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100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

PLAN REFERENCE NO.
SHEET OF SHEETS

NOTE: ALL SHEET REFERENCES, FIRST NOS. OF STRUCTURE CODE DESIGNATIONS AND MATCH LINE SHEET REFERENCES, ETC., THROUGHOUT THE PLANS, REFER TO THE ENTRY IN THE PLAN REFERENCE NUMBER BOX.

FILE NAME	c:\pw_working\wastate\p0024020\dms08792\Stage_3_Y-11834_PS_IN_01.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	9:11:58 AM					10	WASH	
DATE	5/5/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN							
ENTERED BY	K. MCWILLIAMS					CONTRACT NO.		LOCATION NO.
CHECKED BY	Z. BROWN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

P.E. STAMP BOX
DATE

PARSONS

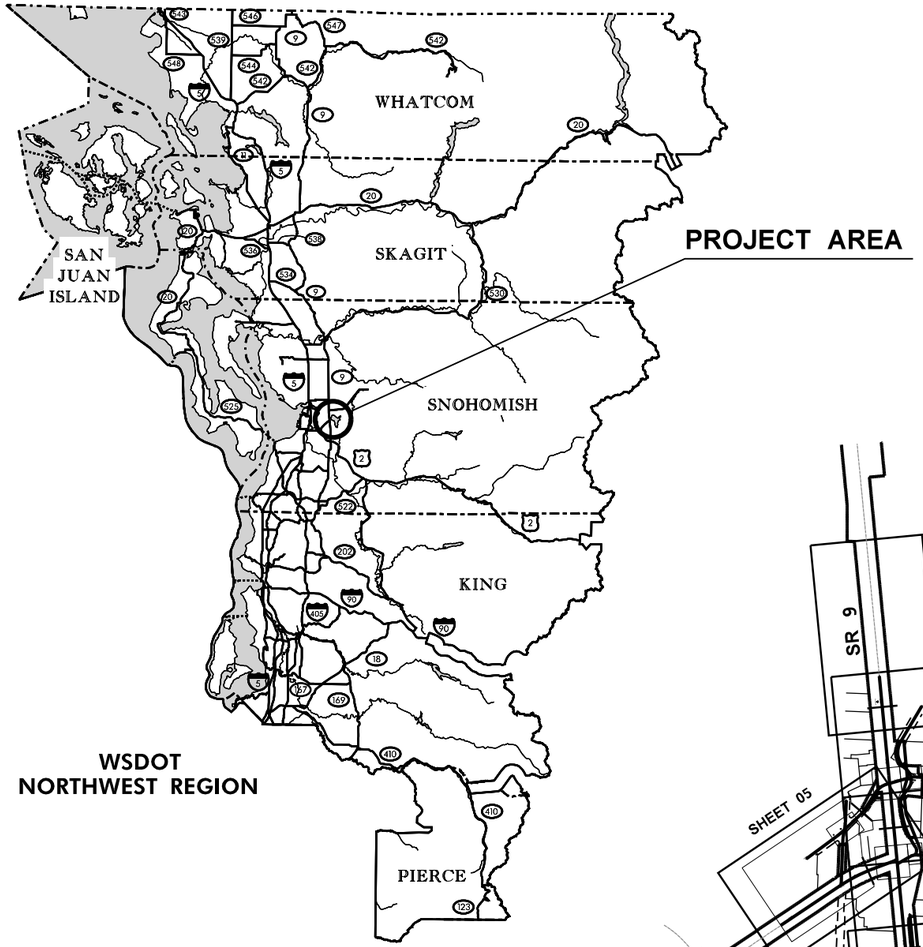
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

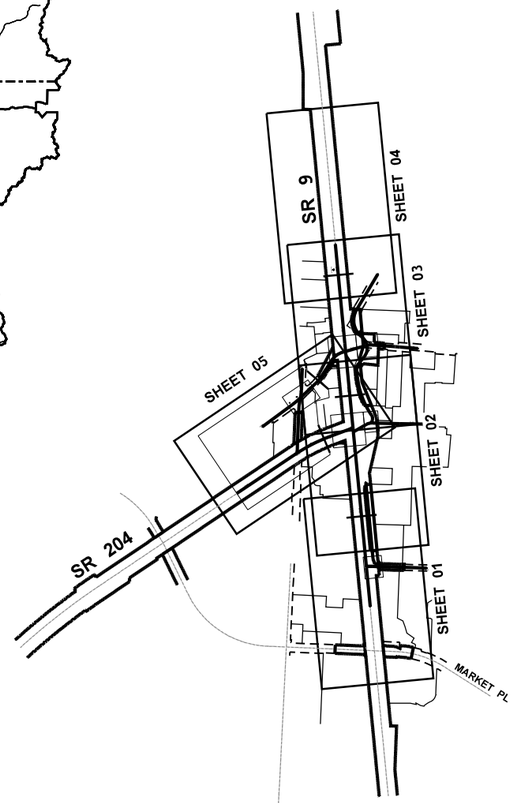
INDEX SHEET

PLAN REF NO
IN01

SHEET OF SHEETS



WSDOT
NORTHWEST REGION

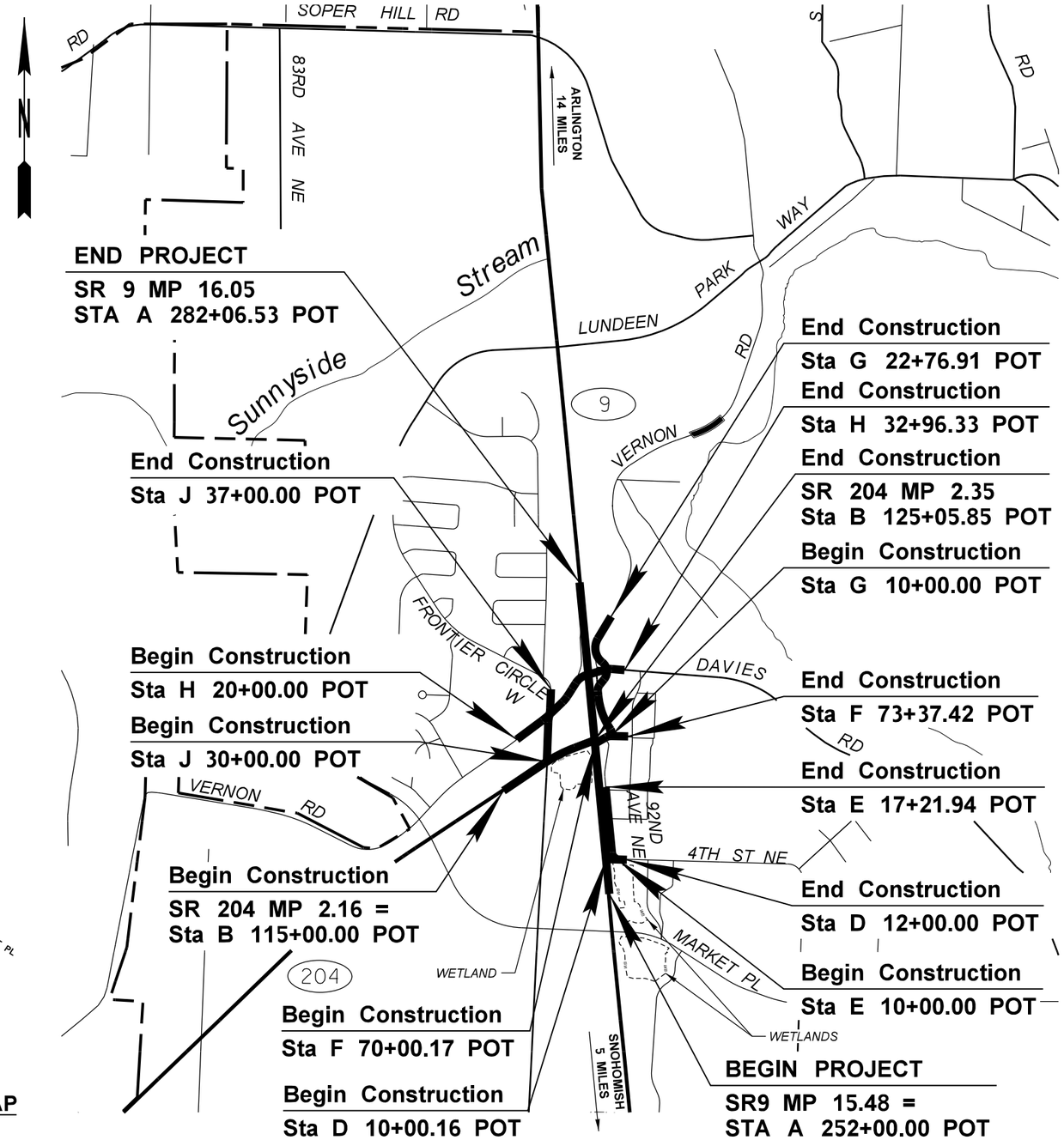


SHEET KEY MAP

NTS

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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



END PROJECT
SR 9 MP 16.05
STA A 282+06.53 POT

End Construction
Sta J 37+00.00 POT

Begin Construction
Sta H 20+00.00 POT

Begin Construction
Sta J 30+00.00 POT

Begin Construction
SR 204 MP 2.16 =
Sta B 115+00.00 POT

Begin Construction
Sta F 70+00.17 POT

Begin Construction
Sta D 10+00.16 POT

End Construction
Sta G 22+76.91 POT

End Construction
Sta H 32+96.33 POT

End Construction
SR 204 MP 2.35
Sta B 125+05.85 POT

Begin Construction
Sta G 10+00.00 POT

End Construction
Sta F 73+37.42 POT

End Construction
Sta E 17+21.94 POT

End Construction
Sta D 12+00.00 POT

Begin Construction
Sta E 10+00.00 POT

BEGIN PROJECT
SR9 MP 15.48 =
STA A 252+00.00 POT

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08792\Stage_3_Y-11834_PS_VM_01.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	3:40:22 PM					10	WASH	
DATE	5/3/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	S. BATES					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	Z. BROWN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 17629 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 3)

VICINITY MAP

PLAN REF NO
VM01

SHEET
OF
SHEETS

SUMMARY OF QUANTITIES

DOT_RGG900

5/26/2021

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 STA 252+00 TO STA A 282+06.53	GROUP 2 LAKE STEVENS R.O.W	GROUP 3 GATEWAY SIGN GCB 3394	GROUP 4 THIRD PARTY DAMAGES
						PREPARATION				
1	LUMP SUM	LUMP SUM	LUMP SUM	0001	L.S.	MOBILIZATION	L.S.	L.S.	L.S.	
2	4.30	0.40	3.90	0025	ACRE	CLEARING AND GRUBBING	3.90	0.40		
3	33.00		33.00	0049	EACH	REMOVING DRAINAGE STRUCTURE	33.00			
4	136.00	119.00	17.00	0100	S.Y.	REMOVING CEMENT CONC. SIDEWALK	17.00	119.00		
5	295.00	256.00	39.00	0108	L.F.	REMOVING CEMENT CONC. CURB AND GUTTER	39.00	256.00		
6	75.00		75.00	0150	S.Y.	REMOVING TRAFFIC ISLAND	75.00			
7	121.00		121.00	0160	L.F.	REMOVING TRAFFIC CURB	121.00			
8	662.00		662.00	0170	L.F.	REMOVING GUARDRAIL	662.00			
9	2.00		2.00	0182	EACH	REMOVING GUARDRAIL ANCHOR	2.00			
10	84.00	21.00	63.00	0185	EACH	REMOVING GUIDE POST	63.00	21.00		
11	22487.00	4693.00	17794.00	0187	L.F.	REMOVING PAINT LINE	17,794.00	4,693.00		
12	13470.00	2320.00	11150.00	0190	L.F.	REMOVING PLASTIC LINE	11,150.00	2,320.00		
13	58.00	6.00	52.00	0199	EACH	REMOVING PAINTED TRAFFIC MARKING	52.00	6.00		
14	41.00	13.00	28.00	0200	EACH	REMOVING PLASTIC TRAFFIC MARKING	28.00	13.00		
15	729.00		729.00	0204	S.F.	REMOVING PLASTIC CROSSWALK LINE	729.00			
16	30.00		30.00	0208	HUND	REMOVING RAISED PAVEMENT MARKER	30.00			
17	1.00		1.00		DOL	UNANTICIPATED CONTAMINATED MATERIAL	1.00			
18	20000.00		20000.00		DOL	FORCE ACCOUNT SELECTIVE PRUNING	20,000.00			
19	1445.00		1445.00		L.F.	REMOVING STORM SEWER PIPE	1,445.00			
						GRADING				
20	13486.00	1128.00	12358.00	0310	C.Y.	ROADWAY EXCAVATION INCL. HAUL	12,358.00	1,128.00		
21	140.00		140.00	0330	C.Y.	ROADWAY EXCAVATION INCL. HAUL - AREA SWALE	140.00			
22	6279.00	1023.00	5256.00	0409	C.Y.	SELECT BORROW INCL. HAUL	5,256.00	1,023.00		
23	6279.00	1023.00	5256.00	0470	C.Y.	EMBANKMENT COMPACTION	5,256.00	1,023.00		
						DRAINAGE				
24	21.00		21.00	1054	EACH	GRATE INLET TYPE 2	21.00			
25	337.00	216.00	121.00	0900	TON	STREAMBED COBBLES 4 IN.	121.00	216.00		
26	78.00		78.00	1086	TON	QUARRY SPALLS	78.00			
27	35.00		35.00	1170	L.F.	DRAIN PIPE 6 IN. DIAM.	35.00			
28	30.00		30.00	1171	L.F.	DRAIN PIPE 8 IN. DIAM.	30.00			
						STORM SEWER				
29	3.00		3.00	3090	EACH	CATCH BASIN TYPE 2 48 INCH DIAM. W/ CAGE	3.00			
30	1.00		1.00	3090	EACH	CATCH BASIN TYPE 2 54 INCH DIAM. W/ FR	1.00			
31	1.00		1.00	3090	EACH	CATCH BASIN TYPE 2 54 INCH DIAM. W/ FR & CAGE	1.00			
32	1.00		1.00	3090	EACH	CATCH BASIN TYPE 2 96 INCH DIAM. W/ FLOW SPLITTER	1.00			
33	40.00	2.00	38.00	3091	EACH	CATCH BASIN TYPE 1	38.00	2.00		
34	32.00	2.00	30.00	3105	EACH	CATCH BASIN TYPE 2 48 IN. DIAM.	30.00	2.00		
35	11.00		11.00	3106	EACH	CATCH BASIN TYPE 2 54 IN. DIAM.	11.00			
36	4.00		4.00	3109	EACH	CATCH BASIN TYPE 2 60 IN. DIAM.	4.00			
37	4.00		4.00	3107	EACH	CATCH BASIN TYPE 2 72 IN. DIAM.	4.00			
38	7518.00	151.00	7367.00	3151	L.F.	TESTING STORM SEWER PIPE	7,367.00	151.00		
39	308.00		308.00	3430	L.F.	CL. III REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.	308.00			
40	4.00		4.00	3434	L.F.	CL. III REINF. CONC. STORM SEWER PIPE 24 IN. DIAM.	4.00			
41	526.00		526.00	3436	L.F.	CL. III REINF. CONC. STORM SEWER PIPE 30 IN. DIAM.	526.00			

GROUP LEGEND

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	009	313211	**	STATE-CWA
2	009	3100CT	*	STATE-CWA
3	009	313211	**	CITY OF LAKE STEV
4	009	313211	**	STATE

DATE	REVISION	BY

REGION	STATE
10	WA

JOB NUMBER 21A008/1

CONTRACT NO 000000

FEDERAL AID PROJECT. NO.

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

SUMMARY OF QUANTITIES

SQ1

SHEET OF 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 STA 252+00 TO STA A 282+06.53	GROUP 2 LAKE STEVENS R.O.W	GROUP 3 GATEWAY SIGN GCB 3394	GROUP 4 THIRD PARTY DAMAGES
42	135.00		135.00	3439	L.F.	CL. III REINF. CONC. STORM SEWER PIPE 42 IN. DIAM.	135.00			
43	356.00		356.00	3455	L.F.	CL. IV REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.	356.00			
44	334.00		334.00	3457	L.F.	CL. IV REINF. CONC. STORM SEWER PIPE 18 IN. DIAM.	334.00			
45	165.00		165.00	3461	L.F.	CL. IV REINF. CONC. STORM SEWER PIPE 30 IN. DIAM.	165.00			
46	1066.00		1066.00	3480	L.F.	CL. V REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.	1,066.00			
47	35.00		35.00	3482	L.F.	CL. V REINF. CONC. STORM SEWER PIPE 18 IN. DIAM.	35.00			
48	2945.00	111.00	2834.00	3541	L.F.	SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	2,834.00	111.00		
49	656.00	40.00	616.00	3542	L.F.	SCHEDULE A STORM SEWER PIPE 18 IN. DIAM.	616.00	40.00		
50	780.00		780.00	3543	L.F.	SCHEDULE A STORM SEWER PIPE 24 IN. DIAM.	780.00			
51	75.00		75.00	3544	L.F.	SCHEDULE A STORM SEWER PIPE 30 IN. DIAM.	75.00			
52	133.00		133.00	3546	L.F.	SCHEDULE A STORM SEWER PIPE 42 IN. DIAM.	133.00			
						STRUCTURE				
53	LUMP SUM		LUMP SUM	4013	L.S.	SHORING OR EXTRA EXCAVATION CL. A	L.S.			
54	213.80		213.80	4139	C.Y.	CONC. CLASS 4000 FOR RETAINING WALL	213.80			
55	409.00	18.00	391.00	4121	L.F.	GEOSYNTHETIC WALL SINGLE SLOPE TRAFFIC BARRIER	391.00	18.00		
56	1879.00	23.00	1856.00	4480	S.F.	CONCRETE FASCIA PANEL FOR GEOSYNTHETIC WALL	1,856.00	23.00		
						SURFACING				
57	1427.00		1427.00	5015	C.Y.	BALLAST	1,427.00			
58	7605.00	810.00	6795.00	5100	TON	CRUSHED SURFACING BASE COURSE	6,795.00	810.00		
						CEMENT CONCRETE PAVEMENT				
59	118.90		118.90	5625	C.Y.	CEMENT CONC. PAVEMENT	118.90			
60	3598.20	367.40	3230.80		S.Y.	TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT	3,230.80	367.40		
						HOT MIX ASPHALT				
61	19396.00	4696.00	14700.00	5711	S.Y.	PLANING BITUMINOUS PAVEMENT	14,700.00	4,696.00		
62	12795.00	1665.00	11130.00	5767	TON	HMA CL. 1/2 IN. PG 58H-22	11,130.00	1,665.00		
63	57667.50		57667.50	5830	DOL	JOB MIX COMPLIANCE PRICE ADJUSTMENT	57,667.50			
64	57667.50		57667.50	5835	DOL	COMPACTION PRICE ADJUSTMENT	57,667.50			
65	25081.00		25081.00	5837	DOL	ASPHALT COST PRICE ADJUSTMENT	25,081.00			
66	-1.00		-1.00	6516	DOL	CYCLIC DENSITY PRICE ADJUSTMENT	-1.00			
						EROSION CONTROL AND ROADSIDE PLANTING				
67	1.00		1.00	6403	DAY	ESC LEAD	1.00			
68	LUMP SUM		LUMP SUM	6488	L.S.	EROSION CONTROL AND WATER POLLUTION PREVENTION	L.S.			
69	1.46		1.46	6407	ACRE	TOPSOIL TYPE A	1.46			
70	209.00		209.00	6552	EACH	PSIPE WESTERN RED CEDAR, EXELSA 36 INCH HT, #2 CONT.	209.00			
71	170.00		170.00	6552	EACH	PSIPE PERSIAN IRONWOOD, 18" HT, #2 CONT.	170.00			
72	42.00		42.00	6552	EACH	PSIPE SERVICEBERRY TREE, 18 INCH HT, #2 CONT.	42.00			
73	64.00		64.00	6552	EACH	PSIPE SITKA SPRUCE, 18 INCH HT, #2 CONT.	64.00			
74	83.00		83.00	6552	EACH	PSIPE STRAWBERRY TREE, 18 INCH HT, #2 CONT.	83.00			
75	256.00		256.00	6552	EACH	PSIPE VINE MAPLE, 18 INCH HT, #2 CONT.	256.00			
76	1650.00		1650.00	6552	EACH	PSIPE BALLERINA INDIAN HAWTHORN, 12 INCH HT, #1 CONT.	1,650.00			
77	1730.00		1730.00	6552	EACH	PSIPE KELSEY DOGWOOD, 12 INCH HT, #1 CONT.	1,730.00			
78	1174.00		1174.00	6552	EACH	PSIPE GOLDEN BARBERRY, 12 INCH HT, #1 CONT.	1,174.00			
79	713.00		713.00	6552	EACH	PSIPE NOOTKA ROSE, 12 INCH HT, #1 CONT	713.00			
80	2831.00		2831.00	6552	EACH	PSIPE MT VERNON LAUREL, 12 INCH HT, #1 CONT.	2,831.00			

GROUP LEGEND

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	009	313211	**	STATE-CWA
2	009	3100CT	*	STATE-CWA
3	009	313211	**	CITY OF LAKE STEV
4	009	313211	**	STATE

DATE	REVISION	BY

REGION	STATE	FEDERAL AID PROJECT. NO.
10	WA	

JOB NUMBER 21A008/1

CONTRACT NO 000000

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

SUMMARY OF QUANTITIES

SQ2

SHEET

OF

SHEETS

SUMMARY OF QUANTITIES

DOT_RGG900

5/26/2021

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 STA 252+00 TO STA A 282+06.53	GROUP 2 LAKE STEVENS R.O.W	GROUP 3 GATEWAY SIGN GCB 3394	GROUP 4 THIRD PARTY DAMAGES
81	526.00		526.00	6552	EACH	PSIPE RED-FLOWERING CURRENT, 12 INCH HT, #1 CONT.	526.00			
82	130.00		130.00	6552	EACH	PSIPE RED-OSIER DOGWOOD, 12 INCH HT, #1 CONT.	130.00			
83	45.00		45.00	6552	EACH	PSIPE SITKA WILLOW, 12 INCH HT, #1 CONT.	45.00			
84	690.00		690.00	6552	EACH	PSIPE SNOWBERRY, 12 INCH HT, #1 CONT.	690.00			
85	670.00		670.00	6552	EACH	PSIPE TALL OREGON GRAPE, 12 INCH HT, #1 CONT.	670.00			
86	140.00		140.00	6552	EACH	PSIPE THIMBLEBERRY, 12 INCH HT, #1 CONT.	140.00			
87	0.10		0.10	6481	ACRE	MEDIUM COMPOST	0.10			
88	2.00		2.00	6529	ACRE	SOIL AMENDMENT	2.00			
89	3.30		3.30	6579	ACRE	BARK OR WOOD CHIP MULCH	3.30			
90	8200.00		8200.00	6630	L.F.	HIGH VISIBILITY FENCE	8,200.00			
91	1.50		1.50		ACRE	SOIL DECOMPACTION	1.50			
92	15000.00		15000.00		DOL	WEED AND PEST CONTROL	15,000.00			
93	1.30		1.30		ACRE	COMPOST SEEDING	1.30			
94	LUMP SUM		LUMP SUM		L.S.	TEMPORARY IRRIGATION SYSTEM	L.S.			
						TRAFFIC				
95	12.00	4.00	8.00	6698	EACH	ROUNDABOUT SPLITTER ISLAND NOSING CURB	8.00	4.00		
96	6335.00	424.00	5911.00	6699	L.F.	ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER	5,911.00	424.00		
97	3202.00	1366.00	1836.00	6700	L.F.	CEMENT CONC. TRAFFIC CURB AND GUTTER	1,836.00	1,366.00		
98	575.00	60.00	515.00	6701	L.F.	CEMENT CONC. TRAFFIC CURB	515.00	60.00		
99	733.00	709.00	24.00	6702	L.F.	MOUNTABLE CEMENT CONC. TRAFFIC CURB	24.00	709.00		
100	849.00		849.00	6708	L.F.	ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB	849.00			
101	1107.00	413.00	694.00	6709	L.F.	ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER	694.00	413.00		
102	347.00	177.00	170.00	6707	L.F.	CEMENT CONC. PEDESTRIAN CURB	170.00	177.00		
103	180.00		180.00	6757	L.F.	BEAM GUARDRAIL TYPE 31	180.00			
104	2.00		2.00	6760	EACH	BEAM GUARDRAIL TRANSITION SECTION TYPE A CONNECTION	2.00			
105	2.00		2.00	6719	EACH	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL	2.00			
106	56.00		56.00	6832	EACH	FLEXIBLE GUIDE POST	56.00			
107	31.00	1.00	30.00	6830	EACH	BARRIER DELINEATOR	30.00	1.00		
108	22500.00	4700.00	17800.00	6807	L.F.	PLASTIC LINE	17,800.00	4,700.00		
109	6970.00	540.00	6430.00	6828	L.F.	PLASTIC WIDE LANE LINE	6,430.00	540.00		
110	1500.00	440.00	1060.00	6857	S.F.	PLASTIC CROSSWALK LINE	1,060.00	440.00		
111	51.00	12.00	39.00	6859	L.F.	PLASTIC STOP LINE	39.00	12.00		
112	58.00	6.00	52.00	6833	EACH	PLASTIC TRAFFIC ARROW	52.00	6.00		
113	14.00		14.00	6871	EACH	PLASTIC TRAFFIC LETTER	14.00			
114	131.00	4.00	127.00	6881	EACH	PLASTIC DRAINAGE MARKING	127.00	4.00		
115	0.30	0.20	0.10	6884	HUND	RAISED PAVEMENT MARKER TYPE 2	0.10	0.20		
116	LUMP SUM		LUMP SUM	6890	L.S.	PERMANENT SIGNING	L.S.			
117	LUMP SUM		LUMP SUM	6903	L.S.	TEMPORARY ILLUMINATION SYSTEM	L.S.			
118	LUMP SUM		LUMP SUM	6904	L.S.	ILLUMINATION SYSTEM SAC 3768	L.S.			
119	LUMP SUM		LUMP SUM	6912	L.S.	TRAFFIC SIGNAL SYSTEM SAC 3768	L.S.			
120	LUMP SUM		LUMP SUM	6914	L.S.	ITS	L.S.			
121	LUMP SUM		LUMP SUM	6971	L.S.	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.			
122	LUMP SUM		LUMP SUM	6869	L.S.	PEDESTRIAN TRAFFIC CONTROL	L.S.			
123	LUMP SUM		LUMP SUM		L.S.	TEMPORARY VIDEO DETECTION SYSTEM	L.S.			
124	LUMP SUM		LUMP SUM		L.S.	RRFB SYSTEM	L.S.			
125	LUMP SUM		LUMP SUM		L.S.	TRAFFIC DATA ACCUMULATION AND RAMP METERING SYSTEM	L.S.			
126	LUMP SUM		LUMP SUM		L.S.	CLOSED CIRCUIT TELEVISION SYSTEM	L.S.			
127	LUMP SUM		LUMP SUM		L.S.	COMMUNICATION CONDUIT SYSTEM	L.S.			

GROUP LEGEND

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	009	313211	**	STATE-CWA
2	009	3100CT	*	STATE-CWA
3	009	313211	**	CITY OF LAKE STEV
4	009	313211	**	STATE

DATE	REVISION	BY

REGION	STATE	FEDERAL AID PROJECT. NO.
10	WA	

JOB NUMBER 21A008/1

CONTRACT NO 000000

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

SUMMARY OF QUANTITIES

SQ3

SHEET OF SHEETS

SUMMARY OF QUANTITIES

DOT_RGG900

5/26/2021

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 STA 252+00 TO STA A 282+06.53	GROUP 2 LAKE STEVENS R.O.W	GROUP 3 GATEWAY SIGN GCB 3394	GROUP 4 THIRD PARTY DAMAGES
						OTHER ITEMS				
128	5000.00		5000.00	9004	DOL	PROJECT PARTNERING	5,000.00			
129	LUMP SUM		LUMP SUM	6997	L.S.	MIN BID REQ - TYPE B PROGRESS SCHEDULE $25,000	L.S.			
130	7140.00	140.00	7000.00	7006	C.Y.	STRUCTURE EXCAVATION CLASS B INCL. HAUL	7,000.00	140.00		
131	42940.00	860.00	42080.00	7008	S.F.	SHORING OR EXTRA EXCAVATION CLASS B	42,080.00	860.00		
132	LUMP SUM		LUMP SUM	7037	L.S.	STRUCTURE SURVEYING	L.S.			
133	LUMP SUM		LUMP SUM	7038	L.S.	ROADWAY SURVEYING	L.S.			
134	LUMP SUM		LUMP SUM	7042	L.S.	ADA FEATURES SURVEYING	L.S.			
135	3383.00	725.00	2658.00	7055	S.Y.	CEMENT CONC. SIDEWALK	2,658.00	725.00		
136	304.00	304.00		7059	S.Y.	CEMENT CONC. DRIVEWAY ENTRANCE TYPE TYPE 1		304.00		
137	156.00	149.00	7.00	7059	S.Y.	CEMENT CONC. DRIVEWAY ENTRANCE TYPE TYPE 2	7.00	149.00		
138	71.00	71.00		7059	S.Y.	CEMENT CONC. DRIVEWAY ENTRANCE TYPE TYPE 3		71.00		
139	8.00	4.00	4.00	7058	EACH	CEMENT CONC. CURB RAMP TYPE TYPE PARALLEL A	4.00	4.00		
140	1.00		1.00	7058	EACH	CEMENT CONC. CURB RAMP TYPE TYPE PARALLEL B	1.00			
141	2.00		2.00	7058	EACH	CEMENT CONC. CURB RAMP TYPE COMBINATION	2.00			
142	6.00	1.00	5.00	7058	EACH	CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION A	5.00	1.00		
143	1.00		1.00	7058	EACH	CEMENT CONC. CURB RAMP TYPE SPECIAL	1.00			
144	548.00	94.00	454.00	7054	S.F.	DETECTABLE WARNING SURFACE	454.00	94.00		
145	440.00		440.00	7080	L.F.	CABLE FENCE	440.00			
146	800.00		800.00	7083	L.F.	CHAIN LINK FENCE TYPE 3	800.00			
147	2.00		2.00	7104	EACH	DOUBLE 20 FT. CHAIN LINK GATE	2.00			
148	92.00		92.00	7164	S.F.	GRAVITY BLOCK WALL	92.00			
149	5.00		5.00	9605	EACH	CONNECTION TO DRAINAGE STRUCTURE	5.00			
150	5.00	1.00	4.00	3100	EACH	ADJUST CATCH BASIN	4.00	1.00		
151	LUMP SUM		LUMP SUM	7350	L.S.	CLEANING EXISTING DRAINAGE STRUCTURE	L.S.			
152	40000.00		40000.00	7715	DOL	FORCE ACCOUNT UTILITY POTHOLING	40,000.00			
153	5.00		5.00	7725	DOL	REIMBURSEMENT FOR THIRD PARTY DAMAGE				5.00
154	50000.00		50000.00	7726	DOL	DISPUTES REVIEW BOARD	50,000.00			
155	-1.00		-1.00	7728	DOL	MINOR CHANGE	-1.00			
156	-1.00		-1.00	7732	DOL	AGGREGATE COMPLIANCE PRICE ADJUSTMENT	-1.00			
157	LUMP SUM		LUMP SUM	7734	L.S.	ELECTRONIC TICKETING SYSTEM	L.S.			
158	LUMP SUM		LUMP SUM	7736	L.S.	SPCC PLAN	L.S.			
159	740.00		740.00	7552	S.Y.	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION	740.00			
160	1856.00		1856.00	7559	S.F.	GEOSYNTHETIC RETAINING WALL	1,856.00			
161	2038.00		2038.00		L.F.	MEDIA FILTER DRAIN	2,038.00			
162	236.00		236.00		L.F.	BIOFILTRATION SWALE LEVEL SPREADER & DIVIDER	236.00			
163	LUMP SUM		LUMP SUM		L.S.	WALLED DETENTION POND	L.S.			
164	LUMP SUM		LUMP SUM		L.S.	GATEWAY SIGN - LAKE STEVENS			L.S.	
165	LUMP SUM		LUMP SUM		L.S.	TEMPORARY DRAINAGE	L.S.			

GROUP LEGEND

GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
1	009	313211	**	STATE-CWA
2	009	3100CT	*	STATE-CWA
3	009	313211	**	CITY OF LAKE STEV
4	009	313211	**	STATE

DATE	REVISION	BY

REGION	STATE	FEDERAL AID PROJECT. NO.
10	WA	

JOB NUMBER 21A008/1

CONTRACT NO 000000

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

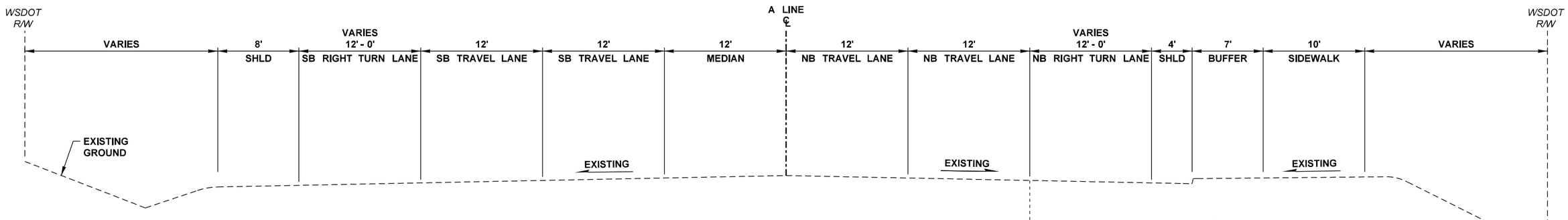
SUMMARY OF QUANTITIES

SQ4

SHEET OF SHEETS

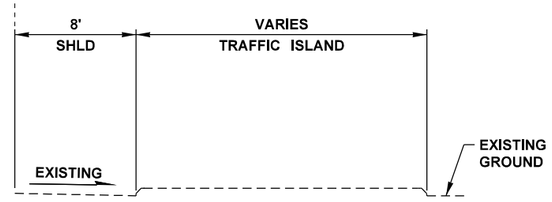
GENERAL NOTES:

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.
8. SEE WALL PLANS FOR RETAINING WALL DESIGN.
9. SOIL PREPARATION FOR SEEDING AND PLANTING AREAS SHALL OCCUR IMMEDIATELY AFTER FINAL GRADING IS COMPLETE. SEE SOIL PREPARATION PLANS FOR DETAILS.
10. GRADES, SPLITTER ISLANDS, SHOULDER WIDTHS ARE SHOWN ON ROADWAY SECTIONS SHEETS AS TYPICAL TO SHOW MATERIAL AND CONSTRUCTION. SEE PAVING SHEETS FOR LOCATIONS, WIDTHS, AND GRADES.



ROADWAY SECTION A

SR 9 A 252+00.00 TO A 255+06.87



SR 9 A 254+89.84 TO A 255+19.45

LEGEND

1	HMA CL 1/2 IN., PG 58H-22	10	ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (OUTSIDE, RIGHT SIDE OR SPLITTER ISLAND)
2	CRUSHED SURFACING BASE COURSE	11	ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB
3	SELECT BORROW INCL. HAUL	12	CEMENT CONC. TRAFFIC CURB
4	PRECAST DUAL FACED SLOPED MOUNTABLE CURB (PAINTED YELLOW)	13	SCUPPERED ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (MODIFIED)
5	CEMENT CONC. SIDEWALK	14	ROADWAY EXCAVATION INCL. HAUL
6	PLANING BITUMINOUS PAVEMENT	15	CEMENT CONC. PAVEMENT
7	TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT PER SPECIFICATIONS	16	HMA FOR PRELEVELING CL. 1/2 IN. PG
8	CEMENT CONC. TRAFFIC CURB AND GUTTER	17	BALLAST
9	ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER		

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage_3_Y-11834_PS_RS_01.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	4:15:08 PM					10	WASH	
DATE	4/30/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	Z. BROWN							
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	R. HOWARD					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 17624 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

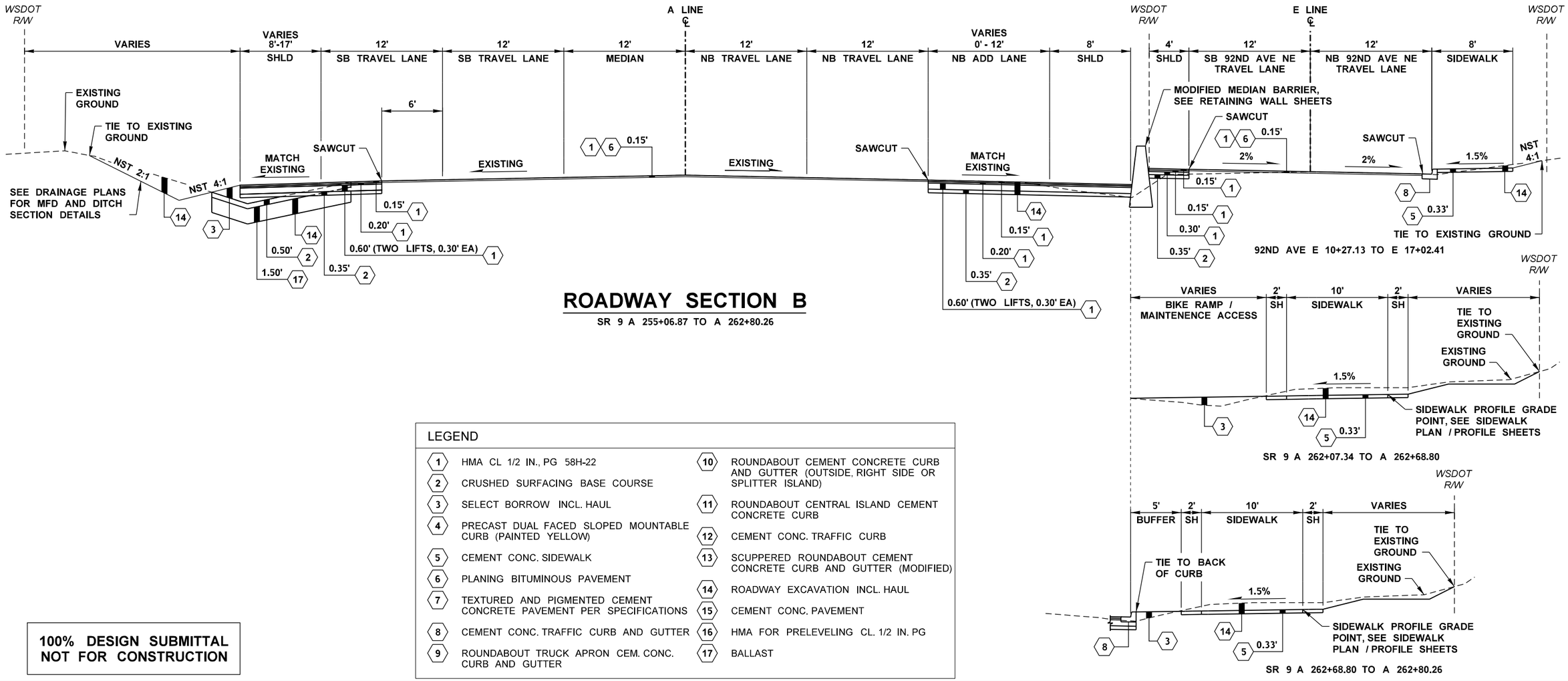
ROADWAY SECTIONS

PLAN REF NO
RS01

SHEET
OF
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.
8. SEE WALL PLANS FOR RETAINING WALL DESIGN.
9. SOIL PREPARATION FOR SEEDING AND PLANTING AREAS SHALL OCCUR IMMEDIATELY AFTER FINAL GRADING IS COMPLETE. SEE SOIL PREPARATION PLANS FOR DETAILS.
10. GRADES, SPLITTER ISLANDS, SHOULDER WIDTHS ARE SHOWN ON ROADWAY SECTIONS SHEETS AS TYPICAL TO SHOW MATERIAL AND CONSTRUCTION. SEE PAVING SHEETS FOR LOCATIONS, WIDTHS, AND GRADES.



ROADWAY SECTION B

SR 9 A 255+06.87 TO A 262+80.26

LEGEND

1	HMA CL 1/2 IN., PG 58H-22	10	ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (OUTSIDE, RIGHT SIDE OR SPLITTER ISLAND)
2	CRUSHED SURFACING BASE COURSE	11	ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB
3	SELECT BORROW INCL. HAUL	12	CEMENT CONC. TRAFFIC CURB
4	PRECAST DUAL FACED SLOPED MOUNTABLE CURB (PAINTED YELLOW)	13	SCUPPERED ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (MODIFIED)
5	CEMENT CONC. SIDEWALK	14	ROADWAY EXCAVATION INCL. HAUL
6	PLANING BITUMINOUS PAVEMENT	15	CEMENT CONC. PAVEMENT
7	TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT PER SPECIFICATIONS	16	HMA FOR PRELEVELING CL. 1/2 IN. PG
8	CEMENT CONC. TRAFFIC CURB AND GUTTER	17	BALLAST
9	ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER		

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage 3_Y-11834_PS_RS_02.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	4:15:26 PM					10	WASH	
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PLOTTED BY	p0024020							
DESIGNED BY	Z. BROWN							
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	R. HOWARD					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21703 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

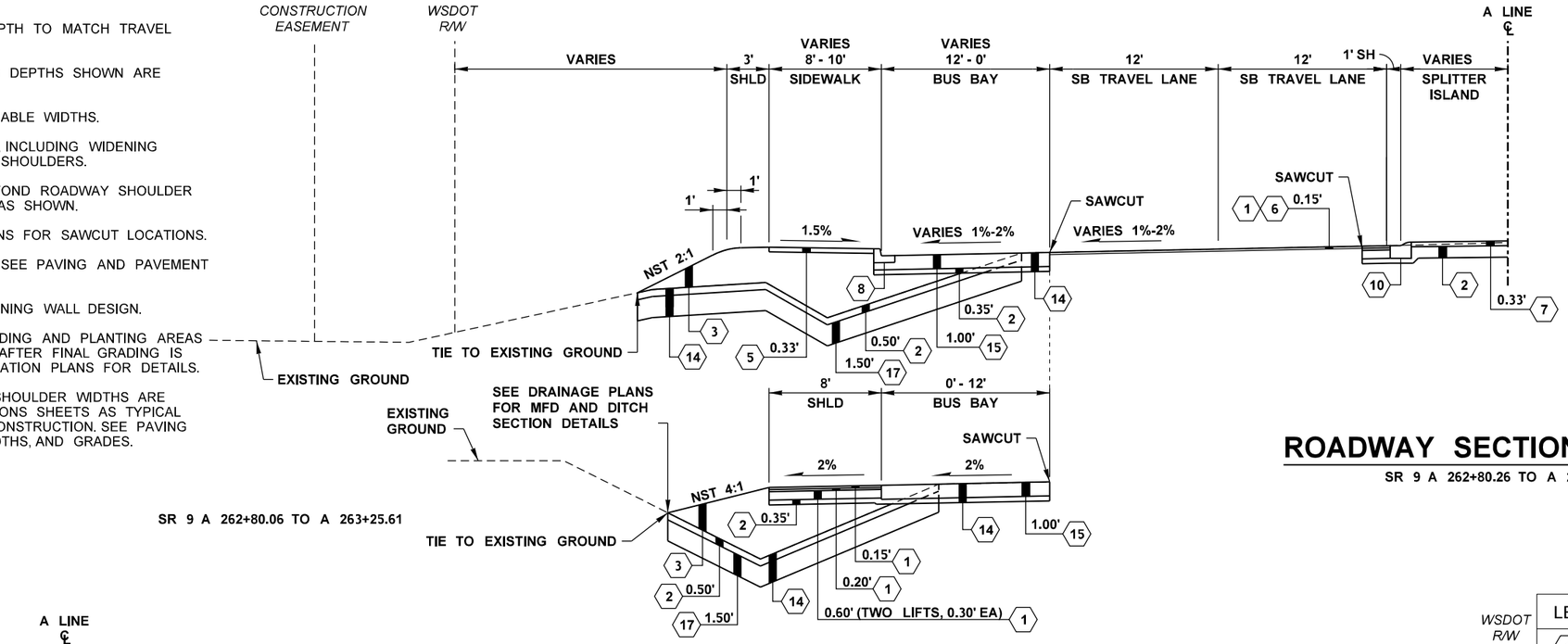
ROADWAY SECTIONS

PLAN REF NO RS02

SHEET OF SHEETS

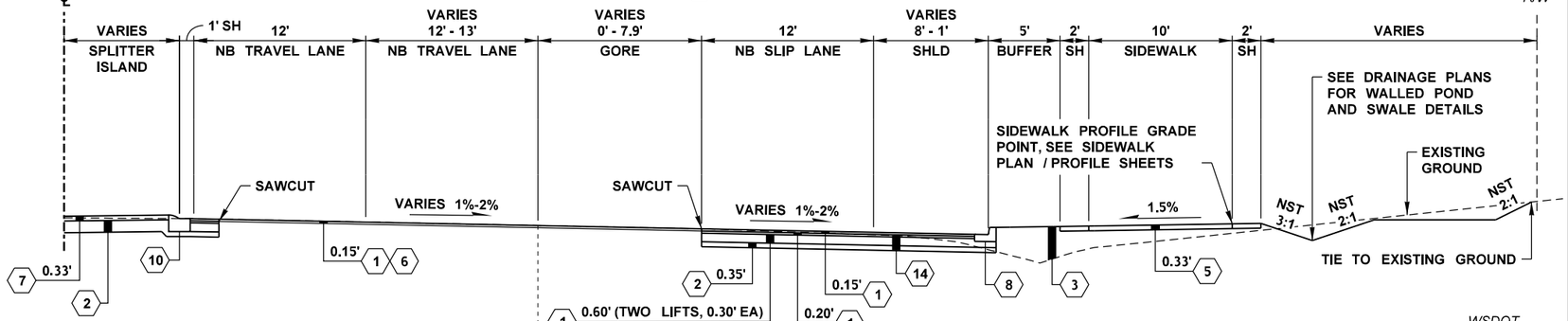
GENERAL NOTES:

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.
8. SEE WALL PLANS FOR RETAINING WALL DESIGN.
9. SOIL PREPARATION FOR SEEDING AND PLANTING AREAS SHALL OCCUR IMMEDIATELY AFTER FINAL GRADING IS COMPLETE. SEE SOIL PREPARATION PLANS FOR DETAILS.
10. GRADES, SPLITTER ISLANDS, SHOULDER WIDTHS ARE SHOWN ON ROADWAY SECTIONS SHEETS AS TYPICAL TO SHOW MATERIAL AND CONSTRUCTION. SEE PAVING SHEETS FOR LOCATIONS, WIDTHS, AND GRADES.



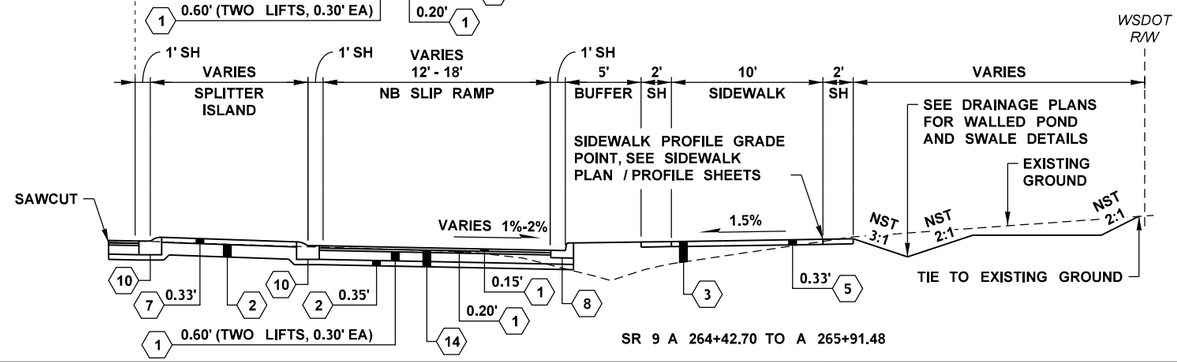
ROADWAY SECTION C (LEFT)

SR 9 A 262+80.26 TO A 265+91.48



ROADWAY SECTION C (RIGHT)

SR 9 A 262+80.26 TO A 265+91.48



SR 9 A 264+42.70 TO A 265+91.48

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

LEGEND

1	HMA CL 1/2 IN., PG 58H-22
2	CRUSHED SURFACING BASE COURSE
3	SELECT BORROW INCL. HAUL
4	PRECAST DUAL FACED SLOPED MOUNTABLE CURB (PAINTED YELLOW)
5	CEMENT CONC. SIDEWALK
6	PLANING BITUMINOUS PAVEMENT
7	TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT PER SPECIFICATIONS
8	CEMENT CONC. TRAFFIC CURB AND GUTTER
9	ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER
10	ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (OUTSIDE, RIGHT SIDE OR SPLITTER ISLAND)
11	ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB
12	CEMENT CONC. TRAFFIC CURB
13	SCUPPERED ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (MODIFIED)
14	ROADWAY EXCAVATION INCL. HAUL
15	CEMENT CONC. PAVEMENT
16	HMA FOR PRELEVELING CL. 1/2 IN. PG
17	BALLAST

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TIME	4:15:43 PM					10	WASH	
DATE	4/30/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	Z. BROWN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	R. HOWARD							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 22703 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

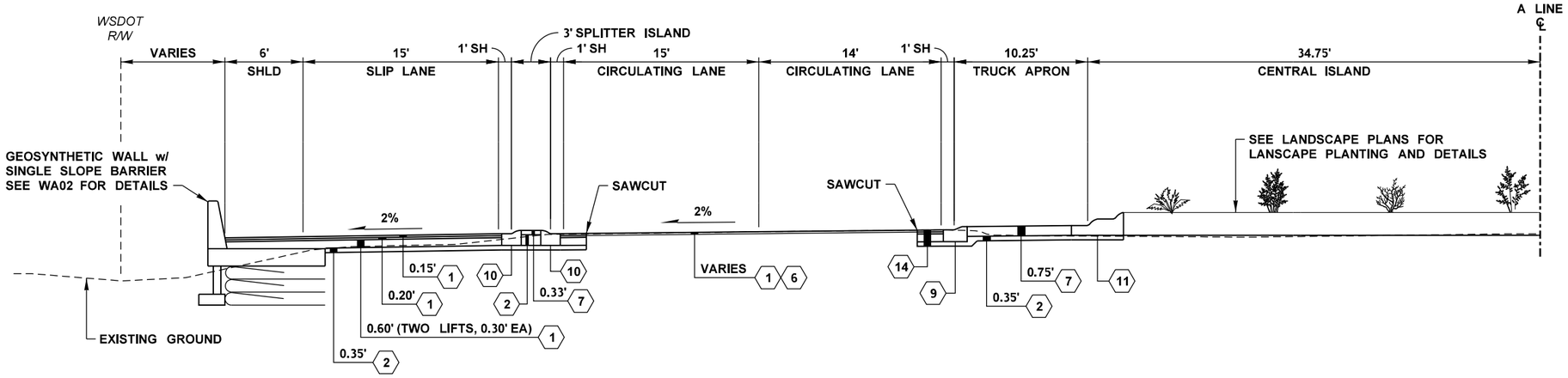
ROADWAY SECTIONS

PLAN REF NO RS03

SHEET OF SHEETS

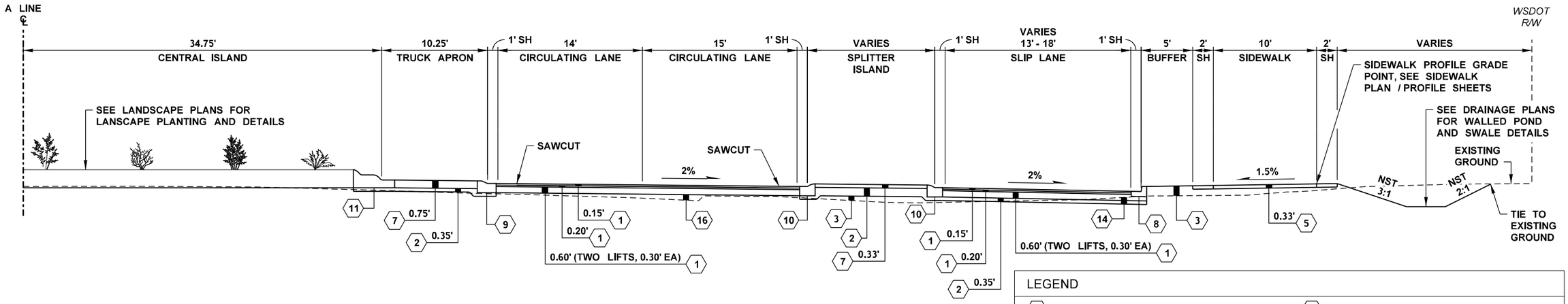
GENERAL NOTES:

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.
8. SEE WALL PLANS FOR RETAINING WALL DESIGN.
9. SOIL PREPARATION FOR SEEDING AND PLANTING AREAS SHALL OCCUR IMMEDIATELY AFTER FINAL GRADING IS COMPLETE. SEE SOIL PREPARATION PLANS FOR DETAILS.
10. GRADES, SPLITTER ISLANDS, SHOULDER WIDTHS ARE SHOWN ON ROADWAY SECTIONS SHEETS AS TYPICAL TO SHOW MATERIAL AND CONSTRUCTION. SEE PAVING SHEETS FOR LOCATIONS, WIDTHS, AND GRADES.



ROUNDABOUT SECTION - SR9/SR204

NORTHWEST



ROUNDABOUT SECTION - SR9/SR204

SOUTHEAST

LEGEND

1	HMA CL 1/2 IN., PG 58H-22	10	ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (OUTSIDE, RIGHT SIDE OR SPLITTER ISLAND)
2	CRUSHED SURFACING BASE COURSE	11	ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB
3	SELECT BORROW INCL. HAUL	12	CEMENT CONC. TRAFFIC CURB
4	PRECAST DUAL FACED SLOPED MOUNTABLE CURB (PAINTED YELLOW)	13	SCUPPERED ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (MODIFIED)
5	CEMENT CONC. SIDEWALK	14	ROADWAY EXCAVATION INCL. HAUL
6	PLANING BITUMINOUS PAVEMENT	15	CEMENT CONC. PAVEMENT
7	TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT PER SPECIFICATIONS	16	HMA FOR PRELEVELING CL. 1/2 IN. PG
8	CEMENT CONC. TRAFFIC CURB AND GUTTER	17	BALLAST
9	ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER		

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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TIME	4:16:01 PM					10	WASH	
DATE	4/30/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	Z. BROWN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	R. HOWARD							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 47024 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

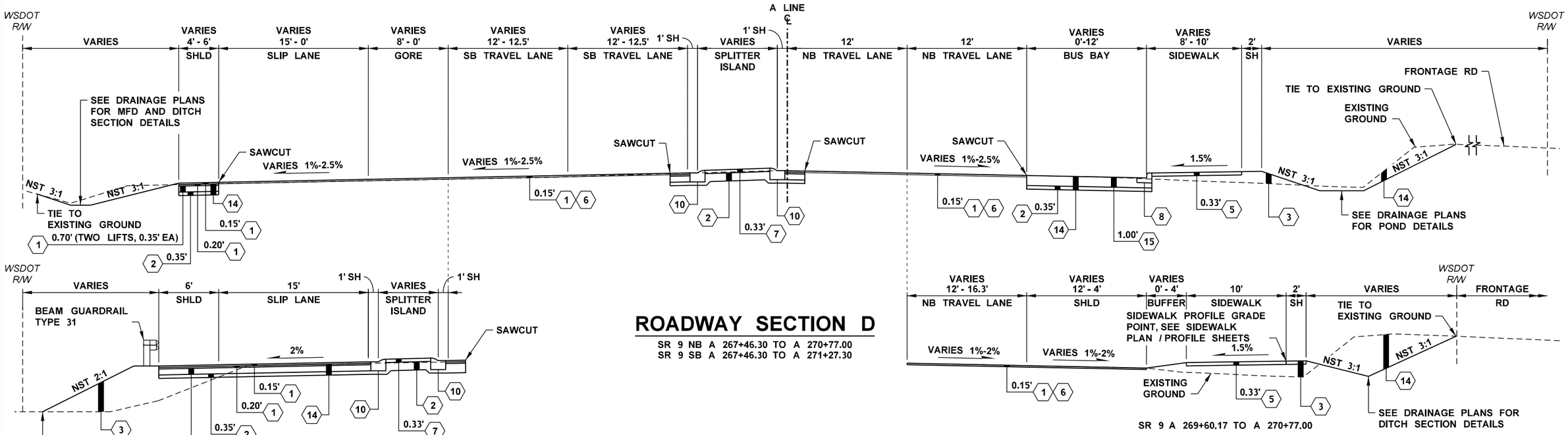
ROADWAY SECTIONS

PLAN REF NO RS04

SHEET OF 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.
8. SEE WALL PLANS FOR RETAINING WALL DESIGN.
9. SOIL PREPARATION FOR SEEDING AND PLANTING AREAS SHALL OCCUR IMMEDIATELY AFTER FINAL GRADING IS COMPLETE. SEE SOIL PREPARATION PLANS FOR DETAILS.
10. GRADES, SPLITTER ISLANDS, SHOULDER WIDTHS ARE SHOWN ON ROADWAY SECTIONS SHEETS AS TYPICAL TO SHOW MATERIAL AND CONSTRUCTION. SEE PAVING SHEETS FOR LOCATIONS, WIDTHS, AND GRADES.



ROADWAY SECTION D

SR 9 NB A 267+46.30 TO A 270+77.00
SR 9 SB A 267+46.30 TO A 271+27.30

SR 9 A 268+82.42 TO A 269+30.00

SR 9 A 269+60.17 TO A 270+77.00

LEGEND

1	HMA CL 1/2 IN., PG 58H-22	10	ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (OUTSIDE, RIGHT SIDE OR SPLITTER ISLAND)
2	CRUSHED SURFACING BASE COURSE	11	ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB
3	SELECT BORROW INCL. HAUL	12	CEMENT CONC. TRAFFIC CURB
4	PRECAST DUAL FACED SLOPED MOUNTABLE CURB (PAINTED YELLOW)	13	SCUPPERED ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (MODIFIED)
5	CEMENT CONC. SIDEWALK	14	ROADWAY EXCAVATION INCL. HAUL
6	PLANING BITUMINOUS PAVEMENT	15	CEMENT CONC. PAVEMENT
7	TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT PER SPECIFICATIONS	16	HMA FOR PRELEVELING CL. 1/2 IN. PG
8	CEMENT CONC. TRAFFIC CURB AND GUTTER	17	BALLAST
9	ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER		

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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PLOTTED BY	p0024020							
DESIGNED BY	Z. BROWN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	R. HOWARD							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21762 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

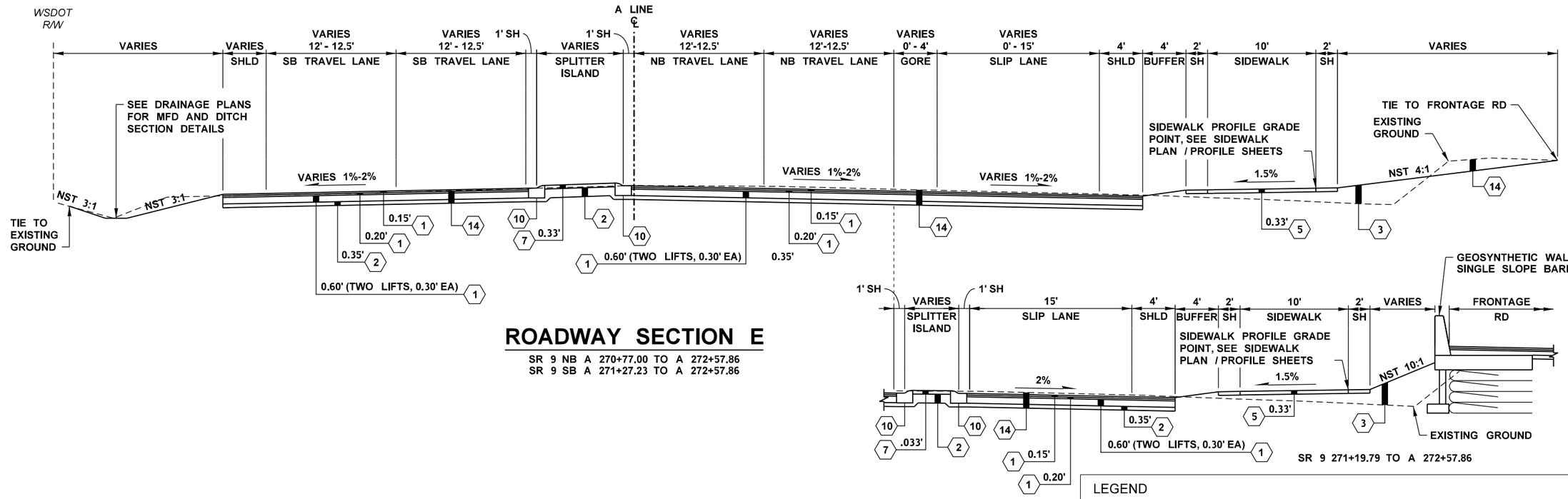
ROADWAY SECTIONS

PLAN REF NO **RS05**

SHEET OF 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.
8. SEE WALL PLANS FOR RETAINING WALL DESIGN.
9. SOIL PREPARATION FOR SEEDING AND PLANTING AREAS SHALL OCCUR IMMEDIATELY AFTER FINAL GRADING IS COMPLETE. SEE SOIL PREPARATION PLANS FOR DETAILS.
10. GRADES, SPLITTER ISLANDS, SHOULDER WIDTHS ARE SHOWN ON ROADWAY SECTIONS SHEETS AS TYPICAL TO SHOW MATERIAL AND CONSTRUCTION. SEE PAVING SHEETS FOR LOCATIONS, WIDTHS, AND GRADES.



ROADWAY SECTION E

SR 9 NB A 270+77.00 TO A 272+57.86
SR 9 SB A 271+27.23 TO A 272+57.86

SR 9 271+19.79 TO A 272+57.86

LEGEND

1	HMA CL 1/2 IN., PG 58H-22	10	ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (OUTSIDE, RIGHT SIDE OR SPLITTER ISLAND)
2	CRUSHED SURFACING BASE COURSE	11	ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB
3	SELECT BORROW INCL. HAUL	12	CEMENT CONC. TRAFFIC CURB
4	PRECAST DUAL FACED SLOPED MOUNTABLE CURB (PAINTED YELLOW)	13	SCUPPERED ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (MODIFIED)
5	CEMENT CONC. SIDEWALK	14	ROADWAY EXCAVATION INCL. HAUL
6	PLANING BITUMINOUS PAVEMENT	15	CEMENT CONC. PAVEMENT
7	TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT PER SPECIFICATIONS	16	HMA FOR PRELEVELING CL. 1/2 IN. PG
8	CEMENT CONC. TRAFFIC CURB AND GUTTER	17	BALLAST
9	ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER		

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage_3_Y-11834_PS_RS_06.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	4:16:36 PM					10	WASH	
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PLOTTED BY	p0024020							
DESIGNED BY	Z. BROWN							
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	R. HOWARD					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21624 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

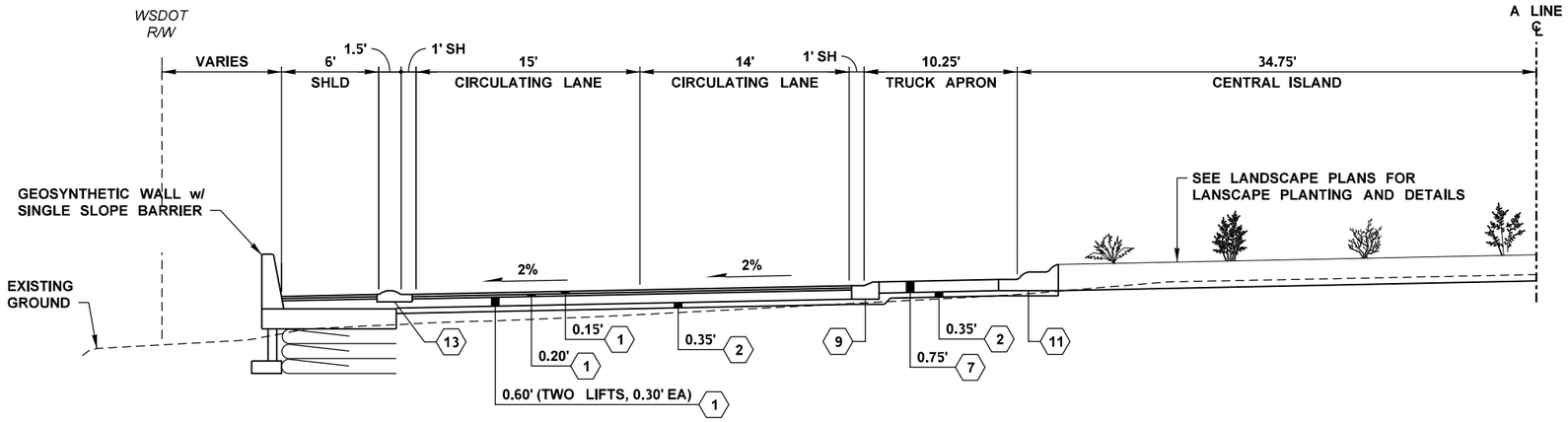
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

ROADWAY SECTIONS

PLAN REF NO
RS06
SHEET
OF
SHEETS

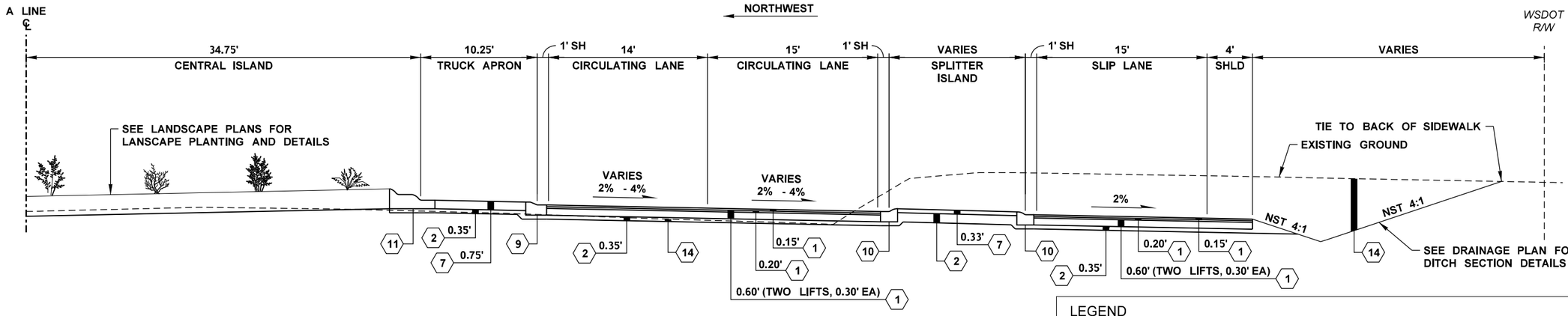
GENERAL NOTES:

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.
8. SEE WALL PLANS FOR RETAINING WALL DESIGN.
9. SOIL PREPARATION FOR SEEDING AND PLANTING AREAS SHALL OCCUR IMMEDIATELY AFTER FINAL GRADING IS COMPLETE. SEE SOIL PREPARATION PLANS FOR DETAILS.
10. GRADES, SPLITTER ISLANDS, SHOULDER WIDTHS ARE SHOWN ON ROADWAY SECTIONS SHEETS AS TYPICAL TO SHOW MATERIAL AND CONSTRUCTION. SEE PAVING SHEETS FOR LOCATIONS, WIDTHS, AND GRADES.



ROUNDABOUT SECTION - SR9/VERNON

NORTHWEST



ROUNDABOUT SECTION - SR9/VERNON

SOUTHEAST

LEGEND

1	HMA CL 1/2 IN., PG 58H-22	10	ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (OUTSIDE, RIGHT SIDE OR SPLITTER ISLAND)
2	CRUSHED SURFACING BASE COURSE	11	ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB
3	SELECT BORROW INCL. HAUL	12	CEMENT CONC. TRAFFIC CURB
4	PRECAST DUAL FACED SLOPED MOUNTABLE CURB (PAINTED YELLOW)	13	SCUPPERED ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (MODIFIED)
5	CEMENT CONC. SIDEWALK	14	ROADWAY EXCAVATION INCL. HAUL
6	PLANING BITUMINOUS PAVEMENT	15	CEMENT CONC. PAVEMENT
7	TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT PER SPECIFICATIONS	16	HMA FOR PRELEVELING CL. 1/2 IN. PG
8	CEMENT CONC. TRAFFIC CURB AND GUTTER	17	BALLAST
9	ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER		

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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PLOTTED BY	p0024020							
DESIGNED BY	Z. BROWN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	R. HOWARD							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21624 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

ROADWAY SECTIONS

PLAN REF NO RS07

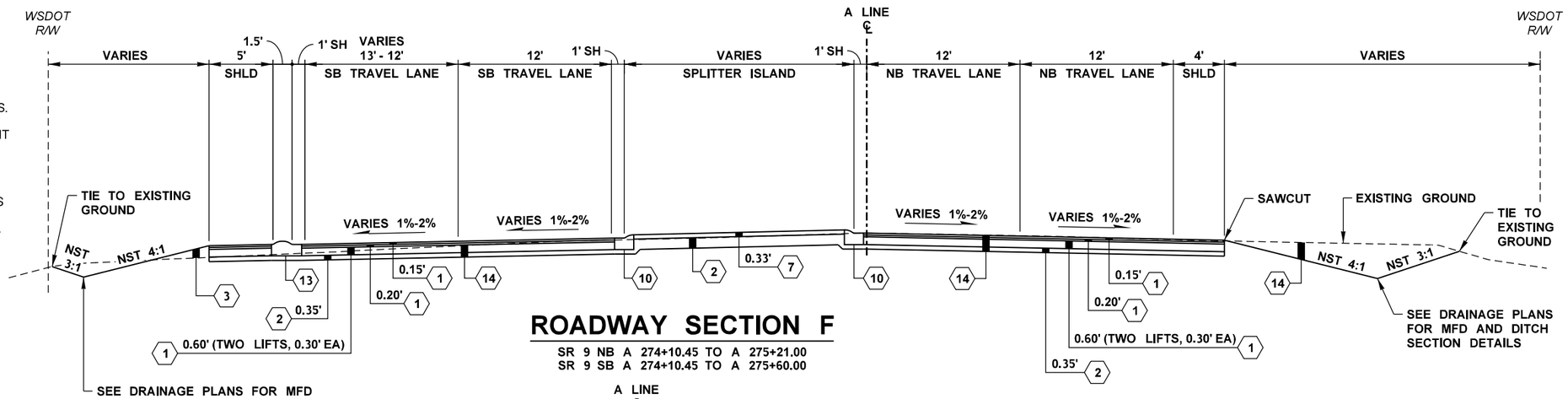
SHEET

OF

SHEETS

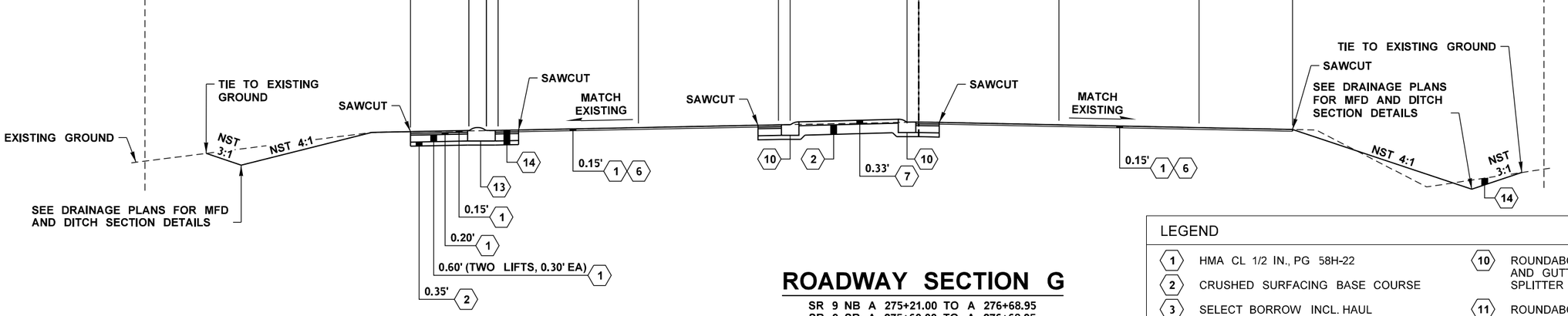
GENERAL NOTES:

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.
8. SEE WALL PLANS FOR RETAINING WALL DESIGN.
9. SOIL PREPARATION FOR SEEDING AND PLANTING AREAS SHALL OCCUR IMMEDIATELY AFTER FINAL GRADING IS COMPLETE. SEE SOIL PREPARATION PLANS FOR DETAILS.
10. GRADES, SPLITTER ISLANDS, SHOULDER WIDTHS ARE SHOWN ON ROADWAY SECTIONS SHEETS AS TYPICAL TO SHOW MATERIAL AND CONSTRUCTION. SEE PAVING SHEETS FOR LOCATIONS, WIDTHS, AND GRADES.



ROADWAY SECTION F

SR 9 NB A 274+10.45 TO A 275+21.00
SR 9 SB A 274+10.45 TO A 275+60.00



ROADWAY SECTION G

SR 9 NB A 275+21.00 TO A 276+68.95
SR 9 SB A 275+60.00 TO A 276+68.95

LEGEND

1	HMA CL 1/2 IN., PG 58H-22	10	ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (OUTSIDE, RIGHT SIDE OR SPLITTER ISLAND)
2	CRUSHED SURFACING BASE COURSE	11	ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB
3	SELECT BORROW INCL. HAUL	12	CEMENT CONC. TRAFFIC CURB
4	PRECAST DUAL FACED SLOPED MOUNTABLE CURB (PAINTED YELLOW)	13	SCUPPERED ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (MODIFIED)
5	CEMENT CONC. SIDEWALK	14	ROADWAY EXCAVATION INCL. HAUL
6	PLANING BITUMINOUS PAVEMENT	15	CEMENT CONC. PAVEMENT
7	TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT PER SPECIFICATIONS	16	HMA FOR PRELEVELING CL. 1/2 IN. PG
8	CEMENT CONC. TRAFFIC CURB AND GUTTER	17	BALLAST
9	ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER		

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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PLOTTED BY	p0024020							
DESIGNED BY	Z. BROWN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	R. HOWARD							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 47762 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

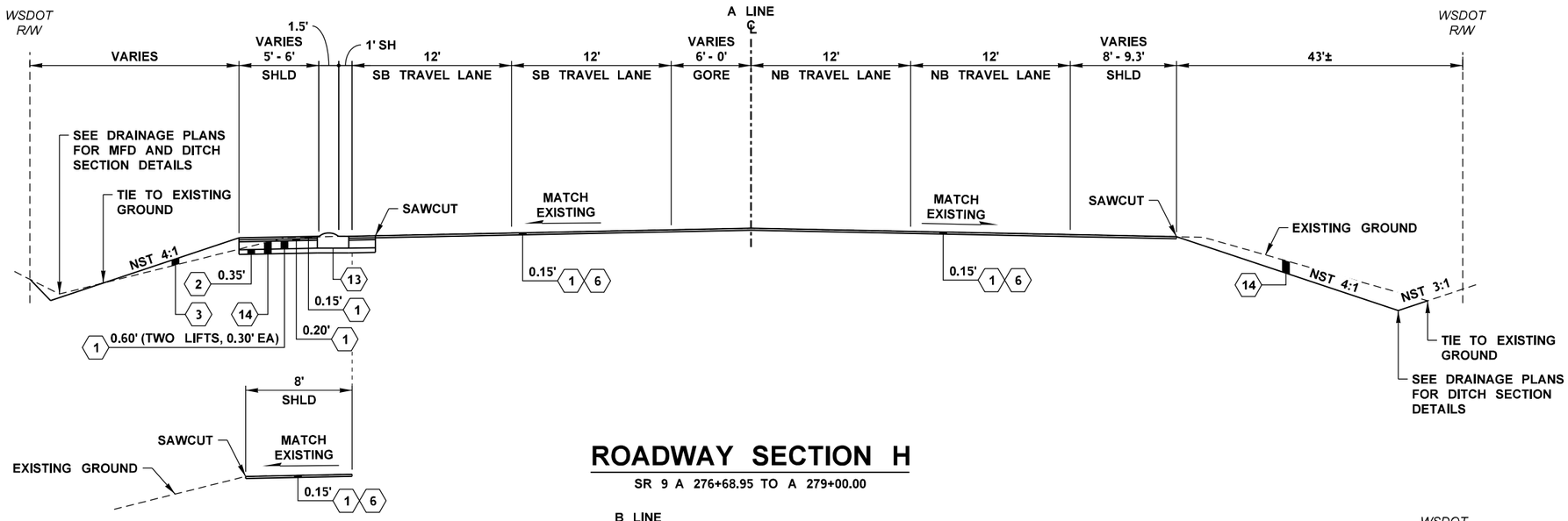
ROADWAY SECTIONS

PLAN REF NO
RS08

SHEET
OF
SHEETS

GENERAL NOTES:

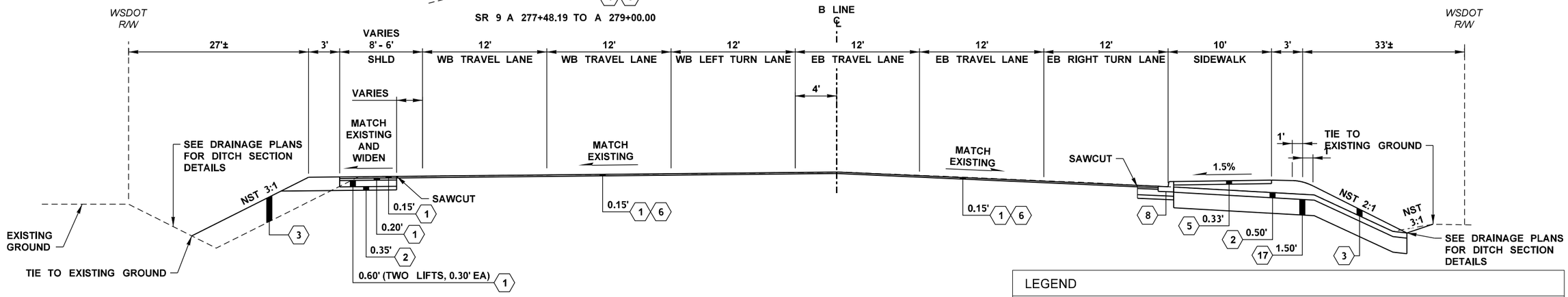
1. SHOULDERS TO BE FULL DEPTH TO MATCH TRAVEL LANE.
2. ALL PAVING AND SURFACING DEPTHS SHOWN ARE COMPACTED DEPTHS.
3. SEE PAVING PLAN FOR VARIABLE WIDTHS.
4. PAVE THE ENTIRE ROADWAY, INCLUDING WIDENING AREAS, TURN POCKETS AND SHOULDERS.
5. ALL SLOPE TRANSITIONS BEYOND ROADWAY SHOULDER REQUIRE SLOPE ROUNDING AS SHOWN.
6. SEE SITE PREPARATION PLANS FOR SAWCUT LOCATIONS.
7. FOR INTERSECTION DETAILS, SEE PAVING AND PAVEMENT MARKING PLANS.
8. SEE WALL PLANS FOR RETAINING WALL DESIGN.
9. SOIL PREPARATION FOR SEEDING AND PLANTING AREAS SHALL OCCUR IMMEDIATELY AFTER FINAL GRADING IS COMPLETE. SEE SOIL PREPARATION PLANS FOR DETAILS.
10. GRADES, SPLITTER ISLANDS, SHOULDER WIDTHS ARE SHOWN ON ROADWAY SECTIONS SHEETS AS TYPICAL TO SHOW MATERIAL AND CONSTRUCTION. SEE PAVING SHEETS FOR LOCATIONS, WIDTHS, AND GRADES.



ROADWAY SECTION H

SR 9 A 276+68.95 TO A 279+00.00

SR 9 A 277+48.19 TO A 279+00.00



ROADWAY SECTION I

SR 204 B 121+15.00 TO B 123+52.57

LEGEND

1	HMA CL 1/2 IN., PG 58H-22	10	ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (OUTSIDE, RIGHT SIDE OR SPLITTER ISLAND)
2	CRUSHED SURFACING BASE COURSE	11	ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB
3	SELECT BORROW INCL. HAUL	12	CEMENT CONC. TRAFFIC CURB
4	PRECAST DUAL FACED SLOPED MOUNTABLE CURB (PAINTED YELLOW)	13	SCUPPERED ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (MODIFIED)
5	CEMENT CONC. SIDEWALK	14	ROADWAY EXCAVATION INCL. HAUL
6	PLANING BITUMINOUS PAVEMENT	15	CEMENT CONC. PAVEMENT
7	TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT PER SPECIFICATIONS	16	HMA FOR PRELEVELING CL. 1/2 IN. PG
8	CEMENT CONC. TRAFFIC CURB AND GUTTER	17	BALLAST
9	ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER		

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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DESIGNED BY	Z. BROWN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	R. HOWARD							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 47753 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

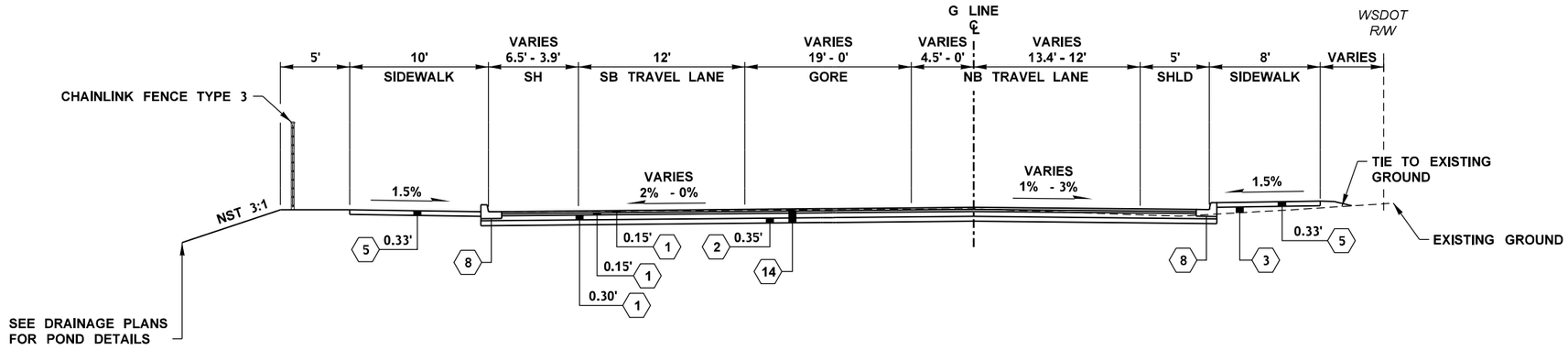
ROADWAY SECTIONS

PLAN REF NO RS09

SHEET OF SHEETS

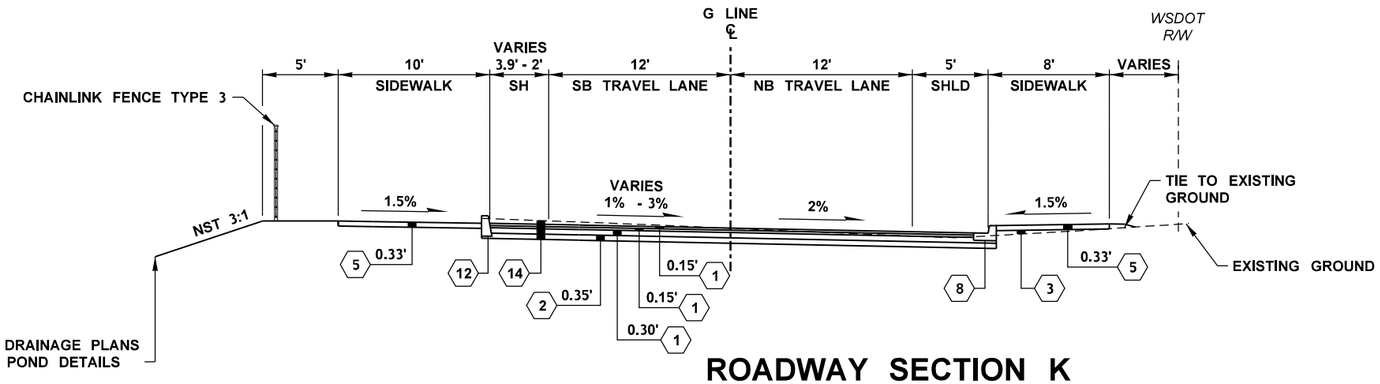
GENERAL NOTES:

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.
8. SEE WALL PLANS FOR RETAINING WALL DESIGN.
9. SOIL PREPARATION FOR SEEDING AND PLANTING AREAS SHALL OCCUR IMMEDIATELY AFTER FINAL GRADING IS COMPLETE. SEE SOIL PREPARATION PLANS FOR DETAILS.
10. GRADES, SPLITTER ISLANDS, SHOULDER WIDTHS ARE SHOWN ON ROADWAY SECTIONS SHEETS AS TYPICAL TO SHOW MATERIAL AND CONSTRUCTION. SEE PAVING SHEETS FOR LOCATIONS, WIDTHS, AND GRADES.



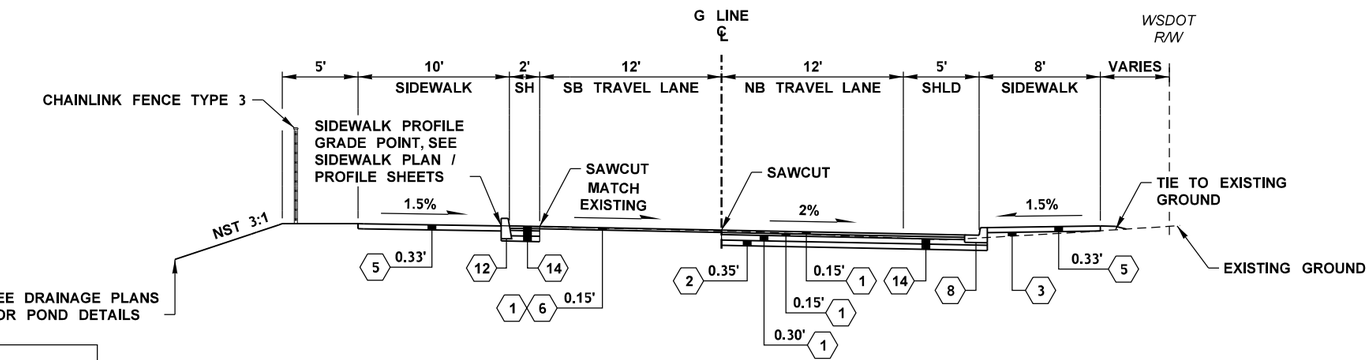
ROADWAY SECTION J

FRONTAGE RD G 10+34.69 TO G 11+80.00



ROADWAY SECTION K

FRONTAGE RD G 11+80.00 TO G 12+10.87



ROADWAY SECTION L

FRONTAGE RD G 12+10.87 TO G 13+52.88

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

LEGEND

1	HMA CL 1/2 IN., PG 58H-22
2	CRUSHED SURFACING BASE COURSE
3	SELECT BORROW INCL. HAUL
4	PRECAST DUAL FACED SLOPED MOUNTABLE CURB (PAINTED YELLOW)
5	CEMENT CONC. SIDEWALK
6	PLANING BITUMINOUS PAVEMENT
7	TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT PER SPECIFICATIONS
8	CEMENT CONC. TRAFFIC CURB AND GUTTER
9	ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER
10	ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (OUTSIDE, RIGHT SIDE OR SPLITTER ISLAND)
11	ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB
12	CEMENT CONC. TRAFFIC CURB
13	SCUPPERED ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (MODIFIED)
14	ROADWAY EXCAVATION INCL. HAUL
15	CEMENT CONC. PAVEMENT
16	HMA FOR PRELEVELING CL. 1/2 IN. PG
17	BALLAST

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DESIGNED BY	Z. BROWN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	R. HOWARD							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

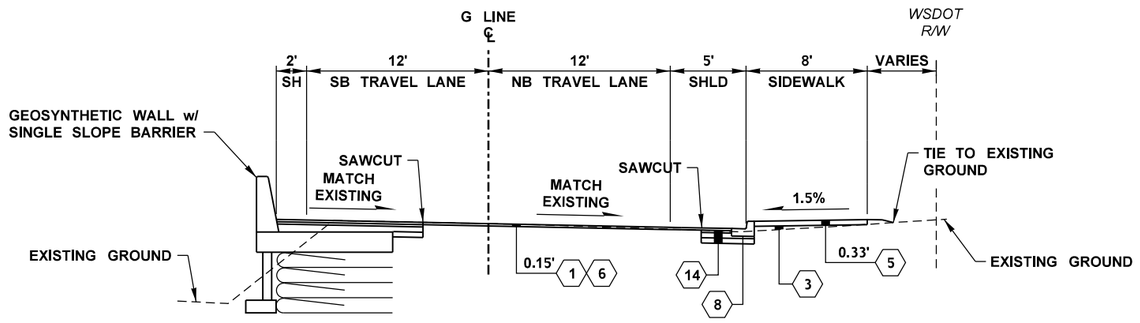
ROADWAY SECTIONS

PLAN REF NO
RS10

SHEET
OF
SHEETS

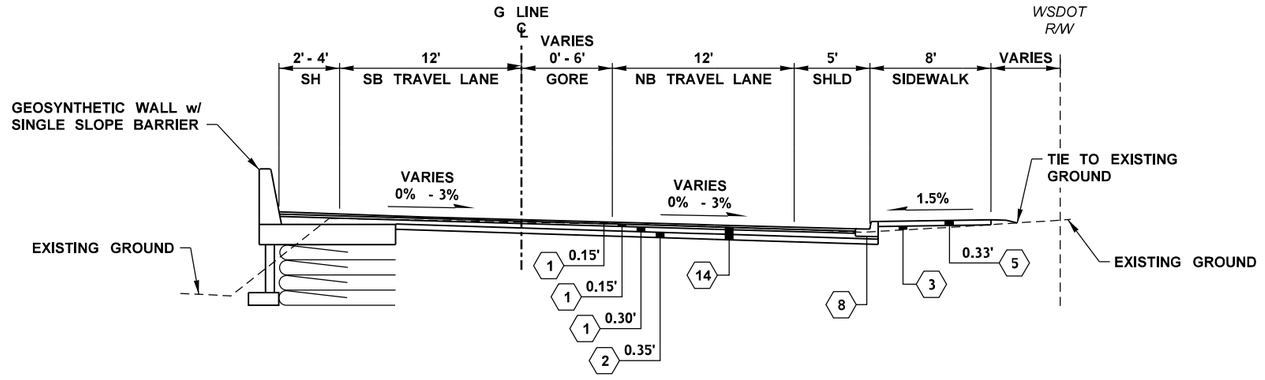
GENERAL NOTES:

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.
8. SEE WALL PLANS FOR RETAINING WALL DESIGN.
9. SOIL PREPARATION FOR SEEDING AND PLANTING AREAS SHALL OCCUR IMMEDIATELY AFTER FINAL GRADING IS COMPLETE. SEE SOIL PREPARATION PLANS FOR DETAILS.
10. GRADES, SPLITTER ISLANDS, SHOULDER WIDTHS ARE SHOWN ON ROADWAY SECTIONS SHEETS AS TYPICAL TO SHOW MATERIAL AND CONSTRUCTION. SEE PAVING SHEETS FOR LOCATIONS, WIDTHS, AND GRADES.



ROADWAY SECTION M

FRONTAGE RD G 13+52.88 TO G 14+59.41



ROADWAY SECTION N

FRONTAGE RD G 14+59.41 TO G 15+56.41

LEGEND

1	HMA CL 1/2 IN., PG 58H-22	10	ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (OUTSIDE, RIGHT SIDE OR SPLITTER ISLAND)
2	CRUSHED SURFACING BASE COURSE	11	ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB
3	SELECT BORROW INCL. HAUL	12	CEMENT CONC. TRAFFIC CURB
4	PRECAST DUAL FACED SLOPED MOUNTABLE CURB (PAINTED YELLOW)	13	SCUPPERED ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (MODIFIED)
5	CEMENT CONC. SIDEWALK	14	ROADWAY EXCAVATION INCL. HAUL
6	PLANING BITUMINOUS PAVEMENT	15	CEMENT CONC. PAVEMENT
7	TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT PER SPECIFICATIONS	16	HMA FOR PRELEVELING CL. 1/2 IN. PG
8	CEMENT CONC. TRAFFIC CURB AND GUTTER	17	BALLAST
9	ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER		

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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DATE	4/30/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	Z. BROWN							
ENTERED BY	K. MCWILLIAMS					CONTRACT NO.		LOCATION NO.
CHECKED BY	R. HOWARD							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN STATE OF WASHINGTON 21762 REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

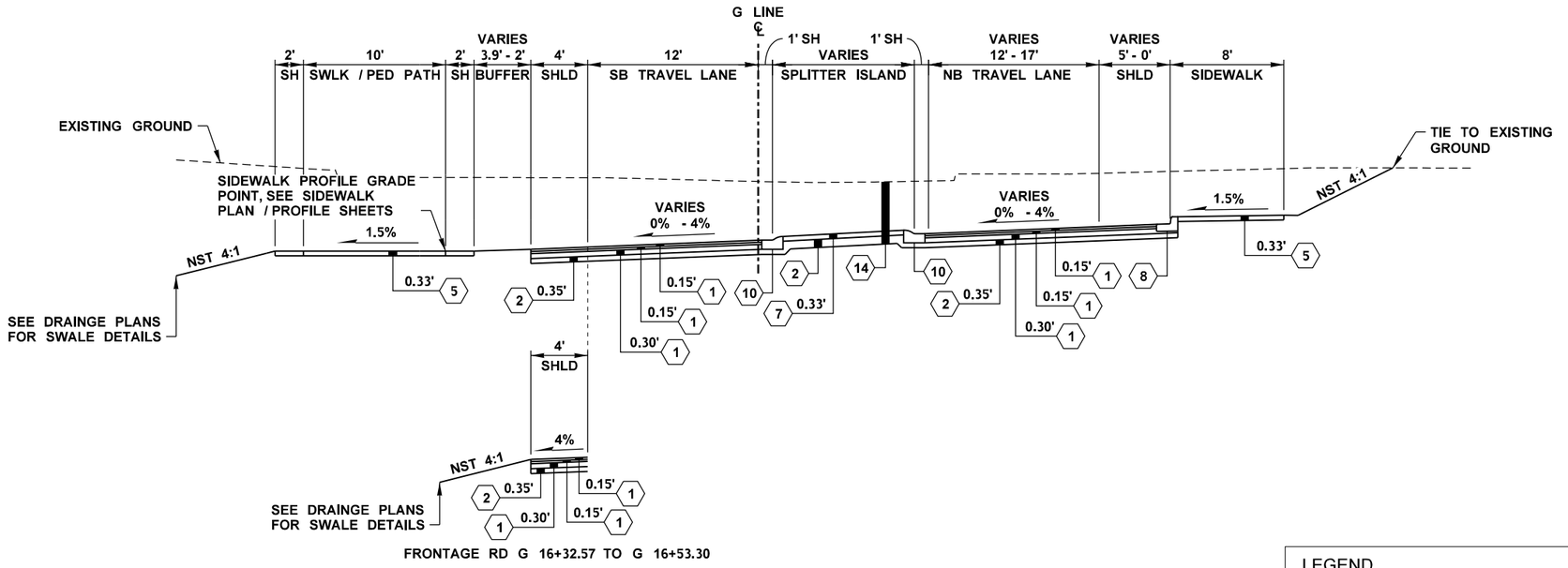
ROADWAY SECTIONS

PLAN REF NO
RS11

SHEET
OF
SHEETS

GENERAL NOTES:

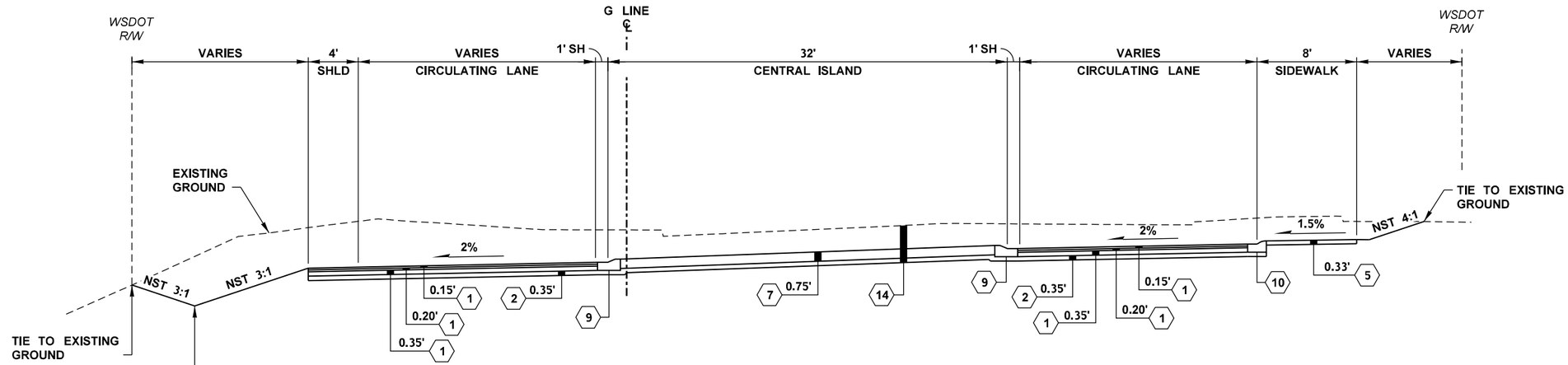
1. SHOULDERS TO BE FULL DEPTH TO MATCH TRAVEL LANE.
2. ALL PAVING AND SURFACING DEPTHS SHOWN ARE COMPACTED DEPTHS.
3. SEE PAVING PLAN FOR VARIABLE WIDTHS.
4. PAVE THE ENTIRE ROADWAY, INCLUDING WIDENING AREAS, TURN POCKETS AND SHOULDERS.
5. ALL SLOPE TRANSITIONS BEYOND ROADWAY SHOULDER REQUIRE SLOPE ROUNDING AS SHOWN.
6. SEE SITE PREPARATION PLANS FOR SAWCUT LOCATIONS.
7. FOR INTERSECTION DETAILS, SEE PAVING AND PAVEMENT MARKING PLANS.
8. SEE WALL PLANS FOR RETAINING WALL DESIGN.
9. SOIL PREPARATION FOR SEEDING AND PLANTING AREAS SHALL OCCUR IMMEDIATELY AFTER FINAL GRADING IS COMPLETE. SEE SOIL PREPARATION PLANS FOR DETAILS.
10. GRADES, SPLITTER ISLANDS, SHOULDER WIDTHS ARE SHOWN ON ROADWAY SECTIONS SHEETS AS TYPICAL TO SHOW MATERIAL AND CONSTRUCTION. SEE PAVING SHEETS FOR LOCATIONS, WIDTHS, AND GRADES.



FRONTAGE RD G 16+32.57 TO G 16+53.30

ROADWAY SECTION O

FRONTAGE RD G 15+59.91 TO G 16+53.30



ROUNDABOUT SECTION - VERNON/DAVIES

SOUTHWEST | NORTHEAST

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

LEGEND

1. HMA CL 1/2 IN., PG 58H-22
2. CRUSHED SURFACING BASE COURSE
3. SELECT BORROW INCL. HAUL
4. PRECAST DUAL FACED SLOPED MOUNTABLE CURB (PAINTED YELLOW)
5. CEMENT CONC. SIDEWALK
6. PLANING BITUMINOUS PAVEMENT
7. TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT PER SPECIFICATIONS
8. CEMENT CONC. TRAFFIC CURB AND GUTTER
9. ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER
10. ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (OUTSIDE, RIGHT SIDE OR SPLITTER ISLAND)
11. ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB
12. CEMENT CONC. TRAFFIC CURB
13. SCUPPERED ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (MODIFIED)
14. ROADWAY EXCAVATION INCL. HAUL
15. CEMENT CONC. PAVEMENT
16. HMA FOR PRELEVELING CL. 1/2 IN. PG
17. BALLAST

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DESIGNED BY	Z. BROWN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	R. HOWARD							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 47629 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

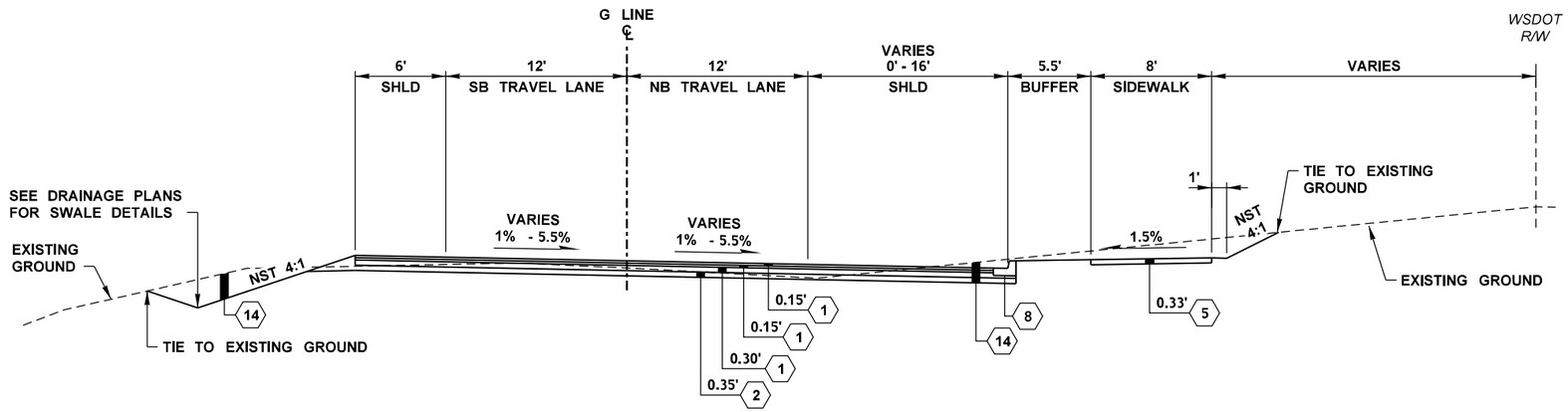
ROADWAY SECTIONS

PLAN REF NO RS12

SHEET OF SHEETS

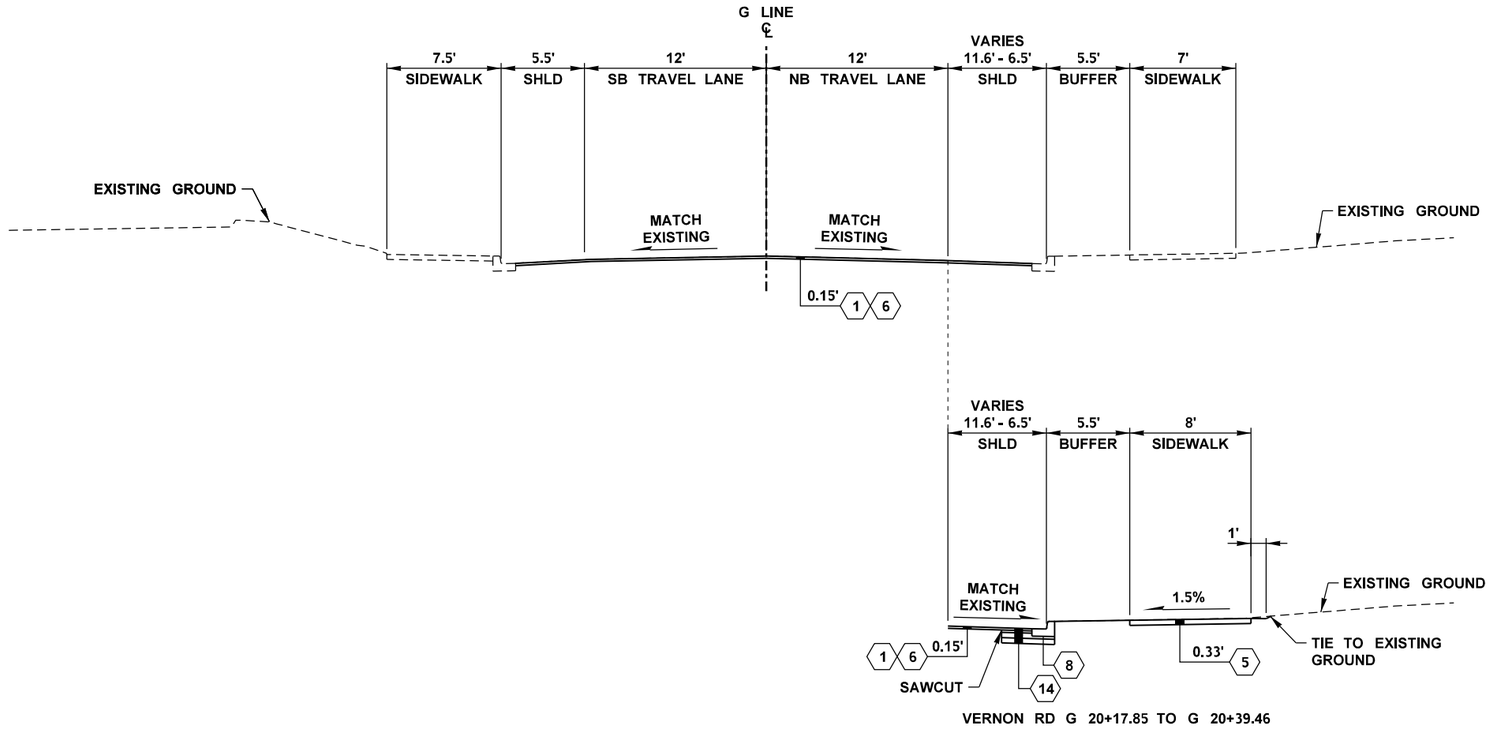
GENERAL NOTES:

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.
8. SEE WALL PLANS FOR RETAINING WALL DESIGN.
9. SOIL PREPARATION FOR SEEDING AND PLANTING AREAS SHALL OCCUR IMMEDIATELY AFTER FINAL GRADING IS COMPLETE. SEE SOIL PREPARATION PLANS FOR DETAILS.
10. GRADES, SPLITTER ISLANDS, SHOULDER WIDTHS ARE SHOWN ON ROADWAY SECTIONS SHEETS AS TYPICAL TO SHOW MATERIAL AND CONSTRUCTION. SEE PAVING SHEETS FOR LOCATIONS, WIDTHS, AND GRADES.



ROADWAY SECTION P

VERNON RD G 17+24.45 TO G 20+17.85



ROADWAY SECTION Q

VERNON RD G 20+17.85 TO G 20+39.46

LEGEND

1	HMA CL 1/2 IN., PG 58H-22
2	CRUSHED SURFACING BASE COURSE
3	SELECT BORROW INCL. HAUL
4	PRECAST DUAL FACED SLOPED MOUNTABLE CURB (PAINTED YELLOW)
5	CEMENT CONC. SIDEWALK
6	PLANING BITUMINOUS PAVEMENT
7	TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT PER SPECIFICATIONS
8	CEMENT CONC. TRAFFIC CURB AND GUTTER
9	ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER
10	ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (OUTSIDE, RIGHT SIDE OR SPLITTER ISLAND)
11	ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB
12	CEMENT CONC. TRAFFIC CURB
13	SCUPPERED ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (MODIFIED)
14	ROADWAY EXCAVATION INCL. HAUL
15	CEMENT CONC. PAVEMENT
16	HMA FOR PRELEVELING CL. 1/2 IN. PG
17	BALLAST

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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DESIGNED BY	Z. BROWN							
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	R. HOWARD					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN STATE OF WASHINGTON 47024 REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

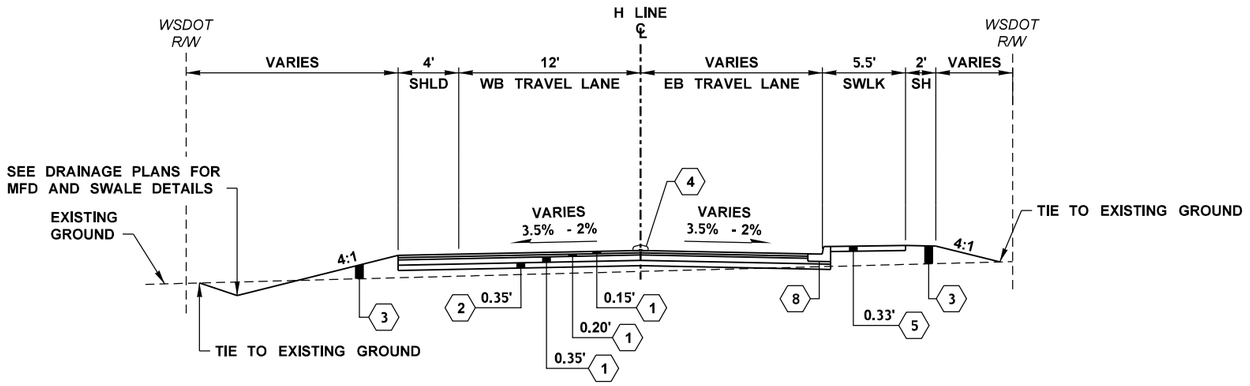
ROADWAY SECTIONS

PLAN REF NO RS13

SHEET OF SHEETS

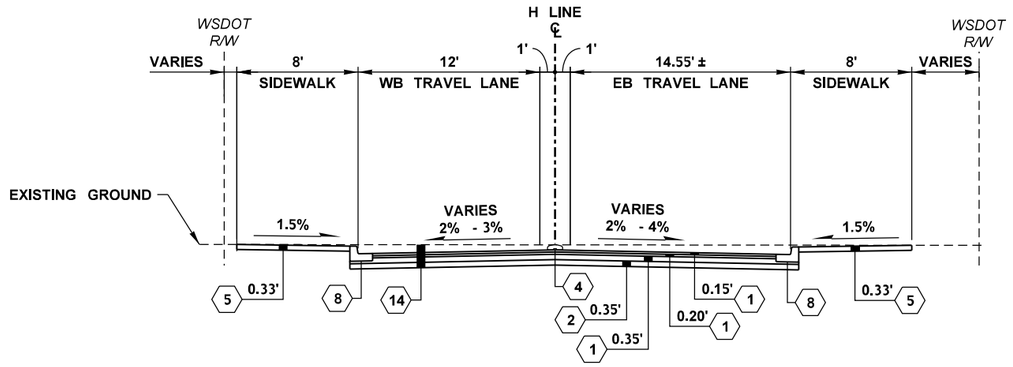
GENERAL NOTES:

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.
8. SEE WALL PLANS FOR RETAINING WALL DESIGN.
9. SOIL PREPARATION FOR SEEDING AND PLANTING AREAS SHALL OCCUR IMMEDIATELY AFTER FINAL GRADING IS COMPLETE. SEE SOIL PREPARATION PLANS FOR DETAILS.
10. GRADES, SPLITTER ISLANDS, SHOULDER WIDTHS ARE SHOWN ON ROADWAY SECTIONS SHEETS AS TYPICAL TO SHOW MATERIAL AND CONSTRUCTION. SEE PAVING SHEETS FOR LOCATIONS, WIDTHS, AND GRADES.



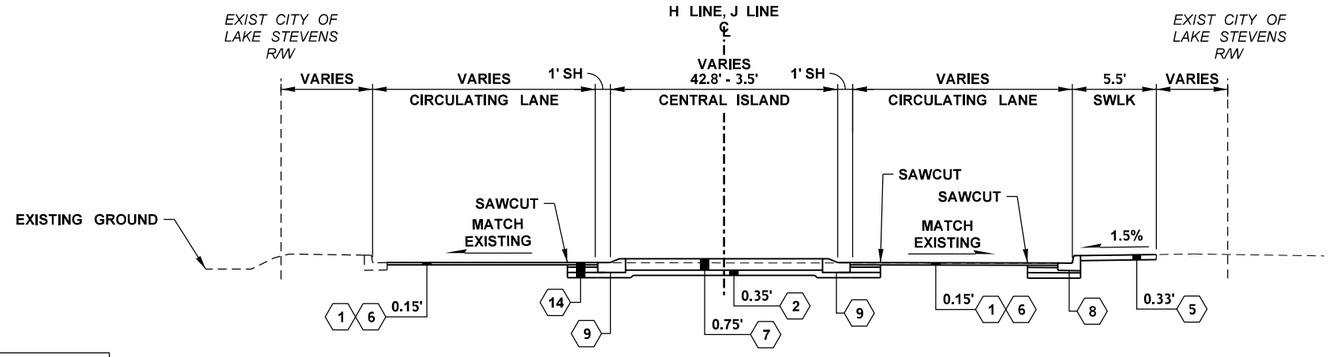
ROADWAY SECTION R

VERNON RD H 26+85.65 TO H 28+58.05
SEE SR9 / VERNON ROUNDABOUT SECTION, RS07 FOR ROUNDABOUT SECTION



ROADWAY SECTION S

N DAVIES RD H 32+07.50 TO H 32+43.98



ROUNDABOUT SECTION - VERNON/91ST AVE NE

SOUTHWEST | NORTHEAST

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

LEGEND

1. HMA CL 1/2 IN., PG 58H-22
2. CRUSHED SURFACING BASE COURSE
3. SELECT BORROW INCL. HAUL
4. PRECAST DUAL FACED SLOPED MOUNTABLE CURB (PAINTED YELLOW)
5. CEMENT CONC. SIDEWALK
6. PLANING BITUMINOUS PAVEMENT
7. TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT PER SPECIFICATIONS
8. CEMENT CONC. TRAFFIC CURB AND GUTTER
9. ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER
10. ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (OUTSIDE, RIGHT SIDE OR SPLITTER ISLAND)
11. ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB
12. CEMENT CONC. TRAFFIC CURB
13. SCUPPERED ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (MODIFIED)
14. ROADWAY EXCAVATION INCL. HAUL
15. CEMENT CONC. PAVEMENT
16. HMA FOR PRELEVELING CL. 1/2 IN. PG
17. BALLAST

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DESIGNED BY	Z. BROWN						
ENTERED BY	K. MCWILLIAMS					CONTRACT NO.	LOCATION NO.
CHECKED BY	R. HOWARD						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY		

ZACHARY R. BROWN — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

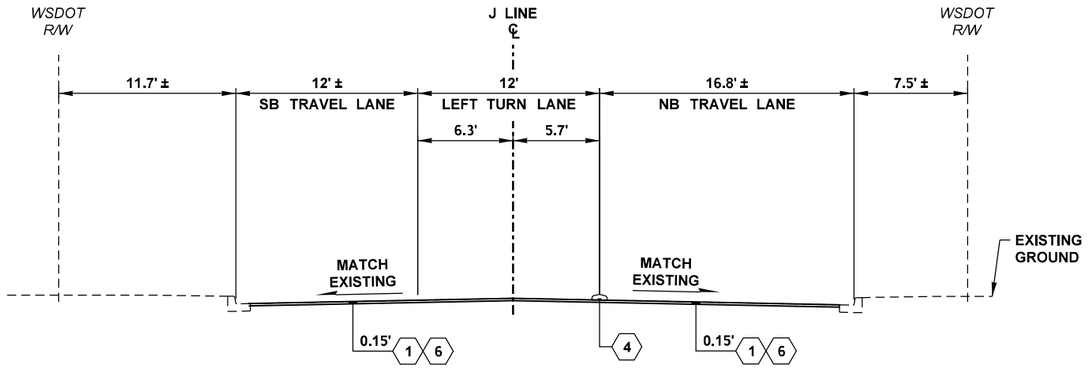
ROADWAY SECTIONS

PLAN REF NO RS14

SHEET OF SHEETS

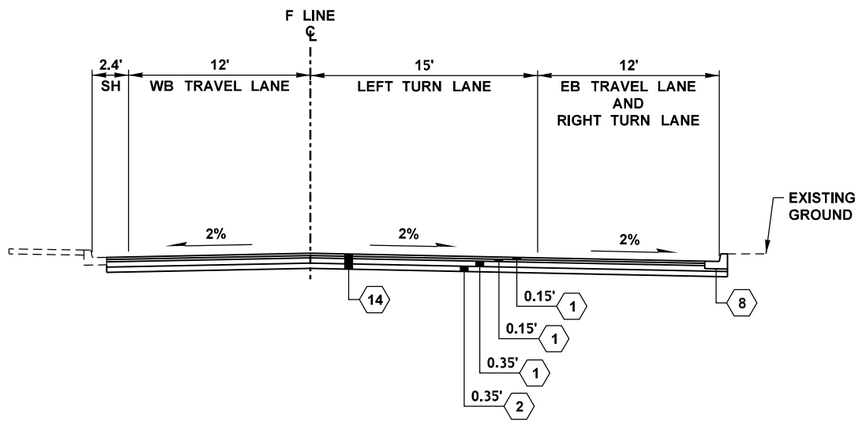
GENERAL NOTES:

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.
8. SEE WALL PLANS FOR RETAINING WALL DESIGN.
9. SOIL PREPARATION FOR SEEDING AND PLANTING AREAS SHALL OCCUR IMMEDIATELY AFTER FINAL GRADING IS COMPLETE. SEE SOIL PREPARATION PLANS FOR DETAILS.
10. GRADES, SPLITTER ISLANDS, SHOULDER WIDTHS ARE SHOWN ON ROADWAY SECTIONS SHEETS AS TYPICAL TO SHOW MATERIAL AND CONSTRUCTION. SEE PAVING SHEETS FOR LOCATIONS, WIDTHS, AND GRADES.



ROADWAY SECTION T

91ST AVE J 30+73.79 TO J 33+13.16



ROADWAY SECTION U

7TH PL NE F 71+95.11 TO F 72+53.85

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

LEGEND

1. HMA CL 1/2 IN., PG 58H-22
2. CRUSHED SURFACING BASE COURSE
3. SELECT BORROW INCL. HAUL
4. PRECAST DUAL FACED SLOPED MOUNTABLE CURB (PAINTED YELLOW)
5. CEMENT CONC. SIDEWALK
6. PLANING BITUMINOUS PAVEMENT
7. TEXTURED AND PIGMENTED CEMENT CONCRETE PAVEMENT PER SPECIFICATIONS
8. CEMENT CONC. TRAFFIC CURB AND GUTTER
9. ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER
10. ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (OUTSIDE, RIGHT SIDE OR SPLITTER ISLAND)
11. ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB
12. CEMENT CONC. TRAFFIC CURB
13. SCUPPERED ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (MODIFIED)
14. ROADWAY EXCAVATION INCL. HAUL
15. CEMENT CONC. PAVEMENT
16. HMA FOR PRELEVELING CL. 1/2 IN. PG
17. BALLAST

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DESIGNED BY	Z. BROWN							
ENTERED BY	K. MCWILLIAMS					CONTRACT NO.		LOCATION NO.
CHECKED BY	R. HOWARD							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 57703 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

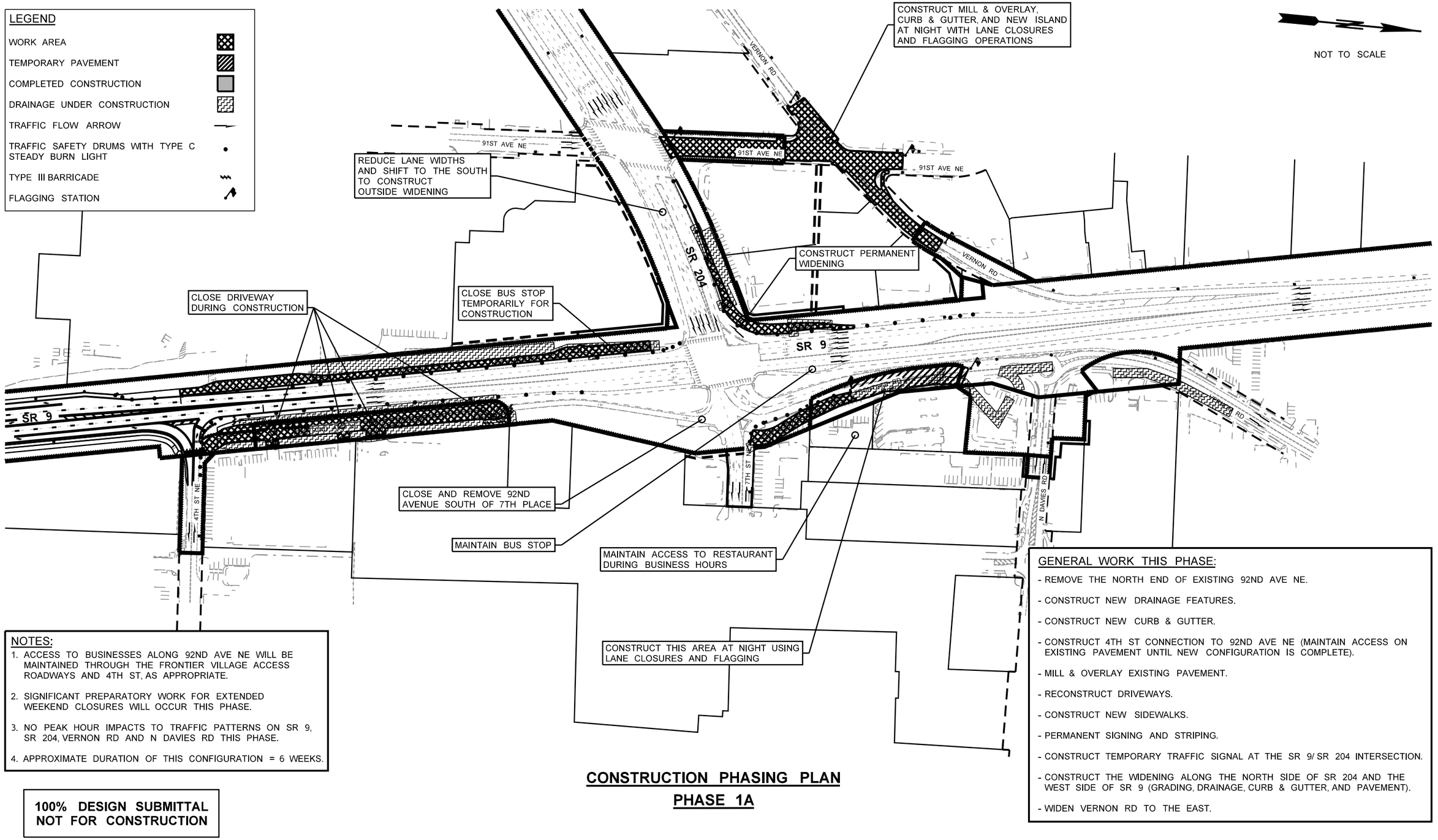
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

ROADWAY SECTIONS

PLAN REF NO
RS15

SHEET
OF
SHEETS



NOTES:

1. ACCESS TO BUSINESSES ALONG 92ND AVE NE WILL BE MAINTAINED THROUGH THE FRONTIER VILLAGE ACCESS ROADWAYS AND 4TH ST, AS APPROPRIATE.
2. SIGNIFICANT PREPARATORY WORK FOR EXTENDED WEEKEND CLOSURES WILL OCCUR THIS PHASE.
3. NO PEAK HOUR IMPACTS TO TRAFFIC PATTERNS ON SR 9, SR 204, VERNON RD AND N DAVIES RD THIS PHASE.
4. APPROXIMATE DURATION OF THIS CONFIGURATION = 6 WEEKS.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

CONSTRUCTION PHASING PLAN
PHASE 1A

GENERAL WORK THIS PHASE:

- REMOVE THE NORTH END OF EXISTING 92ND AVE NE.
- CONSTRUCT NEW DRAINAGE FEATURES.
- CONSTRUCT NEW CURB & GUTTER.
- CONSTRUCT 4TH ST CONNECTION TO 92ND AVE NE (MAINTAIN ACCESS ON EXISTING PAVEMENT UNTIL NEW CONFIGURATION IS COMPLETE).
- MILL & OVERLAY EXISTING PAVEMENT.
- RECONSTRUCT DRIVEWAYS.
- CONSTRUCT NEW SIDEWALKS.
- PERMANENT SIGNING AND STRIPING.
- CONSTRUCT TEMPORARY TRAFFIC SIGNAL AT THE SR 9/ SR 204 INTERSECTION.
- CONSTRUCT THE WIDENING ALONG THE NORTH SIDE OF SR 204 AND THE WEST SIDE OF SR 9 (GRADING, DRAINAGE, CURB & GUTTER, AND PAVEMENT).
- WIDEN VERNON RD TO THE EAST.

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PLOTTED BY	p009797D							
DESIGNED BY	B. ERLANDSON					CONTRACT NO.		LOCATION NO.
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 24800 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

STAGED CONSTRUCTION

PLAN REF NO
SU01

SHEET
OF
SHEETS

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- DRAINAGE UNDER CONSTRUCTION
- TRAFFIC FLOW ARROW
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- TYPE III BARRICADE
- FLAGGING STATION

NOT TO SCALE

CONSTRUCT MILL & OVERLAY, CURB & GUTTER, AND NEW ISLAND AT NIGHT WITH LAN ECLOSURES AND FLAGGING OPERATIONS

MAINTAIN BUS STOP

92ND AVE NE CLOSED

MAINTAIN ACCESS TO RESTAURANT DURING BUSINESS HOURS

CONSTRUCT THIS AREA AT NIGHT USING LANE CLOSURES AND FLAGGING

MAINTAIN ACCESS TO GAS STATION AT ALL TIMES

MAINTAIN ACCESS

MAINTAIN DRIVEWAY ACCESS AT ALL TIMES

NOTES:

1. EXHIBIT SHOWS THE CONFIGURATION FOR THE EXTENDED WEEKEND CLOSURE ONLY
2. MAINTAIN ALL LANES ON SR 9 AND SR 204.

GENERAL WORK THIS PHASE:

- REMOVE EXISTING TRAFFIC CIRCLE AT VERNON RD / N DAVIES RD
- EXCAVATE GRADE FOR THE NEW TRAFFIC CIRCLE.
- CONSTRUCT NEW TRAFFIC CIRCLE CURB & GUTTER, BASE COURSE, AND PAVEMENT.

CONSTRUCTION PHASING PLAN
PHASE 1B

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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DESIGNED BY	B. ERLANDSON					
ENTERED BY	R. ZELLERS					
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
CONTRACT NO. | LOCATION NO.

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 24806 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

STAGED CONSTRUCTION

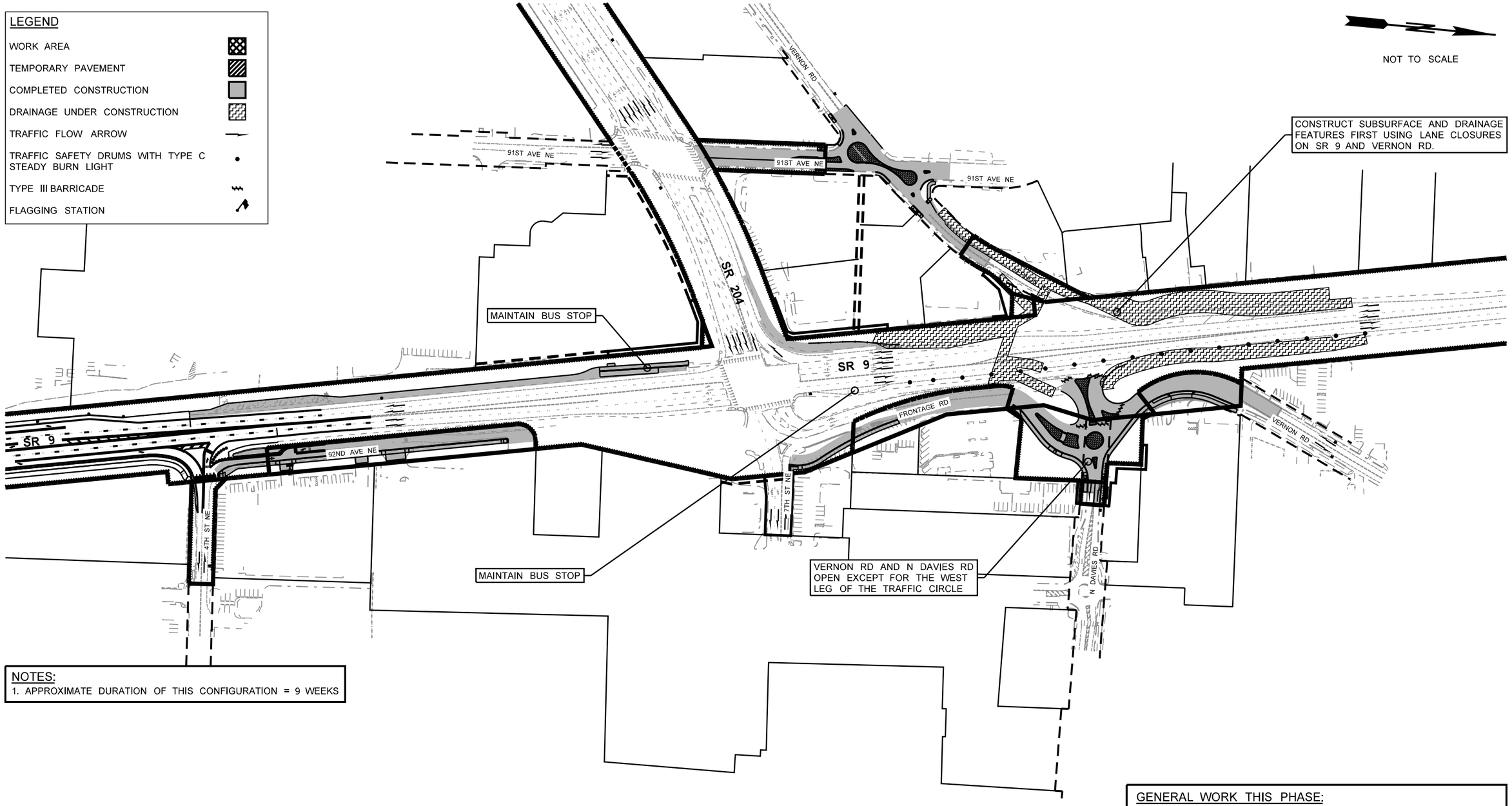
PLAN REF NO SU02

SHEET OF SHEETS

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- DRAINAGE UNDER CONSTRUCTION
- TRAFFIC FLOW ARROW
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- TYPE III BARRICADE
- FLAGGING STATION

NOT TO SCALE



NOTES:
1. APPROXIMATE DURATION OF THIS CONFIGURATION = 9 WEEKS

CONSTRUCTION PHASING PLAN
PHASE 2A

GENERAL WORK THIS PHASE:
- COMPLETE SIDEWALK, CURB RAMPS, AND OTHER TRAFFIC FEATURES ALONG VERNON RD AND DAVIES RD.
- CONSTRUCT SUBSURFACE AND DRAINAGE FEATURES ALONG SR 9 AND VERNON RD.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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DESIGNED BY	B. ERLANDSON							
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 34806 — REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX — DATE

PARSONS

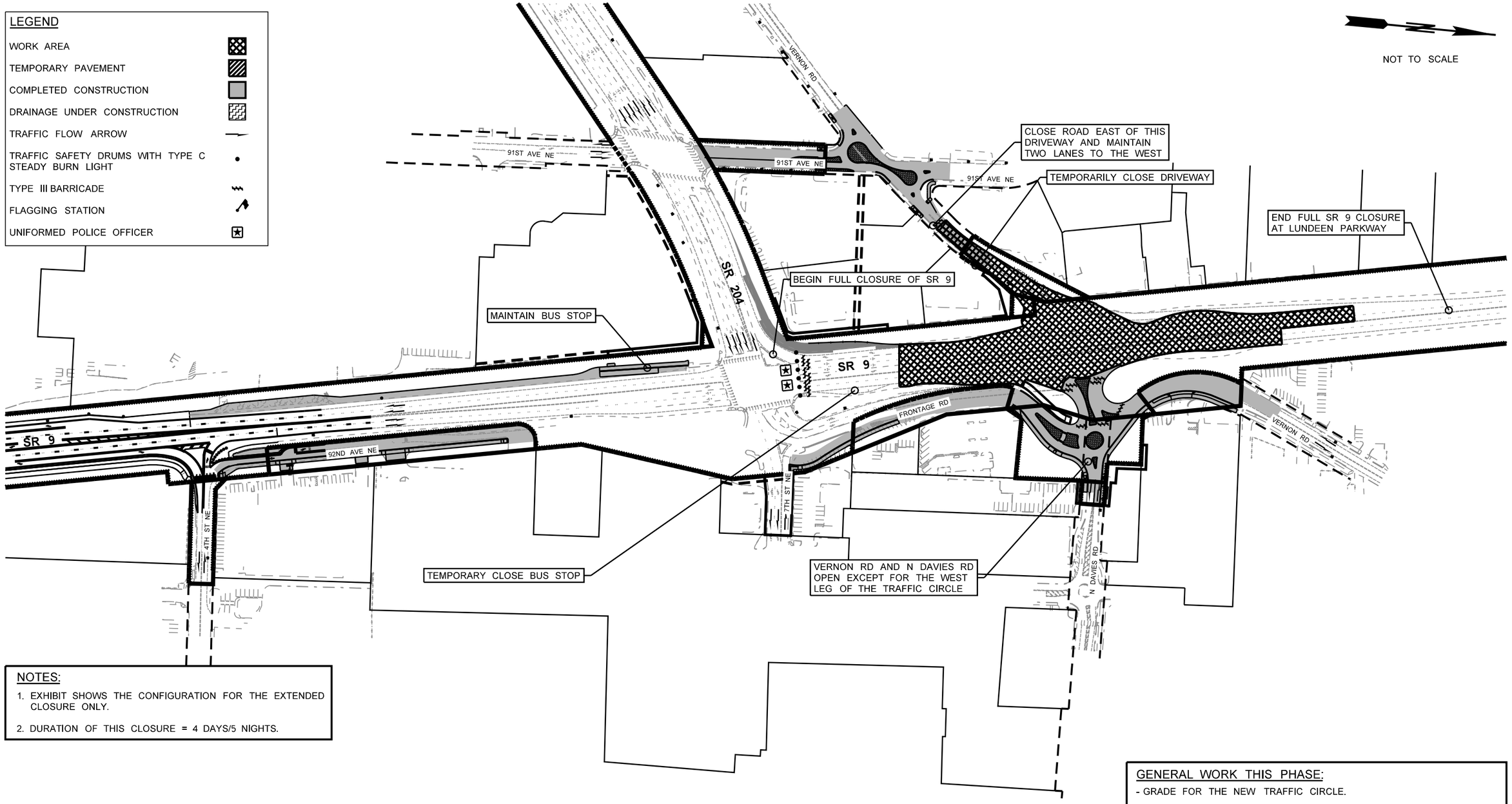
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

STAGED CONSTRUCTION

PLAN REF NO SU03

SHEET OF SHEETS



NOTES:

1. EXHIBIT SHOWS THE CONFIGURATION FOR THE EXTENDED CLOSURE ONLY.
2. DURATION OF THIS CLOSURE = 4 DAYS/5 NIGHTS.

GENERAL WORK THIS PHASE:

- GRADE FOR THE NEW TRAFFIC CIRCLE.
- CONSTRUCT NEW CURB AND GUTTER.
- PAVE NEW TRAFFIC CIRCLE.
- CONSTRUCT NEW SIDEWALKS.

CONSTRUCTION PHASING PLAN
PHASE 2B

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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

EMMANUEL OSEJO AKE — STATE OF WASHINGTON — 24800 — REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX — DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

STAGED CONSTRUCTION

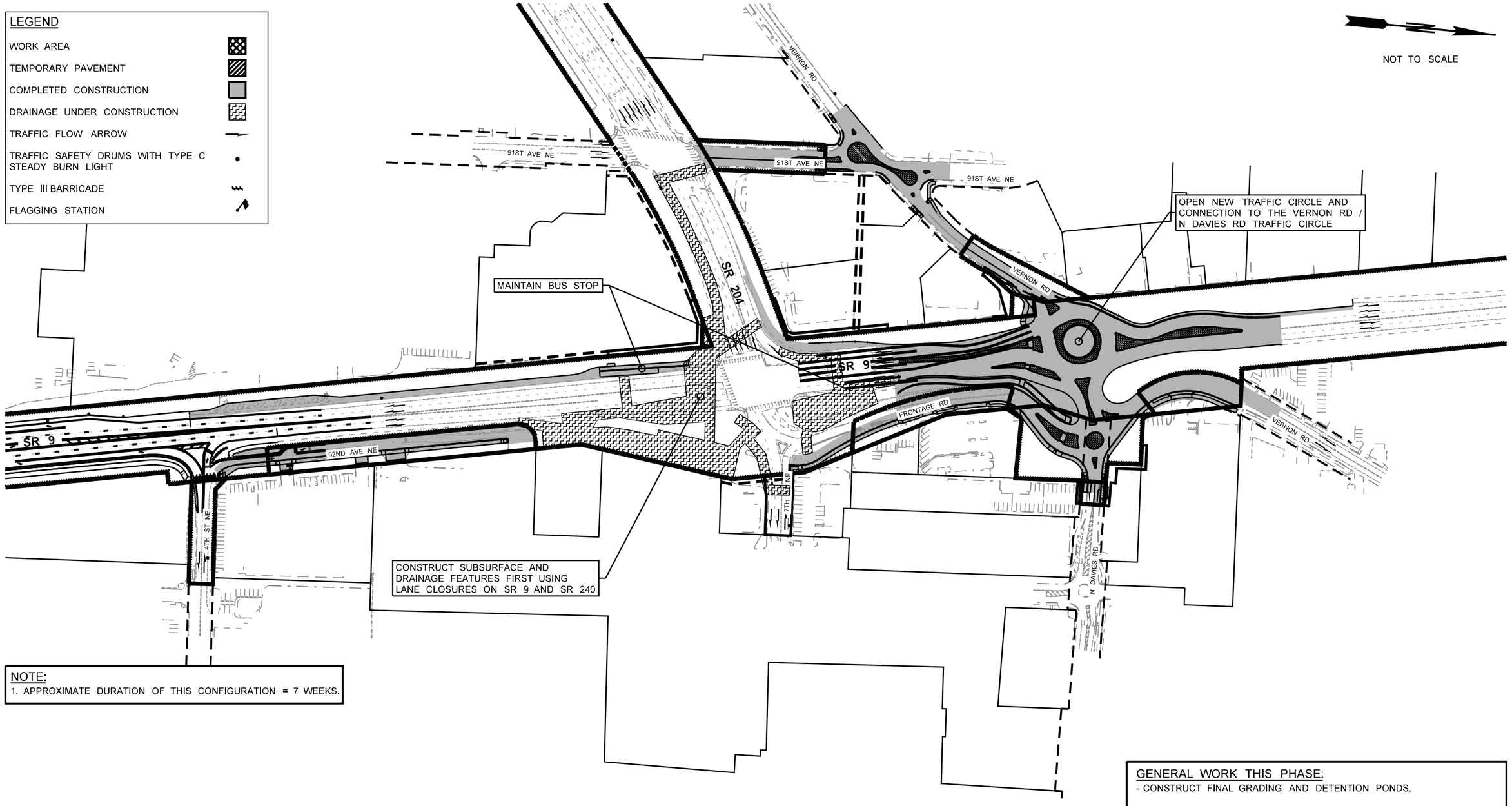
PLAN REF NO SU04

SHEET OF SHEETS

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- DRAINAGE UNDER CONSTRUCTION
- TRAFFIC FLOW ARROW
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- TYPE III BARRICADE
- FLAGGING STATION

NOT TO SCALE



NOTE:
1. APPROXIMATE DURATION OF THIS CONFIGURATION = 7 WEEKS.

GENERAL WORK THIS PHASE:
- CONSTRUCT FINAL GRADING AND DETENTION PONDS.
- CONSTRUCT FINAL SIGNAGE AND STRIPING.
- CONSTRUCT LIGHTING.
- CONSTRUCT FINAL LANDSCAPE.

CONSTRUCTION PHASING PLAN
PHASE 3A

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

FILE NAME	c:\pw_workIng\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_SU_05.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	10:44:12 AM					10	WASH	
DATE	4/30/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	B. ERLANDSON					CONTRACT NO.		LOCATION NO.
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 24800 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

STAGED CONSTRUCTION

PLAN REF NO
SU05

SHEET
OF
SHEETS

LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- DRAINAGE UNDER CONSTRUCTION
- TRAFFIC FLOW ARROW
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- TYPE III BARRICADE
- FLAGGING STATION
- UNIFORMED POLICE OFFICER

NOT TO SCALE

CLOSE BOTH DIRECTIONS OF SR 204 AT 91ST AVE NE

END FULL SR 9 CLOSURE AT LUNDEEN PARKWAY

CONSTRUCT CURB AND GUTTER AND SIDEWALK ON SOUTH SIDE OF SR 204 DURING CLOSURE

CLOSE 4TH ST TO NB SR 9

MAINTAIN NB SR 9 TO 4TH ST

TEMPORARILY CLOSE BUS STOP

BEGIN FULL SR 9 CLOSURE AT MARKET PL

VERNON RD

91ST AVE NE

SR 204

SR 9

FRONTAGE RD

92ND AVE NE

4TH ST NE

7TH ST NE

N DAVIES RD

NOTES:

1. EXHIBIT SHOWS THE CONFIGURATION FOR THE EXTENDED CLOSURE ONLY.
2. DURATION OF THIS CLOSURE = 4 DAYS/5 NIGHTS.
3. FOLLOWING THIS CLOSURE, TRAFFIC WILL BE IN ITS FINAL CONFIGURATION.
4. THERE ARE APPROXIMATELY 9 WEEKS OF PROJECT COMPLETION WORK AFTER THIS CLOSURE (LANDSCAPING, LIGHTING, FINAL TRAFFIC ELEMENTS, ETC.).

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

CONSTRUCTION PHASING PLAN PHASE 3B

GENERAL WORK THIS PHASE:

- CONSTRUCT THE NEW SR 9 / SR 204 ROUND-ABOUT (GRADING, DRAINAGE, CURB & GUTTER, AND PAVEMENT).
- CONSTRUCT THE REMAINDER OF THE WIDENING ALONG THE EAST SIDE OF SR 9.
- MILL & OVERLAY EXISTING PAVEMENT ON SR 9 AND SR 204 TO MATCH PERMANENT GRADE.

FILE NAME	c:\pw_workIng\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_SU_06.dgn
TIME	10:44:26 AM
DATE	4/30/2021
PLOTTED BY	p009797D
DESIGNED BY	B. ERLANDSON
ENTERED BY	R. ZELLERS
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		
CONTRACT NO.	LOCATION NO.	

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 54806 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

STAGED CONSTRUCTION

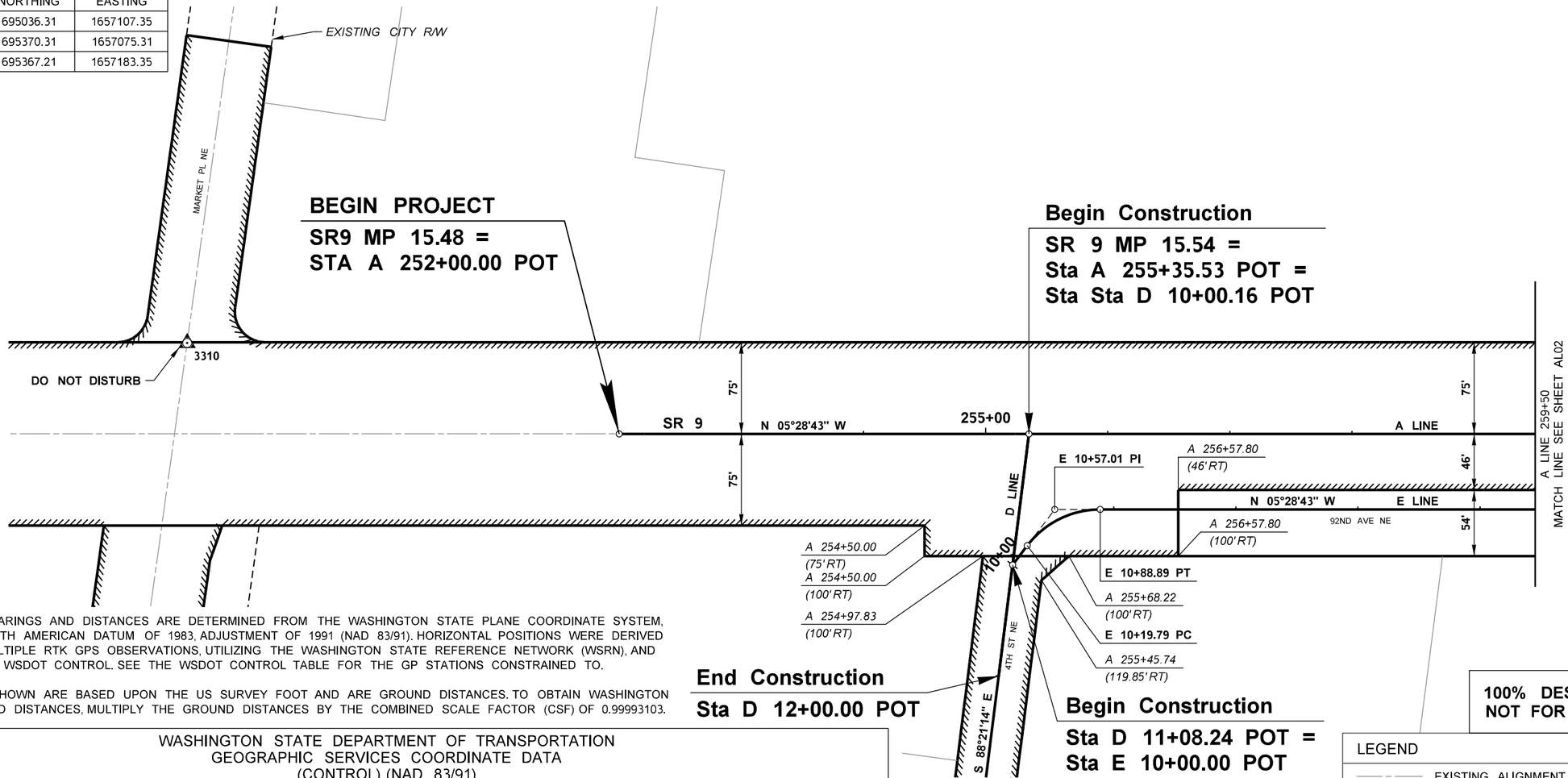
PLAN REF NO
SU06

SHEET
OF
SHEETS

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

CURVE DATA				
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
E 10+57.01	52°47'43" RT	75.00'	37.23'	69.11'

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
A 252+00.00	695036.31	1657107.35
D 10+00.16	695370.31	1657075.31
E 10+00.00	695367.21	1657183.35



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	GRID NORTHING (METERS)	GRID EASTING (METERS)	GRID NORTHING (US FEET)	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

NOTES:

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. REFER TO R/W PLANS FOR ANGLE POINTS AND AREAS OF RELINQUISHMENT TO CITY.
4. RIGHT OF ENTRY TO AREAS WITHIN CITY OF LAKE STEVENS RIGHT OF WAY PROVIDED UNDER AGREEMENT WITH CITY OF LAKE STEVENS.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

LEGEND

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

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage 3_Y-11834_PS_AL_01.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	4:50:47 PM					10	WASH	
DATE	4/26/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	Z. BROWN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 47024 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

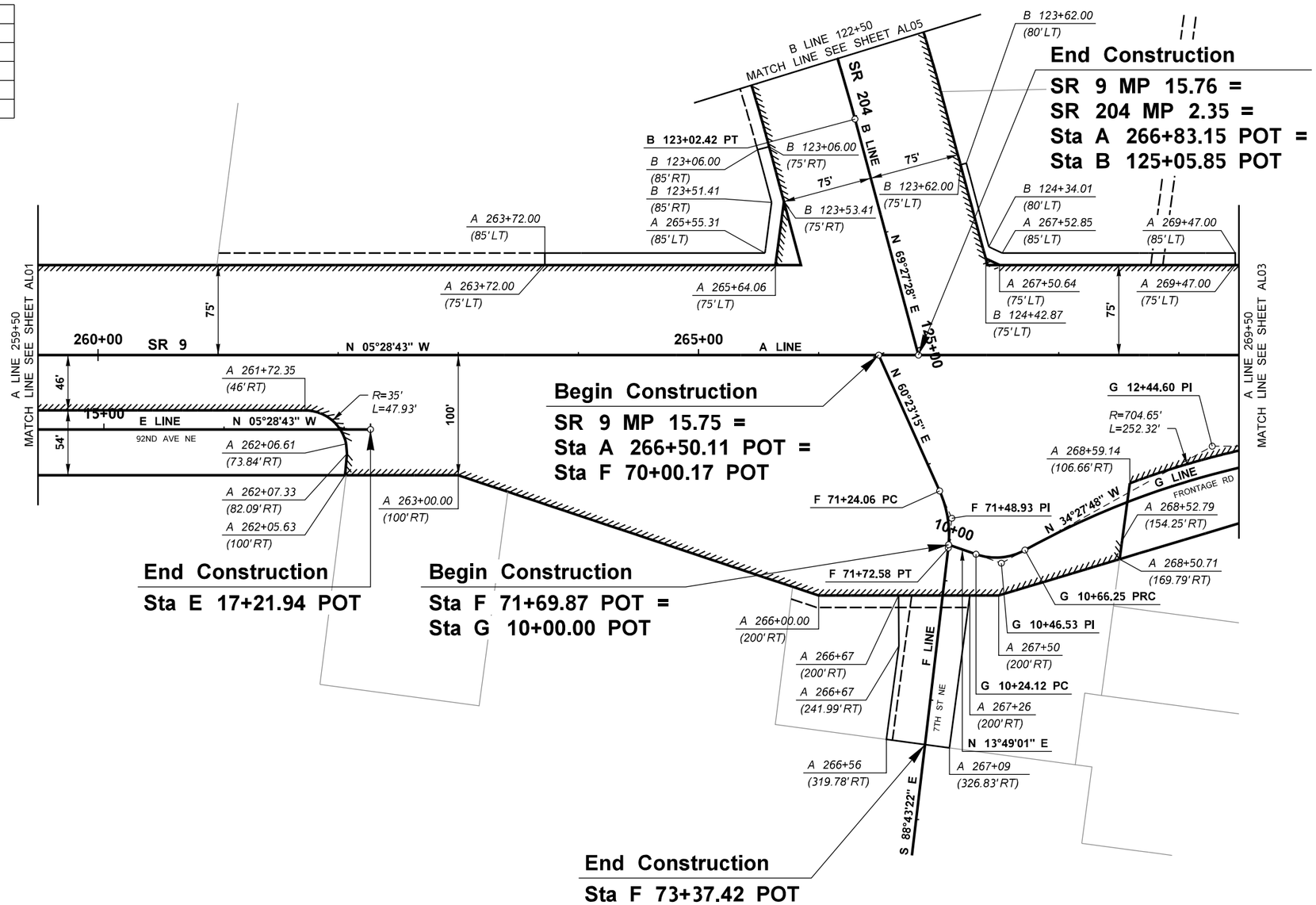
ALIGNMENT AND RIGHT OF WAY PLAN

PLAN REF NO
AL01
SHEET
OF
SHEETS

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

CURVE DATA				
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
F 71+48.93	30°53'23" RT	90.00'	24.87'	48.52'
G 10+46.53	48°16'49" LT	50.00'	22.41'	42.13'
G 12+44.60	28°59'05" RT	690.00'	178.35'	349.06'

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
B 125+05.85	696512.69	1656965.74
E 17+21.94	696064.40	1657070.86
F 70+00.17	696479.80	1656968.90
G 10+00.00	696552.77	1657120.37



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

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

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage 3_Y-11834_PS_AL_02.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	4:51:07 PM					10	WASH	
DATE	4/26/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	Z. BROWN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21752 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

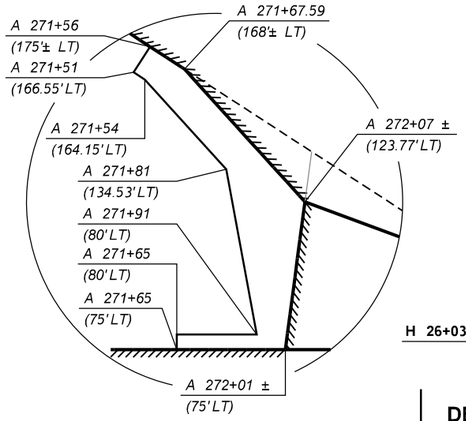
ALIGNMENT PLAN

PLAN REF NO
AL02
SHEET
OF
SHEETS

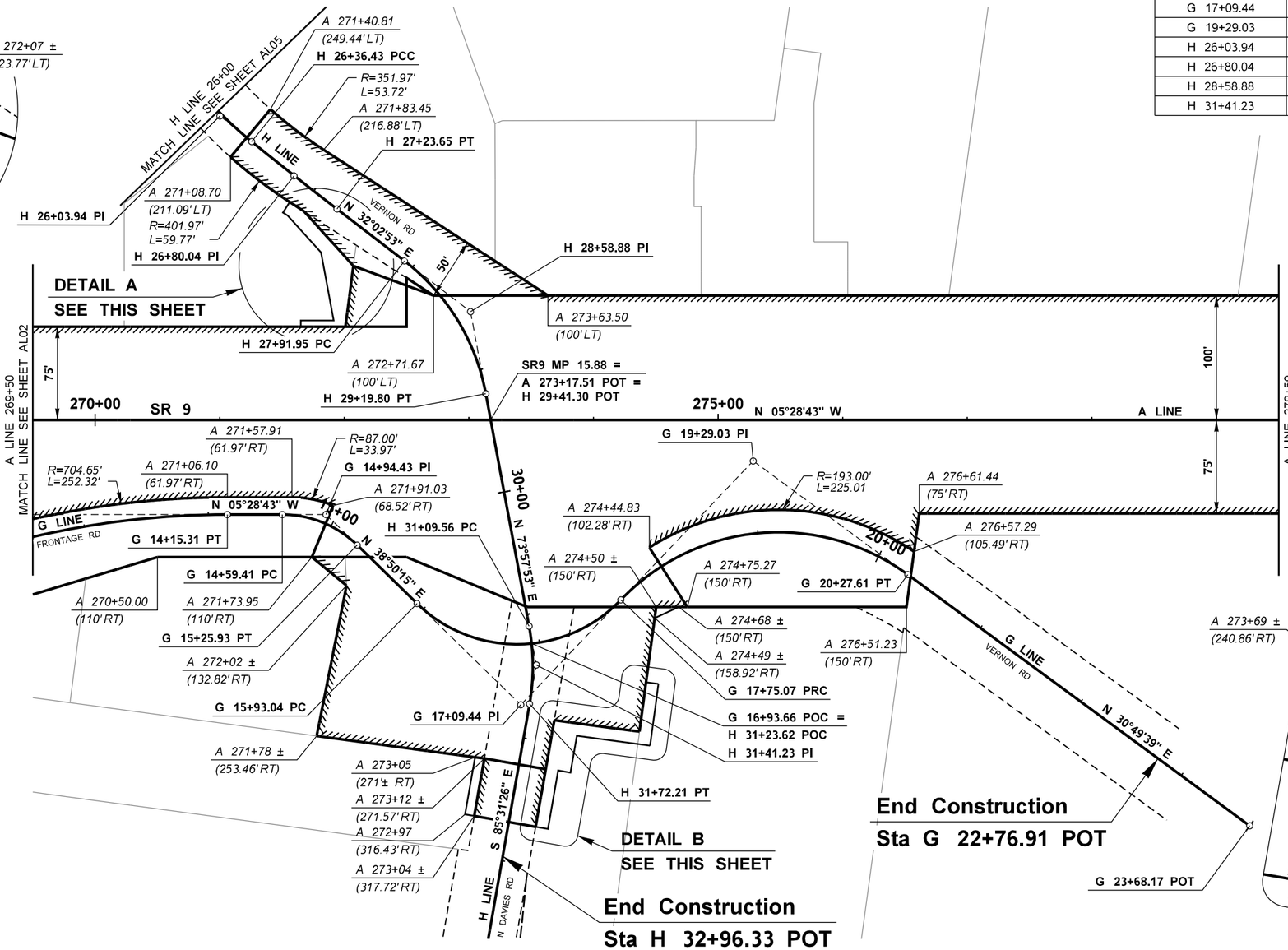
T. 29N. R. 5E. W.M. SEC. 13

CURVE DATA				
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
G 14+94.43	44°18'58" RT	86.00'	35.02'	66.52'
G 17+09.44	90°41'28" LT	115.00'	116.40'	182.03'
G 19+29.03	82°42'52" RT	175.00'	153.96'	252.54'
H 26+03.94	12°44'52" LT	293.28'	32.76'	65.25'
H 26+80.04	01°21'06" LT	3,697.01'	43.61'	87.22'
H 28+58.88	20°30'41" RT	175.00'	66.93'	127.86'
H 31+41.23	41°51'38" RT	175.00'	31.66'	62.65'

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
G 23+68.17	697781.64	1657171.14



DETAIL A
NOT TO SCALE



0 50 100
SCALE IN FEET

DETAIL B
NOT TO SCALE

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

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

FILE NAME	c:\pw_working\wastate\p0024020\dms08802\Stage 3_Y-11834_PS_AL_03.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	4:51:46 PM					10	WASH	
DATE	4/26/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	Z. BROWN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21762 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

ALIGNMENT PLAN

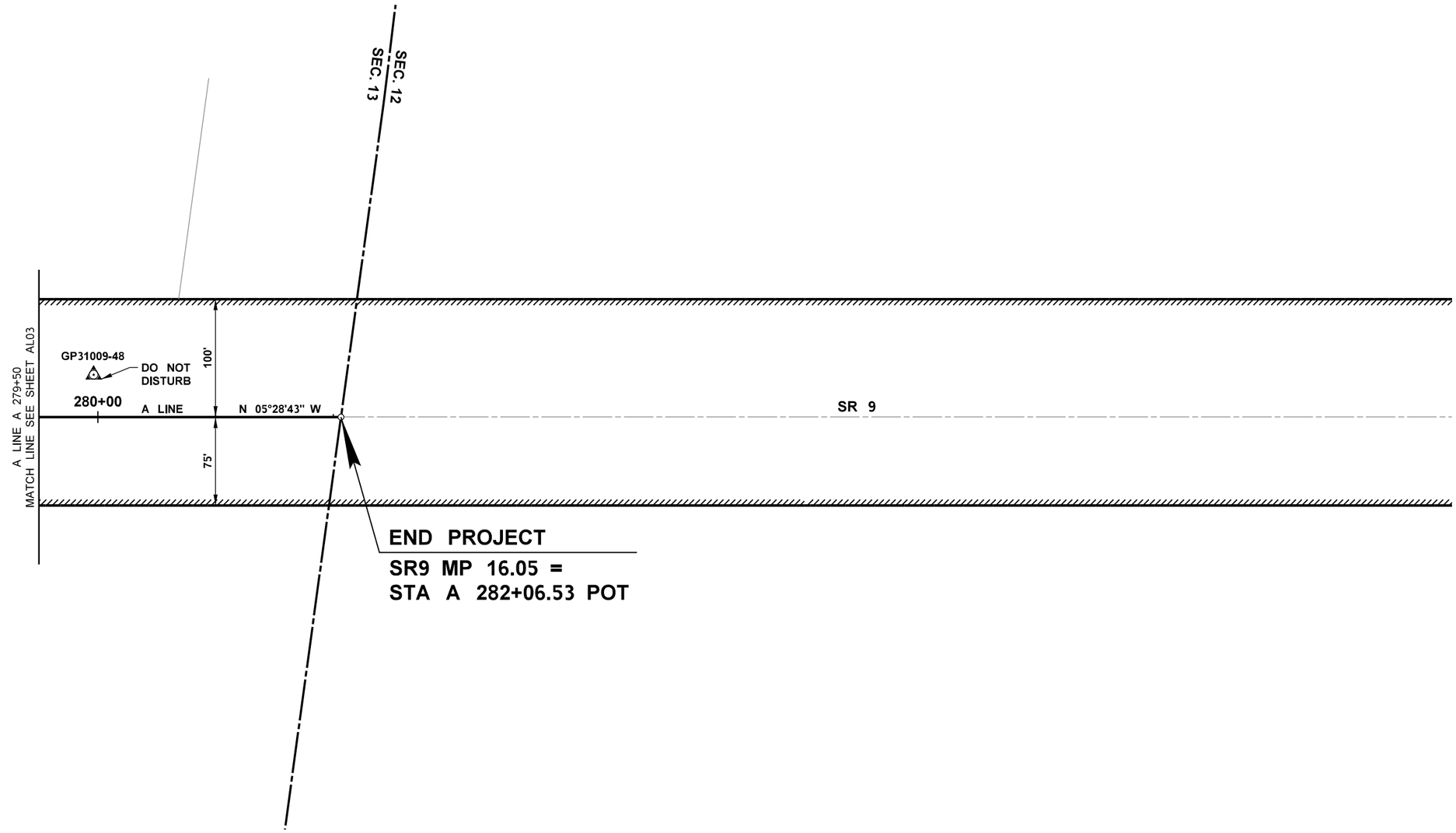
PLAN REF NO
AL03
SHEET
OF
SHEETS

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
A 282+06.53	698029.10	1656820.30

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

N

0 50 100
SCALE IN FEET



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

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

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage 3_Y-11834_PS_AL_04.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	4:52:20 PM					10	WASH	
DATE	4/26/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 22703 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

ALIGNMENT PLAN

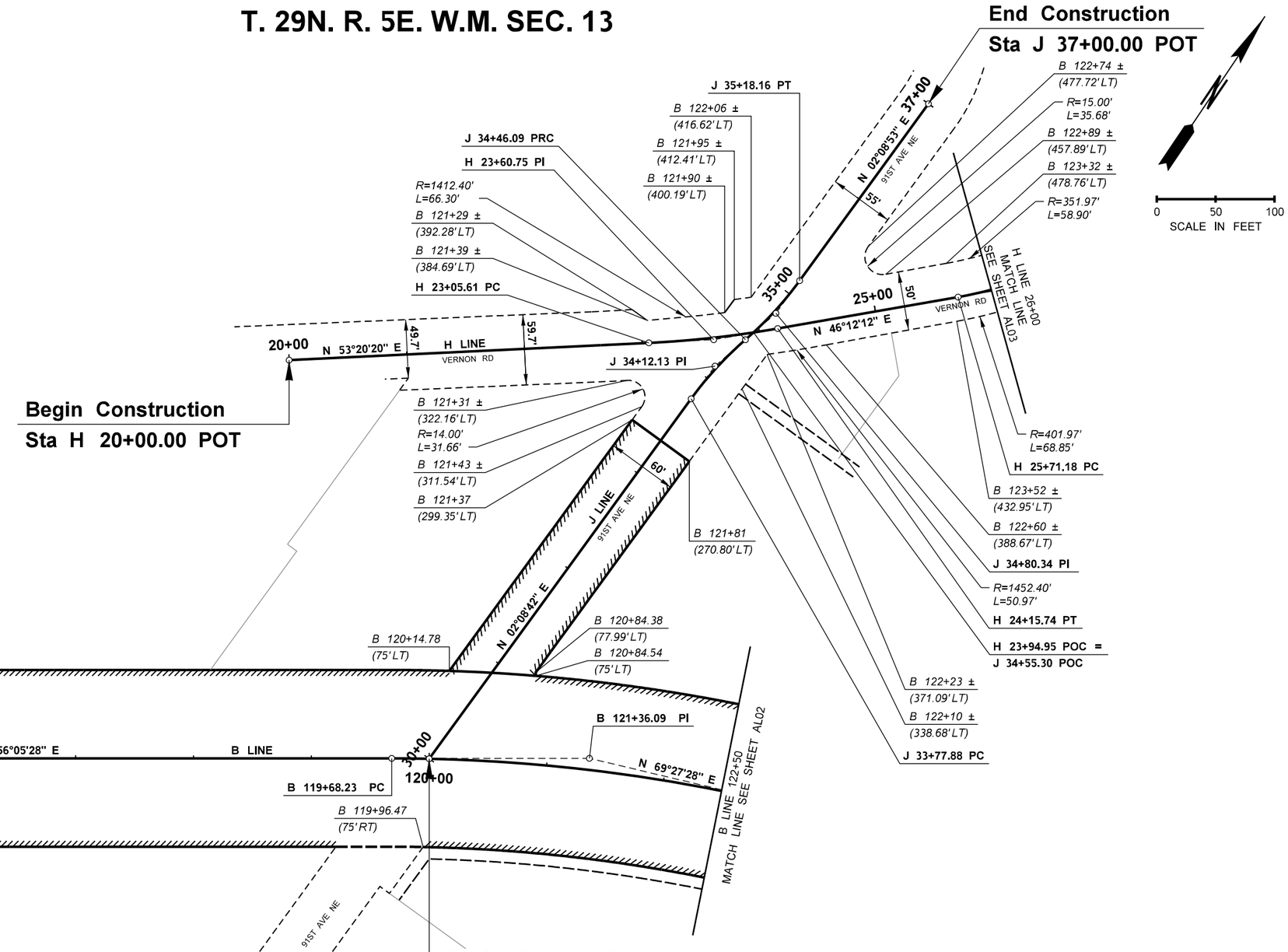
PLAN REF NO
AL04

SHEET
OF
SHEETS

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

CURVE DATA				
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
B 121+36.09	13°22'00" RT	1,432.50'	167.86'	334.19'
H 23+60.75	07°08'08" LT	884.29'	55.14'	110.13'
J 34+12.13	13°01'38" RT	300.00'	34.25'	68.21'
J 34+80.34	13°01'27" LT	300.00'	34.24'	68.19'

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
H 20+00.00	696520.70	1656218.01
J 30+00.00	696306.22	1656505.35
J 37+00.00	697003.98	1656546.95



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

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

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage 3_Y-11834_PS_AL_05.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	4:53:12 PM					10	WASH	
DATE	4/26/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	Z. BROWN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 47024 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

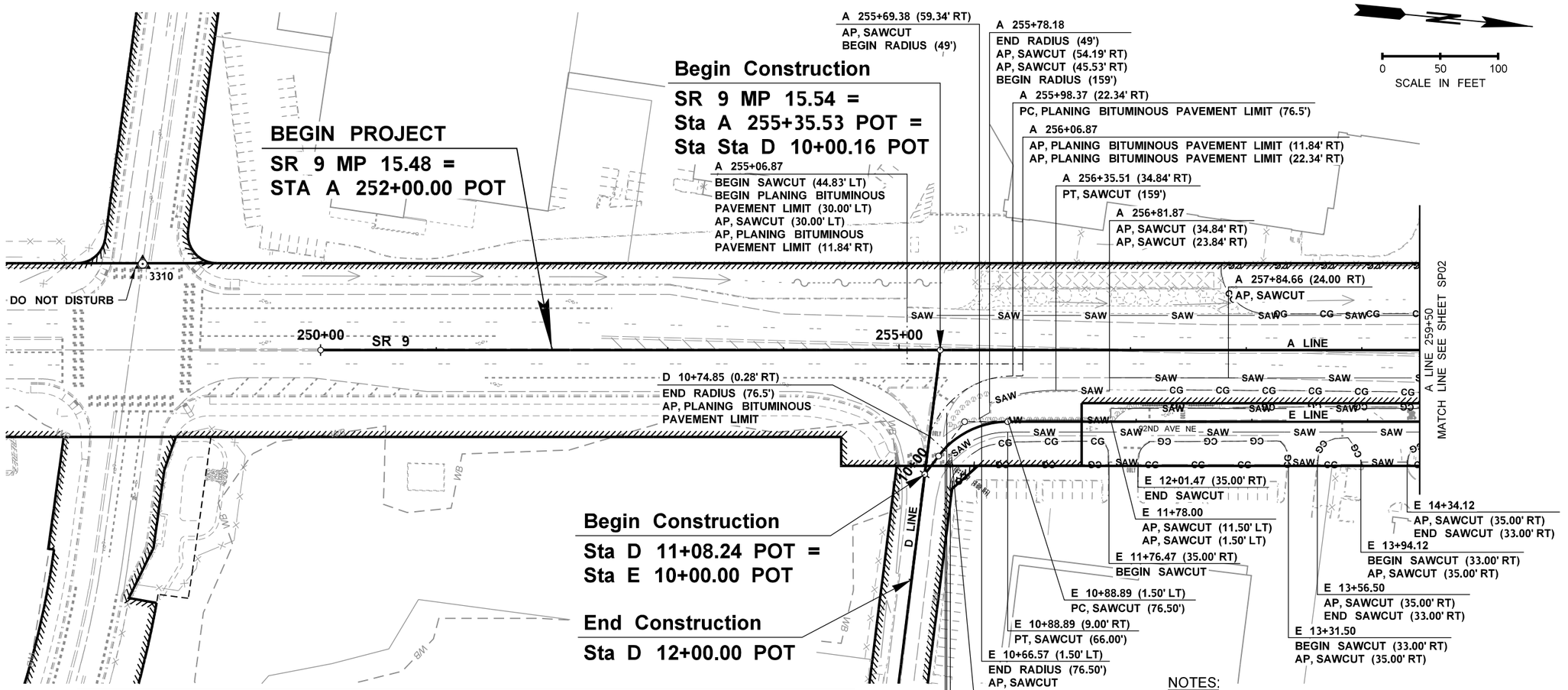
ALIGNMENT PLAN

PLAN REF NO
AL05

SHEET
OF
SHEETS

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

REMOVE GUIDE POST	
STATION	OFFSET
A 255+75	38' RT
A 255+70	40' RT
A 255+64	42' RT
A 255+59	46' RT
A 255+55	49' RT
A 255+51	54' RT
A 255+47	59' RT
A 255+44	64' RT
E 10+46	10' LT
E 10+51	9' LT
E 10+56	8' LT
E 10+62	7' LT
E 10+67	5' LT
E 10+72	4' LT
E 10+78	3' LT
E 10+84	2' LT
E 10+90	2' LT
E 10+96	2' LT
E 11+02	2' LT
E 11+08	2' LT
E 11+14	2' LT
E 11+20	2' LT
E 11+26	2' LT
E 11+32	2' LT
E 11+38	2' LT
E 11+44	2' LT
E 11+50	2' LT
E 11+56	2' LT
E 11+62	2' LT
E 11+69	2' LT
E 11+74	2' LT
E 11+80	3' LT
E 11+84	7' LT
E 11+89	10' LT
E 11+94	13' LT
E 12+00	14' LT
E 12+06	14' LT
E 12+12	14' LT
E 12+18	14' LT
E 12+24	14' LT
E 12+30	14' LT
E 12+36	14' LT
E 12+42	14' LT
E 12+48	14' LT
E 12+54	14' LT
E 12+60	14' LT
E 12+66	14' LT
E 12+72	14' LT



LEGEND

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

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

NOTES:

1. SEE SIGNAL AND ILLUMINATION PLANS FOR ANY SIGNAL RELATED REMOVALS INCLUDING ELECTRICAL AND WIRING.
2. SEE SIGNING PLAN FOR SIGN REMOVALS.
3. "ROADWAY EXCAVATION INCL. HAUL" INCLUDES REMOVAL OF PAVEMENT WITHIN SAWCUT LIMITS
4. SEE ALIGNMENT SHEETS REGARDING ACCESS CONTROL REVISIONS.
5. ALL CLEARING AND GRUBBING SHALL BE OFFSET 1' FROM HIGH VISIBILITY FENCE UNLESS OTHERWISE SHOWN. SEE EROSION CONTROL SHEETS FOR EROSION CONTROL DETAILS.
6. 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.
7. ALL SAWCUTS AROUND CENTRAL AND SPLITTER ISLANDS TO BE A MINIMUM OF 2' FROM FACE OF GUTTER. SEE SHEET RS01 FOR NEW CURB TYPICAL SAWCUT PAVEMENT SECTION DETAIL.
8. SEE DRAINAGE SHEETS FOR DRAINAGE REMOVALS.

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage_3_Y-11834_PS_SP_01.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	10:02:09 PM					10	WASH	
DATE	4/27/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	Z. BROWN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN STATE OF WASHINGTON 21624 REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

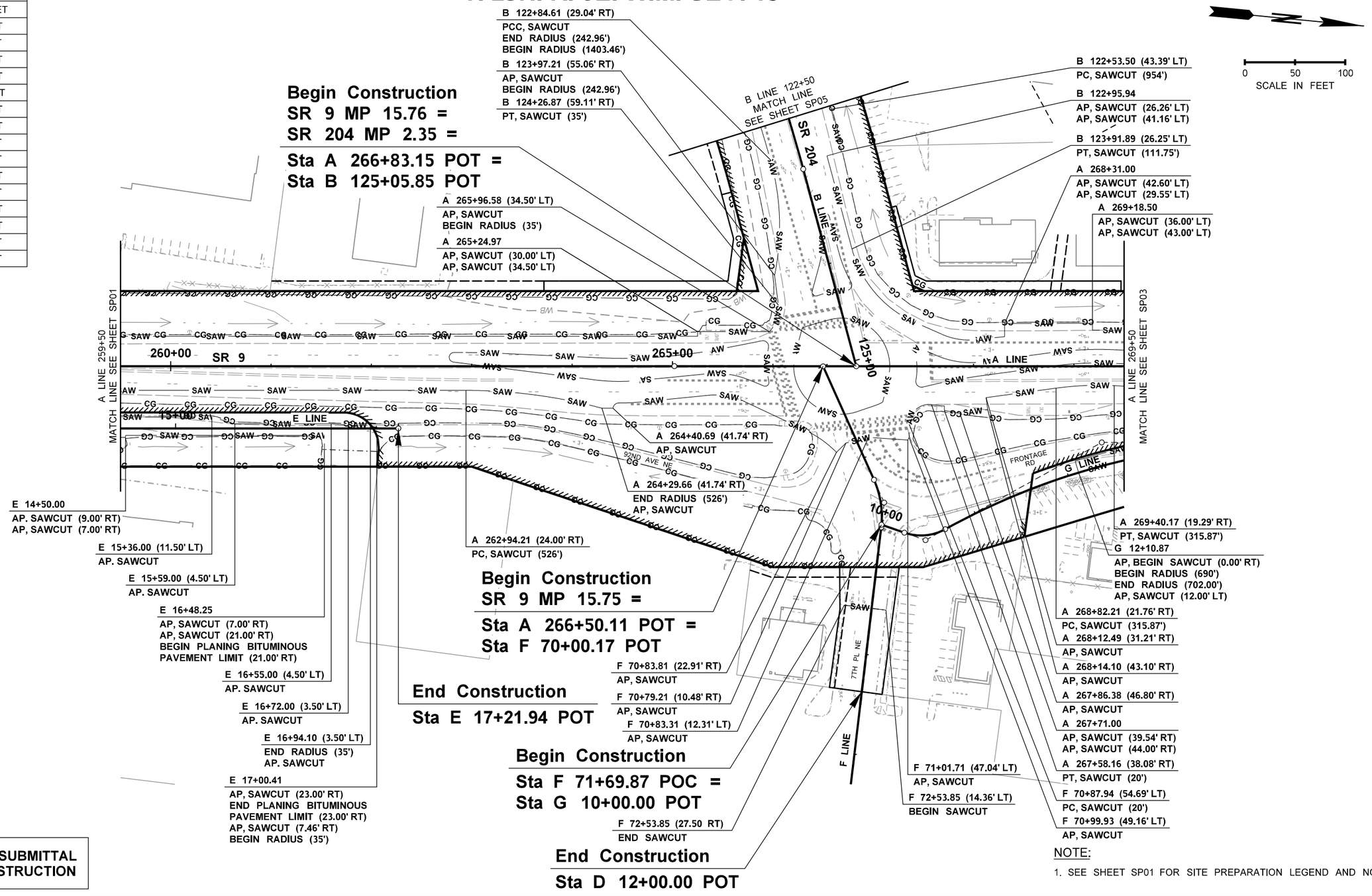
SITE PREPARATION PLAN

PLAN REF NO
SP01

SHEET
OF
SHEETS

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

REMOVE GUIDE POST	
STATION	OFFSET
A 260+17	41' RT
A 260+19	34' LT
A 264+87	61' RT
A 265+74	60' RT
A 266+13	104' RT
A 267+46	62' RT
A 268+02	87' RT
A 268+16	46' LT
A 269+05	46' LT
A 269+34	51' RT
B 123+97	42' LT
B 124+16	63' RT
B 124+21	64' RT
B 124+23	47' LT
B 124+51	68' LT



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

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

FILE NAME	c:\pw_working\wastate\p0024020\dms08802\Stage_3_Y-11834_PS_SP_02.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	10:02:28 PM					10	WASH	
DATE	4/27/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	Z. BROWN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

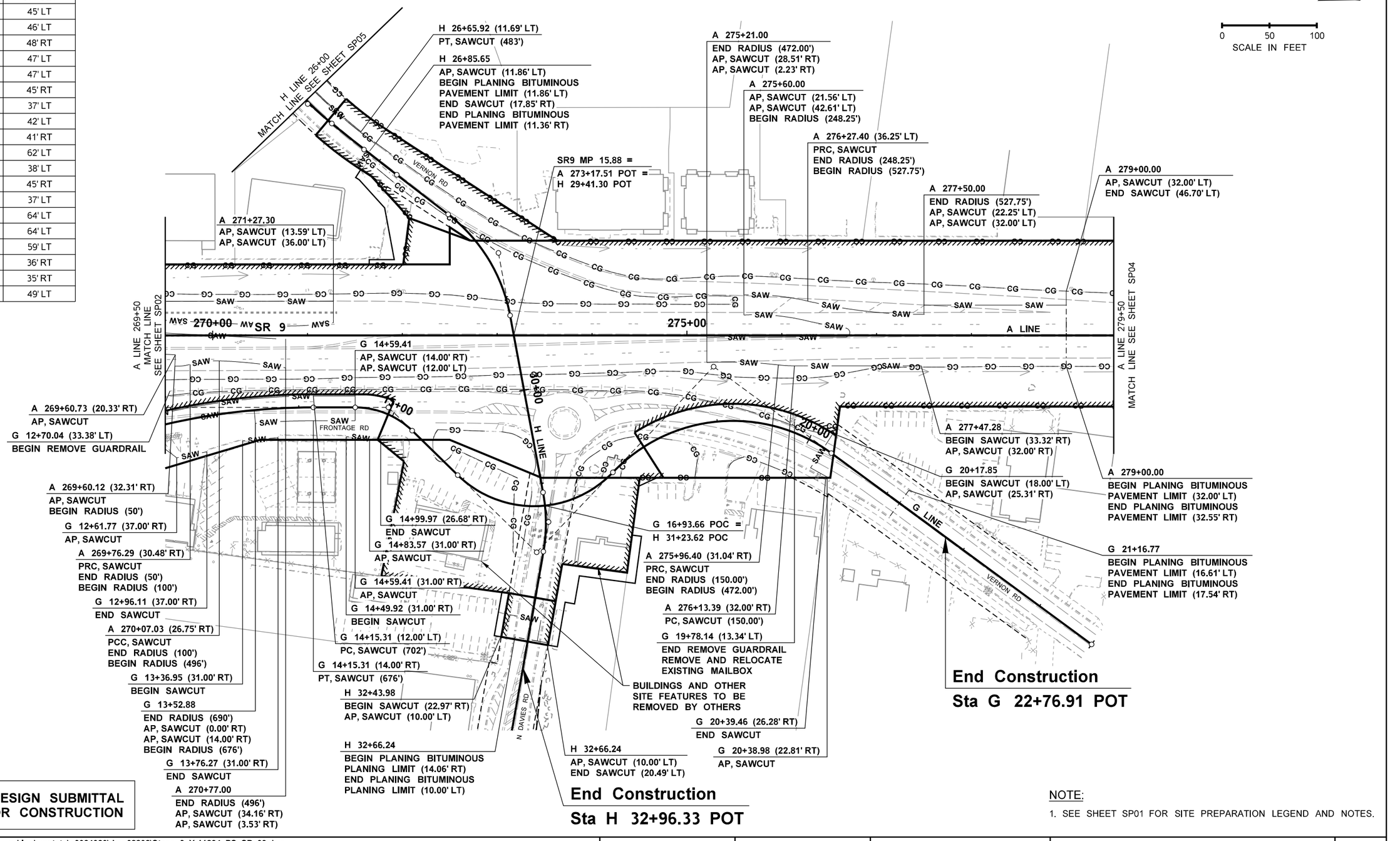
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

SITE PREPARATION PLAN

PLAN REF NO
SP02
SHEET
OF
SHEETS

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

REMOVE GUIDE POST	
STATION	OFFSET
A 270+25	45' LT
A 271+24	46' LT
A 271+24	48' RT
A 271+96	47' LT
A 272+01	47' LT
A 272+72	45' RT
A 273+27	37' LT
A 274+33	42' LT
A 274+56	41' RT
A 274+88	62' LT
A 274+89	38' LT
A 275+42	45' RT
A 275+48	37' LT
A 275+90	64' LT
A 275+94	64' LT
A 276+97	59' LT
A 277+03	36' RT
A 278+96	35' RT
A 279+05	49' LT



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

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

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage_3_Y-11834_PS_SP_03.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	6:15:29 PM					10	WASH	
DATE	5/2/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	Z. BROWN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21622 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State
Department of Transportation

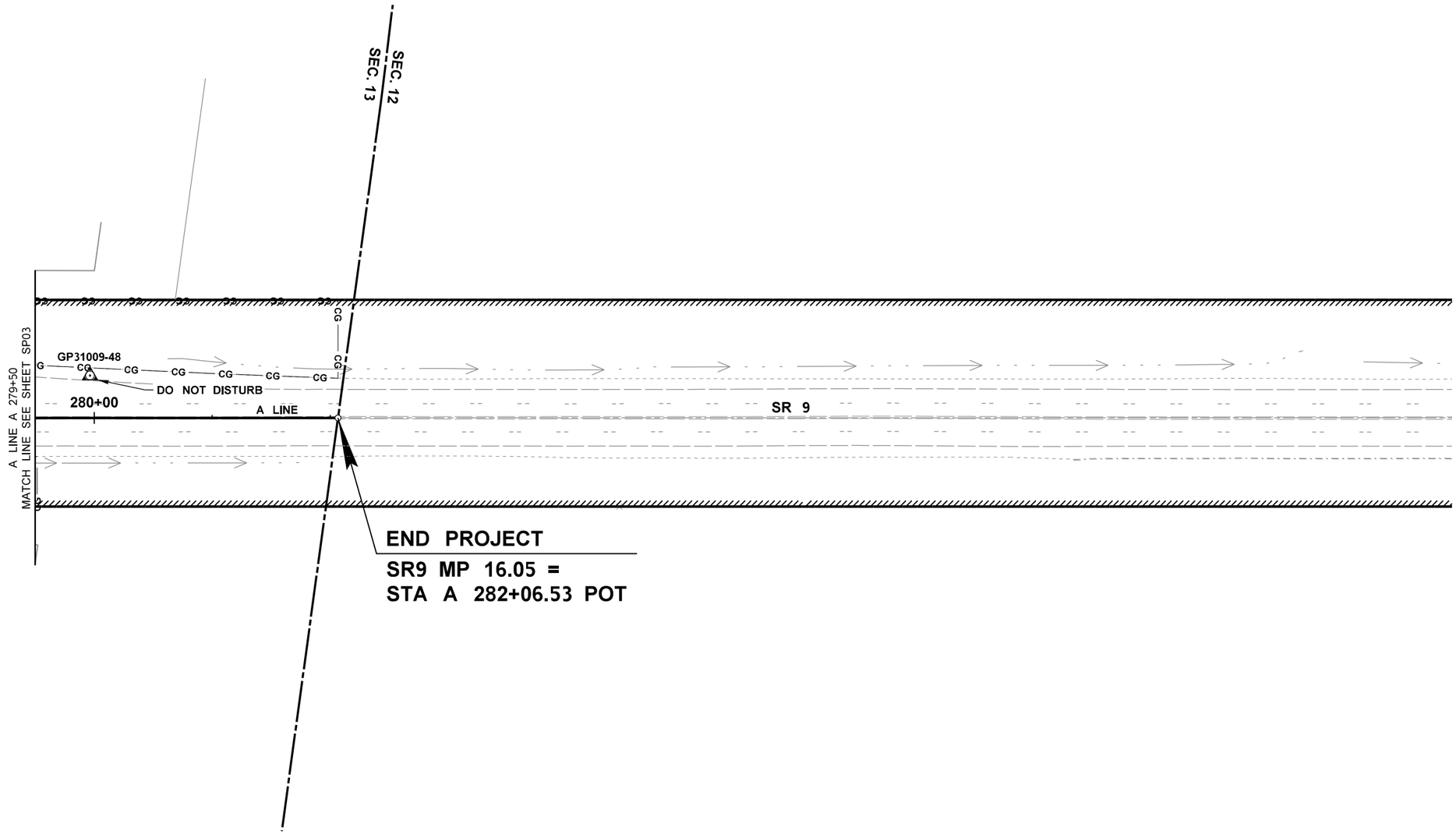
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 3)

SITE PREPARATION PLAN

PLAN REF NO
SP03

SHEET
OF
SHEETS

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



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

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

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage 3_Y-11834_PS_SP_04.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	10:03:01 PM					10	WASH	
DATE	4/27/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	Z. BROWN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 22703 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State
Department of Transportation

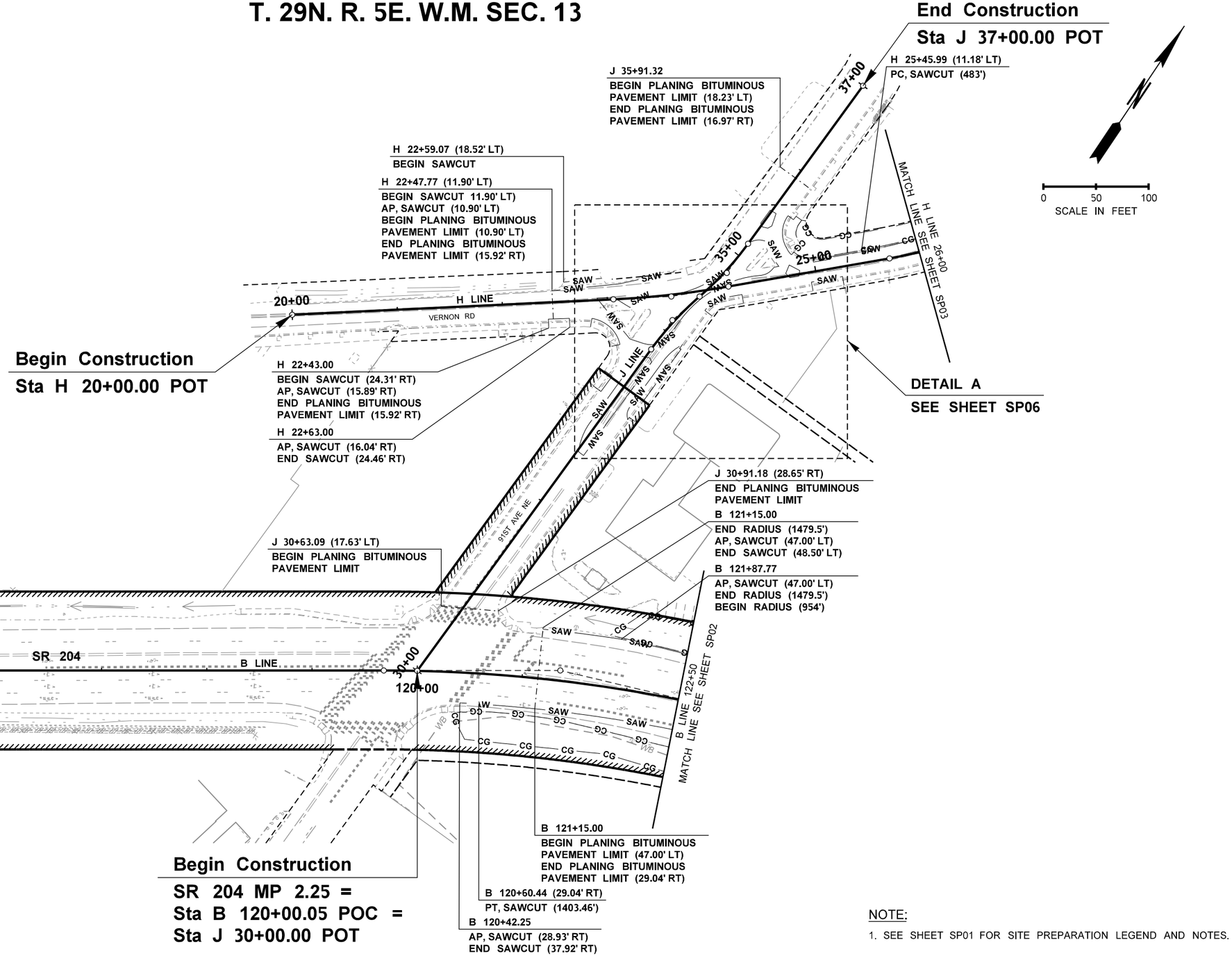
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 3)

SITE PREPARATION PLAN

PLAN REF NO
SP04
SHEET
OF
SHEETS

REMOVE GUIDE POST	
STATION	OFFSET
B 121+45	52' LT
B 122+13	46' RT

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



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

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

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TIME	10:03:20 PM					10	WASH	
DATE	4/27/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN							
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	Z. BROWN					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21762 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

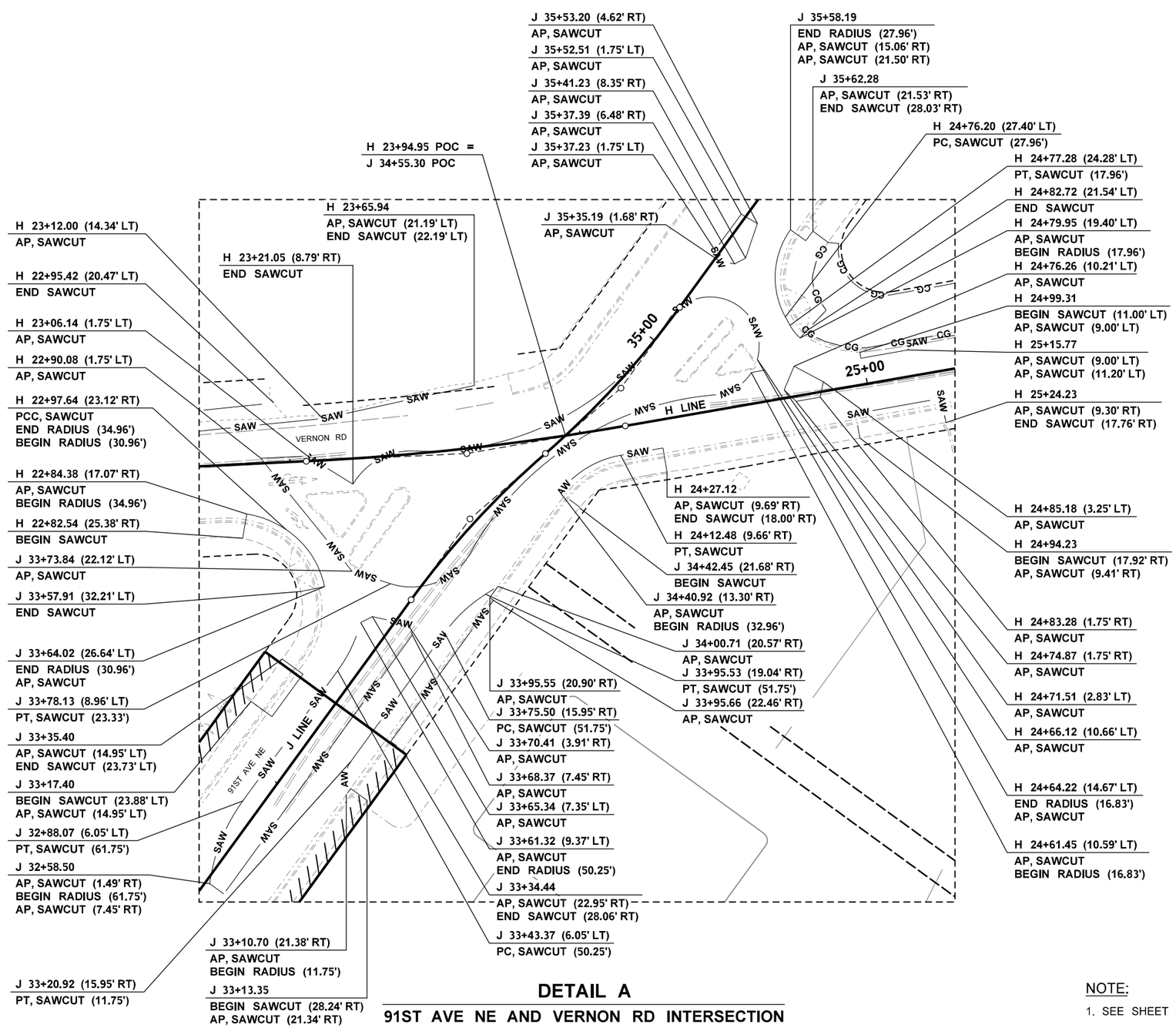
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

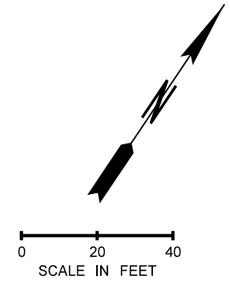
SITE PREPARATION PLAN

PLAN REF NO
SP05

SHEET
OF
SHEETS

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





100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

DETAIL A

91ST AVE NE AND VERNON RD INTERSECTION

NOTE:

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

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage_3_Y-11834_PS_SP_06.dgn					REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	10:03:35 PM					JOB NUMBER		
DATE	4/27/2021					CONTRACT NO.		LOCATION NO.
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN							
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	Z. BROWN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 47702A — REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX — DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

SITE PREPARATION PLAN

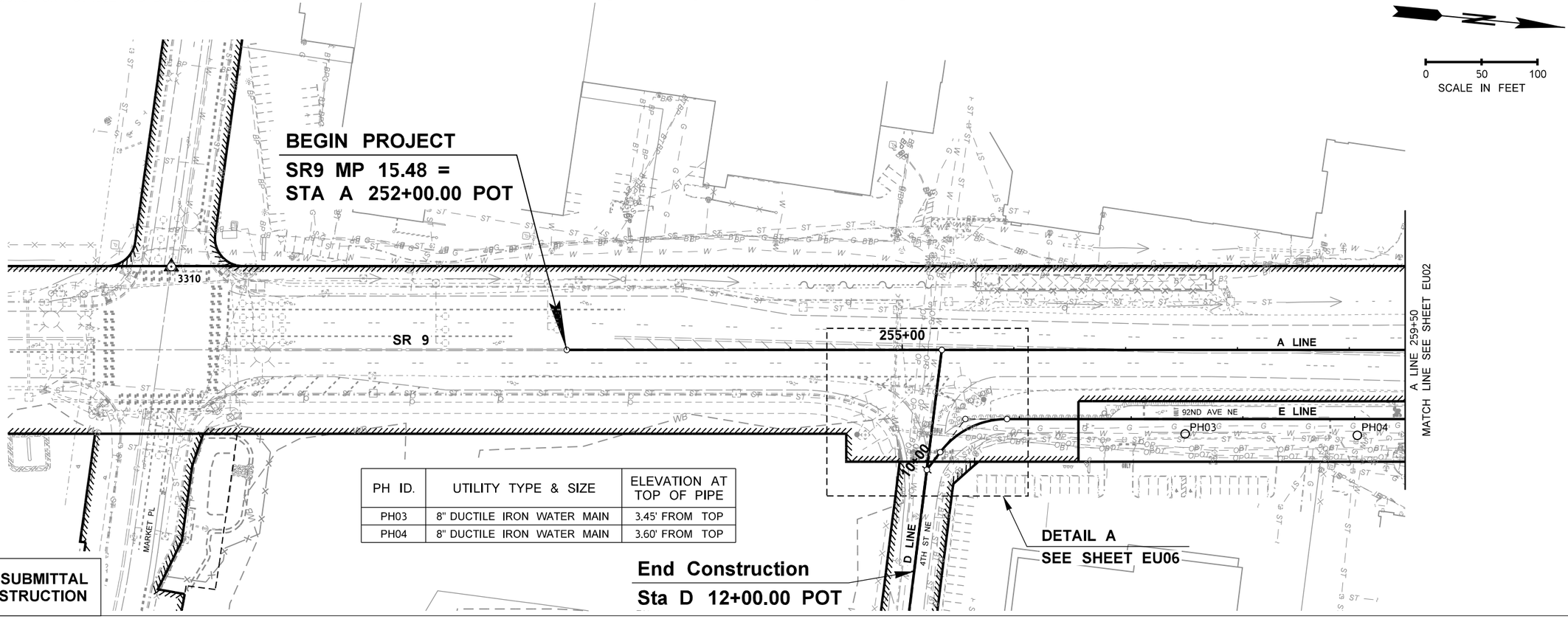
PLAN REF NO SP06

SHEET OF SHEETS

NOTES:

1. SEE SPECIAL PROVISIONS FOR POTHOLE AND BOREHOLE LOGS.

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



PH ID.	UTILITY TYPE & SIZE	ELEVATION AT TOP OF PIPE
PH03	8" DUCTILE IRON WATER MAIN	3.45' FROM TOP
PH04	8" DUCTILE IRON WATER MAIN	3.60' FROM TOP

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

LEGEND

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

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08814\Stage_3_Y-11834_PS_EU_01.dgn					REGION NO.	STATE
TIME	10:09:36 PM					10	WASH
DATE	4/22/2021					JOB NUMBER	FED.AID PROJ.NO.
PLOTTED BY	p0024020						
DESIGNED BY	G. SIEBERS						
ENTERED BY	K. MCWILLIAMS						
CHECKED BY	M. OCHOA					CONTRACT NO.	LOCATION NO.
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY		

ZACHARY R. BROWN — STATE OF WASHINGTON — 21629 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

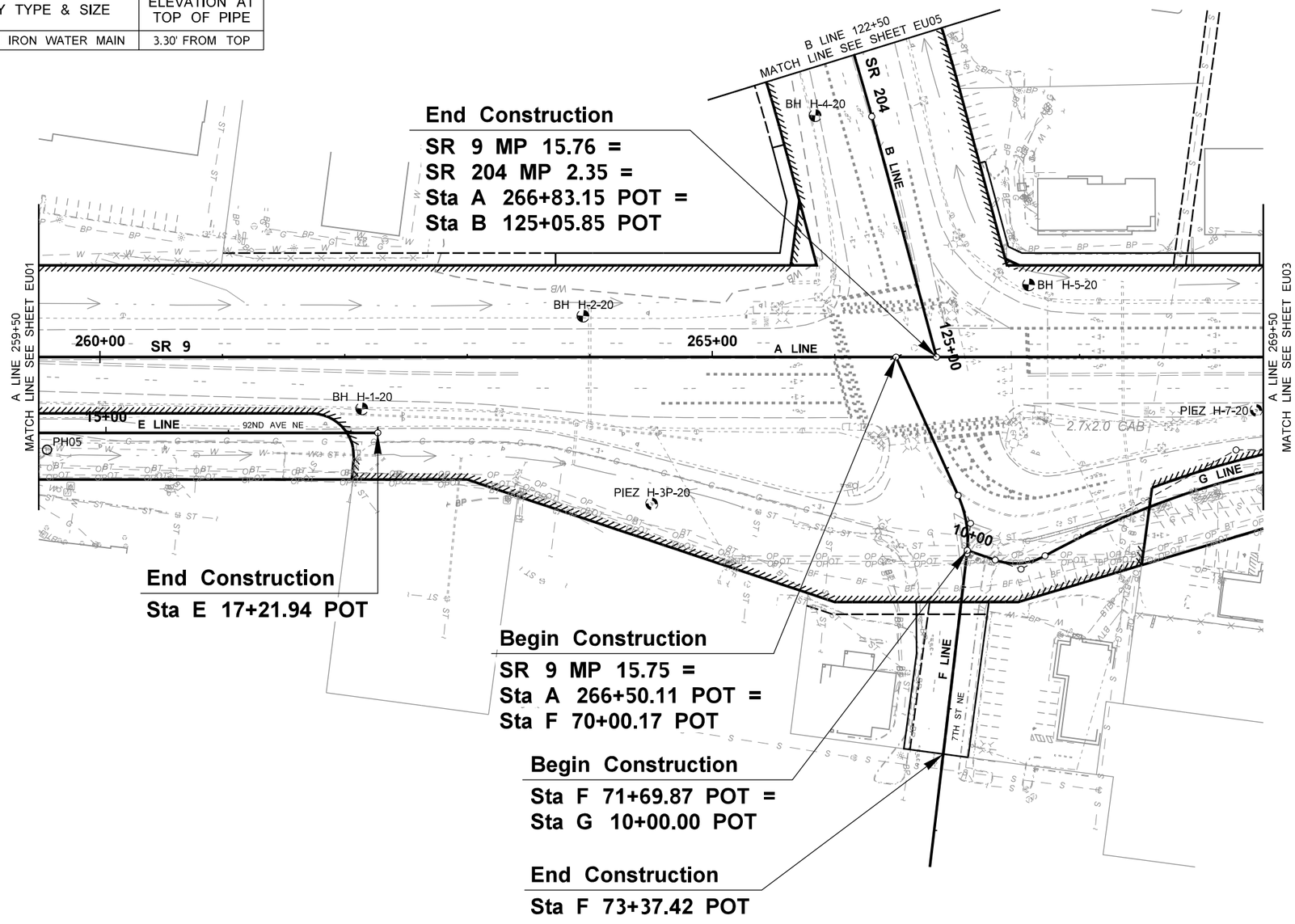
EXISTING UTILITY PLAN

PLAN REF NO
EU01

SHEET
OF
SHEETS

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

PH ID.	UTILITY TYPE & SIZE	ELEVATION AT TOP OF PIPE
PH05	8" DUCTILE IRON WATER MAIN	3.30' FROM TOP



0 50 100
SCALE IN FEET

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

1. SEE SHEET EU01 FOR EXISTING UTILITY PLAN GENERAL NOTES AND LEGEND.

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08814\Stage_3_Y-11834_PS_EU_02.dgn					REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	8:19:53 PM					JOB NUMBER		
DATE	4/25/2021					CONTRACT NO.		LOCATION NO.
PLOTTED BY	p0024020							
DESIGNED BY	G. SIEBERS							
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	M. OCHOA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21622 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

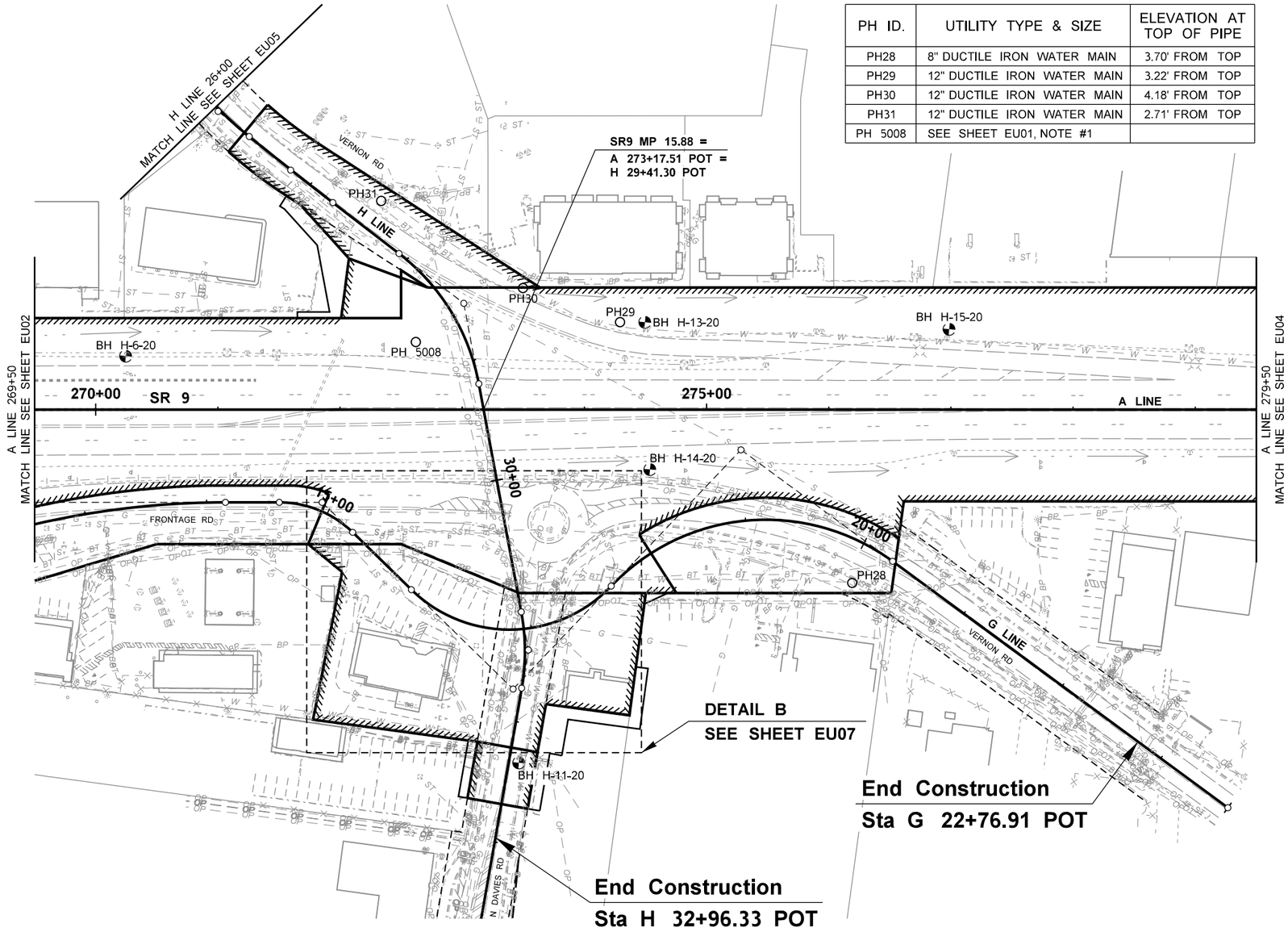
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

EXISTING UTILITY PLAN

PLAN REF NO
EU02
SHEET
OF
SHEETS

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

PH ID.	UTILITY TYPE & SIZE	ELEVATION AT TOP OF PIPE
PH28	8" DUCTILE IRON WATER MAIN	3.70' FROM TOP
PH29	12" DUCTILE IRON WATER MAIN	3.22' FROM TOP
PH30	12" DUCTILE IRON WATER MAIN	4.18' FROM TOP
PH31	12" DUCTILE IRON WATER MAIN	2.71' FROM TOP
PH 5008	SEE SHEET EU01, NOTE #1	



0 50 100
SCALE IN FEET

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

1. SEE SHEET EU01 FOR EXISTING UTILITY PLAN GENERAL NOTES AND LEGEND.

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08814\Stage 3_Y-11834_PS_EU_03.dgn					REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	8:20:07 PM							
DATE	4/25/2021							
PLOTTED BY	p0024020					JOB NUMBER		
DESIGNED BY	G. SIEBERS							
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	M. OCHOA					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 54176 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

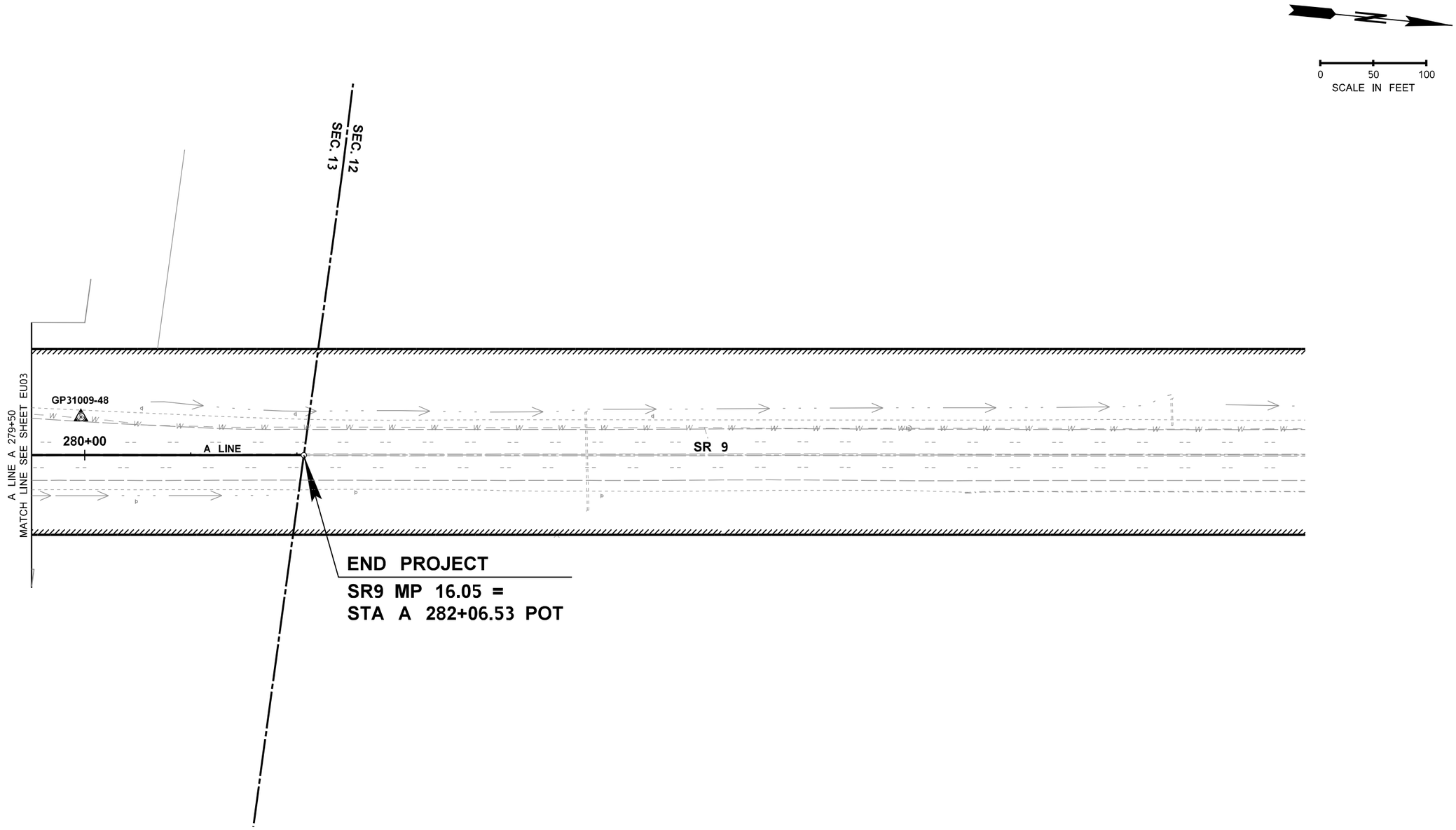
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

EXISTING UTILITY PLAN

PLAN REF NO
EU03

SHEET
OF
SHEETS

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



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

1. SEE SHEET EU01 FOR EXISTING UTILITY PLAN GENERAL NOTES AND LEGEND.

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08814\Stage 3_Y-11834_PS_EU_04.dgn					REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	10:10:23 PM					JOB NUMBER		
DATE	4/22/2021							
PLOTTED BY	p0024020							
DESIGNED BY	G. SIEBERS							
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	M. OCHOA					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 22703 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

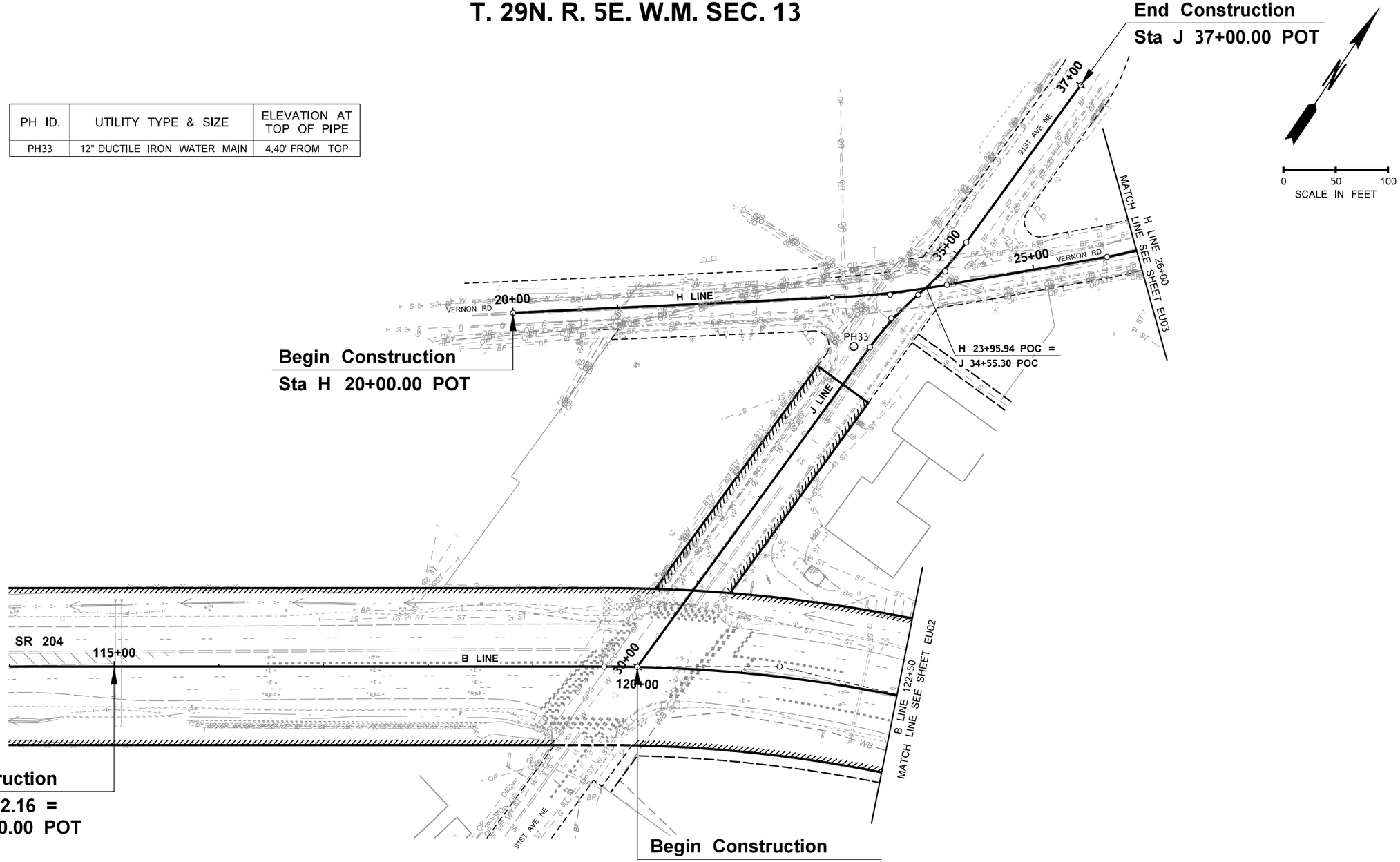
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

EXISTING UTILITY PLAN

PLAN REF NO
EU04
SHEET
OF
SHEETS

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

PH ID.	UTILITY TYPE & SIZE	ELEVATION AT TOP OF PIPE
PH33	12" DUCTILE IRON WATER MAIN	4.40' FROM TOP



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

1. SEE SHEET EU01 FOR EXISTING UTILITY PLAN GENERAL NOTES AND LEGEND.

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08814\Stage 3_Y-11834_PS_EU_05.dgn					REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	10:10:38 PM							
DATE	4/22/2021							
PLOTTED BY	p0024020					JOB NUMBER		
DESIGNED BY	G. SIEBERS							
ENTERED BY	K. MCWILLIAMS					CONTRACT NO.		LOCATION NO.
CHECKED BY	M. OCHOA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

EXISTING UTILITY PLAN

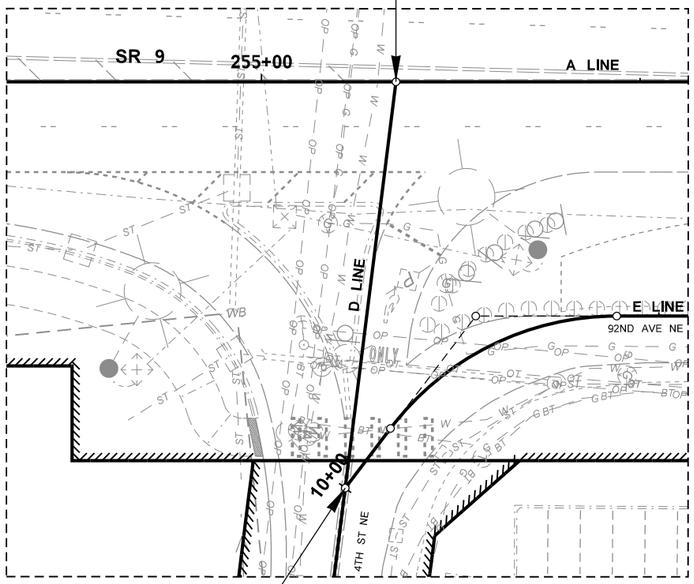
PLAN REF NO
EU05

SHEET
OF
SHEETS

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

0 20 40
SCALE IN FEET

Begin Construction
SR 9 MP 15.54
Sta A 255+35.53 POT =
Sta D 10+00.16 POT



Begin Construction
Sta D 11+08.24 POT =
Sta E 10+00.00 POT

DETAIL A
SR 9, 4TH ST NE AND 92ND AVE NE INTERSECTION

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

1. SEE SHEET EU01 FOR EXISTING UTILITY PLAN GENERAL NOTES AND LEGEND.

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08814\Stage 3_Y-11834_PS_EU_06.dgn							
TIME	10:35:46 PM					REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	4/22/2021							
PLOTTED BY	p0024020					JOB NUMBER		
DESIGNED BY	G. SIEBERS							
ENTERED BY	M. CALDWELL					CONTRACT NO.		LOCATION NO.
CHECKED BY	M. OCHOA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21753 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

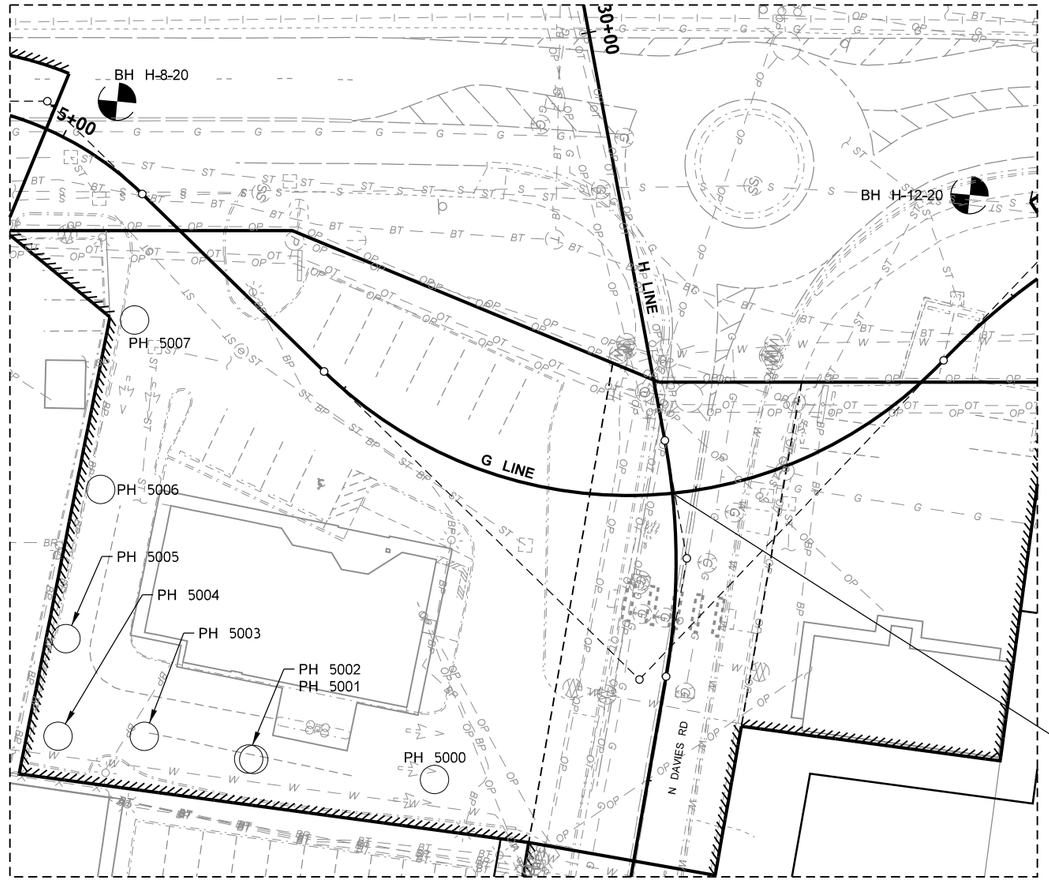
EXISTING UTILITY PLAN

PLAN REF NO
EU06

SHEET
OF
SHEETS

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

PH ID.	UTILITY TYPE & SIZE	ELEVATION AT TOP OF PIPE
PH 5000	SEE SHEET EU01, NOTE #1	
PH 5001	SEE SHEET EU01, NOTE #1	
PH 5002	SEE SHEET EU01, NOTE #1	
PH 5003	SEE SHEET EU01, NOTE #1	
PH 5004	SEE SHEET EU01, NOTE #1	
PH 5005	SEE SHEET EU01, NOTE #1	
PH 5006	SEE SHEET EU01, NOTE #1	
PH 5007	SEE SHEET EU01, NOTE #1	



DETAIL B

VERNON RD, FRONTAGE RD AND N DAVIES RD INTERSECTION

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

1. SEE SHEET EU01 FOR EXISTING UTILITY PLAN GENERAL NOTES AND LEGEND.

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08814\Stage 3_Y-11834_PS_EU_07.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	10:11:07 PM					10	WASH	
DATE	4/22/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	G. SIEBERS					CONTRACT NO.		LOCATION NO.
ENTERED BY	M. CALDWELL							
CHECKED BY	M. OCHOA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21624 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

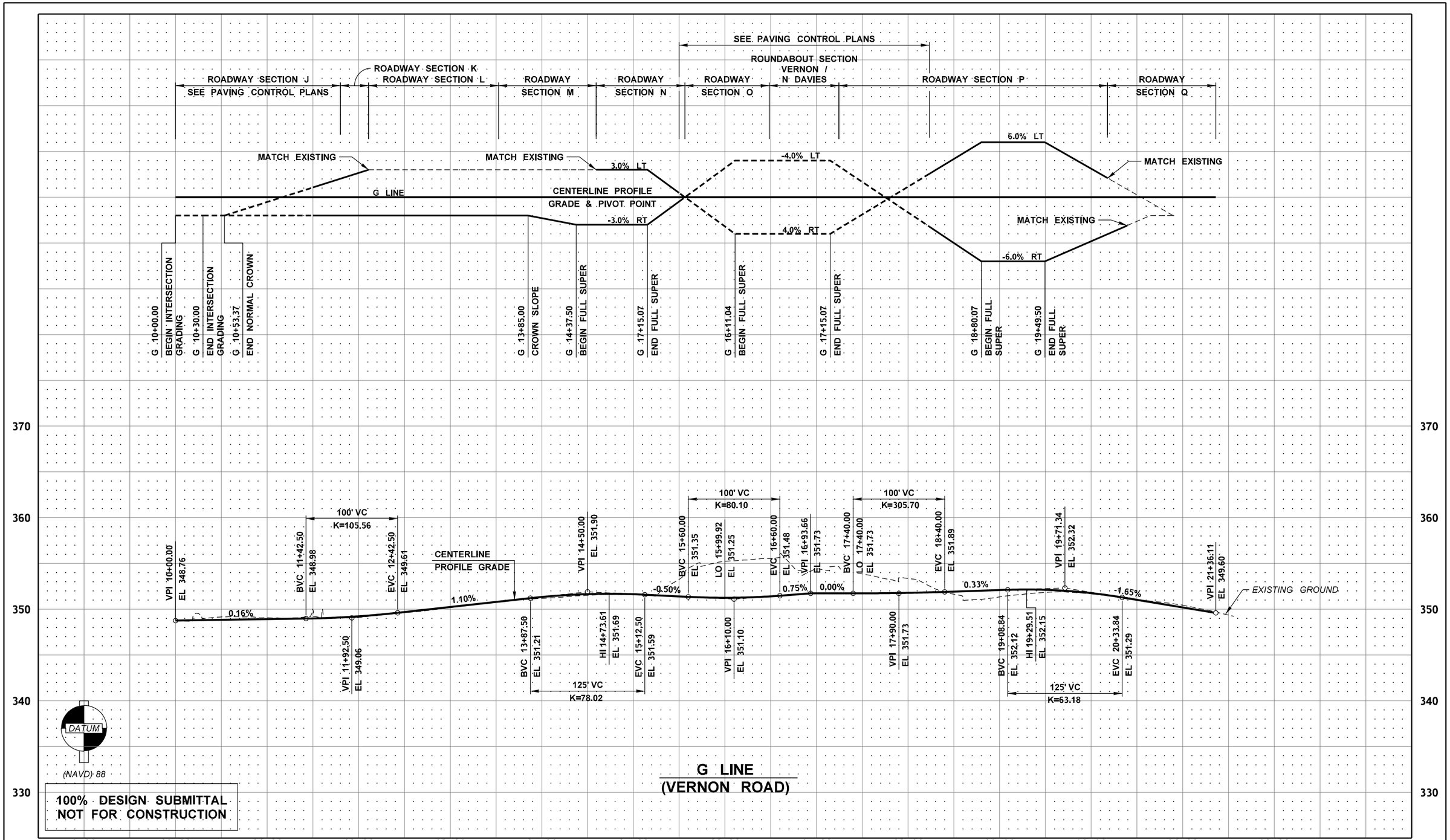
PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

EXISTING UTILITY PLAN

PLAN REF NO
EU07
SHEET
OF
SHEETS



FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage_3_Y-11834_PR_RD_01.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	9:30:47 AM					10	WASH	
DATE	4/18/2021					JOB NUMBER		
PLOTTED BY	p0024020					18A828		
DESIGNED BY	Z. BROWN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

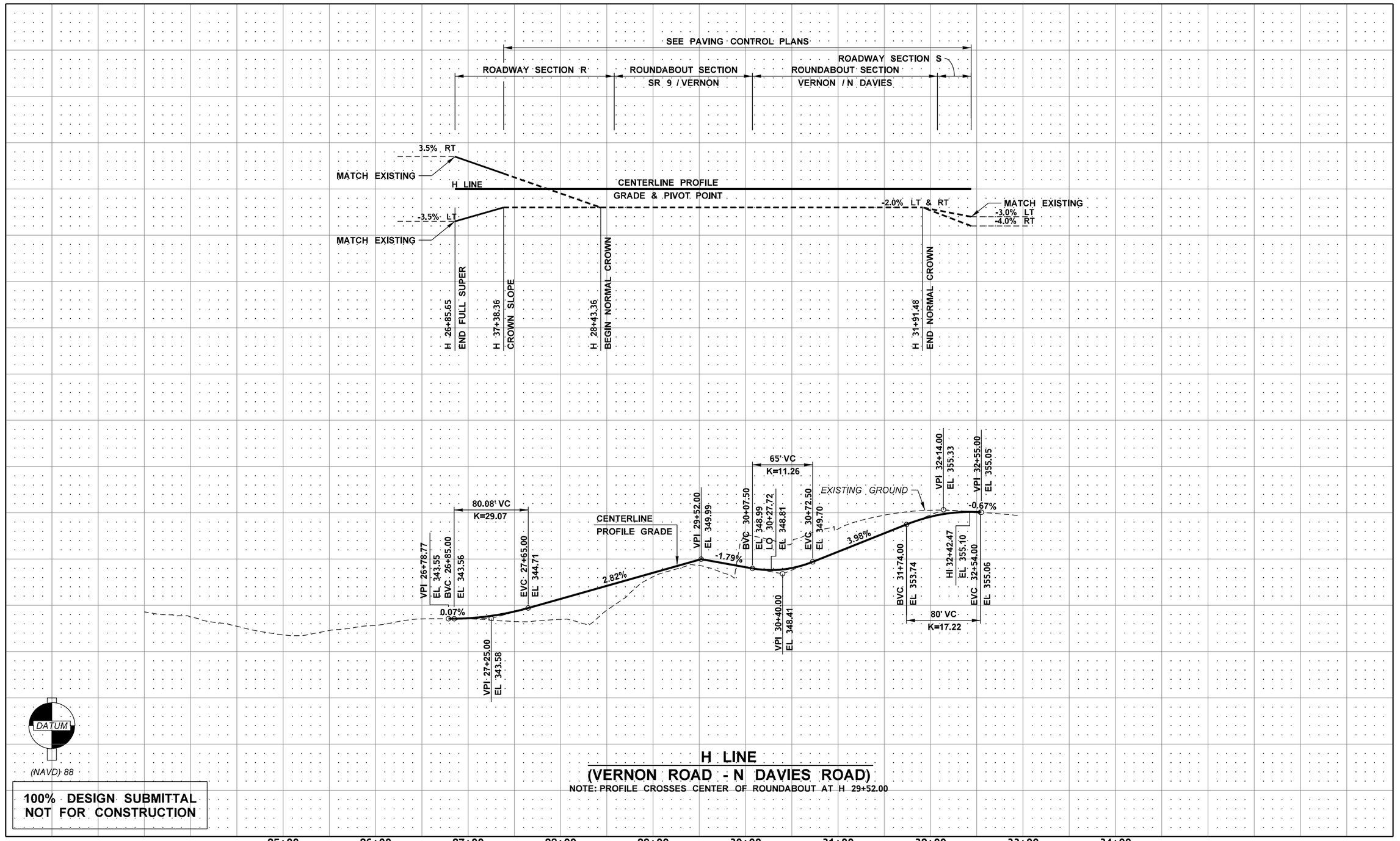
ROADWAY PROFILE

PLAN REF NO RP01

SHEET

OF

SHEETS



H LINE
(VERNON ROAD - N DAVIES ROAD)

NOTE: PROFILE CROSSES CENTER OF ROUNDABOUT AT H 29+52.00

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

FILE NAME	c:\pw_working\wastate\p0024020\dms08802\Stage 3_Y-11834_PR_RD_02.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	9:30:58 AM					10	WASH	
DATE	4/18/2021					JOB NUMBER		
PLOTTED BY	p0024020					18A828		
DESIGNED BY	Z. BROWN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 47628 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

ROADWAY PROFILE

PLAN REF NO
RP02

SHEET
OF
SHEETS

SR 9 GORE AREA
SEE PV SHEETS

SINGLE LANE
NORTHBOUND

DEVELOPMENT OF
SOUTHBOUND LANE

DRIVEWAY
SEE PV SHEETS

E LINE

CENTERLINE PROFILE
GRADE & PIVOT POINT

1.5% LT

-1.5% RT

VPI 10+00.00
EL 357.47

-1.04%

VPI 11+30.58
EL 356.11

CENTERLINE
PROFILE GRADE

EXISTING GROUND

-1.18%

VPI 16+96.67
EL 349.43

370
360
350
340
330

10+00
11+00
12+00
13+00
14+00
15+00
16+00
17+00

DATUM

(NAVD) 88

E LINE
(92ND AVE NE)

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

FILE NAME	c:\pw_working\wastate\p0024020\dms08802\Stage 3_Y-11834_PR_RD_03.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
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DATE	4/18/2021					JOB NUMBER		
PLOTTED BY	p0024020					18A828		
DESIGNED BY	Z. BROWN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN
STATE OF WASHINGTON
21626
REGISTERED
PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 3)

ROADWAY PROFILE

PLAN REF NO
RP03

SHEET
OF
SHEETS

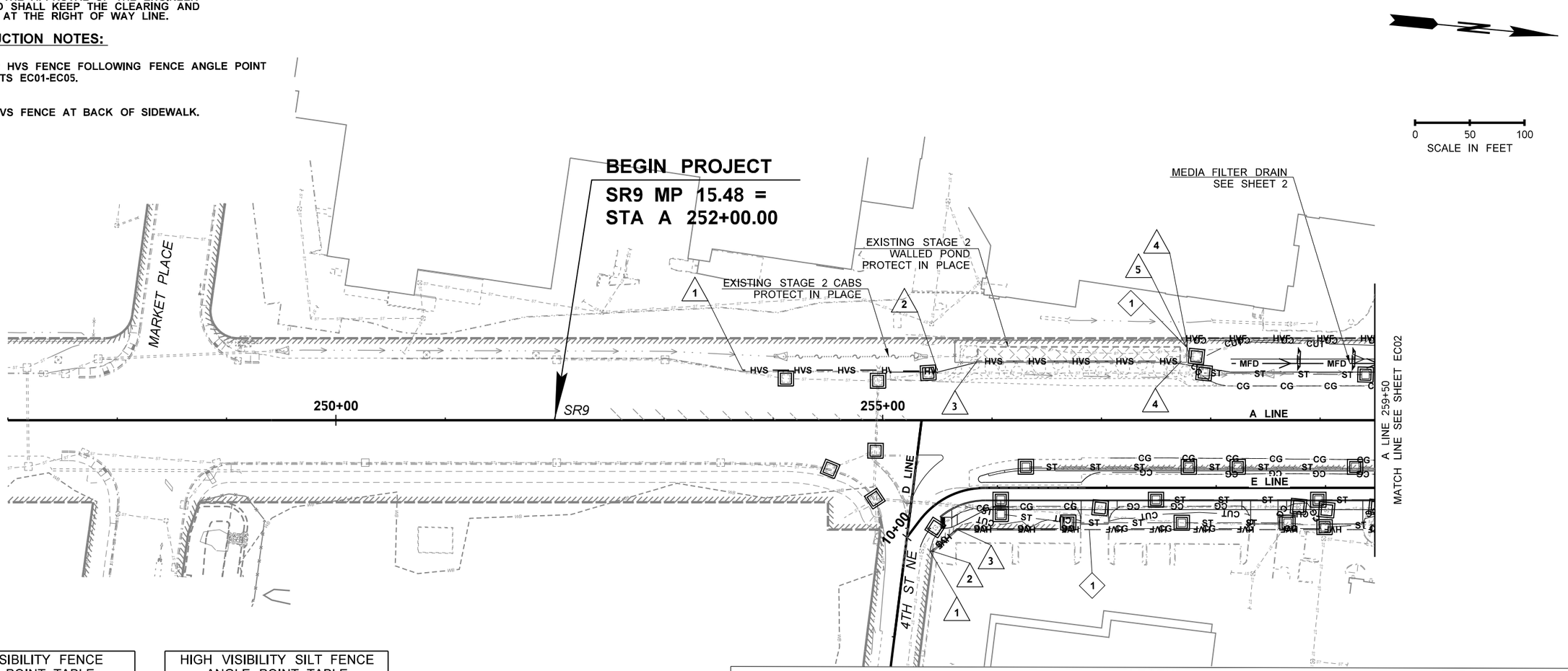
T. 29N. R. 5E. W.M. SEC. 13

NOTES:

1. FOR GENERAL TESC NOTES AND CONSTRUCTION NOTES, 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.

FENCE CONSTRUCTION NOTES:

1. INSTALL HVF OR HVS FENCE FOLLOWING FENCE ANGLE POINT TABLE ON SHEETS EC01-EC05.
2. STOP HVF OR HVS FENCE AT BACK OF SIDEWALK.



HIGH VISIBILITY FENCE ANGLE POINT TABLE	
#	LOCATION
1	A LINE STA 255+43.2 (119.7' RT)
2	A LINE STA 255+45.7 (120.3' RT)
3	A LINE STA 255+68.2 (100.0'RT)
4	A LINE STA 257+77.6 (75.0' LT)
5	A LINE STA 257+77.6 (67.2' LT)

HIGH VISIBILITY SILT FENCE ANGLE POINT TABLE	
#	LOCATION
1	A LINE STA 253+71.87 (45.8' LT)
2	A LINE STA 255+50.24 (45.0' LT)
3	A LINE STA 255+86.24 (54.0' LT)
4	A LINE STA 257+72.93 (54.0' LT)

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

LEGEND

- INLET PROTECTION
- 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
- PLASTIC COVERING
- STABILIZED CONSTRUCTION ENTRANCE
- CG — CLEARING AND GRUBBING BOUNDARY
- ? FENCE CONSTRUCTION NOTE
- WB — EXISTING WETLAND BOUNDARY
- FILL — FILL LINE
- CUT — CUT LINE
- ST — EXISTING STORM SEWER LINE
- MFD — EXISTING MEDIA FILTER DRAIN
- EXISTING R/W
- EXISTING CATCH BASIN
- EXISTING MANHOLE
- EXISTING CULVERT
- EXISTING COMPOST AMENDED BIOFILTRTION SWALE (CABS)
- EXISTING DITCH BOTTOM
- CATCH BASIN OR GRATE INLET
- ST — ST — STORM SEWER LINE
- DITCH BOTTOM
- MFD — MEDIA FILTER DRAIN
- BIOFILTRATION SWALE
- TEMPORARY PIPE

FILE NAME	c:\pw_workIng\wastate\parsons_epw23968\dms08810\Stage_3_Y-11834_PS_EC_01.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
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DATE	4/30/2021					JOB NUMBER		
PLOTTED BY	nicolec					18A828		
DESIGNED BY	N. CHEN					CONTRACT NO.		LOCATION NO.
ENTERED BY	N. CHEN							
CHECKED BY	A. SEETHOFF							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

DATE

P.E. STAMP BOX

PARSONS

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

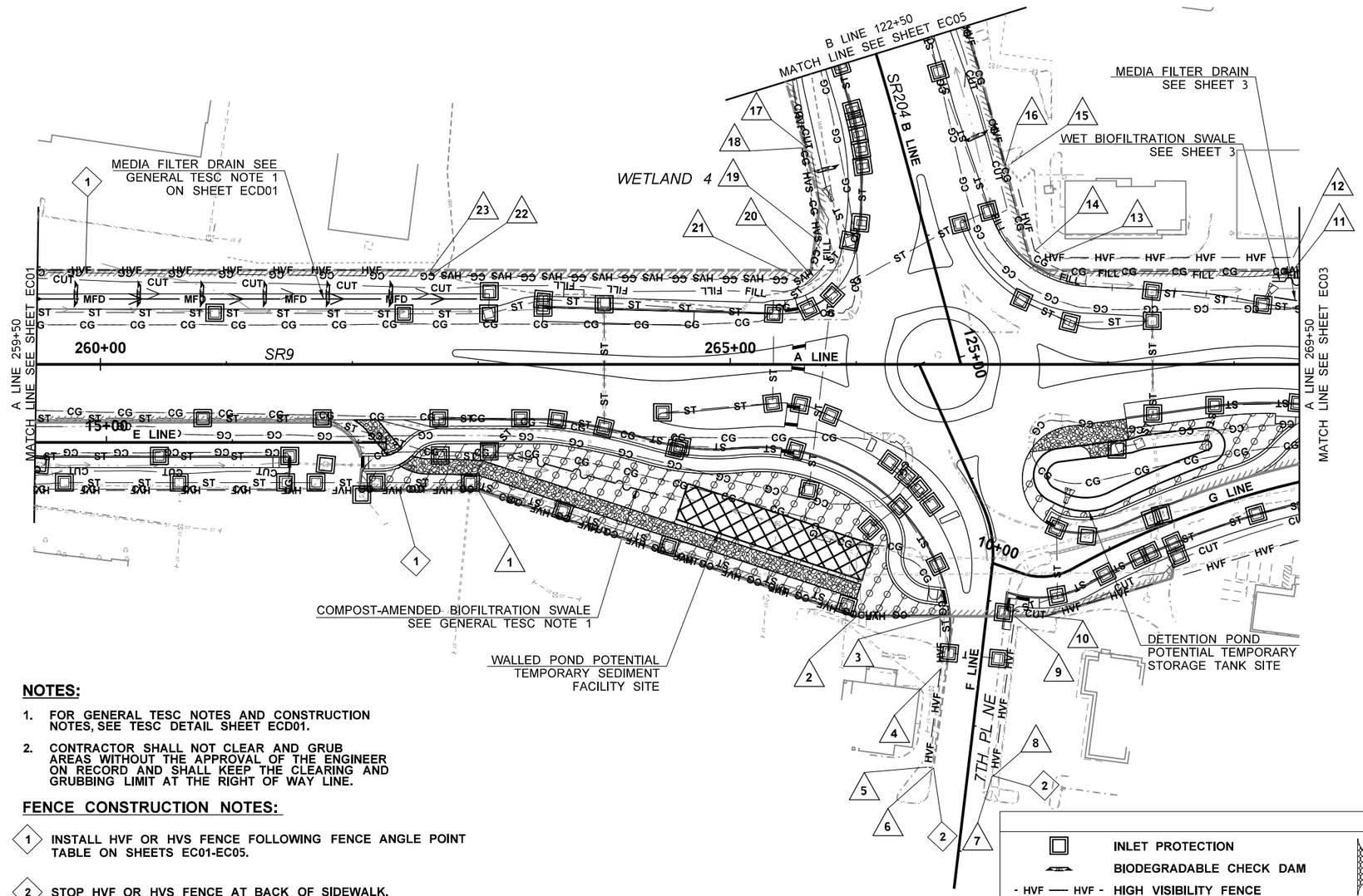
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TESC PLAN

PLAN REF NO
EC01

SHEET
OF
SHEETS

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



HIGH VISIBILITY FENCE ANGLE POINT TABLE	
#	LOCATION
1	A LINE STA 263+00.0 (100.0' RT)
2	A LINE STA 266+00.0 (200.0' RT)
3	A LINE STA 266+66.7 (200.0' RT)
4	A LINE STA 266+66.9 (242.0' RT)
5	A LINE STA 266+56.5 (319.8' RT)
6	A LINE STA 266+60.0 (320.3' RT)
7	A LINE STA 267+08.0 (326.7' RT)
8	A LINE STA 267+09.0 (326.8' RT)
9	A LINE STA 267+25.9 (199.9' RT)
10	A LINE STA 267+50.0 (200.0' RT)
11	A LINE STA 269+47.0 (75.0' LT)
12	A LINE STA 269+47.0 (85.0' LT)
13	A LINE STA 267+52.9 (85.0' LT)
14	A LINE STA 267+41.7 (90.2' LT)
15	A LINE STA 267+23.0 (159.7' LT)
16	A LINE STA 267+18.2 (158.4' LT)

HIGH VISIBILITY SILT FENCE ANGLE POINT TABLE	
#	LOCATION
17	A LINE STA 265+59.8 (173.7' LT)
18	A LINE STA 265+57.2 (172.0' LT)
19	A LINE STA 265+70.1 (98.1LT)
20	A LINE STA 265+63.1 (72.3LT)
21	A LINE STA 265+56.1 (67.8' LT)
22	A LINE STA 262+62.4 (70.9' LT)
23	A LINE STA 262+62.4 (75.0' LT)

NOTES:

1. FOR GENERAL TESC NOTES AND CONSTRUCTION NOTES, 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.

FENCE CONSTRUCTION NOTES:

1. INSTALL HVF OR HVS FENCE FOLLOWING FENCE ANGLE POINT TABLE ON SHEETS EC01-EC05.
2. STOP HVF OR HVS FENCE AT BACK OF SIDEWALK.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

LEGEND

- INLET PROTECTION
- 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
- PLASTIC COVERING
- STABILIZED CONSTRUCTION ENTRANCE
- CG — CLEARING AND GRUBBING BOUNDARY
- ? FENCE CONSTRUCTION NOTE
- WB — EXISTING WETLAND BOUNDARY
- FILL — FILL LINE
- CUT — CUT LINE
- ST — EXISTING STORM SEWER LINE
- MFD — EXISTING MEDIA FILTER DRAIN
- EXISTING R/W
- EXISTING CATCH BASIN
- EXISTING MANHOLE
- EXISTING CULVERT
- EXISTING COMPOST AMENDED BIOFILTRTION SWALE (CABS)
- EXISTING DITCH BOTTOM
- CATCH BASIN OR GRATE INLET
- ST — ST — STORM SEWER LINE
- DITCH BOTTOM
- MFD — MEDIA FILTER DRAIN
- BIOFILTRATION SWALE
- TEMPORARY PIPE

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TIME	4:29:36 PM					10 WASH	
DATE	4/30/2021					JOB NUMBER	
PLOTTED BY	nicolec					18A828	
DESIGNED BY	N. CHEN					CONTRACT NO.	LOCATION NO.
ENTERED BY	N, CHEN						
CHECKED BY	A. SEETHOFF						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY		

STATE OF WASHINGTON — STEVEN S. CONNOR — 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 3)

TESC PLAN

PLAN REF NO
EC02

SHEET
OF
SHEETS

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

NOTES:

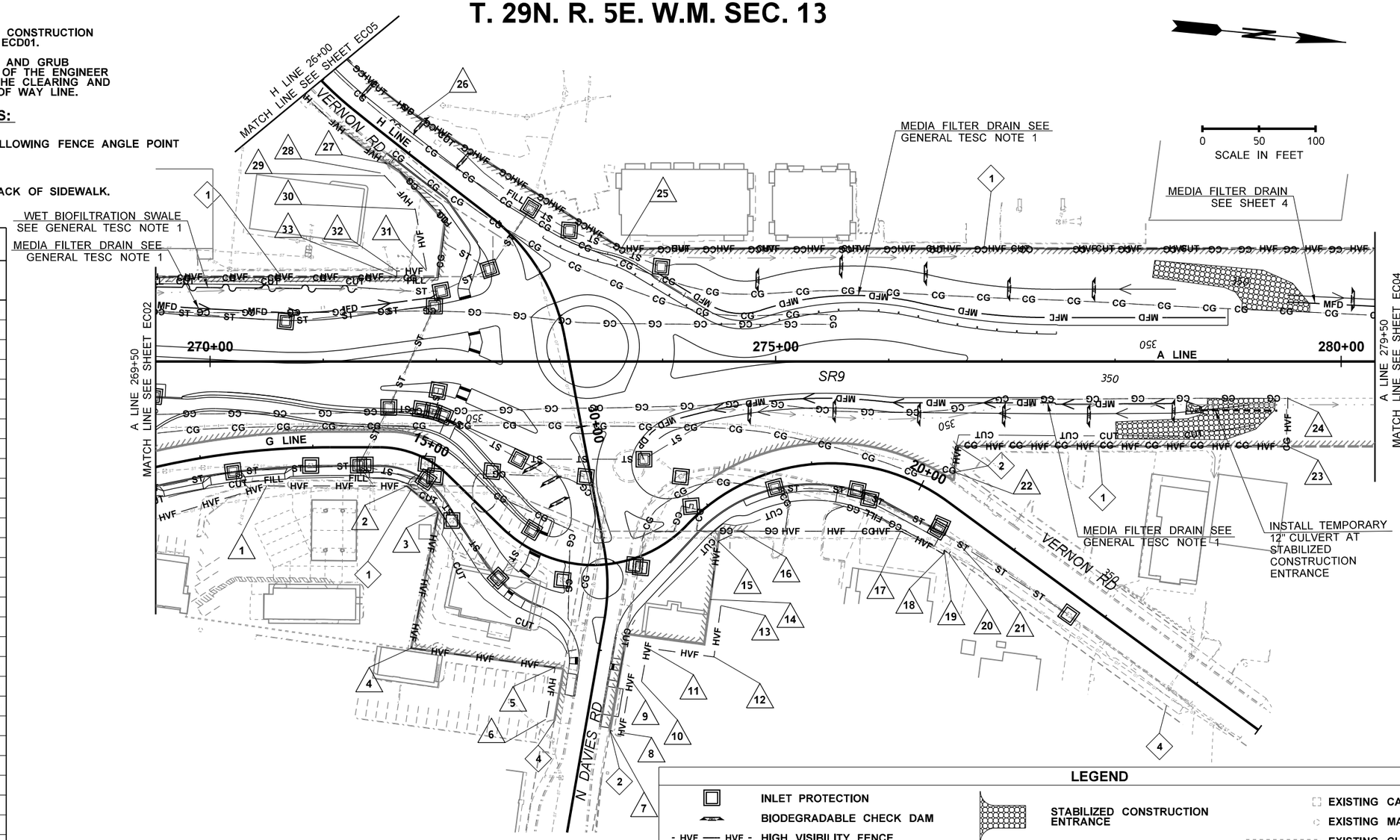
1. FOR GENERAL TESC NOTES AND CONSTRUCTION NOTES, SEE TESC DETAIL SHEET ECD01.
2. CONTRACTOR SHALL NOT CLEAR AND GRUB AREAS WITHOUT THE APPROVAL OF THE ENGINEER ON RECORD AND SHALL KEEP THE CLEARING AND GRUBBING LIMIT AT THE RIGHT OF WAY LINE.

FENCE CONSTRUCTION NOTES:

1. INSTALL HVF OR HVS FENCE FOLLOWING FENCE ANGLE POINT TABLE ON SHEETS EC01-EC05.
2. STOP HVF OR HVS FENCE AT BACK OF SIDEWALK.

HIGH VISIBILITY FENCE ANGLE POINT TABLE	
#	LOCATION
1	A LINE STA 270+50.0 (110.0' RT)
2	A LINE STA 271+73.8 (110.0' RT)
3	A LINE STA 272+01.8 (132.8' RT)
4	A LINE STA 271+77.8 (253.5' RT)
5	A LINE STA 273+05.0 (270.6' RT)
6	A LINE STA 272+96.9 (316.3' RT)
7	A LINE STA 273+53.6 (326.4' RT)
8	A LINE STA 273+63.4 (328.1' RT)
9	A LINE STA 273+71.6 (281.2' RT)
10	A LINE STA 273+81.5 (282.9' RT)
11	A LINE STA 273+86.7 (253.4' RT)
12	A LINE STA 274+45.5 (261.3' RT)
13	A LINE STA 274+52.1 (211.7' RT)
14	A LINE STA 274+42.2 (210.4' RT)
15	A LINE STA 274+49.1 (159.0' RT)
16	A LINE STA 274+69.3 (150.0' RT)
17	A LINE STA 276+10.6 (150.0' RT)
18	A LINE STA 276+48.5 (170.4' RT)
19	A LINE STA 276+49.0 (166.7' RT)
20	A LINE STA 276+53.3 (169.9' RT)
21	A LINE STA 276+60.1 (159.1' RT)
22	A LINE STA 276+58.3 (97.7' RT)
23	A LINE STA 279+52.7 (75.0' RT)
24	A LINE STA 279+52.7 (32.7' RT)
25	A LINE STA 273+63.5 (100.0' LT)
26	A LINE STA 271+84.3 (216.3' LT)
27	A LINE STA 271+56.2 (174.9' LT)
28	A LINE STA 271+50.8 (166.6' LT)
29	A LINE STA 271+54.5 (164.2' RT)
30	A LINE STA 271+81.4 (134.5' LT)
31	A LINE STA 271+91.4 (80.0' LT)
32	A LINE STA 271+65.0 (80.0' LT)
33	A LINE STA 271+65.8 (75.0' LT)

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION



LEGEND

- INLET PROTECTION
- 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
- PLASTIC COVERING
- STABILIZED CONSTRUCTION ENTRANCE
- CG — CLEARING AND GRUBBING BOUNDARY
- ? FENCE CONSTRUCTION NOTE
- WB — EXISTING WETLAND BOUNDARY
- FILL — FILL LINE
- CUT — CUT LINE
- ST — EXISTING STORM SEWER LINE
- MFD — EXISTING MEDIA FILTER DRAIN
- EXISTING R/W
- EXISTING CATCH BASIN
- EXISTING MANHOLE
- EXISTING CULVERT
- EXISTING COMPOST AMENDED BIOFILTRTION SWALE (CABS)
- EXISTING DITCH BOTTOM
- CATCH BASIN OR GRATE INLET
- ST — ST — STORM SEWER LINE
- DITCH BOTTOM
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- BIOFILTRATION SWALE
- TEMPORARY PIPE

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DATE	4/30/2021					JOB NUMBER		
PLOTTED BY	nicolec					18A828		
DESIGNED BY	N.. CHEN					CONTRACT NO.		LOCATION NO.
ENTERED BY	N. CHEN							
CHECKED BY	A. SEETHOFF							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

P.E. STAMP BOX — DATE

PARSONS

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TESC PLAN

PLAN REF NO EC03

SHEET OF SHEETS

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

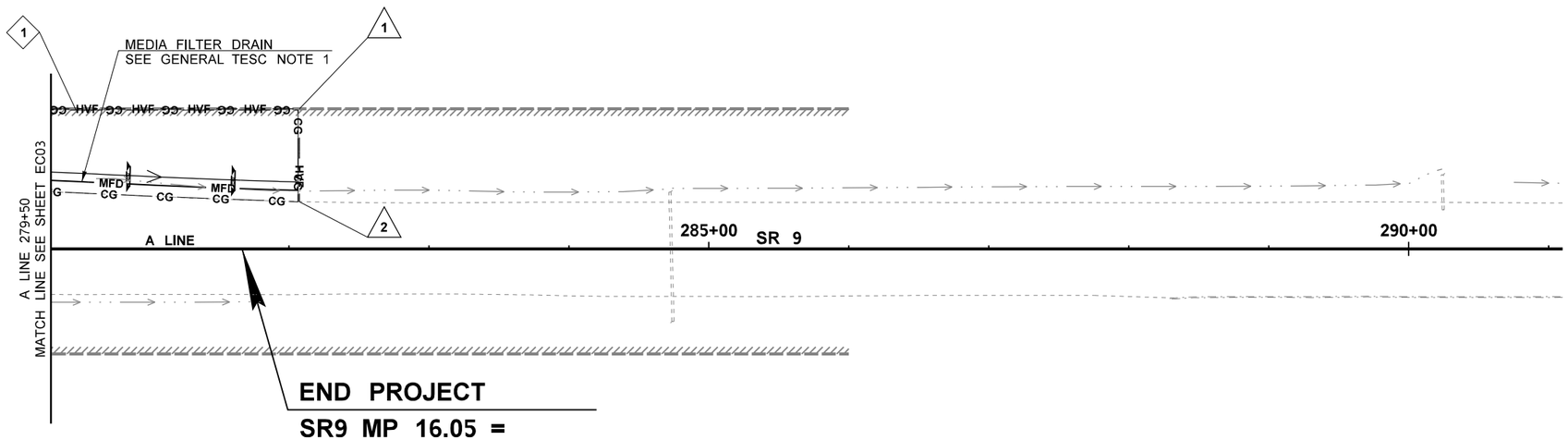
NOTES:

1. FOR GENERAL TESC NOTES AND CONSTRUCTION NOTES, 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.

FENCE CONSTRUCTION NOTES:

1. INSTALL HVF OR HVS FENCE FOLLOWING FENCE ANGLE POINT TABLE ON SHEETS EC01-EC05.
2. STOP HVF OR HVS FENCE AT BACK OF SIDEWALK.

0 50 100
SCALE IN FEET



HIGH VISIBILITY FENCE ANGLE POINT TABLE	
#	LOCATION
1	A LINE STA 282+07.5 (100.0' LT)
2	A LINE STA 282+07.5 (33.6' LT)

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

LEGEND

- INLET PROTECTION
- 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
- PLASTIC COVERING
- STABILIZED CONSTRUCTION ENTRANCE
- CG — CLEARING AND GRUBBING BOUNDARY
- ? FENCE CONSTRUCTION NOTE
- WB — EXISTING WETLAND BOUNDARY
- FILL — FILL LINE
- CUT — CUT LINE
- ST — EXISTING STORM SEWER LINE
- MFD — EXISTING MEDIA FILTER DRAIN
- EXISTING R/W
- EXISTING CATCH BASIN
- EXISTING MANHOLE
- EXISTING CULVERT
- EXISTING COMPOST AMENDED BIOFILTRTION SWALE (CABS)
- EXISTING DITCH BOTTOM
- CATCH BASIN OR GRATE INLET
- ST — STORM SEWER LINE
- DITCH BOTTOM
- MFD — MEDIA FILTER DRAIN
- BIOFILTRATION SWALE
- TEMPORARY PIPE

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DATE	4/30/2021					JOB NUMBER		
PLOTTED BY	nicolec							
DESIGNED BY	N. CHEN							
ENTERED BY	N. CHEN					CONTRACT NO.		LOCATION NO.
CHECKED BY	C. COVINGTON							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EUGENE S. COVINGTON — STATE OF WASHINGTON — 40003 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS
OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TESC PLAN

PLAN REF NO EC04
SHEET OF SHEETS

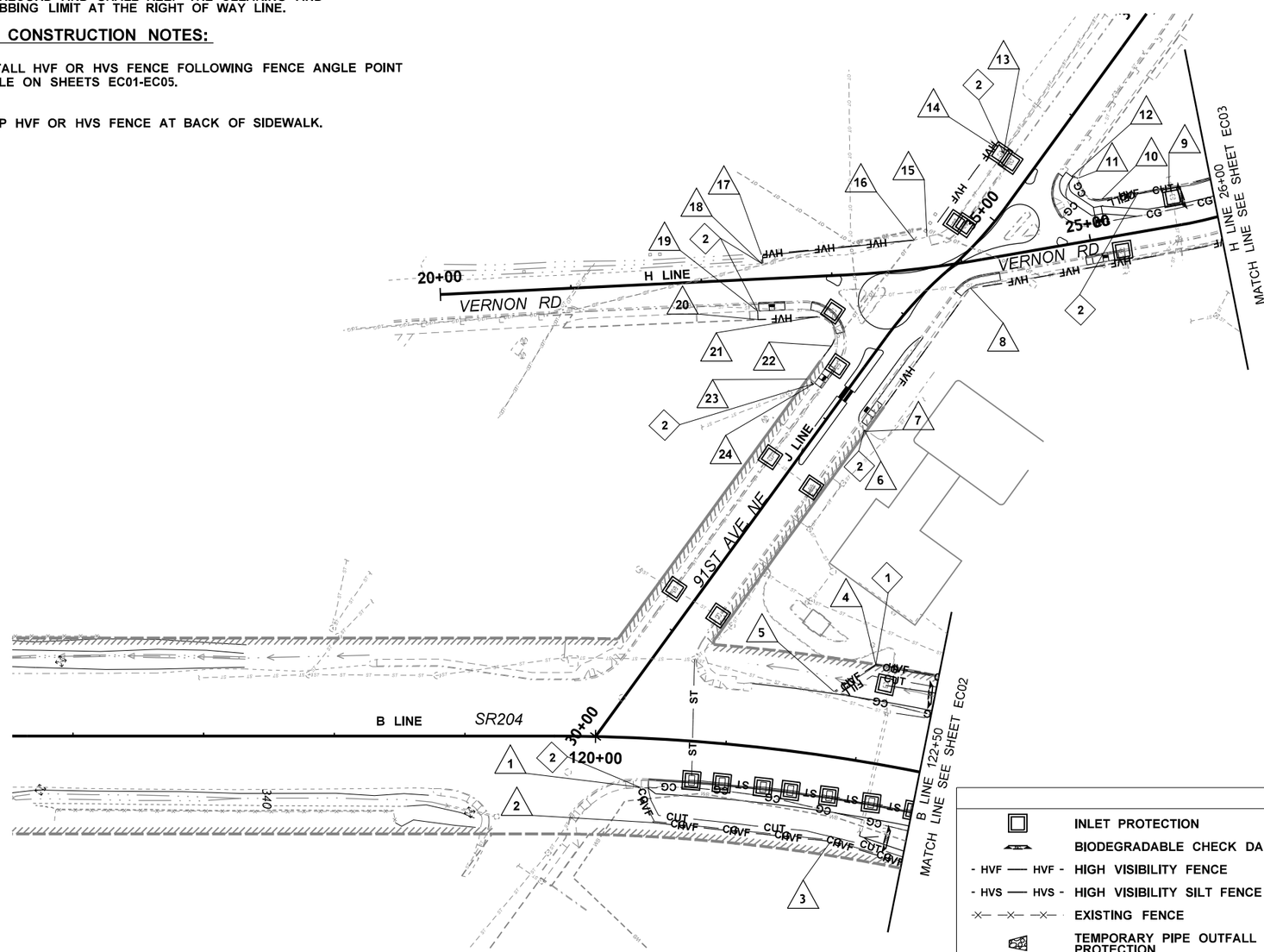
NOTES:

1. FOR GENERAL TESC NOTES AND CONSTRUCTION NOTES, 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.

FENCE CONSTRUCTION NOTES:

1. INSTALL HVF OR HVS FENCE FOLLOWING FENCE ANGLE POINT TABLE ON SHEETS EC01-EC05.
2. STOP HVF OR HVS FENCE AT BACK OF SIDEWALK.

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



HIGH VISIBILITY FENCE ANGLE POINT TABLE	
#	LOCATION
1	B LINE STA 120+35.9 (38.2' RT)
2	B LINE STA 120+48.0 (64.3' RT)
3	B LINE STA 121+90.2 (64.1'RT)
4	H LINE STA 23+15.9 (298.9' RT)
5	H LINE STA 22+86.9 (317.8' RT)
6	H LINE STA 23+17.6 (119.3' RT)
7	H LINE STA 23+18.7 (120.4' RT)
8	H LINE STA 24+03.4 (20.3' RT)
9	H LINE STA 25+66.3 (30.0' LT)
10	H LINE STA 25+13.7 (29.4' LT)
11	H LINE STA 24+99.4 (48.8' LT)
12	H LINE STA 24+94.8 (51.2' LT)
13	H LINE STA 24+46.0 (77.4' LT)
14	H LINE STA 24+39.3 (84.4' LT)
15	H LINE STA 23+76.2 (23.5' LT)
16	H LINE STA 23+65.9 (22.2' LT)
17	H LINE STA 22+46.8 (18.6' LT)
18	H LINE STA 22+46.8 (11.9' LT)
19	H LINE STA 22+41.9 (24.1' RT)
20	H LINE STA 22+42.0 (24.2' RT)
21	H LINE STA 22+42.0 (30.9' RT)
22	H LINE STA 22+97.0 (53.7' RT)
23	H LINE STA 22+77.3 (78.2' RT)
24	H LINE STA 22+82.1 (82.0' RT)

0 50 100
SCALE IN FEET

LEGEND

- INLET PROTECTION
- 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
- PLASTIC COVERING
- STABILIZED CONSTRUCTION ENTRANCE
- CG — CLEARING AND GRUBBING BOUNDARY
- ? FENCE CONSTRUCTION NOTE
- WB — EXISTING WETLAND BOUNDARY
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- EXISTING R/W
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- EXISTING MANHOLE
- EXISTING CULVERT
- EXISTING COMPOST AMENDED BIOFILTRTION SWALE (CABS)
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- CATCH BASIN OR GRATE INLET
- ST — ST — STORM SEWER LINE
- DITCH BOTTOM
- MFD — MEDIA FILTER DRAIN
- BIOFILTRATION SWALE
- TEMPORARY PIPE

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

FILE NAME	c:\pw_workIng\wastate\parsons_epw23968\dms08810\Stage_3_Y-11834_PS_EC_05.dgn					REGION NO. / STATE	FED.AID PROJ.NO.
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DATE	4/30/2021					JOB NUMBER	
PLOTTED BY	nicolec					18A828	
DESIGNED BY	N. CHEN					CONTRACT NO.	LOCATION NO.
ENTERED BY	N. CHEN						
CHECKED BY	A. SEETHOFF						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY		

P.E. STAMP BOX — DATE

PARSONS

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TESC PLAN

PLAN REF NO EC05

SHEET OF SHEETS

GENERAL TESC NOTES:

1. NO CONSTRUCTION EQUIPMENT IS ALLOWED IN MEDIA FILTER DRAIN (MFD) AREAS AND COMPOST-AMENDED BIOFILTRATION SWALE (CABS) AREAS AFTER ROUGH GRADING HAS BEEN COMPLETED. PROTECT MFD AREAS UNTIL FINAL GRADING AND PERMANENT SEEDING OCCURS IN ACCORDANCE WITH SPECIFICATION 8-02 ROADSIDE RESTORATION AND LANDSCAPING PLANS. FOR MFD AND CABS LOCATIONS, SEE DRAINAGE PLAN (DR) AND DRAINAGE DETAIL (DRD) SHEETS.
2. CLEARING AND GRUBBING SHALL BE LIMITED TO THE WORK AREA DELINEATED. 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. INLET PROTECTION SHALL BE IN ACCORDANCE WITH STD PLAN I-40.10 OR STD PLAN I-40.20.
4. MAINTAIN HIGH VISIBILITY FENCE (HVF), HIGH VISIBILITY SILT FENCE (HSV), BIODEGRADABLE CHECK DAMS, 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 IN ACCORDANCE WITH 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.
8. INSTALL TEMPORARY PIPING AND CULVERTS AS NEEDED TO BYPASS DITCH FLOW DURING STORM DRAIN AND DETENTION FACILITY CONSTRUCTION.

HIGH VISIBILITY FENCE QUANTITY		
SHEET	QUANTITY (LF)	GENERAL NOTES
EC01	595	1. SEE HIGH VISIBILITY FENCE STANDARD PLAN I-10.10
EC02	2005	
EC03	2863	
EC04	244	
EC05	1112	
TOTAL	6819	

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

FILE NAME	c:\pw_workIng\wastate\parsons_epw23968\dms08810\Stage_3_Y-11834_PS_ECD_01.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	3:47:11 PM					10	WASH	
DATE	4/30/2021					JOB NUMBER		
PLOTTED BY	nicolec					18A828		
DESIGNED BY	N. CHEN					CONTRACT NO.		LOCATION NO.
ENTERED BY	N. CHEN							
CHECKED BY	A. SEETHOFF							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

CHRISTIANE S. COTTINGTON STATE OF WASHINGTON 43003 REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX DATE

PARSONS

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TESC DETAILS

PLAN REF NO
ECD01

SHEET
OF
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 →	ROADWAY EXCAVATION INCL. HAUL - POND C.Y.	ROADWAY EXCAVATION INCL. HAUL - AREA SWALE C.Y.	GRATE INLET TYPE 2 EACH	QUARRY SPALLS TON	DRAIN PIPE 6 IN. DIAM. L.F.		DRAIN PIPE 8 IN. DIAM. L.F.	CATCH BASIN TYPE 2 48 IN. DIAM. W/ CAGE EACH	CATCH BASIN TYPE 2 54 IN. DIAM. W/FR EACH	CATCH BASIN TYPE 2 54 IN. DIAM. W/FR & CAGE EACH	CATCH BASIN TYPE 1 EACH		CATCH BASIN TYPE 2 48 IN. DIAM. EACH	CATCH BASIN TYPE 2 54 IN. DIAM. EACH	CATCH BASIN TYPE 2 72 IN. DIAM. EACH	SEE GENERAL NOTES
DR01-1	A LINE 255+78.0 (79.6 RT) TO A LINE 256+08.0 (85.9 RT)																
DR01-2	A LINE 256+08.0 (85.9 RT) TO A LINE 256+70.0 (93.6 RT)													1			2, 6
DR01-3	A LINE 256+70.0 (93.6 RT) TO A LINE 257+74.0 (93.9 RT)													1			2, 5
DR01-4	A LINE 258+70.0 (93.8 RT) TO A LINE 259+04.0 (97.9 RT)															1	2, 5
DR01-5	A LINE 259+04.0 (97.9 RT) TO A LINE 259+71.0 (93.9 RT)													1			2, 5
DR01-6	A LINE 256+31.0 (42.7 RT) TO A LINE 257+80.0 (42.7 RT)											1					1, 5
DR01-7	A LINE 257+80.0 (42.7 RT) TO A LINE 258+25.0 (42.8 RT)											1					1, 5
DR01-8	A LINE 259+32.0 (42.8 RT) TO A LINE 260+81.0 (42.8 RT)											1					1, 5
DR01-9	E LINE 12+45.0 (10.9 RT) TO E LINE 13+93.0 (10.9 RT)											1					1, 5
DR01-10	E LINE 13+93.0 (10.9 RT) TO E LINE 15+42.0 (10.9 RT)											1					1, 5
DR01-11	E LINE 11+03.0 (10.9 RT) TO E LINE 256+08.0 (85.9 RT)											1					1, 5
DR01-12	A LINE 257+74.0 (93.9 RT) TO A LINE 258+70.0 (93.8 RT)													1			2, 5
DR01-13	A LINE 259+42.0 (41.6 LT) TO A LINE 260+91.0 (40.9 LT)														1		2, 6
DR01-14	A LINE 257+92.0 (43.1 LT) TO A LINE 259+42.0 (41.6 LT)																
DR01-15	A LINE 258+25.0 (42.8 RT) TO A LINE 259+32.0 (42.8 RT)											1					1, 5
DR02-1	A LINE 260+91.0 (40.9 LT) TO A LINE 262+41.0 (40.2 LT)														1		2, 6
DR02-2	A LINE 262+41.0 (40.2 LT) TO A LINE 263+08.0 (40.3 LT)														1		2, 6
DR02-3	A LINE 263+08.0 (40.3 LT) TO A LINE 263+52.0 (51.5 LT)														1		2, 6
DR02-4	A LINE 264+00.0 (48.3 LT) TO A LINE 265+35.0 (39.8 LT)															1	2, 6
DR02-5	A LINE 265+35.0 (39.8 LT) TO A LINE 265+95.0 (97.9 LT)															1	2, 5
DR02-6	A LINE 265+95.0 (97.9 LT) TO A LINE 265+76.0 (142.9 LT)				38											1	2, 6, 8
DR02-7	A LINE 263+09.0 (56.0 LT) TO A LINE 263+08.0 (40.3 LT)								1					1			2, 4, 5
DR02-8	NOT USED																
DR02-9	A LINE 262+69.0 (42.9 RT) TO A LINE 263+34.0 (42.9 RT)											1					1, 5
DR02-10	B LINE 123+98.0 (28.1 LT) TO B LINE 123+94.0 (52.8 LT)													1			2, 5
DR02-11	B LINE 123+77.0 (47.0 RT) TO B LINE 123+34.0 (34.4 RT)			1													3, 7
DR02-12	B LINE 123+34.0 (34.4 RT) TO B LINE 123+20.0 (32.3 RT)			1													3, 7
DR02-13	B LINE 123+20.0 (32.3 RT) TO B LINE 123+08.0 (30.9 RT)			1													3, 7
DR02-14	A LINE 258+19.0 (52.0 RT) TO A LINE 262+99.0 (52.0 LT)																10
DR02-15	A LINE 261+71.0 (93.8 RT) TO A LINE 262+19.0 (93.8 RT)													1			2, 6
DR02-16	A LINE 262+19.0 (93.8 RT) TO A LINE 262+94.0 (93.9 RT)																2, 5
DR02-17	A LINE 262+94.0 (93.9 RT) TO A LINE 263+09.0 (69.1 RT)														1		2, 5
DR02-18	A LINE 263+67.0 (116.4 RT) TO A LINE 262+94.0 (93.9 RT)													1			2, 5
DR02-19	A LINE 265+92.0 (191.4 RT) TO A LINE 264+51.0 (144.5 RT)											1					1, 5
DR02-20	E LINE 15+42.0 (10.9 RT) TO E LINE 16+46.0 (10.9 RT)											1					1, 5
	SHEET TOTAL			3	38				1			10		8	5	4	

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 54 IN. W/FLOW CONTROL 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. DRD03.
12. SEE WET BIOFILTRATION SWALE DETAIL ON SHT. DRD03 AND SHT. DRD09.
13. SEE WALLED DETENTION POND MAINTENANCE ACCESS ROAD DETAIL ON SHT. DRD02.

						REGION NO.	STATE	FED. AID PROJ. NO.	OSBORN CONSULTING INCORPORATED	Washington State Department of Transportation
										SR9 SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)
DESIGNED BY	T. HEW	10/16/20				10	WASH			DSN01
ENTERED BY	T. HEW	10/16/20				JOB NUMBER				SHEET
CHECKED BY	C. COVINGTON	10/16/20								OF
PROJ. ENGR.	K. NDILE	10/16/20				CONTRACT NO.		LOCATION No.		STRUCTURE NOTES DRAINAGE
REGION ADM.	M. COTTEN	10/16/20								SHEETS
		DATE	DATE	REVISION	BY					

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 →	CATCH BASIN TYPE 2 60 IN. DIAM.	TESTING STORM SEWER PIPE		CL. III REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.	CL. III REINF. CONC. STORM SEWER PIPE 24 IN. DIAM.	CL. III REINF. CONC. STORM SEWER PIPE 30 IN. DIAM.	CL. III REINF. CONC. STORM SEWER PIPE 42 IN. DIAM.	CL. IV REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.		CL. IV REINF. CONC. STORM SEWER PIPE 18 IN. DIAM.	CL. IV REINF. CONC. STORM SEWER PIPE 30 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 18 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 30 IN. DIAM.		SEE GENERAL NOTES
		EACH	L.F.		L.F.	L.F.	L.F.	L.F.	L.F.		L.F.	L.F.	L.F.	L.F.	L.F.		
DR01-1	A LINE 255+78.0 (79.6 RT) TO A LINE 256+08.0 (85.9 RT)		35											35			
DR01-2	A LINE 256+08.0 (85.9 RT) TO A LINE 256+70.0 (93.6 RT)		63														2, 6
DR01-3	A LINE 256+70.0 (93.6 RT) TO A LINE 257+74.0 (93.9 RT)		104														2, 5
DR01-4	A LINE 258+70.0 (93.8 RT) TO A LINE 259+04.0 (97.9 RT)		34														2, 5
DR01-5	A LINE 259+04.0 (97.9 RT) TO A LINE 259+71.0 (93.9 RT)		68														2, 5
DR01-6	A LINE 256+31.0 (42.7 RT) TO A LINE 257+80.0 (42.7 RT)		149														1, 5
DR01-7	A LINE 257+80.0 (42.7 RT) TO A LINE 258+25.0 (42.8 RT)		45														1, 5
DR01-8	A LINE 259+32.0 (42.8 RT) TO A LINE 260+81.0 (42.8 RT)		149										149				1, 5
DR01-9	E LINE 12+45.0 (10.9 RT) TO E LINE 13+93.0 (10.9 RT)		148										148				1, 5
DR01-10	E LINE 13+93.0 (10.9 RT) TO E LINE 15+42.0 (10.9 RT)		149										149				1, 5
DR01-11	E LINE 11+03.0 (10.9 RT) TO E LINE 256+08.0 (85.9 RT)		13						13								1, 5
DR01-12	A LINE 257+74.0 (93.9 RT) TO A LINE 258+70.0 (93.8 RT)		96														2, 5
DR01-13	A LINE 259+42.0 (41.6 LT) TO A LINE 260+91.0 (40.9 LT)		150				150										2, 6
DR01-14	A LINE 257+92.0 (43.1 LT) TO A LINE 259+42.0 (41.6 LT)		150														
DR01-15	A LINE 258+25.0 (42.8 RT) TO A LINE 259+32.0 (42.8 RT)		107														1, 5
DR02-1	A LINE 260+91.0 (40.9 LT) TO A LINE 262+41.0 (40.2 LT)		150				150										2, 6
DR02-2	A LINE 262+41.0 (40.2 LT) TO A LINE 263+08.0 (40.3 LT)		67				67										2, 6
DR02-3	A LINE 263+08.0 (40.3 LT) TO A LINE 263+52.0 (51.5 LT)		45				45										2, 6
DR02-4	A LINE 264+00.0 (48.3 LT) TO A LINE 265+35.0 (39.8 LT)		135					135									2, 6
DR02-5	A LINE 265+35.0 (39.8 LT) TO A LINE 265+95.0 (97.9 LT)		84														2, 5
DR02-6	A LINE 265+95.0 (97.9 LT) TO A LINE 265+76.0 (142.9 LT)		49														2, 6, 8
DR02-7	A LINE 263+09.0 (56.0 LT) TO A LINE 263+08.0 (40.3 LT)		18														2, 4, 5
DR02-8	NOT USED																
DR02-9	A LINE 262+69.0 (42.9 RT) TO A LINE 263+34.0 (42.9 RT)		65														1, 5
DR02-10	B LINE 123+98.0 (28.1 LT) TO B LINE 123+94.0 (52.8 LT)		24														2, 5
DR02-11	B LINE 123+77.0 (47.0 RT) TO B LINE 123+34.0 (34.4 RT)		45										45				3, 7
DR02-12	B LINE 123+34.0 (34.4 RT) TO B LINE 123+20.0 (32.3 RT)		13										13				3, 7
DR02-13	B LINE 123+20.0 (32.3 RT) TO B LINE 123+08.0 (30.9 RT)		12										12				3, 7
DR02-14	A LINE 258+19.0 (52.0 RT) TO A LINE 262+99.0 (52.0 LT)																10
DR02-15	A LINE 261+71.0 (93.8 RT) TO A LINE 262+19.0 (93.8 RT)		48														2, 6
DR02-16	A LINE 262+19.0 (93.8 RT) TO A LINE 262+94.0 (93.9 RT)	1	75														2, 5
DR02-17	A LINE 262+94.0 (93.9 RT) TO A LINE 263+09.0 (69.1 RT)		29				29										2, 5
DR02-18	A LINE 263+67.0 (116.4 RT) TO A LINE 262+94.0 (93.9 RT)		77														2, 5
DR02-19	A LINE 265+92.0 (191.4 RT) TO A LINE 264+51.0 (144.5 RT)		149								149						1, 5
DR02-20	E LINE 15+42.0 (10.9 RT) TO E LINE 16+46.0 (10.9 RT)		103										103				1, 5
	SHEET TOTAL	1	2648				441	135	13		149		619	35			

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. REMOVE CULVERT
15. DRAINAGE STRUCTURES AND CULVERT PIPES TO BE REMOVED, ABANDONED, OR PLUGGED ARE NO LONGER NEEDED.
16. ALL PIPES AND STRUCTURES TO BE REMOVED, ABANDONED, OR PLUGGED SHALL BE CLEANED PRIOR TO REMOVAL, ABANDONDING, OR PLUGGING.

DESIGNED BY	T. HEW	10/16/20		
ENTERED BY	T. HEW	10/16/20		
CHECKED BY	C. COVINGTON	10/16/20		
PROJ. ENGR.	K. NDILE	10/16/20		
REGION ADM.	M. COTTEN	10/16/20		
		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 OF 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 12 IN. DIAM. L.F.	SCHEDULE A STORM SEWER PIPE 18 IN. DIAM. L.F.	SCHEDULE A STORM SEWER PIPE 24 IN. DIAM. L.F.	SCHEDULE A STORM SEWER PIPE 30 IN. DIAM. L.F.	SCHEDULE A STORM SEWER PIPE 42 IN. DIAM. L.F.		STRUCTURE EXCAVATION CLASS B INCL. HAUL C.Y.	SHORING OR EXTRA EXCAVATION CLASS B S.F.	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION S.Y.	MEDIA FILTER DRAIN L.F.	BIOFILTRATION SWALE LEVEL SPREADER AND DIVIDER L.F.		CONNECTION TO DRAINAGE STRUCTURE EACH	CATCH BASIN TYPE 2 96 IN. DIAM. W/FLOW SPLITTER EACH		SEE GENERAL NOTES
DR01-1	A LINE 255+78.0 (79.6 RT) TO A LINE 256+08.0 (85.9 RT)							20	140					1			
DR01-2	A LINE 256+08.0 (85.9 RT) TO A LINE 256+70.0 (93.6 RT)			63				70	380								2, 6
DR01-3	A LINE 256+70.0 (93.6 RT) TO A LINE 257+74.0 (93.9 RT)			104				110	620								2, 5
DR01-4	A LINE 258+70.0 (93.8 RT) TO A LINE 259+04.0 (97.9 RT)			34				50	230								2, 5
DR01-5	A LINE 259+04.0 (97.9 RT) TO A LINE 259+71.0 (93.9 RT)			68				70	420								2, 5
DR01-6	A LINE 256+31.0 (42.7 RT) TO A LINE 257+80.0 (42.7 RT)	149						100	710								1, 5
DR01-7	A LINE 257+80.0 (42.7 RT) TO A LINE 258+25.0 (42.8 RT)	45						30	220								1, 5
DR01-8	A LINE 259+32.0 (42.8 RT) TO A LINE 260+81.0 (42.8 RT)							80	600								1, 5
DR01-9	E LINE 12+45.0 (10.9 RT) TO E LINE 13+93.0 (10.9 RT)							90	630								1, 5
DR01-10	E LINE 13+93.0 (10.9 RT) TO E LINE 15+42.0 (10.9 RT)							70	530								1, 5
DR01-11	E LINE 11+03.0 (10.9 RT) TO E LINE 256+08.0 (85.9 RT)							10	60								1, 5
DR01-12	A LINE 257+74.0 (93.9 RT) TO A LINE 258+70.0 (93.8 RT)			96				100	580								2, 5
DR01-13	A LINE 259+42.0 (41.6 LT) TO A LINE 260+91.0 (40.9 LT)							230	1130								2, 6
DR01-14	A LINE 257+92.0 (43.1 LT) TO A LINE 259+42.0 (41.6 LT)			150				150	880					1			
DR01-15	A LINE 258+25.0 (42.8 RT) TO A LINE 259+32.0 (42.8 RT)	107						70	510								1, 5
DR02-1	A LINE 260+91.0 (40.9 LT) TO A LINE 262+41.0 (40.2 LT)							190	950								2, 6
DR02-2	A LINE 262+41.0 (40.2 LT) TO A LINE 263+08.0 (40.3 LT)							90	440								2, 6
DR02-3	A LINE 263+08.0 (40.3 LT) TO A LINE 263+52.0 (51.5 LT)							60	290								2, 6
DR02-4	A LINE 264+00.0 (48.3 LT) TO A LINE 265+35.0 (39.8 LT)							260	1020								2, 6
DR02-5	A LINE 265+35.0 (39.8 LT) TO A LINE 265+95.0 (97.9 LT)					84		180	680								2, 5
DR02-6	A LINE 265+95.0 (97.9 LT) TO A LINE 265+76.0 (142.9 LT)					49		80	280								2, 6, 8
DR02-7	A LINE 263+09.0 (56.0 LT) TO A LINE 263+08.0 (40.3 LT)			18				20	100								2, 4, 5
DR02-8	NOT USED																
DR02-9	A LINE 262+69.0 (42.9 RT) TO A LINE 263+34.0 (42.9 RT)	65						50	340								1, 5
DR02-10	B LINE 123+98.0 (28.1 LT) TO B LINE 123+94.0 (52.8 LT)	24						40	230								2, 5
DR02-11	B LINE 123+77.0 (47.0 RT) TO B LINE 123+34.0 (34.4 RT)							30	190								3, 7
DR02-12	B LINE 123+34.0 (34.4 RT) TO B LINE 123+20.0 (32.3 RT)							20	70								3, 7
DR02-13	B LINE 123+20.0 (32.3 RT) TO B LINE 123+08.0 (30.9 RT)							10	60								3, 7
DR02-14	A LINE 258+19.0 (52.0 RT) TO A LINE 262+99.0 (52.0 LT)										480						10
DR02-15	A LINE 261+71.0 (93.8 RT) TO A LINE 262+19.0 (93.8 RT)			48				60	300								2, 6
DR02-16	A LINE 262+19.0 (93.8 RT) TO A LINE 262+94.0 (93.9 RT)				75			110	530								2, 5
DR02-17	A LINE 262+94.0 (93.9 RT) TO A LINE 263+09.0 (69.1 RT)							40	200								2, 5
DR02-18	A LINE 263+67.0 (116.4 RT) TO A LINE 262+94.0 (93.9 RT)		77					80	560								2, 5
DR02-19	A LINE 265+92.0 (191.4 RT) TO A LINE 264+51.0 (144.5 RT)							110	780								1, 5
DR02-20	E LINE 15+42.0 (10.9 RT) TO E LINE 16+46.0 (10.9 RT)							50	360								1, 5
	SHEET TOTAL	390	77	581	75	133		2730	15020		480			2			

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.

					REGION NO.	STATE	FED. AID PROJ. NO.
DESIGNED BY	T. HEW	10/16/20			10	WASH	
ENTERED BY	T. HEW	10/16/20			JOB NUMBER		
CHECKED BY	C. COVINGTON	10/16/20					
PROJ. ENGR.	K. NDILE	10/16/20			CONTRACT NO.		LOCATION No.
REGION ADM.	M. COTTEN	10/16/20					
		DATE	DATE	REVISION		BY	

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

STRUCTURE NOTES
DRAINAGE

DSN03

SHEET OF 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 →	ROADWAY EXCAVATION INCL. HAUL - POND C.Y.	ROADWAY EXCAVATION INCL. HAUL - AREA SWALE C.Y.	GRATE INLET TYPE 2 EACH	QUARRY SPALLS TON	DRAIN PIPE 6 IN. DIAM. L.F.		DRAIN PIPE 8 IN. DIAM. L.F.	CATCH BASIN TYPE 2 48 IN. DIAM. W/ CAGE EACH	CATCH BASIN TYPE 2 54 IN. DIAM. W/FR EACH	CATCH BASIN TYPE 2 54 IN. DIAM. W/FR & CAGE EACH	CATCH BASIN TYPE 1 EACH		CATCH BASIN TYPE 2 48 IN. DIAM. EACH	CATCH BASIN TYPE 2 54 IN. DIAM. EACH	CATCH BASIN TYPE 2 72 IN. DIAM. EACH	SEE GENERAL NOTES
DR02-21	E LINE 16+46.0 (10.9 RT) TO E LINE 261+47.0 (93.8 RT)											1					1, 5
DR02-22	A LINE 260+81.0 (42.8 RT) TO A LINE 261+76.0 (42.9 RT)											1					1, 5
DR02-23	NOT USED																
DR02-24	A LINE 261+76.0 (42.9 RT) TO A LINE 262+70.0 (72.5 RT)											1					1, 5
DR02-25	A LINE 264+51.0 (144.5 RT) TO A LINE 263+67.0 (116.4 RT)													1			2, 5
DR02-26	A LINE 260+63.0 (93.8 RT) TO A LINE 261+47.0 (93.8 RT)													1			2, 5
DR02-27	A LINE 263+09.0 (69.1 RT) TO A LINE 263+34.0 (42.9 RT)														1		2, 6
DR02-28	F LINE 72+45.0 (13.4 RT) TO F LINE 72+45.0 (25.9 RT)											1					1, 5
DR02-29	F LINE 72+45.0 (25.9 RT) TO F LINE 266+65.0 (158.8 RT)											1					1, 5
DR02-30	A LINE 266+65.0 (158.8 RT) TO A LINE 266+34.0 (112.8 RT)											1					1, 5
DR02-31	A LINE 266+11.0 (130.1 RT) TO A LINE 266+08.0 (141.5 RT)													1			2, 6
DR02-32	A LINE 265+52.0 (67.7 RT) TO A LINE 264+61.0 (64.8 RT)											1					1, 5
DR02-33	A LINE 265+62.0 (44.1 LT) TO A LINE 265+81.0 (55.6 LT)			1													3, 7
DR02-34	A LINE 263+34.0 (42.9 RT) TO A LINE 263+63.0 (43.6 RT)																2, 5
DR02-35	A LINE 263+63.0 (43.6 RT) TO A LINE 264+00.0 (50.0 RT)														1		2, 5
DR02-36	A LINE 264+46.0 (38.2 RT) TO A LINE 265+34.0 (30.8 RT)											1					1, 5
DR02-37	A LINE 265+34.0 (30.8 RT) TO A LINE 265+35.0 (39.8 LT)													1			2, 5
DR02-38	A LINE 265+79.0 (40.6 RT) TO A LINE 265+56.0 (31.4 RT)											1					1, 5
DR02-39	A LINE 265+62.0 (99.6 RT) TO A LINE 265+81.0 (55.6 LT)										1						2, 4, 5
DR02-40	F LINE 70+61.0 (53.1 RT) TO F LINE 70+77.0 (45.4 RT)											1					1, 5
DR02-41	F LINE 70+90.0 (40.5 RT) TO F LINE 266+34.0 (112.8 RT)			1													3, 7
DR02-42	F LINE 71+06.0 (36.5 RT) TO F LINE 70+90.0 (40.5 RT)											1					1, 5
DR02-43	F LINE 72+08.0 (13.5 LT) TO G LINE 10+50.1 (16.2 RT)											1					1, 5
DR02-44	G LINE 10+50.1 (16.2 RT) TO G LINE 10+70.0 (34.3 LT)			1													3, 7
DR02-45	G LINE 10+70.0 (34.3 LT) TO A LINE 267+67.4 (106.2 RT)				8							1					1, 5, 8
DR02-46	A LINE 269+50.5 (30.7 RT) TO A LINE 268+84.7 (32.4 RT)											1					1, 5
DR02-47	A LINE 268+10.6 (69.6 RT)A LINE 268+10.0 (65.5 RT)																
DR02-48	A LINE 268+10.0 (65.5 RT) TO A LINE 268+25.0 (62.7 RT)									1							2, 5, 8
DR02-49	A LINE 268+25.0 (62.7 RT) TO A LINE 268+35.5 (39.1 RT)								1								2, 5
DR02-50	A LINE 268+35.5 (39.1 RT) TO A LINE 268+35.0 (34.6 LT)													1			2, 6
DR02-51	A LINE 268+35.0 (34.6 LT) TO A LINE 268+35.0 (58.2 LT)													1			12
DR02-52	A LINE 268+35.0 (58.2 LT) TO A LINE 269+22.6 (47.4 LT)													1			2, 5
DR02-53	A LINE 269+22.6 (47.4 LT) TO A LINE 269+03.0 (64.1 LT)				8												2, 5, 8
DR02-54	A LINE 268+84.7 (32.4 RT) TO A LINE 268+79.0 (59.2 RT)				8							1					1, 5, 8
DR02-55	A LINE 267+85.0 (60.8 RT) TO A LINE 268+35.0 (58.2 LT)											1					1, 5
	SHEET TOTAL			3	24				1	1	1	16		7	2		

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 54 IN. W/FLOW CONTROL 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. DRD03.
12. SEE WET BIOFILTRATION SWALE DETAIL ON SHT. DRD03 AND SHT. DRD09.
13. SEE WALLED DETENTION POND MAINTENANCE ACCESS ROAD DETAIL ON SHT. DRD02.

					REGION NO.	STATE	FED. AID PROJ. NO.
DESIGNED BY	T. HEW	10/16/20			10	WASH	
ENTERED BY	T. HEW	10/16/20			**JOB NUMBER**		
CHECKED BY	C. COVINGTON	10/16/20					
PROJ. ENGR.	K. NDILE	10/16/20			**CONTRACT NO.**		**LOCATION No.**
REGION ADM.	M. COTTEN	10/16/20					
		DATE	**DATE**	**REVISION**		**BY**	

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

STRUCTURE NOTES
DRAINAGE

DSN04

SHEET **OF** **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 →	CATCH BASIN TYPE 2 60 IN. DIAM.	TESTING STORM SEWER PIPE		CL. III REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.	CL. III REINF. CONC. STORM SEWER PIPE 24 IN. DIAM.	CL. III REINF. CONC. STORM SEWER PIPE 30 IN. DIAM.	CL. III REINF. CONC. STORM SEWER PIPE 42 IN. DIAM.	CL. IV REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.		CL. IV REINF. CONC. STORM SEWER PIPE 18 IN. DIAM.	CL. IV REINF. CONC. STORM SEWER PIPE 30 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 18 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 30 IN. DIAM.		SEE GENERAL NOTES
		L.F.	L.F.		L.F.	L.F.	L.F.	L.F.	C.Y.		EACH	EACH	S.Y.	L.F.	L.F.		
DR02-21	E LINE 16+46.0 (10.9 RT) TO E LINE 261+47.0 (93.8 RT)		22										22				1, 5
DR02-22	A LINE 260+81.0 (42.8 RT) TO A LINE 261+76.0 (42.9 RT)		95										95				1, 5
DR02-23	NOT USED																
DR02-24	A LINE 261+76.0 (42.9 RT) TO A LINE 262+70.0 (72.5 RT)		98										98				1, 5
DR02-25	A LINE 264+51.0 (144.5 RT) TO A LINE 263+67.0 (116.4 RT)		89														2, 5
DR02-26	A LINE 260+63.0 (93.8 RT) TO A LINE 261+47.0 (93.8 RT)		85														2, 5
DR02-27	A LINE 263+09.0 (69.1 RT) TO A LINE 263+34.0 (42.9 RT)		36				36										2, 6
DR02-28	F LINE 72+45.0 (13.4 RT) TO F LINE 72+45.0 (25.9 RT)		40														1, 5
DR02-29	F LINE 72+45.0 (25.9 RT) TO F LINE 266+65.0 (158.8 RT)		71														1, 5
DR02-30	A LINE 266+65.0 (158.8 RT) TO A LINE 266+34.0 (112.8 RT)		55														1, 5
DR02-31	A LINE 266+11.0 (130.1 RT) TO A LINE 266+08.0 (141.5 RT)		13														2, 6
DR02-32	A LINE 265+52.0 (67.7 RT) TO A LINE 264+61.0 (64.8 RT)		91														1, 5
DR02-33	A LINE 265+62.0 (44.1 LT) TO A LINE 265+81.0 (55.6 LT)		22														3, 7
DR02-34	A LINE 263+34.0 (42.9 RT) TO A LINE 263+63.0 (43.6 RT)	1	29									29					2, 5
DR02-35	A LINE 263+63.0 (43.6 RT) TO A LINE 264+00.0 (50.0 RT)		38									38					2, 5
DR02-36	A LINE 264+46.0 (38.2 RT) TO A LINE 265+34.0 (30.8 RT)		88														1, 5
DR02-37	A LINE 265+34.0 (30.8 RT) TO A LINE 265+35.0 (39.8 LT)		71														2, 5
DR02-38	A LINE 265+79.0 (40.6 RT) TO A LINE 265+56.0 (31.4 RT)		25														1, 5
DR02-39	A LINE 265+62.0 (99.6 RT) TO A LINE 265+81.0 (55.6 LT)		156														2, 4, 5
DR02-40	F LINE 70+61.0 (53.1 RT) TO F LINE 70+77.0 (45.4 RT)		17														1, 5
DR02-41	F LINE 70+90.0 (40.5 RT) TO F LINE 266+34.0 (112.8 RT)		22														3, 7
DR02-42	F LINE 71+06.0 (36.5 RT) TO F LINE 70+90.0 (40.5 RT)		16														1, 5
DR02-43	F LINE 72+08.0 (13.5 LT) TO G LINE 10+50.1 (16.2 RT)		45														1, 5
DR02-44	G LINE 10+50.1 (16.2 RT) TO G LINE 10+70.0 (34.3 LT)		53														3, 7
DR02-45	G LINE 10+70.0 (34.3 LT) TO A LINE 267+67.4 (106.2 RT)		24														1, 5, 8
DR02-46	A LINE 269+50.5 (30.7 RT) TO A LINE 268+84.7 (32.4 RT)		66		66												1, 5
DR02-47	A LINE 268+10.6 (69.6 RT)A LINE 268+10.0 (65.5 RT)		5														
DR02-48	A LINE 268+10.0 (65.5 RT) TO A LINE 268+25.0 (62.7 RT)		15														2, 5, 8
DR02-49	A LINE 268+25.0 (62.7 RT) TO A LINE 268+35.5 (39.1 RT)		28														2, 5
DR02-50	A LINE 268+35.5 (39.1 RT) TO A LINE 268+35.0 (34.6 LT)		74														2, 6
DR02-51	A LINE 268+35.0 (34.6 LT) TO A LINE 268+35.0 (58.2 LT)		24														12
DR02-52	A LINE 268+35.0 (58.2 LT) TO A LINE 269+22.6 (47.4 LT)		88														2, 5
DR02-53	A LINE 269+22.6 (47.4 LT) TO A LINE 269+03.0 (64.1 LT)		18														2, 5, 8
DR02-54	A LINE 268+84.7 (32.4 RT) TO A LINE 268+79.0 (59.2 RT)		28		28												1, 5, 8
DR02-55	A LINE 267+85.0 (60.8 RT) TO A LINE 268+35.0 (58.2 LT)		50		50												1, 5
	SHEET TOTAL	1	1697		144		36					67	215				

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. REMOVE CULVERT
15. DRAINAGE STRUCTURES AND CULVERT PIPES TO BE REMOVED, ABANDONED, OR PLUGGED ARE NO LONGER NEEDED.
16. ALL PIPES AND STRUCTURES TO BE REMOVED, ABANDONED, OR PLUGGED SHALL BE CLEANED PRIOR TO REMOVAL, ABANDONDING, OR PLUGGING.

							REGION NO.	STATE	FED. AID PROJ. NO.		
							10	WASH			
DESIGNED BY	T. HEW	10/16/20					JOB NUMBER				
ENTERED BY	T. HEW	10/16/20									
CHECKED BY	C. COVINGTON	10/16/20					CONTRACT NO.		LOCATION No.		
PROJ. ENGR.	K. NDILE	10/16/20									
REGION ADM.	M. COTTEN	10/16/20									
		DATE	DATE	REVISION		BY					

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

STRUCTURE NOTES
DRAINAGE

DSN05

SHEET OF 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 12 IN. DIAM. L.F.	SCHEDULE A STORM SEWER PIPE 18 IN. DIAM. L.F.	SCHEDULE A STORM SEWER PIPE 24 IN. DIAM. L.F.	SCHEDULE A STORM SEWER PIPE 30 IN. DIAM. L.F.	SCHEDULE A STORM SEWER PIPE 42 IN. DIAM. L.F.		STRUCTURE EXCAVATION CLASS B INCL. HAUL C.Y.	SHORING OR EXTRA EXCAVATION CLASS B S.F.	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION S.Y.	MEDIA FILTER DRAIN L.F.	BIOFILTRATION SWALE LEVEL SPREADER L.F.		CONNECTION TO DRAINAGE STRUCTURE EACH	CATCH BASIN TYPE 2 96 IN. DIAM. W/FLOW SPLITTER EACH		SEE GENERAL NOTES
DR02-21	E LINE 16+46.0 (10.9 RT) TO E LINE 261+47.0 (93.8 RT)							20	110								1, 5
DR02-22	A LINE 260+81.0 (42.8 RT) TO A LINE 261+76.0 (42.9 RT)							50	320								1, 5
DR02-23	NOT USED																
DR02-24	A LINE 261+76.0 (42.9 RT) TO A LINE 262+70.0 (72.5 RT)							60	450								1, 5
DR02-25	A LINE 264+51.0 (144.5 RT) TO A LINE 263+67.0 (116.4 RT)		89					100	640								2, 5
DR02-26	A LINE 260+63.0 (93.8 RT) TO A LINE 261+47.0 (93.8 RT)			85				90	520								2, 5
DR02-27	A LINE 263+09.0 (69.1 RT) TO A LINE 263+34.0 (42.9 RT)							60	270								2, 6
DR02-28	F LINE 72+45.0 (13.4 RT) TO F LINE 72+45.0 (25.9 RT)	40						30	200								1, 5
DR02-29	F LINE 72+45.0 (25.9 RT) TO F LINE 266+65.0 (158.8 RT)	71						50	350								1, 5
DR02-30	A LINE 266+65.0 (158.8 RT) TO A LINE 266+34.0 (112.8 RT)	55						40	270								1, 5
DR02-31	A LINE 266+11.0 (130.1 RT) TO A LINE 266+08.0 (141.5 RT)	13						20	100								2, 6
DR02-32	A LINE 265+52.0 (67.7 RT) TO A LINE 264+61.0 (64.8 RT)	91						60	440								1, 5
DR02-33	A LINE 265+62.0 (44.1 LT) TO A LINE 265+81.0 (55.6 LT)	22						20	120								3, 7
DR02-34	A LINE 263+34.0 (42.9 RT) TO A LINE 263+63.0 (43.6 RT)							40	180								2, 5
DR02-35	A LINE 263+63.0 (43.6 RT) TO A LINE 264+00.0 (50.0 RT)							50	240								2, 5
DR02-36	A LINE 264+46.0 (38.2 RT) TO A LINE 265+34.0 (30.8 RT)	88						60	450								1, 5
DR02-37	A LINE 265+34.0 (30.8 RT) TO A LINE 265+35.0 (39.8 LT)	71						60	400								2, 5
DR02-38	A LINE 265+79.0 (40.6 RT) TO A LINE 265+56.0 (31.4 RT)	25						20	120								1, 5
DR02-39	A LINE 265+62.0 (99.6 RT) TO A LINE 265+81.0 (55.6 LT)	156						160	1190								2, 4, 5
DR02-40	F LINE 70+61.0 (53.1 RT) TO F LINE 70+77.0 (45.4 RT)	17						20	90								1, 5
DR02-41	F LINE 70+90.0 (40.5 RT) TO F LINE 266+34.0 (112.8 RT)	22						20	130								3, 7
DR02-42	F LINE 71+06.0 (36.5 RT) TO F LINE 70+90.0 (40.5 RT)	16						20	90								1, 5
DR02-43	F LINE 72+08.0 (13.5 LT) TO G LINE 10+50.1 (16.2 RT)	45						40	240								1, 5
DR02-44	G LINE 10+50.1 (16.2 RT) TO G LINE 10+70.0 (34.3 LT)	53						50	310								3, 7
DR02-45	G LINE 10+70.0 (34.3 LT) TO A LINE 267+67.4 (106.2 RT)	24						20	100								1, 5, 8
DR02-46	A LINE 269+50.5 (30.7 RT) TO A LINE 268+84.7 (32.4 RT)							40	300								1, 5
DR02-47	A LINE 268+10.6 (69.6 RT)A LINE 268+10.0 (65.5 RT)	5															
DR02-48	A LINE 268+10.0 (65.5 RT) TO A LINE 268+25.0 (62.7 RT)	15						20	90								2, 5, 8
DR02-49	A LINE 268+25.0 (62.7 RT) TO A LINE 268+35.5 (39.1 RT)	28						20	120								2, 5
DR02-50	A LINE 268+35.5 (39.1 RT) TO A LINE 268+35.0 (34.6 LT)	74						60	400								2, 6
DR02-51	A LINE 268+35.0 (34.6 LT) TO A LINE 268+35.0 (58.2 LT)	24						30	150								12
DR02-52	A LINE 268+35.0 (58.2 LT) TO A LINE 269+22.6 (47.4 LT)	88						70	510								2, 5
DR02-53	A LINE 269+22.6 (47.4 LT) TO A LINE 269+03.0 (64.1 LT)	18						10	50						1		2, 5, 8
DR02-54	A LINE 268+84.7 (32.4 RT) TO A LINE 268+79.0 (59.2 RT)							20	100								1, 5, 8
DR02-55	A LINE 267+85.0 (60.8 RT) TO A LINE 268+35.0 (58.2 LT)							40	250								1, 5
	SHEET TOTAL	1061	89	85				1470	9300						1		

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.

					REGION NO.	STATE	FED. AID PROJ. NO.
					10	WASH	
DESIGNED BY	T. HEW	10/16/20					
ENTERED BY	T. HEW	10/16/20			**JOB NUMBER**		
CHECKED BY	C. COVINGTON	10/16/20					
PROJ. ENGR.	K. NDILE	10/16/20			**CONTRACT NO.**		**LOCATION No.**
REGION ADM.	M. COTTEN	10/16/20					
		DATE	**DATE**	**REVISION**		**BY**	

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

STRUCTURE NOTES
DRAINAGE

DSN06

SHEET

OF

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 →	ROADWAY EXCAVATION INCL. HAUL - POND C.Y.	ROADWAY EXCAVATION INCL. HAUL - AREA SWALE C.Y.	GRATE INLET TYPE 2 EACH	QUARRY SPALLS TON	DRAIN PIPE 6 IN. DIAM. L.F.		DRAIN PIPE 8 IN. DIAM. L.F.	CATCH BASIN TYPE 2 48 IN. DIAM. W/ CAGE EACH	CATCH BASIN TYPE 2 54 IN. DIAM. W/FR EACH	CATCH BASIN TYPE 2 54 IN. DIAM. W/FR & CAGE EACH	CATCH BASIN TYPE 1 EACH		CATCH BASIN TYPE 2 48 IN. DIAM. EACH	CATCH BASIN TYPE 2 54 IN. DIAM. EACH	CATCH BASIN TYPE 2 72 IN. DIAM. EACH	SEE GENERAL NOTES
DR02-56	A LINE 267+31.2 (51.0 LT) TO A LINE 267+69.0 (33.2 LT)											1					1, 5, 8
DR02-57	A LINE 267+69.0 (33.2 LT) TO A LINE 268+35.0 (34.6 LT)			1													3, 7
DR02-58	G LINE 10+87.1 (15.9 RT) TO G LINE 10+50.1 (16.2 RT)											1					1, 5
DR02-59	G LINE 11+17.8 (15.9 RT) TO G LINE 10+87.1 (15.9 RT)											1					1, 5
DR02-60	G LINE 11+27.7 (15.9 RT) TO G LINE 11+48.0 (15.9 RT)											1					1, 6
DR02-61	G LINE 12+20.0 (15.9 RT) TO G LINE 13+27.4 (15.9 RT)											1					1, 6
DR02-62	A LINE 261+47.0 (93.8 RT) TO A LINE 261+71.0 (93.8 RT)													1			2, 5
DR02-63	A LINE 264+00.0 (50.0 RT) TO A LINE 264+00.0 (48.3 LT)														1		2, 5
DR02-64	A LINE 264+57.0 (68.4 RT) TO A LINE 264+61.0 (64.8 RT)								1								2, 5
DR02-65	A LINE 264+61.0 (64.8 RT) TO A LINE 264+00.0 (50.0 RT)											1					1, 5
DR02-66	A LINE 265+61.0 (125.9 RT) TO A LINE 265+62.0 (99.6 RT)																
DR02-67	B LINE 123+08.0 (30.9 RT) TO B LINE 122+97.0 (30.2 RT)			1													3, 7
DR02-68	A LINE 262+70.0 (72.5 RT) TO A LINE 263+31.0 (73.1 RT)													1			2, 6
DR02-69	B LINE 123+94.0 (52.8 LT) TO B LINE 122+77.0 (43.5 LT)													1			2, 5
DR02-70	B LINE 122+77.0 (43.5 LT) TO B LINE 122+18.0 (40.6 LT)													1			2, 6
DR02-71	A LINE 263+52.0 (51.5 LT) TO A LINE 264+00.0 (48.3 LT)														1		2, 6
DR02-72	B LINE 122+97.0 (30.2 RT) TO B LINE 122+88.0 (30.0 RT)			1													3, 7
DR02-73	A LINE 265+35.0 (133.5 RT)																13
DR02-74	A LINE 265+56.0 (31.4 RT) TO A LINE 265+34.0 (30.8 RT)											1					1, 5
DR02-75	A LINE 266+34.0 (112.8 RT) TO A LINE 266+11.0 (130.1 RT)											1					1, 5
DR02-76	A LINE 263+31.0 (73.1 RT) TO A LINE 264+43.0 (103.8 RT)		90		16												11
DR02-77	NOT USED																
DR02-78	A LINE 264+43.0 (103.8 RT) TO A LINE 264+62.0 (108.0 RT)																
DR02-79	A LINE 268+04.0 (83.5 RT)																13
DR02-80	A LINE 259+71.0 (93.9 RT) TO A LINE 260+63.0 (93.8 RT)														1		2, 5
DR02-81	B LINE 122+88.0 (30.0 RT) TO B LINE 122+51.0 (30.0 RT)			1													3, 7
DR02-82	F LINE 70+77.0 (45.4 RT) TO F LINE 70+90.0 (40.5 RT)			1													3, 7
DR02-83	A LINE 269+22.6 (47.4 LT) TO A LINE 270+66.9 (35.3 LT)																
DR02-84	A LINE 263+51.0 (44.6 LT) TO A LINE 263+52.0 (51.5 LT)			1													3, 7
DR02-85	B LINE 122+51.0 (30.0 RT) TO B LINE 122+20.0 (30.0 RT)			1													3, 7
DR02-86	G LINE 11+48.0 (27.4 RT) TO G LINE 11+48.0 (15.9 RT)											1					1, 5
DR02-87	G LINE 11+48.0 (15.9 RT) TO G LINE 12+20.0 (15.9 RT)											1					1, 6
DR02-88	A LINE 265+81.0 (55.6 LT) TO A LINE 123+98.0 (28.1 LT)																
DR03-1	G LINE 16+16.3 (15.0 LT) TO G LINE 16+14.6 (36.9 RT)											1					1, 5
DR03-2	G LINE 16+14.6 (36.9 RT) TO G LINE 15+12.4 (15.9 RT)													1			2, 6
	SHEET TOTAL		90	7	16				1			11		5	3		

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 54 IN. W/FLOW CONTROL 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. DRD03.
12. SEE WET BIOFILTRATION SWALE DETAIL ON SHT. DRD03 AND SHT. DRD09.
13. SEE DETENTION POND MAINTENANCE ACCESS ROAD DETAIL ON SHT. DRD02.

				REVISION	BY	REGION NO.	STATE	FED. AID PROJ. NO.
						10	WASH	
DESIGNED BY	T. HEW	10/16/20				**JOB NUMBER**		
ENTERED BY	T. HEW	10/16/20						
CHECKED BY	C. COVINGTON	10/16/20				**CONTRACT NO.**	**LOCATION No.**	
PROJ. ENGR.	K. NDILE	10/16/20						
REGION ADM.	M. COTTEN	10/16/20						
		DATE	**DATE**					

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

STRUCTURE NOTES
DRAINAGE

DSN07

SHEET

OF

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 →	CATCH BASIN TYPE 2 60 IN. DIAM.	TESTING STORM SEWER PIPE		CL. III REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.	CL. III REINF. CONC. STORM SEWER PIPE 24 IN. DIAM.	CL. III REINF. CONC. STORM SEWER PIPE 30 IN. DIAM.	CL. III REINF. CONC. STORM SEWER PIPE 42 IN. DIAM.	CL. IV REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.		CL. IV REINF. CONC. STORM SEWER PIPE 18 IN. DIAM.	CL. IV REINF. CONC. STORM SEWER PIPE 30 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 18 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 30 IN. DIAM.		SEE GENERAL NOTES
		L.F.	L.F.		L.F.	L.F.	L.F.	L.F.	C.Y.		EACH	EACH	S.Y.	L.F.	L.F.		
DR02-56	A LINE 267+31.2 (51.0 LT) TO A LINE 267+69.0 (33.2 LT)		42						42								1, 5, 8
DR02-57	A LINE 267+69.0 (33.2 LT) TO A LINE 268+35.0 (34.6 LT)		66														3, 7
DR02-58	G LINE 10+87.1 (15.9 RT) TO G LINE 10+50.1 (16.2 RT)		42														1, 5
DR02-59	G LINE 11+17.8 (15.9 RT) TO G LINE 10+87.1 (15.9 RT)		30														1, 5
DR02-60	G LINE 11+27.7 (15.9 RT) TO G LINE 11+48.0 (15.9 RT)		20										20				1, 6
DR02-61	G LINE 12+20.0 (15.9 RT) TO G LINE 13+27.4 (15.9 RT)		105		105												1, 6
DR02-62	A LINE 261+47.0 (93.8 RT) TO A LINE 261+71.0 (93.8 RT)		23														2, 5
DR02-63	A LINE 264+00.0 (50.0 RT) TO A LINE 264+00.0 (48.3 LT)		98									98					2, 5
DR02-64	A LINE 264+57.0 (68.4 RT) TO A LINE 264+61.0 (64.8 RT)		5														2, 5
DR02-65	A LINE 264+61.0 (64.8 RT) TO A LINE 264+00.0 (50.0 RT)		62														1, 5
DR02-66	A LINE 265+61.0 (125.9 RT) TO A LINE 265+62.0 (99.6 RT)		26														
DR02-67	B LINE 123+08.0 (30.9 RT) TO B LINE 122+97.0 (30.2 RT)		11										11				3, 7
DR02-68	A LINE 262+70.0 (72.5 RT) TO A LINE 263+31.0 (73.1 RT)		61														2, 6
DR02-69	B LINE 123+94.0 (52.8 LT) TO B LINE 122+77.0 (43.5 LT)		118														2, 5
DR02-70	B LINE 122+77.0 (43.5 LT) TO B LINE 122+18.0 (40.6 LT)		62														2, 6
DR02-71	A LINE 263+52.0 (51.5 LT) TO A LINE 264+00.0 (48.3 LT)		49				49										2, 6
DR02-72	B LINE 122+97.0 (30.2 RT) TO B LINE 122+88.0 (30.0 RT)		8										8				3, 7
DR02-73	A LINE 265+35.0 (133.5 RT)																13
DR02-74	A LINE 265+56.0 (31.4 RT) TO A LINE 265+34.0 (30.8 RT)		22														1, 5
DR02-75	A LINE 266+34.0 (112.8 RT) TO A LINE 266+11.0 (130.1 RT)		25														1, 5
DR02-76	A LINE 263+31.0 (73.1 RT) TO A LINE 264+43.0 (103.8 RT)																11
DR02-77	NOT USED																
DR02-78	A LINE 264+43.0 (103.8 RT) TO A LINE 264+62.0 (108.0 RT)		19														
DR02-79	A LINE 268+04.0 (83.5 RT)																13
DR02-80	A LINE 259+71.0 (93.9 RT) TO A LINE 260+63.0 (93.8 RT)		91														2, 5
DR02-81	B LINE 122+88.0 (30.0 RT) TO B LINE 122+51.0 (30.0 RT)		37										37				3, 7
DR02-82	F LINE 70+77.0 (45.4 RT) TO F LINE 70+90.0 (40.5 RT)		14														3, 7
DR02-83	A LINE 269+22.6 (47.4 LT) TO A LINE 270+66.9 (35.3 LT)		145														
DR02-84	A LINE 263+51.0 (44.6 LT) TO A LINE 263+52.0 (51.5 LT)		7		7												3, 7
DR02-85	B LINE 122+51.0 (30.0 RT) TO B LINE 122+20.0 (30.0 RT)		31										31				3, 7
DR02-86	G LINE 11+48.0 (27.4 RT) TO G LINE 11+48.0 (15.9 RT)		11						11								1, 5
DR02-87	G LINE 11+48.0 (15.9 RT) TO G LINE 12+20.0 (15.9 RT)		70										70				1, 6
DR02-88	A LINE 265+81.0 (55.6 LT) TO A LINE 123+98.0 (28.1 LT)																
DR03-1	G LINE 16+16.3 (15.0 LT) TO G LINE 16+14.6 (36.9 RT)		52														1, 5
DR03-2	G LINE 16+14.6 (36.9 RT) TO G LINE 15+12.4 (15.9 RT)		108														2, 6
	SHEET TOTAL		1460		112		49		53			98	177				

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. REMOVE CULVERT
15. DRAINAGE STRUCTURES AND CULVERT PIPES TO BE REMOVED, ABANDONED, OR PLUGGED ARE NO LONGER NEEDED.
16. ALL PIPES AND STRUCTURES TO BE REMOVED, ABANDONED, OR PLUGGED SHALL BE CLEANED PRIOR TO REMOVAL, ABANDONDING, OR PLUGGING.

					REGION NO.	STATE	FED. AID PROJ. NO.
					10	WASH	
DESIGNED BY	T. HEW	10/16/20			**JOB NUMBER**		
ENTERED BY	T. HEW	10/16/20					
CHECKED BY	C. COVINGTON	10/16/20			**CONTRACT NO.**		**LOCATION No.**
PROJ. ENGR.	K. NDILE	10/16/20					
REGION ADM.	M. COTTEN	10/16/20					
		DATE	**DATE**	**REVISION**	**BY**		

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

STRUCTURE NOTES
DRAINAGE

DSN08

SHEET

OF

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 12 IN. DIAM. L.F.	SCHEDULE A STORM SEWER PIPE 18 IN. DIAM. L.F.	SCHEDULE A STORM SEWER PIPE 24 IN. DIAM. L.F.	SCHEDULE A STORM SEWER PIPE 30 IN. DIAM. L.F.	SCHEDULE A STORM SEWER PIPE 42 IN. DIAM. L.F.		STRUCTURE EXCAVATION CLASS B INCL. HAUL C.Y.	SHORING OR EXTRA EXCAVATION CLASS B S.F.	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION S.Y.	MEDIA FILTER DRAIN L.F.	BIOFILTRATION SWALE LEVEL SPREADER AND DIVIDER L.F.		CONNECTION TO DRAINAGE STRUCTURE EACH	CATCH BASIN TYPE 2 96 IN. DIAM. W/FLOW SPLITTER EACH		SEE GENERAL NOTES
DR02-56	A LINE 267+31.2 (51.0 LT) TO A LINE 267+69.0 (33.2 LT)							30	200								1, 5, 8
DR02-57	A LINE 267+69.0 (33.2 LT) TO A LINE 268+35.0 (34.6 LT)	66						50	360								3, 7
DR02-58	G LINE 10+87.1 (15.9 RT) TO G LINE 10+50.1 (16.2 RT)	42						40	230								1, 5
DR02-59	G LINE 11+17.8 (15.9 RT) TO G LINE 10+87.1 (15.9 RT)	30						30	160								1, 5
DR02-60	G LINE 11+27.7 (15.9 RT) TO G LINE 11+48.0 (15.9 RT)							20	80								1, 6
DR02-61	G LINE 12+20.0 (15.9 RT) TO G LINE 13+27.4 (15.9 RT)							70	530								1, 6
DR02-62	A LINE 261+47.0 (93.8 RT) TO A LINE 261+71.0 (93.8 RT)			23				30	150								2, 5
DR02-63	A LINE 264+00.0 (50.0 RT) TO A LINE 264+00.0 (48.3 LT)							120	580								2, 5
DR02-64	A LINE 264+57.0 (68.4 RT) TO A LINE 264+61.0 (64.8 RT)	5						10	50								2, 5
DR02-65	A LINE 264+61.0 (64.8 RT) TO A LINE 264+00.0 (50.0 RT)	62						50	320								1, 5
DR02-66	A LINE 265+61.0 (125.9 RT) TO A LINE 265+62.0 (99.6 RT)	26						30	170								
DR02-67	B LINE 123+08.0 (30.9 RT) TO B LINE 122+97.0 (30.2 RT)							10	60								3, 7
DR02-68	A LINE 262+70.0 (72.5 RT) TO A LINE 263+31.0 (73.1 RT)	61						40	240								2, 6
DR02-69	B LINE 123+94.0 (52.8 LT) TO B LINE 122+77.0 (43.5 LT)	118						140	1040								2, 5
DR02-70	B LINE 122+77.0 (43.5 LT) TO B LINE 122+18.0 (40.6 LT)	62						80	550					1			2, 6
DR02-71	A LINE 263+52.0 (51.5 LT) TO A LINE 264+00.0 (48.3 LT)							70	340								2, 6
DR02-72	B LINE 122+97.0 (30.2 RT) TO B LINE 122+88.0 (30.0 RT)							10	50								3, 7
DR02-73	A LINE 265+35.0 (133.5 RT)									550							13
DR02-74	A LINE 265+56.0 (31.4 RT) TO A LINE 265+34.0 (30.8 RT)	22						20	120								1, 5
DR02-75	A LINE 266+34.0 (112.8 RT) TO A LINE 266+11.0 (130.1 RT)	25						30	150								1, 5
DR02-76	A LINE 263+31.0 (73.1 RT) TO A LINE 264+43.0 (103.8 RT)									30		16					11
DR02-77	NOT USED																
DR02-78	A LINE 264+43.0 (103.8 RT) TO A LINE 264+62.0 (108.0 RT)	19						10	60								
DR02-79	A LINE 268+04.0 (83.5 RT)									160							13
DR02-80	A LINE 259+71.0 (93.9 RT) TO A LINE 260+63.0 (93.8 RT)			91				100	580								2, 5
DR02-81	B LINE 122+88.0 (30.0 RT) TO B LINE 122+51.0 (30.0 RT)							30	150								3, 7
DR02-82	F LINE 70+77.0 (45.4 RT) TO F LINE 70+90.0 (40.5 RT)	14						20	100								3, 7
DR02-83	A LINE 269+22.6 (47.4 LT) TO A LINE 270+66.9 (35.3 LT)	145						120	890								
DR02-84	A LINE 263+51.0 (44.6 LT) TO A LINE 263+52.0 (51.5 LT)							10	50								3, 7
DR02-85	B LINE 122+51.0 (30.0 RT) TO B LINE 122+20.0 (30.0 RT)							20	130								3, 7
DR02-86	G LINE 11+48.0 (27.4 RT) TO G LINE 11+48.0 (15.9 RT)							10	60								1, 5
DR02-87	G LINE 11+48.0 (15.9 RT) TO G LINE 12+20.0 (15.9 RT)							40	280								1, 6
DR02-88	A LINE 265+81.0 (55.6 LT) TO A LINE 123+98.0 (28.1 LT)																
DR03-1	G LINE 16+16.3 (15.0 LT) TO G LINE 16+14.6 (36.9 RT)	52						50	330								1, 5
DR03-2	G LINE 16+14.6 (36.9 RT) TO G LINE 15+12.4 (15.9 RT)	108						110	800								2, 6
	SHEET TOTAL	857		114				1400	8810	740		16		1			

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.

						REGION NO.	STATE	FED. AID PROJ. NO.	
						10	WASH		
DESIGNED BY	T. HEW	10/16/20				JOB NUMBER			
ENTERED BY	T. HEW	10/16/20							
CHECKED BY	C. COVINGTON	10/16/20				CONTRACT NO.		LOCATION No.	
PROJ. ENGR.	K. NDILE	10/16/20							
REGION ADM.	M. COTTEN	10/16/20							
		DATE	**DATE**	**REVISION**	**BY**				

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

STRUCTURE NOTES
DRAINAGE

DSN09

SHEET OF SHEETS

STRUCTURE NOTES

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

CODE	LOCATION ↓ \ UNIT OF MEASURE →	ROADWAY EXCAVATION INCL. HAUL - POND C.Y.	ROADWAY EXCAVATION INCL. HAUL - AREA SWALE C.Y.	GRATE INLET TYPE 2 EACH	QUARRY SPALLS TON	DRAIN PIPE 6 IN. DIAM. L.F.		DRAIN PIPE 8 IN. DIAM. L.F.	CATCH BASIN TYPE 2 48 IN. DIAM. W/ CAGE EACH	CATCH BASIN TYPE 2 54 IN. DIAM. W/FR EACH	CATCH BASIN TYPE 2 54 IN. DIAM. W/FR & CAGE EACH	CATCH BASIN TYPE 1 EACH		CATCH BASIN TYPE 2 48 IN. DIAM. EACH	CATCH BASIN TYPE 2 54 IN. DIAM. EACH	CATCH BASIN TYPE 2 72 IN. DIAM. EACH	SEE GENERAL NOTES
DR03-3	G LINE 15+12.4 (15.9 RT) TO G LINE 13+27.4 (15.9 RT)													1			2, 5
DR03-4	G LINE 14+40.4 (15.9 RT) TO A LINE 271+58.0 (40.7 RT)													1			2, 6
DR03-5	G LINE 14+53.0 (32.7 RT) TO G LINE 13+27.4 (15.9 RT)																
DR03-6	A LINE 270+66.9 (35.3 LT) TO A LINE 271+98.4 (48.8 LT)													1			2, 5
DR03-7	A LINE 273+83.6 (86.5 RT) TO A LINE 272+72.8 (86.4 RT)													1			2, 6
DR03-8	A LINE 272+93.0 (86.4 RT) TO A LINE 272+06.3 (47.6 RT)													1			2, 6
DR03-9	A LINE 272+06.3 (47.6 RT) TO A LINE 271+96.7 (44.5 RT)													1			2, 5
DR03-10	A LINE 271+96.7 (44.5 RT) TO A LINE 271+86.8 (42.5 RT)			1													3, 7
DR03-11	A LINE 271+86.8 (42.5 RT) TO A LINE 14+40.4 (15.9 RT)													1			2, 5
DR03-12	NOT USED																
DR03-13	A LINE 271+58.0 (40.7 RT) TO A LINE 271+98.4 (48.8 LT)													1			2, 5
DR03-14	A LINE 272+04.0 (62.2 LT) TO A LINE 272+48.0 (83.7 LT)																2, 6
DR03-15	A LINE 272+48.0 (83.7 LT) TO A LINE 272+83.6 (135.9 LT)																2, 6
DR03-16	A LINE 272+02.0 (25.9 RT) TO A LINE 271+96.7 (44.5 RT)			1													3, 7
DR03-17	A LINE 274+12.0 (86.0 LT) TO A LINE 273+98.8 (83.7 LT)																
DR03-18	A LINE 271+47.0 (53.6 LT) TO A LINE 272+04.0 (62.2 LT)					35											10
DR03-19	A LINE 271+98.4 (48.8 LT) TO A LINE 272+04.0 (62.2 LT)														1		2, 6
DR03-20	G LINE 18+63.0 (14.1 RT) TO G LINE 19+43.0 (21.8 RT)											1					1, 5
DR03-21	G LINE 19+43.0 (21.8 RT) TO G LINE 20+35.1 (25.2 RT)											1					1, 6
DR03-22	G LINE 20+35.1 (25.2 RT) TO G LINE 21+72.9 (17.2 RT)											1					1, 5
DR03-23	A LINE 278+51.0 (37.2 RT) TO A LINE 273+84.0 (86.5 RT)							30									10
DR03-24	A LINE 273+98.8 (83.7 LT) TO A LINE 273+17.7 (115.9 LT)													1			2, 6
DR03-25	A LINE 273+17.7 (115.9 LT) TO A LINE 272+48.0 (83.7 LT)													1			2, 6
DR03-26	A LINE 272+83.6 (135.9 LT) TO A LINE 273+14.1 (237 LT)													1			2, 5
DR03-27	G LINE 13+40.3 (33.1 RT) TO G LINE 13+27.4 (15.9 RT)																
DR03-28	G LINE 13+27.4 (15.9 RT) TO G LINE 14+40.4 (15.9 RT)													1			2, 6
DR03-29	G LINE 272+07.0 (107.9 LT) TO G LINE 272+48.0 (83.7 LT)																
DR03-30	NOT USED																
DR03-31	A LINE 273+89.8 (63.2 RT) TO A LINE 278+50.9 (37.2 RT)																10
DR03-32	A LINE 273+95.5 (78.1 LT) TO A LINE 278+98.1 (38.8 LT)																10
DR03-33	A LINE 269+30.0 (66.3 LT) TO A LINE 271+30.0 (64.3 LT)		50														12
DR03-34	A LINE 269+32.0 (53.5 LT) TO A LINE 271+74 (53.6 LT)																10
DR03-35	NOT USED																
DR03-36	NOT USED																
DR03-37	A LINE 271+75.4 (62.3 LT) TO A LINE 272+04.0 (62.2 LT)																
	SHEET TOTAL		50	2		35		30				3		12	1		

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 54 IN. W/FLOW CONTROL 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. DRD03.
12. SEE WET BIOFILTRATION SWALE DETAIL ON SHT. DRD03 AND SHT. DRD09.
13. SEE DETENTION POND MAINTENANCE ACCESS ROAD DETAIL ON SHT. DRD02.

					REGION NO.	STATE	FED. AID PROJ. NO.
					10	WASH	
DESIGNED BY	T. HEW	10/16/20					
ENTERED BY	T. HEW	10/16/20			JOB NUMBER		
CHECKED BY	C. COVINGTON	10/16/20					
PROJ. ENGR.	K. NDILE	10/16/20			CONTRACT NO.		LOCATION No.
REGION ADM.	M. COTTEN	10/16/20					
		DATE	**DATE**	**REVISION**		**BY**	

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

STRUCTURE NOTES
DRAINAGE

DSN10

SHEET OF SHEETS

STRUCTURE NOTES

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

CODE	LOCATION ↓ \ UNIT OF MEASURE →	CATCH BASIN TYPE 2 60 IN. DIAM.	TESTING STORM SEWER PIPE		CL. III REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.	CL. III REINF. CONC. STORM SEWER PIPE 24 IN. DIAM.	CL. III REINF. CONC. STORM SEWER PIPE 30 IN. DIAM.	CL. III REINF. CONC. STORM SEWER PIPE 42 IN. DIAM.	CL. IV REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.		CL. IV REINF. CONC. STORM SEWER PIPE 18 IN. DIAM.	CL. IV REINF. CONC. STORM SEWER PIPE 30 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 12 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 18 IN. DIAM.	CL. V REINF. CONC. STORM SEWER PIPE 30 IN. DIAM.		SEE GENERAL NOTES
		L.F.	L.F.		L.F.	L.F.	L.F.	L.F.	C.Y.		EACH	EACH	S.Y.	L.F.	L.F.		
DR03-3	G LINE 15+12.4 (15.9 RT) TO G LINE 13+27.4 (15.9 RT)		61														2, 5
DR03-4	G LINE 14+40.4 (15.9 RT) TO A LINE 271+58.0 (40.7 RT)		58														2, 6
DR03-5	G LINE 14+53.0 (32.7 RT) TO G LINE 13+27.4 (15.9 RT)		21		21												
DR03-6	A LINE 270+66.9 (35.3 LT) TO A LINE 271+98.4 (48.8 LT)		132														2, 5
DR03-7	A LINE 273+83.6 (86.5 RT) TO A LINE 272+72.8 (86.4 RT)		90								90						2, 6
DR03-8	A LINE 272+93.0 (86.4 RT) TO A LINE 272+06.3 (47.6 RT)		95								95						2, 6
DR03-9	A LINE 272+06.3 (47.6 RT) TO A LINE 271+96.7 (44.5 RT)		10														2, 5
DR03-10	A LINE 271+96.7 (44.5 RT) TO A LINE 271+86.8 (42.5 RT)		10														3, 7
DR03-11	A LINE 271+86.8 (42.5 RT) TO A LINE 14+40.4 (15.9 RT)		29														2, 5
DR03-12	NOT USED																
DR03-13	A LINE 271+58.0 (40.7 RT) TO A LINE 271+98.4 (48.8 LT)		98														2, 5
DR03-14	A LINE 272+04.0 (62.2 LT) TO A LINE 272+48.0 (83.7 LT)	1	47														2, 6
DR03-15	A LINE 272+48.0 (83.7 LT) TO A LINE 272+83.6 (135.9 LT)	1	65														2, 6
DR03-16	A LINE 272+02.0 (25.9 RT) TO A LINE 271+96.7 (44.5 RT)		19														3, 7
DR03-17	A LINE 274+12.0 (86.0 LT) TO A LINE 273+98.8 (83.7 LT)		13														
DR03-18	A LINE 271+47.0 (53.6 LT) TO A LINE 272+04.0 (62.2 LT)																10
DR03-19	A LINE 271+98.4 (48.8 LT) TO A LINE 272+04.0 (62.2 LT)		15														2, 6
DR03-20	G LINE 18+63.0 (14.1 RT) TO G LINE 19+43.0 (21.8 RT)		72						72								1, 5
DR03-21	G LINE 19+43.0 (21.8 RT) TO G LINE 20+35.1 (25.2 RT)		80						80								1, 6
DR03-22	G LINE 20+35.1 (25.2 RT) TO G LINE 21+72.9 (17.2 RT)		138						138								1, 5
DR03-23	A LINE 278+51.0 (37.2 RT) TO A LINE 273+84.0 (86.5 RT)																10
DR03-24	A LINE 273+98.8 (83.7 LT) TO A LINE 273+17.7 (115.9 LT)		87														2, 6
DR03-25	A LINE 273+17.7 (115.9 LT) TO A LINE 272+48.0 (83.7 LT)		40														2, 6
DR03-26	A LINE 272+83.6 (135.9 LT) TO A LINE 273+14.1 (237 LT)																2, 5
DR03-27	G LINE 13+40.3 (33.1 RT) TO G LINE 13+27.4 (15.9 RT)		21										21				
DR03-28	G LINE 13+27.4 (15.9 RT) TO G LINE 14+40.4 (15.9 RT)		111														2, 6
DR03-29	G LINE 272+07.0 (107.9 LT) TO G LINE 272+48.0 (83.7 LT)		47														
DR03-30	NOT USED																
DR03-31	A LINE 273+89.8 (63.2 RT) TO A LINE 278+50.9 (37.2 RT)																10
DR03-32	A LINE 273+95.5 (78.1 LT) TO A LINE 278+98.1 (38.8 LT)																10
DR03-33	A LINE 269+30.0 (66.3 LT) TO A LINE 271+30.0 (64.3 LT)																12
DR03-34	A LINE 269+32.0 (53.5 LT) TO A LINE 271+74 (53.6 LT)																10
DR03-35	NOT USED																
DR03-36	NOT USED																
DR03-37	A LINE 271+75.4 (62.3 LT) TO A LINE 272+04.0 (62.2 LT)		29														
	SHEET TOTAL	2	1388		21				290		185		21				

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. REMOVE CULVERT
15. DRAINAGE STRUCTURES AND CULVERT PIPES TO BE REMOVED, ABANDONED, OR PLUGGED ARE NO LONGER NEEDED.
16. ALL PIPES AND STRUCTURES TO BE REMOVED, ABANDONED, OR PLUGGED SHALL BE CLEANED PRIOR TO REMOVAL, ABANDONDING, OR PLUGGING.

DESIGNED BY	T. HEW	10/16/20		
ENTERED BY	T. HEW	10/16/20		
CHECKED BY	C. COVINGTON	10/16/20		
PROJ. ENGR.	K. NDILE	10/16/20		
REGION ADM.	M. COTTEN	10/16/20		
		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

DSN11

SHEET **OF** **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 12 IN. DIAM. L.F.	SCHEDULE A STORM SEWER PIPE 18 IN. DIAM. L.F.	SCHEDULE A STORM SEWER PIPE 24 IN. DIAM. L.F.	SCHEDULE A STORM SEWER PIPE 30 IN. DIAM. L.F.	SCHEDULE A STORM SEWER PIPE 42 IN. DIAM. L.F.		STRUCTURE EXCAVATION CLASS B INCL. HAUL C.Y.	SHORING OR EXTRA EXCAVATION CLASS B S.F.	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION S.Y.	MEDIA FILTER DRAIN L.F.	BIOFILTRATION SWALE LEVEL SPREADER AND DIVIDER L.F.		CONNECTION TO DRAINAGE STRUCTURE EACH	CATCH BASIN TYPE 2 96 IN. DIAM. W/FLOW SPLITTER EACH		SEE GENERAL NOTES
DR03-3	G LINE 15+12.4 (15.9 RT) TO G LINE 13+27.4 (15.9 RT)	61						60	420								2, 5
DR03-4	G LINE 14+40.4 (15.9 RT) TO A LINE 271+58.0 (40.7 RT)	58						60	430								2, 6
DR03-5	G LINE 14+53.0 (32.7 RT) TO G LINE 13+27.4 (15.9 RT)							20	100								
DR03-6	A LINE 270+66.9 (35.3 LT) TO A LINE 271+98.4 (48.8 LT)	132						130	960								2, 5
DR03-7	A LINE 273+83.6 (86.5 RT) TO A LINE 272+72.8 (86.4 RT)							70	440								2, 6
DR03-8	A LINE 272+93.0 (86.4 RT) TO A LINE 272+06.3 (47.6 RT)							90	600								2, 6
DR03-9	A LINE 272+06.3 (47.6 RT) TO A LINE 271+96.7 (44.5 RT)		10					20	80								2, 5
DR03-10	A LINE 271+96.7 (44.5 RT) TO A LINE 271+86.8 (42.5 RT)		10					20	80								3, 7
DR03-11	A LINE 271+86.8 (42.5 RT) TO A LINE 14+40.4 (15.9 RT)		29					40	230								2, 5
DR03-12	NOT USED																
DR03-13	A LINE 271+58.0 (40.7 RT) TO A LINE 271+98.4 (48.8 LT)		98					100	690								2, 5
DR03-14	A LINE 272+04.0 (62.2 LT) TO A LINE 272+48.0 (83.7 LT)		47					60	330								2, 6
DR03-15	A LINE 272+48.0 (83.7 LT) TO A LINE 272+83.6 (135.9 LT)		65					80	460								2, 6
DR03-16	A LINE 272+02.0 (25.9 RT) TO A LINE 271+96.7 (44.5 RT)	19						20	140								3, 7
DR03-17	A LINE 274+12.0 (86.0 LT) TO A LINE 273+98.8 (83.7 LT)		13					10	50								
DR03-18	A LINE 271+47.0 (53.6 LT) TO A LINE 272+04.0 (62.2 LT)							20	160								10
DR03-19	A LINE 271+98.4 (48.8 LT) TO A LINE 272+04.0 (62.2 LT)		15					30	140								2, 6
DR03-20	G LINE 18+63.0 (14.1 RT) TO G LINE 19+43.0 (21.8 RT)							40	270								1, 5
DR03-21	G LINE 19+43.0 (21.8 RT) TO G LINE 20+35.1 (25.2 RT)							40	300								1, 6
DR03-22	G LINE 20+35.1 (25.2 RT) TO G LINE 21+72.9 (17.2 RT)							60	450					1			1, 5
DR03-23	A LINE 278+51.0 (37.2 RT) TO A LINE 273+84.0 (86.5 RT)							20	100								10
DR03-24	A LINE 273+98.8 (83.7 LT) TO A LINE 273+17.7 (115.9 LT)		87					70	450								2, 6
DR03-25	A LINE 273+17.7 (115.9 LT) TO A LINE 272+48.0 (83.7 LT)		40					50	280								2, 6
DR03-26	A LINE 272+83.6 (135.9 LT) TO A LINE 273+14.1 (237 LT)							10	30								2, 5
DR03-27	G LINE 13+40.3 (33.1 RT) TO G LINE 13+27.4 (15.9 RT)							10	80								
DR03-28	G LINE 13+27.4 (15.9 RT) TO G LINE 14+40.4 (15.9 RT)	111						110	760								2, 6
DR03-29	G LINE 272+07.0 (107.9 LT) TO G LINE 272+48.0 (83.7 LT)		47					30	150								
DR03-30	NOT USED																
DR03-31	A LINE 273+89.8 (63.2 RT) TO A LINE 278+50.9 (37.2 RT)										466						10
DR03-32	A LINE 273+95.5 (78.1 LT) TO A LINE 278+98.1 (38.8 LT)										515						10
DR03-33	A LINE 269+30.0 (66.3 LT) TO A LINE 271+30.0 (64.3 LT)											220					12
DR03-34	A LINE 269+32.0 (53.5 LT) TO A LINE 271+74 (53.6 LT)										244						10
DR03-35	NOT USED																
DR03-36	NOT USED																
DR03-37	A LINE 271+75.4 (62.3 LT) TO A LINE 272+04.0 (62.2 LT)		29					20	100								
	SHEET TOTAL	381	490					1290	8280		1225	220		1			

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.

						REGION NO.	STATE	FED. AID PROJ. NO.
						10	WASH	
DESIGNED BY	T. HEW	10/16/20				**JOB NUMBER**		
ENTERED BY	T. HEW	10/16/20						
CHECKED BY	C. COVINGTON	10/16/20				**CONTRACT NO.**		**LOCATION No.**
PROJ. ENGR.	K. NDILE	10/16/20						
REGION ADM.	M. COTTEN	10/16/20						
		DATE	**DATE**	**REVISION**	**BY**			

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

STRUCTURE NOTES
DRAINAGE

DSN12

SHEET OF 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 ➢	ROADWAY EXCAVATION INCL. HAUL - POND	ROADWAY EXCAVATION INCL. HAUL - AREA SWALE	GRATE INLET TYPE 2	QUARRY SPALLS	DRAIN PIPE 6 IN. DIAM.		DRAIN PIPE 8 IN. DIAM.	CATCH BASIN TYPE 2 48 IN. DIAM. W/ CAGE	CATCH BASIN TYPE 2 54 IN. DIAM. W/FR	CATCH BASIN TYPE 2 54 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 72 IN. DIAM.	SEE GENERAL NOTES
		EACH	C.Y.	C.Y.	TON	L.F.		L.F.	EACH	EACH	EACH	EACH		EACH	L.F.	L.F.	
DR03-38	A LINE 273+00.0 (105.8 RT) TO A LINE 272+93.0 (86.4 RT)																
DR03-39	NOT USED																
DR03-40	A LINE 273+91.3 (73.6 RT) TO A LINE 273+83.6 (86.5 RT)																
DR03-41	NOT USED																
DR04-1	A LINE 279+52.0 (52.2 LT) TO A LINE 282+84.0 (40.0 LT)																10
DR05-1	B LINE 122+20.0 (30.0 RT) TO B LINE 121+84.0 (30.0 RT)			1													3, 7
DR05-2	B LINE 121+84.0 (30.0 RT) TO B LINE 121+54.0 (30.0 RT)			1													3, 7
DR05-3	B LINE 121+54.0 (30.0 RT) TO B LINE 121+32.0 (30.0 RT)			1													3, 7
DR05-4	B LINE 121+32.0 (30.0 RT) TO B LINE 121+00.0 (30.0 RT)			1													3, 7
DR05-5	B LINE 121+00.0 (30.0 RT) TO B LINE 120+76.0 (30.0 RT)			1													3, 7
DR05-6	B LINE 120+76.0 (30.0 RT) TO B LINE 120+71.0 (62.5 LT)			1													3, 7
DR05-7	A LINE 122+13.0 (56.6 RT) TO A LINE 122+13.0 (53.0 RT)																
	SHEET TOTAL			6													
	PROJECT TOTAL		140	21	78	35		30	3	1	1	40		32	11	4	

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 54 IN. W/FLOW CONTROL 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. DRD03.
12. SEE WET BIOFILTRATION SWALE DETAIL ON SHT. DRD03 AND SHT. DRD09.
13. SEE WALLED DETENTION POND MAINTENANCE ACCESS ROAD DETAIL ON SHT. DRD02.

	T. HEW	44120		
DESIGNED BY	T. HEW	10/16/20		
ENTERED BY	C. COVINGTON	10/16/20		
CHECKED BY	K. NDILE	10/16/20		
PROJ. ENGR.	M. COTTEN	10/16/20		
REGION ADM.	M. COTTEN	09/21/20		
		DATE	DATE	REVISION

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

DSN13

SHEET

OF

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 ➢	CATCH BASIN TYPE 2 60 IN. DIAM. L.F.	TESTING STORM SEWER PIPE L.F.		CL. III REINF. CONC. STORM SEWER PIPE 12 IN. DIAM. L.F.	CL. III REINF. CONC. STORM SEWER PIPE 24 IN. DIAM. L.F.	CL. III REINF. CONC. STORM SEWER PIPE 30 IN. DIAM. L.F.	CL. III REINF. CONC. STORM SEWER PIPE 42 IN. DIAM. L.F.	CL. IV REINF. CONC. STORM SEWER PIPE 12 IN. DIAM. C.Y.		CL. IV REINF. CONC. STORM SEWER PIPE 18 IN. DIAM. EACH	CL. IV REINF. CONC. STORM SEWER PIPE 30 IN. DIAM. EACH	CL. V REINF. CONC. STORM SEWER PIPE 12 IN. DIAM. S.Y.	CL. V REINF. CONC. STORM SEWER PIPE 18 IN. DIAM. L.F.	CL. V REINF. CONC. STORM SEWER PIPE 30 IN. DIAM. L.F.		SEE GENERAL NOTES
DR03-38	A LINE 273+00.0 (105.8 RT) TO A LINE 272+93.0 (86.4 RT)		21														
DR03-39	NOT USED																
DR03-40	A LINE 273+91.3 (73.6 RT) TO A LINE 273+83.6 (86.5 RT)		64														
DR03-41	NOT USED																
DR04-1	A LINE 279+52.0 (52.2 LT) TO A LINE 282+84.0 (40.0 LT)																10
DR05-1	B LINE 122+20.0 (30.0 RT) TO B LINE 121+84.0 (30.0 RT)		34										34				3, 7
DR05-2	B LINE 121+84.0 (30.0 RT) TO B LINE 121+54.0 (30.0 RT)		31		31												3, 7
DR05-3	B LINE 121+54.0 (30.0 RT) TO B LINE 121+32.0 (30.0 RT)		21														3, 7
DR05-4	B LINE 121+32.0 (30.0 RT) TO B LINE 121+00.0 (30.0 RT)		32														3, 7
DR05-5	B LINE 121+00.0 (30.0 RT) TO B LINE 120+76.0 (30.0 RT)		23														3, 7
DR05-6	B LINE 120+76.0 (30.0 RT) TO B LINE 120+71.0 (62.5 LT)		95														3, 7
DR05-7	A LINE 122+13.0 (56.6 RT) TO A LINE 122+13.0 (53.0 RT)		4			4											
	SHEET TOTAL		325		31	4							34				
	PROJECT TOTAL	4	7518		308	4	526	135	356		334	165	1066	35			

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. REMOVE CULVERT
15. DRAINAGE STRUCTURES AND CULVERT PIPES TO BE REMOVED, ABANDONED, OR PLUGGED ARE NO LONGER NEEDED.
16. ALL PIPES AND STRUCTURES TO BE REMOVED, ABANDONED, OR PLUGGED SHALL BE CLEANED PRIOR TO REMOVAL, ABANDONDING, OR PLUGGING.

	T. HEW	44120		
DESIGNED BY	T. HEW	10/16/20		
ENTERED BY	C. COVINGTON	10/16/20		
CHECKED BY	K. NDILE	10/16/20		
PROJ. ENGR.	M. COTTEN	10/16/20		
REGION ADM.	M. COTTEN	09/21/20		
		DATE	DATE	REVISION

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

DSN14

SHEET

OF

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.

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.

CODE	LOCATION ↘ \ UNIT OF MEASURE ➢	SCHEDULE A STORM SEWER PIPE 12 IN. DIAM. L.F.	SCHEDULE A STORM SEWER PIPE 18 IN. DIAM. L.F.	SCHEDULE A STORM SEWER PIPE 24 IN. DIAM. L.F.	SCHEDULE A STORM SEWER PIPE 30 IN. DIAM. L.F.	SCHEDULE A STORM SEWER PIPE 42 IN. DIAM. L.F.		STRUCTURE EXCAVATION CLASS B INCL. HAUL C.Y.	SHORING OR EXTRA EXCAVATION CLASS B S.F.	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION S.Y.	MEDIA FILTER DRAIN L.F.	BIOFILTRATION SWALE LEVEL SPREADER AND DIVIDER L.F.		CONNECTION TO DRAINAGE STRUCTURE EACH	CATCH BASIN TYPE 2 96 IN. DIAM. W/FLOW SPLITTER EACH		SEE GENERAL NOTES
DR03-38	A LINE 273+00.0 (105.8 RT) TO A LINE 272+93.0 (86.4 RT)	21						10	70								
DR03-39	NOT USED																
DR03-40	A LINE 273+91.3 (73.6 RT) TO A LINE 273+83.6 (86.5 RT)	64						30	160								
DR03-41	NOT USED																
DR04-1	A LINE 279+52.0 (52.2 LT) TO A LINE 282+84.0 (40.0 LT)										333						10
DR05-1	B LINE 122+20.0 (30.0 RT) TO B LINE 121+84.0 (30.0 RT)							30	150								3, 7
DR05-2	B LINE 121+84.0 (30.0 RT) TO B LINE 121+54.0 (30.0 RT)							30	170								3, 7
DR05-3	B LINE 121+54.0 (30.0 RT) TO B LINE 121+32.0 (30.0 RT)	21						20	130								3, 7
DR05-4	B LINE 121+32.0 (30.0 RT) TO B LINE 121+00.0 (30.0 RT)	32						30	180								3, 7
DR05-5	B LINE 121+00.0 (30.0 RT) TO B LINE 120+76.0 (30.0 RT)	23						20	140								3, 7
DR05-6	B LINE 120+76.0 (30.0 RT) TO B LINE 120+71.0 (62.5 LT)	95						70	510					1			3, 7
DR05-7	A LINE 122+13.0 (56.6 RT) TO A LINE 122+13.0 (53.0 RT)							10	20								
SHEET TOTAL		256						250	1530		333			1			
PROJECT TOTAL		2945	656	780	75	133		7140	42940	740	2038	236		5	1		

						REGION NO.	STATE	FED. AID PROJ. NO.
	T. HEW	44120				10	WASH	
DESIGNED BY	T. HEW	10/16/20				JOB NUMBER		
ENTERED BY	C. COVINGTON	10/16/20						
CHECKED BY	K. NDILE	10/16/20						
PROJ. ENGR.	M. COTTEN	10/16/20				CONTRACT NO.		LOCATION No.
REGION ADM.	M. COTTEN	09/21/20						
		DATE	DATE	REVISION	BY			

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 2)

STRUCTURE NOTES
DRAINAGE

DSN15

SHEET OF SHEETS

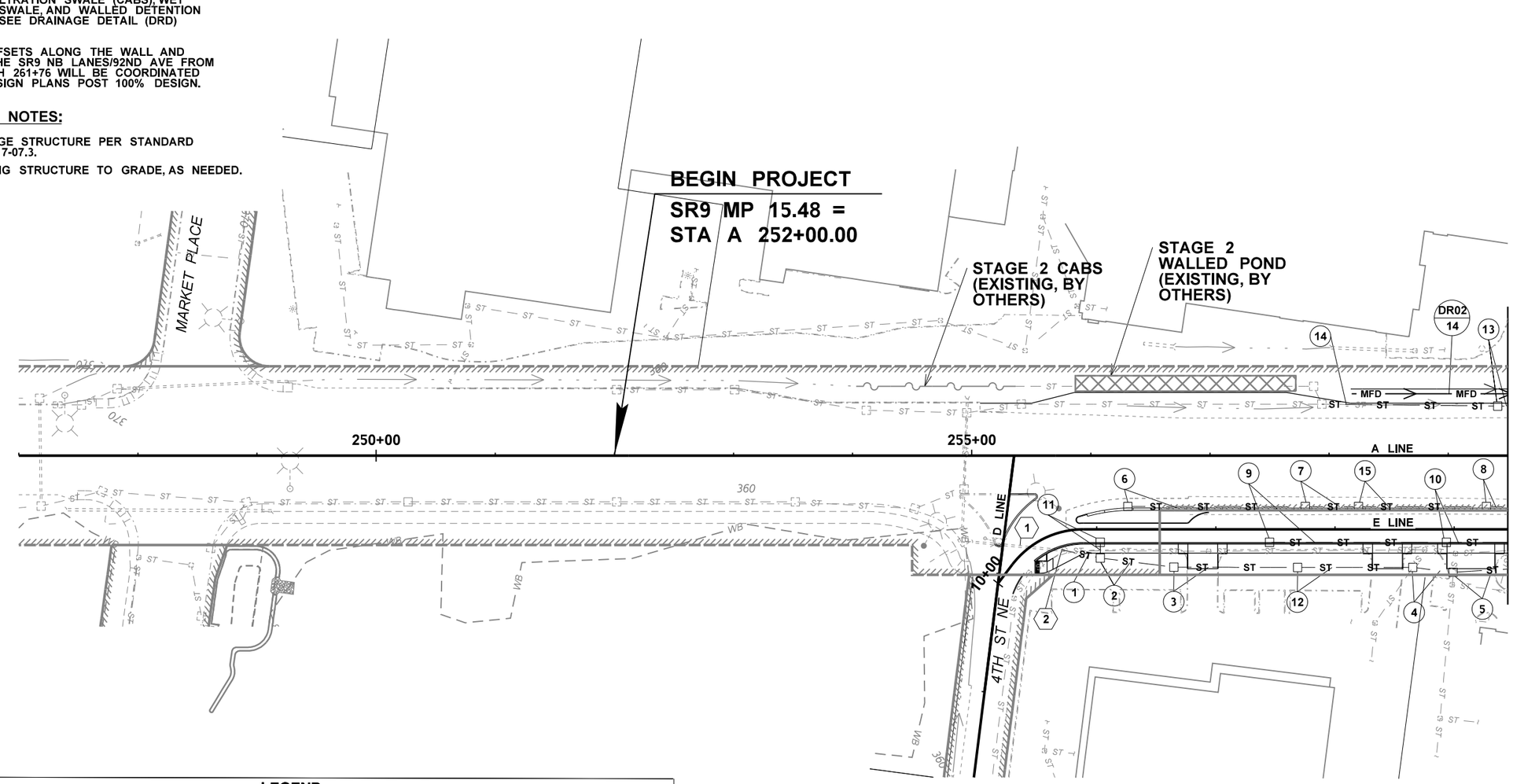
T. 29N. R. 5E. W.M. SEC. 13

NOTES:

1. FOR DRAINAGE PROFILES, SEE DP SHEETS.
2. FOR DRAINAGE DETAILS INCLUDING DRAINAGE DITCHES, MEDIA FILTER DRAIN (MFD), COMPOST AMENDED BIOFILTRATION SWALE (CABS), WET BIOFILTRATION SWALE, AND WALLED DETENTION POND DETAILS, SEE DRAINAGE DETAIL (DRD) SHEETS.
3. STRUCTURE OFFSETS ALONG THE WALL AND BARRIER ON THE SR9 NB LANES/92ND AVE FROM 256+31 THROUGH 261+76 WILL BE COORDINATED WITH WALL DESIGN PLANS POST 100% DESIGN.

CONSTRUCTION NOTES:

1. CLEAN DRAINAGE STRUCTURE PER STANDARD SPECIFICATION 7-07.3.
2. ADJUST EXISTING STRUCTURE TO GRADE, AS NEEDED.



0 50 100
SCALE IN FEET

LEGEND

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

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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TIME	11:35:24 PM				
DATE	5/4/2021				
PLOTTED BY	terrenceh				
DESIGNED BY	S. SRIDHARAN/T.HEW				
ENTERED BY	N. CHEN				
CHECKED BY	L. THOMSEN				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER 18A828		
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 3)

DRAINAGE PLAN

PLAN REF NO DR01

SHEET OF SHEETS

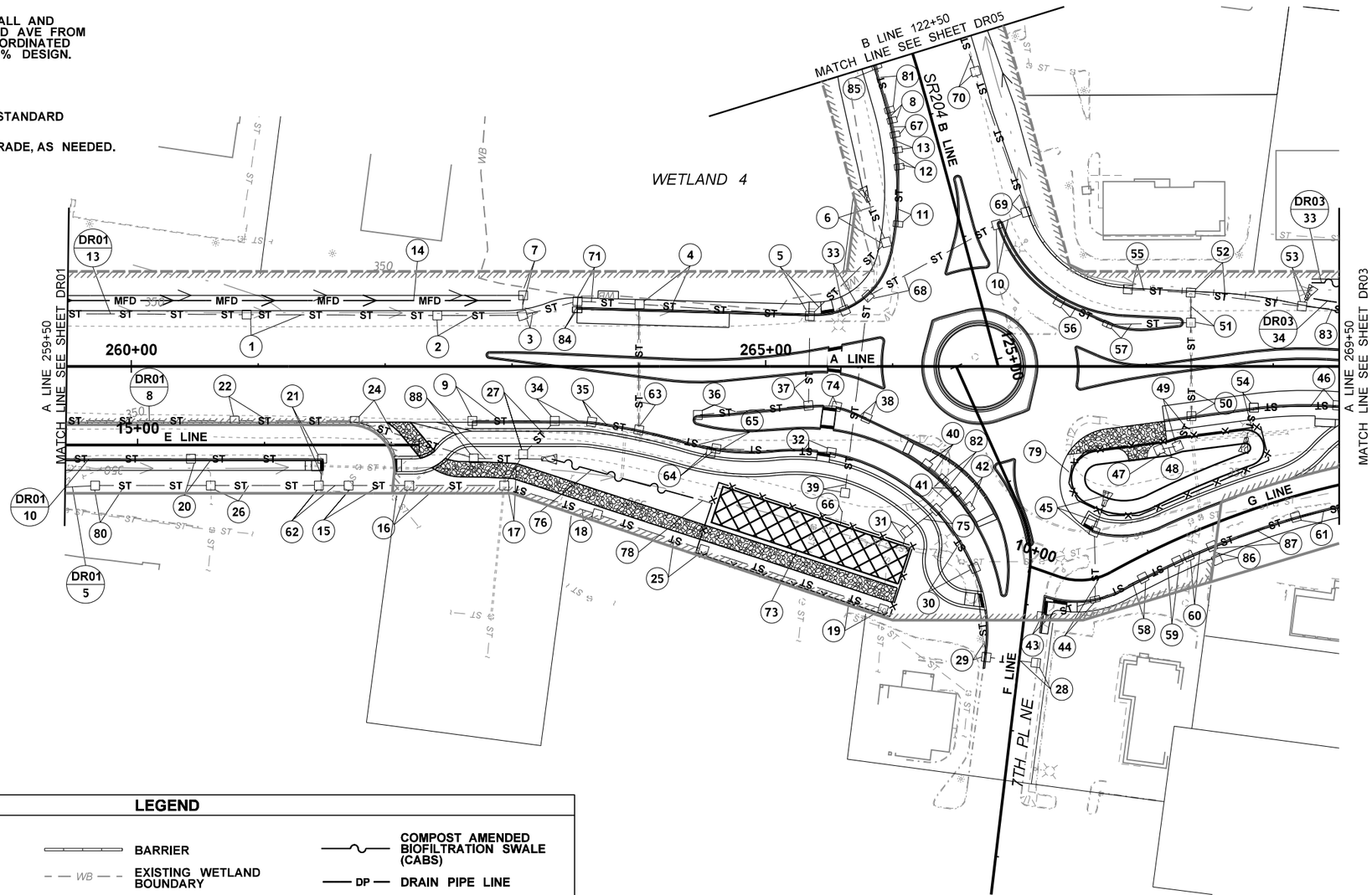
T. 29N. R. 5E. W.M. SEC. 13

NOTES:

1. FOR DRAINAGE PROFILES, SEE DP SHEETS.
2. FOR DRAINAGE DETAILS INCLUDING DRAINAGE DITCHES, MEDIA FILTER DRAIN (MFD), COMPOST AMENDED BIOFILTRATION SWALE (CABS), WET BIOFILTRATION SWALE, AND WALLED DETENTION POND DETAILS, SEE DRAINAGE DETAIL (DRD) SHEETS.
3. STRUCTURE OFFSETS ALONG THE WALL AND BARRIER ON THE SR9 NB LANES/92ND AVE FROM 256+31 THROUGH 261+76 WILL BE COORDINATED WITH WALL DESIGN PLANS POST 100% DESIGN.

CONSTRUCTION NOTES:

1. CLEAN DRAINAGE STRUCTURE PER STANDARD SPECIFICATION 7-07.3.
2. ADJUST EXISTING STRUCTURE TO GRADE, AS NEEDED.



0 50 100
SCALE IN FEET

LEGEND

(X) STRUCTURE NOTE CODE	BARRIER
EXISTING DITCH BOTTOM	EXISTING WETLAND BOUNDARY
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
EXISTING R/W	MEDIA FILTER DRAIN (MFD)
EXISTING COMPOST AMENDED BIOFILTRTION SWALE (CABS)	COMPOST AMENDED BIOFILTRATION SWALE (CABS)
	DRAIN PIPE LINE
	CHAIN LINK FENCE
	NOISE WALL
	OUTFALL PROTECTION
	MAINTENANCE ACCESS ROAD

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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TIME	11:35:33 PM					JOB NUMBER 18A828		
DATE	5/4/2021					CONTRACT NO.		LOCATION NO.
PLOTTED BY	terrenceh							
DESIGNED BY	S. SRIDHARAN/T.HEW							
ENTERED BY	N. CHEN							
CHECKED BY	L. THOMSEN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

CHRISTINE S. O'DONNELL STATE OF WASHINGTON 22503 REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS
OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

DRAINAGE PLAN

PLAN REF NO DR02
SHEET
OF
SHEETS

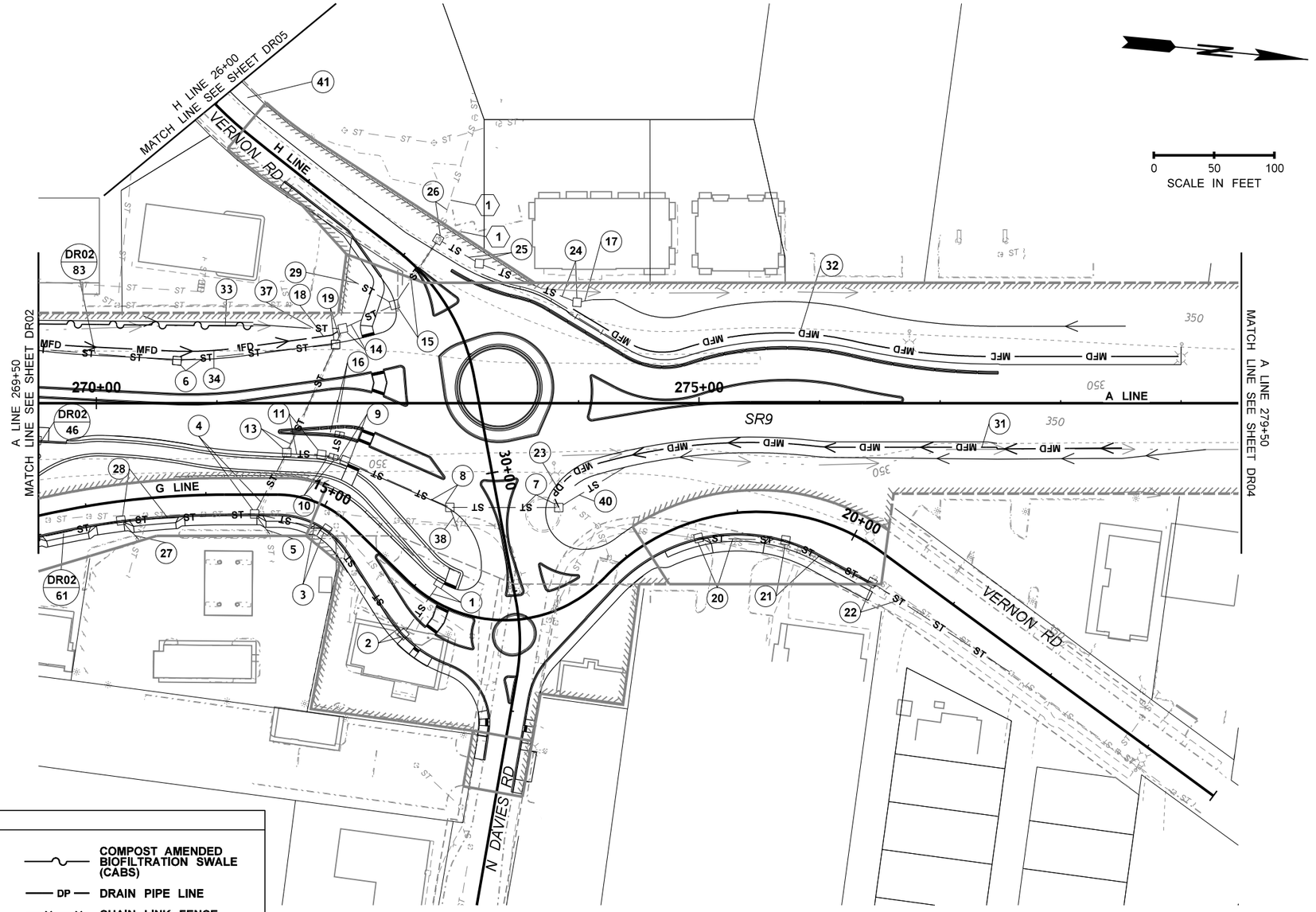
T. 29N. R. 5E. W.M. SEC. 13

NOTES:

1. FOR DRAINAGE PROFILES, SEE DP SHEETS.
2. FOR DRAINAGE DETAILS INCLUDING DRAINAGE DITCHES, MEDIA FILTER DRAIN (MFD), COMPOST AMENDED BIOFILTRATION SWALE (CABS), WET BIOFILTRATION SWALE, AND WALLED DETENTION POND DETAILS, SEE DRAINAGE DETAIL (DRD) SHEETS.
3. STRUCTURE OFFSETS ALONG THE WALL AND BARRIER ON THE SR9 NB LANES/92ND AVE FROM 256+31 THROUGH 261+76 WILL BE COORDINATED WITH WALL DESIGN PLANS POST 100% DESIGN.

CONSTRUCTION NOTES:

1. CLEAN DRAINAGE STRUCTURE PER STANDARD SPECIFICATION 7-07.3.
2. ADJUST EXISTING STRUCTURE TO GRADE, AS NEEDED.



LEGEND

(X) STRUCTURE NOTE CODE	BARRIER
EXISTING DITCH BOTTOM	EXISTING WETLAND BOUNDARY
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
EXISTING R/W	MEDIA FILTER DRAIN (MFD)
EXISTING COMPOST AMENDED BIOFILTRTION SWALE (CABS)	COMPOST AMENDED BIOFILTRATION SWALE (CABS)
	DRAIN PIPE LINE
	CHAIN LINK FENCE
	NOISE WALL
	OUTFALL PROTECTION
	MAINTENANCE ACCESS ROAD

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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PLOTTED BY	terrenceh
DESIGNED BY	S. SRIDHARAN/T.HEW
ENTERED BY	N. CHEN
CHECKED BY	L. THOMSEN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE
10	WASH

JOB NUMBER 18A828

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

CHRISTINE 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 3)

DRAINAGE PLAN

PLAN REF NO DR03

SHEET OF SHEETS

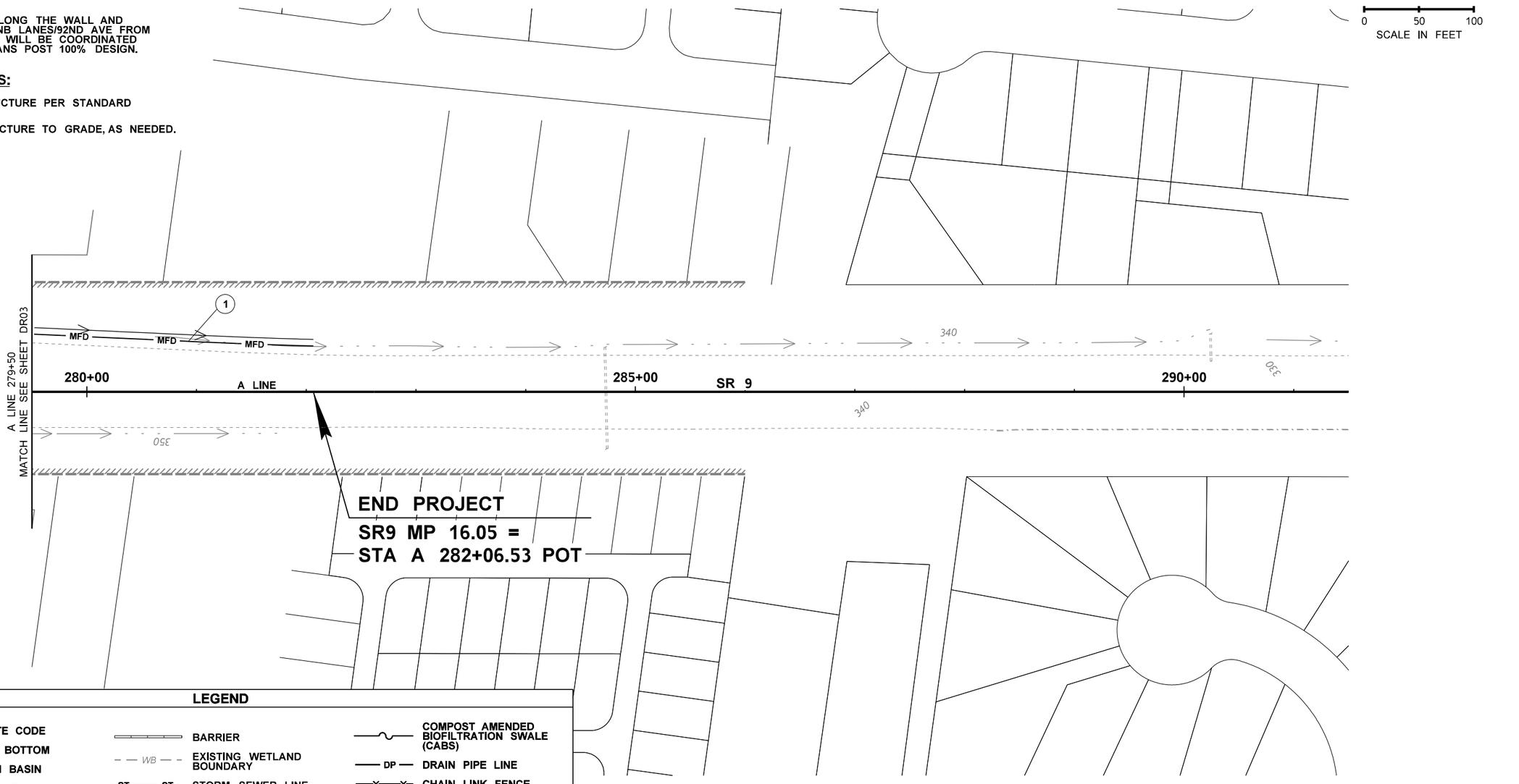
T. 29N. R. 5E. W.M. SEC. 13

NOTES:

1. FOR DRAINAGE PROFILES, SEE DP SHEETS.
2. FOR DRAINAGE DETAILS INCLUDING DRAINAGE DITCHES, MEDIA FILTER DRAIN (MFD), COMPOST AMENDED BIOFILTRATION SWALE (CABS), WET BIOFILTRATION SWALE, AND WALLED DETENTION POND DETAILS, SEE DRAINAGE DETAIL (DRD) SHEETS.
3. STRUCTURE OFFSETS ALONG THE WALL AND BARRIER ON THE SR9 NB LANES/92ND AVE FROM 256+31 THROUGH 261+76 WILL BE COORDINATED WITH WALL DESIGN PLANS POST 100% DESIGN.

CONSTRUCTION NOTES:

1. CLEAN DRAINAGE STRUCTURE PER STANDARD SPECIFICATION 7-07.3.
2. ADJUST EXISTING STRUCTURE TO GRADE, AS NEEDED.



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
	EXISTING R/W
	EXISTING COMPOST AMENDED BIOFILTRTION SWALE (CABS)
	BARRIER
WB	EXISTING WETLAND BOUNDARY
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

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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DATE	5/4/2021					
PLOTTED BY	terrenceh					
DESIGNED BY	S. SRIDHARAN/T.HEW					
ENTERED BY	N. CHEN					
CHECKED BY	L. THOMSEN					
PROJ. ENGR.	K. NDILE					
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY	

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

P.E. STAMP BOX — DATE

PARSONS

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

DRAINAGE PLAN

PLAN REF NO DR04

SHEET OF SHEETS

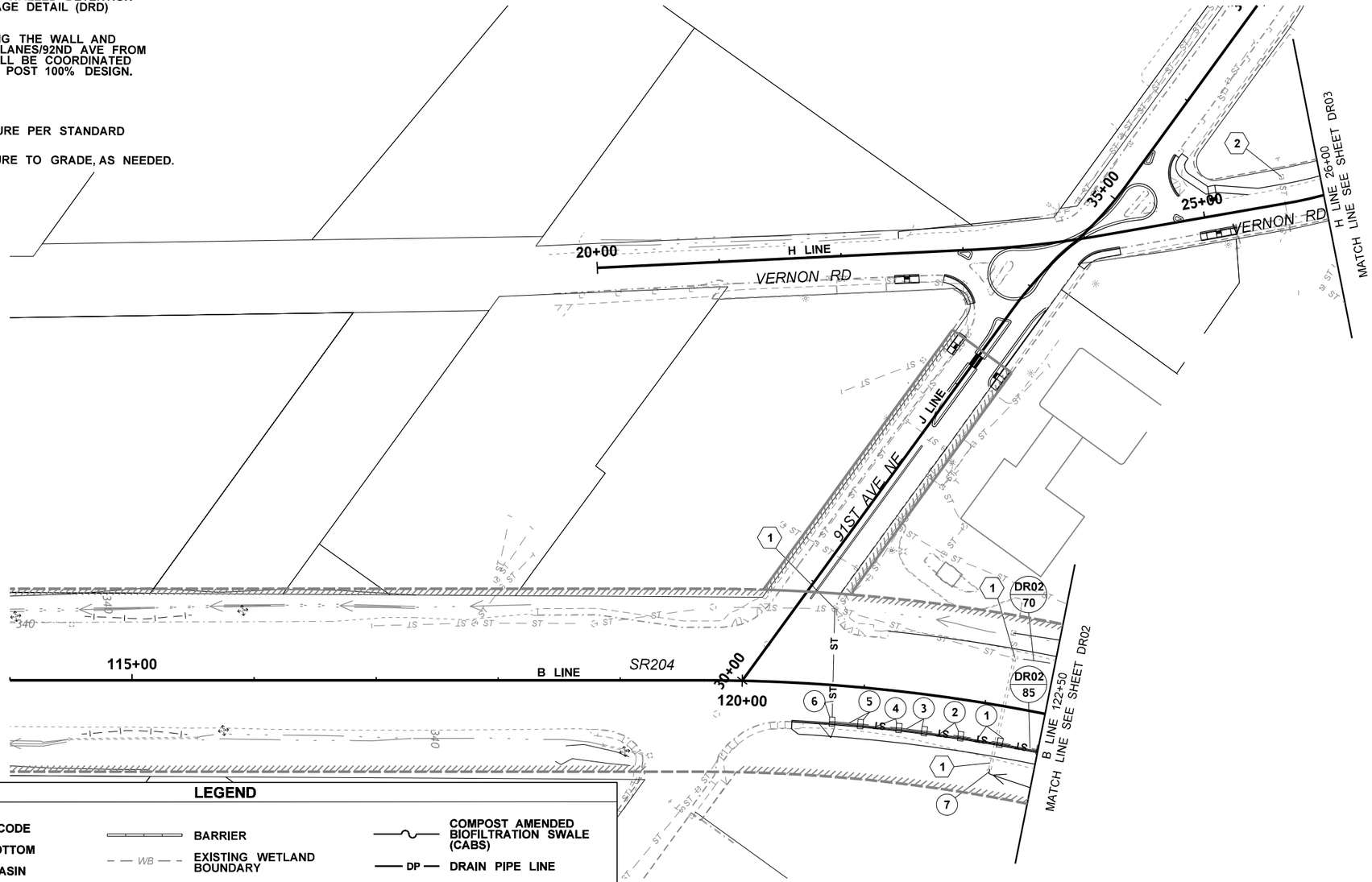
T. 29N. R. 5E. W.M. SEC. 13

NOTES:

1. FOR DRAINAGE PROFILES, SEE DP SHEETS.
2. FOR DRAINAGE DETAILS INCLUDING DRAINAGE DITCHES, MEDIA FILTER DRAIN (MFD), COMPOST AMENDED BIOFILTRATION SWALE (CABS), WET BIOFILTRATION SWALE, AND WALLED DETENTION POND DETAILS, SEE DRAINAGE DETAIL (DRD) SHEETS.
3. STRUCTURE OFFSETS ALONG THE WALL AND BARRIER ON THE SR9 NB LANES/92ND AVE FROM 256+31 THROUGH 261+76 WILL BE COORDINATED WITH WALL DESIGN PLANS POST 100% DESIGN.

CONSTRUCTION NOTES:

1. CLEAN DRAINAGE STRUCTURE PER STANDARD SPECIFICATION 7-07.3.
2. ADJUST EXISTING STRUCTURE TO GRADE, AS NEEDED.



LEGEND

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

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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DATE	5/4/2021					CONTRACT NO.		LOCATION NO.
PLOTTED BY	terrenceh							
DESIGNED BY	S. SRIDHARAN/T.HEW							
ENTERED BY	N. CHEN							
CHECKED BY	L. THOMSEN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

P.E. STAMP BOX — DATE

PARSONS

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

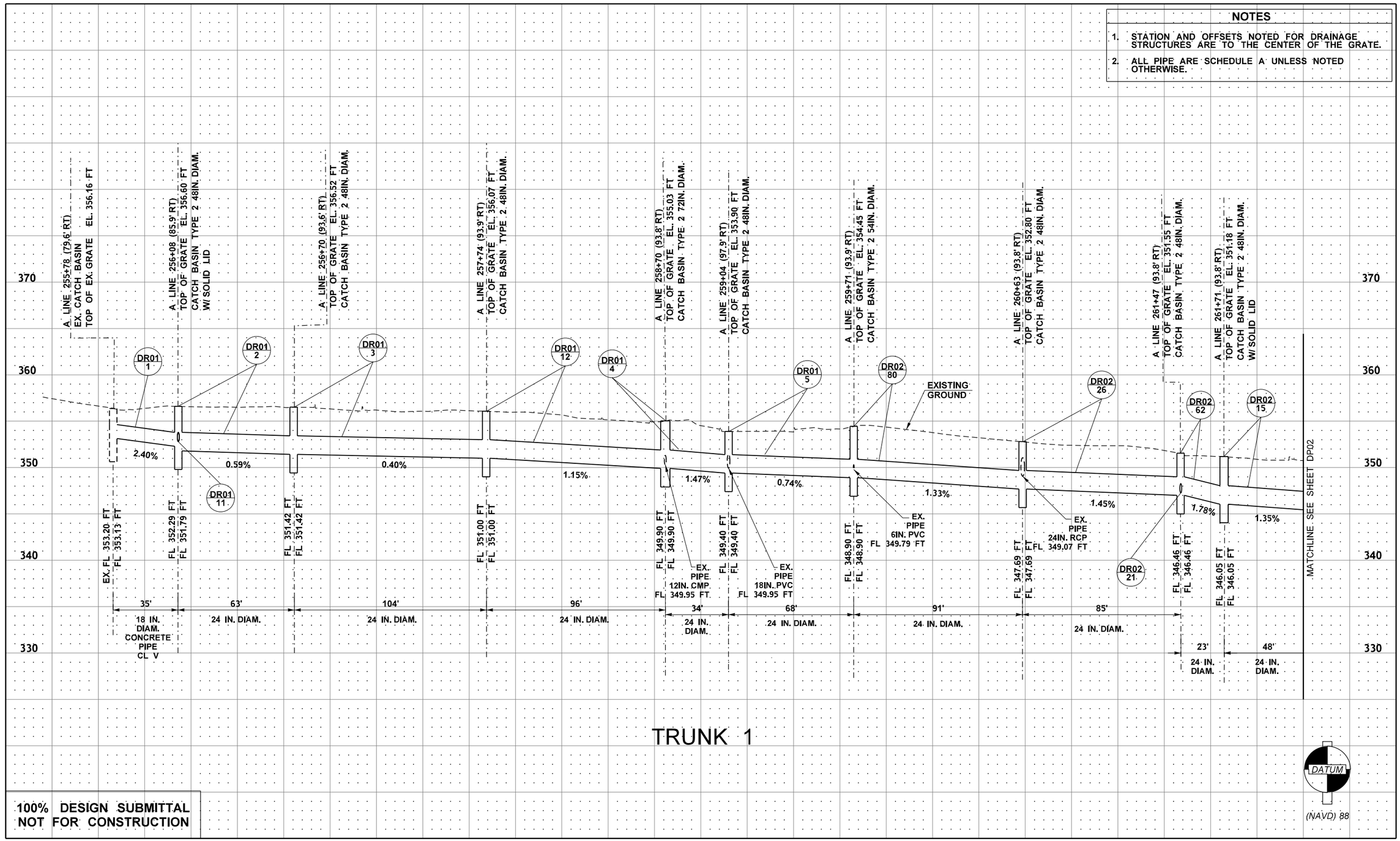
DRAINAGE PLAN

PLAN REF NO DR05

SHEET OF SHEETS

NOTES

1. STATION AND OFFSETS NOTED FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE GRATE.
2. ALL PIPE ARE SCHEDULE A UNLESS NOTED OTHERWISE.



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ENTERED BY	N. CHEN					
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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		
18A828		
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 3)

DRAINAGE PROFILES

PLAN REF NO DP01

SHEET OF SHEETS

NOTES

1. STATION AND OFFSETS NOTED FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE GRATE.
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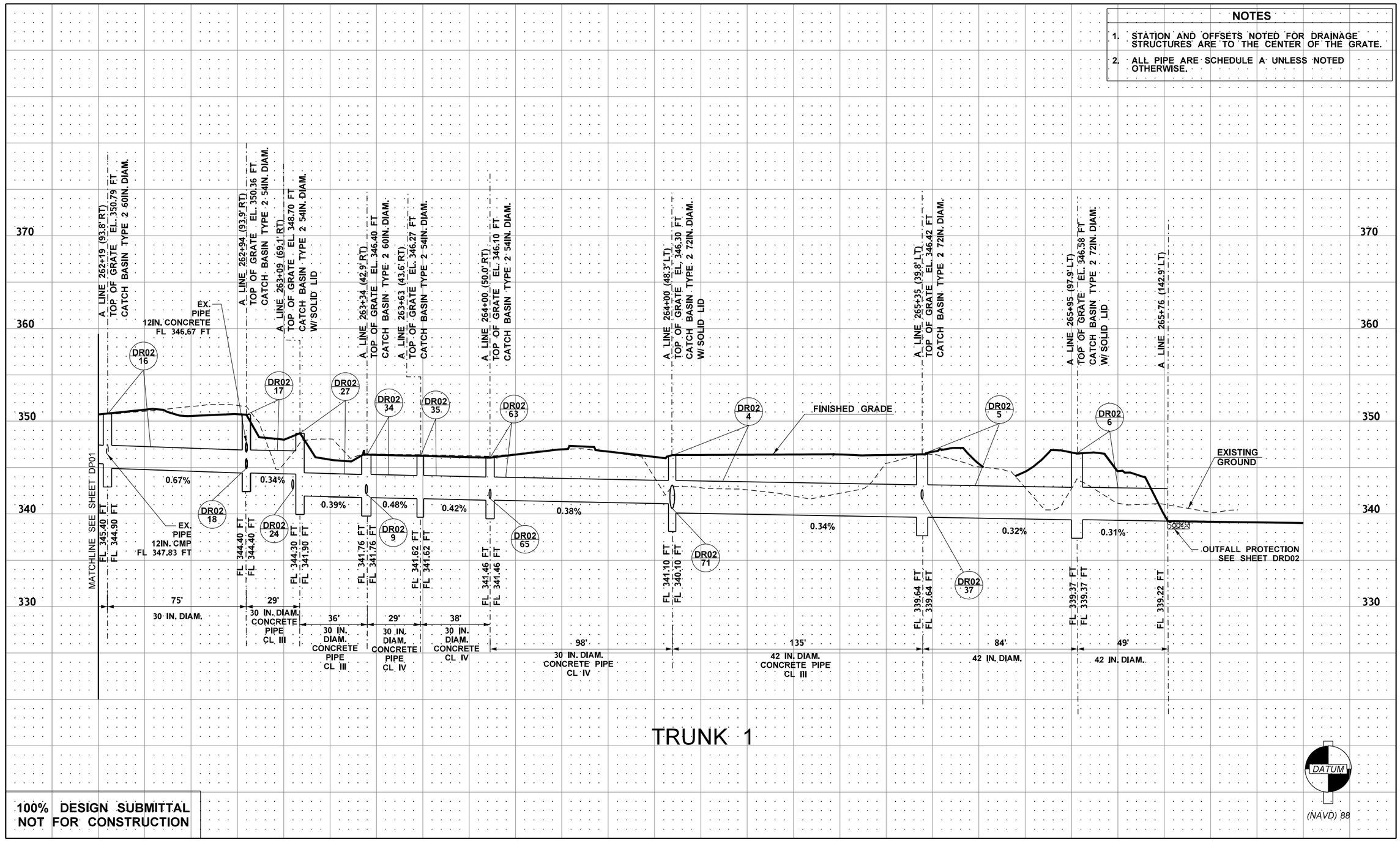

TRUNK 1

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DATE	5/4/2021					JOB NUMBER	
PLOTTED BY	terrenceh					18A828	
DESIGNED BY	S. SRIDHARAN/T.HEW					CONTRACT NO.	LOCATION NO.
ENTERED BY	N. CHEN						
CHECKED BY	L. THOMSEN						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY		

CHRISTINE S. CONNELLY — 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 3)

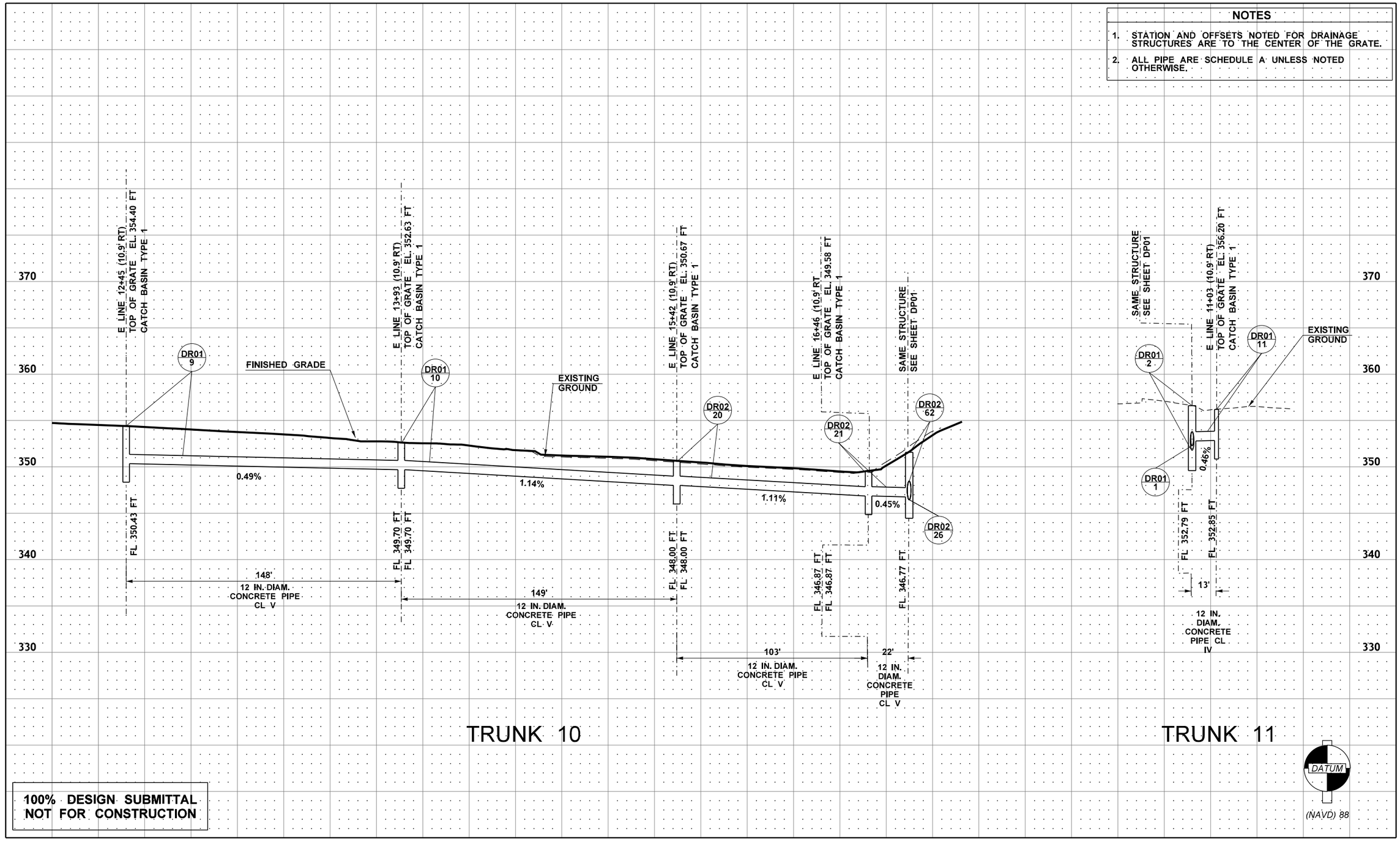
DRAINAGE PROFILES

PLAN REF NO
DP02

SHEET
OF
SHEETS

NOTES

1. STATION AND OFFSETS NOTED FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE GRATE.
2. ALL PIPE ARE SCHEDULE A UNLESS NOTED OTHERWISE.



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

STATE OF WASHINGTON — THERESE M. SCOVIANSKI — 46003 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

DRAINAGE PROFILES

PLAN REF NO DP03

SHEET OF SHEETS

NOTES

1. STATION AND OFFSETS NOTED FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE GRATE.
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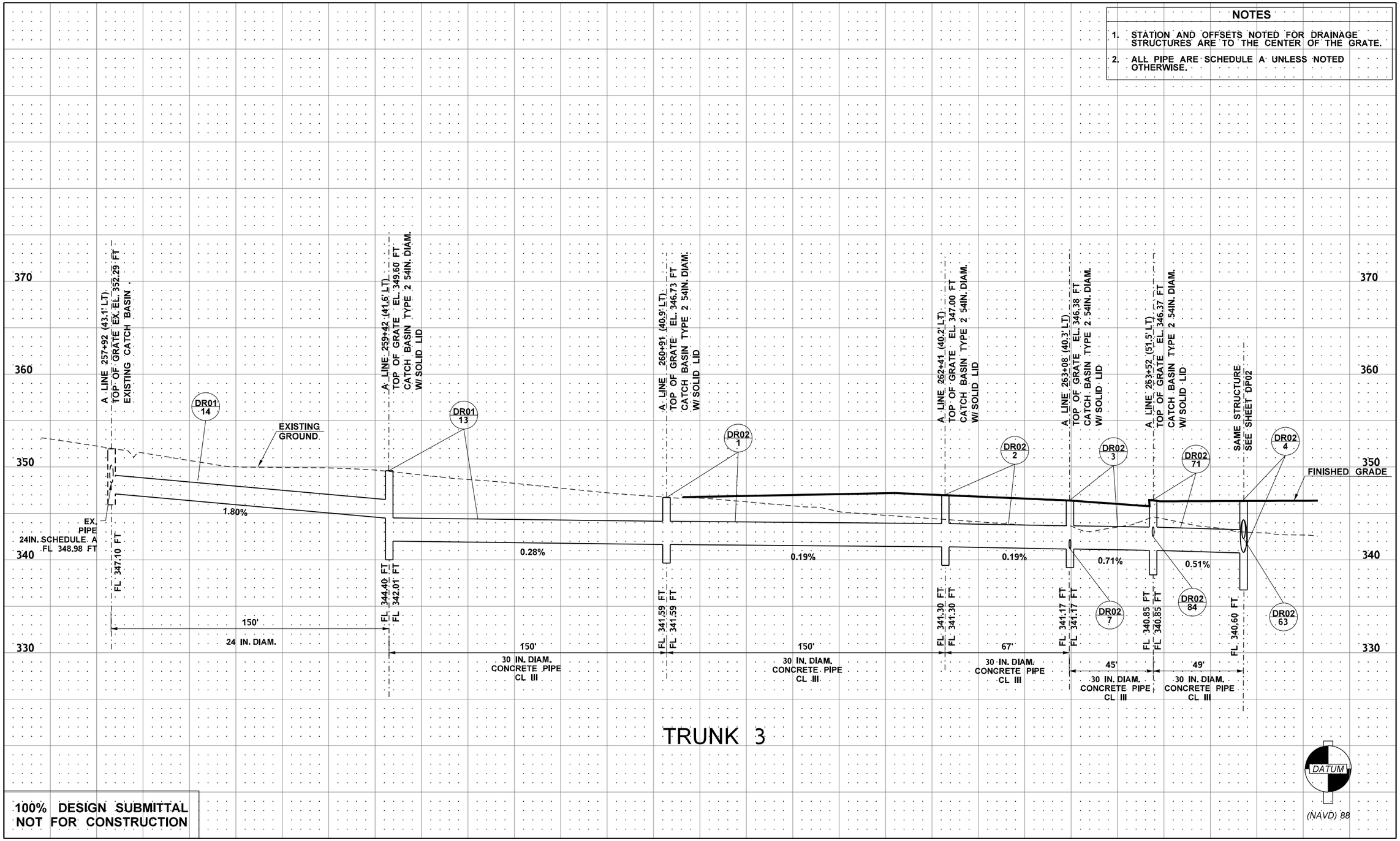

TRUNK 3

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DATE	5/4/2021					JOB NUMBER		
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ENTERED BY	N. CHEN							
CHECKED BY	L. THOMSEN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

CHRISTINE STOKINGER — 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 3)

DRAINAGE PROFILES

PLAN REF NO
DP04

SHEET OF SHEETS

NOTES

1. STATION AND OFFSETS NOTED FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE GRATE.
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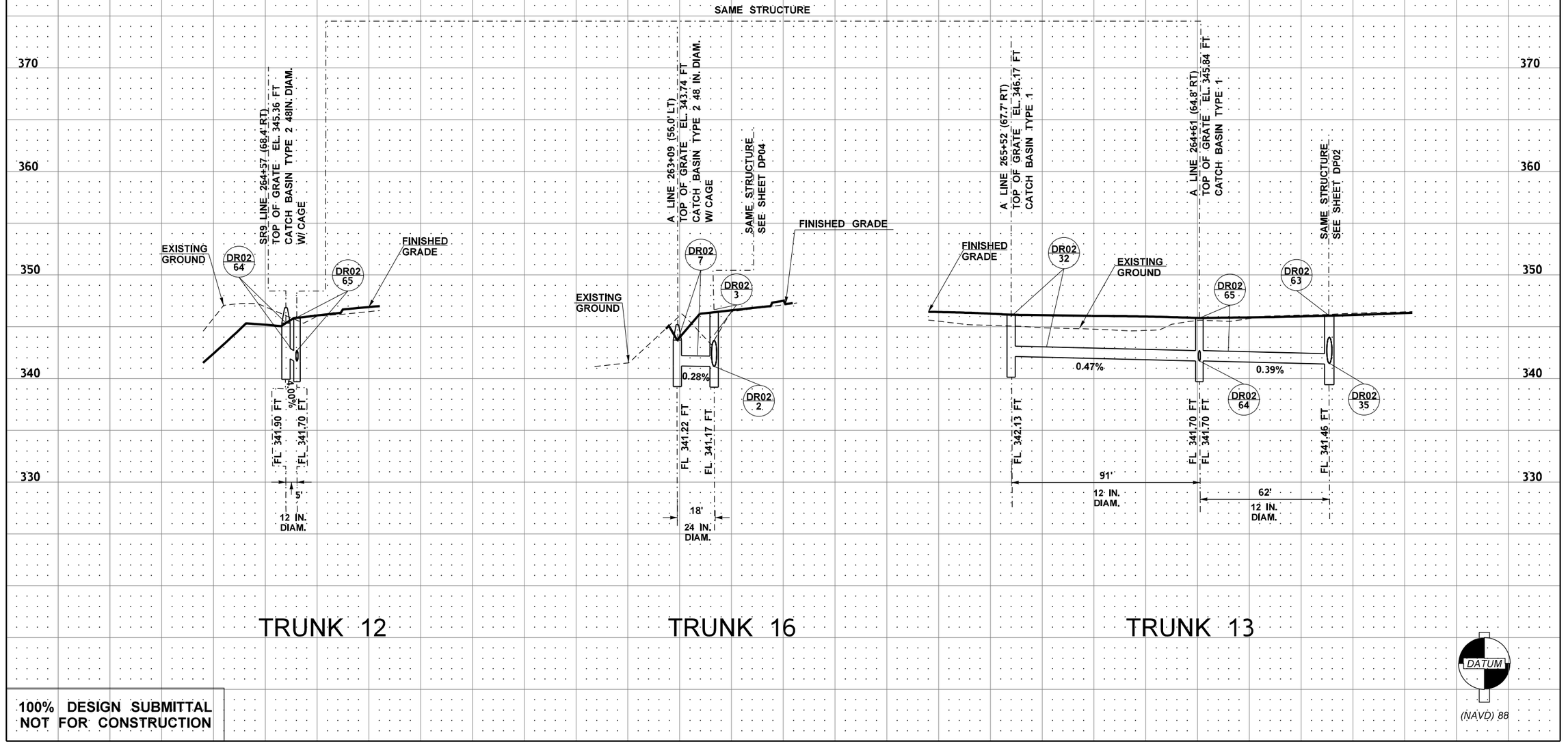

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ENTERED BY	N. CHEN						
CHECKED BY	L. THOMSEN						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY		

GREGORY S. CORNINGSTOCK — STATE OF WASHINGTON — 40803 — REGISTERED PROFESSIONAL ENGINEER
P.E. STAMP BOX — DATE

PARSONS
OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

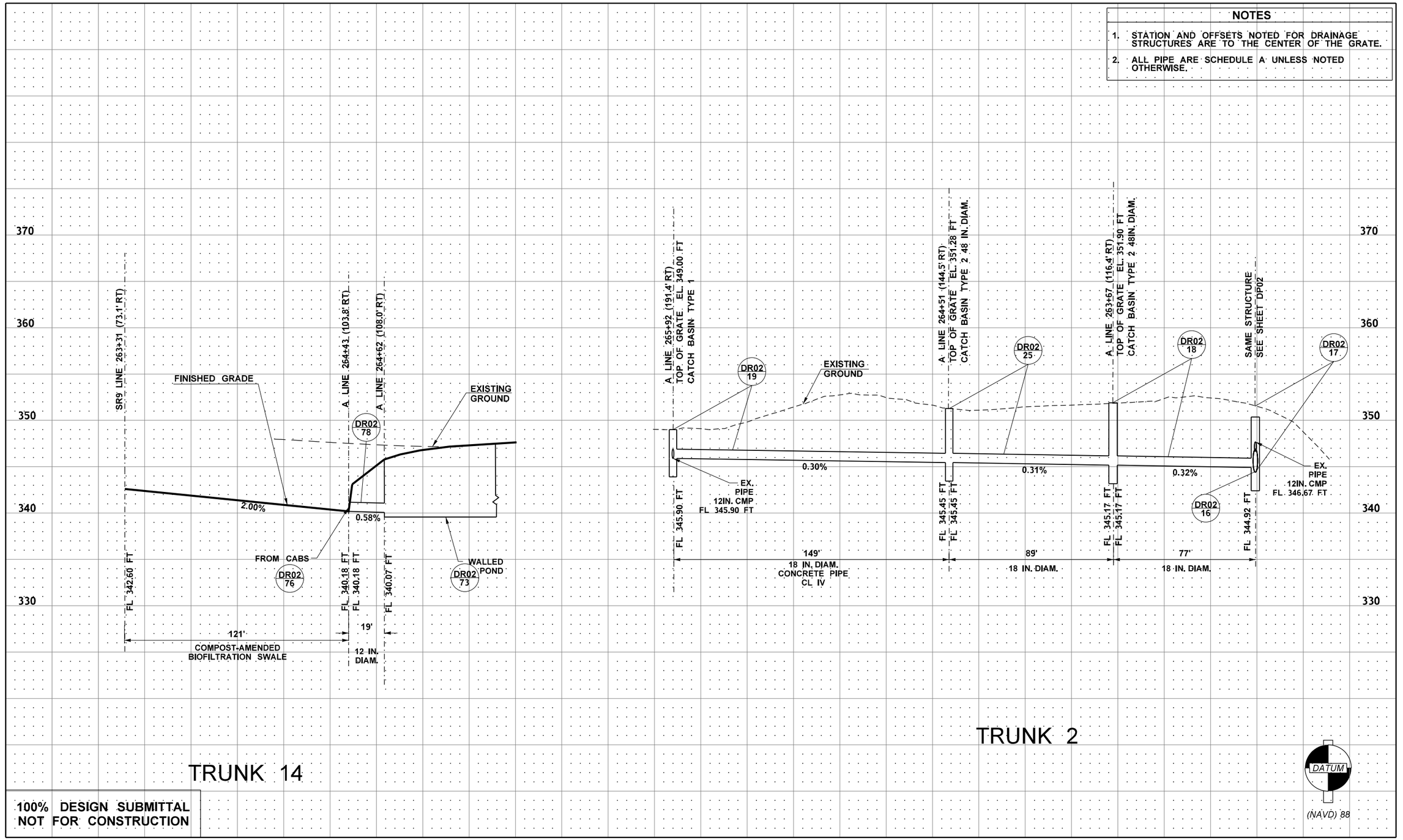
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

DRAINAGE PROFILES

PLAN REF NO
DP05
SHEET
OF
SHEETS

NOTES

1. STATION AND OFFSETS NOTED FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE GRATE.
2. ALL PIPE ARE SCHEDULE A UNLESS NOTED OTHERWISE.



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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		
18A828		
CONTRACT NO.		LOCATION NO.

DATE
P.E. STAMP BOX

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

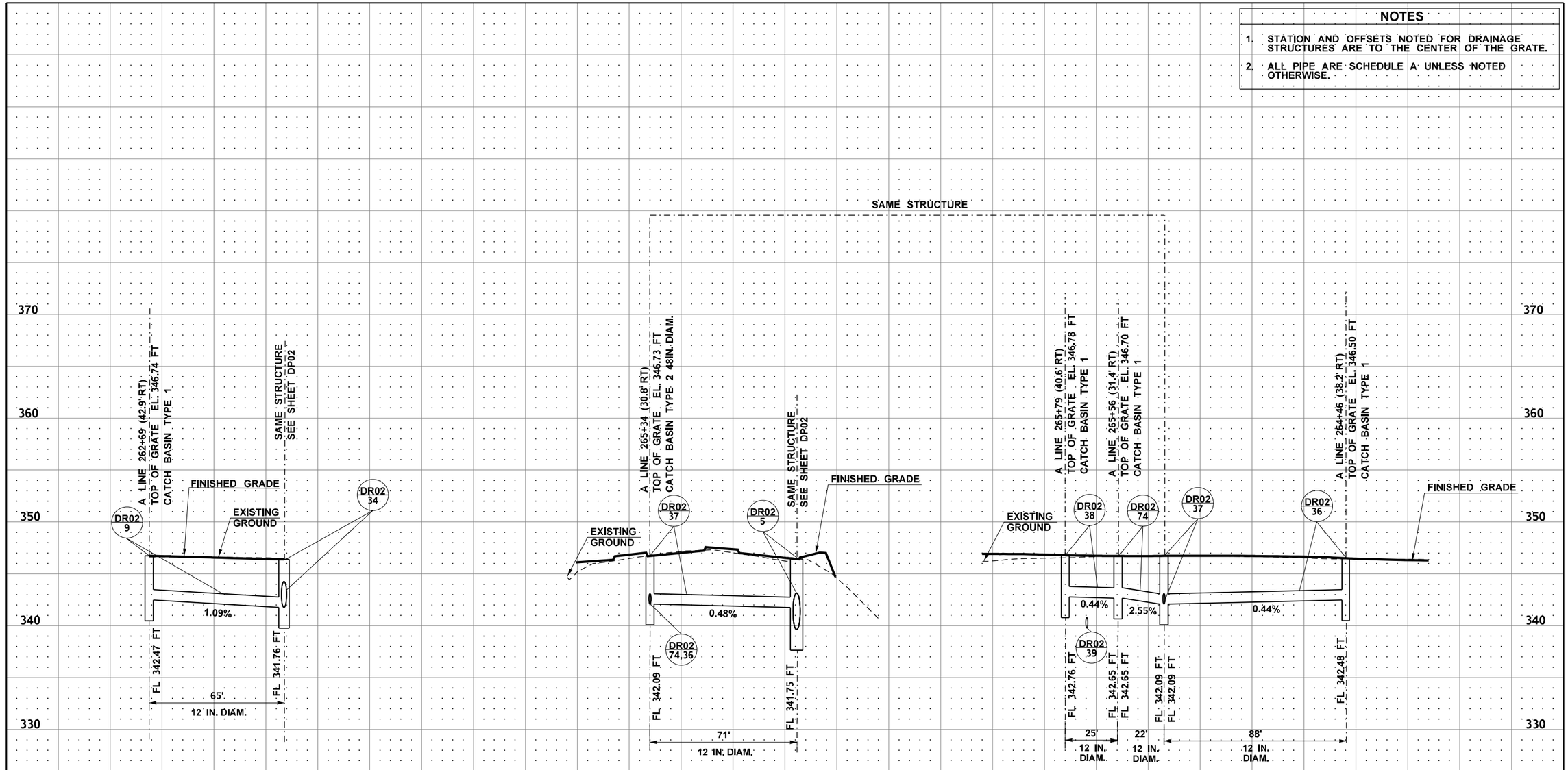
DRAINAGE PROFILES

PLAN REF NO
DP06

SHEET
OF
SHEETS

NOTES

1. STATION AND OFFSETS NOTED FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE GRATE.
2. ALL PIPE ARE SCHEDULE A UNLESS NOTED OTHERWISE.



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ENTERED BY	N. CHEN							
CHECKED BY	L. THOMSEN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

STATE OF WASHINGTON · 18803 · REGISTERED PROFESSIONAL ENGINEER
P.E. STAMP BOX
DATE

PARSONS
OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

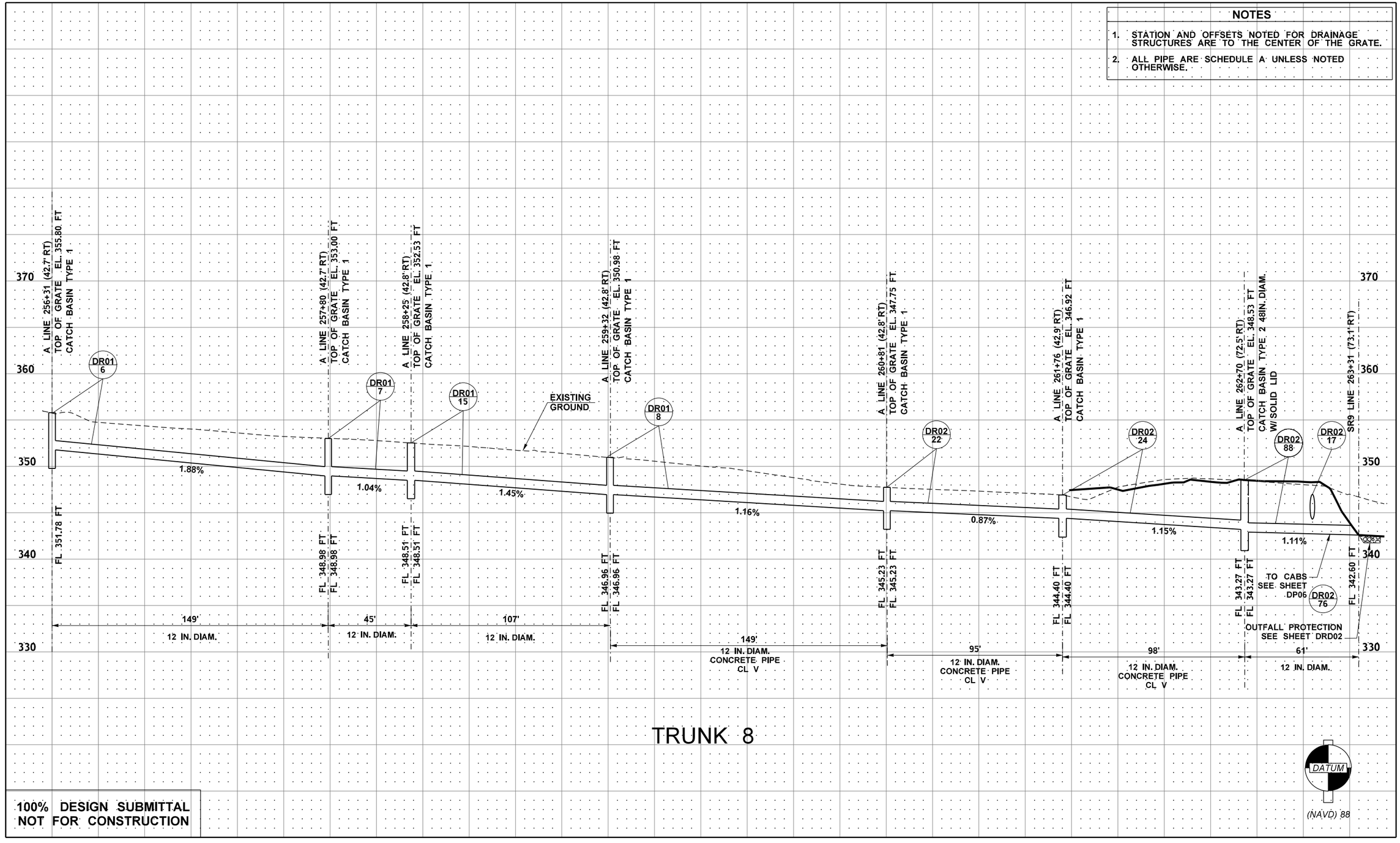
DRAINAGE PROFILES

PLAN REF NO DP07

SHEET OF SHEETS

NOTES

1. STATION AND OFFSETS NOTED FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE GRATE.
2. ALL PIPE ARE SCHEDULE A UNLESS NOTED OTHERWISE.



TRUNK 8

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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DATE	5/4/2021					JOB NUMBER		
PLOTTED BY	terrenceh					18A828		
DESIGNED BY	S. SRIDHARAN/T.HEW					CONTRACT NO.		LOCATION NO.
ENTERED BY	N. CHEN							
CHECKED BY	L. THOMSEN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

STATE OF WASHINGTON — 18803 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

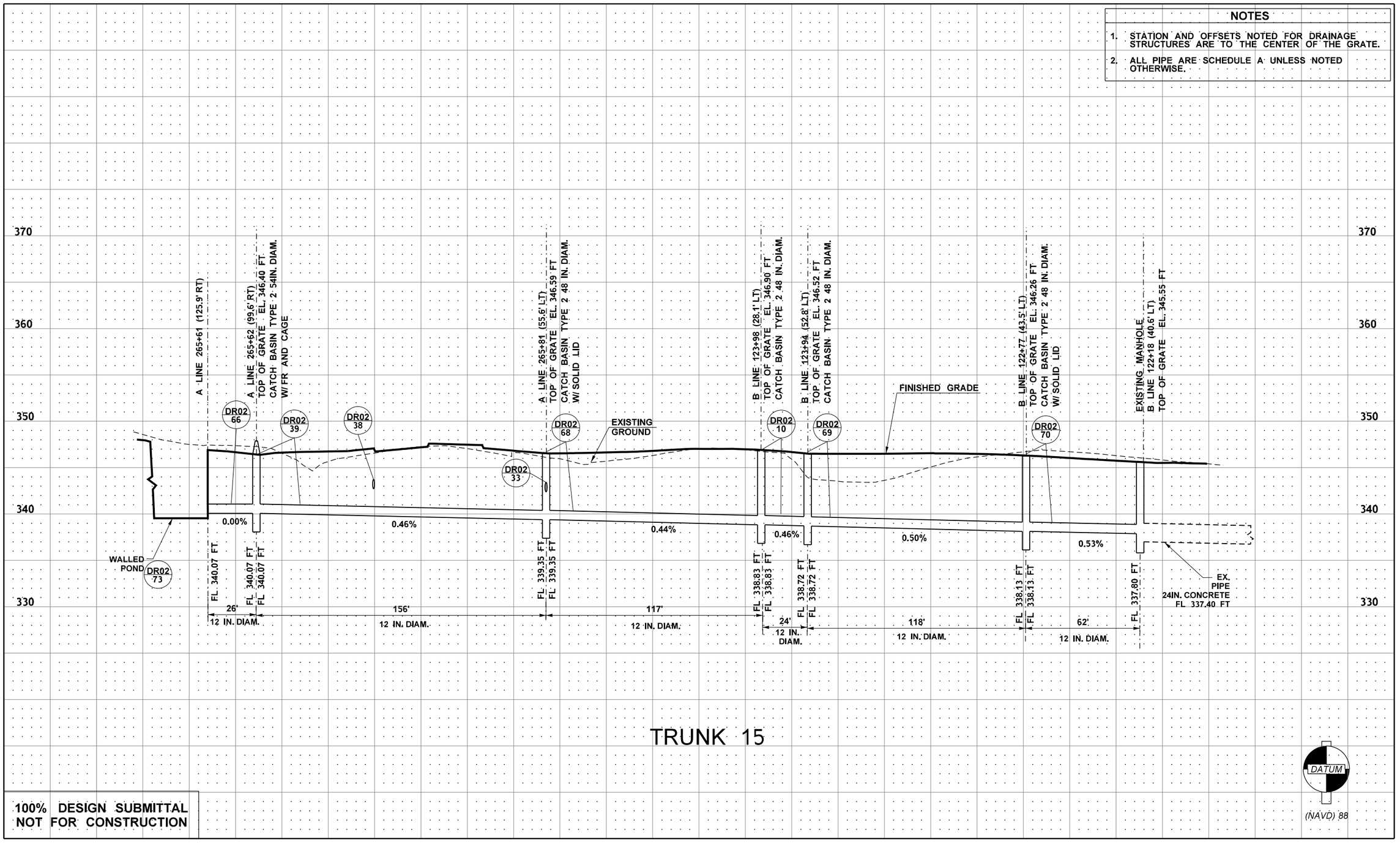
DRAINAGE PROFILES

PLAN REF NO
DP08

SHEET
OF
SHEETS

NOTES

1. STATION AND OFFSETS NOTED FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE GRATE.
2. ALL PIPE ARE SCHEDULE A UNLESS NOTED OTHERWISE.



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NOT FOR CONSTRUCTION

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DESIGNED BY	S. SRIDHARAN/T.HEW					CONTRACT NO.		LOCATION NO.
ENTERED BY	N. CHEN							
CHECKED BY	L. THOMSEN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

P.E. STAMP BOX — DATE

PARSONS
OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

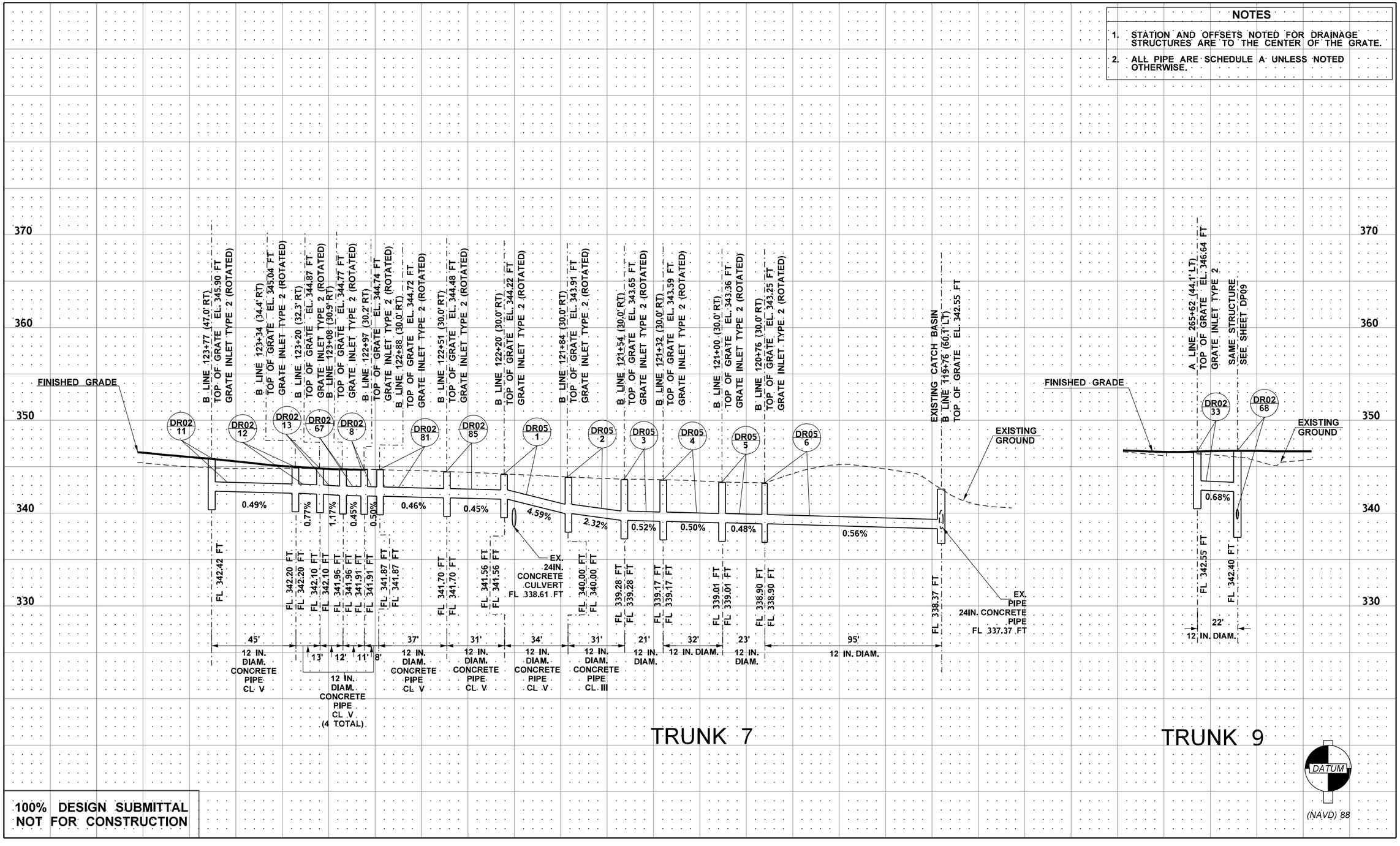
DRAINAGE PROFILES

PLAN REF NO
DP09

SHEET
OF
SHEETS

NOTES

1. STATION AND OFFSETS NOTED FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE GRATE.
2. ALL PIPE ARE SCHEDULE A UNLESS NOTED OTHERWISE.



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PLOTTED BY	terrenceh					18A828		
DESIGNED BY	S. SRIDHARAN/T.HEW					CONTRACT NO.		LOCATION NO.
ENTERED BY	N. CHEN							
CHECKED BY	L. THOMSEN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

CHRISTINE O. GREGOIRE STATE OF WASHINGTON 19803 REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX DATE

PARSONS

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

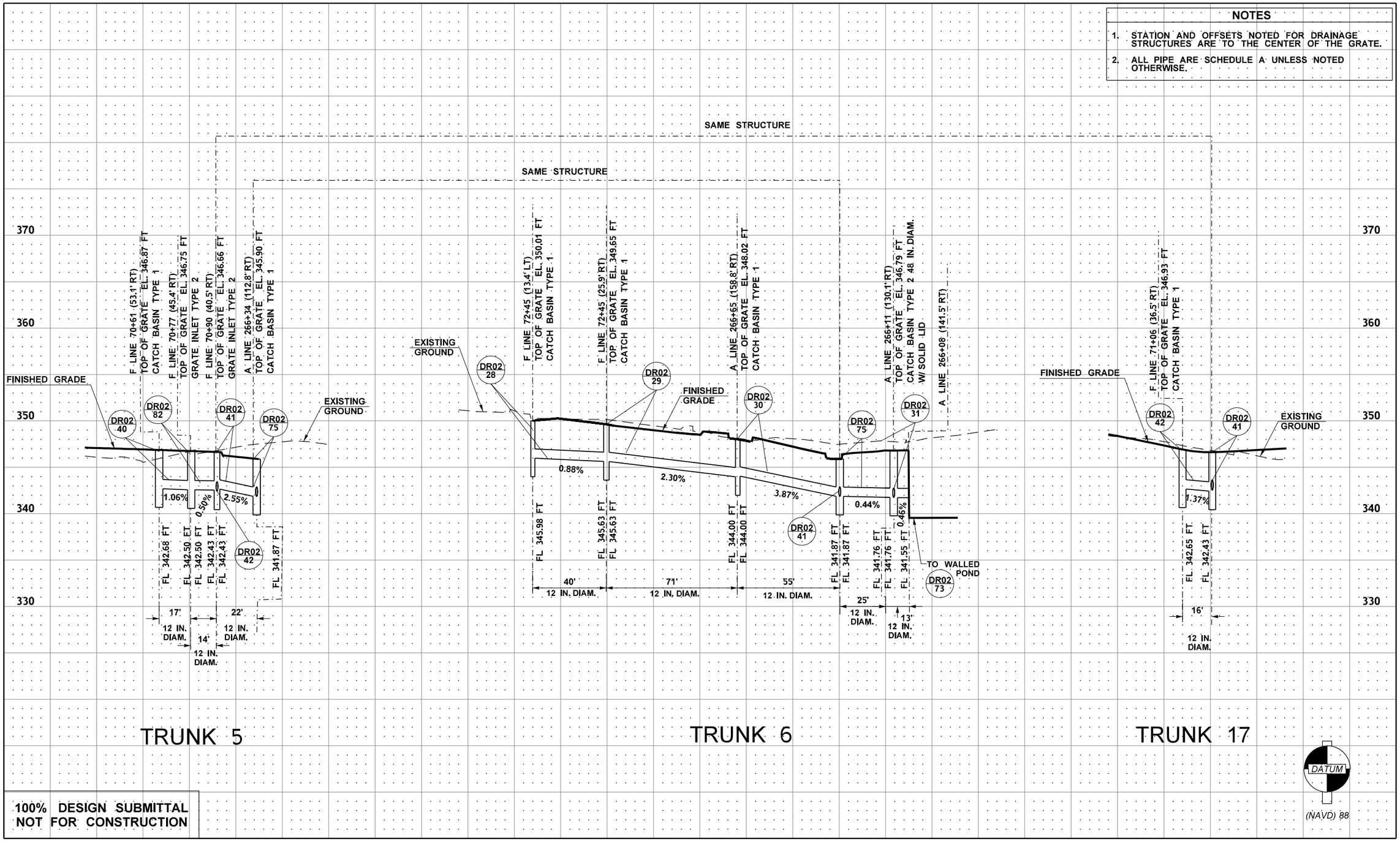
DRAINAGE PROFILES

PLAN REF NO DP10

SHEET OF SHEETS

NOTES

1. STATION AND OFFSETS NOTED FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE GRATE.
2. ALL PIPE ARE SCHEDULE A UNLESS NOTED OTHERWISE.



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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DATE	5/4/2021					
PLOTTED BY	terrenceh					
DESIGNED BY	S. SRIDHARAN/T.HEW					
ENTERED BY	N. CHEN					
CHECKED BY	L. THOMSEN					
PROJ. ENGR.	K. NDILE					
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
18A828		
CONTRACT NO.		LOCATION NO.

STATE OF WASHINGTON · JOSEPH S. JOHNSTON · 43003 · REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX DATE

PARSONS

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

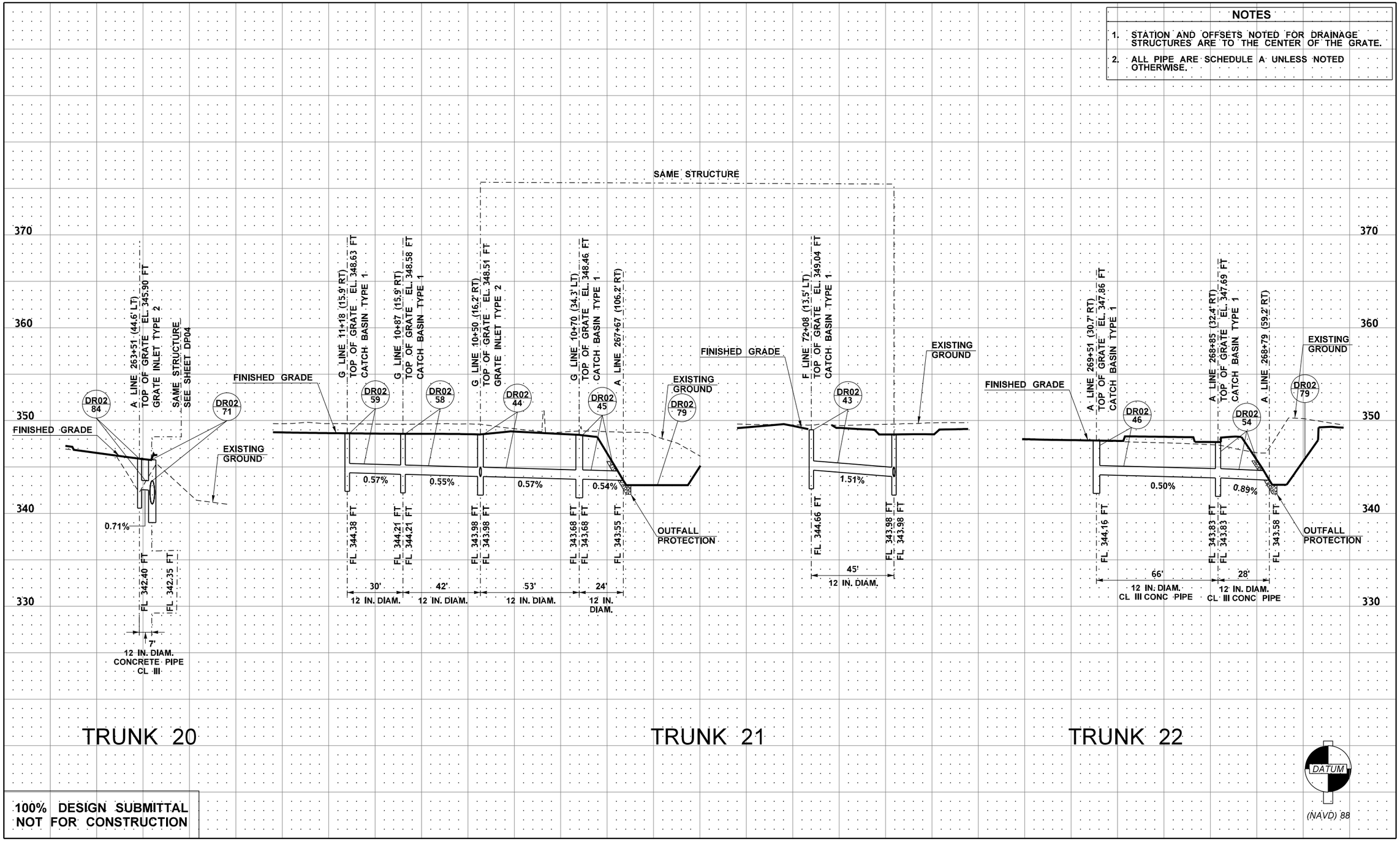
DRAINAGE PROFILES

PLAN REF NO
DP11

SHEET
OF
SHEETS

NOTES

1. STATION AND OFFSETS NOTED FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE GRATE.
2. ALL PIPE ARE SCHEDULE A UNLESS NOTED OTHERWISE.



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DATE	5/4/2021					JOB NUMBER	
PLOTTED BY	terrenceh					18A828	
DESIGNED BY	S. SRIDHARAN/T.HEW					CONTRACT NO.	LOCATION NO.
ENTERED BY	N. CHEN						
CHECKED BY	L. THOMSEN						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY		

OSBORNE N. SCORNAIENCHI — 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 3)

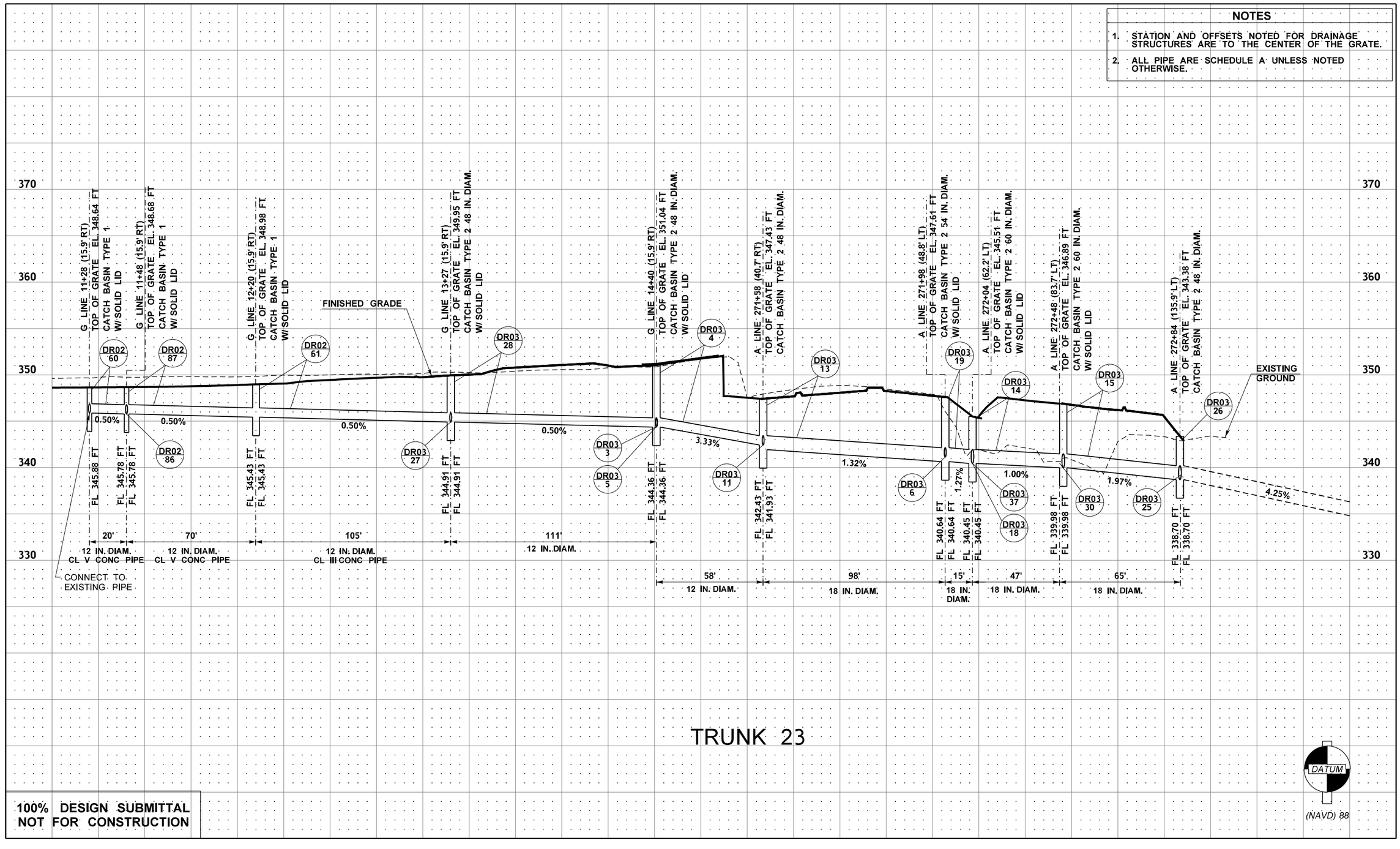
DRAINAGE PROFILES

PLAN REF NO
DP12

SHEET
OF
SHEETS

NOTES

1. STATION AND OFFSETS NOTED FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE GRATE.
2. ALL PIPE ARE SCHEDULE A UNLESS NOTED OTHERWISE.



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NOT FOR CONSTRUCTION

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DESIGNED BY	S. SRIDHARAN/T.HEW					
ENTERED BY	N. CHEN					
CHECKED BY	L. THOMSEN					
PROJ. ENGR.	K. NDILE					
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY	

REGION NO.	STATE
10	WASH

JOB NUMBER 18A828

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

DENISE S. JOHNSTON 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 3)

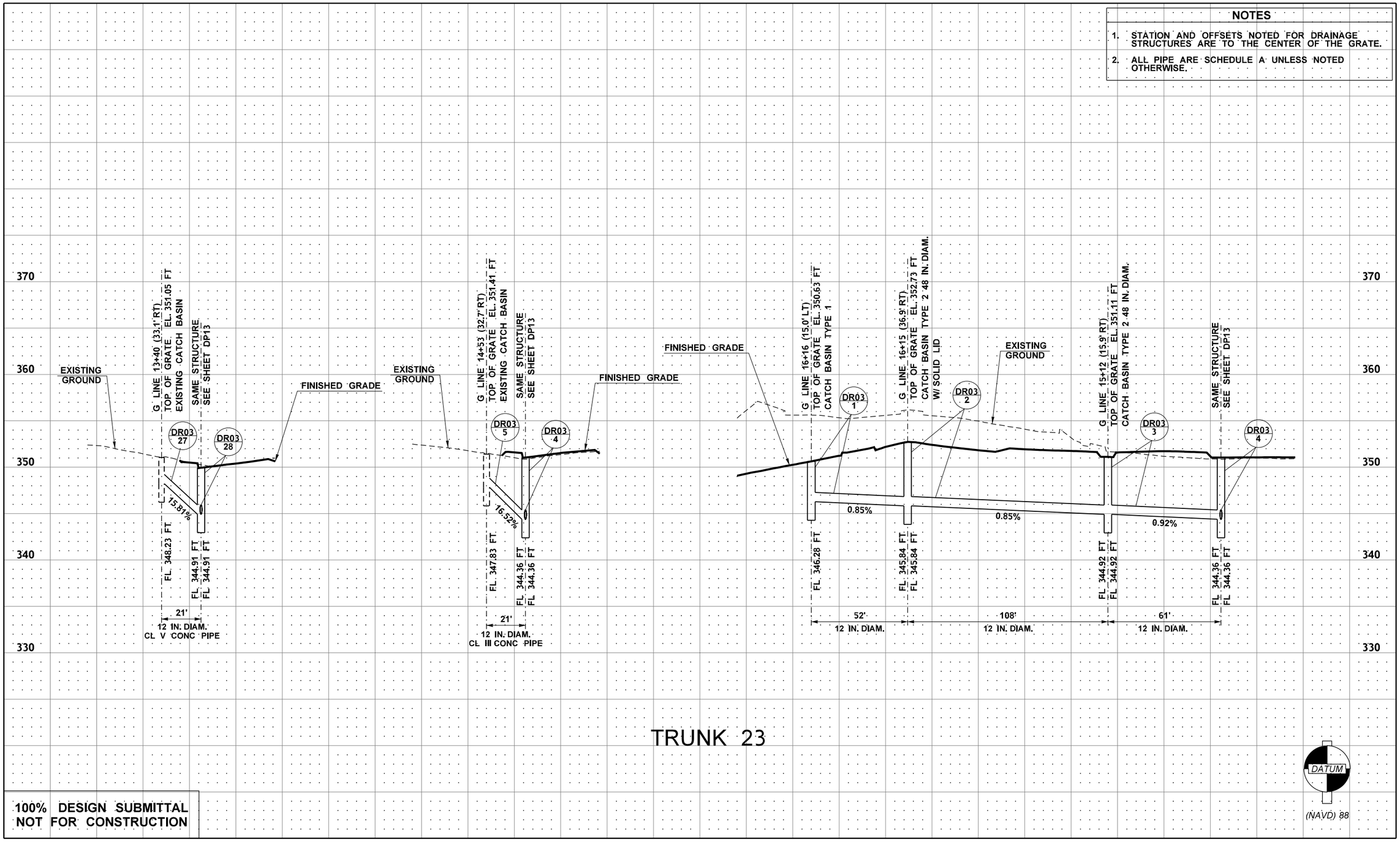
DRAINAGE PROFILES

PLAN REF NO DP13

SHEET OF SHEETS

NOTES

1. STATION AND OFFSETS NOTED FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE GRATE.
2. ALL PIPE ARE SCHEDULE A UNLESS NOTED OTHERWISE.



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NOT FOR CONSTRUCTION

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DESIGNED BY	S. SRIDHARAN/T.HEW					CONTRACT NO.		LOCATION NO.
ENTERED BY	N. CHEN							
CHECKED BY	L. THOMSEN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

STATE OF WASHINGTON — DANIELLE S. CONNELLY — 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 3)

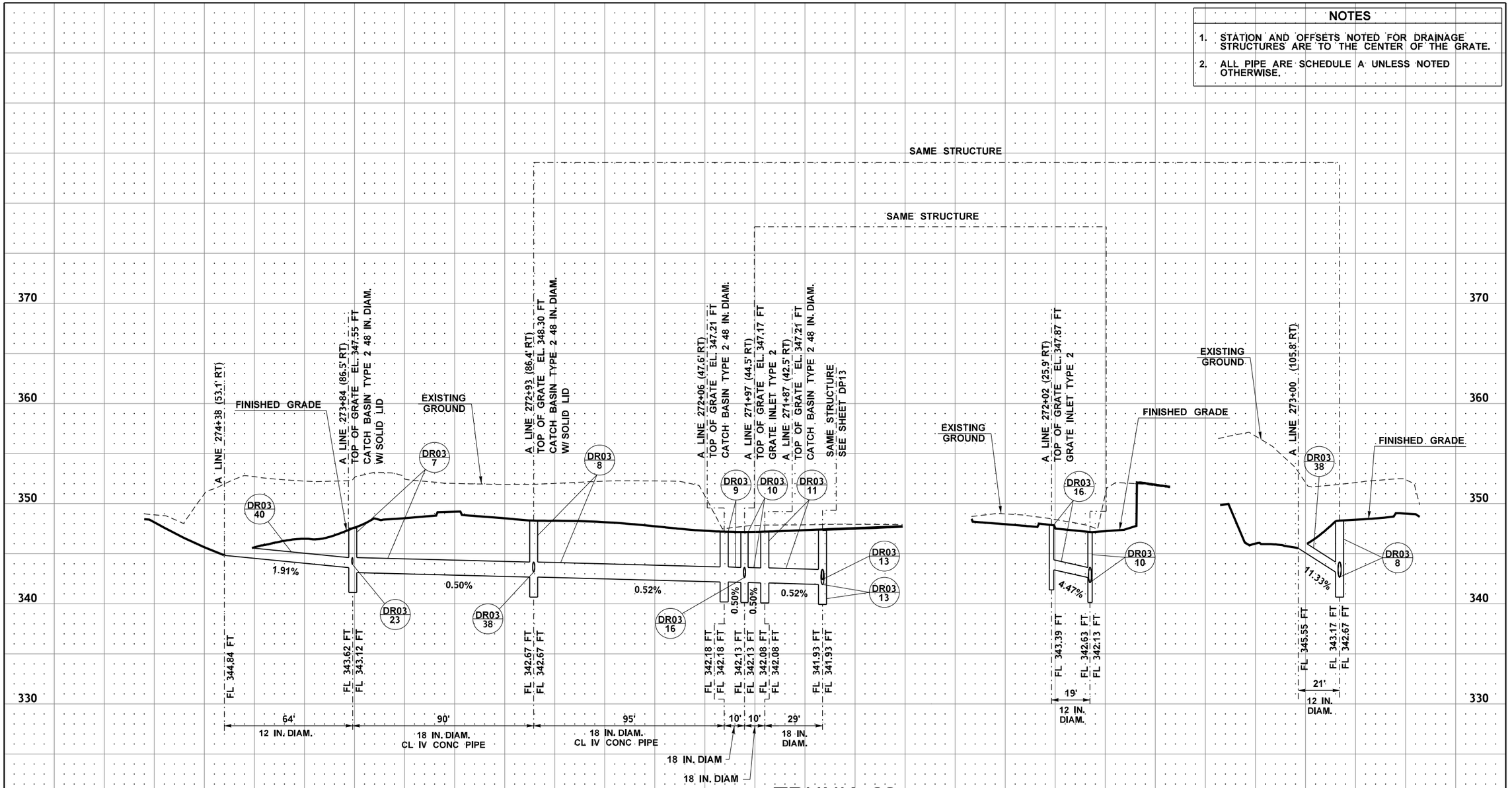
DRAINAGE PROFILES

PLAN REF NO
DP14

SHEET
OF
SHEETS

NOTES

1. STATION AND OFFSETS NOTED FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE GRATE.
2. ALL PIPE ARE SCHEDULE A UNLESS NOTED OTHERWISE.



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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DESIGNED BY	S. SRIDHARAN/T.HEW					CONTRACT NO.		LOCATION NO.
ENTERED BY	N. CHEN							
CHECKED BY	L. THOMSEN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

GIOVENNE STOWASSER — 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 3)

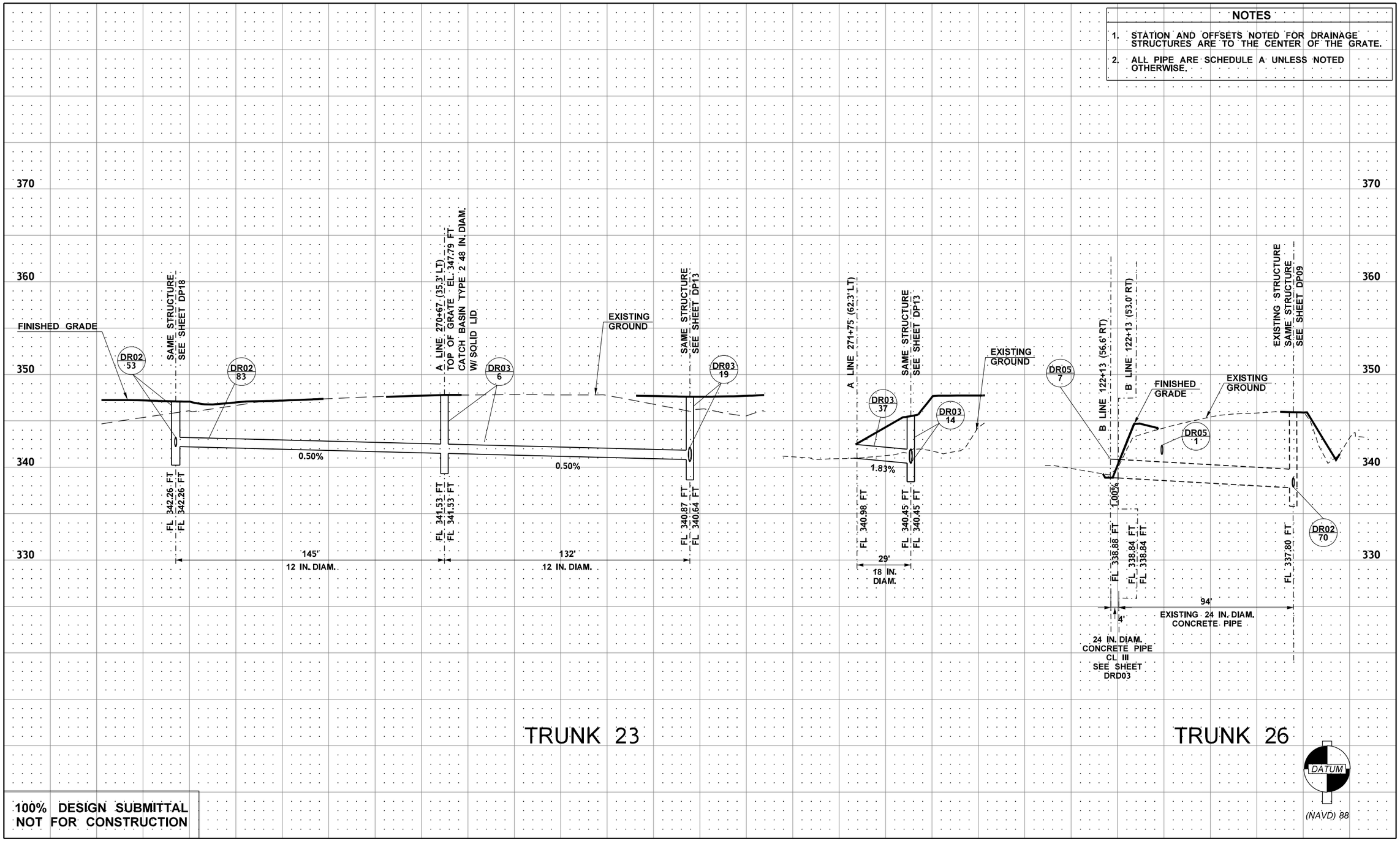
DRAINAGE PROFILES

PLAN REF NO
DP15

SHEET
OF
SHEETS

NOTES

1. STATION AND OFFSETS NOTED FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE GRATE.
2. ALL PIPE ARE SCHEDULE A UNLESS NOTED OTHERWISE.



100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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DESIGNED BY	S. SRIDHARAN/T.HEW				
ENTERED BY	N. CHEN				
CHECKED BY	L. THOMSEN				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
18A828		
CONTRACT NO.		LOCATION NO.

STATE OF WASHINGTON 46893 REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX DATE

PARSONS

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

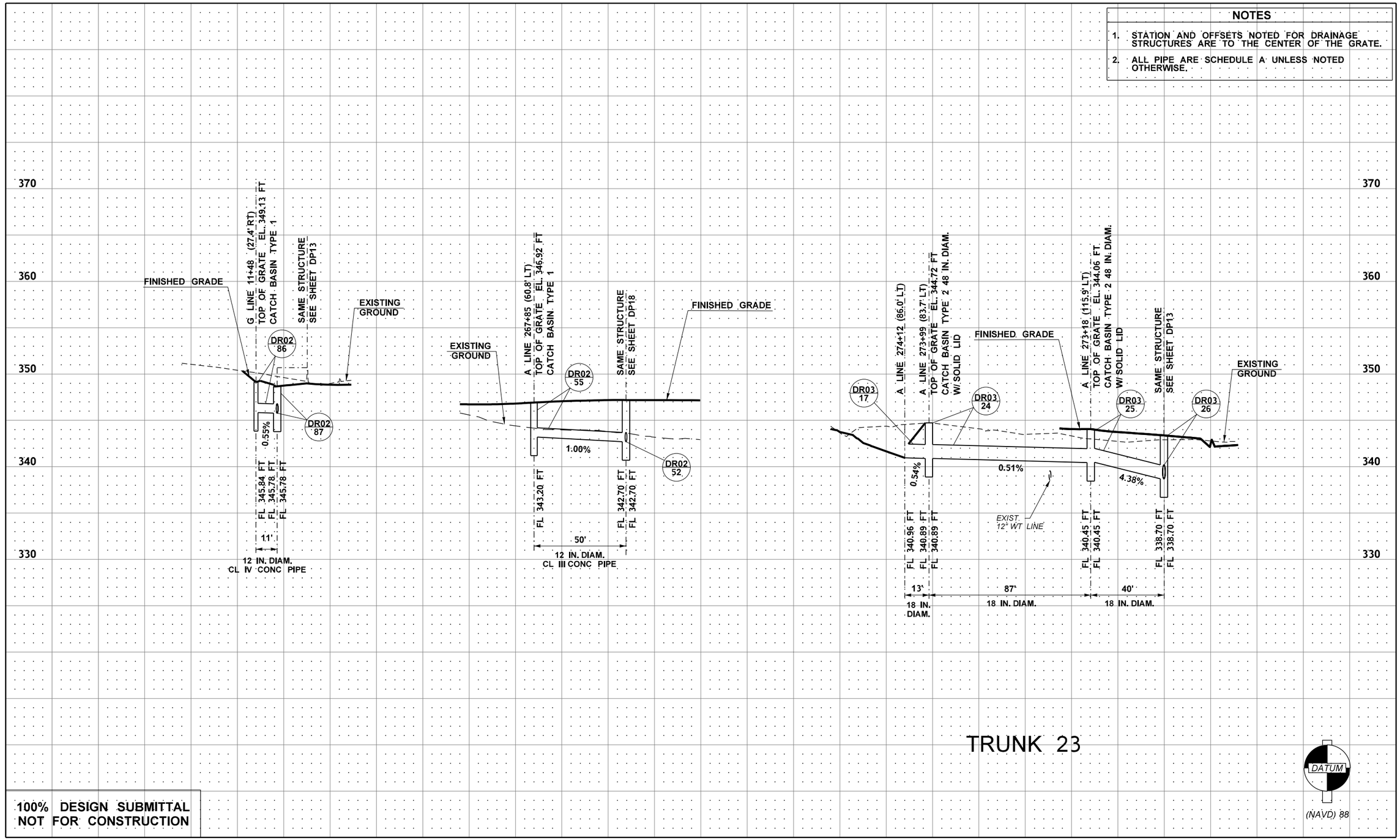
DRAINAGE PROFILES

PLAN REF NO DP16

SHEET OF SHEETS

NOTES

1. STATION AND OFFSETS NOTED FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE GRATE.
2. ALL PIPE ARE SCHEDULE A UNLESS NOTED OTHERWISE.



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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ENTERED BY	N. CHEN							
CHECKED BY	L. THOMSEN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

CHRISTINE S. O'CONNELL — 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 3)

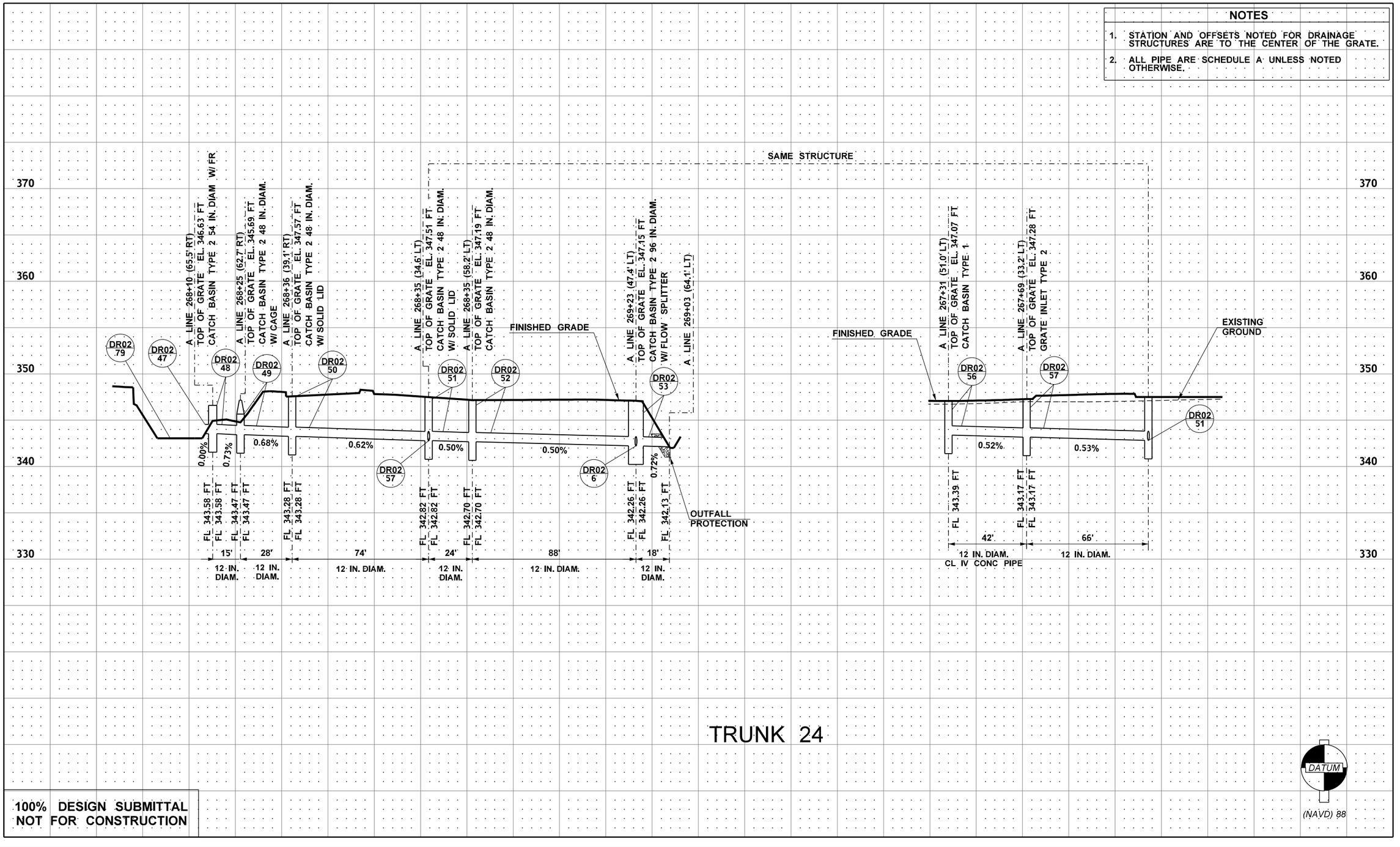
DRAINAGE PROFILES

PLAN REF NO
DP17

SHEET
OF
SHEETS

NOTES

1. STATION AND OFFSETS NOTED FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE GRATE.
2. ALL PIPE ARE SCHEDULE A UNLESS NOTED OTHERWISE.



TRUNK 24

DATUM
(NAVD) 88

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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DESIGNED BY	S. SRIDHARAN/T.HEW					CONTRACT NO.	LOCATION NO.
ENTERED BY	N. CHEN						
CHECKED BY	L. THOMSEN						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY		

CHRISTINE S. O'CONNELL STATE OF WASHINGTON 40803 REGISTERED PROFESSIONAL ENGINEER
P.E. STAMP BOX DATE

PARSONS
OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

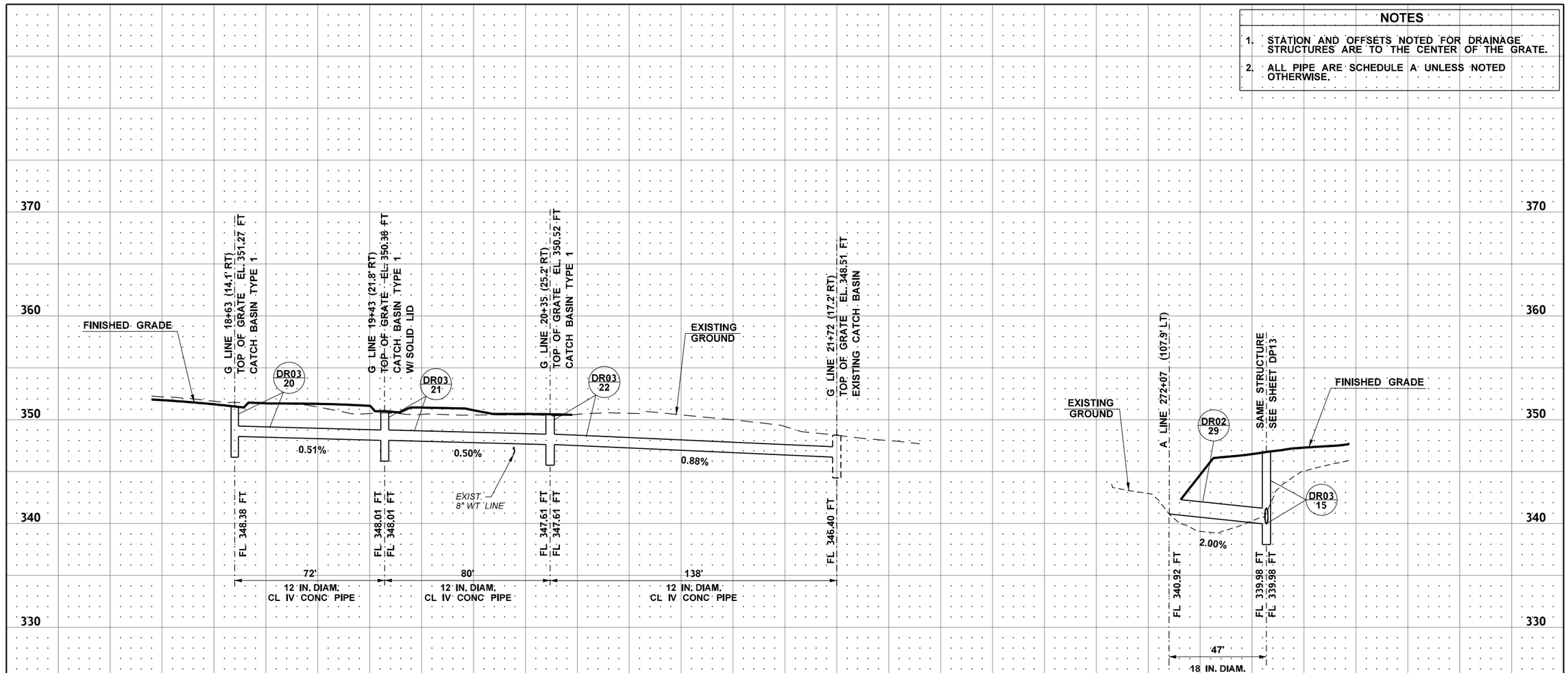
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

DRAINAGE PROFILES

PLAN REF NO
DP18
SHEET
OF
SHEETS

NOTES

1. STATION AND OFFSETS NOTED FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE GRATE.
2. ALL PIPE ARE SCHEDULE A UNLESS NOTED OTHERWISE.



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DESIGNED BY	S. SRIDHARAN/T.HEW					CONTRACT NO.		LOCATION NO.
ENTERED BY	N. CHEN							
CHECKED BY	L. THOMSEN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

STATE OF WASHINGTON — 46803 — REGISTERED PROFESSIONAL ENGINEER
P.E. STAMP BOX — DATE

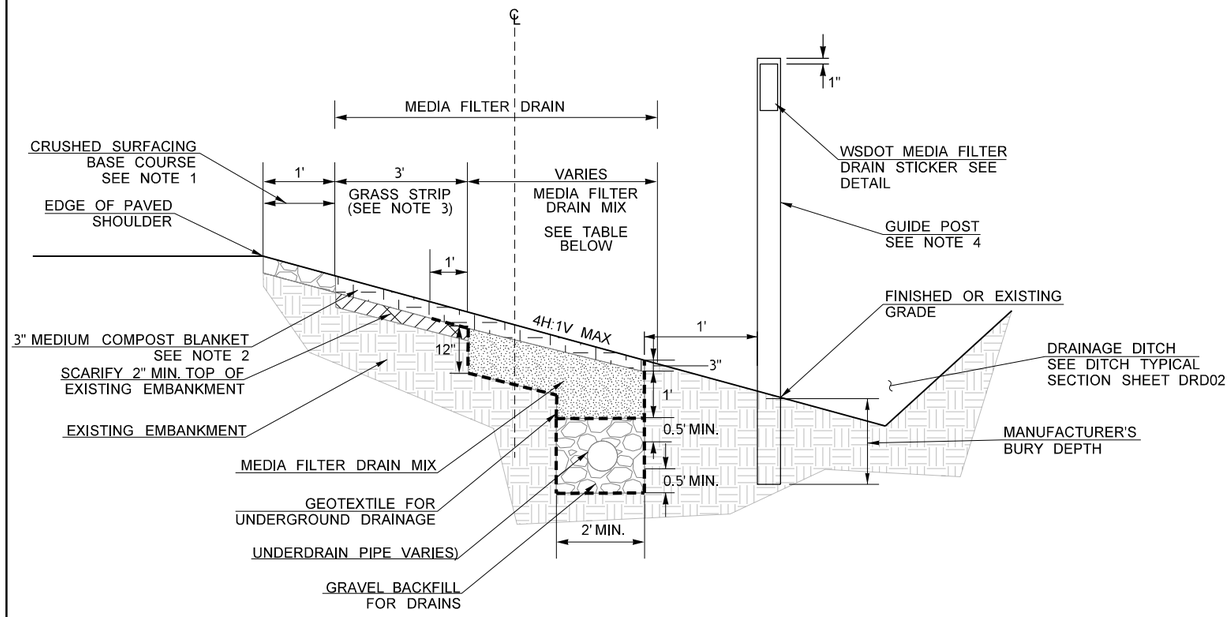
PARSONS
OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

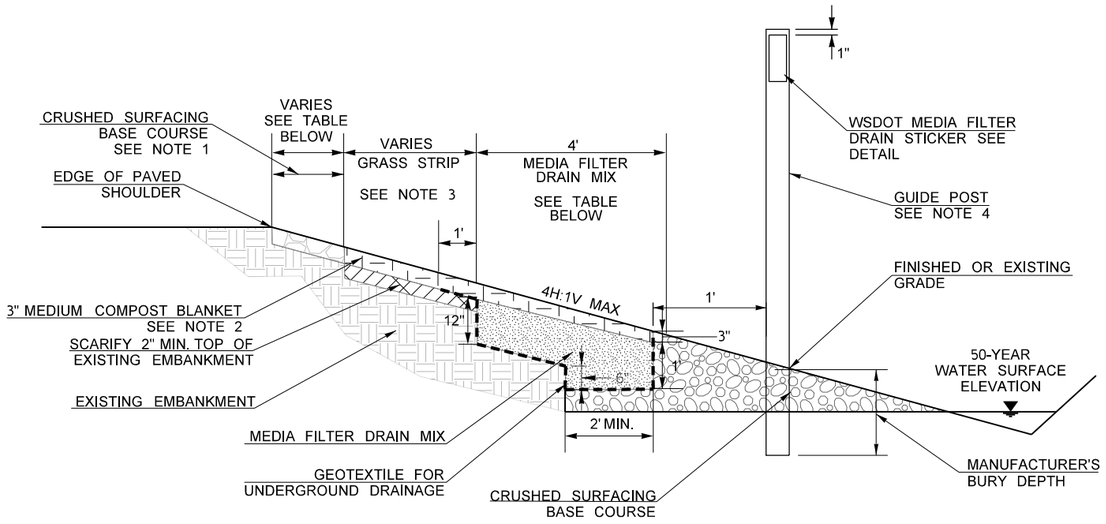
DRAINAGE PROFILES

PLAN REF NO
DP19
SHEET
OF
SHEETS



MEDIA FILTER DRAIN TYPE 1

SIDE SLOPE APPLICATION WITH UNDERDRAIN
NOT TO SCALE



MEDIA FILTER DRAIN TYPE 3

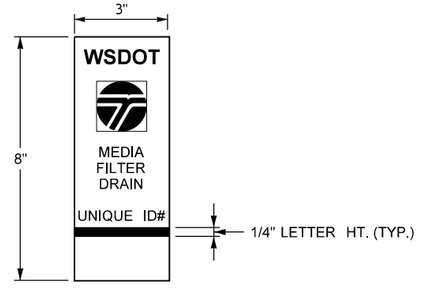
SIDE SLOPE APPLICATION WITHOUT UNDERDRAIN
NOT TO SCALE

MFD LOCATION TABLE

STRUCTURE CODE	MFD TYPE	LOCATION	LENGTH	WIDTH	UNDER-DRAIN DIAM.	CSBC	GRASS STRIP
			FEET	FEET	INCHES	FEET	FEET
DR02-14	3	A LINE STA 258+19 (52.0' LT) TO A LINE STA 262+99 (52.0' LT)	480	4	N/A	1	3
DR03-34	1	A LINE STA 269+32 (53.5' LT) TO A LINE STA 271+74 (53.6' LT)	244	4	6	1	3
DR03-32	3	A LINE STA 273+96 (78.1' LT) TO A LINE STA 278+98 (38.8' LT)	515	4	N/A	2	4
DR03-31	1	A LINE STA 273+90 (63.2' RT) TO A LINE STA 278+51 (37.2' RT)	466	4	8	1	3
DR04-1	3	A LINE STA 279+52 (52.5' LT) TO A LINE STA 282+84 (40.0' LT)	333	4	N/A	1	3

NOTES:

1. CRUSHED SURFACING BASE COURSE WITH 4-IN MIN. DEPTH.
2. ALL ITEMS NOT INCLUDED IN THIS DETAIL ARE CONSIDERED INCIDENTAL TO THE WORK IN ACCORANCE WITH SECTION 7-01 - MEDIA FILTER DRAIN OF THE SPECIAL PROVISIONS, INCLUDING BUT NOT LIMITIED TO, GEOTEXTILE. CRUSHED SURFACE BASE COURSE, COMMON BORROW, AND UNDERDRAIN PIPE.
3. EROSION CONTROL COMPOST SEEDING AND 1-INCH FINE COMPOST OVER COMPOST BLANKET IN ACCORDANCE WITH SECTION 8-02 AND LANDSCAPE PLANS.
4. GUIDE POST SHALL BE FLEXIBLE, NON-REFLECTIVE AND BROWN IN COLOR. INSTALL GUIDE POST IN ACCORDANCE WITH STD. PLAN M-24-65.
5. PLASTIC DRAINAGE MARKING IN ACCORDANCE WITH STD. PLAN M-24.65.
6. FOR FINISHED ROADWAY EMBANKMENT SLOPE, SEE ROADWAY SECTION (RS) SHEETS.



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SEE NOTE 5

WSDOT MEDIA FILTER DRAIN STICKER

NOT TO SCALE

MEDIA FILTER DRAIN

NOT TO SCALE

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

FILE NAME	c:\pw_workIng\wastate\parsons_epw16979\dms08810\Stage 3_Y-11834_PS_DRD_01.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	11:36:10 PM					10	WASH	
DATE	5/4/2021					JOB NUMBER		
PLOTTED BY	terrenceh					18A828		
DESIGNED BY	S. SRIDHARAN/T.HEW					CONTRACT NO.		LOCATION NO.
ENTERED BY	N. CHEN							
CHECKED BY	L. THOMSEN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

P.E. STAMP BOX — DATE

PARSONS

OSBORN CONSULTING INCORPORATED

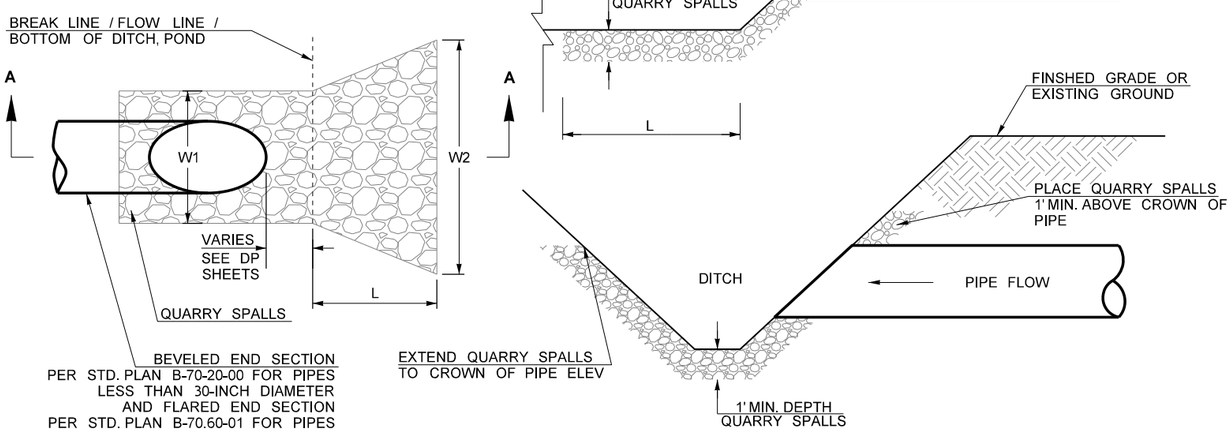
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

DRAINAGE DETAILS

PLAN REF NO
DRD01
SHEET
OF
SHEETS

PIPE OUTFALL PROTECTION			
PIPE DIA.	W1	W2	L
12"	3.0'	8.0'	8.0'
18"	4.5'	9.0'	8.0'
24"	6.0'	12.0'	8.0'
42"	10.5'	21.0'	8.0'



SECTION A-A

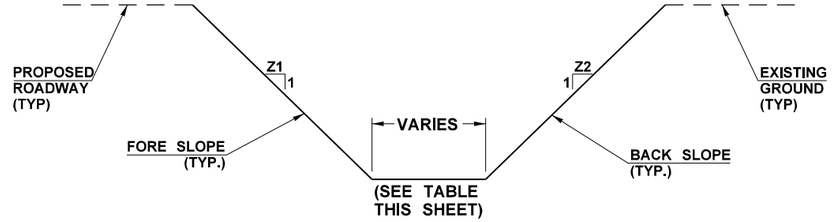
NOT TO SCALE

NOTES:

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

OUTFALL PROTECTION

NOT TO SCALE



NOTES:

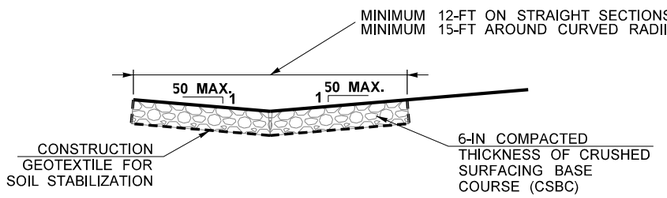
1. DITCH EXCAVATION IS INCLUDED IN ROADWAY EXCAVATION INCLUDING HAUL.
2. FOR DITCH GRADING DETAILS, SEE ROADWAY TYPICAL SECTIONS (RS) SHEETS.
3. SEE DITCH TABLE, THIS SHEET, FOR DITCH LOCATIONS.
4. MAXIMUM DITCH SIDE SLOPE IS 2H:1V. DITCH SIDE SLOPES MAY VARY FROM TYPICAL 3H:1V TO MATCH INTO EXISTING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

DITCH TYPICAL SECTION

NOT TO SCALE

DITCH TABLE							
DRAINAGE SHEET	DITCH LOCATION	BOTTOM WIDTH	BOTTOM LENGTH	FRONT SLOPE (Z1)	BACK SLOPE (Z2)	LONGITUDINAL SLOPE	MIN. DITCH DEPTH REQUIRED*
		LF	LF	X:1	X:1	PERCENT	FT
DR03	A LINE STA 278+89 (47.6' LT) TO STA 274+67 (51.8' LT)	0	372	4.5	3.5	0.50	2.20
DR01, DR02	A LINE STA 258+18 (56.0' LT) TO STA 263+09 (56.0' LT)	0	491	2	2	1.06	2.12
DR02, DR03	A LINE STA 269+30 (66.3' LT) TO STA 271+75 (62.3' LT)	5	245	3	0	0.40	1.82
DR02, DR03	A LINE STA 269+30 (66.3' LT) TO STA 271+75 (62.3' LT)	1	245	0	3	0.40	1.57
DR03	A LINE STA 279+20 (38.4' RT) TO STA 273+91 (86.5' RT)	0	414	4	4	0.33	2.31
DR03, DR05	H LINE STA 27+95 (25.0' LT) TO STA 25+68 (22.0' LT)	0	215	4	2	1.32	1.98
DR02, DR05	B LINE STA 123+42 (66.8' RT) TO STA 122+13 (56.6' RT)	3	126	2	3	0.27	4.13
DR04	A LINE STA 279+52 (58.5' LT) TO STA 282+45 (46.8' LT)	0	333	4	3	0.70	2.10

* REQUIRED DEPTH OF DITCH FROM EDGE OF PAVEMENT = 10-YR FLOW DEPTH + FREEBOARD + PROPOSED DEPTH TO SUBGRADE (HMA + CSCB) OR REQUIRED DEPTH OF DITCH FOR MFD = DEPTH FROM TOE OF MFD SLOPE = 50-YR FLOW DEPTH



NOTES:

1. FOR ADDITIONAL SLOPE AND SECTION DETAILS, SEE DRAINAGE DETAIL SHEET DRD06 AND DRD07.
2. SEE ROADWAY AND GRADING PLANS FOR STATION OFFSETS AND ELEVATIONS ALONG THE MAINTENANCE ACCESS ROAD FOR THE WALLED POND, IN ORDER TO EFFECTIVELY GRADE IN THE CABS.

MAINTENANCE ACCESS ROAD QUANTITIES (WALLED POND)			
CRUSHED SURFACING BASE COURSE (CSBC)	COMMON BORROW INCL. HAUL	ROADWAY EXCAVATION INCL. HAUL	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION
TONS	CU YD	CU YD	SY
165	69	400	590

MAINTENANCE ACCESS ROAD TYPICAL SECTION

NOT TO SCALE

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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DATE	5/4/2021					JOB NUMBER		
PLOTTED BY	terrenceh					18A828		
DESIGNED BY	S. SRIDHARAN/T.HEW					CONTRACT NO.		LOCATION NO.
ENTERED BY	N. CHEN							
CHECKED BY	L. THOMSEN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

CHRISTINE S. CONNOLLY STATE OF WASHINGTON 40801 REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

OSBORN CONSULTING INCORPORATED

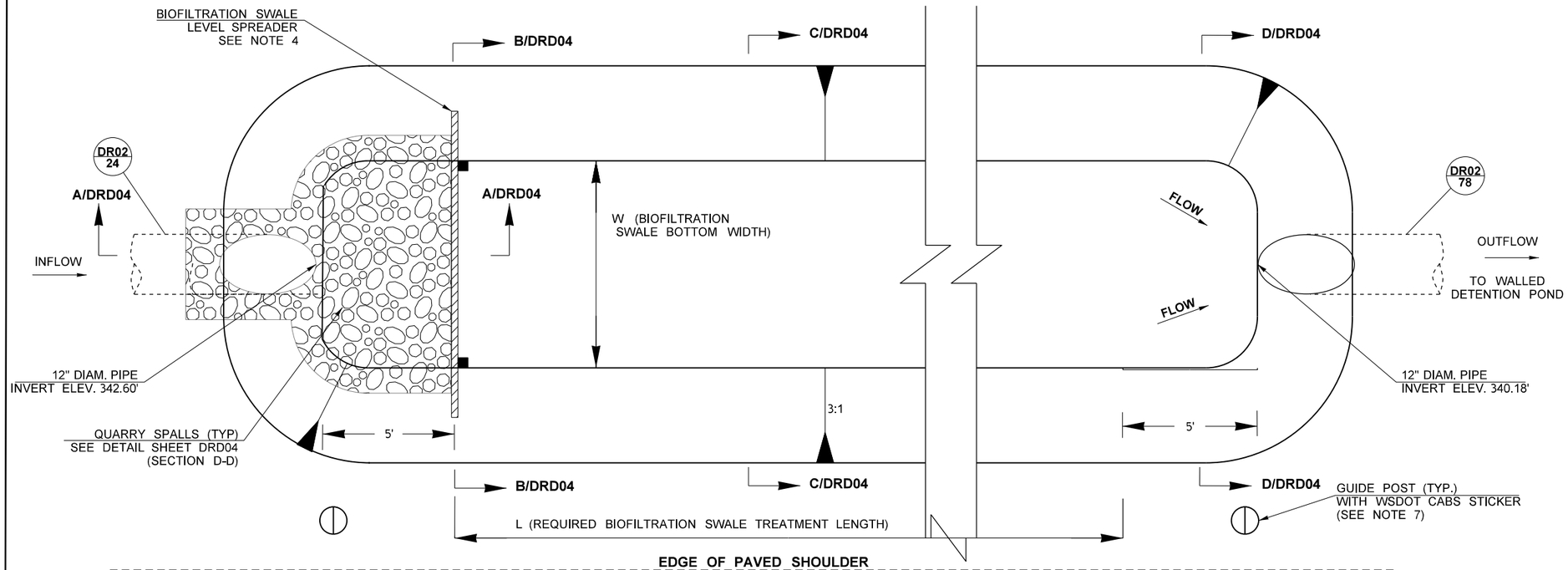
Washington State Department of Transportation

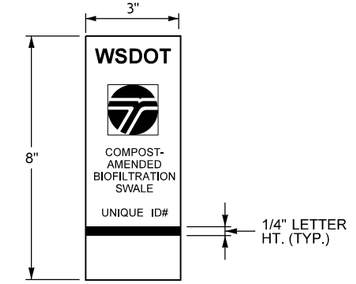
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

DRAINAGE DETAILS

PLAN REF NO
DRD02

SHEET
OF
SHEETS





WHITE TEXT ON
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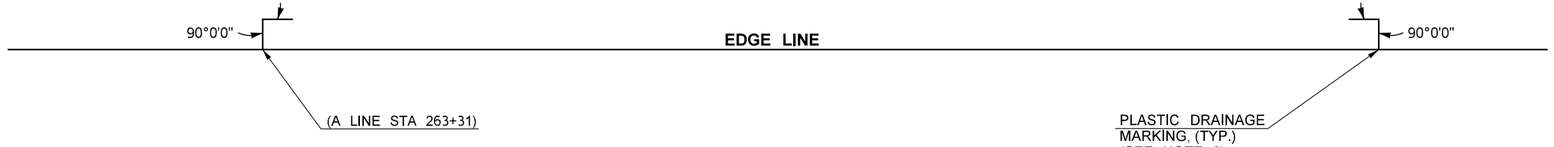
SEE NOTE 7

WSDOT CABS STICKER

NOT TO SCALE

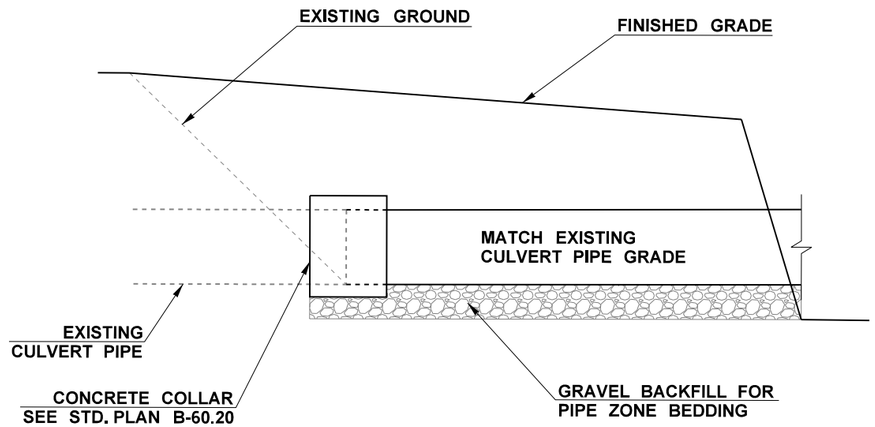


NOTES:

1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
2. FOR LOCATION OF COMPOST AMENDED BIOFILTRATION SWALE, SEE DRAINAGE PLAN SHEET DR02 AND DRAINAGE PROFILE SHEET DP07.
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 DRDXX (TO BE COMPLETED AT 90% SUBMITTAL).
5. CABS COMPOST SEEDING IN ACCORDANCE WITH SPECIAL PROVISION SECTION 8-02.
6. PLASTIC DRAINAGE MARKER IN ACCORDANCE WITH STANDARD PLAN M-24.65.
7. GUIDE POST SHALL BE FLEXIBLE, NON-REFLECTIVE AND BROWN IN COLOR. INSTALL GUIDE POST IN ACCORDANCE WITH STD. PLAN M-24.65.

CABS TABLE

CABS ID	W	L	H	LONGITUDINAL SLOPE	MEDIUM COMPOST	TOPSOIL TYPE A
	FT	FT	FT	%	ACRES	ACRES
DR02-76	2.0	121	1.15	2.0	0.1	0.1



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

COMPOST AMENDED BIOFILTRATION SWALE (CABS) PLAN VIEW

NOT TO SCALE

DR02
76

CULVERT EXTENSION PIPE DETAIL

NOT TO SCALE

DR05
7

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DESIGNED BY	S. SRIDHARAN/T.HEW					CONTRACT NO.		LOCATION NO.
ENTERED BY	N. CHEN							
CHECKED BY	L. THOMSEN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

CHRISTINE S. COVINGTON
STATE OF WASHINGTON
40807
REGISTERED
PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

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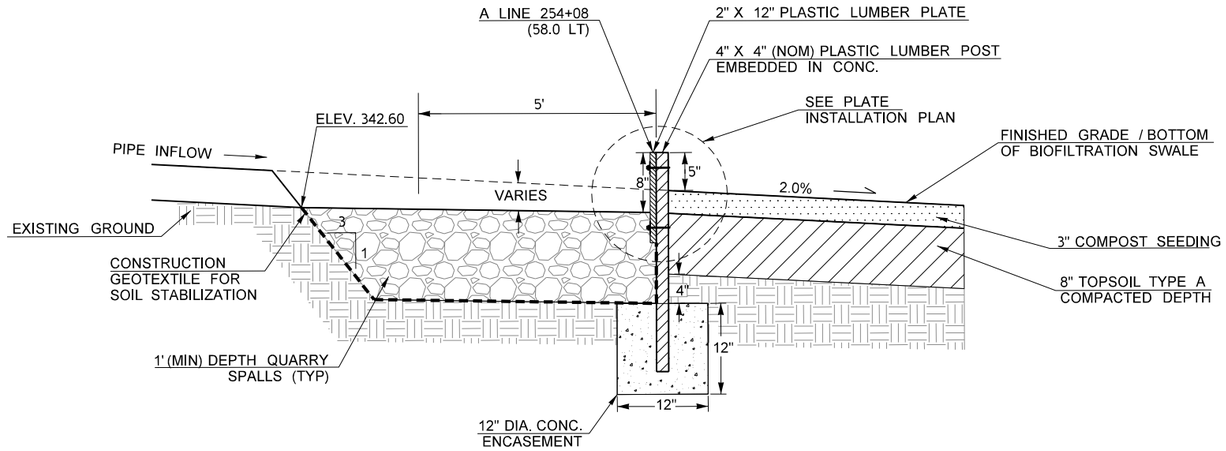
Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 3)

DRAINAGE DETAILS

PLAN REF NO
DRD03

SHEET
OF
SHEETS

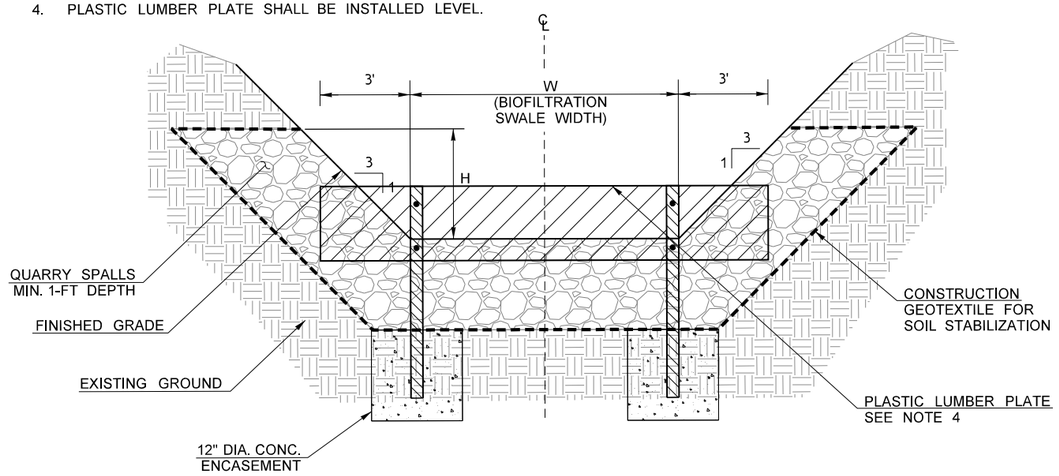


SECTION A-A SHEET DRD03

NOT TO SCALE

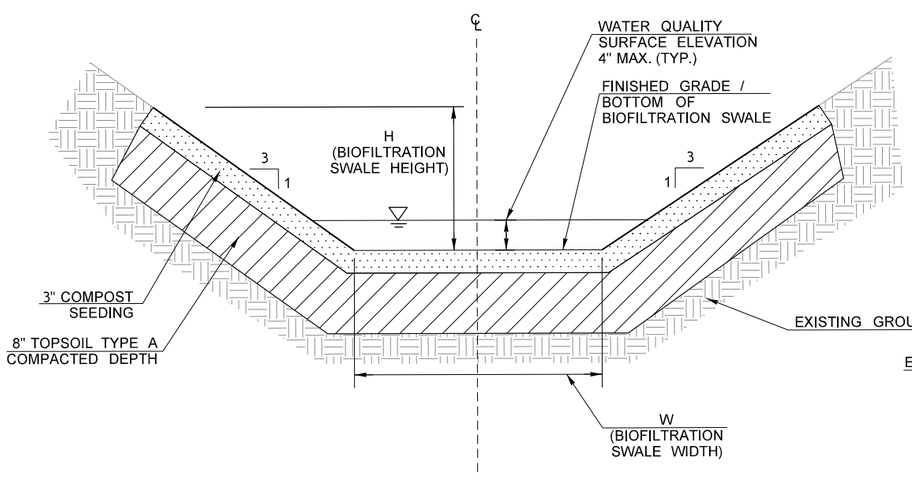
NOTES:

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.



BIOFILTRATION SWALE LEVEL SPREADER SECTION B-B SHEET DRD03

NOT TO SCALE



SECTION C-C SHEET DRD03

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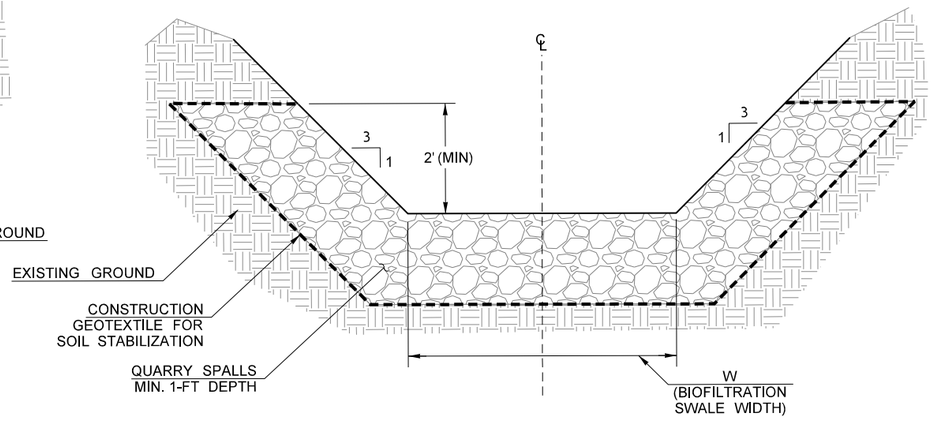

SECTION D-D SHEET DRD03

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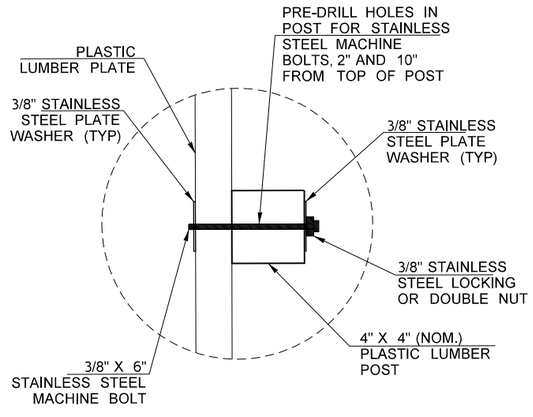

PLATE INSTALLATION PLAN

NOT TO SCALE

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

COMPOST AMENDED BIOFILTRATION SWALE (CABS) SECTION VIEW

DR02
76

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DESIGNED BY	S. SRIDHARAN/T.HEW					CONTRACT NO.		LOCATION NO.
ENTERED BY	N. CHEN							
CHECKED BY	L. THOMSEN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

P.E. STAMP BOX — DATE

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SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

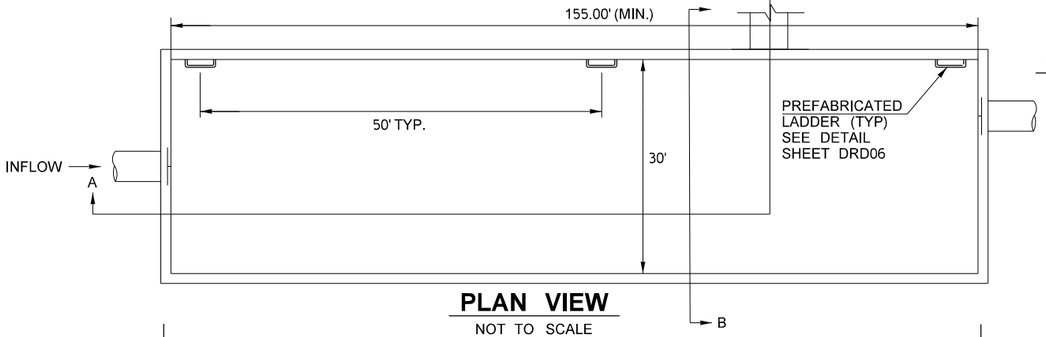
DRAINAGE DETAILS

PLAN REF NO
DRD04

SHEET
OF
SHEETS

DETENTION POND DESIGN TABLE			
POND ID	POND BOTTOM ELEVATION (LIVE STORAGE)	DESIGN WSEL	STORAGE VOLUME AT DESIGN WSEL
			CUBIC FEET
DR02-73	340.07'	343.07'	13,680

DETENTION POND QUANTITIES			
STRUCTURE ID	CHAIN LINK FENCE	DOUBLE 14-FT GATE	STRUCTURE EXCAVATION CL A INCL HAUL
	LF	EACH	CY
DR02-73	440	1	1353



PLAN VIEW
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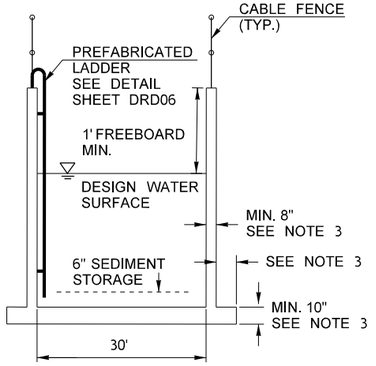
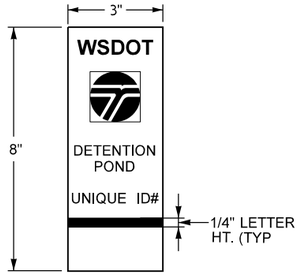


SECTION B-B
NOT TO SCALE



WHITE TEXT ON GREEN BACKGROUND SEE NOTE 5

WSDOT WALLED DETENTION POND STICKER
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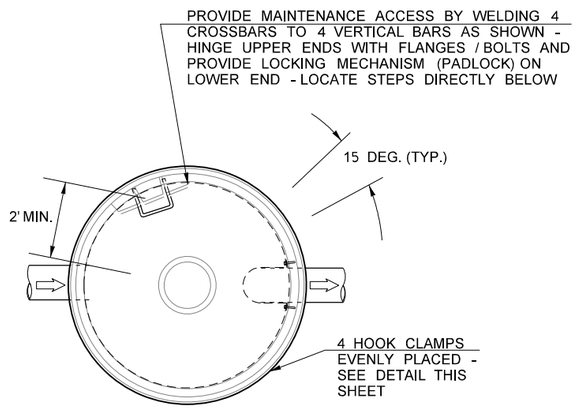
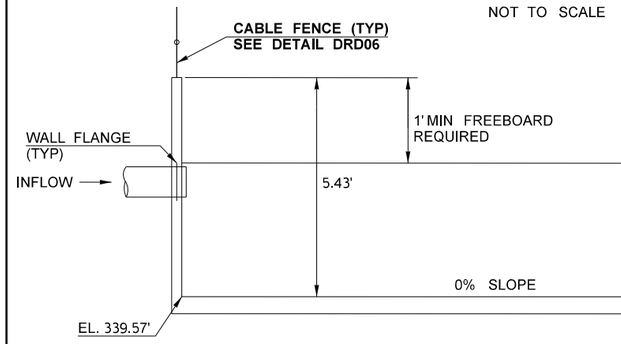
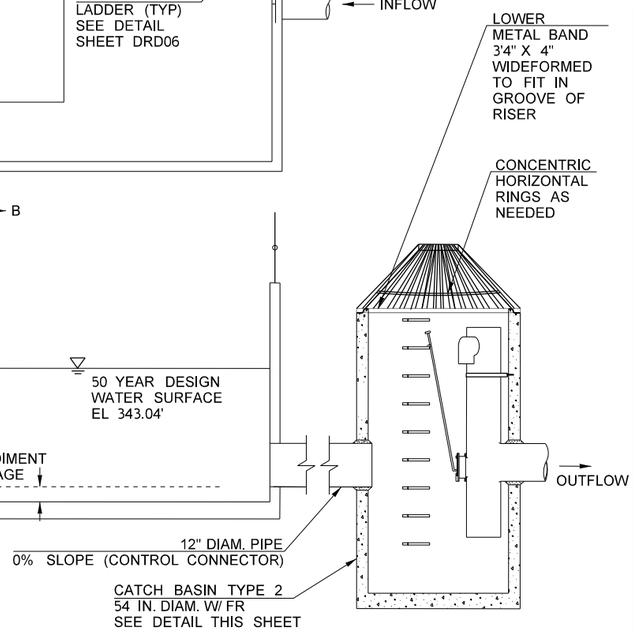
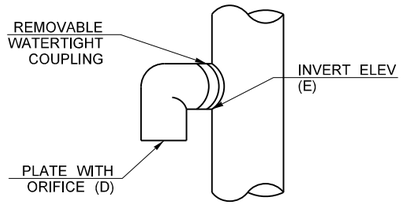


PLAN VIEW



SECTION A-A
NOT TO SCALE





ELBOW DETAIL
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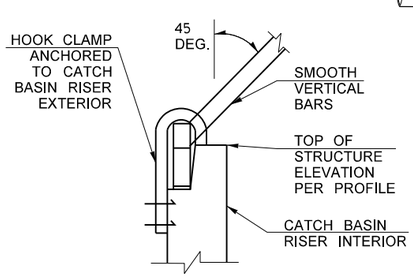

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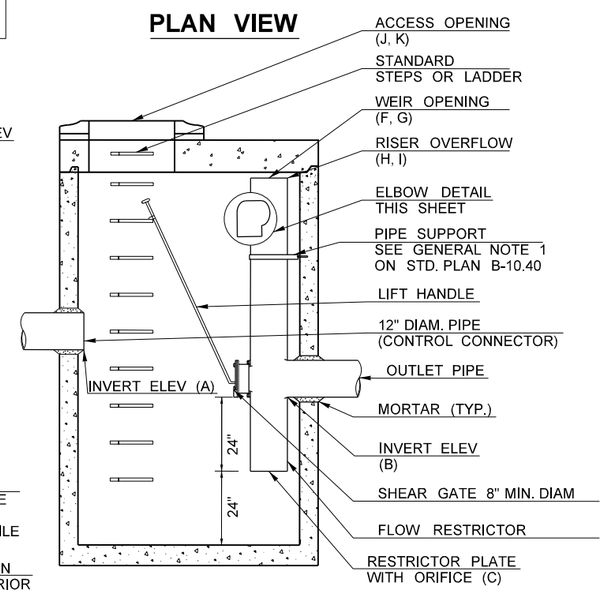

FLOW RESTRICTOR DETAIL
NOT TO SCALE

NOTES:

1. FOR GENERAL NOTES, DIMENSIONS, AND DETAILS NOT SHOWN SEE STD PLN B-10.40 FOR CATCH BASIN 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.

WALLED DETENTION POND TYPICAL DETAIL

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

STRUCTURE NO.	PIPE DIAMETER (IN AND OUT)	PIPE INVERT IN (A)	PIPE INVERT OUT (B)	RESTRICTOR PLATE ORIFICE DIA (C)	DOWNTURN ELBOW ORIFICE DIA (D)	DOWNTURN ELBOW ORIFICE ELEVATION (E)	WEIR TYPE AND LENGTH (F)	WEIR ELEVATION (G)	RISER DIA (H)	RISER OVERFLOW ELEVATION (I)	ACCESS OPENING TYPE (J)	ACCESS OPENING RIM ELEVATION (K)
	IN	FT	FT	IN	IN	FT		FT	IN	FT		FT
DR02-39	12	340.07	340.07	1.37	1.69	342.07	RECTANGULAR WEIR THAT INTERSECTS AT RISER TOP, 0.60 FT	342.87	12	343.07	BEEHIVE GRATE	346.40
DR02-48	12	343.58	343.58	1.55	N/A	N/A	RECTANGULAR WEIR THAT INTERSECTS AT RISER TOP, 0.12 FT	345.13	12	345.63	CIRCULAR FRAME (RING) AND COVER TYPE 2	347.63

CATCH BASIN TYPE 2 54 IN. DIAM. W/FR
NOT TO SCALE

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DESIGNED BY	S. SRIDHARAN/T.HEW					CONTRACT NO.		LOCATION NO.
ENTERED BY	N. CHEN							
CHECKED BY	L. THOMSEN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EUGENE S. COINER — STATE OF WASHINGTON — 40807 — REGISTERED PROFESSIONAL ENGINEER

DATE

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SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

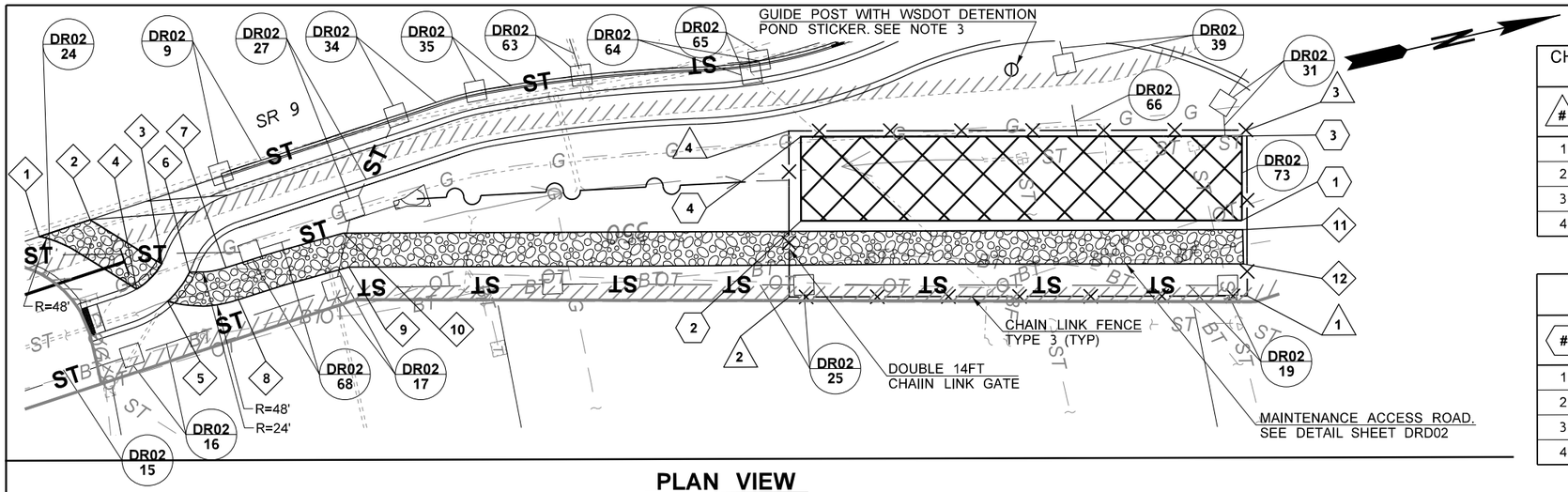
DRAINAGE DETAILS

PLAN REF NO DRD05

SHEET

OF

SHEETS



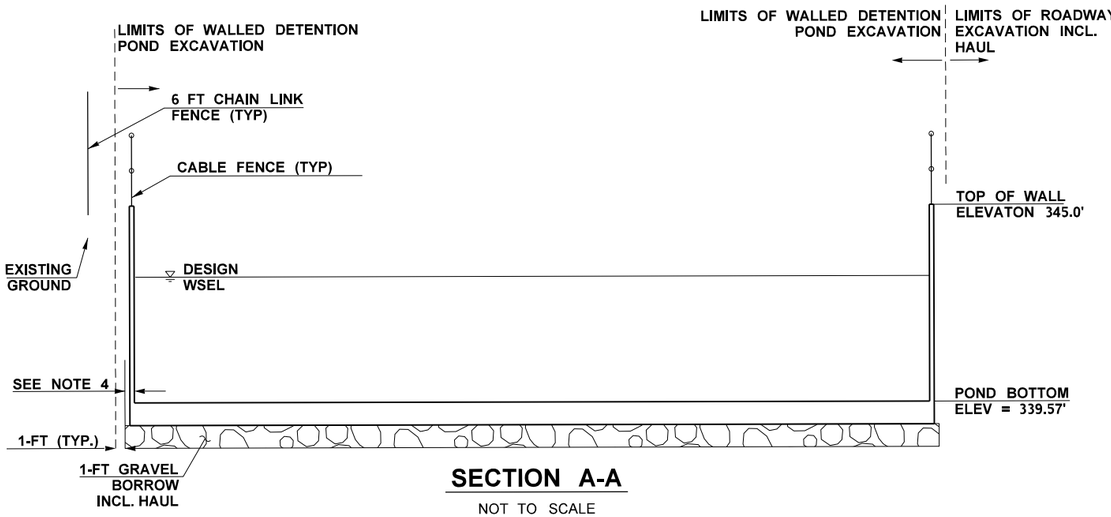
CHAIN LINK FENCE TYPE 3 POINT TABLE	
#	LOCATION
1	A LINE 265+98 (197.1' RT)
2	A LINE 264+45 (146.9' RT)
3	A LINE 266+16 (141.7' RT)
4	A LINE 264+63 (91.5' RT)

WALLED POND POINT TABLE	
#	LOCATION
1	A LINE 266+04 (171.3' RT)
2	A LINE 264+57 (122.8' RT)
3	A LINE 266+14 (143.2' RT)
4	A LINE 264+66 (94.7' RT)

ACCESS ROAD ANGLE POINT TABLE		
#	LOCATION	ELEVATION
1	A LINE 262+01 (44.0' RT)	
2	A LINE 262+20 (44.0' RT)	347.03
3	A LINE 262+39 (66.5' RT)	348.67
4	A LINE 262+28 (72.3' RT)	348.89
5	A LINE 262+37 (79.8' RT)	348.85
6	A LINE 262+47 (72.5' RT)	348.59
7	A LINE 262+60 (75.0' RT)	348.44
8	A LINE 262+59 (87.0' RT)	348.64
9	A LINE 263+01 (88.4' RT)	348.34
10	A LINE 263+03 (76.4' RT)	348.03
11	A LINE 266+04 (174.5' RT)	348.09
12	A LINE 266+00 (186.0' RT)	348.40

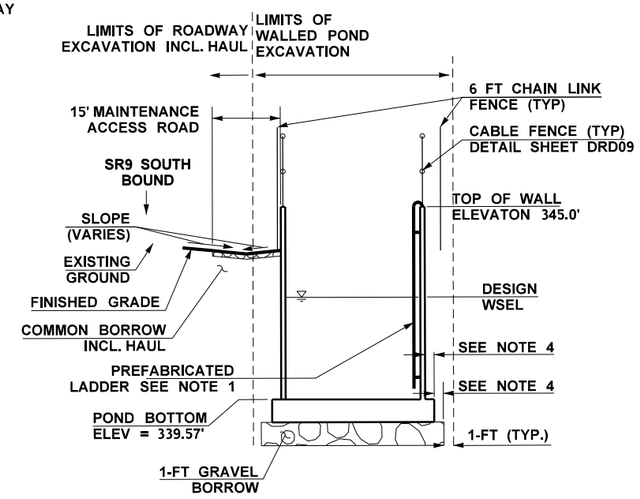
PLAN VIEW

NOT TO SCALE



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.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

WALLED DETENTION POND DETAIL PLAN & SECTION

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PLOTTED BY	terrenceh					18A828		
DESIGNED BY	S. SRIDHARAN/T. HEW					CONTRACT NO.		LOCATION NO.
ENTERED BY	N. CHEN							
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PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

P.E. STAMP BOX — DATE

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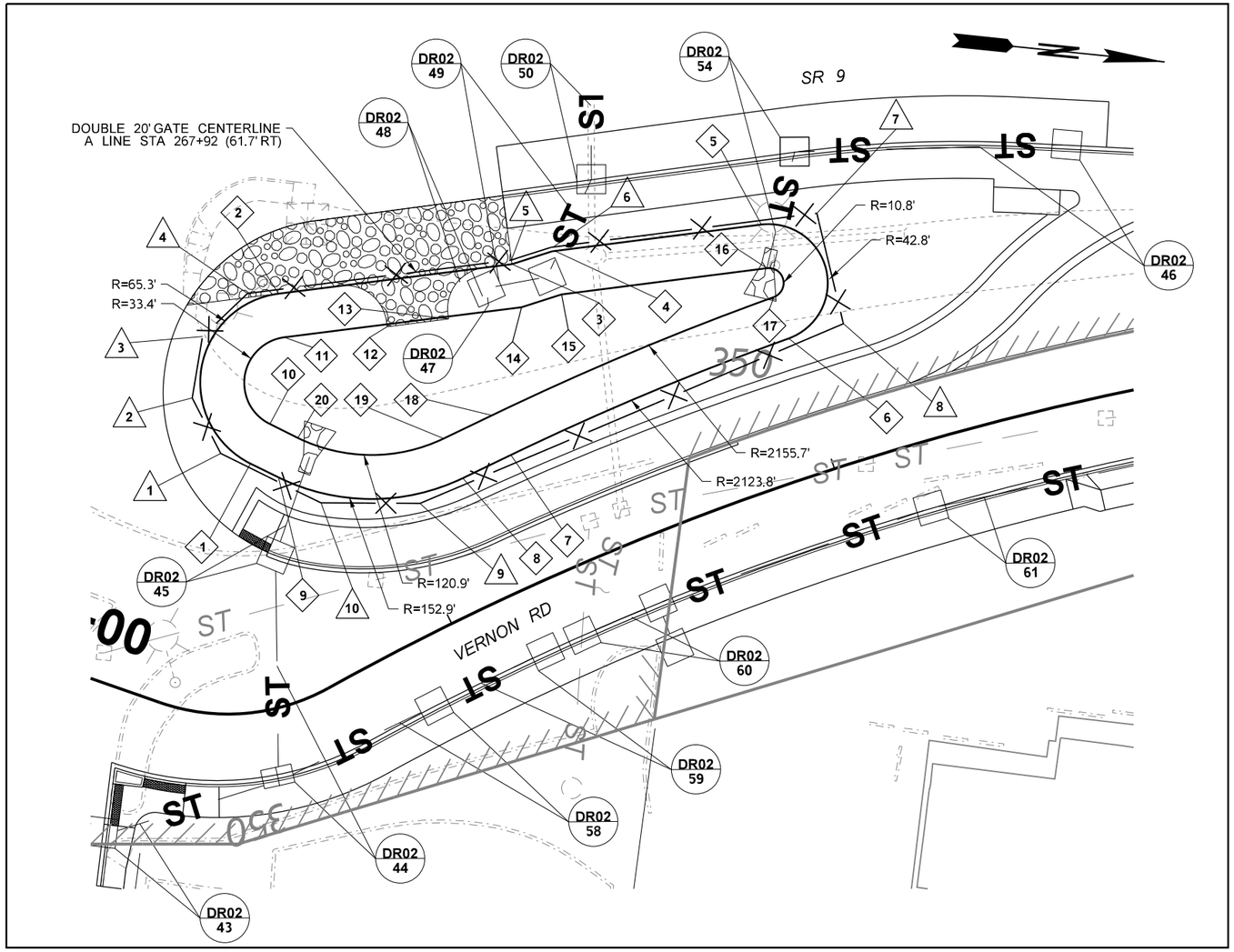
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

DRAINAGE DETAILS

PLAN REF NO DRD06

SHEET OF SHEETS



POND PLAN VIEW DR02 79

NOT TO SCALE

POND DESIGN TABLE			
STRUCTURE ID	POND BOTTOM ELEVATION	DESIGN WSEL	STORAGE VOLUME TO DESIGN WSEL
			CUBIC FEET
DR02-79	343.08'	345.63'	9907

ANGLE POINT TABLE		
#	LOCATION	ELEVATION
1	A LINE 267+53 (107.9' RT)	346.63'
2	A LINE 267+60 (66.8' RT)	346.63'
3	A LINE 268+16 (59.7' RT)	346.63'
4	A LINE 268+26 (56.6' RT)	346.63'
5	A LINE 268+77 (50.1' RT)	346.63'
6	A LINE 268+83 (77.6' RT)	346.63'
7	A LINE 268+16 (105.8' RT)	346.63'
8	A LINE 268+04 (111.4' RT)	346.63'
9	A LINE 267+60 (111.2' RT)	346.63'
10	A LINE 267+58 (98.4' RT)	343.08'
11	A LINE 267+61 (77.3' RT)	343.08'
12	A LINE 267+86 (74.8' RT)	343.08'
13	A LINE 268+01 (72.9' RT)	343.08'
14	A LINE 268+19 (70.1' RT)	343.08'
15	A LINE 268+28 (67.0' RT)	343.08'
16	A LINE 268+78 (60.7' RT)	343.08'
17	A LINE 268+80 (67.6' RT)	343.08'
18	A LINE 268+11 (96.2' RT)	343.08'
19	A LINE 268+00 (101.8' RT)	343.08'
20	A LINE 267+64 (101.7' RT)	343.08'

CHAIN LINK FENCE TYPE 3 POINT TABLE	
#	LOCATION
1	A LINE 267+46 (105.5' RT)
2	A LINE 267+39 (92.1' RT)
3	A LINE 267+41 (77.2' RT)
4	A LINE 267+52 (66.7' RT)
5	A LINE 268+16 (58.7' RT)
6	A LINE 268+26 (55.6' RT)
7	A LINE 268+90 (47.4' RT)
8	A LINE 268+96 (74.1' RT)
9	A LINE 267+94 (117.5' RT)
10	A LINE 267+70 (117.4' RT)

MAINTENANCE ACCESS ROAD QUANTITIES			
CRUSHED SURFACING BASE COURSE (CSBC)	COMMAN BORROW INCL. HAUL	ROADWAY EXCAVATION INCL. HAUL	CONSTRUCTION CEOTEXTILE FOR SOIL STABILIZATION
TONS	CU YD	CU YD	SY
50	45	0	161

POND QUANTITIES		
CHAIN LINK FENCE TYPE 3	DOUBLE 20-FT GATE	ROADWAY EXCAVATION INCL. HAUL - POND
LF	EACH	CY
335	1	935

NOTES:

1. SEE SHEET DR05 FOR OUTLET CONTROL STRUCTURE AND FLOW RESTRICTOR DETAIL AND DIMENSIONS.
2. 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.
3. SEEDING AND RESTORATION IN ACCORDANCE WITH SPECIFICATION SECTION 8-02 ROADSIDE RESTORATION.
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 IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION SECTION 9-13.1(6).
6. CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION SHALL BE IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION SECTION 9-33.2(1), TABLE 3, NON-WOVEN.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

FILE NAME	c:\pw_workIng\wastate\parsons_epw16979\dms08810\Stage 3_Y-11834_PS_DRD_07.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	11:37:03 PM					10	WASH	
DATE	5/4/2021					JOB NUMBER		
PLOTTED BY	terrenceh					18A828		
DESIGNED BY	S. SRIDHARAN/T.HEW					CONTRACT NO.		LOCATION NO.
ENTERED BY	N. CHEN							
CHECKED BY	L. THOMSEN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EUGENE S. COPPINGER — STATE OF WASHINGTON — 40807 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

OSBORN CONSULTING INCORPORATED

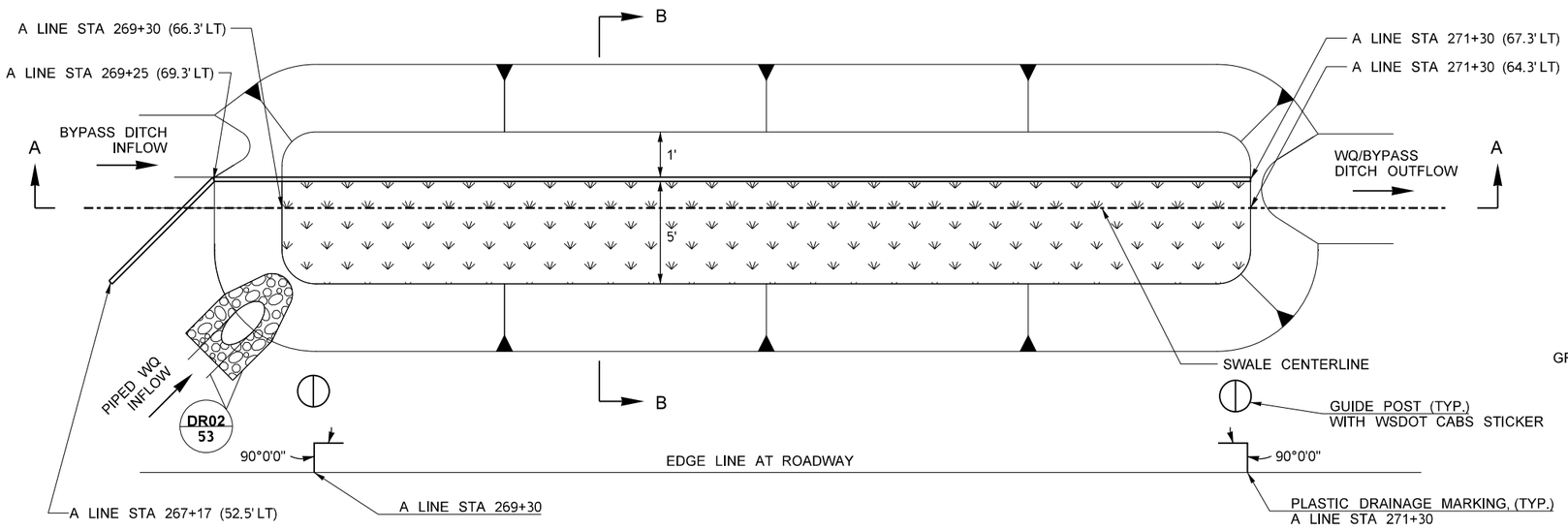
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

DRAINAGE DETAILS

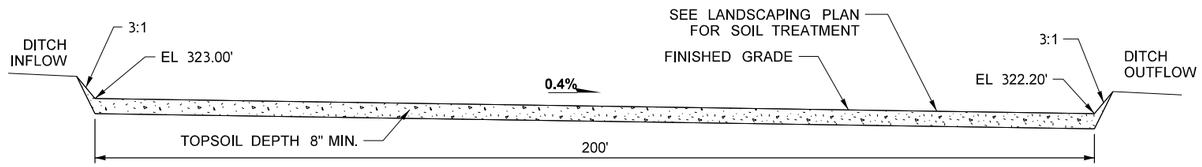
PLAN REF NO DRD07

SHEET OF SHEETS



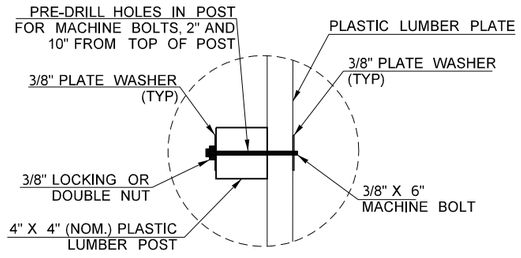
WET BIOFILTRATION SWALE DR03 33

NOT TO SCALE



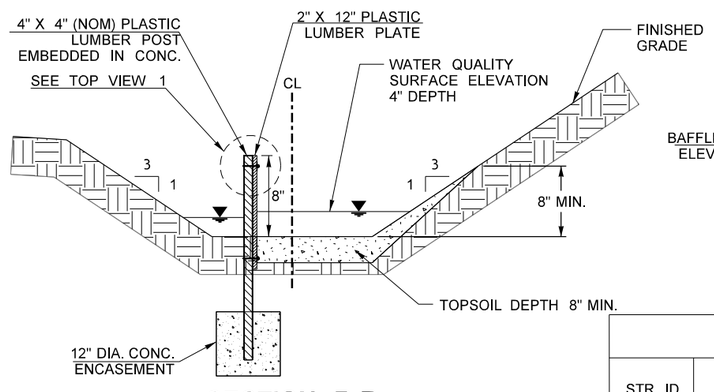
SECTION A-A

NOT TO SCALE



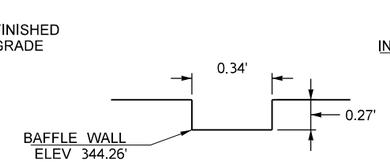
TOP VIEW 1 PLATE INSTALLATION PLAN

NOT TO SCALE



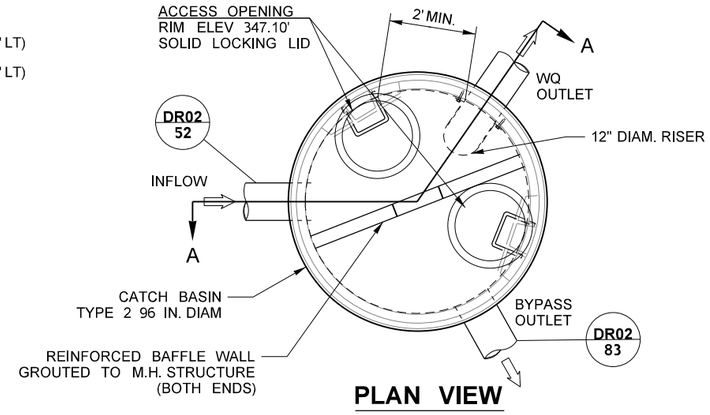
SECTION B-B

NOT TO SCALE

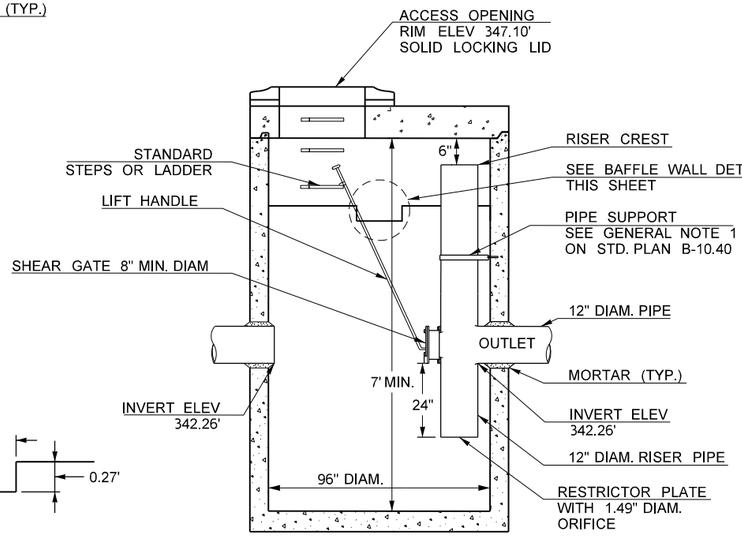


BAFFLE WALL DETAIL

NOT TO SCALE



PLAN VIEW



SECTION A-A

NOT TO SCALE

FLOW SPLITTER DR02 53

NOT TO SCALE

WET BIOFILTRATION SWALE TABLE

STR ID	W	L	H	LONGITUDINAL SLOPE	TOPSOIL TYPE A
	FT	FT	FT	%	ACRES
DR03-33	5	200	0.67	0.4	0.04

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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TIME	8:11:53 AM					10	WASH	
DATE	5/5/2021					JOB NUMBER		
PLOTTED BY	terrenceh					18A828		
DESIGNED BY	S. SRIDHARAN/T.HEW					CONTRACT NO.		LOCATION NO.
ENTERED BY	N. CHEN							
CHECKED BY	L. THOMSEN							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

P.E. STAMP BOX — DATE

PARSONS

OSBORN CONSULTING INCORPORATED

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

DRAINAGE DETAILS

PLAN REF NO DRD08

SHEET OF SHEETS

SOIL PREPARATION NOTES:

1. PRIOR TO AMENDING SOIL AND PLANTING, REMOVE ALL EQUIPMENT AND CONSTRUCTION ACCESS MATERIALS FROMTHE SITE.

2. DECOMPACT OR LOOSEN SOIL TO A MINIMUM DEPTH OF 18" AS MEASURED BY SOIL PENETROMETER USING A½" TIP. A READING OF LESS THAN 200 PSI IS REQUIRED, TO BE VERIFIED BY THE ENGINEER IN THE FIELD.

3. PREPARE SOIL ACCORDING TO SECTION 8-02.3 REQUIREMENTS.

4. CONTRACTOR TO VERIFY ALL QUANTITIES.

5. EQUIPMENT IS LIMITED TO ONLY LOW GROUND PRESSURE EQUIPMENT (5 PSE OR LESS) IN WETLAND AREAS.

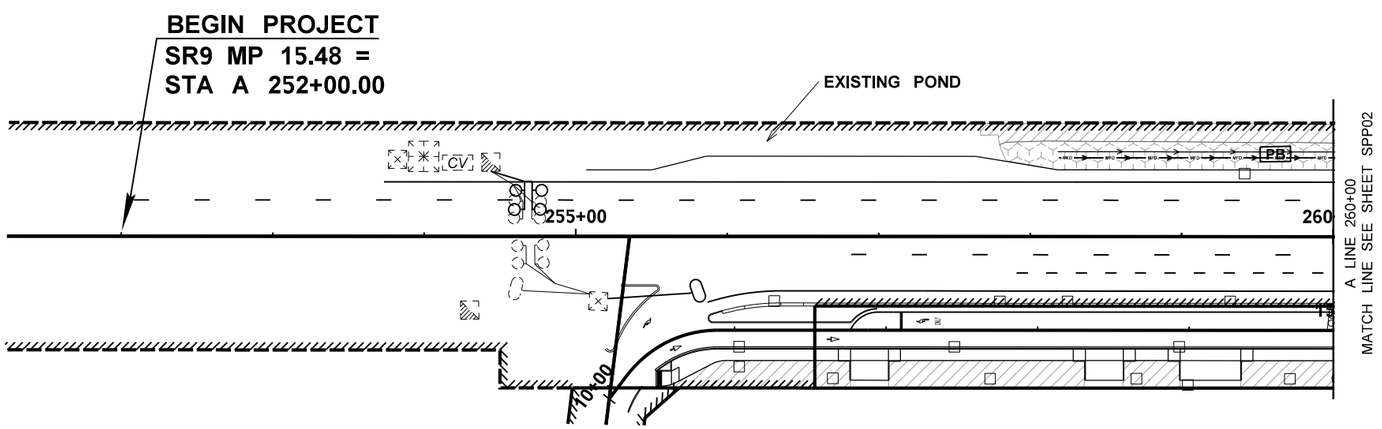
6. THERE IS TO BE NO COMPACTION OF THE BIORETENION SOIL MIX (MFD) AFTER PLACEMENT. NO EQUIPMENT IS ALLOWED INSIDE THE TREATMENT CELLS AFTER BSM PLACEMENT.

7. IN AREAS WHERE THERE HAS REMOVAL OF ANY MATERIAL ON GRADE: GRADES ARE TO BE FILLED WITH TOPSOIL TYPE B AND FINELY GRADED TO SMOOTHLY MEET EXISTING CONTOURS WITH NO LOW SPOTS.

8. ROUNDABOUT COBBLES SHALL BE PLACED EVENLY.

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
- DITCH NEW
- MFD … MFI — MEDIA FILTER DRAIN
- CV — UTILITY AND DRAINAGE ITEMS



PLANTING AND SEEDING AREAS SOIL PREPARATION - QUANTITY TAB

SYMBOL	ITEM - SA	QUANTITY
	SOIL AMENDMENT - 3" DEPTH	2.0 AC
	BARK OR WOOD CHIP MULCH - 3" DEPTH	2.0 AC

SYMBOL	ITEM - P	QUANTITY
	TOPSOIL TYPE A - 12" DEPTH	1.3 AC
	BARK OR WOOD CHIP MULCH - 3" DEPTH	1.3 AC
SYMBOL	ITEM - D	QUANTITY
	SOIL DECOMPACTION	1.2 AC

SYMBOL	ITEM - S	QUANTITY
	COMPOST SEEDING - 3" DEPTH, SEE SPECIAL PROVISION FOR SEED MIX AND REQUIRMENT	0.1 AC
	EROSION CONTROL COMPOST SEEDING - 3" DEPTH, SEE SPECIAL PROVISION FOR SEED MIX AND REQUIRMENT	1.2 AC

SYMBOL	ITEM - D	QUANTITY
	ROUNDABOUT COBBLES	107 TON

* SOIL PREPARATION AND PLANTING SHOWN ABOVE WILL APPLY TO THE ENTIRE SITE, WITHIN THE PROJECT LIMIT.

* ALL RESTORATION FROM STA 252+00 TO STA 256+00 COMPLETED ON STAGE 2.

0 50 100
SCALE IN FEET

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DATE	5/4/2021				JOB NUMBER		
PLOTTED BY	hossein						
DESIGNED BY	N.HOSSEINIDARPOSHTI						
ENTERED BY	N.HOSSEINIDARPOSHTI				CONTRACT NO.		LOCATION NO.
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

Washington State Department of Transportation

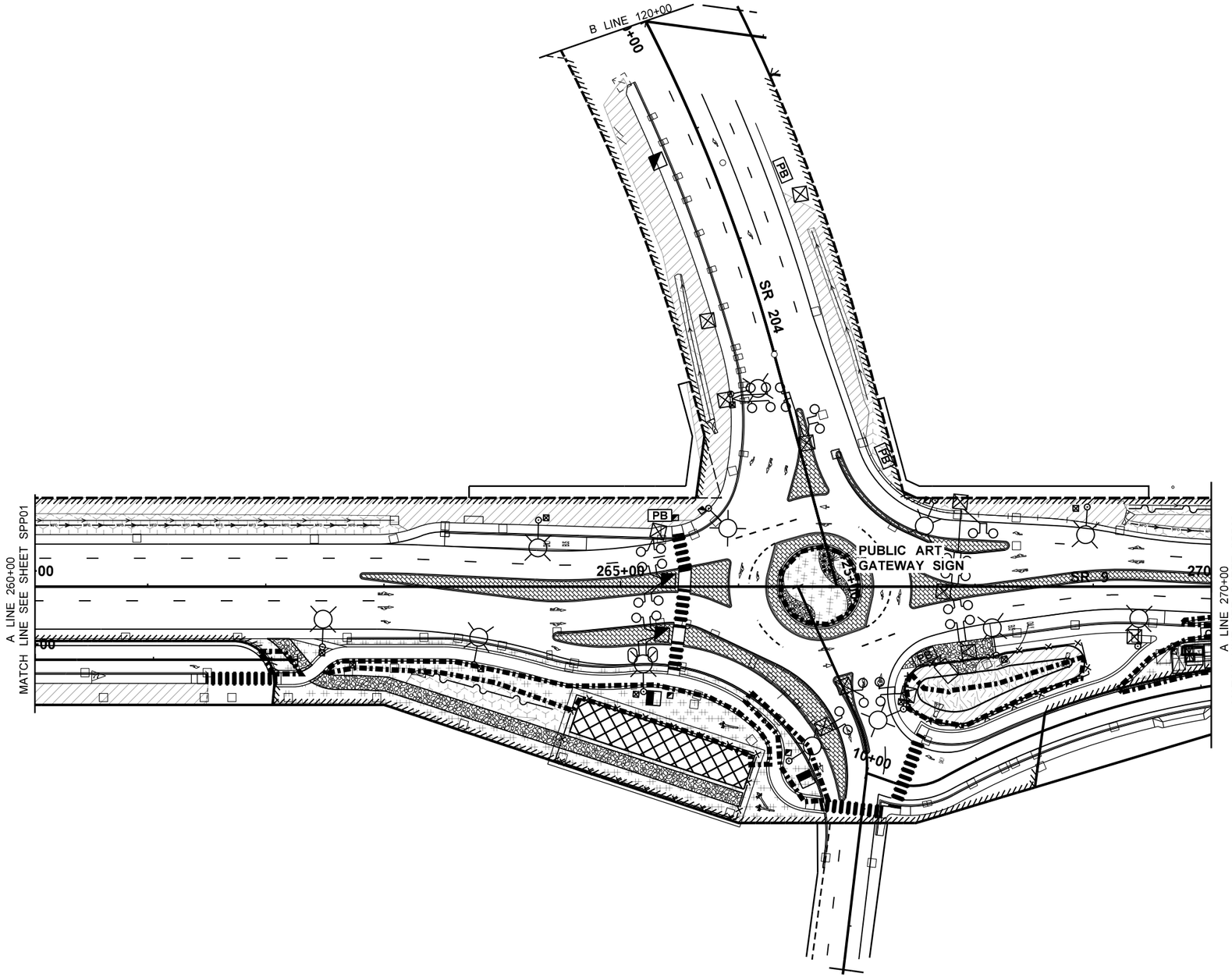
SR 9
SR 204 INTERSECTION IMPROVEMENTS(STAGE 3)

SOIL PREPARATION PLAN

Plot 24

SPP01

SHEET OF SHEETS



LEGEND

- HIGHWAY RIGHT OF WAY
- LIMITED ACCESS HIGHWAY RIGHT OF WAY
- LIMITED ACCESS
- EDGE OF ROADWAY - NEW
- EDGE OF ROADWAY - EXISTING
- GUARDRAIL
- EXISTING WETLAND (WB)
- EXISTING WETLAND BUFFER
- DITCH NEW
- MEDIA FILTER DRAIN (MFD)
- UTILITY AND DRAINAGE ITEMS (CV)

0 50 100
SCALE IN FEET

FILE NAME	c:\pw_working\wastate\parsons_epw17187\dms08818\Stage3-Y-11834_PS_SPP.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	3:54:04 PM				10	WASH	
DATE	5/4/2021				JOB NUMBER		
PLOTTED BY	hosseln						
DESIGNED BY	N.HOSSEINIDARPOSHTI						
ENTERED BY	N.HOSSEINIDARPOSHTI						
CHECKED BY	L.JUNGBLUTH				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K.NDILE						
REGIONAL ADM.	M.COTTEN	REVISION	DATE	BY			

STATE OF WASHINGTON · LINDSEY A. JUNGBLUTH · No. 14183 · EXP. 11/05/2021 · LICENSED LANDSCAPE ARCHITECT

Washington State
Department of Transportation

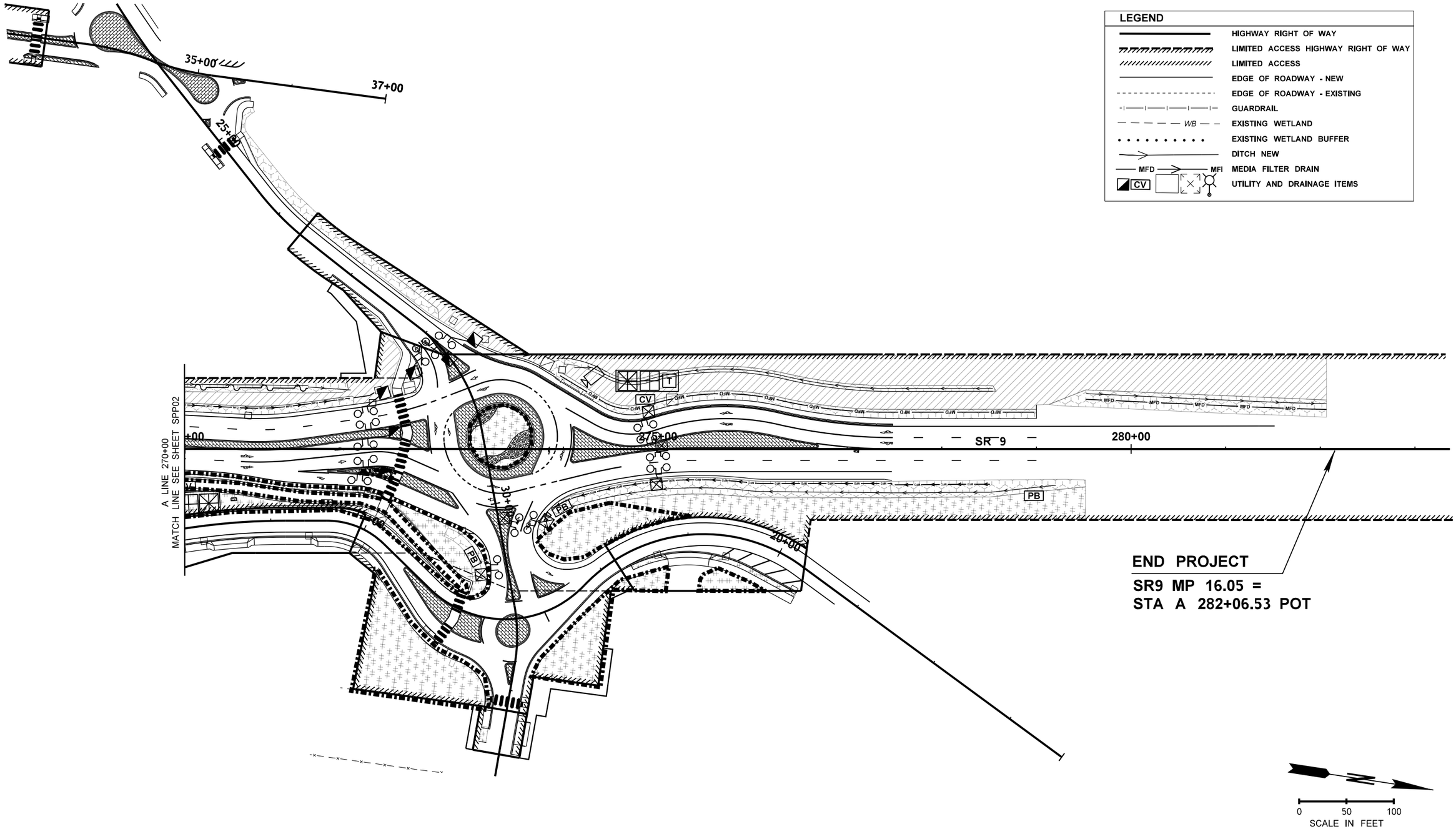
SR 9
SR 204 INTERSECTION IMPROVEMENTS(STAGE 3)

SOIL PREPARATION PLAN

Plot 25

SPP02

SHEET OF SHEETS



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DESIGNED BY	N.HOSSEINIDARPOSHTI						
ENTERED BY	N.HOSSEINIDARPOSHTI						
CHECKED BY	L.JUNGBLUTH				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K.NDILE						
REGIONAL ADM.	M.COTTEN	REVISION	DATE	BY			

STATE OF WASHINGTON · LINDSEY A. JUNGBLUTH · No. 21483 EXP. 11/05/2021 · LICENSED LANDSCAPE ARCHITECT

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS(STAGE 3)

SOIL PREPARATION PLAN

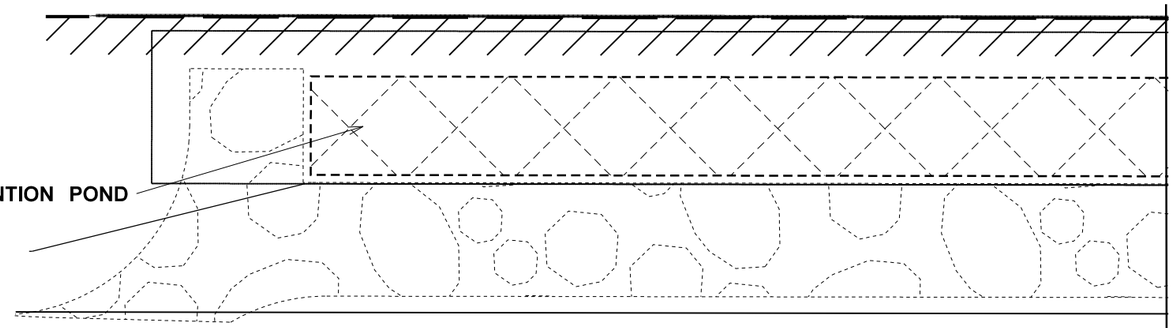
Plot 26

SPP03

SHEET OF SHEETS

LEGEND (ALL SHEETS)

- HIGHWAY RIGHT OF WAY
- LIMITED ACCESS HIGHWAY RIGHT OF WAY
- EDGE OF ROADWAY - NEW
- EDGE OF ROADWAY - EXISTING
- GUARDRAIL
- EXISTING WETLAND (WB)
- EXISTING WETLAND BUFFER
- DITCH NEW
- MFD — MEDIA FILTER DRAIN
- DRAINAGE ITEMS
- PB CV — UTILITY AND ITS UNITS

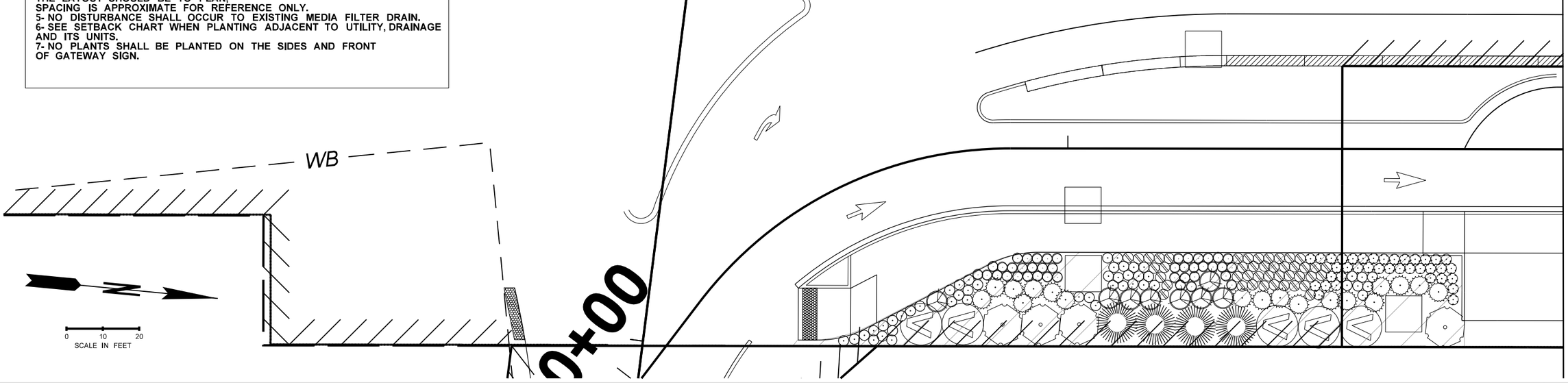


255+00

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	4
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	4
	PSIPE - VINE MAPLE, #2 CONT.	per plan	5
	PSIPE - BALLERINA INDIAN HAWTHORN , #1 CONT.	per plan	41
	PSIPE -KELSEY DOGWOOD, #1 CONT.	per plan	43
	PSIPE -GOLDEN BARBERRY, #1 CONT.	per plan	47
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	8
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	18
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	37

PLANTING AND SEEDING NOTES (APPLY TO SHEETS LP1-LP17):

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 GOLDEN BARBERRY, KELSEY DOGWOOD, BALLERINA HAWTHORN AND MT. VERNON LAUREL APPROXIMATE 2 FT O.C. THE LAYOUT SHOULD BE TO PLAN, SPACING IS APPROXIMATE FOR REFERENCE ONLY.
5- NO DISTURBANCE SHALL OCCUR TO EXISTING MEDIA FILTER DRAIN.
6- SEE SETBACK CHART WHEN PLANTING ADJACENT TO UTILITY, DRAINAGE AND ITS UNITS.
7- NO PLANTS SHALL BE PLANTED ON THE SIDES AND FRONT OF GATEWAY SIGN.



A LINE 257+00
MATCH LINE SEE SHEET LP02

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DATE	5/4/2021				JOB NUMBER		
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DESIGNED BY	N.HOSSEINIDARPOSHTI						
ENTERED BY	N.HOSSEINIDARPOSHTI				CONTRACT NO.		LOCATION NO.
CHECKED BY	L.JUNGBLUTH						
PROJ. ENGR.	K.NDILE						
REGIONAL ADM.	M.COTTEN	REVISION	DATE	BY			

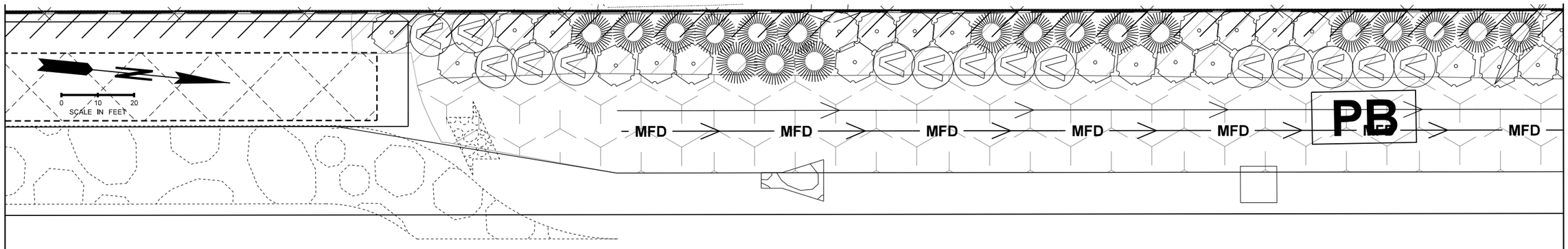
STATE OF WASHINGTON · LINDSEY A JUNGBLUTH · No. 14483 EXP 11/05/2021 · LICENSED LANDSCAPE ARCHITECT

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENT (STAGE3)

LANDSCAPE PLAN

Plot 24
LP01
SHEET OF SHEETS



SR9

260

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	28
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	34
	PSIPE - VINE MAPLE, #2 CONT.	per plan	22
	PSIPE - BALLERINA INDIAN HAWTHORN, #1 CONT.	per plan	98
	PSIPE -KELSEY DOGWOOD, #1 CONT.	per plan	74
	PSIPE -GOLDEN BARBERRY, #1 CONT.	per plan	98
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	24
	PSIPE - TALL OREGON GRAPE, #1 CONT.	per plan	27
	PSIPE - MT. VERNON LAUREL, #1 CONT.	per plan	191

A LINE 257+00
MATCH LINE SEE SHEET LP01

A LINE 260+00
MATCH LINE SEE SHEET LP03

15

ONLY

FILE NAME	c:\pw_working\wastate\parsons_epw17187\dms24494\Stage3-Y-11834_PS_LA.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
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PLOTTED BY	hosseln						
DESIGNED BY	N.HOSSEINIDARPOSHTI						
ENTERED BY	N.HOSSEINIDARPOSHTI				CONTRACT NO.		LOCATION NO.
CHECKED BY	L.JUNGBLUTH						
PROJ. ENGR.	K.NDILE						
REGIONAL ADM.	M.COTTEN	REVISION	DATE	BY			

STATE OF WASHINGTON · LINDSEY A. JUNGBLUTH · NO. 14483 EXP 11/05/2021 · LICENSED LANDSCAPE ARCHITECT

Washington State
Department of Transportation

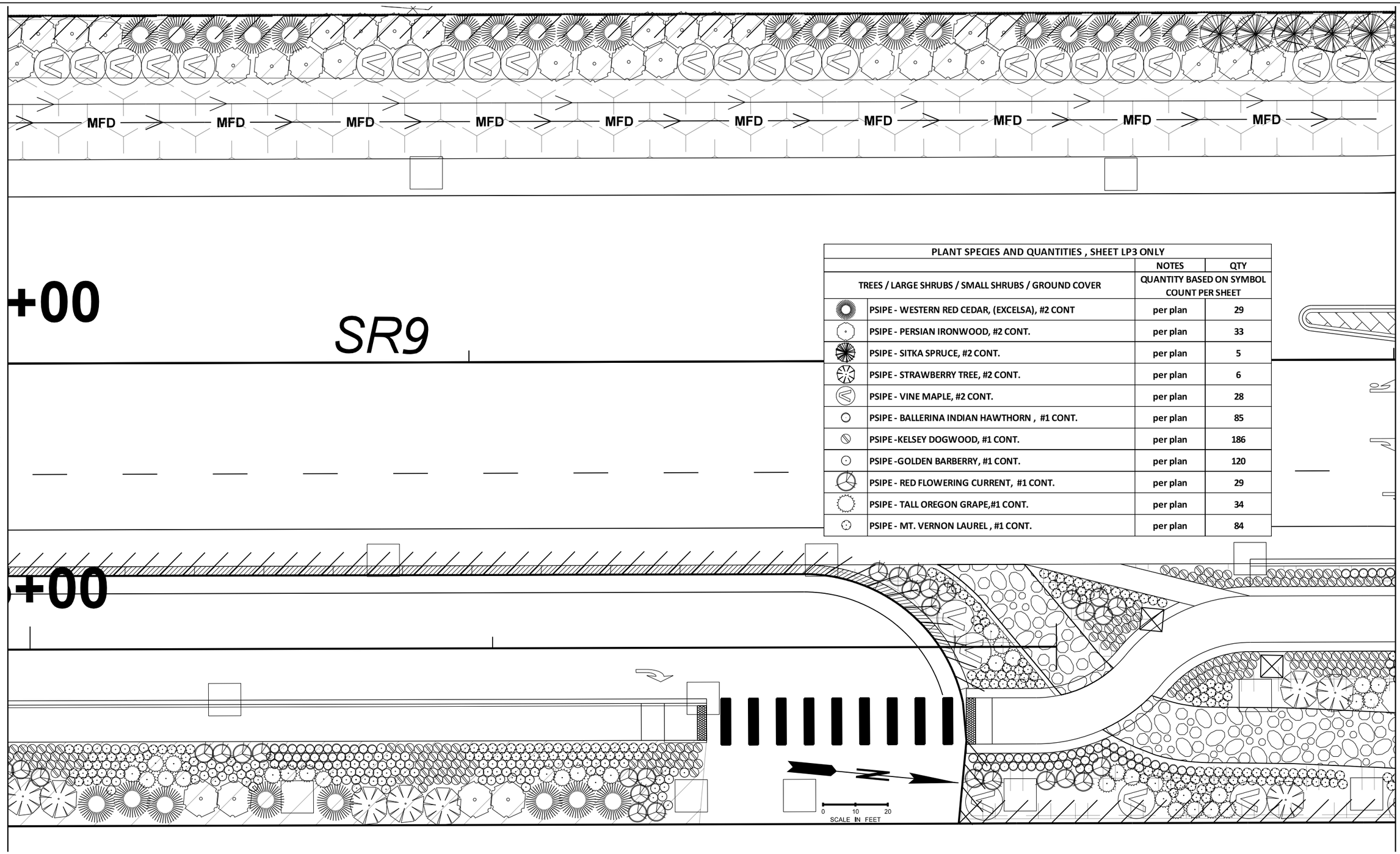
SR 9
SR 204 INTERSECTION
IMPROVEMENT (STAGE3)

LANDSCAPE PLAN

Plot 25

LP02

SHEET
OF
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	29
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	33
	PSIPE - SITKA SPRUCE, #2 CONT.	per plan	5
	PSIPE - STRAWBERRY TREE, #2 CONT.	per plan	6
	PSIPE - VINE MAPLE, #2 CONT.	per plan	28
	PSIPE - BALLERINA INDIAN HAWTHORN , #1 CONT.	per plan	85
	PSIPE -KELSEY DOGWOOD, #1 CONT.	per plan	186
	PSIPE -GOLDEN BARBERRY, #1 CONT.	per plan	120
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	29
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	34
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	84

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DESIGNED BY	N.HOSSEINIDARPOSHTI						
ENTERED BY	N.HOSSEINIDARPOSHTI				CONTRACT NO.		LOCATION NO.
CHECKED BY	L.JUNGBLUTH						
PROJ. ENGR.	K.KUNDLE						
REGIONAL ADM.	M.COTTEN	REVISION	DATE	BY			

STATE OF WASHINGTON
LINDSEY A JUNGBLUTH
NO. 1483 EXP. 11/03/2021
LICENSED LANDSCAPE ARCHITECT

Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENT (STAGE3)

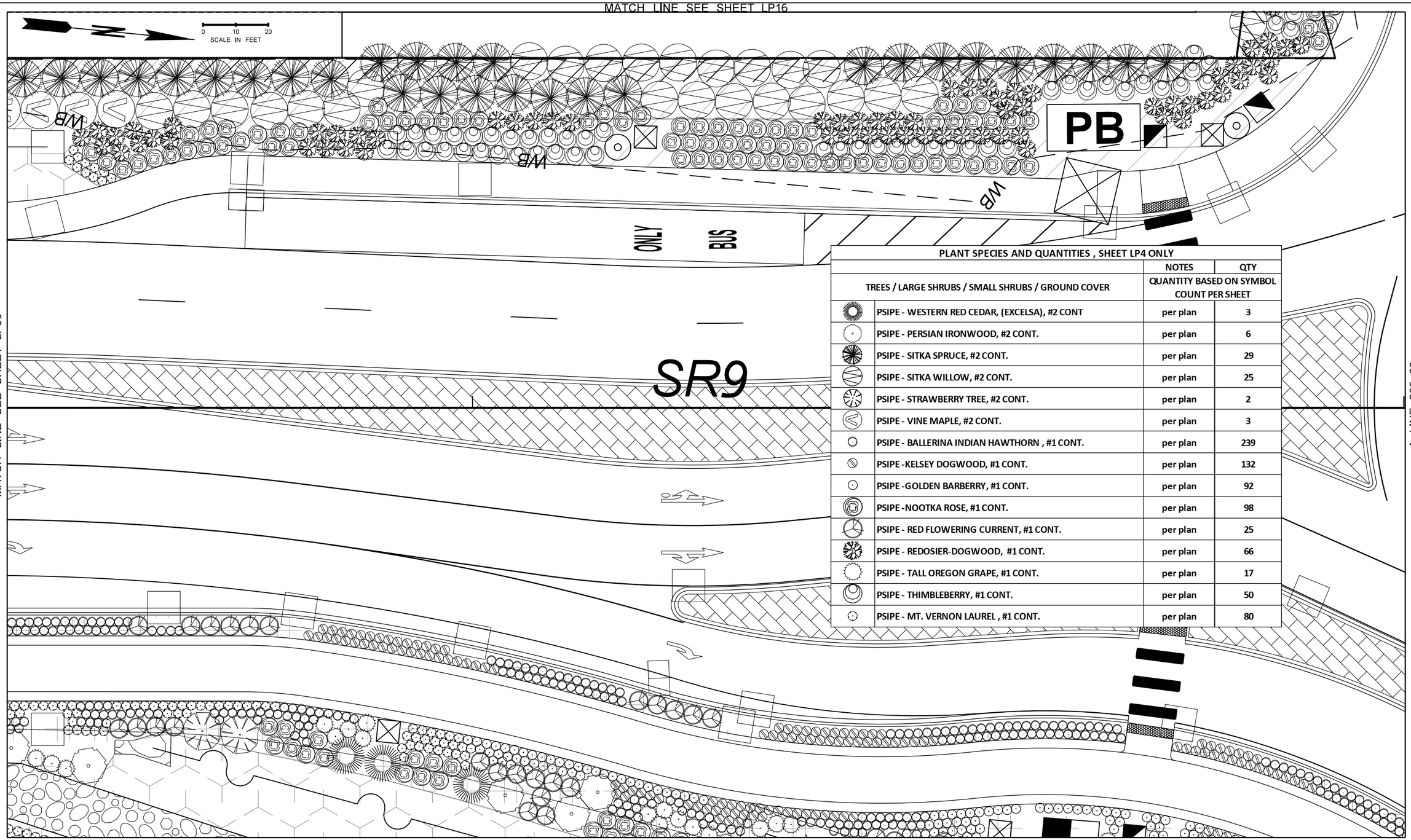
LANDSCAPE PLAN

Plot 26

LP03

SHEET
OF
SHEETS

MATCH LINE SEE SHEET LP16



A LINE 263+00
MATCH LINE SEE SHEET LP03

A LINE 266+00
MATCH LINE SEE SHEET LP05

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	3
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	6
	PSIPE - SITKA SPRUCE, #2 CONT.	per plan	29
	PSIPE - SITKA WILLOW, #2 CONT.	per plan	25
	PSIPE - STRAWBERRY TREE, #2 CONT.	per plan	2
	PSIPE - VINE MAPLE, #2 CONT.	per plan	3
	PSIPE - BALLERINA INDIAN HAWTHORN , #1 CONT.	per plan	239
	PSIPE -KELSEY DOGWOOD, #1 CONT.	per plan	132
	PSIPE -GOLDEN BARBERRY, #1 CONT.	per plan	92
	PSIPE -NOOTKA ROSE, #1 CONT.	per plan	98
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	25
	PSIPE - REDOSIER-DOGWOOD, #1 CONT.	per plan	66
	PSIPE - TALL OREGON GRAPE, #1 CONT.	per plan	17
	PSIPE - THIMBLEBERRY, #1 CONT.	per plan	50
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	80

MATCH LINE SEE SHEET LP12

FILE NAME	c:\pw_workIng\wastate\parsons_epw17187\dms24494\Stage3-Y-11834_PS_LA.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	12:15:31 PM				10	WASH	
DATE	5/4/2021				JOB NUMBER		
PLOTTED BY	hossein						
DESIGNED BY	N.HOSSEINIDARPOSHTI						
ENTERED BY	N.HOSSEINIDARPOSHTI						
CHECKED BY	L.JUNGBLUTH				CONTRACT NO.		LOCATION NO.
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

Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENT (STAGE3)

LANDSCAPE PLAN

Plot 27

LP04

SHEET
OF
SHEETS

N

0 10 20
SCALE IN FEET

LAKE STEVENS
GATEWAY SIGN

125+00

SR9

A LINE 266+00
MATCH LINE SEE SHEET LP04

A LINE 269+00
MATCH LINE SEE SHEET LP06

PB

MATCH LINE SEE SHEET LP13

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	2
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	1
	PSIPE - SERVICEBERRY, #2 CONT.	per plan	3
	PSIPE - STRAWBERRY TREE, #2 CONT.	per plan	2
	PSIPE - VINE MAPLE, #2 CONT.	per plan	5
	PSIPE - BALLERINA INDIAN HAWTHORN , #1 CONT.	per plan	160
	PSIPE -KELSEY DOGWOOD, #1 CONT.	per plan	64
	PSIPE -GOLDEN BARBERRY, #1 CONT.	per plan	177
	PSIPE -NOOTKA ROSE, #1 CONT.	per plan	79
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	26
	PSIPE - SNOWBERRY, #1 CONT.	per plan	38
	PSIPE - TALL OREGON GRAPE, #1 CONT.	per plan	15
	PSIPE - THIMBLEBERRY, #1 CONT.	per plan	22
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	233

FILE NAME	c:\pw_workIng\wastate\parsons_epw17187\dms24494\Stage3-Y-11834_PS_LA.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	12:17:32 PM				10	WASH	
DATE	5/4/2021				JOB NUMBER		
PLOTTED BY	hossein						
DESIGNED BY	N.HOSSEINIDARPOSHTI						
ENTERED BY	N.HOSSEINIDARPOSHTI				CONTRACT NO.		LOCATION NO.
CHECKED BY	L.JUNGBLUTH						
PROJ. ENGR.	K.NDILE						
REGIONAL ADM.	M.COTTEN	REVISION	DATE	BY			

STATE OF WASHINGTON
LINDSEY A. JUNGBLUTH
NO. 14183 EXP. 11/05/2021
LICENSED LANDSCAPE ARCHITECT

Washington State
Department of Transportation

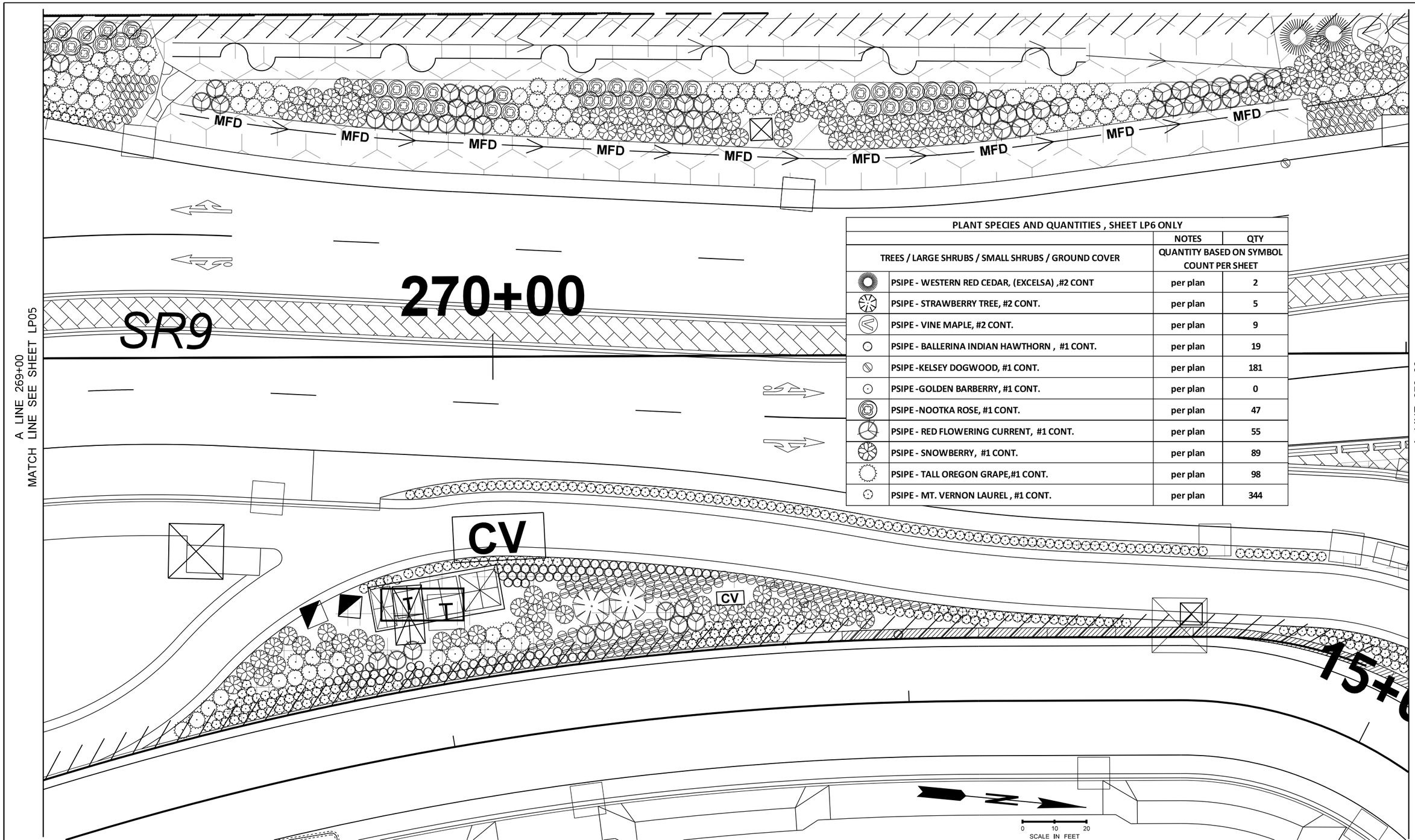
SR 9
SR 204 INTERSECTION
IMPROVEMENT (STAGE3)

LANDSCAPE PLAN

Plot 28

LP05

SHEET
OF
SHEETS



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	2
	PSIPE - STRAWBERRY TREE, #2 CONT.	per plan	5
	PSIPE - VINE MAPLE, #2 CONT.	per plan	9
	PSIPE - BALLERINA INDIAN HAWTHORN , #1 CONT.	per plan	19
	PSIPE -KELSEY DOGWOOD, #1 CONT.	per plan	181
	PSIPE -GOLDEN BARBERRY, #1 CONT.	per plan	0
	PSIPE -NOOTKA ROSE, #1 CONT.	per plan	47
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	55
	PSIPE - SNOWBERRY, #1 CONT.	per plan	89
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	98
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	344

FILE NAME	c:\pw_workIng\wastate\parsons_epw17187\dms24494\Stage3-Y-11834_PS_LA.dgn				REGION NO.	STATE
TIME	1:29:51 PM				10	WASH
DATE	5/4/2021				JOB NUMBER	FED.AID PROJ.NO.
PLOTTED BY	hossein					
DESIGNED BY	N.HOSSEINIDARPOSHTI					
ENTERED BY	N.HOSSEINIDARPOSHTI					
CHECKED BY	L.JUNGBLUTH				CONTRACT NO.	LOCATION NO.
PROJ. ENGR.	K.NDILE					
REGIONAL ADM.	M.COTTEN	REVISION	DATE	BY		

STATE OF WASHINGTON · LINDSEY A. JUNGBLUTH · NO. 14483 EXP 11/05/2021 · LICENSED LANDSCAPE ARCHITECT

Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENT (STAGE3)

LANDSCAPE PLAN

Plot 29

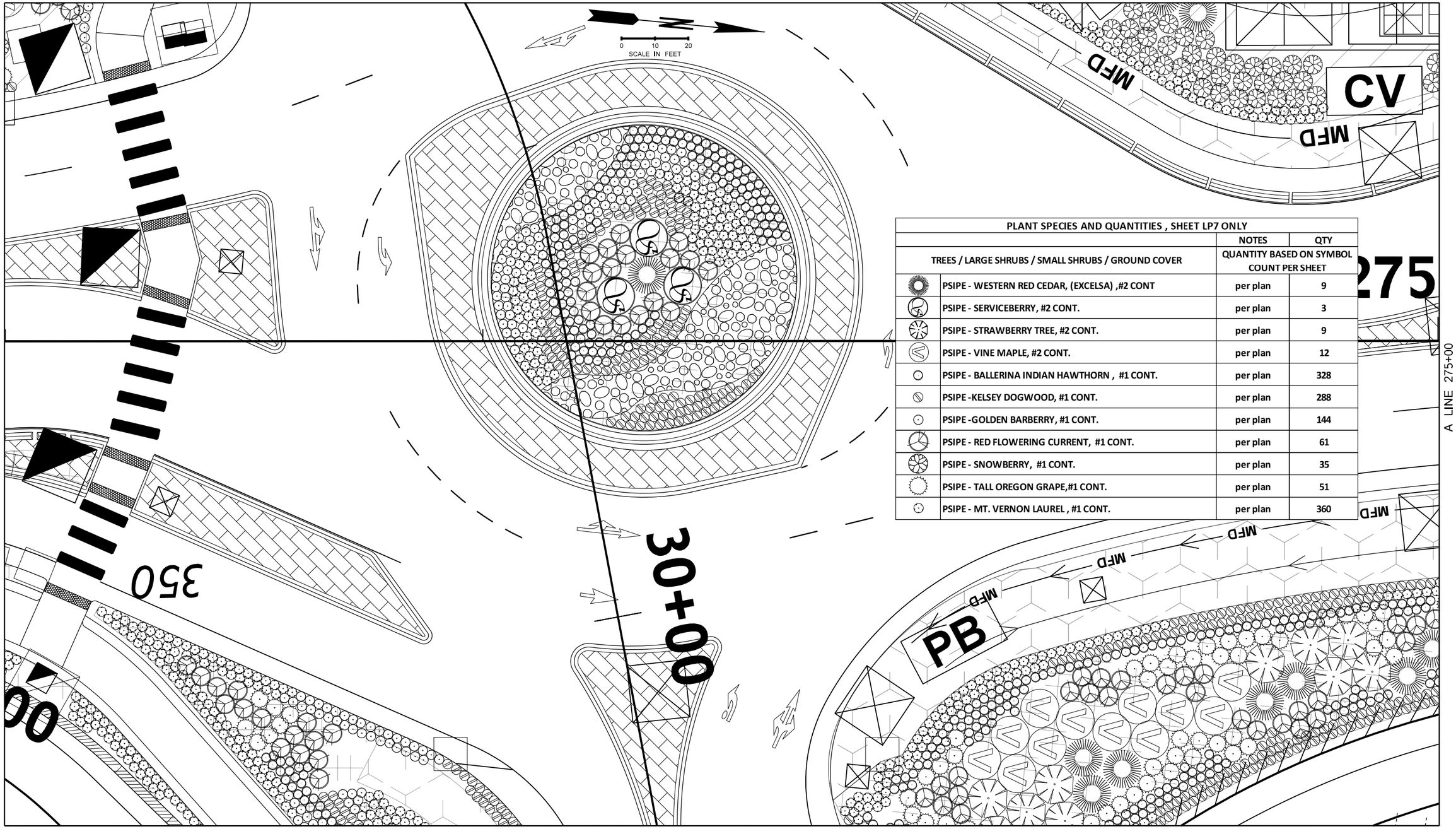
LP06

SHEET OF SHEETS

H LINE 28+32
MATCH LINE SEE SHEET LP17

A LINE 272+00
MATCH LINE SEE SHEET LP06

A LINE 275+00
MATCH LINE SEE SHEET LP08



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	9
	PSIPE - SERVICEBERRY, #2 CONT.	per plan	3
	PSIPE - STRAWBERRY TREE, #2 CONT.	per plan	9
	PSIPE - VINE MAPLE, #2 CONT.	per plan	12
	PSIPE - BALLERINA INDIAN HAWTHORN , #1 CONT.	per plan	328
	PSIPE -KELSEY DOGWOOD, #1 CONT.	per plan	288
	PSIPE -GOLDEN BARBERRY, #1 CONT.	per plan	144
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	61
	PSIPE - SNOWBERRY, #1 CONT.	per plan	35
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	51
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	360

MATCH LINE SEE SHEET LP11

FILE NAME	c:\pw_workIng\wastate\parsons_epw17187\dms24494\Stage3-Y-11834_PS_LA.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	3:23:45 PM				10	WASH	
DATE	5/4/2021				JOB NUMBER		
PLOTTED BY	hossein						
DESIGNED BY	N.HOSSEINIDARPOSHTI						
ENTERED BY	N.HOSSEINIDARPOSHTI				CONTRACT NO.		LOCATION NO.
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

Washington State
Department of Transportation

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IMPROVEMENT (STAGE3)

LANDSCAPE PLAN

Plot 30
LP07
SHEET
OF
SHEETS

MATCH LINE SEE SHEET LP09

A LINE 275+00
MATCH LINE SEE SHEET LP07

A LINE 278+00
MATCH LINE SEE SHEET LP09

+00

SR9

20+00

N

0 10 20
SCALE IN FEET

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	24
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	14
	PSIPE - SERVICEBERRY, #2 CONT.	per plan	6
	PSIPE - STRAWBERRY TREE, #2 CONT.	per plan	14
	PSIPE - VINE MAPLE, #2 CONT.	per plan	21
	PSIPE - BALLERINA INDIAN HAWTHORN , #1 CONT.	per plan	128
	PSIPE -KELSEY DOGWOOD, #1 CONT.	per plan	171
	PSIPE -GOLDEN BARBERRY, #1 CONT.	per plan	0
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	40
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	24
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	384

FILE NAME	c:\pw_workIng\wastate\parsons_epw17187\dms24494\Stage3-Y-11834_PS_LA.dgn					
TIME	3:27:09 PM				REGION NO. 10	STATE WASH
DATE	5/4/2021				JOB NUMBER	FED.AID PROJ.NO.
PLOTTED BY	hosseIn					
DESIGNED BY	N.HOSSEINIDARPOSHTI					
ENTERED BY	N.HOSSEINIDARPOSHTI				CONTRACT NO.	LOCATION NO.
CHECKED BY	L.JUNGBLUTH					
PROJ. ENGR.	K.NDILE					
REGIONAL ADM.	M.COTTEN	REVISION	DATE	BY		

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

Washington State
Department of Transportation

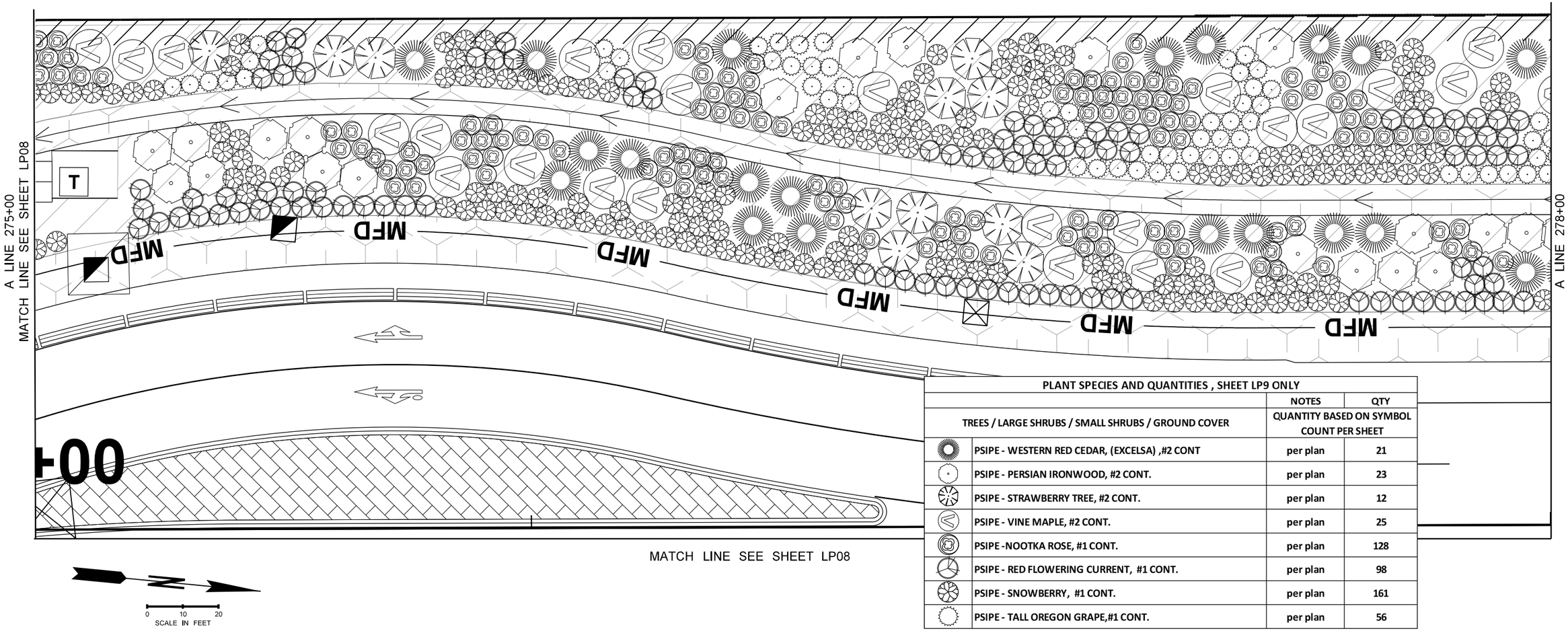
SR 9
SR 204 INTERSECTION
IMPROVEMENT (STAGE3)

LANDSCAPE PLAN

Plot 31

PLAN REF NO
LP08

SHEET
OF
SHEETS



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	21
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	23
	PSIPE - STRAWBERRY TREE, #2 CONT.	per plan	12
	PSIPE - VINE MAPLE, #2 CONT.	per plan	25
	PSIPE -NOOTKA ROSE, #1 CONT.	per plan	128
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	98
	PSIPE - SNOWBERRY, #1 CONT.	per plan	161
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	56

FILE NAME	c:\pw_working\wastate\parsons_epw17187\dms24494\Stage3-Y-11834_PS_LA.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	1:58:18 PM				10	WASH	
DATE	5/4/2021				JOB NUMBER		
PLOTTED BY	hossein						
DESIGNED BY	N.HOSSEINIDARPOSHTI						
ENTERED BY	N.HOSSEINIDARPOSHTI				CONTRACT NO.		LOCATION NO.
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

Washington State Department of Transportation

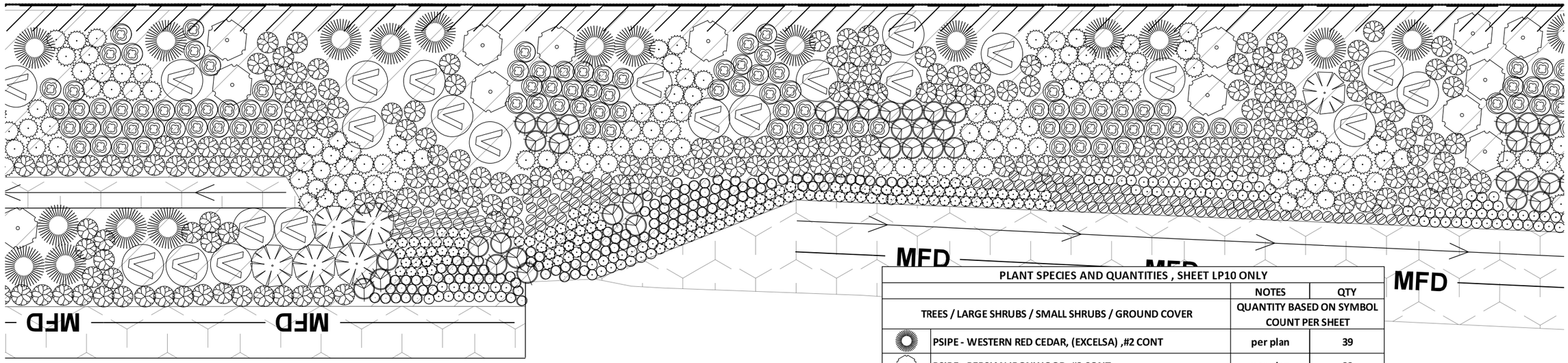
SR 9
SR 204 INTERSECTION IMPROVEMENT (STAGE3)

LANDSCAPE PLAN

Plot 32

PLAN REF NO
LP09

SHEET OF SHEETS

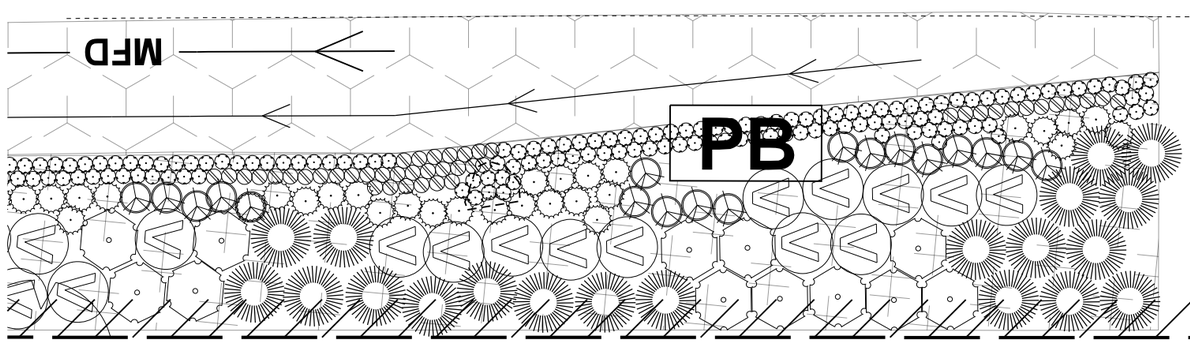


MATCH LINE 278+00 A LINE SEE SHEET LP09

SR9

MATCH LINE 281+00 A LINE SEE SHEET LP11

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	39
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	23
	PSIPE - STRAWBERRY TREE, #2 CONT.	per plan	6
	PSIPE - VINE MAPLE, #2 CONT.	per plan	39
	PSIPE - BALLERINA INDIAN HAWTHORN , #1 CONT.	per plan	119
	PSIPE -KELSEY DOGWOOD, #1 CONT.	per plan	170
	PSIPE -GOLDEN BARBERRY, #1 CONT.	per plan	101
	PSIPE -NOOTKA ROSE, #1 CONT.	per plan	105
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	59
	PSIPE - SNOWBERRY, #1 CONT.	per plan	199
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	162
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	269



0 10 20
SCALE IN FEET

FILE NAME	c:\pw_working\wastate\parsons_epw17187\dms24494\Stage3-Y-11834_PS_LA.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	2:16:05 PM				10	WASH	
DATE	5/4/2021				JOB NUMBER		
PLOTTED BY	hossein						
DESIGNED BY	N.HOSSEINIDARPOSHTI						
ENTERED BY	N.HOSSEINIDARPOSHTI						
CHECKED BY	L.JUNGBLUTH				CONTRACT NO.		LOCATION NO.
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

Washington State
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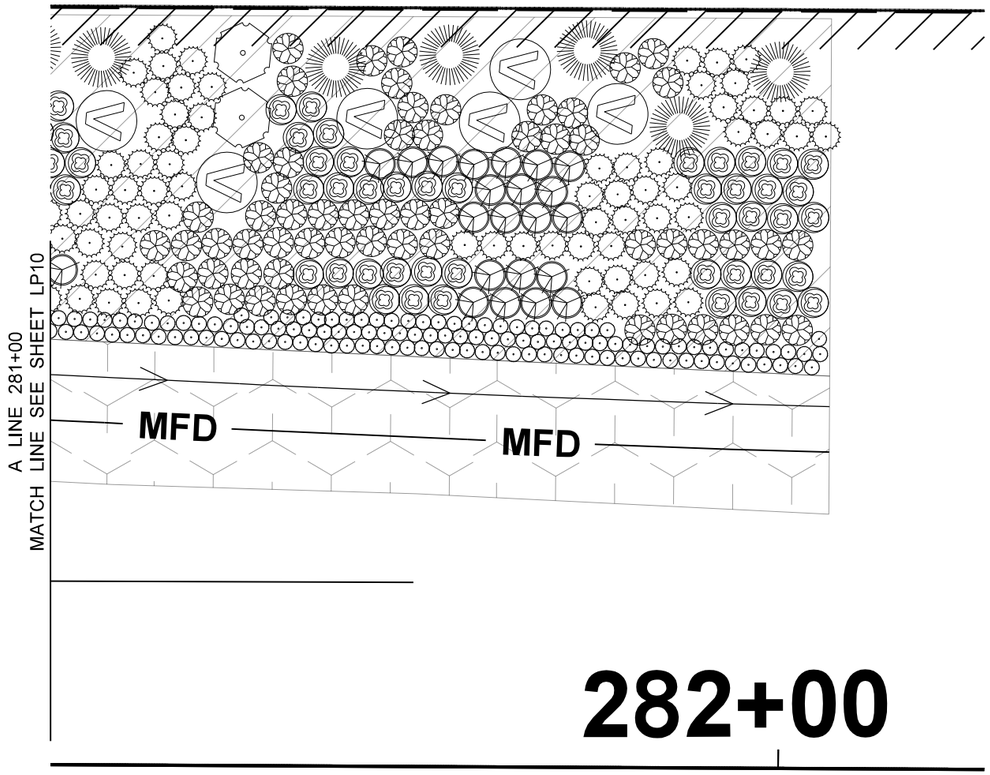
IMPROVEMENT (STAGE3)

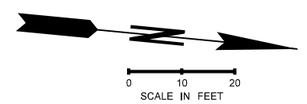
LANDSCAPE PLAN

PLAN REF NO
LP10

SHEET
OF
SHEETS



PLANT SPECIES AND QUANTITIES , SHEET LP11 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	6
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	2
	PSIPE - VINE MAPLE, #2 CONT.	per plan	6
	PSIPE -GOLDEN BARBERRY, #1 CONT.	per plan	124
	PSIPE -NOOTKA ROSE, #1 CONT.	per plan	46
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	22
	PSIPE - SNOWBERRY, #1 CONT.	per plan	60
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	70



FILE NAME	c:\pw_workIng\wastate\parsons_epw17187\dms24494\Stage3-Y-11834_PS_LA.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	2:19:29 PM				10	WASH	
DATE	5/4/2021				JOB NUMBER		
PLOTTED BY	hossein						
DESIGNED BY	N.HOSSEINIDARPOSHTI						
ENTERED BY	N.HOSSEINIDARPOSHTI						
CHECKED BY	L.JUNGBLUTH				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K.NDILE						
REGIONAL ADM.	M.COTTEN	REVISION	DATE	BY			

STATE OF WASHINGTON · LINDSEY A. JUNGBLUTH · NO 14183 EXP 11/05/2021 · LICENSED LANDSCAPE ARCHITECT

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SR 204 INTERSECTION IMPROVEMENT (STAGE3)

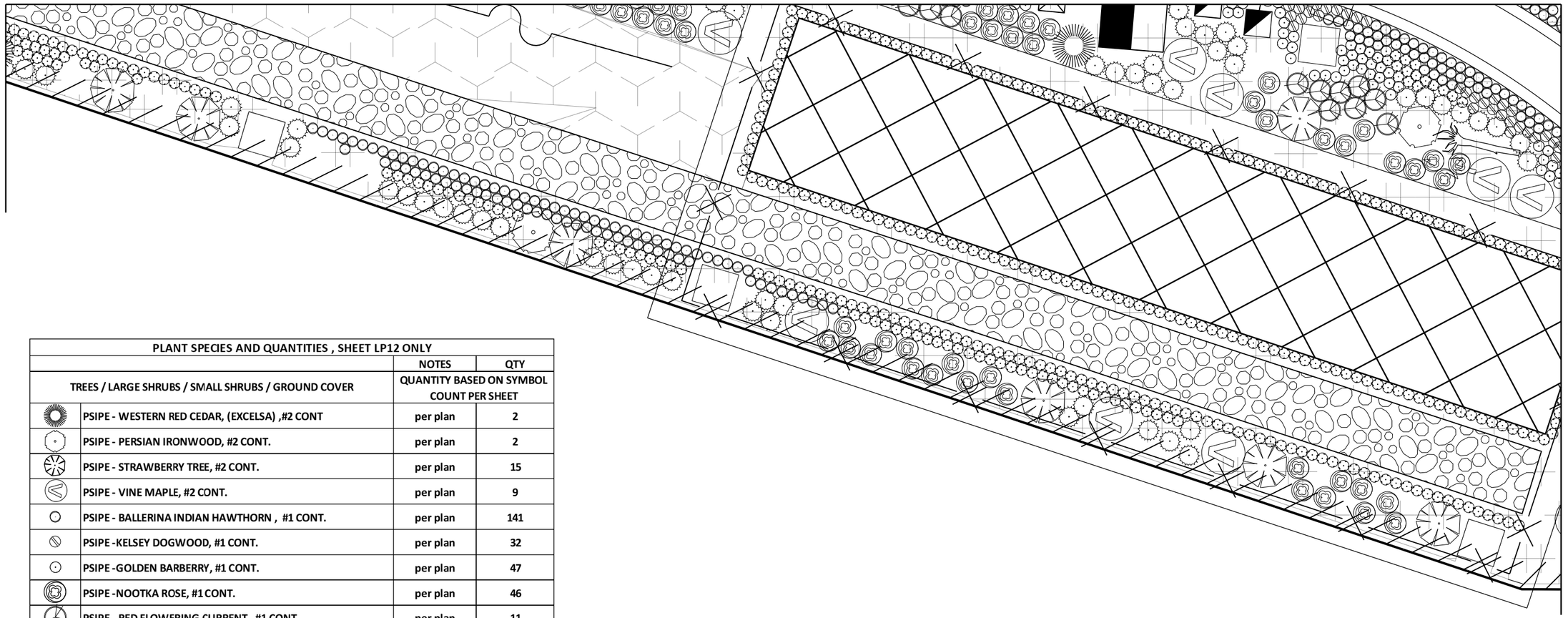
LANDSCAPE PLAN

PLAN REF NO
LP011

SHEET
OF
SHEETS

MATCH LINE SEE SHEET LP04

A LINE 263+00
MATCH LINE SEE SHEET LP03



A LINE 266+00
MATCH LINE SEE SHEET LP13

PLANT SPECIES AND QUANTITIES , SHEET 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	2
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	2
	PSIPE - STRAWBERRY TREE, #2 CONT.	per plan	15
	PSIPE - VINE MAPLE, #2 CONT.	per plan	9
	PSIPE - BALLERINA INDIAN HAWTHORN , #1 CONT.	per plan	141
	PSIPE -KELSEY DOGWOOD, #1 CONT.	per plan	32
	PSIPE -GOLDEN BARBERRY, #1 CONT.	per plan	47
	PSIPE -NOOTKA ROSE, #1 CONT.	per plan	46
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	11
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	51
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	350

N

0 10 20
SCALE IN FEET

FILE NAME	c:\pw_workIng\wastate\parsons_epw17187\dms24494\Stage3-Y-11834_PS_LA.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	3:38:52 PM				10	WASH	
DATE	5/4/2021				JOB NUMBER		
PLOTTED BY	hossein						
DESIGNED BY	N.HOSSEINIDARPOSHTI						
ENTERED BY	N.HOSSEINIDARPOSHTI				CONTRACT NO.		LOCATION NO.
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

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SR 204 INTERSECTION
IMPROVEMENT (STAGE3)

LANDSCAPE PLAN

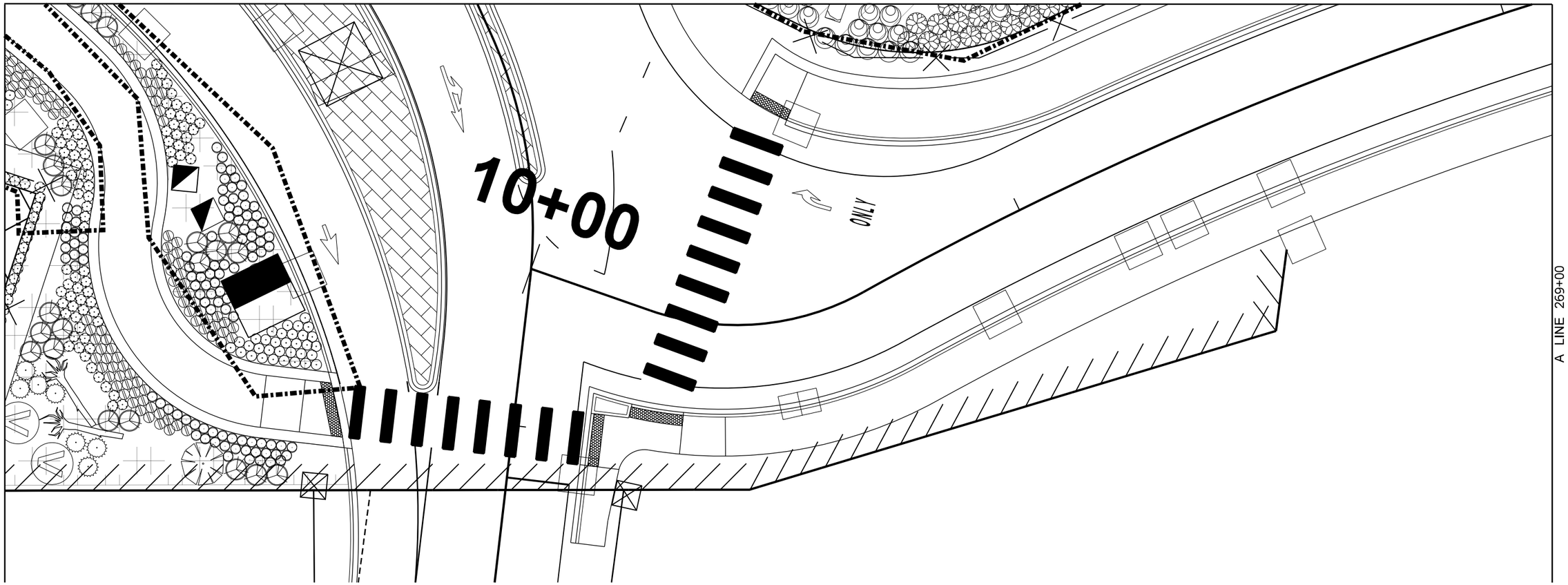
Plot 35

PLAN REF NO
LP12

SHEET
OF
SHEETS

MATCH LINE SEE SHEET LP05

A LINE 266+00
MATCH LINE SEE SHEET LP12



A LINE 269+00
MATCH LINE SEE SHEET LP06

PLANT SPECIES AND QUANTITIES , SHEET LP13 ONLY			
		NOTES	QTY
TREES / LARGE SHRUBS / SMALL SHRUBS / GROUND COVER		QUANTITY BASED ON SYMBOL COUNT PER SHEET	
	PSIPE - STRAWBERRY TREE, #2 CONT.	per plan	2
	PSIPE - VINE MAPLE, #2 CONT.	per plan	3
	PSIPE - BALLERINA INDIAN HAWTHORN , #1 CONT.	per plan	104
	PSIPE -KELSEY DOGWOOD, #1 CONT.	per plan	90
	PSIPE -GOLDEN BARBERRY, #1 CONT.	per plan	37
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	21
	PSIPE - SNOWBERRY, #1 CONT.	per plan	12
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	8
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	94

N

0 10 20
SCALE IN FEET

FILE NAME	c:\pw_working\wastate\parsons_epw17187\dms24494\Stage3-Y-11834_PS_LA.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	2:36:29 PM				10	WASH	
DATE	5/4/2021				JOB NUMBER		
PLOTTED BY	hossein						
DESIGNED BY	N.HOSSEINIDARPOSHTI						
ENTERED BY	N.HOSSEINIDARPOSHTI						
CHECKED BY	L.JUNGBLUTH				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K.NDILE						
REGIONAL ADM.	M.COTTEN	REVISION	DATE	BY			

STATE OF WASHINGTON · LINDSEY A. JUNGBLUTH · NO. 1483 EXP.11/09/2021 · LICENSED LANDSCAPE ARCHITECT

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SR 9
SR 204 INTERSECTION
IMPROVEMENT (STAGE3)

LANDSCAPE PLAN

Plot 36

PLAN REF NO
LP13

SHEET
OF
SHEETS

MATCH LINE SEE SHEET LP07

MATCH LINE SEE SHEET LP14

PB

A LINE 275+00
MATCH LINE SEE SHEET LP08

PLANT SPECIES AND QUANTITIES , SHEET LP14 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	40
	PSIPE - PERSIAN IRONWOOD, #2 CONT.	per plan	22
	PSIPE - SERVICEBERRY, #2 CONT.	per plan	30
	PSIPE - VINE MAPLE, #2 CONT.	per plan	33
	PSIPE - BALLERINA INDIAN HAWTHORN , #1 CONT.	per plan	93
	PSIPE -KELSEY DOGWOOD, #1 CONT.	per plan	152
	PSIPE -GOLDEN BARBERRY, #1 CONT.	per plan	64
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	46
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	113

N

0 10 20
SCALE IN FEET

FILE NAME	c:\pw_workIng\wastate\parsons_epw17187\dms24494\Stage3-Y-11834_PS_LA.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	2:39:59 PM						
DATE	5/4/2021				JOB NUMBER		
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 14183 EXP 11/07/2021 · LICENSED LANDSCAPE ARCHITECT

Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENT (STAGE3)

LANDSCAPE PLAN

Plot 37

PLAN REF NO
LP14

SHEET
OF
SHEETS

PLANT SPECIES AND QUANTITIES , SHEET LP15 ONLY			
		NOTES	QTY
TREES / LARGE SHRUBS / SMALL SHRUBS / GROUND COVER		QUANTITY BASED ON SYMBOL COUNT PER SHEET	
	PSIPE - SITKA SPRUCE, #2 CONT.	per plan	13
	PSIPE - SITKA WILLOW, #2 CONT.	per plan	11
	PSIPE - VINE MAPLE, #2 CONT.	per plan	9
	PSIPE - BALLERINA INDIAN HAWTHORN , #1 CONT.	per plan	25
	PSIPE -KELSEY DOGWOOD, #1 CONT.	per plan	22
	PSIPE -NOOTKA ROSE, #1 CONT.	per plan	35
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	0
	PSIPE - REDOSIER-DOGWOOD, #1 CONT.	per plan	56
	PSIPE - THIMBLEBERRY, #1 CONT.	per plan	37
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	66

PB

B LINE 122+00
MATCH LINE SEE SHEET LP16

120+00

WB

WB

WB

N

0 10 20
SCALE IN FEET

FILE NAME	c:\pw_working\wastate\parsons_epw17187\dms24494\Stage3-Y-11834_PS_LA.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
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DATE	5/4/2021				JOB NUMBER		
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DESIGNED BY	N.HOSSEINIDARPOSHTI						
ENTERED BY	N.HOSSEINIDARPOSHTI				CONTRACT NO.		LOCATION NO.
CHECKED BY	L.JUNGBLUTH						
PROJ. ENGR.	K.NDILE						
REGIONAL ADM.	M.COTTEN	REVISION	DATE	BY			

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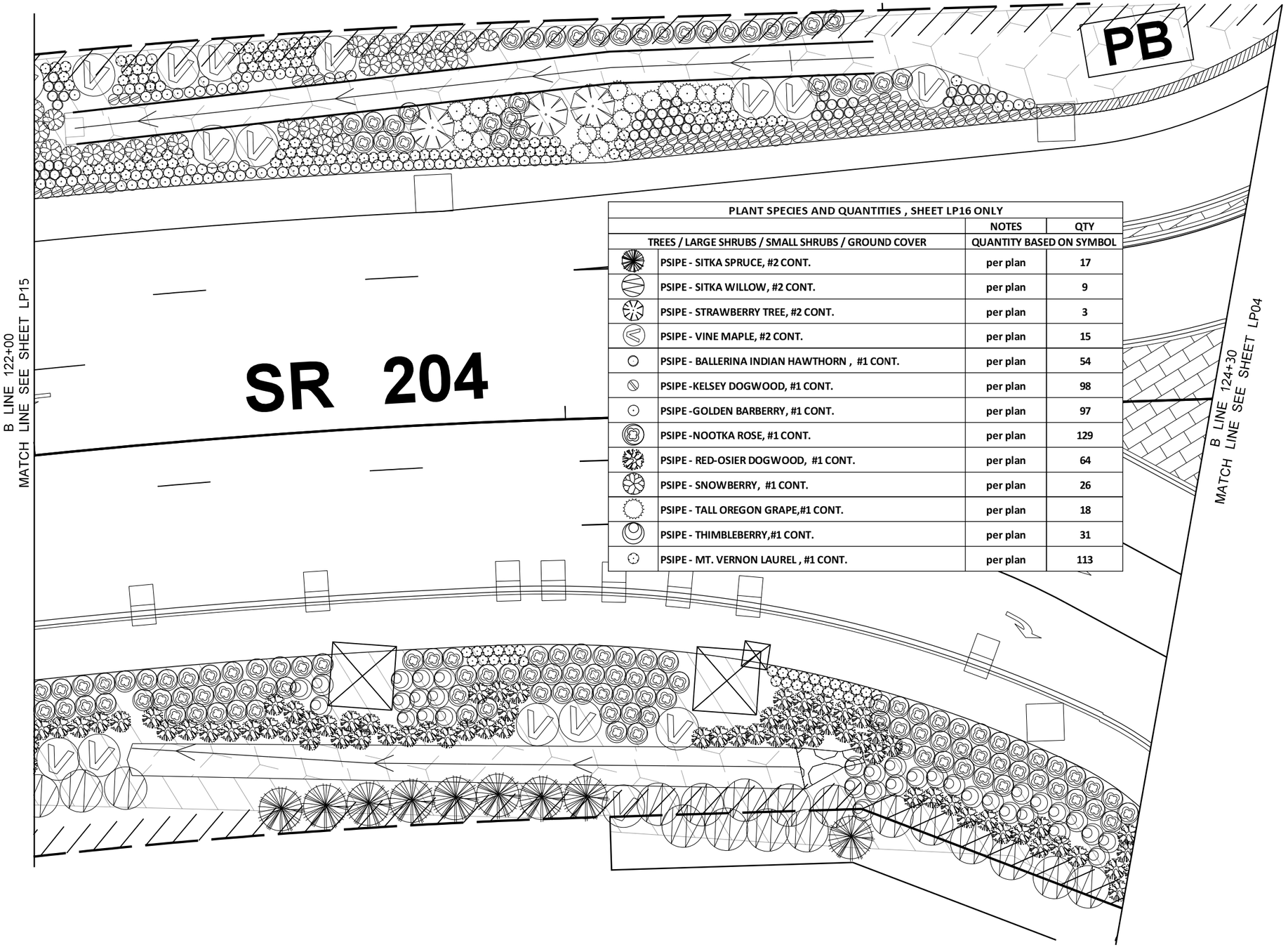
SR 9
SR 204 INTERSECTION
IMPROVEMENT (STAGE3)

LANDSCAPE PLAN

Plot 38

PLAN REF NO
LP15

SHEET
OF
SHEETS



PLANT SPECIES AND QUANTITIES , SHEET LP16 ONLY			
		NOTES	QTY
TREES / LARGE SHRUBS / SMALL SHRUBS / GROUND COVER		QUANTITY BASED ON SYMBOL	
	PSIPE - SITKA SPRUCE, #2 CONT.	per plan	17
	PSIPE - SITKA WILLOW, #2 CONT.	per plan	9
	PSIPE - STRAWBERRY TREE, #2 CONT.	per plan	3
	PSIPE - VINE MAPLE, #2 CONT.	per plan	15
	PSIPE - BALLERINA INDIAN HAWTHORN , #1 CONT.	per plan	54
	PSIPE -KELSEY DOGWOOD, #1 CONT.	per plan	98
	PSIPE -GOLDEN BARBERRY, #1 CONT.	per plan	97
	PSIPE -NOOTKA ROSE, #1 CONT.	per plan	129
	PSIPE - RED-OSIER DOGWOOD, #1 CONT.	per plan	64
	PSIPE - SNOWBERRY, #1 CONT.	per plan	26
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	18
	PSIPE - THIMBLEBERRY,#1 CONT.	per plan	31
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	113

FILE NAME	c:\pw_working\wastate\parsons_epw17187\dms24494\Stage3-Y-11834_PS_LA.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
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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			

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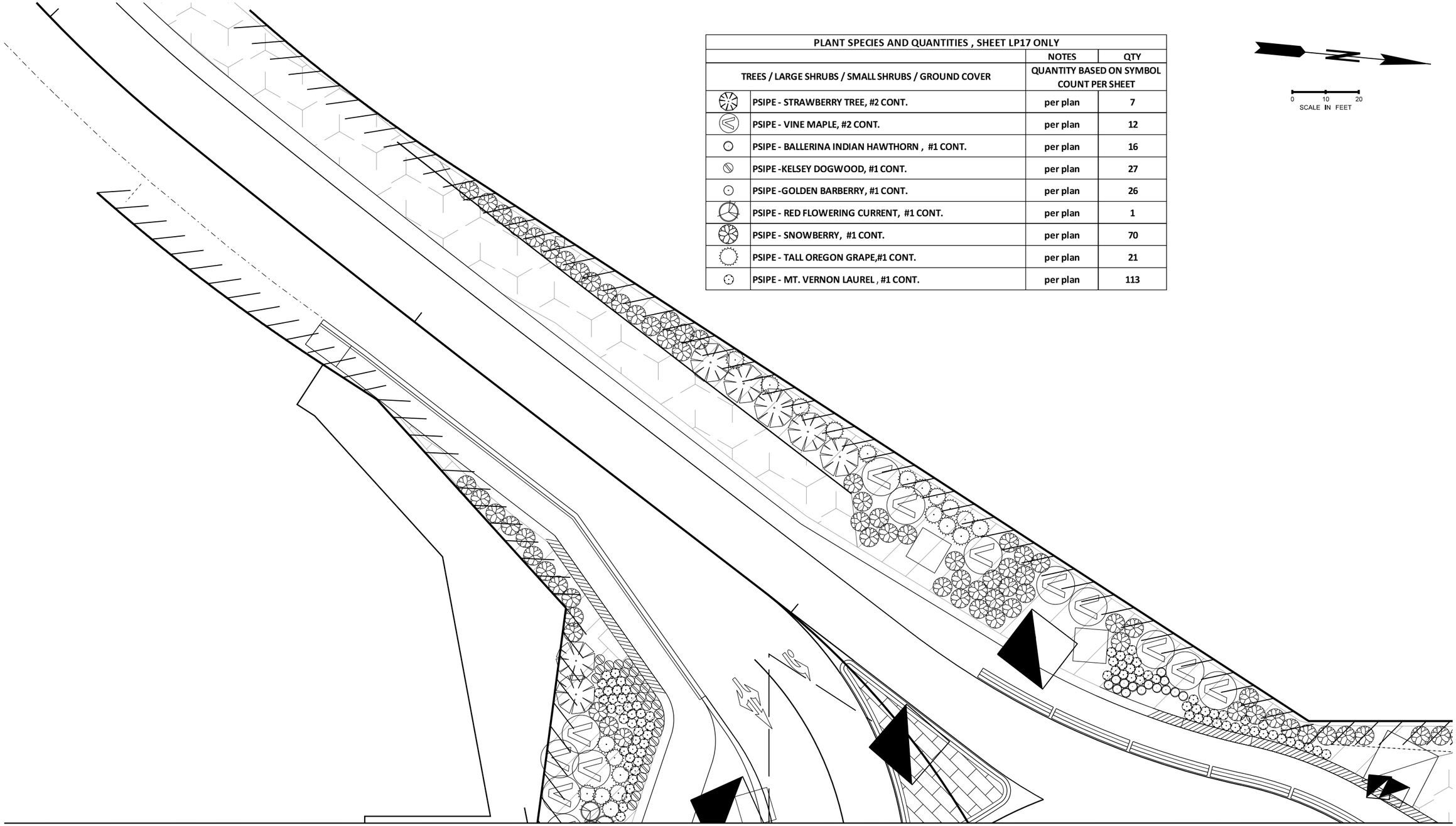
SR 9
SR 204 INTERSECTION IMPROVEMENT (STAGE3)

LANDSCAPE PLAN

Plot 39

PLAN REF NO
LP16

SHEET
OF
SHEETS



PLANT SPECIES AND QUANTITIES , SHEET LP17 ONLY			
		NOTES	QTY
TREES / LARGE SHRUBS / SMALL SHRUBS / GROUND COVER		QUANTITY BASED ON SYMBOL COUNT PER SHEET	
	PSIPE - STRAWBERRY TREE, #2 CONT.	per plan	7
	PSIPE - VINE MAPLE, #2 CONT.	per plan	12
	PSIPE - BALLERINA INDIAN HAWTHORN , #1 CONT.	per plan	16
	PSIPE -KELSEY DOGWOOD, #1 CONT.	per plan	27
	PSIPE -GOLDEN BARBERRY, #1 CONT.	per plan	26
	PSIPE - RED FLOWERING CURRENT, #1 CONT.	per plan	1
	PSIPE - SNOWBERRY, #1 CONT.	per plan	70
	PSIPE - TALL OREGON GRAPE,#1 CONT.	per plan	21
	PSIPE - MT. VERNON LAUREL , #1 CONT.	per plan	113

N

0 10 20
SCALE IN FEET

H LINE 28+32
MATCH LINE SEE SHEET LP07

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

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SR 204 INTERSECTION
IMPROVEMENT (STAGE3)

LANDSCAPE PLAN

Plot 40
PLAN REF NO
LP17
SHEET
OF
SHEETS

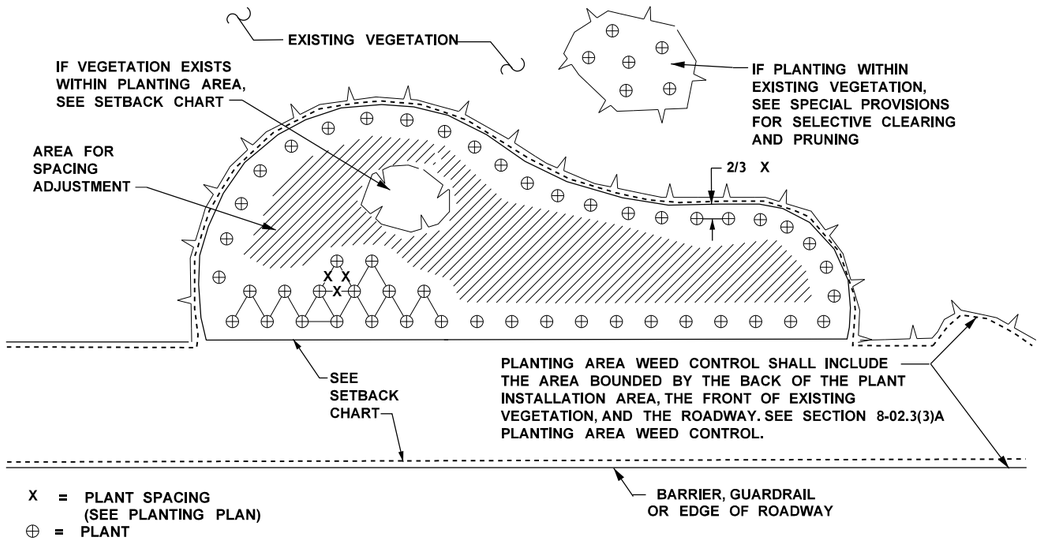
PLANT MATERIAL LIST

COMMON NAME	BOTANICAL NAME	QUANTITY	SIZE	ROOT CONDITION	REMARKS
DECIDUOUS TREES					
PERSIAN IRONWOOD	PARROTIA PERSICA	170	18 IN.HT.	NO. 2 CONT.	SECTION 9-14.7(2) THREE STEM MIN.
VINE MAPLE***	ACER CIRCINATUM	256	18 IN.HT.	NO. 2 CONT.	SECTION 9-14.7(2), THREE STEM MIN.
EVERGREEN TREES					
SITKA SPRUCE	PICEA SITCHENSIS	64	18 IN.HT.	NO. 2 CONT.	SECTION 9-14.7(2), SINGLE LEADER
STRAWBERRY TREE	ARBUTUS ANEDO	83	18 IN.HT.	NO. 2 CONT.	SECTION 9-14.7(2), SINGLE LEADER
WESTERN RED CEDAR 'EXCELSA'	THUJA PLICATA 'EXCELSA'	209	18 IN.HT.	NO. 2 CONT.	SECTION 9-14.7(2), SINGLE LEADER
SHRUBS					
SERVICEBERRY***	AMELANCHIER ALNIFOLIA	42	12 IN.HT.	NO. 1 CONT.	SECTION 9-14.7(2), 12" SPREAD MIN.
BALLERINA INDIAN HAWTHORN*	RHAPHIOLEPIS INDICA "BALLERINA"	1650	12 IN.HT.	NO. 1 CONT.	SECTION 9-14.7(2), 12" SPREAD MIN.
GOLDEN BARBERRY*	BERBERIS THUNBERGII "AUREA"	1174	12 IN.HT.	NO. 1 CONT.	SECTION 9-14.7(2), 12" SPREAD MIN.
RED FLOWERING CURRANT**	RIBES SANGUINEUM " KING EDWARD V11"	526	12 IN.HT.	NO.1 CONT.	SECTION 9-14.7(2), THREE STEM MIN.
RED-OSIER DOGWOOD***	CORNUS STOLONIFERA	130	12 IN.HT.	NO. 1 CONT.	SECTION 9-14.7(2), THREE STEM MIN.
TALL OREGON GRAPE**	MAHONIA AQUIFOLIUM	670	12 IN.HT.	NO. 1 CONT.	SECTION 9-14.7(2), FULL CONTAINER
MOUNT VERNON LAUREL*	PRUNUS LAUROCERASUS 'MOUNT VERNON'	2831	12 IN.HT.	NO. 1 CONT.	SECTION 9-14.7(2), THREE CANE MIN.
RED FLOWERING CURRANT**	RIBES SANGUINEUM 'KING EDWARD VII'	130	12 IN.HT.	NO. 1 CONT.	SECTION 9-14.7(2), THREE CANE MIN.
NOOTKA ROSE**	ROSA NUTKANA	713	12 IN.HT.	NO. 1 CONT.	SECTION 9-14.7(2), THREE CANE MIN.
THIMBLEBERRY**	RUBUS PARVIFLORUS	140	12 IN.HT.	NO. 1 CONT.	SECTION 9-14.7(2), THREE CANE MIN.
SITKA WILLOW***	SALIX SITCHENSIS	45	12 IN.HT.	NO. 1 CONT.	SECTION 9-14.7(2), THREE CANE MIN.
SNOWBERRY**	SYMPHORICARPOS ALBUS	690	12 IN.HT.	NO. 1 CONT.	SECTION 9-14.7(2), THREE CANE MIN.

PLANT MATERIAL SETBACK CHART

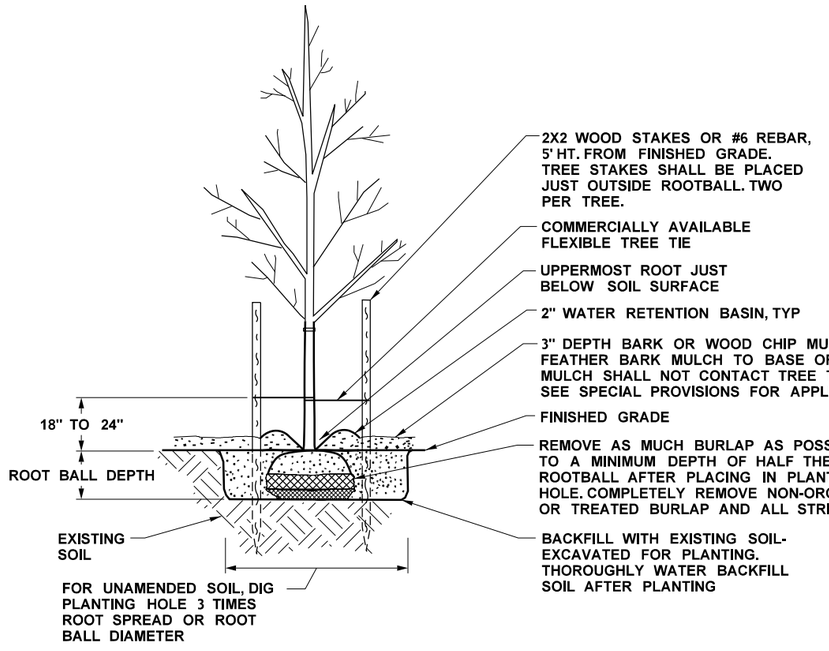
THIS CHART SUPPLEMENTS SECTION 8.02.3(7) OF THE STANDARD SPECIFICATIONS. SETBACKS APPLY UNLESS OTHERWISE ADJUSTED BY ENGINEER DURING PLANT STAKING OR LAYOUT. DISTANCES BELOW ARE TO THE STEM OR TRUNK OF THE

	GUARDRAIL BARRIER	EDGE OF ROADW	WALL	FENCE	SIGNS	EXISTING TREE TRUNK	EXISTING VEGETATION MASS	OVERHEAD POWER	DRAINAGE STRUCTURE	DRAINAGE ACCESS ROAD	SIDEWALK	SIGNING AND LIGHTING
GROUNDCOVER *	5'	2'-5'	3'	1.5'	1.5'	2'	2'	-	2'	5'	2'	2'
SMALL SHRUB **	5'	5'	5'	3'	5'	5'	5'	-	5'	5'	2'-5'	5'
TALL SHRUB ***	10'	10'	10'	3'	5'	10'	10'	10'	10'	10'	5'	10'
DECIDUOUS TREE	15'	20'	15'	8'	15'	15'	10'	20'	10'	15'	10'	15'
EVERGREEN TREE	15'	20'	10'	8'	15'	15'	10'	20'	10'	15'	10'	15'



PLANTING AREA LAYOUT, SETBACK, AND WEED CONTROL

NOT TO SCALE



TREE PLANTING AND STAKING

BALLED AND BURLAPPED

NOT TO SCALE

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TIME	4:00:50 PM				10	WASH	
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PLOTTED BY	hossein						
DESIGNED BY	N.HOSSEINIDARPOSHT						
ENTERED BY	N.HOSSEINIDARPOSHT						
CHECKED BY	L. JUNGBLUTH				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K.NDILE						
REGIONAL ADM.	M.COTTEN	REVISION	DATE	BY			

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Washington State Department of Transportation

SR 9

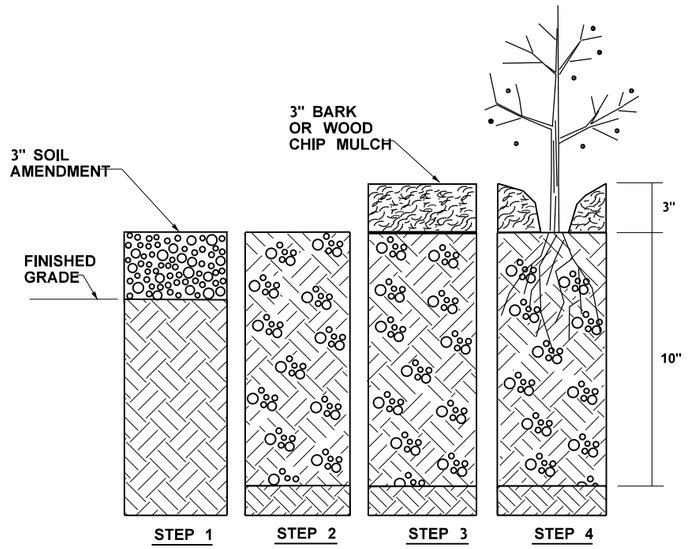
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

LANDSCAPE DETAILS

Plot 27

LD01

SHEET OF SHEETS



PLANTING AREA PREPARATION (SEE SECTION 8-02.3(5) IN THE SPECIAL PROVISIONS)

STEP 1

PLACE 3" SOIL AMENDMENT.

STEP 2

INCORPORATE SOIL AMENDMENT TO 10" DEPTH ACCORDING TO SECTION 8-02.3(6), SOIL AMENDMENT, IN THE SPECIAL PROVISIONS.

STEP 3

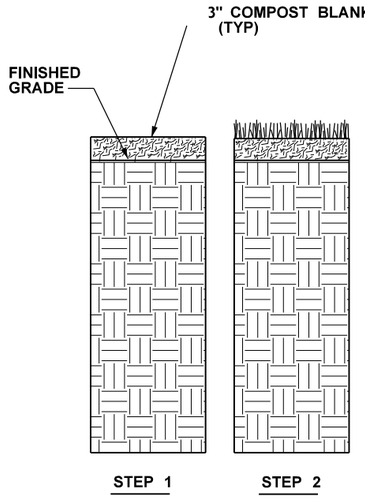
IN PLANTING AREAS WITH WOODY PLANTS, INSTALL BARK OR WOOD CHIP MULCH 3" DEEP.

STEP 4

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

PLANTING AREAS SOIL PREPARATION - SEQUENCE OF WORK

SECTION VIEW NOT TO SCALE



PLANTING AREA PREPARATION (SEE SPECIAL PROVISIONS)

STEP 1

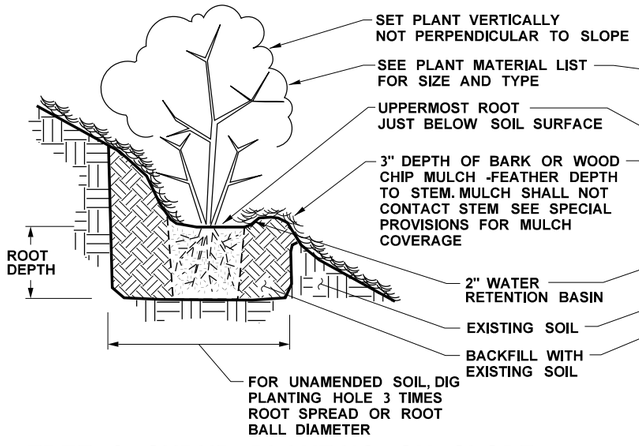
PLACE 3" COMPOST BLANKET ACCORDING TO THE PLANS.

STEP 2

INSTALL SEEDING AND FERTILIZING ACCORDING TO THE PLANS AND SPECIAL PROVISIONS.

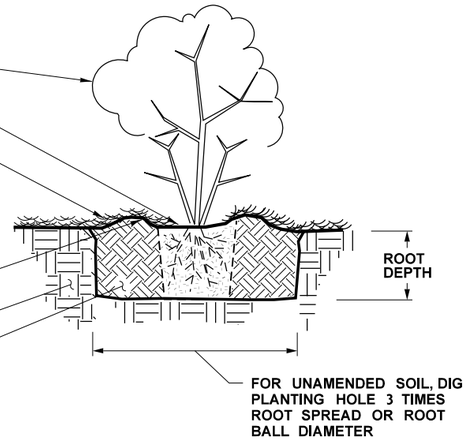
SEEDING AREA SOIL PREPARATION

SECTION VIEW NOT TO SCALE



TREE & SHRUB PLANTING ON SLOPE

BARE ROOT AND CONTAINER NOT TO SCALE



TREE & SHRUB PLANTING

BARE ROOT AND CONTAINER NOT TO SCALE

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PLOTTED BY	hosseln						
DESIGNED BY	N.HOSSEINIDARPOSHT						
ENTERED BY	N.HOSSEINIDARPOSHT						
CHECKED BY	L. JUNGBLUTH				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K.NDILE						
REGIONAL ADM.	M.COTTEN	REVISION	DATE	BY			

STATE OF WASHINGTON · LINDSEY A JUNGBLUTH · 14183 · EXP.11/07/2021 · LICENSED LANDSCAPE ARCHITECT

DATE P.E. STAMP BOX DATE P.E. STAMP BOX

Washington State Department of Transportation

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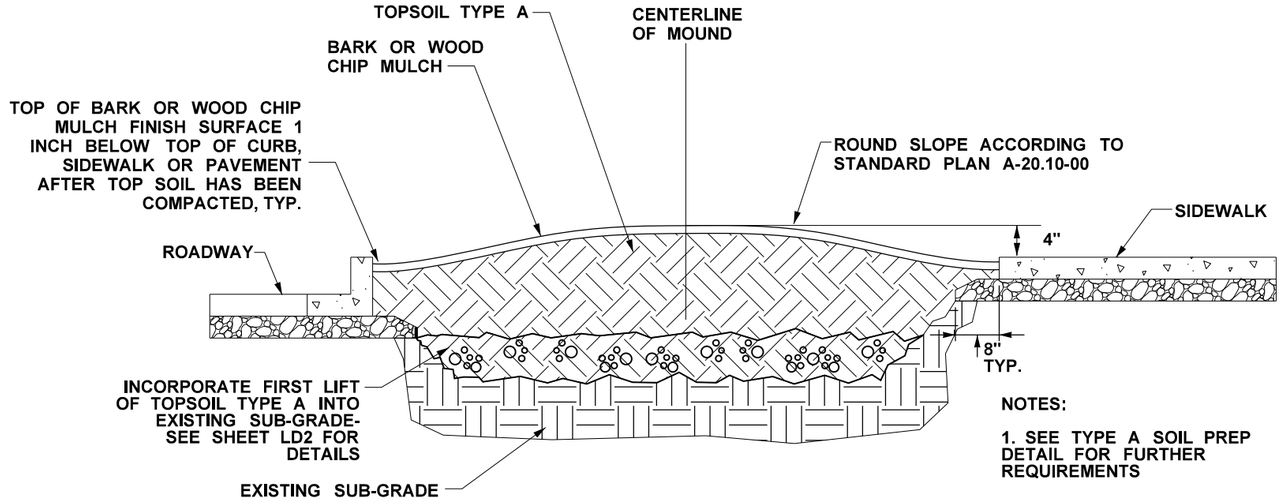
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

LANDSCAPE DETAILS

Plot 37

PLAN REF NO LD02

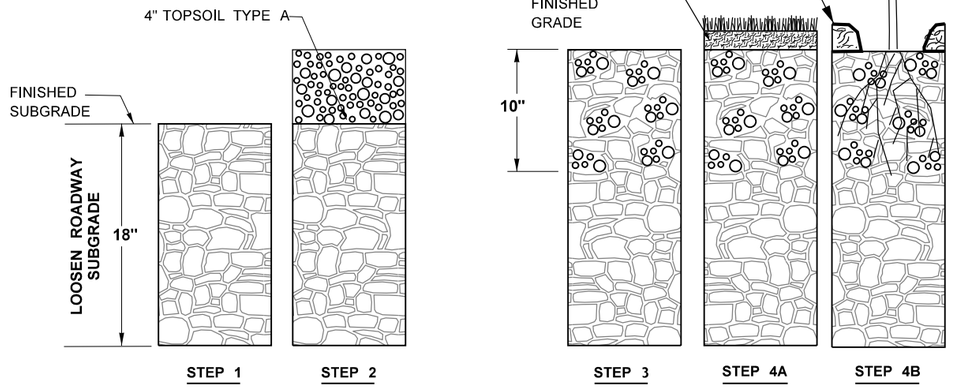
SHEET OF SHEETS



PLANTING STRIP

SECTION VIEW

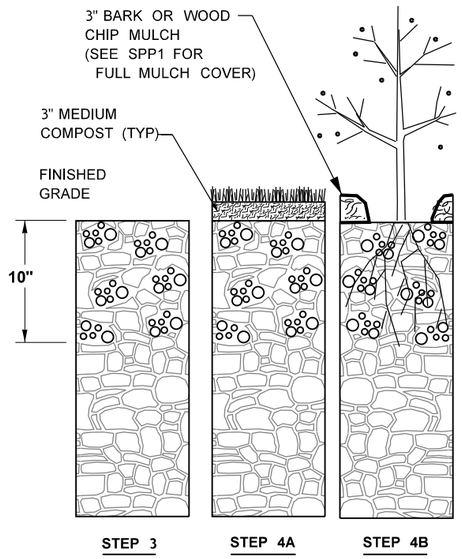
NOT TO SCALE



SOIL LOOSENING - SEQUENCE OF WORK

SECTION VIEW

NOT TO SCALE



PLANTING AREA PREPARATION (SEE SPECIAL PROVISIONS)

STEP 1

FOLLOWING THE REMOVAL OF EXISTING ACP, LOOSEN THE OLD ROAD BED TO A MIN. DEPTH OF 18".

STEP 2

PLACE 4" THE FIRST LIFT OF TOPSOIL TYPE A OR 3" SOIL AMENDMENT (SEE SPECIAL PROVISIONS) WHERE SHOWN IN THE PLANS

STEP 3

INCORPORATE SOIL AMENDMENT OR TOPSOIL TYPE A TO DEPTH OF 10"

INSTALL REMAINING TOPSOIL TYPE A

STEP 4A

APPLY 3" COMPOST SEEDING WHERE SHOWN IN THE PLANS

STEP 4B

INSTALL PLANT

INSTALL BARK OR WOOD CHIP MULCH TO A 3" DEPTH

FILE NAME	c:\pw_working\wastate\parsons_epw17187\dms24494\Stage_3_Y_11834_PS_LD.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	4:03:37 PM				10	WASH	
DATE	5/4/2021				JOB NUMBER		
PLOTTED BY	hossein						
DESIGNED BY	N.HOSSEINIDARPOSHT				CONTRACT NO.		LOCATION NO.
ENTERED BY	N.HOSSEINIDARPOSHT						
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 — P.E. STAMP BOX

DATE — P.E. STAMP BOX

Washington State Department of Transportation

SR 9

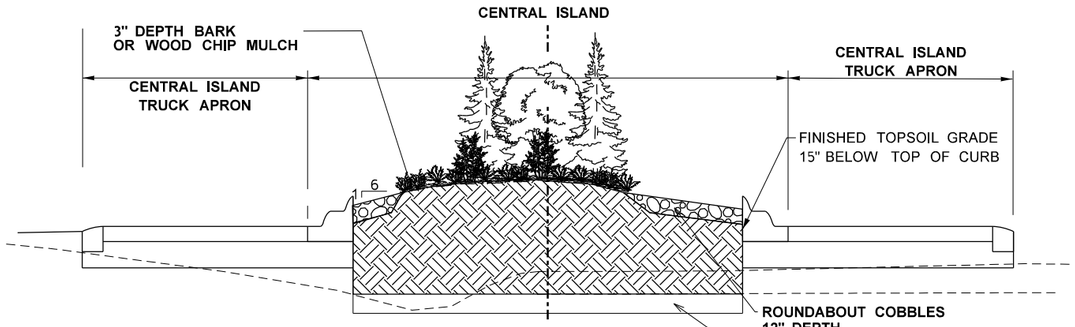
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

LANDSCAPE DETAILS

Plot 38

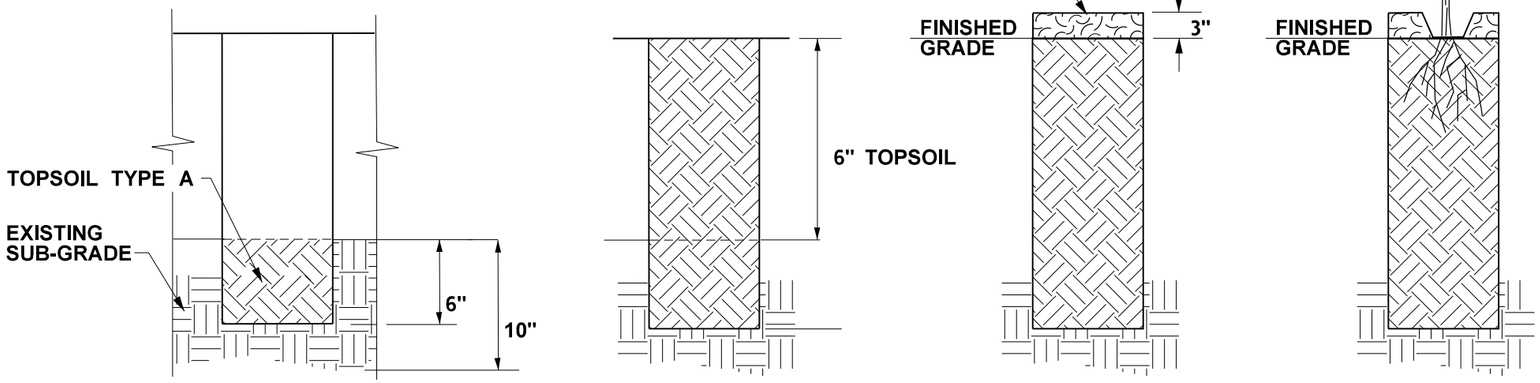
PLAN REF NO **LD03**

SHEET OF SHEETS



ROUNDABOUT SECTION

(ROUNDABOUT CIRCLE) NOT TO SCALE



STEP 1

INCORPORATE 6 INCHES OF TOPSOIL INTO EXISTING SUBGRADE TO A DEPTH OF 10 INCHES.

STEP 2

PLACE SECOND LIFTS OF TOPSOIL (6"), OVER THE INCORPORATED SOIL TO THE FINIHSED GRADES.

STEP 3

PLACE 3 INCHES OF BARK OR WOOD CHIP MULCH.

NOTE: IN AREAS WITH CONTOUR GRADING, TOPSOIL PLACEMENT MUST BE APPROVED BEFORE BARK OR WOOD CHIP MULCH IS PLACED.

STEP 4

INSTALL PLANT (SEE STANDARD PLAN H-10.10-00)

TOPSOIL TYPE A PLACEMENT - SEQUENCE OF WORK - FULL COVERAGE

SECTION VIEW NOT TO SCALE

FILE NAME	c:\pw_workIng\wastate\parsons_epw17187\dms24494\Stage 3_Y_11834_PS_LD.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	4:05:34 PM				10	WASH	
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DESIGNED BY	N.HOSSEINIDARPOSHT				CONTRACT NO.		LOCATION NO.
ENTERED BY	N.HOSSEINIDARPOSHT						
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 P.E. STAMP BOX DATE P.E. STAMP BOX

Washington State Department of Transportation

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SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

LANDSCAPE DETAILS

Plot 39

PLAN REF NO **LD04**

SHEET OF SHEETS

QUANTITY TABULATION - PAVEMENT MARKING

NOTE:
CODE COLUMN NOT APPLICABLE AS LOCATION DETERMINED BY ALIGNMENT AND STATION.

CODE	LOCATION \ UNIT OF MEASURE	CEMENT CONC. PAVEMENT	TEXTURED AND PIGMENTED CEMENT CONC. PAVEMENT	PLANING BITUMINOUS PAVEMENT	HMA CL. 1/2 IN. PG 58H-22	CEMENT CONC. SIDEWALK											SEE GENERAL NOTES
		C.Y.	S.Y.	S.Y.	TON	S.Y.											
NA	A 252+00 TO A 260+00	0	0	3292	980	98											
NA	A 260+00 TO A 265+00	53	339	2919	894	487											
NA	A 265+00 TO A 270+00	66	961	3166	1257	685											
NA	A 270+00 TO A 275+00	0	1020	582	2409	295											
NA	A 275+00 TO A 282+07	0	219	2331	581	0											
NA	E 10+00 TO E 17+21.94	0	0	1124	1788	287											
NA	B 115+00 TO B 124+28	0	116	2434	853	400											
NA	F 70+80 TO F 73+37	0	162	0	547	107											
NA	G 10+22 TO G 16+60	0	144	498	1103	551											
NA	G 17+24 TO G 22+77	0	32	410	748	274											
NA	H 30+04 TO H 32+96	0	187	59	791	16											
NA	H 28+60 TO H 20+00	0	334	1430	713	145											
NA	J 30+00 TO J 30+73	0	81	953	143	10											
NA	J 33+61 TO J 37+00	0	2	199	8	29											
	SHEET TOTAL	119	3598	19400	12815	3383											
	PROJECT TOTAL	119	3598	19400	12815	3383											

GENERAL NOTES:

1. SEE ROADWAY SECTIONS FOR MATERIAL DEPTHS.
2. SEE PAVING AND PAVING CONTROL SHEETS FOR MATERIAL LOCATIONS AND TYPES.
3. SEE SITE PREPARATION SHEETS FOR PLANING BITUMINOUS PAVEMENT LIMITS.
4. SEE PAVING CONTROL AND PAVING DETAIL SHEETS FOR TEXTURED AND PIGMENTED CONCRETE ISLAND AREAS.
5. SEE RETAINING WALL SHEETS FOR RETAINING WALL QUANTITIES

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DATE	5/6/2021
PLOTTED BY	p0024020
DESIGNED BY	H. CARREON
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. BROWN
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE
10	WASH

JOB NUMBER

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

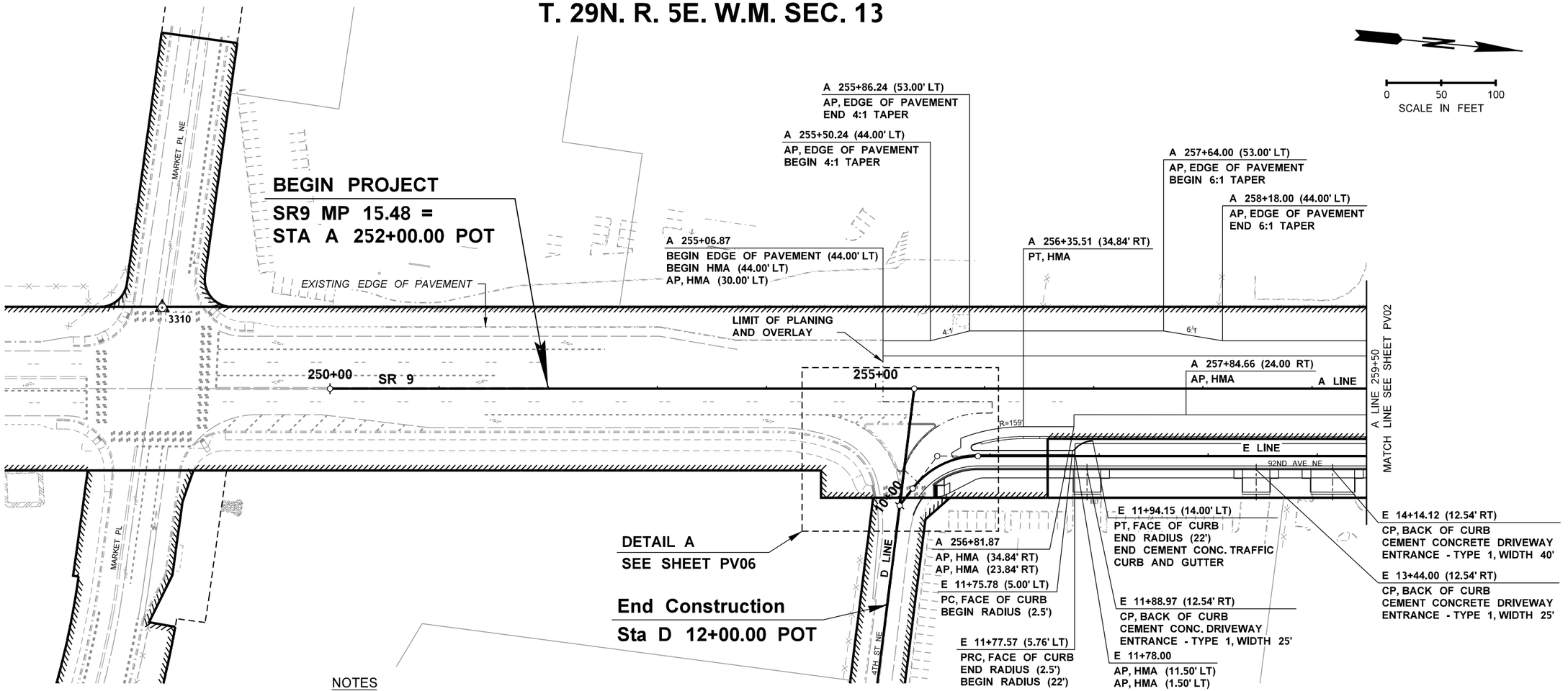
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

QUANTITY TABULATION - PAVEMENT

PLAN REF NO
QTPV01

SHEET
OF
SHEETS

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



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.
3. CURVE DATA DESCRIBES GEOMETRY AT CURB FLOWLINE OR AT EDGE OF PAVEMENT/EDGE OF HMA IF NO CURB PRESENT. SEE PAVING CONTROL AND PAVING DETAIL SHEETS FOR ADDITIONAL GEOMETRIC INFORMATION. EDGE OF FULL DEPTH PAVEMENT OFFSET 2' FROM EDGE OF GUTTER, SEE PVD05.
4. SEE ROADWAY SECTIONS FOR ADDITIONAL WIDTH AND MATERIAL CONSTRUCTION INFORMATION.
5. SEE SIDEWALK PLAN AND PROFILES FOR ADDITION SIDEWALK CONTROL INFORMATION.
6. SEE PAVING DETAIL SHEETS FOR ADDITIONAL SIDEWALK RAMP AND DRIVEWAY INFORAMATION.
7. SEE SITE PREPARATION SHEETS FOR LIMITS OF PLANING AND OVERLAY.

LEGEND

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

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage 3_Y-11834_PS_PV_01.dgn				
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DESIGNED BY	B. HOLMAN				
ENTERED BY	K. MCWILLIAMS				
CHECKED BY	H. VENNA				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

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

ZACHARY R. BROWN — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

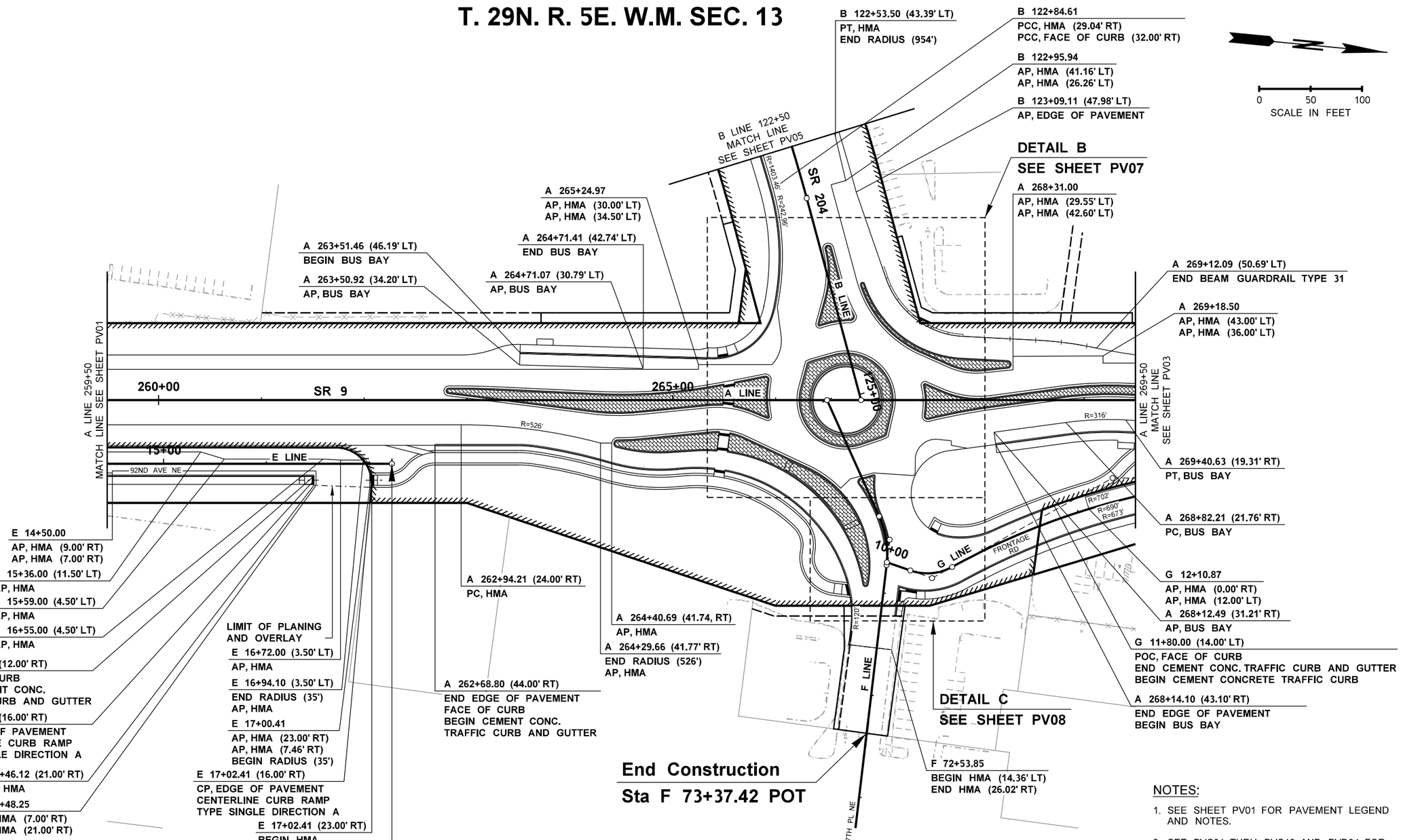
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING PLAN

PLAN REF NO
PV01
SHEET
OF
SHEETS

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



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTES:

1. SEE SHEET PV01 FOR PAVEMENT LEGEND AND NOTES.
2. SEE PVC01 THRU PVC12 AND PVD04 FOR FOR ADDITIONAL SPLITTER ISLAND DETAILS.
3. SEE PVD01 THRU PVD03 FOR ADDITIONAL CENTRAL ISLAND DETAILS.
4. SEE PVD06 THRU PVD29 FOR ADDITIONAL SIDEWALK AND CURB RAMP DETAILS AND QUANTITIES.

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

ZACHARY R. BROWN — STATE OF WASHINGTON — 22782 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

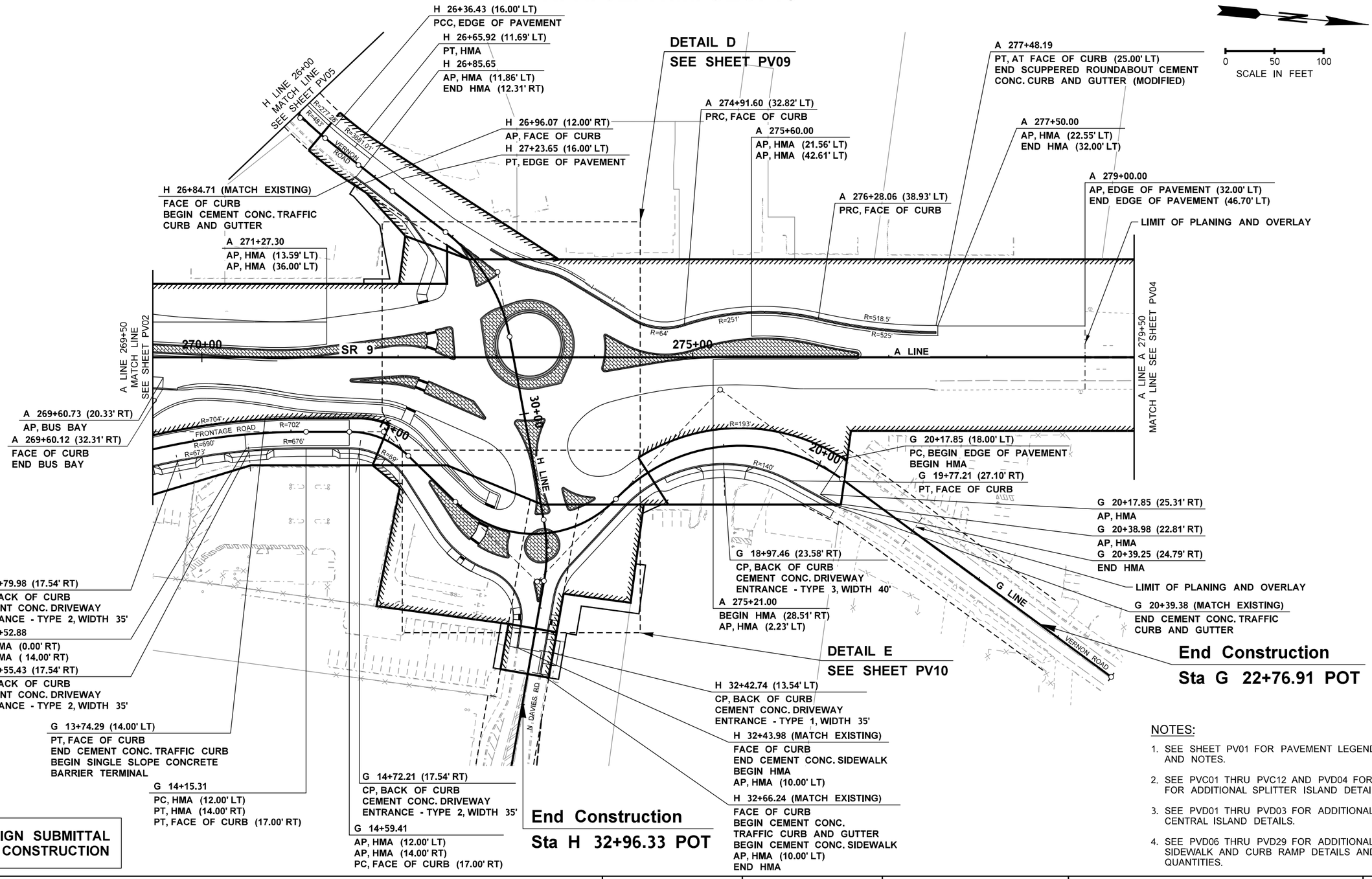
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING PLAN

PLAN REF NO
PV02
SHEET
OF
SHEETS

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



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTES:

1. SEE SHEET PV01 FOR PAVEMENT LEGEND AND NOTES.
2. SEE PVC01 THRU PVC12 AND PVD04 FOR FOR ADDITIONAL SPLITTER ISLAND DETAILS.
3. SEE PVD01 THRU PVD03 FOR ADDITIONAL CENTRAL ISLAND DETAILS.
4. SEE PVD06 THRU PVD29 FOR ADDITIONAL SIDEWALK AND CURB RAMP DETAILS AND QUANTITIES.

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

ZACHARY R. BROWN — STATE OF WASHINGTON — 47624 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

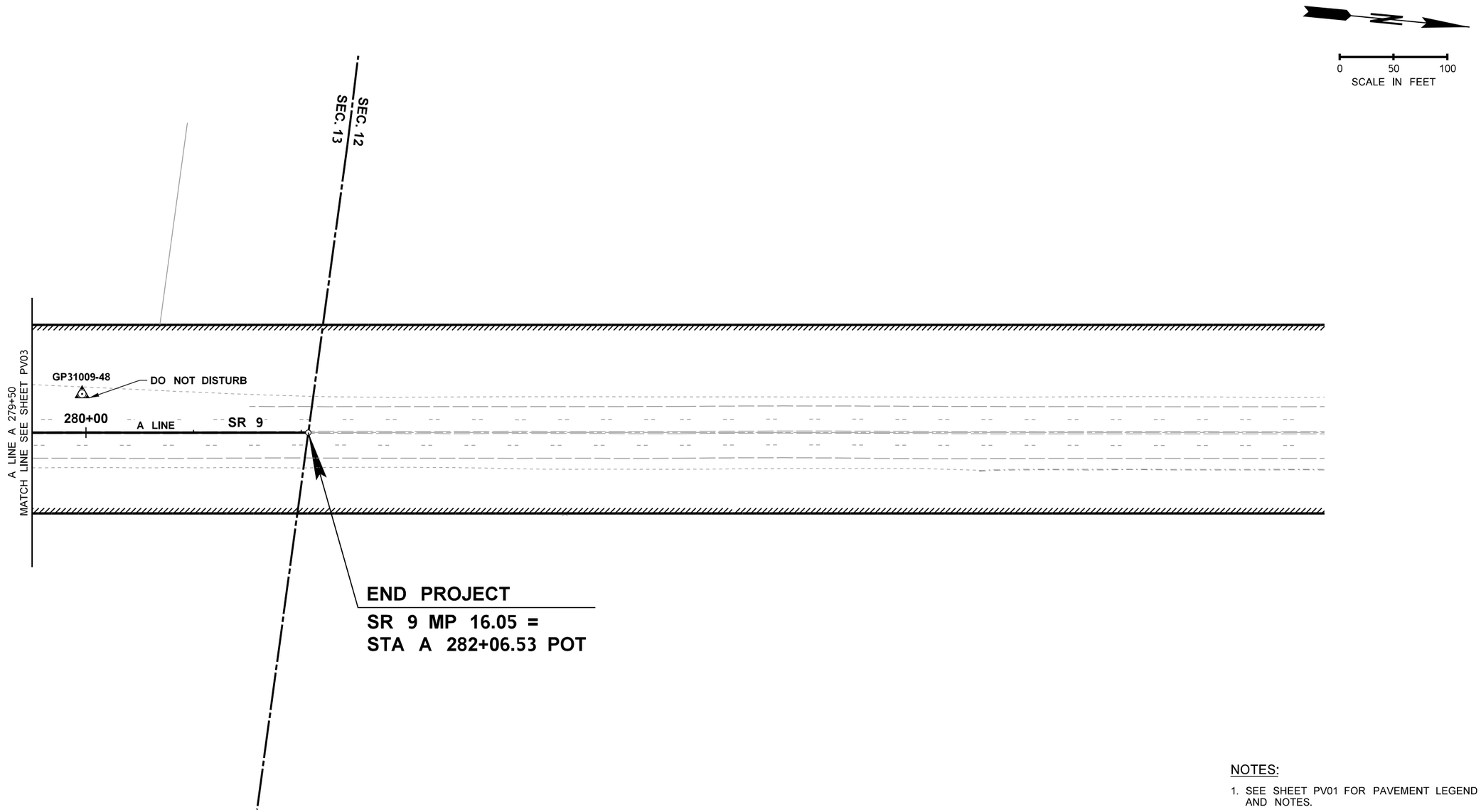
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING PLAN

PLAN REF NO
PV03

SHEET
OF
SHEETS

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



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SCALE IN FEET

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTES:

1. SEE SHEET PV01 FOR PAVEMENT LEGEND AND NOTES.
2. SEE PVC01 THRU PVC12 AND PVD04 FOR FOR ADDITIONAL SPLITTER ISLAND DETAILS.
3. SEE PVD01 THRU PVD03 FOR ADDITIONAL CENTRAL ISLAND DETAILS.
4. SEE PVD06 THRU PVD29 FOR ADDITIONAL SIDEWALK AND CURB RAMP DETAILS AND QUANTITIES.

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DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 47924 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State
Department of Transportation

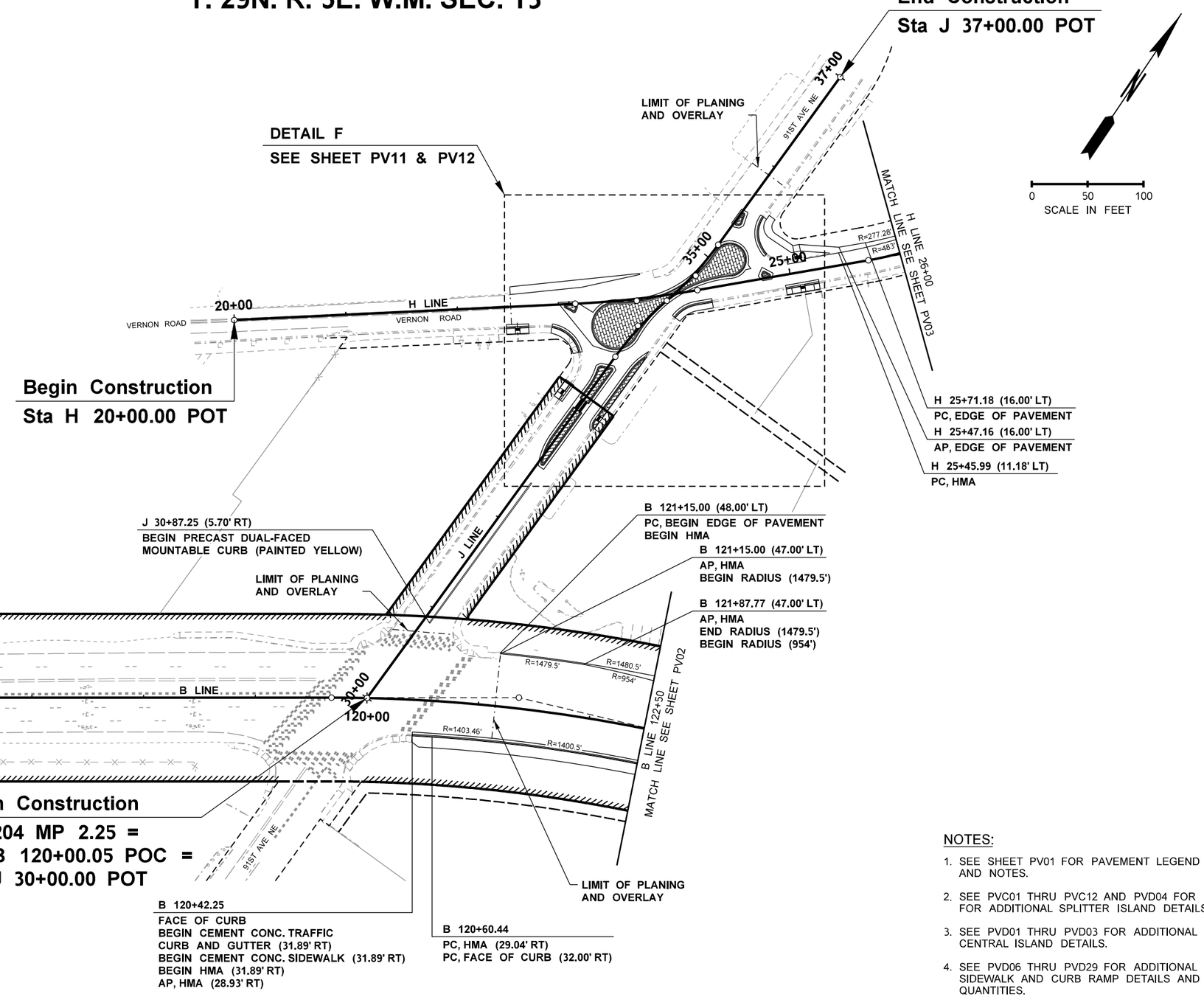
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 3)

PAVING PLAN

PLAN REF NO
PV04

SHEET
OF
SHEETS

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



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTES:

1. SEE SHEET PV01 FOR PAVEMENT LEGEND AND NOTES.
2. SEE PVC01 THRU PVC12 AND PVD04 FOR FOR ADDITIONAL SPLITTER ISLAND DETAILS.
3. SEE PVD01 THRU PVD03 FOR ADDITIONAL CENTRAL ISLAND DETAILS.
4. SEE PVD06 THRU PVD29 FOR ADDITIONAL SIDEWALK AND CURB RAMP DETAILS AND QUANTITIES.

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DESIGNED BY	B. HOLMAN					CONTRACT NO.	LOCATION NO.
ENTERED BY	K. MCWILLIAMS						
CHECKED BY	H. VENNA						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY		

ZACHARY R. BROWN — STATE OF WASHINGTON — 17624 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING PLAN

PLAN REF NO **PV05**

SHEET OF SHEETS

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

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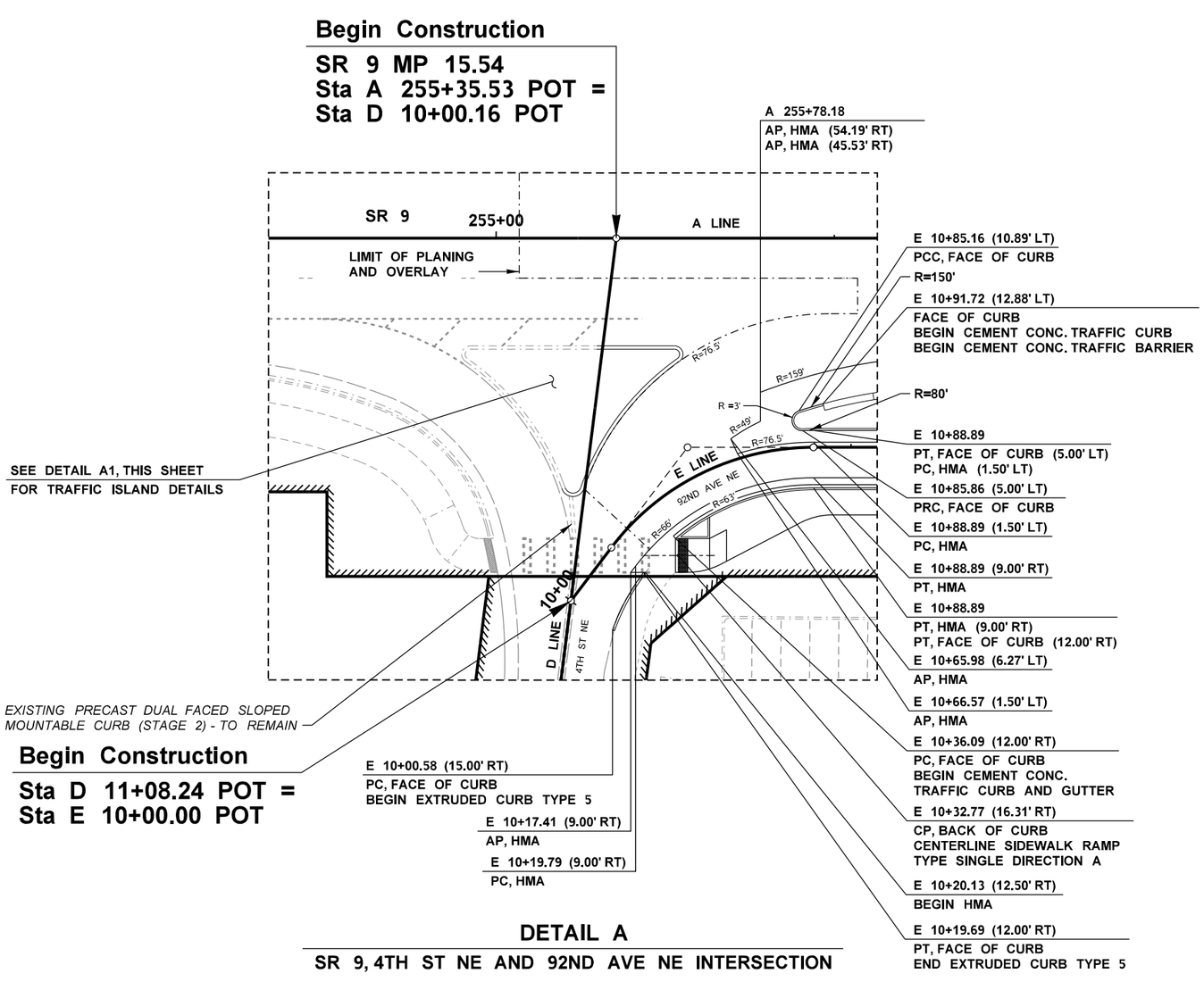
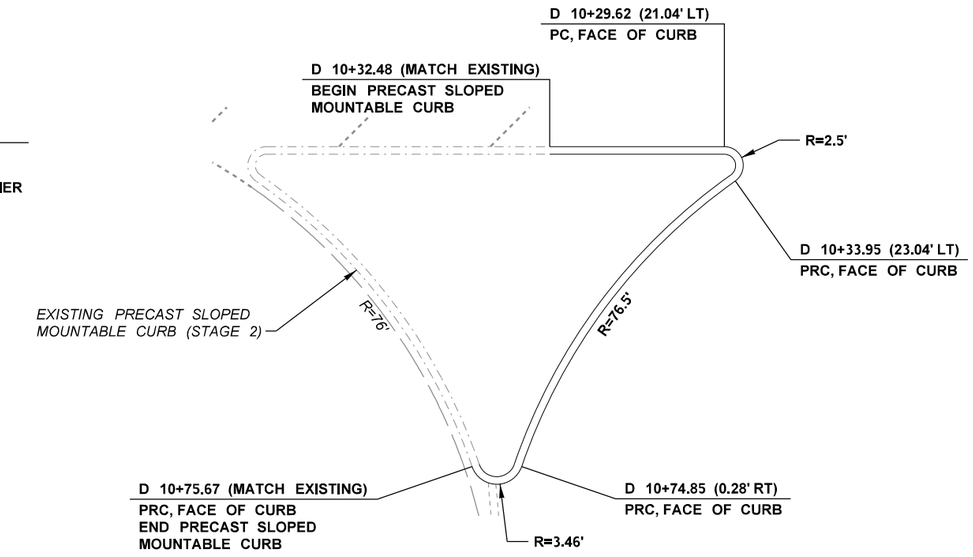


DETAIL A

SR 9, 4TH ST NE AND 92ND AVE NE INTERSECTION



DETAIL A1

HMA TRAFFIC ISLAND DETAILS
NOT TO SCALE

NOTES:

1. SEE SHEET PV01 FOR PAVEMENT LEGEND AND NOTES.
2. SEE PVC01 THRU PVC12 AND PVD04 FOR FOR ADDITIONAL SPLITTER ISLAND DETAILS.
3. SEE PVD01 THRU PVD03 FOR ADDITIONAL CENTRAL ISLAND DETAILS.
4. SEE PVD06 THRU PVD29 FOR ADDITIONAL SIDEWALK AND CURB RAMP DETAILS AND QUANTITIES.

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 47624 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

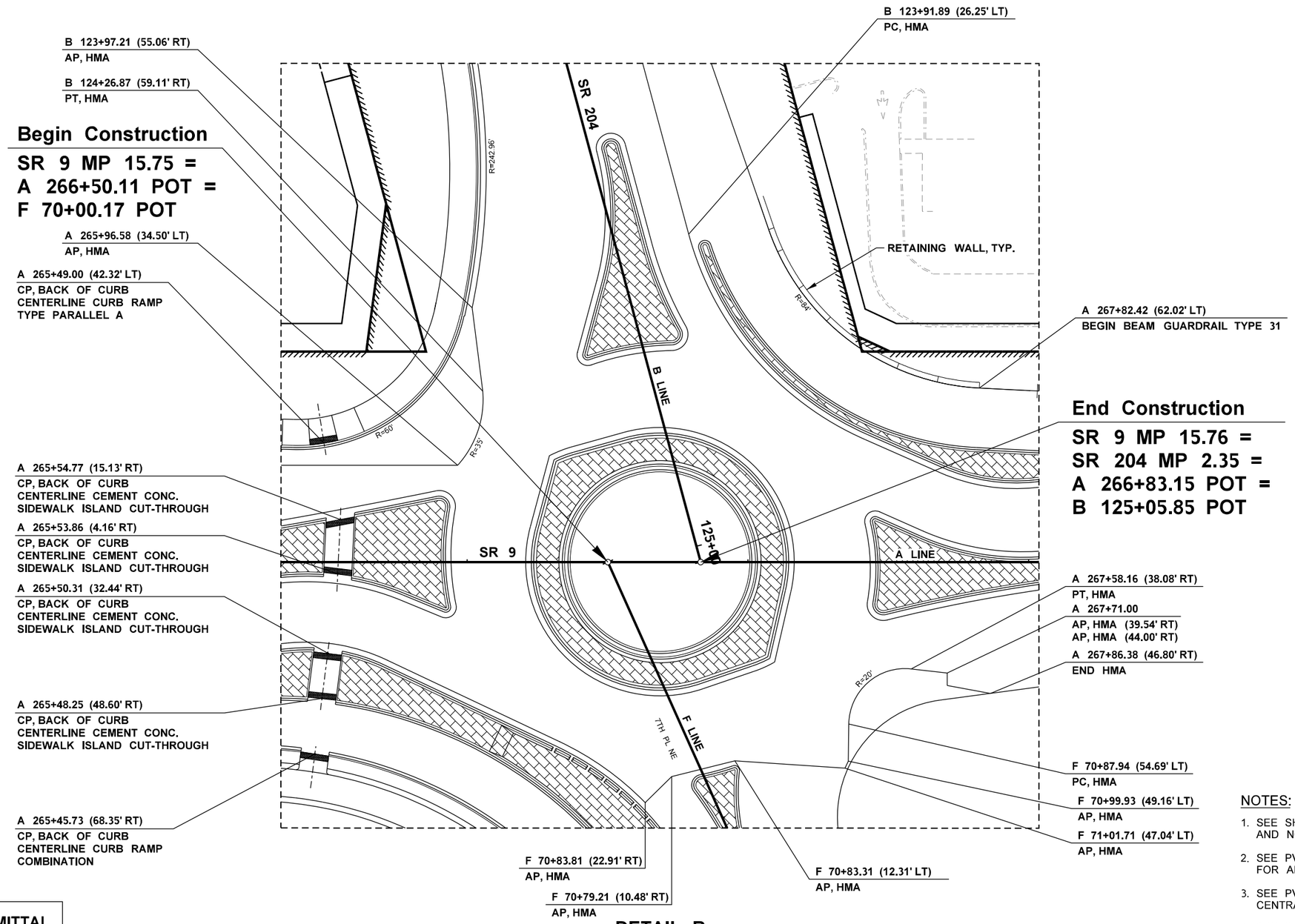
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING PLAN

PLAN REF NO
PV06
SHEET
OF
SHEETS

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



DETAIL B

SR 9, SR 204 AND 7TH PL NE INTERSECTION

NOTES:

1. SEE SHEET PV01 FOR PAVEMENT LEGEND AND NOTES.
2. SEE PVC01 THRU PVC12 AND PVD04 FOR FOR ADDITIONAL SPLITTER ISLAND DETAILS.
3. SEE PVD01 THRU PVD03 FOR ADDITIONAL CENTRAL ISLAND DETAILS.
4. SEE PVD06 THRU PVD29 FOR ADDITIONAL SIDEWALK AND CURB RAMP DETAILS AND QUANTITIES.

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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

ZACHARY R. BROWN — STATE OF WASHINGTON — 17629 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING PLAN

PLAN REF NO
PV07
SHEET
OF
SHEETS

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

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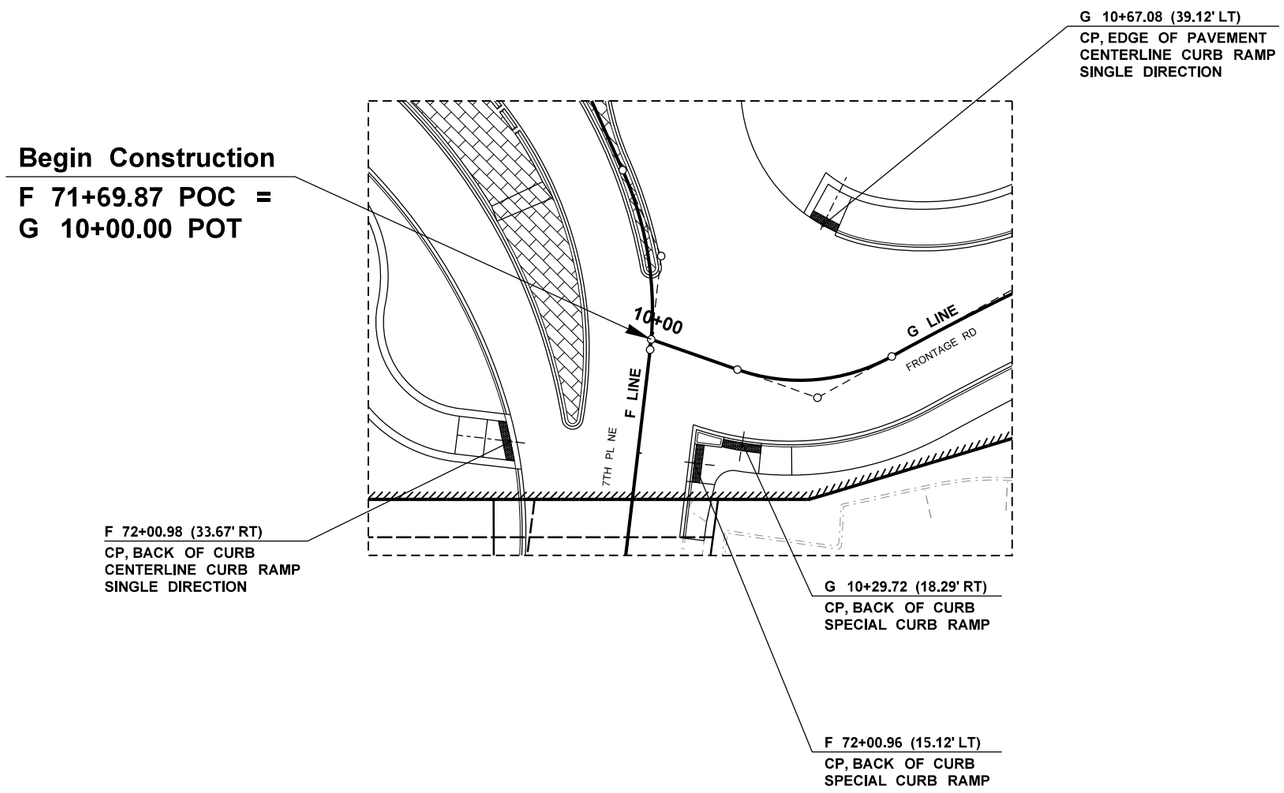
SCALE IN FEET



DETAIL C

7TH PL NE AND FRONTAGE RD INTERSECTION

NOTES:

1. SEE SHEET PV01 FOR PAVEMENT LEGEND AND NOTES.
2. SEE PVC01 THRU PVC12 AND PVD04 FOR FOR ADDITIONAL SPLITTER ISLAND DETAILS.
3. SEE PVD01 THRU PVD03 FOR ADDITIONAL CENTRAL ISLAND DETAILS.
4. SEE PVD06 THRU PVD29 FOR ADDITIONAL SIDEWALK AND CURB RAMP DETAILS AND QUANTITIES.

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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ENTERED BY	K. MCWILLIAMS					CONTRACT NO.		LOCATION NO.
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21703 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

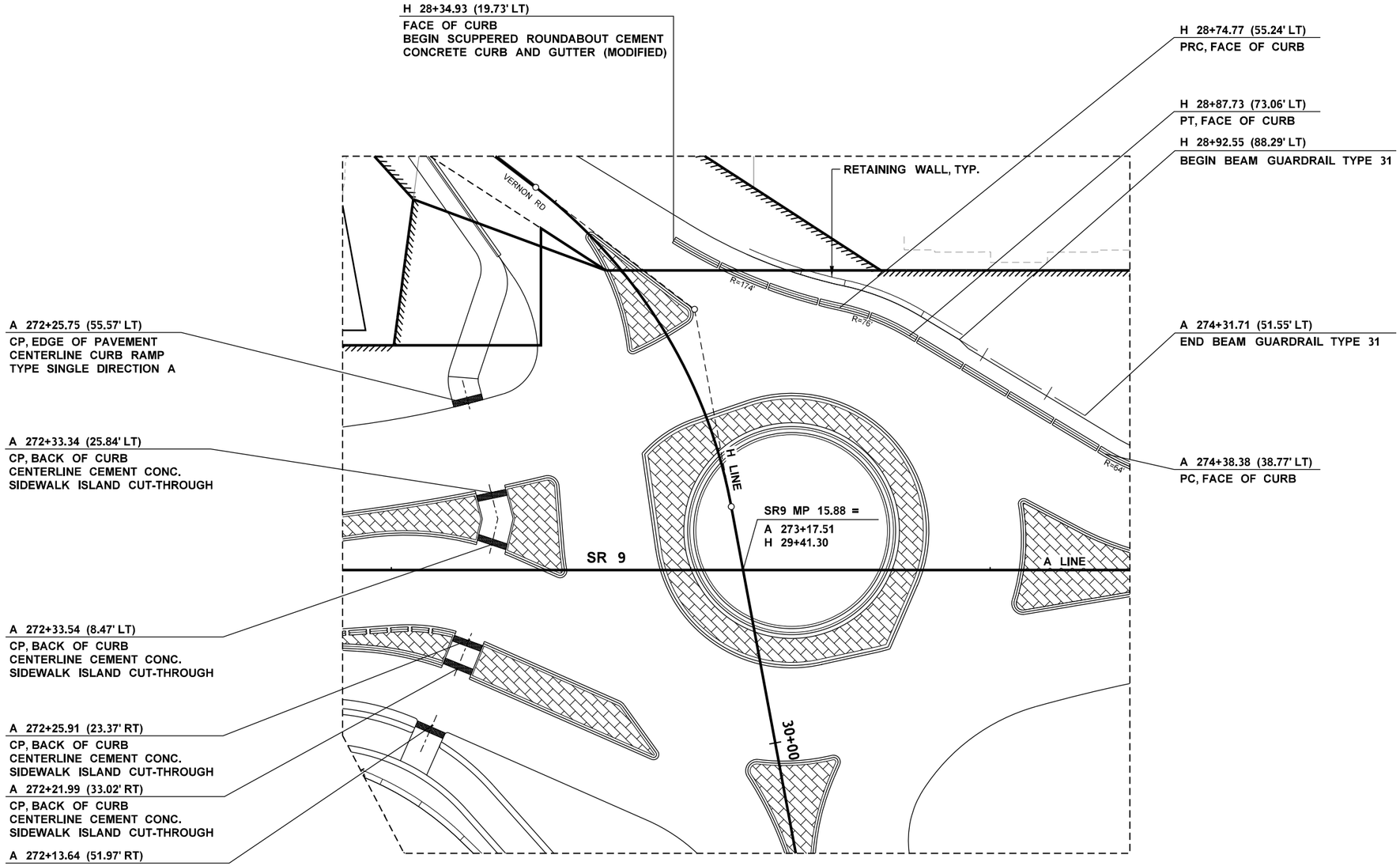
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING PLAN

PLAN REF NO
PV08
SHEET
OF
SHEETS

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



H 28+34.93 (19.73' LT)
FACE OF CURB
BEGIN SCUPPERED ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (MODIFIED)

H 28+74.77 (55.24' LT)
PRC, FACE OF CURB

H 28+87.73 (73.06' LT)
PT, FACE OF CURB

H 28+92.55 (88.29' LT)
BEGIN BEAM GUARDRAIL TYPE 31

A 272+25.75 (55.57' LT)
CP, EDGE OF PAVEMENT
CENTERLINE CURB RAMP
TYPE SINGLE DIRECTION A

A 274+31.71 (51.55' LT)
END BEAM GUARDRAIL TYPE 31

A 272+33.34 (25.84' LT)
CP, BACK OF CURB
CENTERLINE CEMENT CONC.
SIDEWALK ISLAND CUT-THROUGH

A 274+38.38 (38.77' LT)
PC, FACE OF CURB

A 272+33.54 (8.47' LT)
CP, BACK OF CURB
CENTERLINE CEMENT CONC.
SIDEWALK ISLAND CUT-THROUGH

A 272+25.91 (23.37' RT)
CP, BACK OF CURB
CENTERLINE CEMENT CONC.
SIDEWALK ISLAND CUT-THROUGH

A 272+21.99 (33.02' RT)
CP, BACK OF CURB
CENTERLINE CEMENT CONC.
SIDEWALK ISLAND CUT-THROUGH

A 272+13.64 (51.97' RT)
CP, EDGE OF PAVEMENT
CENTERLINE CURB RAMP
COMBINATION

NOTES:

1. SEE SHEET PV01 FOR PAVEMENT LEGEND AND NOTES.
2. SEE PVC01 THRU PVC12 AND PVD04 FOR FOR ADDITIONAL SPLITTER ISLAND DETAILS.
3. SEE PVD01 THRU PVD03 FOR ADDITIONAL CENTRAL ISLAND DETAILS.
4. SEE PVD06 THRU PVD29 FOR ADDITIONAL SIDEWALK AND CURB RAMP DETAILS AND QUANTITIES.

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

DETAIL D

SR 9, N DAVIES RD AND VERNON RD INTERSECTION

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage 3_Y-11834_PS_40_PV_09.dgn					REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
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DESIGNED BY	B. HOLMAN							
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	H. VENNA					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21624 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

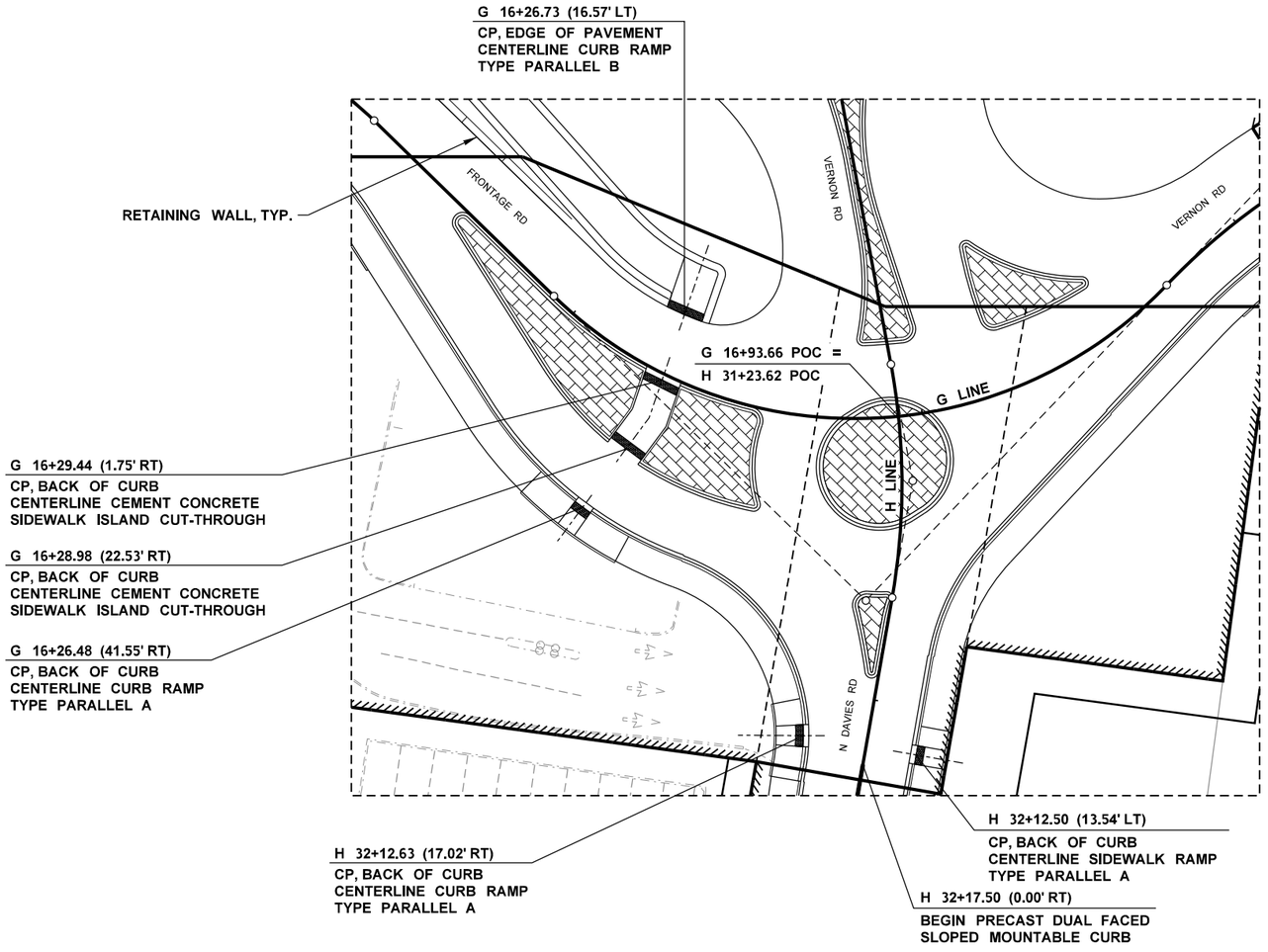
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING PLAN

PLAN REF NO
PV09
SHEET
OF
SHEETS

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



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SCALE IN FEET

NOTES:

1. SEE SHEET PV01 FOR PAVEMENT LEGEND AND NOTES.
2. SEE PVC01 THRU PVC12 AND PVD04 FOR FOR ADDITIONAL SPLITTER ISLAND DETAILS.
3. SEE PVD01 THRU PVD03 FOR ADDITIONAL CENTRAL ISLAND DETAILS.
4. SEE PVD06 THRU PVD29 FOR ADDITIONAL SIDEWALK AND CURB RAMP DETAILS AND QUANTITIES.

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

DETAIL E

VERNON RD, FRONTAGE RD AND N DAVIES RD INTERSECTION

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage 3_Y-11834_PS_40_PV_10.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
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DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21622 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

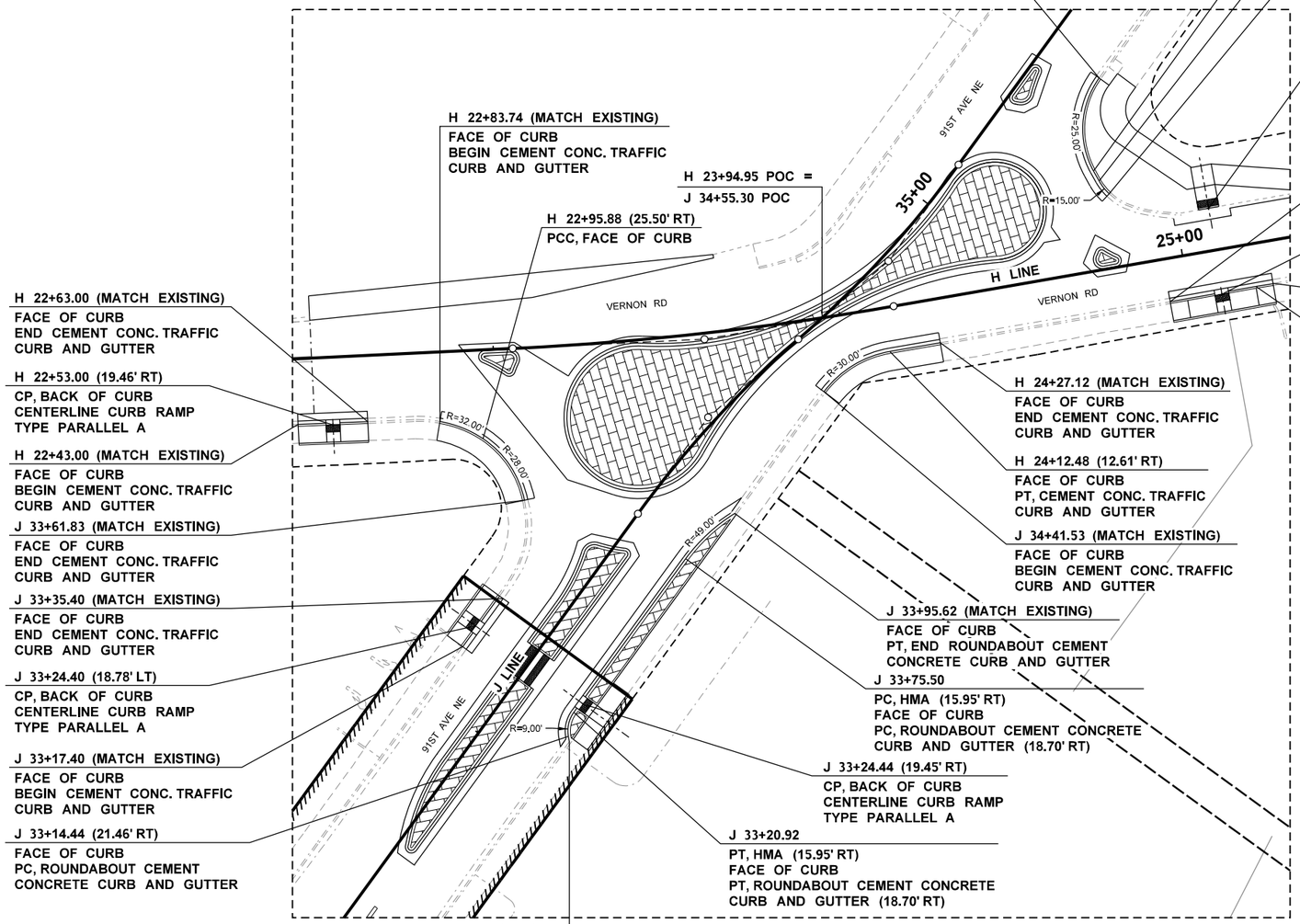
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING PLAN

PLAN REF NO
PV10
SHEET
OF
SHEETS

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



J 35+58.20 (MATCH EXISTING)
PT, FACE OF CURB
END CEMENT CONC. TRAFFIC CURB AND GUTTER

H 24+79.00 (28.37' LT)
PC, FACE OF CURB

H 24+80.06 (25.29' LT)
PT, FACE OF CURB

H 24+82.29 (MATCH EXISTING)
FACE OF CURB
BEGIN RADIUS
BEGIN CEMENT CONC. TRAFFIC CURB AND GUTTER
BEGIN HMA

H 25+09.70 (12.20' LT)
CP, EDGE OF PAVEMENT
CENTERLINE CURB RAMP
TYPE PERPENDICULAR B

H 22+83.74 (MATCH EXISTING)
FACE OF CURB
BEGIN CEMENT CONC. TRAFFIC CURB AND GUTTER

H 23+94.95 POC =
J 34+55.30 POC

H 22+95.88 (25.50' RT)
PCC, FACE OF CURB

H 24+94.23 (MATCH EXISTING)
FACE OF CURB
BEGIN CEMENT CONC. TRAFFIC CURB AND GUTTER

H 25+09.23 (12.80' RT)
CP, BACK OF CURB
CENTERLINE CURB RAMP
TYPE PARALLEL A

H 22+63.00 (MATCH EXISTING)
FACE OF CURB
END CEMENT CONC. TRAFFIC CURB AND GUTTER

H 25+24.23 (MATCH EXISTING)
FACE OF CURB
END CEMENT CONC. TRAFFIC CURB AND GUTTER

H 22+53.00 (19.46' RT)
CP, BACK OF CURB
CENTERLINE CURB RAMP
TYPE PARALLEL A

H 25+19.23 (12.25' RT)
AP, FACE OF CURB

H 22+43.00 (MATCH EXISTING)
FACE OF CURB
BEGIN CEMENT CONC. TRAFFIC CURB AND GUTTER

H 24+27.12 (MATCH EXISTING)
FACE OF CURB
END CEMENT CONC. TRAFFIC CURB AND GUTTER

H 24+12.48 (12.61' RT)
FACE OF CURB
PT, CEMENT CONC. TRAFFIC CURB AND GUTTER

J 33+61.83 (MATCH EXISTING)
FACE OF CURB
END CEMENT CONC. TRAFFIC CURB AND GUTTER

J 34+41.53 (MATCH EXISTING)
FACE OF CURB
BEGIN CEMENT CONC. TRAFFIC CURB AND GUTTER

J 33+35.40 (MATCH EXISTING)
FACE OF CURB
END CEMENT CONC. TRAFFIC CURB AND GUTTER

J 33+95.62 (MATCH EXISTING)
FACE OF CURB
PT, END ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER

J 33+24.40 (18.78' LT)
CP, BACK OF CURB
CENTERLINE CURB RAMP
TYPE PARALLEL A

J 33+75.50
PC, HMA (15.95' RT)
FACE OF CURB
PC, ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (18.70' RT)

J 33+17.40 (MATCH EXISTING)
FACE OF CURB
BEGIN CEMENT CONC. TRAFFIC CURB AND GUTTER

J 33+24.44 (19.45' RT)
CP, BACK OF CURB
CENTERLINE CURB RAMP
TYPE PARALLEL A

J 33+14.44 (21.46' RT)
FACE OF CURB
PC, ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER

J 33+20.92
PT, HMA (15.95' RT)
FACE OF CURB
PT, ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER (18.70' RT)

J 33+13.35 (MATCH EXISTING)
FACE OF CURB
BEGIN ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER

0 20 40
SCALE IN FEET

NOTES:

1. SEE SHEET PV01 FOR PAVEMENT LEGEND AND NOTES.
2. SEE PVC01 THRU PVC12 AND PVD04 FOR FOR ADDITIONAL SPLITTER ISLAND DETAILS.
3. SEE PVD01 THRU PVD03 FOR ADDITIONAL CENTRAL ISLAND DETAILS.
4. SEE PVD06 THRU PVD29 FOR ADDITIONAL SIDEWALK AND CURB RAMP DETAILS AND QUANTITIES.

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

DETAIL F

91ST AVE NE AND VERNON RD INTERSECTION (CURB)

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage 3_Y-11834_PS_40_PV_11.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	4:57:14 PM					10	WASH	
DATE	5/5/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21762 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

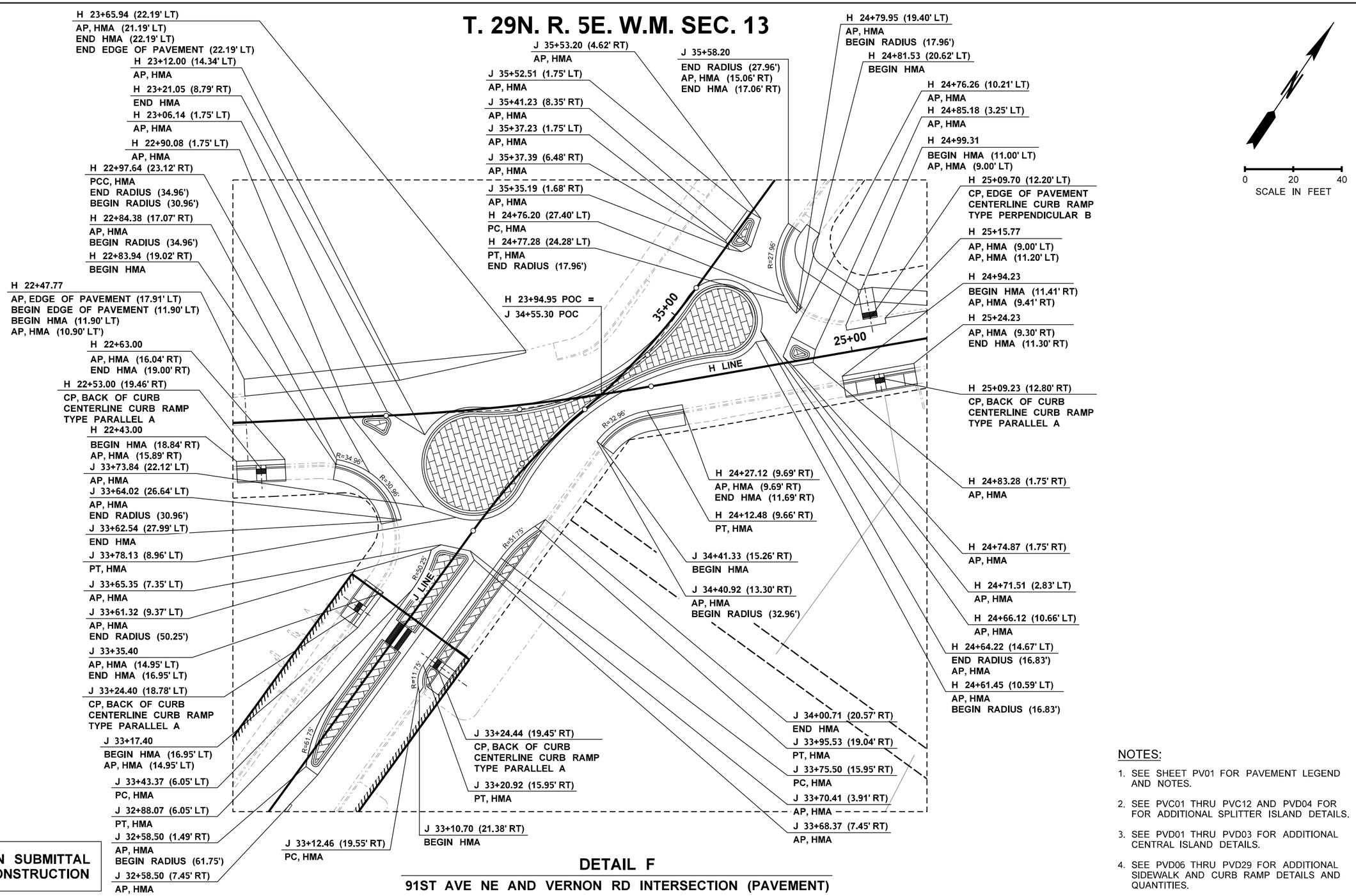
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING PLAN

PLAN REF NO
PV11

SHEET
OF
SHEETS

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



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

DETAIL F

91ST AVE NE AND VERNON RD INTERSECTION (PAVEMENT)

NOTES:

1. SEE SHEET PV01 FOR PAVEMENT LEGEND AND NOTES.
2. SEE PVC01 THRU PVC12 AND PVD04 FOR FOR ADDITIONAL SPLITTER ISLAND DETAILS.
3. SEE PVD01 THRU PVD03 FOR ADDITIONAL CENTRAL ISLAND DETAILS.
4. SEE PVD06 THRU PVD29 FOR ADDITIONAL SIDEWALK AND CURB RAMP DETAILS AND QUANTITIES.

FILE NAME	c:\pw_working\wastate\p0024020\dms08802\Stage 3_Y-11834_PS_40_PV_12.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	4:57:28 PM					10	WASH	
DATE	5/5/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21762 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 3)

PAVING PLAN

PLAN REF NO
PV12

SHEET
OF
SHEETS

PAVING CONTROL DATA TABLE

POINT NUMBER	POINT DESCRIPTION	STATION	OFFSET	ELEV
SR 9 SB EDGE / SR204 EB EDGE - PVC05 & PVC08				
1	EOP	A 262+50.00	44.00' LT	346.81
2	EOP, PC	A 262+94.72	44.00' LT	346.42
3	EOP, 1/2	A 263+11.71	45.58' LT	346.24
4	EOP, PRC	A 263+28.12	50.28' LT	345.99
5	EOP, 1/2	A 263+39.77	53.47' LT	345.81
6	EOP,PT	A 263+51.83	46.19' LT	345.68
7	FOC, BEG CG	A 263+51.46	46.19' LT	345.85
8	FOC	A 264+00.00	44.79' LT	346.00
9	FOC	A 264+50.00	43.36' LT	346.16
10	FOC	A 265+00.00	41.92' LT	346.30
11	FOC, END CG/ BEG RCG	A 265+34.02	40.95' LT	346.40
12	FOC, PC	A 265+37.83	40.84' LT	346.41
13	FOC, DC	A 265+44.09	40.98' LT	346.45
14	FOC, DC	A 265+54.09	42.60' LT	346.52
15	FOC, 1/4	A 265+58.25	43.80' LT	346.57
16	FOC, 1/2	A 265+76.45	53.50' LT	346.70
17	FOC, 3/4	A 265+90.29	68.79' LT	346.57
18	FOC, PCC, END RCG/BEG CG	B 123+98.91	59.26' RT	346.24
19	FOC, 1/4	B 123+71.91	47.24' RT	345.76
20	FOC, 1/2	B 123+43.64	38.63' RT	345.13
21	FOC, 3/4	B 123+14.53	33.56' RT	344.71
22	FOC, PCC	B 122+84.61	32.00' RT	344.53
23	FOC, POC	B 122+50.00	32.00' RT	344.36
SPLITTER ISLAND A & B - PVC05				
24	FOC, 1/2	A 262+80.26	9.13' LT	347.58
25	FOC, PT	A 262+82.25	11.00' LT	347.25
26	FOC, PC	A 262+93.79	11.00' LT	347.18
27	FOC, 1/2	A 263+10.83	10.81' LT	347.03
28	FOC, PT	A 263+27.85	10.22' LT	346.91
29	FOC	A 263+50.00	9.22' LT	345.85
30	FOC	A 264+00.00	6.94' LT	346.89
31	FOC, PC	A 264+27.78	5.68' LT	346.98
32	FOC, 1/4	A 264+55.41	5.18' LT	347.05
33	FOC, 1/2	A 264+83.03	6.21' LT	347.07
34	FOC, 3/4	A 265+10.55	8.76' LT	347.04
35	FOC, PT	A 265+37.89	12.83' LT	346.99
36	FOC, AP, END RCG/BEG CPC	A 265+49.76	14.97' LT	347.00
37	FOC, AP, END CPC/BEG RCG	A265+59.86	16.85' LT	347.02
38	FOC, PC	A 265+89.46	22.69' LT	347.18
39	VAP	A 266+07.82	44.02' LT	347.10
40	FOC, PRC	A 265+93.01	19.20' LT	347.23
41	FOC, 1/2	A 265+91.45	1.63' LT	347.33
42	FOC, PRC	A 265+93.35	15.91' RT	347.31
43	VAP	A 266+03.29	36.63' RT	347.20
44	FOC, PT	A 265+91.99	17.04' RT	347.32
45	FOC, PC	A 265+77.41	11.06' RT	347.27
46	FOC, 1/4	A 265+66.92	7.49' RT	347.24

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PAVING CONTROL DATA TABLE

POINT NUMBER	POINT DESCRIPTION	STATION	OFFSET	ELEV
47	FOC, POC, END RCG/BEG CPC	A 265+58.80	5.66' RT	347.24
48	FOC, PC, END CPC/BEG RCG	A 265+48.84	4.45' RT	347.23
49	FOC, 3/4	A 265+45.02	4.28' RT	347.23
50	FOC, PT	A 265+33.94	4.70' RT	347.24
51	FOC	A 265+00.00	8.05' RT	347.23
52	FOC, PC	A 264+66.80	11.33' RT	347.15
53	FOC, 1/4	A 264+55.68	12.11' RT	347.10
54	FOC, 1/2	A 264+44.53	12.27' RT	347.07
55	FOC, 3/4	A 264+33.38	11.81' RT	347.04
56	FOC, PT	A 264+22.29	10.72' RT	347.02
57	FOC	A 264+00.00	7.90' RT	347.00
58	FOC	A 263+50.00	1.58' RT	347.08
59	FOC	A 263+00.00	4.74' LT	347.24
60	FOC, PC	A 262+82.00	7.02' LT	347.30
SPLITTER ISLAND C & D - PVC05 & PVC06				
61	FOC, 1/2	A 264+43.44	41.89 RT	346.37
62	FOC, PRC	A 264+46.43	39.29' RT	346.46
63	FOC, 1/2	A 264+57.96	39.04' RT	346.57
64	FOC, PT	A 264+69.46	38.20' RT	346.61
65	FOC	A 265+00.00	35.18' RT	346.63
66	FOC, PC	A 265+36.59	31.56' RT	346.65
67	FOC, POC, END RCG/BEG CPC	A 265+45.42	31.30' RT	346.67
68	FOC, POC, END CPC/BEG RCG	A 265+55.35	32.48' RT	346.69
69	FOC, 3/4	A 265+62.19	34.24' RT	346.71
70	FOC, PT	A 265+70.23	37.39' RT	346.87
71	FOC	A 266+00.00	51.46' RT	346.83
72	FOC, END RCG/ BEG RCGM	F 70+37.24	57.69' RT	346.82
73	FOC, PC	F 70+53.19	44.04' RT	346.80
74	FOC, 1/4	F 70+82.19	26.48' RT	346.68
75	FOC, 1/2	F 71+15.29	19.18' RT	347.37
76	FOC, END RCGM/ BEG RCG	F 71+23.19	19.06' RT	347.62
77	FOC, 3/4	F 71+56.07	18.43' RT	348.39
78	FOC, PCC	F 71+93.25	16.20' RT	348.86
79	FOC, 1/2	F 71+95.11	17.98' RT	348.84
80	FOC, PRC	F 71+93.68	20.12' RT	348.78
81	FOC, END RCG/ BEG RCGM	F 71+22.89	36.49' RT	347.27
82	FOC, 1/4	F 71+21.05	36.68' RT	347.20
83	FOC, 1/2	F 70+66.38	53.31' RT	347.47
84	FOC, END RCGM/ BEG RCG	F 70+44.94	66.76' RT	346.58
85	FOC, 3/4	A 265+78.00	55.52' RT	346.51
86	FOC, POC, END RCG/BEG CPC	A 265+53.12	49.95' RT	346.34
87	FOC, POC, END CPC/BEG RCG	A 265+43.17	48.89' RT	346.33
88	FOC, PT	A 265+21.25	48.81' RT	346.37
89	FOC, PC	A 264+97.83	50.37' RT	346.36
90	FOC, 1/4	A 264+84.67	50.71' RT	346.34
91	FOC, 1/2	A 264+71.52	49.95' RT	346.34
92	FOC, 3/4	A 264+58.48	48.10' RT	346.35
93	FOC, PCC	A 264+45.63	45.18' RT	346.41

PAVING CONTROL DATA TABLE

POINT NUMBER	POINT DESCRIPTION	STATION	OFFSET	ELEV
SR 9 NB EDGE / 7TH PL NE EB EDGE - PVC05 & PVC06				
94	EOP	A 262+50.00	44.00' RT	346.81
95	FOC, BEG CG	A 262+68.80	44.00' RT	346.71
96	FOC	A 263+00.00	44.00' RT	346.55
97	FOC, PC	A 263+50.81	44.00' RT	346.30
98	FOC, 1/2	A 263+58.35	44.27' RT	346.27
99	FOC, PCC	A 263+65.85	45.06' RT	346.23
100	FOC, 1/4	A 263+84.18	48.01' RT	346.13
101	FOC, 1/2	A 264+02.40	51.62' RT	346.02
102	FOC, 3/4	A 264+20.47	55.89' RT	345.94
103	FOC, PRC	A 264+38.38	60.81' RT	345.86
104	FOC, 1/4	A 264+55.11	64.86' RT	345.81
105	FOC, 1/2	A 264+72.16	67.25' RT	345.87
106	FOC, 3/4	A 264+89.36	67.95' RT	345.94
107	FOC, PRC	A 265+06.54	66.96' RT	346.02
108	FOC, POC, DC	A 265+40.85	67.14' RT	346.13
109	FOC, POC, DC	A 265+50.74	68.64' RT	346.16
110	FOC, 1/4	A 265+58.31	70.24' RT	346.21
111	FOC, 1/2	F 70+64.85	77.32' RT	346.14
112	FOC, 3/4	F 71+12.52	56.89' RT	346.31
113	FOC, PCC	F 71+88.39	38.08' RT	348.33
114	FOC, POC, DC	F 71+95.98	34.88' RT	348.46
115	FOC, POC, DC	F 72+05.98	31.56' RT	348.61
116	FOC, 1/2	F 72+12.97	29.80' RT	348.78
117	FOC, 3/4	F 72+25.78	27.70' RT	349.08
118	FOC, PT	F 72+38.74	27.00' RT	349.42
119	FOC, POT	F 72+53.85	27.00' RT	ME
SPLITTER ISLAND E - PVC06				
120	VAP	F 70+71.82	21.77' RT	346.96
121	FOC, 1/2	F 70+84.27	3.95' RT	347.03
122	FOC, PRC	F 70+83.47	1.18' RT	347.01
123	FOC, 1/2	F 70+84.66	4.82' LT	347.05
124	FOC, PRC	F 70+85.37	10.89' LT	347.08
125	VAP	F 70+79.67	37.80' LT	347.10
126	FOC, PRC	F 70+86.88	11.68' LT	347.10
127	FOC, 1/2	F 71+03.70	4.54' LT	347.33
128	FOC, PRC	F 71+21.80	2.00' LT	347.88
129	FOC, 1/2	F 71+36.35	1.85' LT	348.26
130	FOC, PCC	F 71+50.83	2.30' LT	348.64
131	FOC, 1/2	F 71+52.92	0.43' LT	348.62
132	FOC, PRC	F 71+51.04	1.69' RT	348.60
133	FOC, 1/4	F 71+34.78	2.03' RT	348.22
134	FOC, 1/2	F 71+18.64	1.51' RT	347.83
135	FOC, 3/4	F 71+02.75	2.22' RT	347.35
136	FOC, PRC	F 70+87.05	4.76' RT	347.06
7TH PL NE WB EDGE / FRONTAGE RD NB EDGE - PVC06 & PVC07				
137	FOC	F 72+53.85	14.36' LT	ME
138	FOC, BEG CG	F 72+20.95	14.51' LT	ME
139	FOC, DC	F 72+05.96	14.56' LT	348.97
140	FOC, DC, AP, BEG CG/END CPC	F 71+95.96	14.59' LT	348.89
141	FOC, AP	G 10+19.12	18.50' RT	348.78
142	FOC, DC, AP, END CG/BEG CPC	G 10+26.02	18.09' RT	348.69
143	FOC, DC	G 10+33.38	17.46' RT	348.60

PAVING CONTROL DATA TABLE

POINT NUMBER	POINT DESCRIPTION	STATION	OFFSET	ELEV
144	FOC, 1/2	G 10+44.03	16.88' RT	348.52
145	FOC, 3/4	G 10+55.98	16.71' RT	348.50
146	FOC, PRC	G 10+68.53	17.00' RT	348.52
147	FOC, POC	G 11+00.00	17.00' RT	348.58
148	FOC, POC	G 11+50.00	17.00' RT	348.66
SR204 WB EDGE / SR9 SB EDGE / VERNON RD EB EDGE - PVC07, PVC08, PVC09 & PVC10				
149	EOP, POC	B 122+50.00	48'00' LT	346.66
150	EOP, POC	B 123+00.00	48.00' LT	347.14
151	EOP, AP	B 123+09.11	47.98' LT	347.10
152	EOP, POT	B 123+50.00	50.85' LT	346.91
153	EOP, BEG CG	B 123+87.80	53.48' LT	346.56
154	END CG, BEG FOB, PC	B 123+97.77	54.21' LT	346.47
155	FOB, 1/4	B 124+21.99	59.58' LT	346.50
156	FOB, 1/2	B 124+43.59	71.79' LT	346.53
157	FOB, 3/4	A 267+58.11	66.96' LT	346.63
158	END FOB, EOP	A 267+82.42	62.02' LT	346.87
159	EOP, POT	A 268+00.00	61.11' LT	347.05
160	EOP, POT	A 268+50.00	58.50' LT	347.17
161	EOP, PC	A 268+55.60	58.21' LT	347.17
162	EOP, 1/2	A 268+84.00	55.58' LT	347.15
163	EOP, PRC	A 269+12.09	50.69' LT	347.13
164	EOP, 1/2	A 269+51.59	43.84' LT	347.12
165	EOP, PT	A 269+91.51	40.19' LT	347.31
166	EOP, POT	A 270+00.00	39.76' LT	347.38
167	EOP, POT	A 270+50.00	37.22' LT	347.67
168	EOP, PC	A 270+61.95	36.62' LT	347.74
169	EOP, 1/2	A 270+90.85	36.49' LT	347.85
170	EOP, PT	A 271+19.63	39.04' LT	347.87
171	EOP, POT	A 271+50.00	43.16' LT	347.80
172	EOP, PC	A 271+89.36	48.49' LT	347.62
173	EOP, 1/2	A 272+13.56	52.71' LT	347.57
174	EOP, PCC	H 28+42.00	56.51' RT	347.67
175	EOP, 1/2	H 28+42.04	45.86' RT	347.73

ABBREVIATIONS

AP = ANGLE POINT
BEG = BEGIN
CG = CEMENT CONC. TRAFFIC CURB AND GUTTER
CPC = CEMENT CONC. PEDESTRIAN CURB
DC = DEPRESSED CURB
EOP = EDGE OF PAVEMENT
EXC = EXTRUDED CURB
FOB = FACE OF BARRIER
FOC = FACE OF CURB
ME = MATCH EXISTING
PC = POINT OF CURVATURE
PCC = POINT OF COMPOUND CURVATURE
POC = POINT ON CURVE
POT = POINT ON TANGENT
PRC = POINT OF REVERSE CURVATURE
PT = POINT OF TANGENCY
RCG = ROUNDABOUT CEMENT CONC. CURB AND GUTTER
RCGM = ROUNDABOUT CEMENT CONC. GURB AND GUTTER MODIFIED
RCIC = ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB
RTCG = ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER
TC = CEMENT CONC. TRAFFIC CURB
VAP = VERTICAL ANGLE POINT

FRACTIONS DENOTE DELTAS ALONG CURVE RADII

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage_3_Y-11834_PS_PVC_01.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	11:45:58 AM					10	WASH	
DATE	5/4/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	Z. BROWN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING CONTROL PLAN

PLAN REF NO
PVC01
SHEET
OF
SHEETS

PAVING CONTROL DATA TABLE				
POINT NUMBER	POINT DESCRIPTION	STATION	OFFSET	ELEV
176	EOP, PCC	H 28+33.56	37.40' RT	347.25
177	EOP, 1/2	H 28+20.34	31.51' RT	346.68
178	EOP, PT	H 28+06.44	27.76' RT	346.07
179	FOC, EOP	H 27+96.86	25.73' RT	345.82
180	FOC, POT	H 27+75.00	19.24' RT	345.17
181	FOC, AP	H 27+51.65	12.00' RT	344.52
SPLITTER ISLAND I - PVC07 & PVC08				
182	FOC, 1/2	B 123+96.22	30.58' LT	346.86
183	FOC, PRC	B 123+97.64	32.16' LT	346.84
184	FOC, 1/4	B 124+28.70	38.60' LT	346.90
185	FOC, 1/2	B 124+56.46	53.94' LT	346.96
186	FOC, 3/4	A 267+50.20	46.42' LT	347.06
187	FOC, PT	A 267+81.28	40.05' LT	347.25
188	FOC, PC	A 268+25.58	37.74' LT	347.47
189	FOC, 1/2	A 268+28.42	24.83' LT	347.51
190	FOC, PT	A 268+25.73	31.76' LT	347.55
191	FOC, PC	A 268+02.14	29.28' LT	347.50
192	FOC, 1/2	A 267+85.57	29.70' LT	347.40
193	FOC, PT	A 267+69.66	34.36' LT	347.27
194	FOC, PC	A 267+42.87	46.15' LT	347.09
195	FOC, 1/4	B 124+60.72	53.48' LT	347.02
196	FOC, 1/2	B 124+41.61	41.00' LT	346.98
197	FOC, 3/4	B 124+20.33	32.78' LT	346.95
198	FOC, PCC	B 123+97.80	29.16' LT	346.88
SPLITTER ISLAND F & G - PVC07 & PVC09				
199	VAP	A 267+35.18	24.78' LT	347.43
200	FOC, 1/2	A 267+44.69	15.24' LT	347.59
201	FOC, PT	A 267+45.73	15.39' LT	347.59
202	FOC, PC	A 267+61.06	8.64' LT	347.55
203	FOC, 1/2	A 267+85.03	1.82' LT	347.58
204	FOC, PT	A 268+09.95	1.75' LT	347.71
205	FOC, POT	A 268+50.00	7.17' LT	347.88
206	FOC, PC	A 268+77.78	10.94' LT	347.92
207	FOC, 1/4	A 268+93.85	12.74' LT	347.94
208	FOC, 1/2	A 269+09.98	13.79' LT	347.96
209	FOC, 3/4	A 269+26.14	14.09' LT	347.98
210	FOC, PT	A 269+42.30	13.65' LT	348.02
211	FOC, POT	A 269+50.00	13.26' LT	348.04
212	FOC, POT	A 270+00.00	10.72' LT	348.20
213	FOC, POT	A 270+50.00	8.19' LT	348.42
214	FOC, PC	A 270+60.49	7.66' LT	348.46
215	FOC, 1/2	A 270+92.07	7.52' LT	348.52
216	FOC, PT	A 271+23.53	10.30' LT	348.50
217	FOC, POT	A 271+50.00	13.89' LT	348.42
218	FOC, PC	A 271+93.30	19.76' LT	348.25
219	FOC, 1/4	A 272+07.97	21.93' LT	348.19
220	FOC, 1/2	A 272+22.58	24.48' LT	348.12
221	FOC, POC, END RCG/BEG CPC	A 272+28.25	27.57' LT	348.10
222	FOC, POC, END CPC/BEG RCG	A 272+38.05	27.60' LT	348.06

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PAVING CONTROL DATA TABLE				
POINT NUMBER	POINT DESCRIPTION	STATION	OFFSET	ELEV
223	FOC, PRC	A 272+51.58	30.68' LT	348.00
224	VAP	A 272+52.89	46.87' LT	347.83
225	FOC, 1/2	A 272+54.04	30.19' LT	347.96
226	FOC, PT	A 272+55.27	28.01' LT	347.92
227	FOC, PC	A 272+56.98	6.95' LT	348.18
228	FOC, PRC	A 272+57.87	0.07' RT	348.25
229	FOC, 1/2	A 272+57.37	1.46' RT	348.27
230	VAP	A 272+68.36	23.62' RT	348.54
231	FOC, PT	A 272+55.79	1.70' RT	348.30
232	FOC, PC	A 272+41.32	4.67' LT	348.22
233	FOC, POC, END RCG/BEG CPC	A 272+38.10	6.02' LT	348.22
234	FOC, POC, END CPC/BEG RCG	A 272+28.58	9.19' LT	348.19
235	FOC, 1/2	A 272+17.35	11.50' LT	348.19
236	FOC, PT	A 271+92.43	11.57' LT	348.25
237	FOC, POT	A 271+50.00	5.82' LT	348.39
238	FOC, PC	A 271+24.60	2.38' LT	348.48
239	FOC, 1/2	A 270+92.40	0.47' RT	348.58
240	FOC, PT	A 270+60.08	0.33' RT	348.61
241	FOC, POT	A 270+50.00	0.18' LT	348.60
242	FOC, POT	A 270+00.00	2.71' LT	348.42
243	FOC, POT	A 269+50.00	5.25' LT	348.23
244	FOC, PC	A 269+41.89	5.66' LT	348.21
245	FOC, 1/4	A 269+26.10	6.09' LT	348.18
246	FOC, 1/2	A 269+10.31	5.79' LT	348.15
247	FOC, 3/4	A 268+94.55	4.77' LT	348.14
248	FOC, PT	A 268+78.85	3.01' LT	348.12
249	FOC, POT	A 268+50.00	0.90' RT	348.02
250	FOC, PC	A 268+09.53	6.38' RT	347.75
251	FOC, 1/4	A 267+94.27	8.66' RT	347.63
252	FOC, 1/2	A 267+79.08	11.35' RT	347.55
253	FOC, 3/4	A 267+63.96	14.45' RT	347.52
254	FOC, PRC	A 267+48.94	17.96' RT	347.52
255	VAP	A 267+32.08	39.86' RT	347.26
256	FOC, 1/2	A 267+46.17	17.24' RT	347.53
257	FOC, PRC	A 267+45.26	14.52' RT	347.53
258	FOC, 1/2	A 267+46.30	0.10' RT	347.59
259	FOC, PRC	A 267+44.36	14.24' LT	347.58
SPLITTER ISLAND J & K - PVC09 & PVC10				
260	FOC, 1/2	A 271+51.58	23.55' RT	347.81
261	FOC, PT	A 271+52.51	22.54' RT	347.82
262	FOC, PC	A 272+01.52	19.18' RT	347.66
263	FOC, 1/2	A 272+15.96	19.94' RT	347.76
264	FOC, POC, END RCGM/ BEG CPC	A 272+21.41	21.15' RT	347.83
265	FOC, AP, END CPC/BEG RCG	A 272+30.81	24.58' RT	348.00
266	FOC, POT	A 272+50.00	33.02' RT	348.33
267	FOC, PC	A 272+75.97	44.46' RT	348.54
268	FOC, PT	H 29+78.59	47.96' RT	348.55
269	FOC, PC	H 29+95.95	39.78' RT	348.78
270	FOC, 1/2	H 29+97.14	40.04' RT	348.76
271	FOC, PT	H 29+97.20	41.25' RT	348.74
272	FOC, POT	A 272+50.00	46.13' RT	348.24

PAVING CONTROL DATA TABLE				
POINT NUMBER	POINT DESCRIPTION	STATION	OFFSET	ELEV
273	FOC, AP, END RCG/BEG CPC	A 272+26.30	35.70' RT	347.73
274	FOC,POC, END CPC/BEG RCGM	A 272+17.03	31.94' RT	347.60
275	FOC, 1/2	A 272+06.86	28.96' RT	347.53
276	FOC, PT	A 271+88.68	26.37' RT	347.54
277	FOC, PC	A 271+52.53	24.53' RT	347.78
FRONTAGE RD SB EDGE / SR9 NB EDGE / FRONTAGE RD SB EDGE PVC06, PVC07, PVC09 & PVC10				
278	VAP	G 11+01.76	0.00' RT	348.92
279	VAP	G 10+76.09	6.15' LT	348.80
280	VAP	G 10+47.81	4.22' LT	348.79
281	VAP	G 10+13.58	3.60' LT	348.77
282	VAP	H 71+49.46	16.19' LT	348.67
283	VAP	H 71+24.87	16.83' LT	347.77
284	FOC, POC	G 11+50.00	14.00' LT	348.87
285	FOC, PRC	G 11+17.23	14.00' LT	348.70
286	FOC, 1/4	G 11+05.92	14.99' LT	348.65
287	FOC, 1/2	G 10+94.98	17.93' LT	348.64
288	FOC, 3/4	G 10+84.73	22.72' LT	348.62
289	FOC, PCC	G 10+75.48	29.22' LT	348.55
290	FOC, POC, CG	G 10+69.27	35.83' LT	348.43
291	EOP, POC	F 71+45.51	43.80' LT	348.30
292	EOP, 1/4	F 71+38.53	36.83' LT	348.01
293	EOP, 1/2	F 71+15.47	37.96' LT	347.14
294	EOP, 3/4	A 267+42.66	62.74' RT	346.71
295	EOP, PT	A 267+68.33	49.20' RT	347.07
296	EOP, POT	A 268+00.00	44.98' RT	347.42
297	POT, EOP/BEG CG	A 268+14.10	43.10' RT	347.50
298	FOC, POT	A 268+50.00	38.24' RT	347.60
299	FOC, PC	A 268+83.82	33.66' RT	347.67
300	FOC, 1/4	A 268+97.81	32.09' RT	347.70
301	FOC, 1/2	A 269+11.87	31.17' RT	347.74
302	FOC, 3/4	A 269+25.94	30.91' RT	347.78
303	FOC, PT	A 269+40.02	31.29' RT	347.82
304	FOC, POT, END BUS PAD	A 269+60.12	32.31' RT	347.88
305	END CG, BEG EOP	A 269+75.10	33.07' RT	347.90
306	EOP, AP	A 269+75.22	30.77' RT	347.92
307	EOP, PC	A 269+77.08	30.26' RT	347.93
308	EOP, 1/2	A 269+91.92	27.37' RT	347.99
309	EOP, PCC	A 270+07.03	26.75' RT	348.02
310	EOP, 1/4	A 270+25.47	27.73' RT	348.07
311	EOP, 1/2	A 270+43.87	29.39' RT	348.08
312	EOP, 3/4	A 270+62.19	31.75' RT	348.05
313	EOP, PRC	A 270+80.41	34.78' RT	347.98
314	EOP, 1/2	A 271+03.65	38.30 RT	347.83
315	EOP, PT	A 271+27.08	40.27' RT	347.65
316	EOP, POT	A 271+50.00	41.43' RT	347.47
317	EOP, PC	A 271+79.96	42.95' RT	347.23
318	EOP, 1/2	A 271+94.82	45.09' RT	347.15
319	EOP, PT	A 272+09.03	49.95' RT	347.21
320	EOP, POT	A 272+18.20	53.99' RT	347.32
321	EOP, POT	A 272+50.00	67.88' RT	347.97
322	EOP, PC	H 30+17.96	46.31' RT	348.28

PAVING CONTROL DATA TABLE				
POINT NUMBER	POINT DESCRIPTION	STATION	OFFSET	ELEV
323	EOP, 1/4	H 30+29.35	34.06' RT	348.35
324	EOP, 1/2	H 30+43.86	25.71' RT	348.60
325	EOP, 3/4	H 30+60.18	22.03' RT	349.03
326	EOP, PT	H 30+76.87	23.34' RT	349.63
327	EOP, PC	H 30+78.92	23.81' RT	349.72
328	EOP, 1/2	G 16+48.28	23.87' LT	350.20
329	EOP, PCC	G 16+32.98	17.04' LT	350.46
330	EOP, 1/2	G 16+14.75	15.98' LT	350.60
331	EOP, PT	G 15+96.59	15.95' LT	350.79
332	FOB, POT	G 15+50.00	16.00' LT	351.46
SPLITTER ISLAND H - PVC08				
333	FOC, 1/2	B 123+52.57	7.50' LT	346.89
334	FOC, PT	B 123+55.07	10.00' LT	346.92
335	FOC, PC	B 123+91.89	10.00' LT	347.00
336	FOC, 1/2	B 124+08.11	11.03' LT	347.05
337	FOC, PRC	B 124+24.06	14.11' LT	347.12
338	FOC, 1/2	B 124+26.93	13.34' LT	347.12
339	VAP	B 124+41.42	30.35' LT	347.08
340	FOC, PRC	B 124+27.73	10.48' LT	347.12
341	FOC, 1/2	B 124+25.23	4.48' RT	347.13
342	FOC, PRC	B 124+25.14	19.64' RT	347.06
343	FOC, 1/2	B 124+24.67	20.56' RT	347.06
344	VAP	B 124+32.90	43.29' RT	347.09
345	FOC, PT	B 124+23.64	20.58' RT	347.06
346	FOC, PC	B 124+00.72	7.28' RT	347.00
347	FOC, 1/2	B 123+78.70	1.88' LT	346.97
348	FOC, PRC	B 123+55.07	5.00' LT	346.86
SPLITTER ISLAND L & M - PVC10				
349	FOC, 1/2	G 15+59.91	2.77' RT	351.33
350	FOC, PT	G 15+61.90	1.00' RT	351.32
351	FOC, PC	G 15.93.04	1.00' RT	351.24
352	FOC, 1/4	G 16+08.37	1.00' RT	351.24
353	FOC, POC, END RCG/BEG CPC	G 16+24.34	1.00' RT	351.27

ABBREVIATIONS

AP = ANGLE POINT
BEG = BEGIN
CG = CEMENT CONC. TRAFFIC CURB AND GUTTER
CPC = CEMENT CONC. PEDESTRIAN CURB
DC = DEPRESSED CURB
EOP = EDGE OF PAVEMENT
EXC = EXTRUDED CURB
FOB = FACE OF BARRIER
FOC = FACE OF CURB
ME = MATCH EXISTING
PC = POINT OF CURVATURE
PCC = POINT OF COMPOUND CURVATURE
POC = POINT ON CURVE
POT = POINT ON TANGENT
PRC = POINT OF REVERSE CURVATURE
PT = POINT OF TANGENCY
RCG = ROUNDABOUT CEMENT CONC. CURB AND GUTTER
RCGM = ROUNDABOUT CEMENT CONC. GURB AND GUTTER MODIFIED
RCIC = ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB
RTCG = ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER
TC = CEMENT CONC. TRAFFIC CURB
VAP = VERTICAL ANGLE POINT

FRACTIONS DENOTE DELTAS ALONG CURVE RADII

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage_3_Y-11834_PS_PVC_02.dgn					REGION NO. / STATE	FED.AID PROJ.NO.
TIME	11:46:57 AM					10 WASH	
DATE	5/4/2021					JOB NUMBER	
PLOTTED BY	p0024020						
DESIGNED BY	Z. BROWN						
ENTERED BY	K. MCWILLIAMS					CONTRACT NO.	LOCATION NO.
CHECKED BY	H. VENNA						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY		

ZACHARY R. BROWN — STATE OF WASHINGTON — 21762 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING CONTROL PLAN

PLAN REF NO
PVC02
SHEET
OF
SHEETS

PAVING CONTROL DATA TABLE

POINT NUMBER	POINT DESCRIPTION	STATION	OFFSET	ELEV
354	FOC, POC, END CPC, BEG RCG	G 16+34.33	1.00' RT	351.31
355	FOC, 3/4	G 16+39.03	1.00' RT	351.33
356	FOC, PRC	G 16+54.35	1.00' RT	351.42
357	FOC, 1/2	G 16+56.54	2.01' RT	351.50
358	VAP	G 16+61.11	16.87' LT	350.71
359	FOC, PRC	G 16+57.23	4.34' RT	351.59
360	FOC, 1/2	G 16+57.52	15.03' RT	352.06
361	FOC, PRC	G 16+60.48	25.14' RT	352.52
362	FOC, 1/2	G 16+60.45	26.12' RT	352.55
363	VAP	H 31+62.83	31.25 RT	352.90
364	FOC, PCC	G 16+59.76	26.60' RT	352.57
365	FOC, 1/4	G 16+45.72	25.91' RT	352.34
366	FOC, POC, END RCG/BEG CPC	G 16+32.96	24.09' RT	352.12
367	FOC, POC, END CPC/BEG RCG	G 16+24.77	22.33' RT	351.99
368	FOC, 3/4	G 16+17.47	20.38' RT	351.87
369	FOC, PT	G 16+03.13	15.61' RT	351.66
370	FOC, PC	G 15+61.44	4.95' RT	351.33
FRONTAGE RD NB EDGE/ N DAVIES RD EB EDGE - PVC10				
371	FOC, POT	G 15+50.00	20.78' RT	351.33
372	FOC, PC	G 15+98.79	32.82' RT	352.26
373	FOC, 1/4	G 16+11.34	37.07' RT	352.74
374	FOC, 1/2	G 16+23.74	40.39' RT	352.88
375	FOC, DC	G 16+24.72	40.61' RT	352.90
376	FOC, DC	G 16+28.36	41.39' RT	352.93
377	FOC, 3/4	G 16+36.04	42.77' RT	353.02
378	FOC, PRC, END CG/BEG RCG	G 16+48.27	44.17' RT	353.17
379	FOC, 1/4	G 16+60.11	48.96' RT	353.41
380	VAP	H 31+83.86	23.15 RT	353.66
381	FOC, 1/2	H 31+88.60	27.37' RT	353.74
382	FOC, 3/4	H 32+03.55	18.66' RT	354.21
383	FOC, DC	H 32+09.58	16.86' RT	354.34
384	FOC, DC	H 32+15.45	15.87' RT	354.44
385	FOC, PT	H 32+20.58	15.58' RT	354.50
386	FOC, END RCG/ BEG CG	H 32+24.76	15.55' RT	354.50
387	FOC, ME	H 32+43.98	15.13' RT	ME
388	EOP, POT	H 32+66.24	14.06' RT	ME
SPLITTER ISLAND N - PVC10				
389	VAP	H 29+87.12	31.78' RT	348.85
390	FOC, 1/2	H 30+05.98	9.96' RT	348.88
391	FOC, PRC	H 30+05.16	6.85' RT	348.90
392	FOC, 1/2	H 30+07.86	5.38' LT	348.92
393	FOC, PRC	H 30+08.34	17.89' LT	348.93
394	FOC, 1/2	H 30+09.10	19.27' LT	348.91
395	VAP	H 30+03.03	40.38' LT	348.88
396	FOC, PT	H 30+10.67	19.21' LT	348.90
397	FOC, PC	H 30+14.45	16.67' LT	348.86
398	FOC, 1/4	H 30+27.23	9.65' LT	348.81
399	VAP	H 30+33.83	20.97' LT	348.59

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PAVING CONTROL DATA TABLE

POINT NUMBER	POINT DESCRIPTION	STATION	OFFSET	ELEV
400	FOC, 1/2	H 30+41.07	5.04' LT	348.91
401	VAP	H 30+55.56	22.27' LT	348.75
402	FOC, 3/4	H 30+55.51	2.98' LT	349.17
403	FOC, PT	H 30+70.08	3.55' LT	349.59
404	FOC, PC	H 31+00.39	7.48' LT	350.67
405	FOC, 1/2	H 31+02.84	6.68' LT	350.73
406	FOC, PCC	H 31+03.76	4.26' LT	350.78
407	FOC, 1/2	H 31+03.26	0.95' RT	350.76
408	FOC, PCC	H 31+02.59	6.15' RT	350.75
409	FOC, 1/2	H 31+02.10	6.87' RT	350.73
410	FOC, PRC	H 31+01.23	6.94' RT	350.70
411	FOC, 1/2	H 30+87.98	3.07' RT	350.27
412	FOC, PT	H 30+74.24	1.70' RT	349.84
413	FOC, PC	H 30+55.54	1.56' RT	349.30
414	FOC, 1/4	H 30+43.66	2.07' RT	349.06
415	FOC, 1/2	H 30+31.90	3.74' RT	348.91
416	FOC, 3/4	H 30+20.36	6.57' RT	348.85
417	FOC, PRC	H 30+09.15	10.53' RT	348.87
SPLITTER ISLAND W - PVC10				
418	FOC, 1/2	H 31+73.86	8.99' RT	353.57
419	FOC, PRC	H 31+72.40	6.65' RT	353.56
420	FOC, 1/2	H 31+72.11	4.19' RT	353.59
421	FOC, PRC	H 31+71.64	1.75' RT	353.61
422	FOC, 1/2	H 31+71.89	0.89' RT	353.64
423	FOC, PRC	H 31+72.78	0.54' RT	353.68
424	FOC, 1/2	H 31+75.64	0.88' RT	353.78
425	FOC, PT	H 31+78.52	1.00' RT	353.88
426	FOC, PC	H 31+92.58	1.00' RT	354.35
427	FOC, 1/2	H 31+93.57	1.84' RT	354.36
428	FOC, PRC	H 31+92.89	2.95' RT	354.32
429	FOC, 1/2	H 31+84.67	5.84' RT	354.00
430	FOC, PRC	H 31+76.61	9.15' RT	353.66
SPLITTER ISLAND O - PVC10				
431	FOC, 1/2	H 30+81.50	25.08' LT	349.57
432	FOC, PRC	H 30+71.83	26.17' LT	349.55
433	FOC, 1/2	G 17+43.49	27.32' LT	350.30
434	FOC, PRC	G 17+58.04	16.37' LT	351.04
435	FOC, 1/2	G 17+58.41	15.21' LT	351.10
436	FOC, PCC	G 17+57.23	14.58' LT	351.12
437	FOC, 1/2	G 17+42.50	15.72' LT	350.99
438	FOC, PCC	G 17+27.60	16.87' LT	350.95
439	VAP	G 17+24.45	0.00' RT	351.73
440	FOC, 1/2	G 17+25.26	17.85' LT	350.89
441	FOC, PCC	H 31+02.48	26.30' LT	350.78
442	FOC, 1/2	H 30+92.50	24.94' LT	350.19
443	FOC, PCC	H 30+82.43	24.46' LT	349.64
N DAVIES RD WB EDGE / VERNON RD NB EDGE - PVC10				
444	FOC, BEG CG	H 32+66.24	12.96' LT	ME
445	FOC, DC	H 32+55.24	13.00' LT	
446	FOC, DC	H 32+30.24	13.00' LT	354.73
447	FOC, DC	H 32+15.00	13.00' RT	354.56
448	FOC, DC	H 32+10.00	13.00' LT	354.46
449	FOC, PC, END CG/BEG RCG	H 31+85.83	13.00' LT	353.92

PAVING CONTROL DATA TABLE

POINT NUMBER	POINT DESCRIPTION	STATION	OFFSET	ELEV
450	FOC, 1/2	H 31+69.03	15.51' LT	353.59
451	FOC, PT	H 31+55.33	23.65' LT	353.28
452	VAP	G 17+25.21	11.19 RT	352.22
453	FOC, POT, END RCG/BEG CG	G 17+44.00	17.15' RT	352.33
454	FOC, PC	G 17+73.94	12.01' RT	351.89
455	FOC, 1/4	G 18+23.25	12.94' RT	351.56
VERNON RD WB EDGE / SR9 SB EDGE - PVC11 & PVC12				
456	EOP, AP	H 27+90.26	16.00' LT	345.11
457	EOP, FOB, PC	H 28+32.73	26.80' LT	346.09
458	FOB, 1/4	H 28+44.02	32.50' LT	346.29
459	FOB, 1/2	H 28+54.13	40.07' LT	346.43
460	FOB, 3/4	H 28+62.93	49.28' LT	346.53
461	FOB, PRC	H 28+70.34	59.87' LT	346.63
462	FOB, 1/2	H 28+77.16	70.08' LT	346.72
463	FOB, PT	H 28+84.56	79.03' LT	346.82
464	FOB, EOP, AP	H 28+92.55	88.29' LT	346.92
465	EOP, AP	H 28+95.01	90.08' LT	346.94
466	EOP, PC	A 274+41.74	44.33' LT	347.63
467	EOP, 1/2	A 274+65.06	36.42' LT	348.18
468	EOP, PRC	A 274+89.55	38.99' LT	348.71
469	EOP, 1/4	A 275+23.53	47.74' LT	348.87
470	EOP, 1/2	A 275+58.38	51.79' LT	348.74
471	EOP, 3/4	A 275+93.46	51.07' LT	348.78
472	EOP, PRC	A 276+28.12	45.59' LT	348.98
473	EOP, 1/4	A 276+57.80	39.69' LT	349.18
474	EOP, 1/2	A 276+87.77	35.54' LT	349.34
475	EOP, 3/4	A 277+17.94	33.15' LT	349.44
476	EOP, AP	A 277+48.19	32.51' LT	349.48
477	EOP, AP	A 277+50.00	32.00' LT	349.48
SPLITTER ISLAND P - PVC11				
478	VAP	A 273+91.60	35.54' RT	348.72
479	FOC, 1/2	A 274+08.75	13.10' RT	348.41
480	FOC, PRC	A 274+08.13	10.24' RT	348.41
481	FOC, 1/2	A 274+11.06	5.72' LT	348.25
482	FOC, PRC	A 274+10.23	21.92' LT	348.03
483	FOC, 1/2	A 274+10.63	22.90' LT	348.03
484	VAP	A 274+02.38	43.35' LT	347.72
485	FOC, PT	A 274+11.68	22.97' LT	348.02
486	FOC, PC	A 274+30.06	13.29' LT	348.09
487	FOC, 1/4	A 274+47.08	6.43' LT	348.28
488	FOC, 1/2	A 274+65.13	3.11' LT	348.58
489	FOC, 3/4	A 274+83.48	3.49' LT	348.95
490	FOC, PRC	A 275+01.38	7.54' LT	349.23
491	FOC, 1/4	A 275+31.28	15.31' LT	349.41
492	FOC, 1/2	A 275+61.96	18.90' LT	349.34
493	FOC, 3/4	A 275+92.84	18.24' LT	349.45
494	FOC, PRC	A 276+23.34	13.33' LT	349.69
495	FOC, 1/2	A 276+45.21	8.71' LT	349.88
496	FOC, PRC	A 276+67.24	4.98' LT	350.02
497	FOC, 1/2	A 276+68.94	2.85' LT	350.07
498	FOC, PT	A 276+66.95	1.00' LT	350.11
499	FOC, POT	A 276+50.00	1.00' LT	350.09
500	FOC, POT	A 276+00.00	1.00' LT	349.94

PAVING CONTROL DATA TABLE

POINT NUMBER	POINT DESCRIPTION	STATION	OFFSET	ELEV
501	FOC, POT	A 275+50.00	1.00' LT	349.86
502	FOC, PC	A 275+42.80	1.00' LT	349.84
503	FOC, 1/4	A 275+21.95	0.57' LT	349.67
504	FOC, 1/2	A 275+01.13	0.74' RT	349.36
505	FOC, 3/4	A 274+80.38	2.90' RT	348.95
506	FOC, PT	A 274+59.74	5.93' RT	348.54
507	FOC, PC	A 274+11.50	14.08' RT	348.46
VERNON RD SB EDGE / SR9 NB EDGE - PVC10 & PVC11				
508	EOP, PC	G 18+01.87	18.00' LT	351.96
509	EOP, 1/2	G 17+88.79	21.05' LT	351.62
510	EOP, PCC	G 17+78.18	29.61' LT	351.07
511	EOP, 1/4	H 30+68.77	47.42' LT	350.25
512	EOP, 1/2	H 30+55.10	38.66' LT	349.35
513	EOP, 3/4	H 30+38.88	38.01' LT	348.60
514	EOP, PCC	H 30+24.56	45.64' LT	348.36
515	EOP, 1/4	H 30+16.61	54.60' LT	348.45
516	EOP, 1/2	H 30+10.42	64.85' LT	348.47
517	EOP, 3/4	A 274+04.16	49.85' RT	348.42
518	EOP, PCC	A 274+15.34	45.58' RT	348.30
519	EOP, 1/4	A 274+59.87	35.37' RT	348.23
520	EOP, 1/2	A 275+05.17	29.52' RT	348.93
521	EOP, 3/4	A 275+50.82	28.07' RT	349.32
522	EOP, PRC	A 275+96.40	31.04' RT	349.29
523	EOP, 1/2	A 276+04.88	31.76' RT	349.31
524	EOP, PT	A 276+13.39	32.00' RT	349.29
525	EOP, POT	A 276+50.00	32.00' RT	349.34
526	EOP, POT	A 277+00.00	32.00' RT	349.47
527	EOP, AP	A 277+39.36	32.00' RT	349.44
528	EOP, AP	A 277+47.28	33.32' RT	ME
SPLITTER ISLAND Q - PVC12				
529	FOC, 1/2	H 28+15.86	0.19' RT	346.15
530	FOC, PT	H 28+16.72	0.78' LT	346.15
531	FOC, PC	H 28+49.49	8.91' LT	347.12
532	FOC, 1/2	H 28+51.70	9.76' LT	347.20

ABBREVIATIONS

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FOB = FACE OF BARRIER
FOC = FACE OF CURB
ME = MATCH EXISTING
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PCC = POINT OF COMPOUND CURVATURE
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RCG = ROUNDABOUT CEMENT CONC. CURB AND GUTTER
RCGM = ROUNDABOUT CEMENT CONC. GURB AND GUTTER MODIFIED
RCIC = ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB
RTCG = ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER
TC = CEMENT CONC. TRAFFIC CURB
VAP = VERTICAL ANGLE POINT

FRACTIONS DENOTE DELTAS ALONG CURVE RADII

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PLOTTED BY	p0024020							
DESIGNED BY	Z. BROWN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21626 — REGISTERED PROFESSIONAL ENGINEER

DATE

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Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING CONTROL PLAN

PLAN REF NO
PVC03

SHEET
OF
SHEETS

PAVING CONTROL DATA TABLE				
POINT NUMBER	POINT DESCRIPTION	STATION	OFFSET	ELEV
533	FOC, PRC	H 28+53.88	10.70' LT	347.28
534	FOC, 1/2	H 28+56.52	10.50' LT	347.27
535	VAP	H 28+64.61	29.60' LT	347.13
536	FOC, PCC	H 28+57.88	8.08' LT	347.26
537	FOC, 1/2	H 27+58.01	2.07' RT	347.36
538	FOC, PCC	H 28+57.27	12.21' RT	347.41
539	FOC, 1/2	H 28+56.73	12.97' RT	347.40
540	VAP	H 28+71.21	31.16' RT	347.73
541	FOC, PRC	H 28+55.75	13.00' RT	347.39
542	FOC, 1/2	H 28+36.28	5.85' RT	346.92
543	FOC, PRC	H 28+16.69	1.19' RT	346.15
CENTRAL ISLAND ABF - PVD01				
544	FOC, AP	A 266+31.67	35.91' LT	347.49
545	FOC, 1/2	A 266+34.87	37.29' RT	347.49
546	FOC, PT	A 266+38.18	38.37' RT	347.50
547	FOC, PC	A 266+56.56	43.50' RT	347.51
548	FOC, 1/4	A 266+79.56	43.82' LT	347.56
549	FOC, 1/2	A 266+99.71	32.72' LT	347.73
550	FOC, 3/4	A 267+11.75	13.11' LT	347.93
551	FOC, PT	A 267+12.52	9.88' RT	347.93
552	FOC, AP	A 267+07.06	33.74' RT	347.61
553	FOC, 1/2	A 267+04.21	35.12' RT	347.60
554	FOC, PT	A 267+01.25	36.27' RT	347.60
555	FOC, PC	A 266+83.19	42.43' RT	347.49
556	FOC, 1/4	A 266+59.20	43.84' RT	347.39
557	FOC, 1/2	A 266+37.90	32.70' RT	347.50
558	FOC, 3/4	A 266+25.38	12.19' RT	347.66
559	FOC, PT	A 266+25.20	11.84' LT	347.69
CENTRAL ISLAND AH - PVD02				
560	FOC, AP	A 272+84.65	38.66' LT	348.53
561	FOC, 1/2	A 272+92.19	45.19' LT	348.53
562	FOC, PT	A 273+01.14	49.59' LT	348.55
563	FOC, PC	A 273+19.20	55.75' LT	348.46
564	FOC, 1/4	A 273+44.78	56.78' LT	348.29
565	FOC, 1/2	A 273+66.78	43.69' LT	348.47
566	FOC, 3/4	A 273+78.09	20.72' LT	348.92
567	FOC, PT	A 273+75.03	4.70' RT	349.27
568	FOC, AP	A 273+65.96	25.69' RT	349.35
569	FOC, 1/2	A 273+63.97	26.24' RT	349.38
570	FOC, PT	A 273+61.95	26.72' RT	349.42
571	FOC, PC	A 273+43.39	30.79' RT	349.62
572	FOC, 1/4	A 273+25.00	30.99' RT	349.70
573	FOC, 1/2	A 273+08.07	23.82' RT	349.67
574	FOC, 3/4	A 272+95.43	10.47' RT	349.53
575	FOC, PT	A 272+89.17	6.82' LT	349.30
CENTRAL ISLAND GH - PVD02				
576	FOC, PC	H 31+20.54	10.49' RT	351.57
577	FOC, 1/4	H 31+19.91	1.74' LT	351.58
578	FOC, 1/2	H 31+27.65	11.00' LT	351.91
579	FOC, 3/4	H 31+39.04	12.53' LT	352.31
580	FOC, PT	H 31+48.65	5.61' LT	352.68

PAVING CONTROL DATA TABLE				
POINT NUMBER	POINT DESCRIPTION	STATION	OFFSET	ELEV
581	FOC, PC	H 31+50.61	2.74' LT	352.77
582	FOC, 1/4	H 31+53.48	9.17' RT	352.62
583	FOC, 1/2	H 31+46.33	19.52' RT	352.30
584	FOC, 3/4	H 31+32.64	21.47' RT	351.95
585	FOC, PT	H 31+22.17	13.64' RT	351.62

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FRACTIONS DENOTE DELTAS ALONG CURVE RADII

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DATE	5/4/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	Z. BROWN							
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	H. VENNA					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21626 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

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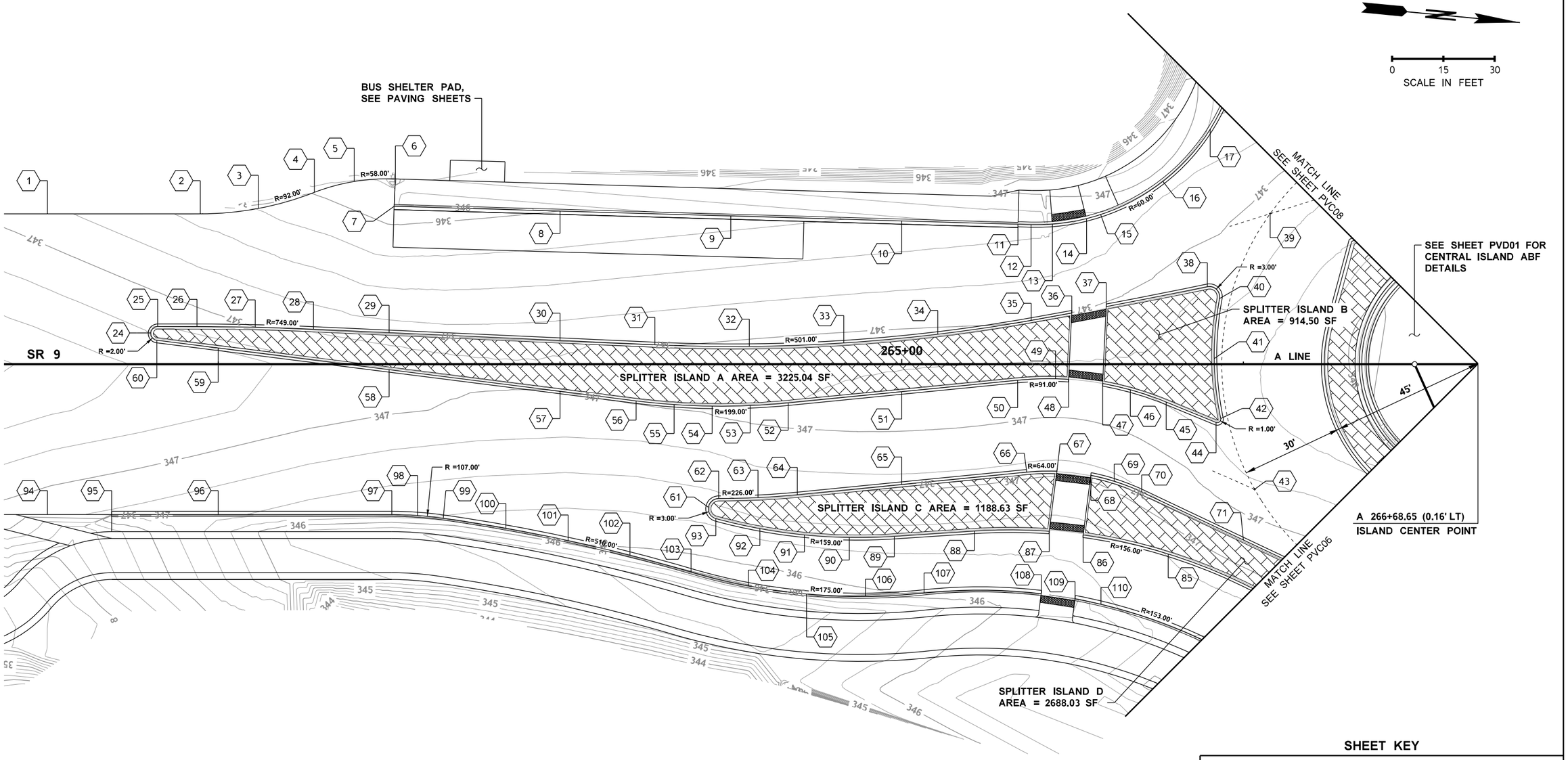
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING CONTROL PLAN

PLAN REF NO
PVC04
SHEET
OF
SHEETS

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



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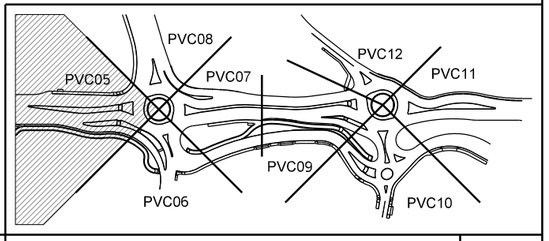
NOTES

1. UNLESS OTHERWISE NOTED ALL REFERENCE POINTS ARE LOCATED HORIZONTALLY AT THE EDGE OF PAVEMENT, FLOWLINE OR ON PIVOT, SHOULDER OR CROWN LINES, VERICALLY AT THE FINISHED GROUND SURFACE (SEE "GP" ON ROADWAY SECTIONS).
2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
3. POINTS WITHOUT ELEVATION IN THE POINT TABLE ARE PROVIDED FOR HORIZONTAL CONTROL ONLY. UNLESS OTHERWISE NOTED, THE ELEVATION OF THESE POINTS IS CONTROLLED BY THE ROADWAY SECTION OR DETAIL SHEET (SEE CROSS SLOPE, CURB HEIGHT, ETC.)
4. SEE PV, PVD, PVP, AND SP SHEETS FOR SAWCUT, SIDEWALK AND OTHER PAVEMENT INFORMATION.
5. SEE RS SHEETS FOR ROADWAY SECTIONS.
6. SEE DRAINAGE PLANS FOR ADDITIONAL INFORMATION, INCLUDING CATCH BASIN TYPE, RIM ELEVATION, AND LOCATION.
7. 5' TRANSITION FROM VERTICAL CURB TYPES TO ROUNDABOUT CURB TYPES ENDS AT CURB TRANSITION STATION.

SHEET KEY



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DESIGNED BY	Z. BROWN							
ENTERED BY	K. MCWILLIAMS					CONTRACT NO.		LOCATION NO.
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 17629 — REGISTERED PROFESSIONAL ENGINEER
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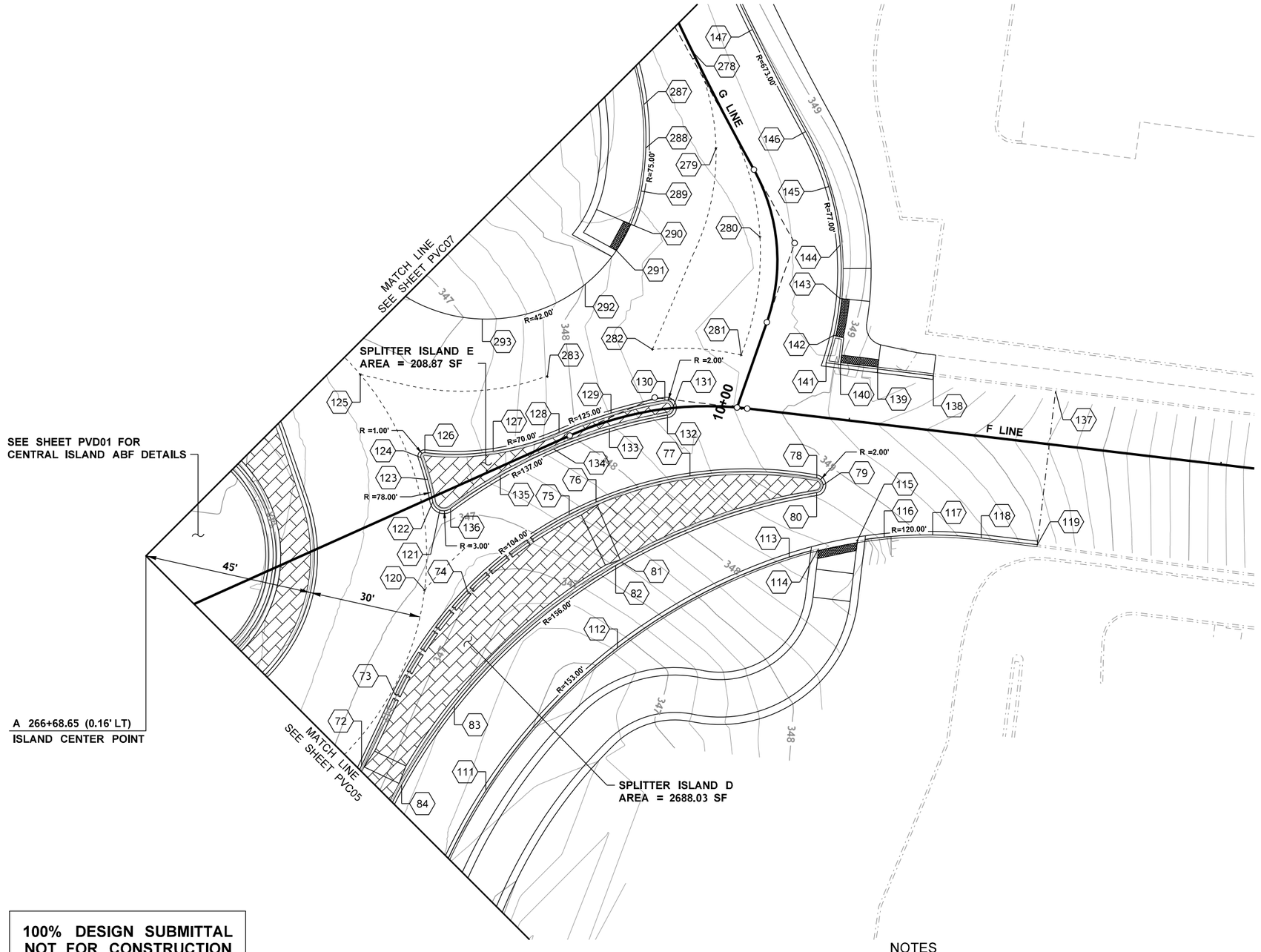
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 3)

PAVING CONTROL PLAN

PLAN REF NO
PVC05
SHEET
OF
SHEETS

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



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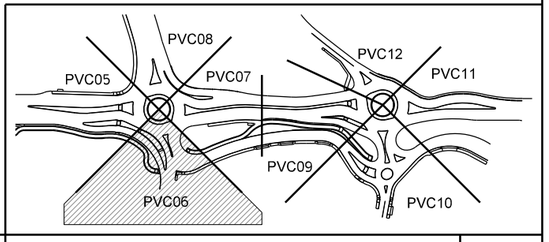
SCALE IN FEET

SHEET KEY



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NOTES

1. SEE SHEET PVC05 FOR PAVING CONTROL PLAN GENERAL NOTES.

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DESIGNED BY	Z. BROWN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 47624 — REGISTERED PROFESSIONAL ENGINEER
DATE
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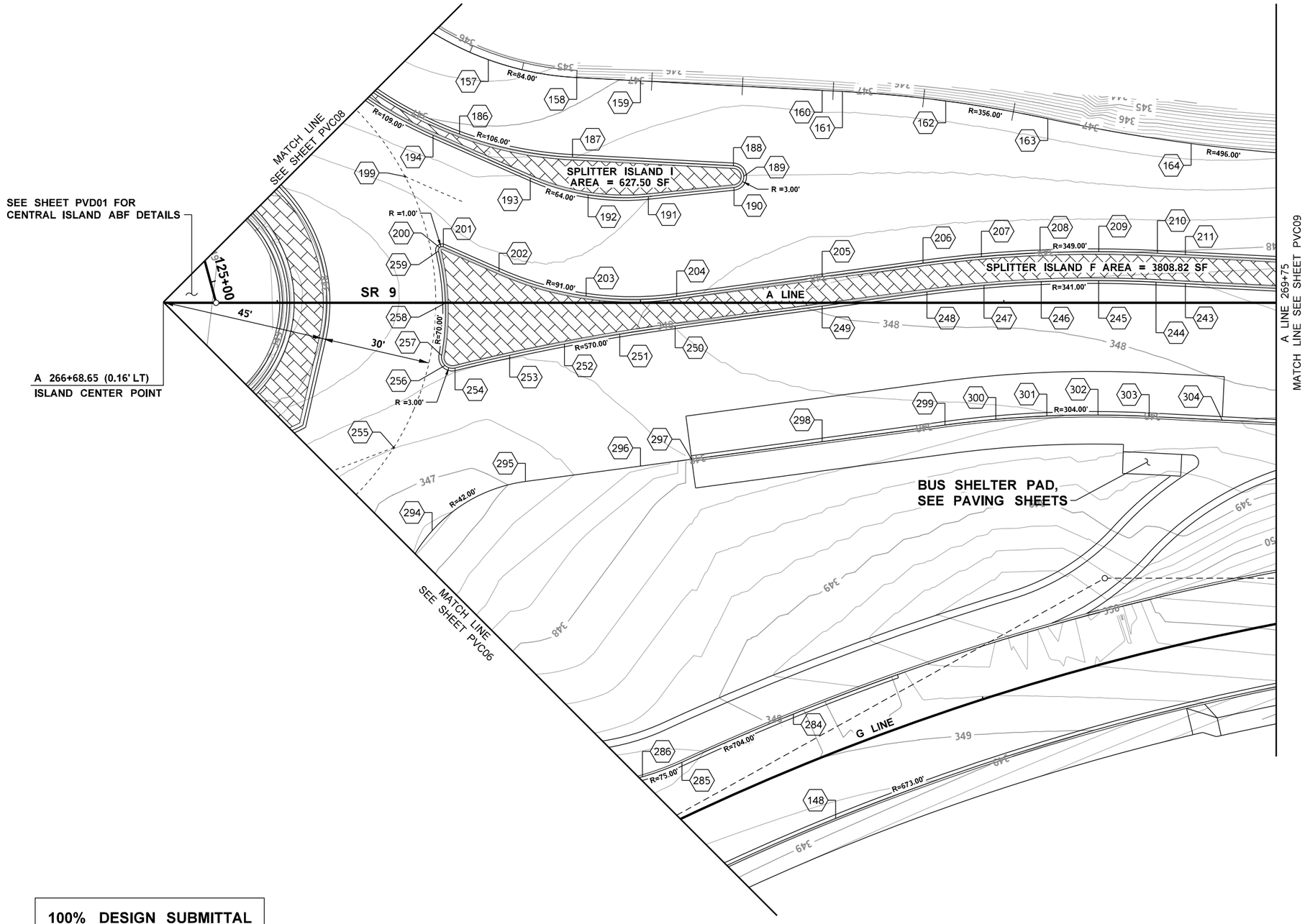
Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 3)

PAVING CONTROL PLAN

PLAN REF NO
PVC06
SHEET
OF
SHEETS

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



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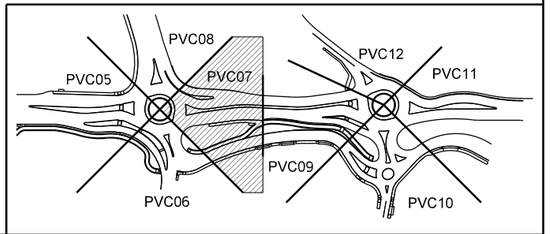

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NOTES

1. SEE SHEET PVC05 FOR PAVING CONTROL PLAN GENERAL NOTES.

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DESIGNED BY	Z. BROWN							
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	H. VENNA					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN
STATE OF WASHINGTON
21624
REGISTERED
PROFESSIONAL ENGINEER
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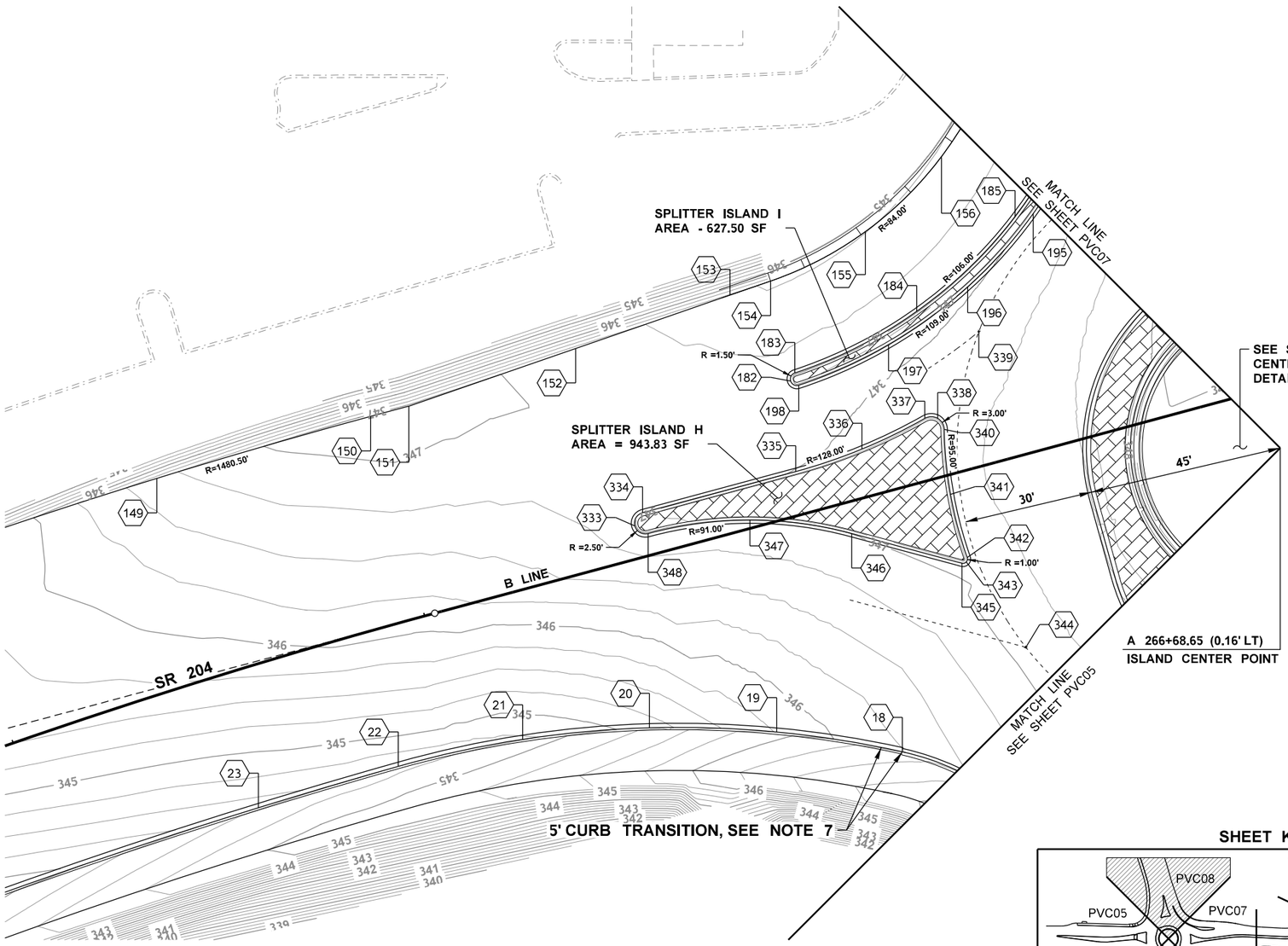
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 3)

PAVING CONTROL PLAN

PLAN REF NO
PVC07
SHEET
OF
SHEETS

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



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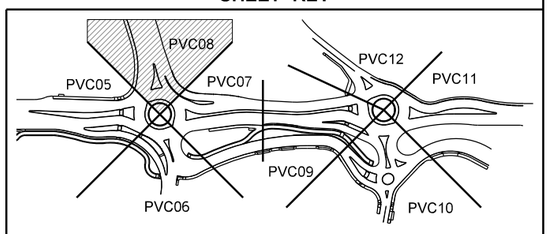
SHEET KEY



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NOTES

1. SEE SHEET PVC05 FOR PAVING CONTROL PLAN GENERAL NOTES.

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

ZACHARY R. BROWN — STATE OF WASHINGTON — 21624 — REGISTERED PROFESSIONAL ENGINEER
DATE
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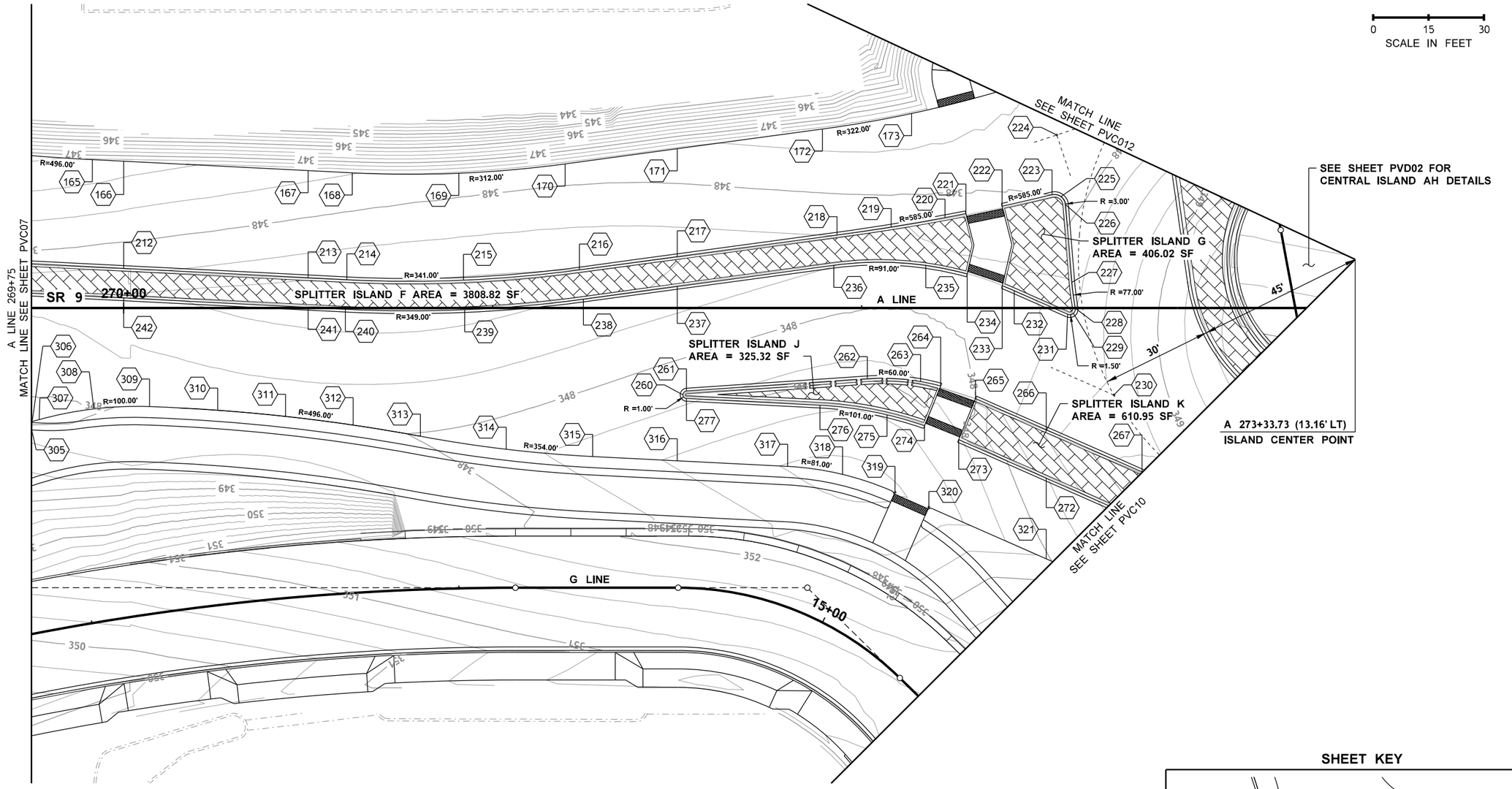
**SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 3)**

PAVING CONTROL PLAN

PLAN REF NO
PVC08

SHEET
OF
SHEETS

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



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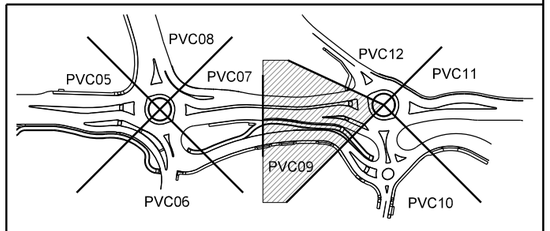

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NOTES

1. SEE SHEET PVC05 FOR PAVING CONTROL PLAN GENERAL NOTES.

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DESIGNED BY	Z. BROWN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 47024 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

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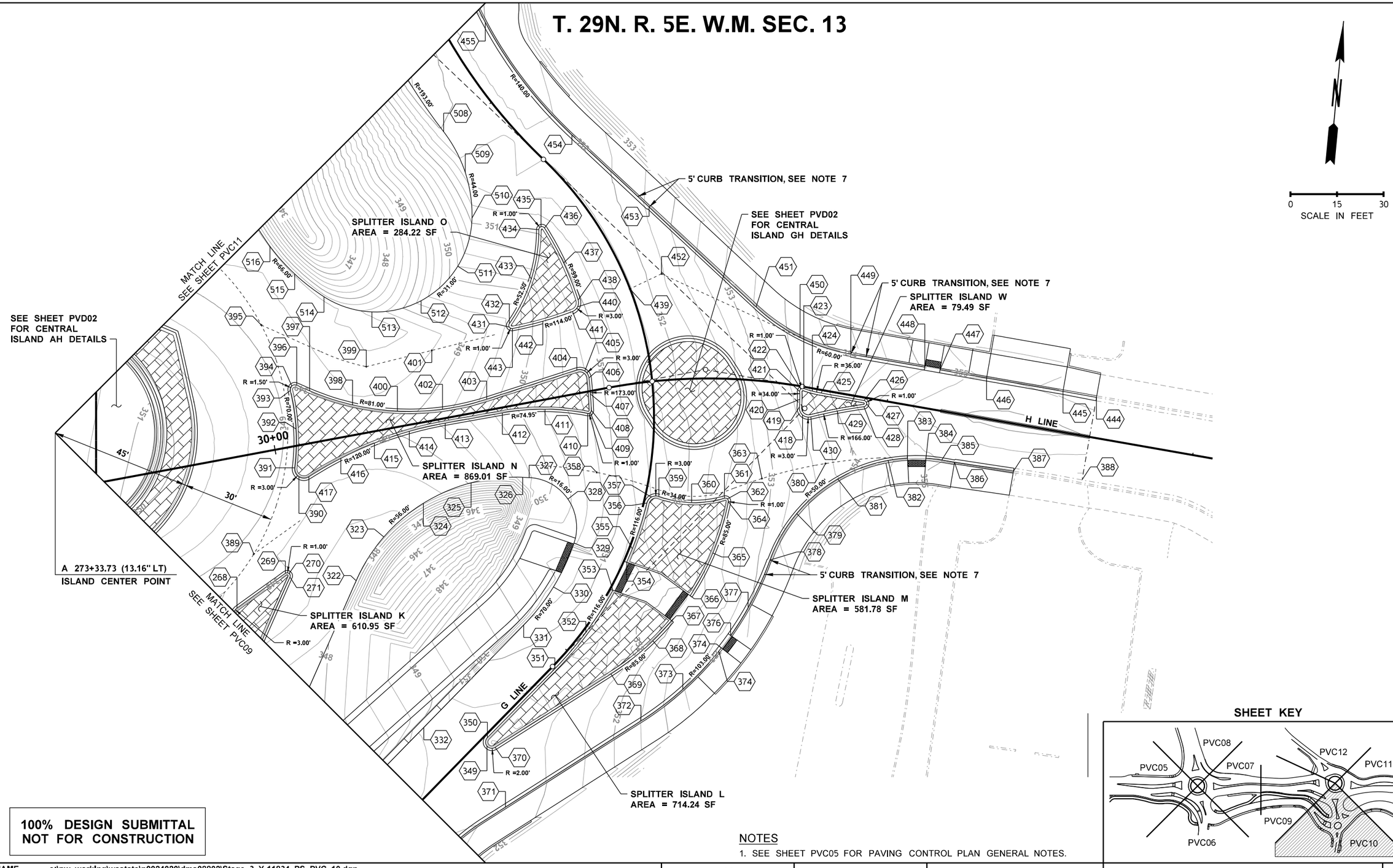
Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 3)

PAVING CONTROL PLAN

PLAN REF NO
PVC09
SHEET
OF
SHEETS

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



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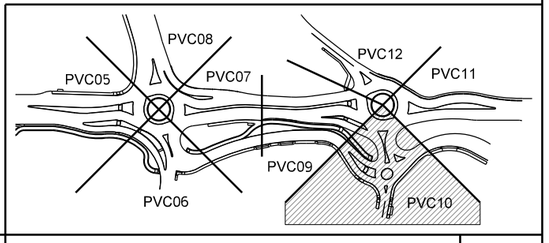

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NOTES

1. SEE SHEET PVC05 FOR PAVING CONTROL PLAN GENERAL NOTES.

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

ZACHARY R. BROWN — STATE OF WASHINGTON — 21622 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

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Washington State Department of Transportation

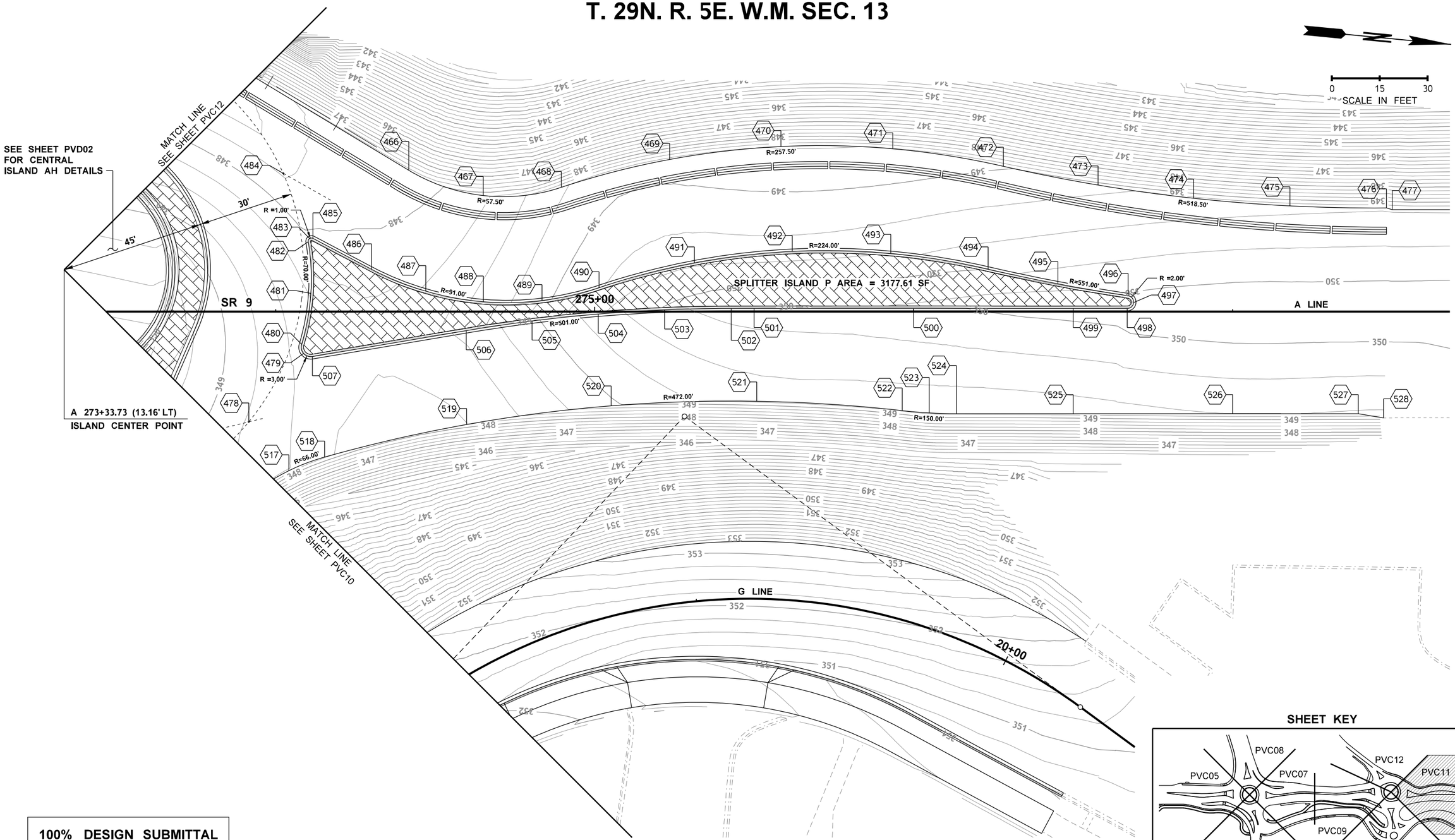
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING CONTROL PLAN

PLAN REF NO
PVC10

SHEET
OF
SHEETS

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



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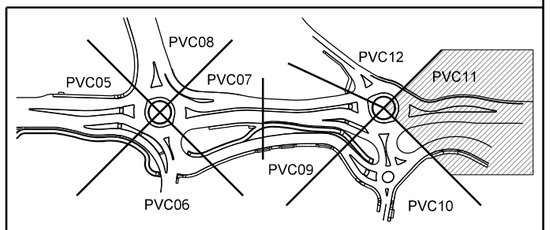

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NOTES

1. SEE SHEET PVC05 FOR PAVING CONTROL PLAN GENERAL NOTES.

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

ZACHARY R. BROWN — STATE OF WASHINGTON — 17624 — REGISTERED PROFESSIONAL ENGINEER

DATE

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Washington State
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 3)

PAVING CONTROL PLAN

PLAN REF NO
PVC11

SHEET
OF
SHEETS

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

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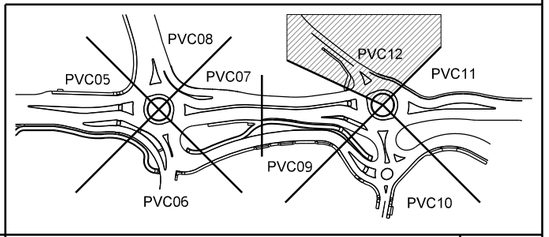

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NOTES

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

ZACHARY R. BROWN
STATE OF WASHINGTON
21626
REGISTERED
PROFESSIONAL ENGINEER

DATE

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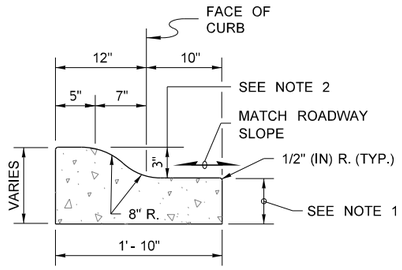
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 3)

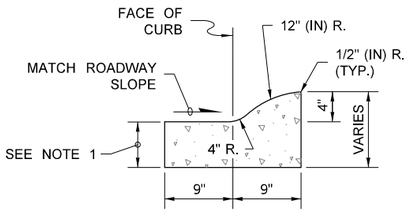
PAVING CONTROL PLAN

PLAN REF NO
PVC12

SHEET
OF
SHEETS

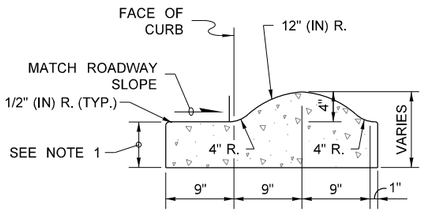


CURB 1
ROUNDABOUT TRUCK APRON
CEM. CONC. CURB AND GUTTER
(ROLLED CURB)



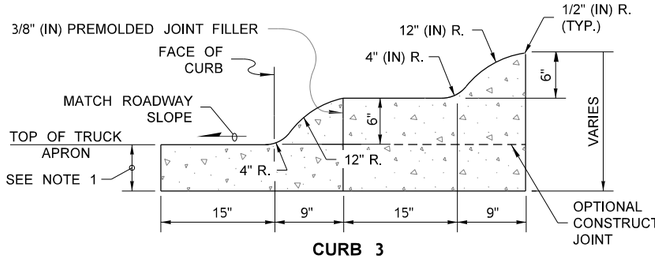
CURB 2
(OUTSIDE, RIGHT SIDE OR SPLITTER ISLAND)

ROUNDABOUT CEMENT CONCRETE
CURB AND GUTTER
(ROLLED CURB)

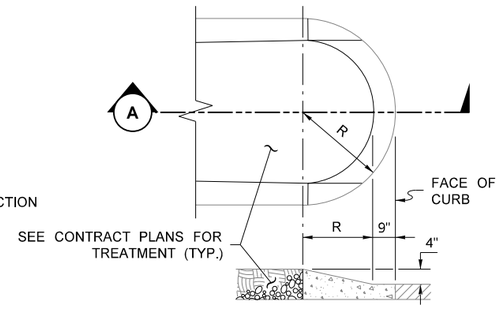


CURB 2 (MODIFIED)
(OUTSIDE, RIGHT SIDE)

ROUNDABOUT CEMENT CONCRETE
CURB AND GUTTER
(ROLLED CURB)



CURB 3
ROUNDABOUT CENTRAL ISLAND
CEMENT CONCRETE CURB
(ROLLED CURB)



ROUNDABOUT SPLITTER ISLAND
NOSING CURB

SECTION A

DETAIL
(SEE CONTRACT PLANS FOR **R**)

NOTE:
1. MATCH ADJACENT PAVEMENT WIDTH, BUT NOT LESS THAN 6 INCHES.

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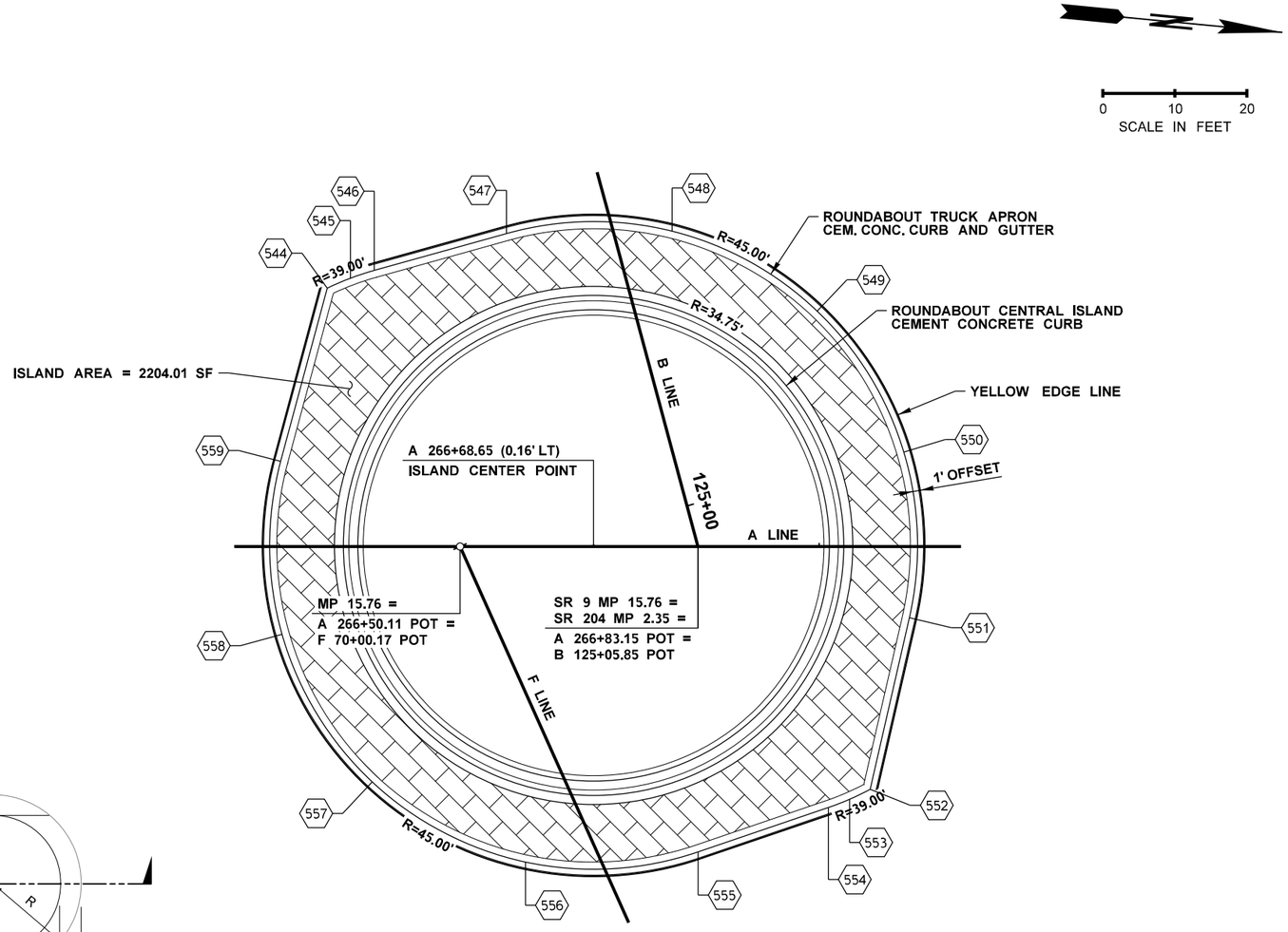

CENTRAL ISLAND ABF

SR 9 / SR 204 / 7TH PL NE INTERSECTION

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

ZACHARY R. BROWN — STATE OF WASHINGTON — 21622 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

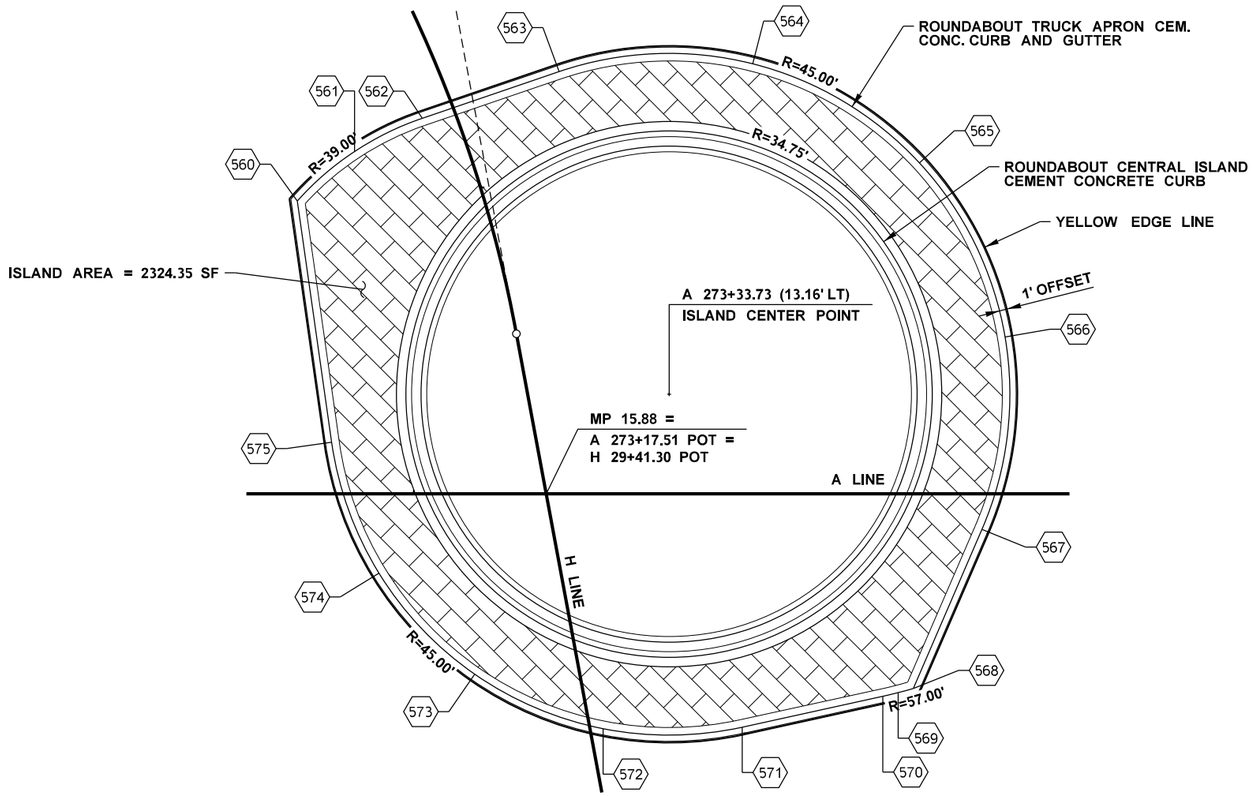
PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

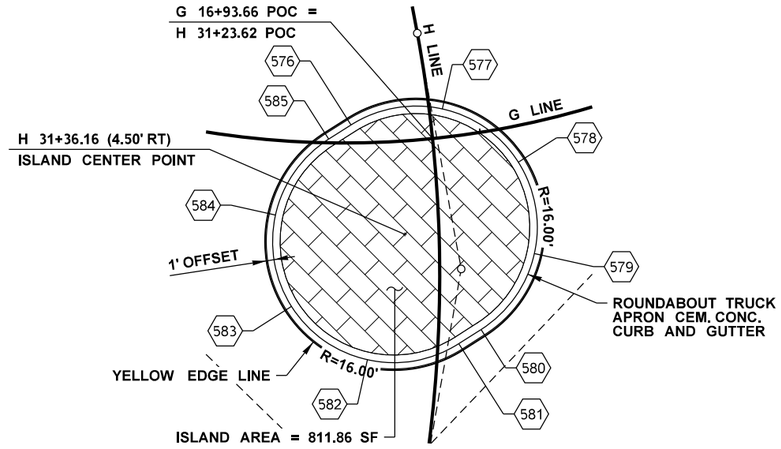
PAVING DETAILS

PLAN REF NO
PVD01
SHEET
OF
SHEETS



CENTRAL ISLAND AH

SR 9 / VERNON - N DAVIES RD INTERSECTION



CENTRAL ISLAND GH

VERNON RD / VERNON - N DAVIES RD INTERSECTION

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NOTES:

1. SEE SHEET PV01 FOR PAVEMENT LEGEND AND NOTES.
2. SEE PVD07 THRU PVD29 FOR ADDITIONAL SIDEWALK AND CURB RAMP DETAILS.

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

ZACHARY R. BROWN — STATE OF WASHINGTON — 21703 — REGISTERED PROFESSIONAL ENGINEER

DATE

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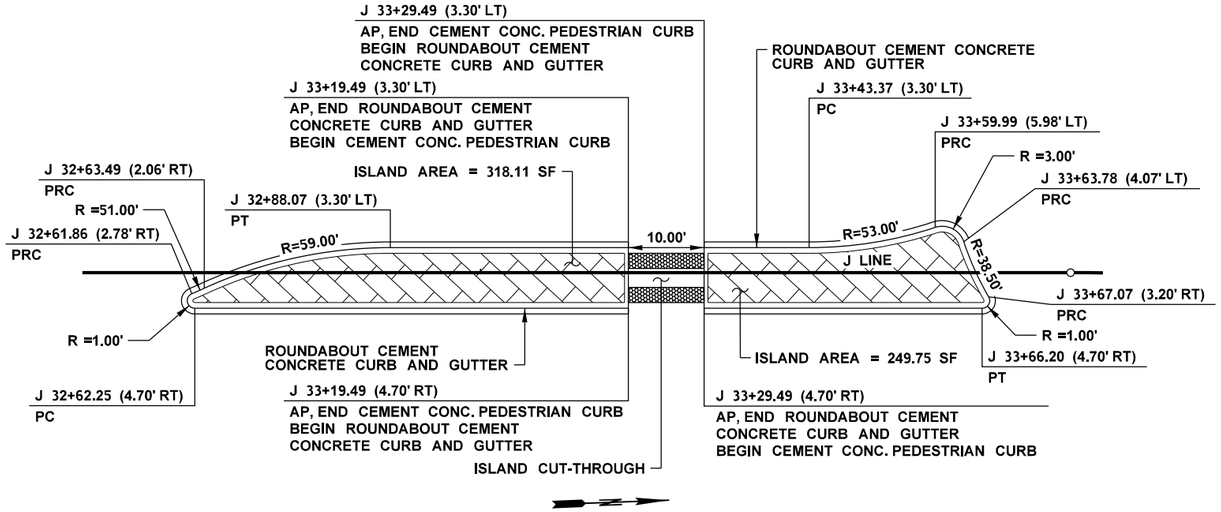
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

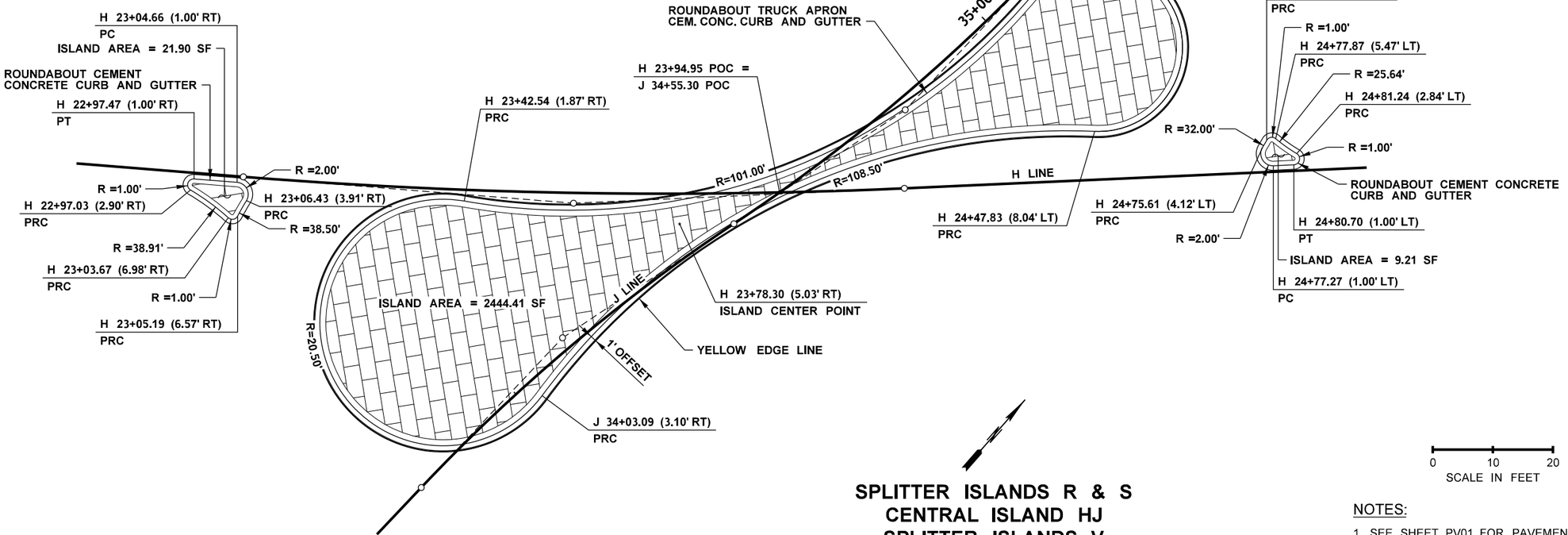
PLAN REF NO
PVD02

SHEET
OF
SHEETS



SPLITTER ISLAND T & U

SOUTH OF VERNON RD AND 91ST AVE NE INTERSECTION



SPLITTER ISLANDS R & S
CENTRAL ISLAND HJ
SPLITTER ISLANDS V

INTERSECTION OF VERNON RD AND 91ST AVE NE

0 10 20
SCALE IN FEET

NOTES:

1. SEE SHEET PV01 FOR PAVEMENT LEGEND AND NOTES.
2. SEE PVD07 THRU PVD29 FOR ADDITIONAL SIDEWALK AND CURB RAMP DETAILS.

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

ZACHARY R. BROWN — STATE OF WASHINGTON — 17624 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

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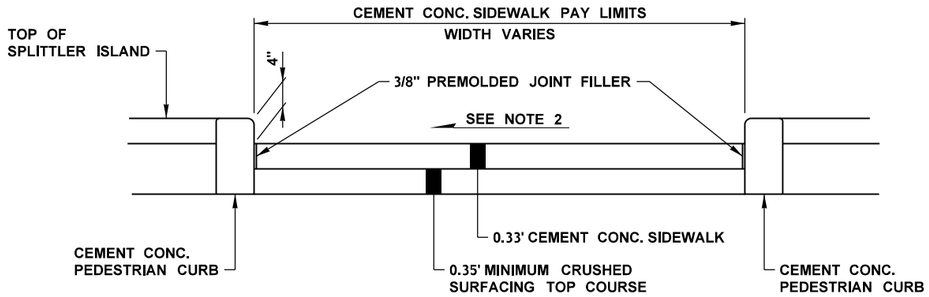
Department of Transportation

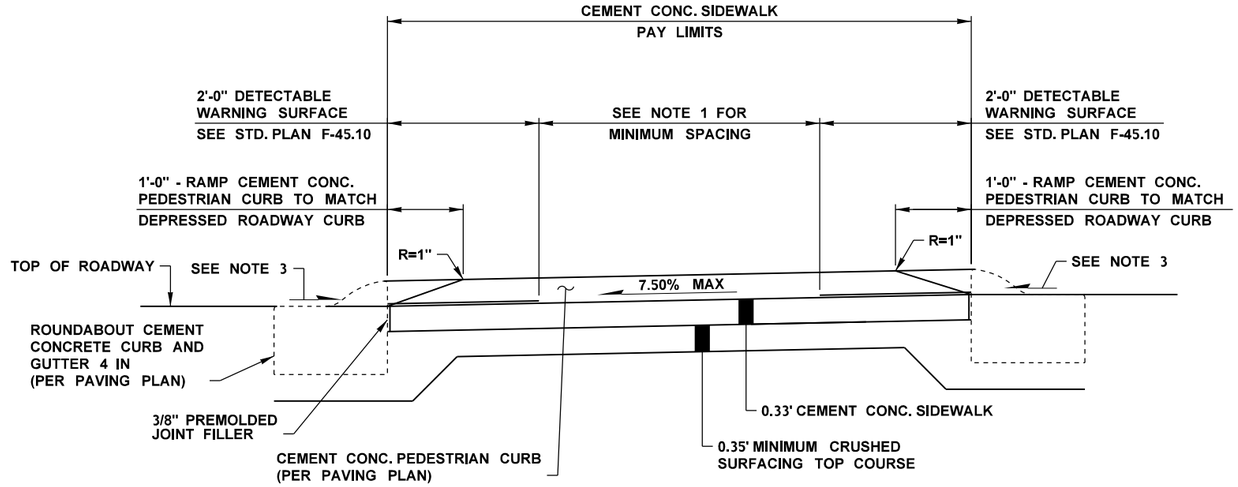
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 3)

PAVING DETAILS

PLAN REF NO
PVD03
SHEET
OF
SHEETS



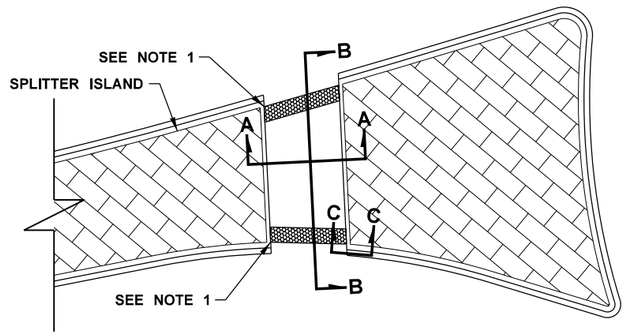
SECTION A-A



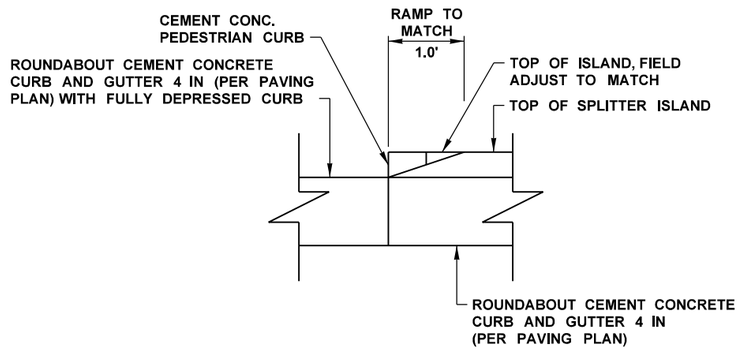
SECTION B-B

NOTES:

1. DETECTABLE WARNING SURFACES SHALL BE SEPARATED BY A MINIMUM OF 2.0 FEET, SHALL BE FLUSH WITH THE BACK OF FULLY DEPRESSED ROADWAY CURB, AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD PLAN F-45.10.
2. SEE INDIVIDUAL CURB RAMP DETAILS AND NOTES FOR CROSS SLOPES.
3. ADJOINING SLOPE TO CURB SHALL NOT EXCEED 4.50%.



PLAN VIEW



SECTION C-C

ISLAND CUT-THROUGH CEMENT CONC. SIDEWALK

NOT TO SCALE

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

ZACHARY R. BROWN — STATE OF WASHINGTON — 24862 — REGISTERED PROFESSIONAL ENGINEER

DATE

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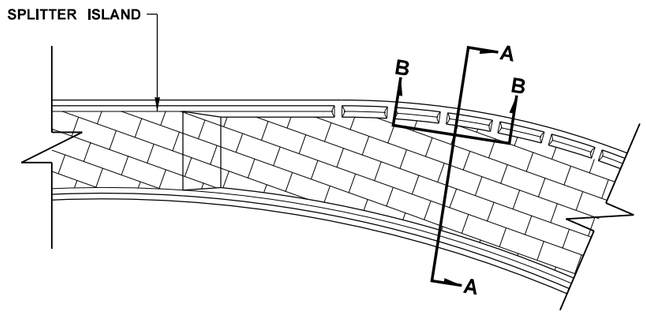
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

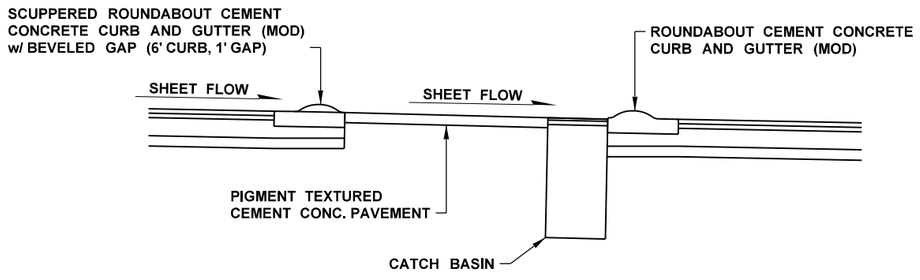
PAVING DETAILS

PLAN REF NO
PVD04

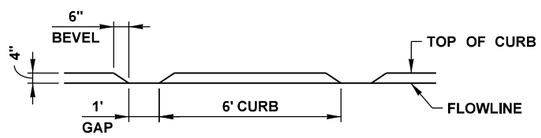
SHEET
OF
SHEETS



PLAN VIEW



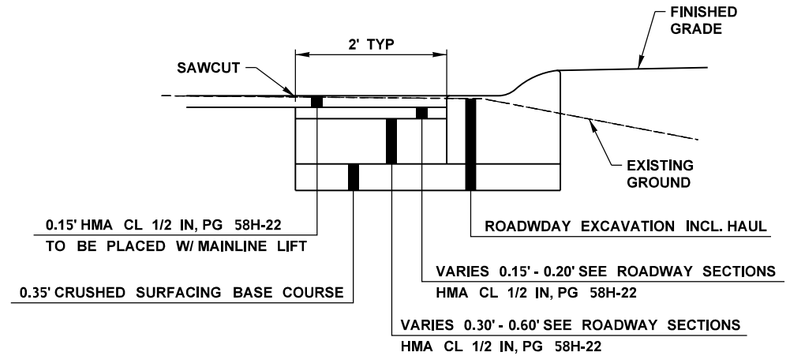
SECTION A-A



SECTION B-B

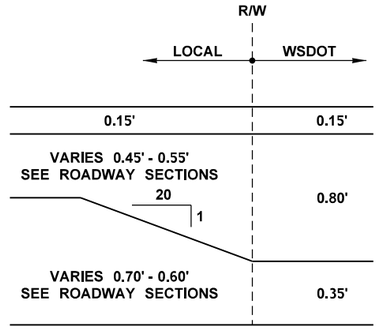
TYPICAL DEPRESSED SPLITTER ISLAND

NOT TO SCALE



NEW CURB TYPICAL SAWCUT PAVEMENT SECTION DETAIL

NOT TO SCALE



PAVEMENT TRANSITION DETAIL

NOT TO SCALE

NOTE:

1. PROVIDE TRANSVERSE BUTT JOINTS AT THE PAVING LIMITS TO ACCOMODATE THE OVERLAY. THESE BUTT JOINTS SHOULD TAPER FROM 0.15' TO 0.00' IN A LENGTH OF 30' AFTER ALL CONSTRUCTION WORK FOR THE ROUNDABOUTS AND REALIGNMENTS HAVE BEEN COMPLETED.

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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ENTERED BY	K. MCWILLIAMS					CONTRACT NO.		LOCATION NO.
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 47924 — REGISTERED PROFESSIONAL ENGINEER

DATE

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Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

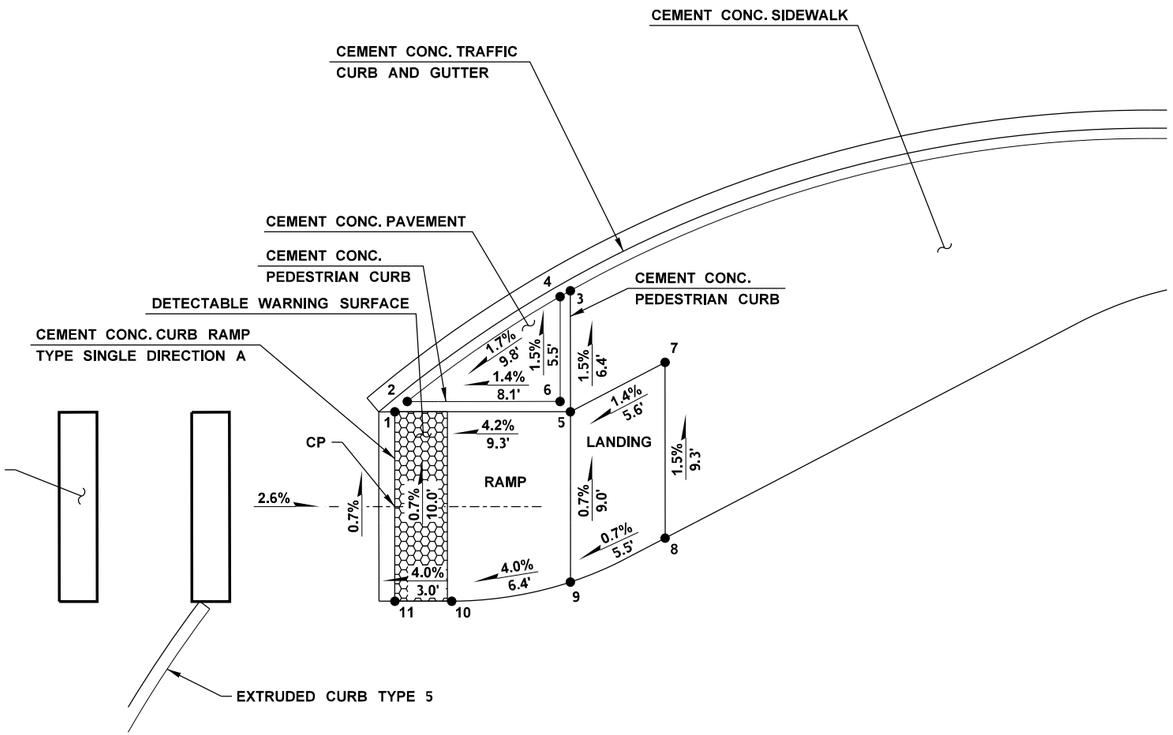
PAVING DETAILS

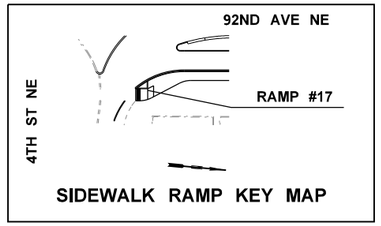
PLAN REF NO
PVD05

SHEET

OF

SHEETS





SIDEWALK RAMP KEY MAP

DATUM

(NAVD) 88

SINGLE DIRECTION RAMP #17				
POINT	DESCRIPTION	STATION	OFFSET	ELEVATION
CP		E 10+32.77	16.31' RT	356.78
1	ME	E 10+36.87	12.54' RT	356.84
2	HAP	E 10+37.89	12.54' RT	357.34
3	HAP	E 10+50.41	12.54' RT	357.17
4	HAP	E 10+49.66	12.54' RT	357.17
5	HAP	E 10+46.28	18.02' RT	357.23
6	HAP	E 10+46.07	17.27' RT	357.23
7	VAP	E 10+53.71	18.24' RT	357.20
8	VAP	E 10+47.24	26.34' RT	357.33
9	VAP	E 10+38.96	25.37' RT	357.29
10	PT	E 10+31.09	22.00' RT	357.03
11	ME	E 10+28.15	19.86' RT	356.91

SINGLE DIRECTION SIDEWALK RAMP #17

4TH ST NE / 92ND AVE NE INTERSECTION
NOT TO SCALE

NOTES:

1. EXCEPT WHERE SHOWN IN THE PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
   ALL CROSS SLOPES: 2%
   SIDEWALK RUNNING SLOPES: 5%
   LANDING RUNNING SLOPES: 2%, AND
   RAMP RUNNING SLOPE: 8.3%
2. FOR ADDITIONAL DETAILS NOT SHOWN, SEE THE FOLLOWING STANDARD PLANS:

   F-10.12-04 STANDARD PLAN "CEMENT CONC. TRAFFIC CURB"
   F-10.16-00 STANDARD PLAN "CEMENT CONC. CURB AND GUTTER"
   F-30.10-04 STANDARD PLAN "CEMENT CONC. SIDEWALK"
   F-40.12-03 STANDARD PLAN "PARALLEL CURB RAMP"
   F-40.14-03 STANDARD PLAN "COMBINATION CURB RAMP"
   F-40.15-04 STANDARD PLAN "PERPENDICULAR CURB RAMP"
   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
   F-45.10-02 STANDARD PLAN "DETECTABLE WARNING SURFACE"
3. SEE SIGNAL AND ILLUMINATION PLANS AND SIGNING PLANS FOR ADDITIONAL DETAILS NOT SHOWN.
4. SEE PAVING AND PAVING CONTROL PLANS FOR CONTROL POINT AND OTHER PAVING INFORMATION.
5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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

ZACHARY R. BROWN — STATE OF WASHINGTON — 47024 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

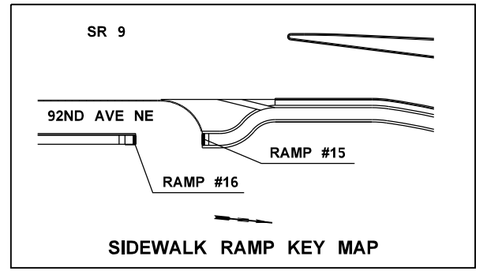
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

PLAN REF NO
PVD06

SHEET
OF
SHEETS



SIDEWALK RAMP KEY MAP

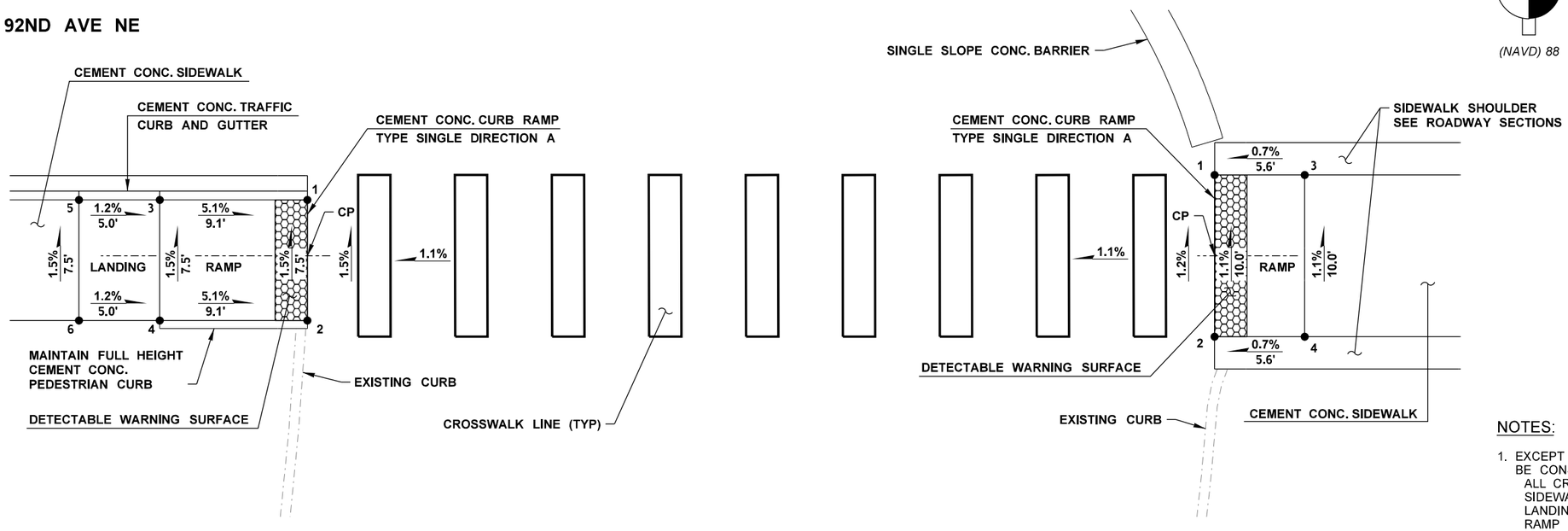
SINGLE DIRECTION RAMP #15	
POINT	ELEVATION
CP	349.45
1	349.41
2	349.52
3	350.45
4	350.56

SINGLE DIRECTION RAMP #16	
POINT	ELEVATION
CP	349.99
1	349.93
2	340.10
3	350.45
4	350.56
5	350.51
6	350.60

DATUM

(NAVD) 88

92ND AVE NE



NOTES:

1. EXCEPT WHERE SHOWN IN THE PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
   ALL CROSS SLOPES: 2%
   SIDEWALK RUNNING SLOPES: 5%
   LANDING RUNNING SLOPES: 2%, AND
   RAMP RUNNING SLOPE: 8.3%
2. FOR ADDITIONAL DETAILS NOT SHOWN, SEE THE FOLLOWING STANDARD PLANS:

   F-10.12-04 STANDARD PLAN "CEMENT CONC. TRAFFIC CURB"
   F-10.16-00 STANDARD PLAN "CEMENT CONC. CURB AND GUTTER"
   F-30.10-04 STANDARD PLAN "CEMENT CONC. SIDEWALK"
   F-40.12-03 STANDARD PLAN "PARALLEL CURB RAMP"
   F-40.14-03 STANDARD PLAN "COMBINATION CURB RAMP"
   F-40.15-04 STANDARD PLAN "PERPENDICULAR CURB RAMP"
   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
   F-45.10-02 STANDARD PLAN "DETECTABLE WARNING SURFACE"
3. SEE SIGNAL AND ILLUMINATION PLANS AND SIGNING PLANS FOR ADDITIONAL DETAILS NOT SHOWN.
4. SEE PAVING AND PAVING CONTROL PLANS FOR CONTROL POINT AND OTHER PAVING INFORMATION.
5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

SINGLE DIRECTION SIDEWALK RAMP #15 & #16

92ND AVE NE
NOT TO SCALE

FILE NAME	c:\pw_working\wastate\p0024020\dms08802\Stage_3_Y-11834_PS_PVD_07.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
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DESIGNED BY	S. EAGAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	M. CALDWELL							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

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Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

PLAN REF NO
PVD07

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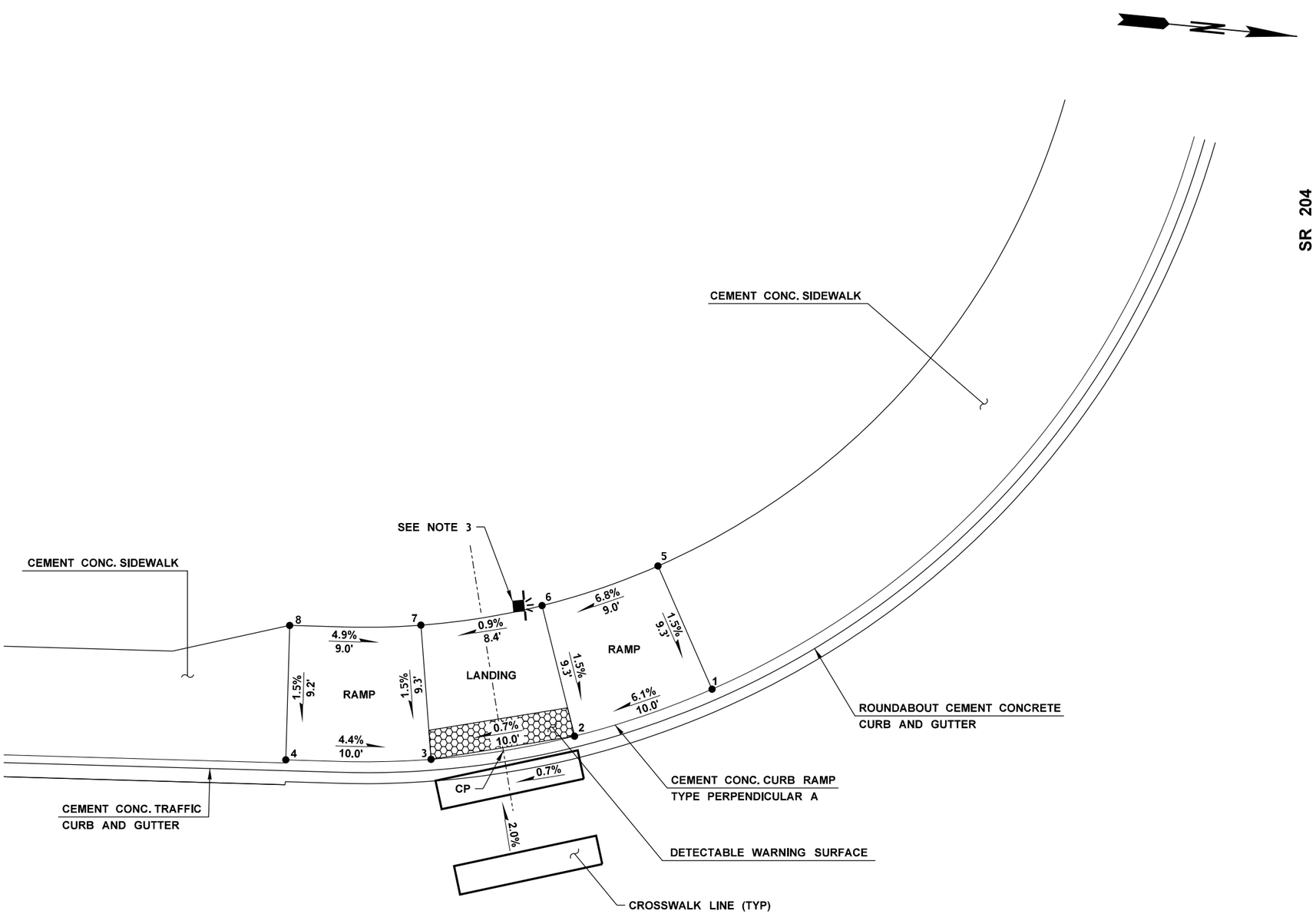
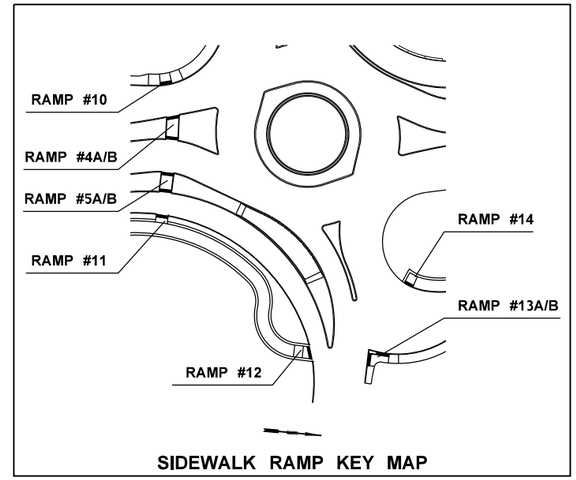
OF
SHEETS



SR 9



SIDEWALK RAMP KEY MAP

DATUM

(NAVD) 88

PERPENDICULAR RAMP #10	
POINT	ELEVATION
CP	346.66
1	347.31
2	346.70
3	346.63
4	347.07
5	347.45
6	346.84
7	346.77
8	347.21

NOTES:

1. EXCEPT WHERE SHOWN IN THE PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
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   F-40.14-03 STANDARD PLAN "COMBINATION CURB RAMP"
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   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
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3. SEE SIGNAL AND ILLUMINATION PLANS AND SIGNING PLANS FOR ADDITIONAL DETAILS NOT SHOWN.
4. SEE PAVING AND PAVING CONTROL PLANS FOR CONTROL POINT AND OTHER PAVING INFORMATION.
5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

TYPE PERPENDICULAR A SIDEWALK RAMP #10

SR 9 / SR 204 INTERSECTION
NOT TO SCALE

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DESIGNED BY	S. EAGAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	M. CALDWELL							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21703 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

PLAN REF NO
PVD08

SHEET
OF
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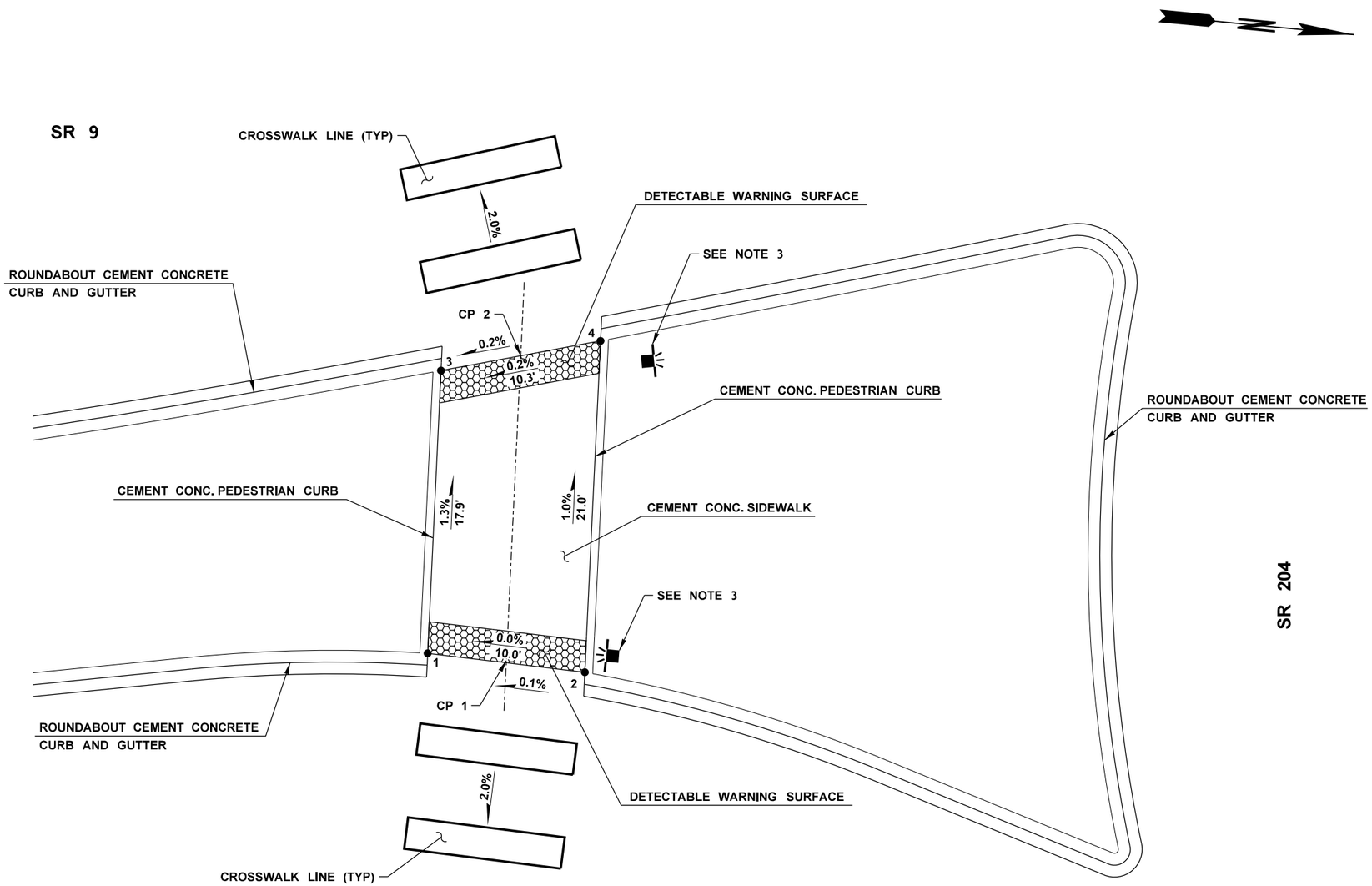

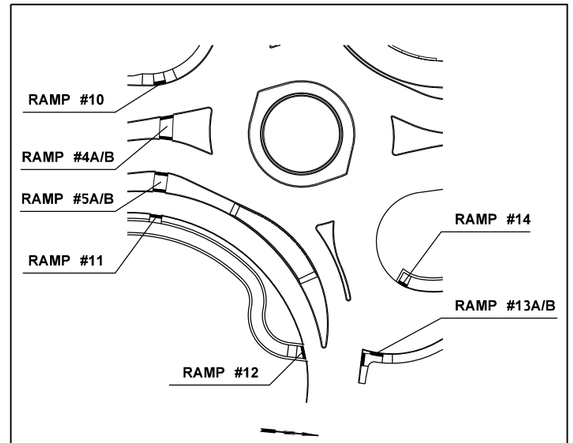

SIDEWALK RAMP KEY MAP

SR 204

DATUM

(NAVD) 88

CONCRETE SIDEWALK RAMP #4A/B	
POINT	ELEVATION
CP 1	347.23
CP 2	347.01
1	347.23
2	347.23
3	347.00
4	347.02

ISLAND CUT-THROUGH CEMENT CONCRETE SIDEWALK RAMP #4A/B

SR 9 / SR 204 INTERSECTION - SPLITTER ISLAND A & B
NOT TO SCALE

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

NOTES:

1. EXCEPT WHERE SHOWN IN THE PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
   ALL CROSS SLOPES: 2%
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   F-10.12-04 STANDARD PLAN "CEMENT CONC. TRAFFIC CURB"
   F-10.16-00 STANDARD PLAN "CEMENT CONC. CURB AND GUTTER"
   F-30.10-04 STANDARD PLAN "CEMENT CONC. SIDEWALK"
   F-40.12-03 STANDARD PLAN "PARALLEL CURB RAMP"
   F-40.14-03 STANDARD PLAN "COMBINATION CURB RAMP"
   F-40.15-04 STANDARD PLAN "PERPENDICULAR CURB RAMP"
   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
   F-45.10-02 STANDARD PLAN "DETECTABLE WARNING SURFACE"

3. SEE SIGNAL AND ILLUMINATION PLANS AND SIGNING PLANS FOR ADDITIONAL DETAILS NOT SHOWN.
4. SEE PAVING AND PAVING CONTROL PLANS FOR CONTROL POINT AND OTHER PAVING INFORMATION.
5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

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DESIGNED BY	S. EAGAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	M. CALDWELL							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 22782 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

PLAN REF NO
PVD09

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OF
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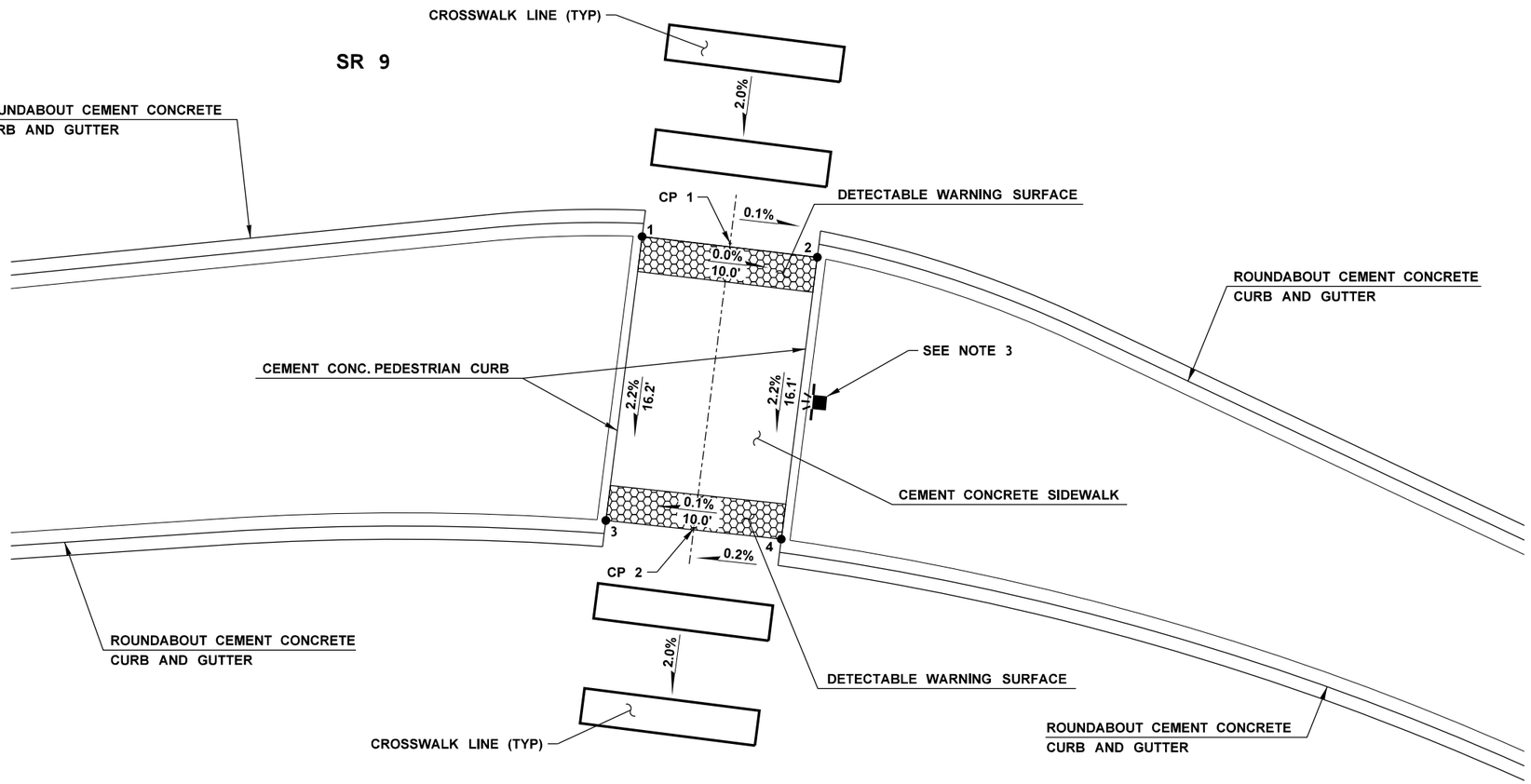

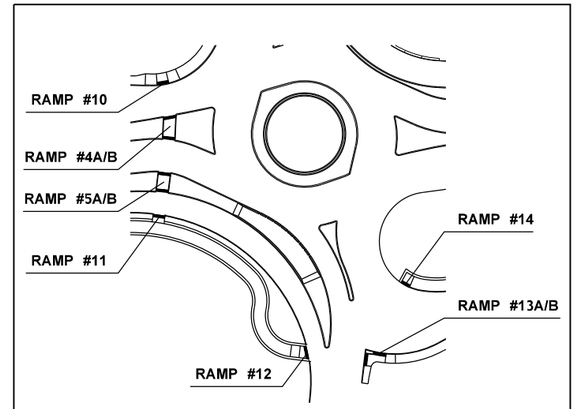

SIDEWALK RAMP KEY MAP

SR 204

DATUM

(NAVD) 88

CONCRETE SIDEWALK RAMP #5A/B	
POINT	ELEVATION
CP 1	346.69
CP 2	346.33
1	346.69
2	346.69
3	346.33
4	346.34

ISLAND CUT-THROUGH CEMENT CONCRETE SIDEWALK RAMP #5A/B

SR 9 / SR 204 INTERSECTION
SPLITTER ISLAND C & D
NOT TO SCALE

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTES:

1. EXCEPT WHERE SHOWN IN THE PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
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   F-40.14-03 STANDARD PLAN "COMBINATION CURB RAMP"
   F-40.15-04 STANDARD PLAN "PERPENDICULAR CURB RAMP"
   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
   F-45.10-02 STANDARD PLAN "DETECTABLE WARNING SURFACE"

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5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

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DESIGNED BY	S. EAGAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	M. CALDWELL							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21703 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

PLAN REF NO
PVD10

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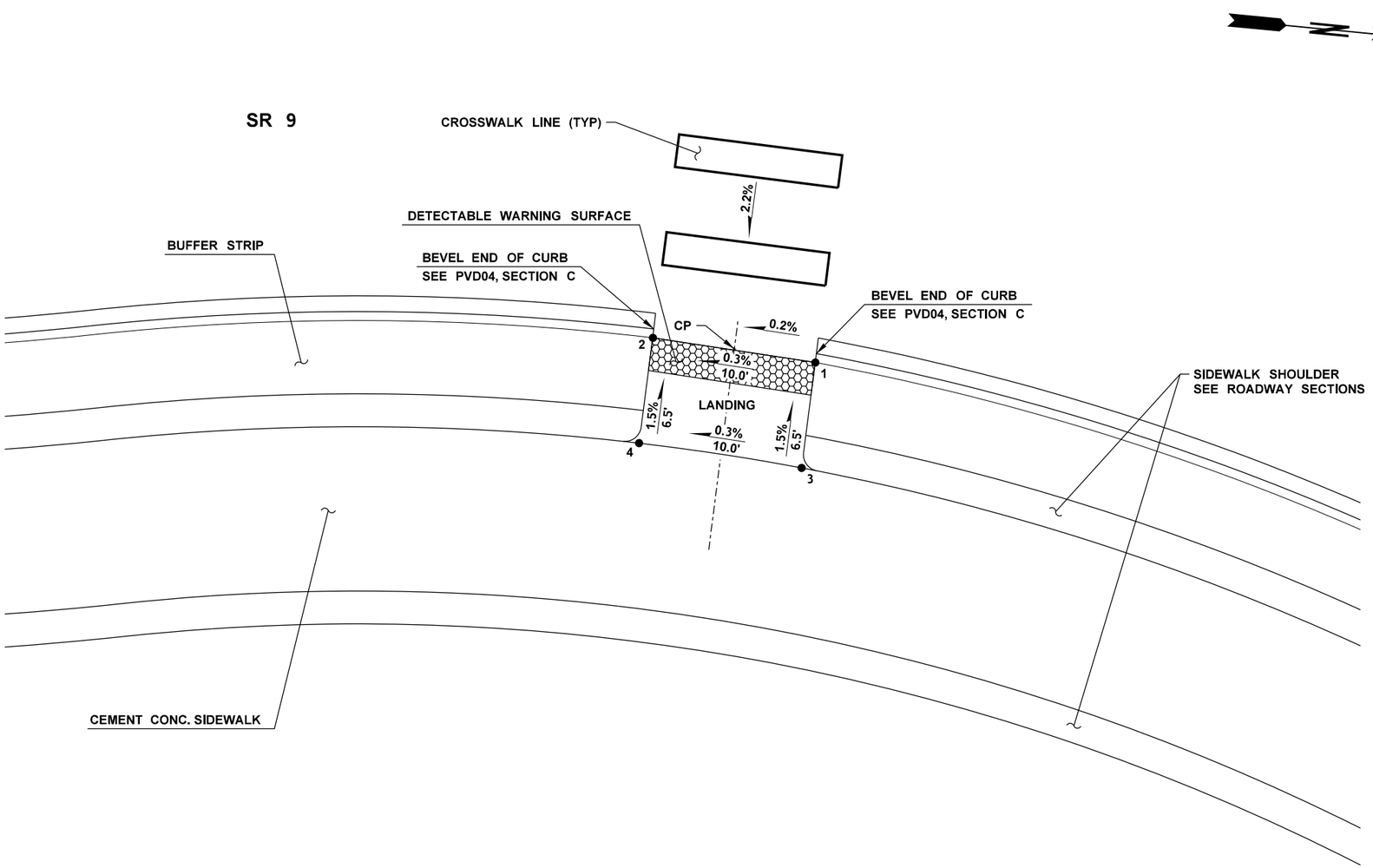
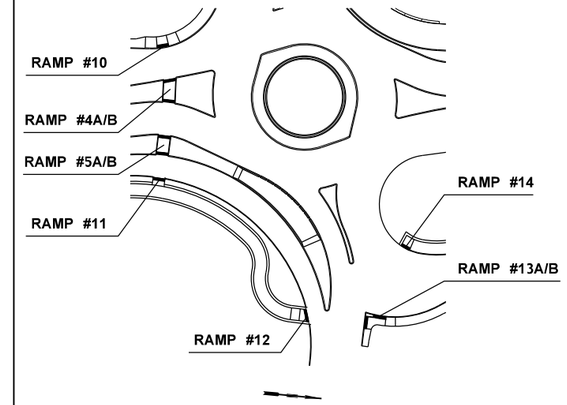
OF
SHEETS





SIDEWALK RAMP KEY MAP

COMBINATION RAMP #11	
POINT	ELEVATION
CP	346.14
1	346.16
2	346.13
3	346.26
4	346.23

DATUM

(NAVD) 88

NOTES:

1. EXCEPT WHERE SHOWN IN THE PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
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   F-30.10-04 STANDARD PLAN "CEMENT CONC. SIDEWALK"
   F-40.12-03 STANDARD PLAN "PARALLEL CURB RAMP"
   F-40.14-03 STANDARD PLAN "COMBINATION CURB RAMP"
   F-40.15-04 STANDARD PLAN "PERPENDICULAR CURB RAMP"
   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
   F-45.10-02 STANDARD PLAN "DETECTABLE WARNING SURFACE"

3. SEE SIGNAL AND ILLUMINATION PLANS AND SIGNING PLANS FOR ADDITIONAL DETAILS NOT SHOWN.
4. SEE PAVING AND PAVING CONTROL PLANS FOR CONTROL POINT AND OTHER PAVING INFORMATION.
5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

COMBINATION SIDEWALK RAMP #11

SR 9 / 7TH PL NE INTERSECTION
NOT TO SCALE

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage_3_Y-11834_PS_PVD_11.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
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ENTERED BY	M. CALDWELL							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 17624 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

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Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

PLAN REF NO
PVD11

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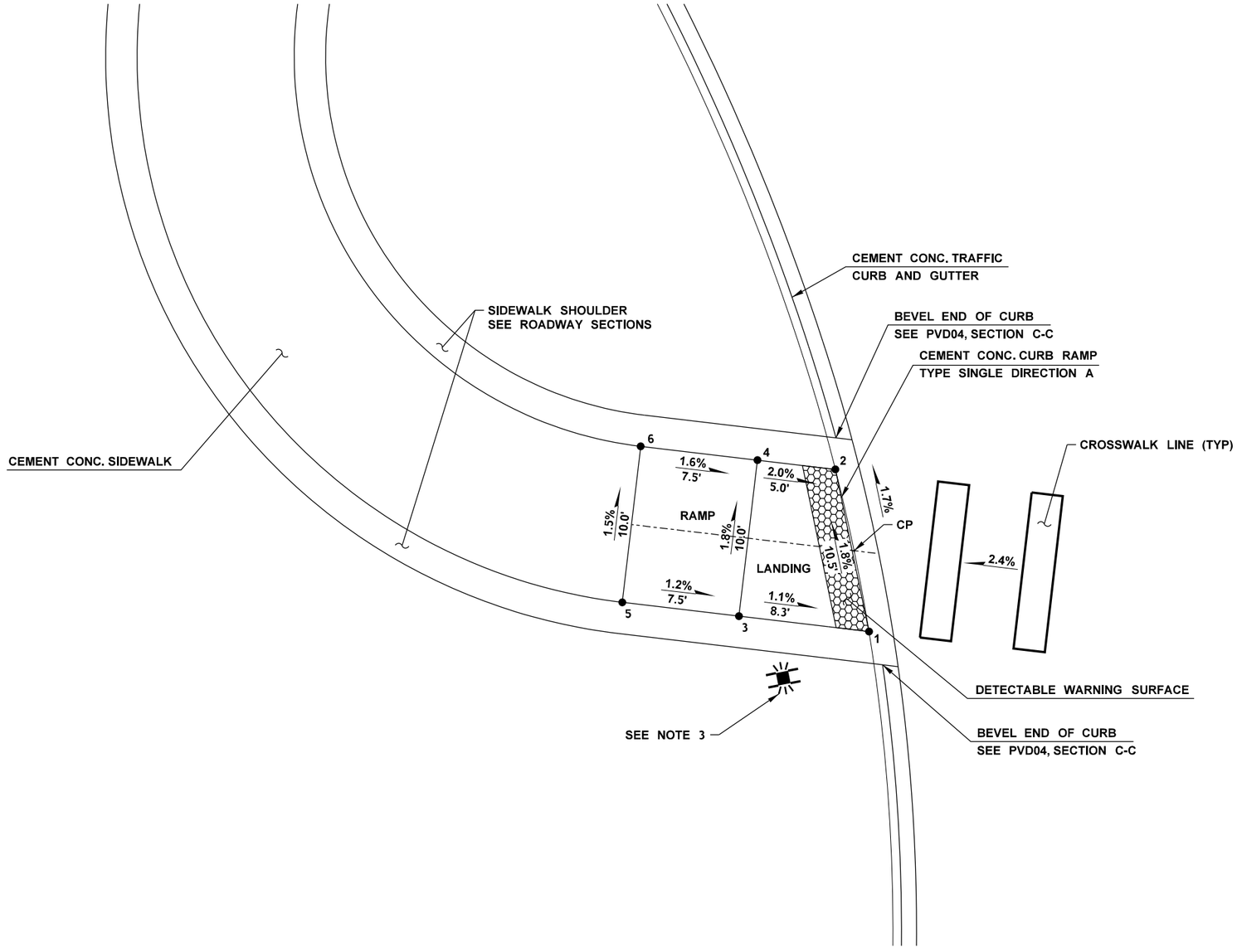
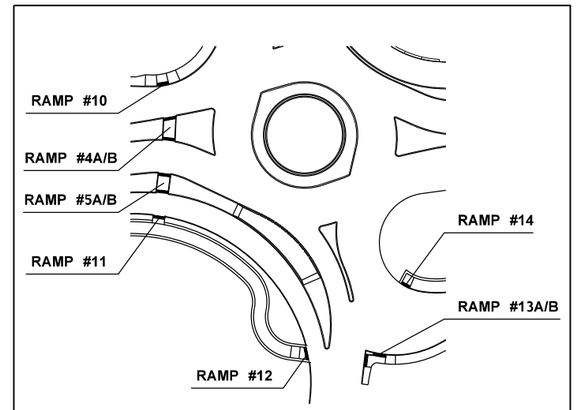
OF
SHEETS





SIDEWALK RAMP KEY MAP

DATUM

(NAVD) 88

SINGLE DIRECTION RAMP #12	
POINT	ELEVATION
CP	348.54
1	348.65
2	348.46
3	348.74
4	348.56
5	348.83
6	348.68

SINGLE DIRECTION SIDEWALK RAMP #12

7TH PL NE / VERNON ROAD INTERSECTION
NOT TO SCALE

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTES:

1. EXCEPT WHERE SHOWN IN THE PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
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   F-40.15-04 STANDARD PLAN "PERPENDICULAR CURB RAMP"
   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
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ENTERED BY	M. CALDWELL							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21624 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

PLAN REF NO
PVD12
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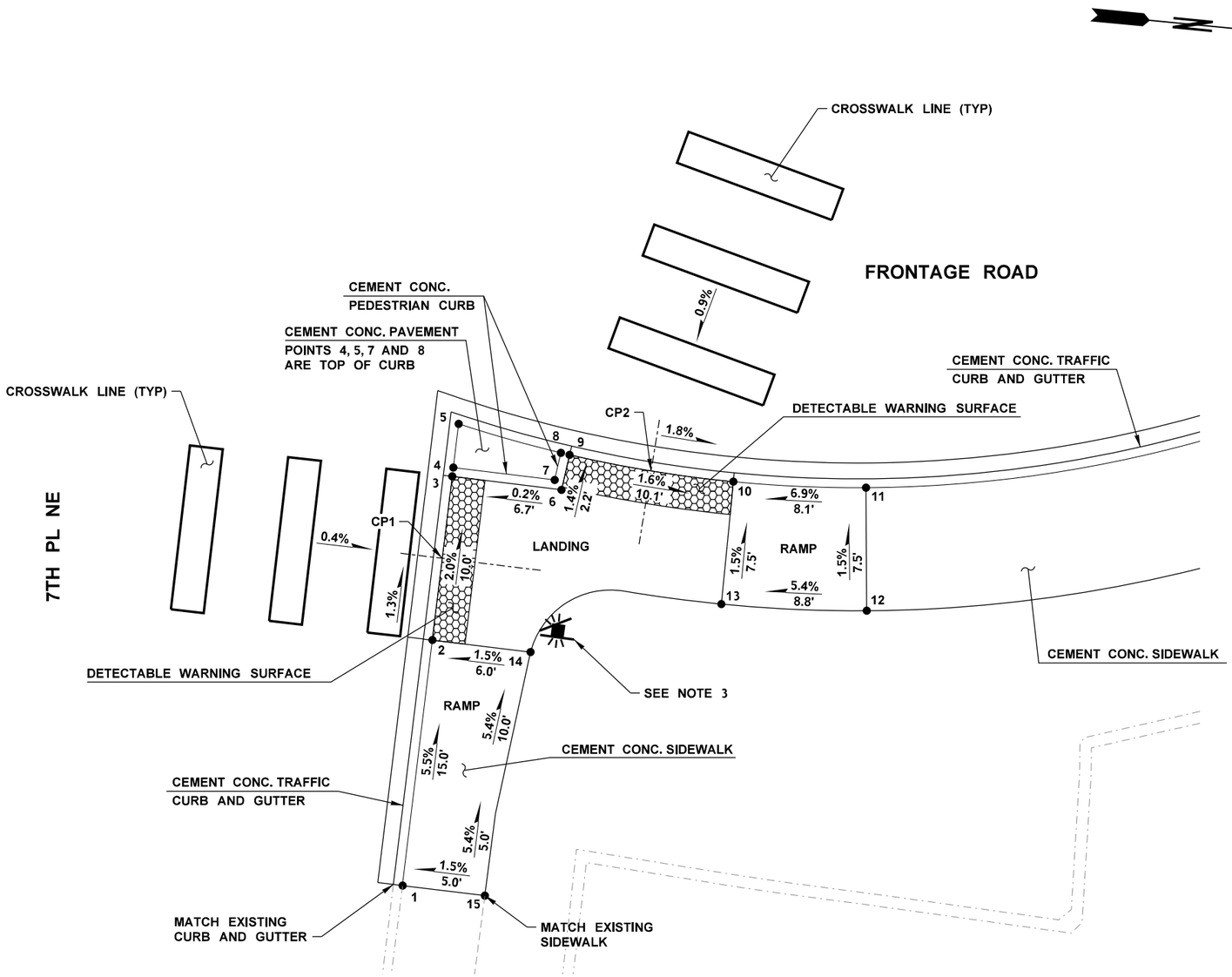
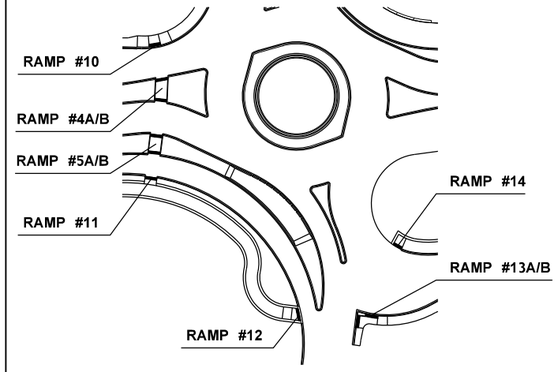


SPECIAL RAMP #13A/B	
POINT	ELEVATION
CP1	348.97
CP2	349.64
1	349.80
2	348.97
3	348.77
4	349.27
5	349.27
6	348.78
7	349.28
8	349.19
9	348.75
10	348.59
11	348.78
12	349.14
13	348.70
14	349.18
15	350.33



SIDEWALK RAMP KEY MAP

DATUM

(NAVD) 88

SPECIAL SIDEWALK RAMP #13A/B

7TH PL NE / VERNON ROAD INTERSECTION
NOT TO SCALE

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTES:

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   F-40.14-03 STANDARD PLAN "COMBINATION CURB RAMP"
   F-40.15-04 STANDARD PLAN "PERPENDICULAR CURB RAMP"
   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
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5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

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ENTERED BY	M. CALDWELL							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21762 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

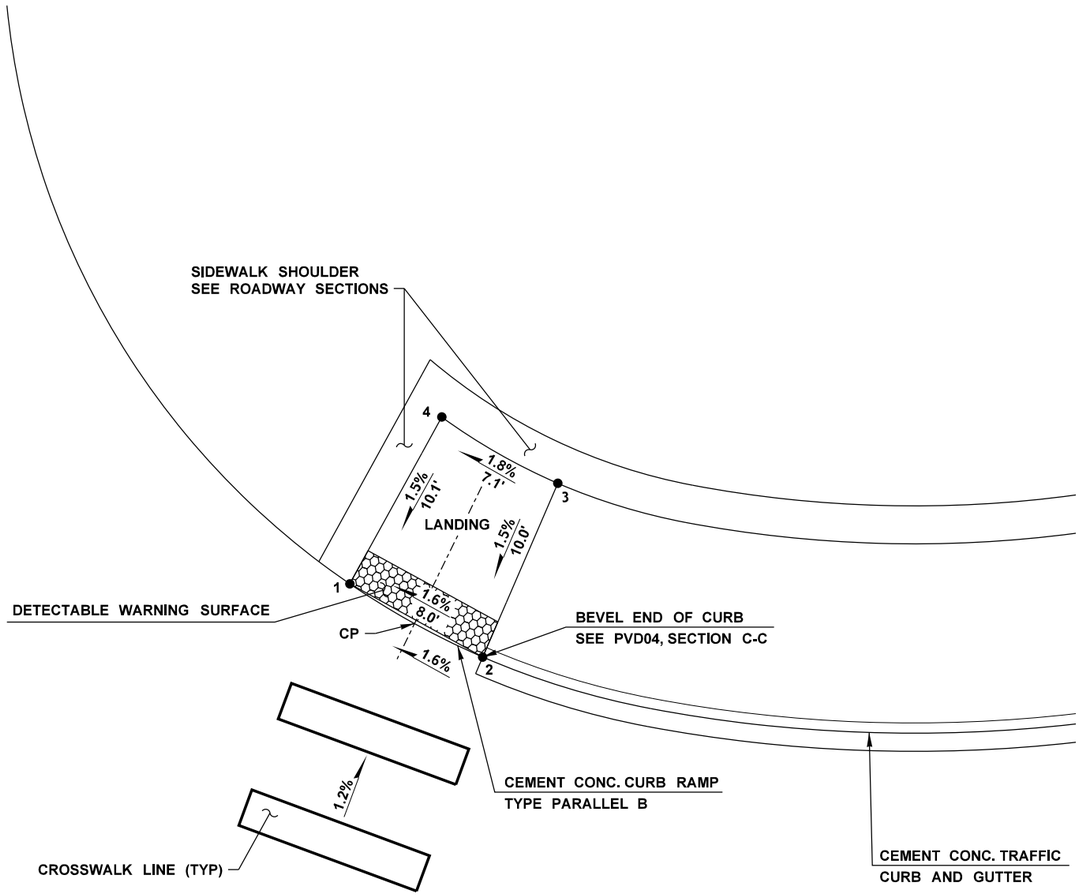
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

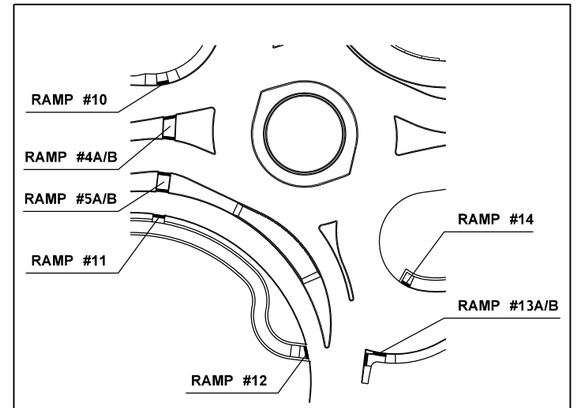
PLAN REF NO
PVD13

SHEET
OF
SHEETS

7TH PL NE



FRONTAGE ROAD



SIDEWALK RAMP KEY MAP

DATUM
(NAVD) 88

PARALLEL B RAMP #14	
POINT	ELEVATION
CP	348.37
1	348.30
2	348.43
3	348.58
4	348.45

PARALLEL B SIDEWALK RAMP #14
7TH PL NE / VERNON ROAD INTERSECTION
NOT TO SCALE

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTES:

1. EXCEPT WHERE SHOWN IN THE PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
   ALL CROSS SLOPES: 2%
   SIDEWALK RUNNING SLOPES: 5%
   LANDING RUNNING SLOPES: 2%, AND
   RAMP RUNNING SLOPE: 8.3%
2. FOR ADDITIONAL DETAILS NOT SHOWN, SEE THE FOLLOWING STANDARD PLANS:

   F-10.12-04 STANDARD PLAN "CEMENT CONC. TRAFFIC CURB"
   F-10.16-00 STANDARD PLAN "CEMENT CONC. CURB AND GUTTER"
   F-30.10-04 STANDARD PLAN "CEMENT CONC. SIDEWALK"
   F-40.12-03 STANDARD PLAN "PARALLEL CURB RAMP"
   F-40.14-03 STANDARD PLAN "COMBINATION CURB RAMP"
   F-40.15-04 STANDARD PLAN "PERPENDICULAR CURB RAMP"
   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
   F-45.10-02 STANDARD PLAN "DETECTABLE WARNING SURFACE"
3. SEE SIGNAL AND ILLUMINATION PLANS AND SIGNING PLANS FOR ADDITIONAL DETAILS NOT SHOWN.
4. SEE PAVING AND PAVING CONTROL PLANS FOR CONTROL POINT AND OTHER PAVING INFORMATION.
5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

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ENTERED BY	M. CALDWELL							
CHECKED BY	H. VENNA					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21633 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

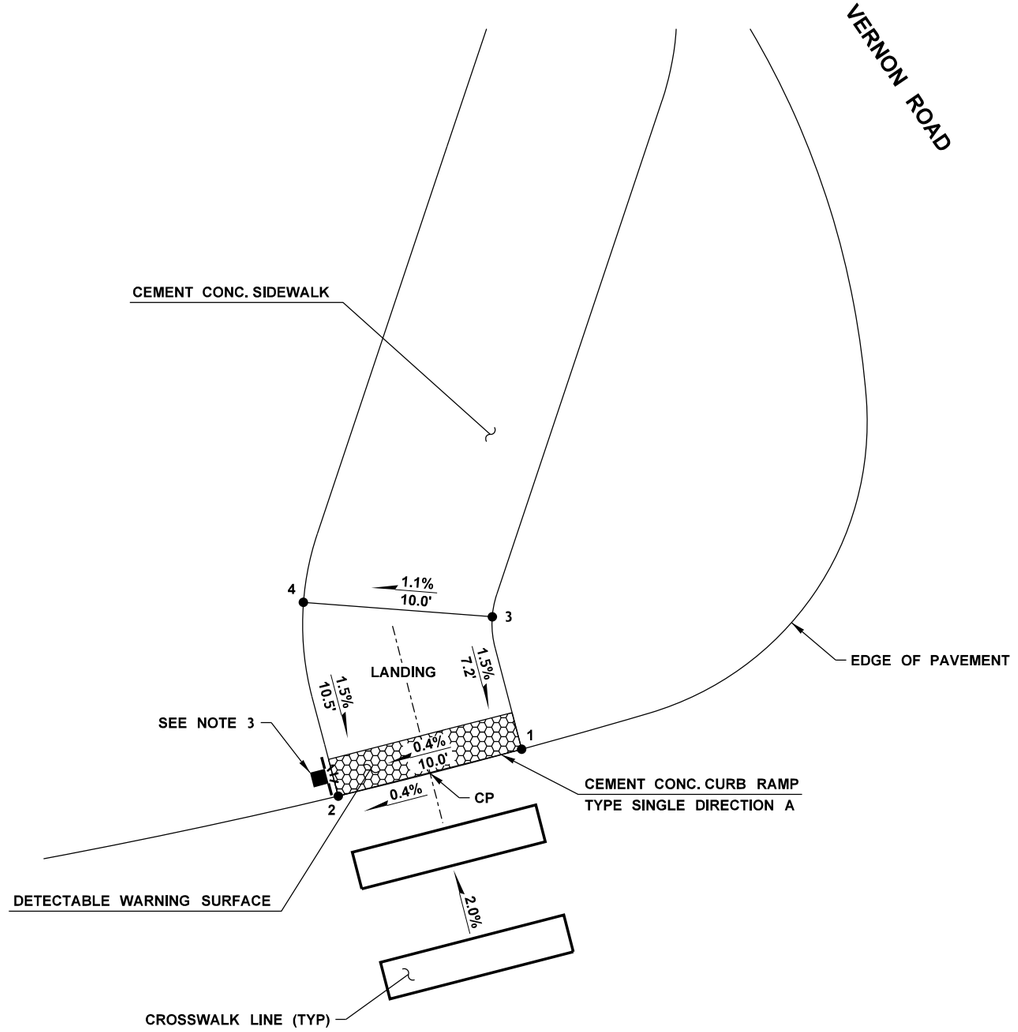
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

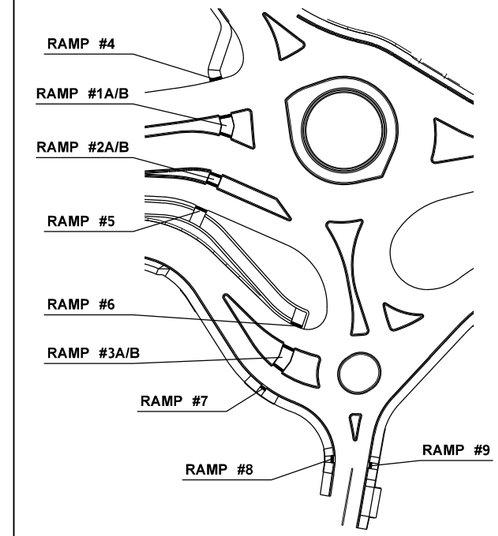
PAVING DETAILS

PLAN REF NO
PVD14

SHEET
OF
SHEETS



SR 9



SIDEWALK RAMP KEY MAP

SINGLE DIRECTION RAMP #4	
POINT	ELEVATION
CP	347.61
1	347.63
2	347.59
3	347.74
4	347.75

DATUM

(NAVD) 88

SINGLE DIRECTION SIDEWALK RAMP #4

SR 9 / VERNON - N DAVIES ROAD INTERSECTION
NOT TO SCALE

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTES:

1. EXCEPT WHERE SHOWN IN THE PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
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   SIDEWALK RUNNING SLOPES: 5%
   LANDING RUNNING SLOPES: 2%, AND
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   F-40.12-03 STANDARD PLAN "PARALLEL CURB RAMP"
   F-40.14-03 STANDARD PLAN "COMBINATION CURB RAMP"
   F-40.15-04 STANDARD PLAN "PERPENDICULAR CURB RAMP"
   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
   F-45.10-02 STANDARD PLAN "DETECTABLE WARNING SURFACE"
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5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

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DESIGNED BY	S. EAGAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	M. CALDWELL							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 47762 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

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Washington State Department of Transportation

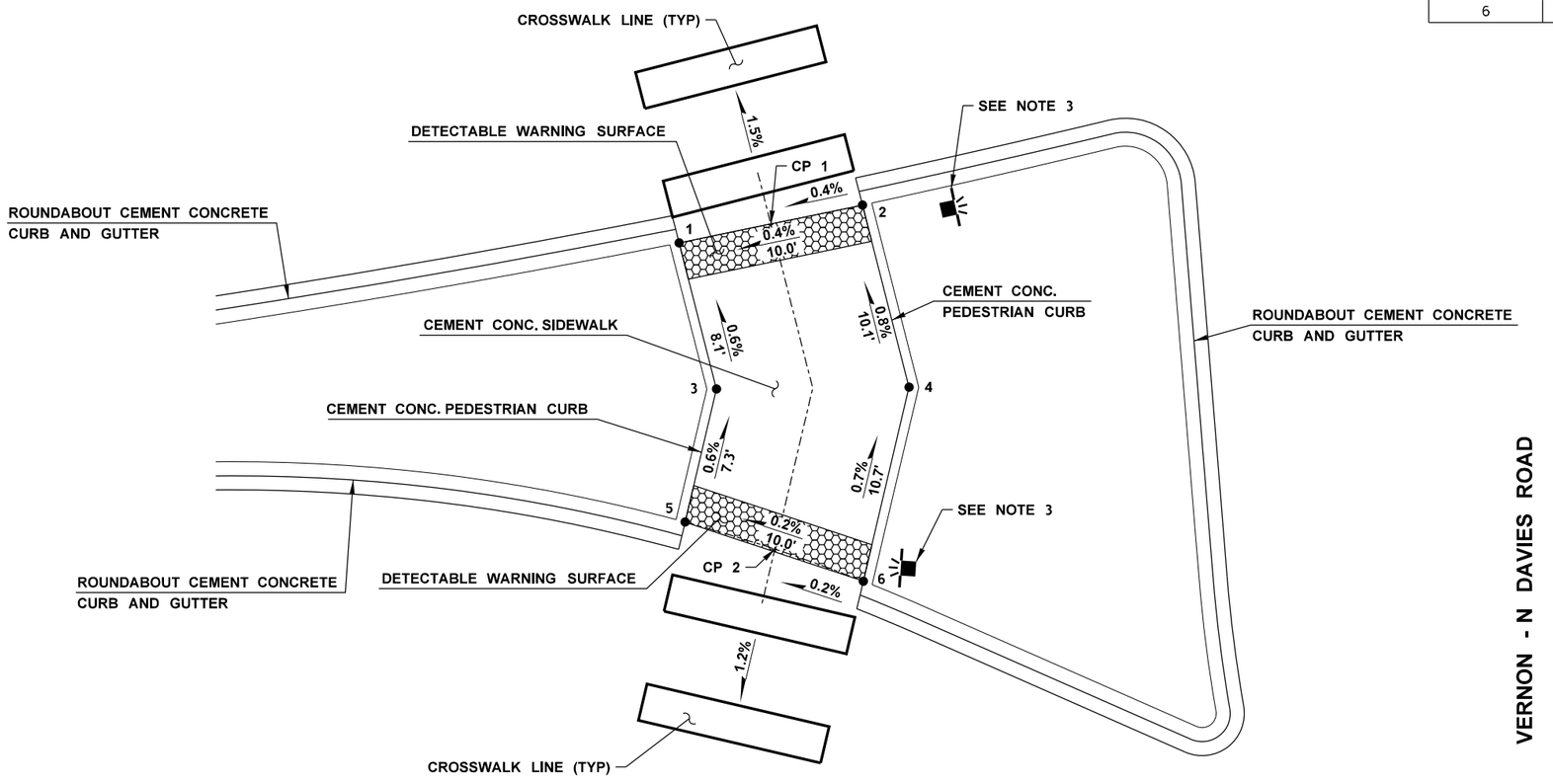
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

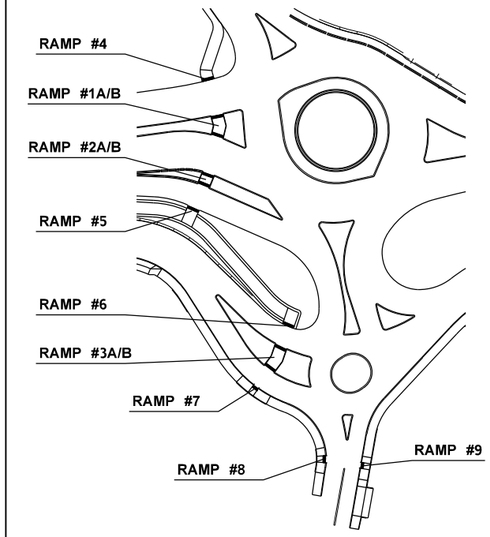
PLAN REF NO
PVD15

SHEET
OF
SHEETS

CONCRETE SIDEWALK RAMP #1A/B	
POINT	ELEVATION
CP 1	348.08
CP 2	348.20
1	348.10
2	348.06
3	248.15
4	348.14
5	348.19
6	348.21



VERNON - N DAVIES ROAD



SIDEWALK RAMP KEY MAP

DATUM

(NAVD) 88

NOTES:

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   F-40.15-04 STANDARD PLAN "PERPENDICULAR CURB RAMP"
   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
   F-45.10-02 STANDARD PLAN "DETECTABLE WARNING SURFACE"

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5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

ISLAND CUT-THROUGH CEMENT CONCRETE SIDEWALK RAMP #1A/B

SR 9 / VERNON - N DAVIES ROAD INTERSECTION
SPLITTER ISLAND F & G
NOT TO SCALE

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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ENTERED BY	M. CALDWELL					CONTRACT NO.	LOCATION NO.
CHECKED BY	H. VENNA						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY		

ZACHARY R. BROWN — STATE OF WASHINGTON — 17624 — REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX — DATE

PARSONS

Washington State Department of Transportation

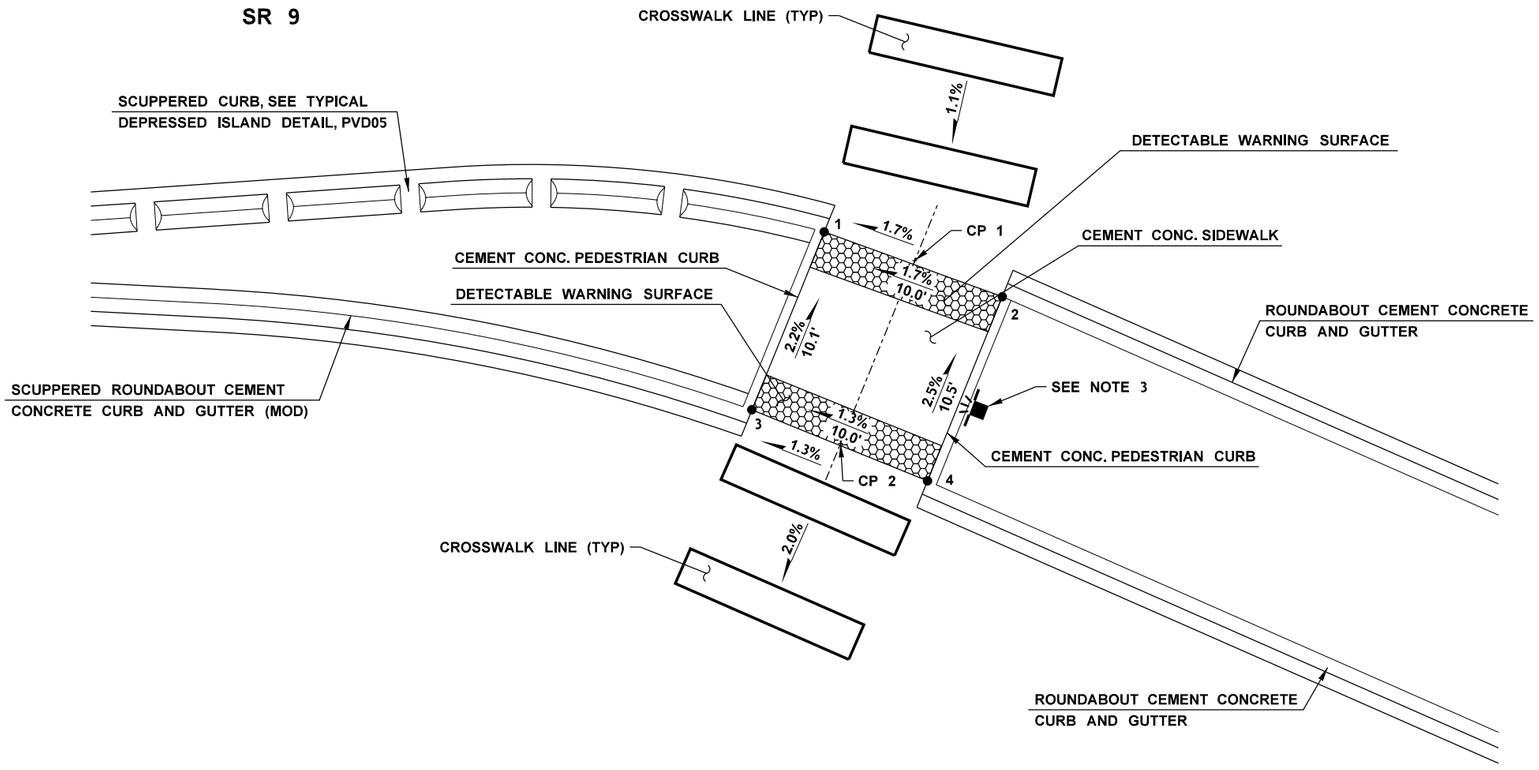
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

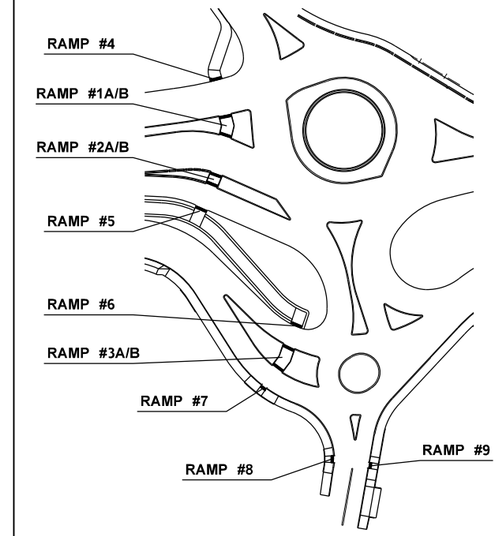
PAVING DETAILS

PLAN REF NO PVD16

SHEET OF SHEETS

CONCRETE SIDEWALK RAMP #2A/B	
POINT	ELEVATION
CP 1	347.91
CP 2	347.68
1	347.83
2	348.00
3	347.61
4	347.74





SIDEWALK RAMP KEY MAP

DATUM

(NAVD) 88

VERNON - N DAVIES ROAD

NOTES:

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   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
   F-45.10-02 STANDARD PLAN "DETECTABLE WARNING SURFACE"

3. SEE SIGNAL AND ILLUMINATION PLANS AND SIGNING PLANS FOR ADDITIONAL DETAILS NOT SHOWN.
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5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

ISLAND CUT-THROUGH CEMENT CONCRETE SIDEWALK RAMP #2A/B

SR 9 / VERNON - N DAVIES ROAD INTERSECTION
SPLITTER ISLAND J & K
NOT TO SCALE

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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ENTERED BY	M. CALDWELL							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21762 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

PLAN REF NO
PVD17
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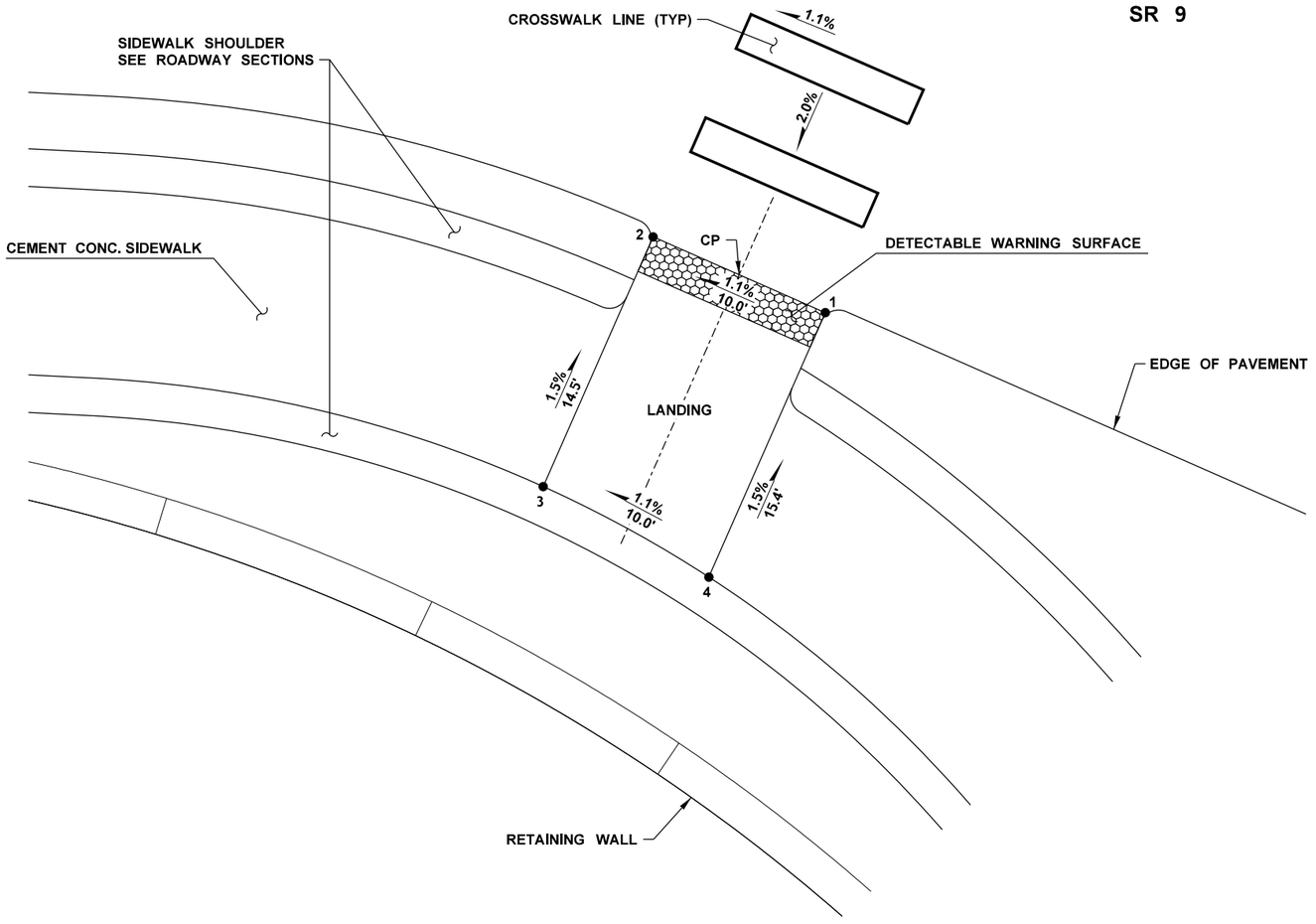
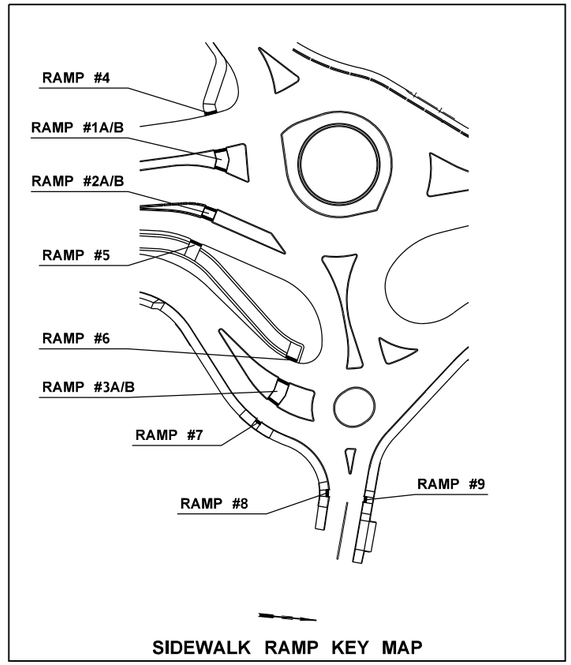
OF
SHEETS



COMBINATION RAMP #5	
POINT	ELEVATION
CP	347.27
1	347.32
2	347.21
3	347.44
4	347.55



SIDEWALK RAMP KEY MAP

DATUM

(NAVD) 88

NOTES:

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   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
   F-45.10-02 STANDARD PLAN "DETECTABLE WARNING SURFACE"

3. SEE SIGNAL AND ILLUMINATION PLANS AND SIGNING PLANS FOR ADDITIONAL DETAILS NOT SHOWN.
4. SEE PAVING AND PAVING CONTROL PLANS FOR CONTROL POINT AND OTHER PAVING INFORMATION.
5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

COMBINATION SIDEWALK RAMP #5

SR 9 / VERNON - N DAVIES ROAD INTERSECTION
NOT TO SCALE

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

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

ZACHARY R. BROWN — STATE OF WASHINGTON — 21633 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

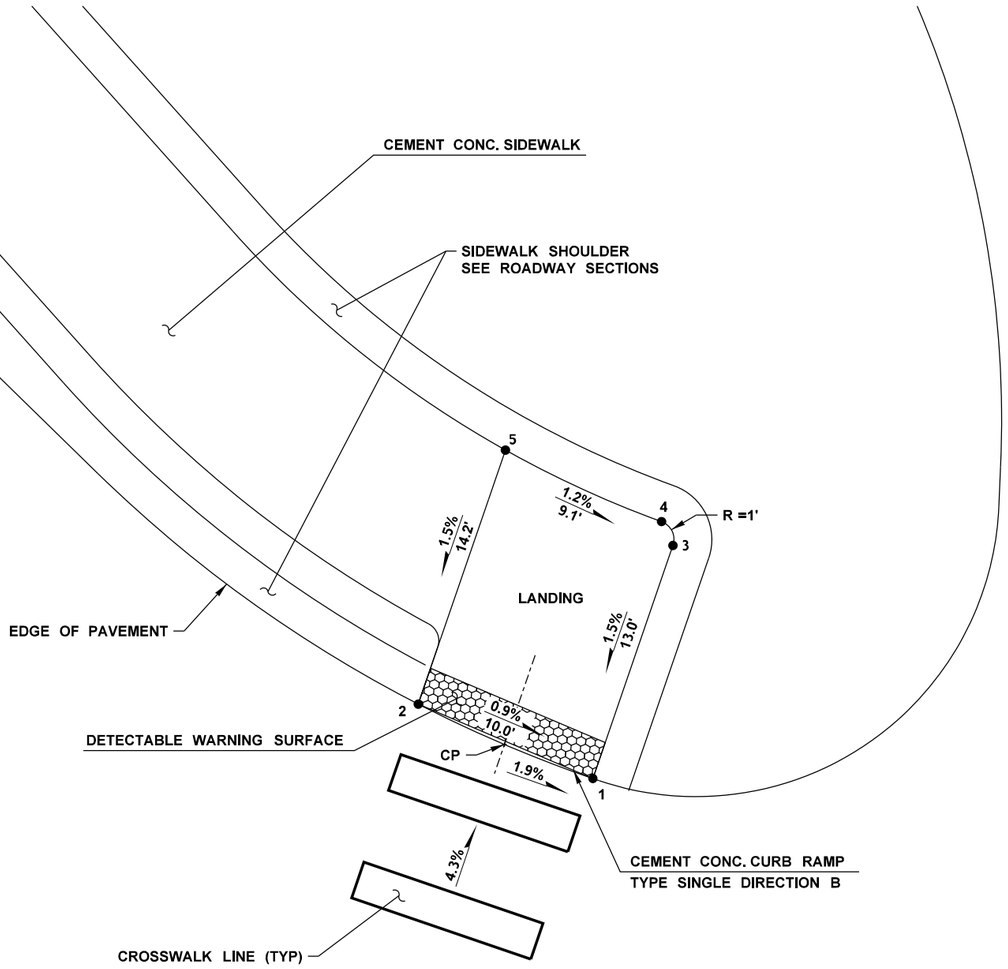
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

PLAN REF NO
PVD18

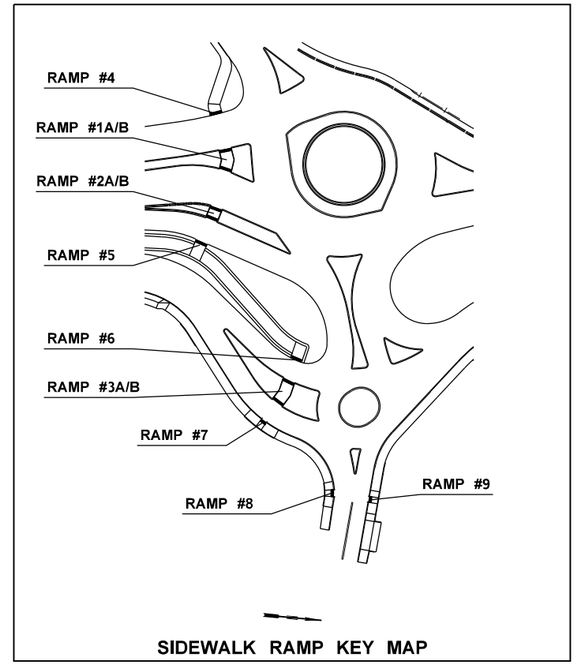
SHEET
OF
SHEETS

TYPE SINGLE DIRECTION B RAMP #6	
POINT	ELEVATION
CP	350.65
1	350.46
2	350.55
3	350.66
4	350.66
5	350.76



N DAVIES ROAD

FRONTAGE ROAD



SIDEWALK RAMP KEY MAP

DATUM

(NAVD) 88

NOTES:

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   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
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3. SEE SIGNAL AND ILLUMINATION PLANS AND SIGNING PLANS FOR ADDITIONAL DETAILS NOT SHOWN.
4. SEE PAVING AND PAVING CONTROL PLANS FOR CONTROL POINT AND OTHER PAVING INFORMATION.
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TYPE SINGLE DIRECTION B SIDEWALK RAMP #6

VERNON ROAD / VERNON - N DAVIES ROAD INTERSECTION
NOT TO SCALE

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

FILE NAME	c:\pw_working\wastate\p0024020\dms08802\Stage_3_Y-11834_PS_PVD_19.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
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ENTERED BY	M. CALDWELL							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21603 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

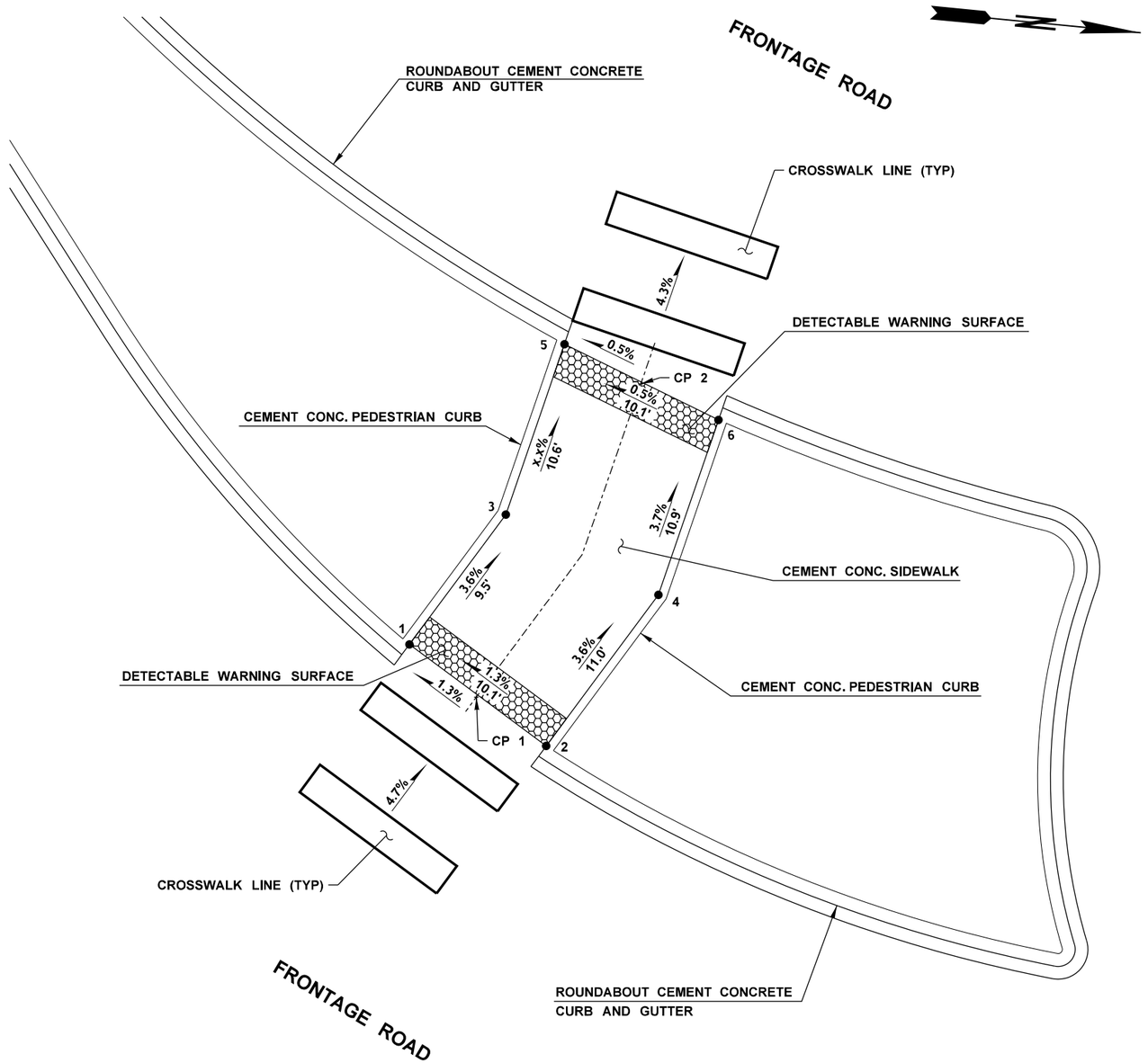
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

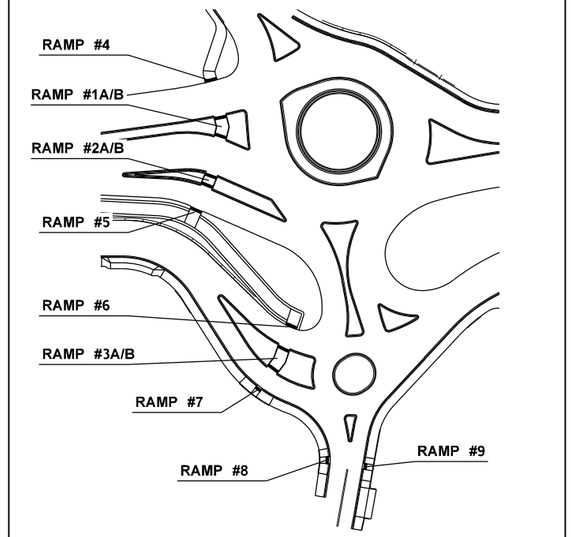
PAVING DETAILS

PLAN REF NO
PVD19

SHEET
OF
SHEETS



CONCRETE SIDEWALK RAMP #3A/B	
POINT	ELEVATION
CP 1	352.06
CP 2	351.29
1	351.99
2	352.12
3	351.65
4	351.72
5	351.27
6	351.32



SIDEWALK RAMP KEY MAP

DATUM

(NAVD) 88

ISLAND CUT-THROUGH CEMENT CONCRETE SIDEWALK RAMP #3A/B

VERNON ROAD / VERNON - N DAVIES ROAD INTERSECTION
SPLITTER ISLAND L & M
NOT TO SCALE

100% DESIGN SUBMITTAL
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   F-40.15-04 STANDARD PLAN "PERPENDICULAR CURB RAMP"
   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
   F-45.10-02 STANDARD PLAN "DETECTABLE WARNING SURFACE"
3. SEE SIGNAL AND ILLUMINATION PLANS AND SIGNING PLANS FOR ADDITIONAL DETAILS NOT SHOWN.
4. SEE PAVING AND PAVING CONTROL PLANS FOR CONTROL POINT AND OTHER PAVING INFORMATION.
5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

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DATE	4/30/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	S. EAGAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	M. CALDWELL							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21762 — REGISTERED PROFESSIONAL ENGINEER

DATE

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SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

PLAN REF NO
PVD20

SHEET
OF
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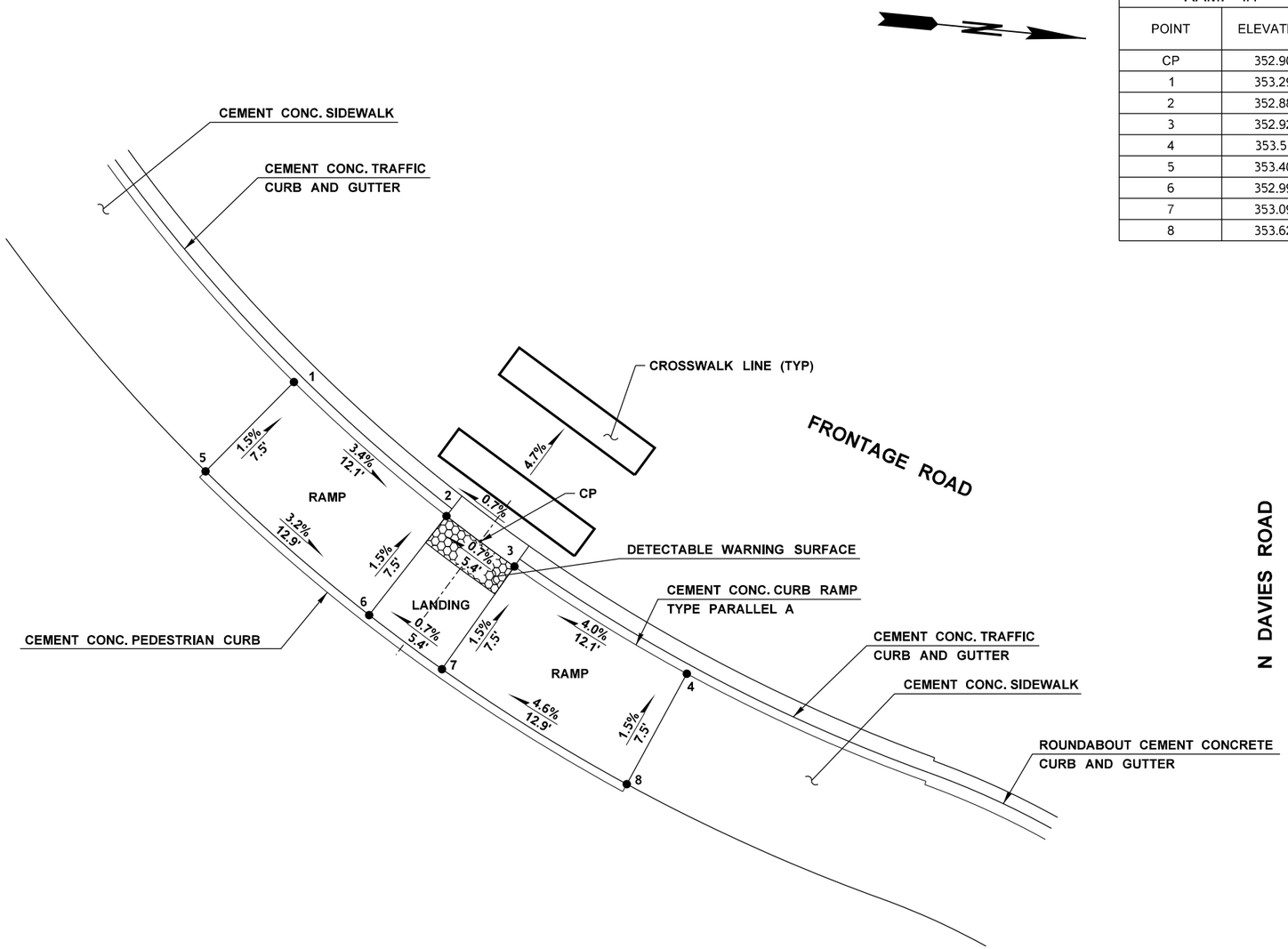
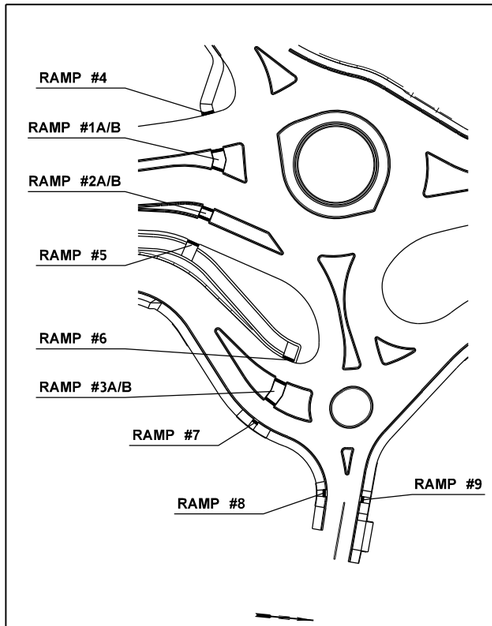


TYPE PARALLEL A RAMP #7	
POINT	ELEVATION
CP	352.90
1	353.29
2	352.88
3	352.92
4	353.51
5	353.40
6	352.99
7	353.09
8	353.62



SIDEWALK RAMP KEY MAP

DATUM

(NAVD) 88

NOTES:

1. EXCEPT WHERE SHOWN IN THE PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
   ALL CROSS SLOPES: 2%
   SIDEWALK RUNNING SLOPES: 5%
   LANDING RUNNING SLOPES: 2%, AND
   RAMP RUNNING SLOPE: 8.3%
2. FOR ADDITIONAL DETAILS NOT SHOWN, SEE THE FOLLOWING STANDARD PLANS:

   F-10.12-04 STANDARD PLAN "CEMENT CONC. TRAFFIC CURB"
   F-10.16-00 STANDARD PLAN "CEMENT CONC. CURB AND GUTTER"
   F-30.10-04 STANDARD PLAN "CEMENT CONC. SIDEWALK"
   F-40.12-03 STANDARD PLAN "PARALLEL CURB RAMP"
   F-40.14-03 STANDARD PLAN "COMBINATION CURB RAMP"
   F-40.15-04 STANDARD PLAN "PERPENDICULAR CURB RAMP"
   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
   F-45.10-02 STANDARD PLAN "DETECTABLE WARNING SURFACE"

3. SEE SIGNAL AND ILLUMINATION PLANS AND SIGNING PLANS FOR ADDITIONAL DETAILS NOT SHOWN.
4. SEE PAVING AND PAVING CONTROL PLANS FOR CONTROL POINT AND OTHER PAVING INFORMATION.
5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

TYPE PARALLEL A SIDEWALK RAMP #7

VERNON ROAD / VERNON - N DAVIES ROAD INTERSECTION
NOT TO SCALE

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage 3_Y-11834_PS_PVD_21.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
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DESIGNED BY	S. EAGAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	M. CALDWELL							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 47024 — REGISTERED PROFESSIONAL ENGINEER

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SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

PLAN REF NO
PVD21

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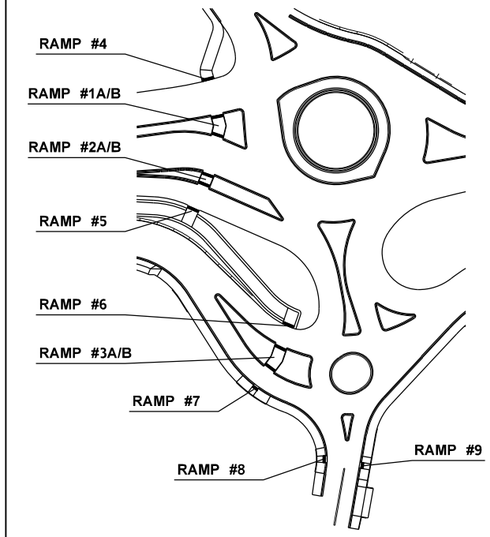
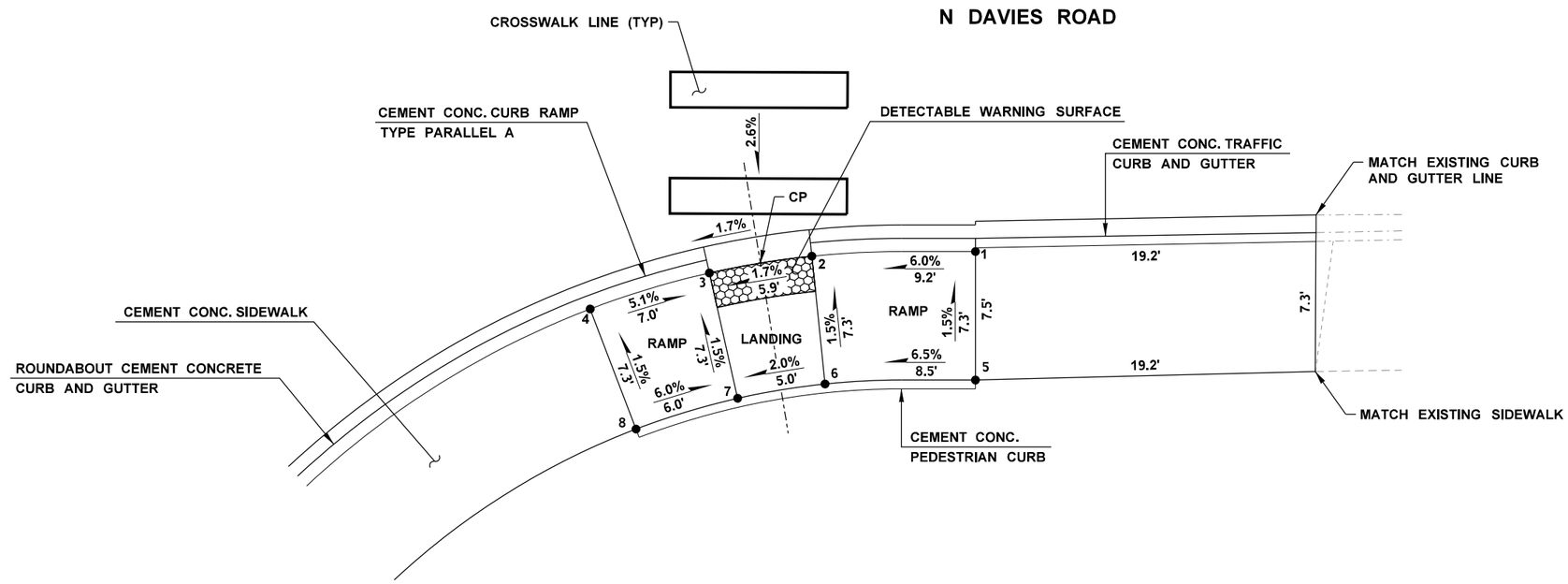
TYPE PARALLEL A RAMP #8	
POINT	ELEVATION
CP	354.39
1	354.99
2	354.44
3	354.34
4	354.70
5	355.10
6	354.55
7	354.45
8	354.81



SIDEWALK RAMP KEY MAP



(NAVD) 88

NOTES:

1. EXCEPT WHERE SHOWN IN THE PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
   ALL CROSS SLOPES: 2%
   SIDEWALK RUNNING SLOPES: 5%
   LANDING RUNNING SLOPES: 2%, AND
   RAMP RUNNING SLOPE: 8.3%
2. FOR ADDITIONAL DETAILS NOT SHOWN, SEE THE FOLLOWING STANDARD PLANS:

   F-10.12-04 STANDARD PLAN "CEMENT CONC. TRAFFIC CURB"
   F-10.16-00 STANDARD PLAN "CEMENT CONC. CURB AND GUTTER"
   F-30.10-04 STANDARD PLAN "CEMENT CONC. SIDEWALK"
   F-40.12-03 STANDARD PLAN "PARALLEL CURB RAMP"
   F-40.14-03 STANDARD PLAN "COMBINATION CURB RAMP"
   F-40.15-04 STANDARD PLAN "PERPENDICULAR CURB RAMP"
   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
   F-45.10-02 STANDARD PLAN "DETECTABLE WARNING SURFACE"

3. SEE SIGNAL AND ILLUMINATION PLANS AND SIGNING PLANS FOR ADDITIONAL DETAILS NOT SHOWN.
4. SEE PAVING AND PAVING CONTROL PLANS FOR CONTROL POINT AND OTHER PAVING INFORMATION.
5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

TYPE PARALLEL A SIDEWALK RAMP #8

N DAVIES ROAD - EASTBOUND
NOT TO SCALE

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage 3_Y-11834_PS_PVD_22.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
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PLOTTED BY	p0024020							
DESIGNED BY	S. EAGAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	M. CALDWELL							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 47624 — REGISTERED PROFESSIONAL ENGINEER
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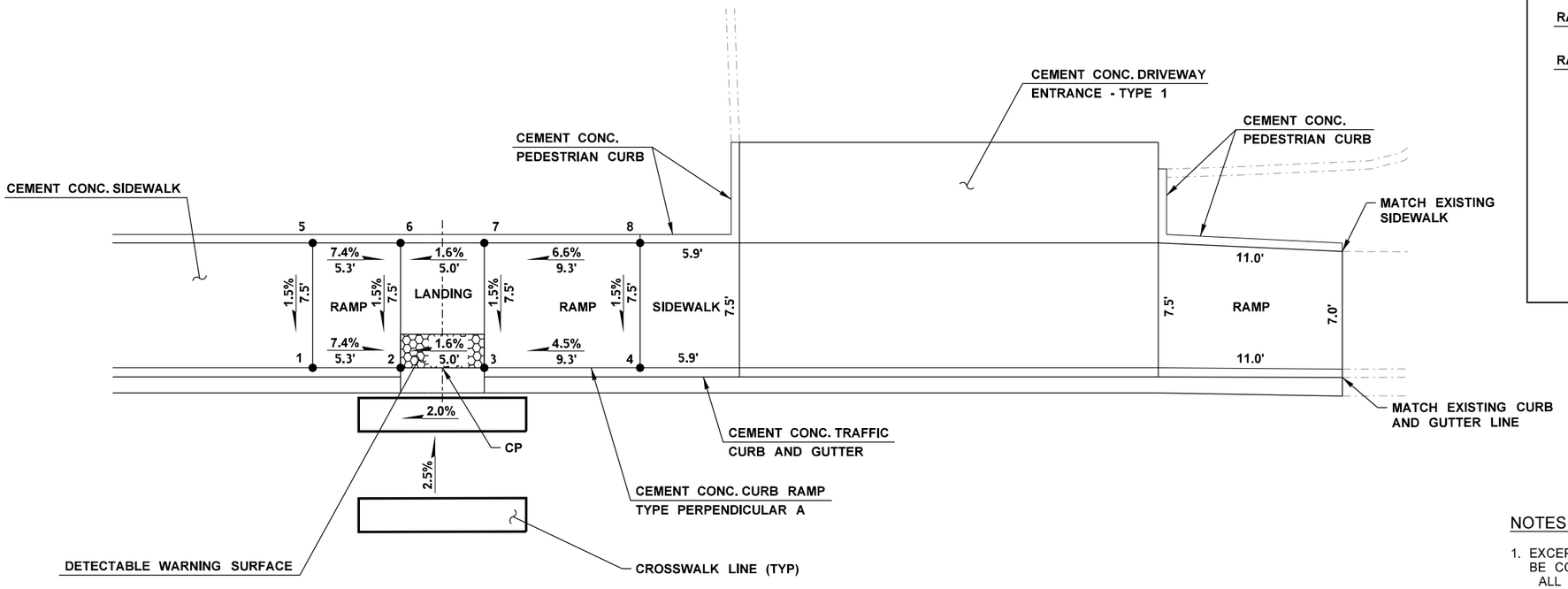
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

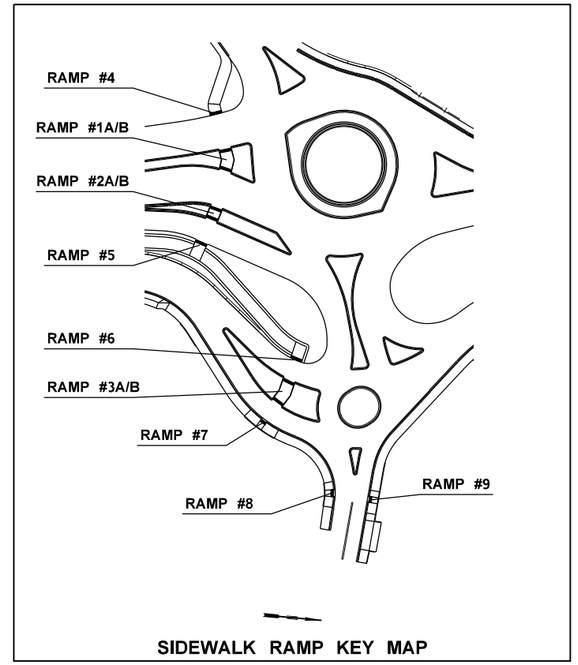
PLAN REF NO
PVD22

SHEET
OF
SHEETS

TYPE PARALLEL A RAMP #9	
POINT	ELEVATION
CP	354.58
1	354.93
2	354.54
3	354.62
4	355.23
5	355.04
6	354.65
7	354.73
8	355.34



N DAVIES ROAD



SIDEWALK RAMP KEY MAP

DATUM

(NAVD) 88

TYPE PARALLEL A SIDEWALK RAMP #9

N DAVIES ROAD - WESTBOUND SIDE
NOT TO SCALE

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

NOTES:

1. EXCEPT WHERE SHOWN IN THE PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
   ALL CROSS SLOPES: 2%
   SIDEWALK RUNNING SLOPES: 5%
   LANDING RUNNING SLOPES: 2%, AND
   RAMP RUNNING SLOPE: 8.3%
2. FOR ADDITIONAL DETAILS NOT SHOWN, SEE THE FOLLOWING STANDARD PLANS:

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   F-30.10-04 STANDARD PLAN "CEMENT CONC. SIDEWALK"
   F-40.12-03 STANDARD PLAN "PARALLEL CURB RAMP"
   F-40.14-03 STANDARD PLAN "COMBINATION CURB RAMP"
   F-40.15-04 STANDARD PLAN "PERPENDICULAR CURB RAMP"
   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
   F-45.10-02 STANDARD PLAN "DETECTABLE WARNING SURFACE"
3. SEE SIGNAL AND ILLUMINATION PLANS AND SIGNING PLANS FOR ADDITIONAL DETAILS NOT SHOWN.
4. SEE PAVING AND PAVING CONTROL PLANS FOR CONTROL POINT AND OTHER PAVING INFORMATION.
5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

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DESIGNED BY	S. EAGAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	M. CALDWELL							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21624 — REGISTERED PROFESSIONAL ENGINEER

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SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

PLAN REF NO
PVD23

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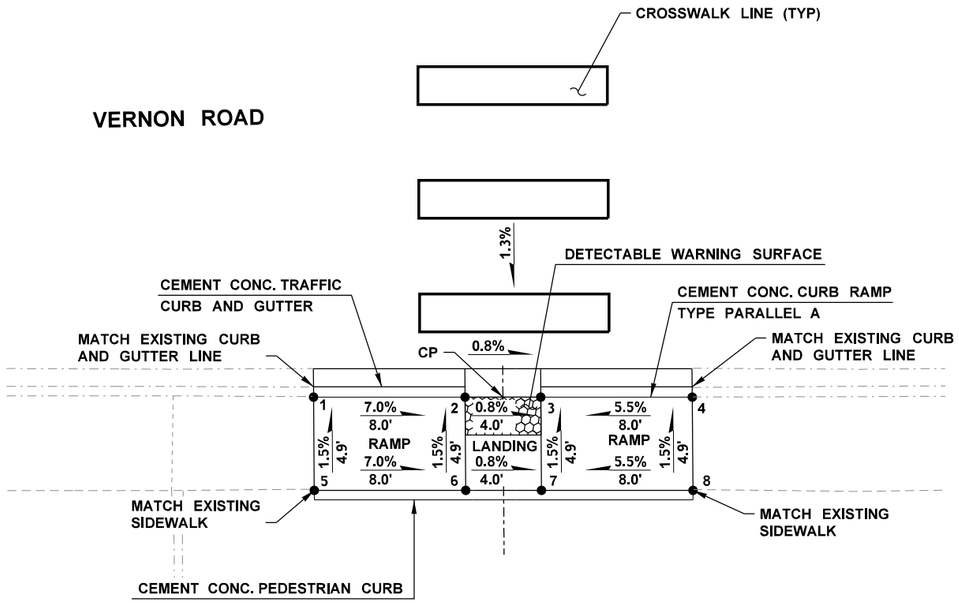
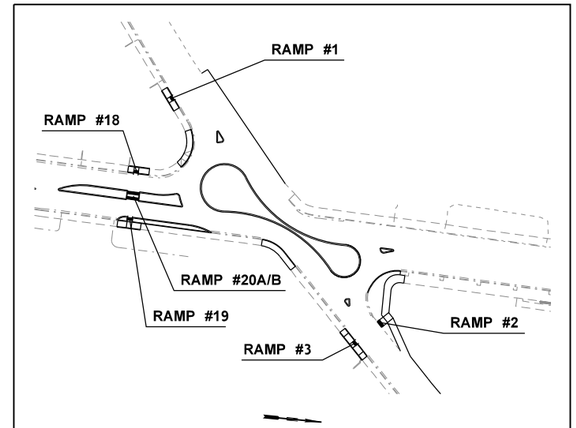


TYPE PARALLEL A SIDEWALK RAMP #1

91ST AVE NE / VERNON ROAD INTERSECTION
NOT TO SCALE



SIDEWALK RAMP KEY MAP

TYPE PARALLEL A RAMP #1	
POINT	ELEVATION
CP	344.79
1	345.36
2	344.80
3	344.77
4	345.21
5	345.43
6	344.87
7	344.84
8	345.28

DATUM
(NAVD) 88

NOTES:

1. EXCEPT WHERE SHOWN IN THE PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
   ALL CROSS SLOPES: 2%
   SIDEWALK RUNNING SLOPES: 5%
   LANDING RUNNING SLOPES: 2%, AND
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   F-10.12-04 STANDARD PLAN "CEMENT CONC. TRAFFIC CURB"
   F-10.16-00 STANDARD PLAN "CEMENT CONC. CURB AND GUTTER"
   F-30.10-04 STANDARD PLAN "CEMENT CONC. SIDEWALK"
   F-40.12-03 STANDARD PLAN "PARALLEL CURB RAMP"
   F-40.14-03 STANDARD PLAN "COMBINATION CURB RAMP"
   F-40.15-04 STANDARD PLAN "PERPENDICULAR CURB RAMP"
   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
   F-45.10-02 STANDARD PLAN "DETECTABLE WARNING SURFACE"

3. SEE SIGNAL AND ILLUMINATION PLANS AND SIGNING PLANS FOR ADDITIONAL DETAILS NOT SHOWN.
4. SEE PAVING AND PAVING CONTROL PLANS FOR CONTROL POINT AND OTHER PAVING INFORMATION.
5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage 3_Y-11834_PS_PVD_24.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
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PLOTTED BY	p0024020							
DESIGNED BY	S. EAGAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	M. CALDWELL							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

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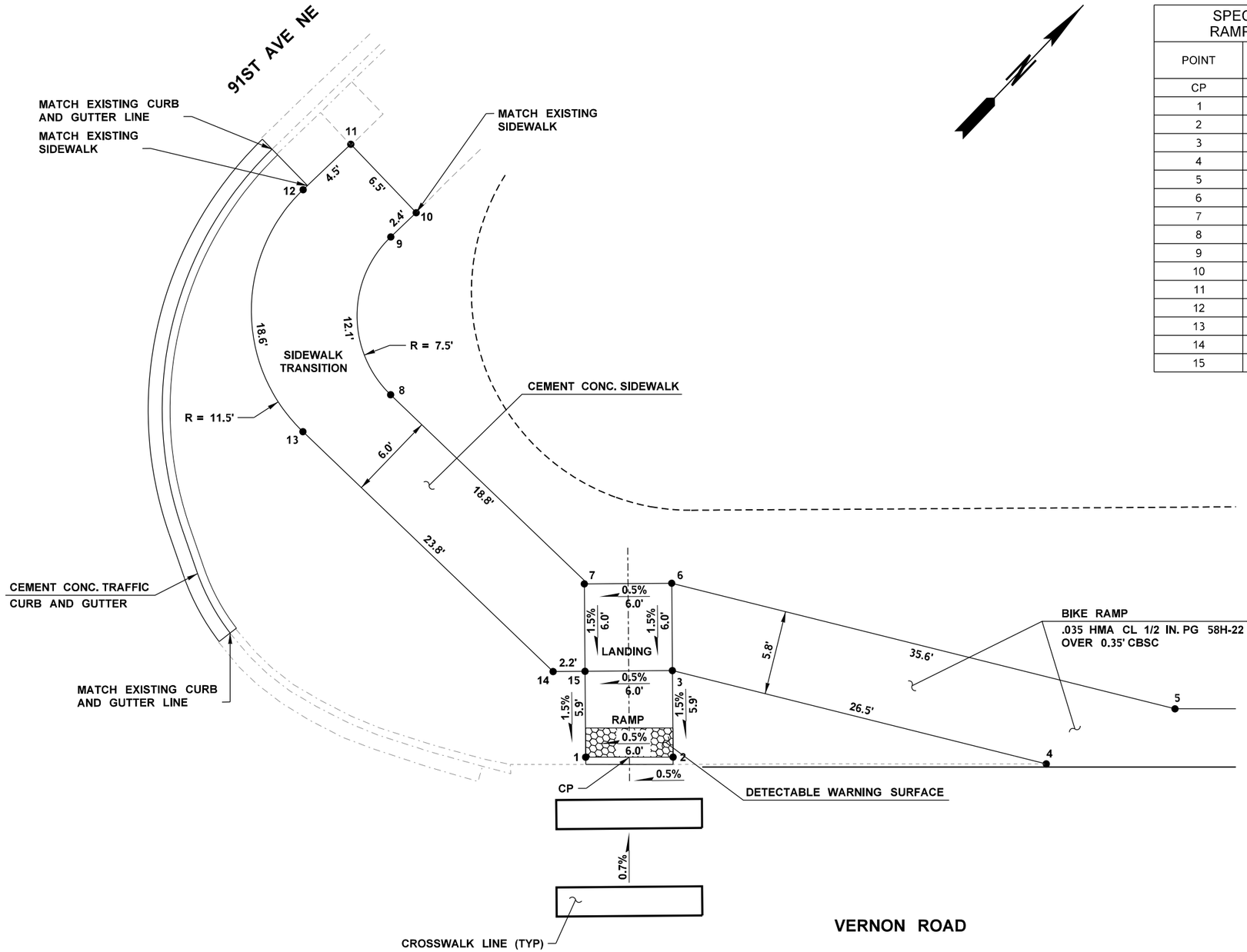
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

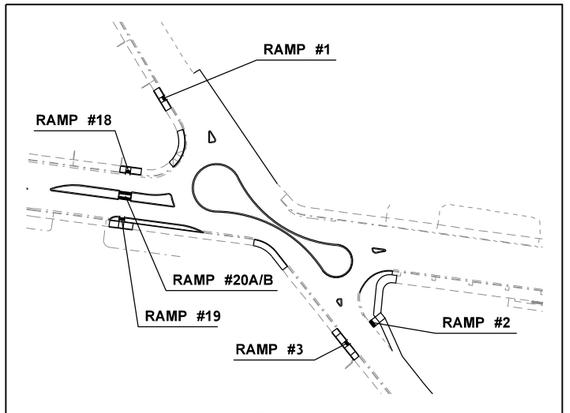
PAVING DETAILS

PLAN REF NO
PVD24

SHEET
OF
SHEETS



SPECIAL RAMP #2	
POINT	ELEVATION
CP	341.71
1	341.69
2	341.72
3	341.81
4	341.80
5	342.06
6	341.90
7	341.87
8	341.55
9	341.35
10	341.32
11	341.27
12	341.34
13	341.53
14	341.78
15	341.78



SIDEWALK RAMP KEY MAP

DATUM

(NAVD) 88

SPECIAL SIDEWALK RAMP #2

91ST AVE NE / VERNON ROAD INTERSECTION
NOT TO SCALE

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

NOTES:

1. EXCEPT WHERE SHOWN IN THE PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
   ALL CROSS SLOPES: 2%
   SIDEWALK RUNNING SLOPES: 5%
   LANDING RUNNING SLOPES: 2%, AND
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2. FOR ADDITIONAL DETAILS NOT SHOWN, SEE THE FOLLOWING STANDARD PLANS:

   F-10.12-04 STANDARD PLAN "CEMENT CONC. TRAFFIC CURB"
   F-10.16-00 STANDARD PLAN "CEMENT CONC. CURB AND GUTTER"
   F-30.10-04 STANDARD PLAN "CEMENT CONC. SIDEWALK"
   F-40.12-03 STANDARD PLAN "PARALLEL CURB RAMP"
   F-40.14-03 STANDARD PLAN "COMBINATION CURB RAMP"
   F-40.15-04 STANDARD PLAN "PERPENDICULAR CURB RAMP"
   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
   F-45.10-02 STANDARD PLAN "DETECTABLE WARNING SURFACE"
3. SEE SIGNAL AND ILLUMINATION PLANS AND SIGNING PLANS FOR ADDITIONAL DETAILS NOT SHOWN.
4. SEE PAVING AND PAVING CONTROL PLANS FOR CONTROL POINT AND OTHER PAVING INFORMATION.
5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage_3_Y-11834_PS_PVD_25.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
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DESIGNED BY	S. EAGAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	M. CALDWELL							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21624 — REGISTERED PROFESSIONAL ENGINEER

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Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

PLAN REF NO
PVD25

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OF
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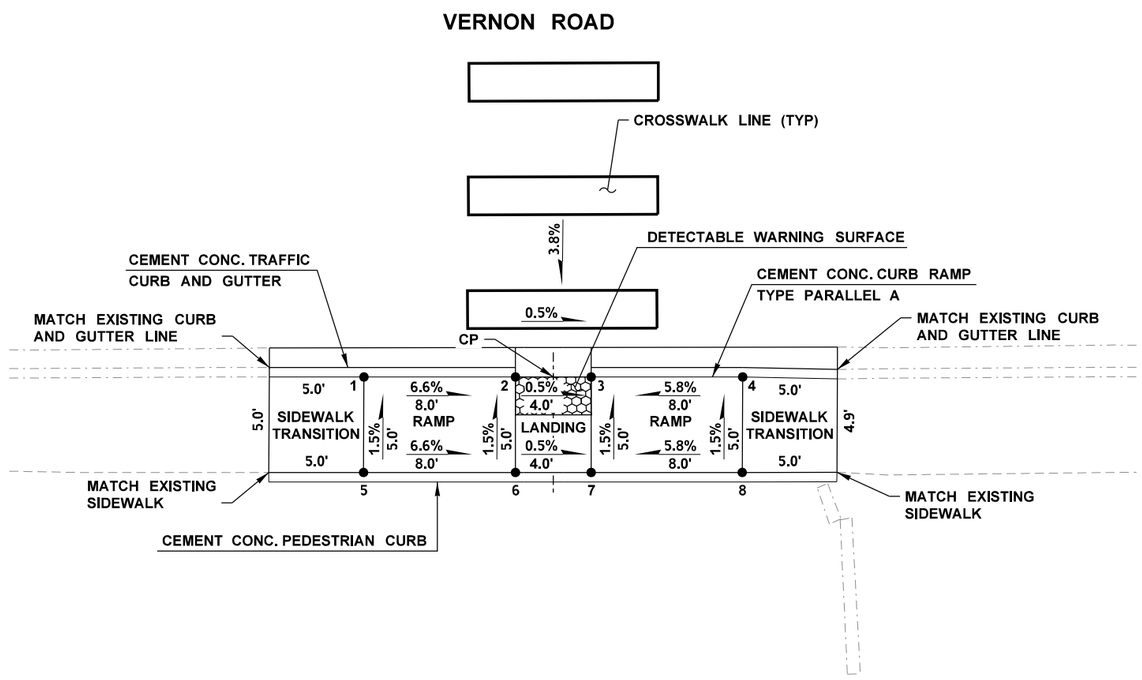

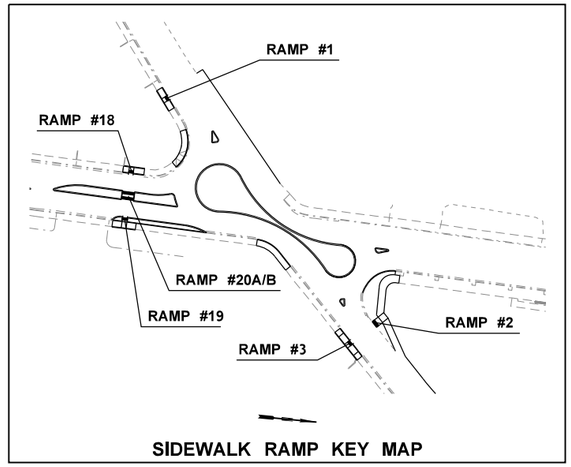

SIDEWALK RAMP KEY MAP

TYPE PARALLEL A RAMP #3	
POINT	ELEVATION
CP	342.14
1	342.68
2	342.15
3	342.13
4	342.59
5	342.76
6	342.23
7	342.21
8	342.67

DATUM
(NAVD) 88

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

TYPE PARALLEL A SIDEWALK RAMP #3

91ST AVE NE / VERNON ROAD INTERSECTION
NOT TO SCALE

NOTES:

1. EXCEPT WHERE SHOWN IN THE PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
   ALL CROSS SLOPES: 2%
   SIDEWALK RUNNING SLOPES: 5%
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   F-10.12-04 STANDARD PLAN "CEMENT CONC. TRAFFIC CURB"
   F-10.16-00 STANDARD PLAN "CEMENT CONC. CURB AND GUTTER"
   F-30.10-04 STANDARD PLAN "CEMENT CONC. SIDEWALK"
   F-40.12-03 STANDARD PLAN "PARALLEL CURB RAMP"
   F-40.14-03 STANDARD PLAN "COMBINATION CURB RAMP"
   F-40.15-04 STANDARD PLAN "PERPENDICULAR CURB RAMP"
   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
   F-45.10-02 STANDARD PLAN "DETECTABLE WARNING SURFACE"
3. SEE SIGNAL AND ILLUMINATION PLANS AND SIGNING PLANS FOR ADDITIONAL DETAILS NOT SHOWN.
4. SEE PAVING AND PAVING CONTROL PLANS FOR CONTROL POINT AND OTHER PAVING INFORMATION.
5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage 3_Y-11834_PS_PVD_26.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
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DESIGNED BY	S. EAGAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	M. CALDWELL							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21624 — REGISTERED PROFESSIONAL ENGINEER
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Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

PLAN REF NO
PVD26

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OF
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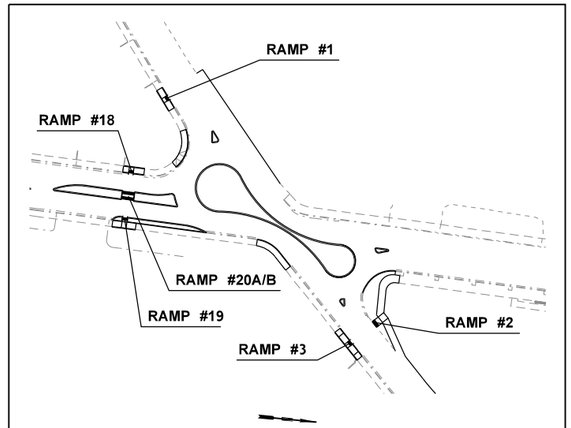
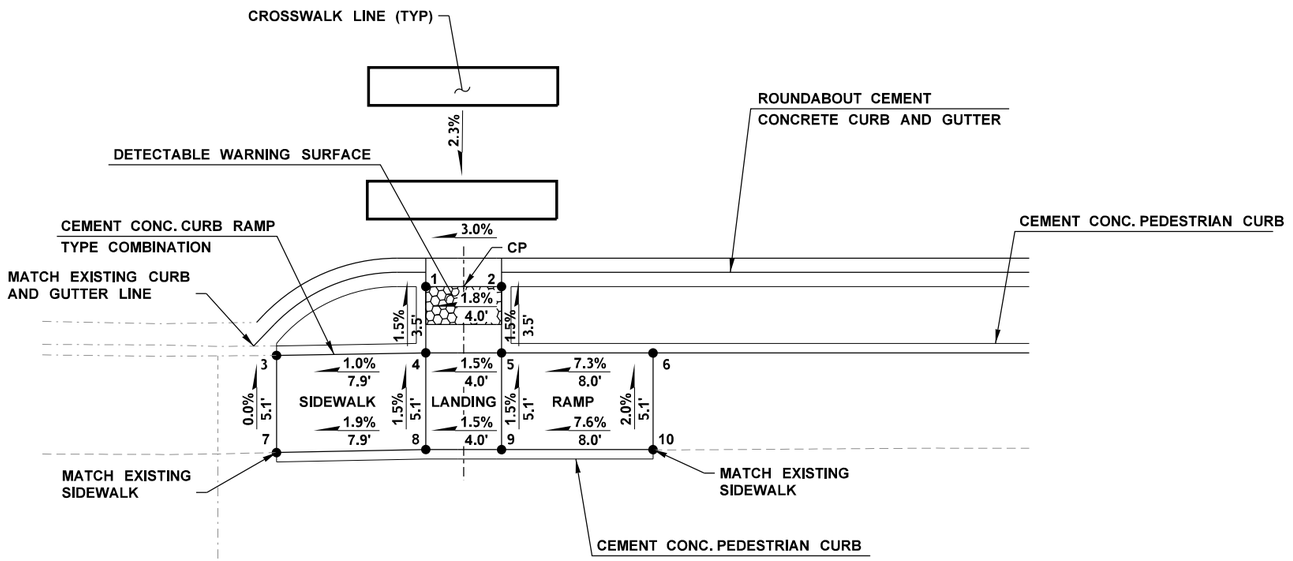


SIDEWALK RAMP KEY MAP

91ST AVE NE



TYPE COMBINATION SIDEWALK RAMP #19

91ST AVE NE / VERNON ROAD INTERSECTION
NOT TO SCALE

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

DATUM
(NAVD) 88

COMBINATION RAMP #19	
POINT	ELEVATION
CP	341.14
1	341.13
2	341.20
3	341.11
4	341.19
5	341.25
6	341.84
7	341.12
8	341.27
9	341.33
10	341.94

NOTES:

1. EXCEPT WHERE SHOWN IN THE PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
   ALL CROSS SLOPES: 2%
   SIDEWALK RUNNING SLOPES: 5%
   LANDING RUNNING SLOPES: 2%, AND
   RAMP RUNNING SLOPE: 8.3%
2. FOR ADDITIONAL DETAILS NOT SHOWN, SEE THE FOLLOWING STANDARD PLANS:

   F-10.12-04 STANDARD PLAN "CEMENT CONC. TRAFFIC CURB"
   F-10.16-00 STANDARD PLAN "CEMENT CONC. CURB AND GUTTER"
   F-30.10-04 STANDARD PLAN "CEMENT CONC. SIDEWALK"
   F-40.12-03 STANDARD PLAN "PARALLEL CURB RAMP"
   F-40.14-03 STANDARD PLAN "COMBINATION CURB RAMP"
   F-40.15-04 STANDARD PLAN "PERPENDICULAR CURB RAMP"
   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
   F-45.10-02 STANDARD PLAN "DETECTABLE WARNING SURFACE"

3. SEE SIGNAL AND ILLUMINATION PLANS AND SIGNING PLANS FOR ADDITIONAL DETAILS NOT SHOWN.
4. SEE PAVING AND PAVING CONTROL PLANS FOR CONTROL POINT AND OTHER PAVING INFORMATION.
5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

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DATE	4/30/2021							
PLOTTED BY	p0024020							
DESIGNED BY	S. EAGAN							
ENTERED BY	M. CALDWELL							
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

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

ZACHARY R. BROWN — STATE OF WASHINGTON — 21626 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

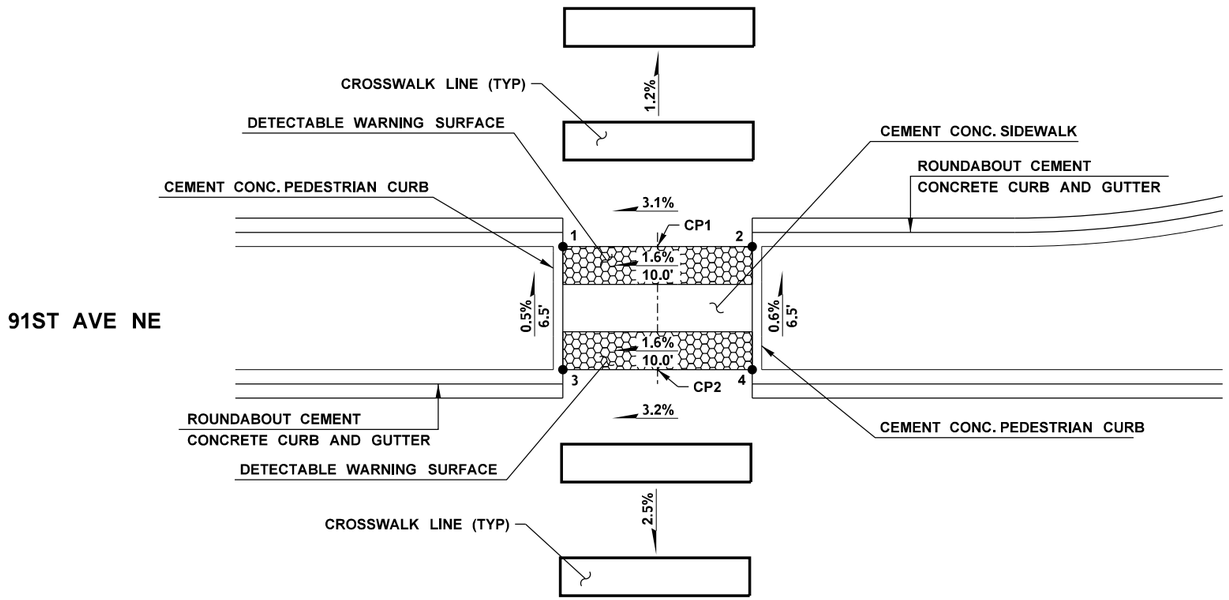
PARSONS

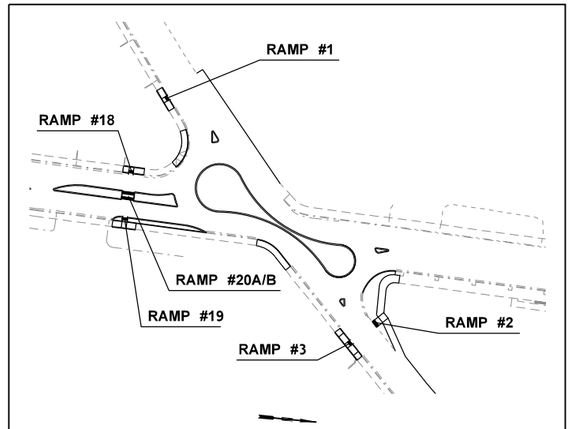
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

PLAN REF NO
PVD27
SHEET
OF
SHEETS





SIDEWALK RAMP KEY MAP

CONCRETE SIDEWALK RAMP #20A/B	
POINT	ELEVATION
CP1	341.47
CP2	341.53
1	341.42
2	341.57
3	341.45
4	341.61

DATUM

(NAVD) 88

ISLAND CUT-THROUGH CEMENT CONCRETE SIDEWALK RAMP #20A/B

91ST AVE NE / VERNON ROAD INTERSECTION
NOT TO SCALE

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTES:

1. EXCEPT WHERE SHOWN IN THE PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
   ALL CROSS SLOPES: 2%
   SIDEWALK RUNNING SLOPES: 5%
   LANDING RUNNING SLOPES: 2%, AND
   RAMP RUNNING SLOPE: 8.3%
2. FOR ADDITIONAL DETAILS NOT SHOWN, SEE THE FOLLOWING STANDARD PLANS:

   F-10.12-04 STANDARD PLAN "CEMENT CONC. TRAFFIC CURB"
   F-10.16-00 STANDARD PLAN "CEMENT CONC. CURB AND GUTTER"
   F-30.10-04 STANDARD PLAN "CEMENT CONC. SIDEWALK"
   F-40.12-03 STANDARD PLAN "PARALLEL CURB RAMP"
   F-40.14-03 STANDARD PLAN "COMBINATION CURB RAMP"
   F-40.15-04 STANDARD PLAN "PERPENDICULAR CURB RAMP"
   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
   F-45.10-02 STANDARD PLAN "DETECTABLE WARNING SURFACE"
3. SEE SIGNAL AND ILLUMINATION PLANS AND SIGNING PLANS FOR ADDITIONAL DETAILS NOT SHOWN.
4. SEE PAVING AND PAVING CONTROL PLANS FOR CONTROL POINT AND OTHER PAVING INFORMATION.
5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

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DATE	4/30/2021					10	WASH	
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DESIGNED BY	S. EAGAN							
ENTERED BY	M. CALDWELL					CONTRACT NO.		LOCATION NO.
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21627 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

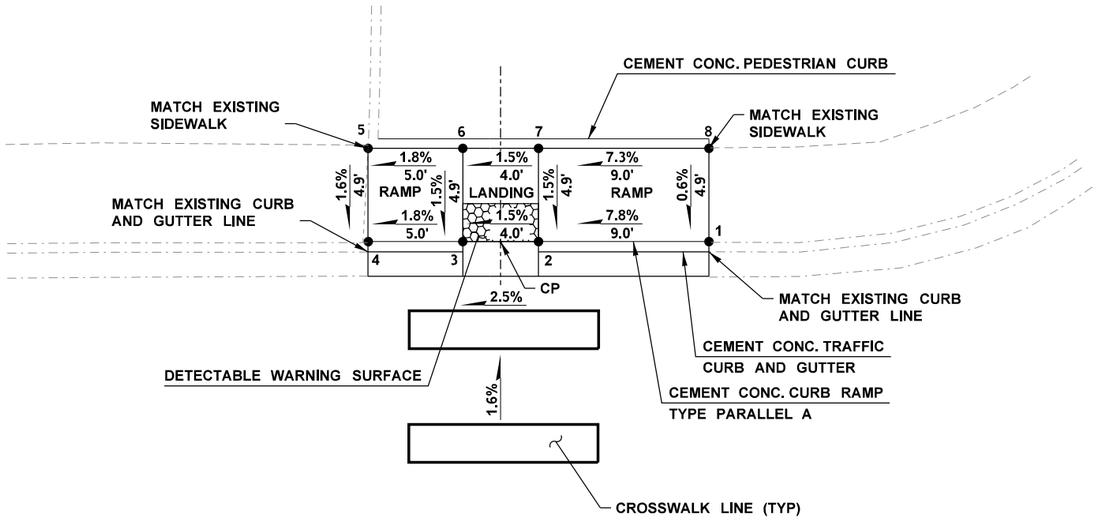
Washington State Department of Transportation

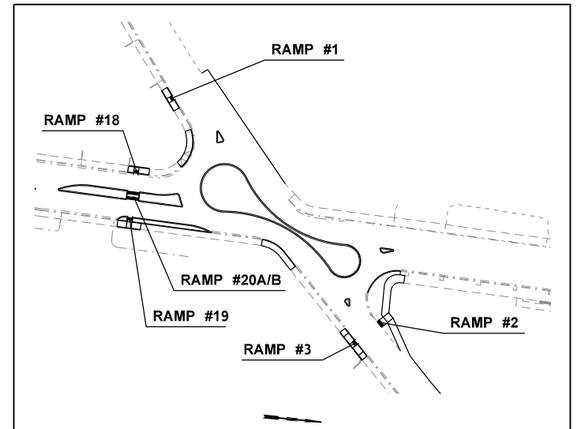
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

PLAN REF NO
PVD28

SHEET
OF
SHEETS





SIDEWALK RAMP KEY MAP

TYPE PARALLEL A RAMP #18	
POINT	ELEVATION
CP	341.28
1	342.03
2	341.33
3	341.27
4	341.18
5	341.26
6	341.35
7	341.40
8	342.06

DATUM

(NAVD) 88

91ST AVE NE

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

TYPE PARALLEL A SIDEWALK RAMP #18

91ST AVE NE / VERNON ROAD INTERSECTION
NOT TO SCALE

NOTES:

1. EXCEPT WHERE SHOWN IN THE PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
   ALL CROSS SLOPES: 2%
   SIDEWALK RUNNING SLOPES: 5%
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   F-10.12-04 STANDARD PLAN "CEMENT CONC. TRAFFIC CURB"
   F-10.16-00 STANDARD PLAN "CEMENT CONC. CURB AND GUTTER"
   F-30.10-04 STANDARD PLAN "CEMENT CONC. SIDEWALK"
   F-40.12-03 STANDARD PLAN "PARALLEL CURB RAMP"
   F-40.14-03 STANDARD PLAN "COMBINATION CURB RAMP"
   F-40.15-04 STANDARD PLAN "PERPENDICULAR CURB RAMP"
   F-40.16-03 STANDARD PLAN "SINGLE DIRECTION CURB RAMP"
   F-45.10-02 STANDARD PLAN "DETECTABLE WARNING SURFACE"

3. SEE SIGNAL AND ILLUMINATION PLANS AND SIGNING PLANS FOR ADDITIONAL DETAILS NOT SHOWN.
4. SEE PAVING AND PAVING CONTROL PLANS FOR CONTROL POINT AND OTHER PAVING INFORMATION.
5. NO CONCTROL POINT ELEVATIONS ARE AT TOP BACK OF CURB / TOP EDGE OF SIDEWALK UNLESS OTHERWISE NOTED.

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DATE	4/30/2021							
PLOTTED BY	p0024020					JOB NUMBER		
DESIGNED BY	S. EAGAN							
ENTERED BY	M. CALDWELL					CONTRACT NO.		LOCATION NO.
CHECKED BY	H. VENNA							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21629 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

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Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVING DETAILS

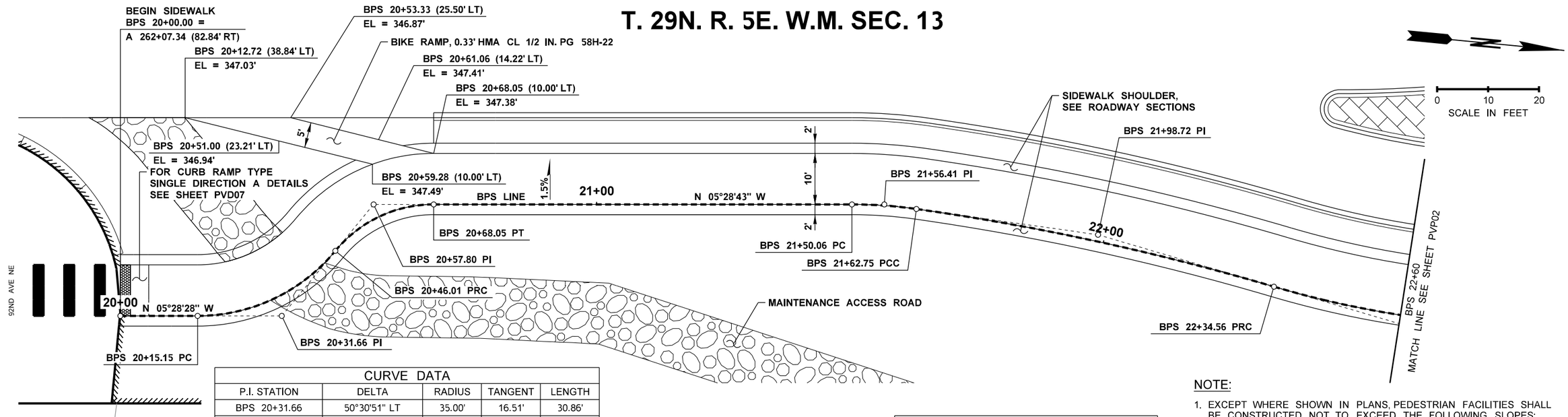
PLAN REF NO **PVD29**

SHEET

OF

SHEETS

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



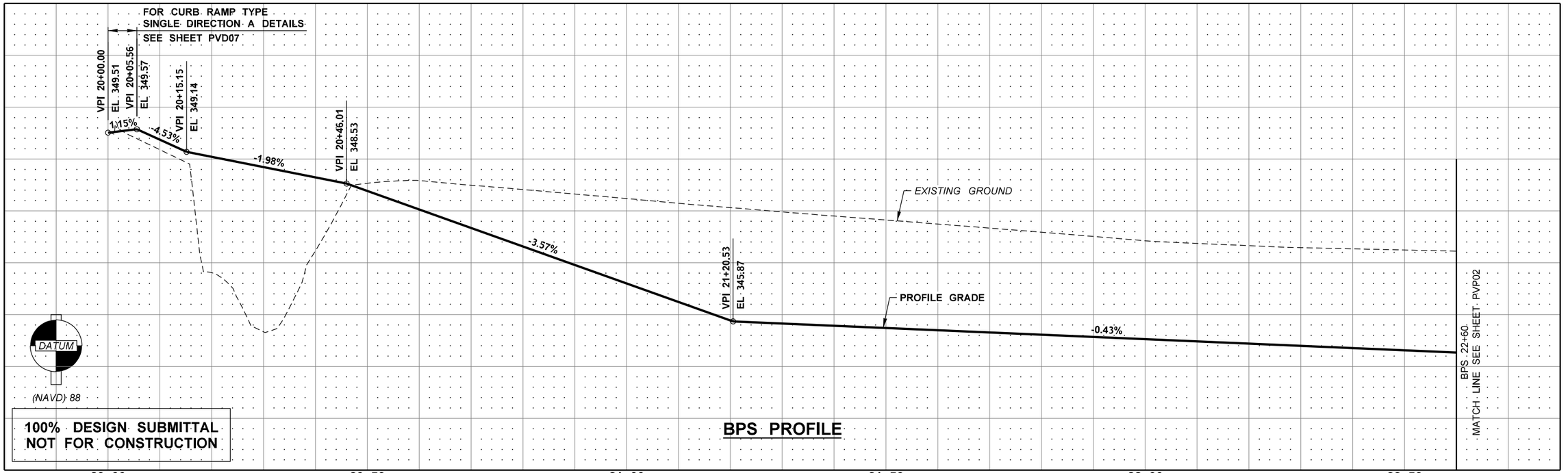
CURVE DATA				
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
BPS 20+31.66	50°30'51" LT	35.00'	16.51'	30.86'
BPS 20+57.80	50°30'36" RT	25.00'	11.79'	22.04'
BPS 21+56.41	08°04'46" RT	90.00'	6.36'	12.69'
BPS 21+98.72	08°20'46" RT	493.00'	35.97'	71.81'

BPS PLAN

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
BPS 20+00.00	696046.96	1657093.63

NOTE:

1. EXCEPT WHERE SHOWN IN PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
   ALL CROSS SLOPES: 2%
   SIDEWALK RUNNING SLOPES: 5%
   LANDING RUNNING SLOPES: 2%, AND
   RAMP RUNNING SLOPES: 8.3%



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

BPS PROFILE

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TIME	5:29:59 PM
DATE	5/2/2021
PLOTTED BY	p0024020
DESIGNED BY	Z. BROWN
ENTERED BY	K. MCWILLIAMS
CHECKED BY	R. HOWARD
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

REGION NO.	STATE
10	WASH

JOB NUMBER

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

ZACHARY R. BROWN — STATE OF WASHINGTON — 47024 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State
Department of Transportation

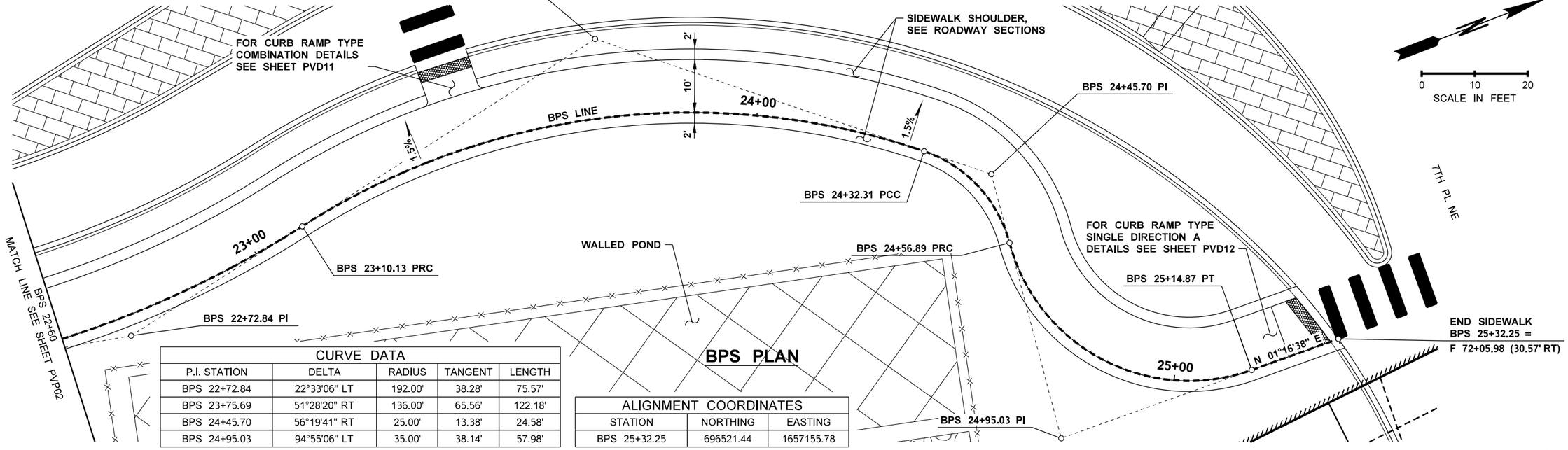
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 3)

SIDEWALK PLAN / PROFILE

PLAN REF NO
PVP01

SHEET
OF
SHEETS

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

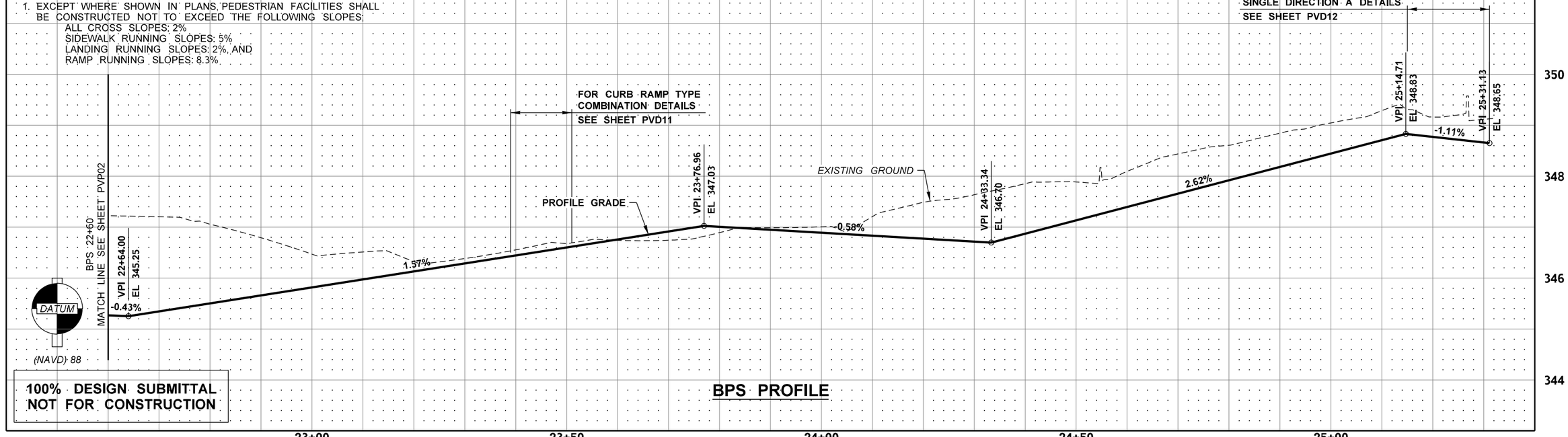


CURVE DATA				
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
BPS 22+72.84	22°33'06" LT	192.00'	38.28'	75.57'
BPS 23+75.69	51°28'20" RT	136.00'	65.56'	122.18'
BPS 24+45.70	56°19'41" RT	25.00'	13.38'	24.58'
BPS 24+95.03	94°55'06" LT	35.00'	38.14'	57.98'

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
BPS 25+32.25	696521.44	1657155.78

NOTE:

1. EXCEPT WHERE SHOWN IN PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES:
   ALL CROSS SLOPES: 2%
   SIDEWALK RUNNING SLOPES: 5%
   LANDING RUNNING SLOPES: 2%, AND
   RAMP RUNNING SLOPES: 8.3%.



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

BPS PROFILE

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TIME	5:30:19 PM					10	WASH	
DATE	5/2/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	Z. BROWN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	R. HOWARD							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

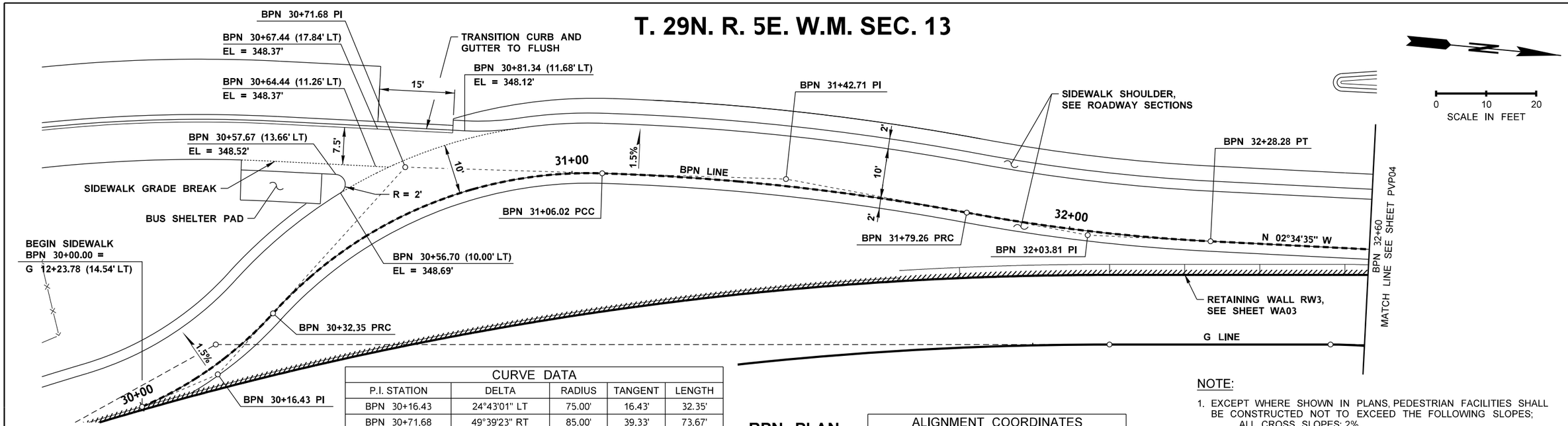
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

SIDEWALK PLAN / PROFILE

PLAN REF NO
PVP02

SHEET
OF
SHEETS

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



CURVE DATA				
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
BPN 30+16.43	24°43'01" LT	75.00'	16.43'	32.35'
BPN 30+71.68	49°39'23" RT	85.00'	39.33'	73.67'
BPN 31+42.71	08°43'28" RT	481.00'	36.69'	73.24'
BPN 32+03.81	07°36'40" LT	369.00'	24.55'	49.02'

BPN PLAN

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
BPN 30+00.00	696750.01	1657031.65

NOTE:

1. EXCEPT WHERE SHOWN IN PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
   ALL CROSS SLOPES: 2%
   SIDEWALK RUNNING SLOPES: 5%
   LANDING RUNNING SLOPES: 2%, AND
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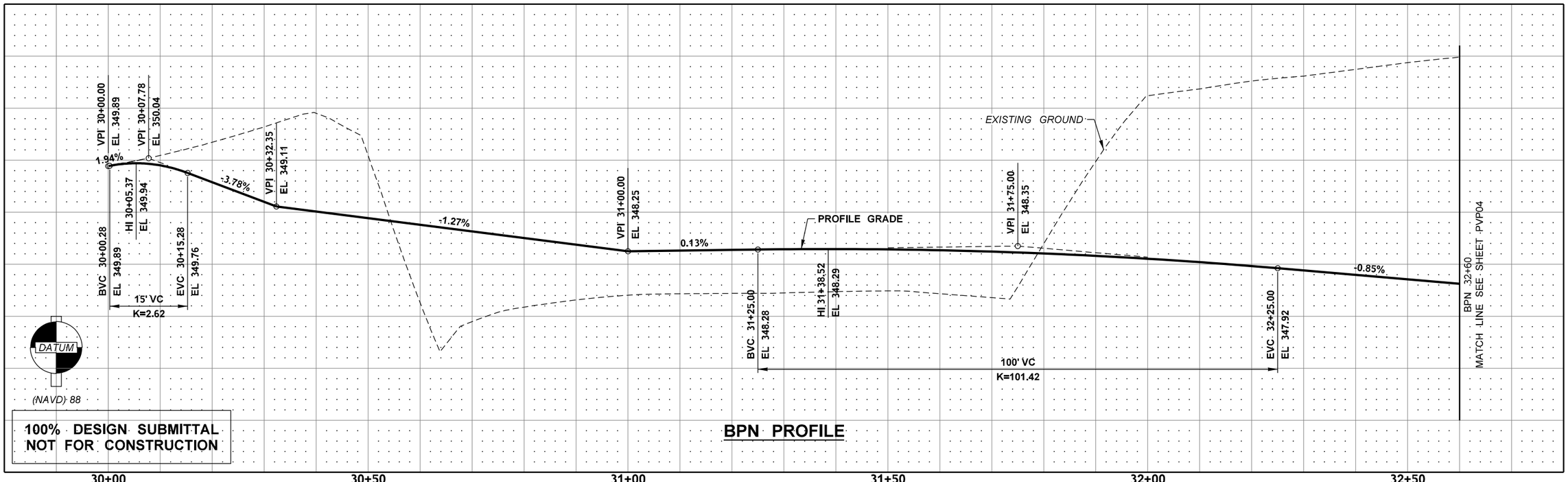

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

BPN PROFILE

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DATE	5/2/2021					JOB NUMBER	FED.AID PROJ.NO.
PLOTTED BY	p0024020						
DESIGNED BY	Z. BROWN						
ENTERED BY	K. MCWILLIAMS					CONTRACT NO.	LOCATION NO.
CHECKED BY	R. HOWARD						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY		

ZACHARY R. BROWN — STATE OF WASHINGTON — 21622 — REGISTERED PROFESSIONAL ENGINEER
P.E. STAMP BOX — DATE

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Washington State Department of Transportation

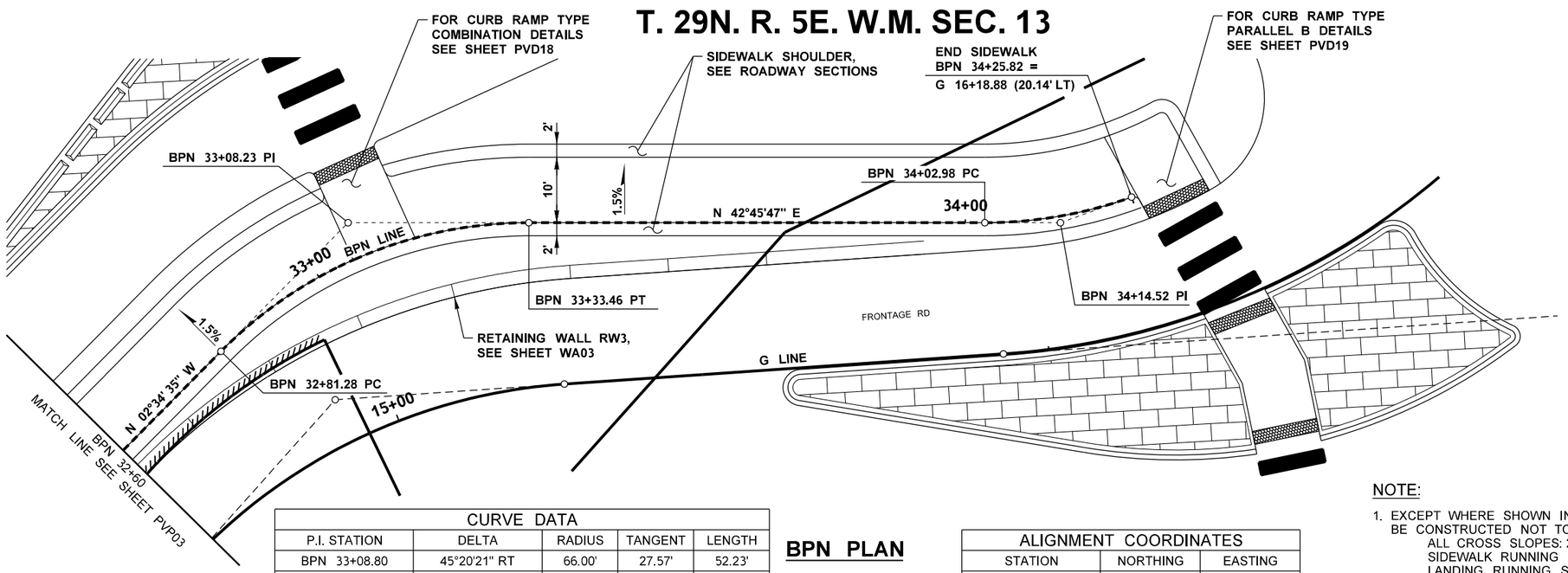
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

SIDEWALK PLAN / PROFILE

PLAN REF NO PVP03

SHEET OF SHEETS

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



CURVE DATA				
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
BPN 33+08.80	45°20'21" RT	66.00'	27.57'	52.23'
BPN 34+14.52	19°49'26" LT	66.00'	11.53'	22.84'

BPN PLAN

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
BPN 34+25.82	697129.91	1657053.05

NOTE:

1. EXCEPT WHERE SHOWN IN PLANS, PEDESTRIAN FACILITIES SHALL BE CONSTRUCTED NOT TO EXCEED THE FOLLOWING SLOPES;
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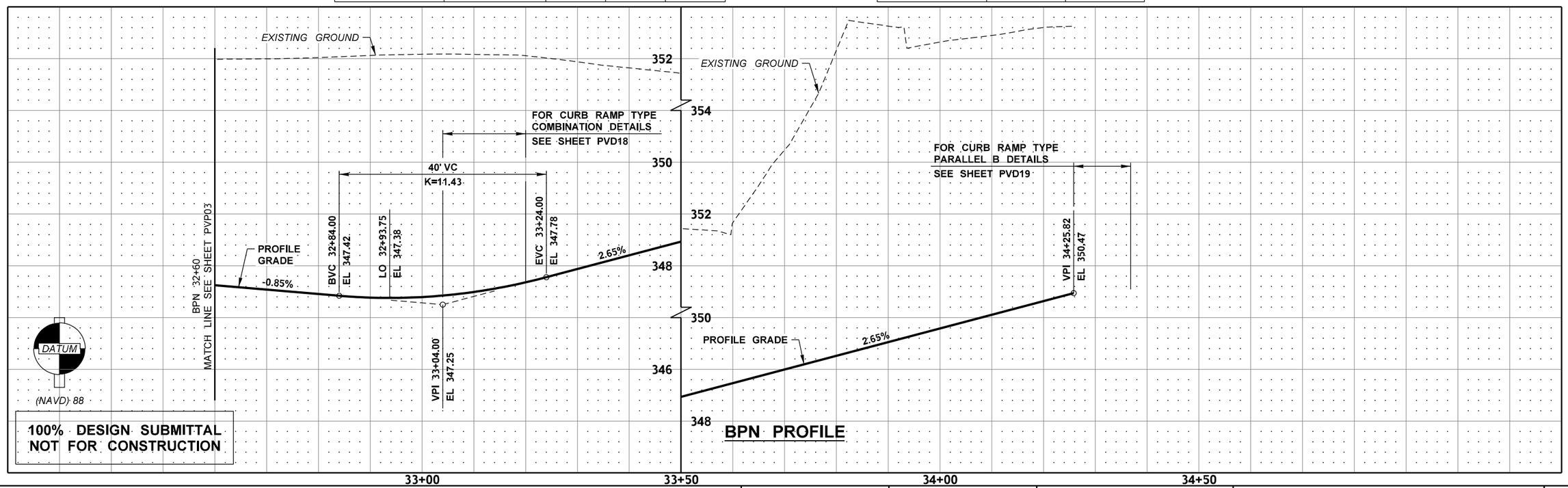
   SIDEWALK RUNNING SLOPES: 5%
   LANDING RUNNING SLOPES: 2%, AND
   RAMP RUNNING SLOPES: 8.3%



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DATE	5/2/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	Z. BROWN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	R. HOWARD							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21624 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

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Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

SIDEWALK PLAN / PROFILE

PLAN REF NO
PVP04

SHEET
OF
SHEETS

QUANTITY TABULATION - PAVEMENT MARKING

NOTE:
CODE COLUMN NOT APPLICABLE AS LOCATION DETERMINED BY ALIGNMENT AND STATION.

CODE	LOCATION \ UNIT OF MEASURE	PLASTIC LINE	PLASTIC WIDE LANE LINE	PLASTIC CROSSWALK LINE	PLASTIC STOP LINE	PLASTIC TRAFFIC ARROW	PLASTIC TRAFFIC LETTER	RAISED PAVEMENT MARKER TYPE 2									SEE GENERAL NOTES
		L.F.	L.F.	L.S.	L.F.	EACH	EACH	HUND									
NA	A 252+00 TO A 260+00	3173	1394	0	0	4	0	0.00									
NA	A 260+00 TO A 265+00	2992	826	0	0	7	7	0.00									
NA	A 265+00 TO A 270+00	2747	1394	240	0	13	7	0.00									
NA	A 270+00 TO A 275+00	2659	1287	260	0	13	0	0.00									
NA	A 275+00 TO A 282+07	1949	413	0	0	4	0	0.02									
NA	E 10+00 TO E 17+21.94	995	0.00	180	12	0	0	0.05									
NA	B 115+00 TO B 124+28	1744	721	0	27	5	0	0.04									
NA	F 70+80 TO F 73+37	993	98	340	12	4	0	0.02									
NA	G 10+22 TO G 16+60	2004	19	120	0	1	0	0.05									
NA	G 17+24 TO G 22+77	1091	97	0	0	1	0	0.04									
NA	H 30+04 TO H 32+96	721	302	100	0	2	0	0.00									
NA	H 28+60 TO H 20+00	1244	200	180	0	2	0	0.02									
NA	J 30+00 TO J 30+73	93	148	80	0	2	0	0.00									
NA	J 33+61 TO J 37+00	84	61	0	0	0	0	0.00									
	SHEET TOTAL	22490	6960	1500	51	58	14	0.25									
	PROJECT TOTAL	22490	6960	1500	51	58	14	0.25									

GENERAL NOTES:

1. SEE PAVEMENT MARKING PLANS FOR INSTALLATION NOTES AND LOCATIONS.

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TIME	4:48:06 PM
DATE	5/6/2021
PLOTTED BY	p0024020
DESIGNED BY	H. CARREON
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 | JOB NUMBER | CONTRACT NO. | FED.AID PROJ.NO. | LOCATION NO.

P.E. STAMP BOX — DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

QUANTITY TABULATION - PAVEMENT MARKING

PLAN REF NO QTMK01

SHEET OF SHEETS

LEGEND

EXISTING	NEW	
		TYPE 1S TRAFFIC ARROW
		TYPE 2SL TRAFFIC ARROW
		TYPE 2SR TRAFFIC ARROW
		TYPE 3SL TRAFFIC ARROW
		TYPE 3SR TRAFFIC ARROW
		TYPE 7S TRAFFIC ARROW
		TYPE 2SL TRAFFIC ARROW w/ ROUNDABOUT CIRCLE MARKING
		TYPE 3SL TRAFFIC ARROW w/ ROUNDABOUT CIRCLE MARKING
		CROSSWALK LINE
	- - - - -	DOTTED EXTENSION LINE (WHITE)
		DOUBLE CENTERLINE (YELLOW)
		EDGE LINE (WHITE/YELLOW)
		LANE LINE (WHITE)
		STOP LINE
		TWO-WAY LEFT-TURN CENTERLINE (YELLOW)
		WIDE DOTTED CIRCULAR LANE LINE (WHITE)

EXISTING	NEW	
		WIDE DOTTED ENTRY LINE (WHITE)
		WIDE DOTTED EXTENSION LINE (WHITE)
	- - - - -	WIDE DOTTED LANE LINE (WHITE)
		WIDE LANE LINE (WHITE/YELLOW)
		BACK OF CURB
		FACE OF CURB
		EDGE OF PAVEMENT
		GUTTER
		ROUNDABOUT CURB (CURB 1, 2 & 3, NOSING)
	STA	ALIGNMENT
		ROW PARCEL LOT LINE
		EASEMENT / UTILITY EASEMENT
		TEMPORARY EASEMENT
		WSDOT LIMITED ACCESS ROW
		WSDOT FLOATING LIMITED ACCESS ROW
		WSDOT HIGHWAY BOUNDARY/TURNBACK LINE
		WSDOT HIGHWAY COINCIDENT
		CITY OF LAKE STEVENS ROW
		MONUMENT

NOTES:

1. ALL LONGITUDINAL PAVEMENT MARKINGS AS PER WSDOT STD PLAN M-20.10-03.
2. ALL TRANSVERSE AND MISCELLANEOUS PAVEMENT MARKINGS AS PER WSDOT STD PLAN M-24.60-04.
3. ALL NON-ROUNDABOUT TRAFFIC ARROWS AS PER WSDOT STD PLAN M-24.40-02.
4. TRAFFIC LETTER AND NUMERAL APPLICATIONS AS PER WSDOT STD PLAN M-80.10-01.
5. ALL CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED.
6. PLAN ACCURATE FOR PAVEMENT MARKINGS ONLY. SEE PAVING PLANS AND ROADWAY SECTIONS FOR INFORMATION NOT SHOWN.
7. CROSSWALK LINES INSTALLED PER WSDOT STD PLAN M-15.10-01.
8. ROUNDABOUT TRAFFIC ARROWS AND ROUNDABOUT CIRCLE MARKINGS INSTALLED PER WSDOT STD PLAN M-12.10-02.
9. FOR ADDITIONAL MARKING QUANTITIES, SEE DRAINAGE DETAIL SHEETS.
10. ALL PLASTIC PAVEMENT MARKINGS SHALL BE FLAT MMA TYPE D EXCEPT LANE LINE AND EDGE LINES WHICH SHALL BE PROFILES MMA TYPE D.
11. REFER TO RIGHT-OF-WAY PLANS FOR ANGLE POINTS AND AREAS OF RELINQUISHMENT TO CITY.
12. RIGHT OF ENTRY TO AREAS WITHIN CITY OF LAKE STEVENS RIGHT-OF-WAY PROVIDED UNDER AGREEMENT WITH CITY OF LAKE STEVENS.
13. SEE PAVEMENT DETAIL SHEETS FOR YELLOW EDGE LINE GEOMETRY AROUND CENTER ISLANDS ABF, AH, AND GH.

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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DATE	4/30/2021					JOB NUMBER	
PLOTTED BY	p0024020						
DESIGNED BY	B. HOLMAN					CONTRACT NO.	LOCATION NO.
ENTERED BY	K. MCWILLIAMS						
CHECKED BY	E. AKE						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY		

ZACHARY R. BROWN — STATE OF WASHINGTON — 21762 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

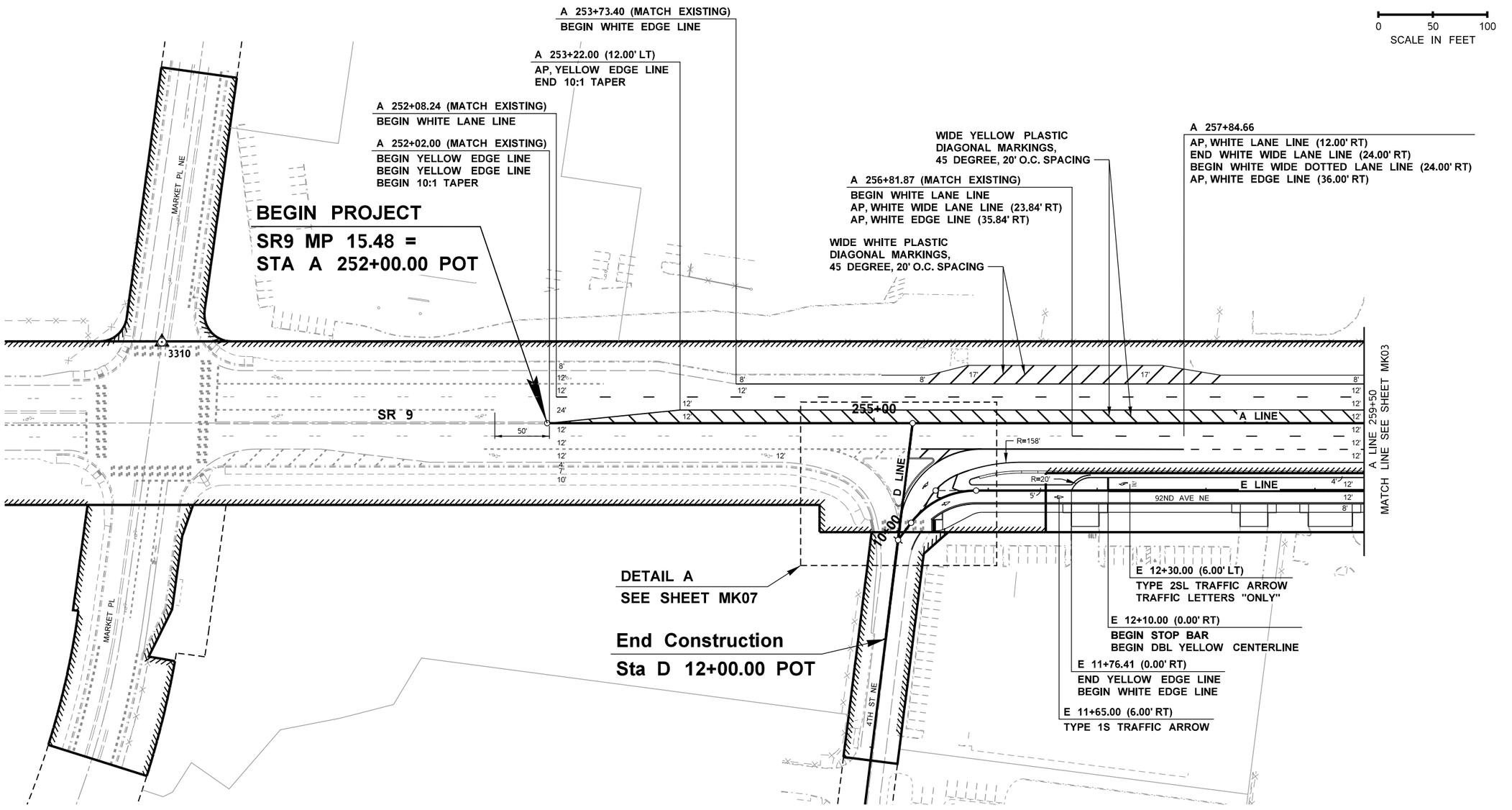
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVEMENT MARKING PLAN

PLAN REF NO
MK01
SHEET
OF
SHEETS

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



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

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

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DATE	4/22/2021						
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DESIGNED BY	B. HOLMAN						
ENTERED BY	K. MCWILLIAMS					CONTRACT NO.	LOCATION NO.
CHECKED BY	E. AKE						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY		

ZACHARY R. BROWN — STATE OF WASHINGTON — 21622 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State
Department of Transportation

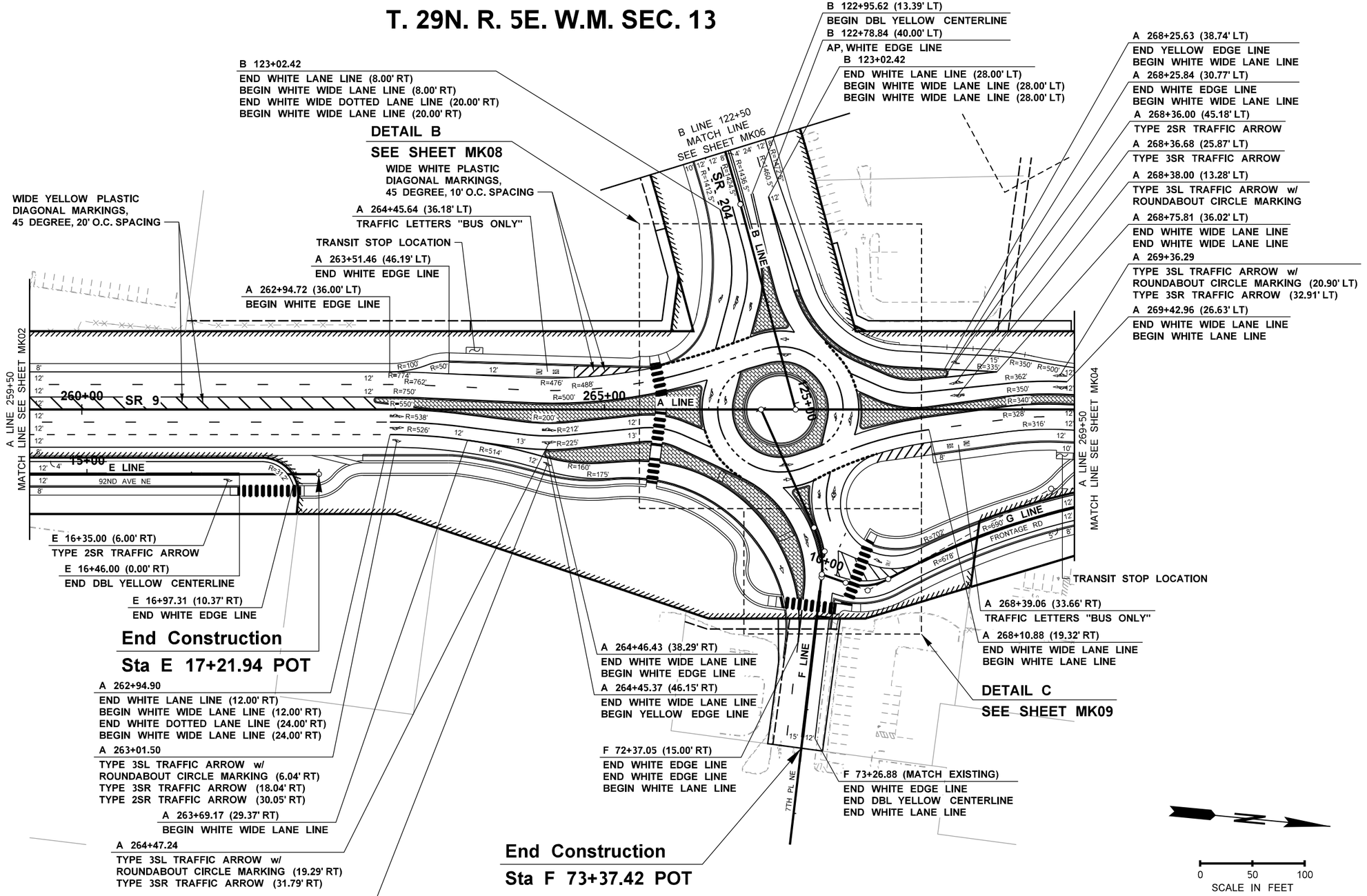
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 3)

PAVEMENT MARKING PLAN

PLAN REF NO
MK02

SHEET
OF
SHEETS

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



100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

NOTE:

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

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DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21624 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

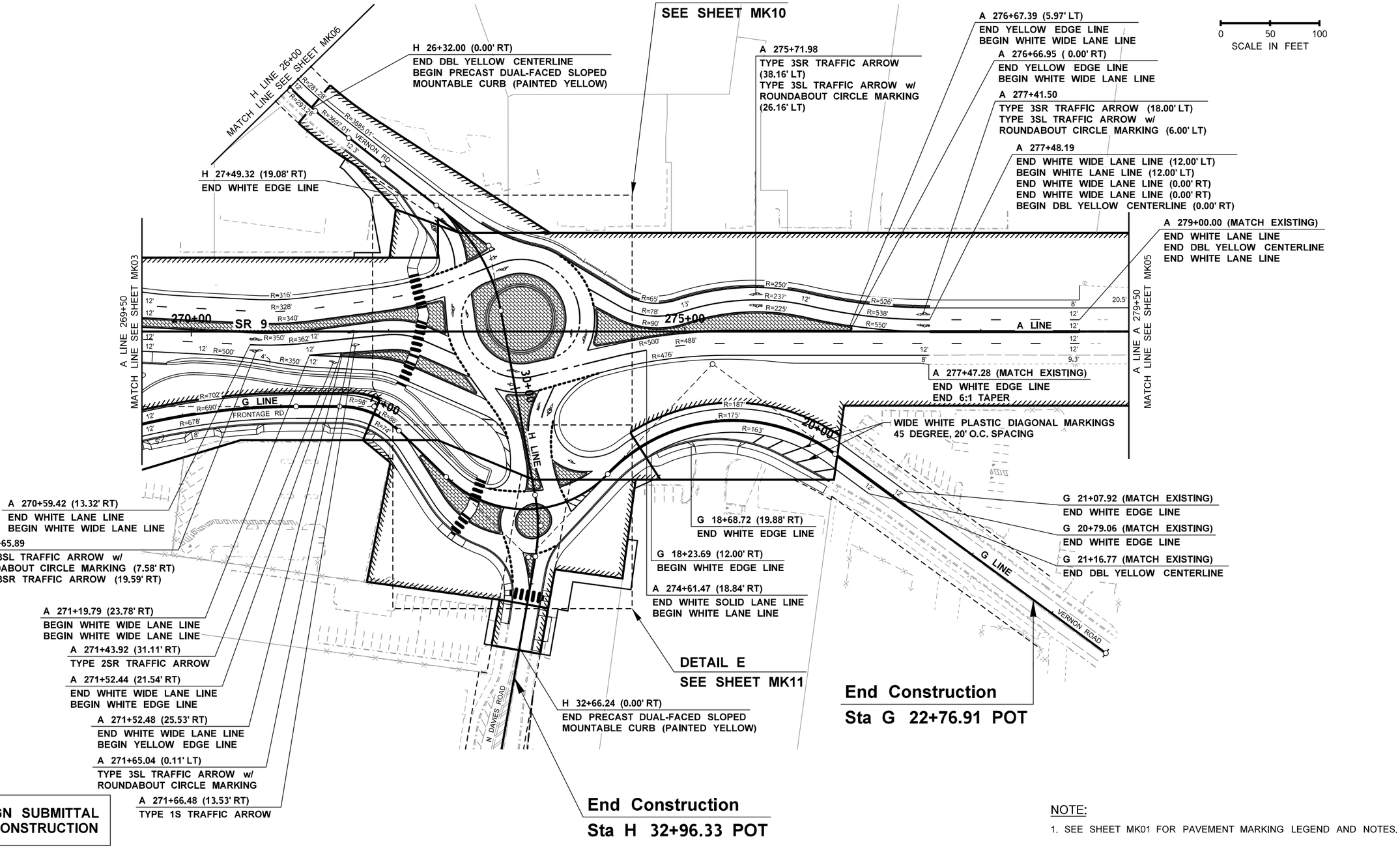
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVEMENT MARKING PLAN

PLAN REF NO
MK03

SHEET
OF
SHEETS

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



100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

NOTE:

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

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DATE	4/22/2021							
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 22822 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

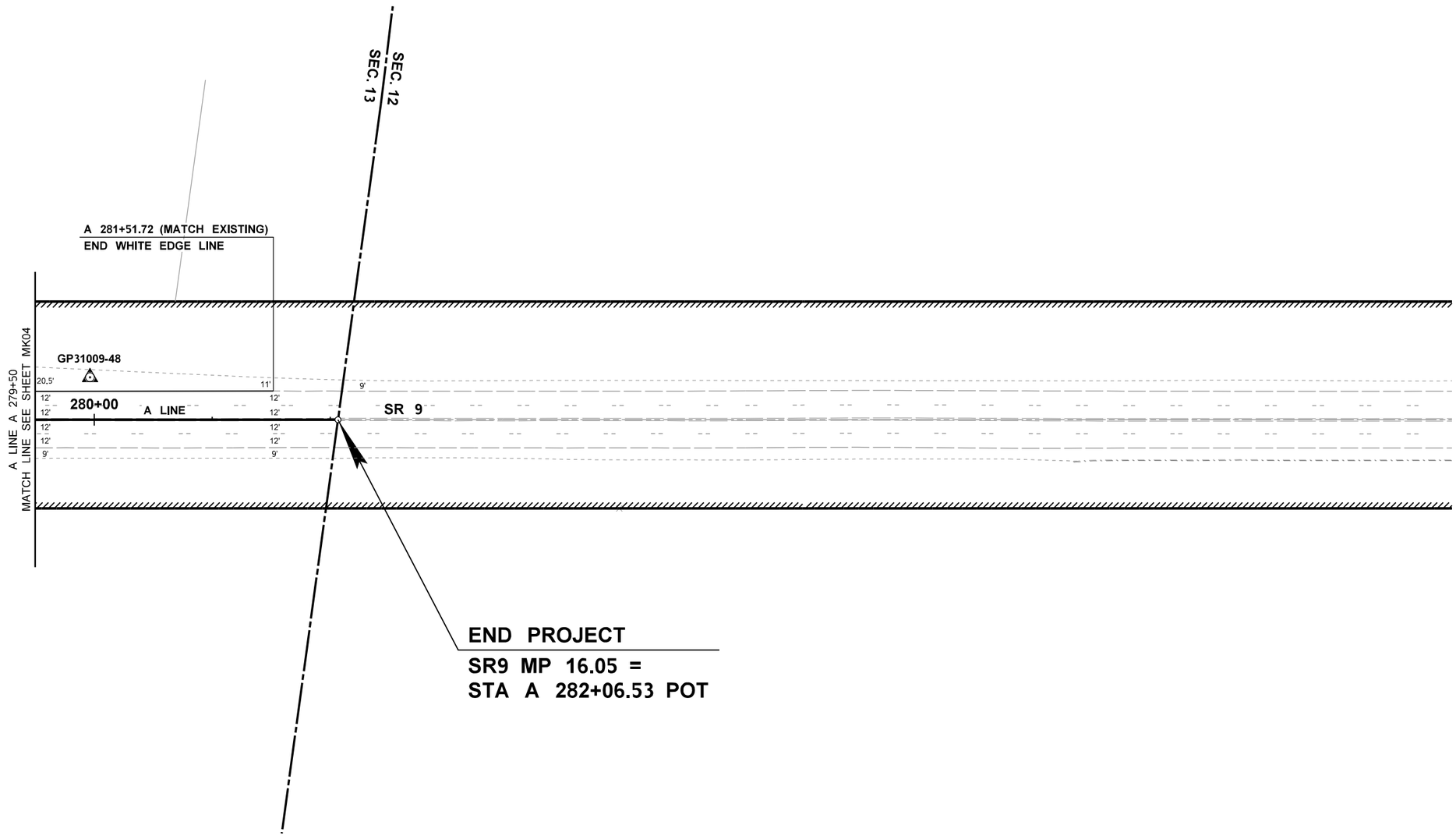
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVEMENT MARKING PLAN

PLAN REF NO MK04

SHEET OF SHEETS

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



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SCALE IN FEET

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

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

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DATE	4/22/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 47024 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

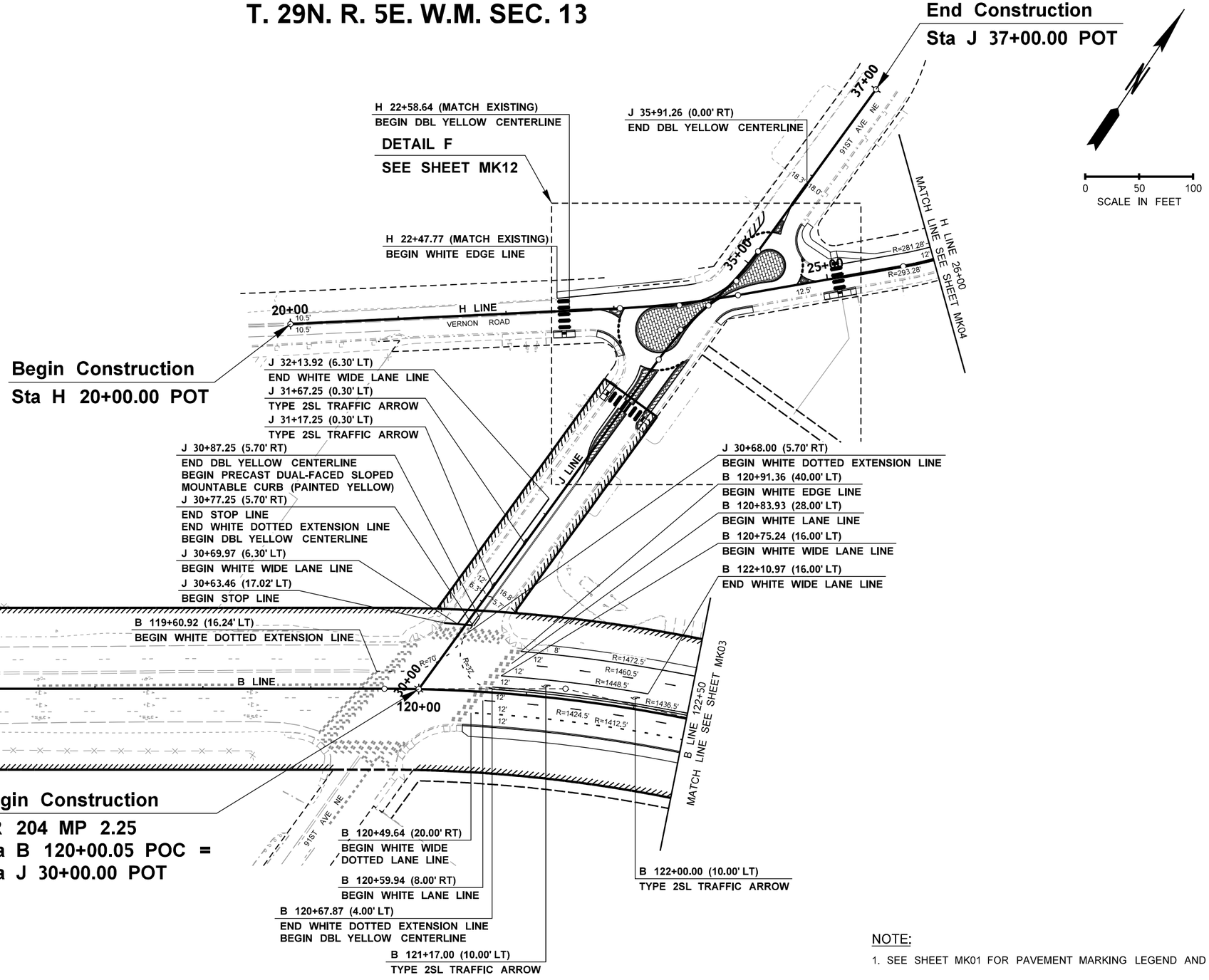
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVEMENT MARKING PLAN

PLAN REF NO
MK05

SHEET
OF
SHEETS

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



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

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

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DATE	4/22/2021					JOB NUMBER		
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DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21762 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVEMENT MARKING PLAN

PLAN REF NO
MK06
SHEET
OF
SHEETS

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

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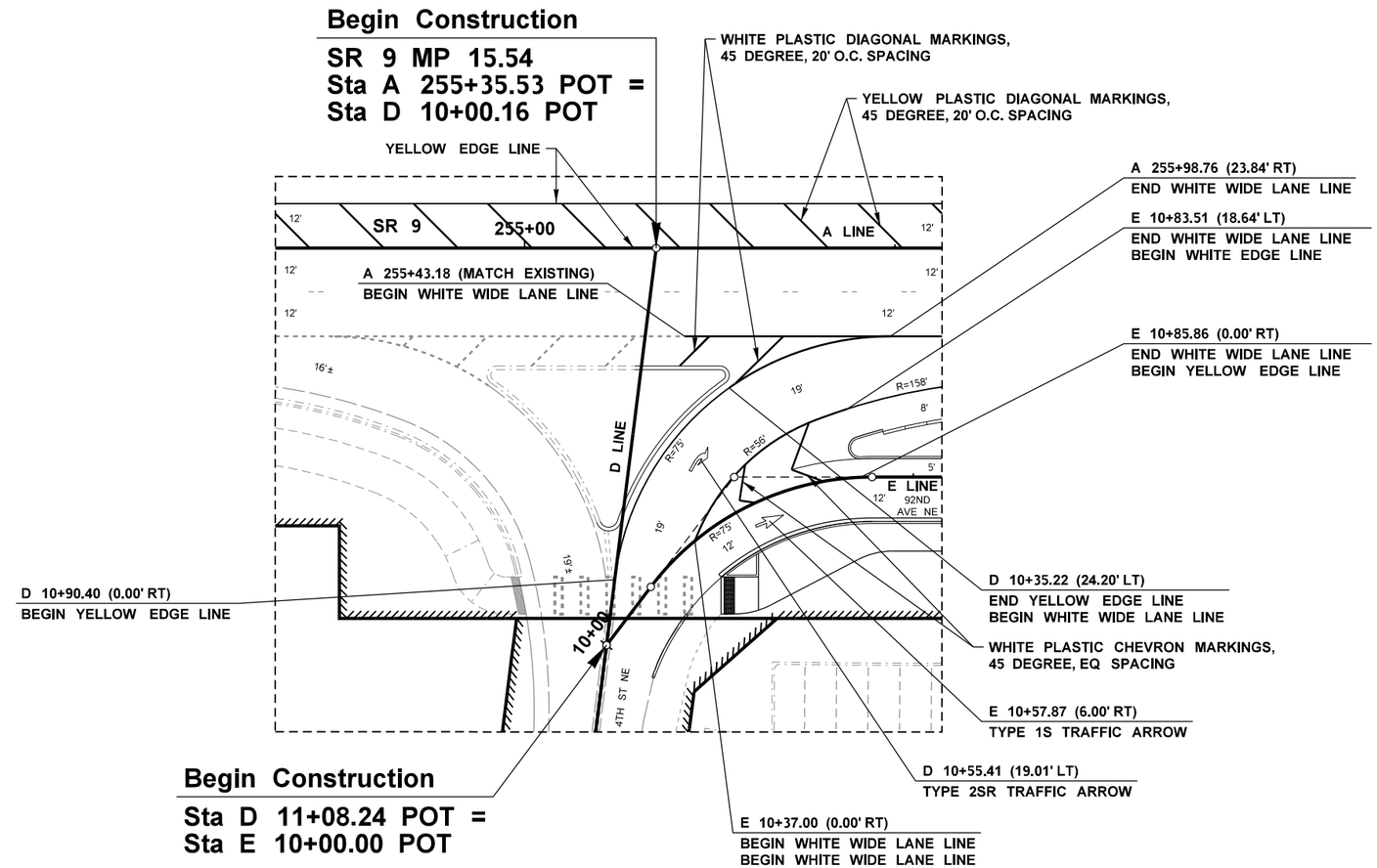

DETAIL A

SR 9, 4TH ST NE AND 92ND AVE NE INTERSECTION

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

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

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage 3_Y-11834_PS_MK_07.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
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DATE	4/22/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 24782 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

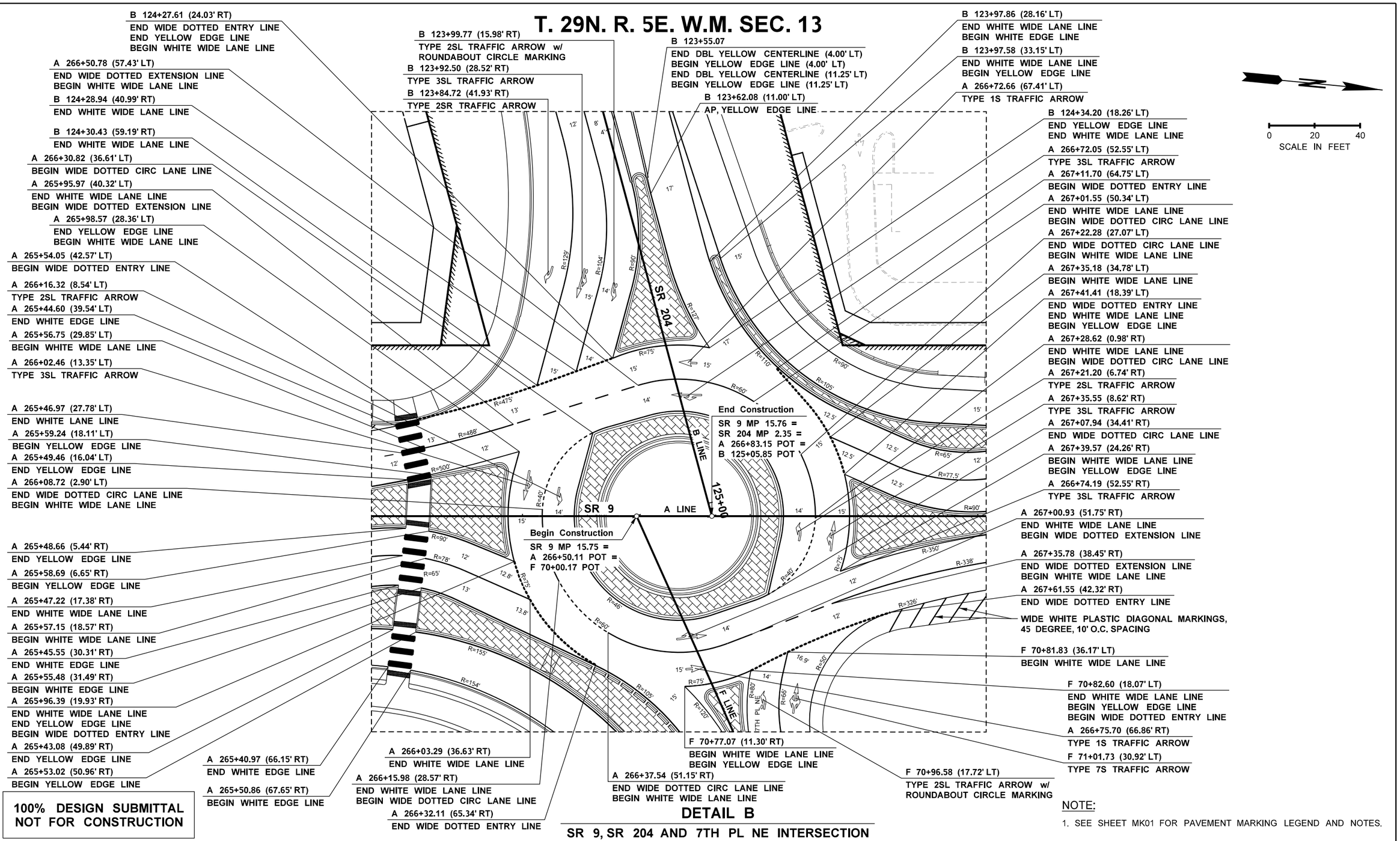
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVEMENT MARKING PLAN

PLAN REF NO
MK07
SHEET
OF
SHEETS

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



B 124+27.61 (24.03' RT)
END WIDE DOTTED ENTRY LINE
END YELLOW EDGE LINE
BEGIN WHITE WIDE LANE LINE

A 266+50.78 (57.43' LT)
END WIDE DOTTED EXTENSION LINE
BEGIN WHITE WIDE LANE LINE

B 124+28.94 (40.99' RT)
END WHITE WIDE LANE LINE

B 124+30.43 (59.19' RT)
END WHITE WIDE LANE LINE

A 266+30.82 (36.61' LT)
BEGIN WIDE DOTTED CIRC LANE LINE

A 265+95.97 (40.32' LT)
END WHITE WIDE LANE LINE
BEGIN WIDE DOTTED EXTENSION LINE

A 265+98.57 (28.36' LT)
END YELLOW EDGE LINE
BEGIN WHITE WIDE LANE LINE

A 265+54.05 (42.57' LT)
BEGIN WIDE DOTTED ENTRY LINE

A 266+16.32 (8.54' LT)
TYPE 2SL TRAFFIC ARROW

A 265+44.60 (39.54' LT)
END WHITE EDGE LINE

A 265+56.75 (29.85' LT)
BEGIN WHITE WIDE LANE LINE

A 266+02.46 (13.35' LT)
TYPE 3SL TRAFFIC ARROW

A 265+46.97 (27.78' LT)
END WHITE LANE LINE

A 265+59.24 (18.11' LT)
BEGIN YELLOW EDGE LINE

A 265+49.46 (16.04' LT)
END YELLOW EDGE LINE

A 266+08.72 (2.90' LT)
END WIDE DOTTED CIRC LANE LINE
BEGIN WHITE WIDE LANE LINE

A 265+48.66 (5.44' RT)
END YELLOW EDGE LINE

A 265+58.69 (6.65' RT)
BEGIN YELLOW EDGE LINE

A 265+47.22 (17.38' RT)
END WHITE WIDE LANE LINE

A 265+57.15 (18.57' RT)
BEGIN WHITE WIDE LANE LINE

A 265+45.55 (30.31' RT)
END WHITE EDGE LINE

A 265+55.48 (31.49' RT)
BEGIN WHITE EDGE LINE

A 265+96.39 (19.93' RT)
END WHITE WIDE LANE LINE
END YELLOW EDGE LINE
BEGIN WIDE DOTTED ENTRY LINE

A 265+43.08 (49.89' RT)
END YELLOW EDGE LINE

A 265+53.02 (50.96' RT)
BEGIN YELLOW EDGE LINE

A 265+40.97 (66.15' RT)
END WHITE EDGE LINE

A 265+50.86 (67.65' RT)
BEGIN WHITE EDGE LINE

B 123+99.77 (15.98' RT)
TYPE 2SL TRAFFIC ARROW w/
ROUNDABOUT CIRCLE MARKING

B 123+92.50 (28.52' RT)
TYPE 3SL TRAFFIC ARROW

B 123+84.72 (41.93' RT)
TYPE 2SR TRAFFIC ARROW

B 123+55.07
END DBL YELLOW CENTERLINE (4.00' LT)
BEGIN YELLOW EDGE LINE (4.00' LT)
END DBL YELLOW CENTERLINE (11.25' LT)
BEGIN YELLOW EDGE LINE (11.25' LT)

B 123+62.08 (11.00' LT)
AP, YELLOW EDGE LINE

A 266+03.29 (36.63' RT)
END WHITE WIDE LANE LINE

A 266+15.98 (28.57' RT)
END WHITE WIDE LANE LINE
BEGIN WIDE DOTTED CIRC LANE LINE

A 266+32.11 (65.34' RT)
END WIDE DOTTED ENTRY LINE

F 70+77.07 (11.30' RT)
BEGIN WHITE WIDE LANE LINE
BEGIN YELLOW EDGE LINE

A 266+37.54 (51.15' RT)
END WIDE DOTTED CIRC LANE LINE
BEGIN WHITE WIDE LANE LINE

B 123+97.86 (28.16' LT)
END WHITE WIDE LANE LINE
BEGIN WHITE EDGE LINE

B 123+97.58 (33.15' LT)
END WHITE WIDE LANE LINE
BEGIN YELLOW EDGE LINE

A 266+72.66 (67.41' LT)
TYPE 1S TRAFFIC ARROW

B 124+34.20 (18.26' LT)
END YELLOW EDGE LINE
END WHITE WIDE LANE LINE

A 266+72.05 (52.55' LT)
TYPE 3SL TRAFFIC ARROW

A 267+11.70 (64.75' LT)
BEGIN WIDE DOTTED ENTRY LINE

A 267+01.55 (50.34' LT)
END WHITE WIDE LANE LINE
BEGIN WIDE DOTTED CIRC LANE LINE

A 267+22.28 (27.07' LT)
END WIDE DOTTED CIRC LANE LINE
BEGIN WHITE WIDE LANE LINE

A 267+35.18 (34.78' LT)
BEGIN WHITE WIDE LANE LINE

A 267+41.41 (18.39' LT)
END WIDE DOTTED ENTRY LINE
END WHITE WIDE LANE LINE
BEGIN YELLOW EDGE LINE

A 267+28.62 (0.98' RT)
END WHITE WIDE LANE LINE
BEGIN WIDE DOTTED CIRC LANE LINE

A 267+21.20 (6.74' RT)
TYPE 2SL TRAFFIC ARROW

A 267+35.55 (8.62' RT)
TYPE 3SL TRAFFIC ARROW

A 267+07.94 (34.41' RT)
END WIDE DOTTED CIRC LANE LINE

A 267+39.57 (24.26' RT)
BEGIN WHITE WIDE LANE LINE
BEGIN YELLOW EDGE LINE

A 266+74.19 (52.55' RT)
TYPE 3SL TRAFFIC ARROW

A 267+00.93 (51.75' RT)
END WHITE WIDE LANE LINE
BEGIN WIDE DOTTED EXTENSION LINE

A 267+35.78 (38.45' RT)
END WIDE DOTTED EXTENSION LINE
BEGIN WHITE WIDE LANE LINE

A 267+61.55 (42.32' RT)
END WIDE DOTTED ENTRY LINE

WIDE WHITE PLASTIC DIAGONAL MARKINGS,
45 DEGREE, 10' O.C. SPACING

F 70+81.83 (36.17' LT)
BEGIN WHITE WIDE LANE LINE

F 70+82.60 (18.07' LT)
END WHITE WIDE LANE LINE
BEGIN YELLOW EDGE LINE
BEGIN WIDE DOTTED ENTRY LINE

A 266+75.70 (66.86' RT)
TYPE 1S TRAFFIC ARROW

F 71+01.73 (30.92' LT)
TYPE 7S TRAFFIC ARROW

F 70+96.58 (17.72' LT)
TYPE 2SL TRAFFIC ARROW w/
ROUNDABOUT CIRCLE MARKING

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

DETAIL B

SR 9, SR 204 AND 7TH PL NE INTERSECTION

NOTE:

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

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PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 47629 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

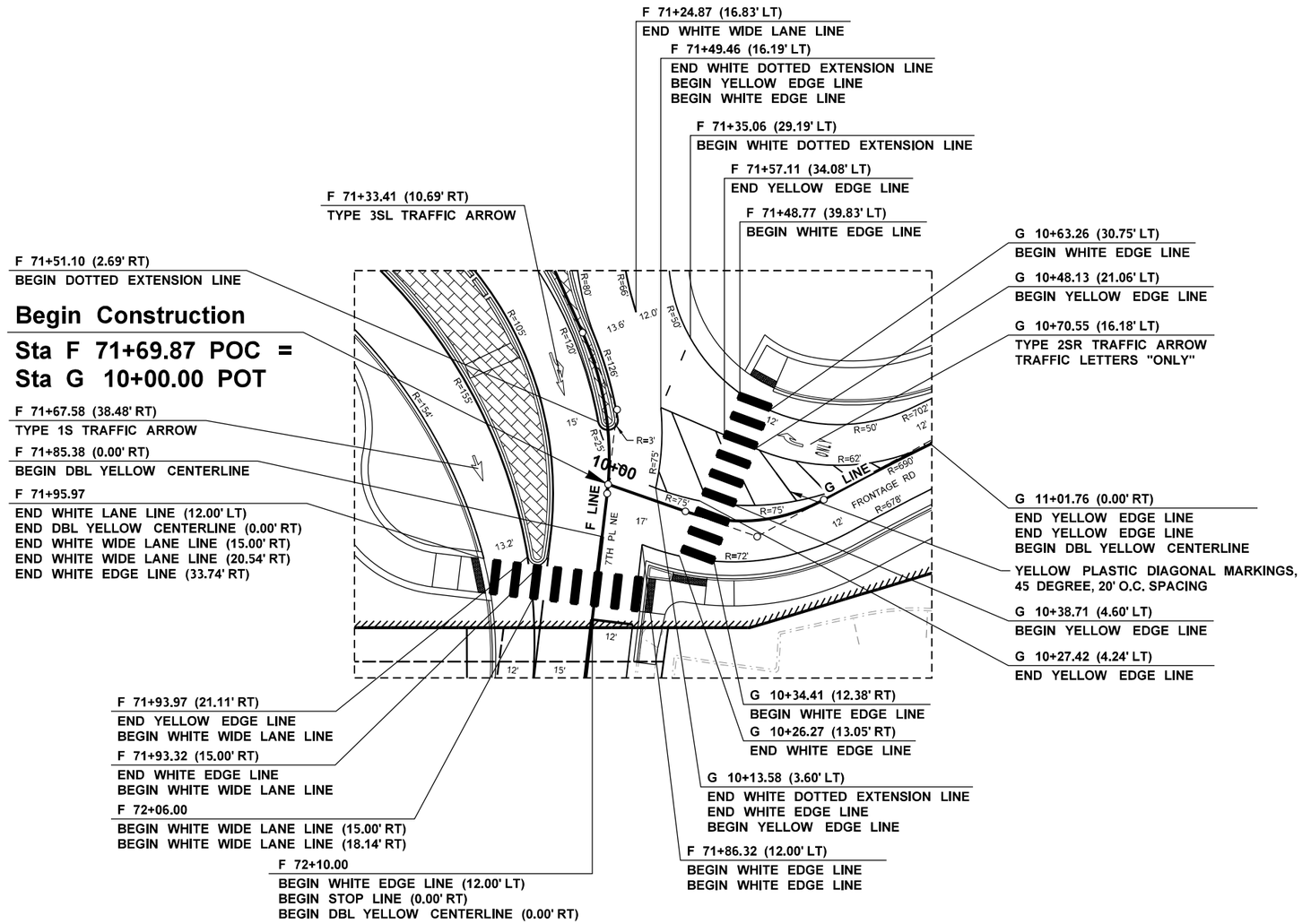
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVEMENT MARKING

PLAN REF NO
MK08
SHEET
OF
SHEETS

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



DETAIL C

7TH PL NE AND FRONTAGE RD INTERSECTION

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

NOTE:

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

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage_3_Y-11834_PS_MK_09.dgn					REGION NO. / STATE: 10 WASH	FED.AID PROJ.NO.	PLAN REF NO: MK09
TIME	7:16:33 AM					JOB NUMBER		SHEET OF SHEETS
DATE	4/22/2021							
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN							
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	E. AKE					CONTRACT NO.	LOCATION NO.	
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21622 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

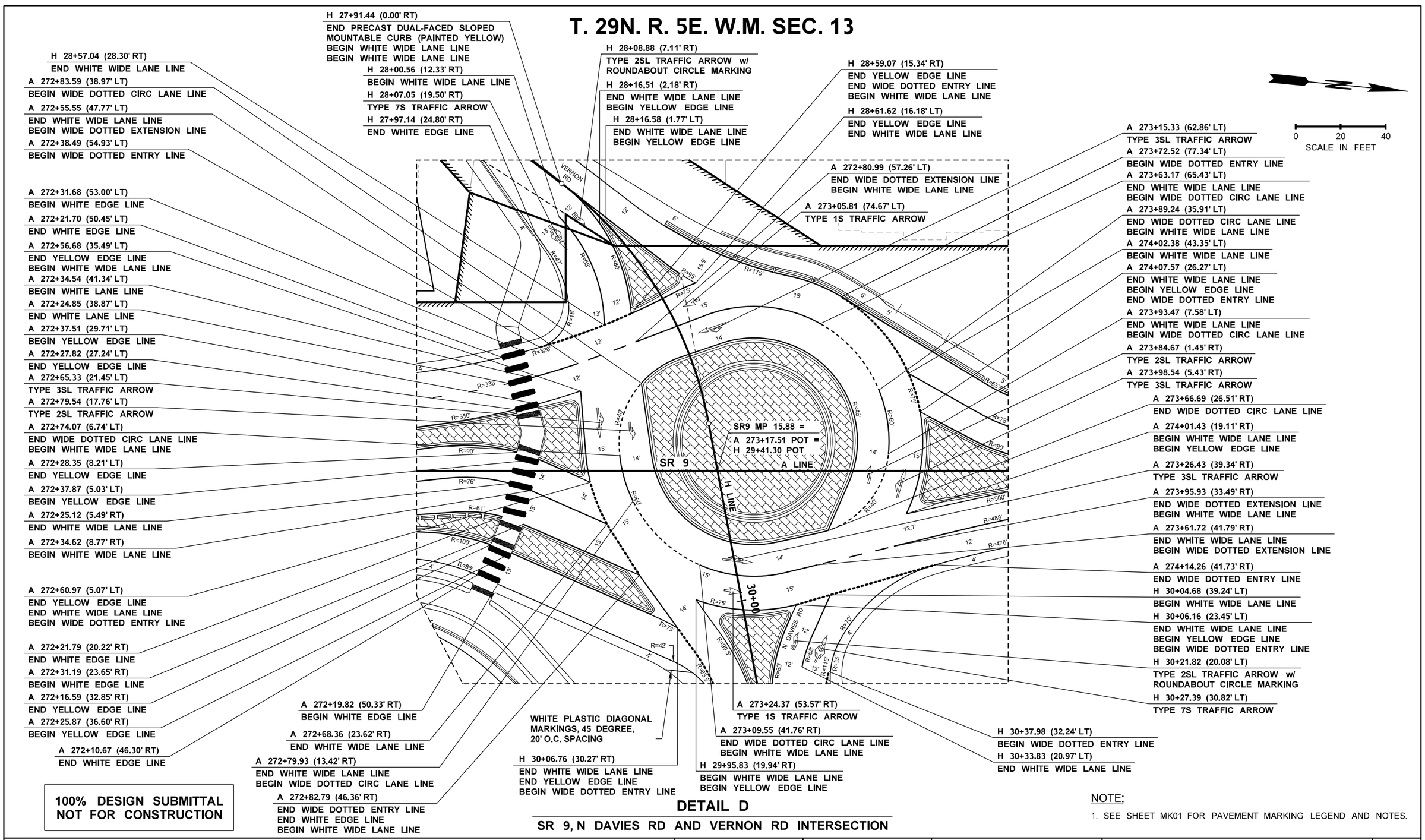
PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVEMENT MARKING PLAN

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



H 27+91.44 (0.00' RT)
END PRECAST DUAL-FACED SLOPED MOUNTABLE CURB (PAINTED YELLOW)
BEGIN WHITE WIDE LANE LINE
BEGIN WHITE WIDE LANE LINE

H 28+57.04 (28.30' RT)
END WHITE WIDE LANE LINE

H 28+00.56 (12.33' RT)
BEGIN WHITE WIDE LANE LINE

H 28+08.88 (7.11' RT)
TYPE 2SL TRAFFIC ARROW w/ ROUNDABOUT CIRCLE MARKING

H 28+59.07 (15.34' RT)
END YELLOW EDGE LINE
END WIDE DOTTED ENTRY LINE
BEGIN WHITE WIDE LANE LINE

A 272+83.59 (38.97' LT)
BEGIN WIDE DOTTED CIRC LANE LINE

H 28+07.05 (19.50' RT)
TYPE 7S TRAFFIC ARROW

H 28+16.51 (2.18' RT)
END WHITE WIDE LANE LINE
BEGIN YELLOW EDGE LINE

H 28+61.62 (16.18' LT)
END YELLOW EDGE LINE
END WHITE WIDE LANE LINE

A 272+55.55 (47.77' LT)
END WHITE WIDE LANE LINE
BEGIN WIDE DOTTED EXTENSION LINE

H 27+97.14 (24.80' RT)
END WHITE EDGE LINE

H 28+16.58 (1.77' LT)
END WHITE WIDE LANE LINE
BEGIN YELLOW EDGE LINE

A 272+80.99 (57.26' LT)
END WIDE DOTTED EXTENSION LINE
BEGIN WHITE WIDE LANE LINE

A 272+38.49 (54.93' LT)
BEGIN WIDE DOTTED ENTRY LINE

A 273+05.81 (74.67' LT)
TYPE 1S TRAFFIC ARROW

A 273+15.33 (62.86' LT)
TYPE 3SL TRAFFIC ARROW

A 273+72.52 (77.34' LT)
BEGIN WIDE DOTTED ENTRY LINE

A 272+31.68 (53.00' LT)
BEGIN WHITE EDGE LINE

A 273+63.17 (65.43' LT)
END WHITE WIDE LANE LINE
BEGIN WIDE DOTTED CIRC LANE LINE

A 272+21.70 (50.45' LT)
END WHITE EDGE LINE

A 273+89.24 (35.91' LT)
END WIDE DOTTED CIRC LANE LINE
BEGIN WHITE WIDE LANE LINE

A 272+56.68 (35.49' LT)
END YELLOW EDGE LINE
BEGIN WHITE WIDE LANE LINE

A 274+02.38 (43.35' LT)
BEGIN WHITE WIDE LANE LINE

A 272+34.54 (41.34' LT)
BEGIN WHITE LANE LINE

A 274+07.57 (26.27' LT)
END WHITE WIDE LANE LINE
BEGIN YELLOW EDGE LINE
END WIDE DOTTED ENTRY LINE

A 272+24.85 (38.87' LT)
END WHITE LANE LINE

A 273+93.47 (7.58' LT)
END WHITE WIDE LANE LINE
BEGIN WIDE DOTTED CIRC LANE LINE

A 272+37.51 (29.71' LT)
BEGIN YELLOW EDGE LINE

A 273+84.67 (1.45' RT)
TYPE 2SL TRAFFIC ARROW

A 272+27.82 (27.24' LT)
END YELLOW EDGE LINE

A 273+98.54 (5.43' RT)
TYPE 3SL TRAFFIC ARROW

A 272+65.33 (21.45' LT)
TYPE 3SL TRAFFIC ARROW

A 273+66.69 (26.51' RT)
END WIDE DOTTED CIRC LANE LINE

A 272+79.54 (17.76' LT)
TYPE 2SL TRAFFIC ARROW

A 274+01.43 (19.11' RT)
BEGIN WHITE WIDE LANE LINE
BEGIN YELLOW EDGE LINE

A 272+74.07 (6.74' LT)
END WIDE DOTTED CIRC LANE LINE
BEGIN WHITE WIDE LANE LINE

A 273+26.43 (39.34' RT)
TYPE 3SL TRAFFIC ARROW

A 272+28.35 (8.21' LT)
END YELLOW EDGE LINE

A 273+95.93 (33.49' RT)
END WIDE DOTTED EXTENSION LINE
BEGIN WHITE WIDE LANE LINE

A 272+37.87 (5.03' LT)
BEGIN YELLOW EDGE LINE

A 273+61.72 (41.79' RT)
END WHITE WIDE LANE LINE
BEGIN WIDE DOTTED EXTENSION LINE

A 272+25.12 (5.49' RT)
END WHITE WIDE LANE LINE

A 274+14.26 (41.73' RT)
END WIDE DOTTED ENTRY LINE

A 272+34.62 (8.77' RT)
BEGIN WHITE WIDE LANE LINE

H 30+04.68 (39.24' LT)
BEGIN WHITE WIDE LANE LINE

H 30+06.16 (23.45' LT)
END WHITE WIDE LANE LINE
BEGIN YELLOW EDGE LINE
BEGIN WIDE DOTTED ENTRY LINE

A 272+60.97 (5.07' LT)
END YELLOW EDGE LINE
END WHITE WIDE LANE LINE
BEGIN WIDE DOTTED ENTRY LINE

H 30+21.82 (20.08' LT)
TYPE 2SL TRAFFIC ARROW w/ ROUNDABOUT CIRCLE MARKING

H 30+27.39 (30.82' LT)
TYPE 7S TRAFFIC ARROW

A 272+21.79 (20.22' RT)
END WHITE EDGE LINE

A 272+31.19 (23.65' RT)
BEGIN WHITE EDGE LINE

A 272+16.59 (32.85' RT)
END YELLOW EDGE LINE

A 272+25.87 (36.60' RT)
BEGIN YELLOW EDGE LINE

A 272+10.67 (46.30' RT)
END WHITE EDGE LINE

A 272+19.82 (50.33' RT)
BEGIN WHITE EDGE LINE

A 272+68.36 (23.62' RT)
END WHITE WIDE LANE LINE

A 272+79.93 (13.42' RT)
END WHITE WIDE LANE LINE
BEGIN WIDE DOTTED CIRC LANE LINE

A 272+82.79 (46.36' RT)
END WIDE DOTTED ENTRY LINE
END WHITE EDGE LINE
BEGIN WHITE WIDE LANE LINE

WHITE PLASTIC DIAGONAL MARKINGS, 45 DEGREE, 20' O.C. SPACING

H 30+06.76 (30.27' RT)
END WHITE WIDE LANE LINE
END YELLOW EDGE LINE
BEGIN WIDE DOTTED ENTRY LINE

A 273+24.37 (53.57' RT)
TYPE 1S TRAFFIC ARROW

A 273+09.55 (41.76' RT)
END WIDE DOTTED CIRC LANE LINE
BEGIN WHITE WIDE LANE LINE

H 29+95.83 (19.94' RT)
BEGIN WHITE WIDE LANE LINE
BEGIN YELLOW EDGE LINE

H 30+37.98 (32.24' LT)
BEGIN WIDE DOTTED ENTRY LINE

H 30+33.83 (20.97' LT)
END WHITE WIDE LANE LINE

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

DETAIL D

SR 9, N DAVIES RD AND VERNON RD INTERSECTION

NOTE:

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

FILE NAME	c:\pw_working\wastate\p0024020\dms08802\Stage 3_Y-11834_PS_MK_10.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	7:16:51 AM					10	WASH	
DATE	4/22/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21762 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

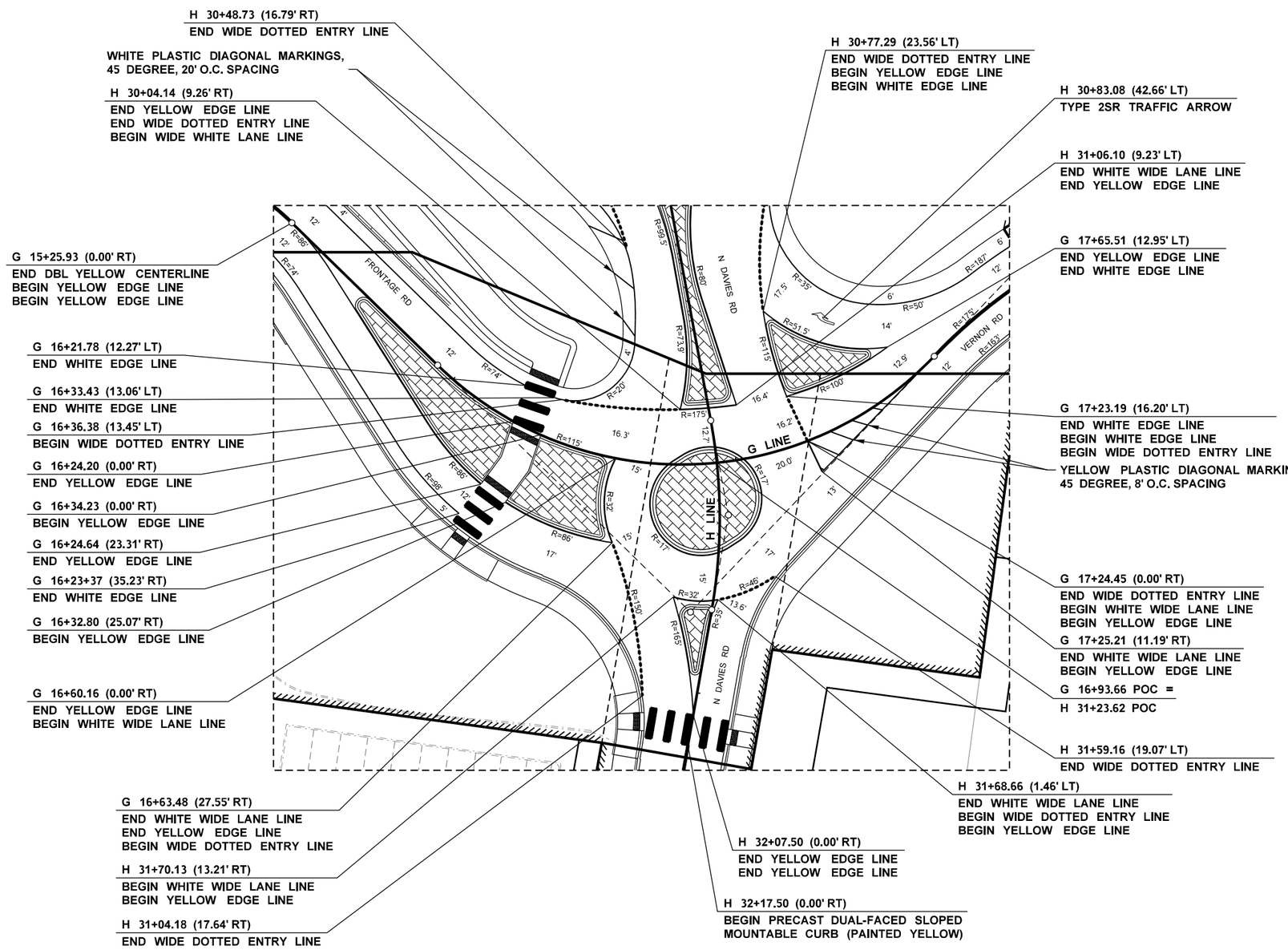
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVEMENT MARKING PLAN

PLAN REF NO
MK10

SHEET
OF
SHEETS

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



H 30+48.73 (16.79' RT)
END WIDE DOTTED ENTRY LINE

WHITE PLASTIC DIAGONAL MARKINGS, 45 DEGREE, 20' O.C. SPACING

H 30+04.14 (9.26' RT)
END YELLOW EDGE LINE
END WIDE DOTTED ENTRY LINE
BEGIN WIDE WHITE LANE LINE

H 30+77.29 (23.56' LT)
END WIDE DOTTED ENTRY LINE
BEGIN YELLOW EDGE LINE
BEGIN WHITE EDGE LINE

H 30+83.08 (42.66' LT)
TYPE 2SR TRAFFIC ARROW

H 31+06.10 (9.23' LT)
END WHITE WIDE LANE LINE
END YELLOW EDGE LINE

G 17+65.51 (12.95' LT)
END YELLOW EDGE LINE
END WHITE EDGE LINE

G 15+25.93 (0.00' RT)
END DBL YELLOW CENTERLINE
BEGIN YELLOW EDGE LINE
BEGIN YELLOW EDGE LINE

G 16+21.78 (12.27' LT)
END WHITE EDGE LINE

G 16+33.43 (13.06' LT)
END WHITE EDGE LINE

G 16+36.38 (13.45' LT)
BEGIN WIDE DOTTED ENTRY LINE

G 16+24.20 (0.00' RT)
END YELLOW EDGE LINE

G 16+34.23 (0.00' RT)
BEGIN YELLOW EDGE LINE

G 16+24.64 (23.31' RT)
END YELLOW EDGE LINE

G 16+23+37 (35.23' RT)
END WHITE EDGE LINE

G 16+32.80 (25.07' RT)
BEGIN YELLOW EDGE LINE

G 16+60.16 (0.00' RT)
END YELLOW EDGE LINE
BEGIN WHITE WIDE LANE LINE

G 16+63.48 (27.55' RT)
END WHITE WIDE LANE LINE
END YELLOW EDGE LINE
BEGIN WIDE DOTTED ENTRY LINE

H 31+70.13 (13.21' RT)
BEGIN WHITE WIDE LANE LINE
BEGIN YELLOW EDGE LINE

H 31+04.18 (17.64' RT)
END WIDE DOTTED ENTRY LINE

G 17+23.19 (16.20' LT)
END WHITE EDGE LINE
BEGIN WHITE EDGE LINE
BEGIN WIDE DOTTED ENTRY LINE

YELLOW PLASTIC DIAGONAL MARKINGS, 45 DEGREE, 8' O.C. SPACING

G 17+24.45 (0.00' RT)
END WIDE DOTTED ENTRY LINE
BEGIN WHITE WIDE LANE LINE
BEGIN YELLOW EDGE LINE

G 17+25.21 (11.19' RT)
END WHITE WIDE LANE LINE
BEGIN YELLOW EDGE LINE

G 16+93.66 POC =
H 31+23.62 POC

H 31+59.16 (19.07' LT)
END WIDE DOTTED ENTRY LINE

H 31+68.66 (1.46' LT)
END WHITE WIDE LANE LINE
BEGIN WIDE DOTTED ENTRY LINE
BEGIN YELLOW EDGE LINE

H 32+07.50 (0.00' RT)
END YELLOW EDGE LINE
END YELLOW EDGE LINE

H 32+17.50 (0.00' RT)
BEGIN PRECAST DUAL-FACED SLOPED MOUNTABLE CURB (PAINTED YELLOW)

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

DETAIL E

VERNON RD, FRONTAGE RD AND N DAVIES RD INTERSECTION

NOTE:

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

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DATE	4/23/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 18021 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

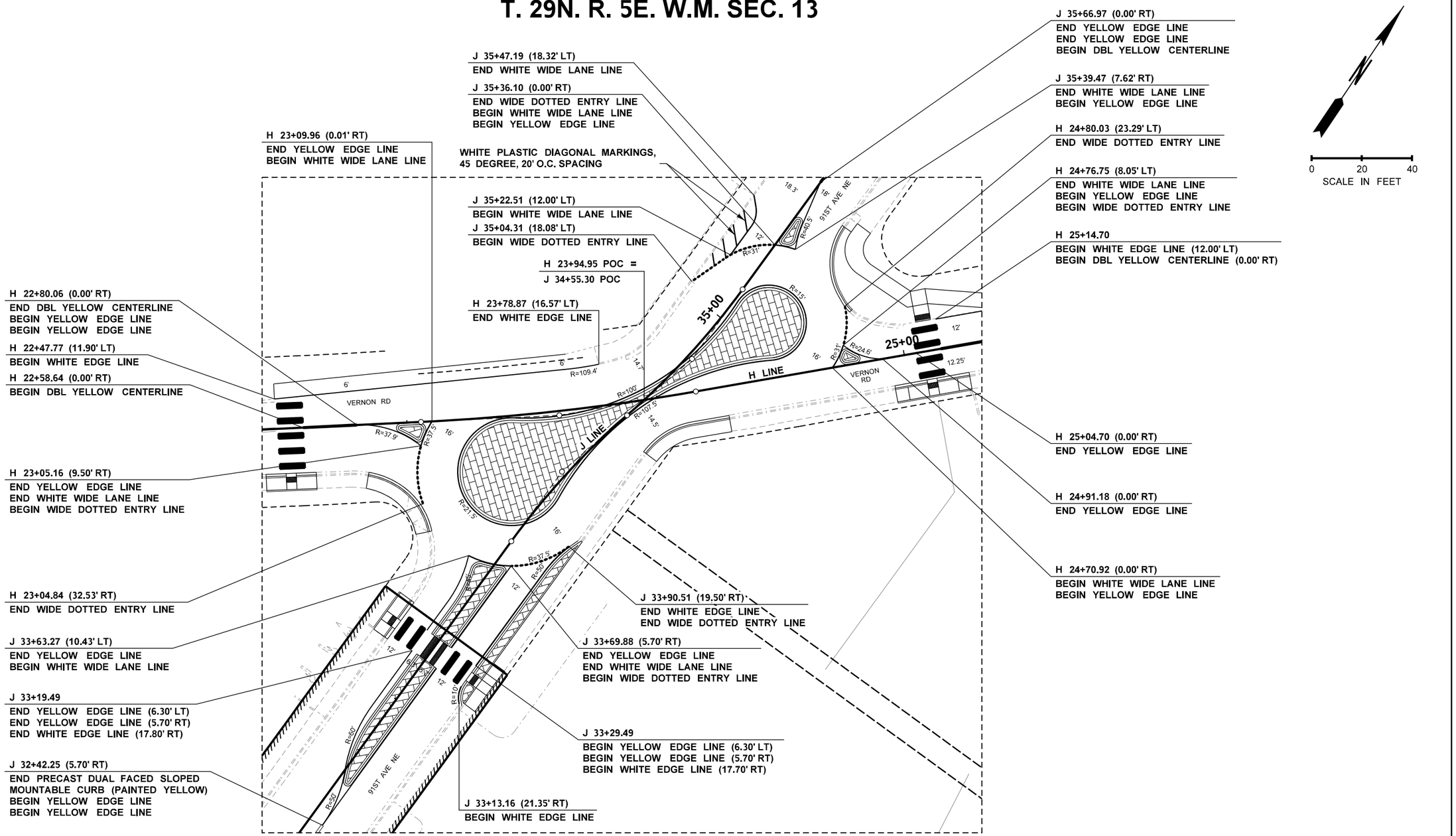
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVEMENT MARKING PLAN

PLAN REF NO
MK11

SHEET
OF
SHEETS

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



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

DETAIL F

91ST AVE NE AND VERNON RD INTERSECTION

NOTE:

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

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08802\Stage_3_Y-11834_PS_MK_12.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
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DATE	4/22/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	B. HOLMAN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 17624 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

PAVEMENT MARKING PLAN

PLAN REF NO
MK12

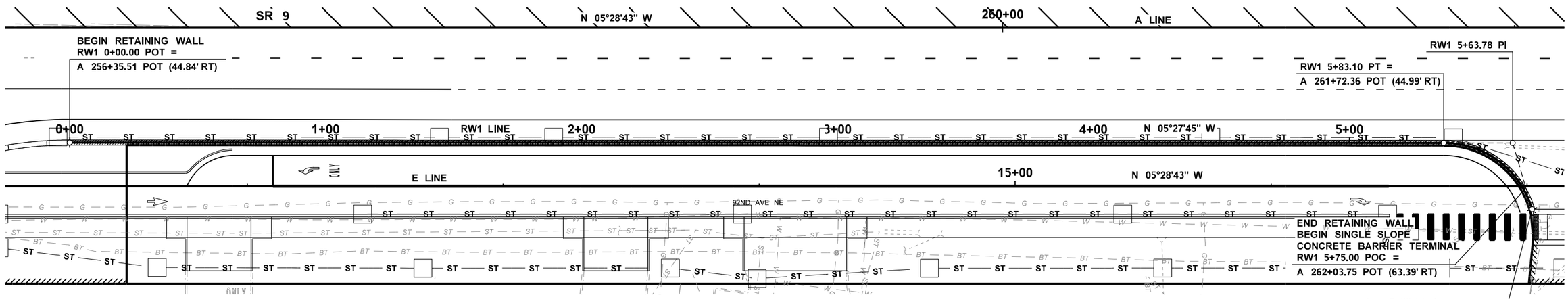
SHEET
OF
SHEETS

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

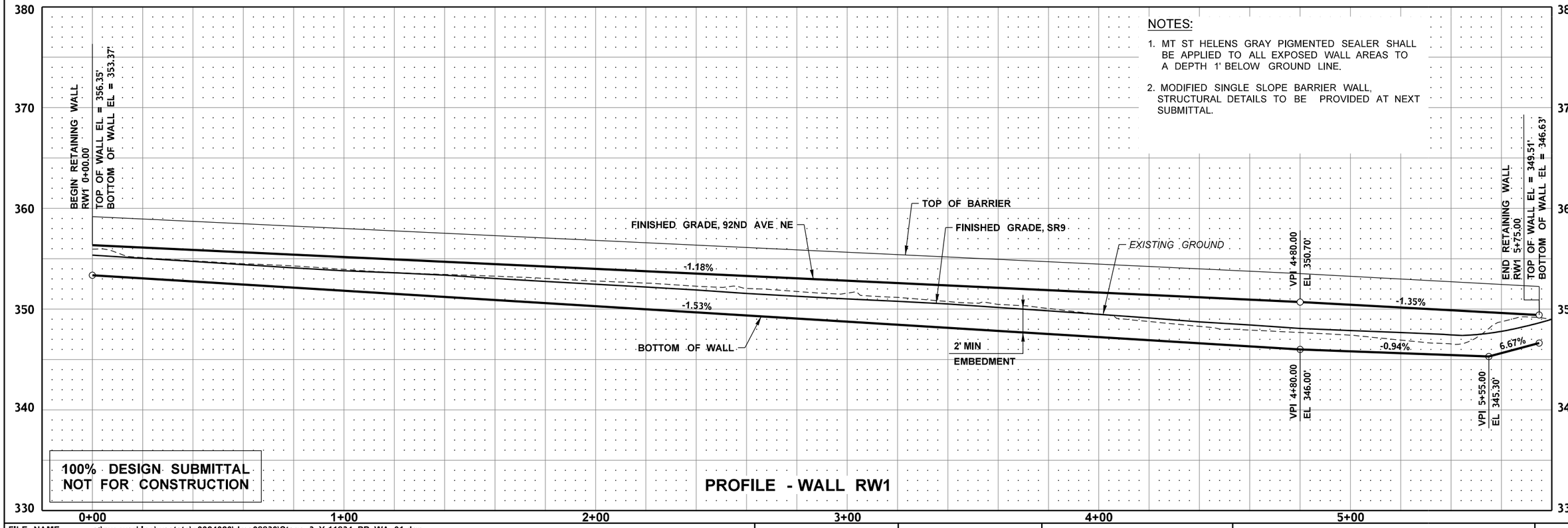
CURVE DATA				
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
RW1 5+63.78	73°35'41" RT	36.00'	26.93'	46.24'

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
RW1 0+00.00	695474.11	1657110.40
RW1 5+83.10	696045.37	1657081.73

0 20 40
SCALE IN FEET



PLAN - WALL RW1



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

PROFILE - WALL RW1

NOTES:

1. MT ST HELENS GRAY PIGMENTED SEALER SHALL BE APPLIED TO ALL EXPOSED WALL AREAS TO A DEPTH 1' BELOW GROUND LINE.
2. MODIFIED SINGLE SLOPE BARRIER WALL, STRUCTURAL DETAILS TO BE PROVIDED AT NEXT SUBMITTAL.

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08830\Stage 3_Y-11834_PP_WA_01.dgn
TIME	4:27:42 PM
DATE	5/4/2021
PLOTTED BY	p0024020
DESIGNED BY	Z. BROWN
ENTERED BY	K. MCWILLIAMS
CHECKED BY	Z. STRONG
PROJ. ENGR.	K. NDILE
REGIONAL ADM.	M. COTTEN

NO	REVISION	DATE	BY

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

ZACHARY R. BROWN — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

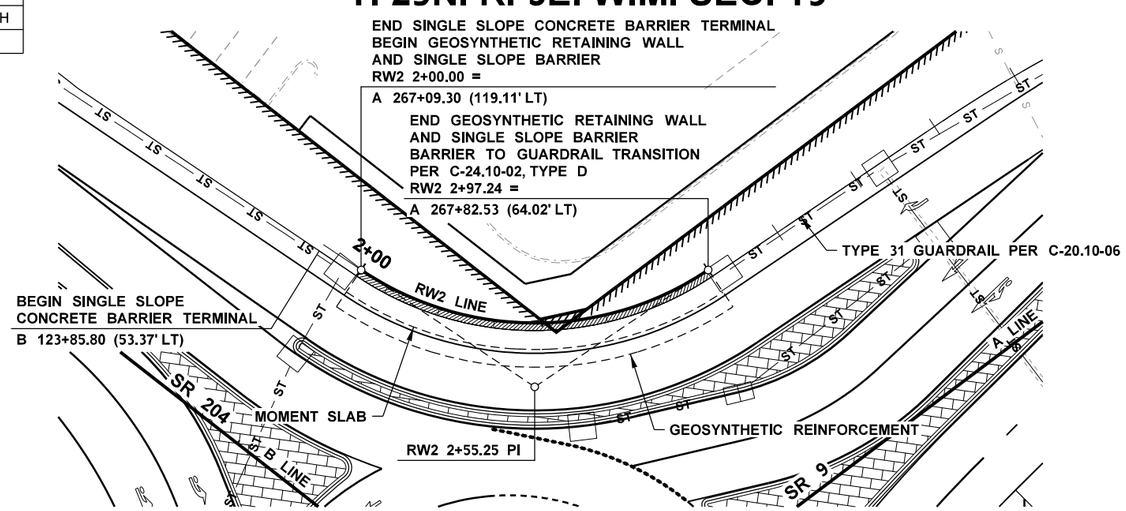
WALL PLAN AND PROFILE

PLAN REF NO WA01
SHEET
OF
SHEETS

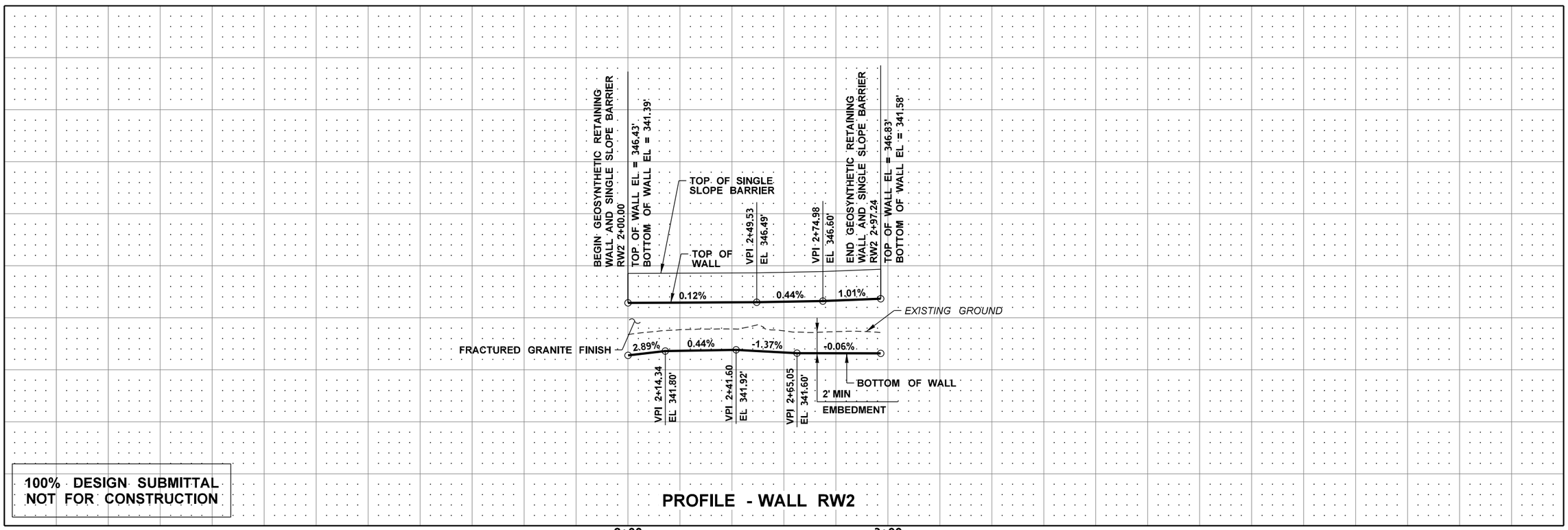
CURVE DATA				
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
RW2 2+55.25	67°56'28" LT	82.00'	55.25'	97.24'

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
RW2 2+00.00	696527.34	1656844.68
RW2 2+97.24	696605.50	1656892.53

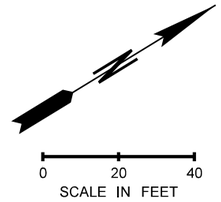
T. 29N. R. 5E. W.M. SEC. 13



PLAN - WALL RW2



PROFILE - WALL RW2



NOTES:

1. MT ST HELENS GRAY PIGMENTED SEALER SHALL BE APPLIED TO ALL EXPOSED WALL AREAS TO A DEPTH 1' BELOW GROUND LINE.
2. GEOSYNTHETIC WALL SINGLE SLOPE TRAFFIC BARRIER IN ACCORDANCE WITH STANDARD PLAN D-3.15-02.
3. GEOSYNTHETIC RETAINING WALL, TYPE 1 IN ACCORDANCE WITH STANDARD PLAN D-3.09-00.

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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TIME	4:28:02 PM					10	WASH	
DATE	5/4/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	Z. BROWN							
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	Z. STRONG					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 21600 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

WALL PLAN AND PROFILE

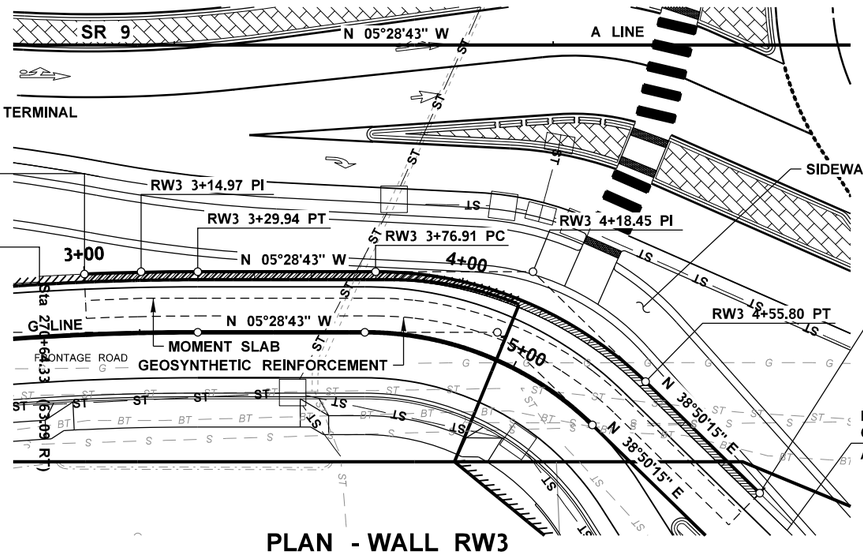
PLAN REF NO
WA02

SHEET
OF
SHEETS

CURVE DATA				
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
RW3 3+14.97	2°25'48" RT	706.00'	14.97'	29.94'
RW3 4+18.45	44°18'58" RT	102.00'	41.54'	78.89'

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
RW3 3+00.00	696909.74	1656988.41
RW3 4+97.96	697092.77	1657028.96

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

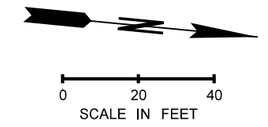


BEGIN SINGLE SLOPE CONCRETE BARRIER TERMINAL
A 270+64.33 (63.09' RT)

END SINGLE SLOPE CONCRETE BARRIER TERMINAL
BEGIN GEOSYNTHETIC RETAINING WALL AND SINGLE SLOPE BARRIER
RW3 3+00.00 PC =
A 270+76.22 POT (60.48' RT)

END GEOSYNTHETIC RETAINING WALL AND SINGLE SLOPE BARRIER
BEGIN SINGLE SLOPE CONCRETE BARRIER TERMINAL
RW3 4+97.96 POT =
A 272+54.55 POT (118.31' RT)

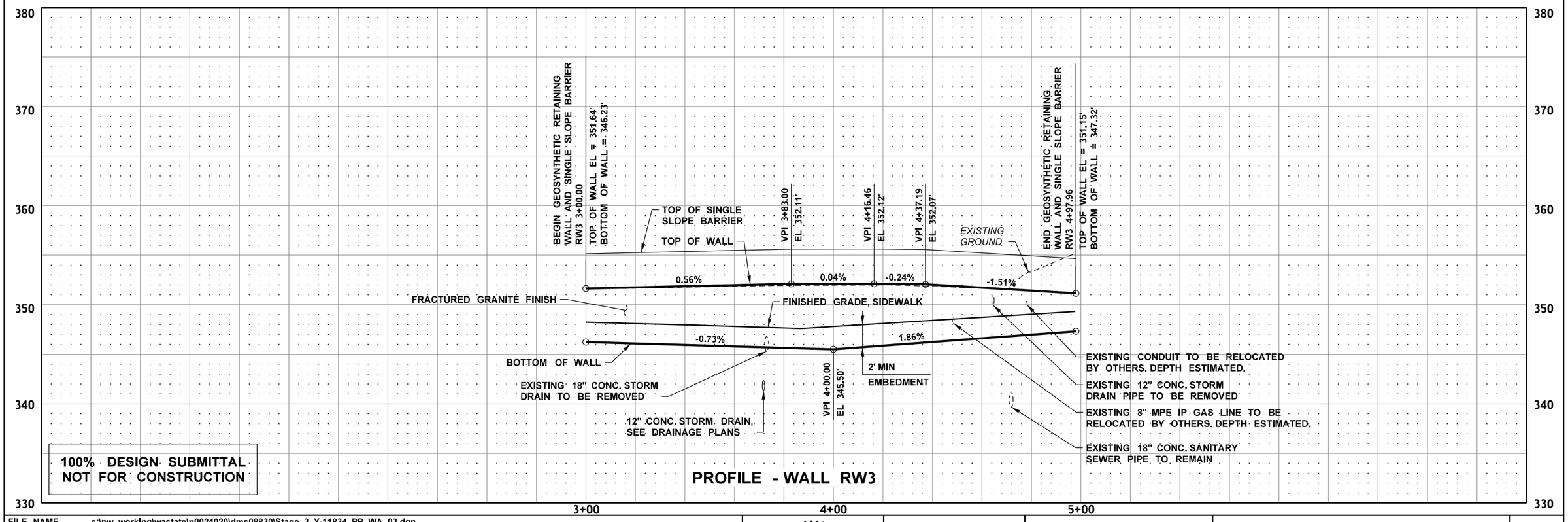
END SINGLE SLOPE CONCRETE BARRIER TERMINAL
A 272+61.73, (128.13' RT)



NOTES:

1. MT ST HELENS GRAY PIGMENTED SEALER SHALL BE APPLIED TO ALL EXPOSED WALL AREAS TO A DEPTH 1' BELOW GROUND LINE.
2. MODIFIED GEOSYNTHETIC WALL SINGLE SLOPE TRAFFIC BARRIER DETAILS TO BE PROVIDED AT NEXT SUBMITTAL.
3. GEOSYNTHETIC RETAINING WALL, TYPE 1 IN ACCORDANCE WITH STANDARD PLAN D-3.09-00.
4. GEOSYNTHETIC RETAINING WALL FACIA IN ACCORDANCE WITH STANDARD PLAN D-3.10-01 OR D-3.11-03.

PLAN - WALL RW3



PROFILE - WALL RW3

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

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TIME	4:28:20 PM				
DATE	5/4/2021				
PLOTTED BY	p0024020				
DESIGNED BY	Z. BROWN				
ENTERED BY	K. MCWILLIAMS				
CHECKED BY	Z. STRONG				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY

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

ZACHARY R. BROWN STATE OF WASHINGTON 21622 REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

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Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

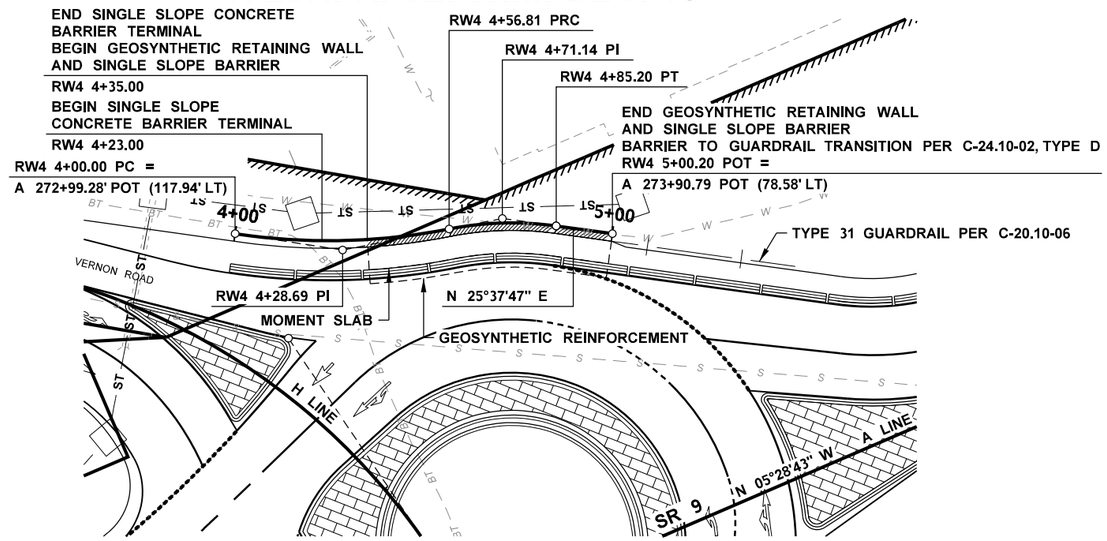
WALL PLAN AND PROFILE

PLAN REF NO WA03
SHEET
OF
SHEETS

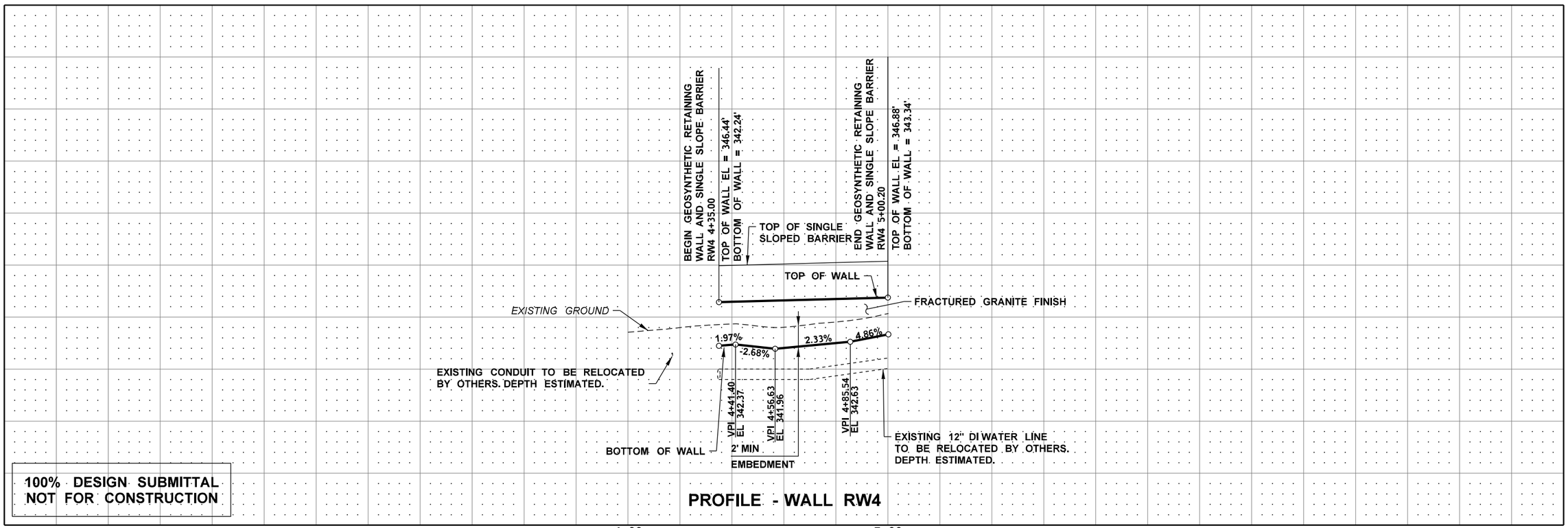
CURVE DATA				
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH
RW4 4+28.69	19°47'14" LT	164.50'	28.69'	56.81'
RW4 4+71.14	19°01'20" RT	85.50'	14.32'	28.39'

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
RW4 4+00.00	697114.74	1656789.51
RW4 5+00.20	697209.59	1656819.95

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



PLAN - WALL RW4



PROFILE - WALL RW4

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

0 20 40
SCALE IN FEET

NOTES:

1. MT ST HELENS GRAY PIGMENTED SEALER SHALL BE APPLIED TO ALL EXPOSED WALL AREAS TO A DEPTH 1' BELOW GROUND LINE.
2. MODIFIED GEOSYNTHETIC WALL SINGLE SLOPE TRAFFIC BARRIER DETAILS TO BE PROVIDED AT NEXT SUBMITTAL.
3. GEOSYNTHETIC RETAINING WALL, TYPE 1 IN ACCORDANCE WITH STANDARD PLAN D-3.09-00.
4. GEOSYNTHETIC RETAINING WALL FACIA IN ACCORDANCE WITH STANDARD PLAN D-3.10-01 OR D-3.11-03.

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08830\Stage_3_Y-11834_PP_WA_04.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	4:28:39 PM					10	WASH	
DATE	5/4/2021					JOB NUMBER		
PLOTTED BY	p0024020							
DESIGNED BY	Z. BROWN					CONTRACT NO.		LOCATION NO.
ENTERED BY	K. MCWILLIAMS							
CHECKED BY	Z. STRONG							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

ZACHARY R. BROWN — STATE OF WASHINGTON — 22782 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

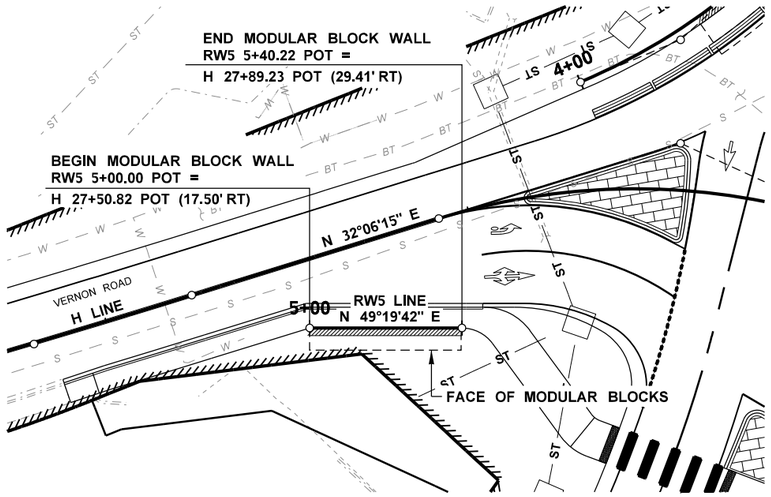
WALL PLAN AND PROFILE

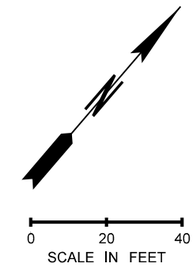
PLAN REF NO
WA04

SHEET
OF
SHEETS

ALIGNMENT COORDINATES		
STATION	NORTHING	EASTING
RW5 5+00.00	697018.88	1656777.58
RW5 5+40.22	697045.09	1656808.08

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



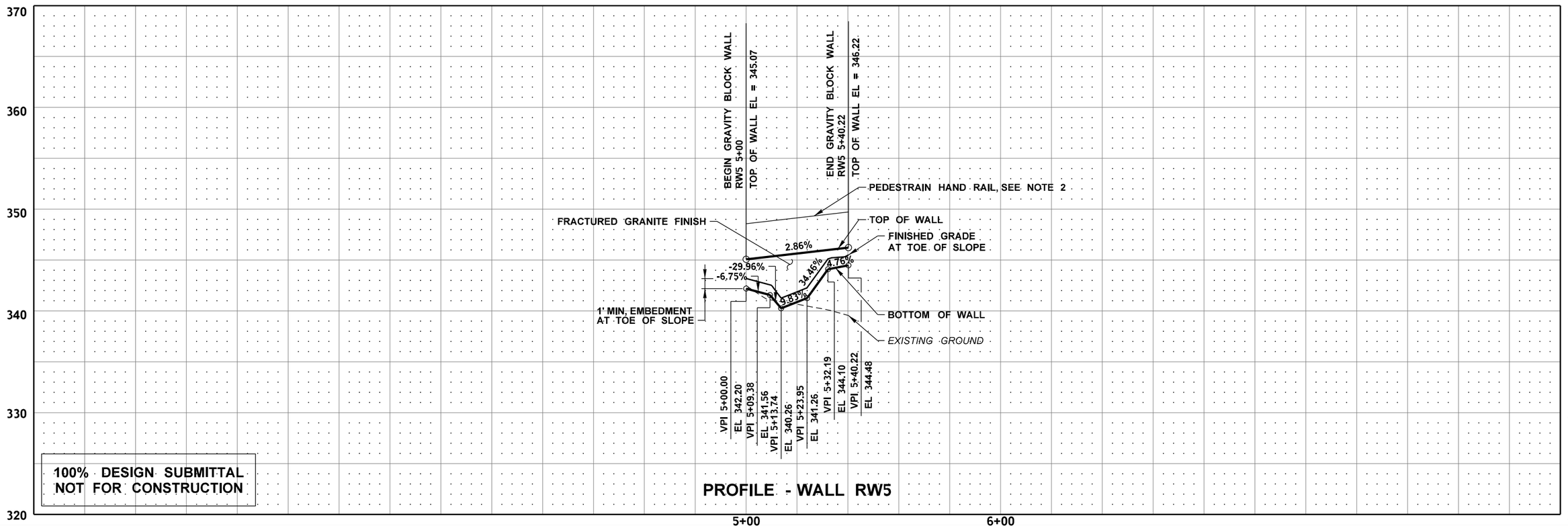


NOTES:

1. MT ST HELENS GRAY PIGMENTED SEALER SHALL BE APPLIED TO ALL EXPOSED WALL AREAS TO A DEPTH 1' BELOW GROUND LINE.
2. GRAVITY BLOCK WALL, SEE SHEET WAD01 FOR ADDITIONAL DETAILS. TO BE PROVIDED AT NEXT SUBMITTAL.

PLAN - WALL RW5

PROFILE - WALL RW5



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

FILE NAME	c:\pw_workIng\wastate\p0024020\dms08830\Stage_3_Y-11834_PP_WA_05.dgn					REGION NO.	STATE	FED.AID PROJ.NO.	
TIME	4:28:55 PM					10	WASH		
DATE	5/4/2021					JOB NUMBER			
PLOTTED BY	p0024020								
DESIGNED BY	Z. BROWN					CONTRACT NO.		LOCATION NO.	
ENTERED BY	K. MCWILLIAMS								
CHECKED BY	Z. STRONG								
PROJ. ENGR.	K. NDILE								
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY				

ZACHARY R. BROWN — STATE OF WASHINGTON — 21624 — REGISTERED PROFESSIONAL ENGINEER
P.E. STAMP BOX
DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

WALL PLAN AND PROFILE

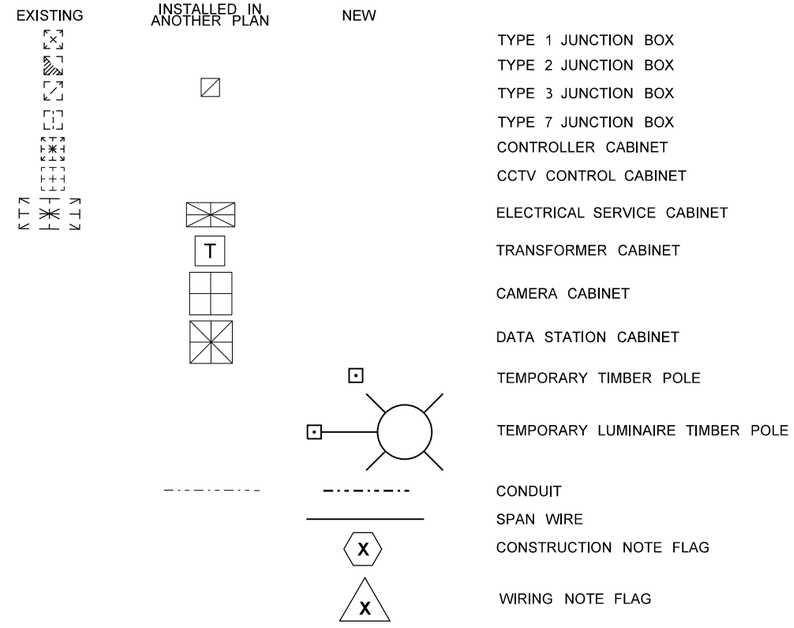
PLAN REF NO
WA05

SHEET
OF
SHEETS

⬡ CONSTRUCTION NOTES:

1. INSTALL TEMPORARY 50' CLASS V TIMBER POLE. ATTACH TEMPORARY LED LUMINAIRE (400W HPS EQUIVALENT). REMOVE AFTER PERMANENT ILLUMINATION IS OPERATIONAL.
2. INSTALL JUNCTION BOX AND CONDUIT PER PERMANENT ILLUMINATION PLANS. SEE SHEET IL3.
3. INSTALL TEMPORARY 50' CLASS V TIMBER POLE. ROUTE 2" CONDUIT WITH WEATHERHEAD DOWN POLE INTO PERMANENT JUNCTION BOX. REMOVE AFTER PERMANENT ILLUMINATION IS OPERATIONAL.
4. INSTALL PERMANENT TYPE E SERVICE CABINET. SEE ILLUMINATION PLANS FOR SERVICE CABINET DETAILS AND BREAKER SCHEDULE. COORDINATE WITH ITS PLANS FOR TYPE A (NARROW) 4-CABINET FOUNDATION INSTALLATION.

LEGEND



TYPE 1 JUNCTION BOX
TYPE 2 JUNCTION BOX
TYPE 3 JUNCTION BOX
TYPE 7 JUNCTION BOX
CONTROLLER CABINET
CCTV CONTROL CABINET
ELECTRICAL SERVICE CABINET
TRANSFORMER CABINET
CAMERA CABINET
DATA STATION CABINET
TEMPORARY TIMBER POLE
TEMPORARY LUMINAIRE TIMBER POLE
CONDUIT
SPAN WIRE
CONSTRUCTION NOTE FLAG
WIRING NOTE FLAG

△ WIRING SCHEDULE

RUN NO.	CONDUIT	CONDUCTOR	REMARK
1	SPAN WIRE	TRIPLEX	TEMPORARY ILLUMINATION
2	2"	2-#8	TEMPORARY ILLUMINATION - REMOVE AFTER PERMANENT ILLUMINATION INSTALLED
3	2"	2-#8	TEMPORARY ILLUMINATION
		**	INSTALLED IN PERMANENT ILLUMINATION PLANS
	2"		SPARE

FILE NAME	T:\414124\ITS\SR9\XL4989_Phase 3_SR 204 Intersection Improvements\CAD\Y-11834_PS_TIL.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
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DATE	5/3/2021				JOB NUMBER		
PLOTTED BY	wooc						
DESIGNED BY	C. WOO				CONTRACT NO.		LOCATION NO.
ENTERED BY	C. WOO						
CHECKED BY	E. HAVENS						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

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

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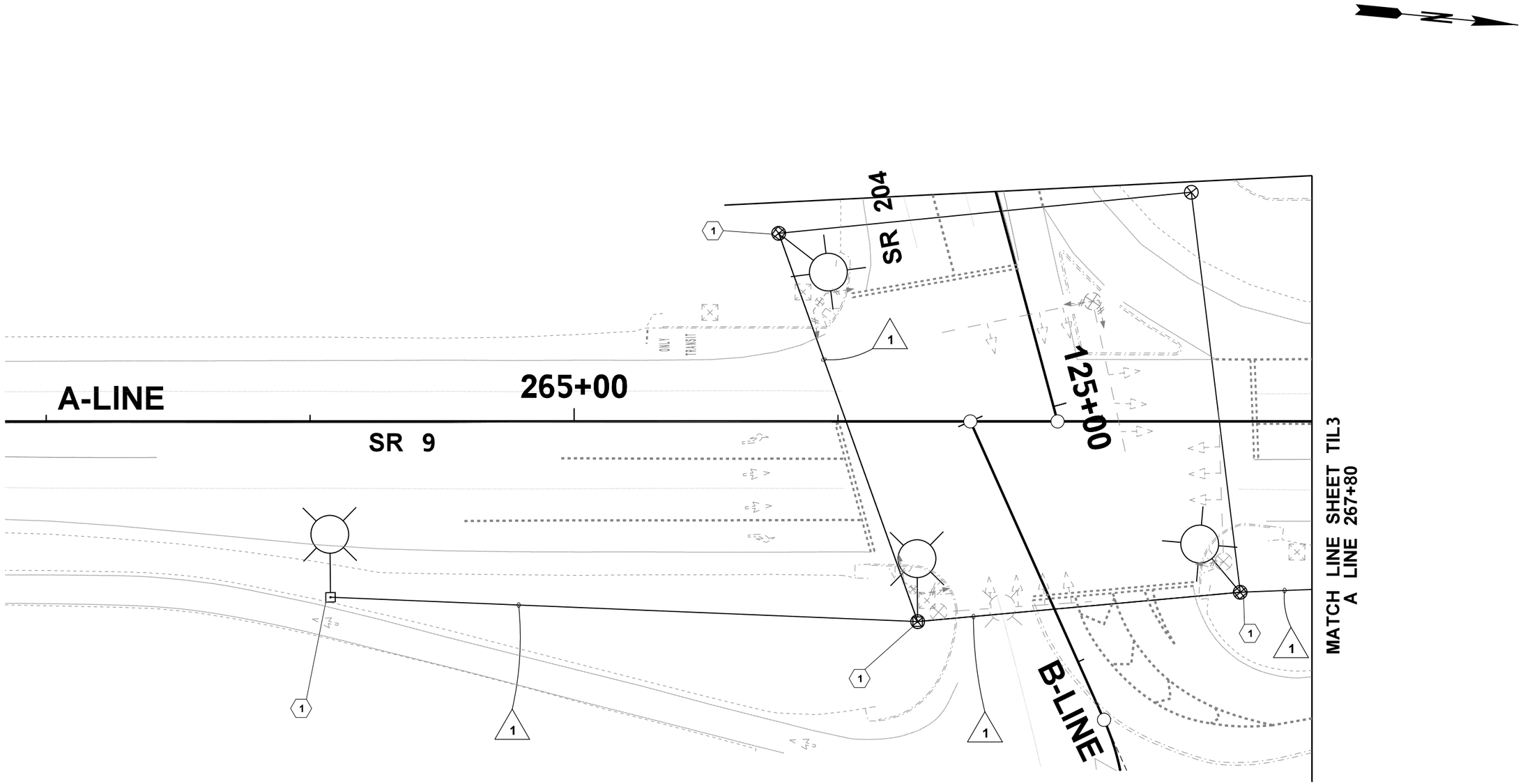
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)
TEMPORARY ILLUMINATION PLANS

Plot 1
PLAN REF NO
TIL1
SHEET
OF
SHEETS



NOTE: FOR CONSTRUCTION NOTES, WIRE NOTES, AND LEGEND SEE SHEET TIL1.

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

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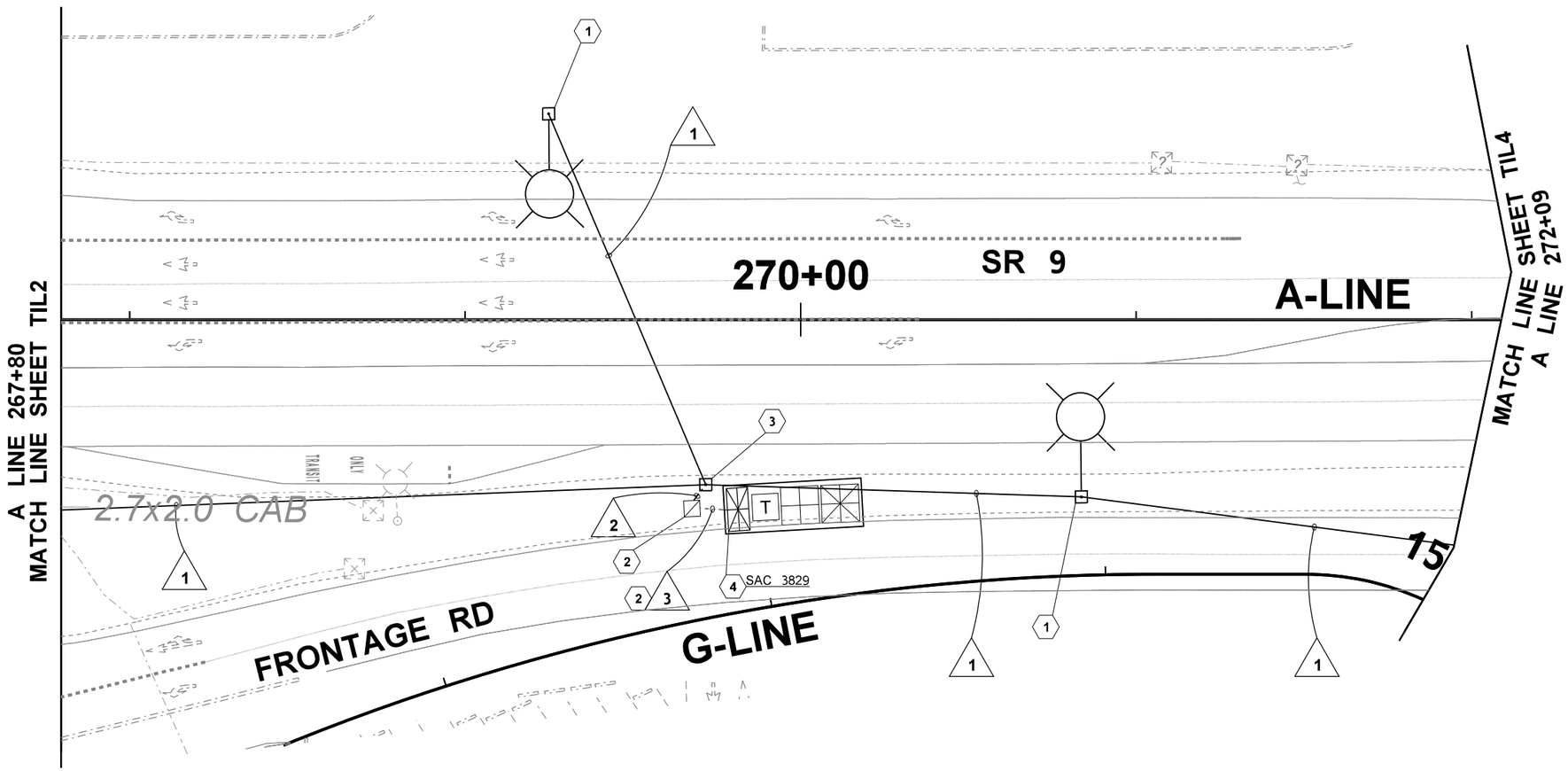
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TEMPORARY ILLUMINATION PLANS

Plot 2

PLAN REF NO
TIL2

SHEET
OF
SHEETS



NOTE: FOR CONSTRUCTION NOTES, WIRE NOTES, AND LEGEND SEE SHEET TIL1.

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

DUKE HUU DO — STATE OF WASHINGTON — 31740 — REGISTERED PROFESSIONAL ENGINEER
DATE
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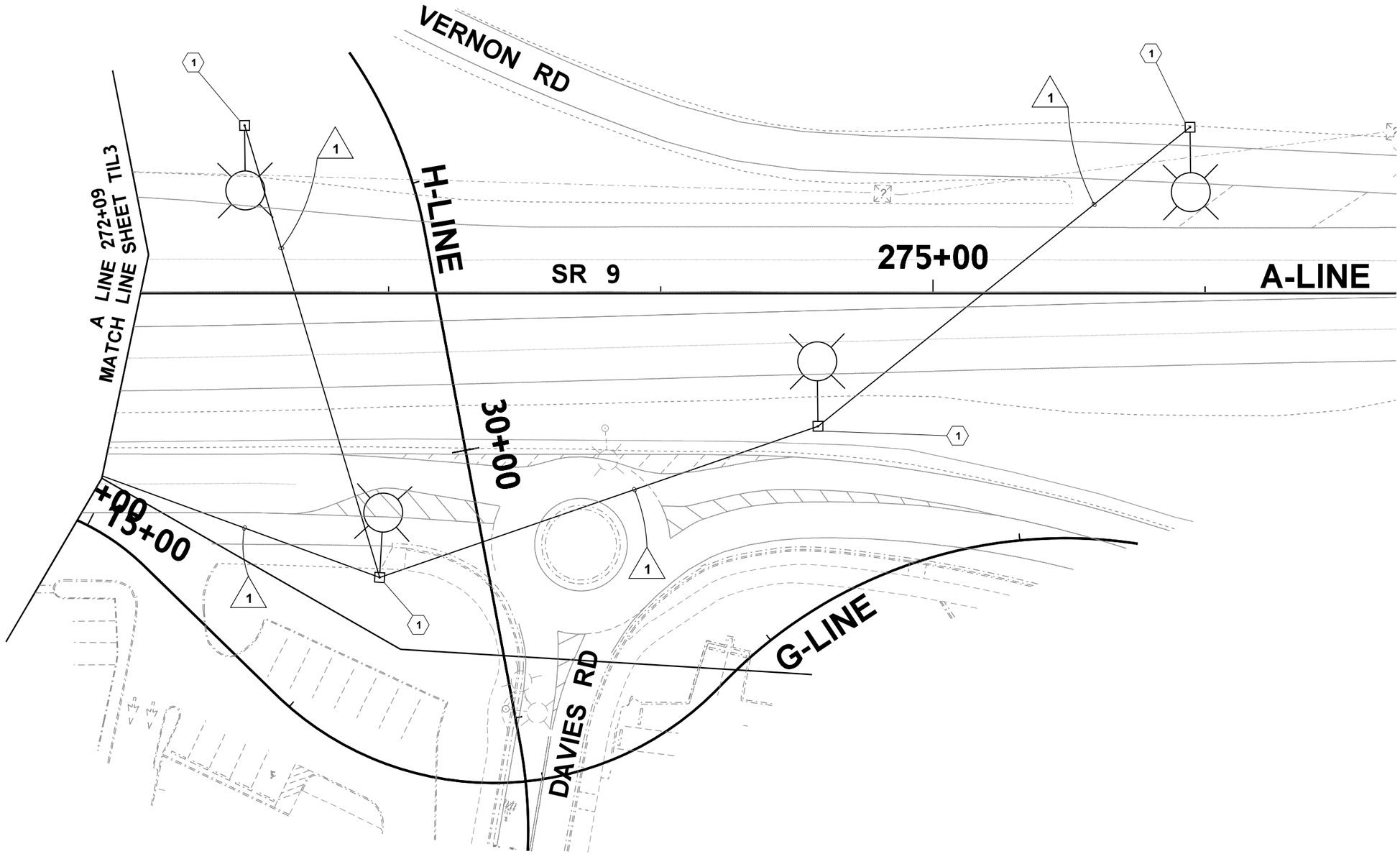
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)
TEMPORARY ILLUMINATION PLANS

Plot 3
PLAN REF NO
TIL3
SHEET
OF
SHEETS



NOTE: FOR CONSTRUCTION NOTES, WIRE NOTES, AND LEGEND SEE SHEET TIL1.

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

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SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TEMPORARY ILLUMINATION PLANS

Plot 4
PLAN REF NO **TIL4**
SHEET OF SHEETS

CONSTRUCTION NOTES:

1. INSTALL TYPE E 240/480V SERVICE CABINET. COORDINATE FOUNDATION INSTALLATION WITH ITS PLANS. COORDINATE POWER CONNECTION AND METER INSTALLATION WITH THE UTILITY COMPANY THROUGH THE ENGINEER.
2. CONSTRUCT FOUNDATION AND INSTALL LIGHT STANDARD PER LUMINAIRE SCHEDULE.
3. LUMINAIRE TO BE INSTALLED BY UTILITY COMPANY.
4. COORDINATE OPEN TRENCHING WITH ITS PLANS TO UTILIZE THE SAME TRENCH.
5. INSTALL A ONE FOOT WIDE AND ONE FOOT DEEP CONCRETE CEMENT COLLAR AROUND PERIMETER OF JUNCTION BOX. THE EXPOSED PORTIONS SHALL BE FORMED TO HAVE A NEAT APPEARANCE. THE TOP EDGE SHALL HAVE 3/4 INCH CHAMFER ON THE TOP EDGE OF THE FOUNDATION. THE CONCRETE EDGE SHALL BE COMMERCIAL CONCRETE PER STANDARD SPECIFICATION 6-02.3(2)B.SCHEDULE.
6. CONSTRUCT FOUNDATION AND INSTALL LIGHT STANDARD WITH INTEGRATED JUNCTION BOX. SEE DETAIL ON SHEET IL7.

BREAKER SCHEDULE SAC 3829
TYPE E SERVICE 240/480V

CIRCUIT	DESCRIPTION	BREAKER RATING	CONTACTOR RATING	VOLTAGE	LOAD (KVA)
---	MAIN	200 AMP	---	---	---
A	ILLUMINATION A	15 AMP	30 AMP	480	2.48
B	ILLUMINATION B	15 AMP	30 AMP	480	2.31
C	SPARE ILLUMINATION C	15 AMP	30 AMP	480	0.0
D	SPARE ILLUMINATION D	15 AMP	30 AMP	480	0.0
E	SPARE ILLUMINATION E	15 AMP	30 AMP	480	0.0
F	009xf01581	15 AMP	N/A	480	7.5
G	009xf01590	15 AMP	N/A	480	7.5
H	SPARE	15 AMP	N/A	480	0.0
I	SPARE	15 AMP	N/A	480	0.0
J	SPARE	20 AMP	N/A	480	0.0
K	SPARE	20 AMP	N/A	480	0.0
L	INTERNAL TRANSFORMER	15 AMP	N/A	480	3.0
II	TRANSFORMER SECONDARY	35 AMP	N/A	120	---
I-1	GFCI	20 AMP	N/A	120	1.8
I-2	HEAT STRIP	15 AMP	N/A	120	0.1
I-3	PHOTOCELL	15 AMP	N/A	120	0.001
BUSSWORK SHALL BE RATED AT 250 AMP MINIMUM			PEAK		24.69
			CONTINUOUS		21.74

LEGEND

NEW

- TYPE 1 JUNCTION BOX
- TYPE 2 JUNCTION BOX
- TYPE 8 JUNCTION BOX
- ELECTRICAL SERVICE CABINET
- LUMINAIRE STANDARD
- CONDUIT
- X — CONSTRUCTION NOTE FLAG
- X — WIRING NOTE FLAG

△WIRING SCHEDULE

RUN NO.	CONDUIT	CONDUCTOR	REMARK
1	2"	4-#4	ILLUMINATION (A,B)
		*EX	SEE ITS PLANS
	2"		SPARE
2	2"	4-#4	ILLUMINATION (A,B)
		*EX	SEE ITS PLANS
		**EX	SEE RRFB PLANS
3	2"	2-#8	ILLUMINATION (A)
4	2"	2-#8	ILLUMINATION (B)
5	2"	4-#4	ILLUMINATION (A,B)
		**EX	SEE RRFB PLANS
6	2"	4-#4	ILLUMINATION (A,B)
	2"		SPARE
7	2"	4-#4	ILLUMINATION (A,B)
8	2"	4-#4	ILLUMINATION (A,B)
		*EX	SEE ITS PLANS
		**EX	SEE RRFB PLANS
	2"		SPARE
9	2"	2-#6	ILLUMINATION (A)
		*EX	SEE ITS PLANS
		**EX	SEE RRFB PLANS
10	2"	2-#8	ILLUMINATION (A)
	2"		SPARE
11	2"	4-#8	ILLUMINATION (A,B)
12	1"	2-#10	ILLUMINATION (A)
13	1"	2-#10	ILLUMINATION (B)

*ADDITIONAL CONDUCTOR INSTALLED IN ITS PLANS
**ADDITIONAL CONDUCTOR INSTALLED IN RRFB PLANS

LUMINAIRE SCHEDULE — **SERVICE NO. SAC 3829**

LUMINAIRE NUMBER	CIRCUIT	LOCATION STATION	LOCATION OFFSET	WATTAGE	MAST ARM	H1	BASE TYPE	COMMENTS
1	A	A-LINE 262+47.9	51.0' RT	LED (400W HPS EQUIVALENT)	16'	40'	SLIP	TYPE A FOUNDATION
2	B	A-LINE 263+75.0	66.4' RT	LED (250W HPS EQUIVALENT)	16'	40'	FIXED	TYPE A FOUNDATION
3	B	A-LINE 264+30.7	56.2' LT	LED (250W HPS EQUIVALENT)	16'	40'	FIXED	SPECIAL DESIGN FOUNDATION
4	A	A-LINE 265+20.0	88.2' RT	LED (400W HPS EQUIVALENT)	16'	40'	FIXED	TYPE A FOUNDATION
5	B	A-LINE 265+74.6	66.2' LT	LED (250W HPS EQUIVALENT)	16'	40'	SLIP	SPECIAL DESIGN FOUNDATION
6	B	B-LINE 9+31.7	67.1' RT	LED (400W HPS EQUIVALENT)	16'	40'	SLIP	TYPE A FOUNDATION
7	A	B-LINE 9+24.2	50.3' LT	LED (250W HPS EQUIVALENT)	16'	40'	SLIP	TYPE A FOUNDATION
8	A	A-LINE 267+66.2	72.5' LT	LED (250W HPS EQUIVALENT)	16'	40'	FIXED	TYPE A FOUNDATION
9	A	B-LINE 123+22.3	44.4' RT	LED (400W HPS EQUIVALENT)	16'	40'	SLIP	SPECIAL DESIGN FOUNDATION
10	B	A-LINE 268+18.0	58.0' RT	LED (250W HPS EQUIVALENT)	16'	40'	FIXED	TYPE A FOUNDATION
11	B	A-LINE 268+95.0	67.3' LT	LED (250W HPS EQUIVALENT)	16'	40'	FIXED	TYPE A FOUNDATION
12	A	A-LINE 269+46.0	50.3' RT	LED (250W HPS EQUIVALENT)	16'	40'	FIXED	TYPE B FOUNDATION
13	A	A-LINE 270+68.6	48.3' LT	LED (400W HPS EQUIVALENT)	16'	40'	SLIP	TYPE B FOUNDATION
14	B	A-LINE 271+58.5	43.9' RT	LED (400W HPS EQUIVALENT)	16'	40'	SLIP	TYPE B FOUNDATION
15	A	A-LINE 272+38.3	69.3' LT	LED (400W HPS EQUIVALENT)	16'	40'	SLIP	SPECIAL DESIGN FOUNDATION
16	B	A-LINE 273+71.1	91.3' LT	LED (400W HPS EQUIVALENT)	16'	40'	FIXED	TYPE B FOUNDATION
17	B	H-LINE 30+50.1	49.1' LT	LED (400W HPS EQUIVALENT)	16'	40'	SLIP	TYPE A FOUNDATION
18	A	A-LINE 274+36.3	53.9' RT	LED (250W HPS EQUIVALENT)	16'	40'	SLIP	TYPE A FOUNDATION
19	B	A-LINE 275+64.6	36.2' RT	LED (400W HPS EQUIVALENT)	16'	40'	SLIP	TYPE B FOUNDATION
20	A	A-LINE 276+96.5	42.1' LT	LED (250W HPS EQUIVALENT)	16'	40'	SLIP	TYPE B FOUNDATION
21	A	G-LINE 15+28.3	29.1' RT	LED (250W HPS EQUIVALENT)	16'	40'	FIXED	TYPE A FOUNDATION
22	B	G-LINE 16+49.8	61.2' RT	LED (250W HPS EQUIVALENT)	16'	40'	FIXED	TYPE A FOUNDATION
23	A	H-LINE 32+53.5	22.5' LT	LED (250W HPS EQUIVALENT)	16'	40'	FIXED	TYPE A FOUNDATION

LUMINAIRE SCHEDULE

LUMINAIRE NUMBER	CIRCUIT	LOCATION STATION	LOCATION OFFSET	WATTAGE	MAST ARM	H1	BASE TYPE	COMMENTS
24				LED (250W HPS EQUIVALENT)	16'	40'		INSTALLED BY OTHERS
25				LED (250W HPS EQUIVALENT)	16'	40'		INSTALLED BY OTHERS
26				LED (250W HPS EQUIVALENT)	16'	40'		INSTALLED BY OTHERS
27				LED (250W HPS EQUIVALENT)	16'	40'		INSTALLED BY OTHERS

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DESIGNED BY	C. WOO							
ENTERED BY	C. WOO							
CHECKED BY	E. HAVENS				CONTRACT NO.		LOCATION NO.	
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY				

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

DATE
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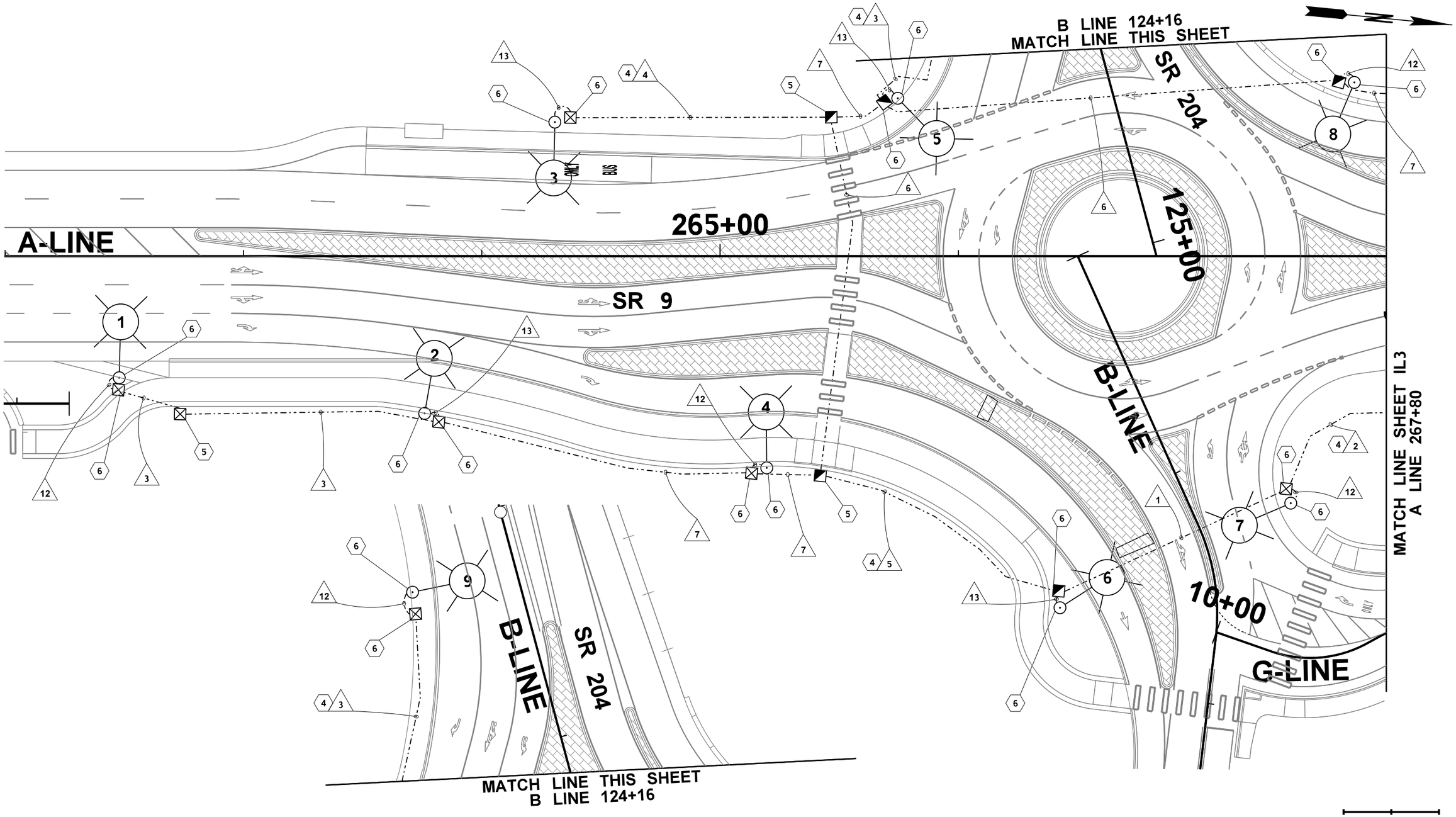
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)
ILLUMINATION PLANS

Plot 4
PLAN REF NO
IL1
SHEET
OF
SHEETS



NOTE: FOR BREAKER SCHEDULE, CONSTRUCTION NOTES, WIRE NOTES, AND LEGEND SEE SHEET IL1.

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

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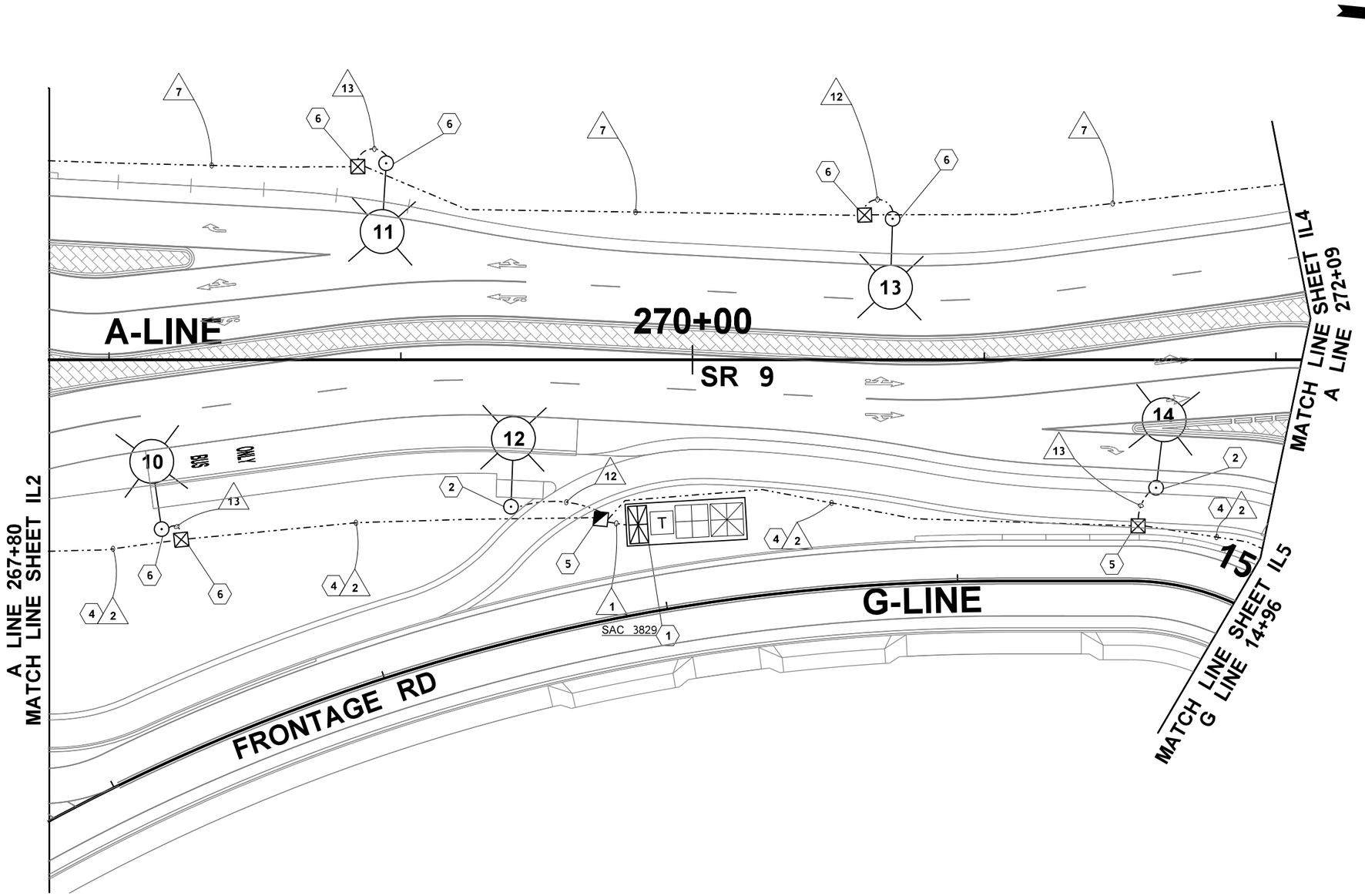
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

ILLUMINATION PLANS

Plot 5

PLAN REF NO
IL2

SHEET
OF
SHEETS



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

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DATE
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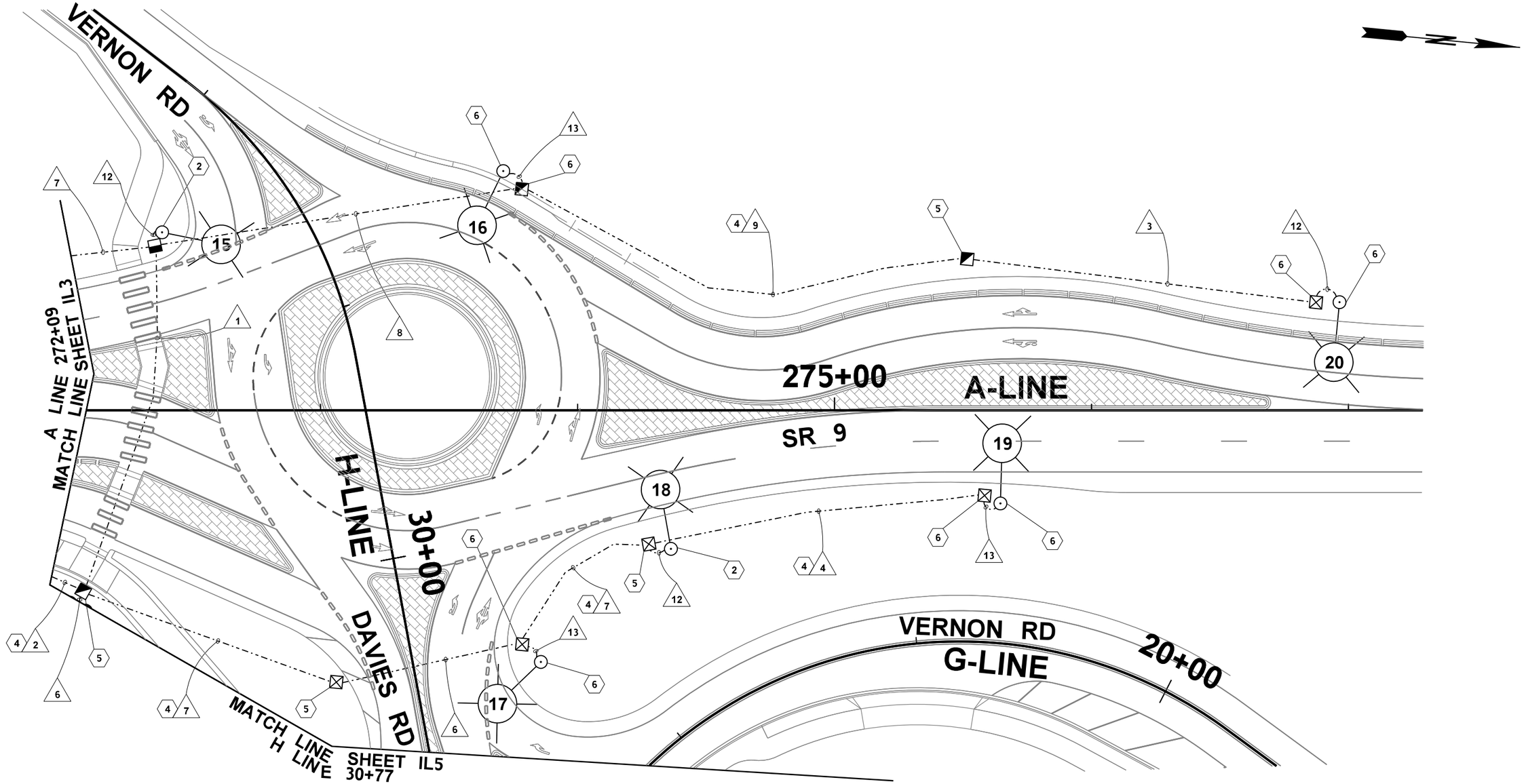
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

ILLUMINATION PLANS

Plot 6

PLAN REF NO
IL3

SHEET
OF
SHEETS



NOTE: FOR BREAKER SCHEDULE, CONSTRUCTION NOTES, WIRE NOTES, AND LEGEND SEE SHEET IL1.

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ENTERED BY	C. WOO							SHEETS
CHECKED BY	E. HAVENS							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY				

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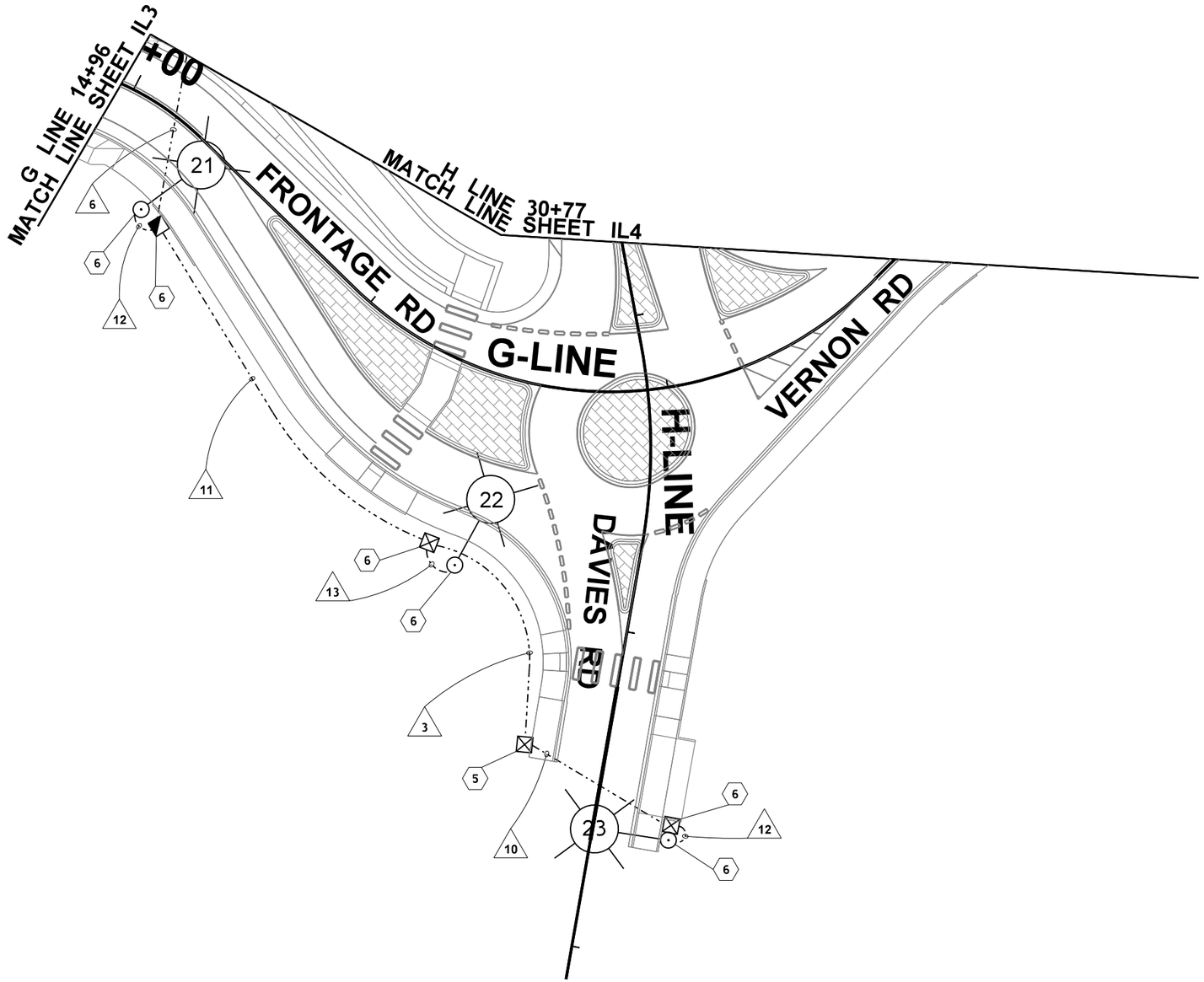
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

ILLUMINATION PLANS



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NOTE: FOR BREAKER SCHEDULE, CONSTRUCTION NOTES, WIRE NOTES, AND LEGEND SEE SHEET IL1.

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STATE OF WASHINGTON
31740
REGISTERED
PROFESSIONAL ENGINEER
DATE
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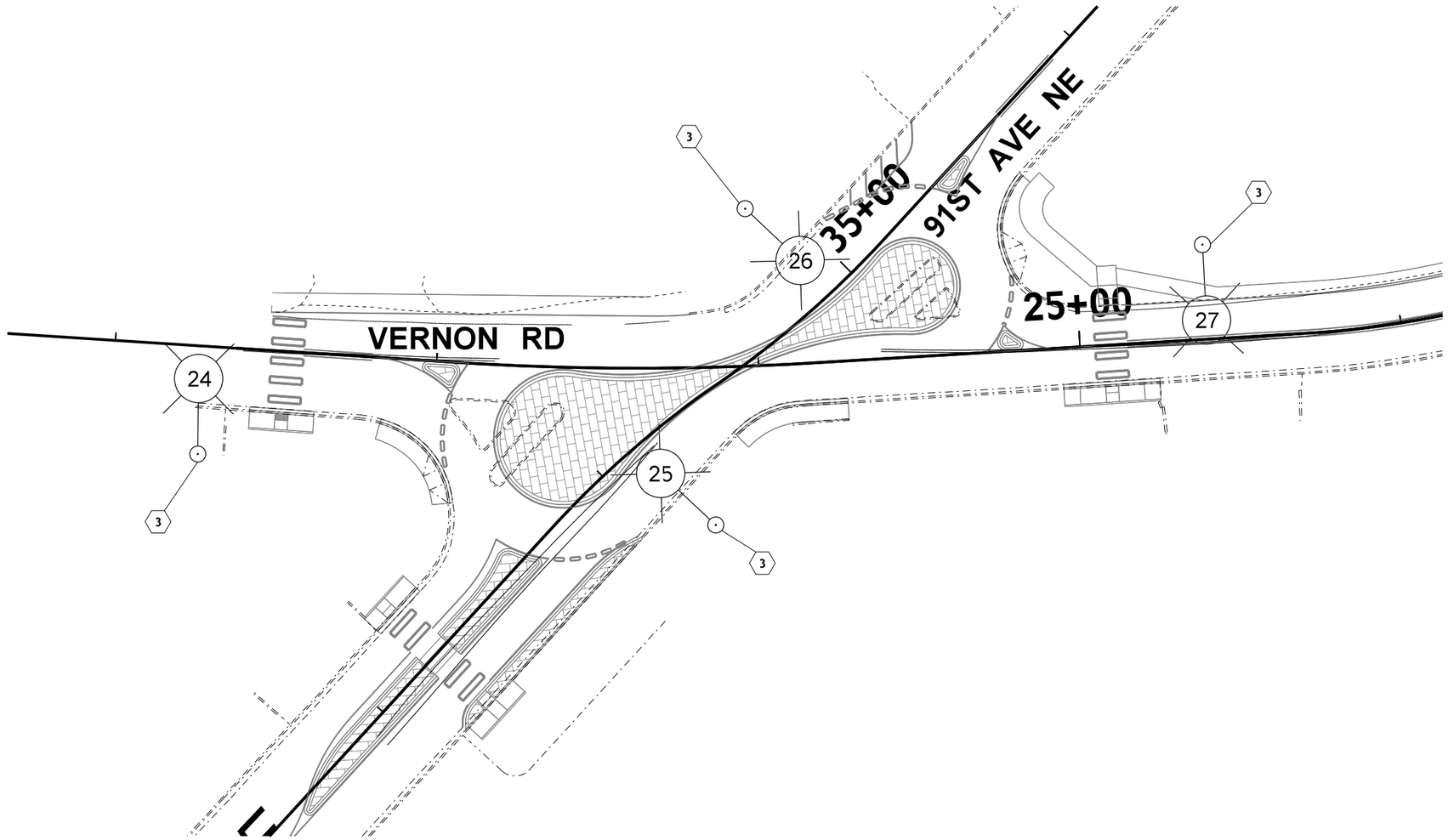
Department of Transportation

SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 3)

ILLUMINATION PLANS

Plot 8
PLAN REF NO
IL5
SHEET
OF
SHEETS



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NOTE: FOR CONSTRUCTION NOTES, WIRE NOTES, AND LEGEND SEE SHEET IL1.

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CHECKED BY	E. HAVENS						
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REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

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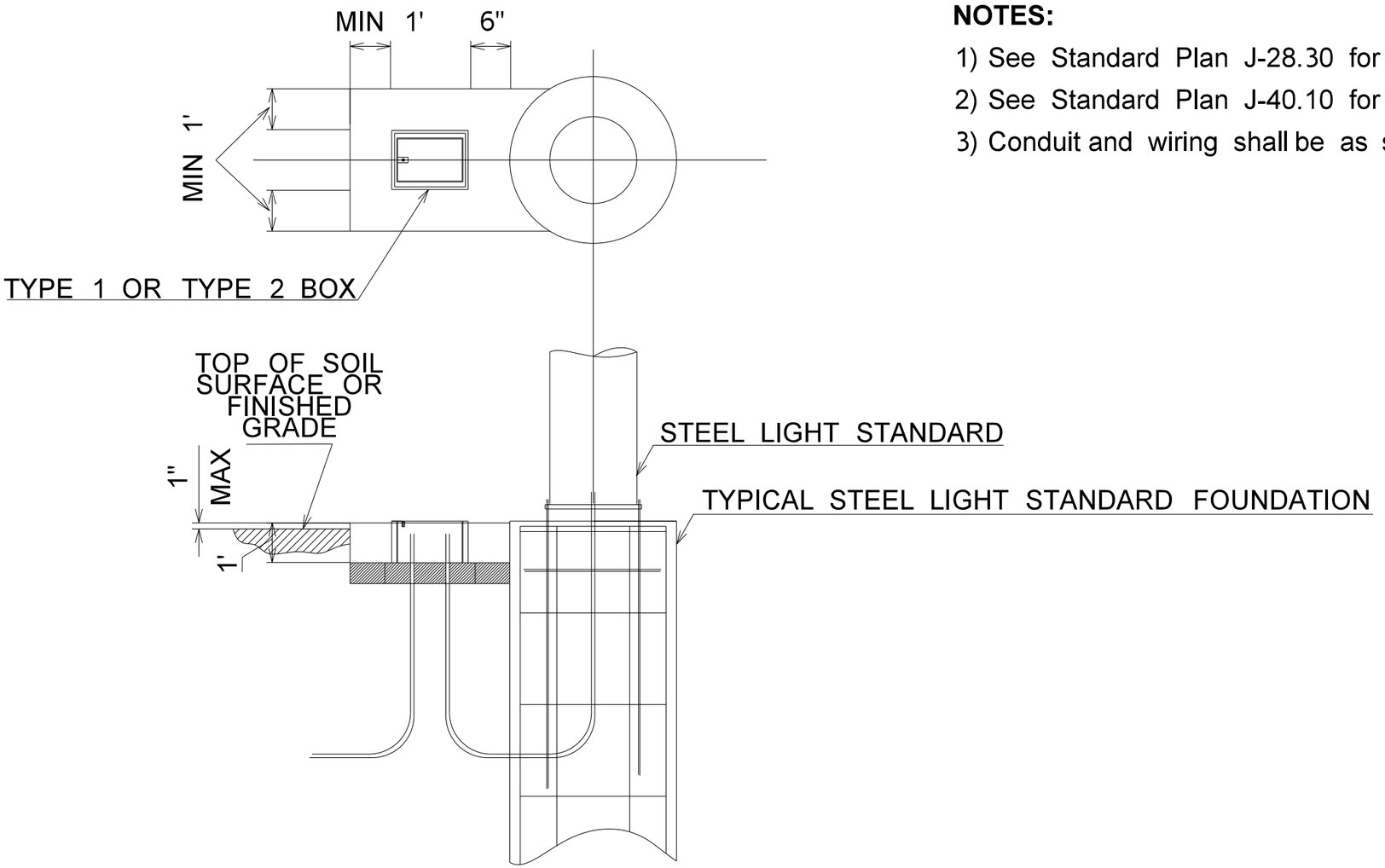
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)
ILLUMINATION PLANS

Plot 9
PLAN REF NO
IL6
SHEET
OF
SHEETS



TYPICAL STEEL LIGHT STANDARD FOUNDATION

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)

FILE NAME	T:\414124\ITS\SR9\XL4989_Phase 3_SR 204 Intersection Improvements\CAD\Y-11834_PS_IL.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
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SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 3)

ILLUMINATION DETAILS

Plot 10
PLAN REF NO
IL7
SHEET
OF
SHEETS

CONSTRUCTION NOTES:

1. INSTALL TYPE FB FOUNDATION WITH SLIP BASE, TYPE FB POLE AND SINGLE-SIDED RRFB SYSTEM IN ACCORDANCE WITH RRFB DETAIL SHEET RFB4 AND THE MANUFACTURER'S RECOMMENDATION. INSTALL PPB FACING TOWARDS CROSSWALK, SIGN ARROW(S) POINTING LEFT AND/OR RIGHT PARALLELED WITH ASSOCIATED CROSSWALK.
2. COORDINATE WITH ILLUMINATION PLANS FOR JUNCTION BOX LOCATION.
3. TERMINATE RRFB CIRCUIT IN TRANSFORMER. SEE ITS PLANS FOR TRANSFORMER INSTALLATION AND BREAKER SCHEDULE.
4. INSTALL TYPE FB FOUNDATION WITH SLIP BASE, TYPE FB POLE AND DOUBLE-SIDED RRFB SYSTEM IN ACCORDANCE WITH RRFB DETAIL SHEET RFB4 AND THE MANUFACTURER'S RECOMMENDATION. INSTALL PPB FACING TOWARDS CROSSWALK, SIGN ARROW(S) POINTING LEFT AND/OR RIGHT PARALLELED WITH ASSOCIATED CROSSWALK.

Legend

Installed In Another Plan	New	
☒	☒	Type 1 Junction Box
▨	▨	Type 2 Junction Box
▯	▯	Type 8 Junction Box
T	T	Transformer Cabinet
▩	▩	Controller Cabinet
▦	▦	CCTV CABINET
		Single-Sided RRFB Pole
		Double-Sided RRFB Pole
		Conduit
	X	Construction Note Flag
	X	Wire Note Flag

ABBREVIATIONS:

ATC	ADVANCED TRANSPORTATION CONTROLLER
C	CONDUCTOR
CCTV	CLOSED CIRCUIT TELEVISION
COMM	COMMUNICATION
C(S)	CONDUCTOR SHIELDED
DET	DETECTOR
EX	EXISTING
FB	FLASHING BEACON
ILL	ILLUMINATION
JB	JUNCTION BOX
MAX	MAXIMUM
MIN	MINIMUM
NTS	NOT TO SCALE
NO	NUMBER
PPB	PEDESTRIAN PUSHBUTTON
RRFB	RECTANGULAR RAPID FLASHING BEACON
SIG	SIGNAL
STD	STANDARD
TEMP	TEMPORARY
TYP	TYPICAL
VEH	VEHICLE

△WIRING SCHEDULE

RUN NO.	CONDUIT	CONDUCTOR	REMARK
1	2''	2-#8	RRFB POWER
*2	*EX	2-#8	RRFB POWER
		*EX	SEE ILLUMINATION PLANS
		**EX	SEE ITS PLANS
**3	**EX	4-#8	RRFB POWER (TWO SYSTEMS)
		**EX	SEE ITS PLANS
	**EX		SPARE (SEE ITS PLANS)
*4	*EX	2-#8	RRFB POWER
		*EX	SEE ILLUMINATION PLANS
		**EX	SEE ITS PLANS
	*EX		SPARE (SEE ILLUMINATION PLANS)
*5	*EX	4-#8	RRFB POWER (TWO SYSTEMS)
		*EX	SEE ILLUMINATION PLANS

*CONDUIT/CONDUCTOR RUN INSTALLED IN ILLUMINATION PLANS
**CONDUIT/CONDUCTOR RUN INSTALLED IN ITS PLANS

NOTE: FOR TRANSFORMER BREAKER SCHEDULE, SEE SHEET ITS2.

FILE NAME	T:\414124\ITS\SR9\XL4989_Phase 3_SR 204 Intersection Improvements\CAD\Y-11834_PS_RRFB.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	10:23:16 AM				10	WASH	
DATE	5/1/2021				JOB NUMBER		
PLOTTED BY	wooc						
DESIGNED BY	C. WOO						
ENTERED BY	C. WOO						
CHECKED BY	E. HAVENS				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

DUEE HUU DO — STATE OF WASHINGTON — 51740 — REGISTERED PROFESSIONAL ENGINEER

DATE
P.E. STAMP BOX

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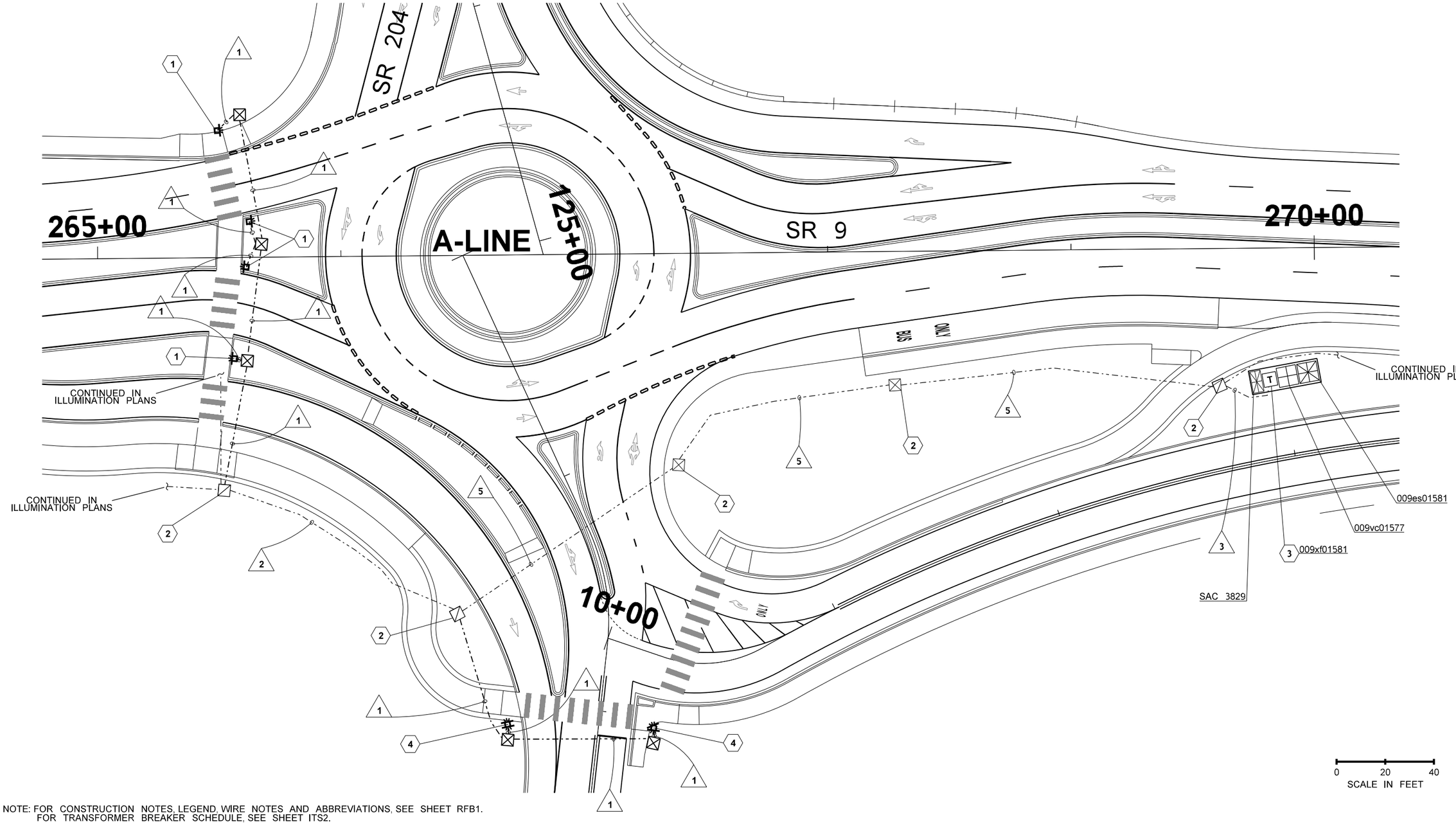
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

RRFB PLANS

Plot 2

PLAN REF NO
RFB1

SHEET
OF
SHEETS



NOTE: FOR CONSTRUCTION NOTES, LEGEND, WIRE NOTES AND ABBREVIATIONS, SEE SHEET RFB1.
FOR TRANSFORMER BREAKER SCHEDULE, SEE SHEET ITS2.

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

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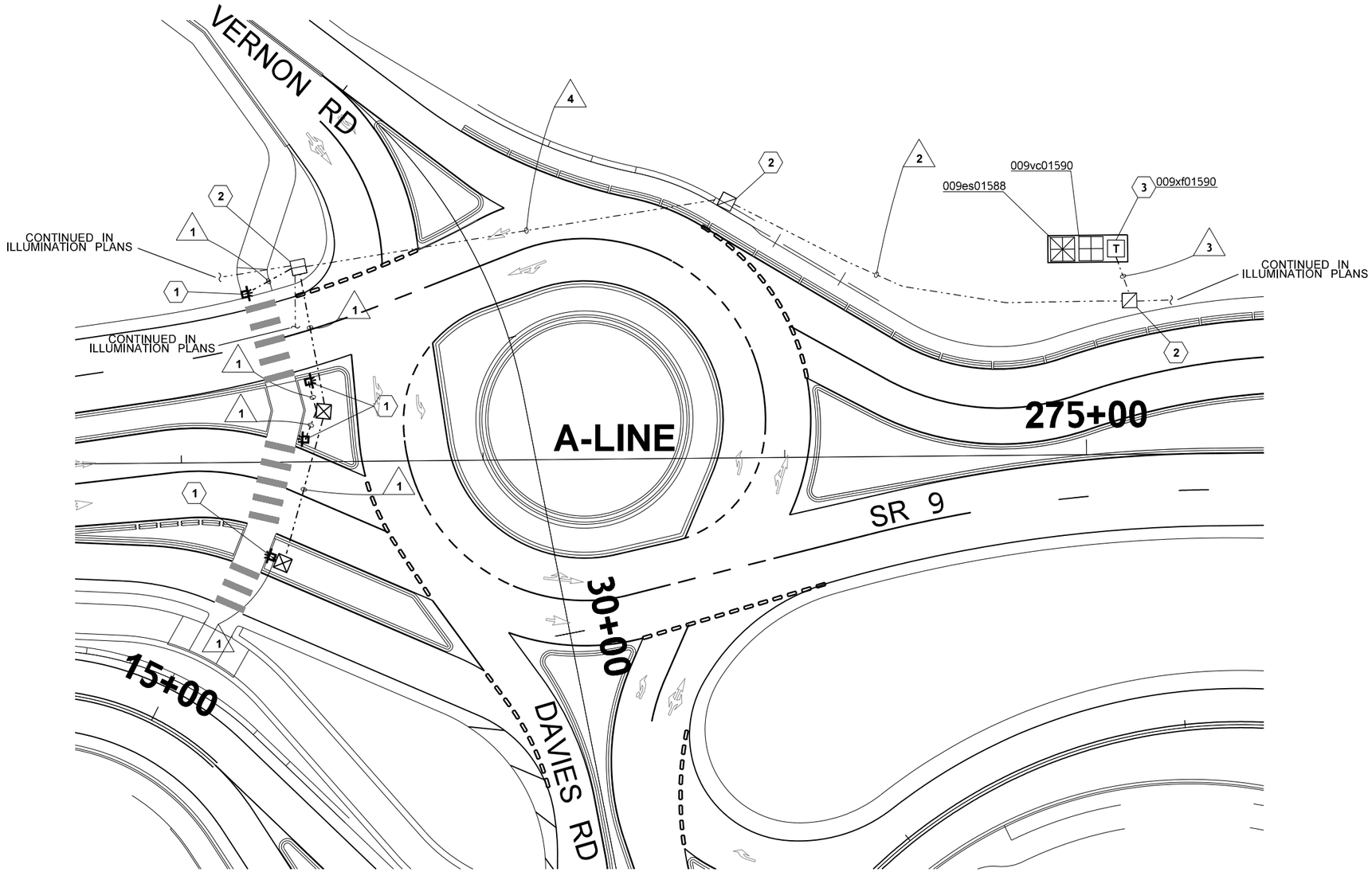
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

RRFB PLANS

Plot 3

PLAN REF NO
RFB2

SHEET
OF
SHEETS



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NOTE: FOR CONSTRUCTION NOTES, LEGEND, WIRE NOTES AND ABBREVIATIONS, SEE SHEET RFB1.
FOR TRANSFORMER BREAKER SCHEDULE, SEE SHEET ITS2.

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DESIGNED BY	C. WOO				CONTRACT NO.		LOCATION NO.
ENTERED BY	C. WOO						
CHECKED BY	E. HAVENS						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

DUKE HUU DO — STATE OF WASHINGTON — 21740 — REGISTERED PROFESSIONAL ENGINEER
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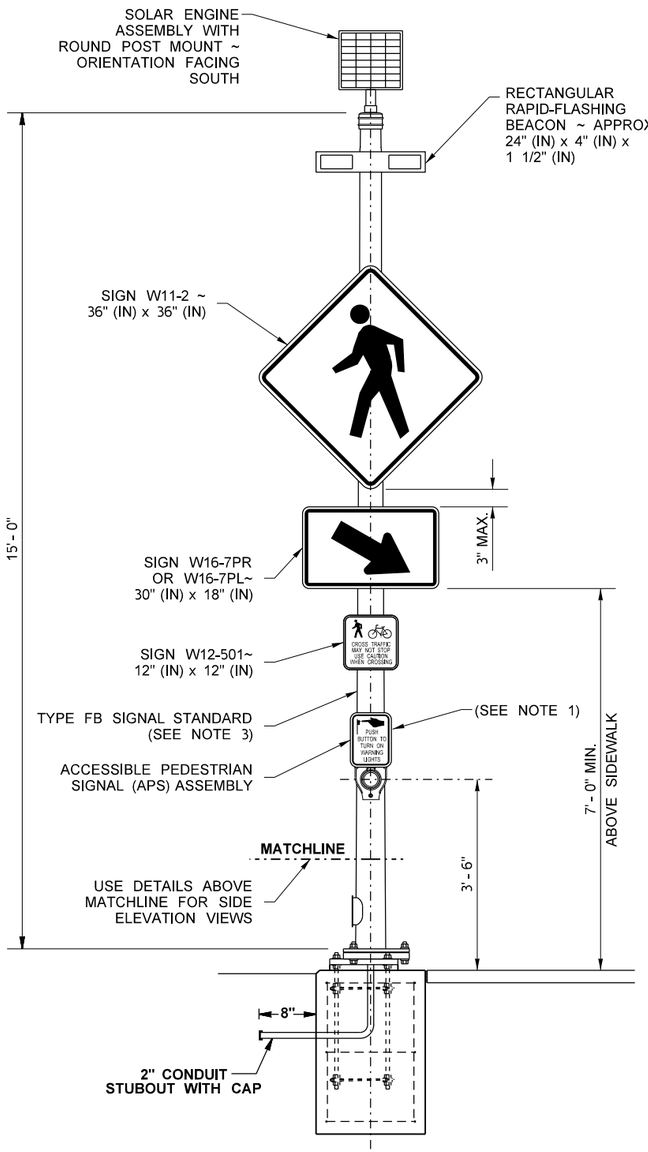
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)
RRFB PLANS

Plot 4
PLAN REF NO
RFB3
SHEET
OF
SHEETS



FRONT ELEVATION VIEW

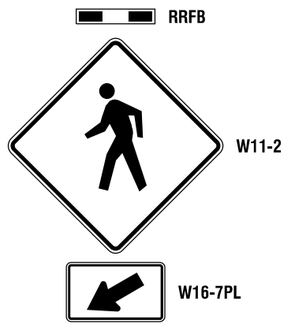
RAPID-FLASHING BEACON (WITH SOLAR ENGINE)

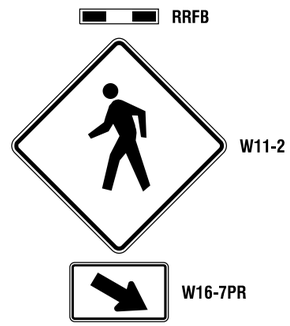
SLIP BASE AND CONCRETE SQUARE FOUNDATION SHOWN (SEE NOTES 2 & 4)

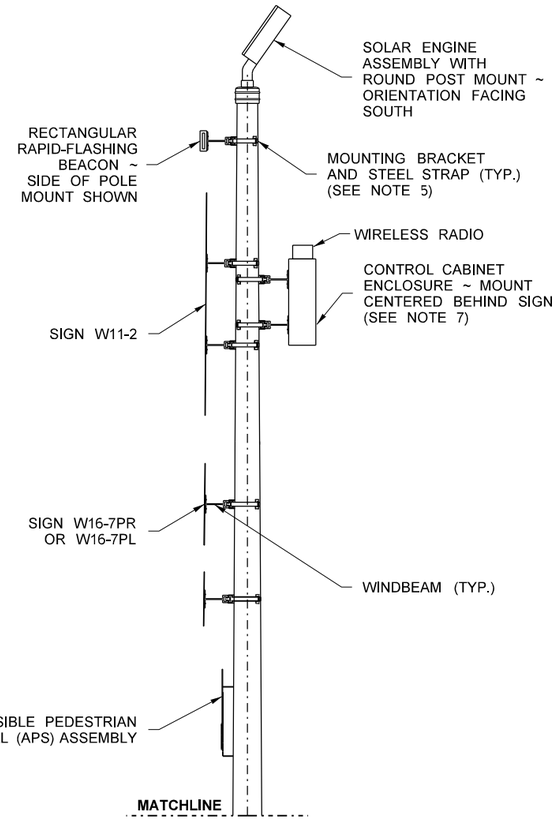
W12-501 (12" x 12")

PEDESTRIAN SYMBOL HEIGHT - 4" (IN)
BICYCLE SYMBOL HEIGHT - 3" (IN)
LETTERS - 1" C
LEGEND - BLACK
BACKGROUND - YELLOW

R10-25 (9" x 12")





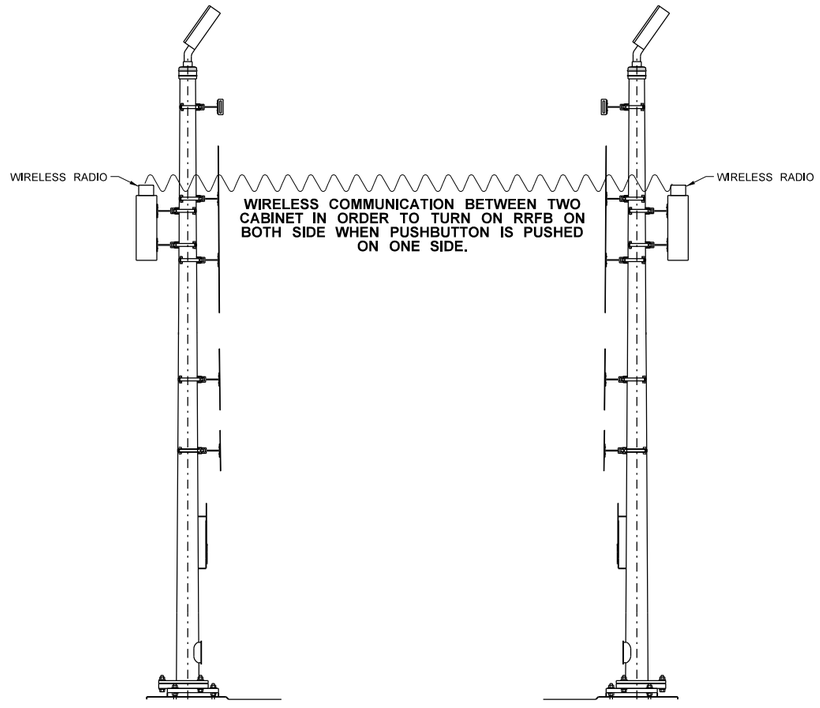


SIDE ELEVATION VIEW

UNI-DIRECTIONAL CONFIGURATION DETAIL

SIGNING GENERAL NOTES

1. SEE **STANDARD PLAN J-20.26** FOR PEDESTRIAN PUSH BUTTON INSTALLATION DETAILS. USE 9" (IN) x 12" (IN) R10-25 SIGN IN ACCORDANCE WITH 2009 MUTCD. SIGN MAY INCLUDE INTEGRATED WARNING LIGHTS.
2. SEE **STANDARD PLAN J-21.10** FOR SIGNAL STANDARD FOUNDATION WITH FIXED BASE AND SLIP BASE DETAILS.
3. SEE **STANDARD PLAN J-21.16** FOR SIGNAL STANDARD DETAILS NOT SHOWN.
4. SEE **STANDARD PLAN G-50.10** FOR SIGN BRACING.
5. SEE **STANDARD PLAN G-30.10** FOR SIGN INSTALLATION ON SIGNAL STANDARD DETAILS.
6. TERMINATE RRFB CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.
7. CONTROL CABINET ENCLOSURE SHALL BE SIZED BY THE RRFB MANUFACTURER. THE CONTROL CABINET SHALL BE MANUFACTURED PER TERMINAL CABINET REQUIREMENTS OF **STANDARD SPECIFICATION 9-29.25**.
8. SEE **STANDARD PLAN J-60.05** FOR GROUNDING DETAILS.
9. SEE **STANDARD PLAN J-20.15** FOR BREAKAWAY POST FOUNDATION.



WIRELESS COMMUNICATION

NOT TO SCALE

FILE NAME	T:\414124\ITS\SR9\XL4989_Phase 3_SR 204 Intersection Improvements\CAD\Y-11834_PS_RRFB.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
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DESIGNED BY	C. WOO				CONTRACT NO.		LOCATION NO.
ENTERED BY	C. WOO						
CHECKED BY	E. HAVENS						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

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

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SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)
RRFB PLANS

Plot 5
PLAN REF NO
RFB4
SHEET
OF
SHEETS

CONSTRUCTION NOTES:

1. INSTALL TYPE R1 OR WR INDUCTION LOOP VEHICLE DETECTORS, INCLUDING CONDUIT STUB-OUT IN ACCORDANCE WITH THE INDUCTION LOOP VEHICLE DETECTOR SPECIAL PROVISIONS AND ITS DETAIL SHEETS ITD4-ITD6. LOOPS SHALL BE INSTALLED IN ACCORDANCE WITH THE TYPE R1 OR WR INDUCTION LOOPS SPEED DETECTION LAYOUT ON ITS DETAIL SHEET ITD4.
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 ITD4-ITD6.
3. SPLICE FIBER IN AN APPROVED SPLICE CLOSURE IN THE CABLE VAULT OR SMALL CABLE VAULT PER DETAIL ON SHEET ITD10-ITD12.
4. SPLICE LOOP WIRES TO DETECTOR LEAD-IN CABLES IN ACCORDANCE WITH ITS DETAIL SHEET ITD5.
5. COORDINATE OPEN TRENCHING WITH ILLUMINATION PLANS TO UTILIZE THE SAME TRENCH.
6. INSTALL PULL BOX WITH LABEL "ITS" FOR FUTURE WORK.
7. INSTALL VIDEO CAMERA SYSTEM WITH CONTROL CABLE IN ACCORDANCE WITH THE CLOSED CIRCUIT TELEVISION SYSTEM SPECIAL PROVISIONS. CONNECT THE CAMERA CONTROL CABLE TO THE CAMERA COMMUNICATION PANEL IN THE CAMERA CABINET PER DETAILS ON SHEETS ITD7-ITD8.
8. COORDINATE WITH ILLUMINATION PLANS FOR JUNCTION BOX LOCATION.
9. INSTALL 334L CABINET AND ALL ASSOCIATED EQUIPMENT IN ACCORDANCE WITH THE "MODEL 334L CABINET" SPECIAL PROVISION.
10. INSTALL 48-PORT PRETERMINATED PATCH PANEL IN CABINET IN ACCORDANCE WITH THE "PRETERMINATED PATCH PANEL" SPECIAL PROVISION. ROUTE STUB TO CABLE VAULT FOR SPLICING.
11. INSTALL 50-FOOT CAMERA POLE AND FOUNDATION PER THE CAMERA POLE SCHEDULE ON SHEET ITD9 AND STANDARD PLANS J-29.10 AND J-29.15.
12. INSTALL ATC IN THE 334L CABINET IN ACCORDANCE WITH THE "ADVANCED TRANSPORTATION CONTROLLER (ATC)" SPECIAL PROVISION.
13. INSTALL RACK MOUNTED VEHICLE LOOP DETECTORS, LOOP NAME PLATES, AND TERMINATE 2C(S) CONDUCTORS IN CABINET IN ACCORDANCE WITH THE "TRAFFIC DATA ACCUMULATION AND RAMP METERING SYSTEM" SPECIAL PROVISIONS.
14. INSTALL CAMERA CABINET, CAMERA COMMUNICATION PANEL, RS900G, AND ALL ASSOCIATED EQUIPMENT IN ACCORDANCE WITH ITS DETAIL SHEETS ITD7-ITD8.
15. INSTALL 480-240/120V 7.5 KVA TRANSFORMER AND CABINET IN ACCORDANCE WITH STANDARD PLAN J-10.25. SEE BREAKER SCHEDULE ON SHEET ITS2.
16. ABANDON EXISTING LOOPS. CUT IN AT LEAST TWO PLACES.
17. INSTALL TYPE A (NARROW) FOUR-CABINET FOUNDATION IN ACCORDANCE WITH STANDARD PLAN J-10.10. VERIFY ANCHOR BOLT SPACING PRIOR TO SETTING FOUNDATION. COORDINATE SERVICE CABINET INSTALLATION WITH ILLUMINATION PLANS.
18. INSTALL 24-PORT PRETERMINATED PATCH PANEL IN EXISTING SIGNAL CABINET IN ACOORDANCE WITH THE "PRETERMINATED PATCH PANEL" SPECIAL PROVISION. ROUTE STUB TO SMALL CABLE VAULT FOR SPLICING.
19. INSTALL PULL BOX WITH HEAVY DUTY LID.
20. INSTALL 24-PORT PRETERMINATED PATCH PANEL IN CABINET IN ACCORDANCE WITH THE "PRETERMINATED PATCH PANEL" SPECIAL PROVISION. ROUTE STUB TO CABLE VAULT FOR SPLICING.
21. INSTALL CONDUIT INTO EXISTING SIGNAL JUNCTION BOX FOR FUTURE USE.
22. REMOVE EXISTING FIBER OPTIC PANEL. PULL EXISTING 1-24 SMFO CABLE BACK TO JUNCTION BOX AND ROUTE TO SMALL CABLE VAULT FOR SPLICING.
23. SPLICE LOOP WIRE TO EXISTING SPARE DETECTOR LEAD-IN CABLE IN ACCORDANCE WITH ITS DETAIL SHEET ITD5.
24. INSTALL JUNCTION BOX FOR FUTURE USE.
25. COORDINATE SERVICE CABINET AND CONDUIT INSTALLATION WITH ILLUMINATION PLANS.
26. INSTALL TYPE A (NARROW) THREE-CABINET FOUNDATION IN ACCORDANCE WITH STANDARD PLAN J-10.10. VERIFY ANCHOR BOLT SPACING PRIOR TO SETTING FOUNDATION. COORDINATE INSTALLATION WITH ILLUMINATION PLANS.
27. ADD LOOP LABEL TO THE LOOP DETECTOR DISPLAY PANEL IN THE EXISTING CABINET IN ACCORDANCE WITH THE DISPLAY PANEL LABELING SPECIAL PROVISION.

ITS Legend

Existing	Installed In Another Plan	New	
			Type 1 Junction Box
			Type 2 Junction Box
			Type 3 Junction Box
			Type 4 Junction Box
			Type 8 Junction Box
		SCV	ITS Small Cable Vault
CV		CV	ITS Cable Vault
		PB	ITS Pull Box
		T	Transformer Cabinet
			Controller Cabinet
			CCTV Cabinet
			CCTV Camera
			R1 Induction Loop
			WR Induction Loop
			Conduit
			Electrical Service Cabinet
		X	Construction Note Flag
		X	Wire Note Flag

ABBREVIATIONS:

ATC	ADVANCED TRANSPORTATION CONTROLLER
C	CONDUCTOR
CCTV	CLOSED CIRCUIT TELEVISION
COMM	COMMUNICATION
C(S)	CONDUCTOR SHIELDED
DET	DETECTOR
EX	EXISTING
FB	FLASHING BEACON
ILL	ILLUMINATION
JB	JUNCTION BOX
MAX	MAXIMUM
MIN	MINIMUM
NTS	NOT TO SCALE
NO	NUMBER
PPP	PRETERMINATED PATCH PANEL
PR	PAIR
RRFB	RECTANGULAR RAPID FLASHING BEACON
SIG	SIGNAL
STD	STANDARD
STUB	PRETERM PANEL FIBER STUB
TEMP	TEMPORARY
TYP	TYPICAL
VEH	VEHICLE

FILE NAME	T:\414124\ITS\SR9\XL4989_Phase 3_SR 204 Intersection Improvements\CAD\Y-11834_PS_ITS.dgn						
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PLOTTED BY	wooc						
DESIGNED BY	C. WOO				CONTRACT NO.	LOCATION NO.	
ENTERED BY	C. WOO						
CHECKED BY	E. HAVENS						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

MICHAEL LEE TOMAS — STATE OF WASHINGTON — 32138 — REGISTERED PROFESSIONAL ENGINEER

DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

ITS NOTES

Plot 1
PLAN REF NO ITN1
SHEET
OF
SHEETS

△WIRING SCHEDULE

RUN NO.	CONDUIT	CONDUCTOR	REMARK
1	EX 2"	EX 6-2C(S)	DETECTOR LEAD-INS
	EX 2"	EX 4-2C(S)	DETECTOR LEAD-IN
	EX 2"	EX 1-24 STUB	PRETERM STUB
	EX 2"		SPARE
2	EX 2"	EX 6-2C(S)	DETECTOR LEAD-INS
	EX 2"		SPARE
3	EX 2"	EX 6-2C(S)	DETECTOR LEAD-INS
4	2"	1-36 SMFO	DATA COMMS
	2"		SPARE
5	2"		FUTURE USE
6	2"	2-#4	POWER TO TRANSFORMER
	2"		SPARE
7	2"	4-2C(S)	DETECTOR LEAD-INS (-MN-Ox2, -MN-Ox1)
8	2"	4-2C(S)	DETECTOR LEAD-INS (-AE-Ox1, -AE-Ox2)
9	2"	4-2C(S)	DETECTOR LEAD-INS (-MS-Ox1, -MS-Ox2)
10	2"	1-36 SMFO	DATA COMMS
	2"		SPARE
11	3"	10-2C(S)	DETECTOR LEAD-INS (-AE-Ox1, -AE-Ox2, -MS-X, -MN-Ox3)
	2"		SPARE
12	2"	4-2C(S)	DETECTOR LEAD-INS (-MS-Xx2, -MN-Ox3)
13	3"	14-2C(S)	DETECTOR LEAD-INS (-AE-Ox1, -AE-Ox2, -MS-X, -MN-O)
	2"		SPARE
14	2"	2-2C(S)	DETECTOR LEAD-INS (-XE)
15	2"	4-2C(S)	DETECTOR LEAD-INS (-XW)
16	2"	1-CCC	CAMERA CABLE AND POWER
17	3"	16-2C(S)	DETECTOR LEAD-INS (-AE-Ox1, -AE-Ox2, -MS-X, -MN-O, -XE-X)
	2"		SPARE
18	2"	**EX	SEE RRFB PLANS
	2"		SPARE
19	3"	16-2C(S)	DETECTOR LEAD-INS (-AE-O, -MS-X, -MN-O)
	3"	18-2C(S)	DETECTOR LEAD-INS (-MS-O, -AW-X, -MN-X, -XW-O, -XE-X)
	3"		SPARE
20	2"	1-48 STUB	DATA COMMS
		1-24 STUB	DATA COMMS
	2"	1-CCC	CAMERA CABLE AND POWER
	3"		SPARE
21	2"	2-#8	POWER TO ES CABINET
22	2"	2-#8	POWER TO CAMERA CABINET
23	2"	1-CAT6	COMM CABLE
24	3"	16-2C(S)	DETECTOR LEAD-INS (-MN-O, -MS-X, -XE-O, -XW-X)
	2"		SPARE
25	3"	14-2C(S)	DETECTOR LEAD-INS (-MN-O, -MS-X, -XE-O)
	2"		SPARE
26	2"	2-2C(S)	DETECTOR LEAD-INS (-XE-X)
	2"	1-36 SMFO	DATA COMMS
	2-2"		SPARE
27	2"	2-2C(S)	DETECTOR LEAD-INS (-MN-Xx1)
28	3"	10-2C(S)	DETECTOR LEAD-INS (-MN-X, -XW-O, -XE-X)
	2"	1-36 SMFO	DATA COMMS
	2-2"		SPARE
*29	*EX	2-#4	POWER TO TRANSFORMER
		**EX	SEE RRFB PLANS
		*EX	SEE ILLUMINATION PLANS
	*EX		SPARE (SEE ILLUMINATION PLANS)
30	2"	4-2C(S)	DETECTOR LEAD-INS (-MN-Ox1, -MN-Ox2)
31	3"	10-2C(S)	DETECTOR LEAD-INS (-MN-O, -MS-X)

△WIRING SCHEDULE

RUN NO.	CONDUIT	CONDUCTOR	REMARK
32	2"	8-2C(S)	DETECTOR LEAD-INS (-MN-O, -MS-Xx2)
33	3"	14-2C(S)	DETECTOR LEAD-INS (-MN-X, -MS-O, -XW-O, -XE-X)
	3"	16-2C(S)	DETECTOR LEAD-INS (-MN-O, -MS-X, -XE-O, -XW-X)
	3"		SPARE
34	2"		FUTURE USE FOR DATA COMM
	2"		SPARE
35	2"	2-#4	POWER TO TRANSFORMER
	2"	**EX	SEE RRFB PLANS
	2"		SPARE
*36	*EX	2-#4	POWER TO TRANSFORMER
		*EX	SEE ILLUMINATION PLANS
	*EX		SPARE (SEE ILLUMINATION PLANS)
37	2"	1-24 SMFO	SIGNAL LATERAL
	2"		SPARE
38	EX 2"	EX 1-36 SMFO	DATA COMMS
	EX 2"		SPARE
39	2"	2-2C(S)	DETECTOR LEAD-INS (-MS-Xx1)
40	EX 4"	EX	DETECTOR LEAD-INS FOR SIGNAL
	EX 2"	1-24 STUB	SIGNAL LATERAL
		EX 2-24 SMFO	EX DATA COMMS TO WEST - REMOVE
41	2"	4-2C(S)	DETECTOR LEAD-INS (-AW-X, -AE-Ox3)
42	2"	2-2C(S)	DETECTOR LEAD-INS (-XW-Ox2)
43	2"	4-2C(S)	DETECTOR LEAD-INS (-MN-Xx2, -MS-Ox3)
44	2"	6-2C(S)	DETECTOR LEAD-INS (-MN-X, -MS-Ox3)
45	2"	1-24 STUB	SIGNAL LATERAL
		EX 1-24 SMFO	EX DATA COMMS TO WEST
	2"		SPARE
46	2"	1-48 STUB	DATA COMMS
	2"	1-CCC	CAMERA CABLE AND POWER
	3"		SPARE
47	2"	1-36 SMFO	DATA COMMS
		1-24 SMFO	SIGNAL LATERAL
	2"	1-CCC	CAMERA CABLE AND POWER
	3"	16-2C(S)	DETECTOR LEAD-INS (-AE-O, -MS-X, -MN-O, -XE)
	3"	18-2C(S)	DETECTOR LEAD-INS (-MS-O, -AW-X, -MN-X, -XW)
	2"		SPARE
48	2"		FUTURE USE
49	3"		FUTURE USE
	3"		FUTURE USE
50	2"	1-36 SMFO	DATA COMMS
		1-24 SMFO	SIGNAL LATERAL
	2"	8-2C(S)	DETECTOR LEAD-INS (-MS-Ox1, -MS-Ox2, -AW-X, -AE-Ox3)
	2-2"		SPARE
*51	*EX	2-#4	POWER TO TRANSFORMER
		*EX	SEE ILLUMINATION PLANS
*52	*EX	2-#4	POWER TO TRANSFORMER
		*EX	SEE ILLUMINATION PLANS
		**EX	SEE RRFB PLANS
53	3"	12-2C(S)	DETECTOR LEAD-INS (-MN-O, -MS-X, -XE-Ox1)
	2"		SPARE
54	2"	2-2C(S)	DETECTOR LEAD-INS (-XE)
55	2"	2-2C(S)	DETECTOR LEAD-INS (-XW-Ox2)
56	2"	2-2C(S)	DETECTOR LEAD-INS (-XW-OSx1)
57	2"	2-2C(S)	DETECTOR LEAD-INS (-MS-Ox1)
58	2"	4-2C(S)	DETECTOR LEAD-INS (-MS-Ox2, -MN-Xx2)

*CONDUIT RUN INSTALLED IN ILLUMINATION PLANS
**ADDITIONAL CONDUCTOR INSTALLED IN RRFB PLANS

FILE NAME	T:\414124\ITS\SR9\XL4989_Phase 3_SR 204 Intersection Improvements\CAD\Y-11834_PS_ITS.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	8:25:38 AM				10	WASH	
DATE	5/3/2021				JOB NUMBER		
PLOTTED BY	wooc						
DESIGNED BY	C. WOO				CONTRACT NO.		LOCATION NO.
ENTERED BY	C. WOO						
CHECKED BY	E. HAVENS						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

MICHAEL LEE TORRIS — STATE OF WASHINGTON — 32138 — REGISTERED PROFESSIONAL ENGINEER

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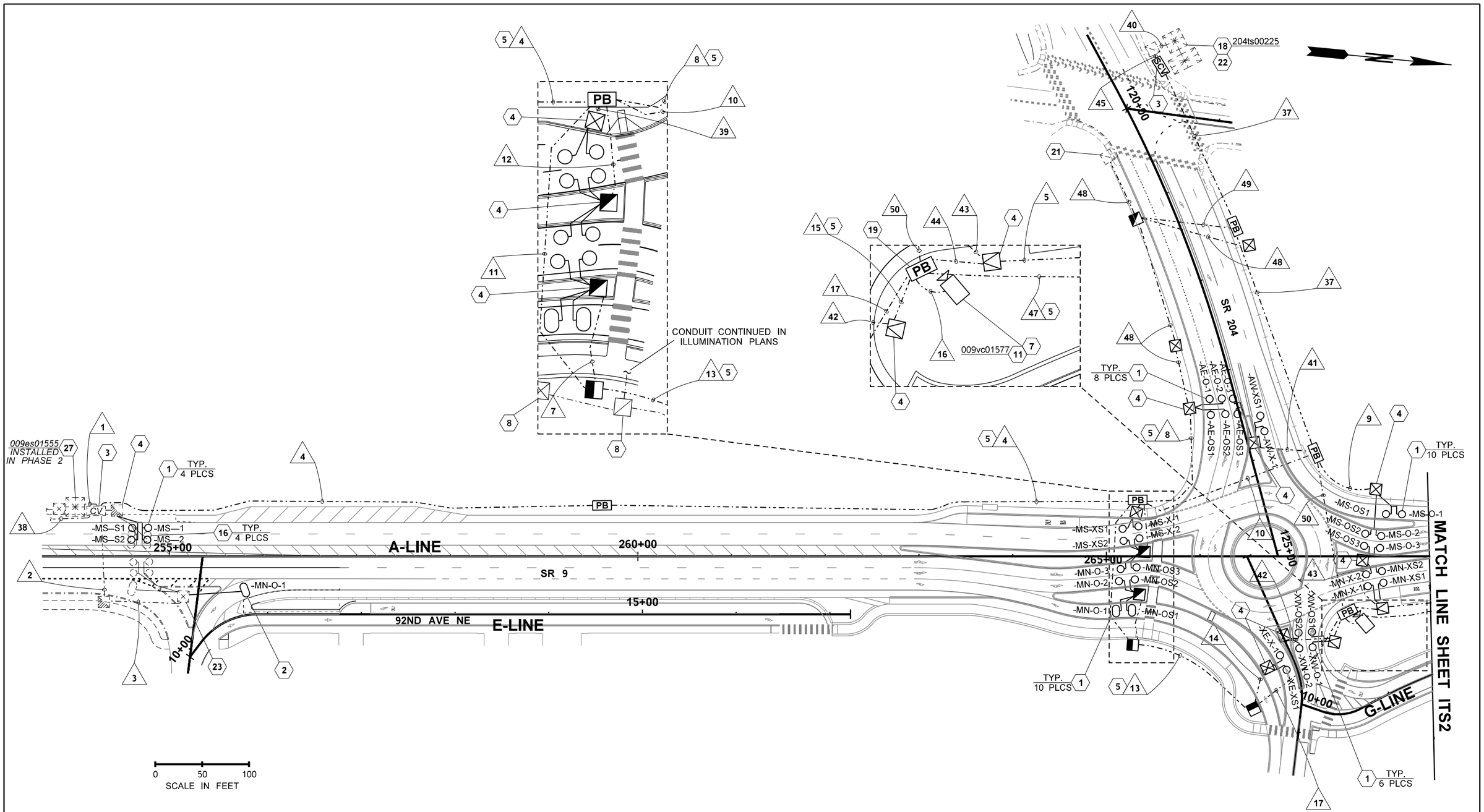
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

ITS NOTES

Plot 2
PLAN REF NO
ITN2
SHEET
OF
SHEETS



NOTES:
FOR CONSTRUCTION NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET ITN1.
FOR WIRE NOTES, SEE SHEET ITN2.

FILE NAME	T:\414124\ITS\SR9\XL4989_Phase 3_SR 204 Intersection Improvements\CAD\Y-11834_PS_ITS.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
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DESIGNED BY	C. WOO				CONTRACT NO.		LOCATION NO.
ENTERED BY	C. WOO						
CHECKED BY	E. HAVENS						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

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SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

ITS PLANS

Plot 4
PLAN REF NO
ITS1
SHEET
OF
SHEETS

TRANSFORMER BREAKER SCHEDULE

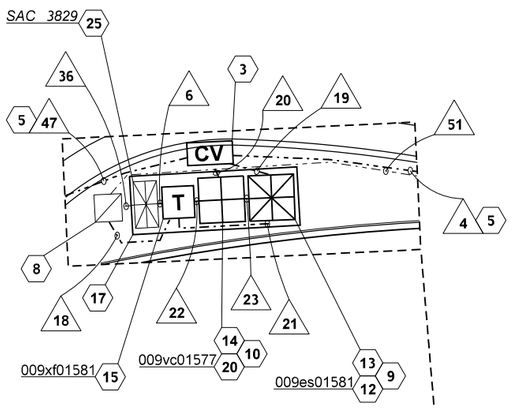
009xf01581	POWER FROM SAC 3829 (480-240/120V)				CKT# F
BREAKER NO.	CIRCUIT VOLTAGE	BREAKER RATING	BREAKER TYPE	KVA LOAD	CIRCUIT NAME
PRIMARY					
A	480	20 A	DPST	7.5	MAIN BREAKER
SECONDARY	240	30 A	DPST		
1	120	30 A	SPST	3.0	009es01575
2	120	20 A	SPST	1.0	009vc01577
3	120	20 A	SPST	.15	•NB/SB RRFB
4	120	20 A	SPST	.15	•SR9 EB/WB RRFB
5	120	20 A	SPST		SPARE
6	120	20 A	SPST	1.8	GFCI
TRANSFORMER RATED LOAD			7.5 KVA		
TRANSFORMER ACTUAL LOAD			6.1 KVA		

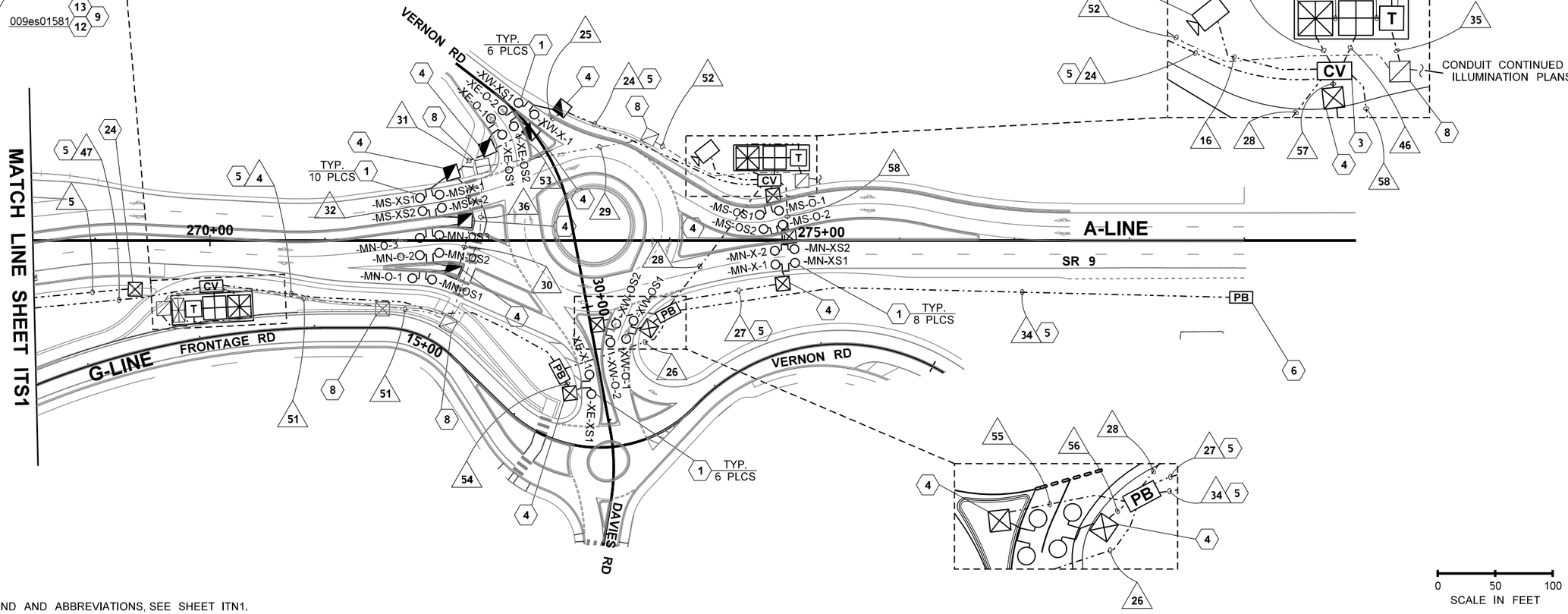
•SEE RRFB PLANS FOR INSTALLATION DETAILS

TRANSFORMER BREAKER SCHEDULE

009xf01590	POWER FROM SAC 3829 (480-240/120V)				CKT# G
BREAKER NO.	CIRCUIT VOLTAGE	BREAKER RATING	BREAKER TYPE	KVA LOAD	CIRCUIT NAME
PRIMARY					
A	480	20 A	DPST	7.5	MAIN BREAKER
SECONDARY	240	30 A	DPST		
1	120	30 A	SPST	3.0	009es01588
2	120	20 A	SPST	1.0	009vc01590
3	120	20 A	SPST	.15	•SR9 EB/WB RRFB
4	120	20 A	SPST		SPARE
5	120	20 A	SPST		SPARE
6	120	20 A	SPST	1.8	GFCI
TRANSFORMER RATED LOAD			7.5 KVA		
TRANSFORMER ACTUAL LOAD			5.95 KVA		

•SEE RRFB PLANS FOR INSTALLATION DETAILS





NOTES:
FOR CONSTRUCTION NOTES, LEGEND AND ABBREVIATIONS, SEE SHEET ITN1.
FOR WIRE NOTES, SEE SHEET ITN2.

0 50 100
SCALE IN FEET

FILE NAME	T:\414124\ITS\SR9\XL4989_Phase 3_SR 204 Intersection Improvements\CAD\Y-11834_PS_ITS.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
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DATE	5/3/2021				JOB NUMBER		
PLOTTED BY	wooc						
DESIGNED BY	C. WOO				CONTRACT NO.		LOCATION NO.
ENTERED BY	C. WOO						
CHECKED BY	E. HAVENS						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

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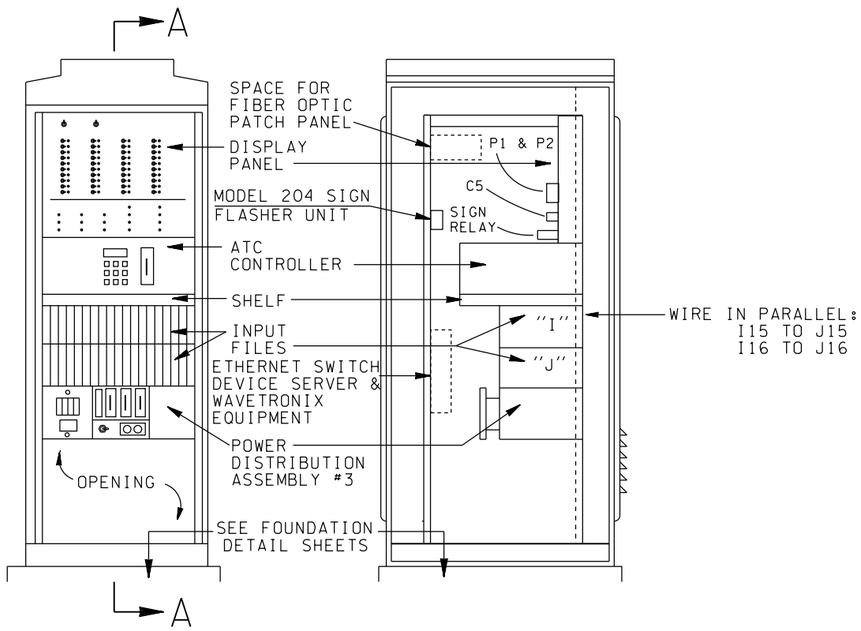
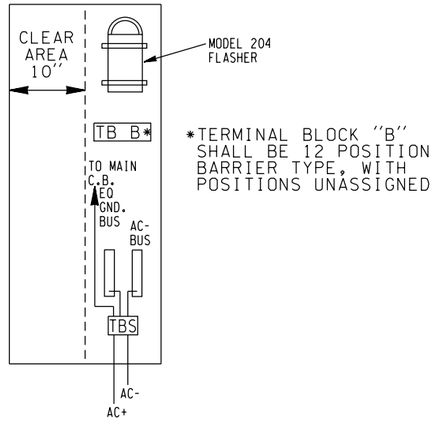
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)
ITS PLANS

Plot 5
PLAN REF NO
ITS2
SHEET
OF
SHEETS



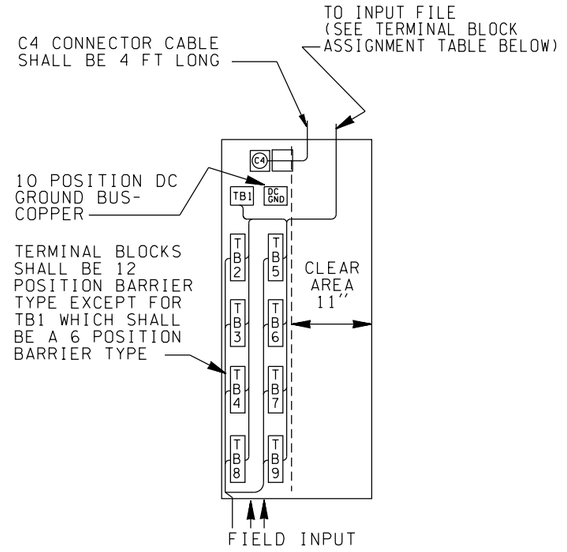
FRONT VIEW

SECTION A-A



*TERMINAL BLOCK "B" SHALL BE 12 POSITION BARRIER TYPE, WITH POSITIONS UNASSIGNED

SERVICE PANEL DETAIL



INPUT PANEL DETAIL

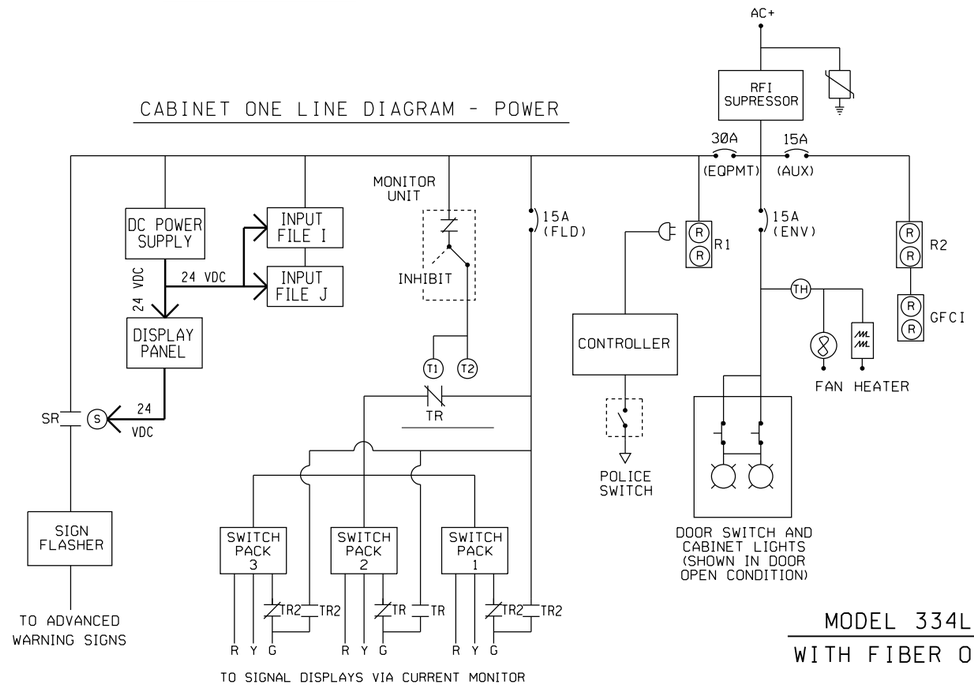
INPUT PANEL TERMINAL BLOCK ASSIGNMENT TABLE

POSITION	A	B	POSITION	A	B	POSITION	A	B	POSITION	A	B
TB1 1	T3-1	C4	TB4 1	FIELD DET*	I7D	TB6 1	FIELD DET*	I13D	TB8 1	FIELD DET*	J5D
TB1 2	TB1 1	C5,I15-1	TB4 2	#13	I7E	TB6 2	#25	I13E	TB8 2	#37	J5E
TB1 3	TB1 2	C6	TB4 3	FIELD DET*	I7J	TB6 3	FIELD DET*	I13J	TB8 3	FIELD DET*	J5J
TB1 4	N/A	N/A	TB4 4	#14	I7K	TB6 4	#26	I13K	TB8 4	#38	J5K
TB1 5	N/A	N/A	TB4 5	FIELD DET*	I8D	TB6 5	FIELD DET*	I14D	TB8 5	FIELD DET*	J6D
TB1 6	N/A	N/A	TB4 6	#15	I8E	TB6 6	#27	I14E	TB8 6	#39	J6E
TB2 1	FIELD DET*	I1D	TB4 7	FIELD DET*	I8J	TB6 7	FIELD DET*	I14J	TB8 7	FIELD DET*	J6J
TB2 2	#1	I1E	TB4 8	#16	I8K	TB6 8	#28	I14K	TB8 8	#40	J6K
TB2 3	FIELD DET*	I1J	TB4 9	FIELD DET*	I9D	TB6 9	FIELD DET*	J1D	TB8 9	N/A	N/A
TB2 4	#2	I1K	TB4 10	#17	I9E	TB6 10	#29	J1E	TB8 10	N/A	N/A
TB2 5	FIELD DET*	I2D	TB4 11	FIELD DET*	I9J	TB6 11	FIELD DET*	J1J	TB8 11	N/A	N/A
TB2 6	#3	I2E	TB4 12	#18	I9K	TB6 12	#30	J1K	TB8 12	N/A	N/A
TB2 7	FIELD DET*	I2J	TB5 1	FIELD DET*	I10D	TB7 1	FIELD DET*	J2D	TB9 1	N/A	N/A
TB2 8	#4	I2K	TB5 2	#19	I10E	TB7 2	#31	J2E	TB9 2	N/A	N/A
TB2 9	FIELD DET*	I3D	TB5 3	FIELD DET*	I10J	TB7 3	FIELD DET*	J2J	TB9 3	N/A	N/A
TB2 10	#5	I3E	TB5 4	#20	I10K	TB7 4	#32	J2K	TB9 4	N/A	N/A
TB2 11	FIELD DET*	I3J	TB5 5	FIELD DET*	I11D	TB7 5	FIELD DET*	J3D	TB9 5	N/A	N/A
TB2 12	#6	I3K	TB5 6	#21	I11E	TB7 6	#33	J3E	TB9 6	N/A	N/A
TB3 1	FIELD DET*	I4D	TB5 7	FIELD DET*	I11J	TB7 7	FIELD DET*	J3J	TB9 7	N/A	N/A
TB3 2	#7	I4E	TB5 8	#22	I11K	TB7 8	#34	J3K	TB9 8	N/A	N/A
TB3 3	FIELD DET*	I4J	TB5 9	FIELD DET*	I12D	TB7 9	FIELD DET*	J4D	TB9 9	N/A	N/A
TB3 4	#8	I4K	TB5 10	#23	I12E	TB7 10	#35	J4E	TB9 10	N/A	N/A
TB3 5	FIELD DET*	I5D	TB5 11	FIELD DET*	I12J	TB7 11	FIELD DET*	J4J	TB9 11	N/A	N/A
TB3 6	#9	I5E	TB5 12	#24	I12K	TB7 12	#36	J4K	TB9 12	N/A	N/A
TB3 7	FIELD DET*	I5J									
TB3 8	#10	I5K									
TB3 9	FIELD DET*	I6D									
TB3 10	#11	I6E									
TB3 11	FIELD DET*	I6J									
TB3 12	#12	I6K									

LEGEND

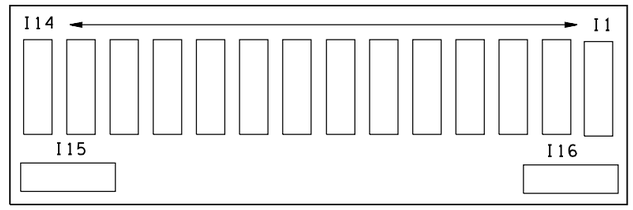
- (TH) THERMOSTAT
- CIRCUIT BREAKER
- (R) RECEPTACLE
- RELAY COIL
- (S) SIGN RELAY COIL
- (T) TRANSFER RELAY COM.
- RELAY, CONTACT N.C.
- RELAY, CONTACT N.O.
- SURGE PROTECTION
- SWITCH
- SWITCH, N.C.
- DC GROUND
- EQUIPMENT GROUND
- TR TRANSFER RELAY
- SR SIGN RELAY

CABINET ONE LINE DIAGRAM - POWER



MODEL 334L CABINET DETAILS
WITH FIBER OPTIC COMMUNICATION

INPUT FILE (REAR VIEW)



NOTE: INPUT FILE "I" TERMINAL BLOCKS "I1" - "I16"
INPUT FILE "J" TERMINAL BLOCKS "J1" - "J16"

SHEET 1 OF 3

FILE NAME	T:\414124\ITS\SR9\XL4989_Phase 3_SR 204 Intersection Improvements\CAD\Y-11834_PS_ITS.dgn				
TIME	8:25:48 AM			REGION NO. 10	STATE WASH
DATE	5/3/2021			JOB NUMBER	FED.AID PROJ.NO.
PLOTTED BY	wooc				
DESIGNED BY	C. WOO			CONTRACT NO.	LOCATION NO.
ENTERED BY	C. WOO				
CHECKED BY	E. HAVENS				
PROJ. ENGR.	K. NDILE				
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY	

MICHAEL LEE FOSTER — STATE OF WASHINGTON — 32138 — REGISTERED PROFESSIONAL ENGINEER

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Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

ITS DETAILS

Plot 11
PLAN REF NO ITD1
SHEET
OF
SHEETS

CONNECTOR C1P AND C1S

PIN	CONNECT TO	FUNCTION	PIN	CONNECT TO	FUNCTION	PIN	CONNECT TO	FUNCTION	PIN	CONNECT TO	FUNCTION
1	DC GRD	DC GROUND	27	NC	NA	53	DP 55	DET 15	79	DP 77/C4-6	DET37/CM1G
2	C6-1	SWPK1-RED	28	NC	NA	54	DP 56	DET 16	80	DP 78/C4-7	DET38/CM3R
3	C6-2	SWPK1-GRN	29	NC	NA	55	DP 57	DET 17	81	DP 79/C4-8	DET39/CM3Y
4	C6-3	SWPK2-RED	30	NC	NA	56	DP 58	DET 18	82	DP 80/C4-9	DET40/CM3G
5	C6-4	SWPK2-YEL	31	NC	NA	57	DP 59	DET 19	83	C5-1	DP REMOTE
6	C6-5	SWPK2-GRN	32	NC	NA	58	DP 60	DET 20	84	C5-2	NA
7	C6-6	SWPK3-RED	33	NC	NA	59	DP 61	DET 21	85	C5-3	DP TRAFFIC
8	C6-7	SWPK3-YEL	34	NC	NA	60	DP 62	DET 22	86	C5-4	DP CLOCK
9	C6-8	SWPK3-GRN	35	NC	NA	61	DP 63	DET 23	87	C5-5	DP TELEMETRY
10	NC	NA	36	NC	NA	62	DP 64	DET 24	88	C5-6	DP ECHO
11	NC	NA	37	C6-9	SWPK1-YEL	63	C4-1	CM2-RED	89	C5-7	DP CONFLICT
12	NC	NA	38	NC	NA	64	C4-2	CM2-YEL	90	C5-8	DP DET FAILED
13	NC	NA	39	DP 41	DET 1	65	C4-3	CM2-GRN	91	C5-9	DP RED L1
14	I15-4	INPUT GND	40	DP 42	DET 2	66	PC-3	POLICE CONTROL	92	DC GND	OUTPUT GND
15	NC	NA	41	DP 43	DET 3	67	DP 65	DET 25	93	C5-10	SIGN-AUTO/DP METER
16	NC	NA	42	DP 44	DET 4	68	DP 66	DET 26	94	C5-11	DP RED L2
17	NC	NA	43	DP 45	DET 5	69	DP 67	DET 27	95	C5-12	DP YEL L2
18	NC	NA	44	DP 46	DET 6	70	DP 68	DET 28	96	C5-13	DP GRN L2
19	NC	NA	45	DP 47	DET 7	71	DP 69	DET 29	97	C5-14	DP YEL L1
20	NC	NA	46	DP 48	DET 8	72	DP 70	DET 30	98	C5-15	DP GRN L1
21	NC	NA	47	DP 49	DET 9	73	DP 71	DET 31	99	C5-16	DP RED L3
22	NC	NA	48	DP 50	DET 10	74	DP 72	DET 32	100	C5-17	DEP YEL L3
23	NC	NA	49	DP 51	DET 11	75	DP 73	DET 33	101	C5-18	DP GRN L3
24	NC	NA	50	DP 52	DET 12	76	DP 74	DET 34	102	I15-3	DET RESET
25	NC	NA	51	DP 53	DET 13	77	DP 75/C4-4	DET35/CM1R	103	C6-10	WATCHDOG
26	NC	NA	52	DP 54	DET 14	78	DP 76/C4-5	DET36/CM1Y	104	DC GND	INPUT GND

SIGN SWITCH

CONNECT TO	FUNCTION
C5-23	DC GND
SR-7	SR COIL
C5-10	AUTO METER

SHOWN IN AUTOMATIC MODE

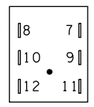
NOTE: SIGN SWITCH SHALL BE 3-POSITION STATIONARY TYPE WITH 10 A CONTACT RATING.

KEY TO ABBREVIATIONS

CB = CIRCUIT BREAKER
CM = CURRENT MONITOR
DP = DISPLAY PANEL
MU = MONITOR UNIT
NA = NOT ASSIGNED
NC = NOT CONNECTED
PC = POLICE CONTROL SWITCH
SR = SIGN RELAY
SS = SIGN SWITCH
SWPK = SWITCH PACK
TR = TRANSFER RELAY

MODEL 204 FLASHER

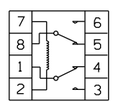
CONNECT TO	FUNCTION
T1-6	LOAD CIRCUIT # 2
AC -	AC NEUTRAL
NC	NO CONNECTION



CONNECT TO	FUNCTION
T1-5	LOAD CIRCUIT # 1
GND	EARTH GROUND
T1-1	AC LINE

SIGN RELAY

CONNECT TO	FUNCTION
SS-2	SIGN CONTROL
NC	NA
T2-7	AC+
C5-24	+24 VDC



CONNECT TO	FUNCTION
NC	NA
NC	NA
T1-3	SIGN OFF FIELD
T1-1	SIGN ON FIELD

SHOWN DE-ENERGIZED (NOT METERING)

NOTE: RELAY SHALL OPERATE ON GROUND OUTPUT FROM 170 CONTROLLER. RELAY COIL SHALL DRAW LESS THAN 75 MILLIAMPERES.

RELAY SHALL BE DPDT AS SHOWN AND HAVE CONTACT RATING NOT LESS THAN 10 AMPS CONTINUOUS DUTY.

AC WIRING FROM SIGN RELAY TO PDA SHALL BE 14 AWG.

POLICE CONTROL SWITCH

CONNECT TO	FUNCTION
NC	NA
DC GND	DC GND
C1-66	POLICE CTRL

SHOWN IN ON MODE

NOTE: POLICE CONTROL SWITCH SHALL BE 2-POSITION STATIONARY TYPE WITH 10 A CONTACT RATING.

P1 CONNECTOR - FEMALE INPUT FILE TO DISPLAY PANEL

P1 PIN#	CONNECTION	FUNCTION
1	DP1	DET. 1
2	DP2	DET. 2
3	DP3	DET. 3
4	DP4	DET. 4
5	DP5	DET. 5
6	DP6	DET. 6
7	DP7	DET. 7
8	DP8	DET. 8
9	DP9	DET. 9
10	DP10	DET.10
11	DP11	DET.11
12	DP12	DET.12
13	DP13	DET.13
14	DP14	DET.14
15	DP15	DET.15
16	DP16	DET.16
17	DP17	DET.17
18	DP18	DET.18
19	DP19	DET.19
20	DP20	DET.20
21	DP21	DET.21
22	DP22	DET.22
23	DP23	DET.23
24	DP24	DET.24
25	DP25	DET.25
26	DP26	DET.26
27	DP27	DET.27
28	DP28	DET.28
29	DP29	DET.29
30	DP30	DET.30
31	DP31	DET.31
32	DP32	DET.32
33	DP33	DET.33
34	DP34	DET.34
35	DP35	DET.35
36	DP36	DET.36
37	DP37	DET.37
38	DP38	DET.38
39	DP39	DET.39
40	DP40	DET.40
41	NC	NA
42	NC	NA
43	NC	NA
44	NC	NA
45	NC	NA
46	NC	NA
47	NC	NA
48	NC	NA
49	+24 VDC	POWER
50	LOGIC GND	GROUND

P2 CONNECTOR - MALE DISPLAY PANEL TO C1

P2 PIN#	CONNECTION	FUNCTION
1	DP41	DET. 1
2	DP42	DET. 2
3	DP43	DET. 3
4	DP44	DET. 4
5	DP45	DET. 5
6	DP46	DET. 6
7	DP47	DET. 7
8	DP48	DET. 8
9	DP49	DET. 9
10	DP50	DET.10
11	DP51	DET.11
12	DP52	DET.12
13	DP53	DET.13
14	DP54	DET.14
15	DP55	DET.15
16	DP56	DET.16
17	DP57	DET.17
18	DP58	DET.18
19	DP59	DET.19
20	DP60	DET.20
21	DP61	DET.21
22	DP62	DET.22
23	DP63	DET.23
24	DP64	DET.24
25	DP65	DET.25
26	DP66	DET.26
27	DP67	DET.27
28	DP68	DET.28
29	DP69	DET.29
30	DP70	DET.30
31	DP71	DET.31
32	DP72	DET.32
33	DP73	DET.33
34	DP74	DET.34
35	DP75	DET.35
36	DP76	DET.36
37	DP77	DET.37
38	DP78	DET.38
39	DP79	DET.39
40	DP80	DET.40
41	NC	NA
42	NC	NA
43	NC	NA
44	NC	NA
45	NC	NA
46	NC	NA
47	NC	NA
48	NC	NA
49	NC	NA
50	NC	NA

C4 CONNECTOR (TO CURRENT MONITOR)

PIN	CONNECTION	FUNCTION
1	C1-63	CM2-RED
2	C1-64	CM2-YEL
3	C1-65	CM2-GRN
4	C1-77	CM1-RED
5	C1-78	CM1-YEL
6	C1-79	CM1-GRN
7	C1-80	CM3-RED
8	C1-81	CM3-YEL
9	C1-82	CM3-GRN
10	C1-36	NA
11	NC	NA
12	NC	NA
13	NC	NA
14	NC	NA
15	NC	NA
16	NC	NA
17	C1-70	NA
18	C1-71	NA
19	C1-72	NA
20	NC	NA
21	C5-19	NA
22	C5-20	NA
23	DC GND	DC GROUND
24	TB1-1B	+24 VDC

C5 CONNECTOR (TO DISPLAY PANEL)

PIN	CONNECTION	FUNCTION
1	C1-83	DP -REMOTE
2	C1-84	DP -NA
3	C1-85	DP -STANDBY TRAFFIC
4	C1-86	DP -STANDBY CLOCK
5	C1-87	DP -TELEMETRY
6	C1-88	DP -ECHO
7	C1-89	DP -CONFLICT
8	C1-90	DP -DET. FAILED
9	C1-91	DP -RED LANE 1
10	C1-93	DP -METERING, SS-3
11	C1-94	DP -RED LANE 2
12	C1-95	DP -YELLOW LANE 2
13	C1-96	DP -GREEN LANE 2
14	C1-97	DP -YELLOW LANE 1
15	C1-98	DP -GREEN LANE 1
16	C1-99	DP -RED LANE 3
17	C1-100	DP -YELLOW LANE 3
18	C1-101	DP -GREEN LANE 3
19	NC	NA
20	NC	NA
21	NC	NA
22	NC	NA
23	DC GND	SS-1
24	TB1-2B	+24 VDC

C6 CONNECTOR (TO PDA)

PIN	CONNECTION	FUNCTION
1	C1-2	SWPK1-RED
2	C1-3	SWPK1-GRN
3	C1-4	SWPK2-RED
4	C1-5	SWPK2-YEL
5	C1-6	SWPK2-GRN
6	C1-7	SWPK3-RED
7	C1-8	SWPK3-YEL
8	C1-9	SWPK3-GRN
9	C1-37	SWPK1-YEL
10	C1-103	WATCHDOG MU
11	NC	NA
12	NC	NA
13	NC	NA
14	NC	NA
15	NC	NA
16	NC	NA
17	NC	NA
18	NC	NA
19	NC	NA
20	NC	NA
21	NC	NA
22	NC	NA
23	DC GND	DC GROUND
24	TB1-3B	+24 VDC

SHEET 2 OF 3

MODEL 334L CABINET DETAILS
WITH FIBER OPTIC COMMUNICATION

FILE NAME	T:\414124\ITS\SR9\XL4989_Phase 3_SR 204 Intersection Improvements\CAD\Y-11834_PS_ITS.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
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DESIGNED BY	C. WOO						
ENTERED BY	C. WOO						
CHECKED BY	E. HAVENS				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

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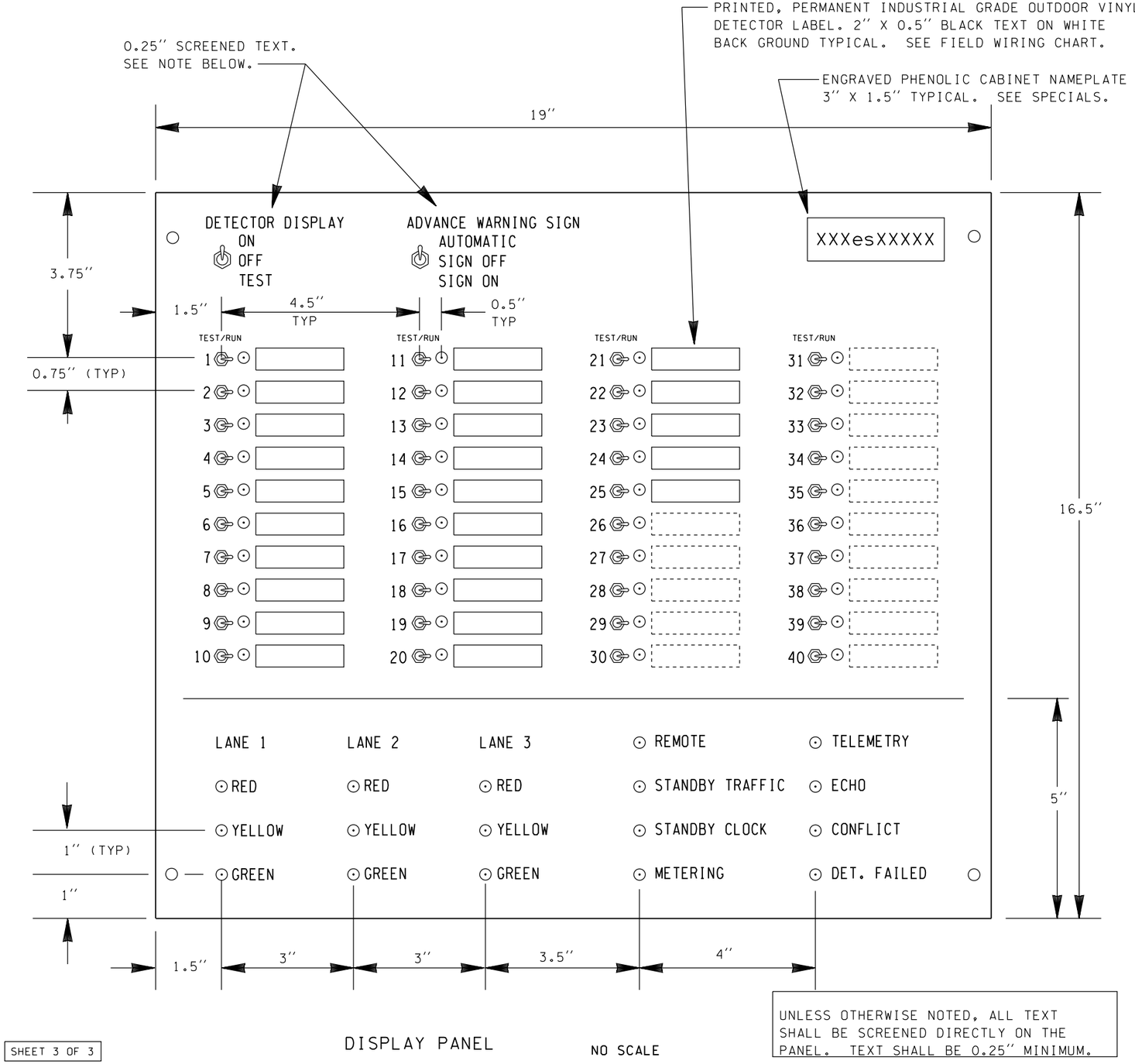
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

ITS DETAILS

Plot 12
PLAN REF NO
ITD2
SHEET
OF
SHEETS



UNLESS OTHERWISE NOTED, ALL TEXT SHALL BE SCREENED DIRECTLY ON THE PANEL. TEXT SHALL BE 0.25" MINIMUM.

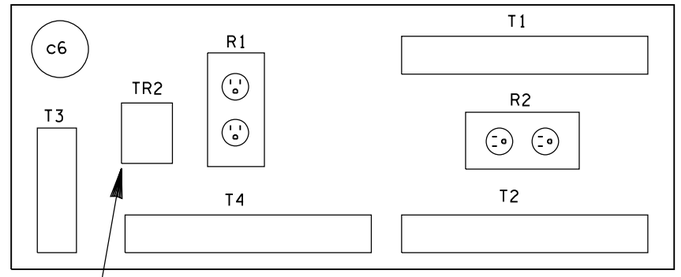
DISPLAY PANEL

NO SCALE

SHEET 3 OF 3

POWER DISTRIBUTION ASSEMBLY (PDA) #3

(REAR VIEW)



INSTALL MODEL 430 TRANSFER RELAY. WIRE AS SHOWN BELOW.

PDA #3 MODIFICATIONS

CONNECT:			FUNCTION
T2-8	TO	T4-6	TR OUTPUT TO FIELD GRN 2
T2-6	TO	MU-3	ENERGIZE TR WHEN MU IS NORMAL
T1-1, T1-2	TO	SR-3	FIELD OUTPUT - SIGN ON
T1-3, T1-4	TO	SR-4	FIELD OUTPUT - SIGN OFF

ADD TRANSFER RELAY #2 AS SHOWN.

TRANSFER RELAY

(FRONT PANEL OF PDA #3)

CONNECT TO	FUNCTION		CONNECT TO	FUNCTION
SWPK1-1	AC+ SUPPLY	7 8	SWPK2-7	GRN-2
CB 3	AC+	5 6	T4-6	GRN OUTPUT
NC	NA	3 4	TR-5	AC+
T2-6	MU-OK	1 2	T2-2	AC-

RC

SHOWN DE-ENERGIZED
ENERGIZED BY MONITOR UNIT NORMAL

TRANSFER RELAY #2

(MODEL 430)

CONNECT TO	FUNCTION		CONNECT TO	FUNCTION
SWPK3-7	GRN-3	7 8	SWPK1-7	GRN-1
T4-3	GRN OUTPUT	5 6	T4-9	GRN OUTPUT
CB3	AC+	3 4	TR2-3	AC+
T2-6	MU-OK	1 2	T2-2	AC-

RC

SHOWN DE-ENERGIZED
ENERGIZED BY MONITOR UNIT NORMAL

FILE NAME	T:\414124\ITS\SR9\XL4989_Phase 3_SR 204 Intersection Improvements\CAD\Y-11834_PS_ITS.dgn				REGION NO.	STATE	FED.AID PROJ. NO.
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SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

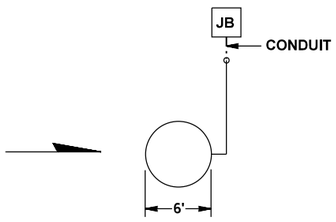
ITS DETAILS

Plot 13

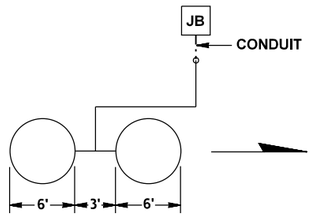
PLAN REF NO
ITD3

SHEET
OF
SHEETS

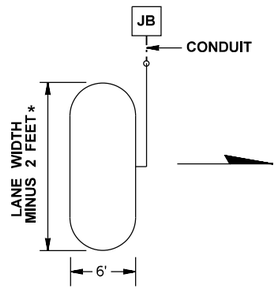
R1



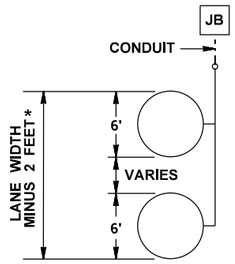
R2



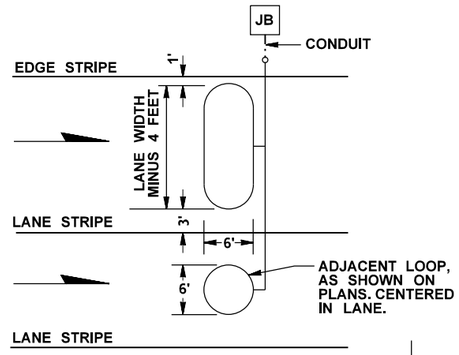
WR



WR ALTERNATIVE



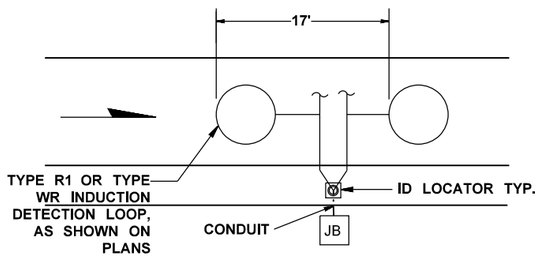
WR - DETAIL 2



* 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

SPEED DETECTION LAYOUT

FOR TYPE R1 OR WR LOOP



NOT TO SCALE

LOOP DETAILS 1 OF 3

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DESIGNED BY	C. WOO				CONTRACT NO.		LOCATION NO.
ENTERED BY	C. WOO						
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PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

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SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

ITS DETAILS

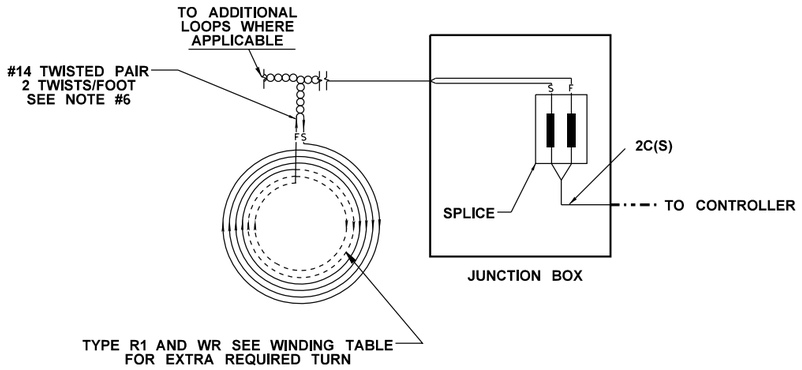
Plot 14

PLAN REF NO
ITD4

SHEET

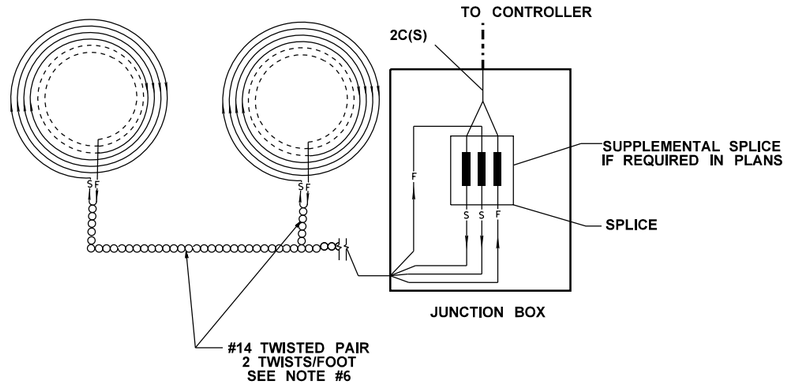
OF

SHEETS

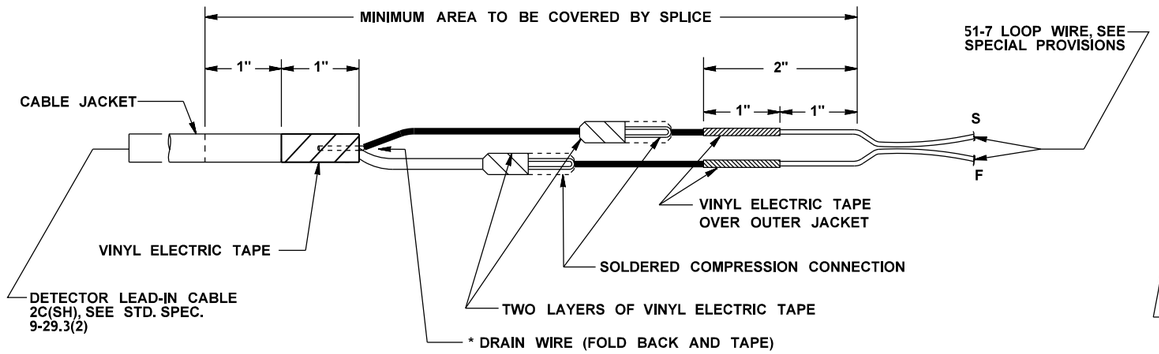


TYPE R1 AND TYPE WR INDUCTION LOOPS
LOOP WINDING DETAILS

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

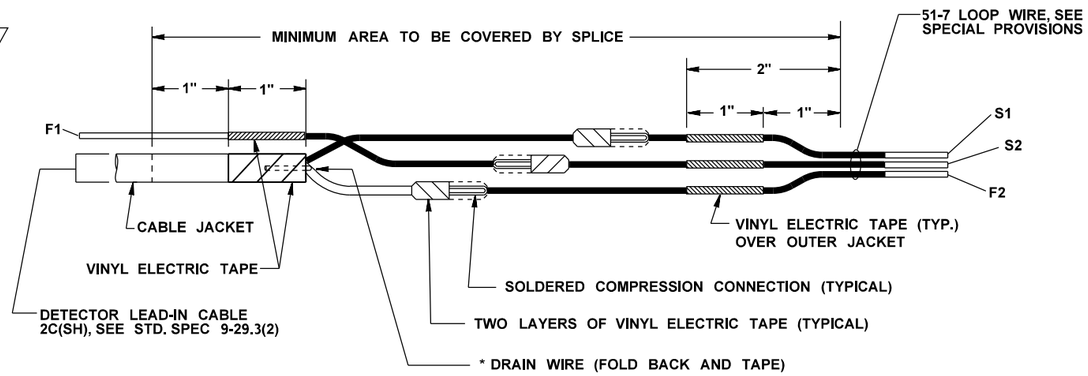


TYPE R2 AND MODIFIED TYPE WR INDUCTION LOOPS
LOOP WINDING DETAIL



* 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

FILE NAME	T:\414124\ITS\SR9\XL4989_Phase 3_SR 204 Intersection Improvements\CAD\Y-11834_PS_ITS.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
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DESIGNED BY	C. WOO				CONTRACT NO.		LOCATION NO.
ENTERED BY	C. WOO						
CHECKED BY	E. HAVENS						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

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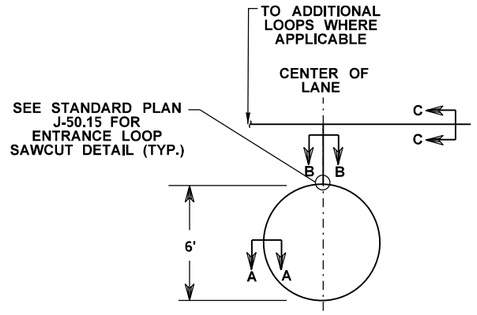
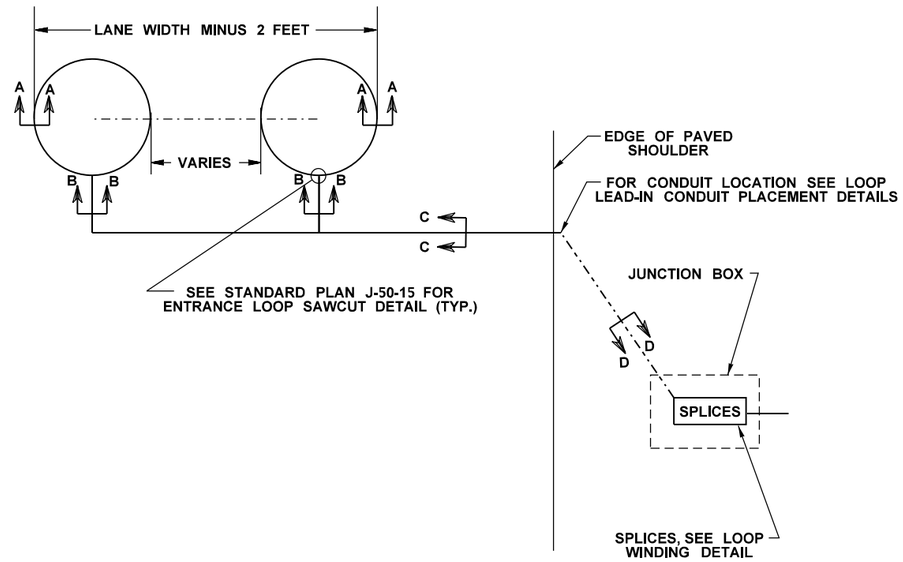
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)
ITS DETAILS

Plot 15
PLAN REF NO
ITD5
SHEET
OF
SHEETS



TYPE R1 INDUCTION LOOP



MODIFIED TYPE WR INDUCTION LOOP

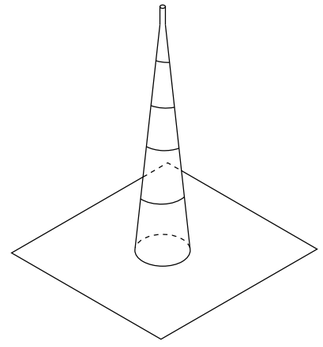
LOOP INSTALLATION NOTES

1. SEE STANDARD PLAN J-50.15 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 FOAM.
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

FILE NAME	T:\414124\ITS\SR9\XL4989_Phase 3_SR 204 Intersection Improvements\CAD\Y-11834_PS_ITS.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
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CHECKED BY	E. HAVENS						
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SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)
ITS DETAILS

Plot 16
PLAN REF NO
ITD6
SHEET
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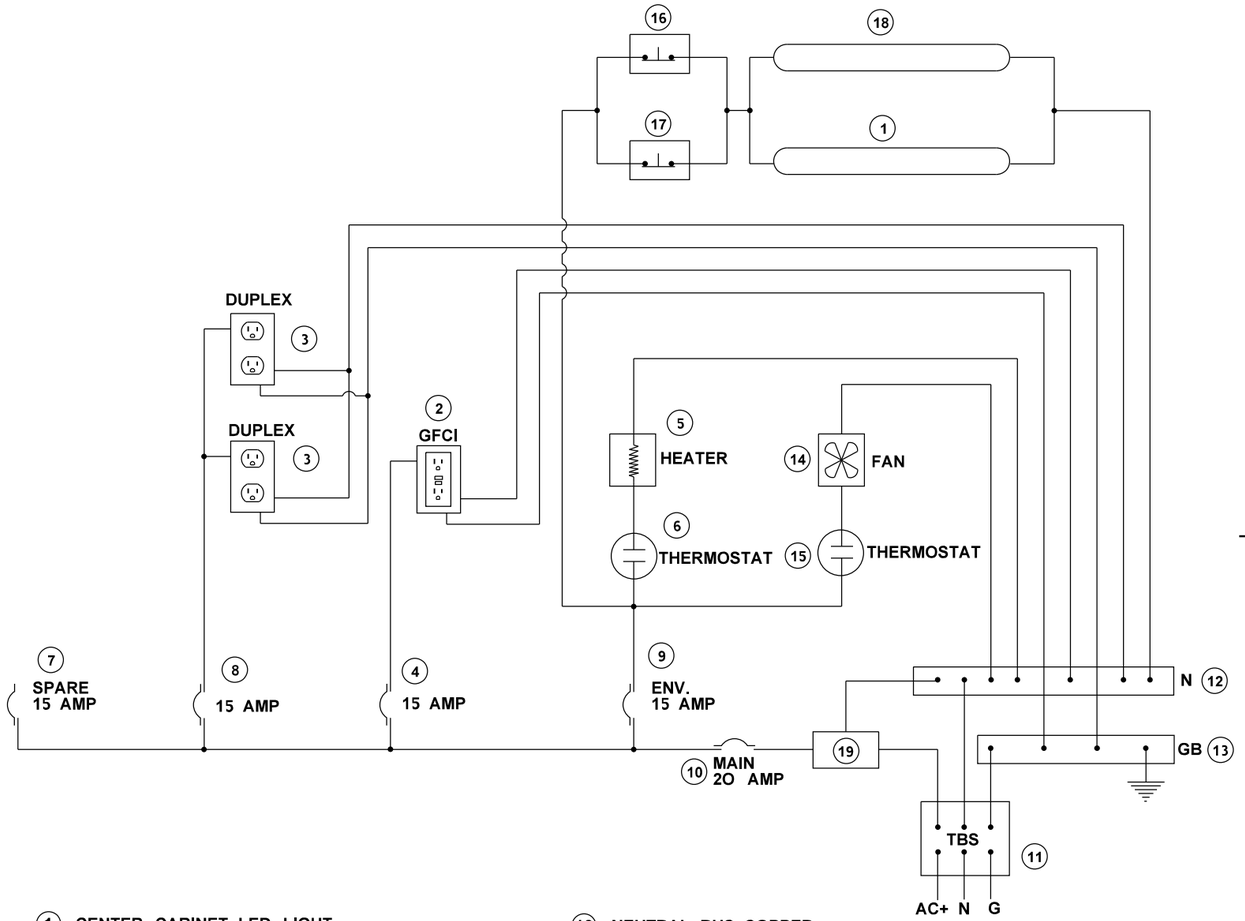
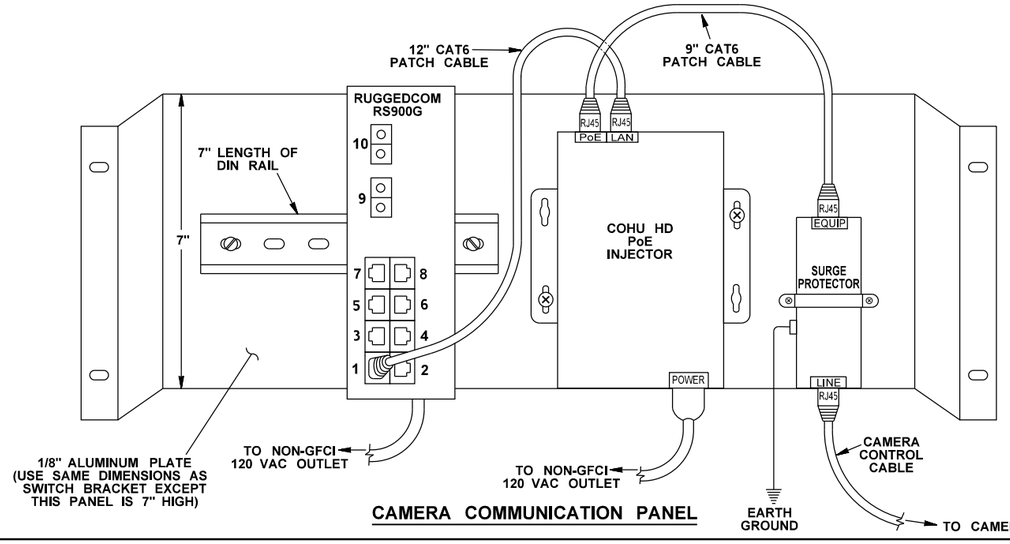
SHEETS

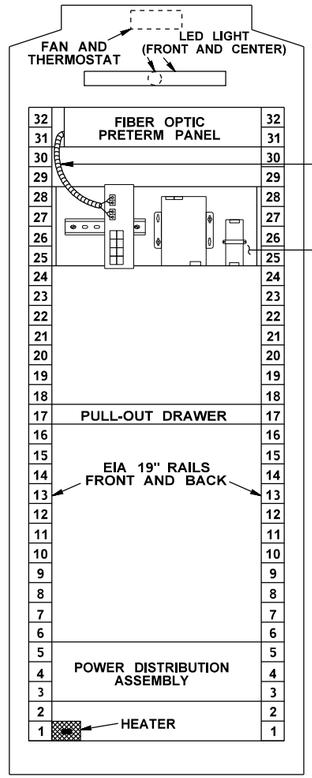




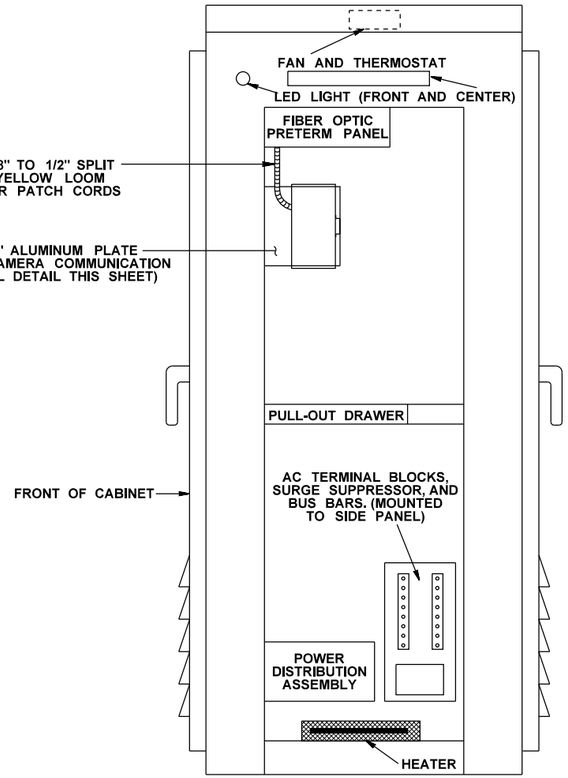
CAMERA COMMUNICATION PANEL

1. CENTER CABINET LED LIGHT
2. GFCI OUTLET DUPLEX RECEPTACLE
3. EIA DUPLEX RECEPTACLE
4. 15 AMP BREAKER FOR GFCI OUTLET
5. 100 WATT STRIP HEATER
6. THERMOSTAT, 50°F CLOSURE
7. 15 AMP SPARE BREAKER
8. 15 AMP RECEPTACLE BREAKER
9. 15 AMP ENVIRONMENTAL BREAKER
10. 20 AMP MAIN BREAKER
11. POWER TERMINAL BLOCK
12. NEUTRAL BUS, COPPER
13. GROUND BUS, COPPER
14. COOLING FAN
15. THERMOSTAT, 70°F CLOSURE
16. FRONT DOOR SWITCH (10 A), N.C.
17. REAR DOOR SWITCH (10 A), N.C.
18. FRONT CABINET LED LIGHT
19. SURGE SUPPRESSOR AND FILTER.

CAMERA CABINET WIRING DIAGRAM



CAMERA CABINET RACK ELEVATION - FRONT VIEW



CAMERA CABINET RACK - SIDE VIEW

NOT TO SCALE

CAMERA CABINET DETAILS

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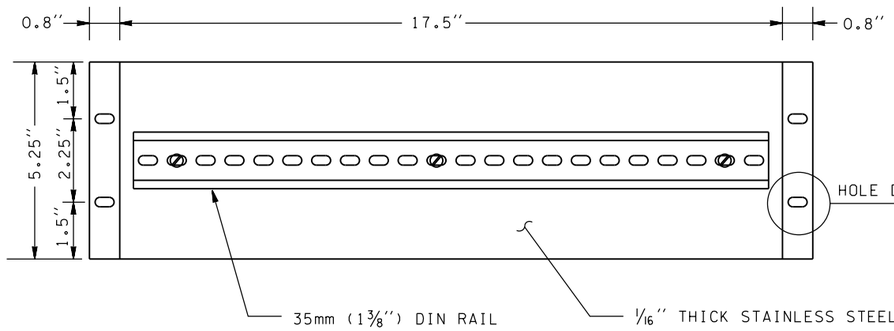
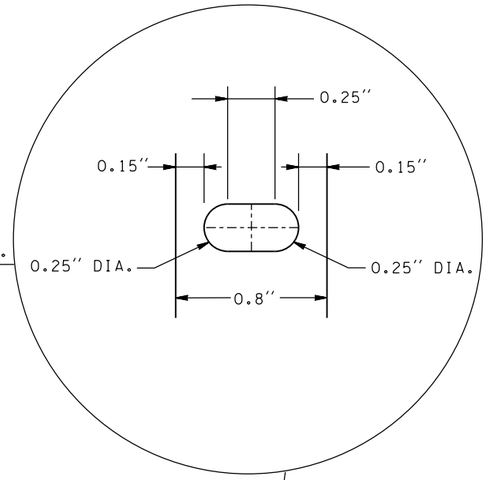
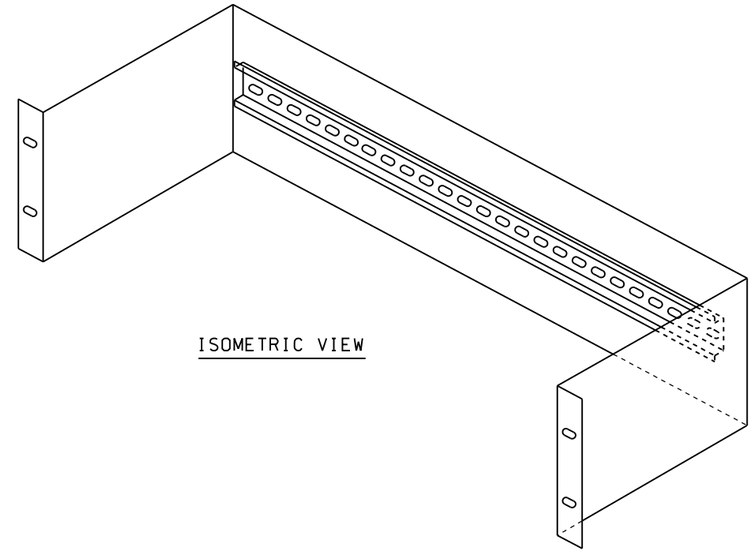
SR 9
SR 204 INTERSECTION
IMPROVEMENTS (STAGE 3)

ITS DETAILS

Plot 17
PLAN REF NO
ITD7
SHEET
OF
SHEETS





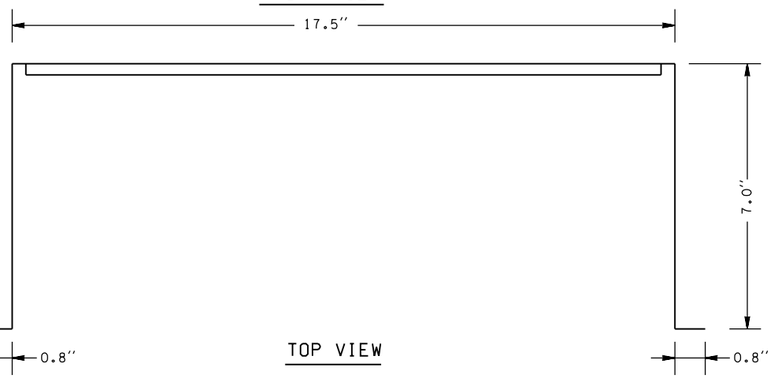


ISOMETRIC VIEW

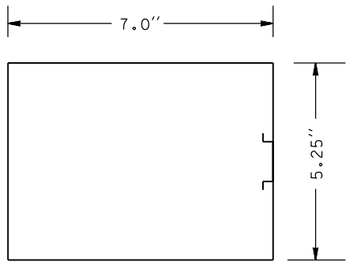
GENERAL NOTE:

1. FOR USE IN ALL ITS CABINETS, HUB, AND SIGNAL CABINETS.

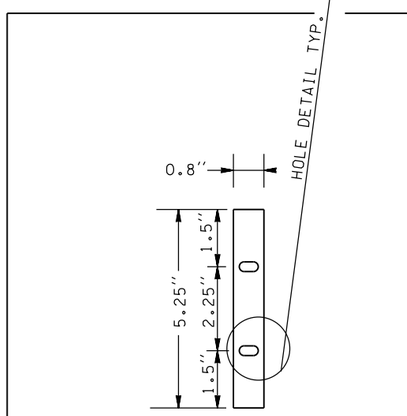
FRONT VIEW



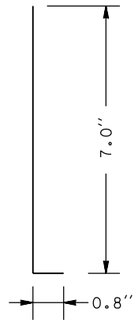
TOP VIEW



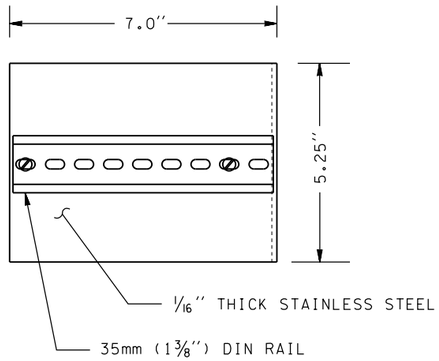
SIDE VIEW



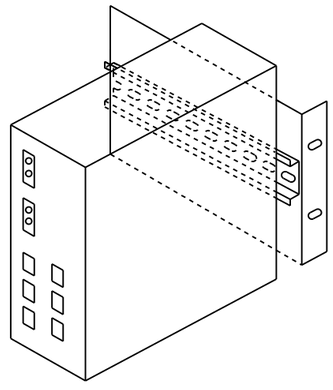
SIDE VIEW



TOP VIEW



FRONT VIEW



ISOMETRIC VIEW

GENERAL NOTE:

1. FOR USE IN ALL ITS CABINETS AND SIGNAL CABINETS.

FIBER OPTIC SWITCH BRACKET DETAIL

NOT TO SCALE

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P.E. STAMP BOX

DATE

P.E. STAMP BOX

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

ITS DETAILS

Plot 18

PLAN REF NO
ITD8

SHEET

OF

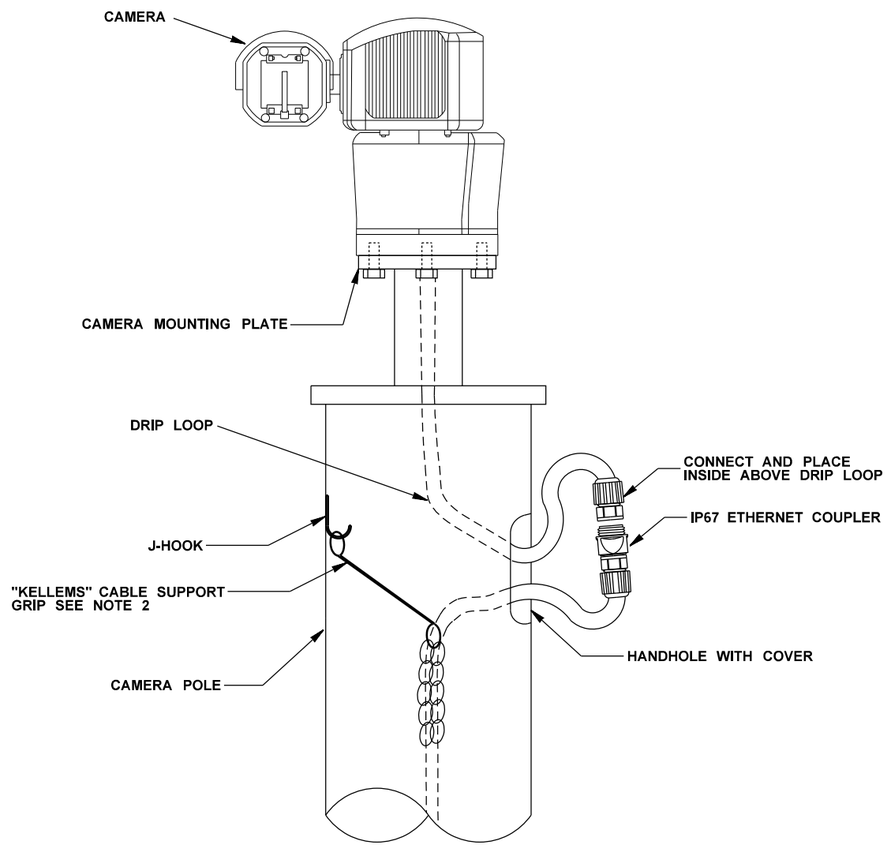
SHEETS

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-29.10-01 AND J-29.15-01 FOR CAMERA POLE AND FOUNDATION DETAILS.

CAMERA POLE SCHEDULE

CCTV#	LINE	STATION	OFFSET	LT/RT	POLE HEIGHT	FOUNDATION DEPTH	SHEET NO.
009vc01577	A	267+73	61.8 FT	RT	50	7 FT	ITS1
009vc01590	A	274+32	76.7 FT	LT	50	7 FT	ITS2



TYPICAL CAMERA MOUNTING DETAIL

FILE NAME	T:\414124\ITS\SR9\XL4989_Phase 3_SR 204 Intersection Improvements\CAD\Y-11834_PS_ITS.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	8:25:58 AM				10	WASH	
DATE	5/3/2021				JOB NUMBER		
PLOTTED BY	wooc						
DESIGNED BY	C. WOO						
ENTERED BY	C. WOO						
CHECKED BY	E. HAVENS				CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

MICHAEL LEE TOMAS STATE OF WASHINGTON 32138 REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

ITS DETAILS

Plot 19

PLAN REF NO
ITD9

SHEET
OF
SHEETS

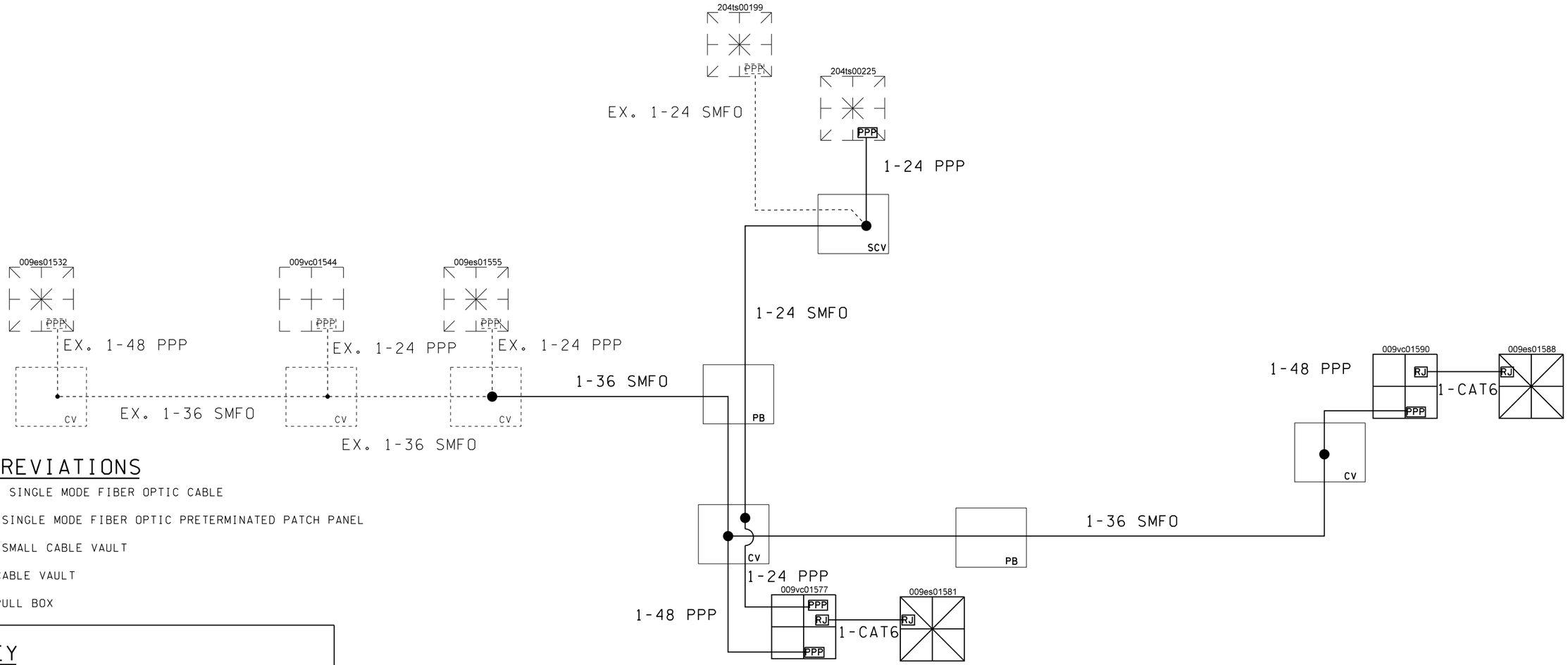
GENERAL NOTES:

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

2. NOT ALL PULL BOXES ARE SHOWN.

FOR CABLE VAULT LOCATIONS, SEE SHEETS ITS1-ITS2.

COMMUNICATION DIAGRAM



ABBREVIATIONS

SMFO - SINGLE MODE FIBER OPTIC CABLE

PPP - SINGLE MODE FIBER OPTIC PRETERMINATED PATCH PANEL

SCV - SMALL CABLE VAULT

CV - CABLE VAULT

PB - PULL BOX

KEY

EXISTING	NEW	
•	●	FIBER OPTIC SPLICE
PPP	PPP	PRETERMINATED PATCH PANEL
	RJ	CAT6 RJ45 TERMINATION

FILE NAME	T:\414124\ITS\SR9\XL4989_Phase 3_SR 204 Intersection Improvements\CAD\Y-11834_PS_ITS.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	8:26:00 AM				10	WASH	
DATE	5/3/2021				JOB NUMBER		
PLOTTED BY	wooc						
DESIGNED BY	C. WOO				CONTRACT NO.		LOCATION NO.
ENTERED BY	C. WOO						
CHECKED BY	E. HAVENS						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

MICHAEL LEE TOMAS — STATE OF WASHINGTON — 32138 — REGISTERED PROFESSIONAL ENGINEER

DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

ITS DETAILS

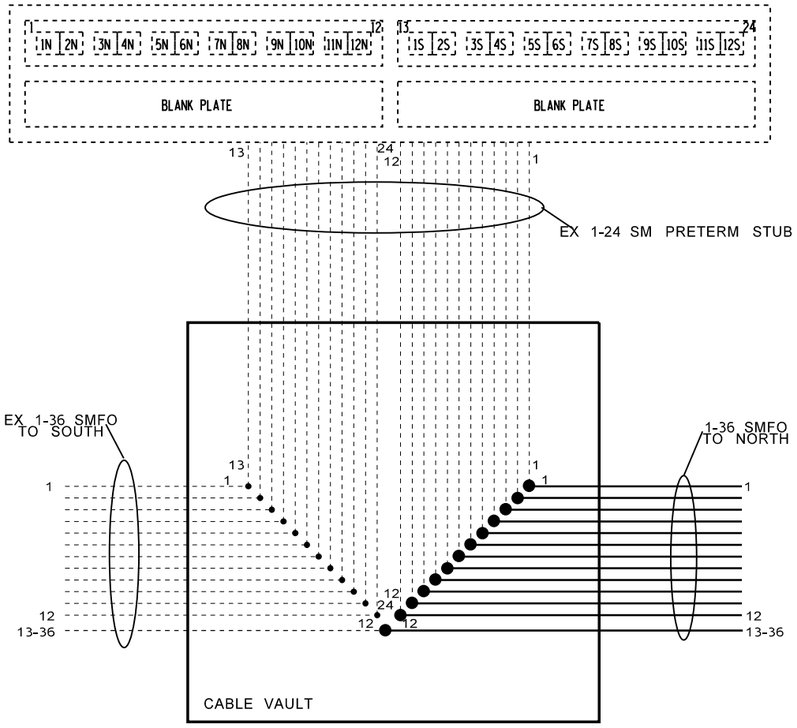
Plot 22

PLAN REF NO
ITD10

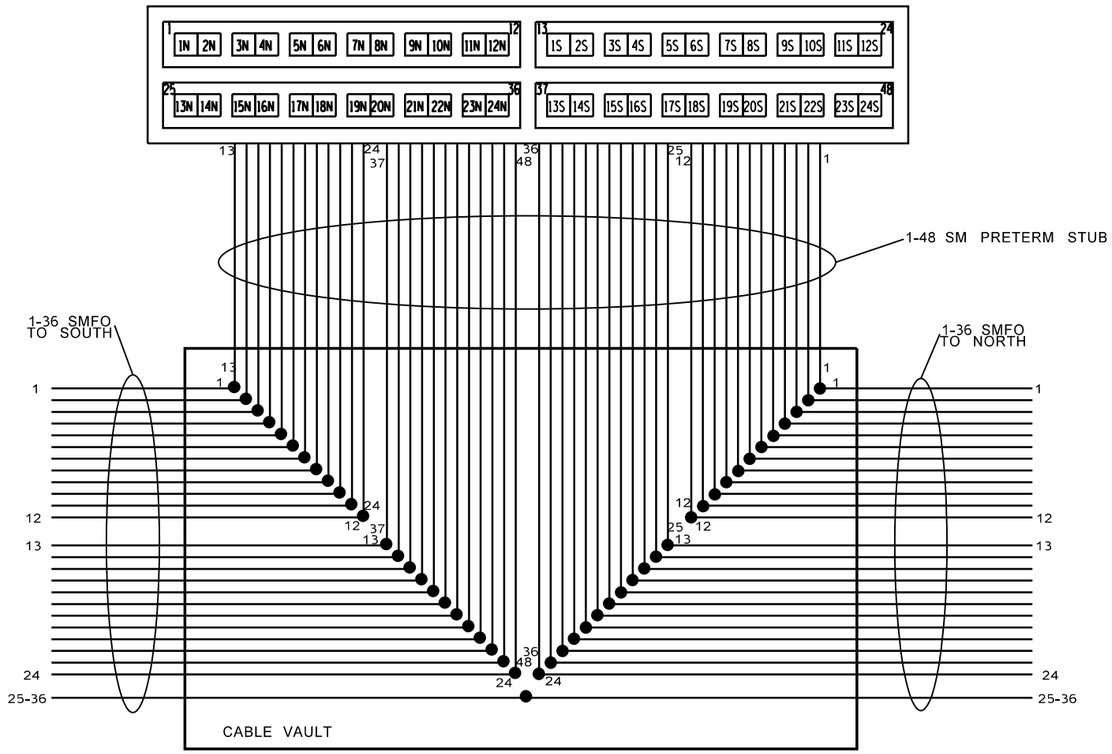
SHEET
OF
SHEETS

FIBER SPLICE DETAILS

EX. 009es01555 PRETERM PANEL LAYOUT



009vc01577 PRETERM PANEL LAYOUT - SR 9



ABBREVIATIONS

SMFO - SINGLE MODE FIBER OPTIC CABLE

PPP - SINGLE MODE FIBER OPTIC PRETERMINATED PATCH PANEL

CV - CABLE VAULT

KEY

EXISTING	NEW	
•	●	FIBER OPTIC SPLICE
PPP	PPP	PRETERMINATED PATCH PANEL

GENERAL NOTES:

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

FOR CABLE VAULT LOCATIONS, SEE SHEETS ITS1-ITS2.

FILE NAME	T:\414124\ITS\SR9\XL4989_Phase 3_SR 204 Intersection Improvements\CAD\Y-11834_PS_ITS.dgn						
TIME	8:26:01 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	5/3/2021						
PLOTTED BY	wooc				JOB NUMBER		
DESIGNED BY	C. WOO						
ENTERED BY	C. WOO				CONTRACT NO.	LOCATION NO.	
CHECKED BY	E. HAVENS						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

MICHAEL LEE FORRIS — STATE OF WASHINGTON — 32138 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

ITS DETAILS

Plot 23

PLAN REF NO ITD11

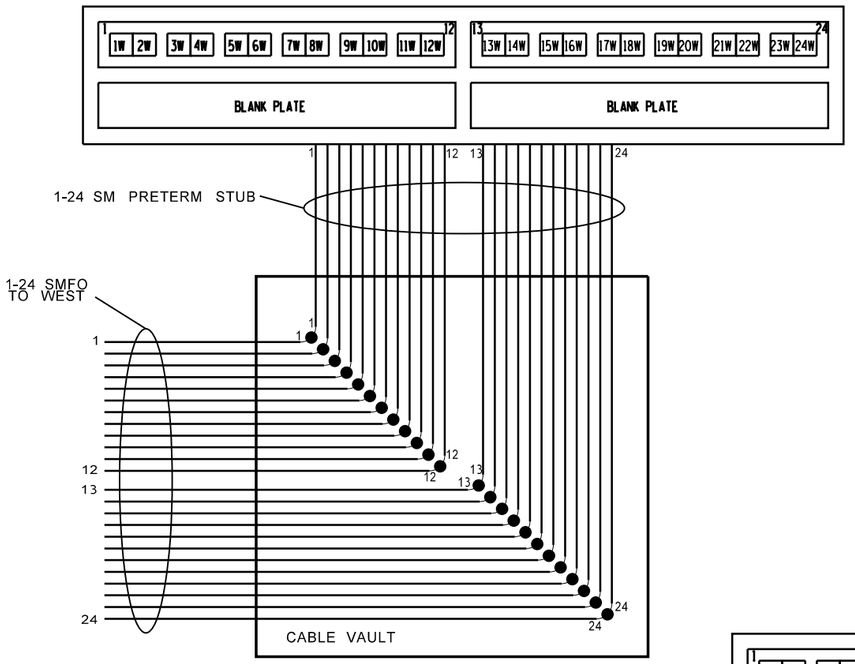
SHEET

OF

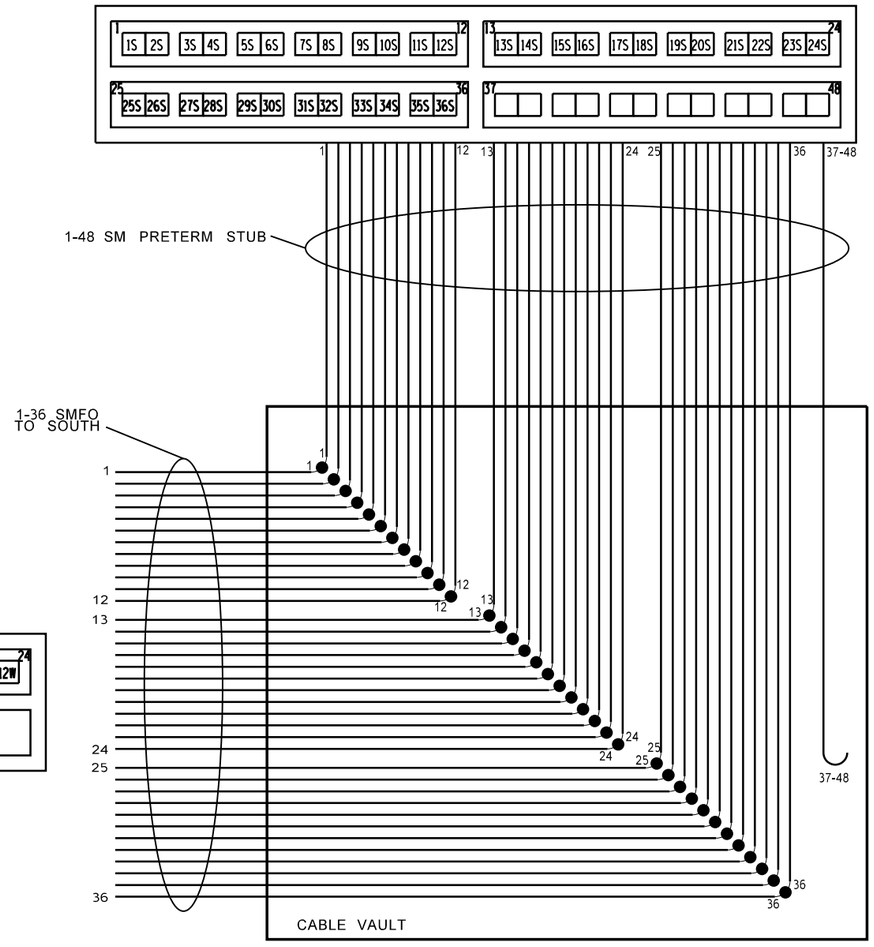
SHEETS

FIBER SPLICE DETAILS

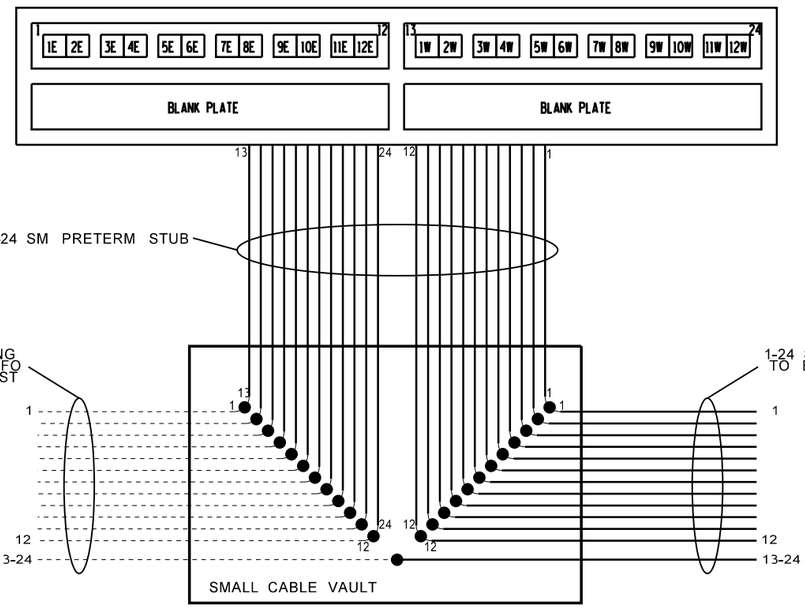
009vc01577 PRETERM PANEL LAYOUT - SR 204



009vc01590 PRETERM PANEL LAYOUT



204ts00225 PRETERM PANEL LAYOUT



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SCV - SMALL CABLE VAULT

KEY

EXISTING	NEW	
•	●	FIBER OPTIC SPLICE
PPP	PPP	PRETERMINATED PATCH PANEL

GENERAL NOTES:

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

FOR CABLE VAULT LOCATIONS, SEE SHEETS ITS1-ITS2.

FILE NAME	T:\414124\ITS\SR9\XL4989_Phase 3_SR 204 Intersection Improvements\CAD\Y-11834_PS_ITS.dgn						
TIME	8:26:03 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
DATE	5/3/2021				JOB NUMBER		
PLOTTED BY	wooc						
DESIGNED BY	C. WOO				CONTRACT NO.	LOCATION NO.	
ENTERED BY	C. WOO						
CHECKED BY	E. HAVENS						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

MICHAEL LEE TOBIN — STATE OF WASHINGTON — 32138 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

ITS DETAILS

Plot 24

PLAN REF NO ITD12

SHEET

OF

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 A992.

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

					REGION NO.	STATE	FED. AID PROJ. NO.			
									SR 9 SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)	SS1
DESIGNED BY	L. ANGLIN				10	WASH		Washington State Department of Transportation		SHEET
ENTERED BY	L. ANGLIN				JOB NUMBER					OF
CHECKED BY									SIGN SPECIFICATIONS	
PROJ. ENGR.	K. NDILE				CONTRACT NO.					SHEETS
REGION ADM.	M. COTTON									
		REVISION	DATE	BY						

SIGN SPECIFICATIONS

SIGN NO.	SIGN CODE	SIGN DESCRIPTION	STA. LOC. (or MP)	SIGN SIZE		SHEETING TYPE	LETTER SIZE OR CODE	POST MATERIAL	POST SIZE	POST LENGTH				CLEARANCE		REMARKS
				X	Y					H1	H2	H3	H4	V	W	
1A	W2-6P MOD.	ROUNDABOUTS AHEAD	A 256+70 RT.	36"	18"			STEEL	2.5" SQ.	15'						
1B	W2-6P	ROUNDABOUT	"	36"	36"	III OR IV	STANDARD							8'		INSTALL BELOW SIGN NO. 1A.
1C	W13-1 (??)	?? MPH	"	24"	24"	III OR IV	STANDARD							6'		INSTALL BELOW SIGN NO. 1B.
R-2		DO NOT ENTER	A 260+00 RT.													REMOVE SIGN & POST.
R-3		WRONG WAY	A 260+55 RT.													
4	D1-801 MOD.		A 262+10 RT.				SIGN DETAIL	STEEL	2.5" SQ.	1'	1'					
R-5		<SR 204 WEST EVERETT	A 262+58 RT.													
6	R3-8A MOD.		A 263+00 RT.			III OR IV	SIGN DETAIL	STEEL	2.5" SQ.	11'						
R-7		DO NOT ENTER	A 263+30 RT.													
R-8		LEFT TURN AHEAD	A 264+30 RT.													
R-9		RIGHT LANE MUST TURN RIGHT	A 264+57 RT.													
10	R4-7	KEEP RIGHT	A 264+70 RT.	24"	30"	III OR IV	STANDARD	STEEL	2.5" SQ.	13'				7'		
11A	W11-2	PEDESTRIAN CROSSING	A 265+25 RT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	14'				7.5'		
11B	W16-7PL	LEFT DOWNWARD COCKED ARROW	"	30"	18"	III OR IV	STANDARD							6'		INSTALL BELOW SIGN NO. 11A.
12A	W11-2	PEDESTRIAN CROSSING	A 265+40 RT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	14'				7.5'		
12B	W16-7P MOD.	LEFT/RIGHT DOWNWARD COCKED ARROW	"	30"	18"	III OR IV	STANDARD							6'		INSTALL BELOW SIGN NO. 12A.
13A	W11-2	PEDESTRIAN CROSSING	A 265+45 CL	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	14'				7.5'		
13B	W16-7PR	LEFT DOWNWARD COCKED ARROW	"	30"	18"	III OR IV	STANDARD							6'		INSTALL BELOW SIGN NO. 13A.
14A	R1-2	YIELD	A 265+89 RT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	12'				7'		
14B	R1-2	YIELD	A 266+00 RT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	12'				7'		
R-15		92ND AVE NE>	A 266+08 RT.													
16	R6-4	ROUNDABOUT DIRECTIONAL ARROW	A 266+50 RT.	30"	24"	III OR IV	SEE REMARKS	STEEL	2.5" SQ.	7'				5'		CN 1
17	D3-302		F 70+88 RT.		12"	III OR IV	SIGN DETAIL	STEEL	2.5" SQ.	6'				7'		
18A	W11-2	PEDESTRIAN CROSSING	F 71+85 RT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	14'				7.5'		
18B	W16-7PL	LEFT DOWNWARD COCKED ARROW	"	30"	18"	III OR IV	STANDARD							6'		INSTALL BELOW SIGN NO. 18A.
19	R1-2	YIELD	F 70+86 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	12'				7'		
20	R6-4	ROUNDABOUT DIRECTIONAL ARROW	A 266+90 RT.	30"	24"	III OR IV	SEE REMARKS	STEEL	2.5" SQ.	7'				5'		
21	D3-302		A 267+50 RT.		12"	III OR IV	SIGN DETAIL	STEEL	2.5" SQ.	6'				7'		

GENERAL NOTES:

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FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES "G".
FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.

1. SEE FHWA STANDARD HIGHWAY SIGNS 2012 SUPPLEMENT FOR DETAIL SPECIFICATIONS.

					REGION NO.	STATE	FED. AID PROJ. NO.		Washington State Department of Transportation	SR 9 SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)	SS 2
					10	WASH					SHEET
DESIGNED BY	L. ANGLIN				JOB NUMBER						OF
ENTERED BY	L. ANGLIN										
CHECKED BY										SIGN SPECIFICATIONS	SHEETS
PROJ. ENGR.											
REGION ADM.	M. COTTON				CONTRACT NO.						
		REVISION	DATE	BY							

SIGN SPECIFICATIONS

SIGN NO.	SIGN CODE	SIGN DESCRIPTION	STA. LOC. (or MP)	SIGN SIZE		SHEETING TYPE	LETTER SIZE OR CODE	POST MATERIAL	POST SIZE	POST LENGTH				CLEARANCE		REMARKS
				X	Y					H1	H2	H3	H4	V	W	
R-22		/\ EVERETT	F 71+20 LT.													
		< SNOHOMISH														
		ARLINGTON >														
23	R1-2	YIELD	F 70+97 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	11.5'				7'		
R-24		SPEED LIMIT 40	A 268+96 RT.													
R-26		LANE ASSIGNMENTS	A 269+80 RT.													
		LEFT | THRU | RIGHT														
R-27			A 270+28 RT.													
25A	R3-8A MOD.		A 270+65 RT.			III OR IV	SIGN DETAIL	STEEL	2.5" SQ.	11'				7'		
26B	R3-8A MOD.		A 270+65 LT.													
R-29		SIGNAL AHEAD	A 271+13 RT.													
30A	W11-2	PEDESTRIAN	A 272+05 rt.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	114'				7.5'		
30B	W16-7PL	LEFT DOWNWARD COCKED ARROW	"	30"	18"	III OR IV	STANDARD							6'		INSTALL BELOW SIGN NO. 30A.
31A	W11-2	PEDESTRIAN	A 272+15 RT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	14'				7.5'		
31B	W16-7PL	LEFT DOWNWARD COCKED ARROW	"	30"	18"	III OR IV	STANDARD							6'		INSTALL BELOW SIGN NO. 31B.
32A	W11-2	PEDESTRIAN	A 272+25 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	14'				7.5'		
32B	W16-7PR	RIGHT DOWNWARD COCKED ARROW	"	30"	18"									6'		INSTALL BELOW SIGN NO. 32A.
33	R1-2	YIELD	A 274+53 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	12'				7'		
34	R1-2	YIELD	A 273+70 RT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	12'				7'		
35	R1-2	YIELD	A 273+90 RT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	12'				7'		
R-36		YIELD	A 272+92 RT.													
37	R6-4	ROUNDABOUT DIRECTIONAL ARROW	A 273+15 RT.	30"	24"	III OR IV	SEE REMARKS	STEEL	2.5" SQ.	7'				5'		SEE CN1.
38	D3-302		H 30+10 RT.		12"	III OR IV	SIGN DETAIL	STEEL	2.5" SQ.	6'				7'		
39	R6-4	ROUNDABOUT DIRECTIONAL ARROW	A 273+50 RT.	30"	24"	III OR IV	STANDARD	STEEL	2.5" SQ.	7'				5'		
40	R1-2	YIELD	H 30+15 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	12'				7'		
R-41		VERNON RD/	A 273+73 RT.													
		N DAVIES RD														
42	R1-2	YIELD	H 30+50 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	12'				7'		
R-43		LAKE STEVENS-->	A 273+92 RT.													
		<--SR 9 TO SR 204														

GENERAL NOTES:

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1. SEE FHWA STANDARD HIGHWAY SIGNS 2012 SUPPLEMENT FOR DETAIL SPECIFICATIONS.

					REGION NO.	STATE	FED. AID PROJ. NO.			SS 3
					10	WASH			SR 9 SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)	SHEET
DESIGNED BY	L. ANGLIN				JOB NUMBER					OF
ENTERED BY	L. ANGLIN								SIGN SPECIFICATIONS	SHEETS
CHECKED BY										
PROJ. ENGR.										
REGION ADM.	M. COTTON				CONTRACT NO.					
		REVISION	DATE	BY						

Washington State Department of Transportation

SIGN SPECIFICATIONS

SIGN NO.	SIGN CODE	SIGN DESCRIPTION	STA. LOC. (or MP)	SIGN SIZE		SHEETING TYPE	LETTER SIZE OR CODE	POST MATERIAL	POST SIZE	POST LENGTH				CLEARANCE		REMARKS
				X	Y					H1	H2	H3	H4	V	W	
44	R1-2	YIELD	G 30+15 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	12'				7'		
45	NOT USED															
R-46		YIELD/	G 30+14 LT.													
		CIRCULAR MOVEMENT														
47	D3-302		A 274+12 RT.		12"	III OR IV	SIGN DETAIL	STEEL	2.5" SQ.	6'				7'		
48, 49	NOT USED															
50A	W2-6P MOD.	ROUNDABOUTS AHEAD	A 277+05 LT.	36"	18"	III OR IV	SIGN DETAIL	STEEL	2.5" SQ.	14'				??'		
50B	W2-6	ROUNDABOUT	"	36"	36"	III OR IV	STANDARD							8'		INSTALL BELOW SIGN NO. 50A.
50C	W13-1 (??)	?? MPH	"	24"	24"	III OR IV	STANDARD							6'		INSTALL BELOW SIGN NO. 50B.
R-51		RIGHT CURVE/	A 276+75 LT.													
		35 MPH	"													
52	R4-7	KEEP RIGHT	A 276+56 LT.	24"	30"	III OR IV	STANDARD	STEEL	2.5" SQ.	11'				7'		
53A	R3-8	LANE ASSIGNMENTS	A 275+60 LT.	36"	36"	III OR IV	SEE REMARKS	STEEL	2.5" SQ.	11.5'				7'		SEE CN 1.
53B	R3-8	LANE ASSIGNMENTS	A 276+00 LT.	36"	36"	III OR IV	SEE REMARKS	STEEL	2.5" SQ.	11.5'				7'		SEE CN 1.
R-54		EXIT W/RIGHT COCKED ARROW	A 274+21 LT.													
55	R1-2	YIELD	A 274+13 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	12'				7'		
56	R1-2	YIELD	A 274+05 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	12'				7'		
57	R6-4	ROUNDABOUT DIRECTIONAL ARROW	A 273+50 LT.	30"	24"	III OR IV	STANDARD	STEEL	2.5" SQ.	T				5'		
58	R6-4	ROUNDABOUT DIRECTIONAL ARROW	A 273+07 LT.	30"	24"	III OR IV	STANDARD	STEEL	2.5" SQ.	T				5'		
59	D3-302		H 28+55 LT.		12"	III OR IV	SIGN DETAIL	STEEL	2.5" SQ.	6'				7'		
60	R1-2	YIELD	H 28+52 RT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	12'				7'		
61	R4-7	KEEP RIGHT	H 28+30 RT.	24"	30"	III OR IV	STANDARD	STEEL	2.5" SQ.	11'				7'		
62	R1-2	YIELD	H 28+51 RT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	12'				7'		
63	D3-302	SR 9 / STREET NAME?	A 272+51 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	12'				7'		
64A	W11-2	PEDESTRIAN	A 272+43 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	14'				8'		
64B	W16-7PR	DOWNWARD RIGHT COCKED ARROW	"	30"	18"	III OR IV	STANDARD							6'		INSTALL BELOW SIGN NO. 64A.
65A	W11-2	PEDESTRIAN	A 272+35 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	14'				8'		
65B	W16-7PL	LEFT DOWNWARRD COCKED ARROW	"	30"	18"	III OR IV	STANDARD							6'		INSTALL BELOW SIGN NO. 65A.
R-66		SR 204 WEST EVERETT-->	A 272+35 LT.													
R-67		RIGHT LANE MUST TURN RIGHT	A 271+35 LT.													

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.

1. SEE FHWA STANDARD HIGHWAY SIGNS 2012 SUPPLEMENT FOR DETAIL SPECIFICATIONS.

					REGION NO.	STATE	FED. AID PROJ. NO.		Washington State Department of Transportation	SR 9 SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)
					10	WASH				
DESIGNED BY	L. ANGLIN				JOB NUMBER					SHEET
ENTERED BY	L. ANGLIN									OF
CHECKED BY					CONTRACT NO.					SHEETS
PROJ. ENGR.										SIGN SPECIFICATIONS
REGION ADM.	M. COTTON									
		REVISION	DATE	BY						

SS 4

SIGN SPECIFICATIONS

SIGN NO.	SIGN CODE	SIGN DESCRIPTION	STA. LOC. (or MP)	SIGN SIZE		SHEETING TYPE	LETTER SIZE OR CODE	POST MATERIAL	POST SIZE	POST LENGTH				CLEARANCE		REMARKS
				X	Y					H1	H2	H3	H4	V	W	
68	D1-901		A 270+50 LT.													
69	R3-8A MOD.	LANE ASSIGNMENTS	A 269+30 LT.			III OR IV	SIGN DETAIL	STEEL	2.5" SQ.	11'				7'		
70	R1-2	YIELD	A 267+50 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	12'				7'		
71	R1-2	YIELD	A 267+33 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	12'				7'		
72	R6-4	ROUNDABOUT DIRECTIONAL ARROW	A 266+85 LT.	30"	24"	III OR IV	SEE REMARKS	STEEL	2.5" SQ.	7'				5'		SEE CN 1.
73	D3-302		B 134+223 LT.		12"	III OR IV	SIGN DETAIL	STEEL	2.5" SQ.	6'				7'		
74	R6-4	ROUNDABOUT DIRECTIONAL ARROW		30"	24"	III OR IV	SEE REMARKS	STEEL	2.5" SQ.	7'				5'		
75	NOT USED									7'						
76	R1-2	YIELD	B 124+21 RT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	12'				7'		
77	D3-302		A 265+85 LT.		12"	III OR IV	SIGN DETAIL	STEEL	2.5" SQ.	6'				7'		
78	R1-2	YIELD	A 265+70 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	12'				7'		
79A	W11-2	PEDESTRIAN	A 265+65 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	15'				8'		
79B	W16-7PR	RIGHT DOWNWARD COCKED ARROW	"	30"	18"	III OR IV	STANDARD							6'		INSTALL BELOW SIGN NO. 79A.
80A	W11-2	PEDESTRIAN	A 265+50 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	`5				8'		
80B	W16-7PL	LEFT DOWNWARD COCKED ARROW	"	30"	18"	III OR IV	STANDARD							6'		INSTALL BELOW SIGN NO. 80A.
R-81		SOUTH SR 9	A 264+48 LT.													
R-82		ADOPT A HIGHWAY/	A 263+50 LT.													
		THIS AREA AVAILABLE	"													
83	M1-701 (SOUTH)	SOUTH SR 9	A 262+86 LT.	24"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	12'				7'		
84		FOOD NEXT RIGHT (PIZZA HUT)	A 261+00 LT.													RELOCATE
R-85		NO LEFT TURN	A 256+45 LT.													
86A	W2-6P	ROUNDABOUT AHEAD	B 120+85 RT.	36"	18"	III OR IV	STANDARD	STEEL	2.5" SQ.	1'				??'		
86B	W2-6	ROUNDABOUT SYMBOL	"	36"	36"	III OR IV	STANDARD							8'		INSTALL BELOW SIGN NO. 86A.
96C	W13-1 (??)	?? MPH	"	24"	24"	III OR IV	STANDARD							6'		INSTALL BELOW SIGN NO. 86B.
87	D1-901	<--SR 9 NORTH GRANITE FALLS	B 121+82 RT.													
		SR 9 SOUTH SNOHOMISH -->														
R-88			B 121+84 RT.													REMOVE SIGN, STEEL POSTS AND FOUNDATIONS.
89	R3-8 MOD.	LANE ASSIGNMENTS	J 33+85 RT.			III OR IV	SIGN DETAIL	STEEL	2.5" SQ.	1'				7'		
R-90		DEAD END	H Vernon Rd													

CONSTRUCTION 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.

"ROOM FOR ADDITIONAL NOTES" …

					REGION NO.	STATE	FED. AID PROJ. NO.		Washington State Department of Transportation	SR 9 SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)
					10	WASH				SS 5
DESIGNED BY	L. ANGLIN									SHEET
ENTERED BY	L. ANGLIN				**JOB NUMBER**					OF
CHECKED BY										SHEETS
PROJ. ENGR.										SIGN SPECIFICATIONS
REGION ADM.	M. COTTON				**CONTRACT NO.**					
		REVISION	**DATE**	**BY**						

SIGN SPECIFICATIONS

SIGN NO.	SIGN CODE	SIGN DESCRIPTION	STA. LOC. (or MP)	SIGN SIZE		SHEETING TYPE	LETTER SIZE OR CODE	POST MATERIAL	POST SIZE	POST LENGTH				CLEARANCE		REMARKS
				X	Y					H1	H2	H3	H4	V	W	
91A	R1-2	YIELD	H 23+85 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.					CN 2'	8.6'	
91B	R6-5P	ROUNDABOUT CIRCULATION PLAQUE	"	30"	30"	III OR IV	SEE REMARKS								6'	CN 1. INSTALL BELOW SIGN NO. 91A.
92A	R1-2	YIELD	J 35+10 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.					CN 2'		
92B	R6-5P	ROUNDABOUT CIRCULATION PLAQUE	"	30"	30"	III OR IV	SEE REMARKS									CN 1. INSTALL BELOW SIGN NO. 92A.
93A	R1-2	YIELD	H 22+90 RT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	1'				CN 2'		
93B	R6-5P	ROUNDABOUT CIRCULATION PLAQUE	"	30"	30"	III OR IV										CN 1. INSTALL BELOW SIGN NO. 93A.
R-94		STOP	H 23+15 RT.													
95A	R1-2	YIELD	G 30+89 RT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	1'				CN 2'		
95B	R6-5P	ROUNDABOUT CIRCULATION PLAQUE	"	30"	30"	III OR IV	SEE REMARKS									CN 1. INSTALL BELOW SIGN NO. 95A.
96A	R1-2	YIELD	D 16+70 RT.	36"	46"	III OR IV	STANDARD	STEEL	2.5" SQ.	1'				CN 2'		
95B	R6-5P	ROUNDABOUT CIRCULATION PLAQUE	"	30"	30"	III OR IV	SEE REMARKS									CN 1. INSTALL BELOW SIGN NO. 95A.
96A	R1-2	YIELD	G 16+45 RT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	1'				CN 2'		
96B	R6-5P	ROUNDABOUT CIRCULATION PLAQUE	"	30"	30"	III OR IV	SEE REMARKS									CN 1. INSTALL BELOW SIGN NO. 96A.
97A	R1-2	YIELD	H 31+86 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	1'				CN 2'		INSTALL BELOW SIGN NO.90A.
97B	R6-5P	ROUNDABOUT CIRCULATION PLAQUE	"	30"	30"	III OR IV	SEE REMARKS									INSTALL BELOW SIGN NO. 97A.
R-98		YIELD/	G 17+40 LT.													REMOVE SIGNS (2) & POST.
		CIRCULAR MOVEMENT														
99A	R1-2	YIELD	G 17+34 LT.	36"	36"	III OR IV	STANDARD	STEEL	2.5" SQ.	1'				CN 2'		
999B	R6-5P	ROUNDABOUT CIRCULATION PLAQUE	"	30"	30"	III OR IV	SEE REMARKS									INSTALL BELOW SIGN NO. 99A.
100A	W2-6	ROUNDABOUT SYMBOL		30"	30"	III OR IV	STANDARD	STEEL	2.5" SQ.	1'				CN 2'	8.5'	
100B	W13-1 (15)	15 MPH	"	18"	18"	III OR IV	STANDARD								7'	INSTALL BELOW SIGN NO. 100A.
101A	W1-1	TURN SYMBOL		30"	30"	III OR IV	STANDARD	STEEL	2.5" SQ.	1'				CN 2'	8.5'	
101B	W13-1 (15)	15 MPH	"	18"	18"	III OR IV	STANDARD								7'	INSTALL BELOW SIGN NO. 101B.
R-102		ROUNDABOUT SYMBOL/														REMOVE SIGNS (2) & POST.
		15 MPH														
103A	W2-6	ROUNDABOUT SYMBOL		30"	30"	III OR IV	STANDARD	STEEL	2.5" SQ.	1'				CN 2'	8.5'	
1-3B	W13-1 (15)	15 MPH	"	18"	18"	III OR IV	STANDARD								7'	INSTALL BELOW SIGN NO. 103A.

CONSTRUCTION NOTES:

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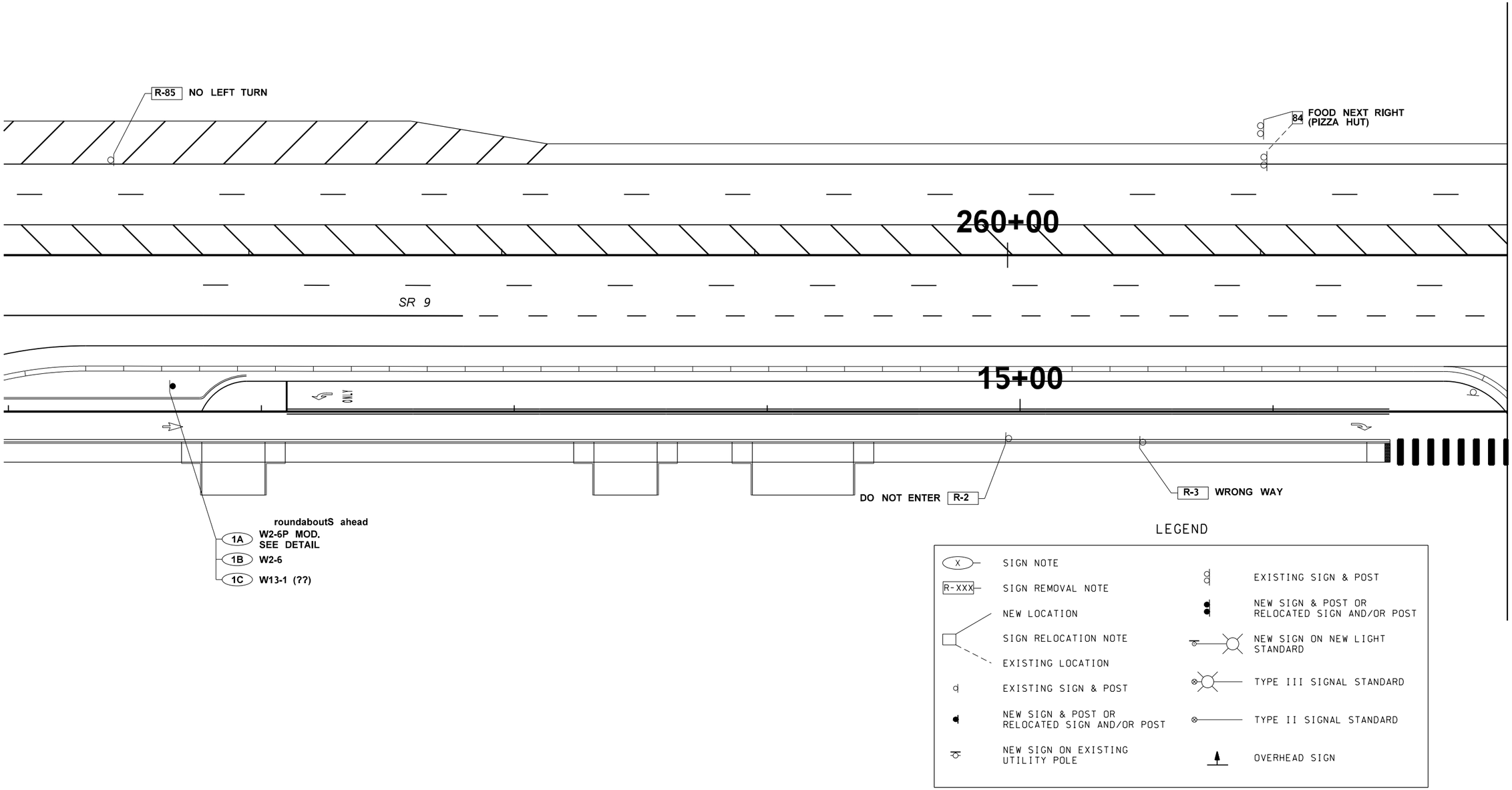
FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLAN SHEET SERIES "G".
FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.

1. SEE FHWA STANDARD HIGHWAY SIGNS 2012 SUPPLEMENT FOR DETAIL SPECIFICATIONS.
2. W DISTANCE MEASURED FROM EDGE OF PAVEMENT AND EDGE OF SIGN.

					REGION NO.	STATE	FED. AID PROJ. NO.		Washington State Department of Transportation	SR 9 SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)
					10	WASH				
DESIGNED BY	L. ANGLIN				JOB NUMBER					
ENTERED BY	L. ANGLIN									
CHECKED BY					CONTRACT NO.					SIGN SPECIFICATIONS
PROJ. ENGR.										
REGION ADM.	M. COTTON									
		REVISION	**DATE**	**BY**						

SS 6

SHEET OF SHEETS



LEGEND

X — SIGN NOTE	EXISTING SIGN & POST
R-XXX — SIGN REMOVAL NOTE	NEW SIGN & POST OR RELOCATED SIGN AND/OR POST
NEW LOCATION	NEW SIGN ON NEW LIGHT STANDARD
SIGN RELOCATION NOTE	TYPE III SIGNAL STANDARD
EXISTING LOCATION	TYPE II SIGNAL STANDARD
EXISTING SIGN & POST	OVERHEAD SIGN
NEW SIGN & POST OR RELOCATED SIGN AND/OR POST	
NEW SIGN ON EXISTING UTILITY POLE	

FILE NAME	T:\414121\Sign Design_Projects\SR 9\XL4989 - SR9_SR204_Stage3\Y-11834_PS_SN_NEW.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	11:23:00 AM						
DATE	5/6/2021						
PLOTTED BY	anglinl				JOB NUMBER		
DESIGNED BY	C. WOO						
ENTERED BY	C. WOO						
CHECKED BY					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

SIGNING PLAN

Plot 4

PLAN REF NO **S1**

SHEET OF SHEETS

MATCH LINE SEE SHEET S5

MATCH LINE SHEET S3

SR 9

265+00

125+00

10+00

83 M1-701 (SOUTH 9)

R-82 ADOPT A HIGHWAY/ THIS AREA AVAILABLE

SOUTH SR 9 R-81

SR 9

ONLY

TRANSIT

W16-7PR 13B

W11-2 13A

W16-7PL 80B

W11-2 80A

W16-7PR 79B

W11-2 79A

R1-2 78

D3-302 SEE DETAIL 77

R1-2 71

70 R1-2

73 D3-302 SEE DETAIL

R1-2 76

74 R6-4

R6-4 72

R6-4 20

16 R6-4

D3-302 SEE DETAIL 21

W11-2 12A

W16-7P MOD. SEE DETAIL 12B

R1-2 14A

W11-2 11A

W16-7PL 11B

R1-2 14B

R-5 <–SR 204 WEST EVERETT

R-7 DO NOT ENTER

6 R3-8A MOD. SEE DETAIL

LEFT TURN AHEAD R-8

4 D1-901 MOD. SEE DETAIL

10 R4-7

R-9 RIGHT LANE MUST TURN RIGHT

92ND AVE NE> R-15

D3-302 SEE DETAIL 17

19 R1-2

W11-2 18A

W16-7PL 18B

23 R1-2

77TH

/\EVERETT <SNOHOMISH ARLINGTON> R-22

0 20 40

SCALE IN FEET

LEGEND

X — SIGN NOTE	EXISTING SIGN & POST
R-XXX — SIGN REMOVAL NOTE	NEW SIGN & POST OR RELOCATED SIGN AND/OR POST
NEW LOCATION	NEW SIGN ON NEW LIGHT STANDARD
SIGN RELOCATION NOTE	TYPE III SIGNAL STANDARD
EXISTING LOCATION	TYPE II SIGNAL STANDARD
EXISTING SIGN & POST	OVERHEAD SIGN
NEW SIGN & POST OR RELOCATED SIGN AND/OR POST	
NEW SIGN ON EXISTING UTILITY POLE	

FILE NAME	T:\414121\Sign Design_Projects\SR 9\XL4989 - SR9_SR204_Stage3\Y-11834_PS_SN_NEW.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	11:23:53 AM						
DATE	5/6/2021						
PLOTTED BY	anglinl				JOB NUMBER		
DESIGNED BY	C. WOO						
ENTERED BY	C. WOO				CONTRACT NO.		LOCATION NO.
CHECKED BY							
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

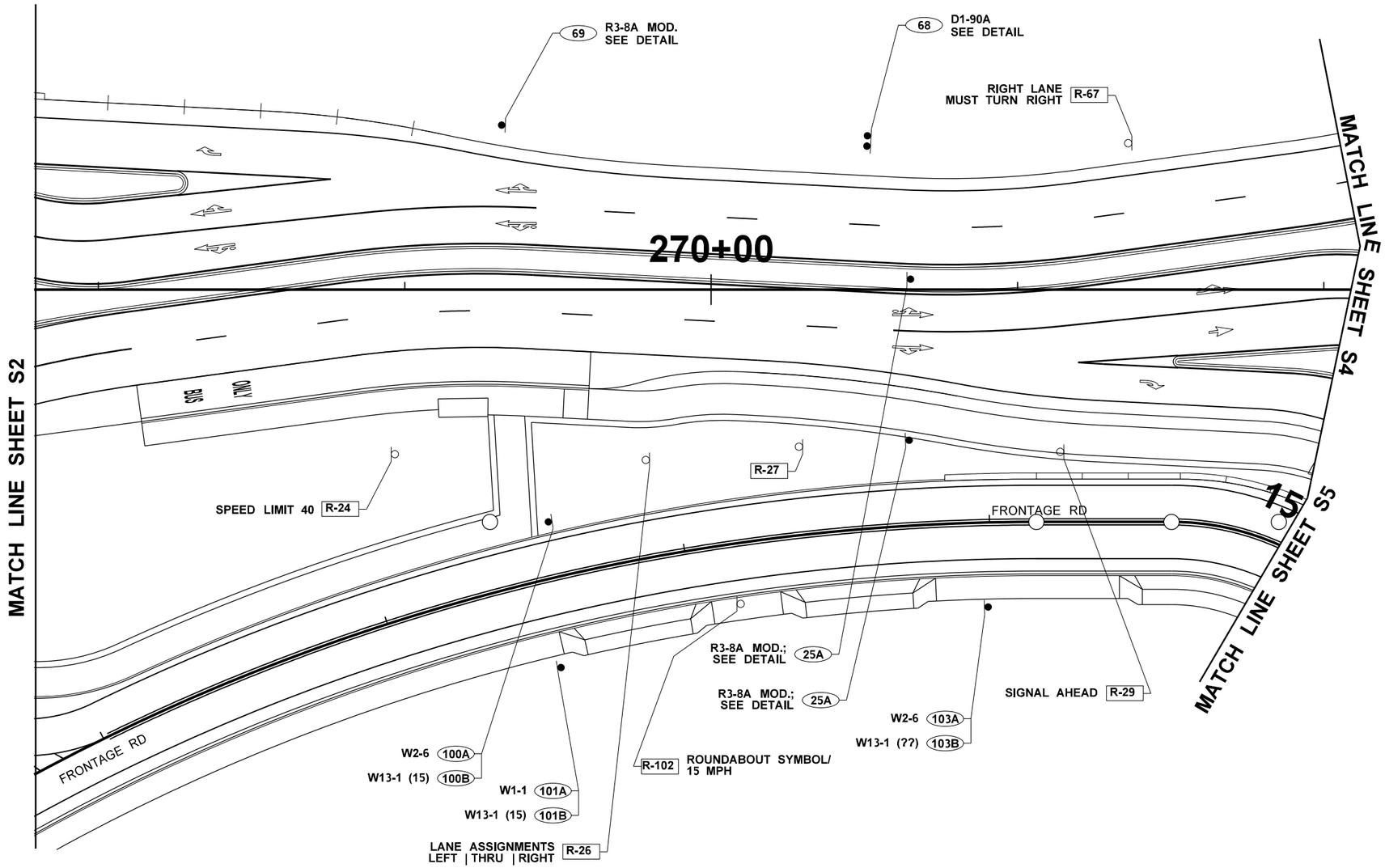
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

SIGNING PLAN

Plot 5

PLAN REF NO S2

SHEET OF SHEETS



FILE NAME	T:\414121\Sign Design_Projects\SR 9\XL4989 - SR9_SR204_Stage3\Y-11834_PS_SN_NEW.dgn				REGION NO.	STATE	FED.AID PROJ.NO.	Plot 6
TIME	6:29:20 AM				10	WASH		PLAN REF NO S3
DATE	5/7/2021				JOB NUMBER			
PLOTTED BY	anglinl							SHEET OF SHEETS
DESIGNED BY	L. ANGLIN				CONTRACT NO.		LOCATION NO.	
ENTERED BY	L. ANGLIN							
CHECKED BY								
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY				

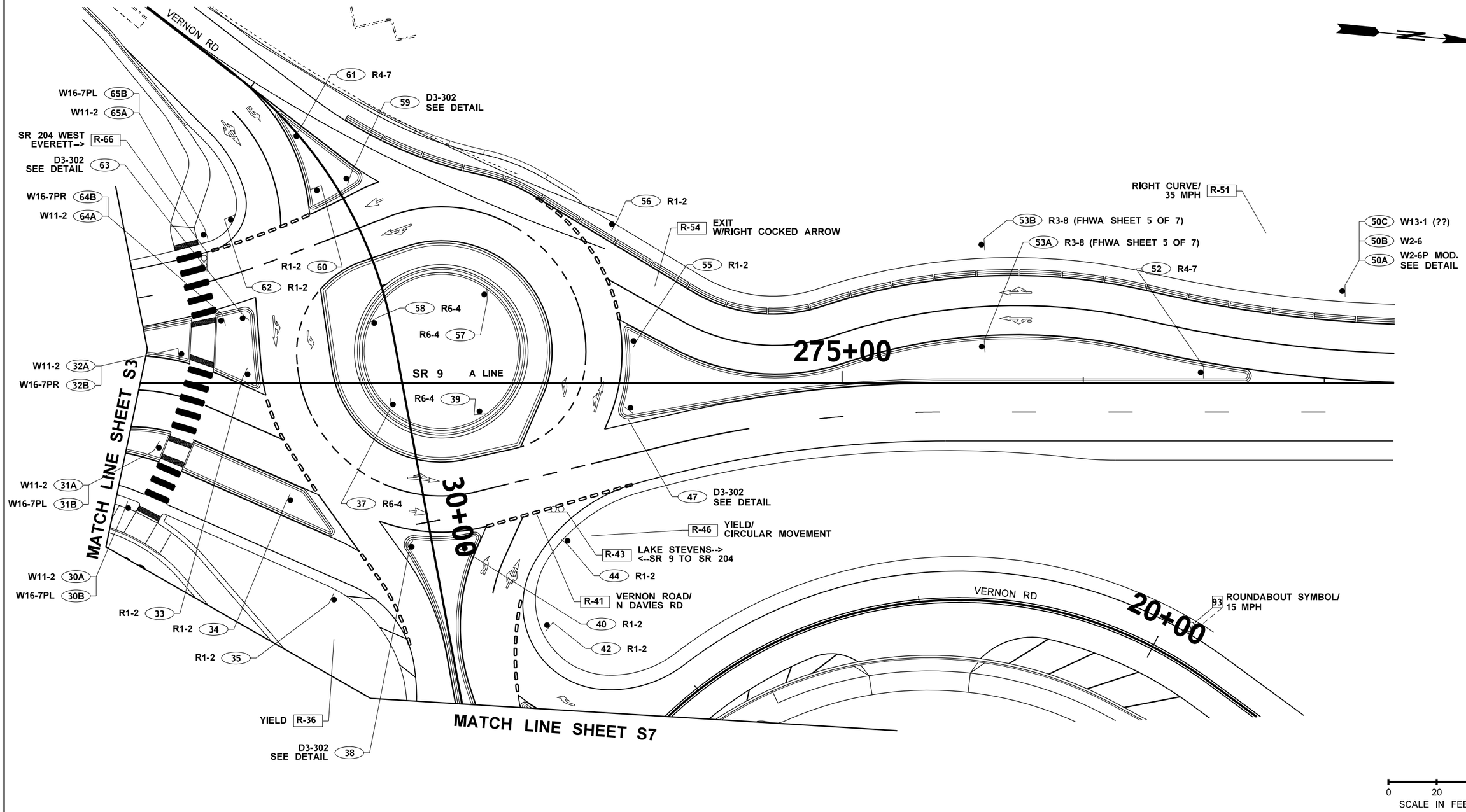
P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

SIGNING PLAN



FILE NAME	T:\414121\Sign Design_Projects\SR 9\XL4989 - SR9_SR204_Stage3\Y-11834_PS_SN_NEW.dgn				REGION NO.	STATE	FED.AID PROJ.NO.	Washington State Department of Transportation
TIME	11:25:15 AM				10	WASH		SR 9 SR 204 INTERSECTION IMPROVEMENTS (STAGE 3) SIGNING PLAN
DATE	5/6/2021							
PLOTTED BY	anglini				JOB NUMBER			
DESIGNED BY	C. WOO							
ENTERED BY	C. WOO				CONTRACT NO.		LOCATION NO.	
CHECKED BY								
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY				

DATE
P.E. STAMP BOX

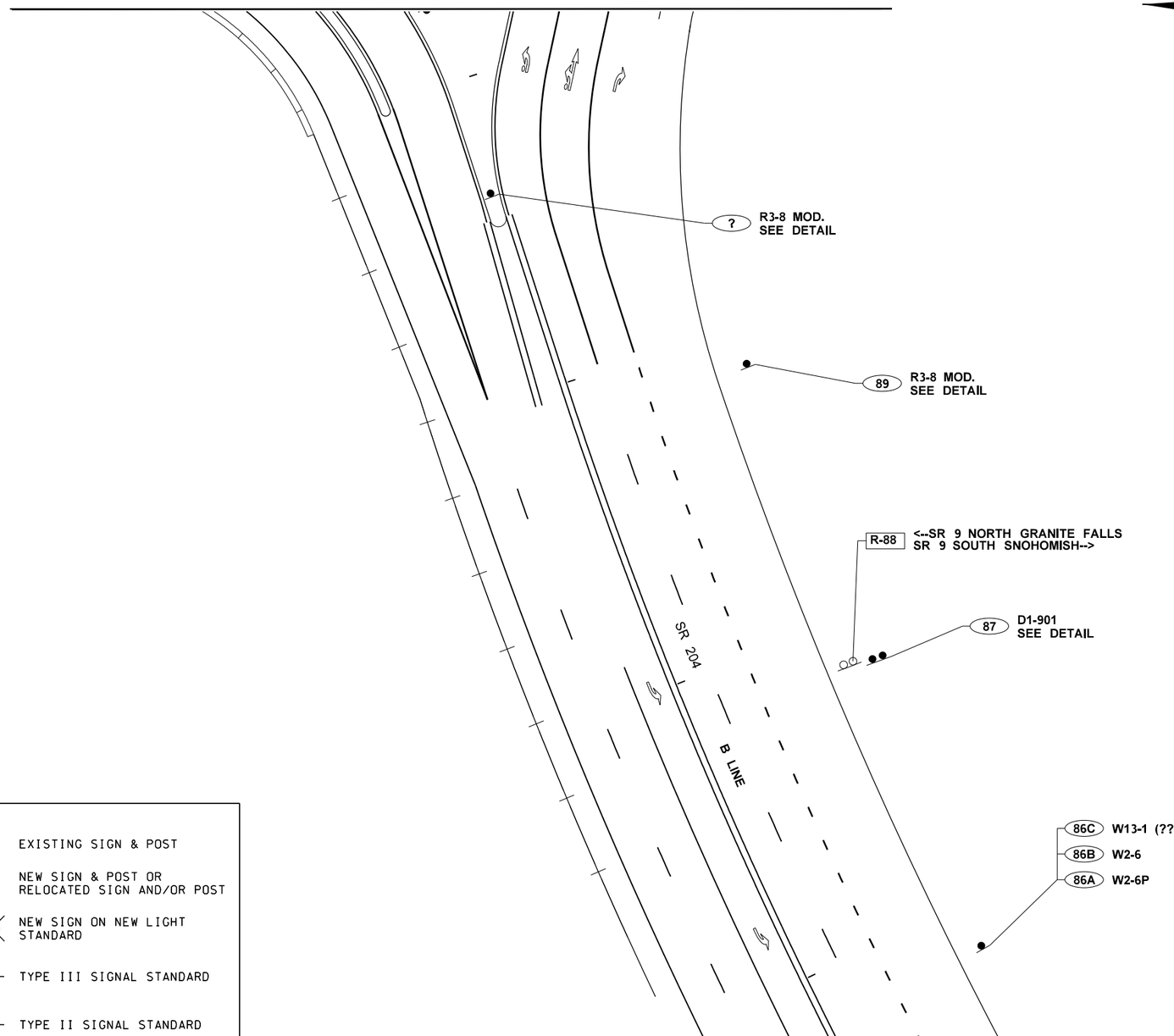
DATE
P.E. STAMP BOX

Plot 7

PLAN REF NO
S4

SHEET
OF
SHEETS

MATCH LINE SEE SHEET S2



LEGEND

X	SIGN NOTE		EXISTING SIGN & POST
R-XXX	SIGN REMOVAL NOTE		NEW SIGN & POST OR RELOCATED SIGN AND/OR POST
	NEW LOCATION		NEW SIGN ON NEW LIGHT STANDARD
	SIGN RELOCATION NOTE		TYPE III SIGNAL STANDARD
	EXISTING LOCATION		TYPE II SIGNAL STANDARD
	EXISTING SIGN & POST		OVERHEAD SIGN
	NEW SIGN & POST OR RELOCATED SIGN AND/OR POST		
	NEW SIGN ON EXISTING UTILITY POLE		

0 20 40
SCALE IN FEET

FILE NAME	T:\414121\Sign Design_Projects\SR 9\XL4989 - SR9_SR204_Stage3\Y-11834_PS_SN_NEW.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	11:30:53 AM				10	WASH	
DATE	5/6/2021				JOB NUMBER		
PLOTTED BY	anglinl						
DESIGNED BY	C. ANGLIN				CONTRACT NO.	LOCATION NO.	
ENTERED BY	C. ANGLIN						
CHECKED BY							
PROJ. ENGR.	B. BOILE						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

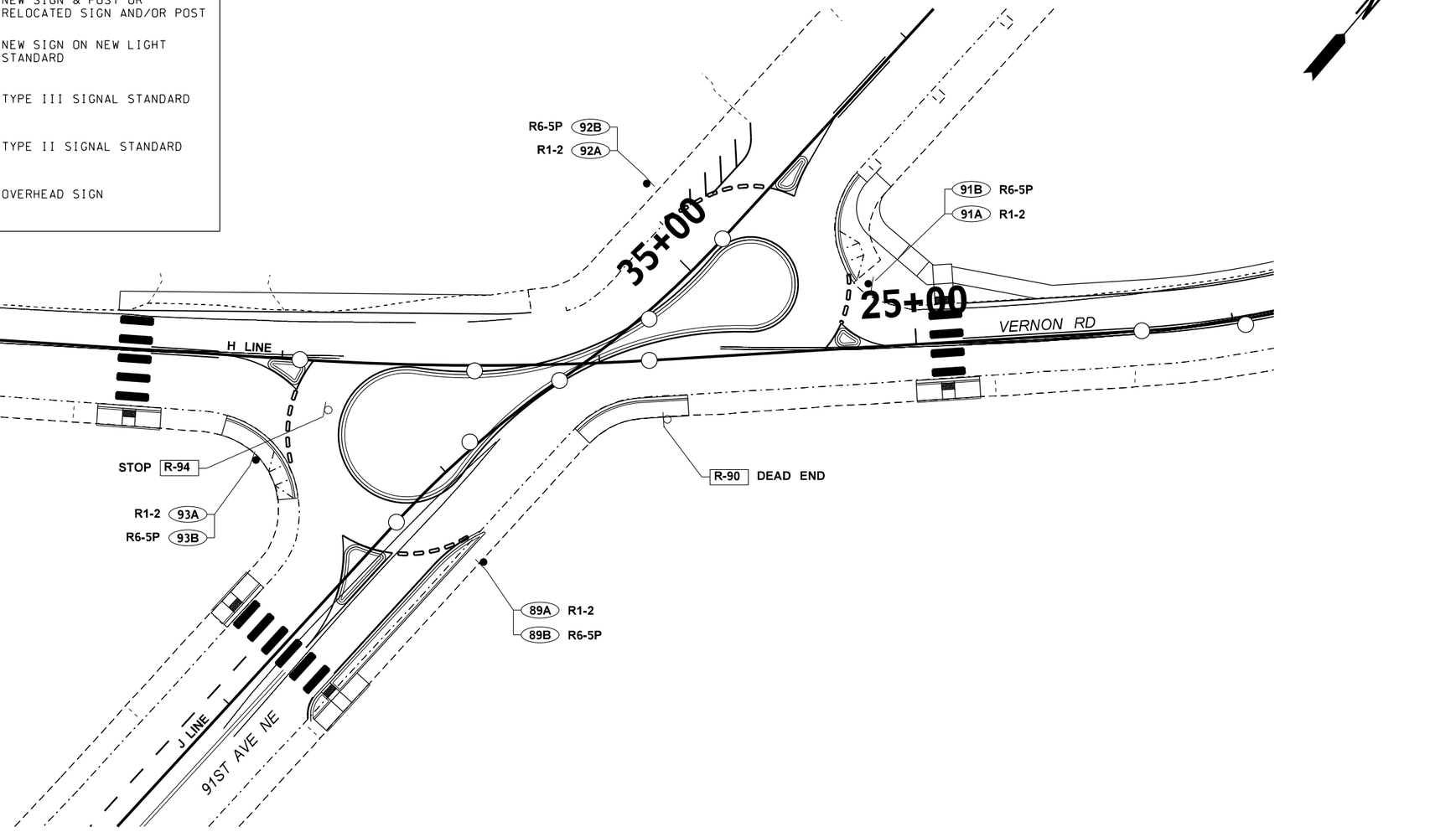
Plot 10

PLAN REF NO
S5

SHEET
OF
SHEETS

LEGEND

- SIGN NOTE (X)
- SIGN REMOVAL NOTE (R-XXX)
- NEW LOCATION
- SIGN RELOCATION NOTE
- EXISTING LOCATION
- EXISTING SIGN & POST
- NEW SIGN & POST OR RELOCATED SIGN AND/OR POST
- NEW SIGN ON EXISTING UTILITY POLE
- EXISTING SIGN & POST
- NEW SIGN & POST OR RELOCATED SIGN AND/OR POST
- NEW SIGN ON NEW LIGHT STANDARD
- TYPE III SIGNAL STANDARD
- TYPE II SIGNAL STANDARD
- OVERHEAD SIGN



NOTE: FOR CONSTRUCTION NOTES, WIRE NOTES, AND LEGEND SEE SHEET IL1.

FILE NAME	T:\414121\SIgn DesIgn_Projects\SR 9\XL4989 - SR9_SR204_Stage3\Y-11834_PS_SN_NEW.dgn							
TIME	11:30:12 AM				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.	
DATE	5/6/2021							
PLOTTED BY	anglinl				JOB NUMBER			
DESIGNED BY	C. WOO							
ENTERED BY	C. WOO				CONTRACT NO.		LOCATION NO.	
CHECKED BY								
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY				

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

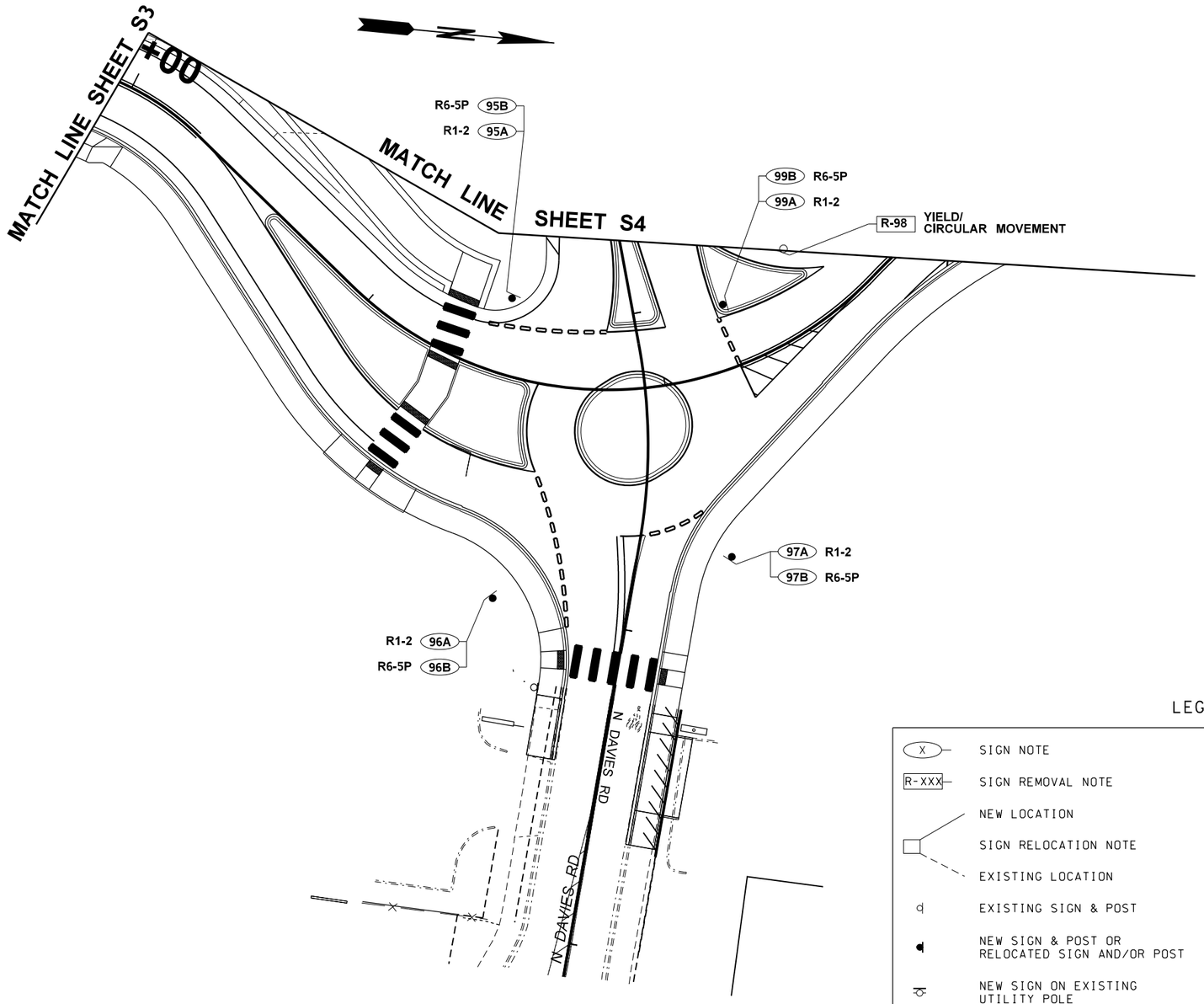
SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

SIGNING PLAN

Plot 9

PLAN REF NO **S6**

SHEET OF SHEETS



LEGEND

X — SIGN NOTE	EXISTING SIGN & POST
R-XXX — SIGN REMOVAL NOTE	NEW SIGN & POST OR RELOCATED SIGN AND/OR POST
NEW LOCATION	NEW SIGN & POST OR RELOCATED SIGN AND/OR POST
SIGN RELOCATION NOTE	NEW SIGN ON NEW LIGHT STANDARD
EXISTING LOCATION	TYPE III SIGNAL STANDARD
EXISTING SIGN & POST	TYPE II SIGNAL STANDARD
NEW SIGN & POST OR RELOCATED SIGN AND/OR POST	OVERHEAD SIGN
NEW SIGN ON EXISTING UTILITY POLE	

0 20 40
SCALE IN FEET

FILE NAME	T:\414121\Sign Design_Projects\SR 9\XL4989 - SR9_SR204_Stage3\Y-11834_PS_SN_NEW.dgn				REGION NO.	STATE	FED.AID PROJ.NO.
TIME	11:28:17 AM				10	WASH	
DATE	5/6/2021				JOB NUMBER		
PLOTTED BY	anglinl						
DESIGNED BY	C. WOO						
ENTERED BY	C. WOO				CONTRACT NO.		LOCATION NO.
CHECKED BY							
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

SIGNING PLAN

Plot 8

PLAN REF NO S7

SHEET OF SHEETS

GENERAL CONSTRUCTION NOTES

CODE:
ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE 2015 EDITION OF THE UNIFORM BUILDING CODE AS ADOPTED BY THE CITY OF LAKE STEVENS

DISCREPANCIES:
THE CONTRACTOR SHALL NOTIFY ENGINEER UPON FINDING ANY DISCREPANCY OR OMISSION IN THE DRAWINGS OR SPECIFICATIONS.

SPECIAL INSPECTION PLAN

GENERAL:
SPECIAL INSPECTION BY A QUALIFIED INSPECTOR IS REQUIRED IN ACCORDANCE WITH THE 2015 IBC.

QUALIFICATION:
THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL.

REQUIRED VERIFICATION & INSPECTION:
THE SPECIAL INSPECTOR SHALL PERFORM THE VERIFICATIONS & INSPECTIONS NOTED IN THE SCHEDULE BELOW

INSPECTION & TESTING SCHEDULE

TYPES OF WORK	FREQ.	2015 IBC SECTION
CAST IN PLACE CONC		
REINFORCING STEEL, PLACEMENT.	P	1705.3
PLACEMENT OF CONCRETE	C	1705.3
VERIFYING USE OF REQUIRED DESIGN MIX	P	1705.3
TESTING OF THE CONCRETE FOR SPECIFIED STRENGTH, AIR CONTENT AND SLUMP	C	1705.3
SOILS		
VERIFICATION OF SOIL-BEARING CAPACITY: INSTALLATION OF DRAINAGE SYSTEM:	C	1705.6

FREQUENCY LEGEND
C = CONTINUOUS P = PERIODIC

SUBMITTAL OF REPORTS:
ALL SPECIAL INSPECTION REPORTS AND TESTING REPORTS SHALL BE SUBMITTED TO THE OWNER, SITE STRUCTURES AND THE CITY OF LAKE STEVENS BY THE AGENCY PERFORMING THE INSPECTION OR TESTING.

DESIGN CRITERIA

LATERAL LOADS ON SIGN WALL:

WIND LOAD : 20PSF

AUTO IMPACT : 10,000LB PONT LOAD ACTING 36" ABOVE THE FIN GRADE

VERTICAL LOADS ON SIGN WALL:

METAL FEATURE SIGNAGE: 150LBS MAUNTED TO THE FACE OF THE WALL

FOUNDATION DESIGN:
FOUNDATION DESIGN IS BASED ON THE FOLLOWING VALUES:

ALLOWABLE BEARING PRESSURE:	1,500 PSF
PASSIVE PRESSURE:	250 PSF
COEFFICIENT OF BASE FRICTION:	0.30 PSF

CONCRETE

CONCRETE REQUIREMENTS:

LOCATION	STRENGTH	MAX W/C RATIO
WALLS & FOOTINGS	3500PSI @ 28DAYS	0.50

AIR CONTENT: CONCRETE SHALL CONTAIN 5% +/-1% ENTRAINED AIR.

MIX DESIGN: SHALL BE BASED ON FIELD EXPERIENCE OR TRIAL MIXTURES IN CONFORMANCE WITH THE SPECIFICATIONS. SUBMIT MIX DESIGNS TO THE ENGINNER FOR REVIEW PRIOR TO CONSTRUCTION.

MATERIAL REQUIREMENTS:
CEMENT: ASTM C150. ADMIXTURES: ACI 301.
AGGREGATES: ASTM C33. WATER: ASTM C94.

PLACING REQUIREMENTS:

PLACING:
PLACE CONCRETE AS NEARLY AS PRACTICABLE TO ITS FINAL POSITION TO AVOID SEGREGATION. THE FREE UNCONFINED FALL OF THE CONCRETE SHALL NOT EXCEED 5 FEET.

DEBRIS:
REMOVE ALL DEBRIS FROM FORMS PRIOR TO PLACING CONCRETE.

CONSOLIDATION:
CONSOLIDATE CONCRETE BY SUITABLE MEANS. THOROUGHLY WORK CONCRETE AROUND EMBEDDED ITEMS AND INTO CORNERS OF FORMS.

REINFORCING BAR

MATERIAL REQUIREMENT:

REINFORCING BARS:
USE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60.

FABRICATION AND PLACING REQUIREMENTS:
BENDING:
BARS SHALL BE BENT COLD. BARS PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT.

PLACING:
REINFORCEMENT SHALL BE SUPPORTED AND TIED TO PREVENT DISPLACEMENT BY PLACING OF CONCRETE.

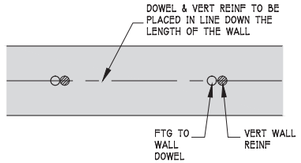
WET SETTINGS:
REINFORCEMENT ANCHOR BOLTS, OR ANY EMBEDDED ITEM WITHIN THE CONCRETE, MAY NOT BE SET INTO THE CONCRETE AFTER IT HAS BEEN POURED WITHIN THE FORMS.

LAP SPLICES:
PROVIDE LAP LENGTHS AS SHOWN ON THESE DRAWINGS.

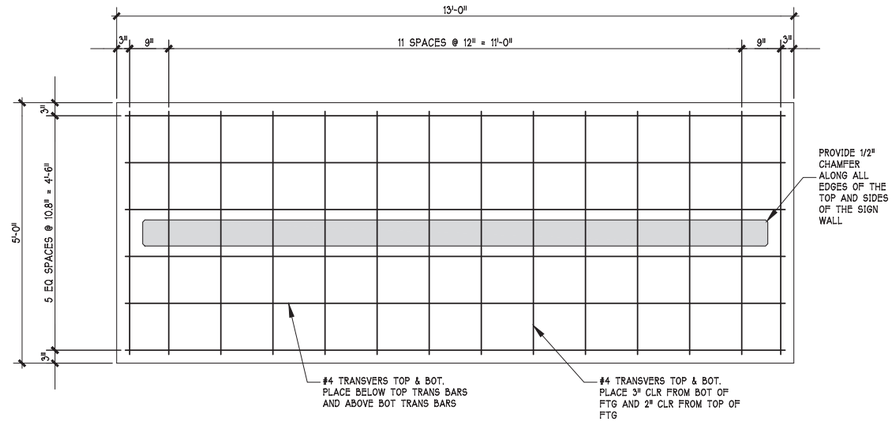
Reviewed
Washington State Department of Transportation
Date: 10/13/2020
By: Michael Rosa

What is the design specification for this loading? 10k loading for barrier (per NCHRP Report 663) is generally only for stability checks, not strength design. Is that the intent here?

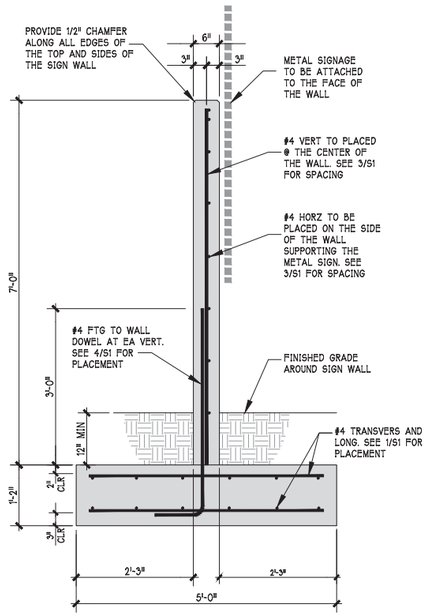
Is this designed for strength due to vehicular impact? The #4 bars do not appear adequate to resist much with regard to a vehicular impact. At what angle is the impact considered?



4/S1 TYP FTG DOWEL PLACEMENT DETAIL
SCALE 1"=1'-0"

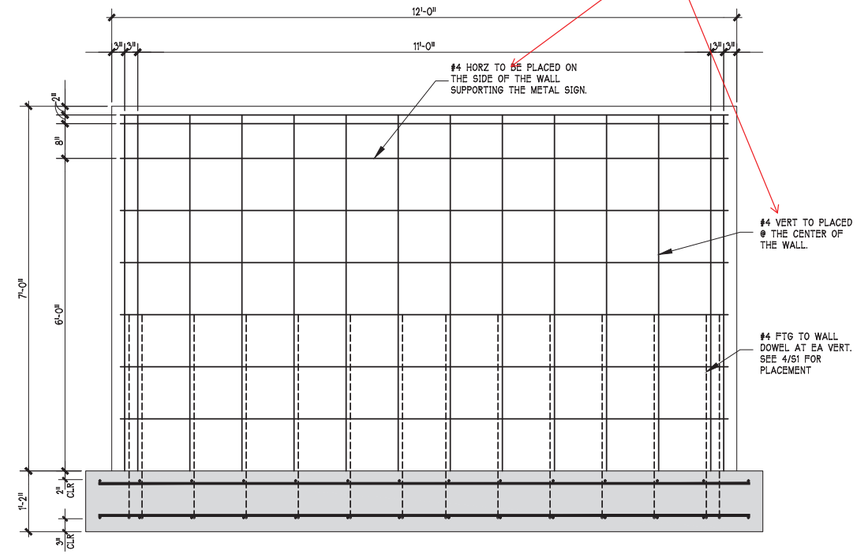


1/S1 SIGN WALL FOUNDATION PLAN
SCALE 3/4"=1'-0"



2/S1 SIGN WALL SECTION
SCALE 3/4"=1'-0"

I do not see bar spacing.



3/S1 SIGN WALL ELEVATION
SCALE 3/4"=1'-0"

S8

REVISIONS:
DATE:

Kosnik Engineering
CONSULTING STRUCTURAL ENGINEERS
10505 19TH AVE SE, SUITE B
EVERETT, WA, 98208
PH: (425) - 357 - 9600 e-mail: dan@kosnik.com

PROGRESS PLOT 09-24-2020

CITY OF LAKE STEVENS
SR-9 GATEWAY SIGN
CITY OF LAKE STEVENS WASHINGTON

STRUCTURAL NOTES SECTIONS AND DETAILS

SHEET: S1 OF 1

K-20-001

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

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

CLASS A SIGNS

NOT TO SCALE

NOTE:

ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED

LEGEND:

CLASS A SIGN - POST MOUNT

FILE NAME	c:\pw_workIng\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC_01.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	9:40:52 AM					10	WASH	
DATE	5/4/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA					CONTRACT NO.		LOCATION NO.
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSSOJE AKE — STATE OF WASHINGTON — 54806 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN

PLAN REF NO TC01

SHEET OF 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

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'.										

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

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.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

WARNING SIGNS

ABBREVIATIONS:

B/W - BLACK/WHITE
MIN - MINIMUM
R/B/W - RED/BLACK/WHITE
TEMP - TEMPORARY

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.
12. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PER 2016 STANDARD SPECIFICATIONS SECTION 9-34 AND STD PLAN M-20.10-02.

FILE NAME	c:\pw_workIng\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC_02.dgn					REGION NO.	STATE	FED.AID PROJ.NO.	
TIME	5:34:03 PM					10	WASH		
DATE	5/3/2021					JOB NUMBER			
PLOTTED BY	p009797D								
DESIGNED BY	J. WILSON					CONTRACT NO.		LOCATION NO.	
ENTERED BY	K. MCWILLIAMS								
CHECKED BY	E. AKE								
PROJ. ENGR.	K. NDILE								
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY				

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 54806 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN

PLAN REF NO TC02

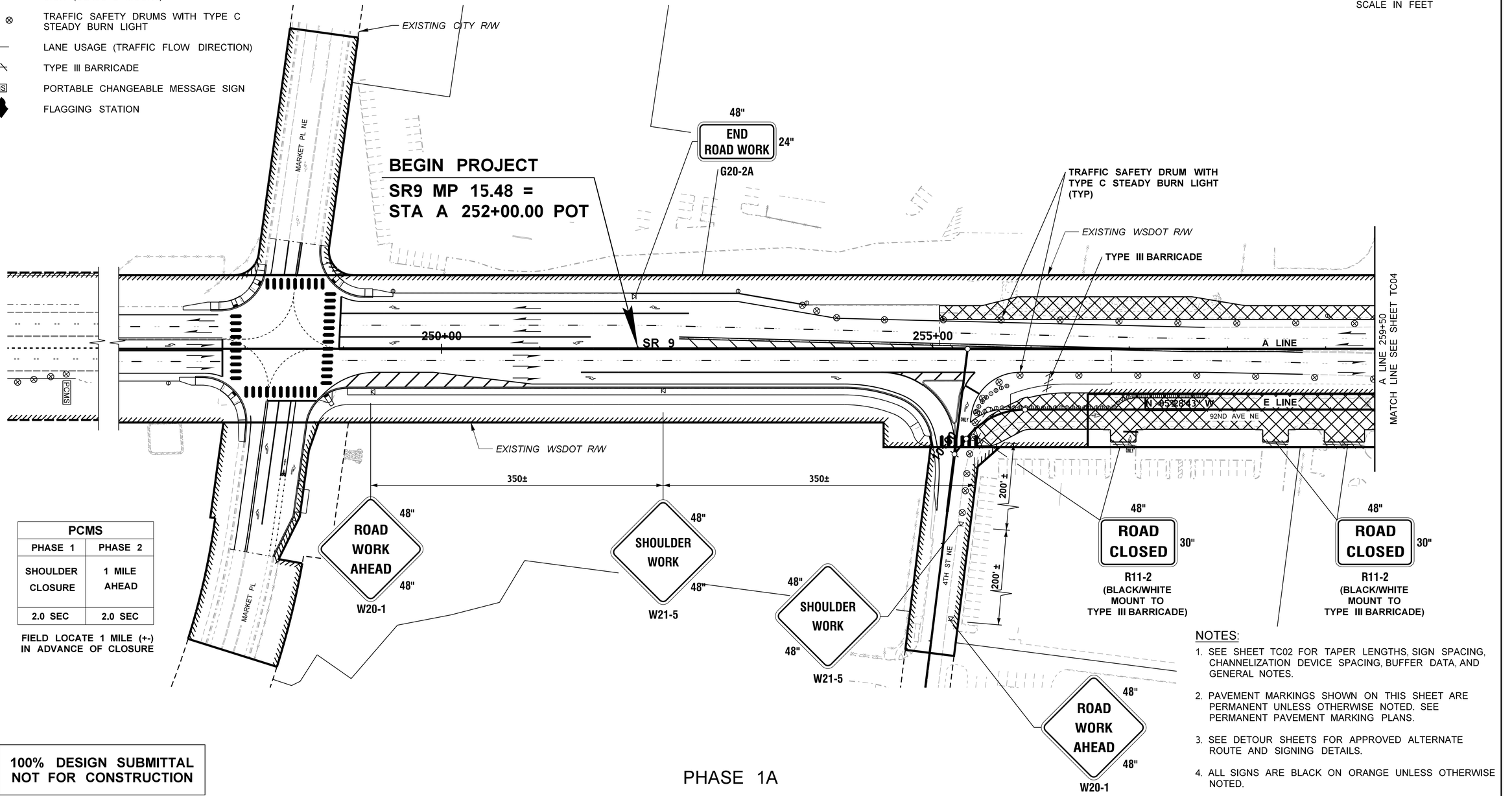
SHEET
OF
SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION

0 50 100
SCALE IN FEET



PCMS	
PHASE 1	PHASE 2
SHOULDER CLOSURE	1 MILE AHEAD
2.0 SEC	2.0 SEC

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

NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 1A

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DATE	5/3/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA					CONTRACT NO.		LOCATION NO.
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOLE AKE — STATE OF WASHINGTON — 18 GARDE REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN (PH 1A)

PLAN REF NO
TC03

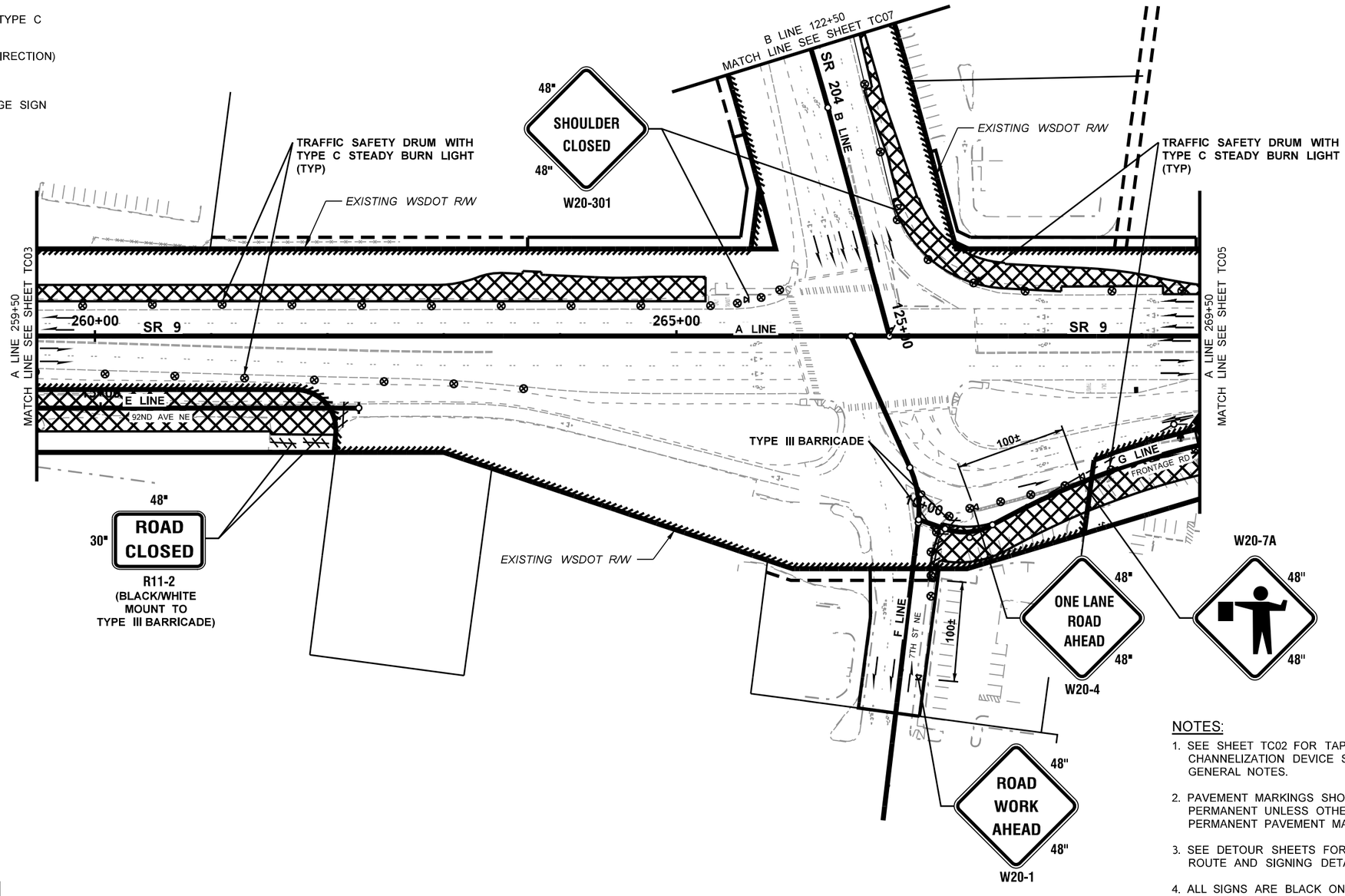
SHEET
OF
SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION

0 50 100
SCALE IN FEET



NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
5. PROTECT ALL SIGNALS IN PLACE AROUND THE SR9/SR 204 INTERSECTION.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 1A

FILE NAME	c:\pw_workIng\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC1A_04.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
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DATE	5/3/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA					CONTRACT NO.		LOCATION NO.
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 24806 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

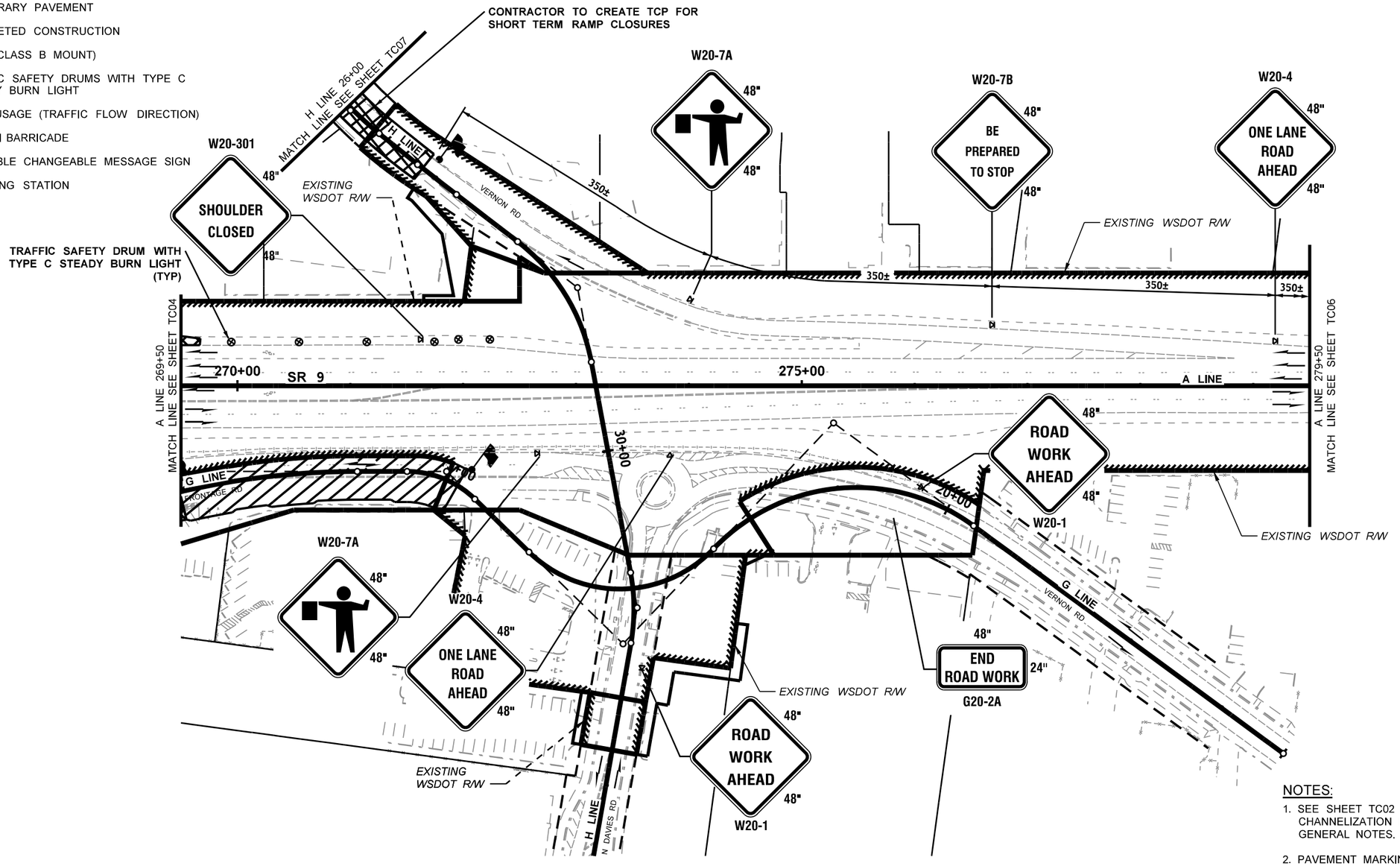
TRAFFIC CONTROL PLAN

PLAN REF NO
TC04
SHEET
OF
SHEETS

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION

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



NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 1A

FILE NAME	c:\pw_workIng\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC1A_05.dgn					REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	5:35:00 PM					JOB NUMBER		
DATE	5/3/2021							
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA							
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOLE AKE — STATE OF WASHINGTON — GABON — REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX — DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN

PLAN REF NO TC05

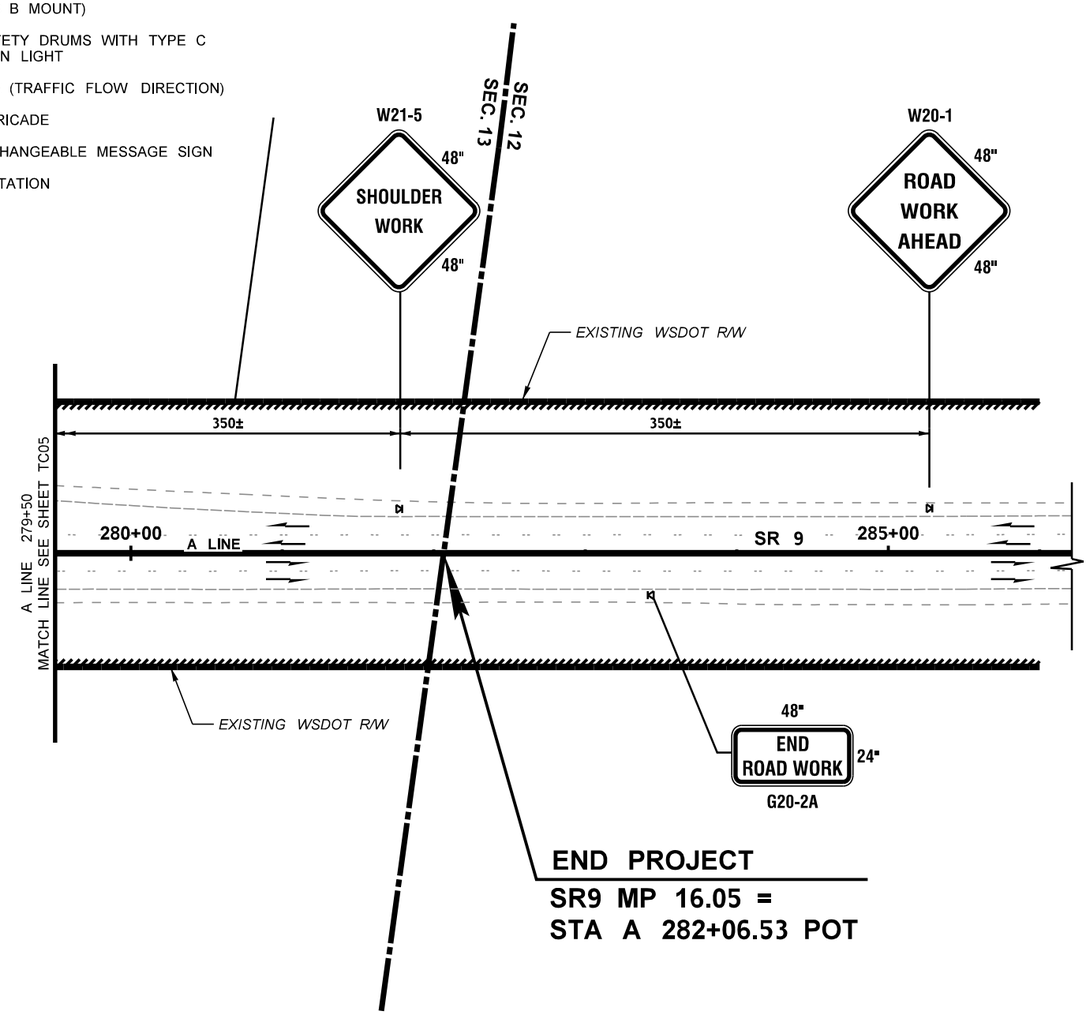
SHEET OF SHEETS

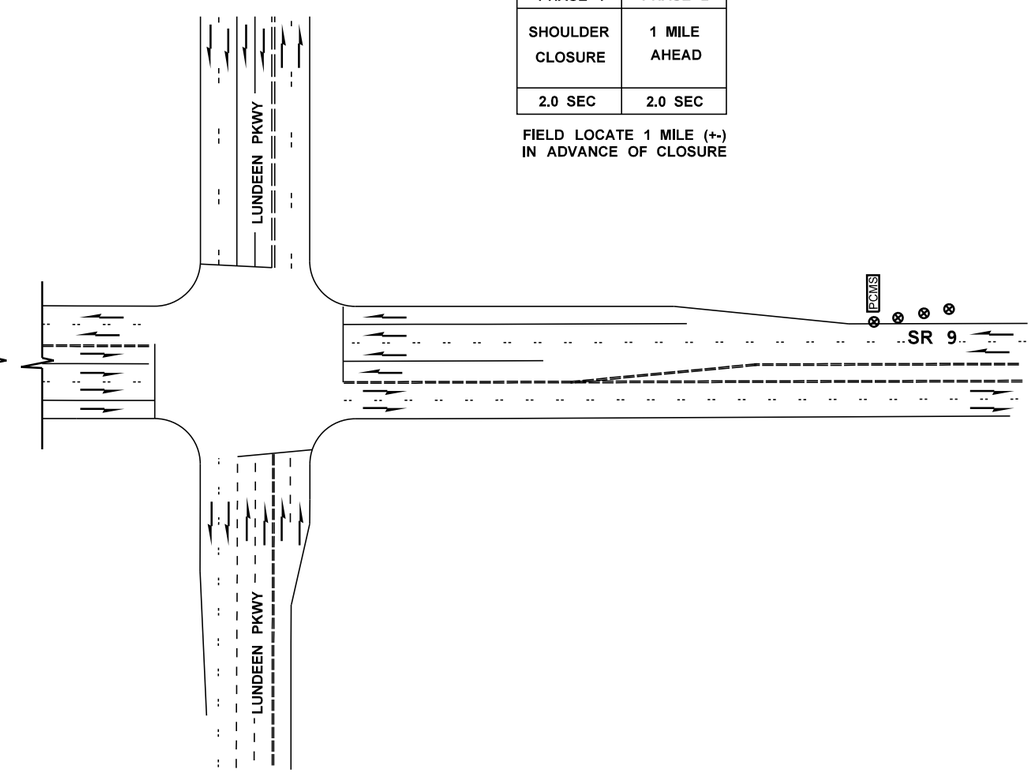
T. 29N. R. 5E. W.M.

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION

0 50 100
SCALE IN FEET





PCMS	
PHASE 1	PHASE 2
SHOULDER CLOSURE	1 MILE AHEAD
2.0 SEC	2.0 SEC

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

NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 1A

FILE NAME	c:\pw_workIng\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC1A_06.dgn					REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	5:35:18 PM							
DATE	5/3/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA							
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOLISE AKE — STATE OF WASHINGTON — 54808 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

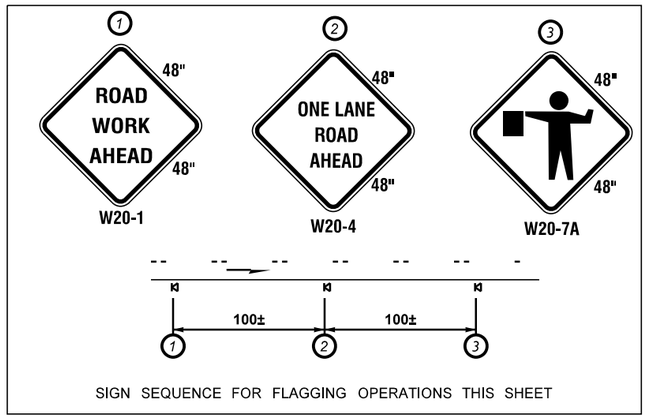
TRAFFIC CONTROL PLAN (PH 1A)

PLAN REF NO TC06

SHEET OF SHEETS

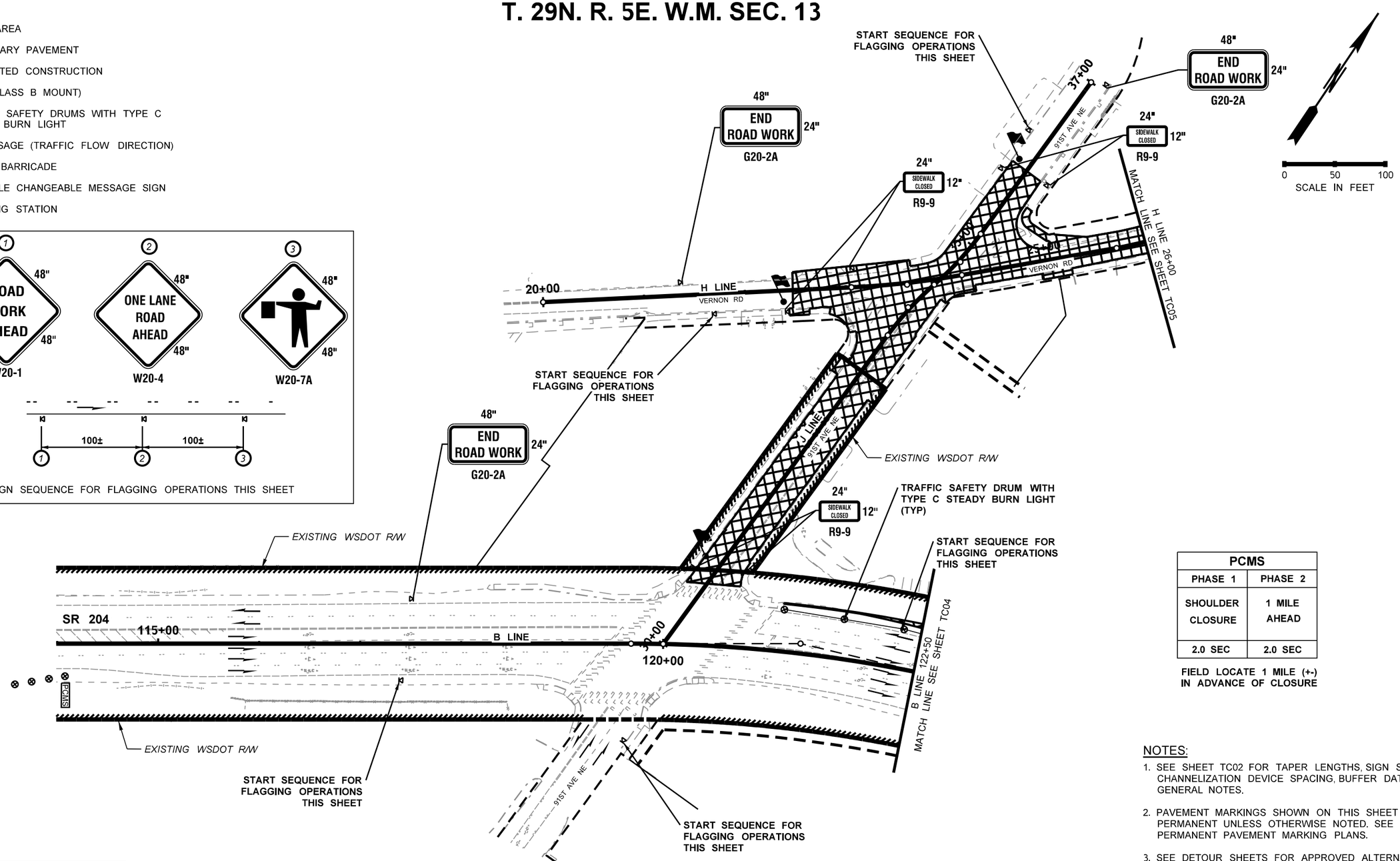
LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION



SIGN SEQUENCE FOR FLAGGING OPERATIONS THIS SHEET

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



PCMS	
PHASE 1	PHASE 2
SHOULDER CLOSURE	1 MILE AHEAD
2.0 SEC	2.0 SEC

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

NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 1A

FILE NAME	c:\pw_working\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC1A_07.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	9:42:23 AM					10	WASH	
DATE	5/4/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA					CONTRACT NO.		LOCATION NO.
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 24803 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN (PH 1A)

PLAN REF NO TC07

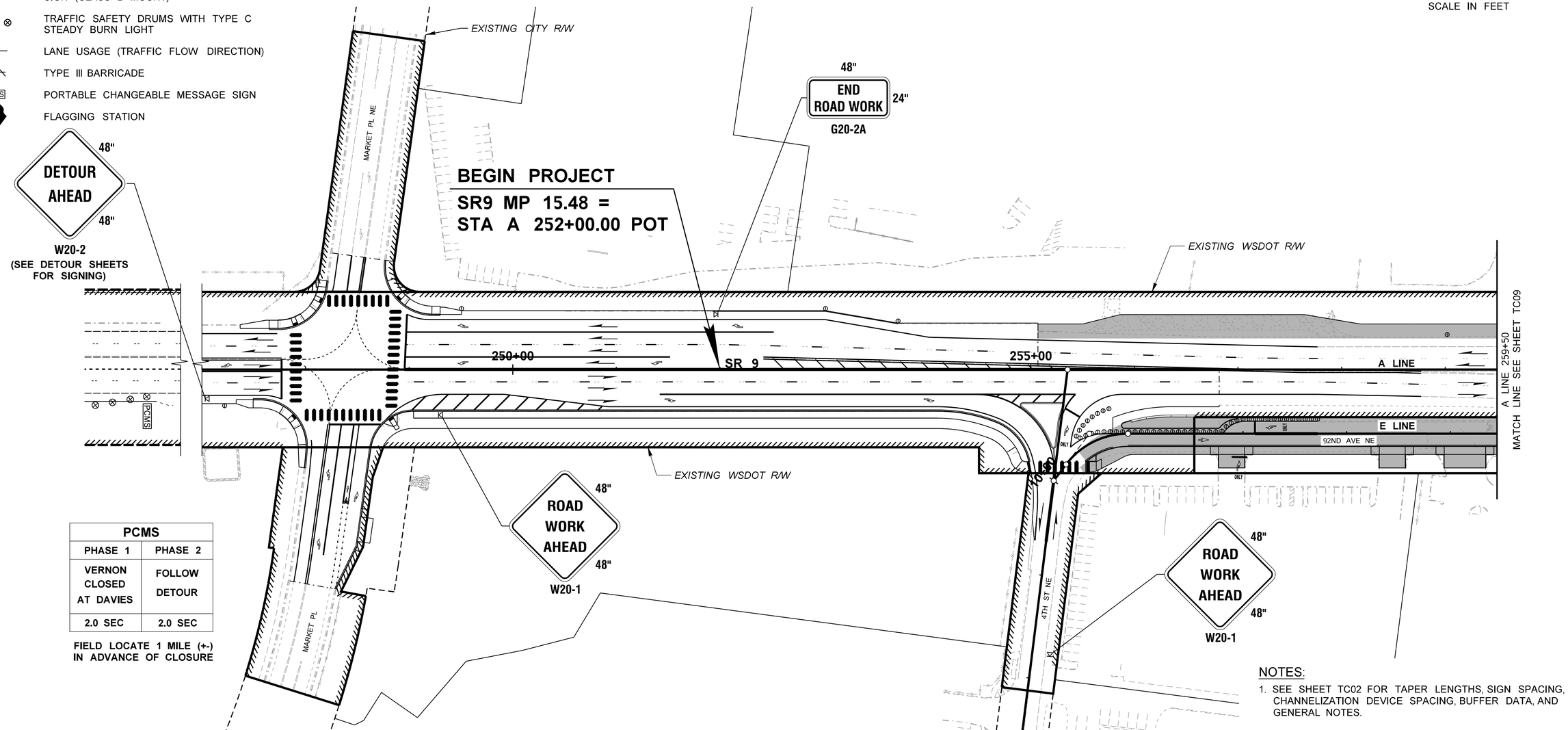
SHEET OF SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION

0 50 100
SCALE IN FEET



PCMS	
PHASE 1	PHASE 2
VERNON CLOSED AT DAVIES	FOLLOW DETOUR
2.0 SEC	2.0 SEC

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

NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 1B - EXTENDED WEEKEND CLOSURE

FILE NAME	c:\pw_working\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC1B_08.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	5:36:00 PM					10	WASH	
DATE	5/3/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA					CONTRACT NO.		LOCATION NO.
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOLE AKE — STATE OF WASHINGTON — 18408 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN

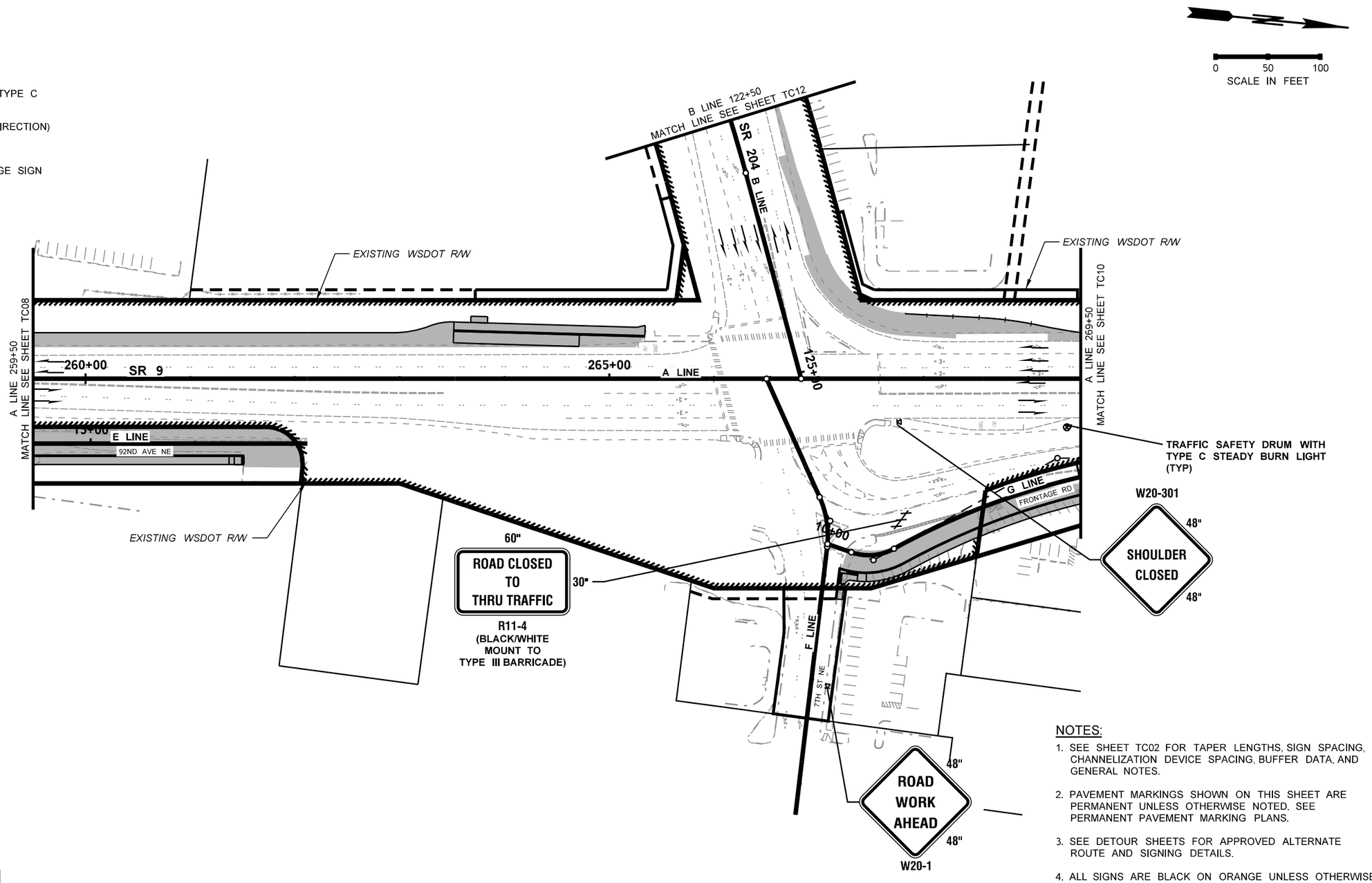
PLAN REF NO
TC08

SHEET
OF
SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION



NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
5. PROTECT ALL SIGNALS IN PLACE AROUND THE SR9/SR 204 INTERSECTION.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 1B - EXTENDED WEEKEND CLOSURE

FILE NAME	c:\pw_workIng\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC1B_09.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	5:36:27 PM					10	WASH	
DATE	5/3/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA							
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 24806 — REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX — DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN

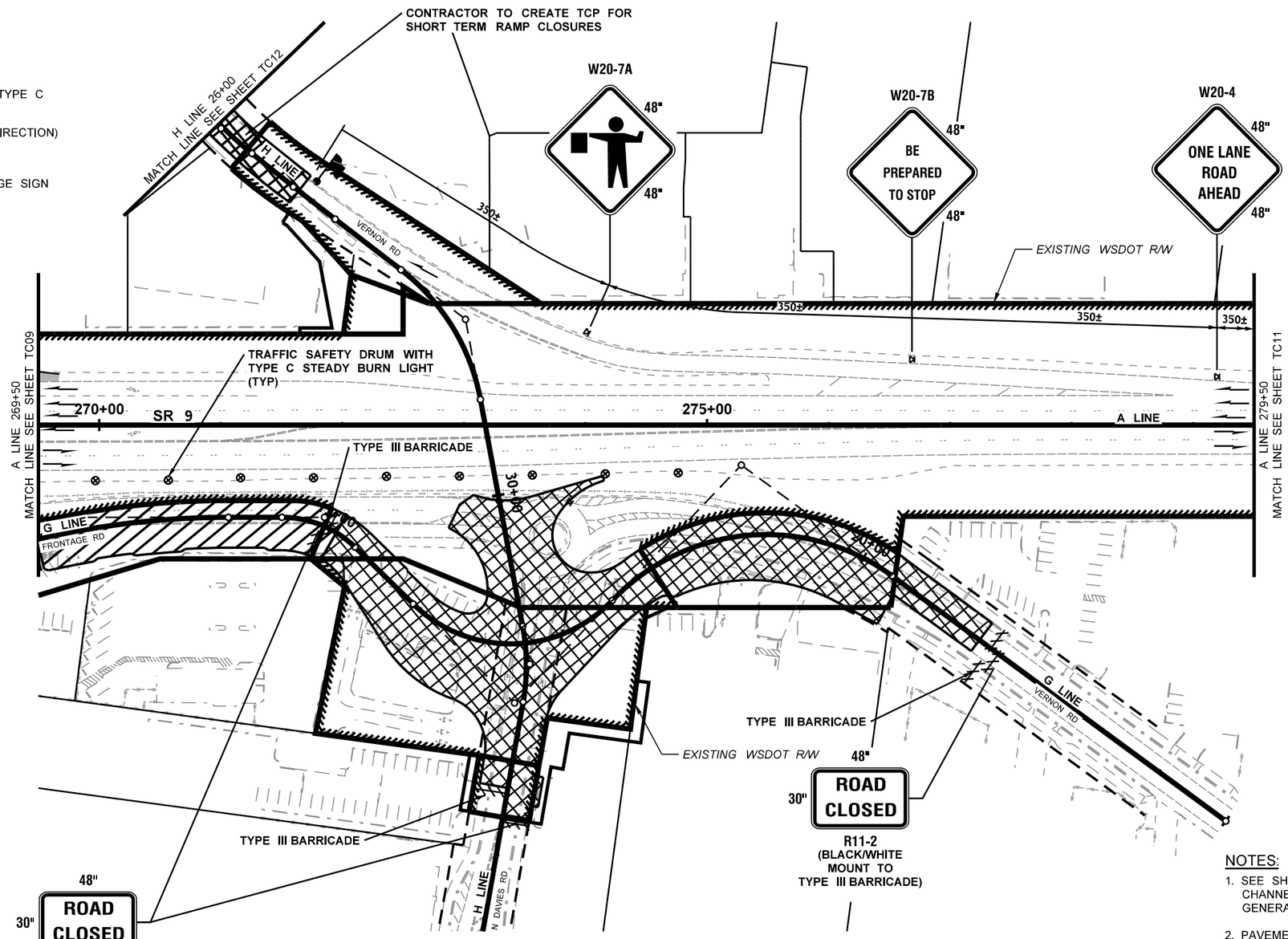
PLAN REF NO TC09

SHEET OF SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION



0 50 100
SCALE IN FEET

NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 1B - EXTENDED WEEKEND CLOSURE

FILE NAME	c:\pw_workIng\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC1B_10.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
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DATE	5/3/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA					CONTRACT NO.		LOCATION NO.
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 24860 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN

PLAN REF NO TC10

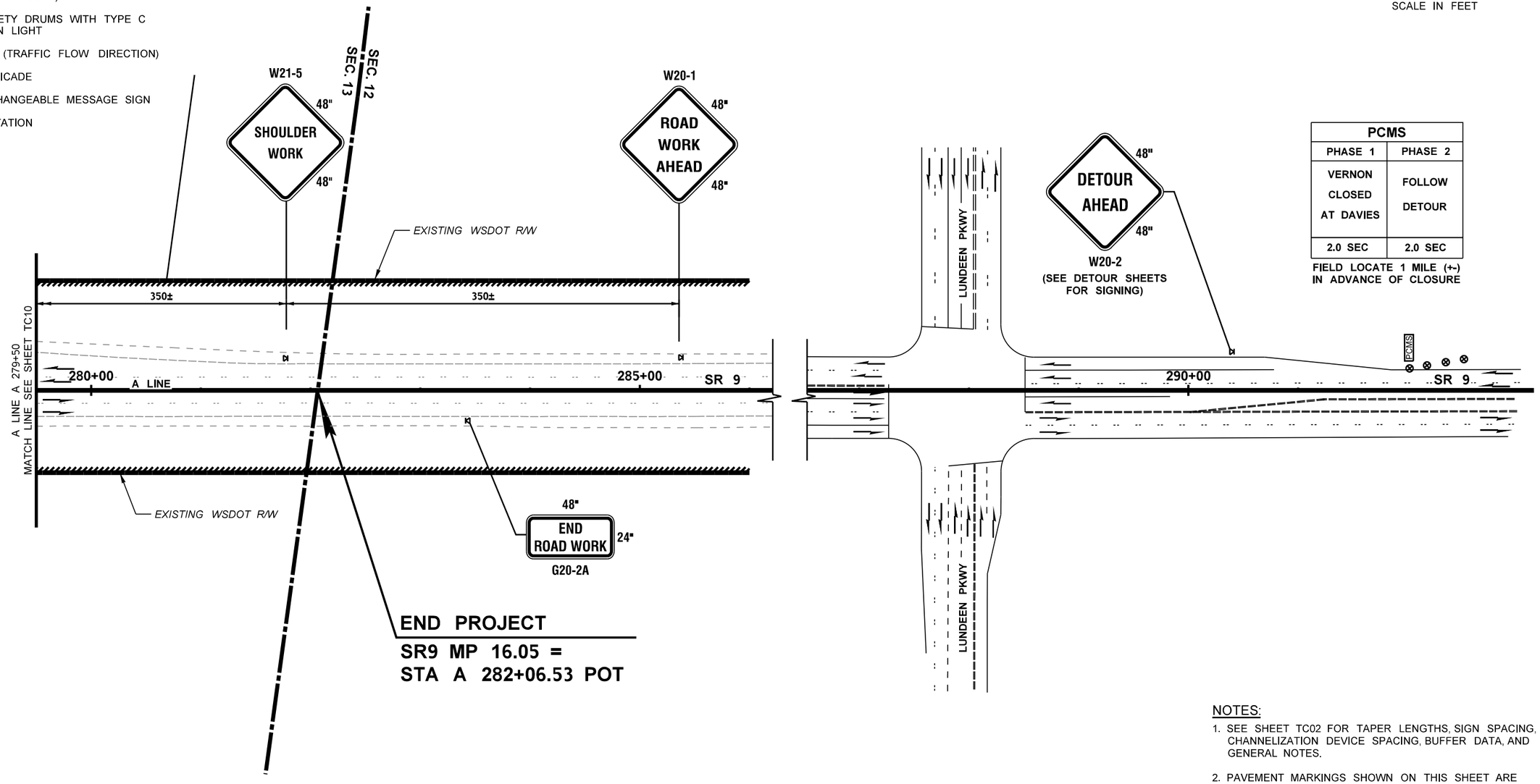
SHEET OF SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION

0 50 100
SCALE IN FEET



PCMS	
PHASE 1	PHASE 2
VERNON CLOSED AT DAVIES	FOLLOW DETOUR
2.0 SEC	2.0 SEC

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

NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 1B - EXTENDED WEEKEND CLOSURE

FILE NAME	c:\pw_workIng\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC1B_11.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
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DATE	5/3/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA					CONTRACT NO.		LOCATION NO.
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOLISE AKE — STATE OF WASHINGTON — 24830 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN (PH 1B)

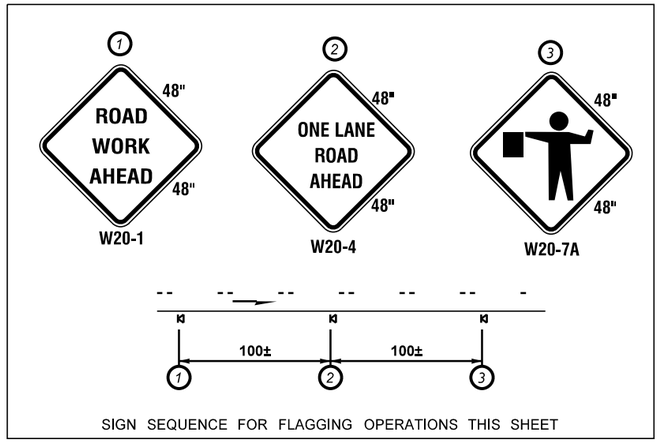
PLAN REF NO TC11

SHEET OF SHEETS

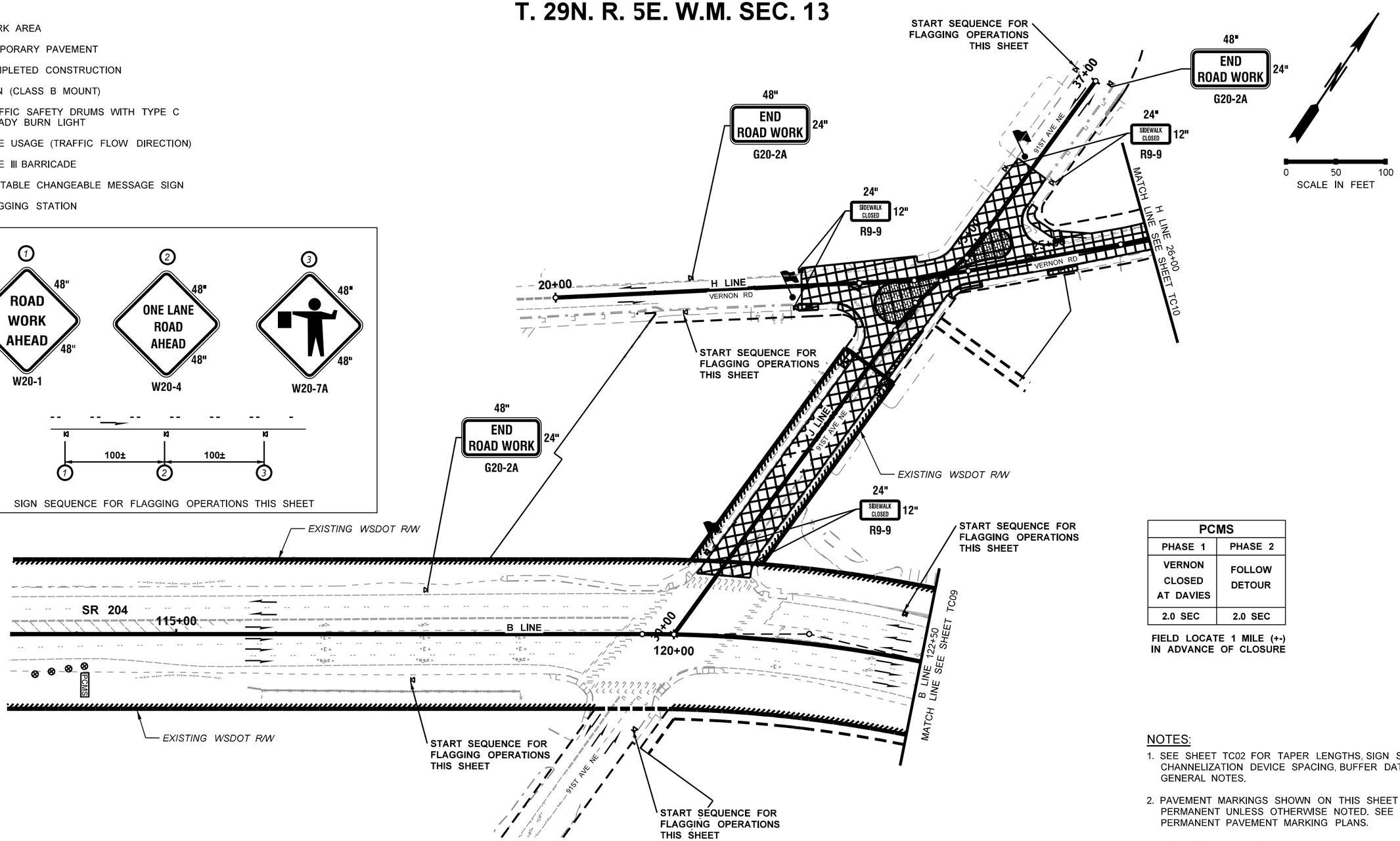
T. 29N. R. 5E. W.M. SEC. 13

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION



SIGN SEQUENCE FOR FLAGGING OPERATIONS THIS SHEET



PCMS	
PHASE 1	PHASE 2
VERNON CLOSED AT DAVIES	FOLLOW DETOUR
2.0 SEC	2.0 SEC

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

NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 1B - EXTENDED WEEKEND CLOSURE

FILE NAME	c:\pw_workIng\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC1B_12.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	9:43:20 AM					10	WASH	
DATE	5/4/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA					CONTRACT NO.		LOCATION NO.
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEJO AKE — STATE OF WASHINGTON — 24800 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN (PH 1B)

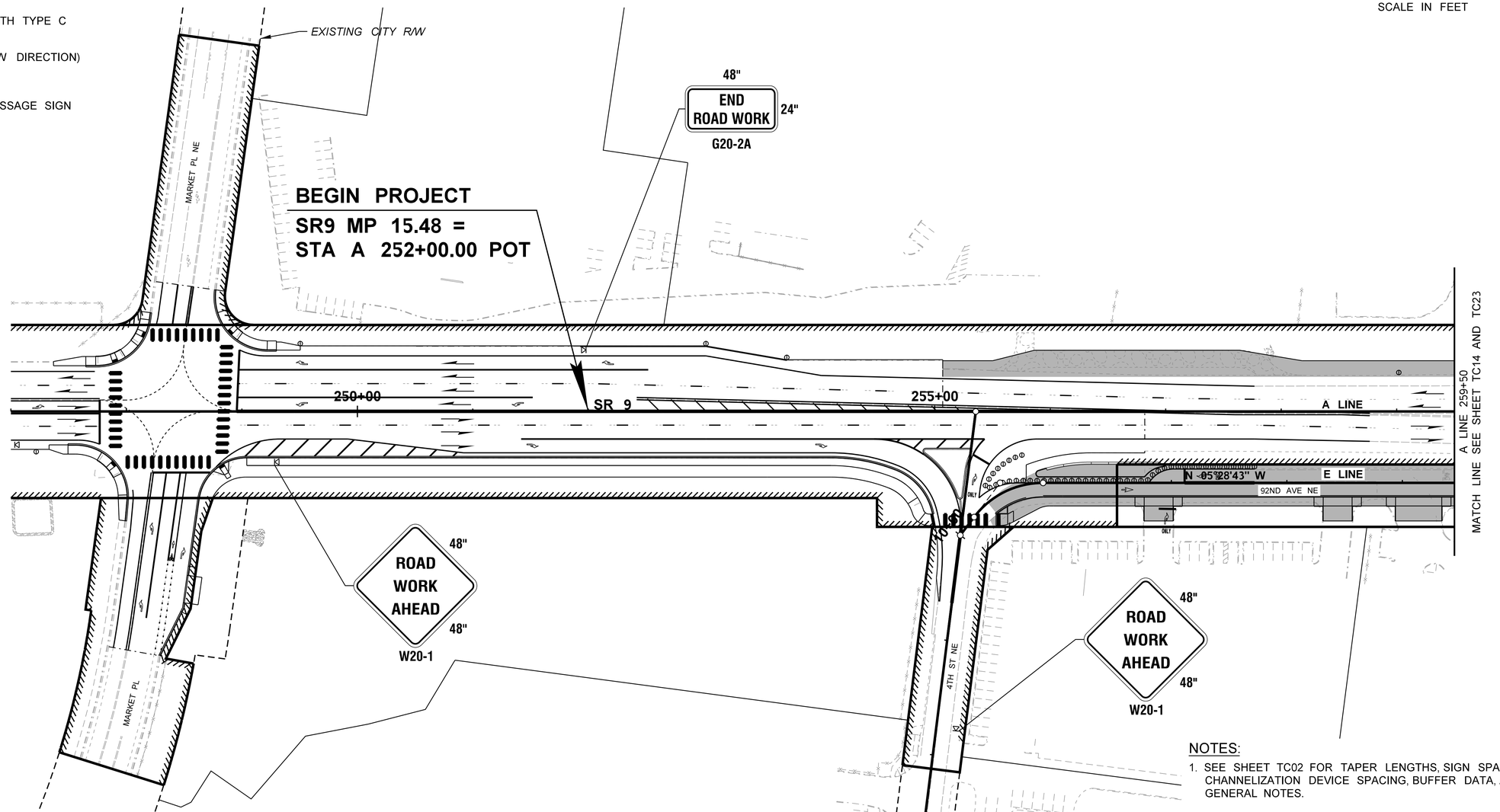
PLAN REF NO TC12

SHEET OF SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION



NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

PHASE 2A / PHASE 3A

FILE NAME	c:\pw_working\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC2A_13.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	5:38:05 PM					10	WASH	
DATE	5/3/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA							
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOLE AKE — STATE OF WASHINGTON — 18892 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN

PLAN REF NO
TC13

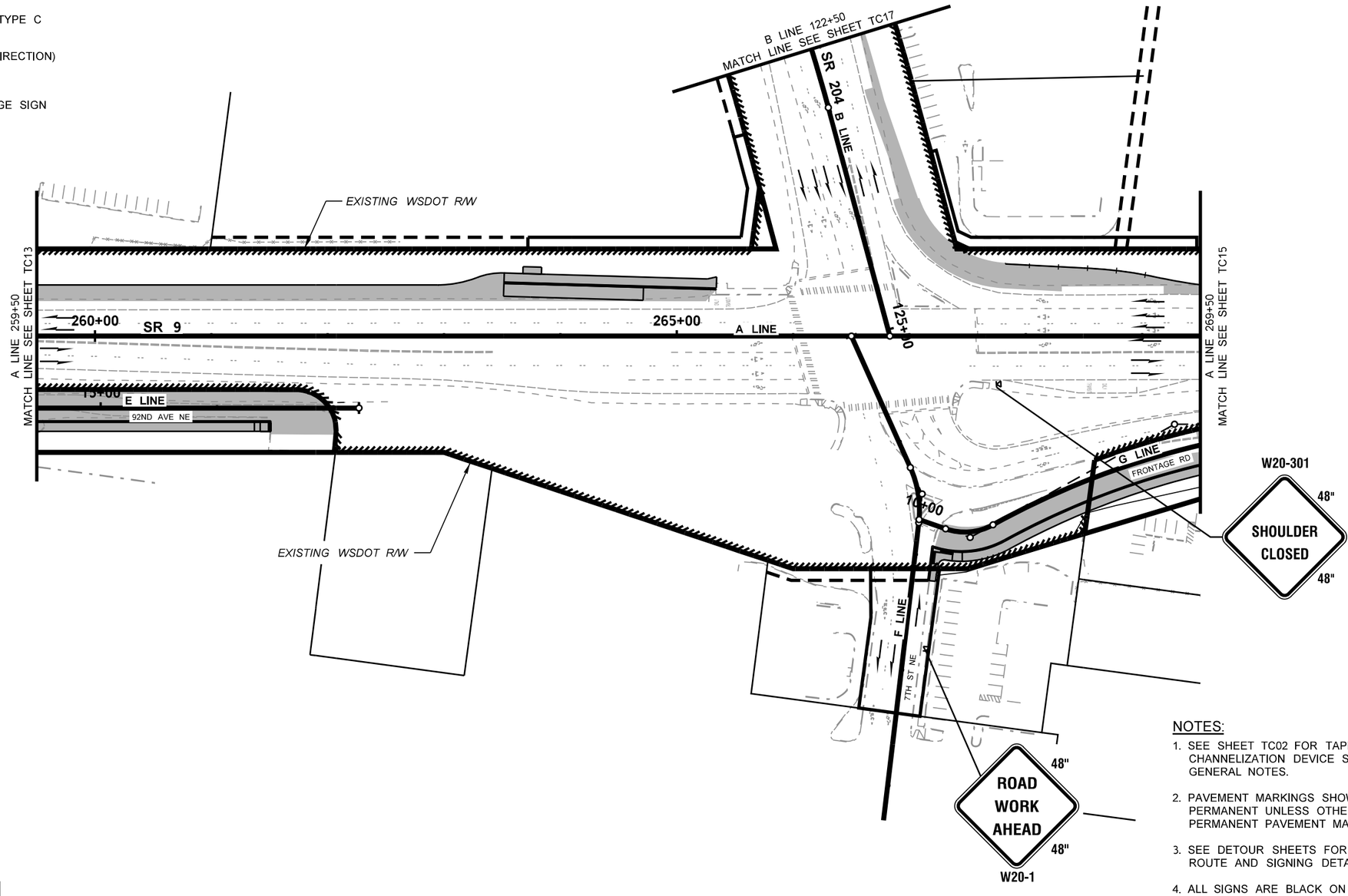
SHEET
OF
SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION

0 50 100
SCALE IN FEET



NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
5. PROTECT ALL SIGNALS IN PLACE AROUND THE SR9/SR 204 INTERSECTION.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 2A

FILE NAME	c:\pw_workIng\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC2A_14.dgn					REGION NO. 10	STATE WASH
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DATE	5/3/2021						
PLOTTED BY	p009797D						
DESIGNED BY	T. PLOUCHA						
ENTERED BY	R. ZELLERS						
CHECKED BY	E. AKE					CONTRACT NO.	LOCATION NO.
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY		

EMMANUEL OSEJO AKE — STATE OF WASHINGTON — 24806 — REGISTERED PROFESSIONAL ENGINEER
P.E. STAMP BOX — DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN

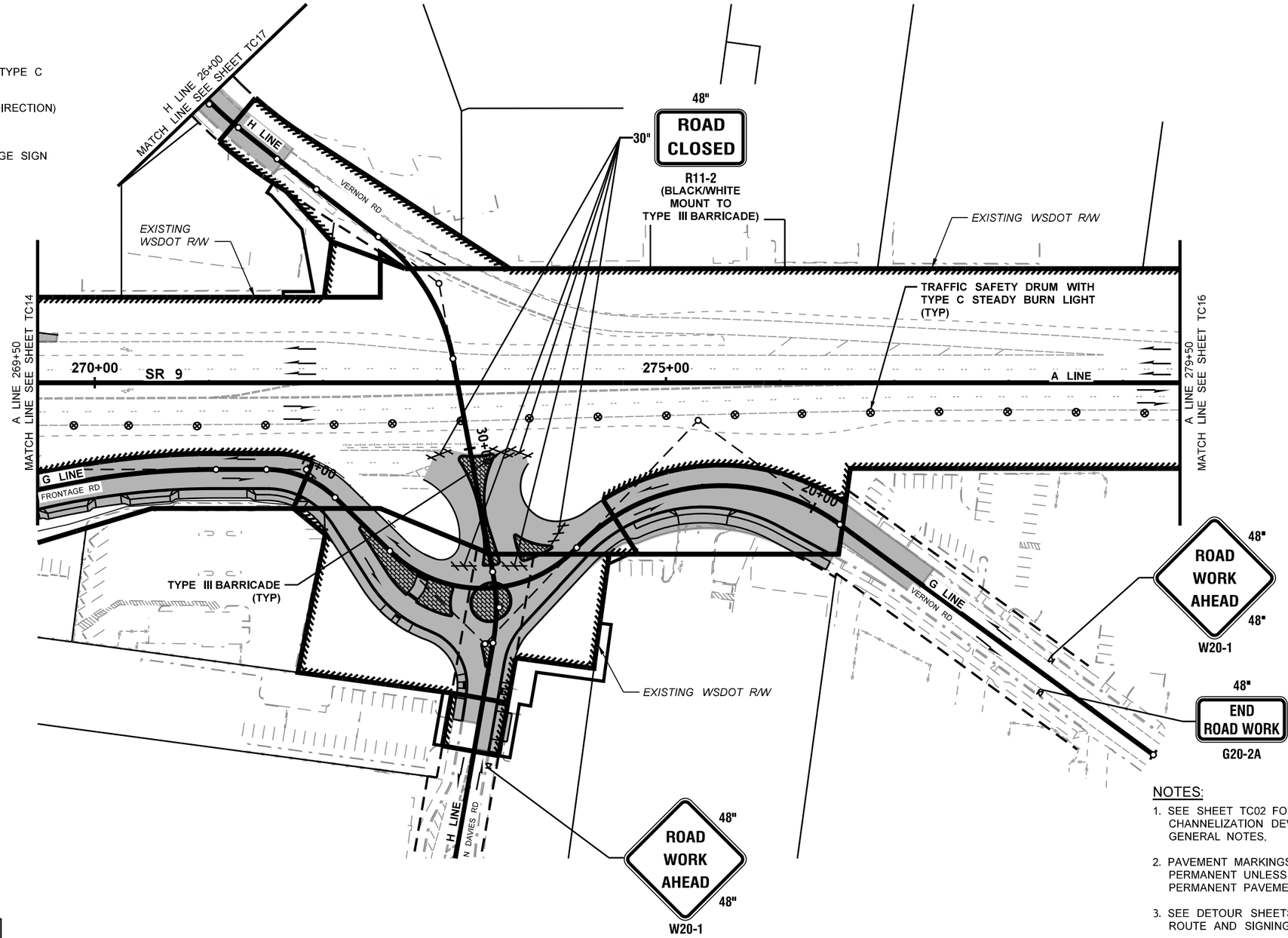
PLAN REF NO TC14

SHEET OF SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION



PHASE 2A

NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

FILE NAME	c:\pw_workIng\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC2A_15.dgn					REGION NO. / STATE	FED.AID PROJ.NO.
TIME	5:38:50 PM					10 / WASH	
DATE	5/3/2021					JOB NUMBER	
PLOTTED BY	p009797D						
DESIGNED BY	T. PLOUCHA					CONTRACT NO.	LOCATION NO.
ENTERED BY	R. ZELLERS						
CHECKED BY	E. AKE						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY		

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 24860 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN

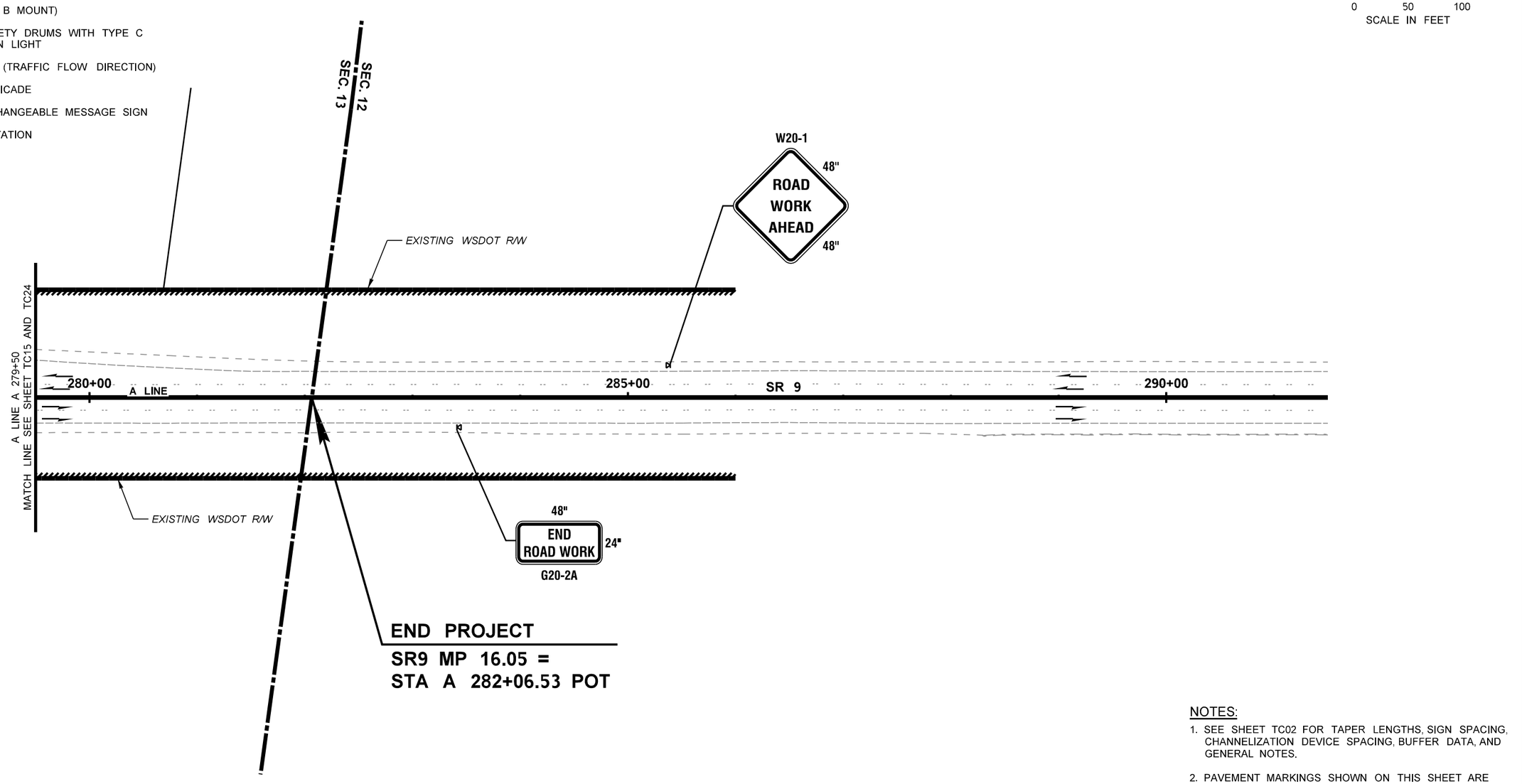
PLAN REF NO TC15

SHEET OF SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION



0 50 100
SCALE IN FEET

NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 2A / PHASE 3A

FILE NAME	c:\pw_workIng\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC2A_16.dgn					REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	5:39:16 PM					JOB NUMBER		
DATE	5/3/2021							
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA							
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOLISE AKE — STATE OF WASHINGTON — 24830 — REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX

DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN (PH 2A)

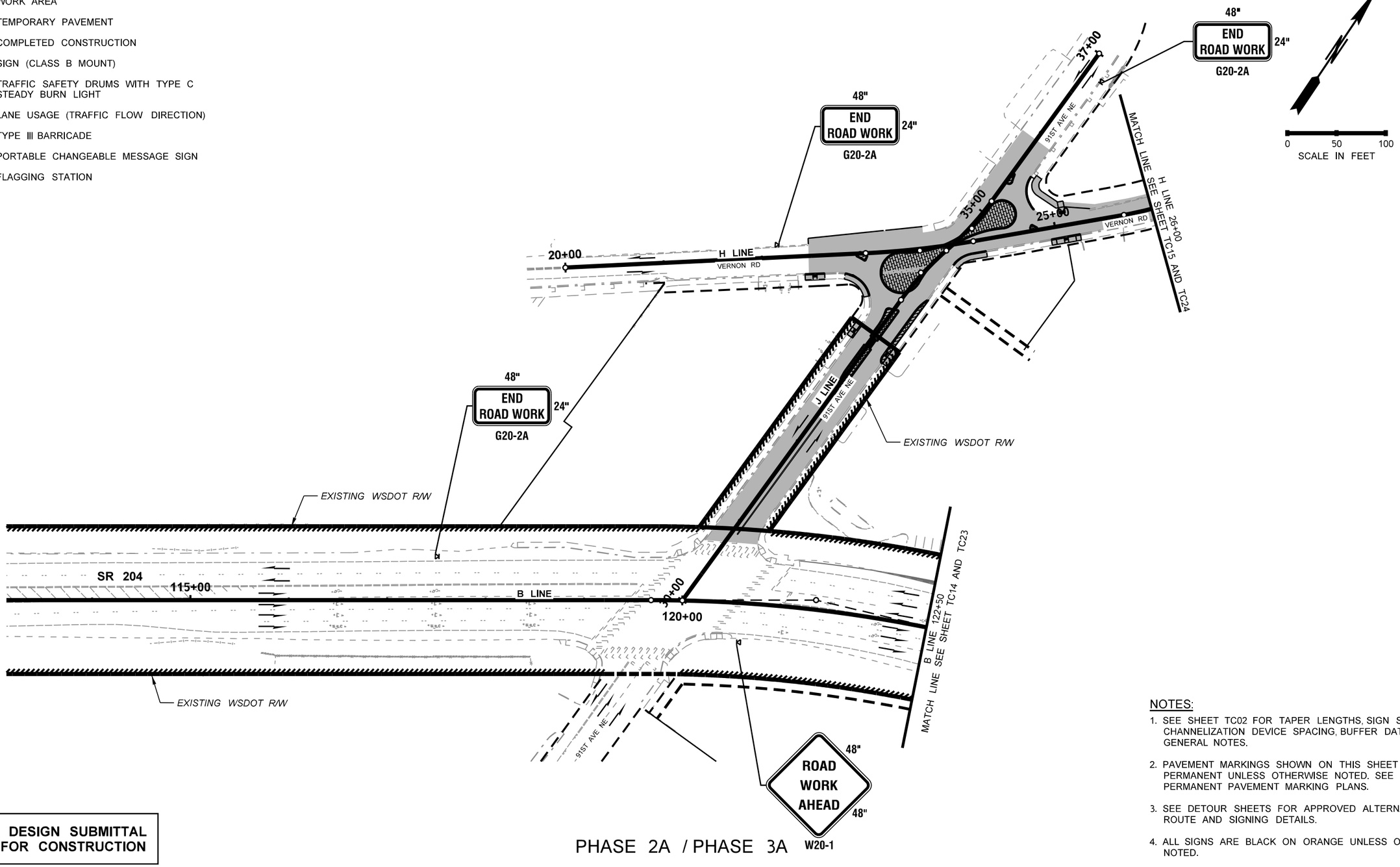
PLAN REF NO TC16

SHEET OF SHEETS

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION

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



PHASE 2A / PHASE 3A

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

FILE NAME	c:\pw_workIng\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC2A_17.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
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PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA					CONTRACT NO.		LOCATION NO.
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 24800 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN (PH 2A)

PLAN REF NO
TC17

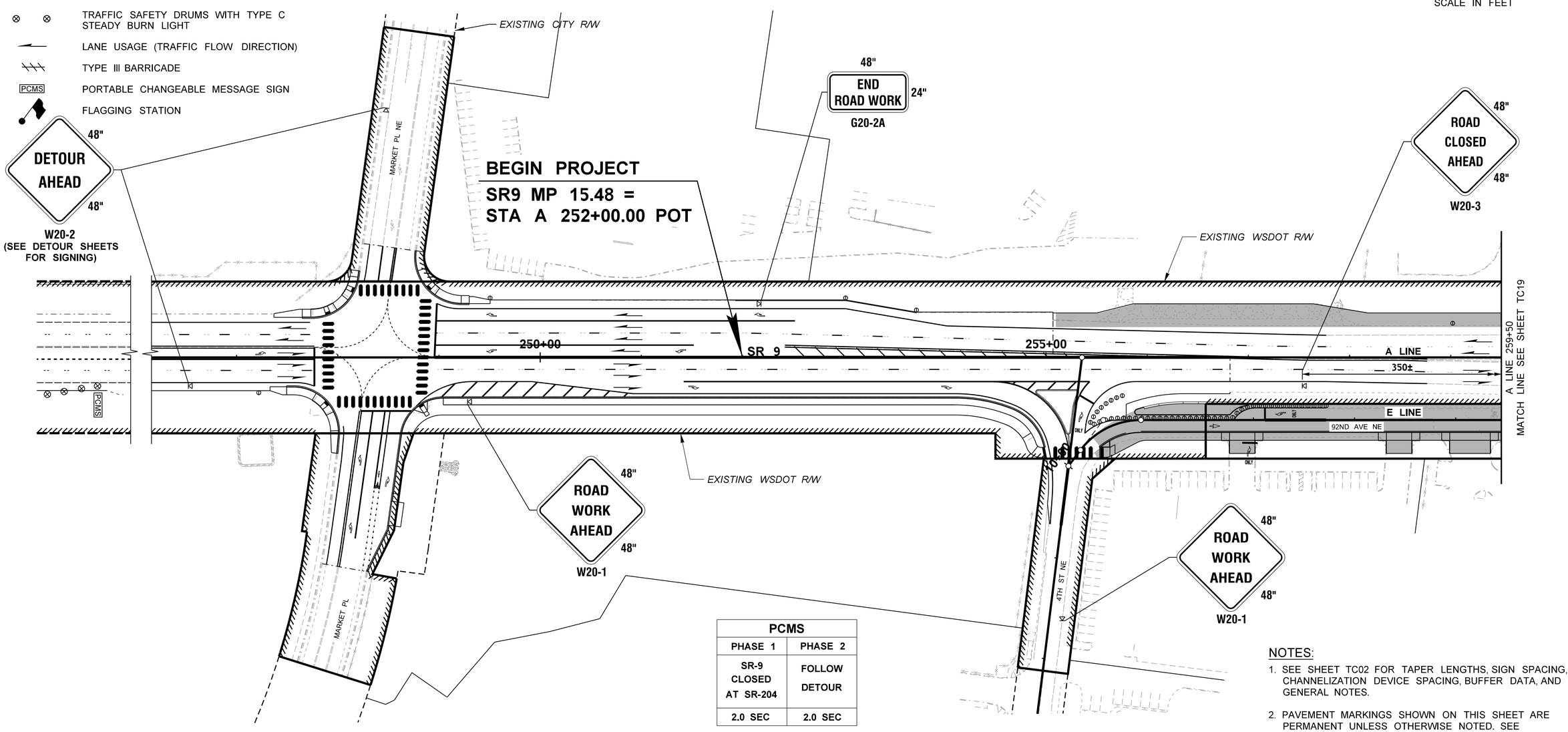
SHEET
OF
SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION

0 50 100
SCALE IN FEET



PCMS	
PHASE 1	PHASE 2
SR-9 CLOSED AT SR-204	FOLLOW DETOUR
2.0 SEC	2.0 SEC

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

NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 2B - EXTENDED WEEKEND CLOSURE

FILE NAME	c:\pw_working\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC2B_18.dgn					REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	5:39:58 PM							
DATE	5/3/2021							
PLOTTED BY	p009797D					JOB NUMBER		
DESIGNED BY	T. PLOUCHA							
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 24806 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN

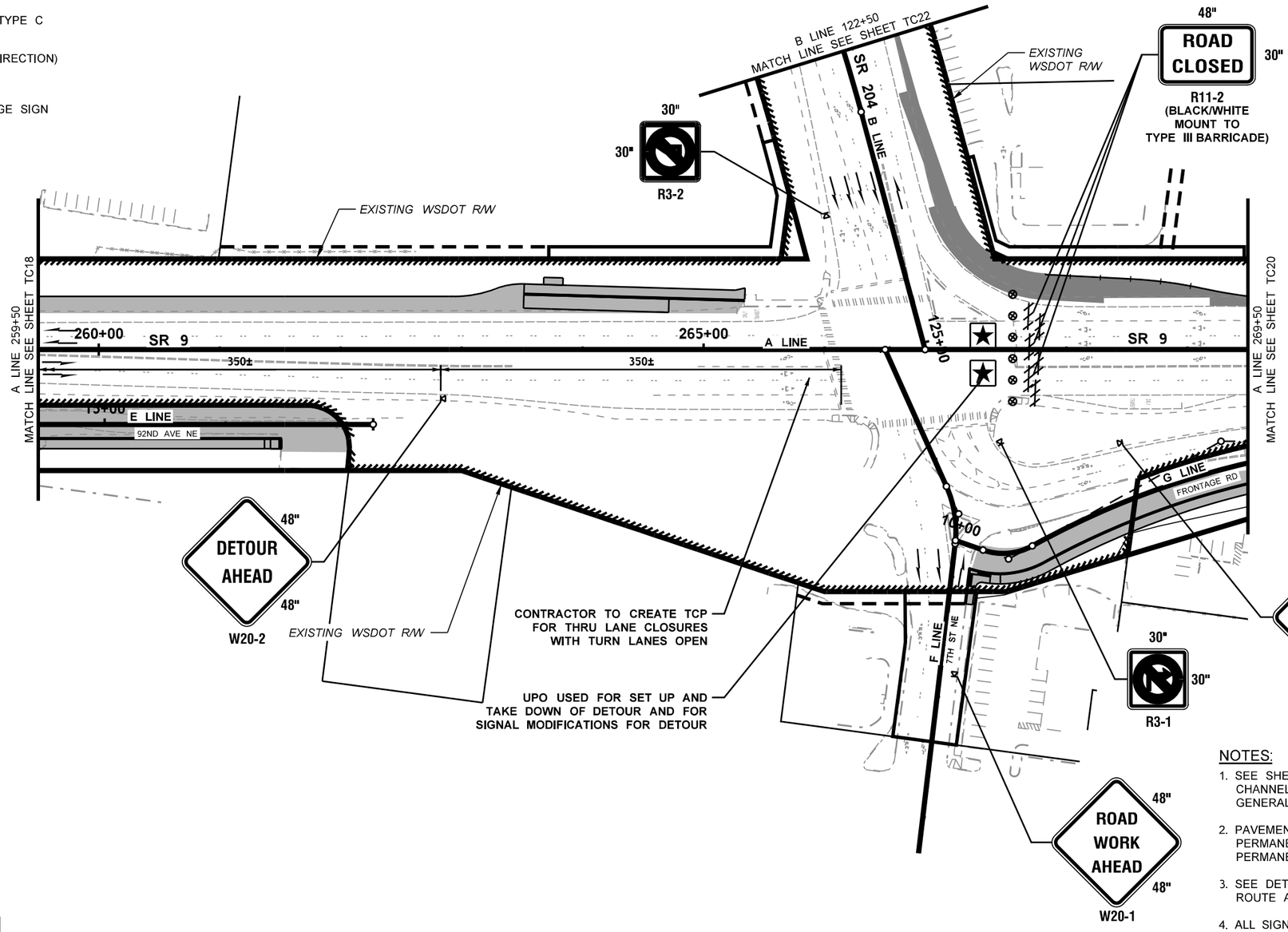
PLAN REF NO
TC18

SHEET
OF
SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION
- UNIFORMED POLICE OFFICER



NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
5. PROTECT ALL SIGNALS IN PLACE AROUND THE SR9/SR 204 INTERSECTION.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 2B - EXTENDED WEEKEND CLOSURE

FILE NAME	c:\pw_workIng\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC2B_19.dgn					REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	5:40:19 PM					JOB NUMBER		
DATE	5/3/2021							
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA					CONTRACT NO.		LOCATION NO.
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 54806 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN

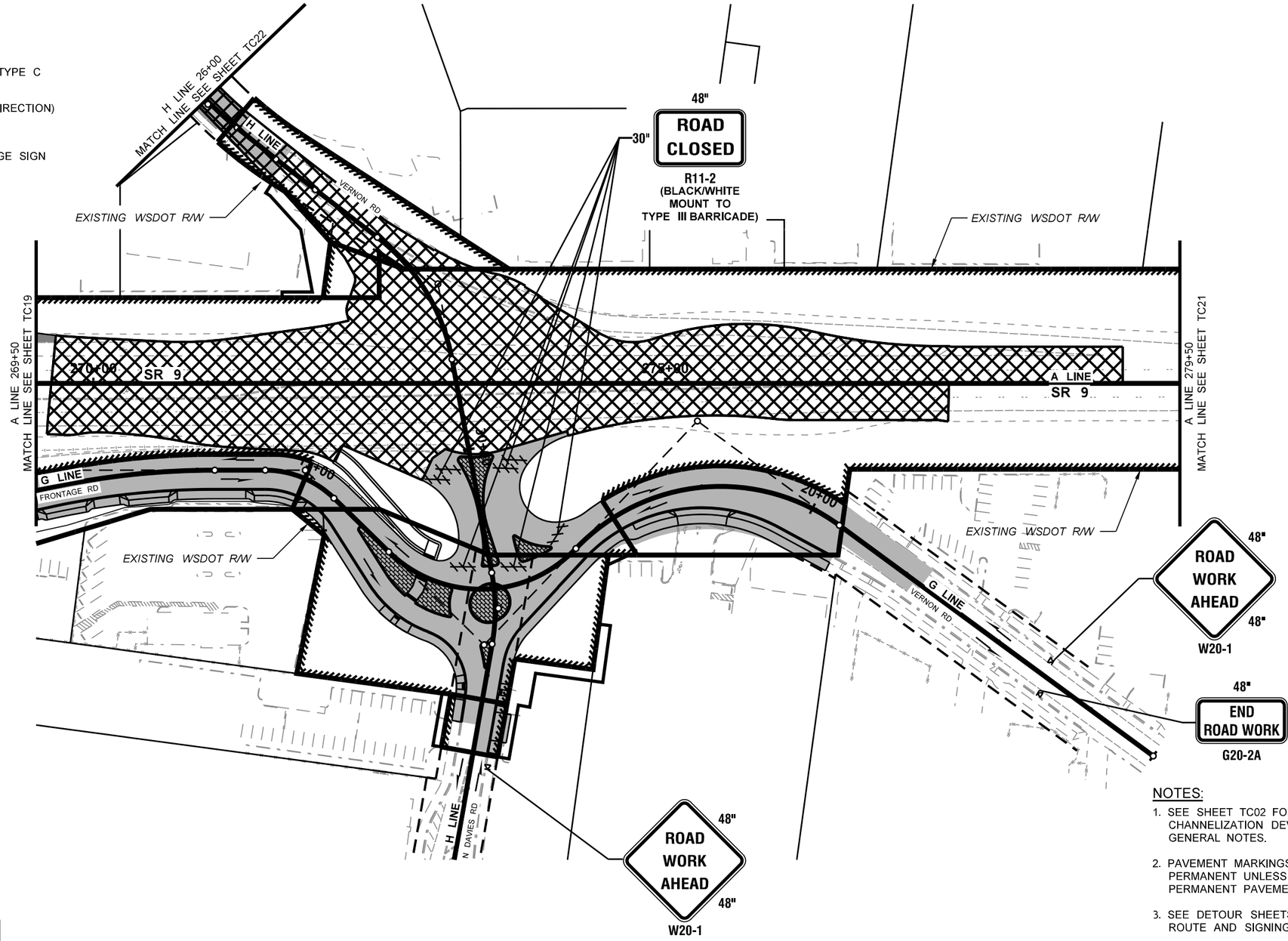
PLAN REF NO TC19

SHEET OF SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION



NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 2B - EXTENDED WEEKEND CLOSURE

FILE NAME	c:\pw_workIng\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC2B_20.dgn					REGION NO. / STATE	FED.AID PROJ.NO.
TIME	5:40:36 PM					10 WASH	
DATE	5/3/2021					JOB NUMBER	
PLOTTED BY	p009797D						
DESIGNED BY	T. PLOUCHA					CONTRACT NO.	LOCATION NO.
ENTERED BY	R. ZELLERS						
CHECKED BY	E. AKE						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY		

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 24800 — REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX — DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN

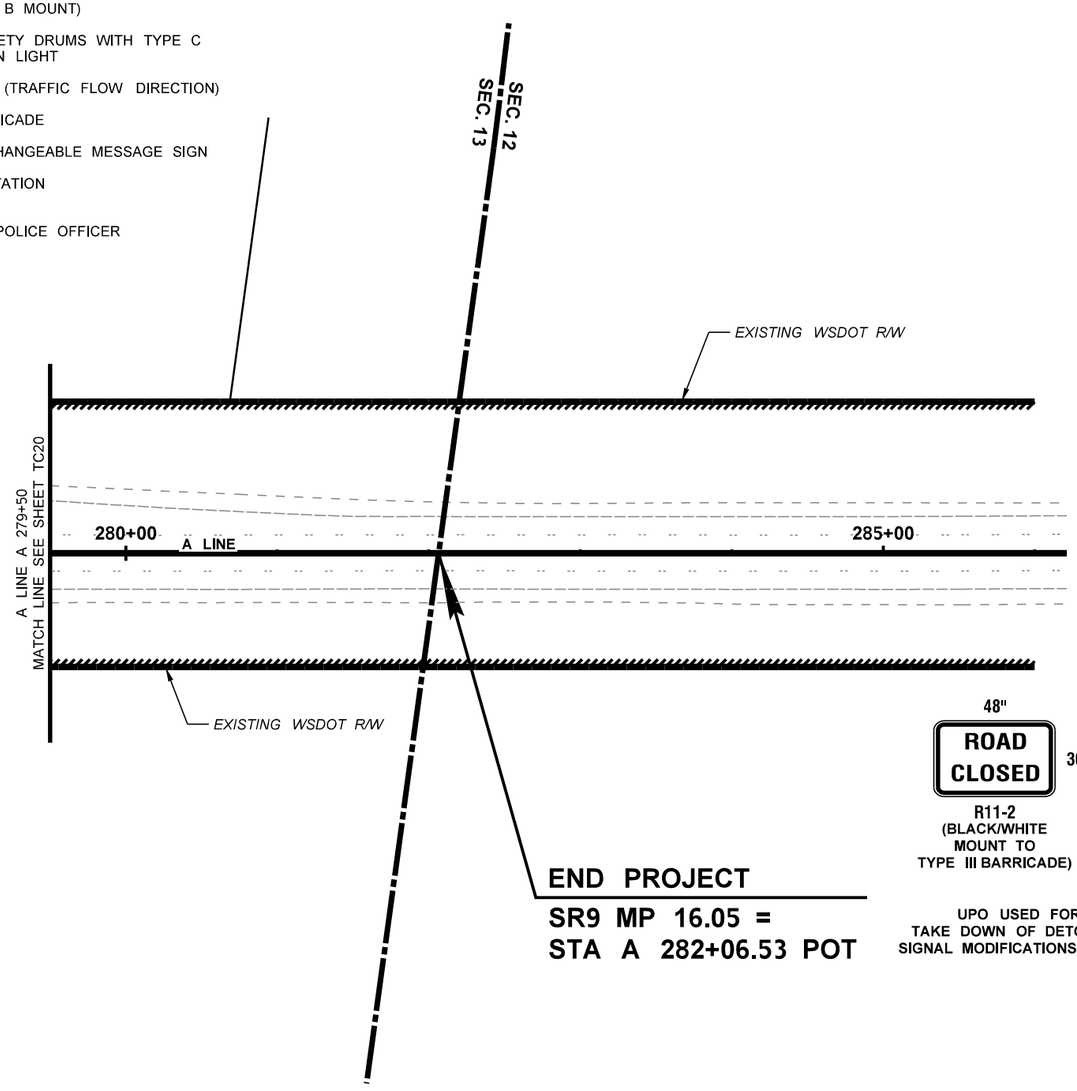
PLAN REF NO TC20

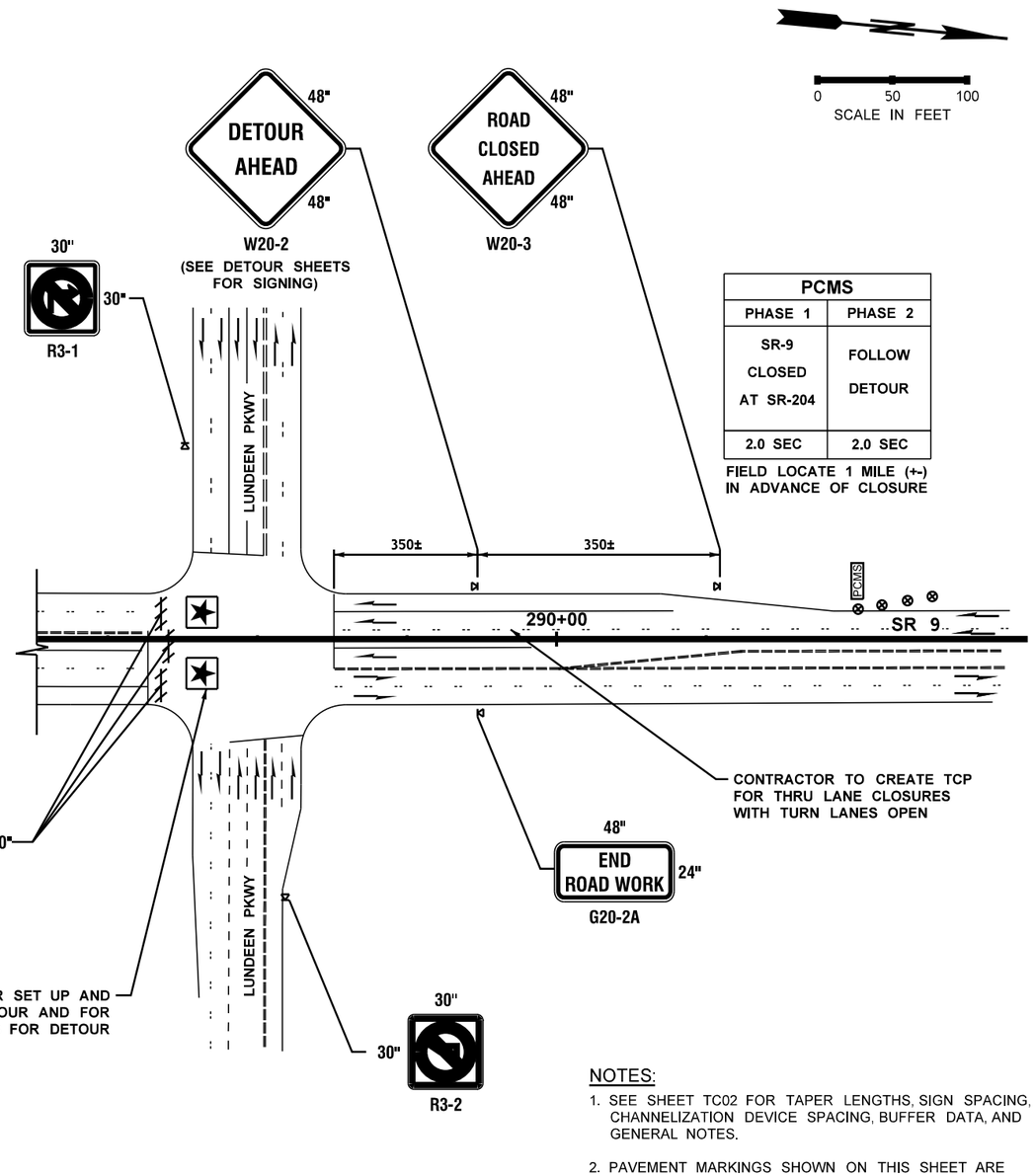
SHEET OF SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION
- UNIFORMED POLICE OFFICER





PCMS	
PHASE 1	PHASE 2
SR-9 CLOSED AT SR-204	FOLLOW DETOUR
2.0 SEC	2.0 SEC

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

NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 2B - EXTENDED WEEKEND CLOSURE

FILE NAME	c:\pw_workIng\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC2B_21.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	5:40:49 PM					10	WASH	
DATE	5/3/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA					CONTRACT NO.		LOCATION NO.
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 54806 — REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX — DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN

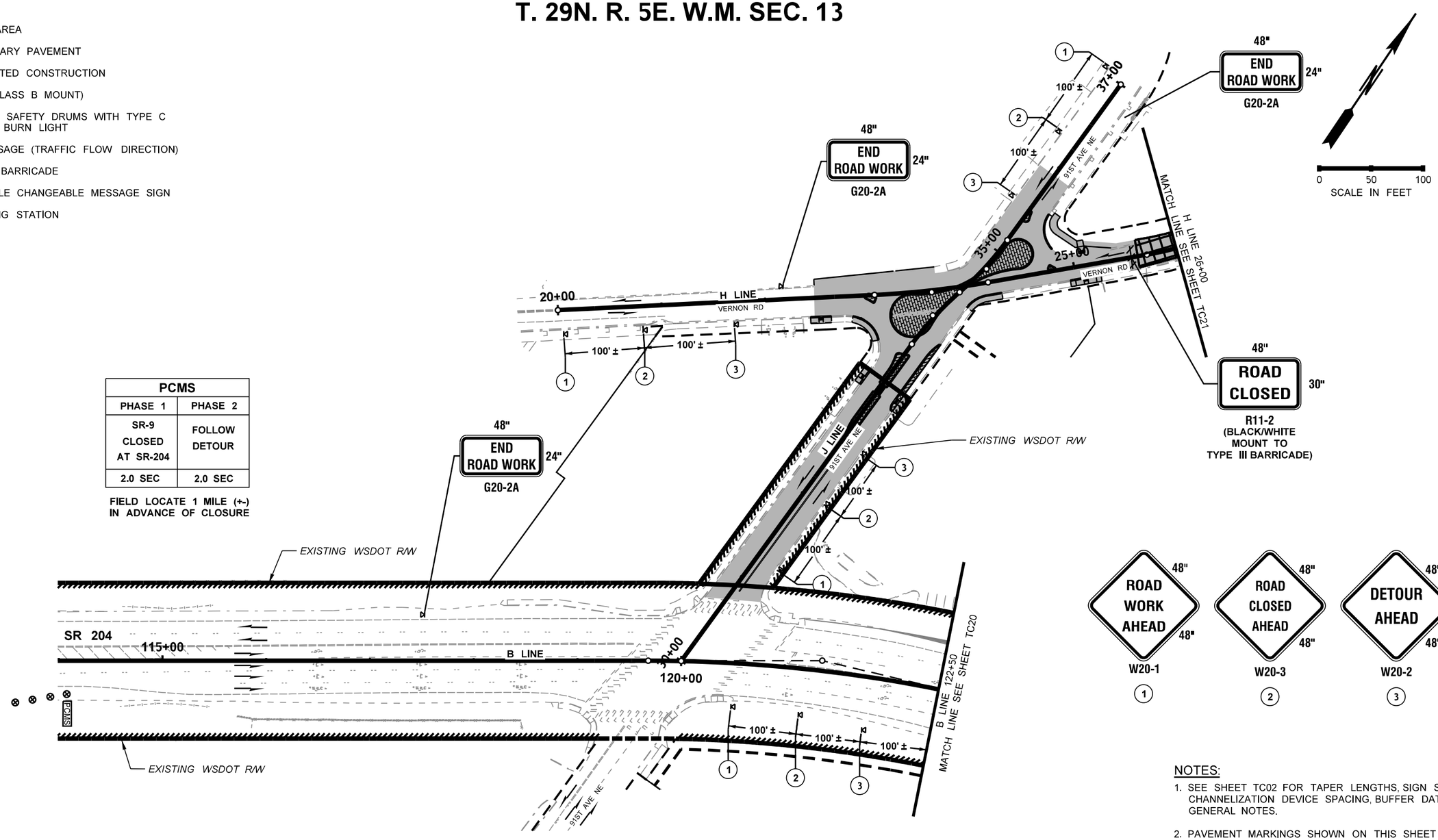
PLAN REF NO TC21

SHEET OF SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION



PCMS	
PHASE 1	PHASE 2
SR-9 CLOSED AT SR-204	FOLLOW DETOUR
2.0 SEC	2.0 SEC

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

NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 2B - EXTENDED WEEKEND CLOSURE

FILE NAME	c:\pw_workIng\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC2B_22.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	5:41:06 PM					10	WASH	
DATE	5/3/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA					CONTRACT NO.		LOCATION NO.
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEQUE AKE — STATE OF WASHINGTON — 24800 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN

PLAN REF NO TC22

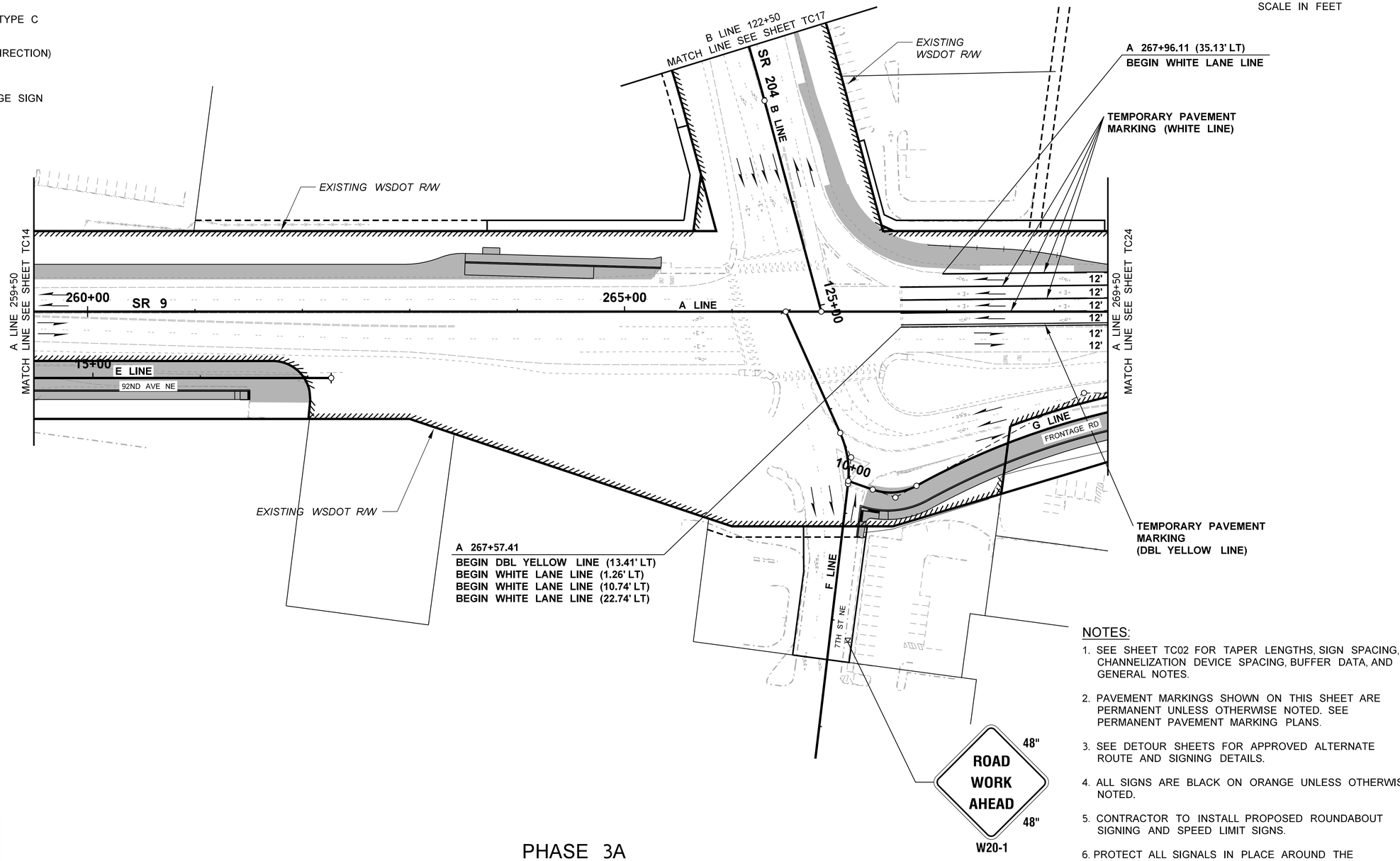
SHEET OF SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION

0 50 100
SCALE IN FEET



NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
5. CONTRACTOR TO INSTALL PROPOSED ROUNDABOUT SIGNING AND SPEED LIMIT SIGNS.
6. PROTECT ALL SIGNALS IN PLACE AROUND THE SR 9/SR 204 INTERSECTION.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 3A

FILE NAME	c:\pw_working\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC3A_23.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	9:44:49 AM					10	WASH	
DATE	5/4/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA					CONTRACT NO.		LOCATION NO.
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 24806 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN

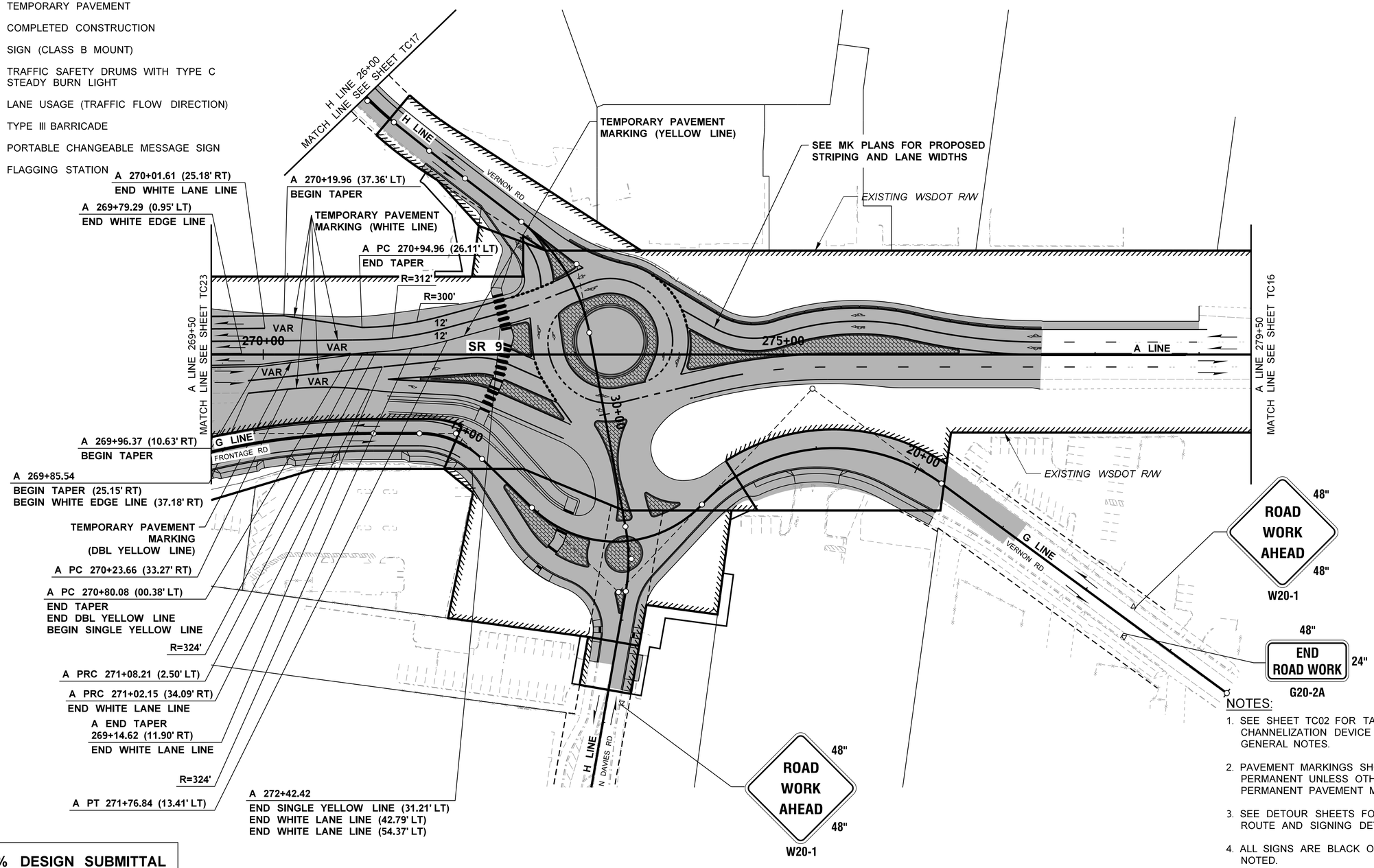
PLAN REF NO
TC23
SHEET
OF
SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION

0 50 100
SCALE IN FEET



NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
5. CONTRACTOR TO INSTALL PROPOSED ROUNDABOUT SIGNING AND SPEED LIMIT SIGNS.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 3A

FILE NAME	c:\pw_working\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC3A_24.dgn					REGION NO. 10	STATE WASH	FED.AID PROJ.NO.
TIME	9:45:57 AM							
DATE	5/4/2021							
PLOTTED BY	p009797D					JOB NUMBER		
DESIGNED BY	T. PLOUCHA							
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 54806 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN

PLAN REF NO TC24

SHEET OF SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION
- UNIFORMED POLICE OFFICER

0 50 100
SCALE IN FEET

30" 30" R3-2

EXISTING CITY R/W

DETOUR AHEAD 48" 48" W20-2

100' ±

MARKET PL NE

48" END ROAD WORK 24" G20-2A

ROAD CLOSED AHEAD 48" 48" W20-3

BEGIN PROJECT
SR9 MP 15.48 =
STA A 252+00.00 POT

TRAFFIC SAFETY DRUM WITH TYPE C STEADY BURN LIGHT (TYP)

EXISTING WSDOT R/W

250+00

SR 9

255+00

A LINE

E LINE

92ND AVE NE

MATCH LINE SEE SHEET TC26

CONTRACTOR TO CREATE TCP FOR THRU LANE CLOSURES WITH TURN LANES OPEN

UPO USED FOR SET UP AND TAKE DOWN OF DETOUR AND FOR SIGNAL MODIFICATIONS FOR DETOUR

EXISTING WSDOT R/W

SIDEWALK TO REMAIN OPEN

TRAFFIC SAFETY DRUM WITH TYPE C STEADY BURN LIGHT (TYP)

48" ROAD CLOSED 30" R11-2 (BLACK/WHITE MOUNT TO TYPE III BARRICADE)

48" ROAD CLOSED 30" R11-2 (BLACK/WHITE MOUNT TO TYPE III BARRICADE)

4TH ST NE

DETOUR AHEAD 48" 48" W20-2

60" ROAD CLOSED TO THRU TRAFFIC 30" R11-4 (BLACK/WHITE MOUNT TO TYPE III BARRICADE) PERMIT LOCAL TRAFFIC TO 4TH ST NE

30" R3-1

MARKET PL

100' ±

100' ±

EXISTING WSDOT R/W

ROAD CLOSED AHEAD 48" 48" W20-3

ROAD CLOSED AHEAD 48" 48" W20-3

PCMS	
PHASE 1	PHASE 2
SR-9 CLOSED AT SR-204	FOLLOW DETOUR
2.0 SEC	2.0 SEC

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

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 3B - EXTENDED WEEKEND CLOSURE

NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
5. CONTRACTOR TO CREATE TCP FOR THRU LANE CLOSURES WITH TURN LANES OPEN.

FILE NAME	c:\pw_working\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC3B_25.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	9:47:20 AM					10	WASH	
DATE	5/4/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA					CONTRACT NO.		LOCATION NO.
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOLE AKE — STATE OF WASHINGTON — 18408 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN

PLAN REF NO TC25

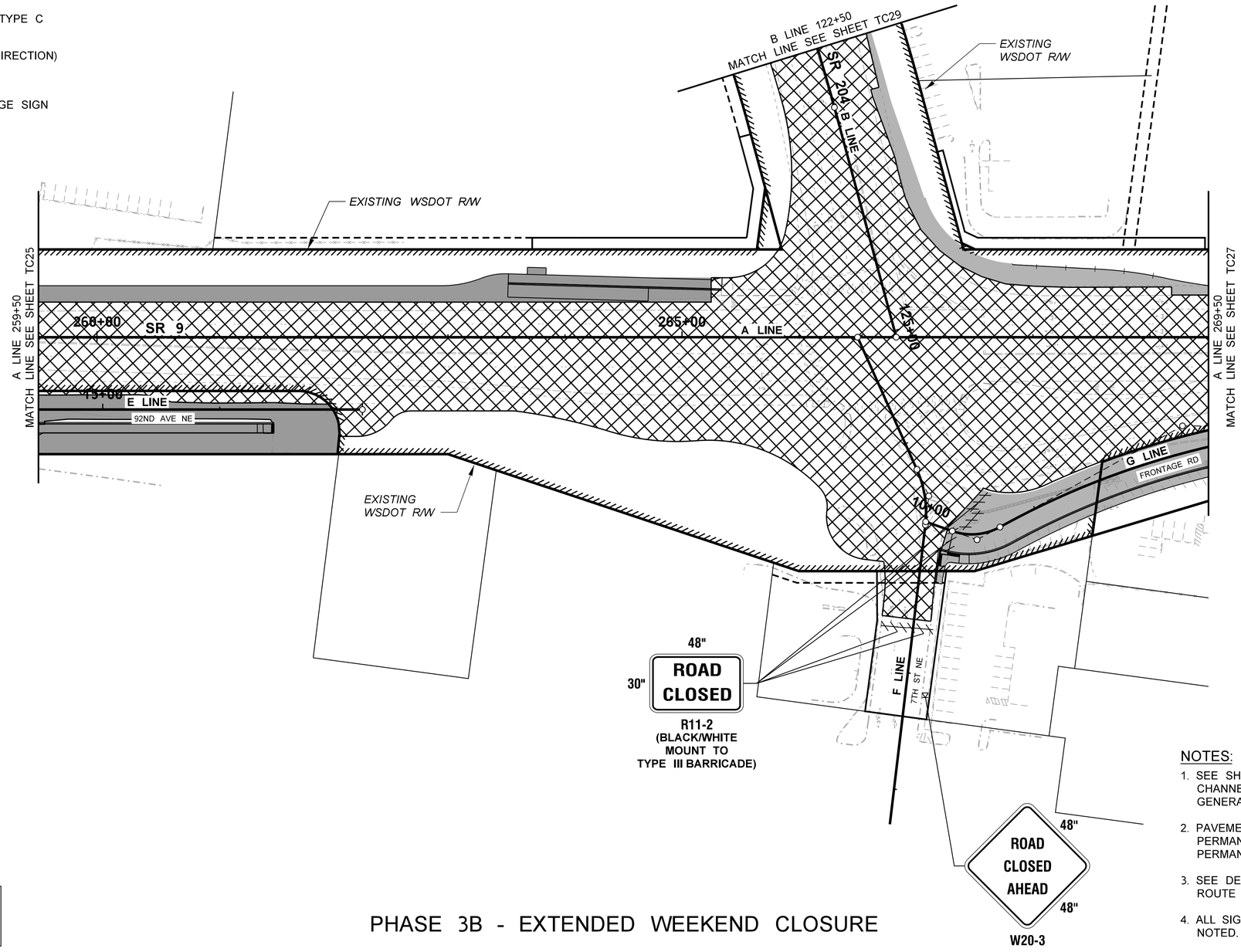
SHEET OF SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION

0 50 100
SCALE IN FEET



NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 3B - EXTENDED WEEKEND CLOSURE

FILE NAME	c:\pw_working\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC3B_26.dgn					REGION NO. 10	STATE WASH
TIME	11:00:02 PM						FED.AID PROJ.NO.
DATE	5/3/2021					JOB NUMBER	
PLOTTED BY	p009797D						
DESIGNED BY	T. PLOUCHA					CONTRACT NO.	LOCATION NO.
ENTERED BY	R. ZELLERS						
CHECKED BY	E. AKE						
PROJ. ENGR.	K. NDILE						
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY		

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 48808 — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

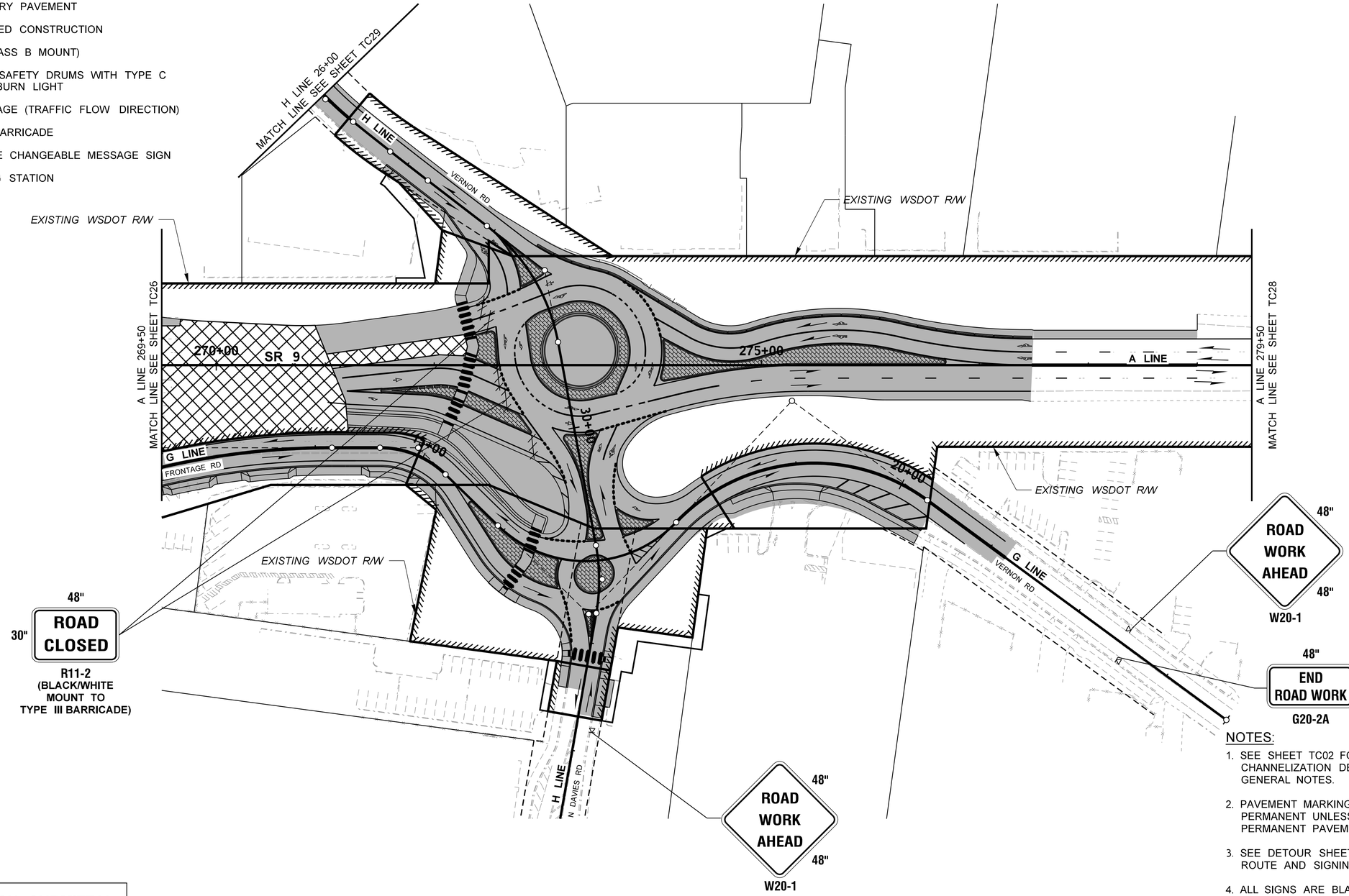
TRAFFIC CONTROL PLAN

PLAN REF NO TC26
SHEET OF SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION



NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
5. PROPOSED SIGNING HAS BEEN INSTALLED FOR THIS PHASE.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 3B - EXTENDED WEEKEND CLOSURE

FILE NAME	c:\pw_working\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC3B_27.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	10:59:13 AM					10	WASH	
DATE	5/4/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA							
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 24BDC — REGISTERED PROFESSIONAL ENGINEER

P.E. STAMP BOX — DATE

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN

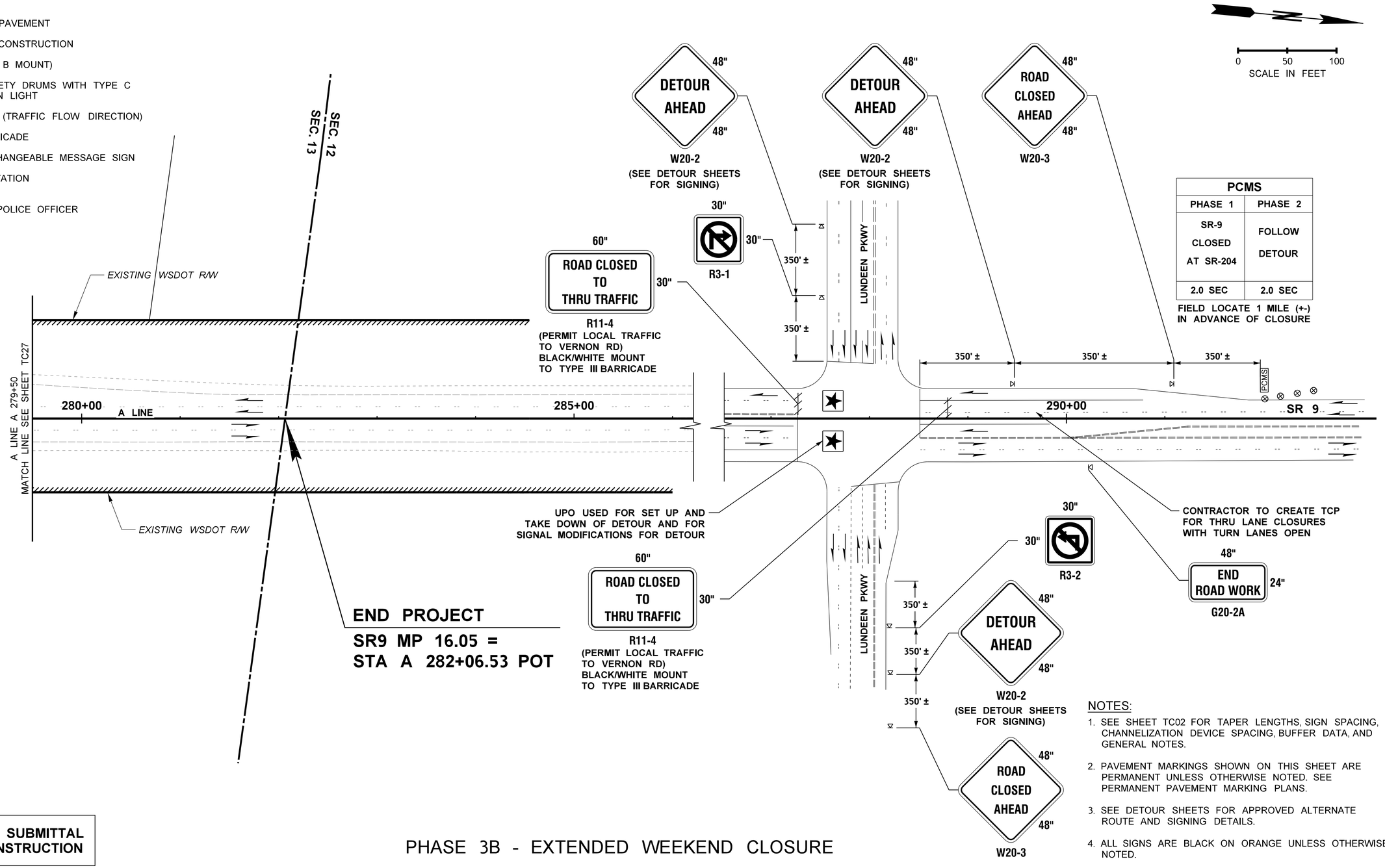
PLAN REF NO TC27

SHEET OF SHEETS

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

LEGEND:

- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION
- UNIFORMED POLICE OFFICER



PCMS	
PHASE 1	PHASE 2
SR-9 CLOSED AT SR-204	FOLLOW DETOUR
2.0 SEC	2.0 SEC

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

NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 3B - EXTENDED WEEKEND CLOSURE

FILE NAME	c:\pw_working\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC3B_28.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	11:00:32 PM					10	WASH	
DATE	5/3/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA							
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOLE AKE — STATE OF WASHINGTON — 24892 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN

PLAN REF NO TC28

SHEET OF SHEETS

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

LEGEND:

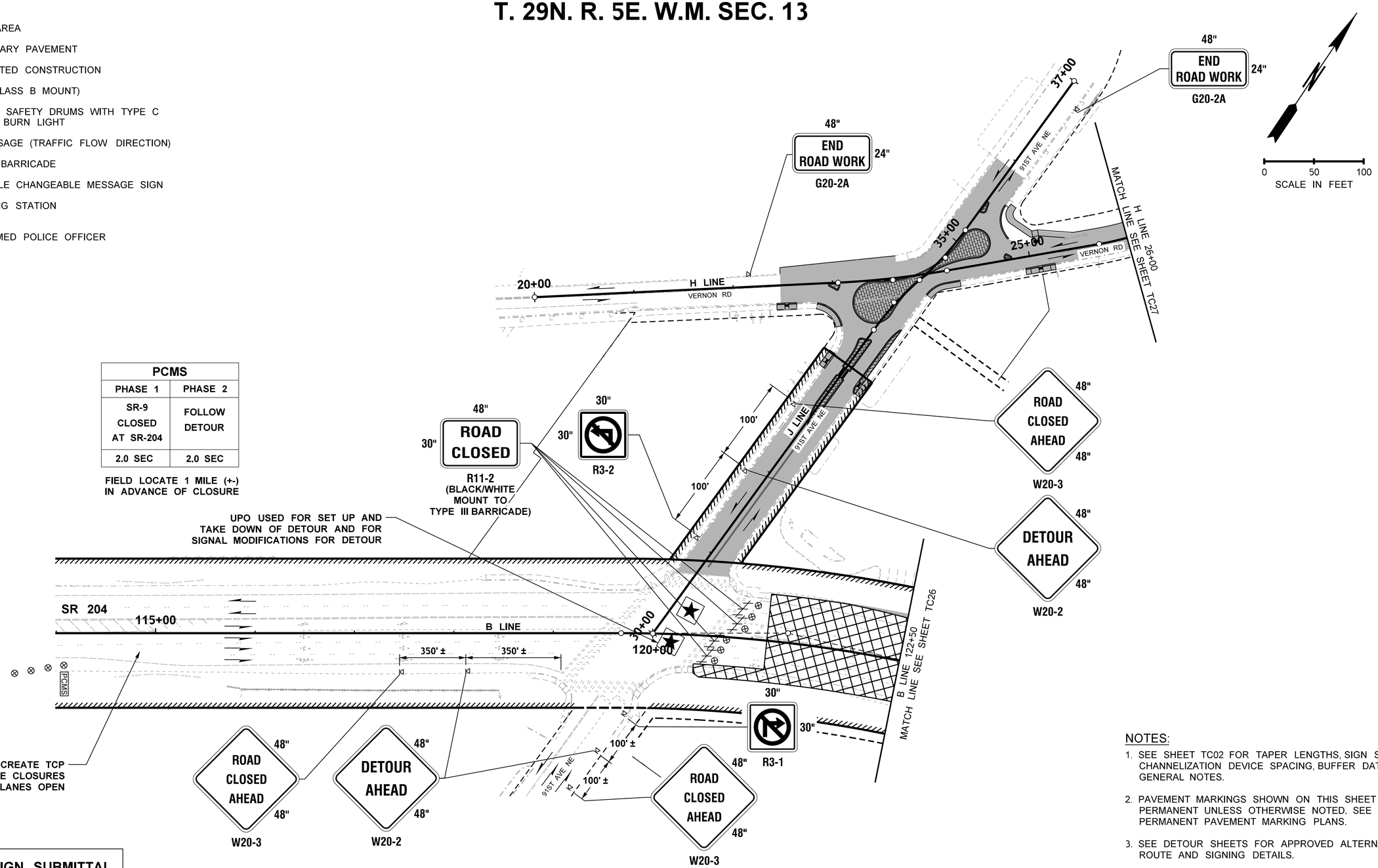
- WORK AREA
- TEMPORARY PAVEMENT
- COMPLETED CONSTRUCTION
- SIGN (CLASS B MOUNT)
- TRAFFIC SAFETY DRUMS WITH TYPE C STEADY BURN LIGHT
- LANE USAGE (TRAFFIC FLOW DIRECTION)
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- FLAGGING STATION
- UNIFORMED POLICE OFFICER

PCMS	
PHASE 1	PHASE 2
SR-9 CLOSED AT SR-204	FOLLOW DETOUR
2.0 SEC	2.0 SEC

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

UPO USED FOR SET UP AND TAKE DOWN OF DETOUR AND FOR SIGNAL MODIFICATIONS FOR DETOUR

CONTRACTOR TO CREATE TCP FOR THRU LANE CLOSURES WITH TURN LANES OPEN



100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

PHASE 3B - EXTENDED WEEKEND CLOSURE

NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. PAVEMENT MARKINGS SHOWN ON THIS SHEET ARE PERMANENT UNLESS OTHERWISE NOTED. SEE PERMANENT PAVEMENT MARKING PLANS.
3. SEE DETOUR SHEETS FOR APPROVED ALTERNATE ROUTE AND SIGNING DETAILS.
4. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

FILE NAME	c:\pw_working\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_TC3B_29.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
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DATE	5/3/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA					CONTRACT NO.		LOCATION NO.
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEJO AKE — STATE OF WASHINGTON — 14806 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

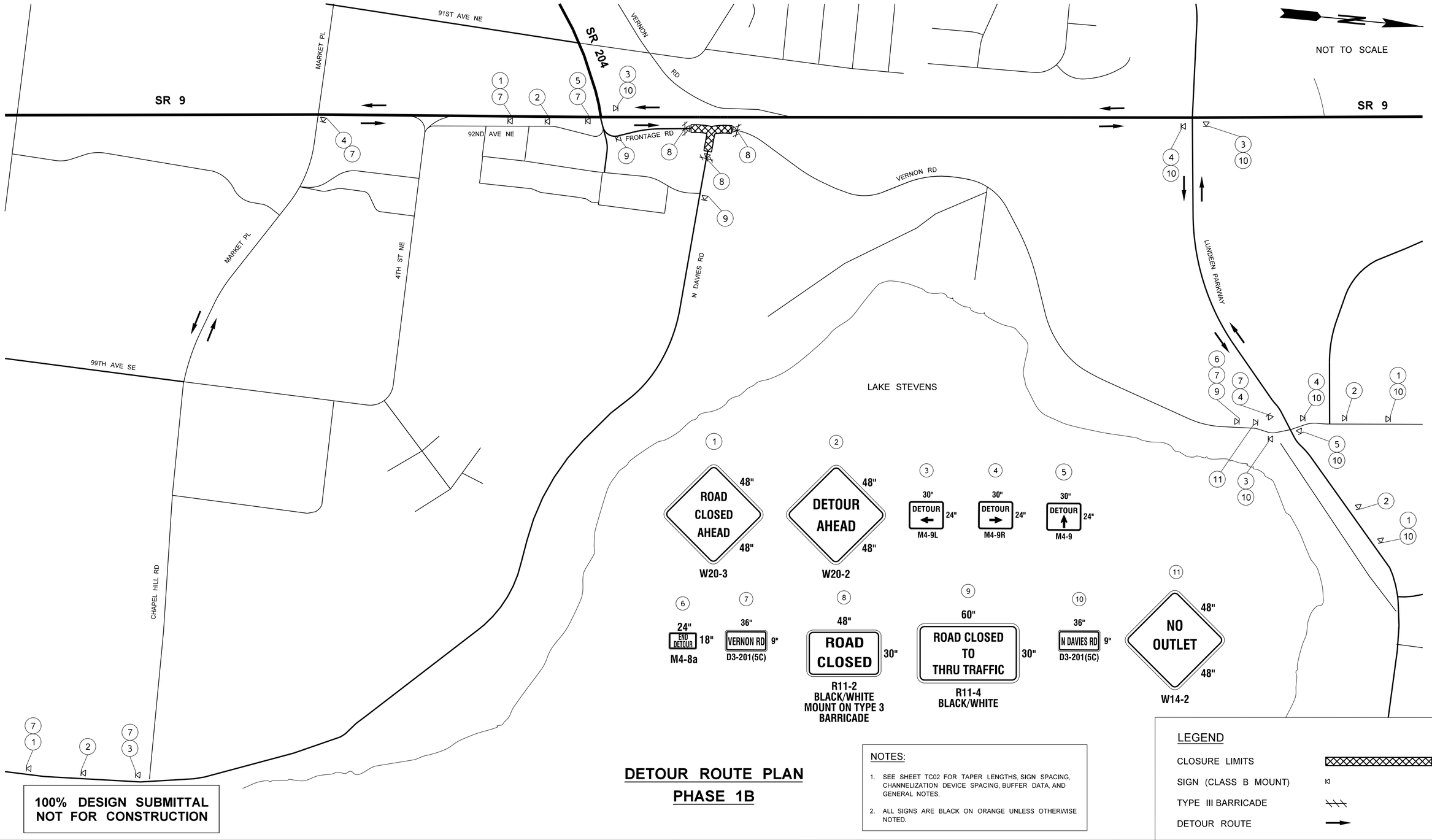
Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

TRAFFIC CONTROL PLAN

PLAN REF NO TC29

SHEET OF SHEETS



100% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION

DETOUR ROUTE PLAN
PHASE 1B

NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

LEGEND

- CLOSURE LIMITS
- SIGN (CLASS B MOUNT)
- TYPE III BARRICADE
- DETOUR ROUTE

FILE NAME	c:\pw_working\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_DU_01.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	11:27:16 AM					10	WASH	
DATE	4/30/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA							
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE					CONTRACT NO.		LOCATION NO.
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 24BOC — REGISTERED PROFESSIONAL ENGINEER
DATE
P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

DETOUR ROUTE PLAN

PLAN REF NO
DU01

SHEET
OF
SHEETS

LEGEND

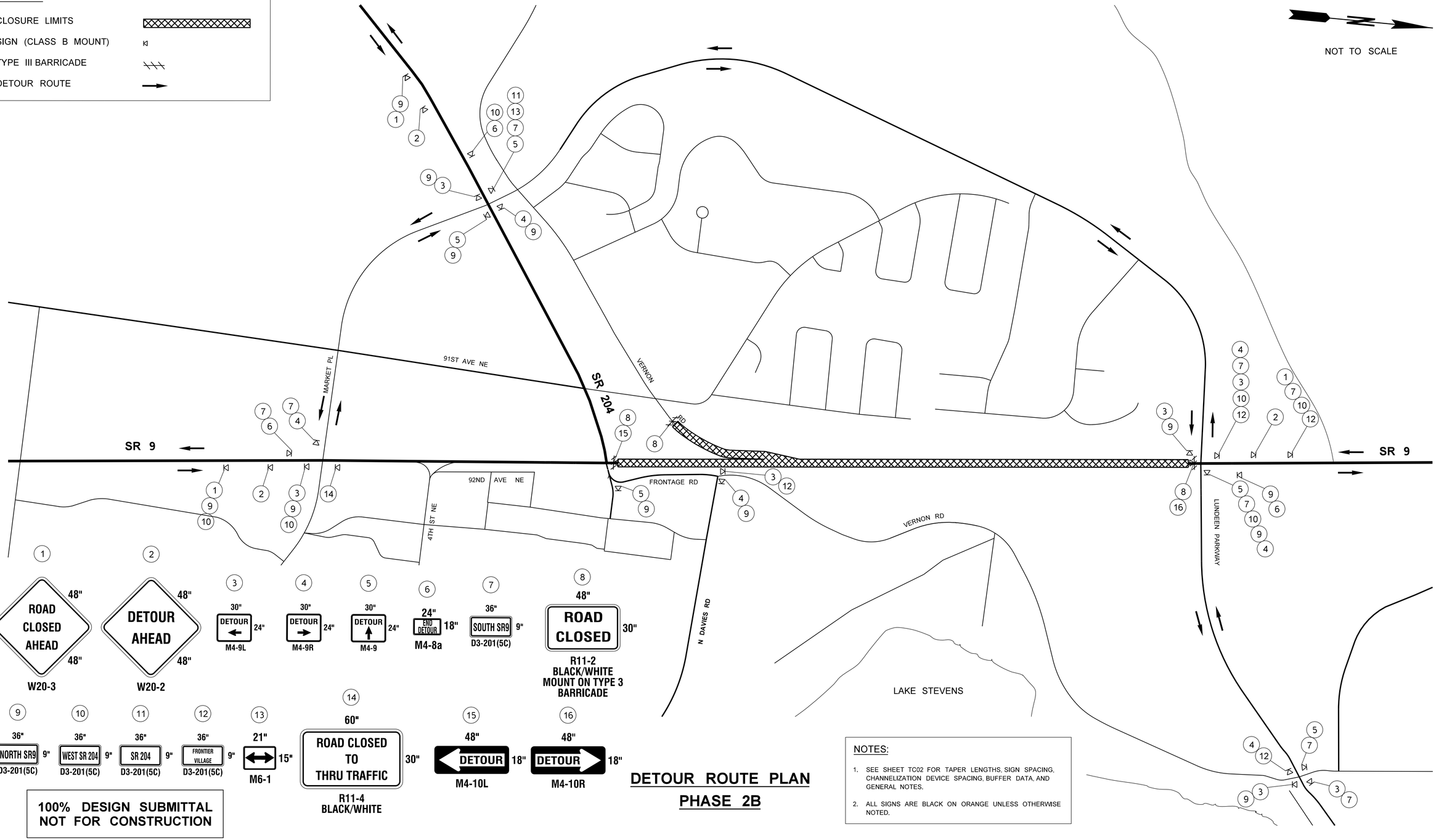
CLOSURE LIMITS

SIGN (CLASS B MOUNT)

TYPE III BARRICADE

DETOUR ROUTE

NOT TO SCALE



1 — 48" ROAD CLOSED AHEAD 48" — W20-3

2 — 48" DETOUR AHEAD 48" — W20-2

3 — 30" DETOUR ← 24" — M4-9L

4 — 30" DETOUR → 24" — M4-9R

5 — 30" DETOUR ↑ 24" — M4-9

6 — 24" END DETOUR 18" — M4-8a

7 — 36" SOUTH SR9 9" — D3-201(5C)

8 — 48" ROAD CLOSED 30" — R11-2 BLACK/WHITE MOUNT ON TYPE 3 BARRICADE

9 — 36" NORTH SR9 9" — D3-201(5C)

10 — 36" WEST SR 204 9" — D3-201(5C)

11 — 36" SR 204 9" — D3-201(5C)

12 — 36" FRONTIER VILLAGE 9" — D3-201(5C)

13 — 21" ↔ 15" — M6-1

14 — 60" ROAD CLOSED TO THRU TRAFFIC 30" — R11-4 BLACK/WHITE

15 — 48" ← DETOUR 18" — M4-10L

16 — 48" DETOUR → 18" — M4-10R

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

DETOUR ROUTE PLAN PHASE 2B

NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

FILE NAME	c:\pw_working\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_DU_02.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	11:27:32 AM					10	WASH	
DATE	4/30/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA							
ENTERED BY	R. ZELLERS					CONTRACT NO.		LOCATION NO.
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 24882 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

DETOUR ROUTE PLAN

PLAN REF NO DU02

SHEET OF SHEETS

NOT TO SCALE

SR 9

SR 204

91ST AVE NE

MARKET PL

92ND AVE NE

FRONTAGE RD

VERNON RD

LUNDEEN PARKWAY

4TH ST NE

99TH AVE SE

1 — 48" ROAD CLOSED AHEAD 48" — W20-3

2 — 48" DETOUR AHEAD 48" — W20-2

3 — 30" DETOUR 24" — M4-9L

4 — 30" DETOUR 24" — M4-9R

5 — 30" DETOUR 24" — M4-9

6 — 24" END DETOUR 18" — M4-8a

7 — 36" SOUTH SR9 9" — D3-201(5C)

8 — 48" ROAD CLOSED 30" — R11-2 BLACK/WHITE MOUNT ON TYPE 3 BARRICADE

9 — 36" NORTH SR9 9" — D3-201(5C)

10 — 36" WEST SR 204 9" — D3-201(5C)

11 — 36" SR 204 9" — D3-201(5C)

12 — 36" FRONTIER VILLAGE 9" — D3-201(5C)

13 — 21" 15" — M6-1

14 — 36" FRONTIER VILLAGE ACCESS OPEN AHEAD 9" — D3-201(5C)

100% DESIGN SUBMITTAL NOT FOR CONSTRUCTION

DETOUR ROUTE PLAN
PHASE 3B

NOTES:

1. SEE SHEET TC02 FOR TAPER LENGTHS, SIGN SPACING, CHANNELIZATION DEVICE SPACING, BUFFER DATA, AND GENERAL NOTES.
2. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.

LEGEND

- CLOSURE LIMITS
- SIGN (CLASS B MOUNT)
- TYPE III BARRICADE
- DETOUR ROUTE

FILE NAME	c:\pw_working\wastate\parsons_p009797d\dms26746\Stage_3_Y-11834_PS_DU_03.dgn					REGION NO.	STATE	FED.AID PROJ.NO.
TIME	11:27:41 AM					10	WASH	
DATE	4/30/2021					JOB NUMBER		
PLOTTED BY	p009797D							
DESIGNED BY	T. PLOUCHA					CONTRACT NO.		LOCATION NO.
ENTERED BY	R. ZELLERS							
CHECKED BY	E. AKE							
PROJ. ENGR.	K. NDILE							
REGIONAL ADM.	M. COTTEN	NO	REVISION	DATE	BY			

EMMANUEL OSEOJE AKE — STATE OF WASHINGTON — 24892 — REGISTERED PROFESSIONAL ENGINEER

DATE

P.E. STAMP BOX

PARSONS

Washington State Department of Transportation

SR 9
SR 204 INTERSECTION IMPROVEMENTS (STAGE 3)

DETOUR ROUTE PLAN

PLAN REF NO DU03

SHEET OF SHEETS