ATTENUATOR
- SEQUENTIAL ARROW SIGN
- FLAGGING STATION
- PORTABLE LIGHT STANDARD
- TYPE III BARRICADE
- UPO — UNIFORMED POLICE OFFICER

T. 29N. R. 5E. W.M. SEC. 13



PEDESTRIAN AND BICYCLE DETOUR MARKET PL CURB RETURN CLOSURES

NOT TO SCALE

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. GRADE DIFFERENTIALS PRESENT WITHIN THE WORK ZONE IN EXCESS OF 1/4 INCH SHALL BE CORRECTED PRIOR TO PUBLIC USE OF THE ACCESSIBLE ROUTE. RISES BETWEEN 1/4 AND 1/2 INCH MAY BE BEVELED AT A UNIFORM SLOPE NOT TO EXCEED 1:2 (V:H). RISES 1/2 INCH TO 6 INCHES SHALL BE CORRECTED WITH A TEMPORARY RAMP ACROSS THE FULL WIDTH OF THE ACCESSIBLE ROUTE AT A SLOPE NOT TO EXCEED 1:12 (V:H).
3. CONTACT AND COORDINATE IMPACTED TRANSIT AGENCIES PRIOR TO IMPLEMENTING ANY CLOSURES.
4. ADA PEDESTRIAN FACILITIES MUST BE MAINTAINED. SEE STANDARD SPECIFICATION 1-10.2(1) B.
5. TEMPORARY PEDESTRIAN PUSH BUTTONS SHALL BE PLACED WHEN EXISTING BUTTONS ARE NOT ACCESSIBLE.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_06.dgn					
TIME	9:07:44 PM					
DATE	9/26/2020					
PLOTTED BY	p0024020					
DESIGNED BY	S. BATES					
ENTERED BY	K. MCWILLIAMS					
CHECKED BY	E. AKE					
PROJ. ENGR.	K. NDILE					
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

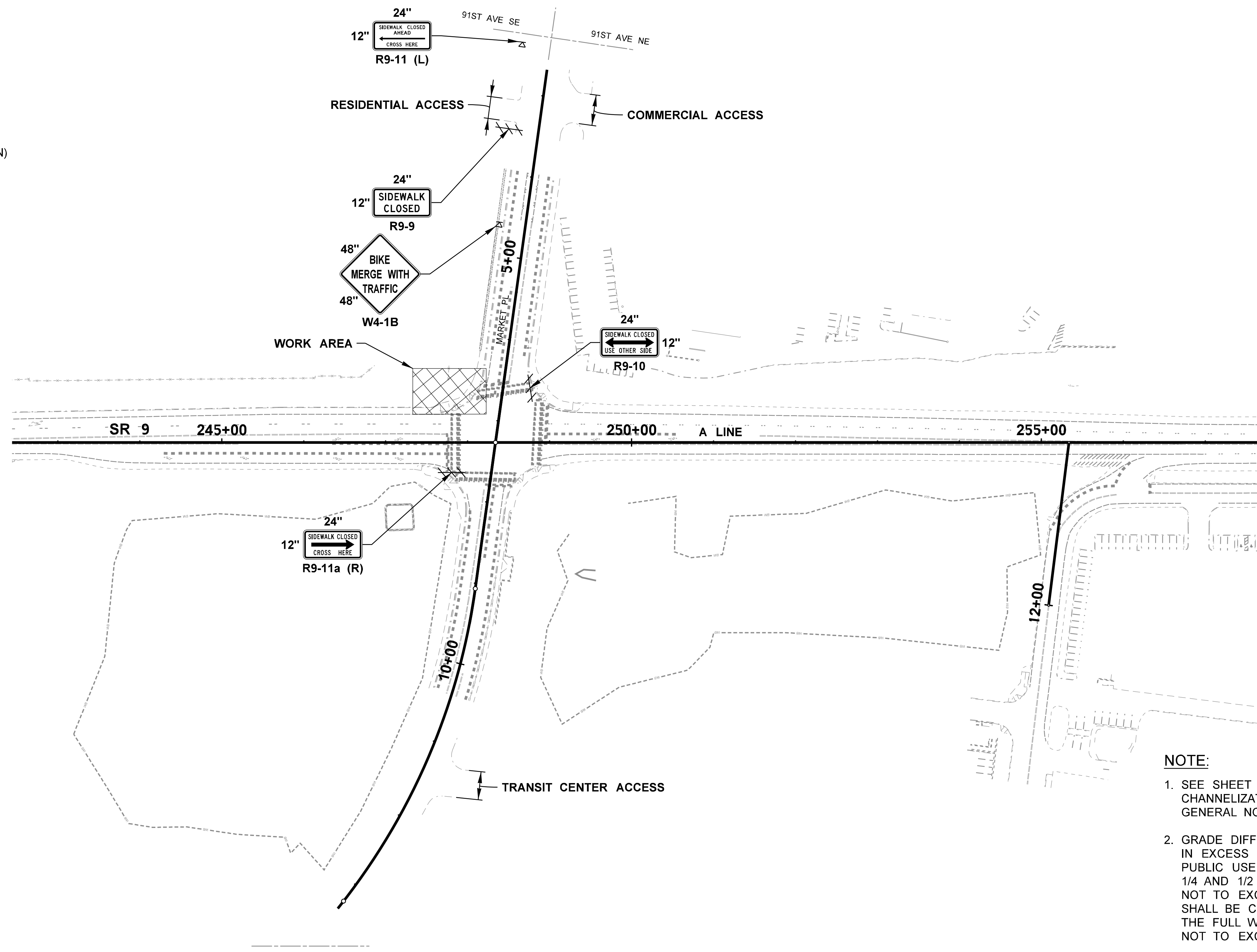
PLAN REF NO TC06

SHEET 126 OF 161 SHEETS

LEGEND:

- WORK AREA
- SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- 42" TALL CHANNELIZATION DEVICES
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TRANSPORTABLE ATTENUATOR
- SEQUENTIAL ARROW SIGN
- FLAGGING STATION
- PORTABLE LIGHT STANDARD
- TYPE III BARRICADE
- UPO UNIFORMED POLICE OFFICER

T. 29N. R. 5E. W.M. SEC. 13



PEDESTRIAN AND BICYCLE DETOUR
MARKET PL CURB RETURN CLOSURES

NOT TO SCALE

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. GRADE DIFFERENTIALS PRESENT WITHIN THE WORK ZONE IN EXCESS OF 1/4 INCH SHALL BE CORRECTED PRIOR TO PUBLIC USE OF THE ACCESSIBLE ROUTE. RISES BETWEEN 1/4 AND 1/2 INCH MAY BE BEVELED AT A UNIFORM SLOPE NOT TO EXCEED 1:2 (V:H). RISES 1/2 INCH TO 6 INCHES SHALL BE CORRECTED WITH A TEMPORARY RAMP ACROSS THE FULL WIDTH OF THE ACCESSIBLE ROUTE AT A SLOPE NOT TO EXCEED 1:12 (V:H).
3. CONTACT AND COORDINATE IMPACTED TRANSIT AGENCIES PRIOR TO IMPLEMENTING ANY CLOSURES.
4. ADA PEDESTRIAN FACILITIES MUST BE MAINTAINED. SEE STANDARD SPECIFICATION 1-10.2(1) B.
5. TEMPORARY PEDESTRIAN PUSH BUTTONS SHALL BE PLACED WHEN EXISTING BUTTONS ARE NOT ACCESSIBLE.

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_07.dgn
TIME	9:08:04 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	

JOB NUMBER 20A013

CONTRACT NO. LOCATION NO.

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

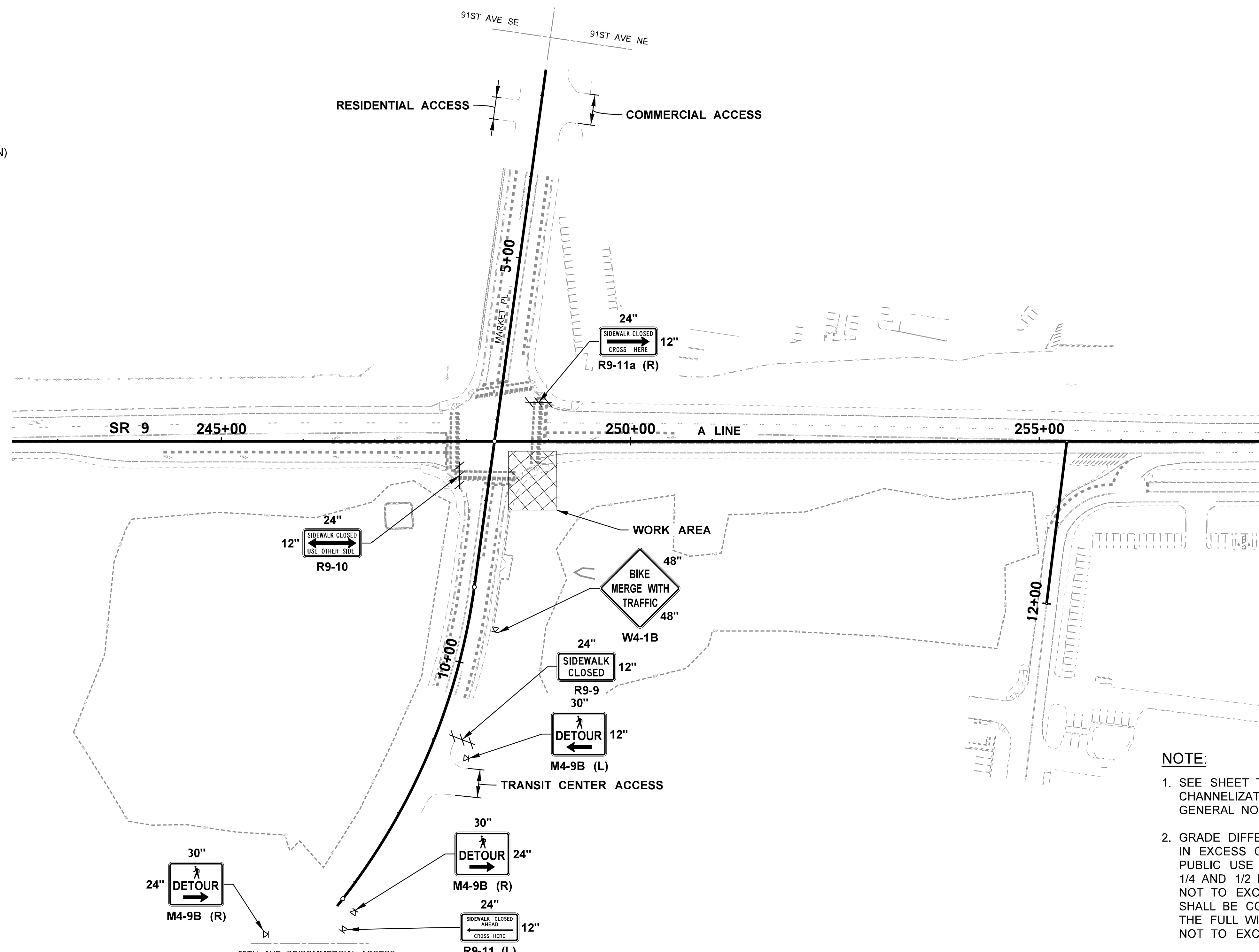
TRAFFIC CONTROL PLAN

PLAN REF NO TC07

LEGEND:

- WORK AREA
- SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- 42" TALL CHANNELIZATION DEVICES
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TRANSPORTABLE ATTENUATOR
- SEQUENTIAL ARROW SIGN
- FLAGGING STATION
- PORTABLE LIGHT STANDARD
- TYPE III BARRICADE
- UPO UNIFORMED POLICE OFFICER

T. 29N. R. 5E. W.M. SEC. 13



PEDESTRIAN AND BICYCLE DETOUR MARKET PL CURB RETURN CLOSURES

NOT TO SCALE

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. GRADE DIFFERENTIALS PRESENT WITHIN THE WORK ZONE IN EXCESS OF 1/4 INCH SHALL BE CORRECTED PRIOR TO PUBLIC USE OF THE ACCESSIBLE ROUTE. RISES BETWEEN 1/4 AND 1/2 INCH MAY BE BEVELED AT A UNIFORM SLOPE NOT TO EXCEED 1:2 (V:H). RISES 1/2 INCH TO 6 INCHES SHALL BE CORRECTED WITH A TEMPORARY RAMP ACROSS THE FULL WIDTH OF THE ACCESSIBLE ROUTE AT A SLOPE NOT TO EXCEED 1:12 (V:H).
3. CONTACT AND COORDINATE IMPACTED TRANSIT AGENCIES PRIOR TO IMPLEMENTING ANY CLOSURES.
4. ADA PEDESTRIAN FACILITIES MUST BE MAINTAINED. SEE STANDARD SPECIFICATION 1-10.2(1) B.
5. TEMPORARY PEDESTRIAN PUSH BUTTONS SHALL BE PLACED WHEN EXISTING BUTTONS ARE NOT ACCESSIBLE.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage_2_Y-11834_PS_TC_08.dgn
TIME	9:08:25 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.	LOCATION NO.	

STEPHEN P. BATES
STATE OF WASHINGTON
43476
REGISTERED
PROFESSIONAL ENGINEER

P.E. STAMP BOX
DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

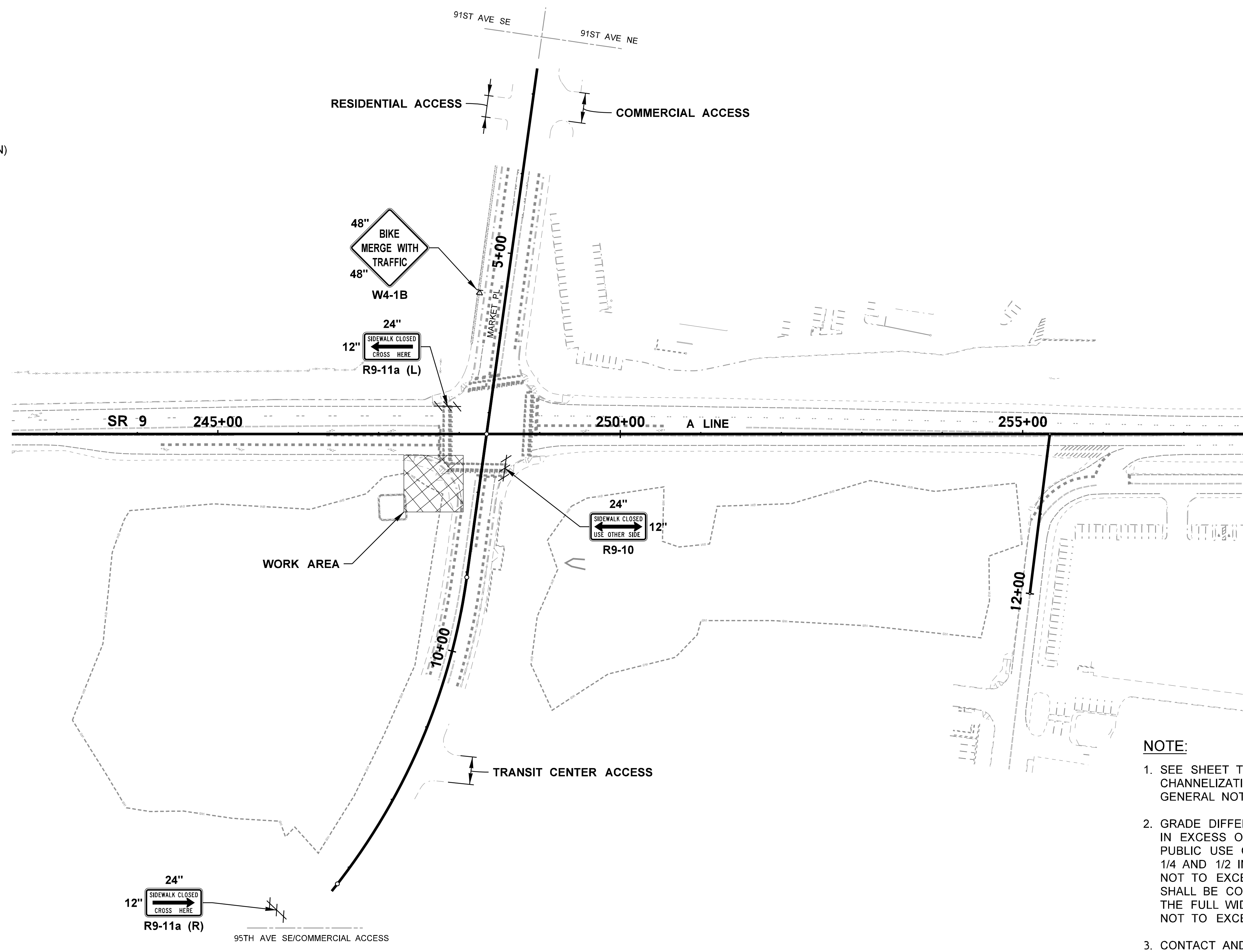
PLAN REF NO TC08

SHEET 128 OF 161 SHEETS

LEGEND:

WORK AREA
SIGN (CLASS A MOUNT)
SIGN (CLASS B MOUNT)
TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
42" TALL CHANNELIZATION DEVICES
PCMS PORTABLE CHANGEABLE MESSAGE SIGN
LANE USAGE (TRAFFIC FLOW DIRECTION)
TRANSPORTABLE ATTENUATOR
SEQUENTIAL ARROW SIGN
FLAGGING STATION
PORTABLE LIGHT STANDARD
TYPE III BARRICADE
UPO UNIFORMED POLICE OFFICER

T. 29N. R. 5E. W.M. SEC. 13



PEDESTRIAN AND BICYCLE DETOUR
MARKET PL CURB RETURN CLOSURES

NOT TO SCALE

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. GRADE DIFFERENTIALS PRESENT WITHIN THE WORK ZONE IN EXCESS OF 1/4 INCH SHALL BE CORRECTED PRIOR TO PUBLIC USE OF THE ACCESSIBLE ROUTE. RISES BETWEEN 1/4 AND 1/2 INCH MAY BE BEVELED AT A UNIFORM SLOPE NOT TO EXCEED 1:2 (V:H). RISES 1/2 INCH TO 6 INCHES SHALL BE CORRECTED WITH A TEMPORARY RAMP ACROSS THE FULL WIDTH OF THE ACCESSIBLE ROUTE AT A SLOPE NOT TO EXCEED 1:12 (V:H).
3. CONTACT AND COORDINATE IMPACTED TRANSIT AGENCIES PRIOR TO IMPLEMENTING ANY CLOSURES.
4. ADA PEDESTRIAN FACILITIES MUST BE MAINTAINED. SEE STANDARD SPECIFICATION 1-10.2(1) B.
5. TEMPORARY PEDESTRIAN PUSH BUTTONS SHALL BE PLACED WHEN EXISTING BUTTONS ARE NOT ACCESSIBLE.

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_09.dgn
TIME	9:08:43 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	

JOB NUMBER 20A013
CONTRACT NO.
LOCATION NO.

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

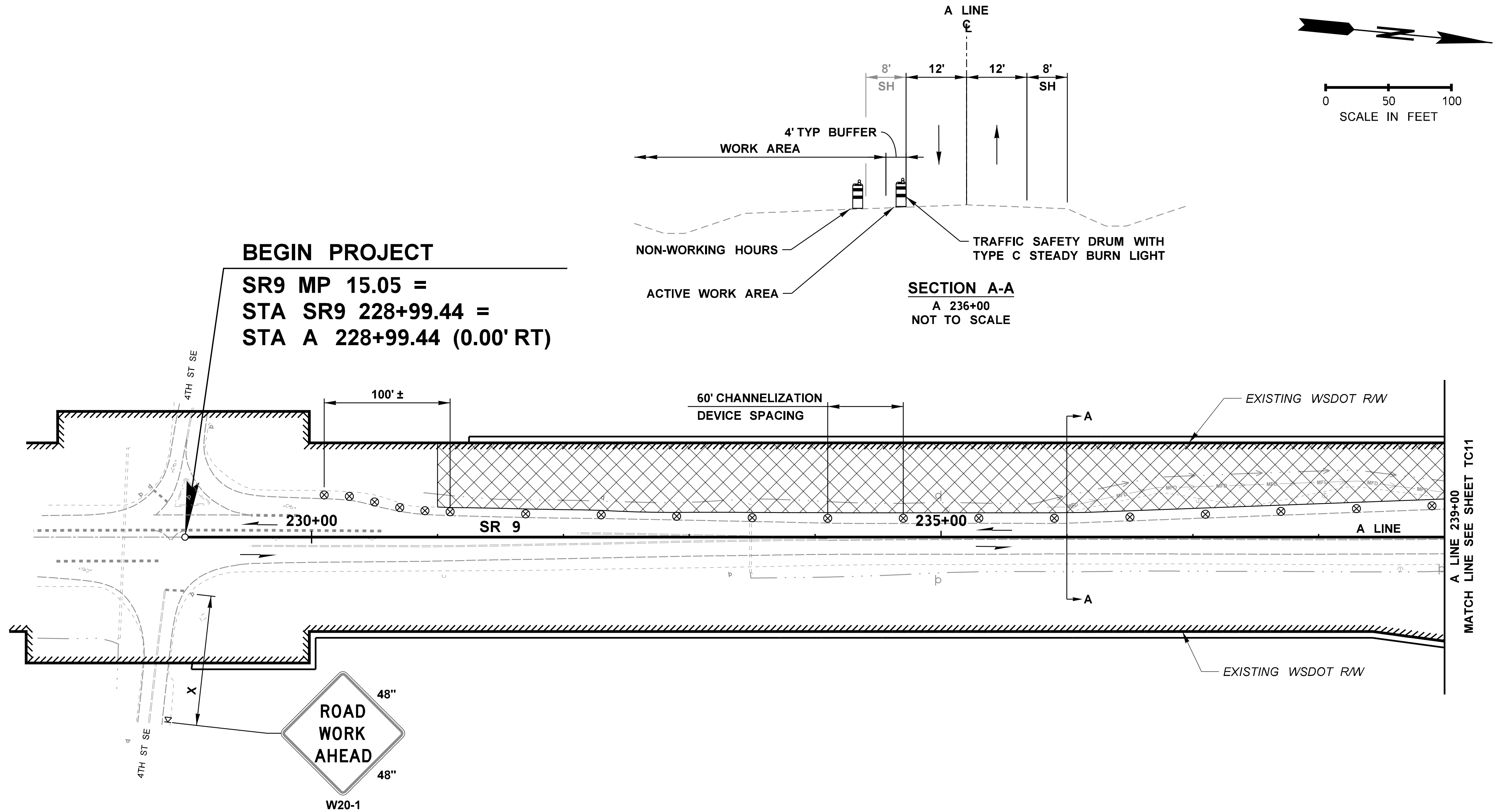
PLAN REF NO TC09

SHEET 129 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

LEGEND:

- WORK AREA
- EXISTING SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW ARROW)
- TRANSPORTABLE ATTENUATOR



PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

SB OUTSIDE SHOULDER CLOSURE

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage_2_Y-11834_PS_TC_10.dgn
TIME	9:09:01 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES — STATE OF WASHINGTON — 43476 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

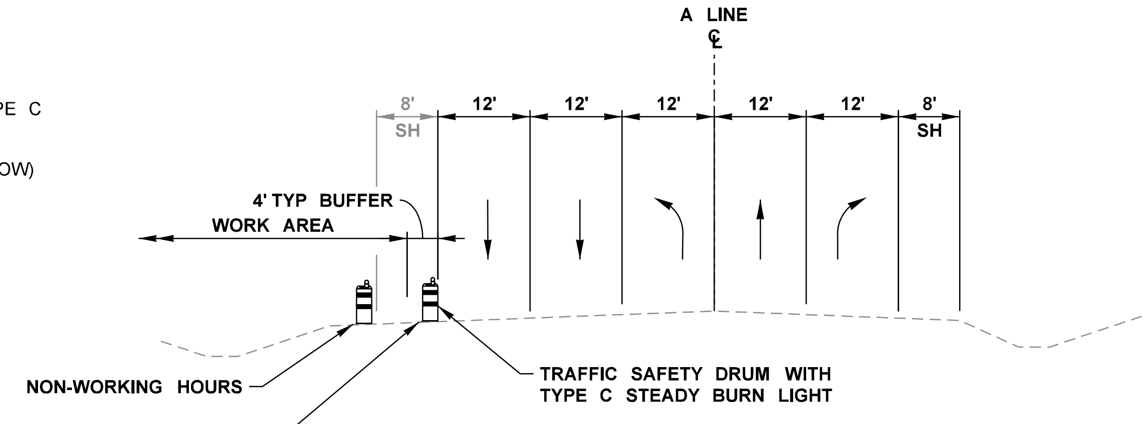
PLAN REF NO TC10

SHEET 130 OF 161 SHEETS

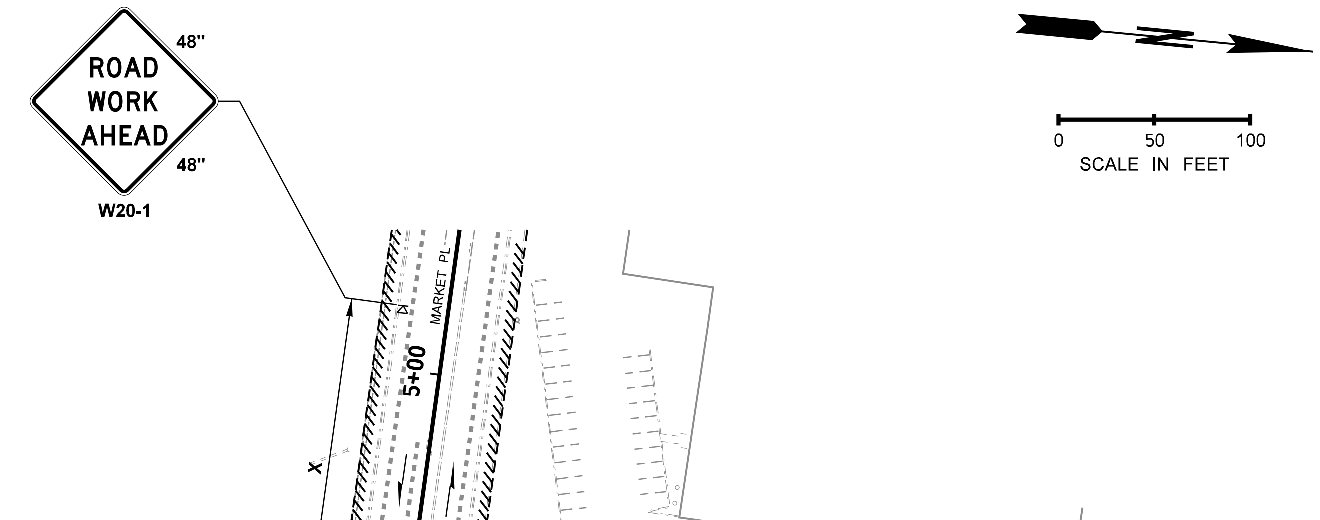
T. 29N. R. 5E. W.M. SEC. 13

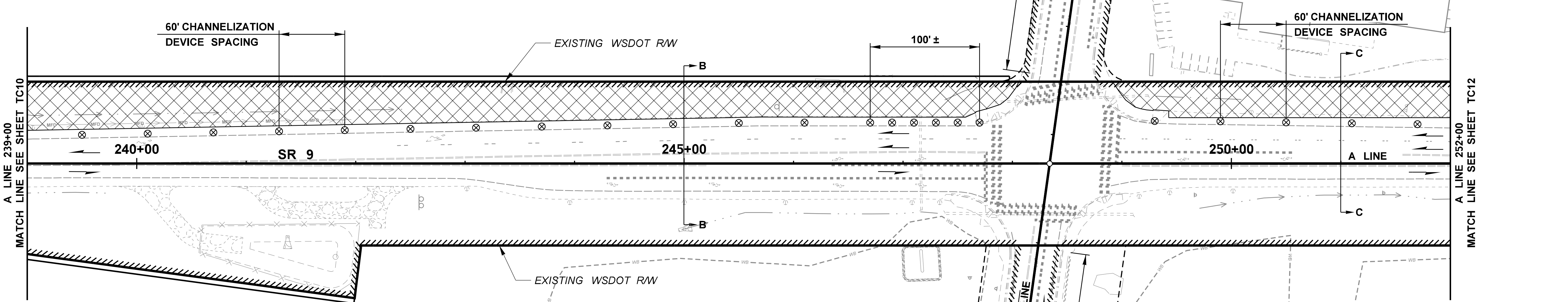
LEGEND:

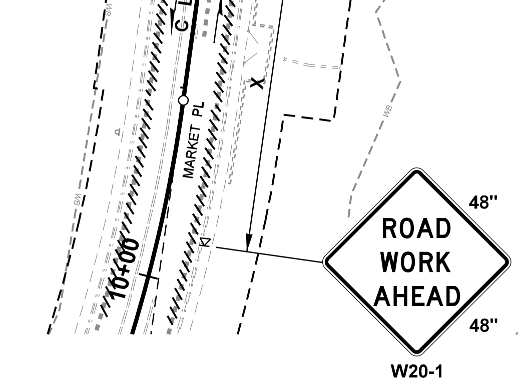
(hatched box)	WORK AREA
▷	EXISTING SIGN (CLASS A MOUNT)
◁	SIGN (CLASS B MOUNT)
⊗ ⊗	TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
←	LANE USAGE (TRAFFIC FLOW ARROW)
(attenuator symbol)	TRANSPORTABLE ATTENUATOR

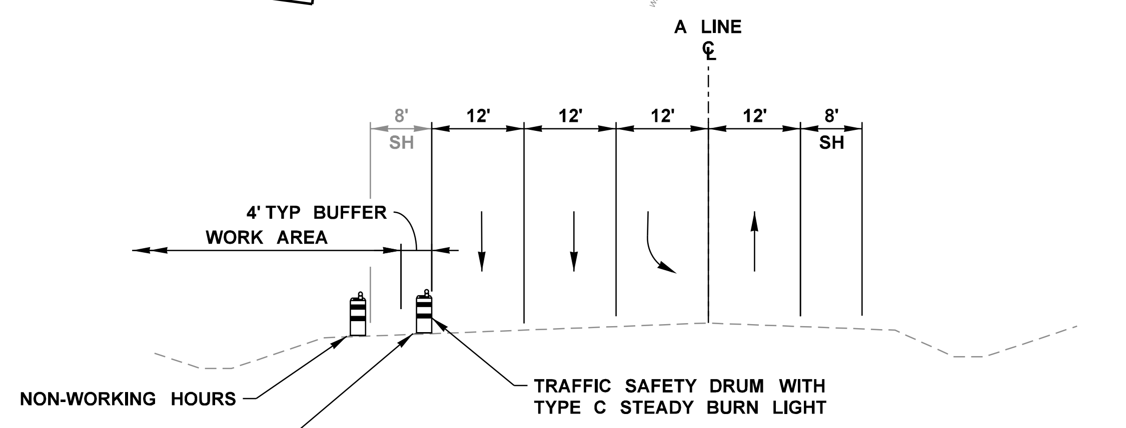


SECTION B-B
A 245+00
NOT TO SCALE









SECTION C-C
A 251+00
NOT TO SCALE

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

SB OUTSIDE SHOULDER CLOSURE

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_11.dgn				
TIME	9:09:20 PM				
DATE	9/26/2020				
PLOTTED BY	p0024020				
DESIGNED BY	S. BATES				
ENTERED BY	K. MCWILLIAMS				
CHECKED BY	E. AKE				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES
STATE OF WASHINGTON
43476
REGISTERED
PROFESSIONAL ENGINEER

DATE
P.E. STAMP BOX

PARSONS

Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

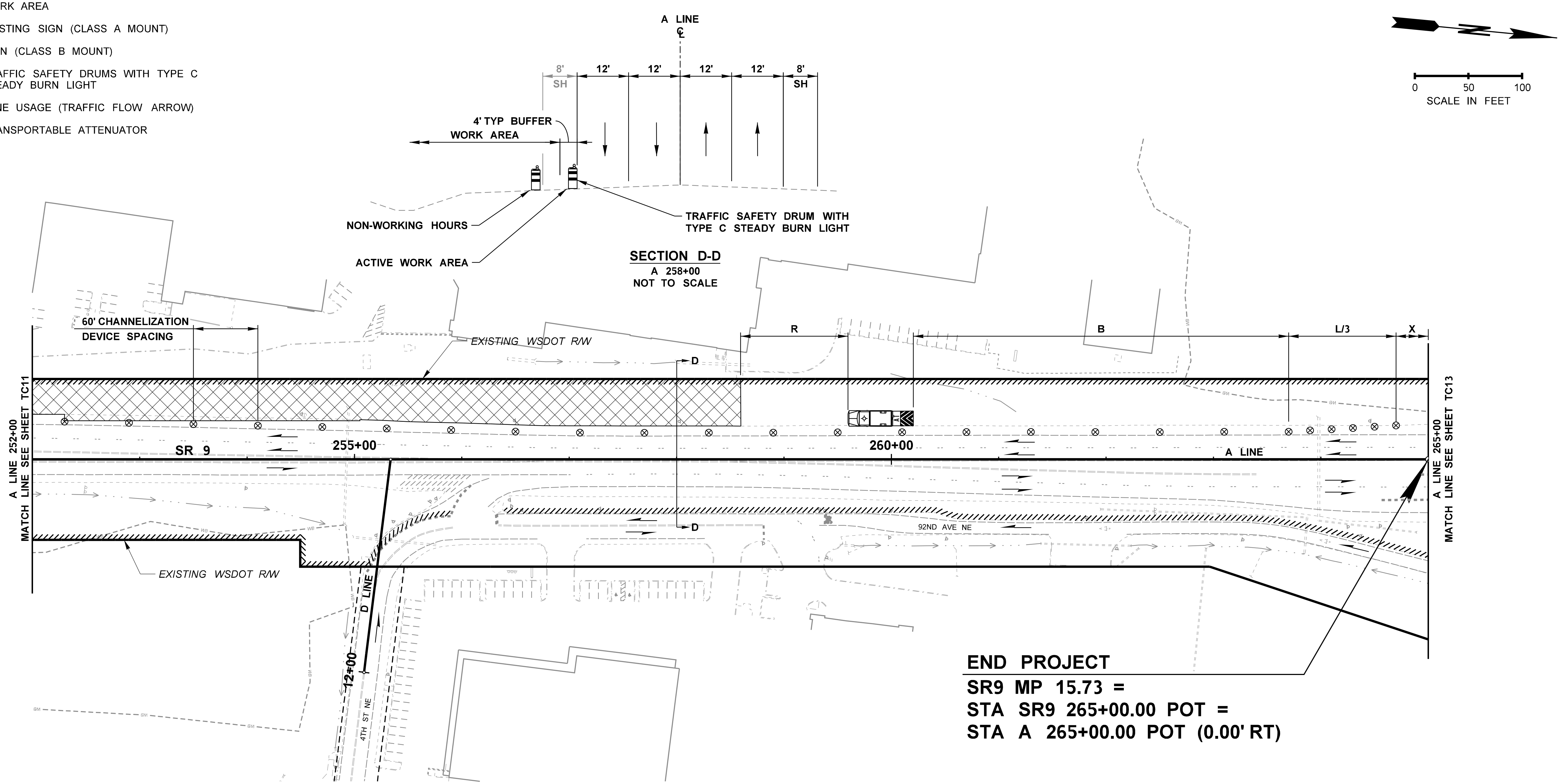
PLAN REF NO
TC11

SHEET
131
OF
161
SHEETS

LEGEND:

- WORK AREA
- EXISTING SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW ARROW)
- TRANSPORTABLE ATTENUATOR

T. 29N. R. 5E. W.M. SEC. 13



NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

SB OUTSIDE SHOULDER CLOSURE

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_12.dgn
TIME	9:09:40 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

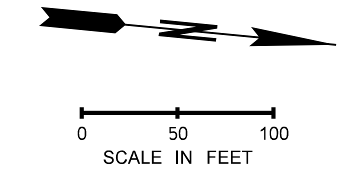
PLAN REF NO TC12

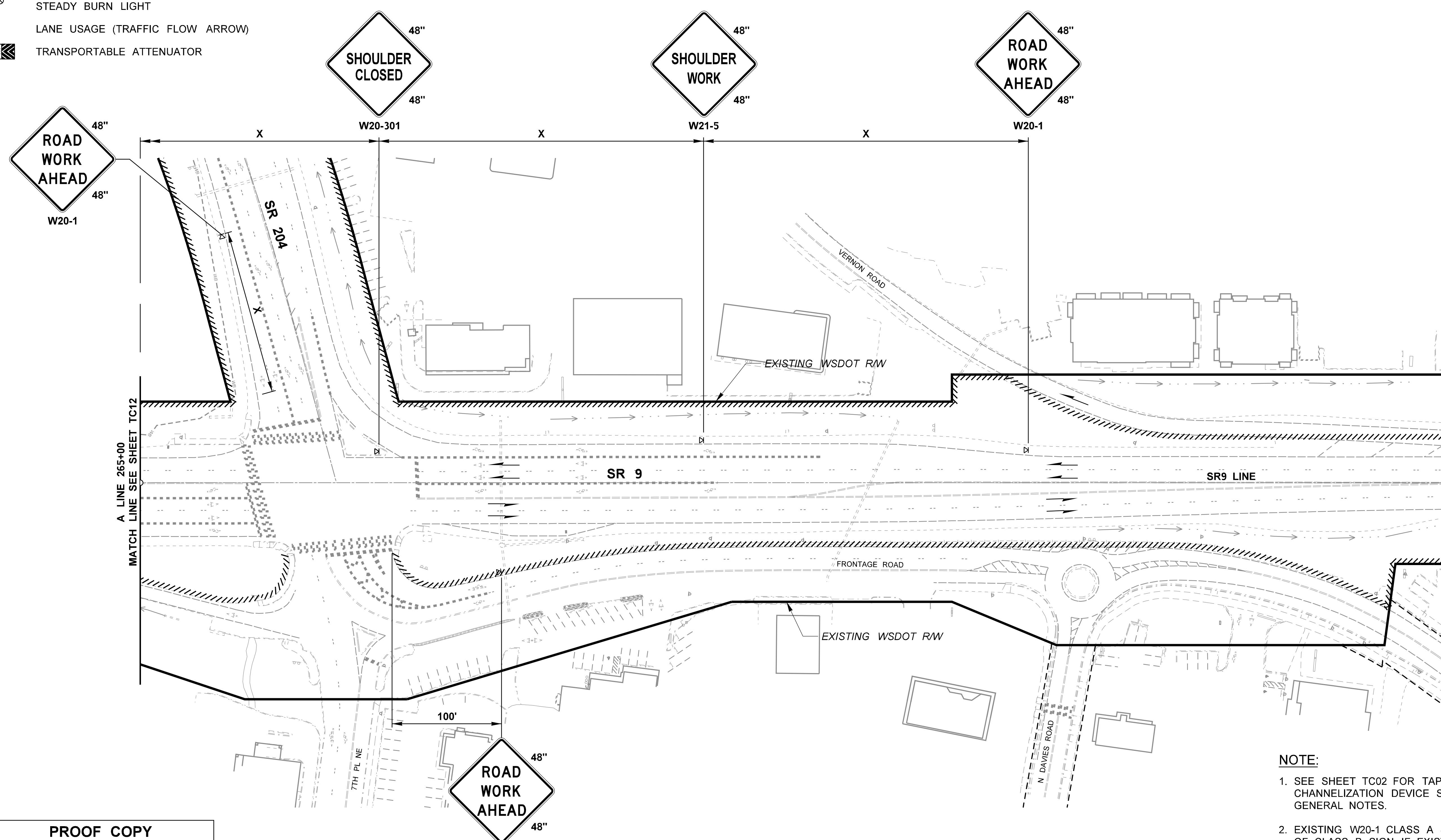
SHEET 132 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

LEGEND:

- WORK AREA
- EXISTING SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW ARROW)
- TRANSPORTABLE ATTENUATOR





SB OUTSIDE SHOULDER CLOSURE

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage_2_Y-11834_PS_TC_13.dgn
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DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

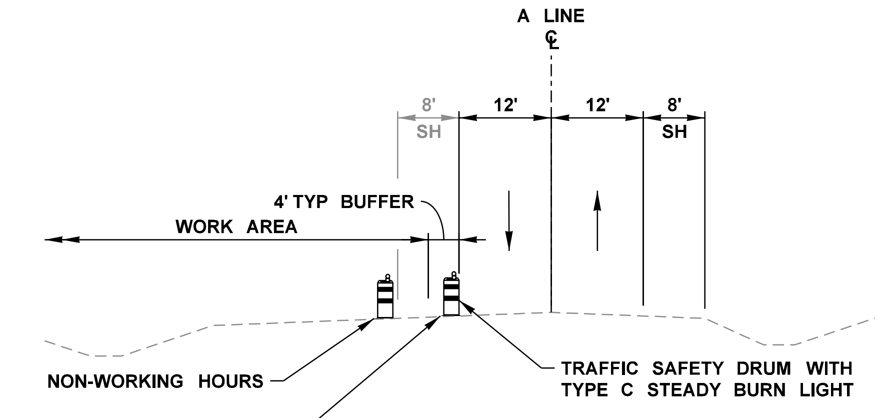
PLAN REF NO TC13

SHEET 133 OF 161 SHEETS

LEGEND:

- WORK AREA
- EXISTING SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW ARROW)
- TRANSPORTABLE ATTENUATOR
- SEQUENTIAL ARROW SIGN
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN

T. 29N. R. 5E. W.M. SEC. 13



SECTION A-A
A 236+00
NOT TO SCALE

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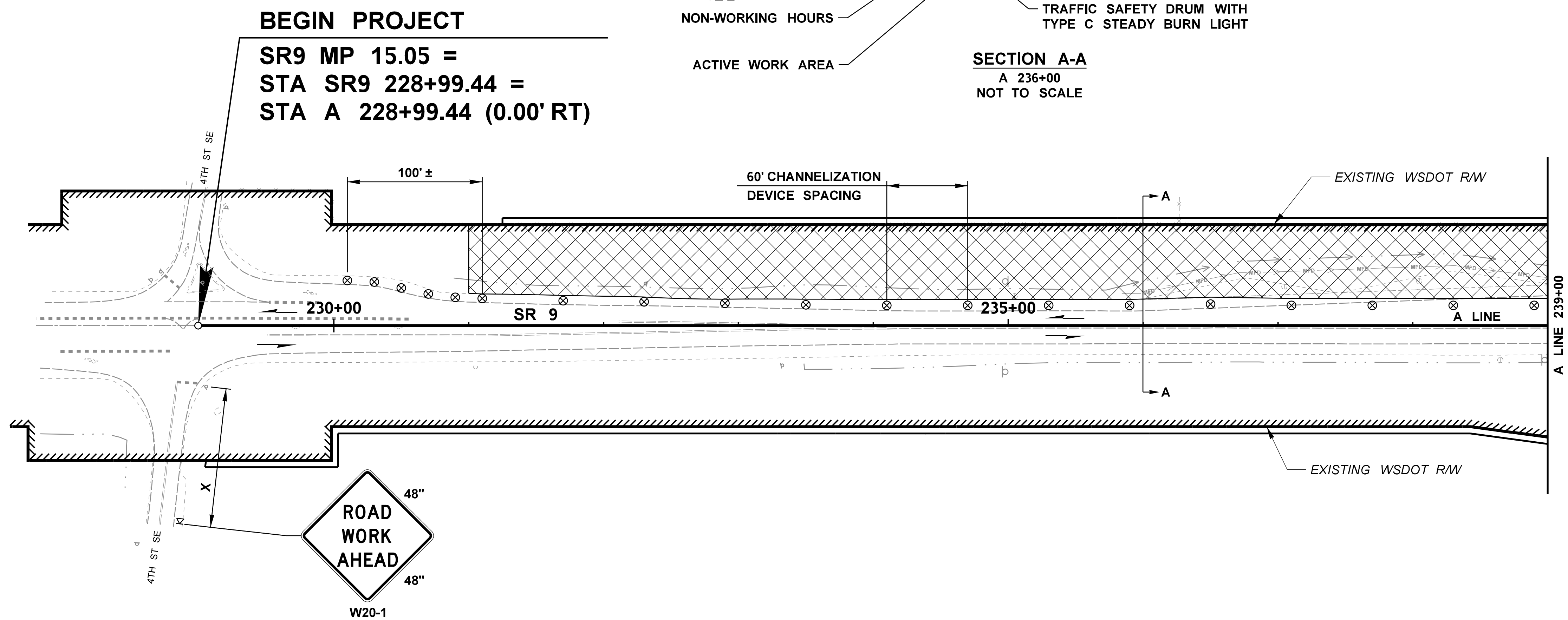
SCALE IN FEET



NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

SB OUTSIDE LANE CLOSURE

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage_2_Y-11834_PS_TC_14.dgn
TIME	9:10:19 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 STATE WASH
FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO.
LOCATION NO.

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

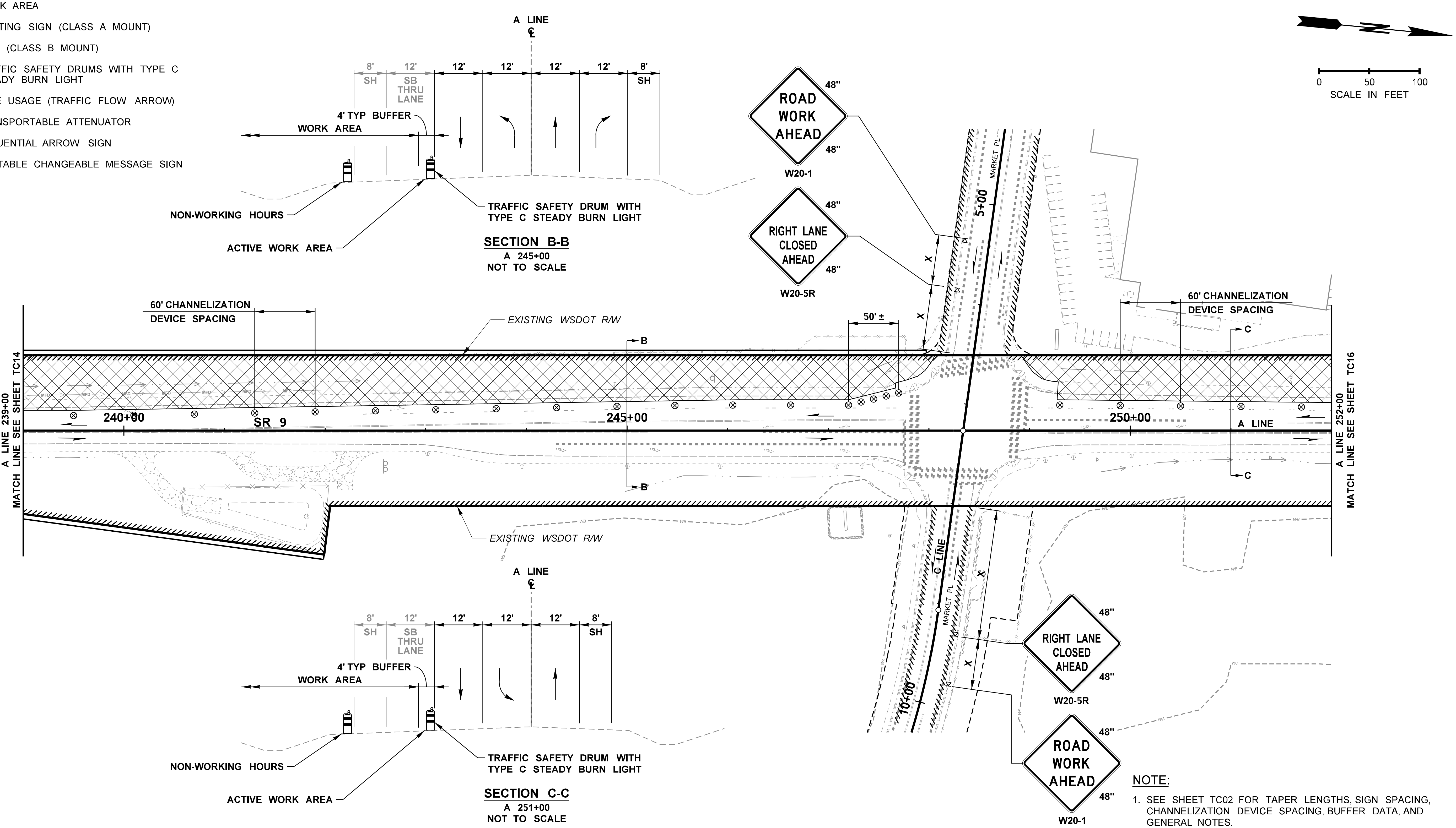
PLAN REF NO TC14

SHEET 134 OF 161 SHEETS

LEGEND:

- WORK AREA
- EXISTING SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW ARROW)
- TRANSPORTABLE ATTENUATOR
- SEQUENTIAL ARROW SIGN
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN

T. 29N. R. 5E. W.M. SEC. 13



SB OUTSIDE LANE CLOSURE

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

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TIME	9:10:35 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	

JOB NUMBER 20A013

CONTRACT NO. LOCATION NO.

STEPHEN P. BATES, STATE OF WASHINGTON, 43476, REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

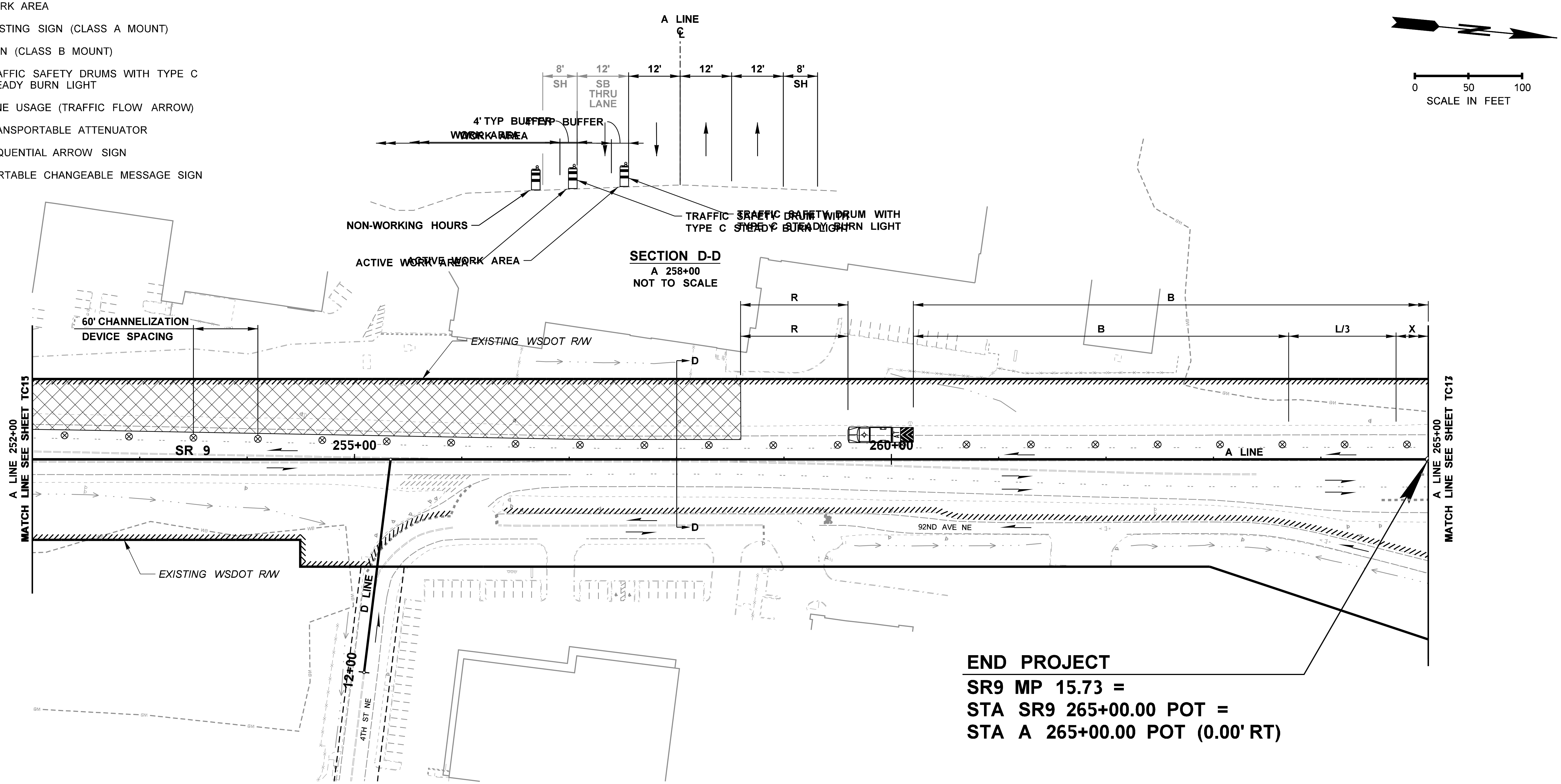
PLAN REF NO TC15

SHEET 135 OF 161 SHEETS

LEGEND:

- WORK AREA
- EXISTING SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW ARROW)
- TRANSPORTABLE ATTENUATOR
- SEQUENTIAL ARROW SIGN
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN

T. 29N. R. 5E. W.M. SEC. 13



NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

SB OUTSIDE SHOULDER CLOSURE

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_16.dgn				
TIME	9:10:55 PM				
DATE	9/26/2020				
PLOTTED BY	p0024020				
DESIGNED BY	S. BATES				
ENTERED BY	K. MCWILLIAMS				
CHECKED BY	E. AKE				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.	LOCATION NO.	

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

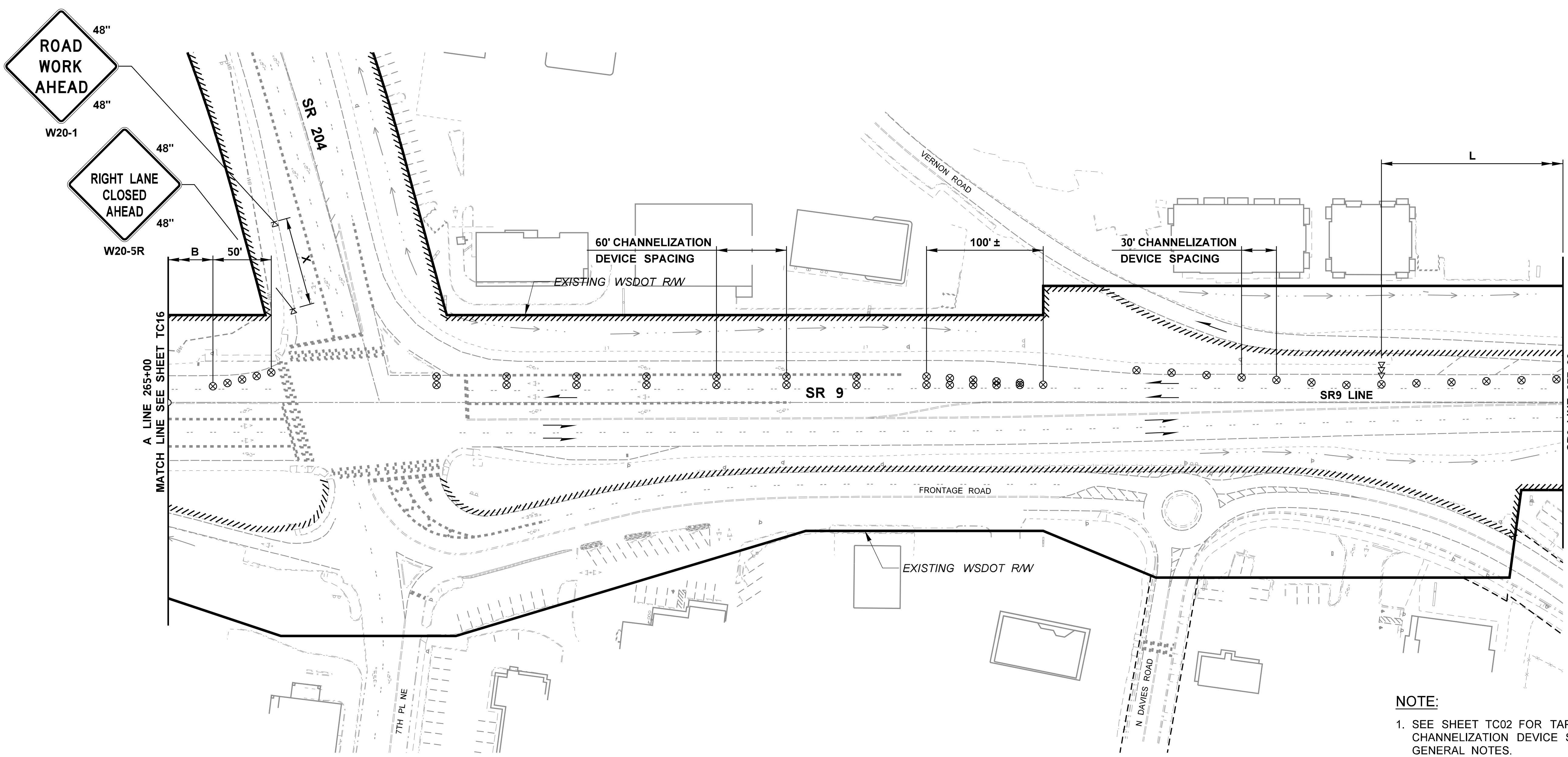
PLAN REF NO TC18

SHEET 138 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

LEGEND:

	WORK AREA
	EXISTING SIGN (CLASS A MOUNT)
	SIGN (CLASS B MOUNT)
	TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
	LANE USAGE (TRAFFIC FLOW ARROW)
	TRANSPORTABLE ATTENUATOR
	SEQUENTIAL ARROW SIGN
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN



PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

SB OUTSIDE LANE CLOSURE

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

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TIME	9:11:16 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED PROFESSIONAL ENGINEER
P.E. STAMP BOX · DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

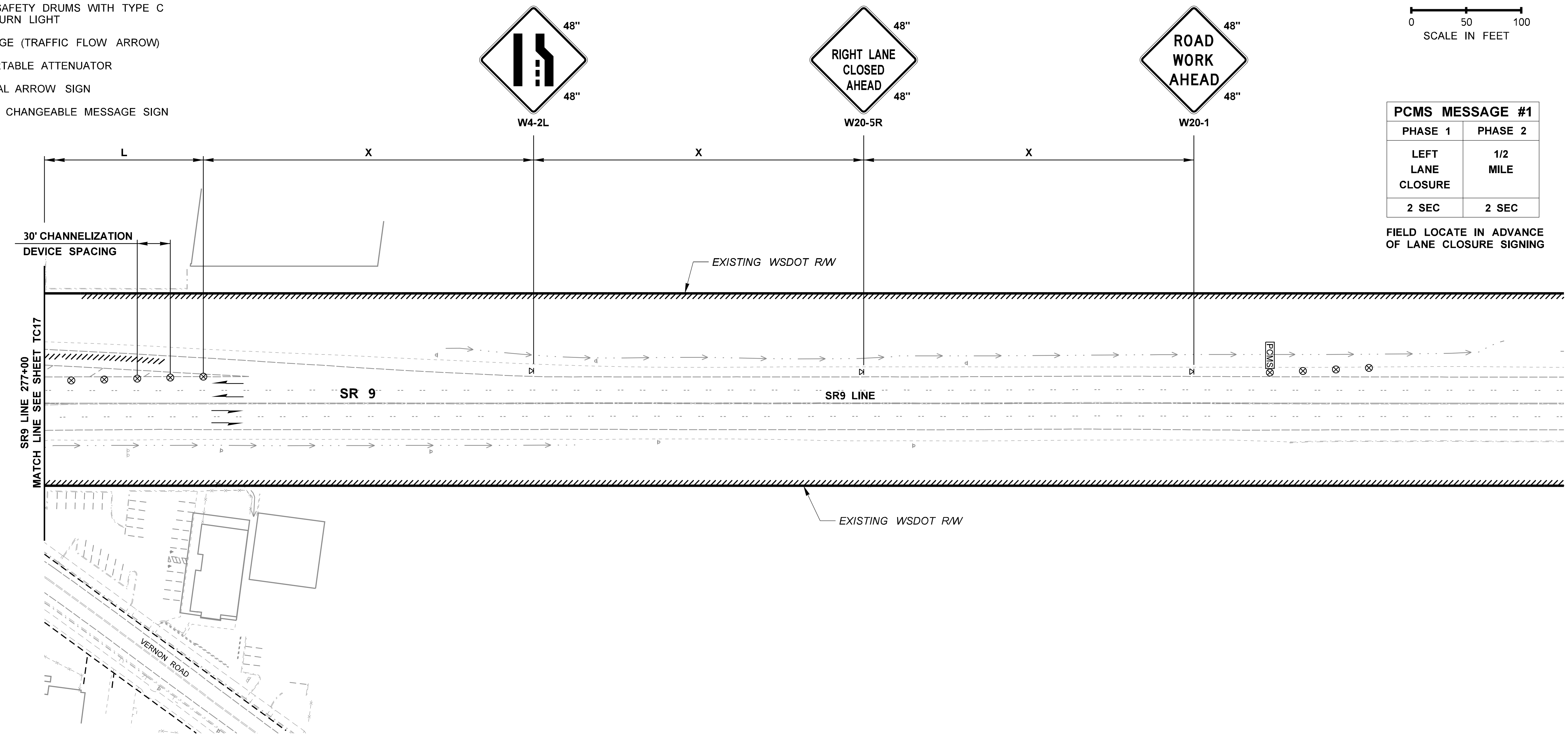
PLAN REF NO TC17

SHEET 137 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

LEGEND:

- WORK AREA
- EXISTING SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW ARROW)
- TRANSPORTABLE ATTENUATOR
- SEQUENTIAL ARROW SIGN
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN



0 50 100
SCALE IN FEET

PCMS MESSAGE #1	
PHASE 1	PHASE 2
LEFT LANE CLOSURE	1/2 MILE
2 SEC	2 SEC

FIELD LOCATE IN ADVANCE OF LANE CLOSURE SIGNING

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

SB OUTSIDE LANE CLOSURE

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_18.dgn
TIME	9:11:34 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 STATE WASH FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. LOCATION NO.

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER
P.E. STAMP BOX DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

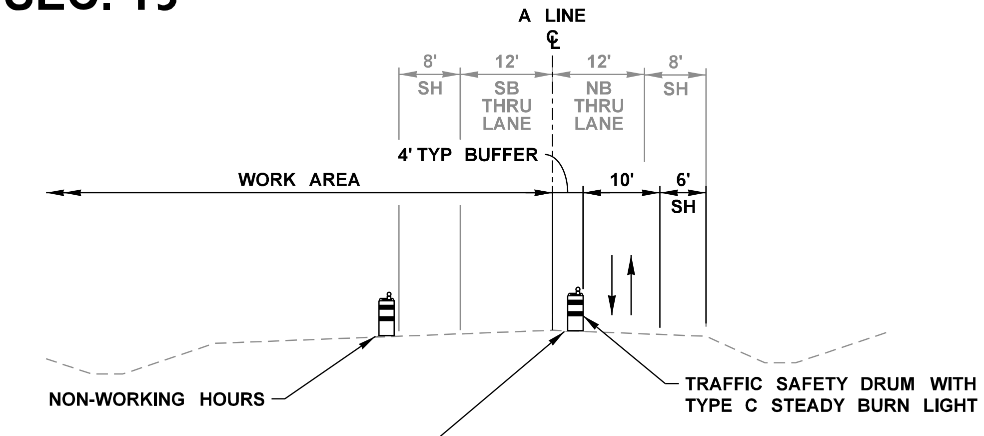
TRAFFIC CONTROL PLAN

PLAN REF NO TC18
SHEET 138 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

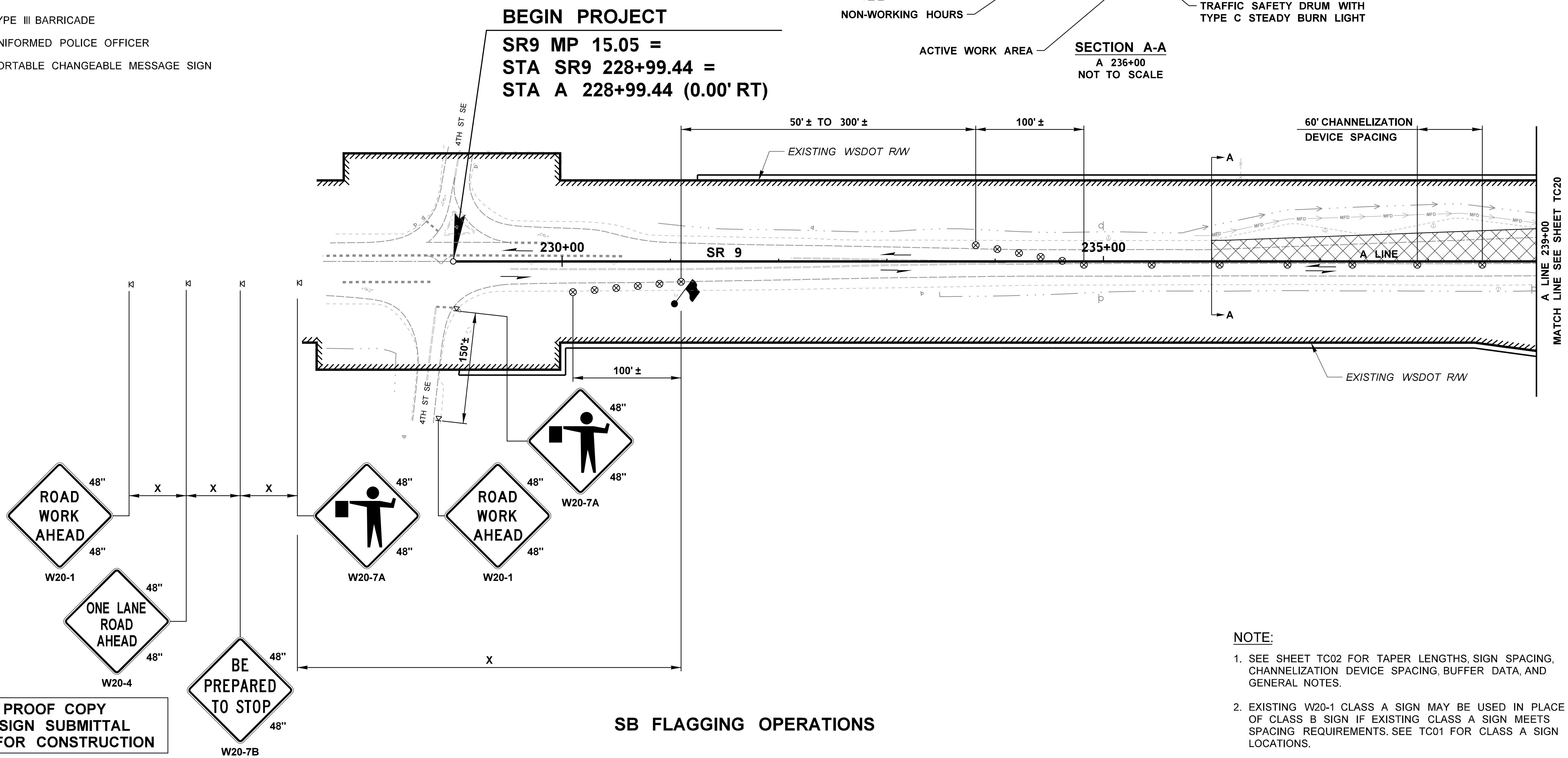
LEGEND:

- WORK AREA
- SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TRANSPORTABLE ATTENUATOR
- SEQUENTIAL ARROW SIGN
- FLAGGING STATION
- TYPE III BARRICADE
- UPO UNIFORMED POLICE OFFICER
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN



SECTION A-A
A 236+00
NOT TO SCALE

0 50 100
SCALE IN FEET



PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

SB FLAGGING OPERATIONS

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

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TIME	9:11:57 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.	LOCATION NO.	

STEPHEN P. BATES
STATE OF WASHINGTON
43476
REGISTERED
PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

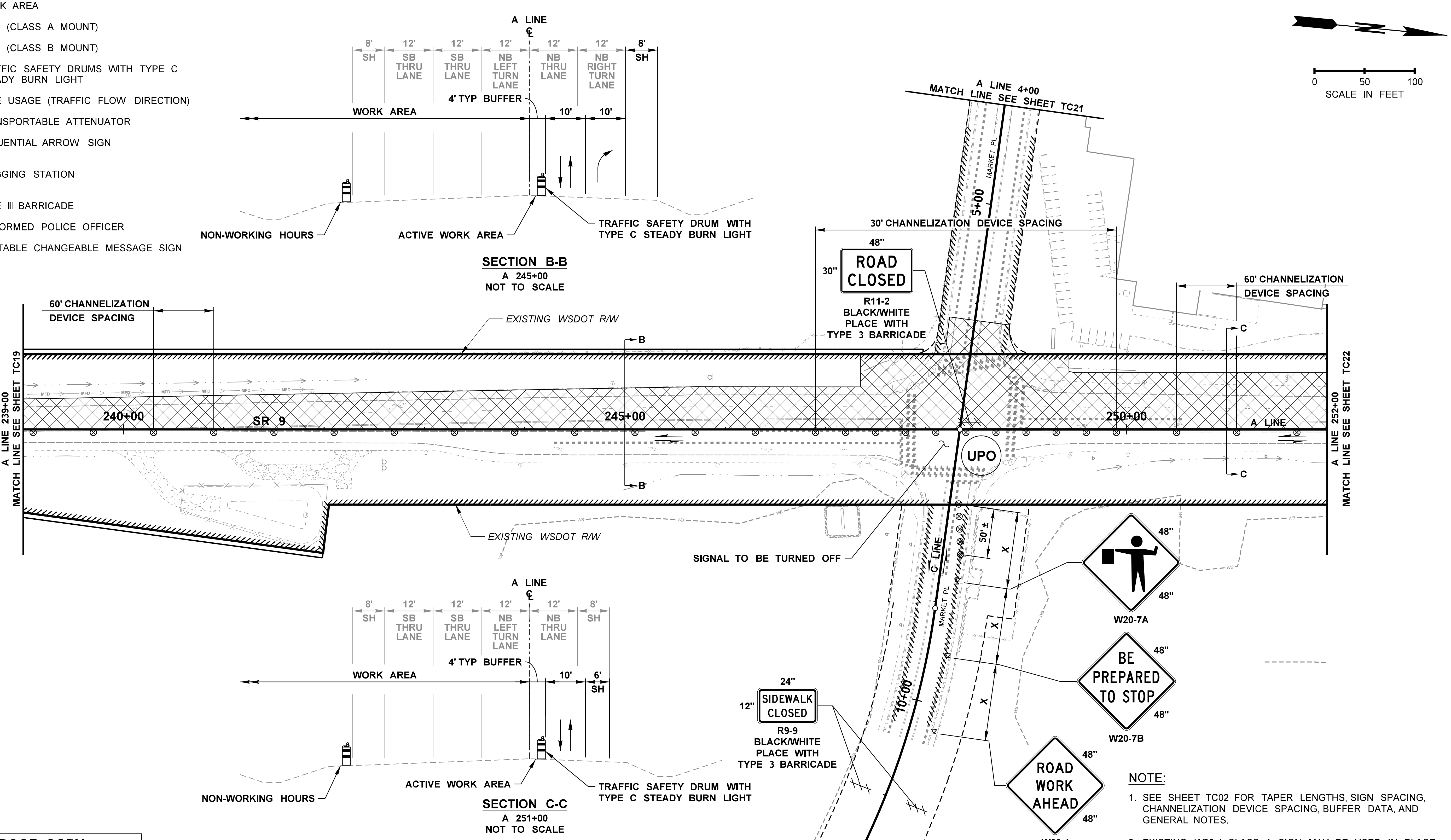
TRAFFIC CONTROL PLAN

PLAN REF NO
TC19

T. 29N. R. 5E. W.M. SEC. 13

LEGEND:

- WORK AREA
- SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TRANSPORTABLE ATTENUATOR
- SEQUENTIAL ARROW SIGN
- FLAGGING STATION
- TYPE III BARRICADE
- UPO UNIFORMED POLICE OFFICER
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN



NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

SB FLAGGING OPERATION

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage_2_Y-11834_PS_TC_20.dgn					
TIME	9:12:19 PM					
DATE	9/26/2020					
PLOTTED BY	p0024020					
DESIGNED BY	S. BATES					
ENTERED BY	K. MCWILLIAMS					
CHECKED BY	E. AKE					
PROJ. ENGR.	K. NDILE					
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX — DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

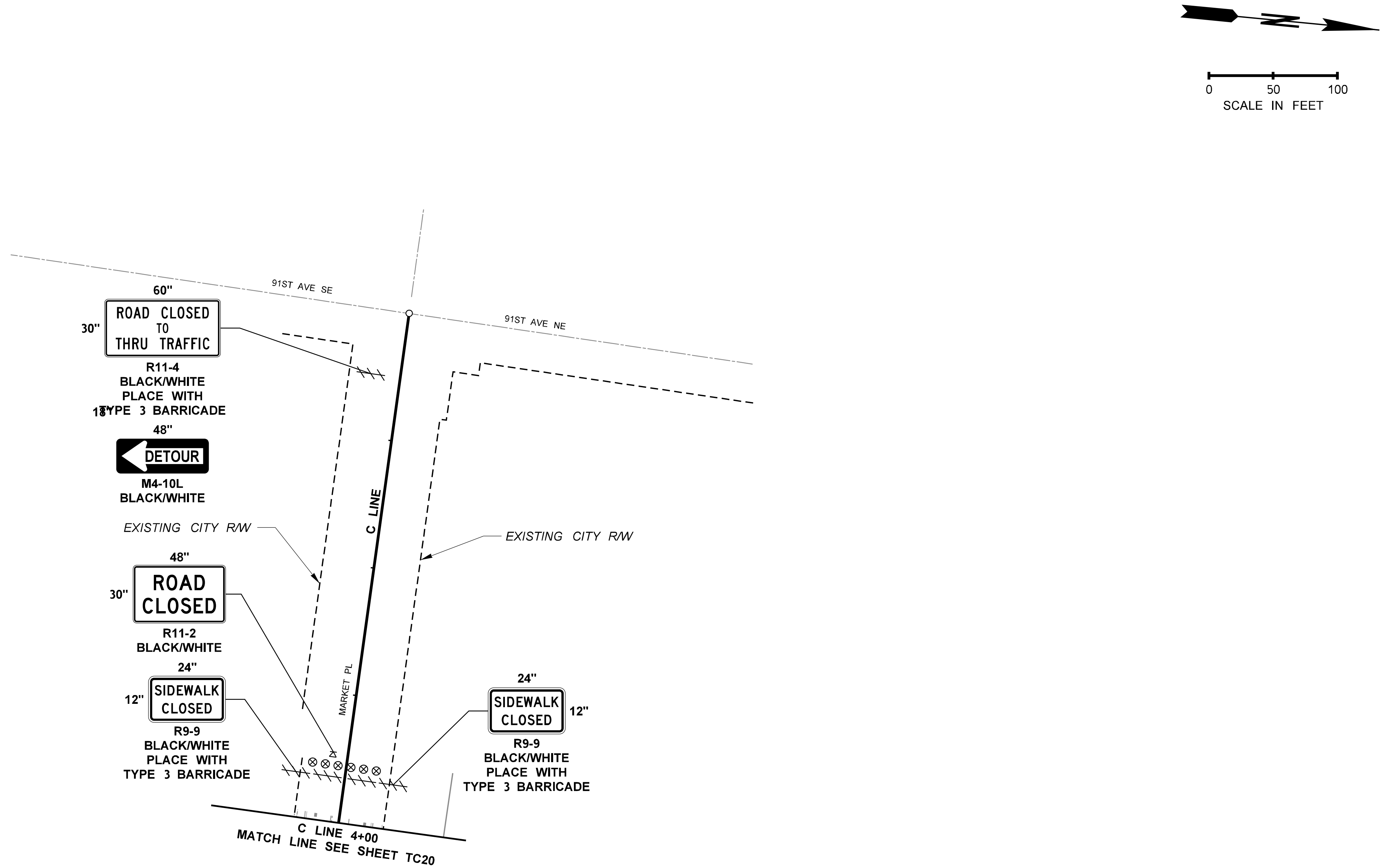
PLAN REF NO TC20

SHEET 140 OF 161 SHEETS

LEGEND:

- WORK AREA
- SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TRANSPORTABLE ATTENUATOR
- SEQUENTIAL ARROW SIGN
- FLAGGING STATION
- TYPE III BARRICADE
- UPO UNIFORMED POLICE OFFICER
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN

T. 29N. R. 5E. W.M. SEC. 13



NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

SB FLAGGING OPERATION

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage_2_Y-11834_PS_TC_21.dgn
TIME	9:12:37 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

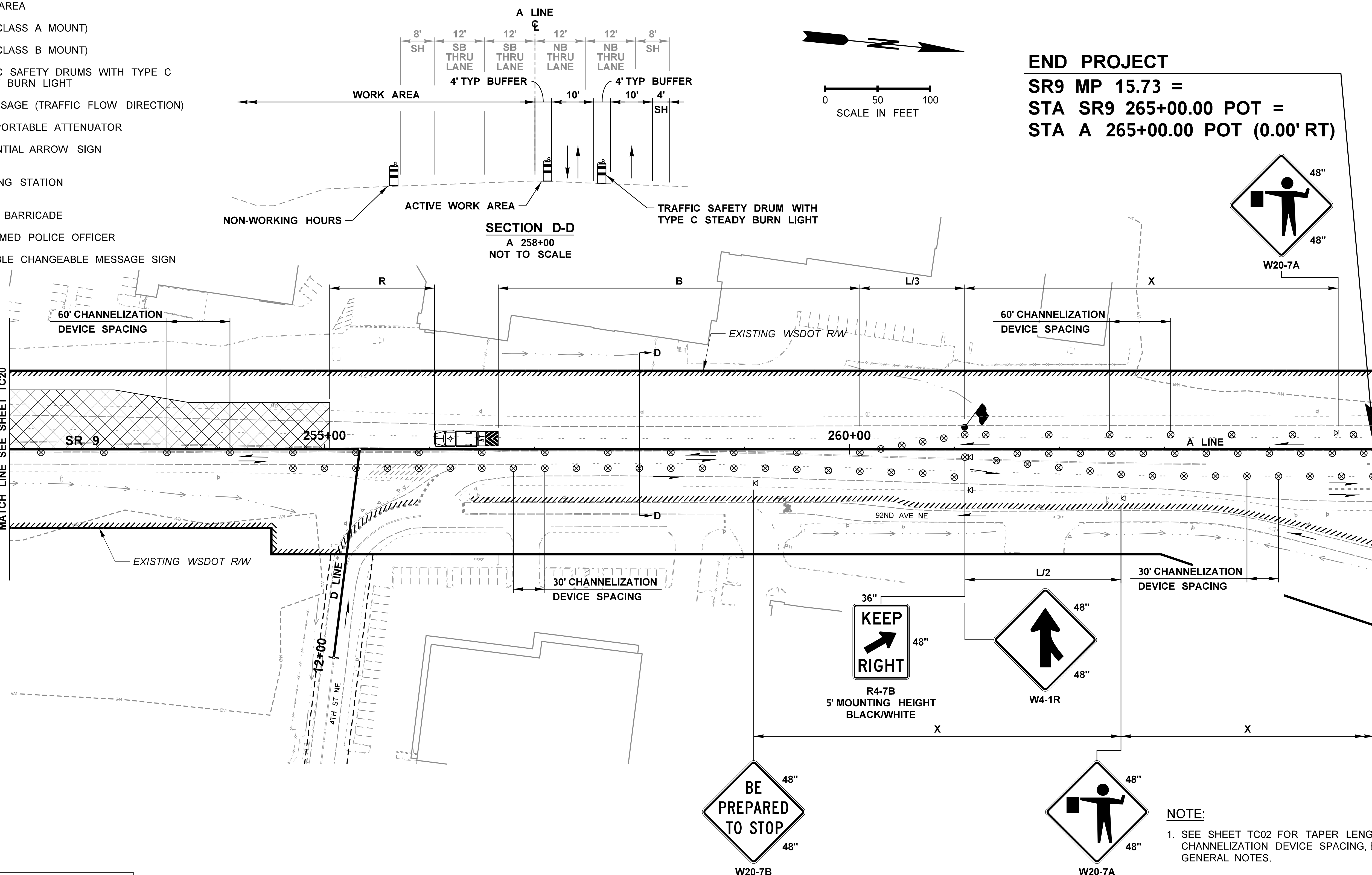
PLAN REF NO TC21

SHEET 141 OF 161 SHEETS

LEGEND:

- WORK AREA
- SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TRANSPORTABLE ATTENUATOR
- SEQUENTIAL ARROW SIGN
- FLAGGING STATION
- TYPE III BARRICADE
- UPO UNIFORMED POLICE OFFICER
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN

T. 29N. R. 5E. W.M. SEC. 13



PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

SB FLAGGING OPERATION

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_22.dgn
TIME	9:12:54 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX · DATE

PARSONS

Washington State Department of Transportation

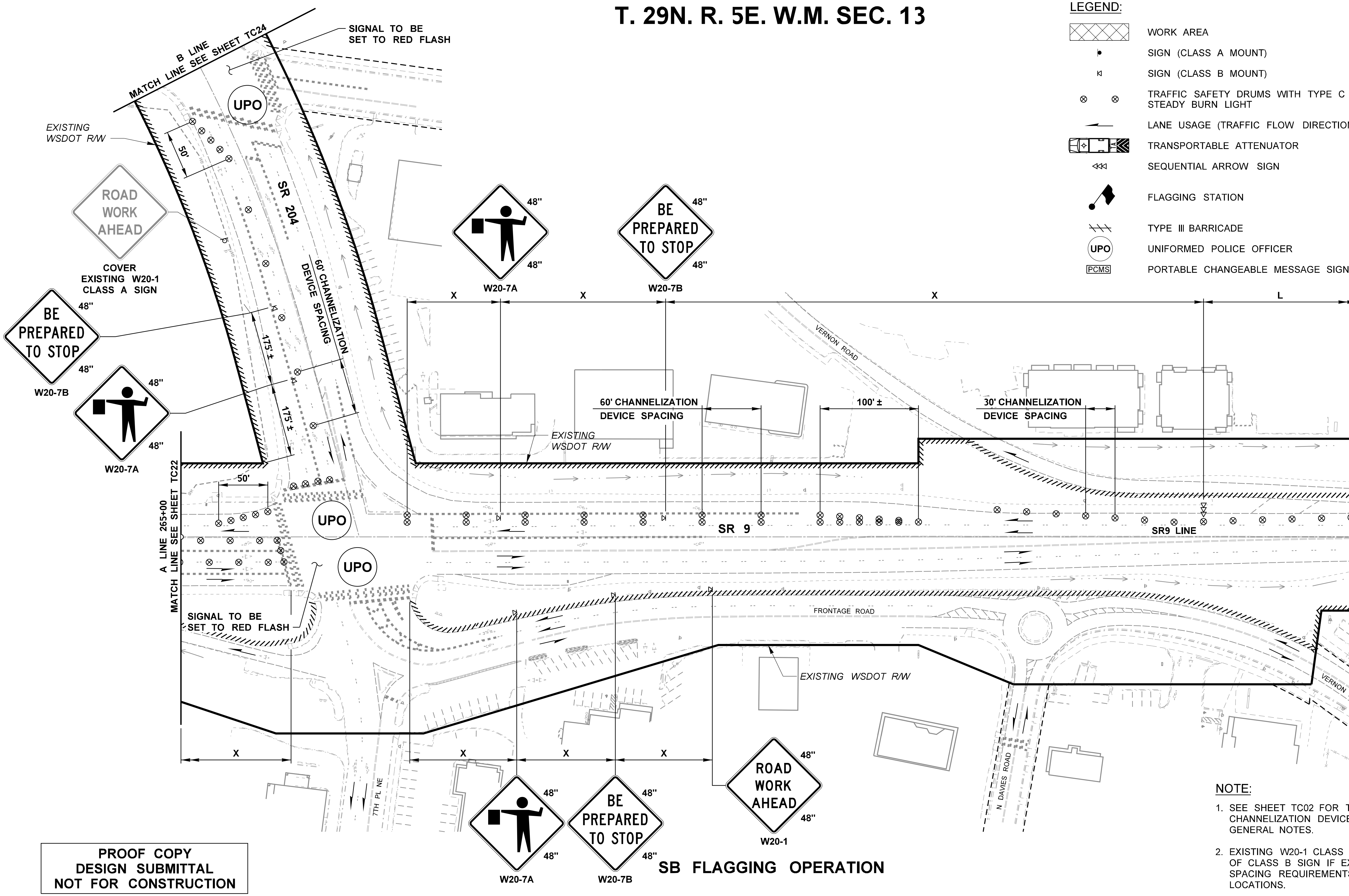
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

PLAN REF NO TC22

SHEET 142 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13



LEGEND:

- WORK AREA
- SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TRANSPORTABLE ATTENUATOR
- SEQUENTIAL ARROW SIGN
- FLAGGING STATION
- TYPE III BARRICADE
- UPO UNIFORMED POLICE OFFICER
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_23.dgn
TIME	9:13:12 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	

JOB NUMBER 20A013

CONTRACT NO. LOCATION NO.

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED · PROFESSIONAL ENGINEER

P.E. STAMP BOX DATE

PARSONS

Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

PLAN REF NO TC23

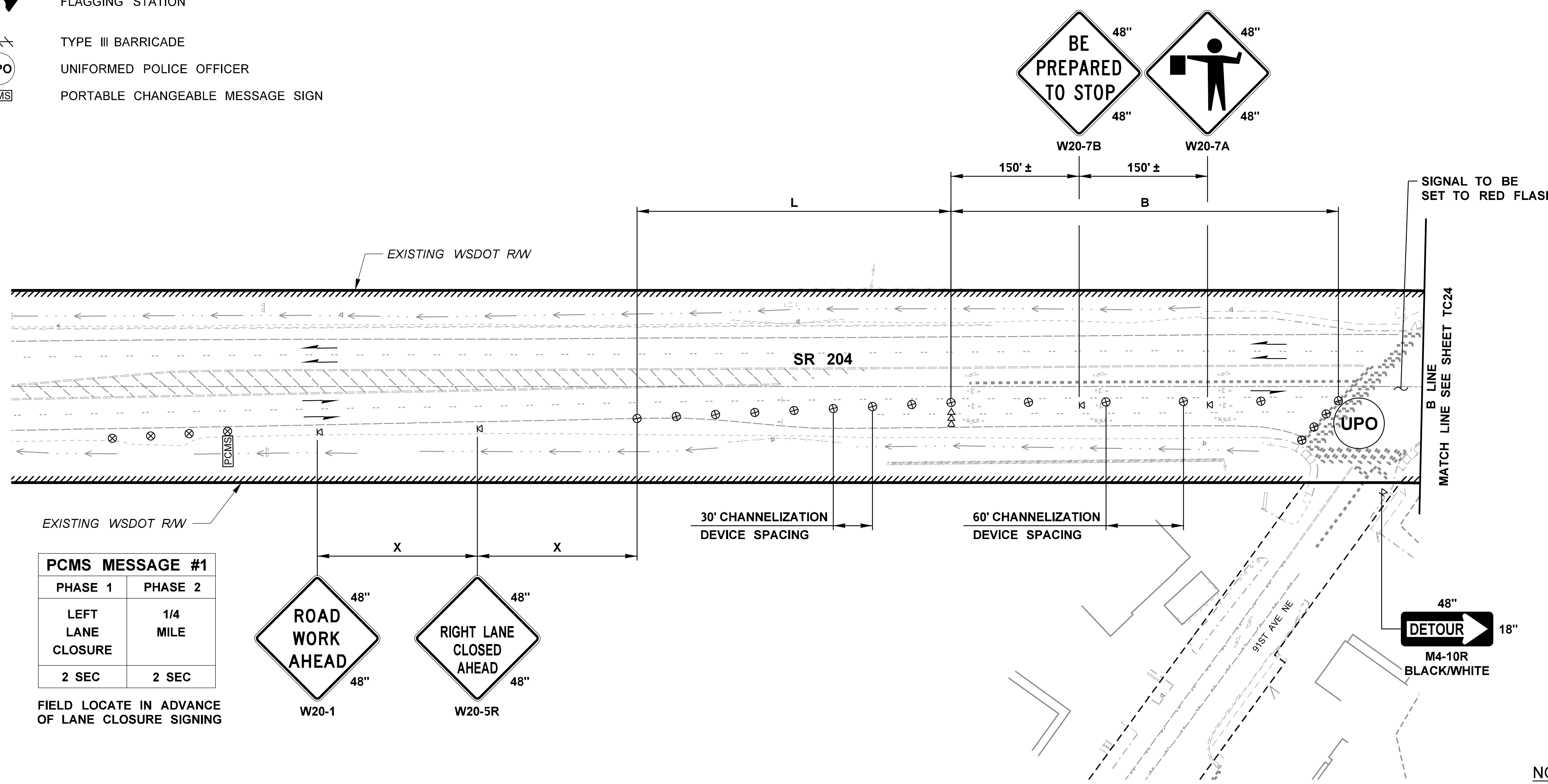
SHEET 143 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

LEGEND:

- WORK AREA
- SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TRANSPORTABLE ATTENUATOR
- SEQUENTIAL ARROW SIGN
- FLAGGING STATION
- TYPE III BARRICADE
- UNIFORMED POLICE OFFICER
- PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET



PCMS MESSAGE #1	
PHASE 1	PHASE 2
LEFT LANE CLOSURE	1/4 MILE
2 SEC	2 SEC

FIELD LOCATE IN ADVANCE OF LANE CLOSURE SIGNING

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

SB FLAGGING OPERATION

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_24.dgn
TIME	9:13:31 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES
STATE OF WASHINGTON
43476
REGISTERED
PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

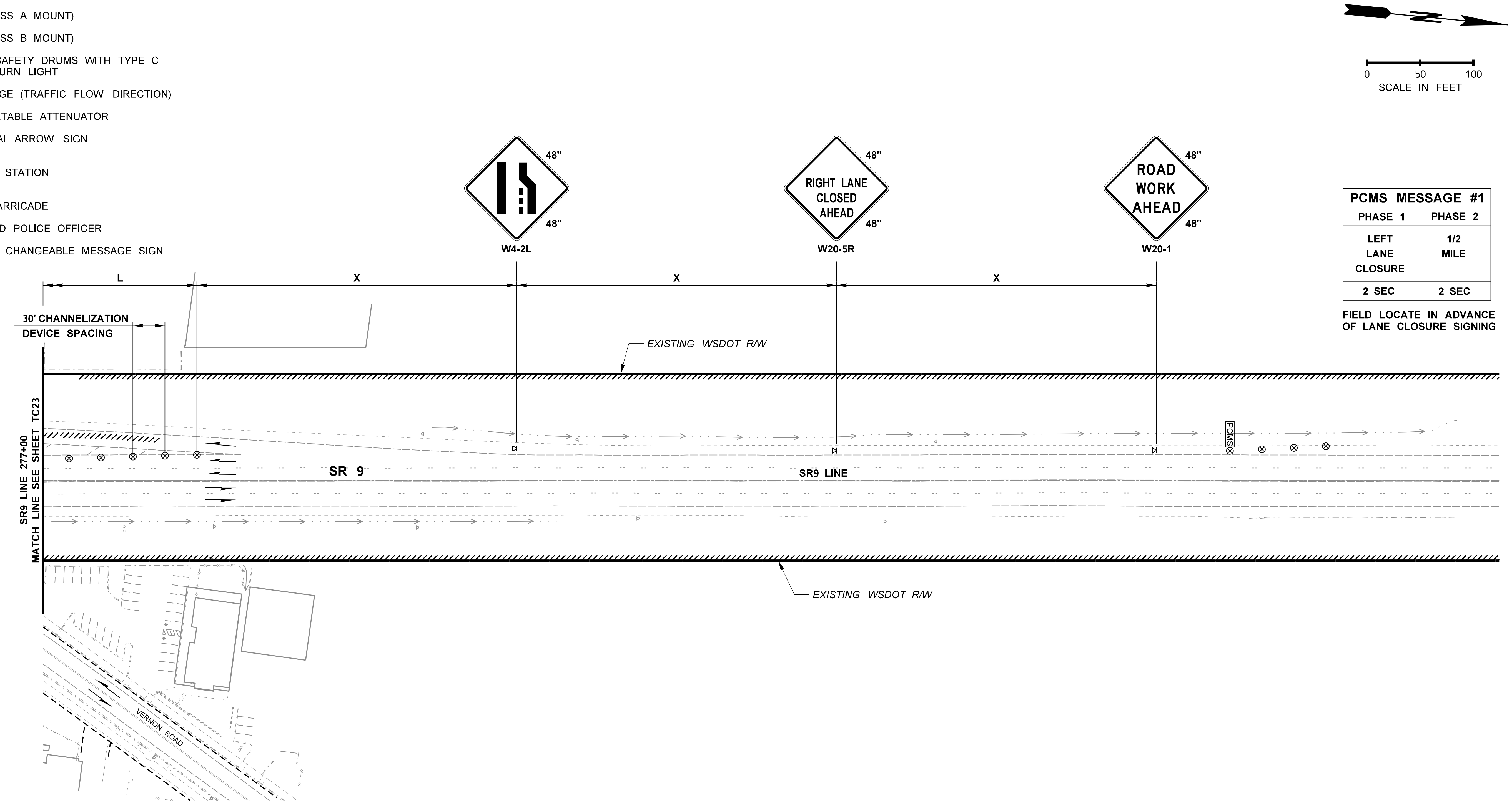
PLAN REF NO
TC24

SHEET 144 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

LEGEND:

- WORK AREA
- SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TRANSPORTABLE ATTENUATOR
- SEQUENTIAL ARROW SIGN
- FLAGGING STATION
- TYPE III BARRICADE
- UPO UNIFORMED POLICE OFFICER
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN



PCMS MESSAGE #1	
PHASE 1	PHASE 2
LEFT LANE CLOSURE	1/2 MILE
2 SEC	2 SEC

FIELD LOCATE IN ADVANCE OF LANE CLOSURE SIGNING

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

SB FLAGGING OPERATION

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_25.dgn
TIME	9:13:48 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

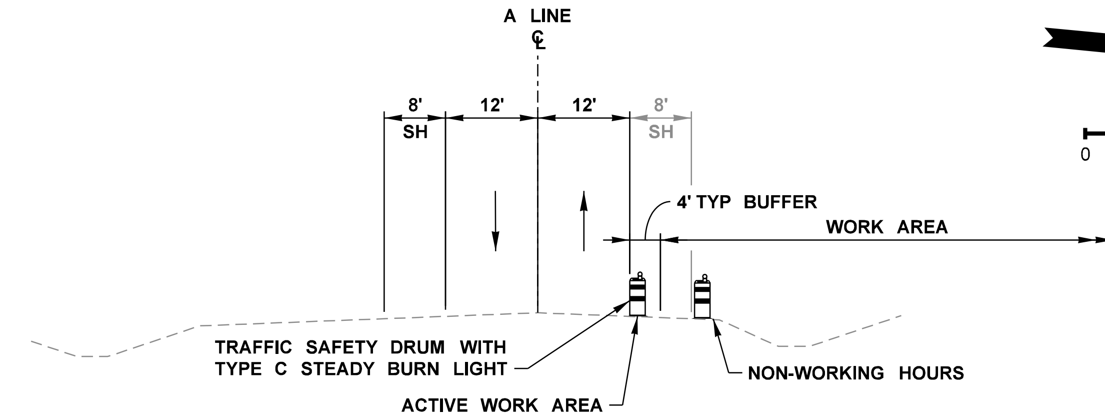
PLAN REF NO TC25

SHEET 145 OF 161 SHEETS

LEGEND:

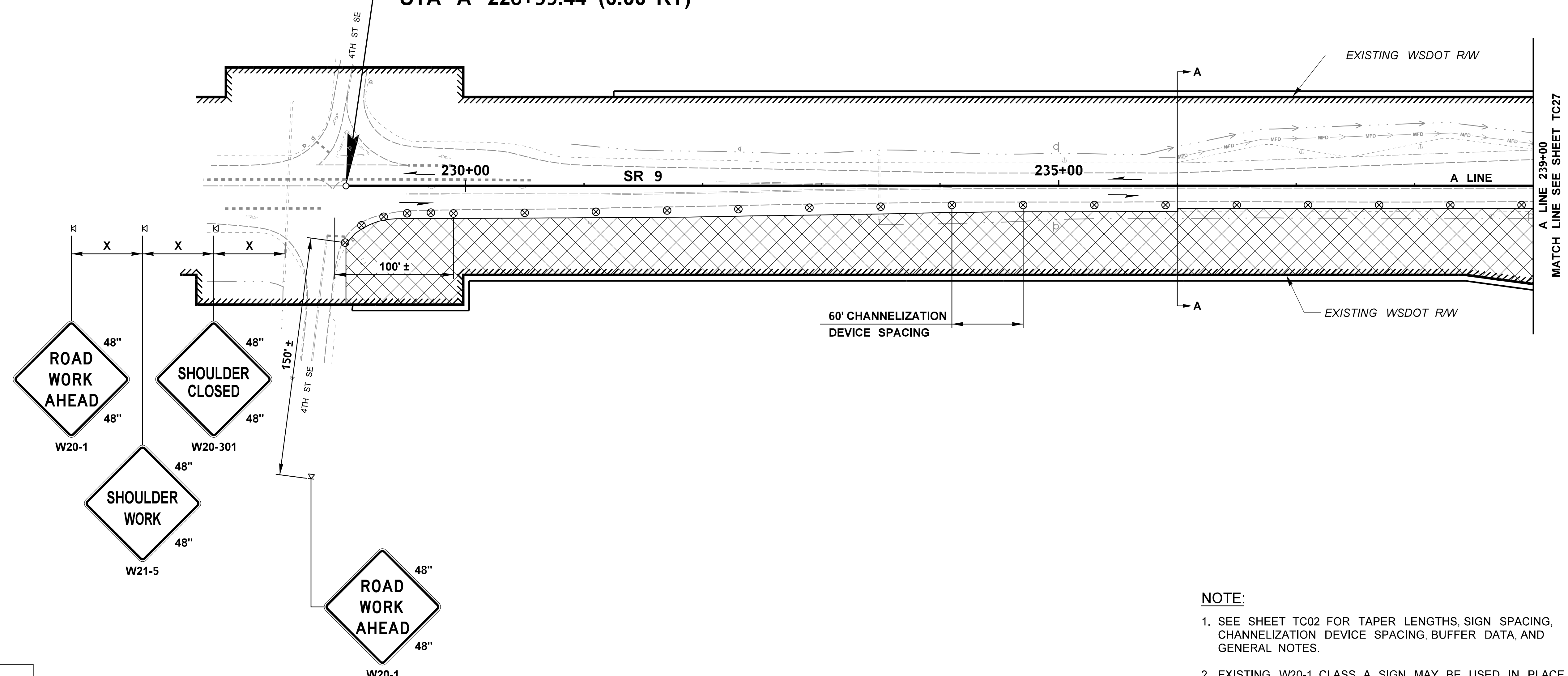
- WORK AREA
- EXISTING SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW ARROW)

T. 29N. R. 5E. W.M. SEC. 13



SECTION A-A
A 236+00
NOT TO SCALE

0 50 100
SCALE IN FEET



NB OUTSIDE SHOULDER CLOSURE

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_26.dgn
TIME	9:14:06 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES
STATE OF WASHINGTON
43476
REGISTERED
PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

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Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

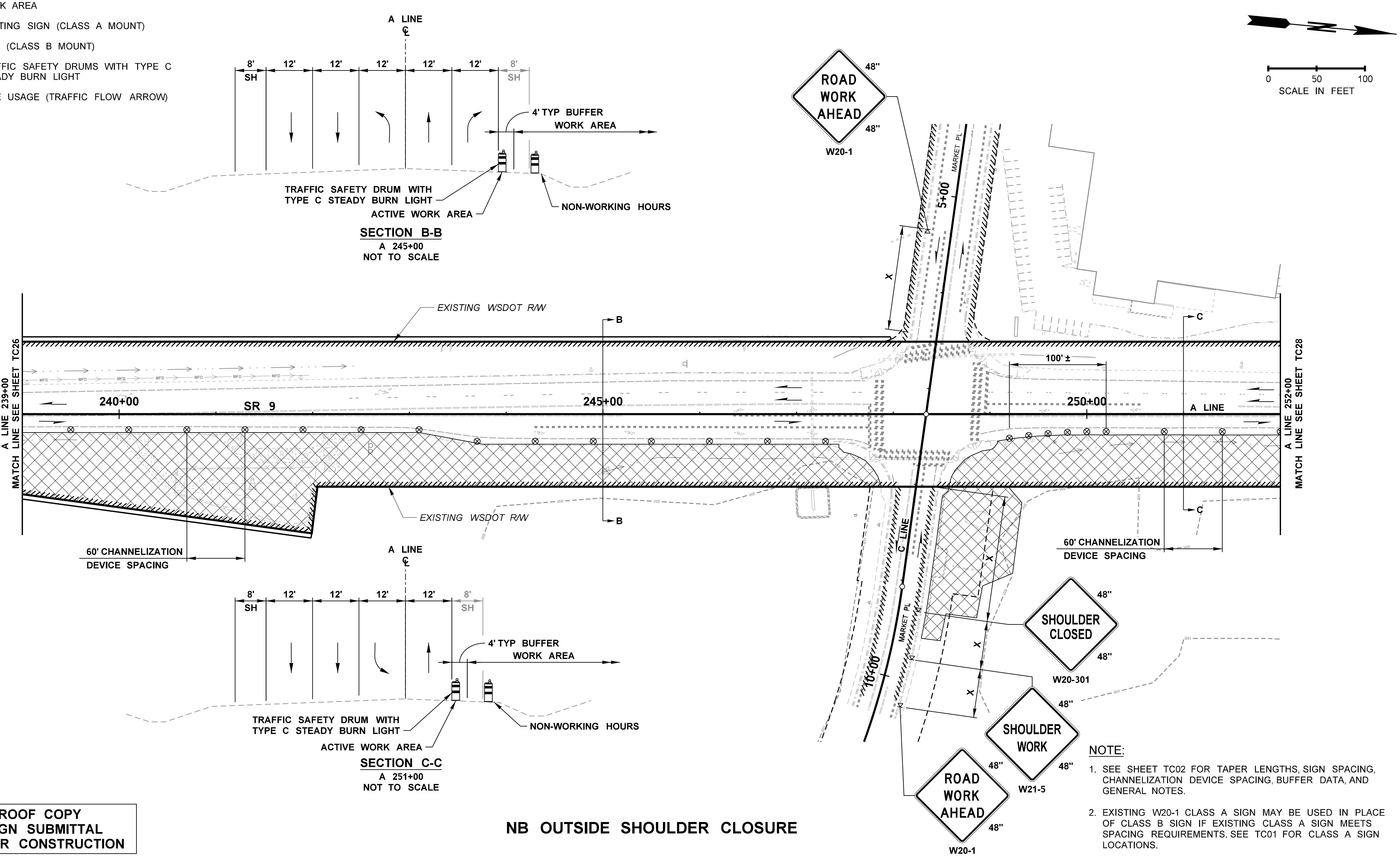
PLAN REF NO
TC26

SHEET
146
OF
161
SHEETS

T. 29N. R. 5E. W.M. SEC. 13

LEGEND:

- WORK AREA
- EXISTING SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW ARROW)



NB OUTSIDE SHOULDER CLOSURE

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage_2_Y-11834_PS_TC_27.dgn
TIME	9:14:26 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.	LOCATION NO.	

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

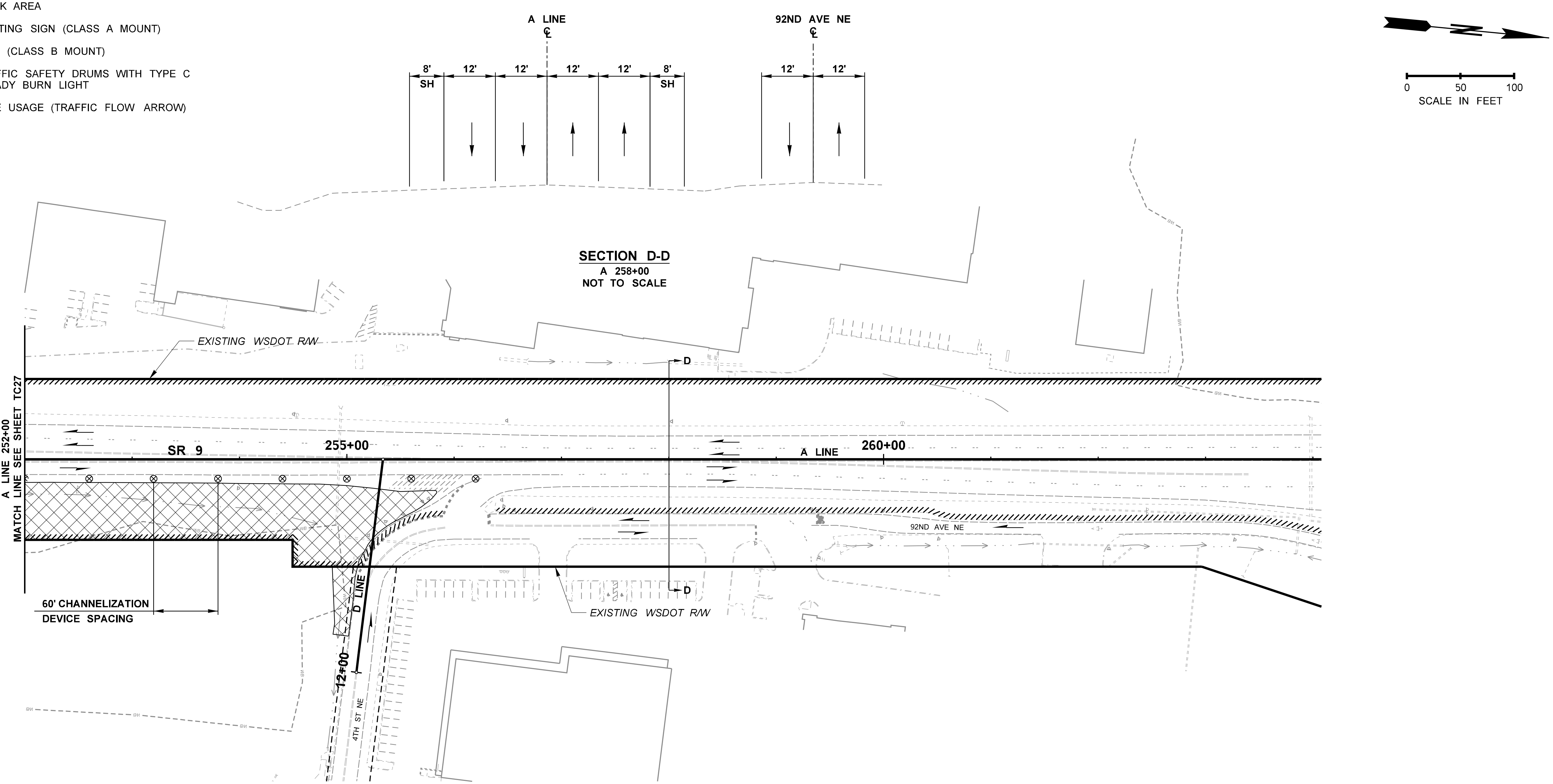
PLAN REF NO TC27

SHEET 147 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

LEGEND:

- WORK AREA
- EXISTING SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW ARROW)



NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NB OUTSIDE SHOULDER CLOSURE

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage_2_Y-11834_PS_TC_28.dgn
TIME	9:14:39 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES
STATE OF WASHINGTON
43476
REGISTERED
PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

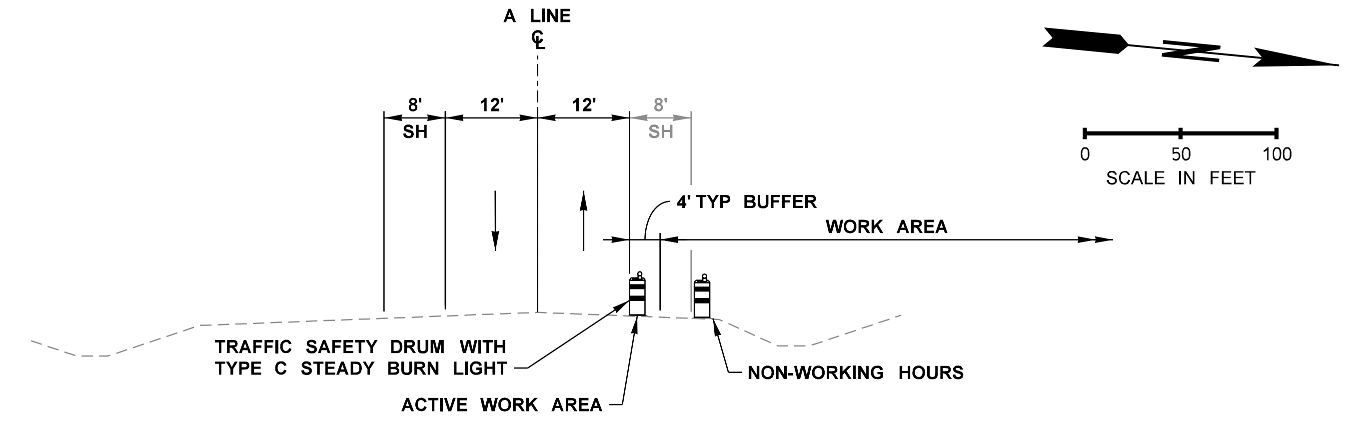
PLAN REF NO
TC28

SHEET
148
OF
161
SHEETS

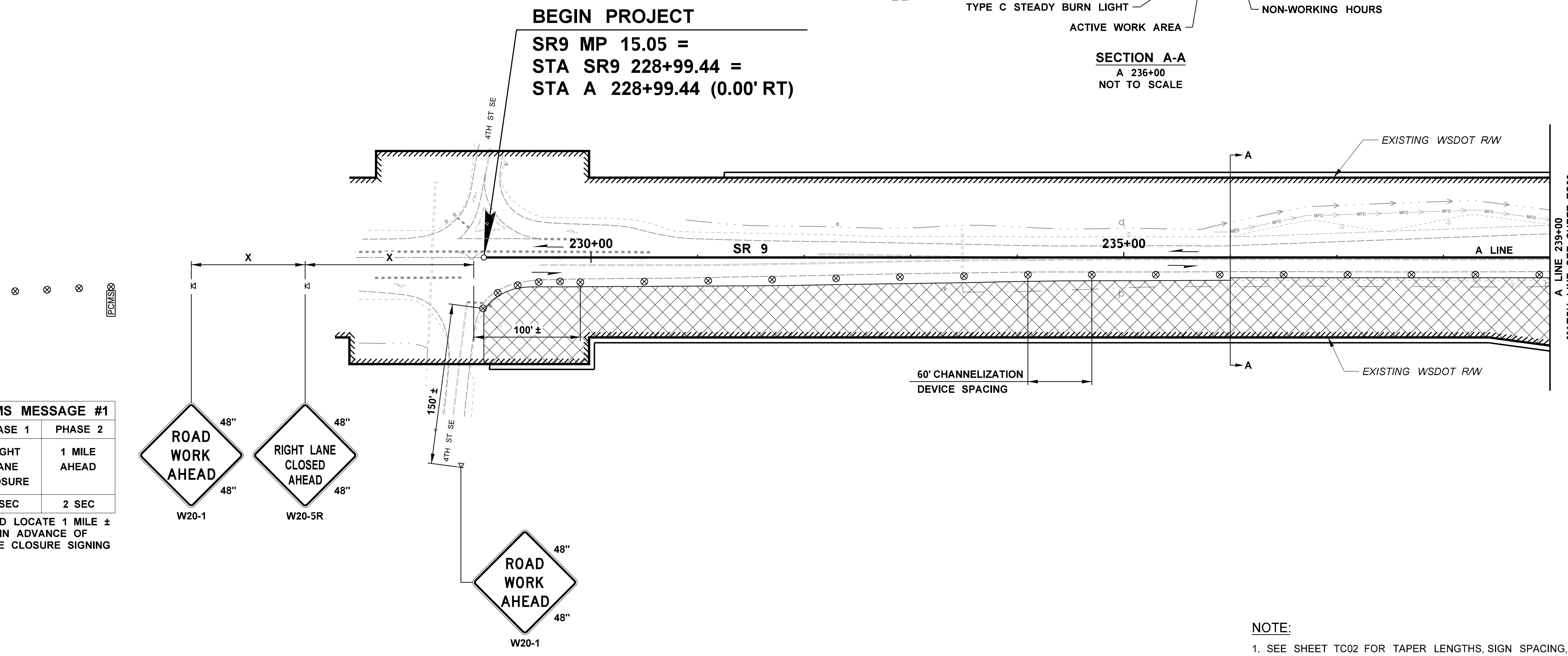
T. 29N. R. 5E. W.M. SEC. 13

LEGEND:

(hatched box)	WORK AREA
	EXISTING SIGN (CLASS A MOUNT)
	SIGN (CLASS B MOUNT)
⊗ ⊗	TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
	LANE USAGE (TRAFFIC FLOW ARROW)
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN



SECTION A-A
A 236+00
NOT TO SCALE



PCMS MESSAGE #1	
PHASE 1	PHASE 2
RIGHT LANE CLOSURE	1 MILE AHEAD
2 SEC	2 SEC

FIELD LOCATE 1 MILE ± IN ADVANCE OF LANE CLOSURE SIGNING

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NB OUTSIDE LANE CLOSURE

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage_2_Y-11834_PS_TC_29.dgn
TIME	9:14:52 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.	LOCATION NO.	

STEPHEN P. BATES
STATE OF WASHINGTON
43476
REGISTERED
PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

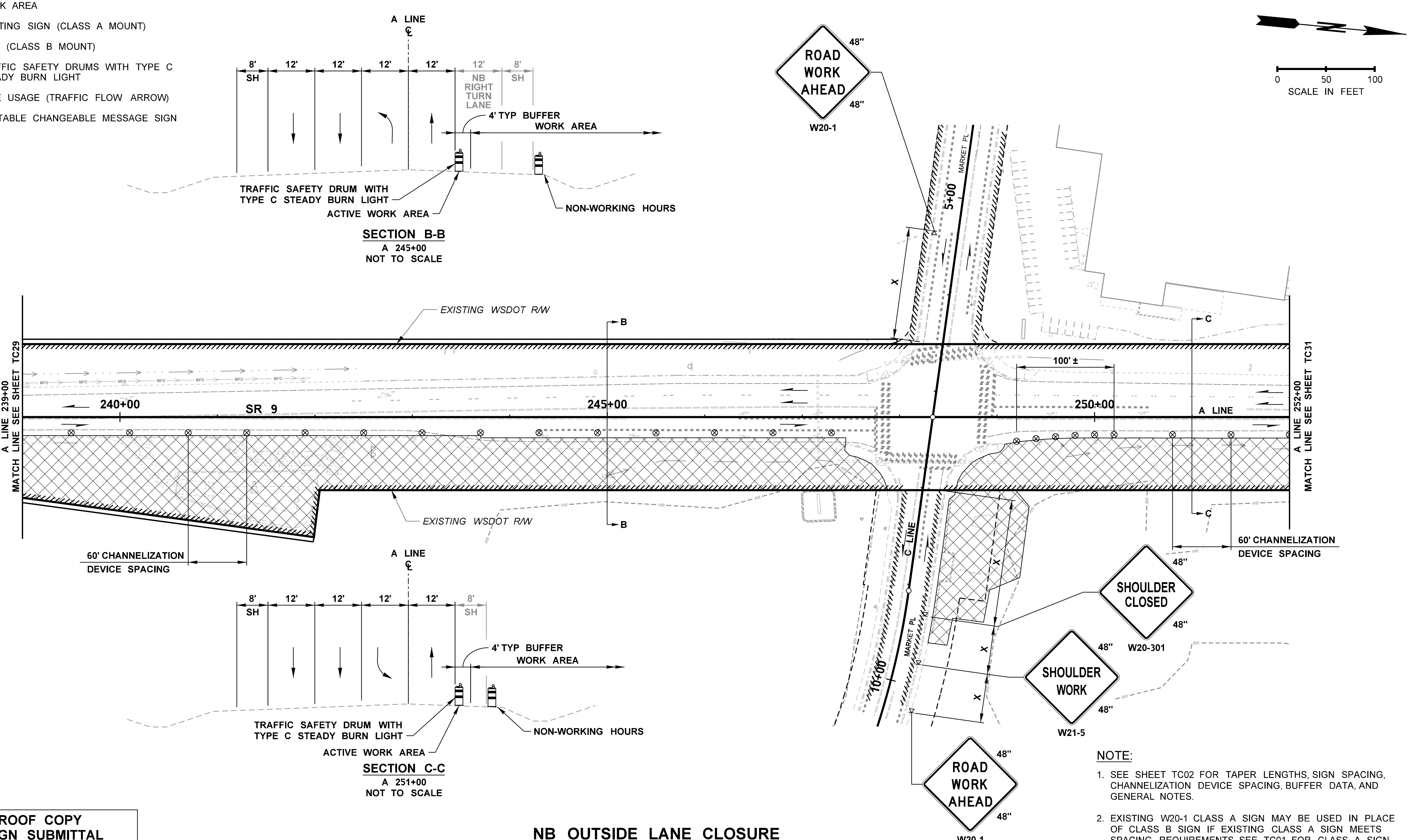
PLAN REF NO TC29

SHEET 149 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

LEGEND:

- WORK AREA
- EXISTING SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW ARROW)
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN



PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage_2_Y-11834_PS_TC_30.dgn
TIME	9:15:05 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.	LOCATION NO.	

STEPHEN P. BATES — STATE OF WASHINGTON — 43476 — REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

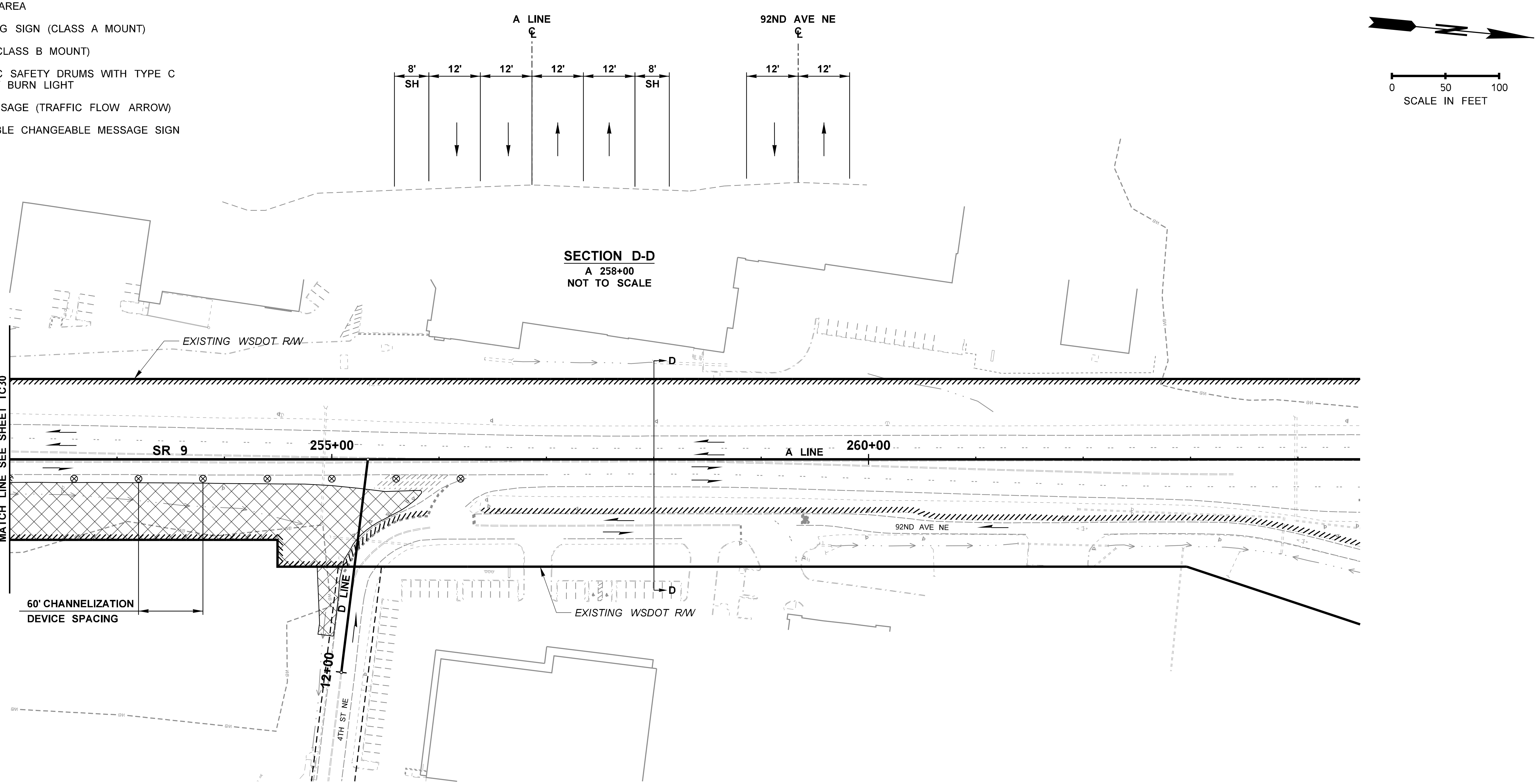
PLAN REF NO TC30

SHEET 150 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

LEGEND:

- WORK AREA
- EXISTING SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW ARROW)
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN



NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NB OUTSIDE LANE CLOSURE

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage_2_Y-11834_PS_TC_31.dgn				
TIME	9:15:19 PM				
DATE	9/26/2020				
PLOTTED BY	p0024020				
DESIGNED BY	S. BATES				
ENTERED BY	K. MCWILLIAMS				
CHECKED BY	E. AKE				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

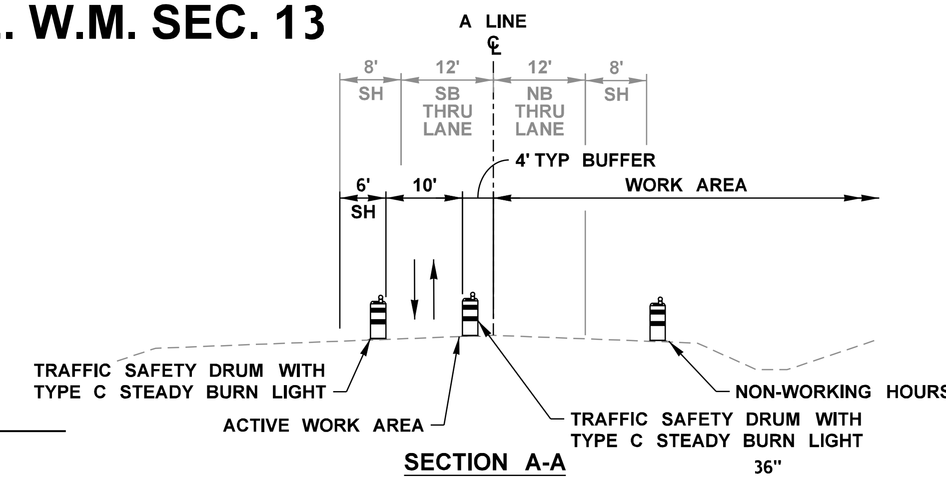
PLAN REF NO TC31

SHEET 151 OF 161 SHEETS

LEGEND:

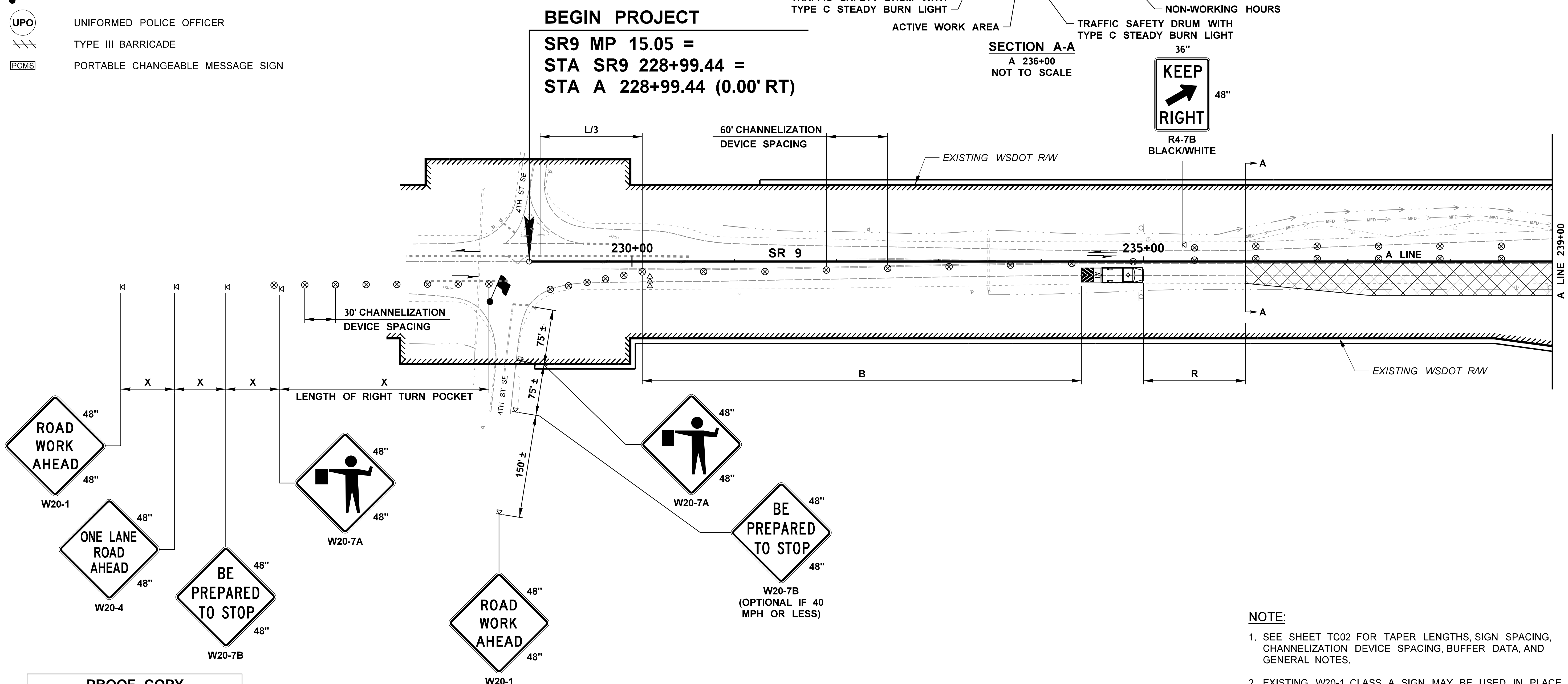
- WORK AREA
- EXISTING SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW ARROW)
- TRANSPORTABLE ATTENUATOR
- SEQUENTIAL ARROW SIGN
- FLAGGING STATION
- UPO — UNIFORMED POLICE OFFICER
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN

T. 29N. R. 5E. W.M. SEC. 13



SECTION A-A
A 236+00
NOT TO SCALE

0 50 100
SCALE IN FEET



PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NB FLAGGING OPERATIONS

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_32.dgn
TIME	9:15:32 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES
STATE OF WASHINGTON
43476
REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

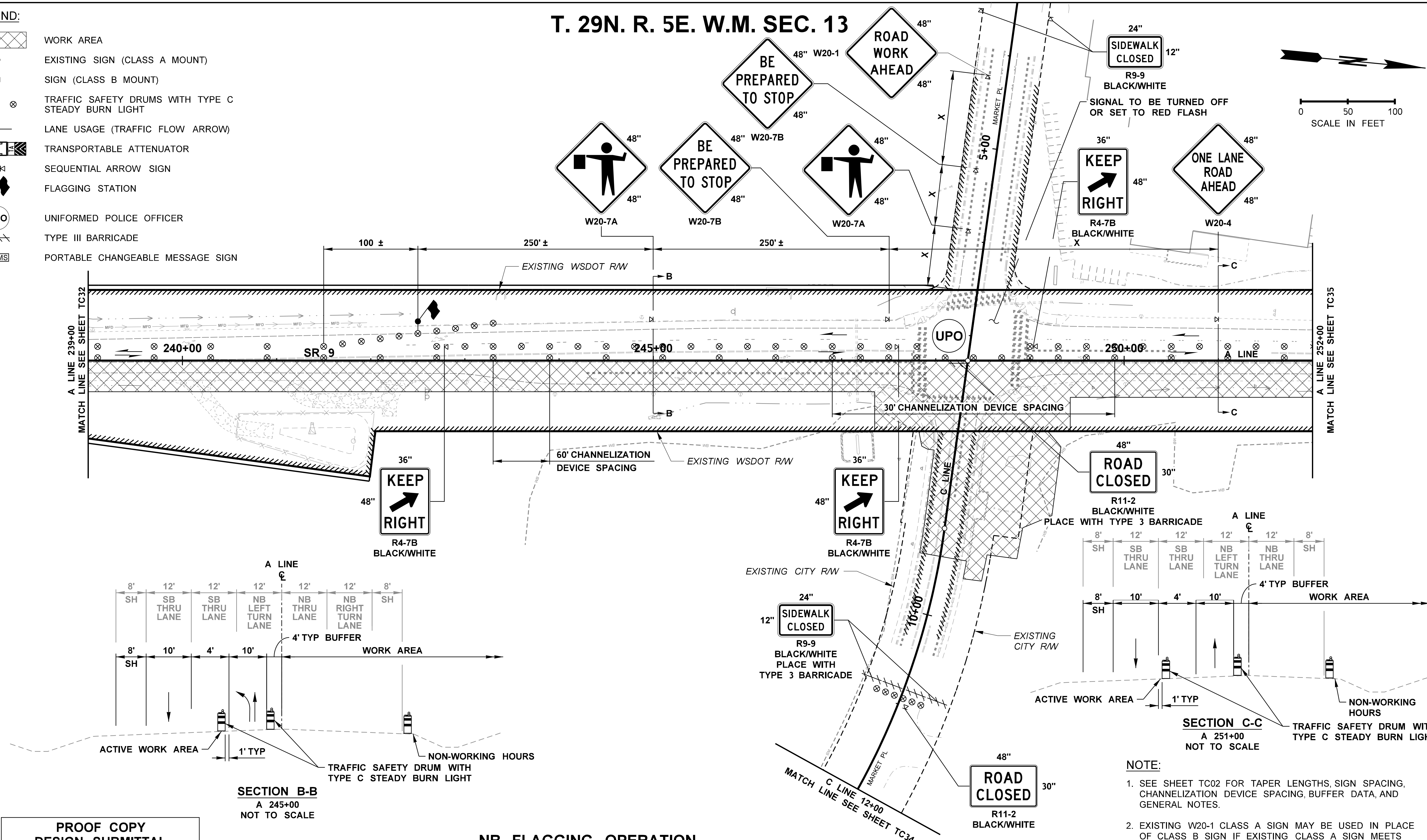
PLAN REF NO TC32

SHEET 152 OF 161 SHEETS

LEGEND:

- WORK AREA
- EXISTING SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW ARROW)
- TRANSPORTABLE ATTENUATOR
- SEQUENTIAL ARROW SIGN
- FLAGGING STATION
- UPO — UNIFORMED POLICE OFFICER
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN

T. 29N. R. 5E. W.M. SEC. 13



NB FLAGGING OPERATION

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage_2_Y-11834_PS_TC_33.dgn
TIME	9:15:45 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 — STATE WASH — FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. — LOCATION NO.

STEPHEN P. BATES — STATE OF WASHINGTON — 43476 — REGISTERED PROFESSIONAL ENGINEER
P.E. STAMP BOX — DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

PLAN REF NO TC33

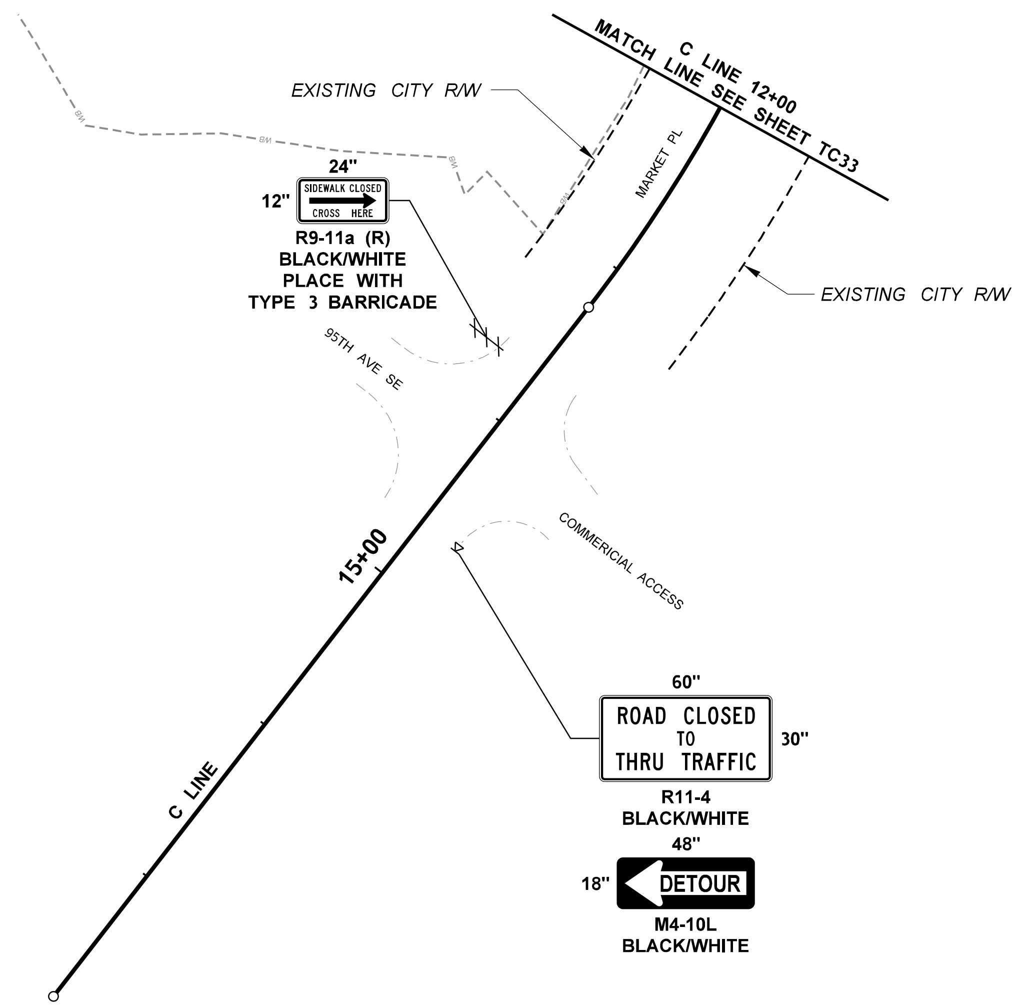
SHEET 153 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

LEGEND:

- WORK AREA
- EXISTING SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW ARROW)
- TRANSPORTABLE ATTENUATOR
- SEQUENTIAL ARROW SIGN
- FLAGGING STATION
- UNIFORMED POLICE OFFICER
- TYPE III BARRICADE
- PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET



NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NB FLAGGING OPERATION

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_34.dgn
TIME	9:15:59 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

PLAN REF NO TC34

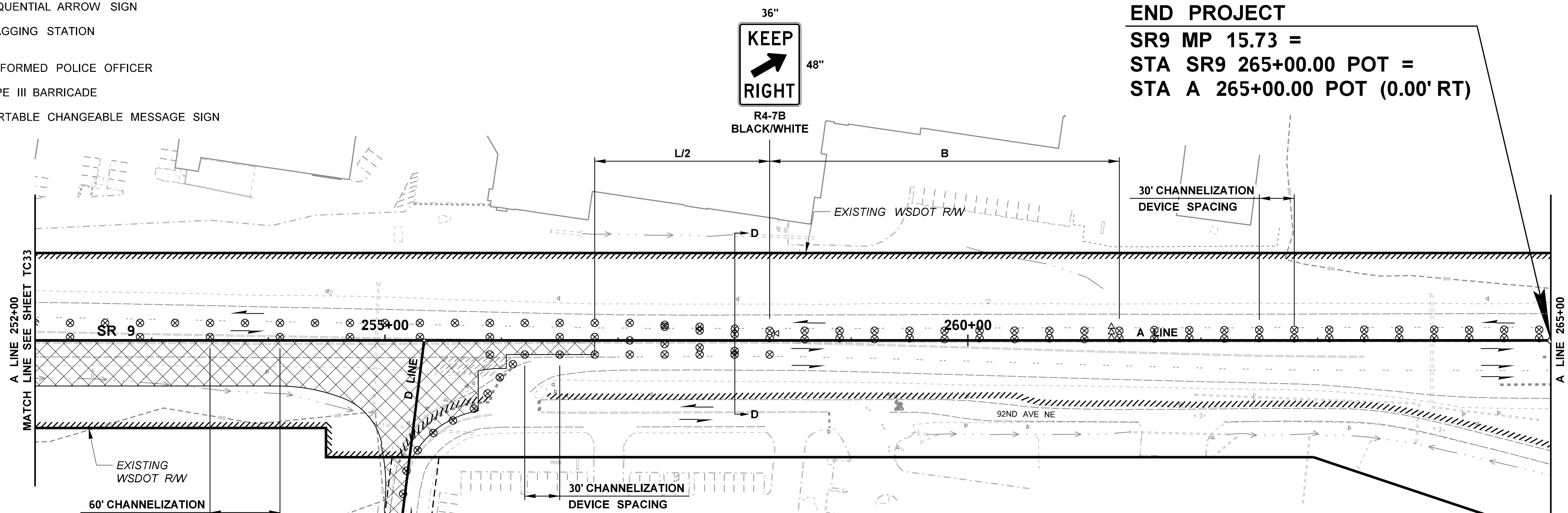
SHEET 154 OF 161 SHEETS

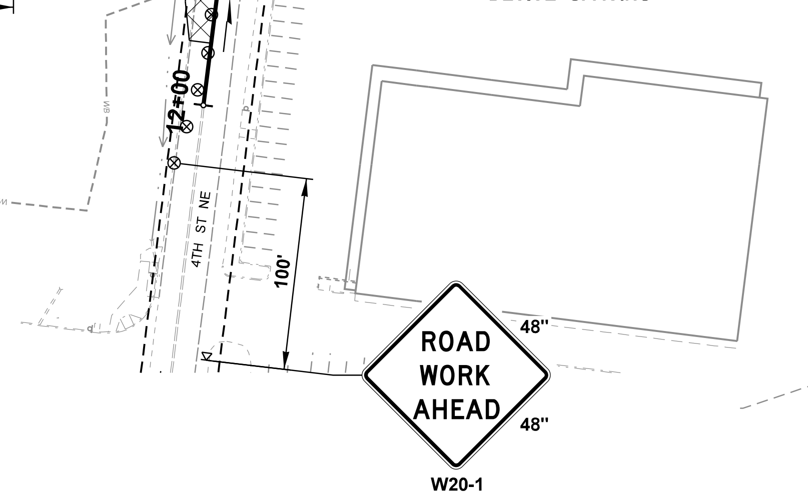
T. 29N. R. 5E. W.M. SEC. 13

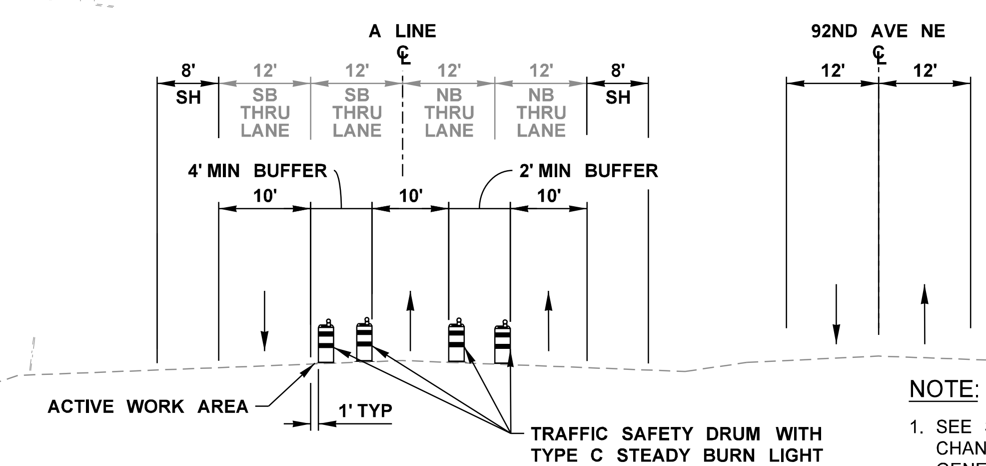
LEGEND:

	WORK AREA
	EXISTING SIGN (CLASS A MOUNT)
	SIGN (CLASS B MOUNT)
	TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
	LANE USAGE (TRAFFIC FLOW ARROW)
	TRANSPORTABLE ATTENUATOR
	SEQUENTIAL ARROW SIGN
	FLAGGING STATION
UPO	UNIFORMED POLICE OFFICER
	TYPE III BARRICADE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET







SECTION D-D
A 258+00
NOT TO SCALE

NB FLAGGING OPERATION

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage_2_Y-11834_PS_TC_35.dgn
TIME	9:16:12 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.	LOCATION NO.	

STEPHEN P. BATES, STATE OF WASHINGTON, 43476, REGISTERED PROFESSIONAL ENGINEER
P.E. STAMP BOX
DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)
TRAFFIC CONTROL PLAN

PLAN REF NO TC35

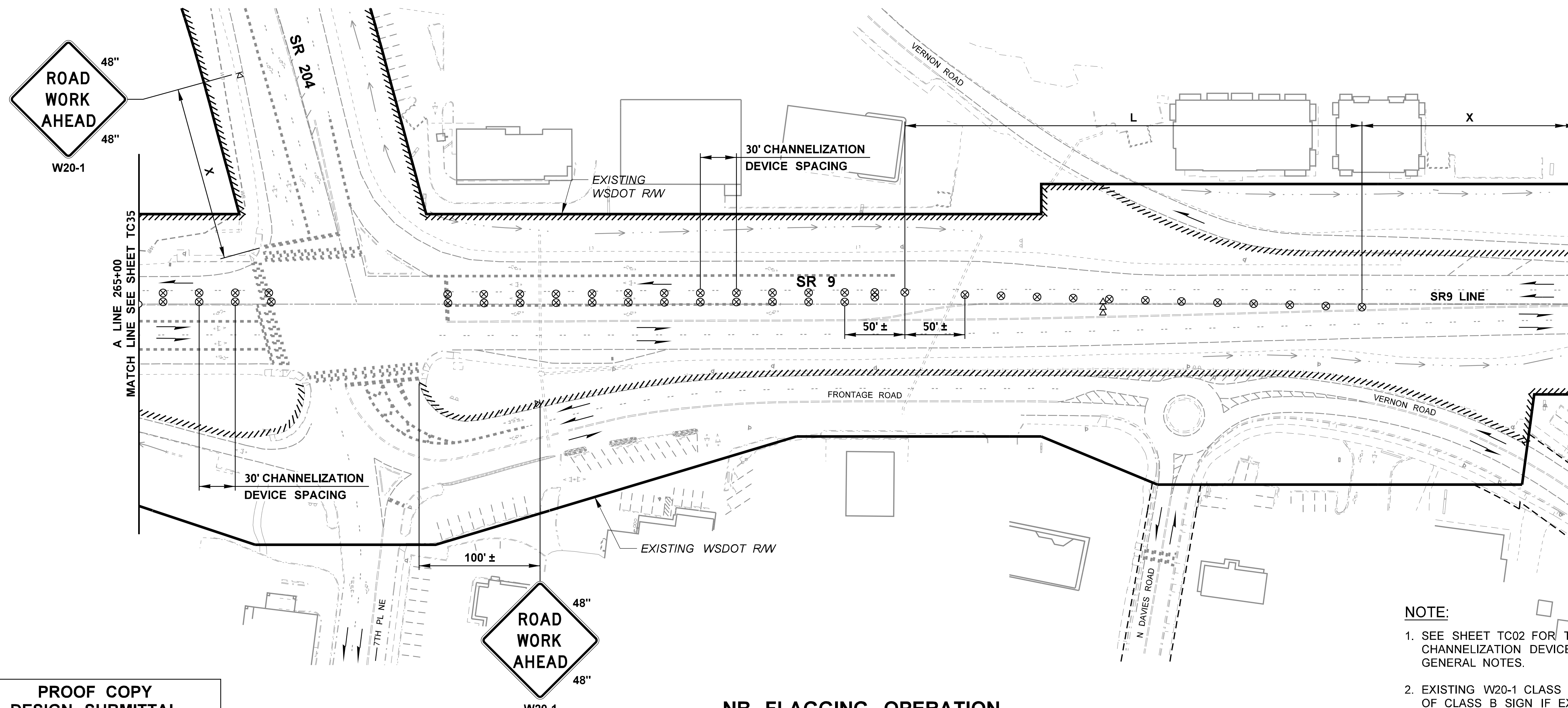
SHEET 155 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

LEGEND:

- WORK AREA
- EXISTING SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW ARROW)
- TRANSPORTABLE ATTENUATOR
- SEQUENTIAL ARROW SIGN
- FLAGGING STATION
- UPO UNIFORMED POLICE OFFICER
- TYPE III BARRICADE
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET



PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NB FLAGGING OPERATION

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage_2_Y-11834_PS_TC_36.dgn
TIME	9:16:25 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES — STATE OF WASHINGTON — 43476 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

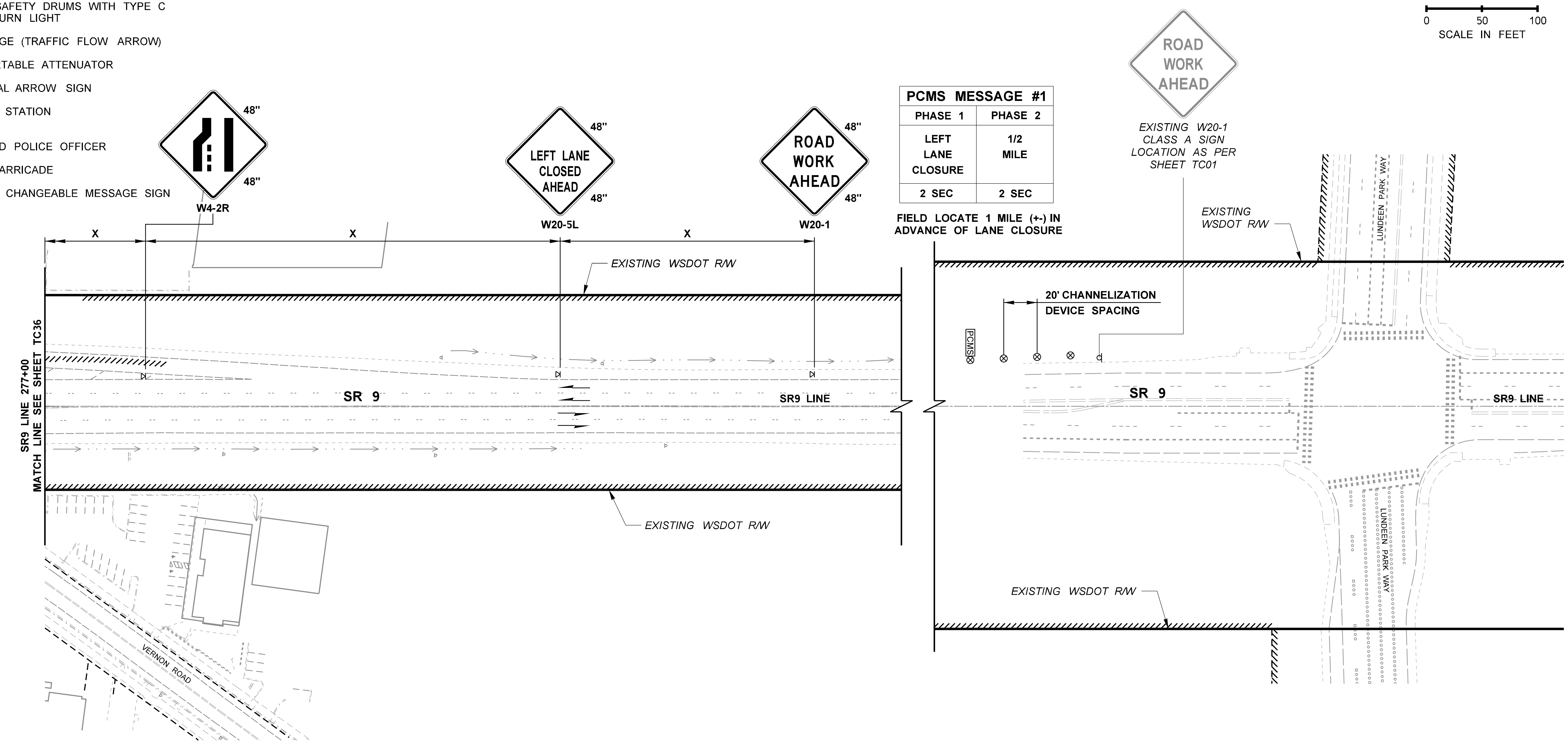
PLAN REF NO TC36

SHEET 156 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

LEGEND:

- WORK AREA
- EXISTING SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW ARROW)
- TRANSPORTABLE ATTENUATOR
- SEQUENTIAL ARROW SIGN
- FLAGGING STATION
- UPO UNIFORMED POLICE OFFICER
- TYPE III BARRICADE
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN



PCMS MESSAGE #1	
PHASE 1	PHASE 2
LEFT LANE CLOSURE	1/2 MILE
2 SEC	2 SEC

FIELD LOCATE 1 MILE (+-) IN ADVANCE OF LANE CLOSURE

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NB FLAGGING OPERATION

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_37.dgn
TIME	9:16:39 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO | REVISION | DATE | BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER 43476
P.E. STAMP BOX | DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

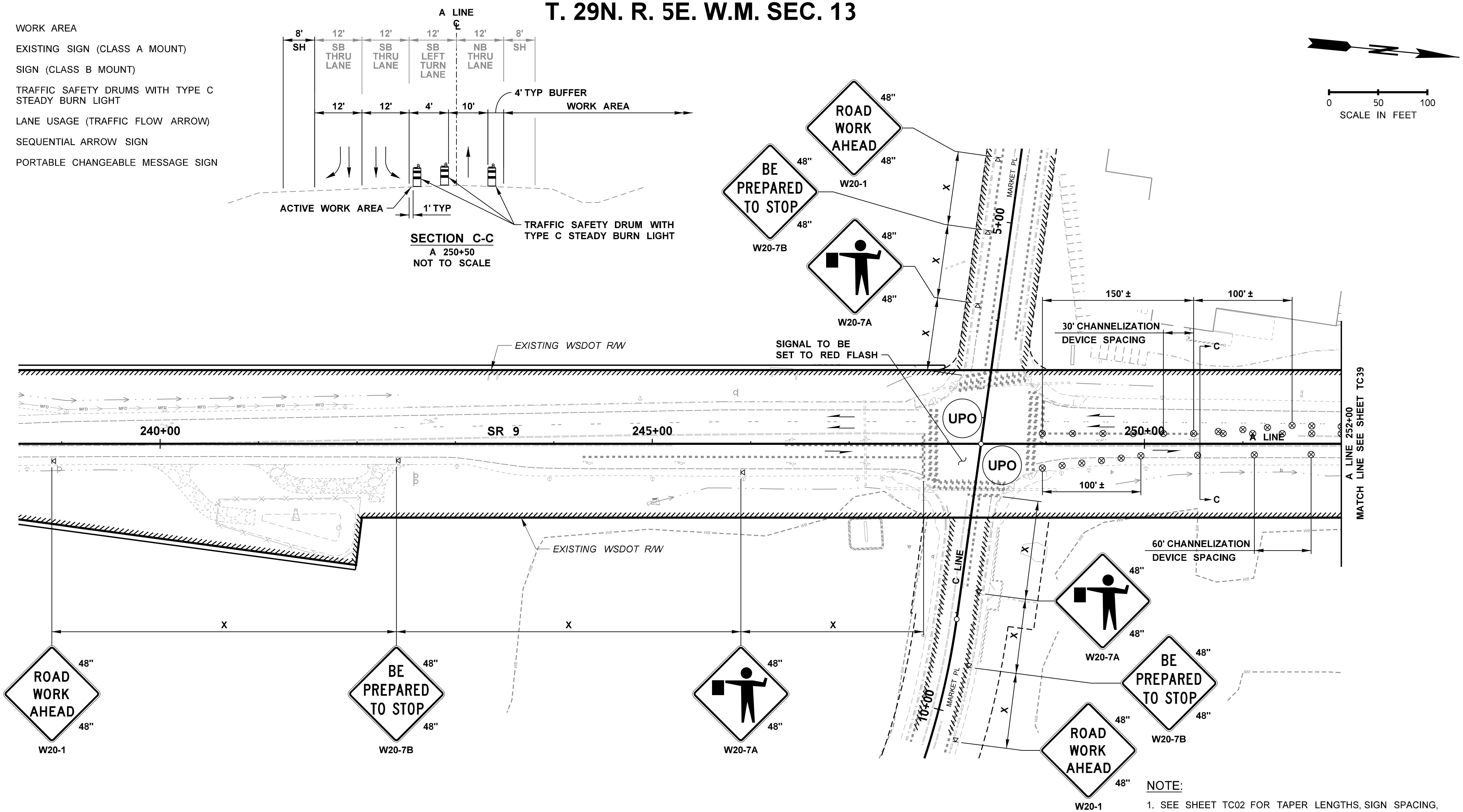
PLAN REF NO TC37

SHEET 157 OF 161 SHEETS

LEGEND:

- WORK AREA
- EXISTING SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW ARROW)
- SEQUENTIAL ARROW SIGN
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN

T. 29N. R. 5E. W.M. SEC. 13



PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

4TH ST NE TIE-IN WORK

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_38.dgn
TIME	9:16:52 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

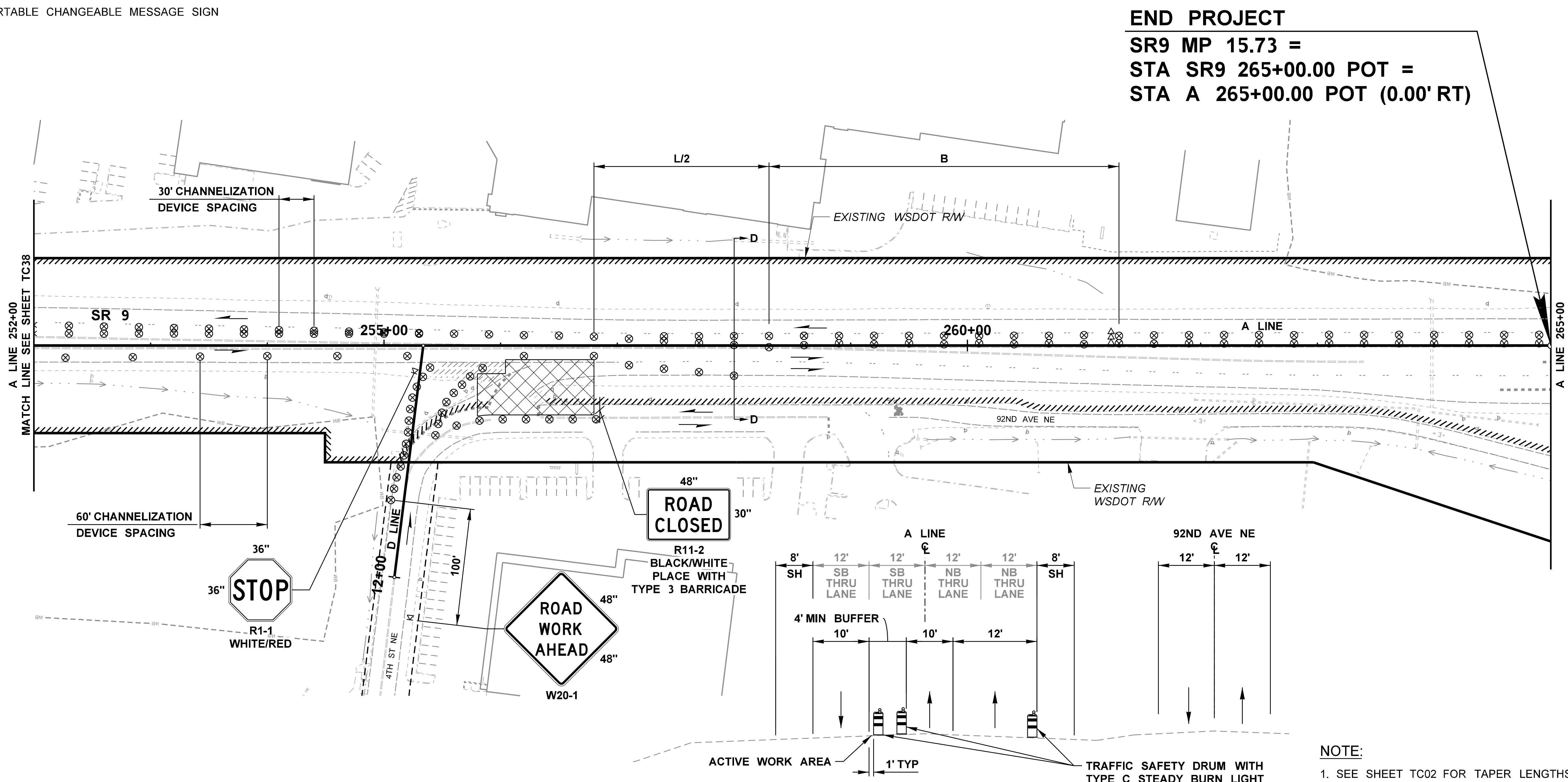
PLAN REF NO TC38

SHEET 158 OF 161 SHEETS

LEGEND:

- WORK AREA
- EXISTING SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW ARROW)
- SEQUENTIAL ARROW SIGN
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN

T. 29N. R. 5E. W.M. SEC. 13



SECTION D-D
A 258+00
NOT TO SCALE

4TH ST NE TIE-IN WORK

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage_2_Y-11834_PS_TC_39.dgn
TIME	9:47:54 PM
DATE	9/27/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES · STATE OF WASHINGTON · 43476 · REGISTERED · PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

PLAN REF NO TC39

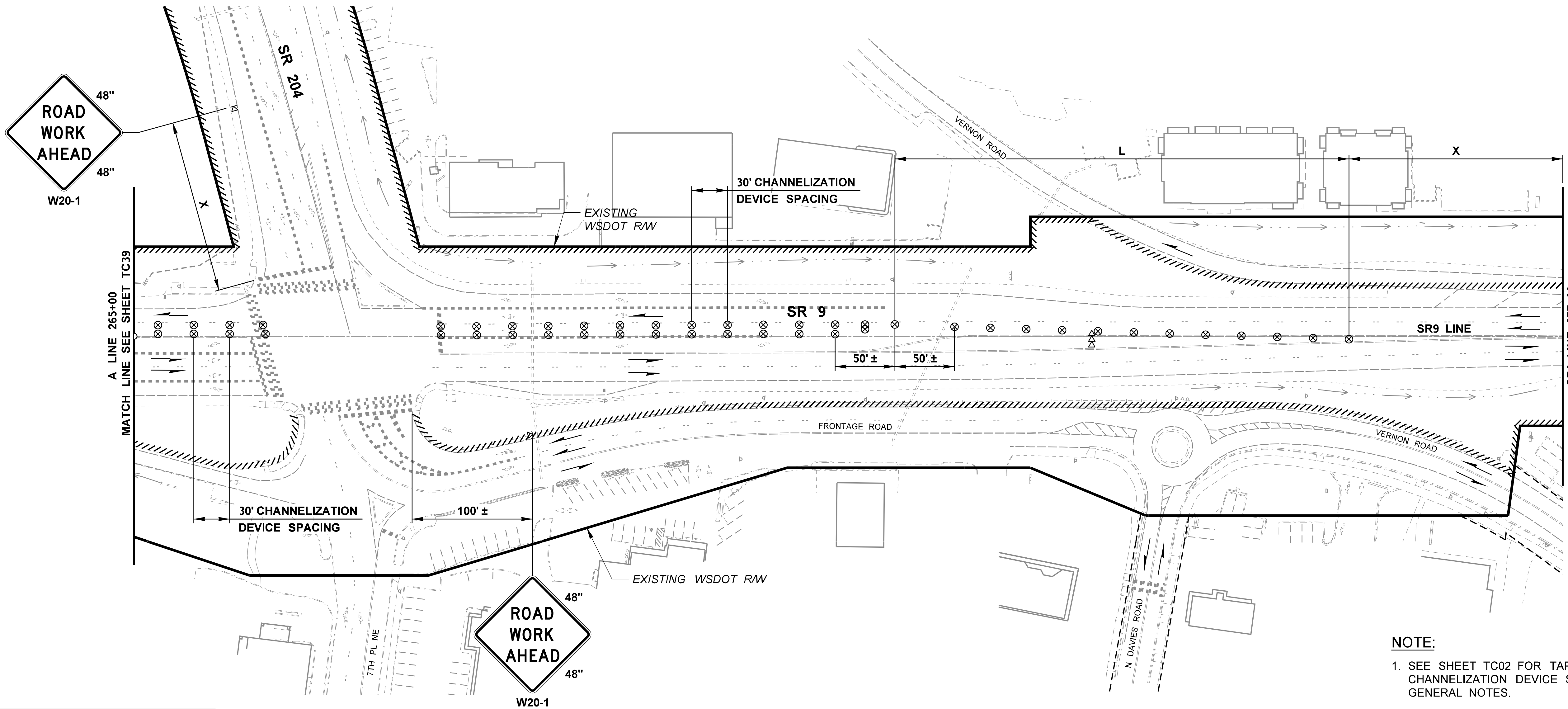
SHEET 159 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

LEGEND:

- WORK AREA
- EXISTING SIGN (CLASS A MOUNT)
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW ARROW)
- SEQUENTIAL ARROW SIGN
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN

0 50 100
SCALE IN FEET



PROOF COPY
DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

4TH ST NE TIE-IN WORK

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_40.dgn
TIME	9:17:18 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO. 10 | STATE WASH | FED.AID PROJ.NO.
JOB NUMBER 20A013
CONTRACT NO. | LOCATION NO.

STEPHEN P. BATES, STATE OF WASHINGTON, 43476, REGISTERED PROFESSIONAL ENGINEER
P.E. STAMP BOX | DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

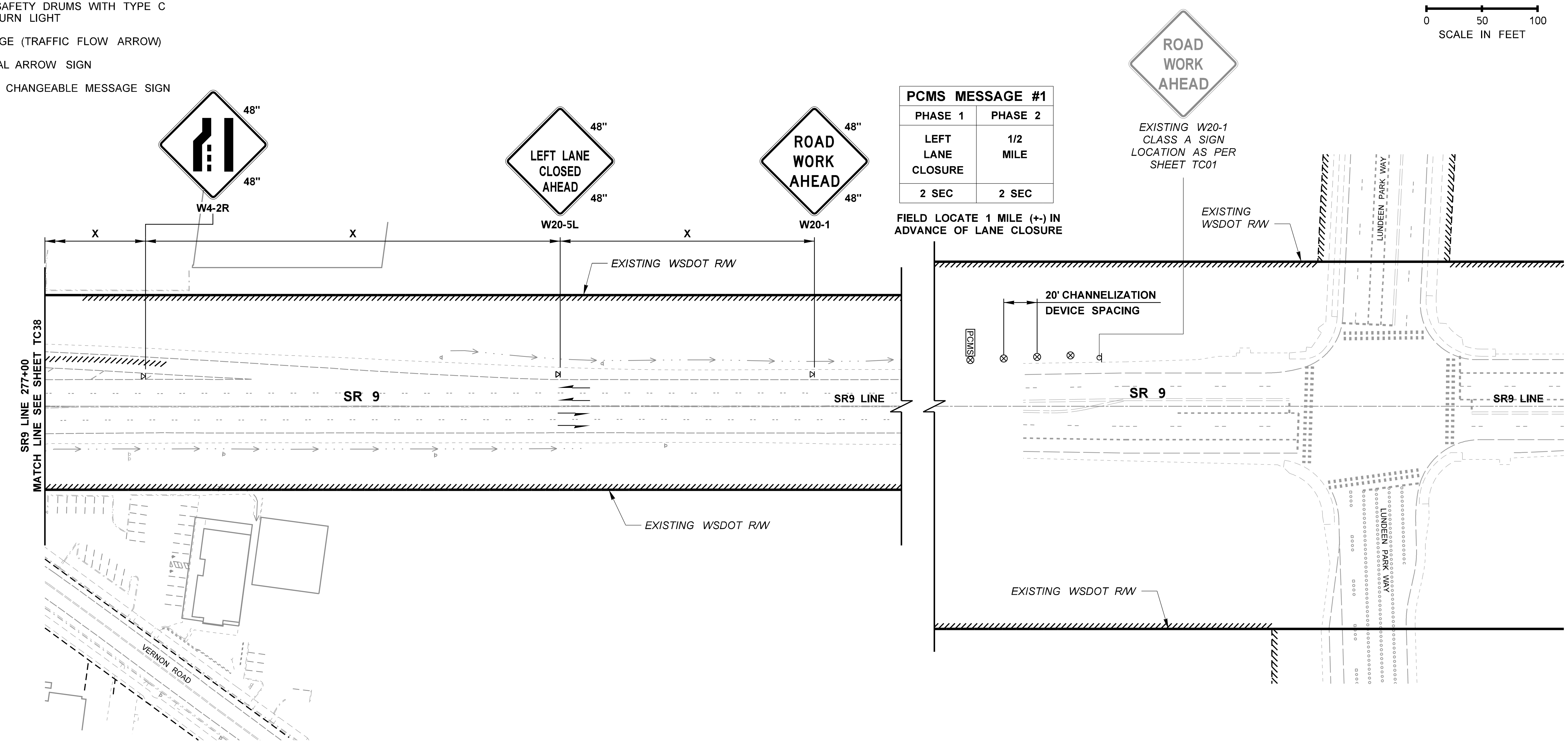
PLAN REF NO TC40

SHEET 160 OF 161 SHEETS

T. 29N. R. 5E. W.M. SEC. 13

LEGEND:

	WORK AREA
	EXISTING SIGN (CLASS A MOUNT)
	SIGN (CLASS B MOUNT)
	TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
	LANE USAGE (TRAFFIC FLOW ARROW)
	SEQUENTIAL ARROW SIGN
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN



PCMS MESSAGE #1	
PHASE 1	PHASE 2
LEFT LANE CLOSURE	1/2 MILE
2 SEC	2 SEC

FIELD LOCATE 1 MILE (+-) IN ADVANCE OF LANE CLOSURE

NOTE:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. EXISTING W20-1 CLASS A SIGN MAY BE USED IN PLACE OF CLASS B SIGN IF EXISTING CLASS A SIGN MEETS SPACING REQUIREMENTS. SEE TC01 FOR CLASS A SIGN LOCATIONS.

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DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

4TH ST NE TIE-IN WORK

FILE NAME	c:\pw_working\wastate\p0024020\dms08772\Stage 2_Y-11834_PS_TC_41.dgn
TIME	9:17:31 PM
DATE	9/26/2020
PLOTTED BY	p0024020
DESIGNED BY	S. BATES
ENTERED BY	K. MCWILLIAMS
CHECKED BY	E. AKE
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
20A013		
CONTRACT NO.		LOCATION NO.

STEPHEN P. BATES STATE OF WASHINGTON 43476 REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

TRAFFIC CONTROL PLAN

PLAN REF NO TC41

SHEET 161 OF 161 SHEETS