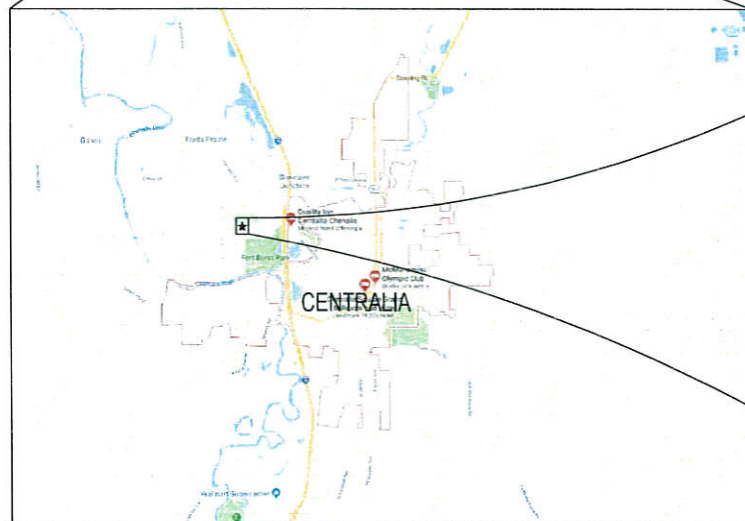
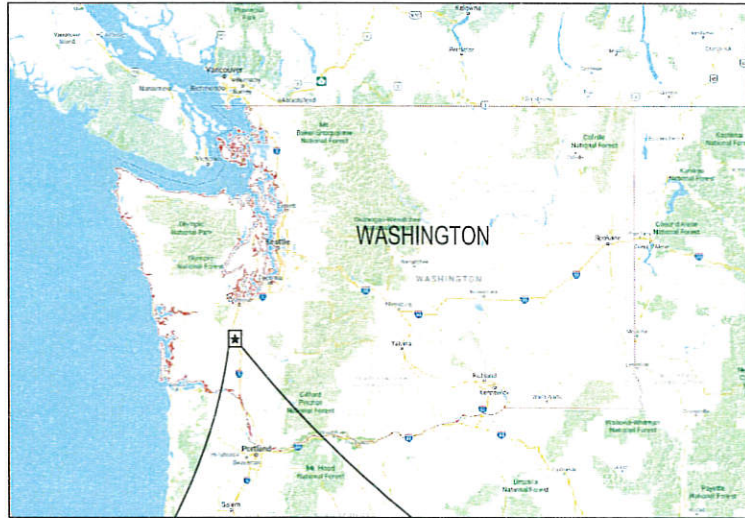


SEC. 1 AND 6, T14N., R3W AND 2W., W.M.

BORST AVENUE CENTRALIA, WASHINGTON



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GOVERNING AGENCIES
LEWIS COUNTY
CITY OF CENTRALIA

UTILITIES

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SEWER
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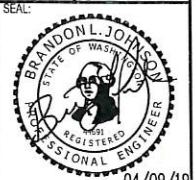
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SHEET NO.	SHEET TITLE	SHEET DESCRIPTION
1	CV-01	COVER PAGE
2	QTY-01	SUMMARY OF QUANTITIES
3	AL-01	ALIGNMENT PLAN
4	AL-02	ALIGNMENT PLAN
5	AL-03	ALIGNMENT PLAN
6	AL-04	ALIGNMENT PLAN
7	AL-05	ALIGNMENT PLAN
8	AL-06	ALIGNMENT PLAN
9	XS-01	TYPICAL SECTIONS
10	XS-02	TYPICAL SECTIONS
11	ER-01	EROSION AND SEDIMENT CONTROL PLAN
12	ER-02	EROSION AND SEDIMENT CONTROL PLAN
13	ER-03	EROSION AND SEDIMENT CONTROL PLAN
14	ER-04	EROSION AND SEDIMENT CONTROL PLAN
15	ER-05	EROSION AND SEDIMENT CONTROL PLAN
16	ER-06	EROSION AND SEDIMENT CONTROL PLAN
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18	RM-01	REMOVAL PLAN
19	RM-02	REMOVAL PLAN
20	RM-03	REMOVAL PLAN
21	RM-04	REMOVAL PLAN
22	RM-05	REMOVAL PLAN
23	RM-06	REMOVAL PLAN
24	RM-07	REMOVAL PLAN
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28	PP-01	PLAN & PROFILE
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33	PP-06	PLAN & PROFILE
34	PP-07	PLAN & PROFILE
35	PP-08	PLAN & PROFILE
36	PP-09	PLAN & PROFILE
37	PP-10	PLAN & PROFILE
38	PP-11	PLAN & PROFILE
39	PP-12	PLAN & PROFILE
40	PP-13	PLAN & PROFILE
41	PP-14	PLAN & PROFILE
42	PP-15	PLAN & PROFILE
43	SD-01	STORM DRAINAGE DETAILS

44	SD-02	STORM DRAINAGE DETAILS
45	SD-03	STORM DRAINAGE DETAILS
46	PV-01	PAVING PLAN
47	PV-02	PAVING PLAN
48	PV-03	PAVING PLAN
49	PV-04	PAVING PLAN
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52	PV-07	INTERSECTION DETAILS
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60	PV-15	INTERSECTION DETAILS
61	CH-01	CHANNELIZATION PLAN
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69	IL-01	ILLUMINATION PLANS
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76	IL-08	ILLUMINATION DETAILS
77	IL-09	ILLUMINATION DETAILS
78	TC-01	TRAFFIC CONTROL PLAN
79	TC-02	TRAFFIC CONTROL PLAN
80	TC-03	TRAFFIC CONTROL PLAN
81	TC-04	PEDESTRIAN TRAFFIC CONTROL PLAN
82	TC-05	PEDESTRIAN TRAFFIC CONTROL DETAIL
83	LS-01	LANDSCAPE PLAN
84	LS-02	LANDSCAPE PLAN
85	LS-03	LANDSCAPE PLAN
86	LS-04	LANDSCAPE PLAN
87	LS-05	LANDSCAPE PLAN
88	LS-06	LANDSCAPE PLAN

REVISIONS	DATE	BY

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COVER PAGE
BORST AVENUE
CENTRALIA, WA
PROJECT NAME
CRP 2139



DESIGNER:	S. ROWSWELL
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APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 CV-01
DRAWING NO.:	CV-01
SHEET NO.:	1 OF 88

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APPROVED FOR CONSTRUCTION
Tim Fife
TIM FIFE, PE
COUNTY ENGINEER
4-9-19
DATE

APPROVED FOR CONSTRUCTION
Jan Stankoski
JAN STANKOSKI, PE
CITY ENGINEER
4/9/19
DATE



CALL BEFORE YOU DIG
THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION.

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.

SUMMARY OF QUANTITIES					
ITEM #	SPEC	SPEC TYPE	DESCRIPTION	UNIT	QTY
PREPARATION					
1	1-09.7	STD	MOBILIZATION	L.S.	1
2	2-01.5	STD	CLEARING AND GRUBBING	ACRE	0.3
3	2-02.5	SP	REMOVAL OF STRUCTURE AND OBSTRUCTION	L.S.	1
GRADING					
4	2-03.5	STD	ROADWAY EXCAVATION INCLUDING HAUL	C.Y.	9,085
5	2-03.5	STD	SELECT BORROW INCL. HAUL	TON	130
STORM SEWER					
6	7-05.5	STD	CATCH BASIN TYPE 1	EACH	4
7	7-05.5	SP	CATCH BASIN TYPE PVC WITH DOME GRATE	EACH	16
8	7-05.5	STD	CATCH BASIN TYPE 2 48 IN. DIAM.	EACH	17
9	7-05.5	SP	BEEHIVE GRATE	EACH	1
10	7-04.5	SP	SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	L.F.	210
11	7-04.5	SP	PERFORATED SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	L.F.	2,806
WATER LINES					
12	7-14.5	STD	HYDRANT ASSEMBLY	EACH	1
13	7-14.5	STD	RESETTING EXISTING HYDRANTS	EACH	4
14	7-09.5	STD	PVC PIPE FOR WATER MAIN 6 IN. DIAM.	L.F.	6
SURFACING					
15	4-04.5	STD	CRUSHED SURFACING BASE COURSE	TON	8,285
HOT MIX ASPHALT					
16	5-04.5	STD	PLANING BITUMINOUS PAVEMENT	S.Y.	505
17	5-04.5	STD	HMA CLASS 1/2" PG 58-22	TON	3,855
EROSION CONTROL AND ROADSIDE RESTORATION					
18	8-01.5	STD	ESC LEAD	DAY	24
19	8-01.5	SP	SEEDING, FERTILIZING, & MULCHING	ACRE	0.4
20	8-01.5	STD	INLET PROTECTION	EACH	46
21	8-01.5	STD	WATTLE	L.F.	3,336
22	8-01.5	STD	EROSION /WATER POLLUTION CONTROL	EST.	10,000
23	8-01.5	SP	BIORETENTION AREA	L.F.	2,730
24	8-01.5	SP	INFILTRATION TRENCH	L.F.	2,845
25	8-02.5	STD	PSIPE BERKELEY SEDGE	EACH	678
26	8-02.5	STD	PSIPE EVERILLO JAPANESE SEDGE	EACH	215
27	8-02.5	STD	PSIPE LITTLE BLUE STEM	EACH	1,425
28	8-02.5	STD	PSIPE ROCKCRESS	EACH	327
29	8-02.5	STD	PSIPE SHASTA SULFUR BUCKWHEAT	EACH	327
30	8-02.5	STD	PSIPE SHRUBBY PENSTEMON	EACH	327
31	8-02.5	STD	PSIPE SMALL CAMAS	EACH	1,994
32	8-02.5	STD	PSIPE SOFT RUSH	EACH	534
TRAFFIC					
33	8-04.5	STD	CEMENT CONC. TRAFFIC CURB AND GUTTER	L.F.	5,791
34	8-04.5	STD	CEMENT CONC. TRAFFIC CURB	L.F.	2,882
35	8-04.5	STD	CEMENT CONC. PEDESTRIAN CURB	L.F.	544
36	8-04.5	SP	CEMENT CONC. CURB INLET	EACH	141
37	8-22.5	STD	PLASTIC LINE	L.F.	7,750
38	8-22.5	STD	PLASTIC WIDE LANE LINE	L.F.	215
39	8-22.5	STD	PLASTIC CROSSWALK LINE	S.F.	1,310
40	8-22.5	STD	PLASTIC STOP LINE	L.F.	205
41	8-22.5	STD	PLASTIC TRAFFIC ARROW	EACH	4
42	8-21.5	STD	PERMANENT SIGNING	L.S.	1
43	8-23.5	STD	TEMPORARY PAVEMENT MARKING-SHORT DURATION	L.F.	655
44	8-20.5	STD	ILLUMINATION SYSTEM	L.S.	1
45	1-10.5	STD	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.	1

OTHER ITEMS					
46	7-05.5	STD	ADJUST MANHOLE	EACH	18
47	7-05.5	STD	ADJUST CATCH BASIN	EACH	4
48	7-05.5	SP	ADJUST VALVE BOX	EACH	17
49	7-05.5	SP	ADJUST METER BOX	EACH	18
50	7-05.5	SP	LOCKING SOLID METAL COVER AND FRAME FOR CATCH BASIN	EACH	3
51	1-08.3(5)	GSP	TYPE B PROGRESS SCHEDULE	L.S.	1
52	2-09.5	STD	SHORING OR EXTRA EXCAVATION CLASS B	S.F.	20,220
53	1-05.4	GSP	ROADWAY SURVEYING	L.S.	1
54	1-05.4	GSP	ADA FEATURES SURVEYING	L.S.	1
55	8-14.5	STD	CEMENT CONC. SIDEWALK	S.Y.	696
56	8-14.5	STD	MONOLITHIC CEMENT CONC. CURB AND SIDEWALK	S.Y.	3,285
57	8-14.5	STD	CEMENT CONC. CURB RAMP TYPE PARALLEL	EACH	15
58	8-14.5	STD	CEMENT CONC. CURB RAMP TYPE PERPENDICULAR	EACH	6
59	8-14.5	STD	CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION	EACH	9
60	8-06.5	STD	CEMENT CONC. DRIVEWAY ENTRANCE TYPE 1	S.Y.	135
61	8-06.5	STD	CEMENT CONC. DRIVEWAY ENTRANCE TYPE 3	S.Y.	1,700
62	7-05.5	STD	CONNECTION TO DRAINAGE STRUCTURE	EACH	3
63	7-05.5	SP	CONNECTION TO EXISTING PIPE	EACH	3
64	8-01.5	SP	UTILITY SERVICE SLEEVING	EACH	41
65	1-05.18	SP	RECORD DRAWING	L.S.	1
66	1-07.17 (5)	SP	FORCE ACCOUNT - POLE HOLDING	EST.	20,000
67	2-03.5	SP	UTILITY POTHOLING	EACH	48
68	7-05.5	SP	ABANDON EXISTING CATCH BASIN	EACH	11
69	2-01.5	STD	ROADSIDE CLEANUP	EST.	10,000
70	8-18.5	STD	MAIL BOX SUPPORT TYPE 1	EACH	32
71	8-18.5	STD	MAIL BOX SUPPORT TYPE 2	EACH	2
72	1-04.4(1)	STD	MINOR CHANGE	EST.	15,000
73	1-07-15(1)	STD	SPCC	L.S.	1

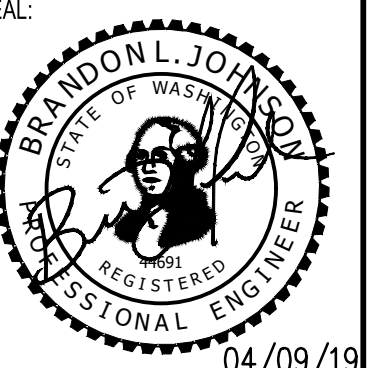
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	RIGHT-OF-WAY (R/W)		PROPOSED STORM SEWER PIPE
	PROPERTY LINE		PROPOSED WATER MAIN
	CONSTRUCTION CENTERLINE		PROPOSED POWER CONDUIT
	EXISTING CONTOUR MAJOR		PROPOSED SIDEWALK
	EXISTING CONTOUR MINOR		PROPOSED CURB
	EXISTING SIDEWALK		PROPOSED EDGE OF ASPHALT
	EXISTING CURB		PROPOSED HYDRANT
	EXISTING EDGE OF ASPHALT		PROPOSED WATER VALVE
	EXISTING EDGE DRIVEWAY		PROPOSED WATER METER
	EXISTING FENCE		PROPOSED THRUST BLOCK
	EXISTING BUILDING		PROPOSED TEE
	EXISTING WATER LINE		PROPOSED CATCH BASIN TYPE PVC
	EXISTING SANITARY SEWER		PROPOSED CATCH BASIN TYPE 1
	EXISTING STORM SEWER		PROPOSED CATCH BASIN TYPE 2
	EXISTING GAS		PROPOSED CURB INLET
	EXISTING OVERHEAD POWER		PROPOSED DETECTABLE WARNING STRIP
	EXISTING UNDERGROUND TELEPHONE		PROPOSED LUMINARIE
	EXISTING UNDERGROUND FIBER OPTICS		PROPOSED JUNCTION BOX (J-BOX)
	EXISTING CATCH BASIN TYPE 1		PROPOSED SERVICE CABINET
	EXISTING CATCH BASIN TYPE 2		PROPOSED SIGN
	EXISTING HYDRANT		BIORETENTION AREA
	EXISTING WATER VALVE		HMA CL. 1/2 IN. PG 58-22
	EXISTING WATER METER		PLANING AND OVERLAY HMA CL. 1/2 IN. PG 58-22
	EXISTING WATER FAUCET		CEMENT CONC. SIDEWALK (S/W)
	EXISTING SANITARY SEWER MANHOLE		MONOLITHIC CEMENT CONC. CURB AND SIDEWALK (MCCCS)
	EXISTING SEWER CLEANOUT		
	EXISTING POWER POLE		
	EXISTING JUNCTION BOX		
	EXISTING JUNCTION BOX		
	EXISTING JUNCTION BOX		
	EXISTING GUY WIRE		
	EXISTING POWER VAULT		
	EXISTING GAS METER		
	EXISTING SIGN		
	EXISTING SHRUB		
	EXISTING MAILBOX		
	EXISTING CONIFER TREE		
	EXISTING DECIDUOUS TREE		
	EXISTING STUMP		

BY:					
DATE:					
REVISIONS:					

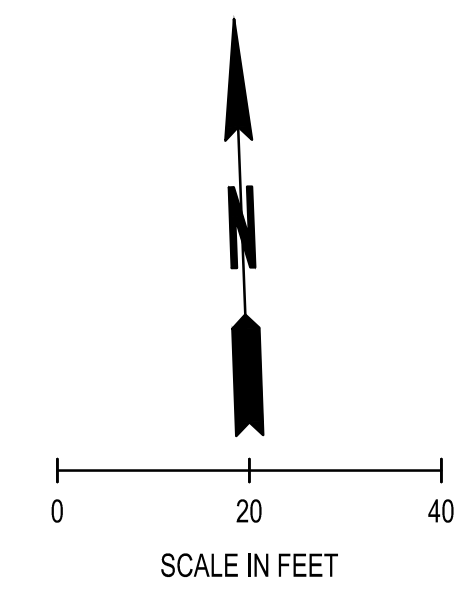
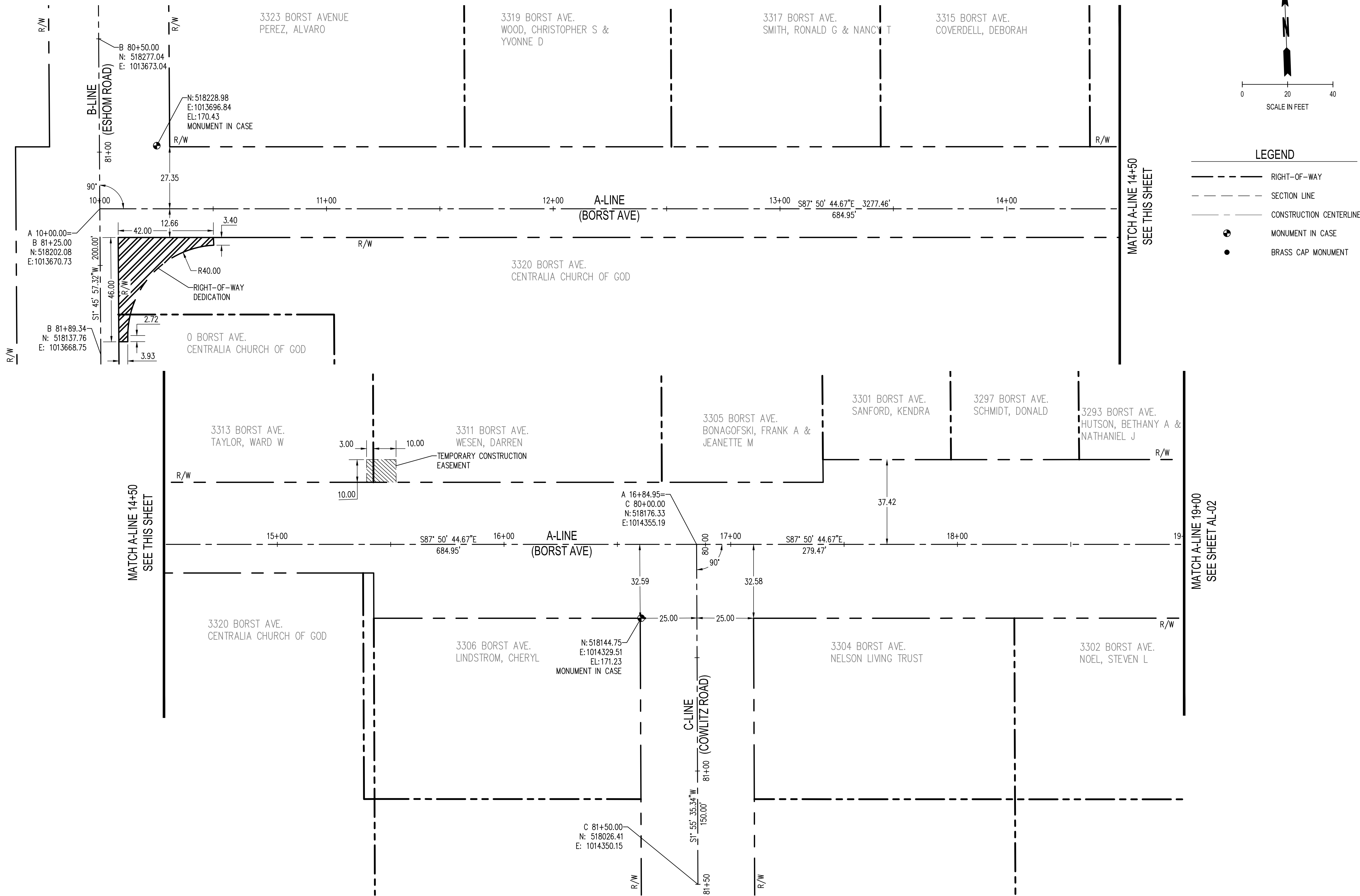
SCJ ALLIANCE
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SHEET TITLE: SUMMARY OF QUANTITIES
PROJECT NAME: BORST AVENUE
CENTRALIA, WA
CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO:	0635.04
DRAWING FILE NO:	0635.04 QT-01
DRAWING NO:	QTY-01
SHEET NO:	2 of 88

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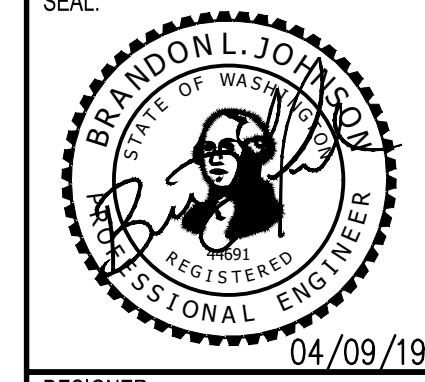
- LEGEND**
- RIGHT-OF-WAY
 - SECTION LINE
 - CONSTRUCTION CENTERLINE
 - MONUMENT IN CASE
 - BRASS CAP MONUMENT

REVISIONS	DATE	BY

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ALIGNMENT PLAN
BORST AVENUE
 CENTRALIA, WA

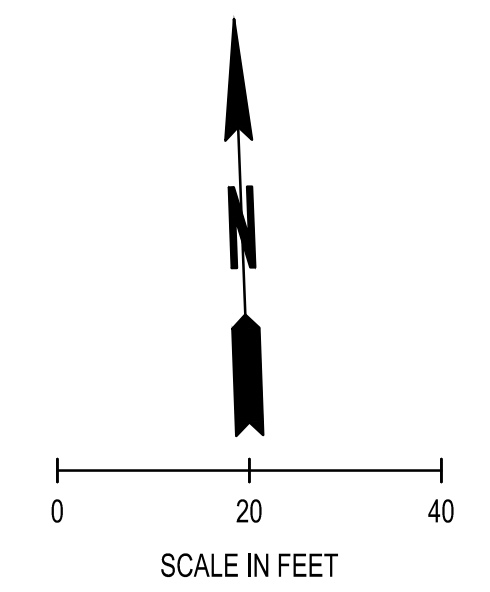
SHEET TITLE: ALIGNMENT PLAN
 PROJECT NAME: BORST AVENUE
 PROJECT NUMBER: CRP 2139



DESIGNER: S. ROWSWELL
 DRAWN BY: M. KNECHT
 APPROVED BY: J. BRANNIN
 DATE: MARCH, 2019
 JOB NO: 0635.04
 DRAWING FILE NO: 0635.04 AL-01
 DRAWING NO: AL-01
 SHEET NO: 3 OF 88

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LEGEND

- RIGHT-OF-WAY
- SECTION LINE
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REVISIONS	DATE	BY

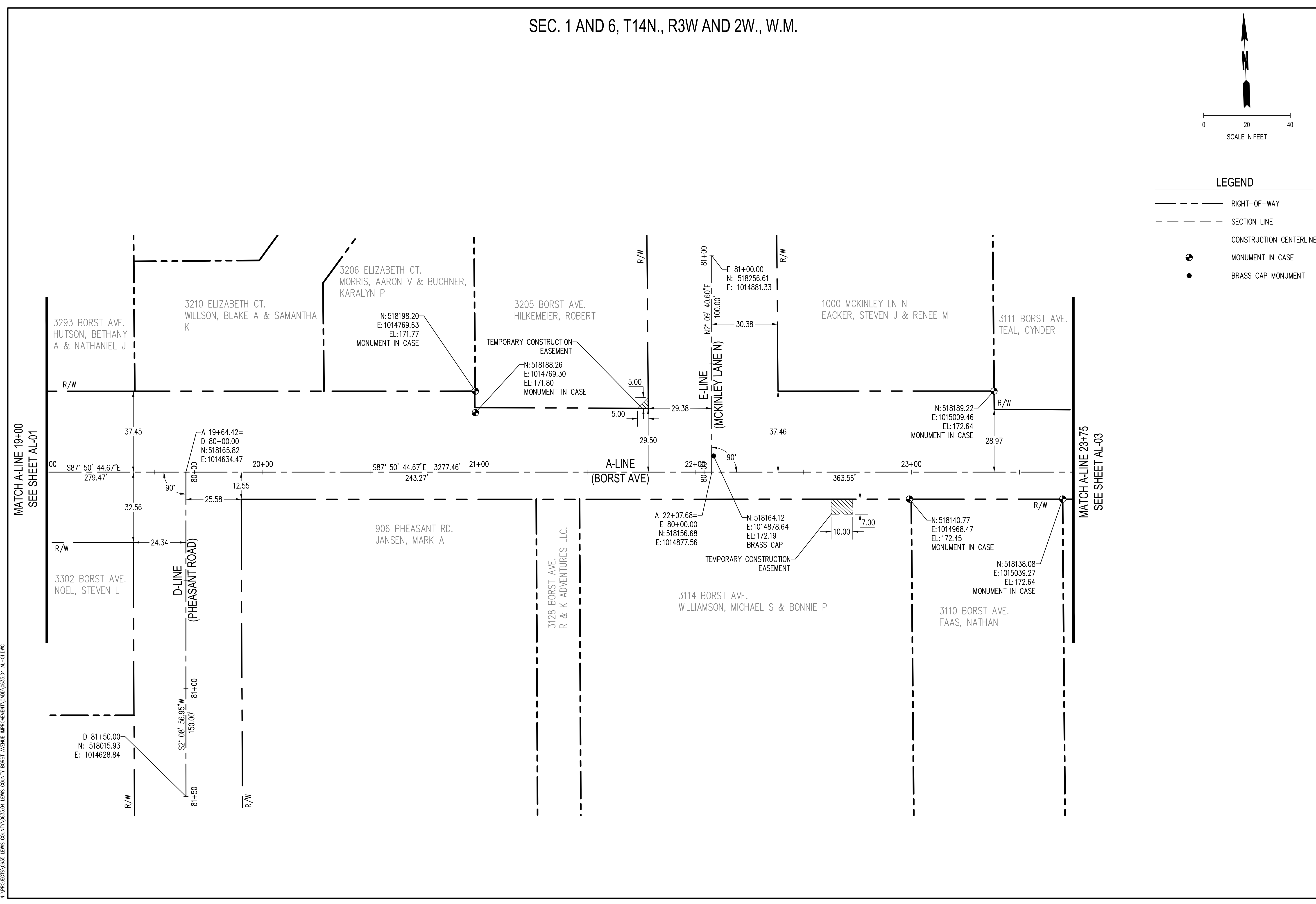
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ALIGNMENT PLAN
BORST AVENUE
CENTRALIA, WA

SHEET TITLE: AL-01
PROJECT NAME: BORST AVENUE
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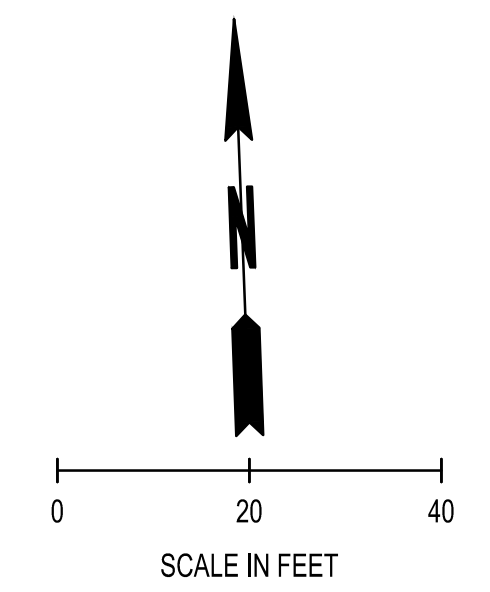
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DESIGNER:	S. ROWSWELL
DRAWN BY:	M. KNECHT
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO:	0635.04
DRAWING FILE NO:	0635.04 AL-01
DRAWING NO:	AL-02
SHEET NO:	4 OF 88



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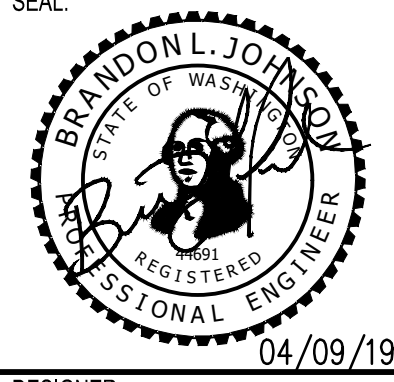
LEGEND

- RIGHT-OF-WAY
- SECTION LINE
- CONSTRUCTION CENTERLINE
- MONUMENT IN CASE
- BRASS CAP MONUMENT

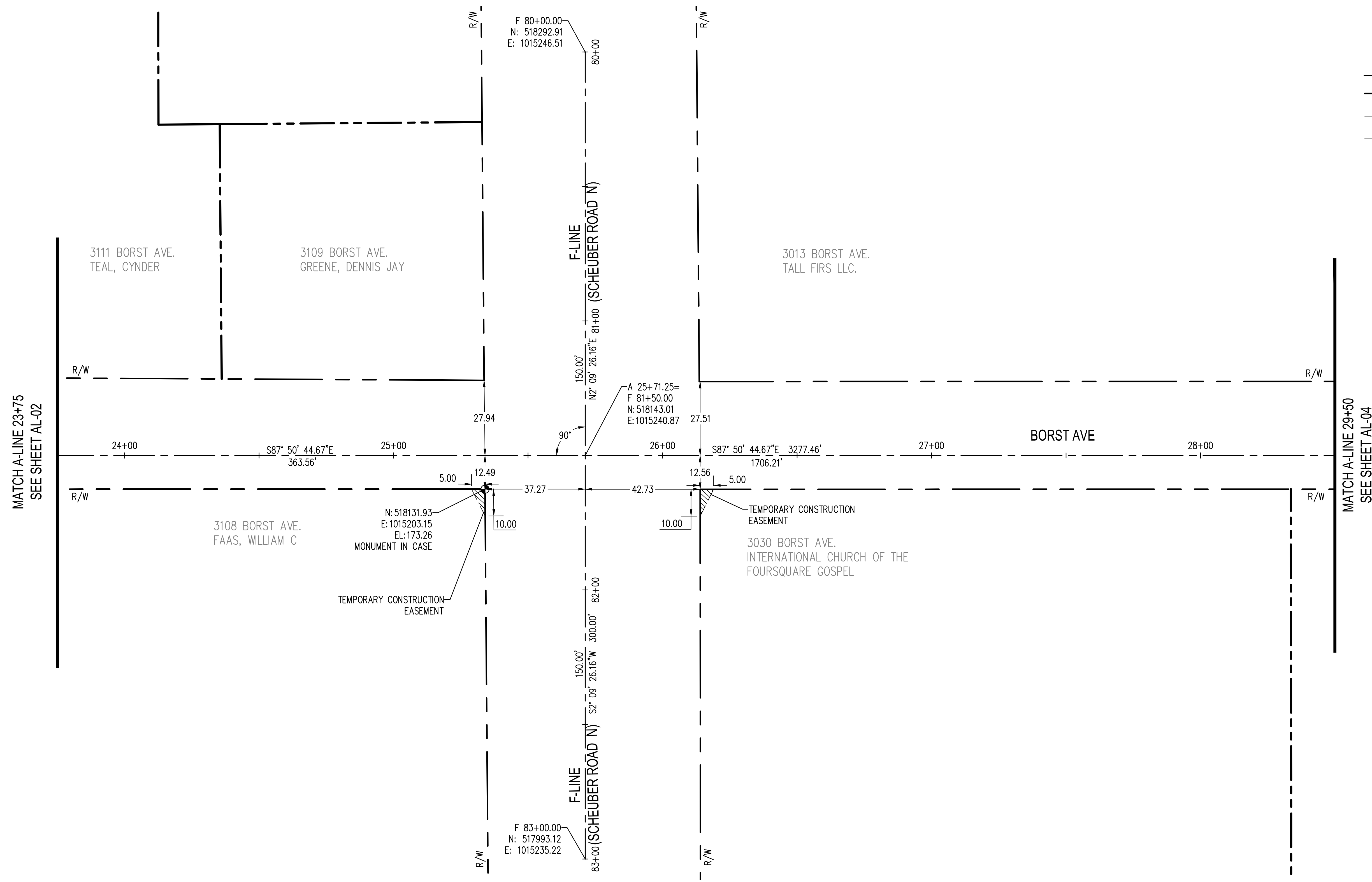
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SHEET TITLE: ALIGNMENT PLAN
 PROJECT NAME: BORST AVENUE
 CENTRALIA, WA
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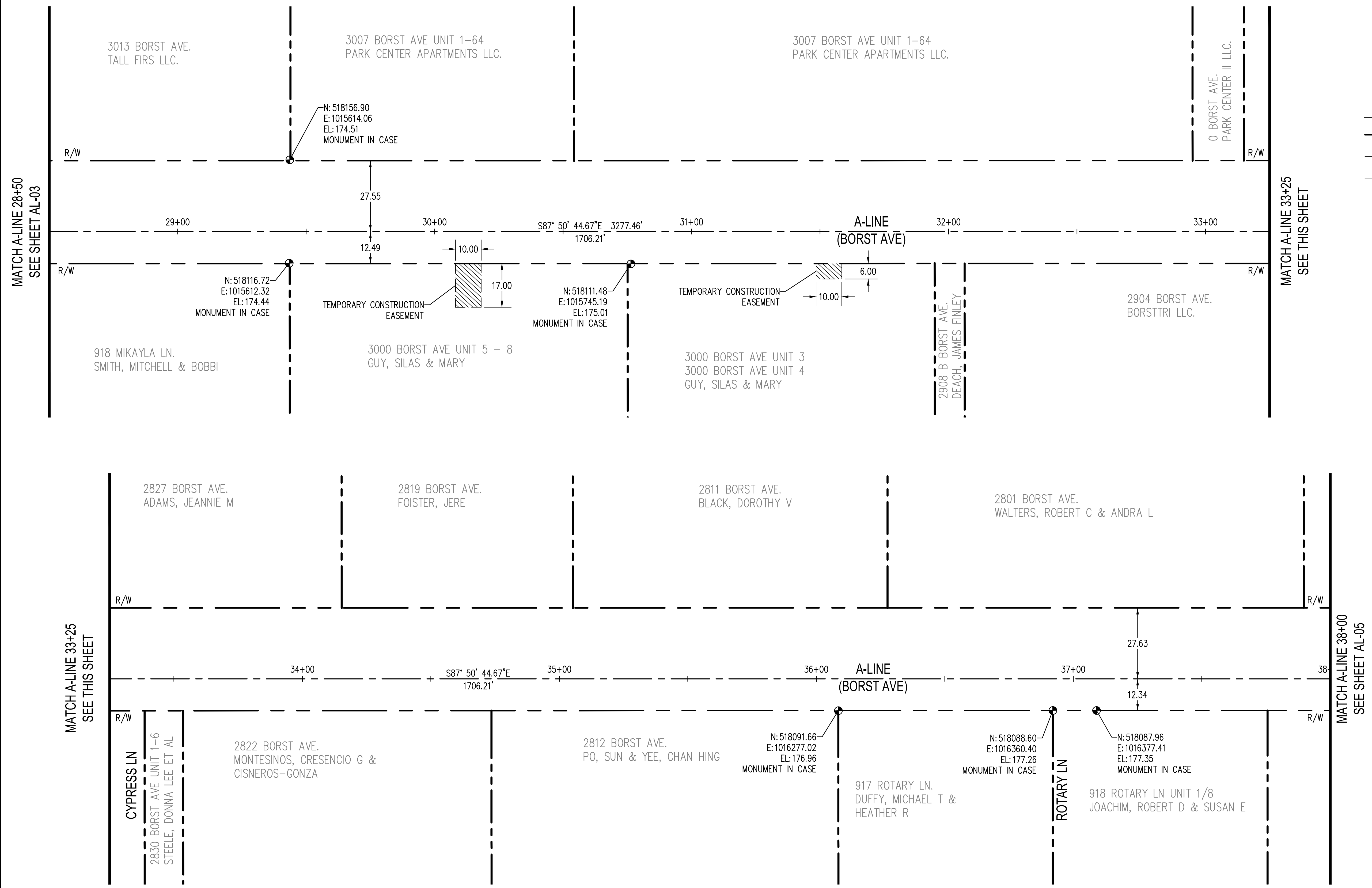
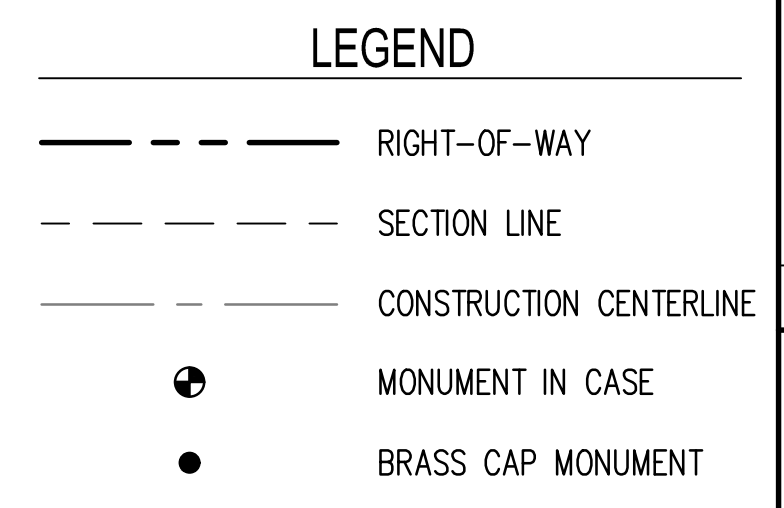
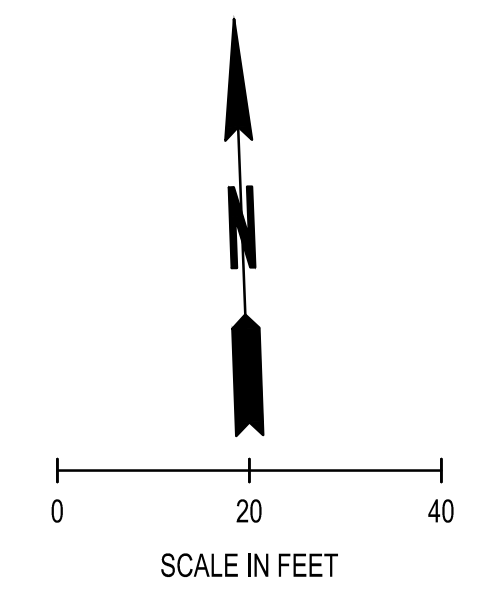


DESIGNER:	S. ROWSWELL
DRAWN BY:	M. KNECHT
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO:	0635.04
DRAWING FILE NO:	0635.04 AL-01
DRAWING NO:	AL-03
SHEET NO:	5 OF 88



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REVISIONS	DATE	BY

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ALIGNMENT PLAN
BORST AVENUE
CENTRALIA, WA

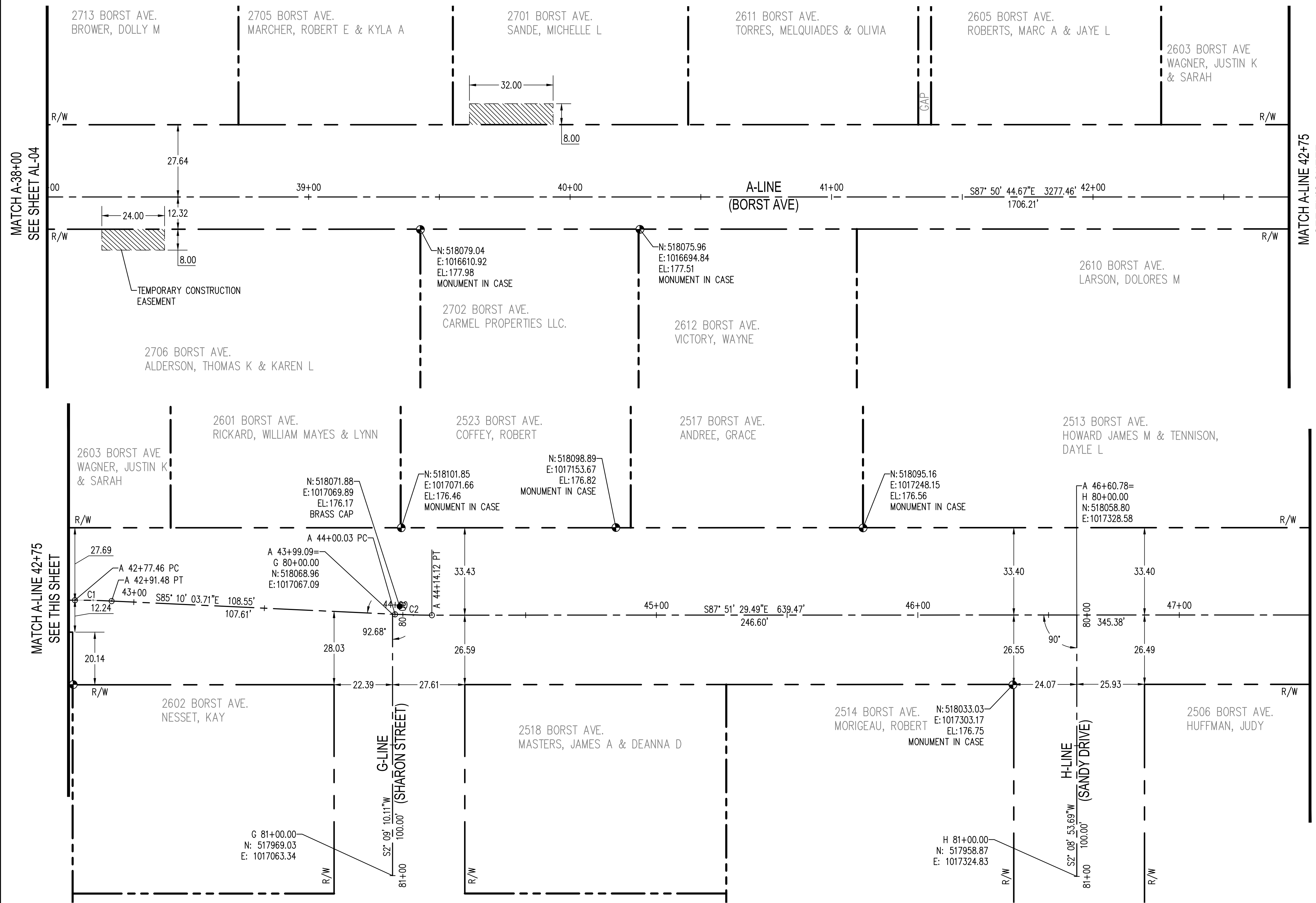
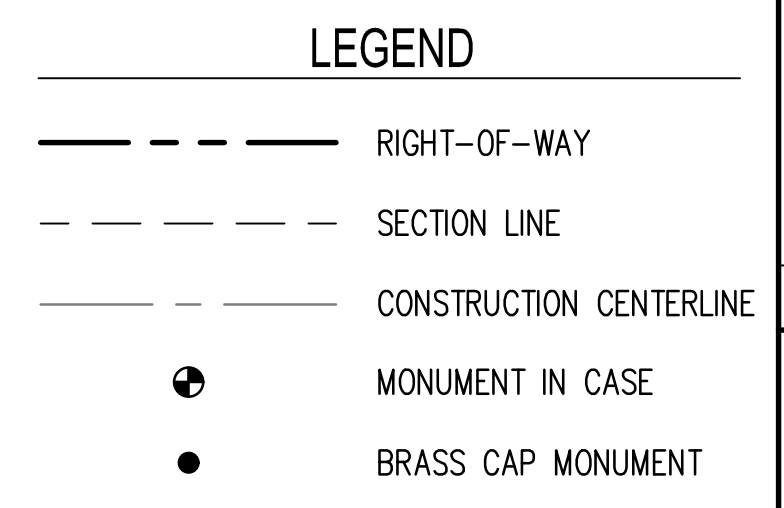
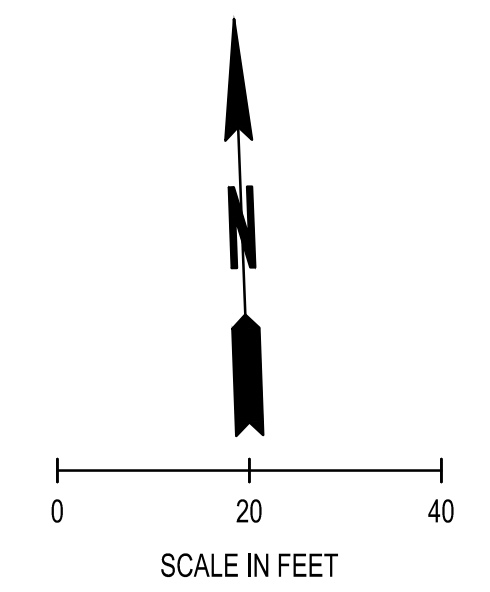
SHEET TITLE: AL-04
PROJECT NAME: BORST AVENUE
CRP: 2139

SEAL:

DESIGNER:	S. ROWSWELL
DRAWN BY:	M. KNECHT
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 AL-01
DRAWING NO.:	AL-04
SHEET NO.:	6 OF 88

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MATCH A-LINE 42+75
SEE THIS SHEET

MATCH A-LINE 47+50
SEE SHEET AL-06

MATCH A-38+00
SEE SHEET AL-04

MATCH A-LINE 42+75
SEE THIS SHEET

CURVE DATA									
CURVE #	ALIGNMENT	P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	P.I. NORTHING	P.I. EASTING	SUPERELEVATION
C1	A	42+84.47	2°40'41"	300.00	7.01	14.02	518078.61	1016952.88	N/A
C2	A	44+07.07	2°41'26"	300.00	7.04	14.09	518068.28	1017075.05	N/A

BY	
DATE	
REVISIONS	

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CONSULTING SERVICES
212 N TOWER AVE., CENTRALIA, WA 98531
P: 360.669.0700 F: 360.352.1509
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ALIGNMENT PLAN
BORST AVENUE
CENTRALIA, WA

SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER:
S. ROWSWELL

DRAWN BY:
M KNECHT

APPROVED BY:
J. BRANNIN

DATE:
MARCH, 2019

JOB NO:
0635.04

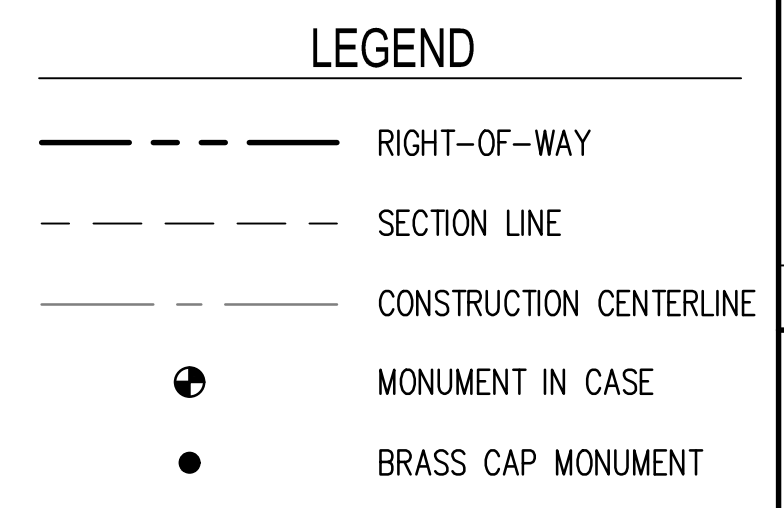
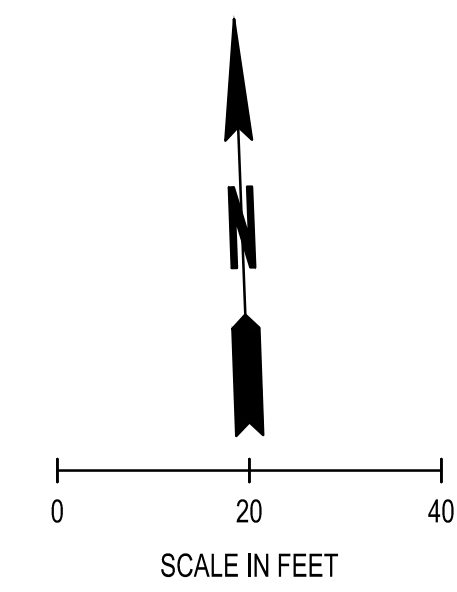
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0635.04 AL-01

DRAWING NO:
AL-05

SHEET NO:
7 OF 88

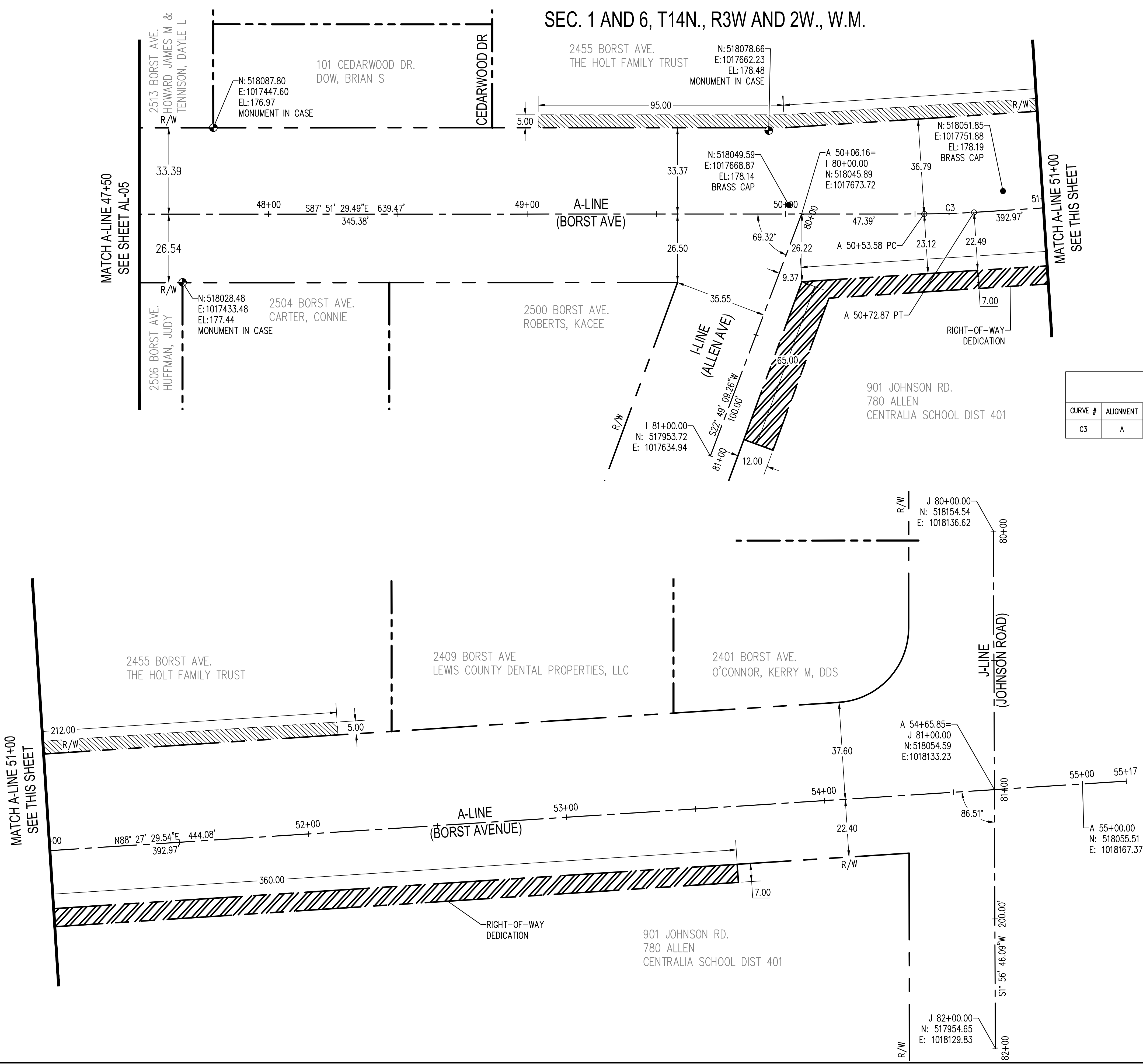
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K:\PROJECTS\0635 LEWIS COUNTY\0635.04 AL-01.DWG

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



CURVE DATA

CURVE #	ALIGNMENT	P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	P.I. NORTHING	P.I. EASTING	SUPERELEVATION
C3	A	50+63.23	3°41'01"	300.00	9.65	19.29	518043.76	1017730.75	N/A

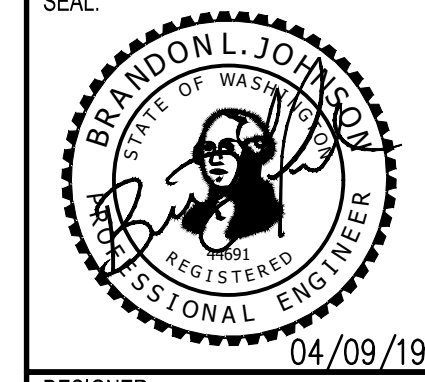


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DATE	
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ALIGNMENT PLAN
BORST AVENUE
 CENTRALIA, WA
 PROJECT TITLE: BORST AVENUE
 PROJECT NAME: BORST AVENUE
 CRP: 2139



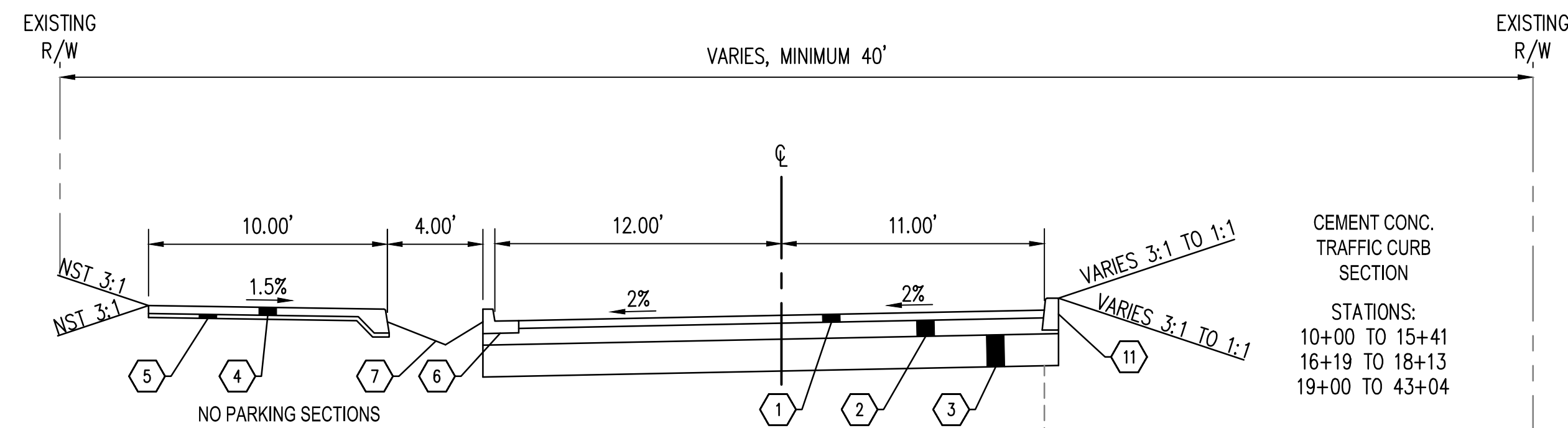
DESIGNER:	S. ROWSWELL
DRAWN BY:	M. KNECHT
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 AL-01
DRAWING NO.:	AL-06
SHEET NO.:	8 OF 88

ROADWAY SECTION KEY NOTES

- ① 0.33' HMA CLASS 1/2 IN. PG 58-22 - PLACED IN 2-0.17' LIFTS
- ② 0.67' CRUSHED SURFACE BASE COURSE (CSBC)
- ③ NATIVE SOIL SHALL BE COMPACTED SUCH AS THE TOP 1.33' MEETS THE REQUIREMENTS IN WSDOT STANDARD SPECIFICATION 2-03.3(3).
- ④ MONOLITHIC CEMENT CONC. CURB AND SIDEWALK (PER WSDOT STANDARD PLAN F-30.10)
- ⑤ 0.17' CRUSHED SURFACE BASE COURSE (CSBC)
- ⑥ CEMENT CONCRETE TRAFFIC CURB AND GUTTER (PER WSDOT STANDARD PLAN F-10.12)
- ⑦ BIORETENTION AREA (PER INFILTRATION TRENCH AND BIORETENTION AREA TYPICAL SECTION DETAIL THIS SHEET)
- ⑧ CEMENT CONC. SIDEWALK (PER WSDOT STANDARD PLAN F-30.10)
- ⑨ PROTECT AND RESTORE EXISTING PLANTER STRIP AND SIDEWALK
- ⑩ PURPOSELY NOT USED
- ⑪ CEMENT CONC. TRAFFIC CURB (PER WSDOT STANDARD PLAN F-10.12)
- ⑫ GRIND AND OVERLAY 0.17' TO 0.33' HMA CLASS 1/2 IN. PG 58-22

NOTES

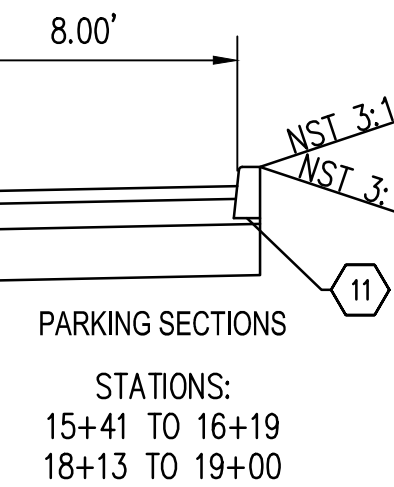
- 1. NST = NO STEEPER THAN
- 2. NTS = NOT TO SCALE
- 3. 10' WIDTH OF MONOLITHIC CURB AND SIDEWALK IS MEASURED FROM FACE OF CURB SHOWN IN WSDOT CURB FACE DETAIL IN STANDARD PLAN F-30.10.



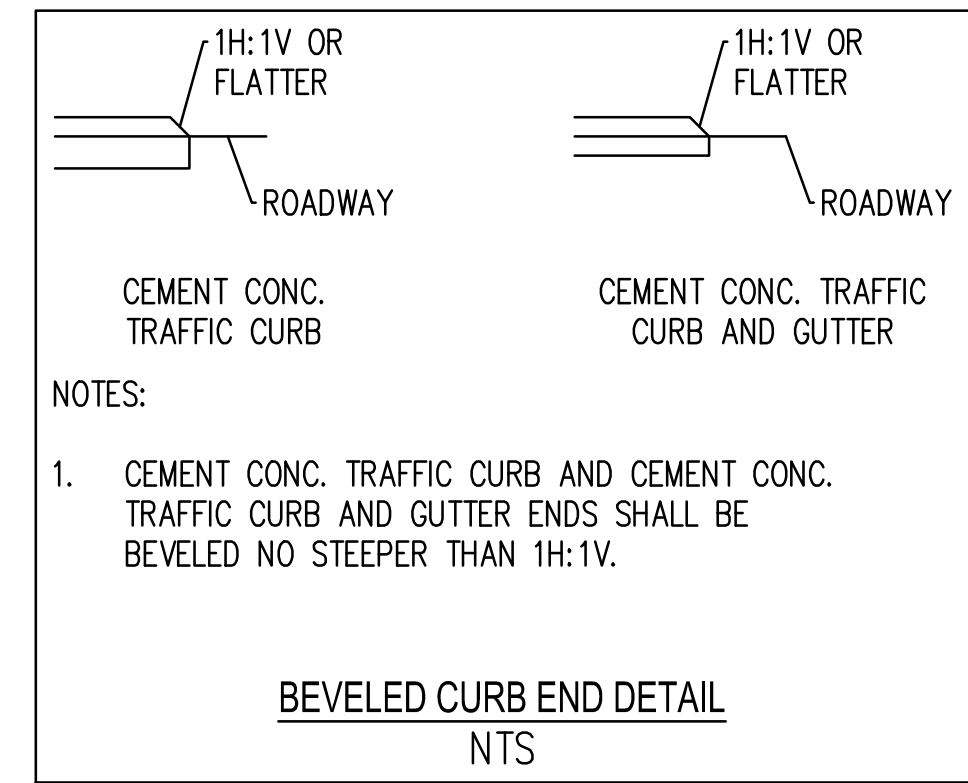
A-LINE PROPOSED ROADWAY SECTION A-A:

ESHOM RD TO SHARON ST
NTS
STA 10+00 TO 43+04

STREET INTERSECTIONS
ESHOM RD
COWLITZ RD
PHEASANT RD
MCKINLEY LN N
SCHEUBER RD N

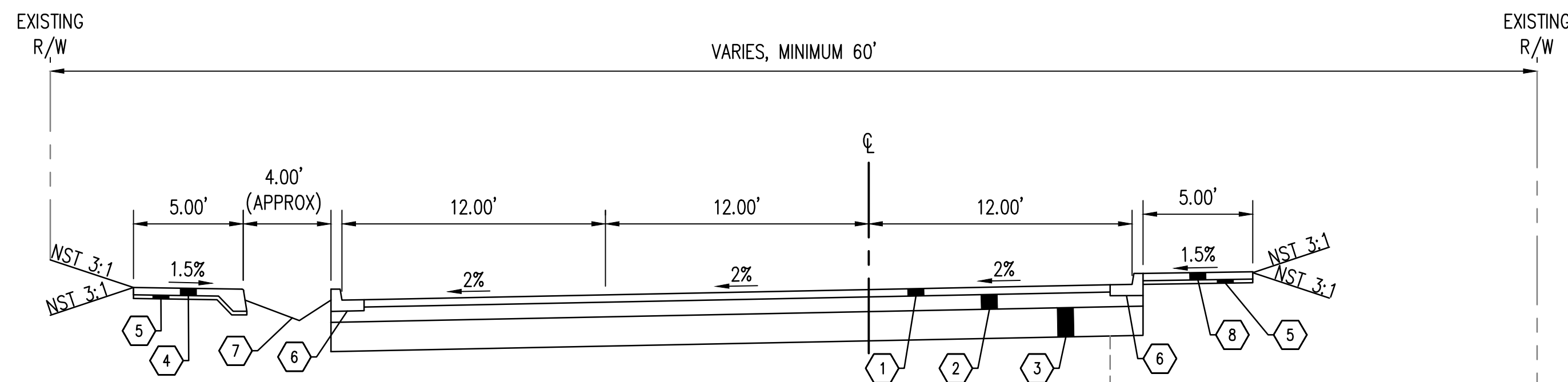
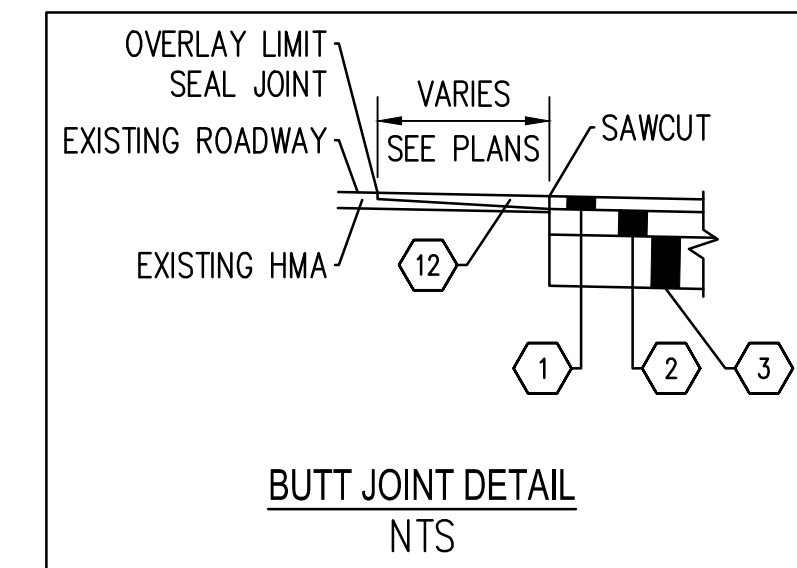


CEMENT CONC. TRAFFIC CURB SECTION
STATIONS:
10+00 TO 15+41
16+19 TO 18+13
19+00 TO 43+04



NOTES:

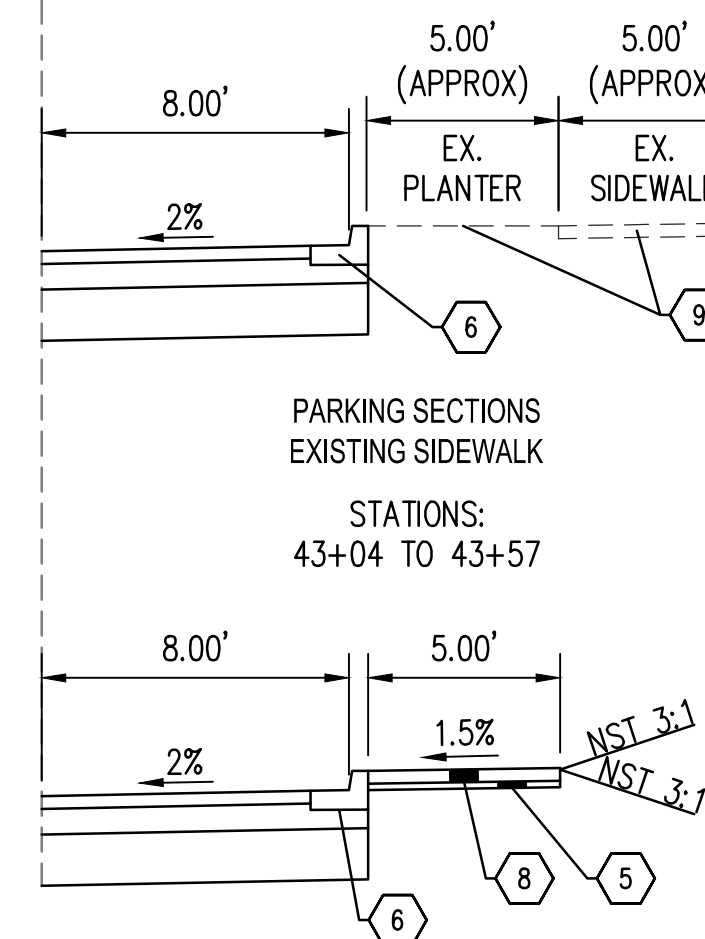
- 1. CEMENT CONC. TRAFFIC CURB AND CEMENT CONC. TRAFFIC CURB AND GUTTER ENDS SHALL BE BEVELED NO STEEPER THAN 1H:1V.



A-LINE PROPOSED ROADWAY SECTION B-B:

SHARON ST TO JOHNSON ROAD
NTS
STA 43+04 TO 54+30

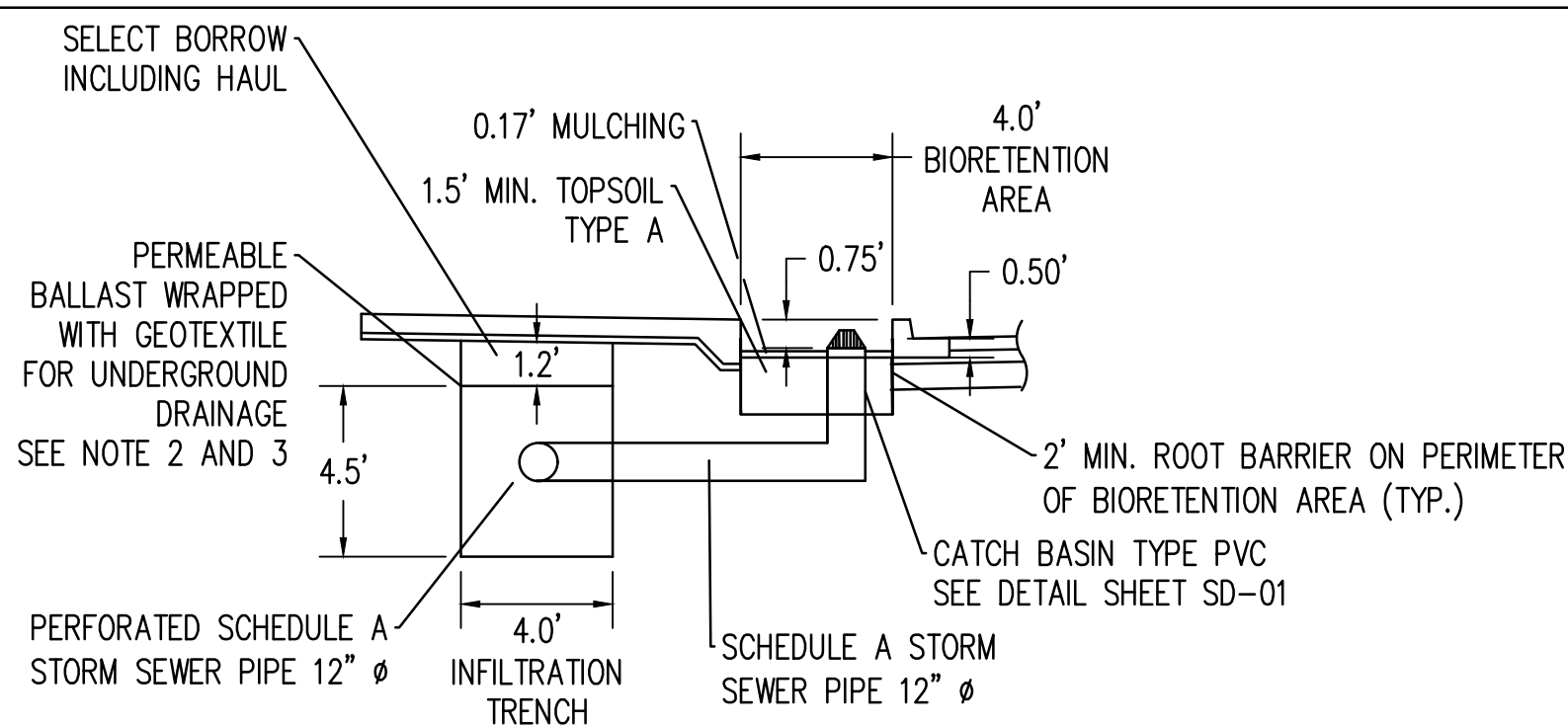
STREET INTERSECTIONS
SHARON ST
SANDY DR
ALLEN AVE
JOHNSON RD



NO PARKING SECTIONS
STATIONS:
43+57 TO 44+50
46+13 TO 47+14
49+49 TO 50+56
53+72 TO 54+30

PARKING SECTIONS EXISTING SIDEWALK
STATIONS:
43+04 TO 43+57

PARKING SECTIONS
STATIONS:
44+50 TO 46+13
47+14 TO 49+49
50+56 TO 53+72



NOTES:

- 1. BOTTOM OF DOME FOR CATCH BASIN TYPE PVC IS 0.25' ABOVE TOP OF TOPSOIL TYPE A, AND 0.08' ABOVE THE MULCH.
- 2. GEOTEXTILE FOR UNDERGROUND DRAINAGE SHALL BE MODERATE SURVIVABILITY WOVEN CLASS A WATER PERMITTIVITY, SEE WSDOT STD SPEC 9-33.
- 3. GEOTEXTILE FOR UNDERGROUND DRAINAGE SHALL WRAP AROUND ALL 4 SIDES OF THE INFILTRATION TRENCH, SEE WSDOT STD SPEC 2-12.

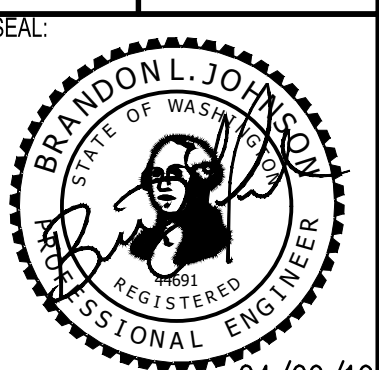
INFILTRATION TRENCH AND BIORETENTION AREA TYPICAL SECTION DETAIL
NTS

BY	
DATE	
REVISIONS	

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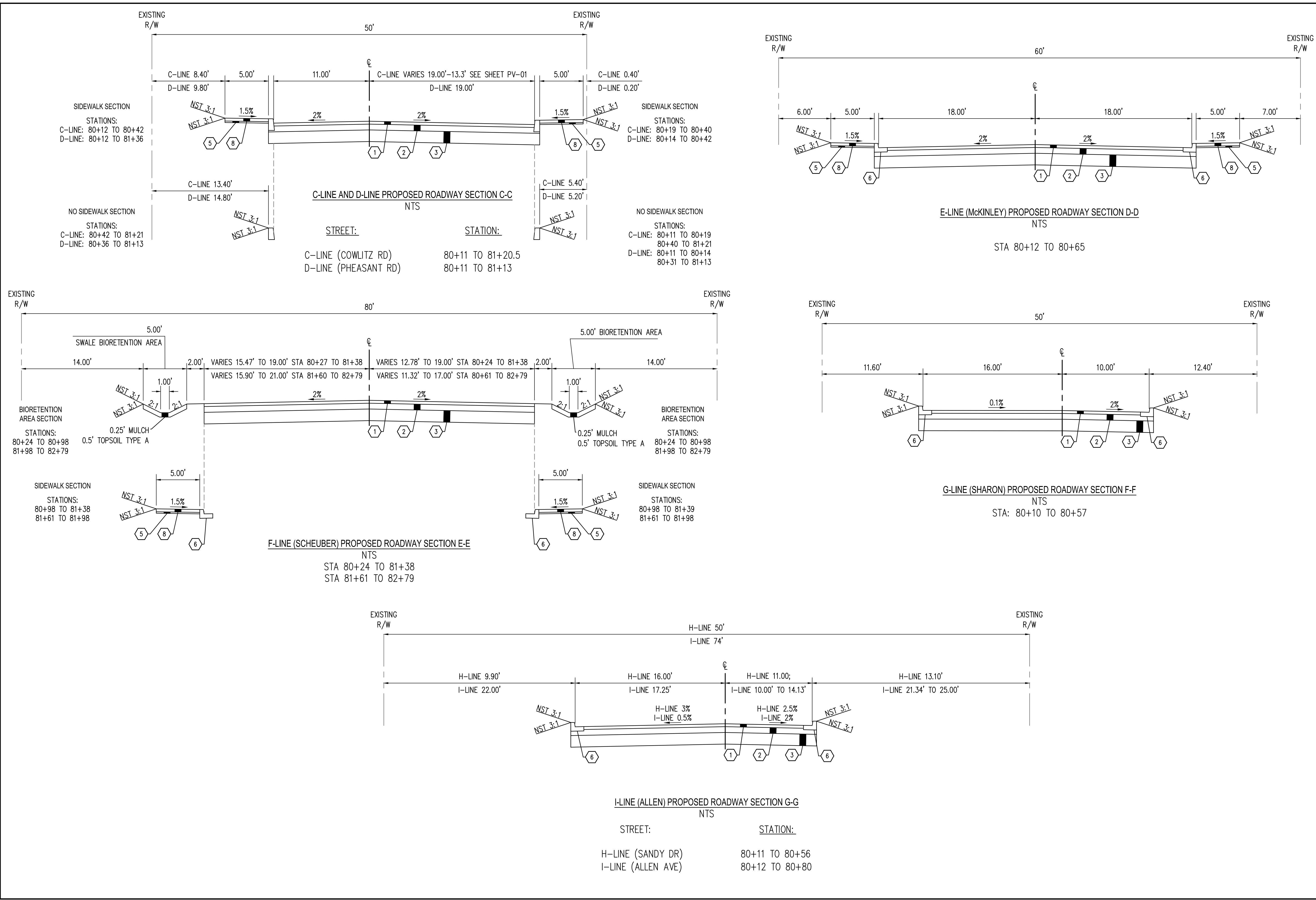
TYPICAL SECTIONS
BORST AVENUE
CENTRALIA, WA

SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04.XS-01
DRAWING NO: XS-01
SHEET NO: 9 OF 88

Apr 09, 2019 8:52:58am - User: jshubert
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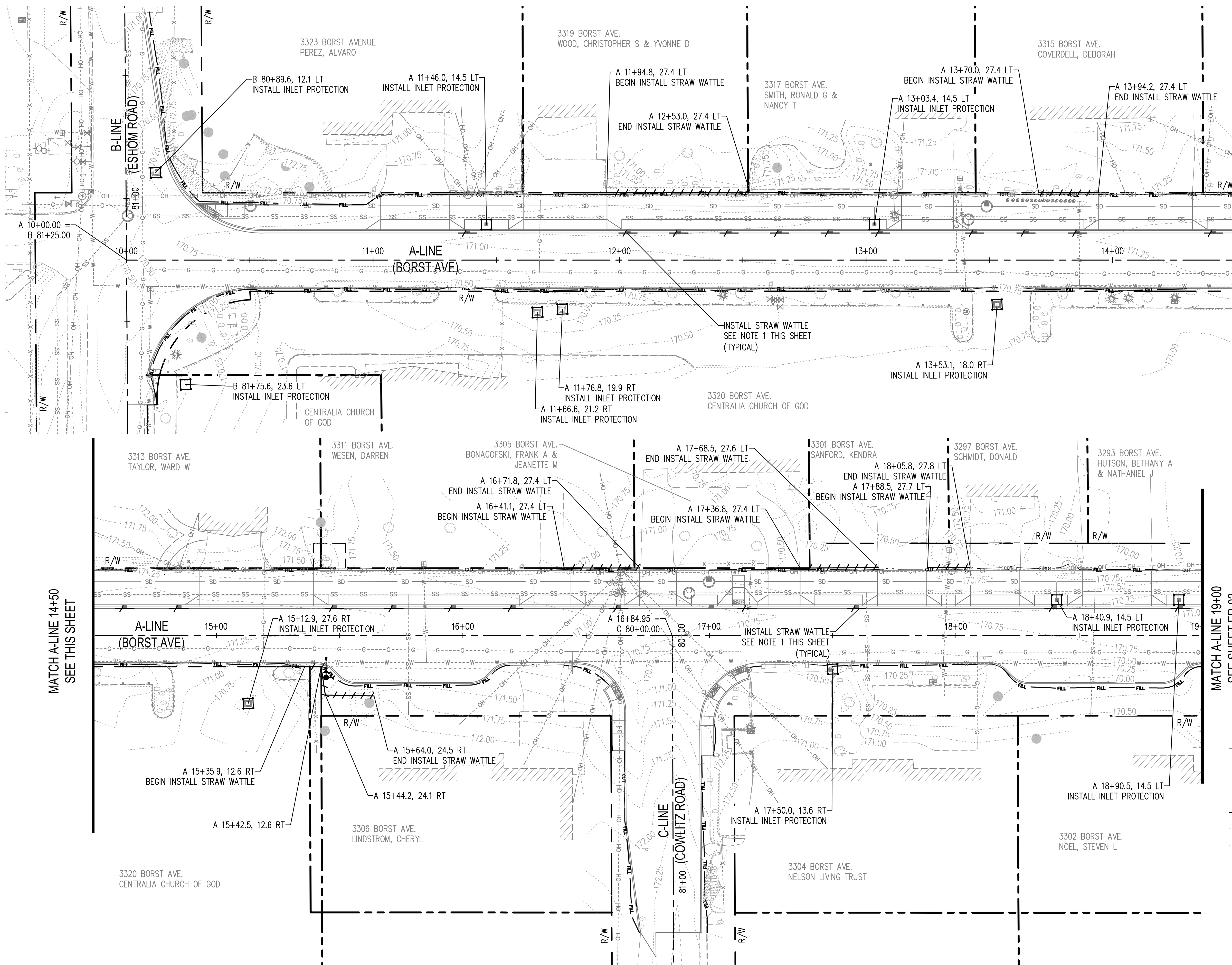
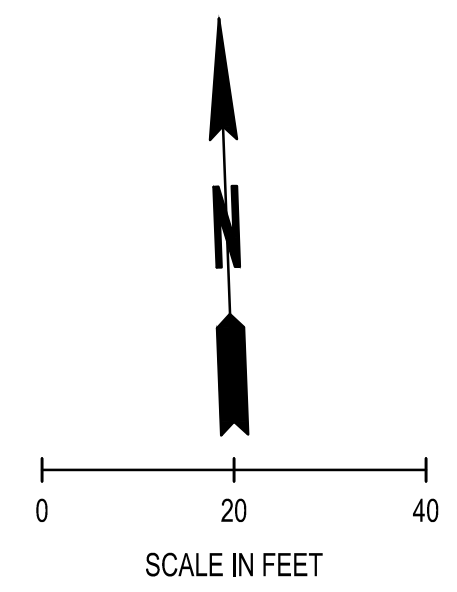
TYPICAL SECTIONS
BORST AVENUE
 CENTRALIA, WA

SHEET TITLE: PROJECT NAME: CRP 2139

SEAL:

DESIGNER: S. ROWSWELL
 DRAWN BY: S. ROWSWELL
 APPROVED BY: J. BRANNIN
 DATE: MARCH, 2019
 JOB NO: 0635.04
 DRAWING FILE NO: 0635.04 XS-01
 DRAWING NO: XS-02
 SHEET NO: 10 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



MATCH A-LINE 14+50
SEE THIS SHEET

MATCH A-LINE 14+50
SEE THIS SHEET

MATCH A-LINE 19+00
SEE SHEET ER-02

LEGEND

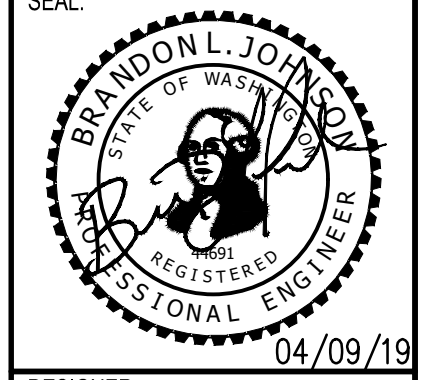
	INLET PROTECTION, SEE WSDOT STD PLAN I-40.20
	STRAW WATTLE, SEE WSDOT STD PLAN I-30.30
	CUT LINE
	FILL LINE
	EXISTING CONTOUR MAJOR
	EXISTING CONTOUR MINOR

- EROSION CONTROL NOTES:**
1. PLACE STRAW WATTLE ON INLET SIDE OF CURB INLET SEE DETAIL SHEET ED-01.
 2. INSTALL AND STAKE STRAW WATTLE PER WSDOT STD PLAN I-30.30

REVISIONS	DATE	BY

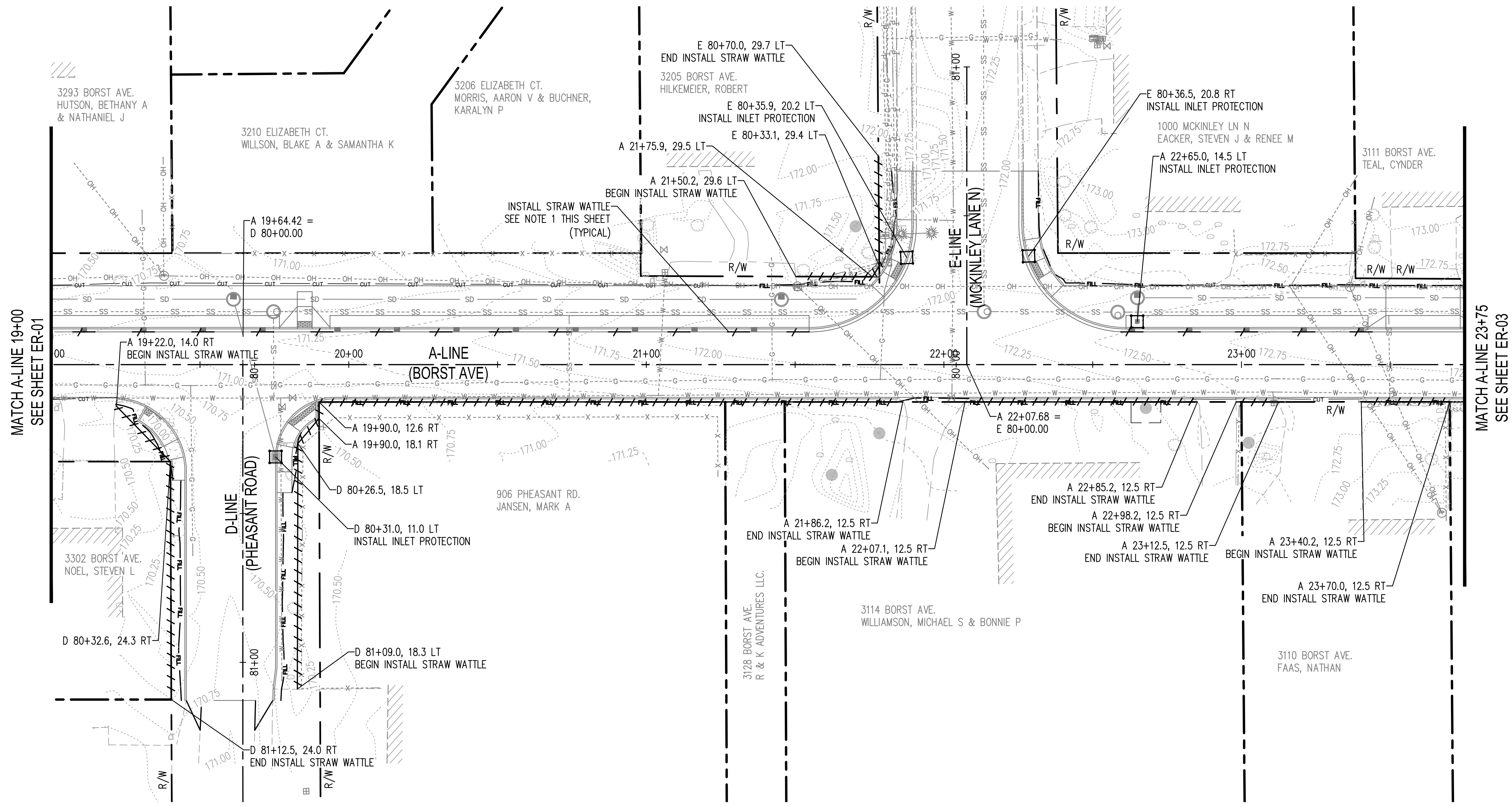
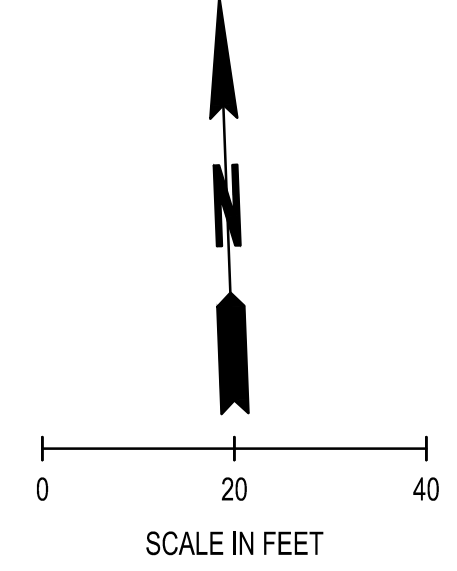
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CONSULTING SERVICES
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SHEET TITLE: **EROSION AND SEDIMENT CONTROL PLAN**
PROJECT NAME: **BORST AVENUE**
CENTRALIA, WA
CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO:	0635.04
DRAWING FILE NO:	0635.04 ER-01
DRAWING NO:	ER-01
SHEET NO:	11 of 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



MATCH A-LINE 19+00
SEE SHEET ER-01

MATCH A-LINE 23+75
SEE SHEET ER-03

LEGEND

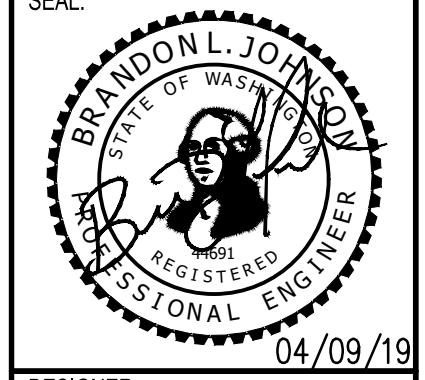
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	STRAW WATTLE, SEE WSDOT STD PLAN I-30.30
	CUT LINE
	FILL LINE
	EXISTING CONTOUR MAJOR
	EXISTING CONTOUR MINOR

- EROSION CONTROL NOTES:**
1. PLACE STRAW WATTLE ON INLET SIDE OF CURB INLET SEE DETAIL SHEET ED-01.
 2. INSTALL AND STAKE STRAW WATTLE PER WSDOT STD PLAN I-30.30

BY:	
DATE:	
REVISIONS:	

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CONSULTING SERVICES
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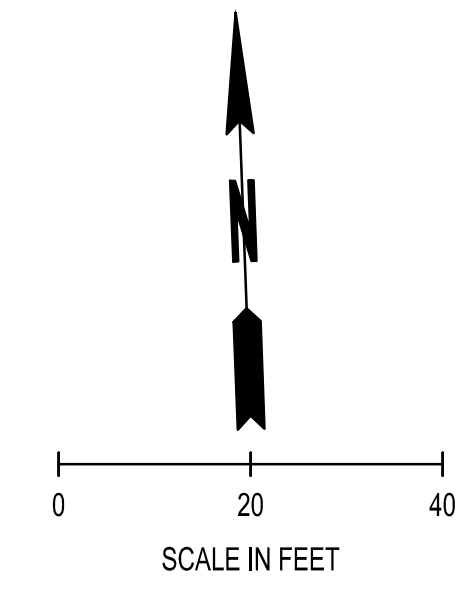
SHEET TITLE: **EROSION AND SEDIMENT CONTROL PLAN**
PROJECT NAME: **BORST AVENUE**
CENTRALIA, WA
CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO:	0635.04
DRAWING FILE NO:	0635.04 ER-01
DRAWING NO:	ER-02
SHEET NO:	12 of 88

Apr 09, 2019 8:54:22am User: jpbh.brannin
N:\PROJECTS\0635_LEWIS COUNTY\0635.04_LEWIS COUNTY BORST AVENUE IMPROVEMENT\CAAD\0635.04_ER-01.DWG

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



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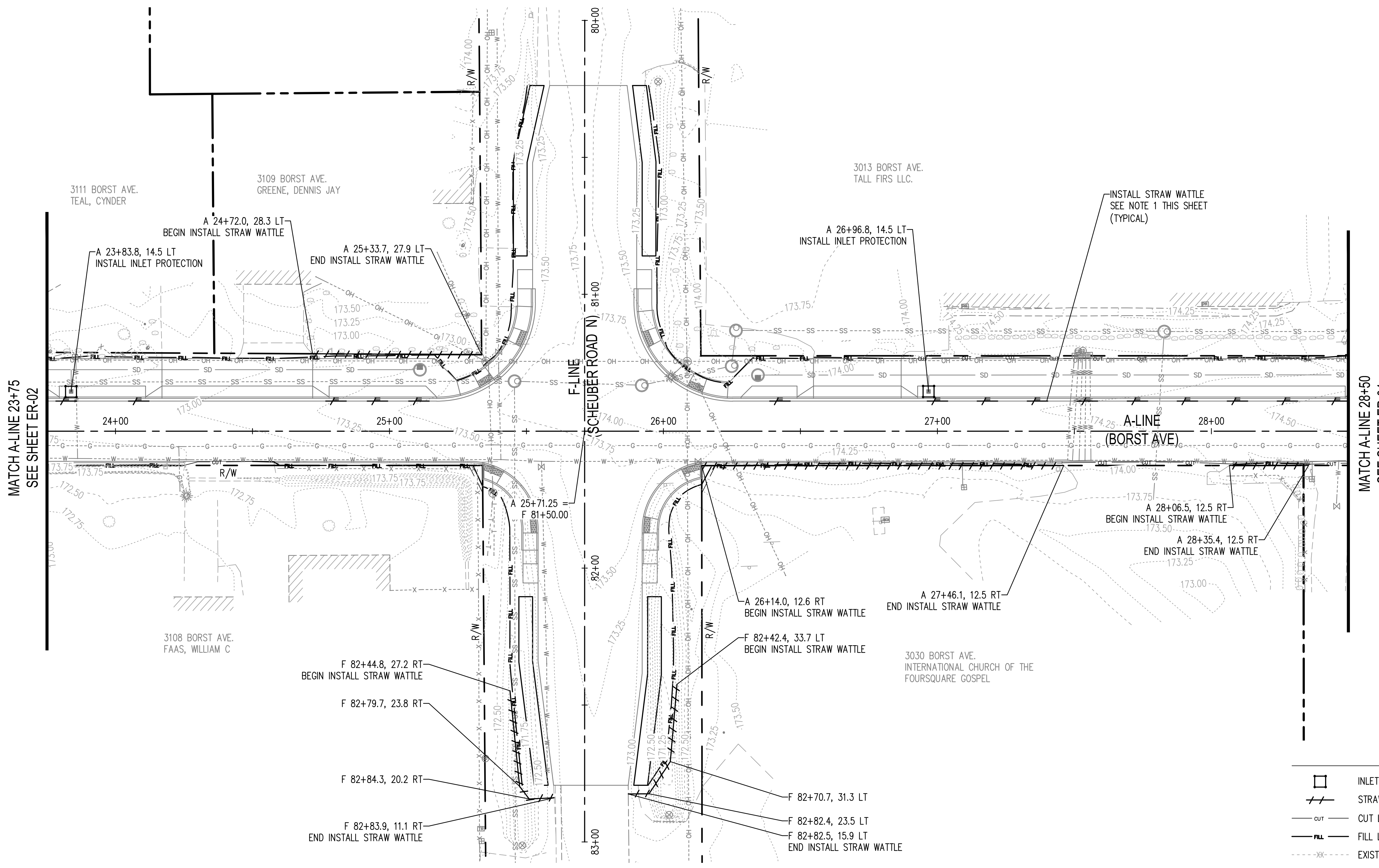
SHEET TITLE: **EROSION AND SEDIMENT CONTROL PLAN**

PROJECT NAME: **BORST AVENUE**
CENTRALIA, WA

CRP 2139

SEAL:

DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 ER-01
DRAWING NO: **ER-03**
SHEET NO: 13 OF 88



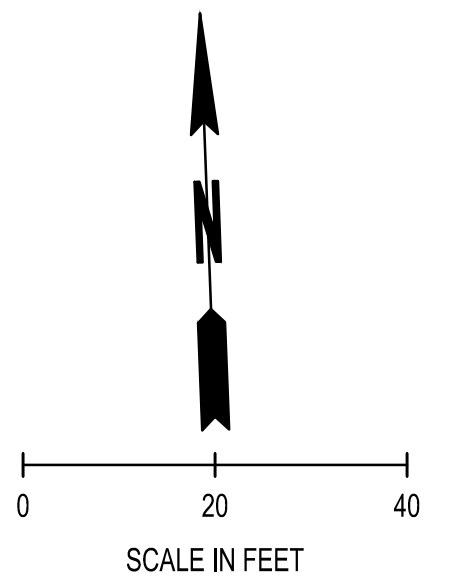
LEGEND

	INLET PROTECTION, SEE WSDOT STD PLAN I-40.20
	STRAW WATTLE, SEE WSDOT STD PLAN I-30.30
	CUT LINE
	FILL LINE
	EXISTING CONTOUR MAJOR
	EXISTING CONTOUR MINOR

- EROSION CONTROL NOTES:**
1. PLACE STRAW WATTLE ON INLET SIDE OF CURB INLET SEE DETAIL SHEET ED-01.
 2. INSTALL AND STAKE STRAW WATTLE PER WSDOT STD PLAN I-30.30

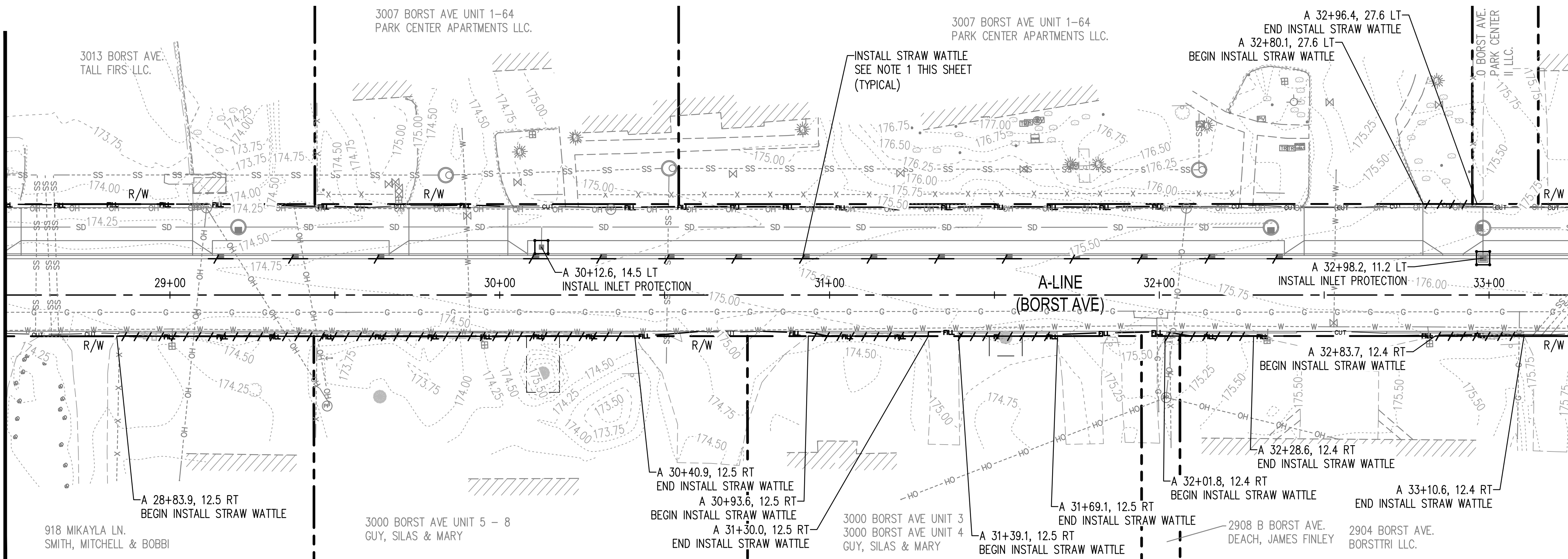
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SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



MATCH A-LINE 28+50
SEE SHEET ER-03

MATCH A-LINE 33+25
SEE THIS SHEET



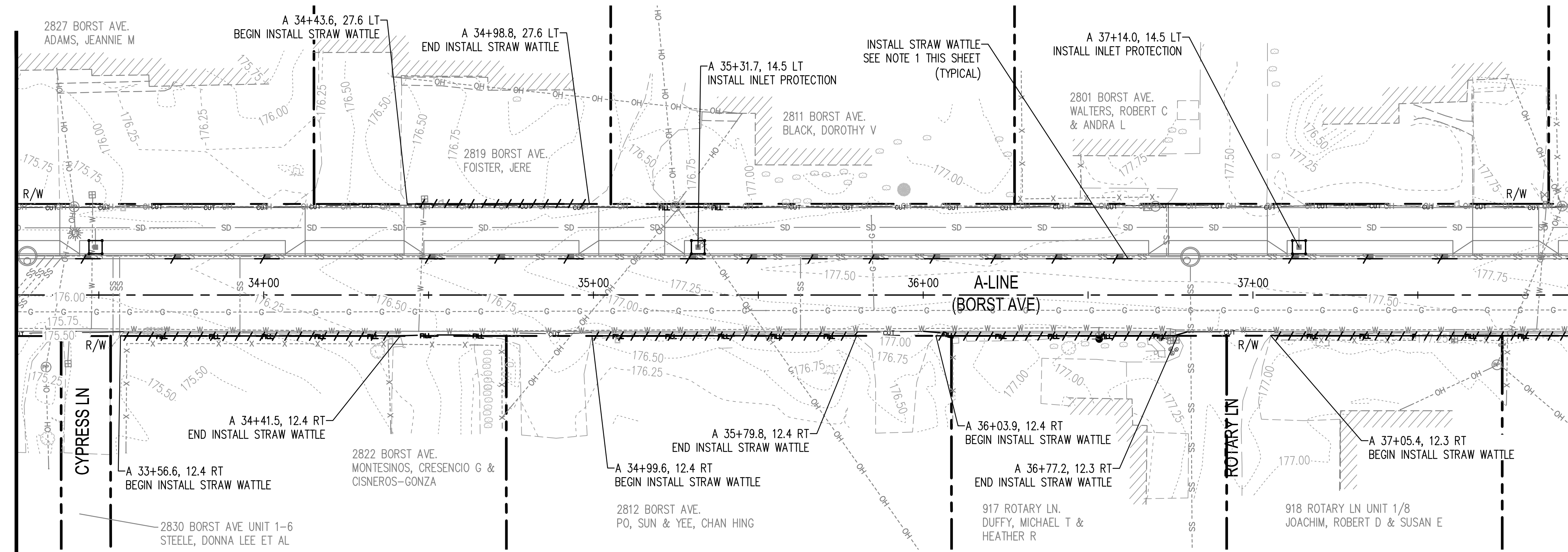
LEGEND

- INLET PROTECTION, SEE WSDOT STD PLAN I-40.20
- STRAW WATTLE, SEE WSDOT STD PLAN I-30.30
- CUT LINE
- FILL LINE
- EXISTING CONTOUR MAJOR
- EXISTING CONTOUR MINOR

- EROSION CONTROL NOTES:**
- PLACE STRAW WATTLE ON INLET SIDE OF CURB INLET SEE DETAIL SHEET ED-01.
 - INSTALL AND STAKE STRAW WATTLE PER WSDOT STD PLAN I-30.30

MATCH A-LINE 33+25
SEE THIS SHEET

MATCH A-LINE 38+00
SEE SHEET ER-05



Apr 09, 2019 8:55:09am - User: jrbh.braninn
N:\PROJECTS\0635.04 LEWIS COUNTY BORST AVENUE IMPROVEMENT\CADD\0635.04 ER-01.DWG

REVISIONS	DATE	BY

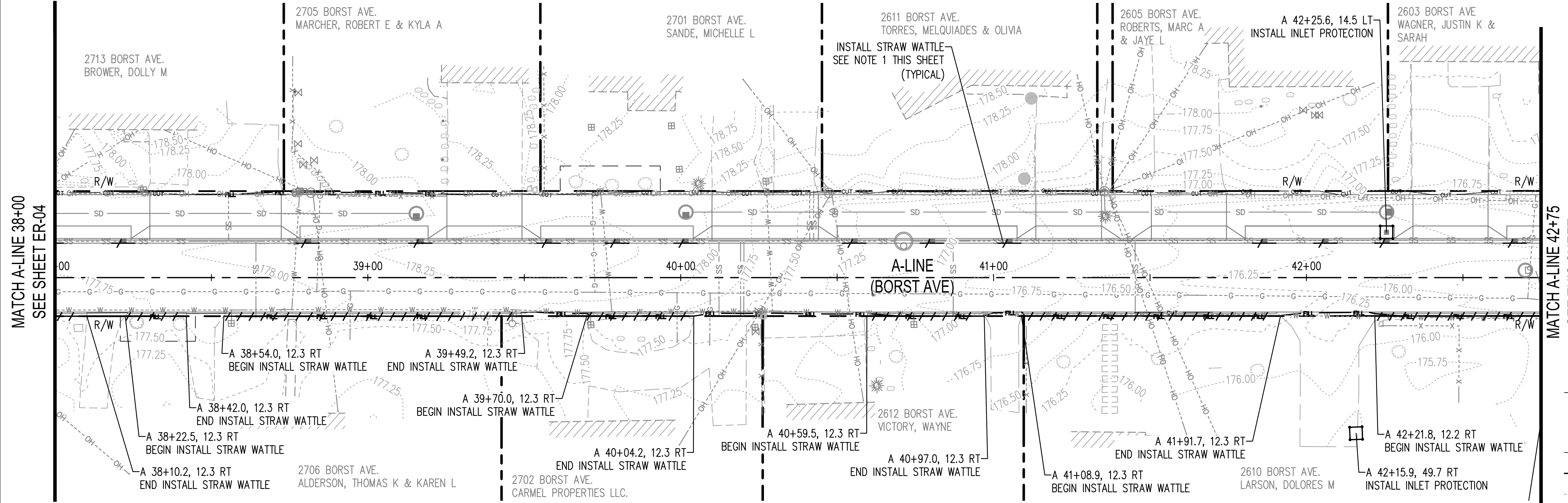
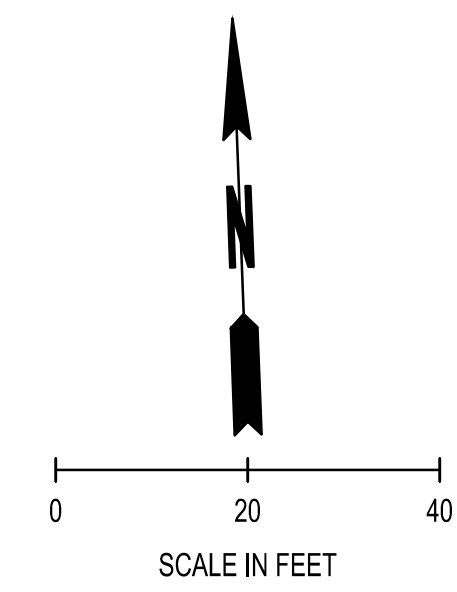
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EROSION AND SEDIMENT CONTROL PLAN
BORST AVENUE
CENTRALIA, WA
PROJECT NAME:
CRP 2139

SEAL:

DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 ER-01
DRAWING NO: ER-04
SHEET NO: 14 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.

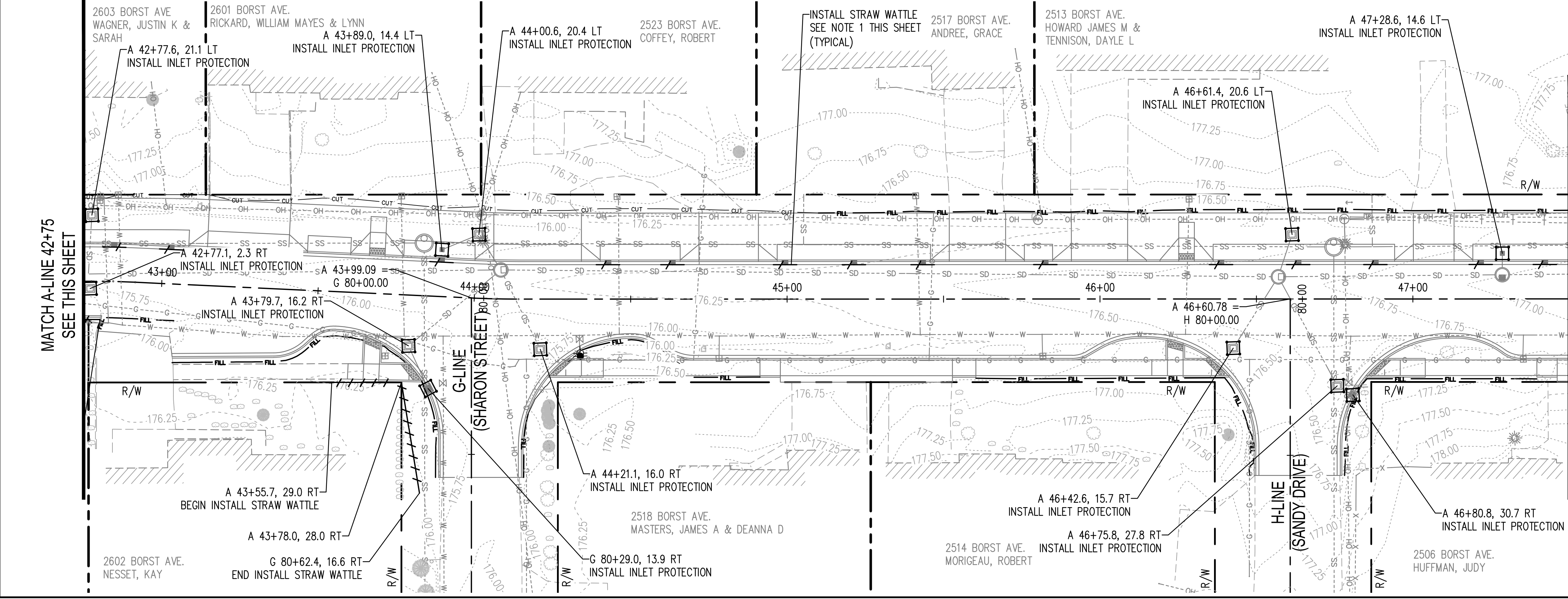


LEGEND

- INLET PROTECTION, SEE WSDOT STD PLAN I-40.20
- STRAW WATTLE, SEE WSDOT STD PLAN I-30.30
- CUT LINE
- FILL LINE
- EXISTING CONTOUR MAJOR
- EXISTING CONTOUR MINOR

EROSION CONTROL NOTES:

1. PLACE STRAW WATTLE ON INLET SIDE OF CURB INLET SEE DETAIL SHEET ED-01.
2. INSTALL AND STAKE STRAW WATTLE PER WSDOT STD PLAN I-30.30



REVISIONS	DATE	BY

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SHEET TITLE: **EROSION AND SEDIMENT CONTROL PLAN**

PROJECT NAME: **BORST AVENUE CENTRALIA, WA**

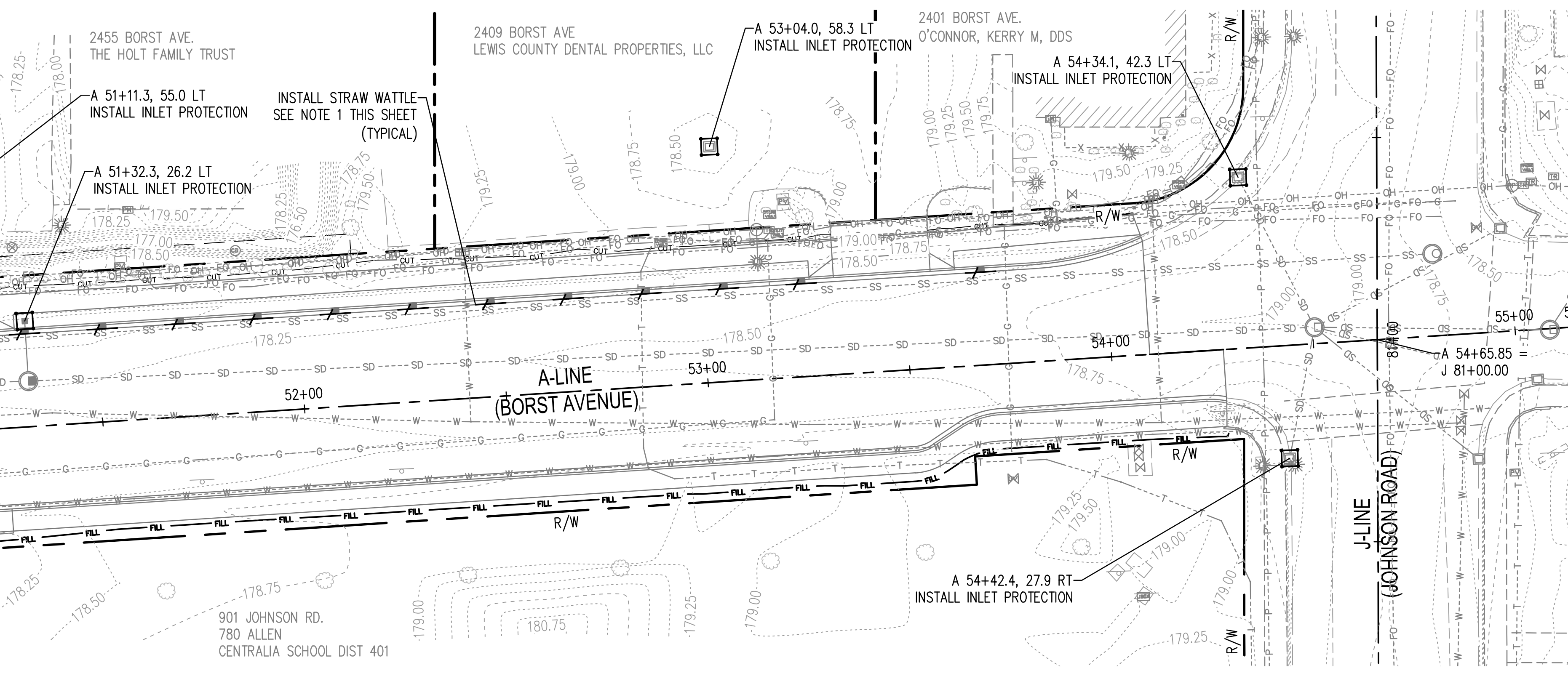
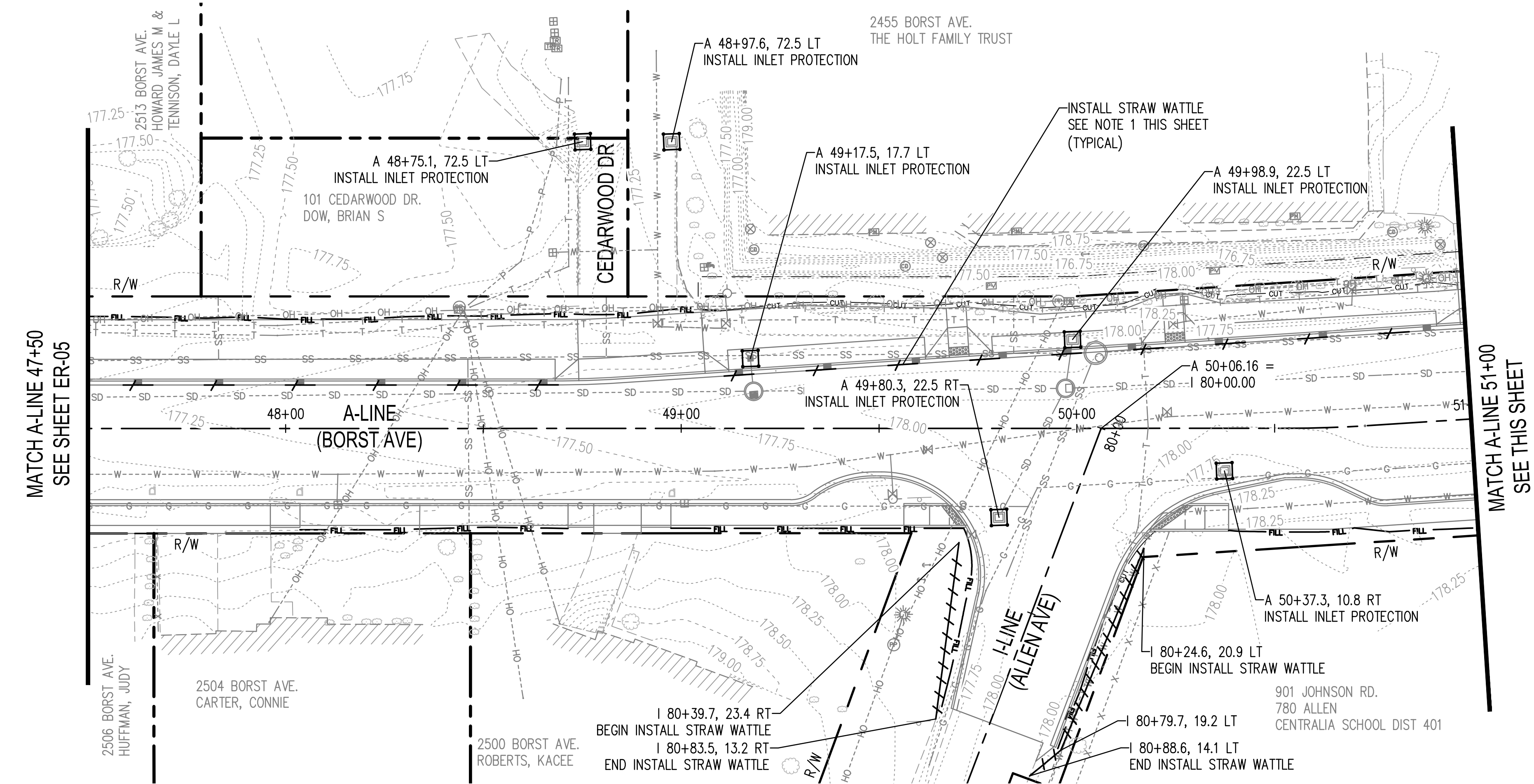
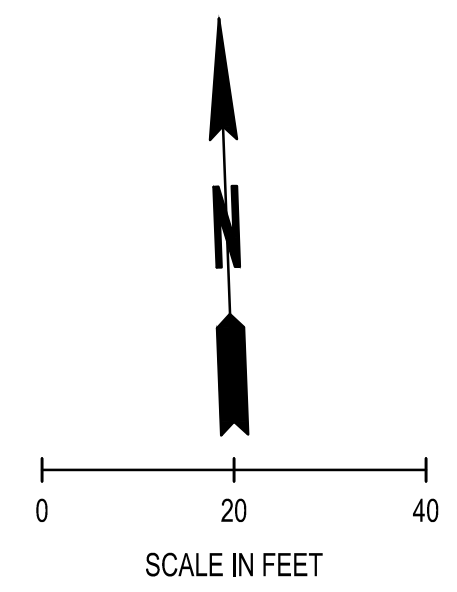
CRP 2139

SEAL:

DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 ER-01
DRAWING NO: **ER-05**
SHEET NO: 15 OF 88

Apr 09, 2019 8:55:34am User: jpbh.brannin N:\PROJECTS\0635 LEWIS COUNTY\0635.04 LEWIS COUNTY BORST AVENUE IMPROVEMENT\CAAD\0635.04 ER-01.DWG

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



LEGEND

	INLET PROTECTION, SEE WSDOT STD PLAN I-40.20
	STRAW WATTLE, SEE WSDOT STD PLAN I-30.30
	CUT LINE
	FILL LINE
	EXISTING CONTOUR MAJOR
	EXISTING CONTOUR MINOR

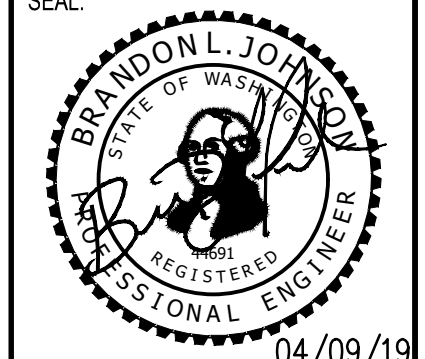
- EROSION CONTROL NOTES:**
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 2. INSTALL AND STAKE STRAW WATTLE PER WSDOT STD PLAN I-30.30

Apr 08, 2019 8:55:59am - User: jpbh.brannin
 N:\PROJECTS\0635 LEWIS COUNTY\0635.04 LEWIS COUNTY BORST AVENUE IMPROVEMENT\CA00\0635.04 ER-01.DWG

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DATE:	
REVISIONS:	

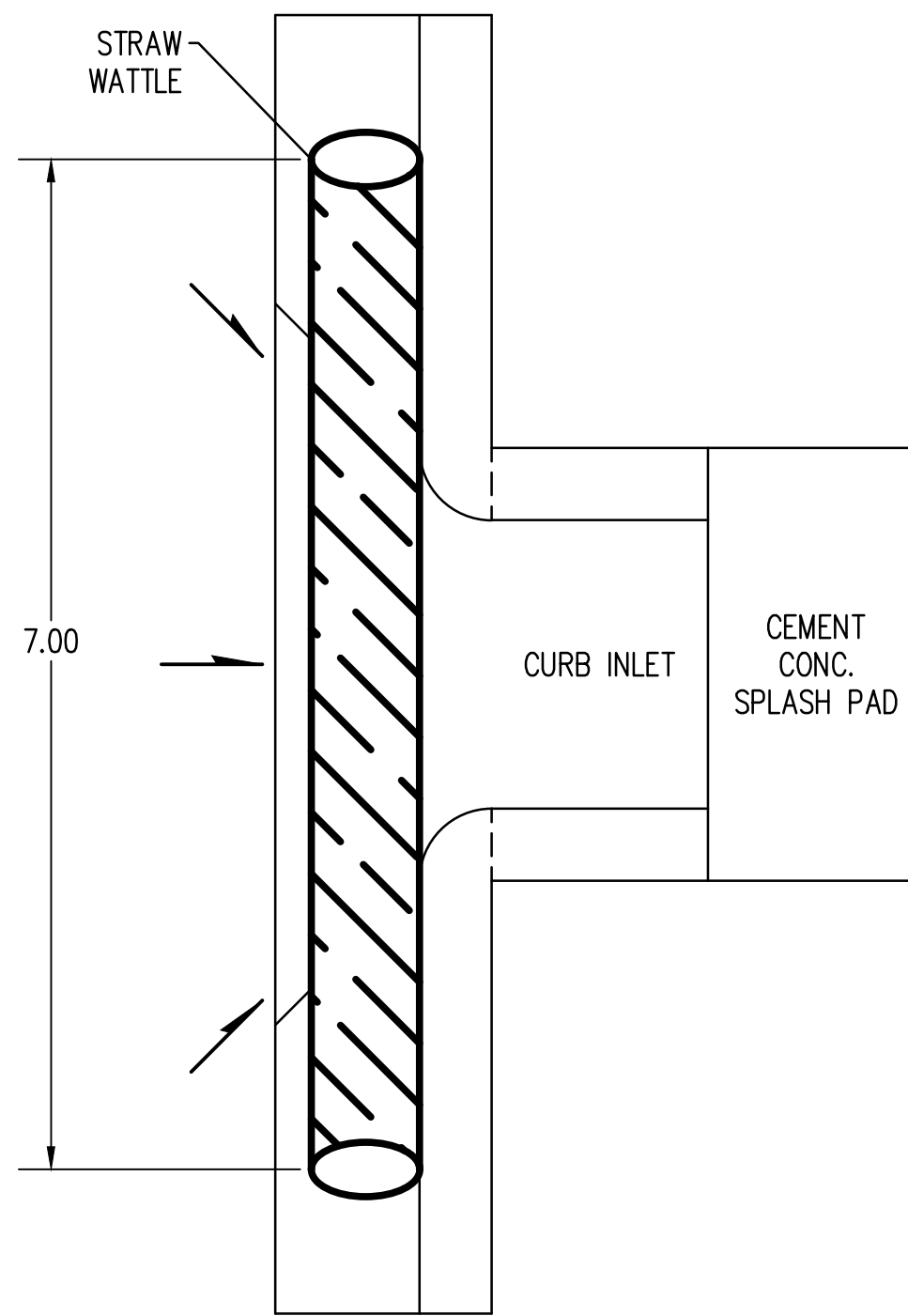
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SHEET TITLE: **EROSION AND SEDIMENT CONTROL PLAN**
 PROJECT NAME: **BORST AVENUE**
 CENTRALIA, WA
 CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO:	0635.04
DRAWING FILE NO:	0635.04 ER-01
DRAWING NO:	ER-06
SHEET NO:	16 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



NOTES:

1. PLACE STRAW WATTLE ON THE INLET SIDE OF THE CURB INLET.
2. CURB INLET DETAIL SEE SHEET SD-01.

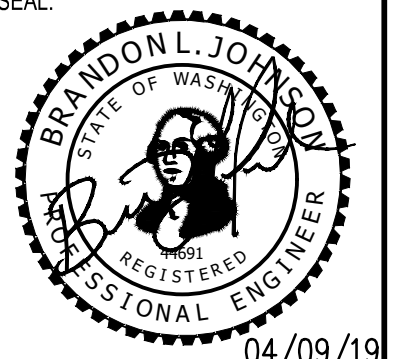
WATTLE PLACEMENT DETAIL
NOT TO SCALE

REVISIONS	DATE	BY

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CONSULTING SERVICES
212 N TOWER AVE, CENTRALIA, WA 98531
P: 360.669.0700 F: 360.352.1509
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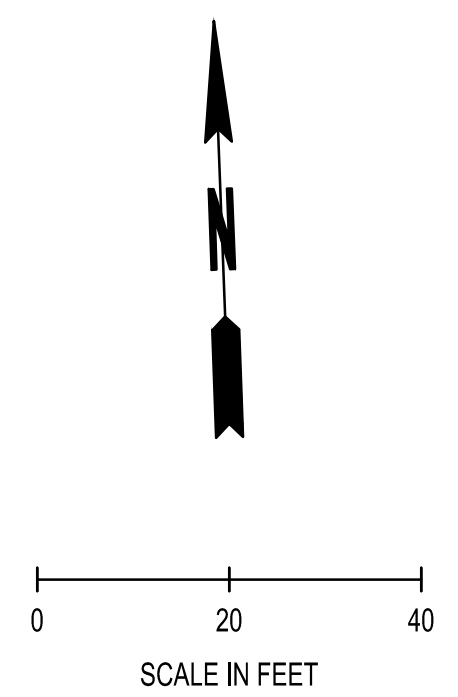
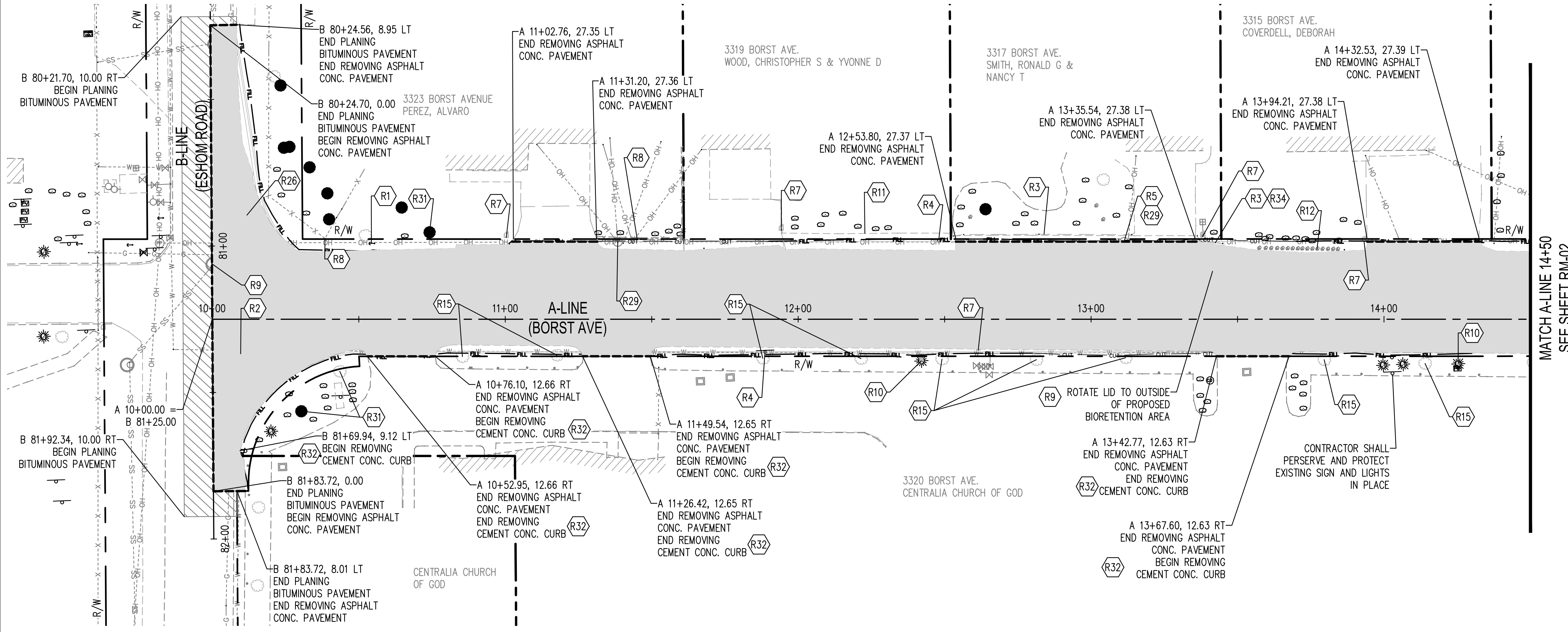
EROSION CONTROL DETAILS
BORST AVENUE
CENTRALIA, WA

SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER:
S. ROWSWELL
DRAWN BY:
S. ROWSWELL
APPROVED BY:
J. BRANNIN
DATE:
MARCH, 2019
JOB NO:
0635.04
DRAWING FILE NO:
0635.04 ER-02
DRAWING NO:
ED-01
SHEET NO:
17 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.

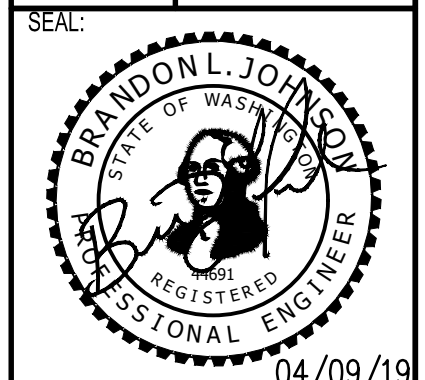


BY	
DATE	
REVISIONS	

SCJ ALLIANCE
CONSULTING SERVICES
212 N TOWER AVE, CENTRALIA, WA 98531
P: 360.669.0700 F: 360.352.1509
SCJALLIANCE.COM

REMOVAL PLAN
BORST AVENUE
CENTRALIA, WA

SHEET TITLE: REMOVAL PLAN
PROJECT NAME: BORST AVENUE
CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 RM-01
DRAWING NO.:	RM-01
SHEET NO.:	18 OF 88

REMOVAL NOTES

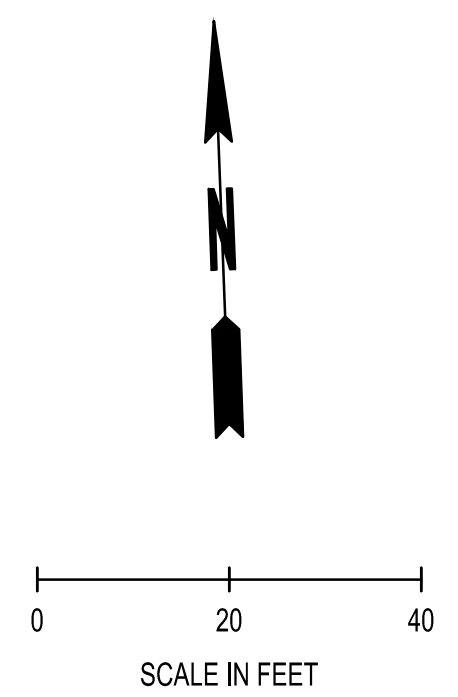
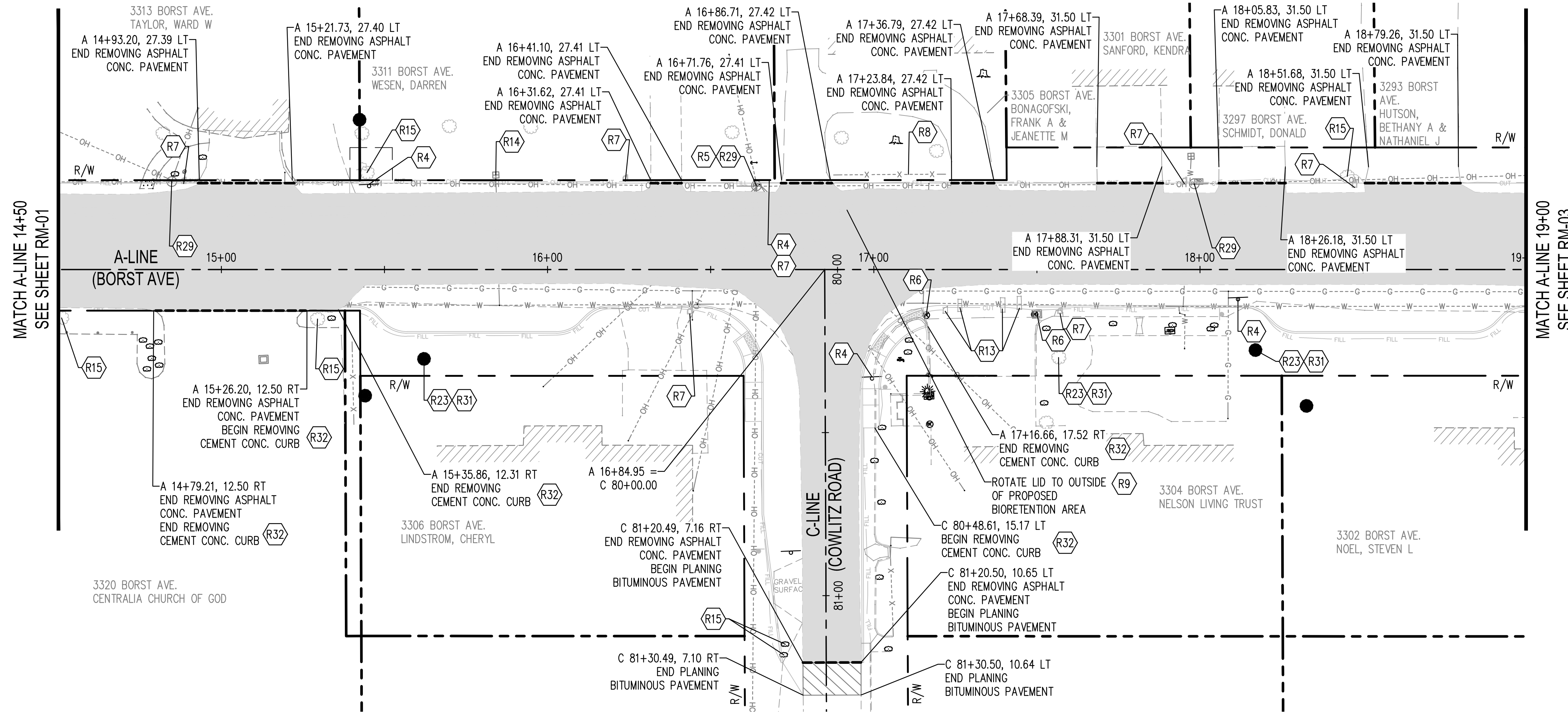
- | | | |
|--|---|--|
| <ul style="list-style-type: none"> 1. PROTECT AND PRESERVE GUY POLE AND WIRE. 2. PROTECT AND ADJUST VALVE BOX TO FINISH GRADE. 3. PROTECT AND PRESERVE SEGMENTAL BLOCK WALL OUTSIDE RIGHT-OF-WAY. 4. SIGN REMOVAL SEE CH AND SN SHEETS FOR ADDITIONAL INFORMATION. (PAID UNDER PERMANENT SIGNING) 5. REMOVE AND SALVAGE EXISTING LUMINAIRES FROM POWER POLES WHERE PRESENT. CONTRACTOR SHALL COORDINATE WITH CITY OF CENTRALIA PUBLIC WORKS FOR THE DELIVERY OF SALVAGED LUMINAIRES SEE IL SHEETS FOR ADDITIONAL INFORMATION. (INCIDENTAL TO ILLUMINATION SYSTEM BID ITEM) 6. PROTECT AND ADJUST CATCH BASIN TO FINISH GRADE, SEE PP SHEETS FOR ADDITIONAL INFORMATION. 7. MAILBOX SUPPORT TYPE. CONTRACTOR SHALL TEMPORARILY RELOCATE MAIL BOXES TO A LOCATION APPROVED BY THE POST MASTER. SEE CH SHEETS FOR MAILBOX PROPOSED LOCATIONS. 8. PROTECT AND PRESERVE FENCE. 9. PROTECT AND ADJUST MANHOLE TO FINISH GRADE. 10. PROTECT AND PRESERVE LUMINAIRE. | <ul style="list-style-type: none"> 11. PROTECT AND PRESERVE STONE MASONRY EDGING. 12. REMOVAL OF STRUCTURES AND OBSTRUCTIONS. LANDSCAPING ROCKS REMOVE, SALVAGE AND RETURN TO OWNER. 13. ROADWAY EXCAVATION INCL. HAUL. REMOVE AND DISPOSE OF BRICK PAVING AS NECESSARY. 14. PROTECT AND ADJUST METER BOX TO FINISH GRADE. 15. CLEARING AND GRUBBING. REMOVE AND DISPOSE OF EXISTING TREE. 16. PROTECT AND PRESERVE GUY ANCHOR AND GUY WIRE. 17. PROTECT AND PRESERVE FIRE HYDRANT ASSEMBLY. 18. PROTECT AND PRESERVE COMMUNICATIONS PEDESTAL. 19. PROTECT AND PRESERVE TRANSIT BUS SHELTER. 20. PROTECT AND PRESERVE FLAGPOLE. 21. PROTECT AND PRESERVE STONE MASONRY PILLAR. 22. PROTECT AND PRESERVE BRICK MASONRY PILLAR. 23. CLEARING AND GRUBBING. TRIM/PRUNE CONFLICTING TREE BRANCHES. | <ul style="list-style-type: none"> 24. RELOCATE WATER METER BY OTHERS. 25. PROTECT AND PRESERVE ELECTRICAL TRANSFORMER. 26. ABANDON EXISTING CATCH BASIN. SEE PP SHEETS FOR STORM REVISIONS. 27. RELOCATE EXISTING LUMINAIRE SEE IL SHEETS. (INCIDENTAL TO ILLUMINATION SYSTEM BID ITEM) 28. RESETTING EXISTING HYDRANT. SEE PP SHEETS. 29. PROTECT AND PRESERVE EXISTING POWER POLE. 30. REMOVAL OF STRUCTURES AND OBSTRUCTIONS. REMOVE AND RESET FENCE. 31. PROTECT AND PRESERVE EXISTING TREE. 32. REMOVING CEMENT CONC. CURB AND REMOVING CEMENT CONC. CURB AND GUTTER PAID AS ROADWAY EXCAVATION INCLUDING HAUL. 33. PROTECT AND PRESERVE EXISTING UTILITY VAULT/BOX. 34. REMOVAL OF STRUCTURES AND OBSTRUCTIONS, REMOVE AND SALVAGE SEGMENTAL BLOCK WALL LOCATED INSIDE RIGHT-OF-WAY TO PROPERTY OWNER. |
|--|---|--|

REMOVAL LEGEND

- SAWCUT (TYP) (INCIDENTAL)
- PLANING BITUMINOUS PAVEMENT (0.17')
- REMOVING ASPHALT CONCRETE PAVEMENT (PAID AS ROADWAY EXCAVATION INCLUDING HAUL)
- REMOVING CEMENT CONCRETE SIDEWALK (PAID AS ROADWAY EXCAVATION INCLUDING HAUL)
- REMOVING CEMENT CONCRETE PAVEMENT (REMOVE FULL DEPTH OF CONCRETE PANEL, PAID AS ROADWAY EXCAVATION INCLUDING HAUL)

Apr 09, 2019 8:56:39am - User: jpbh.brannin N:\PROJECTS\0635.04 LEWIS COUNTY BORST AVENUE IMPROVEMENT\CAO\0635.04_RM-01.DWG

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



(R-)

REMOVAL NOTES

- | | | |
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REMOVAL LEGEND

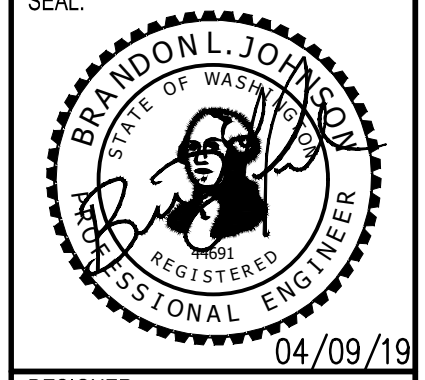
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- REMOVING CEMENT CONCRETE PAVEMENT (REMOVE FULL DEPTH OF CONCRETE PANEL, PAID AS ROADWAY EXCAVATION INCLUDING HAUL)

Apr 09, 2019 8:56:54am - User: jpbh.brannin N:\PROJECTS\0635.04 LEWIS COUNTY BORST AVENUE IMPROVEMENT\CAO\0635.04_RM-01.DWG

BY	
DATE	
REVISIONS	

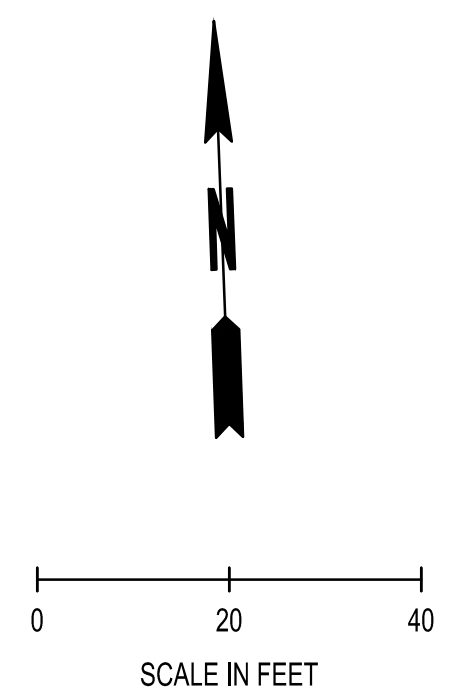
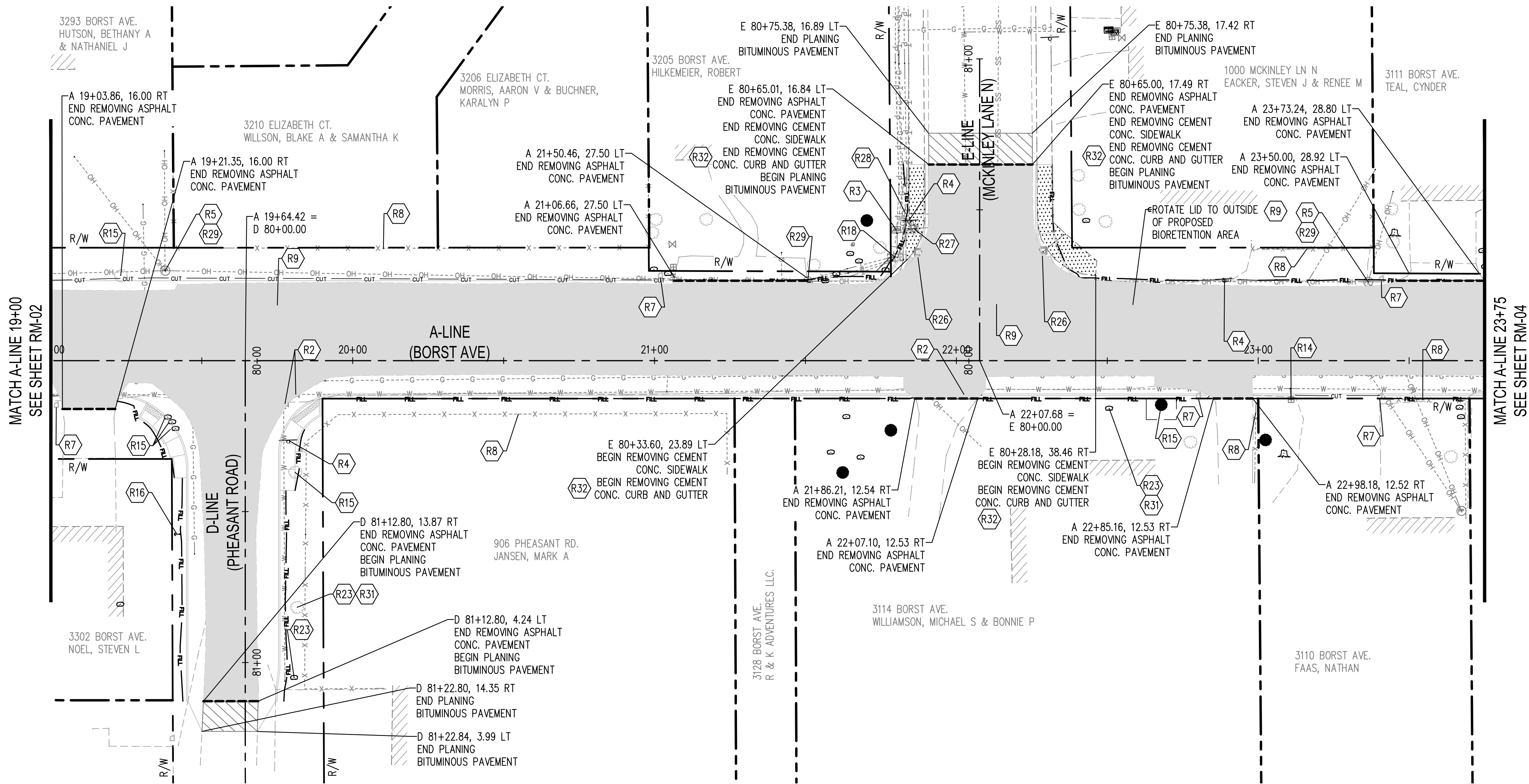
SCJ ALLIANCE
CONSULTING SERVICES
212 N TOWER AVE, CENTRALIA, WA 98531
P: 360.669.0700 F: 360.352.1509
SCJALLIANCE.COM

SHEET TITLE: **REMOVAL PLAN**
PROJECT NAME: **BORST AVENUE CENTRALIA, WA**
CRP: 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04_RM-01
DRAWING NO.:	RM-02
SHEET NO.:	19 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



REMOVAL NOTES

- | | | |
|--|---|--|
| <ul style="list-style-type: none"> 1. PROTECT AND PRESERVE GUY POLE AND WIRE. 2. PROTECT AND ADJUST VALVE BOX TO FINISH GRADE. 3. PROTECT AND PRESERVE SEGMENTAL BLOCK WALL OUTSIDE RIGHT-OF-WAY. 4. SIGN REMOVAL SEE CH AND SN SHEETS FOR ADDITIONAL INFORMATION. (PAID UNDER PERMANENT SIGNING) 5. REMOVE AND SALVAGE EXISTING LUMINAIRES FROM POWER POLES WHERE PRESENT. CONTRACTOR SHALL COORDINATE WITH CITY OF CENTRALIA PUBLIC WORKS FOR THE DELIVERY OF SALVAGED LUMINAIRES SEE IL SHEETS FOR ADDITIONAL INFORMATION. (INCIDENTAL TO ILLUMINATION SYSTEM BID ITEM) 6. PROTECT AND ADJUST CATCH BASIN TO FINISH GRADE, SEE PP SHEETS FOR ADDITIONAL INFORMATION. 7. MAILBOX SUPPORT TYPE. CONTRACTOR SHALL TEMPORARILY RELOCATE MAIL BOXES TO A LOCATION APPROVED BY THE POST MASTER. SEE CH SHEETS FOR MAILBOX PROPOSED LOCATIONS. 8. PROTECT AND PRESERVE FENCE. 9. PROTECT AND ADJUST MANHOLE TO FINISH GRADE. 10. PROTECT AND PRESERVE LUMINAIRE. | <ul style="list-style-type: none"> 11. PROTECT AND PRESERVE STONE MASONRY EDGING. 12. REMOVAL OF STRUCTURES AND OBSTRUCTIONS. LANDSCAPING ROCKS REMOVE, SALVAGE AND RETURN TO OWNER. 13. ROADWAY EXCAVATION INCL. HAUL. REMOVE AND DISPOSE OF BRICK PAVING AS NECESSARY. 14. PROTECT AND ADJUST METER BOX TO FINISH GRADE. 15. CLEARING AND GRUBBING. REMOVE AND DISPOSE OF EXISTING TREE. 16. PROTECT AND PRESERVE GUY ANCHOR AND GUY WIRE. 17. PROTECT AND PRESERVE FIRE HYDRANT ASSEMBLY. 18. PROTECT AND PRESERVE COMMUNICATIONS PEDESTAL. 19. PROTECT AND PRESERVE TRANSIT BUS SHELTER. 20. PROTECT AND PRESERVE FLAGPOLE. 21. PROTECT AND PRESERVE STONE MASONRY PILLAR. 22. PROTECT AND PRESERVE BRICK MASONRY PILLAR. 23. CLEARING AND GRUBBING. TRIM/PRUNE CONFLICTING TREE BRANCHES. | <ul style="list-style-type: none"> 24. RELOCATE WATER METER BY OTHERS. 25. PROTECT AND PRESERVE ELECTRICAL TRANSFORMER. 26. ABANDON EXISTING CATCH BASIN. SEE PP SHEETS FOR STORM REVISIONS. 27. RELOCATE EXISTING LUMINAIRE SEE IL SHEETS. (INCIDENTAL TO ILLUMINATION SYSTEM BID ITEM) 28. RESETTING EXISTING HYDRANT. SEE PP SHEETS. 29. PROTECT AND PRESERVE EXISTING POWER POLE. 30. REMOVAL OF STRUCTURES AND OBSTRUCTIONS. REMOVE AND RESET FENCE. 31. PROTECT AND PRESERVE EXISTING TREE. 32. REMOVING CEMENT CONC. CURB AND REMOVING CEMENT CONC. CURB AND GUTTER PAID AS ROADWAY EXCAVATION INCLUDING HAUL. 33. PROTECT AND PRESERVE EXISTING UTILITY VAULT/BOX. 34. REMOVAL OF STRUCTURES AND OBSTRUCTIONS, REMOVE AND SALVAGE SEGMENTAL BLOCK WALL LOCATED INSIDE RIGHT-OF-WAY TO PROPERTY OWNER. |
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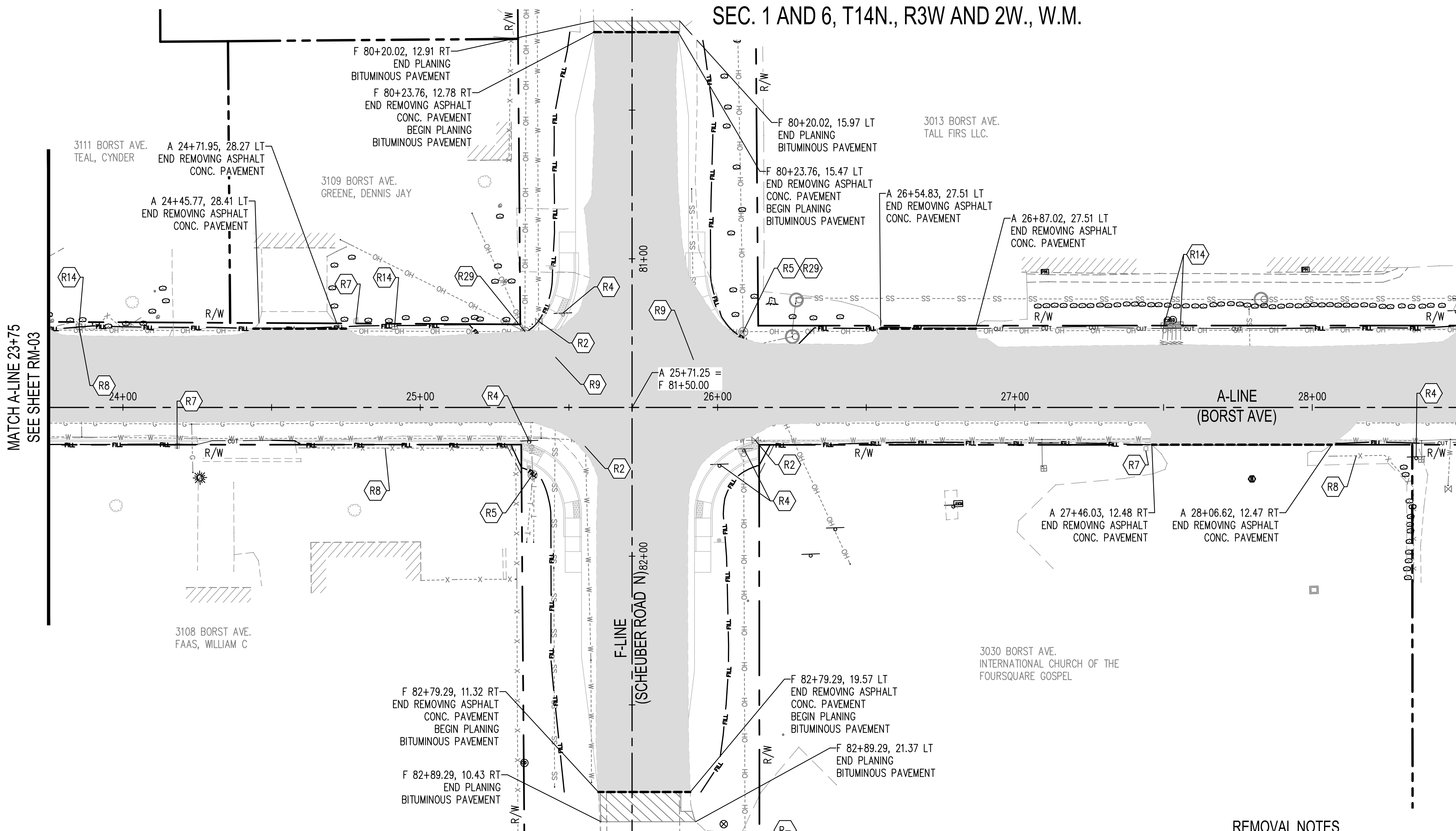
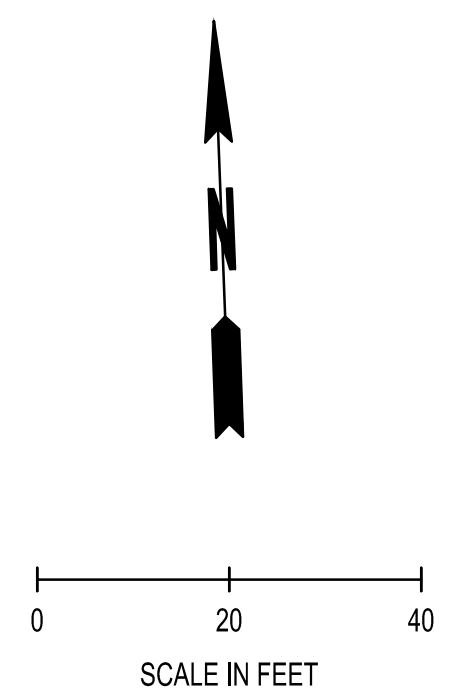
REMOVAL LEGEND

- SAWCUT (TYP) (INCIDENTAL)
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BY									
DATE									
REVISIONS									
<p>SCJ ALLIANCE CONSULTING SERVICES</p> <p>212 N TOWER AVE, CENTRALIA, WA 98531 P: 360.669.0700 F: 360.352.1509 SCALLIANCE.COM</p>									
REMOVAL PLAN					BORST AVENUE CENTRALIA, WA				
SHEET TITLE:									
PROJECT NAME:									
SEAL:									
DESIGNER:	S. ROWSWELL								
DRAWN BY:	S. ROWSWELL								
APPROVED BY:	J. BRANNIN								
DATE:	MARCH, 2019								
JOB NO.:	0635.04								
DRAWING FILE NO.:	0635.04 RM-01								
DRAWING NO.:	RM-03								
SHEET NO.:	20 of 88								

Apr 08, 2019 8:57:09am - User: jpbh.bramin
 N:\PROJECTS\0635 LEWIS COUNTY\0635.04 LEWIS COUNTY BORST AVENUE IMPROVEMENT\CAVD\0635.04_RM-01.DWG

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



MATCH A-LINE 28+50
SEE SHEET RM-05

MATCH A-LINE 23+75
SEE SHEET RM-03

REMOVAL LEGEND

	SAWCUT (TYP) (INCIDENTAL)
	PLANING BITUMINOUS PAVEMENT (0.17')
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REMOVAL NOTES

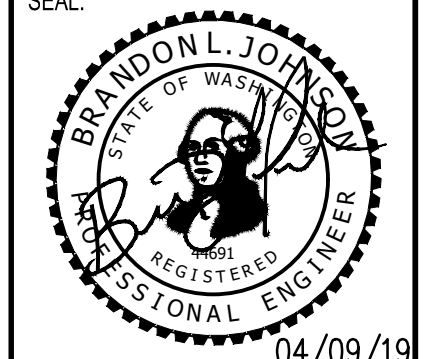
1. PROTECT AND PRESERVE GUY POLE AND WIRE.
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BY:	
DATE:	
REVISIONS:	

SCJ ALLIANCE
CONSULTING SERVICES
212 N TOWER AVE, CENTRALIA, WA 98531
P: 360.669.0700 F: 360.352.1509
SCJALLIANCE.COM

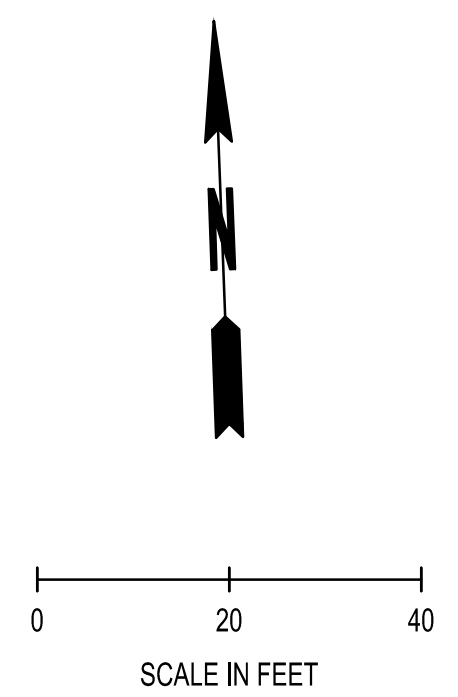
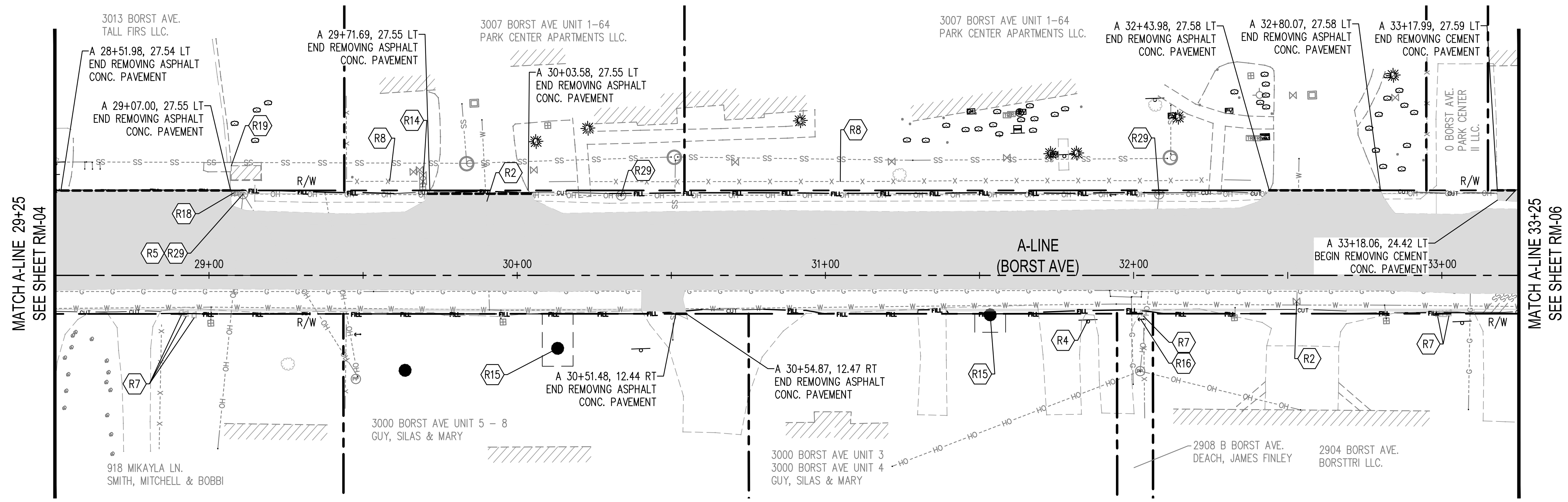
REMOVAL PLAN
BORST AVENUE
CENTRALIA, WA

SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO:	0635.04
DRAWING FILE NO:	0635.04 RM-01
DRAWING NO:	RM-04
SHEET NO:	21 of 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



MATCH A-LINE 29+25
SEE SHEET RM-04

MATCH A-LINE 33+25
SEE SHEET RM-06

BY	
DATE	
REVISIONS	

SCJ ALLIANCE
CONSULTING SERVICES
212 N TOWER AVE, CENTRALIA, WA 98531
P: 360.669.0700 F: 360.352.1509
SCJALLIANCE.COM



REMOVAL NOTES

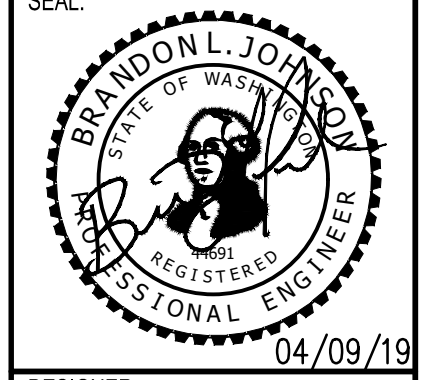
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REMOVAL LEGEND

- SAWCUT (TYP) (INCIDENTAL)
- PLANING BITUMINOUS PAVEMENT (0.17')
- REMOVING ASPHALT CONCRETE PAVEMENT (PAID AS ROADWAY EXCAVATION INCLUDING HAUL)
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- REMOVING CEMENT CONCRETE PAVEMENT (REMOVE FULL DEPTH OF CONCRETE PANEL, PAID AS ROADWAY EXCAVATION INCLUDING HAUL)

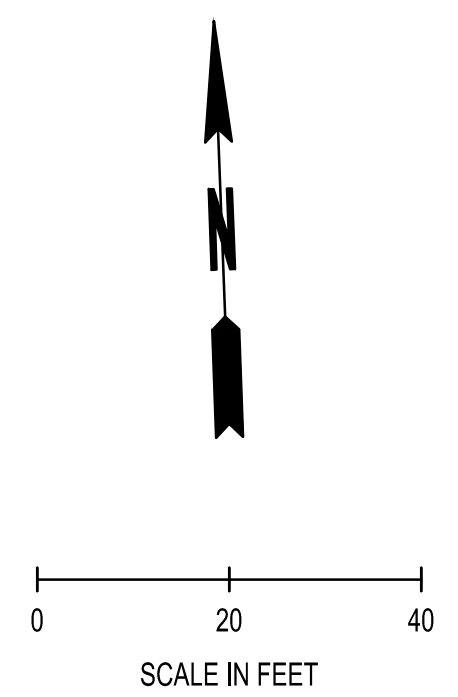
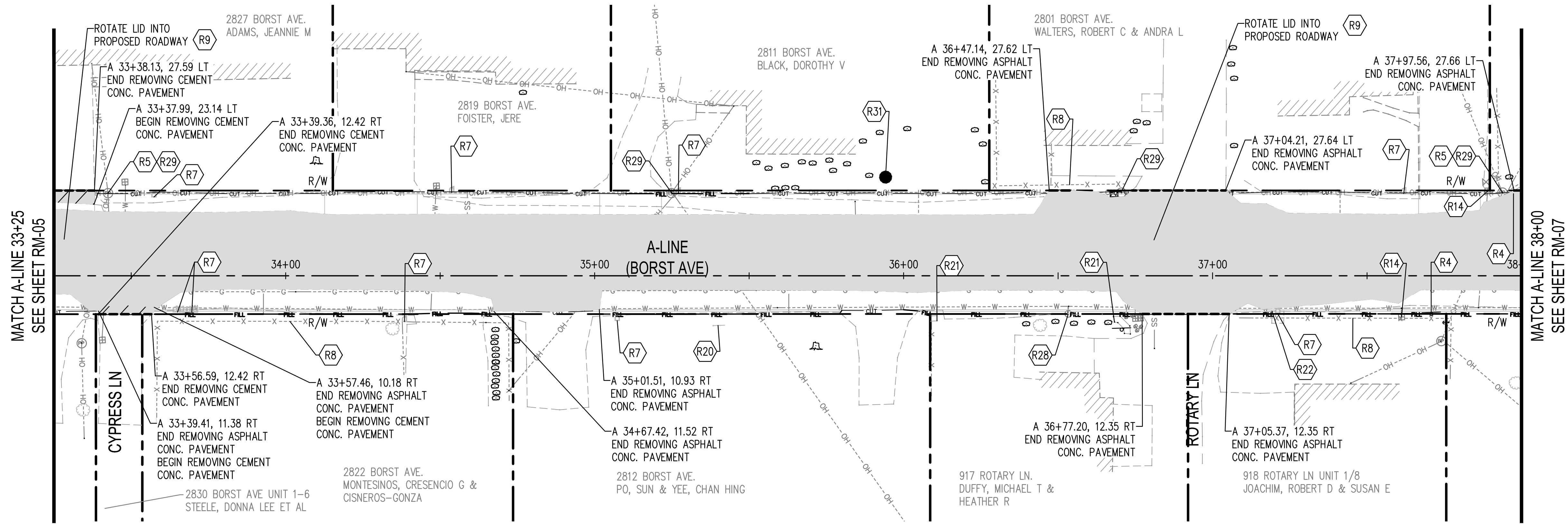
REMOVAL PLAN
BORST AVENUE
CENTRALIA, WA

SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO:	0635.04
DRAWING FILE NO:	0635.04 RM-01
DRAWING NO:	RM-05
SHEET NO:	22 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



BY	
DATE	
REVISIONS	

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212 N TOWER AVE, CENTRALIA, WA 98531
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SCJALLIANCE.COM

REMOVAL PLAN
BORST AVENUE
CENTRALIA, WA
PROJECT NAME: BORST AVENUE
SHEET TITLE: REMOVAL PLAN
CRP 2139

DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 RM-01
DRAWING NO: RM-06
SHEET NO: 23 OF 88



REMOVAL NOTES

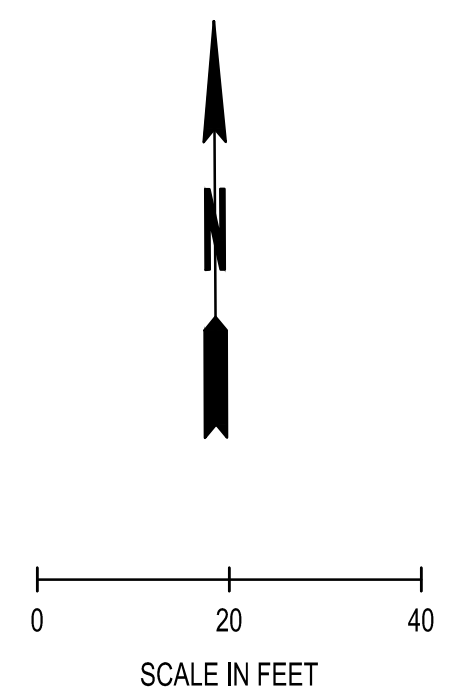
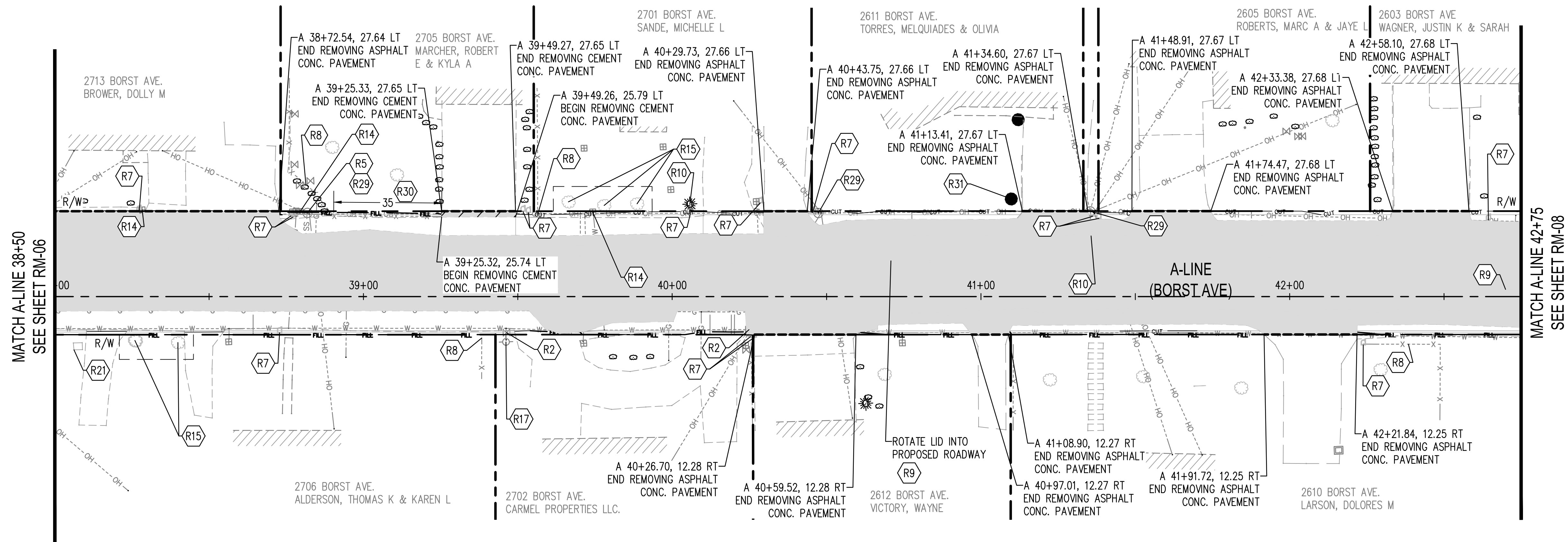
- | | | |
|--|--|--|
| 1. PROTECT AND PRESERVE GUY POLE AND WIRE. | 11. PROTECT AND PRESERVE STONE MASONRY EDGING. | 24. RELOCATE WATER METER BY OTHERS. |
| 2. PROTECT AND ADJUST VALVE BOX TO FINISH GRADE. | 12. REMOVAL OF STRUCTURES AND OBSTRUCTIONS. LANDSCAPING ROCKS REMOVE, SALVAGE AND RETURN TO OWNER. | 25. PROTECT AND PRESERVE ELECTRICAL TRANSFORMER. |
| 3. PROTECT AND PRESERVE SEGMENTAL BLOCK WALL OUTSIDE RIGHT-OF-WAY. | 13. ROADWAY EXCAVATION INCL. HAUL. REMOVE AND DISPOSE OF BRICK PAVING AS NECESSARY. | 26. ABANDON EXISTING CATCH BASIN. SEE PP SHEETS FOR STORM REVISIONS. |
| 4. SIGN REMOVAL SEE CH AND SN SHEETS FOR ADDITIONAL INFORMATION. (PAID UNDER PERMANENT SIGNING) | 14. PROTECT AND ADJUST METER BOX TO FINISH GRADE. | 27. RELOCATE EXISTING LUMINAIRE SEE IL SHEETS. (INCIDENTAL TO ILLUMINATION SYSTEM BID ITEM) |
| 5. REMOVE AND SALVAGE EXISTING LUMINAIRES FROM POWER POLES WHERE PRESENT. CONTRACTOR SHALL COORDINATE WITH CITY OF CENTRALIA PUBLIC WORKS FOR THE DELIVERY OF SALVAGED LUMINAIRES SEE IL SHEETS FOR ADDITIONAL INFORMATION. (INCIDENTAL TO ILLUMINATION SYSTEM BID ITEM) | 15. CLEARING AND GRUBBING. REMOVE AND DISPOSE OF EXISTING TREE. | 28. RESETTING EXISTING HYDRANT. SEE PP SHEETS. |
| 6. PROTECT AND ADJUST CATCH BASIN TO FINISH GRADE, SEE PP SHEETS FOR ADDITIONAL INFORMATION. | 16. PROTECT AND PRESERVE GUY ANCHOR AND GUY WIRE. | 29. PROTECT AND PRESERVE EXISTING POWER POLE. |
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| | 22. PROTECT AND PRESERVE BRICK MASONRY PILLAR. | |
| | 23. CLEARING AND GRUBBING. TRIM/PRUNE CONFLICTING TREE BRANCHES. | |

REMOVAL LEGEND

- SAWCUT (TYP) (INCIDENTAL)
- PLANING BITUMINOUS PAVEMENT (0.17')
- REMOVING ASPHALT CONCRETE PAVEMENT (PAID AS ROADWAY EXCAVATION INCLUDING HAUL)
- REMOVING CEMENT CONCRETE SIDEWALK (PAID AS ROADWAY EXCAVATION INCLUDING HAUL)
- REMOVING CEMENT CONCRETE PAVEMENT (REMOVE FULL DEPTH OF CONCRETE PANEL, PAID AS ROADWAY EXCAVATION INCLUDING HAUL)

Apr 09, 2019 8:57:54am - User: jpbh.brannin N:\PROJECTS\0635.04 LEWIS COUNTY BORST AVENUE IMPROVEMENT\CAAD\0635.04_RM-01.DWG

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



MATCH A-LINE 38+50
SEE SHEET RM-06

MATCH A-LINE 42+75
SEE SHEET RM-08

BY	
DATE	
REVISIONS	

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212 N TOWER AVE, CENTRALIA, WA 98531
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R-

REMOVAL NOTES

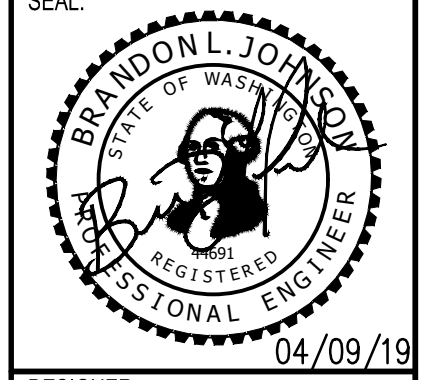
- | | | |
|--|---|--|
| <ol style="list-style-type: none"> 1. PROTECT AND PRESERVE GUY POLE AND WIRE. 2. PROTECT AND ADJUST VALVE BOX TO FINISH GRADE. 3. PROTECT AND PRESERVE SEGMENTAL BLOCK WALL OUTSIDE RIGHT-OF-WAY. 4. SIGN REMOVAL SEE CH AND SN SHEETS FOR ADDITIONAL INFOMRATION. (PAID UNDER PERMANENT SIGNING) 5. REMOVE AND SALVAGE EXISTING LUMINAIRES FROM POWER POLES WHERE PRESENT. CONTRACTOR SHALL COORDINATE WITH CITY OF CENTRALIA PUBLIC WORKS FOR THE DELIVERY OF SALVAGED LUMINAIRES SEE IL SHEETS FOR ADDITIONAL INFORMATION. (INCIDENTAL TO ILLUMINATION SYSTEM BID ITEM) 6. PROTECT AND ADJUST CATCH BASIN TO FINISH GRADE, SEE PP SHEETS FOR ADDITIONAL INFORMATION. 7. MAILBOX SUPPORT TYPE. CONTRACTOR SHALL TEMPORARILY RELOCATE MAIL BOXES TO A LOCATION APPROVED BY THE POST MASTER. SEE CH SHEETS FOR MAILBOX PROPOSED LOCATIONS. 8. PROTECT AND PRESERVE FENCE. 9. PROTECT AND ADJUST MANHOLE TO FINISH GRADE. 10. PROTECT AND PRESERVE LUMINAIRE. | <ol style="list-style-type: none"> 11. PROTECT AND PRESERVE STONE MASONRY EDGING. 12. REMOVAL OF STRUCTURES AND OBSTRUCTIONS. LANDSCAPING ROCKS REMOVE, SALVAGE AND RETURN TO OWNER. 13. ROADWAY EXCAVATION INCL. HAUL. REMOVE AND DISPOSE OF BRICK PAVING AS NECESSARY. 14. PROTECT AND ADJUST METER BOX TO FINISH GRADE. 15. CLEARING AND GRUBBING. REMOVE AND DISPOSE OF EXISTING TREE. 16. PROTECT AND PRESERVE GUY ANCHOR AND GUY WIRE. 17. PROTECT AND PRESERVE FIRE HYDRANT ASSEMBLY. 18. PROTECT AND PRESERVE COMMUNICATIONS PEDESTAL. 19. PROTECT AND PRESERVE TRANSIT BUS SHELTER. 20. PROTECT AND PRESERVE FLAGPOLE. 21. PROTECT AND PRESERVE STONE MASONRY PILLAR. 22. PROTECT AND PRESERVE BRICK MASONRY PILLAR. 23. CLEARING AND GRUBBING. TRIM/PRUNE CONFLICTING TREE BRANCHES. | <ol style="list-style-type: none"> 24. RELOCATE WATER METER BY OTHERS. 25. PROTECT AND PRESERVE ELECTRICAL TRANSFORMER. 26. ABANDON EXISTING CATCH BASIN. SEE PP SHEETS FOR STORM REVISIONS. 27. RELOCATE EXISTING LUMINAIRE SEE IL SHEETS. (INCIDENTAL TO ILLUMINATION SYSTEM BID ITEM) 28. RESETTING EXISTING HYDRANT. SEE PP SHEETS. 29. PROTECT AND PRESERVE EXISTING POWER POLE. 30. REMOVAL OF STRUCTURES AND OBSTRUCTIONS. REMOVE AND RESET FENCE. 31. PROTECT AND PRESERVE EXISTING TREE. 32. REMOVING CEMENT CONC. CURB AND REMOVING CEMENT CONC. CURB AND GUTTER PAID AS ROADWAY EXCAVATION INCLUDING HAUL. 33. PROTECT AND PRESERVE EXISTING UTILITY VAULT/BOX. 34. REMOVAL OF STRUCTURES AND OBSTRUCTIONS, REMOVE AND SALVAGE SEGMENTAL BLOCK WALL LOCATED INSIDE RIGHT-OF-WAY TO PROPERTY OWNER. |
|--|---|--|

REMOVAL LEGEND

- SAWCUT (TYP) (INCIDENTAL)
- PLANING BITUMINOUS PAVEMENT (0.17')
- REMOVING ASPHALT CONCRETE PAVEMENT (PAID AS ROADWAY EXCAVATION INCLUDING HAUL)
- REMOVING CEMENT CONCRETE SIDEWALK (PAID AS ROADWAY EXCAVATION INCLUDING HAUL)
- REMOVING CEMENT CONCRETE PAVEMENT (REMOVE FULL DEPTH OF CONCRETE PANEL, PAID AS ROADWAY EXCAVATION INCLUDING HAUL)

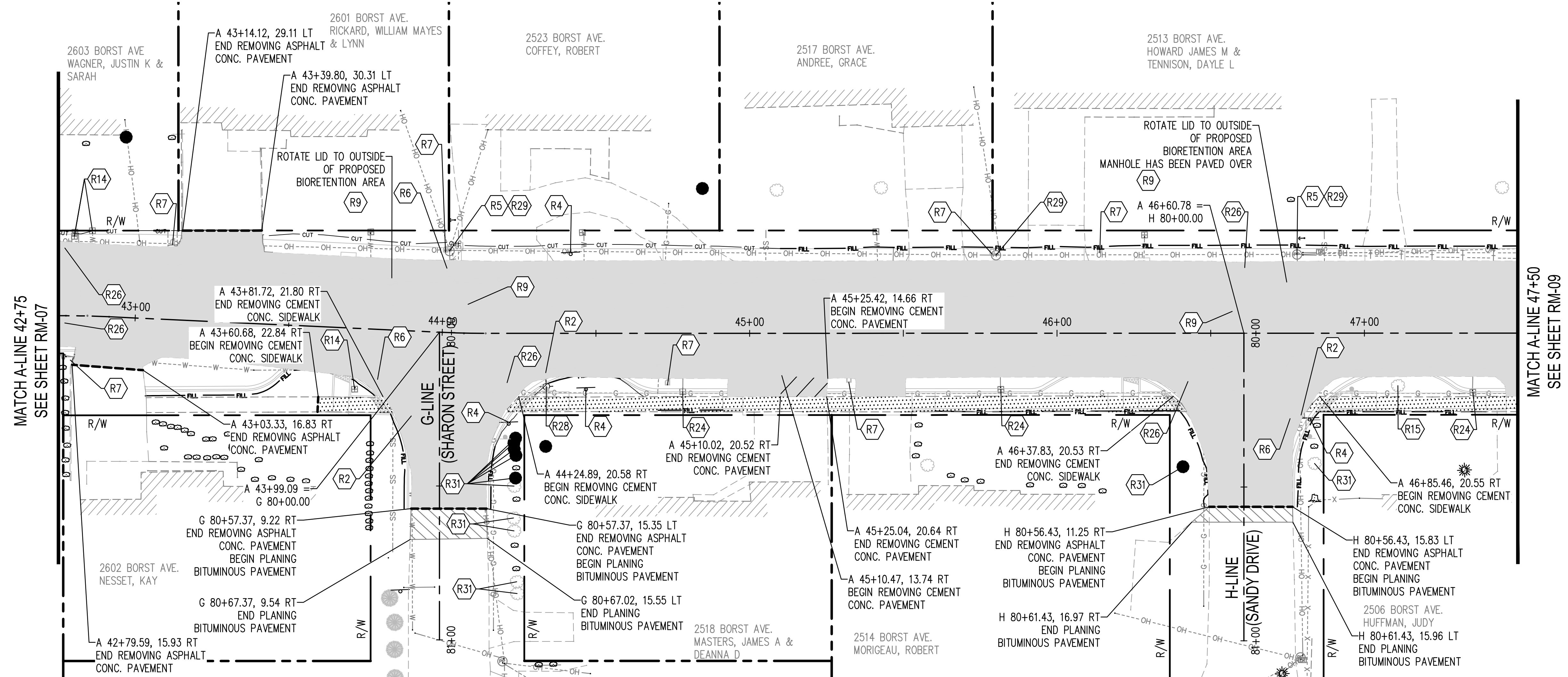
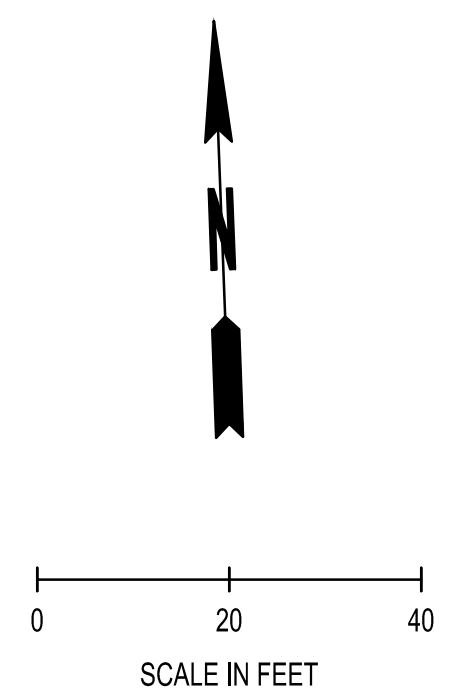
REMOVAL PLAN
BORST AVENUE
CENTRALIA, WA

SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 RM-01
DRAWING NO: RM-07
SHEET NO: 24 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



(R-)

REMOVAL NOTES

- | | | |
|--|---|--|
| <ol style="list-style-type: none"> 1. PROTECT AND PRESERVE GUY POLE AND WIRE. 2. PROTECT AND ADJUST VALVE BOX TO FINISH GRADE. 3. PROTECT AND PRESERVE SEGMENTAL BLOCK WALL OUTSIDE RIGHT-OF-WAY. 4. SIGN REMOVAL SEE CH AND SN SHEETS FOR ADDITIONAL INFORMATION. (PAID UNDER PERMANENT SIGNING) 5. REMOVE AND SALVAGE EXISTING LUMINAIRES FROM POWER POLES WHERE PRESENT. CONTRACTOR SHALL COORDINATE WITH CITY OF CENTRALIA PUBLIC WORKS FOR THE DELIVERY OF SALVAGED LUMINAIRES SEE IL SHEETS FOR ADDITIONAL INFORMATION. (INCIDENTAL TO ILLUMINATION SYSTEM BID ITEM) 6. PROTECT AND ADJUST CATCH BASIN TO FINISH GRADE, SEE PP SHEETS FOR ADDITIONAL INFORMATION. 7. MAILBOX SUPPORT TYPE. CONTRACTOR SHALL TEMPORARILY RELOCATE MAIL BOXES TO A LOCATION APPROVED BY THE POST MASTER. SEE CH SHEETS FOR MAILBOX PROPOSED LOCATIONS. 8. PROTECT AND PRESERVE FENCE. 9. PROTECT AND ADJUST MANHOLE TO FINISH GRADE. 10. PROTECT AND PRESERVE LUMINAIRE. | <ol style="list-style-type: none"> 11. PROTECT AND PRESERVE STONE MASONRY EDGING. 12. REMOVAL OF STRUCTURES AND OBSTRUCTIONS. LANDSCAPING ROCKS REMOVE, SALVAGE AND RETURN TO OWNER. 13. ROADWAY EXCAVATION INCL. HAUL. REMOVE AND DISPOSE OF BRICK PAVING AS NECESSARY. 14. PROTECT AND ADJUST METER BOX TO FINISH GRADE. 15. CLEARING AND GRUBBING. REMOVE AND DISPOSE OF EXISTING TREE. 16. PROTECT AND PRESERVE GUY ANCHOR AND GUY WIRE. 17. PROTECT AND PRESERVE FIRE HYDRANT ASSEMBLY. 18. PROTECT AND PRESERVE COMMUNICATIONS PEDESTAL. 19. PROTECT AND PRESERVE TRANSIT BUS SHELTER. 20. PROTECT AND PRESERVE FLAGPOLE. 21. PROTECT AND PRESERVE STONE MASONRY PILLAR. 22. PROTECT AND PRESERVE BRICK MASONRY PILLAR. 23. CLEARING AND GRUBBING. TRIM/PRUNE CONFLICTING TREE BRANCHES. | <ol style="list-style-type: none"> 24. RELOCATE WATER METER BY OTHERS. 25. PROTECT AND PRESERVE ELECTRICAL TRANSFORMER. 26. ABANDON EXISTING CATCH BASIN. SEE PP SHEETS FOR STORM REVISIONS. 27. RELOCATE EXISTING LUMINAIRE SEE IL SHEETS. (INCIDENTAL TO ILLUMINATION SYSTEM BID ITEM) 28. RESETTING EXISTING HYDRANT. SEE PP SHEETS. 29. PROTECT AND PRESERVE EXISTING POWER POLE. 30. REMOVAL OF STRUCTURES AND OBSTRUCTIONS. REMOVE AND RESET FENCE. 31. PROTECT AND PRESERVE EXISTING TREE. 32. REMOVING CEMENT CONC. CURB AND REMOVING CEMENT CONC. CURB AND GUTTER PAID AS ROADWAY EXCAVATION INCLUDING HAUL. 33. PROTECT AND PRESERVE EXISTING UTILITY VAULT/BOX. 34. REMOVAL OF STRUCTURES AND OBSTRUCTIONS, REMOVE AND SALVAGE SEGMENTAL BLOCK WALL LOCATED INSIDE RIGHT-OF-WAY TO PROPERTY OWNER. |
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REMOVAL LEGEND

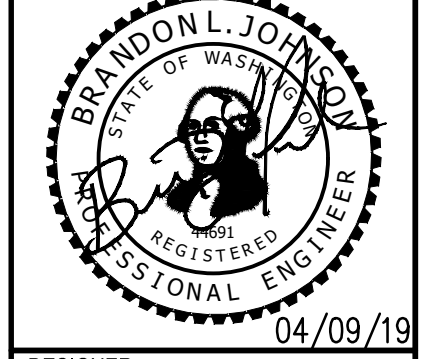
- SAWCUT (TYP) (INCIDENTAL)
- PLANING BITUMINOUS PAVEMENT (0.17')
- REMOVING ASPHALT CONCRETE PAVEMENT (PAID AS ROADWAY EXCAVATION INCLUDING HAUL)
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BY	
DATE	
REVISIONS	

SCJ ALLIANCE
CONSULTING SERVICES
212 N TOWER AVE, CENTRALIA, WA 98531
P: 360.669.0700 F: 360.352.1509
SCJALLIANCE.COM

REMOVAL PLAN
BORST AVENUE
CENTRALIA, WA

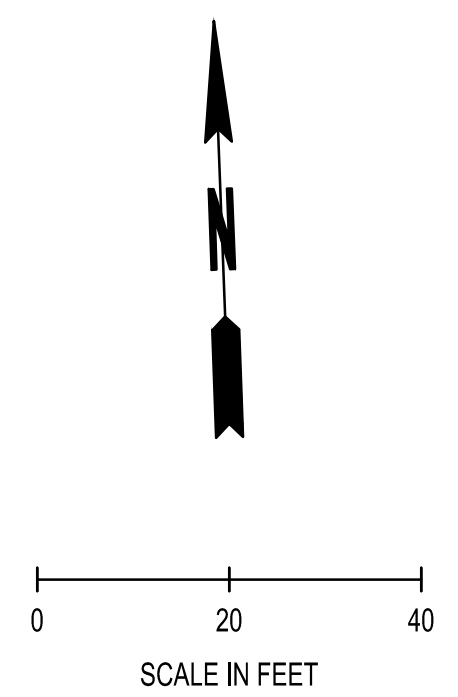
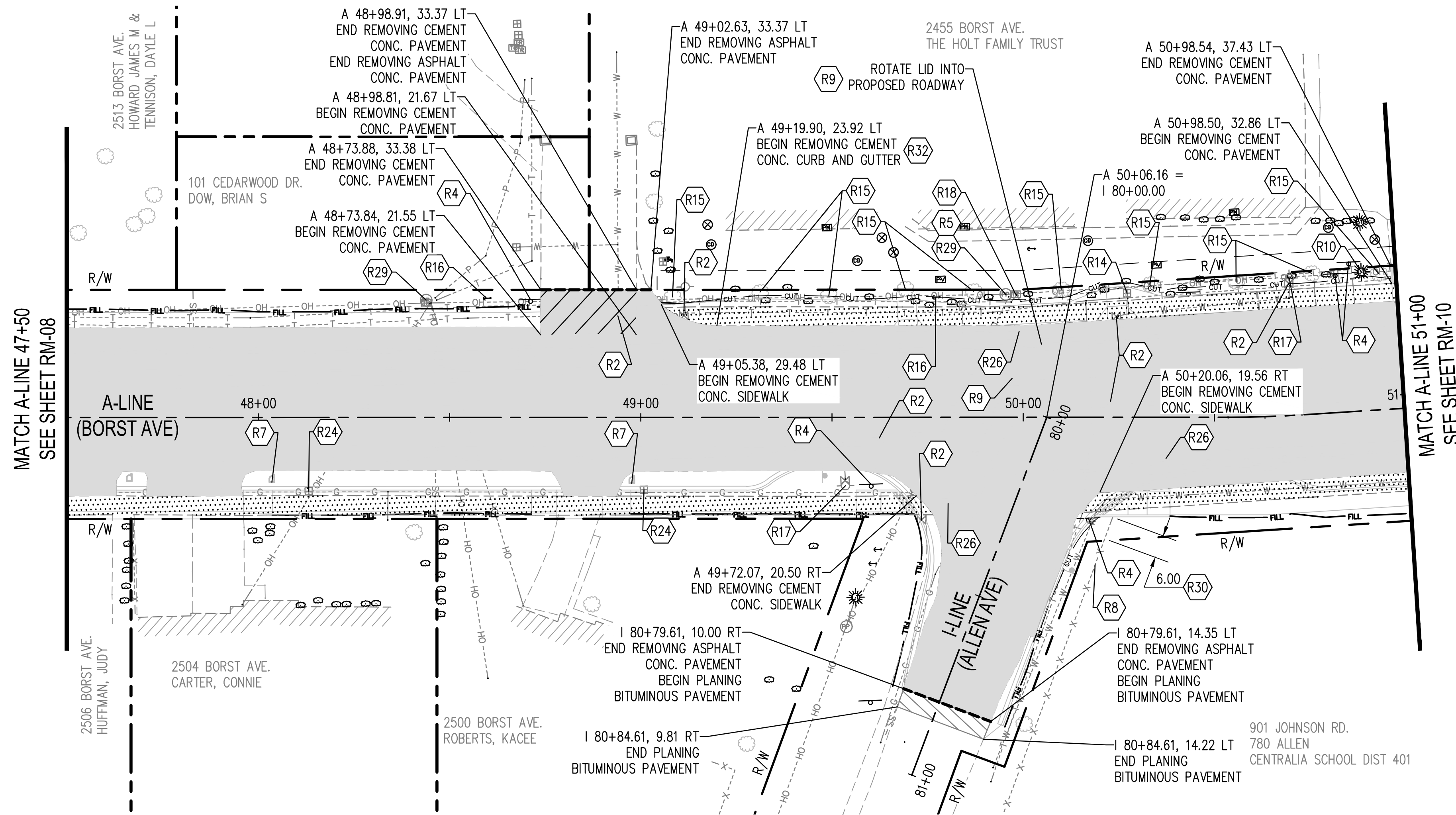
SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 RM-01
DRAWING NO.:	RM-08
SHEET NO.:	25 OF 88

Apr 09, 2019 8:58:24am - User: jpbh.brannin
 N:\PROJECTS\0635.04 LEWIS COUNTY BORST AVENUE IMPROVEMENT\CAAD\0635.04_RM-01.DWG

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



MATCH A-LINE 47+50
SEE SHEET RM-08

MATCH A-LINE 51+00
SEE SHEET RM-10



REMOVAL NOTES

- | | | |
|--|---|--|
| <ol style="list-style-type: none"> 1. PROTECT AND PRESERVE GUY POLE AND WIRE. 2. PROTECT AND ADJUST VALVE BOX TO FINISH GRADE. 3. PROTECT AND PRESERVE SEGMENTAL BLOCK WALL OUTSIDE RIGHT-OF-WAY. 4. SIGN REMOVAL SEE CH AND SN SHEETS FOR ADDITIONAL INFORMATION. (PAID UNDER PERMANENT SIGNING) 5. REMOVE AND SALVAGE EXISTING LUMINAIRES FROM POWER POLES WHERE PRESENT. CONTRACTOR SHALL COORDINATE WITH CITY OF CENTRALIA PUBLIC WORKS FOR THE DELIVERY OF SALVAGED LUMINAIRES SEE IL SHEETS FOR ADDITIONAL INFORMATION. (INCIDENTAL TO ILLUMINATION SYSTEM BID ITEM) 6. PROTECT AND ADJUST CATCH BASIN TO FINISH GRADE, SEE PP SHEETS FOR ADDITIONAL INFORMATION. 7. MAILBOX SUPPORT TYPE. CONTRACTOR SHALL TEMPORARILY RELOCATE MAIL BOXES TO A LOCATION APPROVED BY THE POST MASTER. SEE CH SHEETS FOR MAILBOX PROPOSED LOCATIONS. 8. PROTECT AND PRESERVE FENCE. 9. PROTECT AND ADJUST MANHOLE TO FINISH GRADE. 10. PROTECT AND PRESERVE LUMINAIRE. | <ol style="list-style-type: none"> 11. PROTECT AND PRESERVE STONE MASONRY EDGING. 12. REMOVAL OF STRUCTURES AND OBSTRUCTIONS. LANDSCAPING ROCKS REMOVE, SALVAGE AND RETURN TO OWNER. 13. ROADWAY EXCAVATION INCL. HAUL. REMOVE AND DISPOSE OF BRICK PAVING AS NECESSARY. 14. PROTECT AND ADJUST METER BOX TO FINISH GRADE. 15. CLEARING AND GRUBBING. REMOVE AND DISPOSE OF EXISTING TREE. 16. PROTECT AND PRESERVE GUY ANCHOR AND GUY WIRE. 17. PROTECT AND PRESERVE FIRE HYDRANT ASSEMBLY. 18. PROTECT AND PRESERVE COMMUNICATIONS PEDESTAL. 19. PROTECT AND PRESERVE TRANSIT BUS SHELTER. 20. PROTECT AND PRESERVE FLAGPOLE. 21. PROTECT AND PRESERVE STONE MASONRY PILLAR. 22. PROTECT AND PRESERVE BRICK MASONRY PILLAR. 23. CLEARING AND GRUBBING. TRIM/PRUNE CONFLICTING TREE BRANCHES. | <ol style="list-style-type: none"> 24. RELOCATE WATER METER BY OTHERS. 25. PROTECT AND PRESERVE ELECTRICAL TRANSFORMER. 26. ABANDON EXISTING CATCH BASIN. SEE PP SHEETS FOR STORM REVISIONS. 27. RELOCATE EXISTING LUMINAIRE SEE IL SHEETS. (INCIDENTAL TO ILLUMINATION SYSTEM BID ITEM) 28. RESETTING EXISTING HYDRANT. SEE PP SHEETS. 29. PROTECT AND PRESERVE EXISTING POWER POLE. 30. REMOVAL OF STRUCTURES AND OBSTRUCTIONS. REMOVE AND RESET FENCE. 31. PROTECT AND PRESERVE EXISTING TREE. 32. REMOVING CEMENT CONC. CURB AND REMOVING CEMENT CONC. CURB AND GUTTER PAID AS ROADWAY EXCAVATION INCLUDING HAUL. 33. PROTECT AND PRESERVE EXISTING UTILITY VAULT/BOX. 34. REMOVAL OF STRUCTURES AND OBSTRUCTIONS, REMOVE AND SALVAGE SEGMENTAL BLOCK WALL LOCATED INSIDE RIGHT-OF-WAY TO PROPERTY OWNER. |
|--|---|--|

REMOVAL LEGEND

- SAWCUT (TYP) (INCIDENTAL)
- PLANING BITUMINOUS PAVEMENT (0.17')
- REMOVING ASPHALT CONCRETE PAVEMENT (PAID AS ROADWAY EXCAVATION INCLUDING HAUL)
- REMOVING CEMENT CONCRETE SIDEWALK (PAID AS ROADWAY EXCAVATION INCLUDING HAUL)
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BY:	
DATE:	
REVISIONS:	

SCJ ALLIANCE
CONSULTING SERVICES

212 N TOWER AVE, CENTRALIA, WA 98531
P: 360.669.0700 F: 360.352.1509
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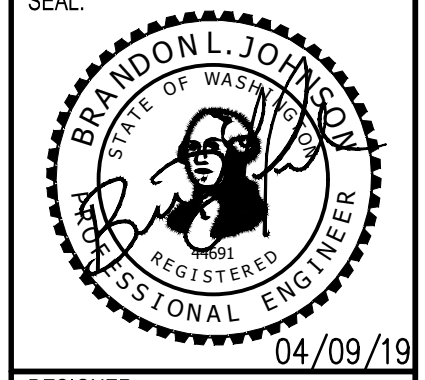
REMOVAL PLAN

BORST AVENUE
CENTRALIA, WA

SHEET TITLE:

PROJECT NAME:

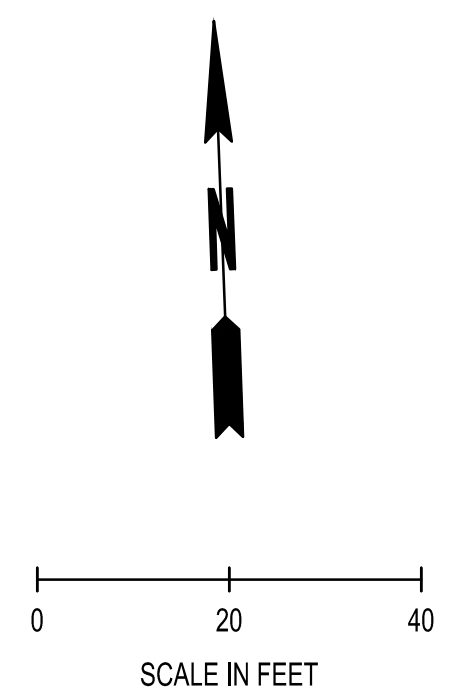
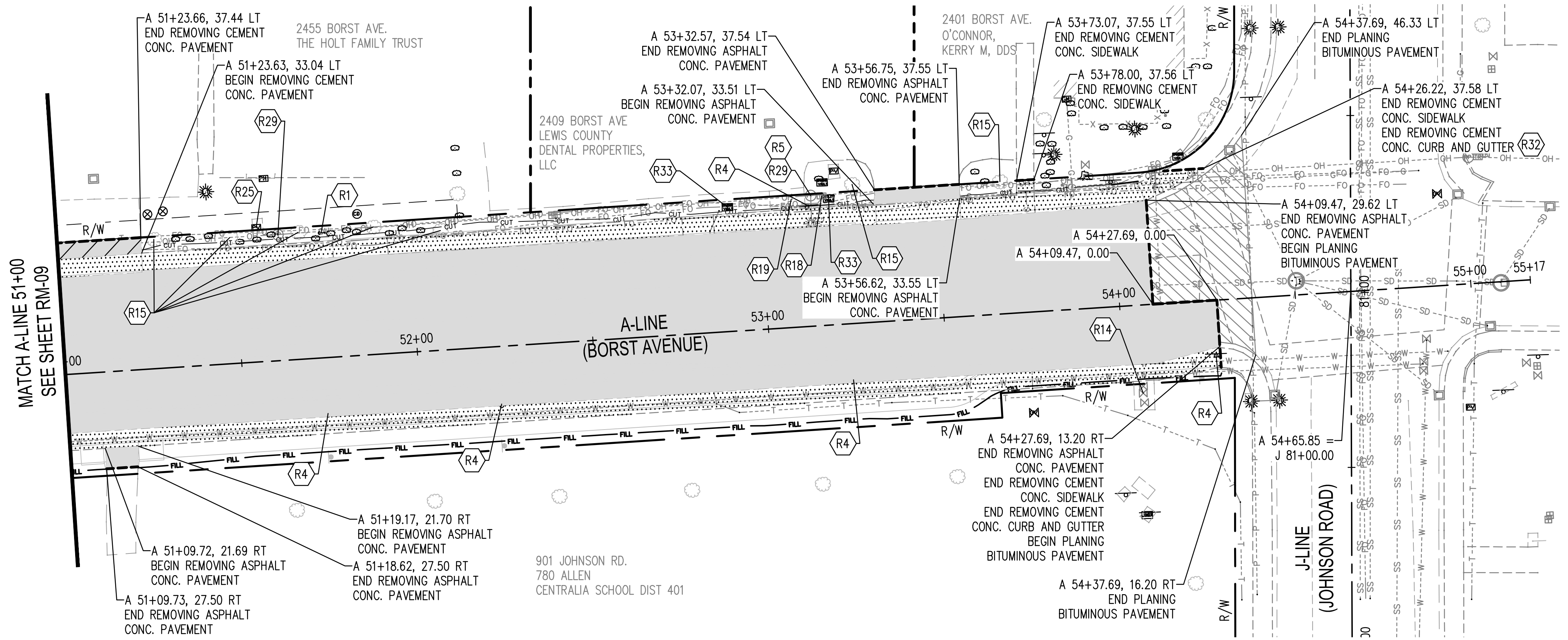
CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 RM-01
DRAWING NO.:	RM-09
SHEET NO.:	26 OF 88

Apr 09, 2019 8:58:39am - User: jpbh.brannin
N:\PROJECTS\0635.04 LEWIS COUNTY BORST AVENUE IMPROVEMENT\CAUD\0635.04_RM-01.DWG

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



MATCH A-LINE 51+00
SEE SHEET RM-09

BY	
DATE	
REVISIONS	

SCJ ALLIANCE
CONSULTING SERVICES
212 N TOWER AVE, CENTRALIA, WA 98531
P: 360.669.0700 F: 360.352.1509
SCJALLIANCE.COM

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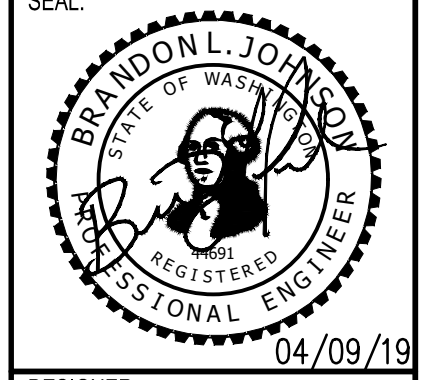
REMOVAL NOTES

- | | | |
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REMOVAL LEGEND

- SAWCUT (TYP) (INCIDENTAL)
- PLANING BITUMINOUS PAVEMENT (0.17')
- REMOVING ASPHALT CONCRETE PAVEMENT (PAID AS ROADWAY EXCAVATION INCLUDING HAUL)
- REMOVING CEMENT CONCRETE SIDEWALK (PAID AS ROADWAY EXCAVATION INCLUDING HAUL)
- REMOVING CEMENT CONCRETE PAVEMENT (REMOVE FULL DEPTH OF CONCRETE PANEL, PAID AS ROADWAY EXCAVATION INCLUDING HAUL)

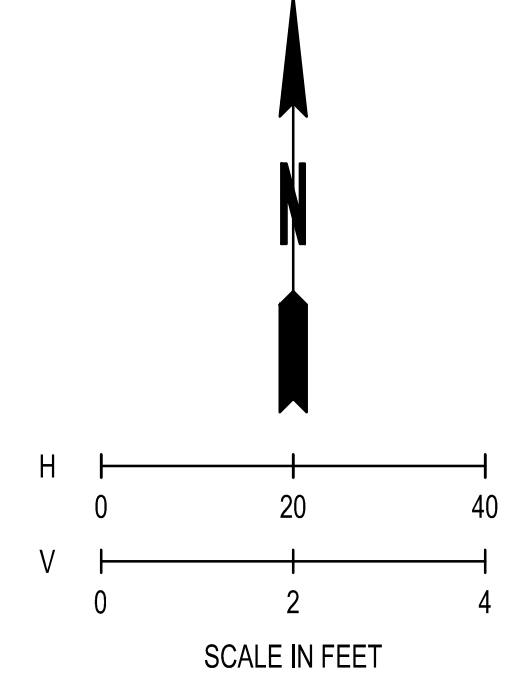
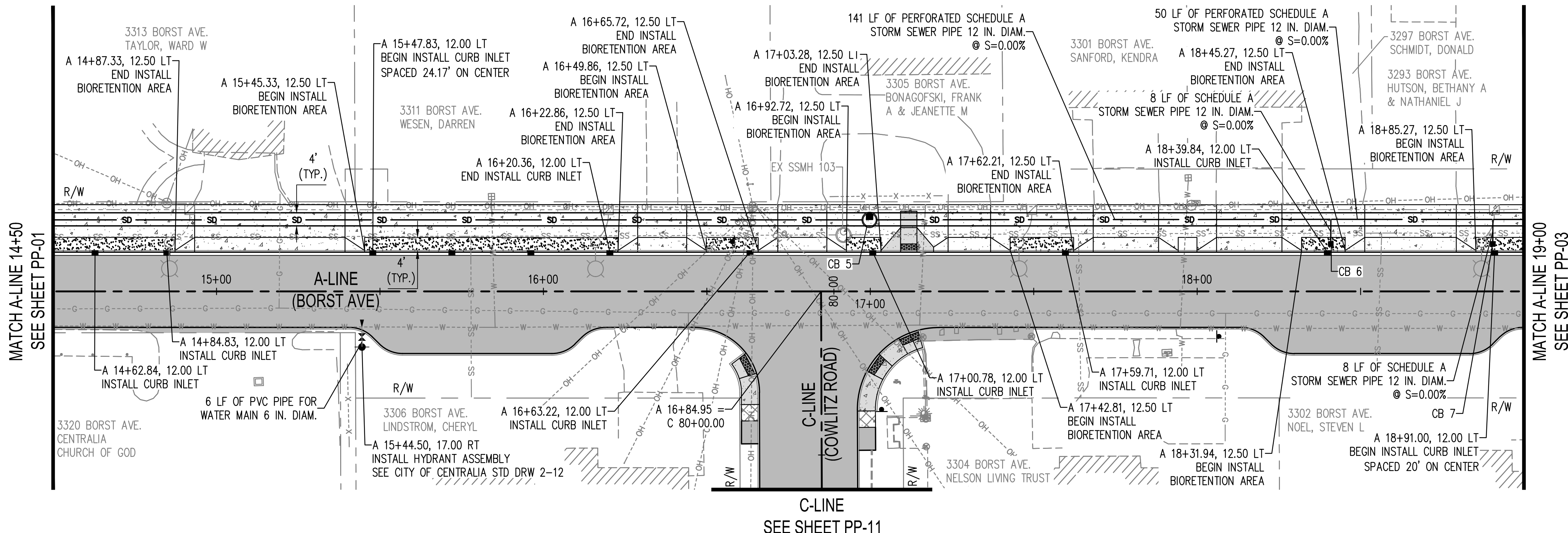
SHEET TITLE: **REMOVAL PLAN**
PROJECT NAME: **BORST AVENUE CENTRALIA, WA**
CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO:	0635.04
DRAWING FILE NO:	0635.04 RM-01
DRAWING NO:	RM-10
SHEET NO:	27 OF 88

Apr 09, 2019 8:58:54am - User: jpbh.brannin N:\PROJECTS\0635.04 LEWIS COUNTY BORST AVENUE IMPROVEMENT\CAVD\0635.04_RM-01.DWG

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



CONSTRUCTION NOTE

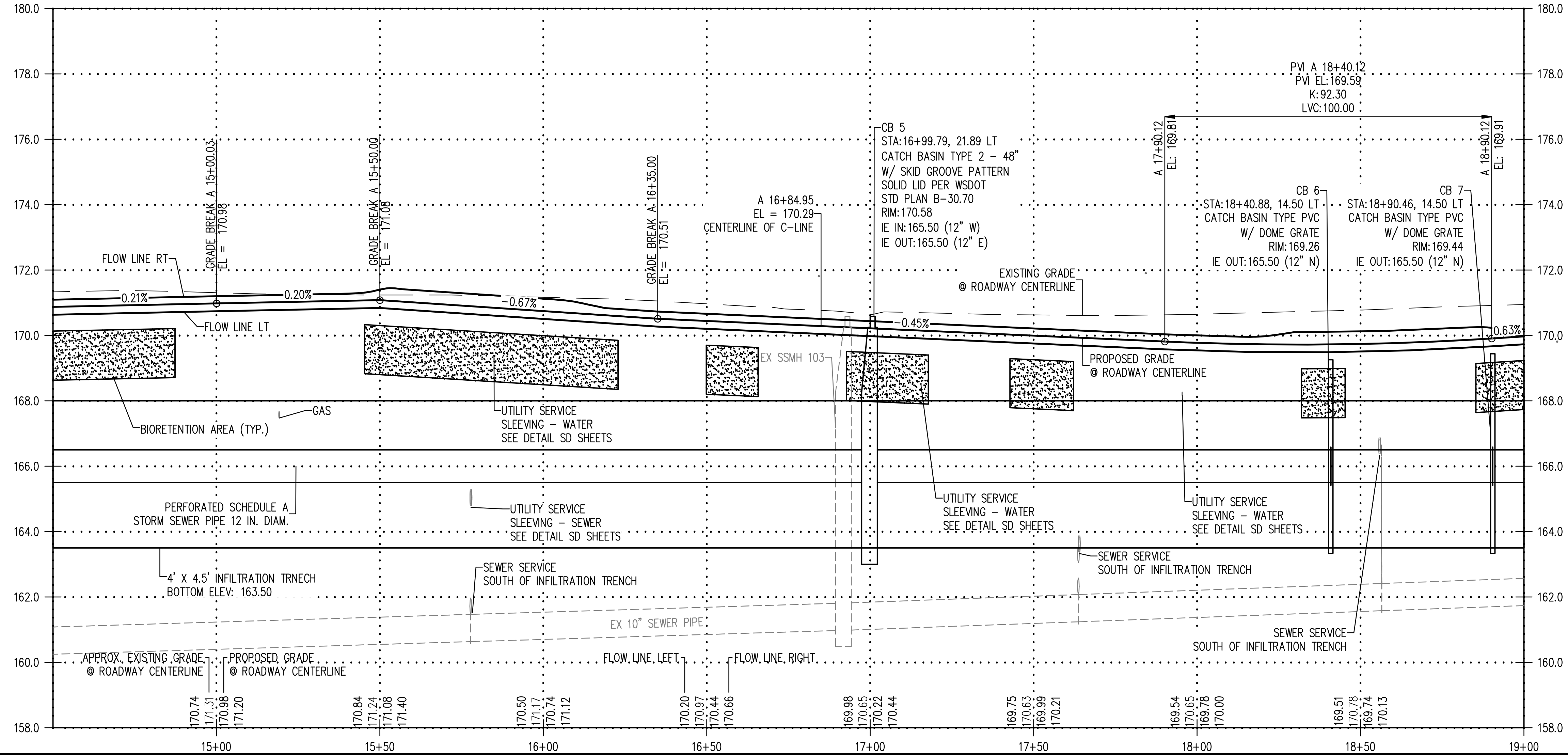
- FOR ROADWAY AND SIDEWALK INFORMATION SEE PV SHEETS.

LEGEND

- CATCH BASIN TYPE PVC WITH DOMED GRATE SEE DETAIL ON SD SHEETS
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STORM DRAINAGE NOTES:

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- LOCKING SOLID METAL COVER AND FRAME FOR CATCH BASIN SEE WSDOT STD PLAN B-30.20.
- BEEHIVE GRATE SEE DETAIL ON SD SHEETS.



REVISIONS	DATE	BY

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PLAN & PROFILE
BORST AVENUE
CENTRALIA, WA

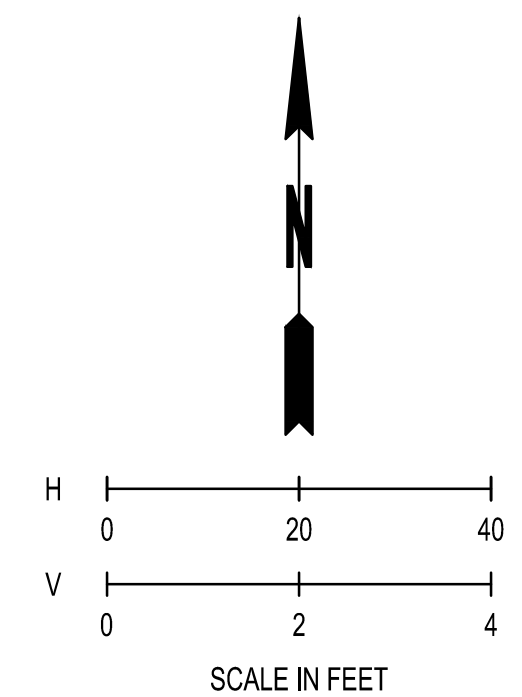
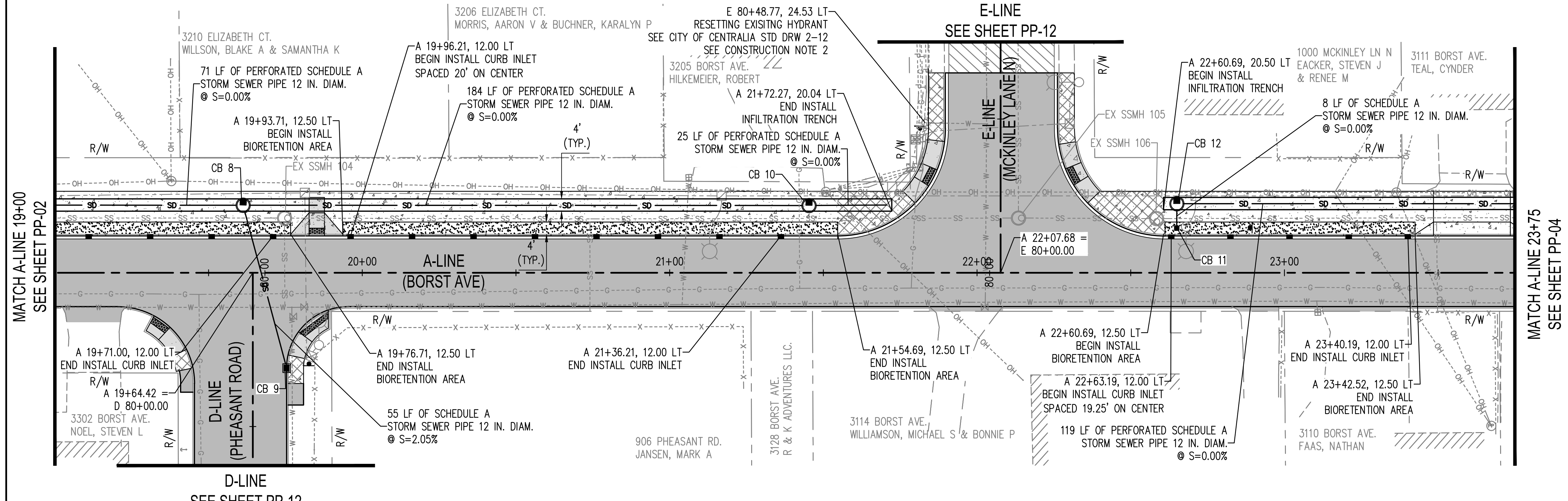
SHEET TITLE: PROJECT NAME: CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 PP-01
DRAWING NO.:	PP-02
SHEET NO.:	29 of 88

Apr 09, 2019 9:00:30am - User: jpbh.brannin N:\PROJECTS\0635 LEWIS COUNTY\0635.04 LEWIS COUNTY BORST AVENUE IMPROVEMENT\CADD\0635.04 PP-01.DWG

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



CONSTRUCTION NOTE

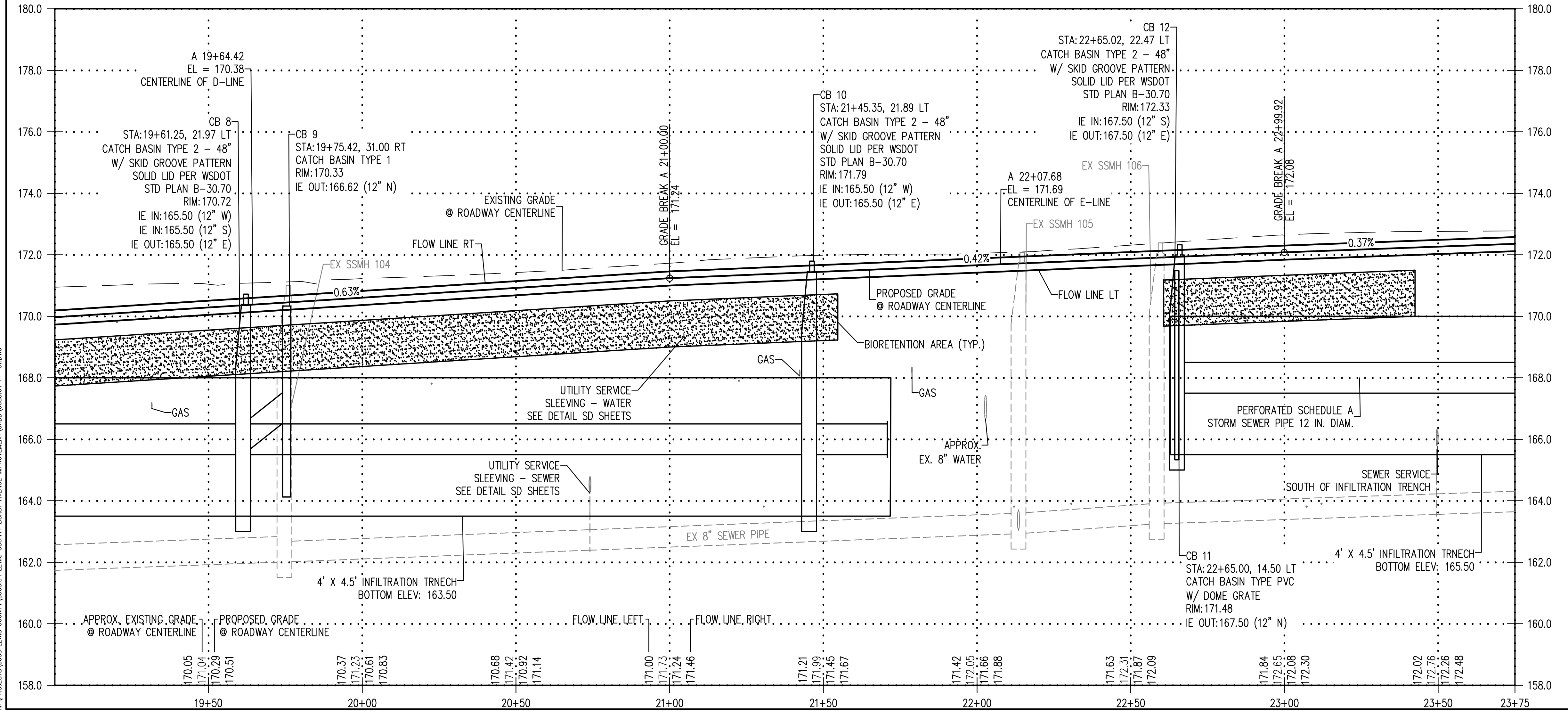
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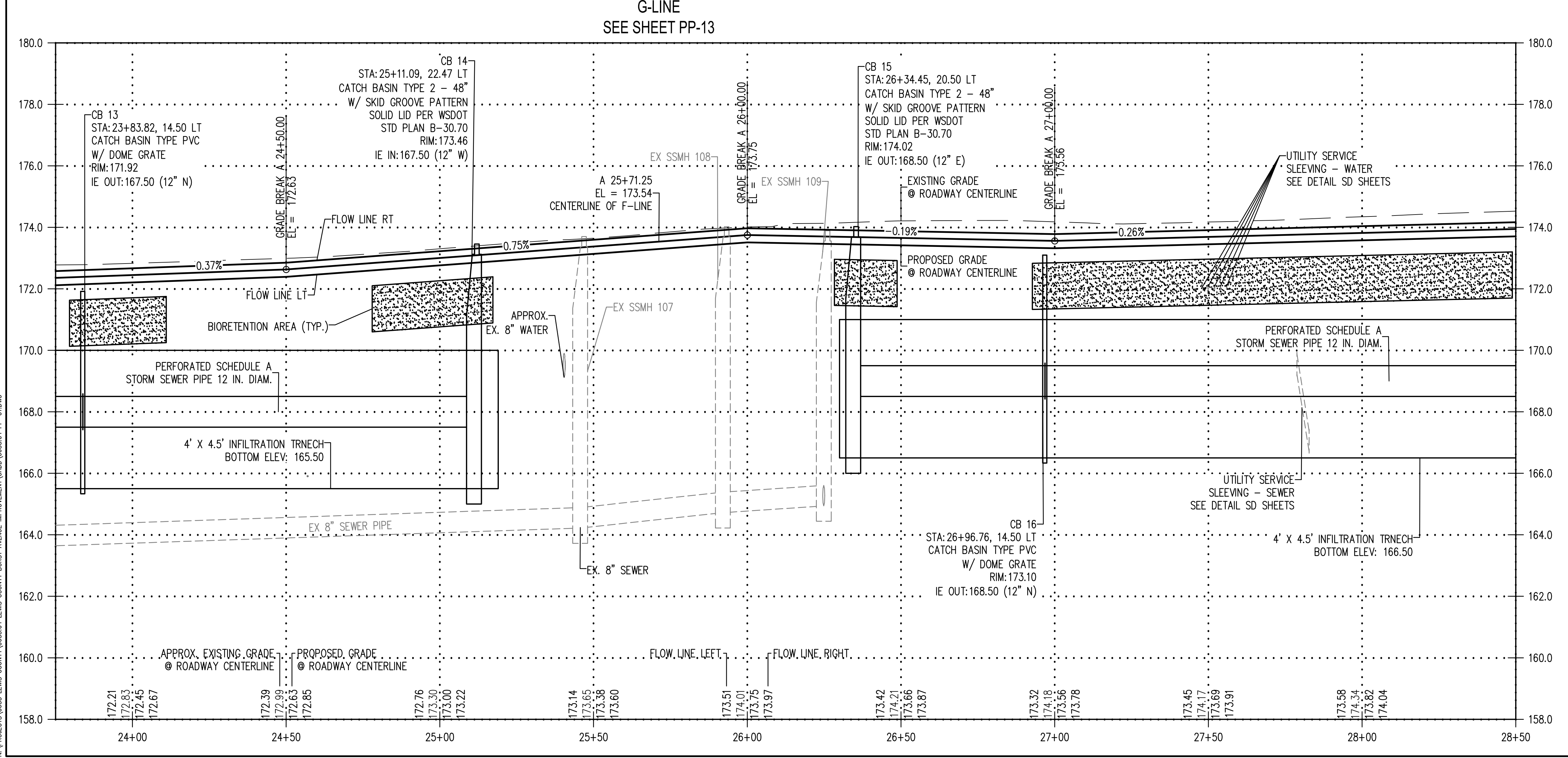
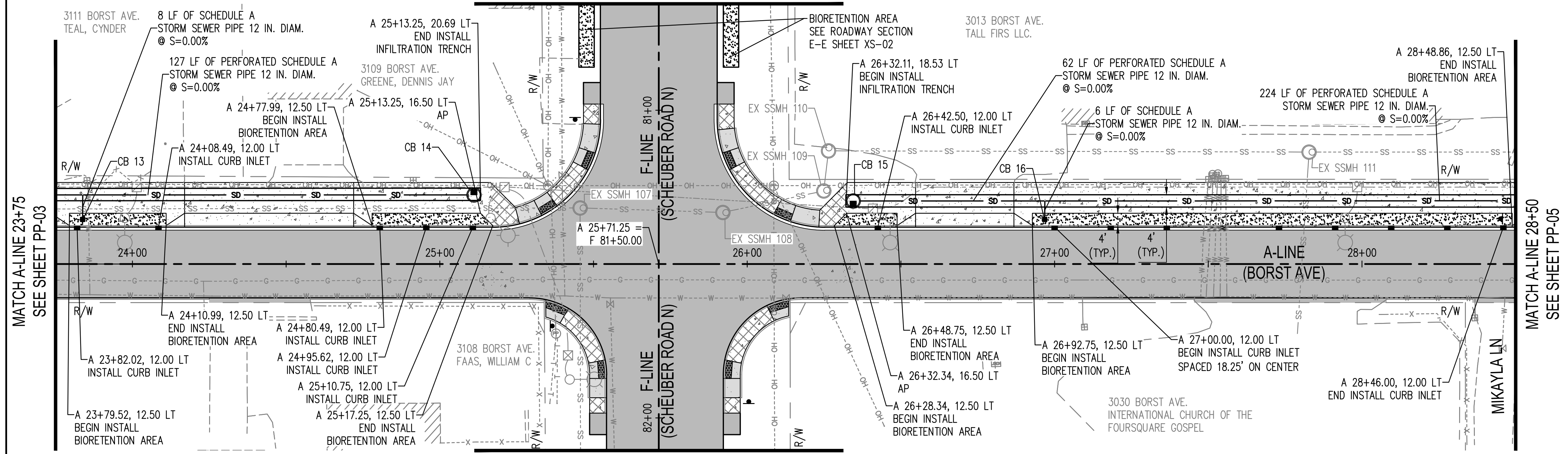
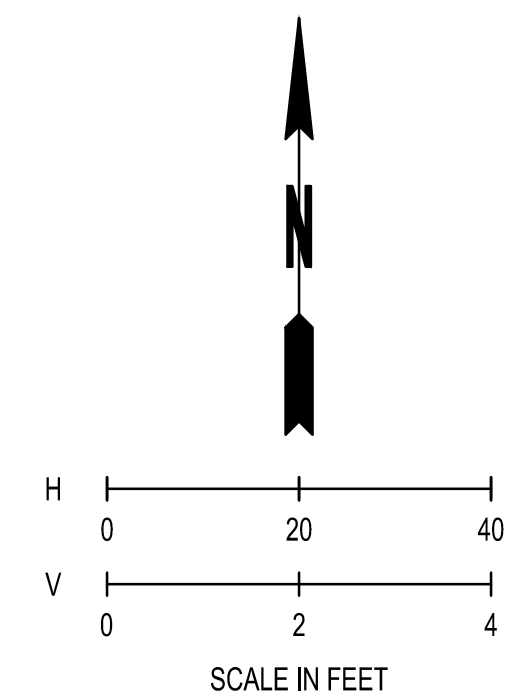
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BY	
DATE	
REVISIONS	
<p>SCJ ALLIANCE CONSULTING SERVICES 212 N TOWER AVE, CENTRALIA, WA 98531 P: 360.669.0700 F: 360.352.1509 SCJALLIANCE.COM</p>	
<p>PLAN & PROFILE</p> <p>BORST AVENUE</p> <p>CENTRALIA, WA</p>	
SHEET TITLE:	CRP 2139
PROJECT NAME:	
DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04-PP-01
DRAWING NO.:	PP-03
SHEET NO.:	30 OF 88

Apr 08, 2019 9:01:00am - User: path.brennin
 N:\PROJECTS\0635.04 LEWIS COUNTY BORST AVENUE IMPROVEMENT\CADD\0635.04 PP-01.DWG

G-LINE SEE SHEET PP-13 SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



CONSTRUCTION NOTE

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LEGEND

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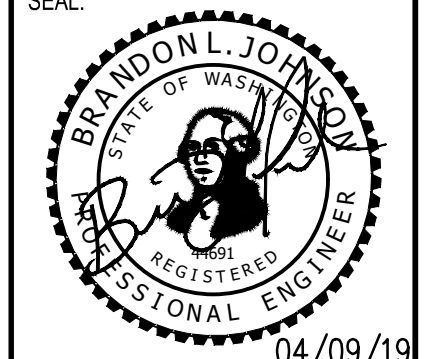
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REVISIONS	DATE	BY

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PLAN & PROFILE
BORST AVENUE
CENTRALIA, WA

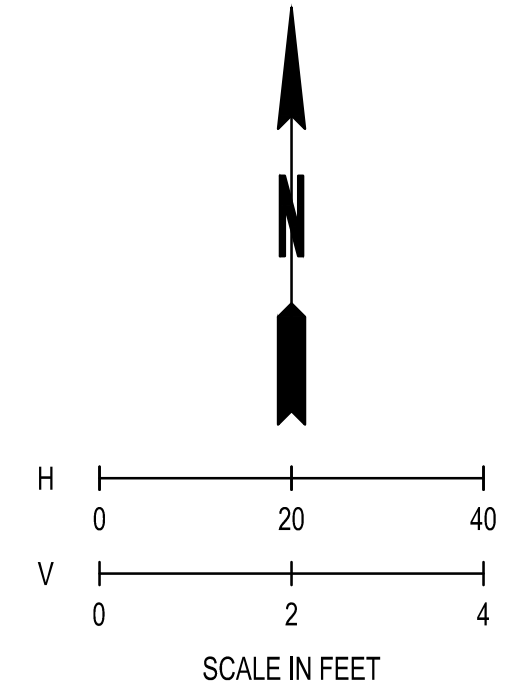
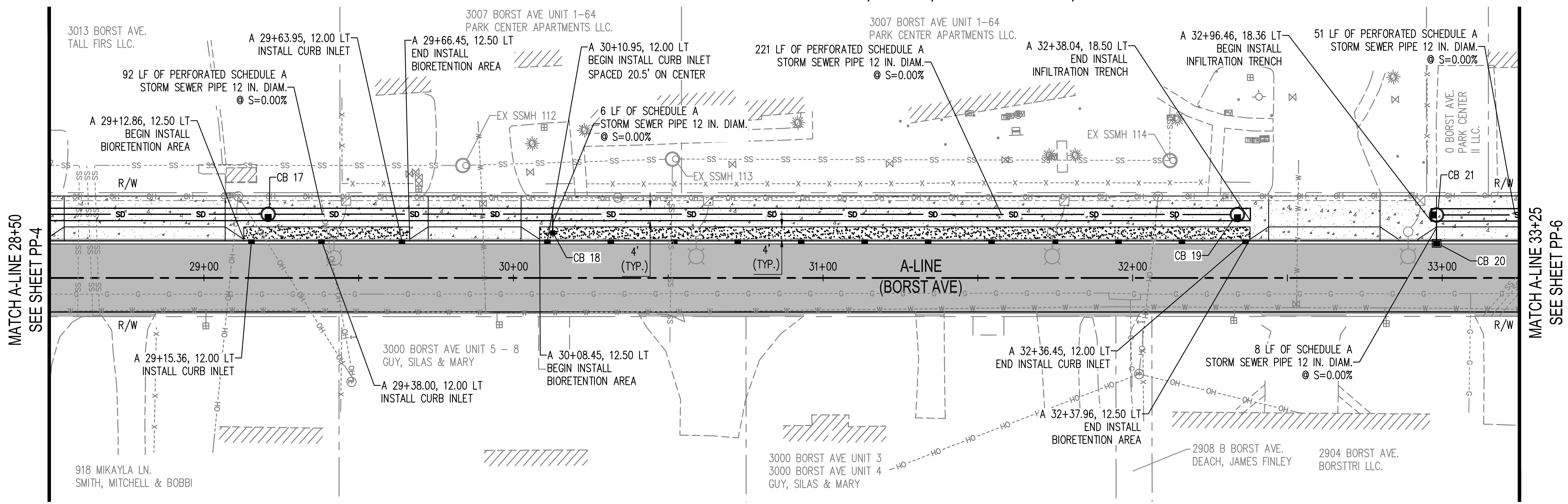
SHEET TITLE: PLAN & PROFILE
PROJECT NAME: BORST AVENUE
CRP 2139



DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 PP-01
DRAWING NO: PP-04
SHEET NO: 31 of 88

Apr 09, 2019, 9:01:30am - User: path.brennin
N:\PROJECTS\0635 LEWIS COUNTY\0635.04 LEWIS COUNTY BORST AVENUE IMPROVEMENT\CADD\0635.04 PP-01.DWG

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



CONSTRUCTION NOTE

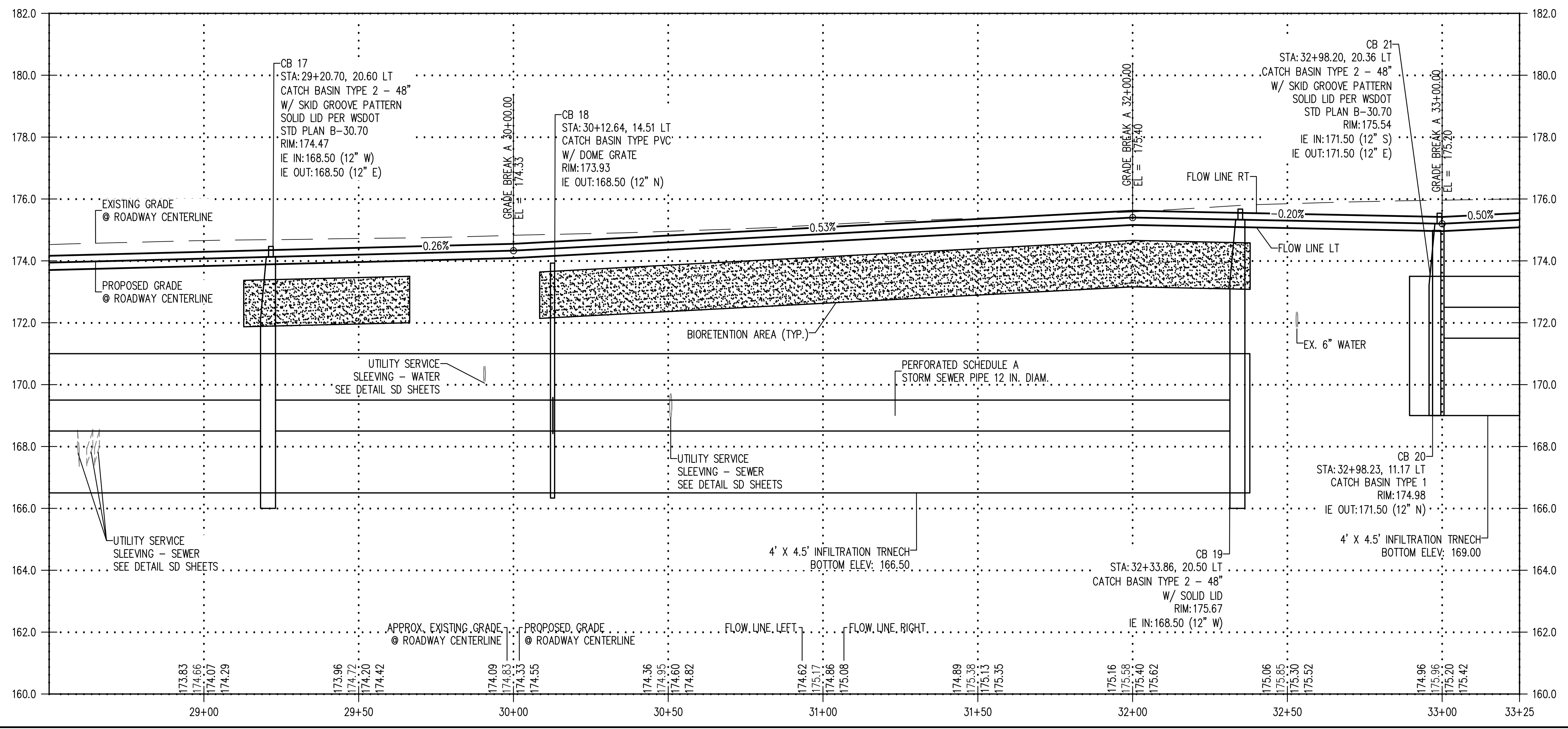
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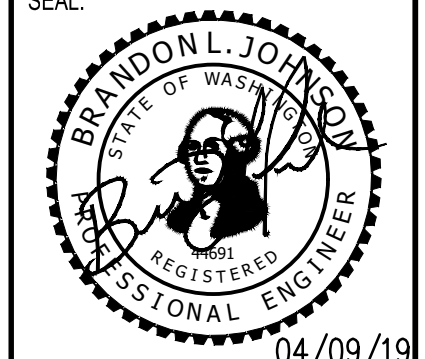


REVISIONS	DATE	BY

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CONSULTING SERVICES
212 N TOWER AVE, CENTRALIA, WA 98531
P: 360.669.0700 F: 360.352.1509
SCJALLIANCE.COM

PLAN & PROFILE
BORST AVENUE
CENTRALIA, WA

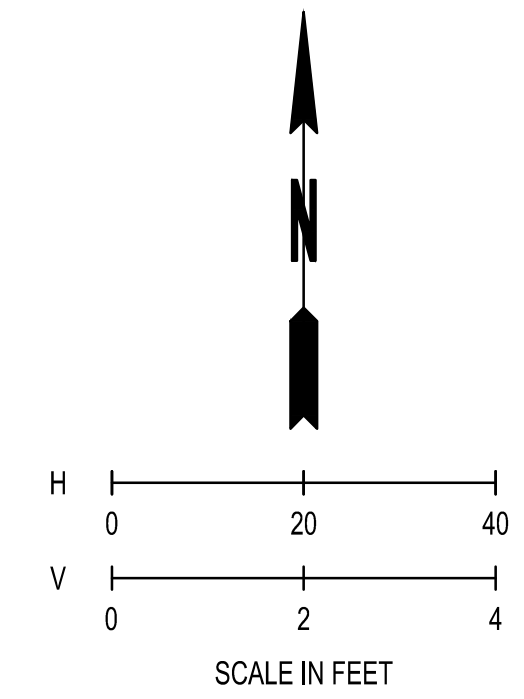
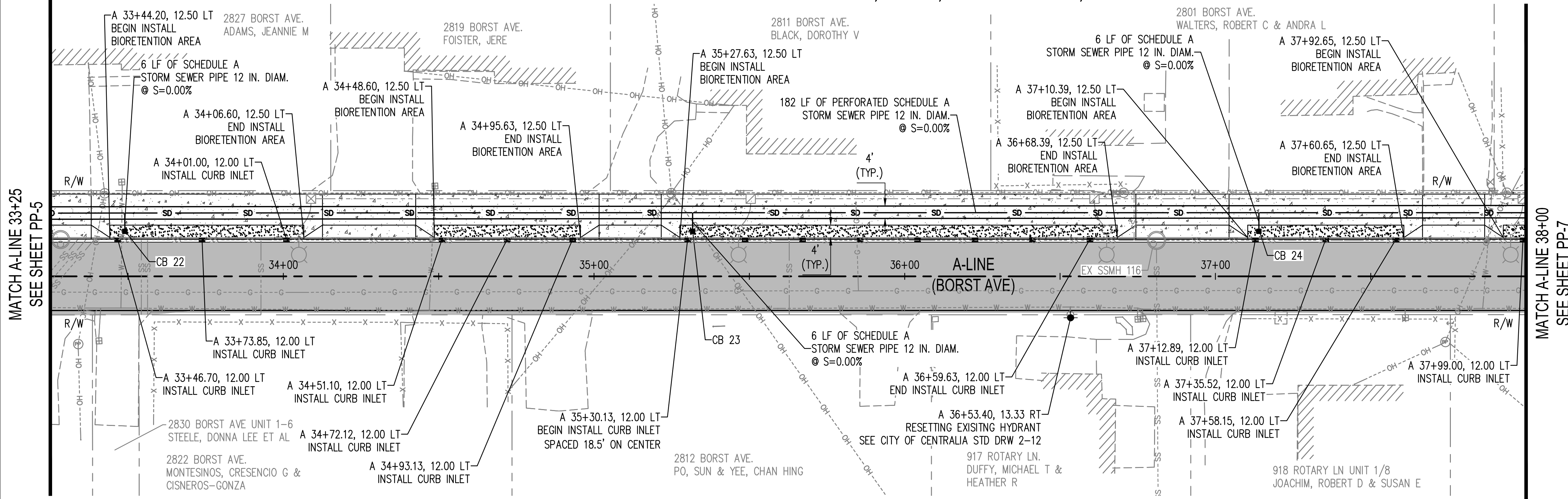
SHEET TITLE: PLAN & PROFILE
PROJECT NAME: BORST AVENUE
CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 PP-01
DRAWING NO.:	PP-05
SHEET NO.:	32 OF 88

Apr 09, 2019 9:02:00am - User: jpbh.bramm
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SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



CONSTRUCTION NOTE

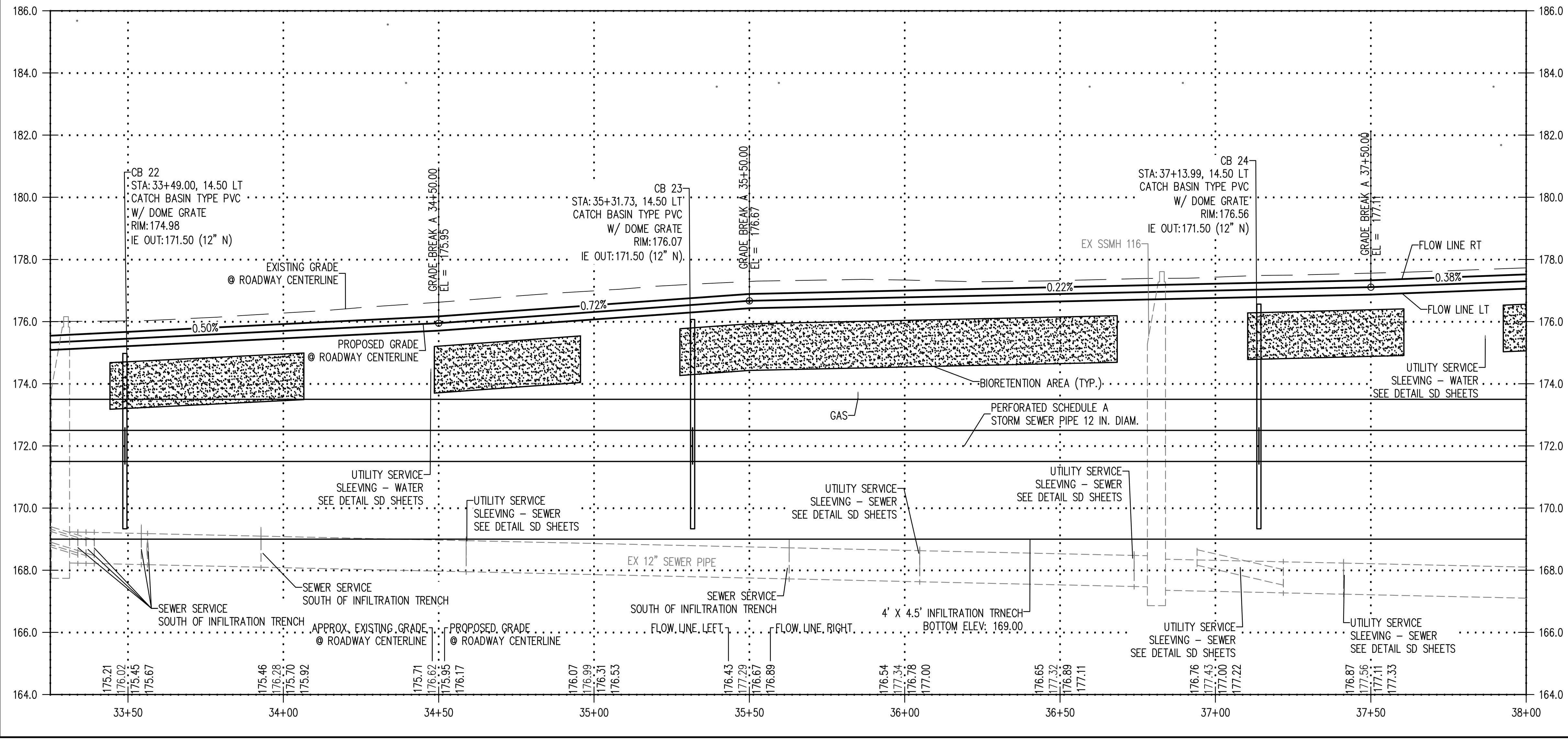
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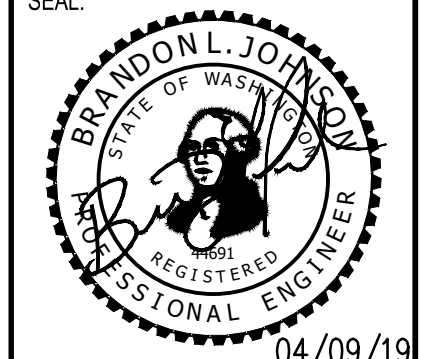


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SCJ ALLIANCE
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212 N TOWER AVE, CENTRALIA, WA 98531
P: 360.669.0700 F: 360.352.1509
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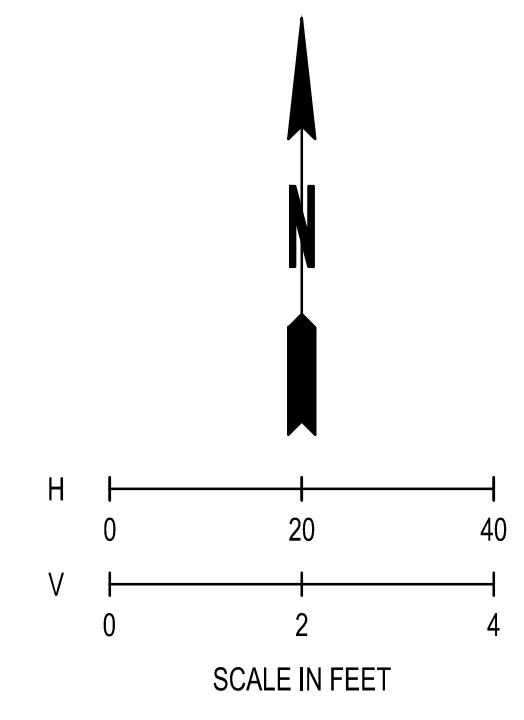
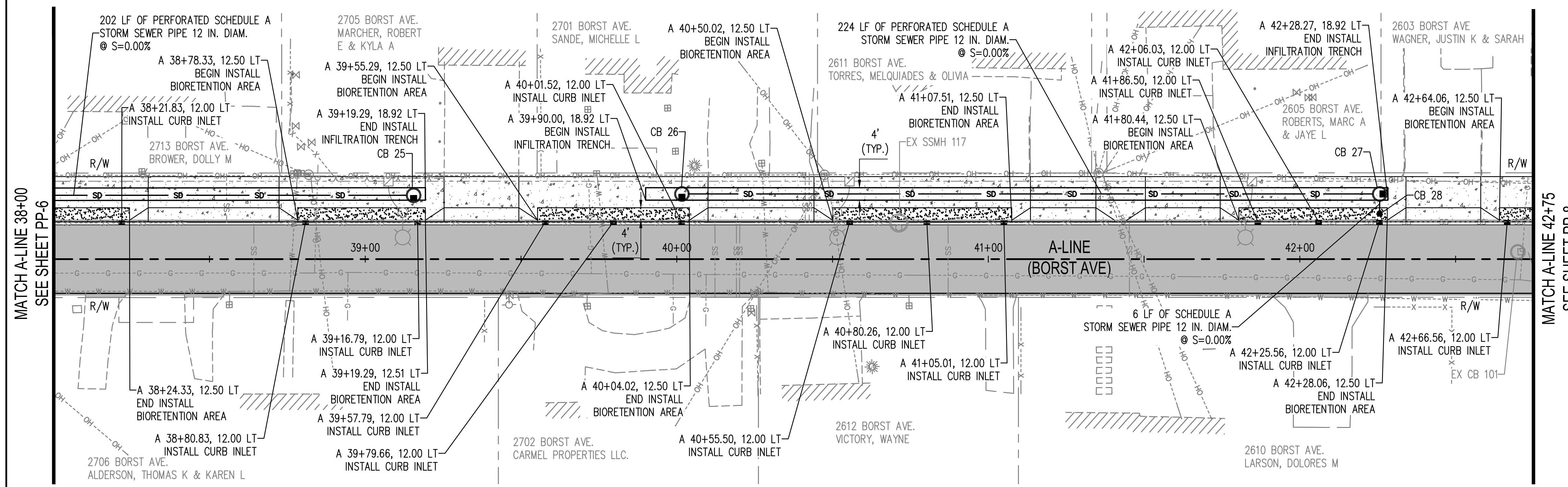
PLAN & PROFILE
BORST AVENUE
CENTRALIA, WA

SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 PP-01
DRAWING NO: PP-06
SHEET NO: 33 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



CONSTRUCTION NOTE

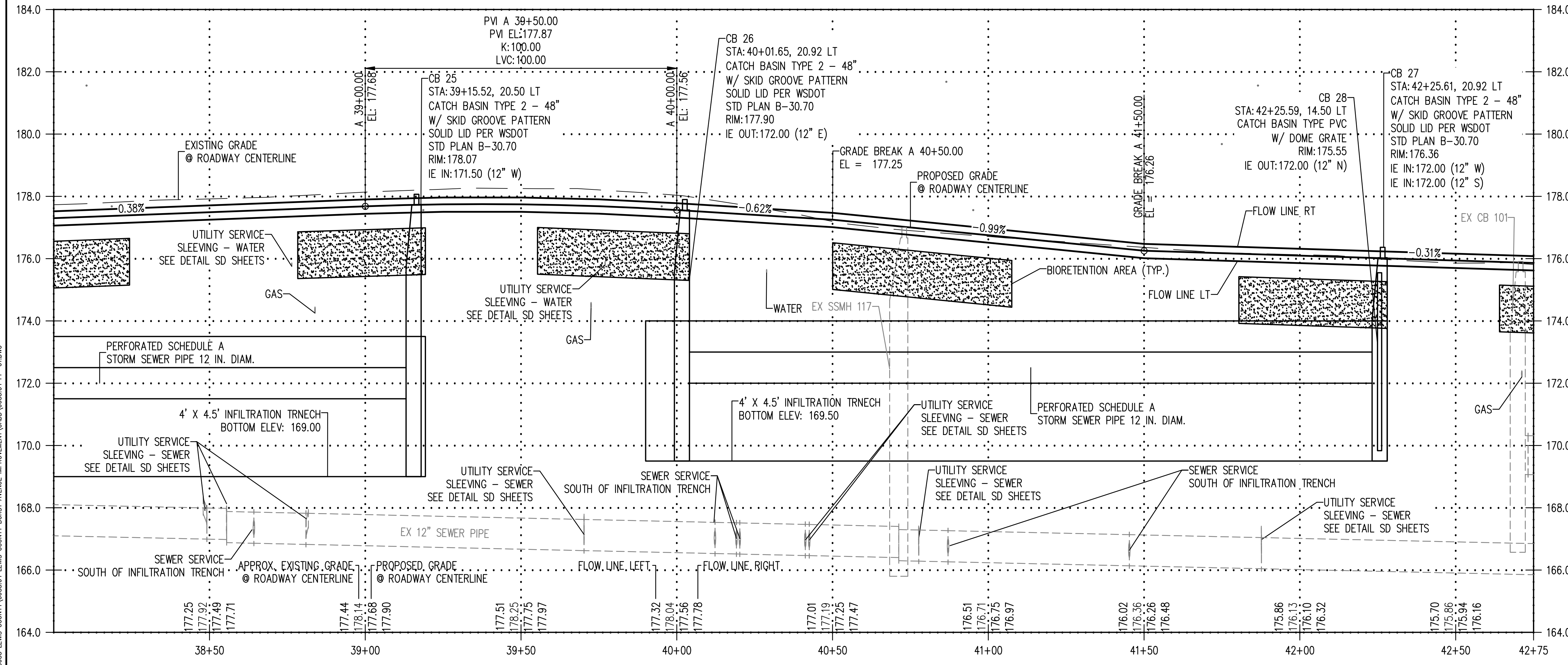
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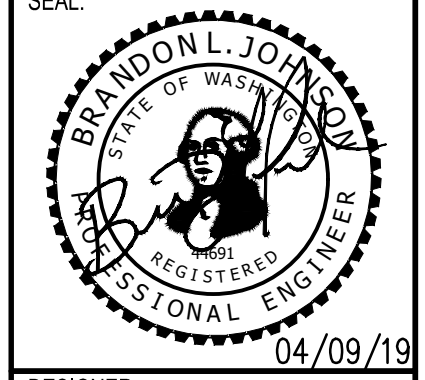


REVISIONS	DATE	BY

SCJ ALLIANCE
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212 N TOWER AVE, CENTRALIA, WA 98531
P: 360.669.0700 F: 360.352.1509
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PLAN & PROFILE
BORST AVENUE
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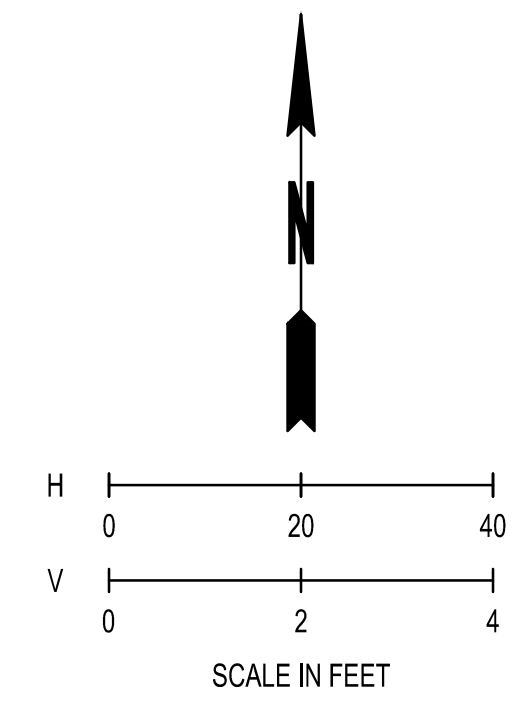
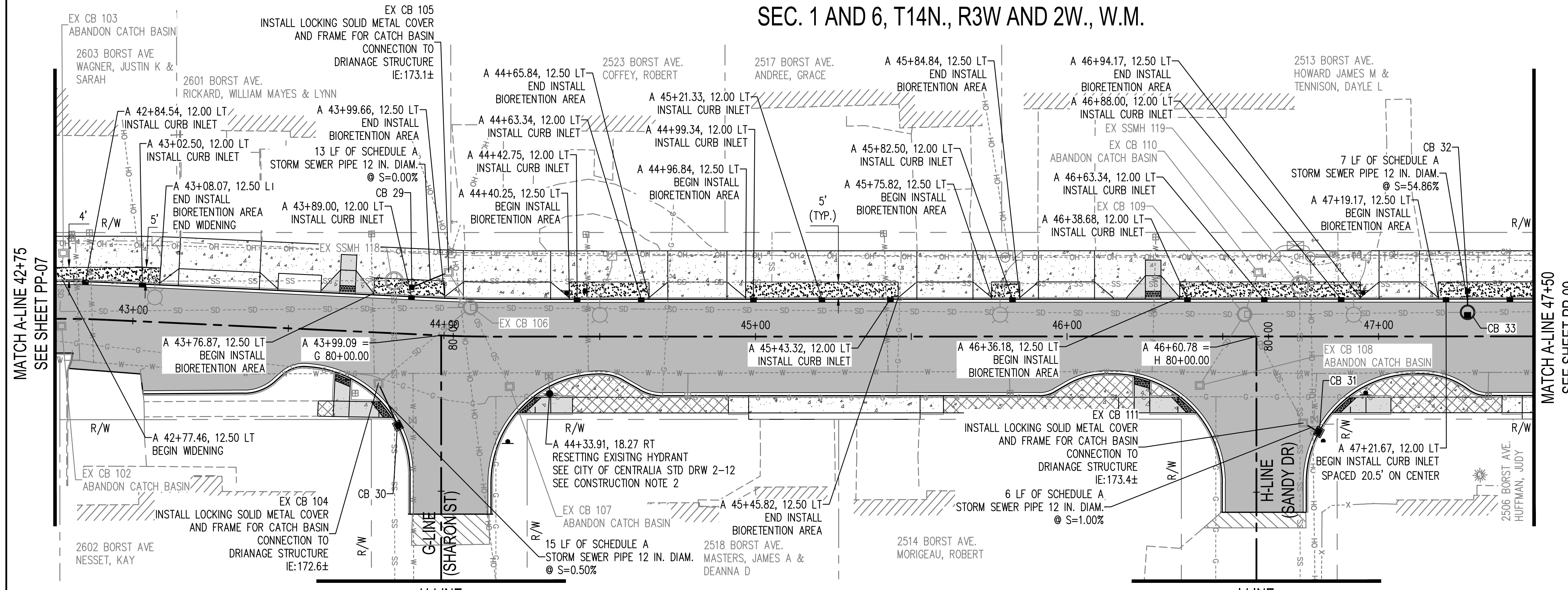
SHEET TITLE: PLAN & PROFILE
PROJECT NAME: BORST AVENUE
CRP: 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04-PP-01
DRAWING NO.:	PP-07
SHEET NO.:	34 OF 88

Apr 08, 2019 9:03:00am - User: jpbh.brannin
 N:\PROJECTS\0635.04 LEWIS COUNTY BORST AVENUE IMPROVEMENT\CADD\0635.04 PP-01.DWG

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



CONSTRUCTION NOTE

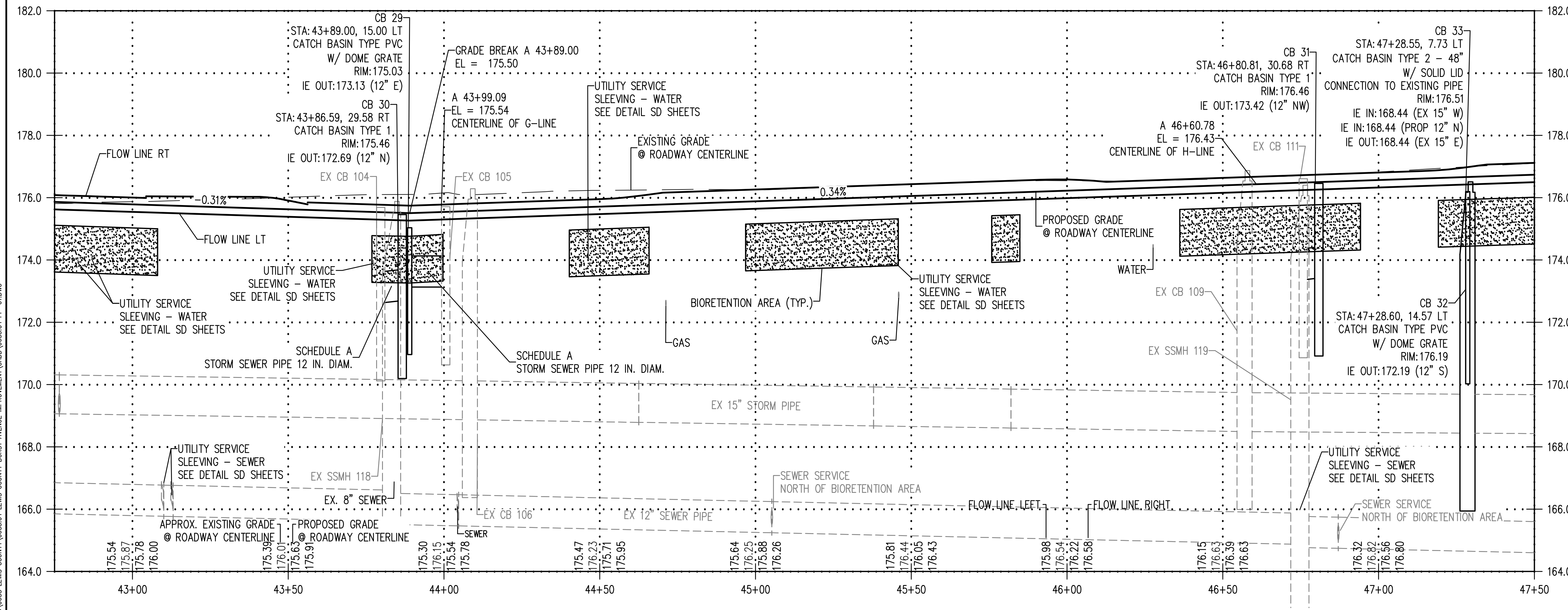
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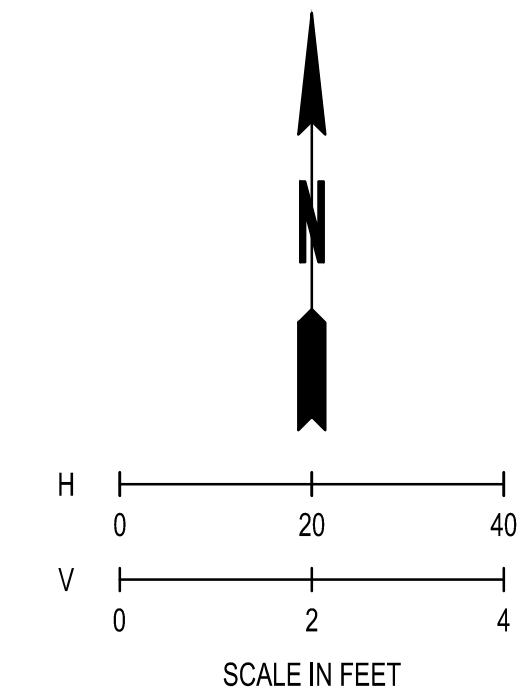
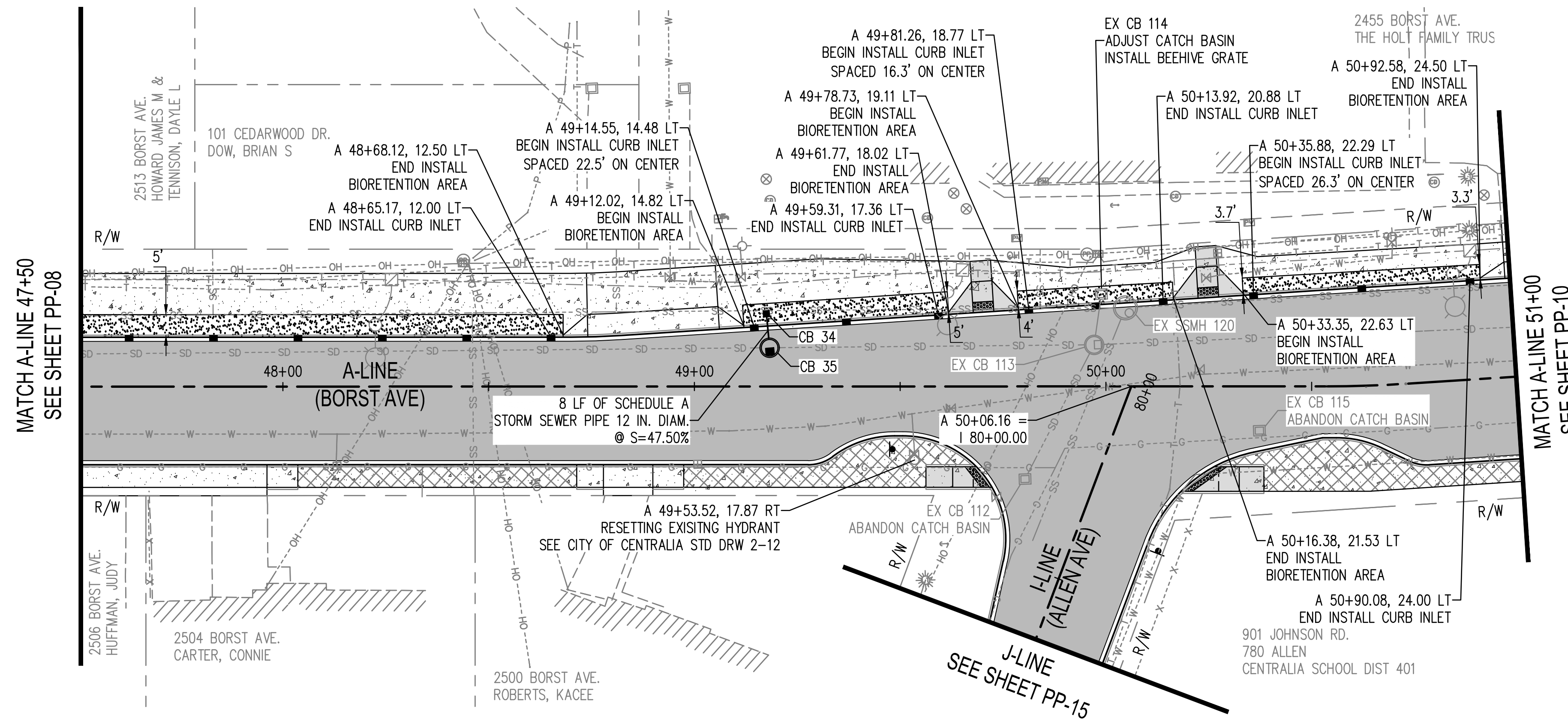
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DATE	
REVISIONS	
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<p>PLAN & PROFILE</p> <p>BORST AVENUE</p> <p>CENTRALIA, WA</p>	
SHEET TITLE:	CRP 2139
PROJECT NAME:	
DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04-PP-01
DRAWING NO.:	PP-08
SHEET NO.:	35 OF 88

Apr 08, 2019 9:03:30am - User: jbrannin
 N:\PROJECTS\0635 LEWIS COUNTY\0635.04 LEWIS COUNTY BORST AVENUE IMPROVEMENT\CADD\0635.04 PP-01.DWG

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



CONSTRUCTION NOTE

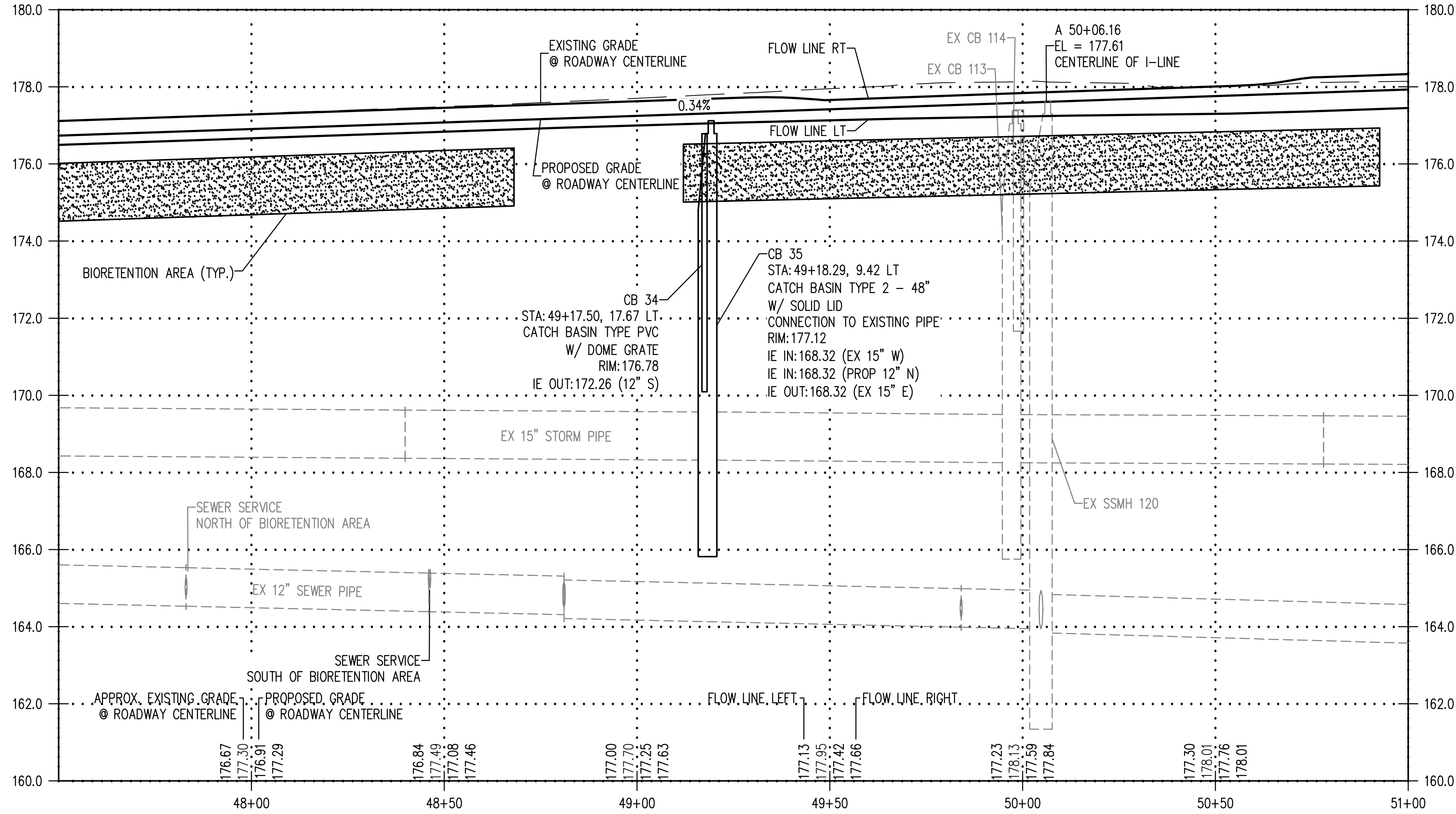
- FOR ROADWAY AND SIDEWALK INFORMATION SEE PV SHEETS.

LEGEND

- CATCH BASIN TYPE PVC WITH DOMED GRATE SEE DETAIL ON SD SHEETS
- CATCH BASIN TYPE 1 SEE WSDOT STD PLAN B-5.20
- CATCH BASIN TYPE 2 SEE WSDOT STD PLAN B-10.20
- CURB INLET SEE DETAIL ON SD SHEETS
- EXISTING CATCH BASIN TYPE 1
- EXISTING CATCH BASIN TYPE 2
- INFILTRATION TRENCH SEE DETAIL ON XS SHEETS
- ▨ BIORETENTION AREA SEE DETAIL ON XS SHEETS

STORM DRAINAGE NOTES:

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- CATCH BASIN TYPE PVC WITH DOMED GRATE SEE DETAIL ON SD SHEETS.
- LOCKING SOLID METAL COVER AND FRAME FOR CATCH BASIN SEE WSDOT STD PLAN B-30.20.
- BEEHIVE GRATE SEE DETAIL ON SD SHEETS.

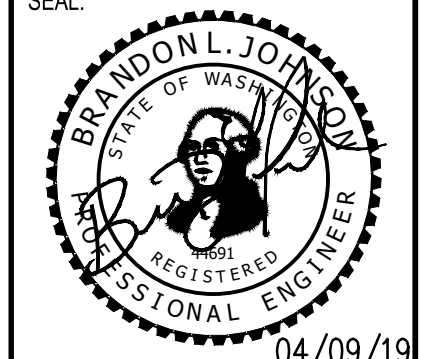


REVISIONS	DATE	BY

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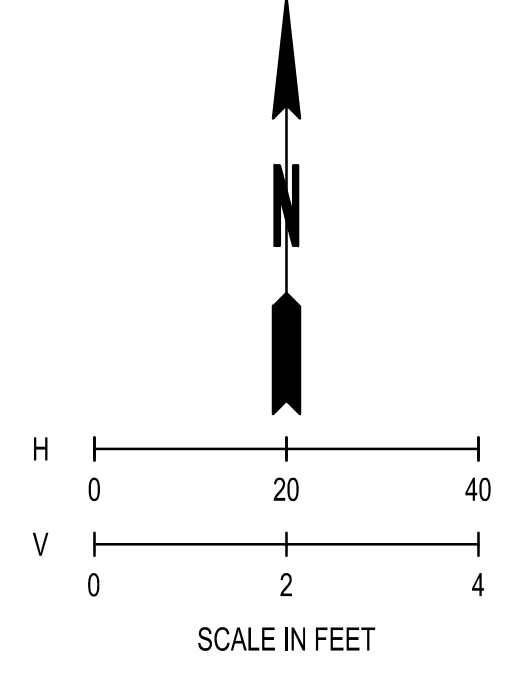
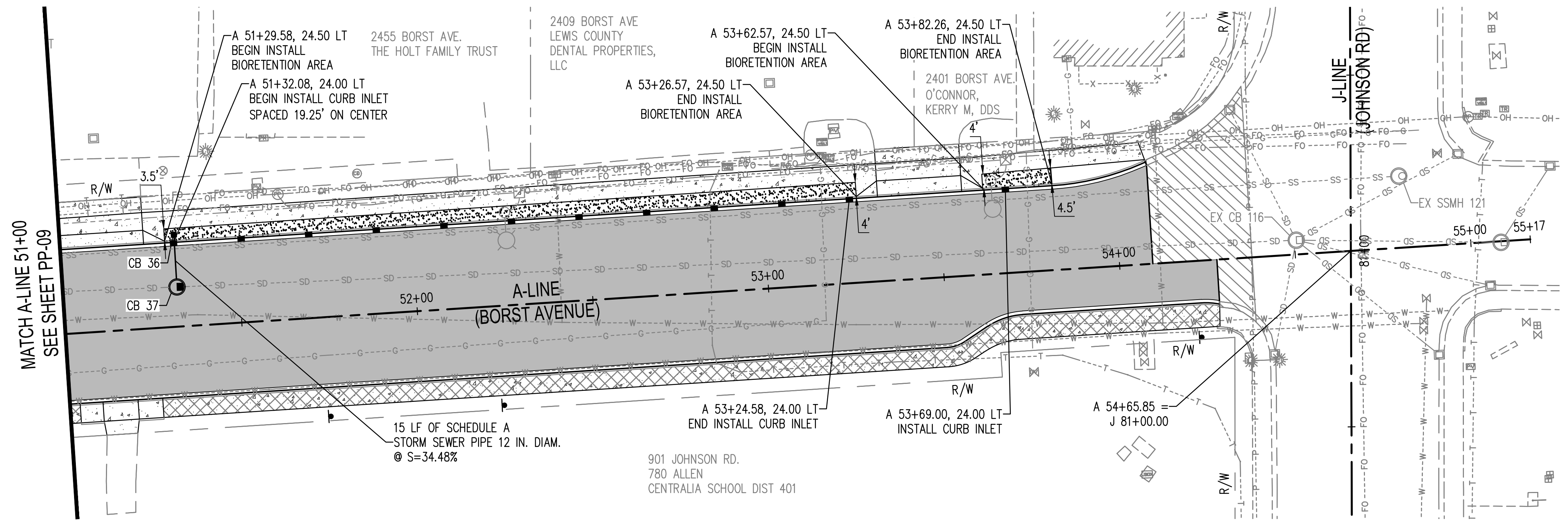
PLAN & PROFILE
BORST AVENUE
CENTRALIA, WA

SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 PP-01
DRAWING NO: PP-09
SHEET NO: 36 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



CONSTRUCTION NOTE

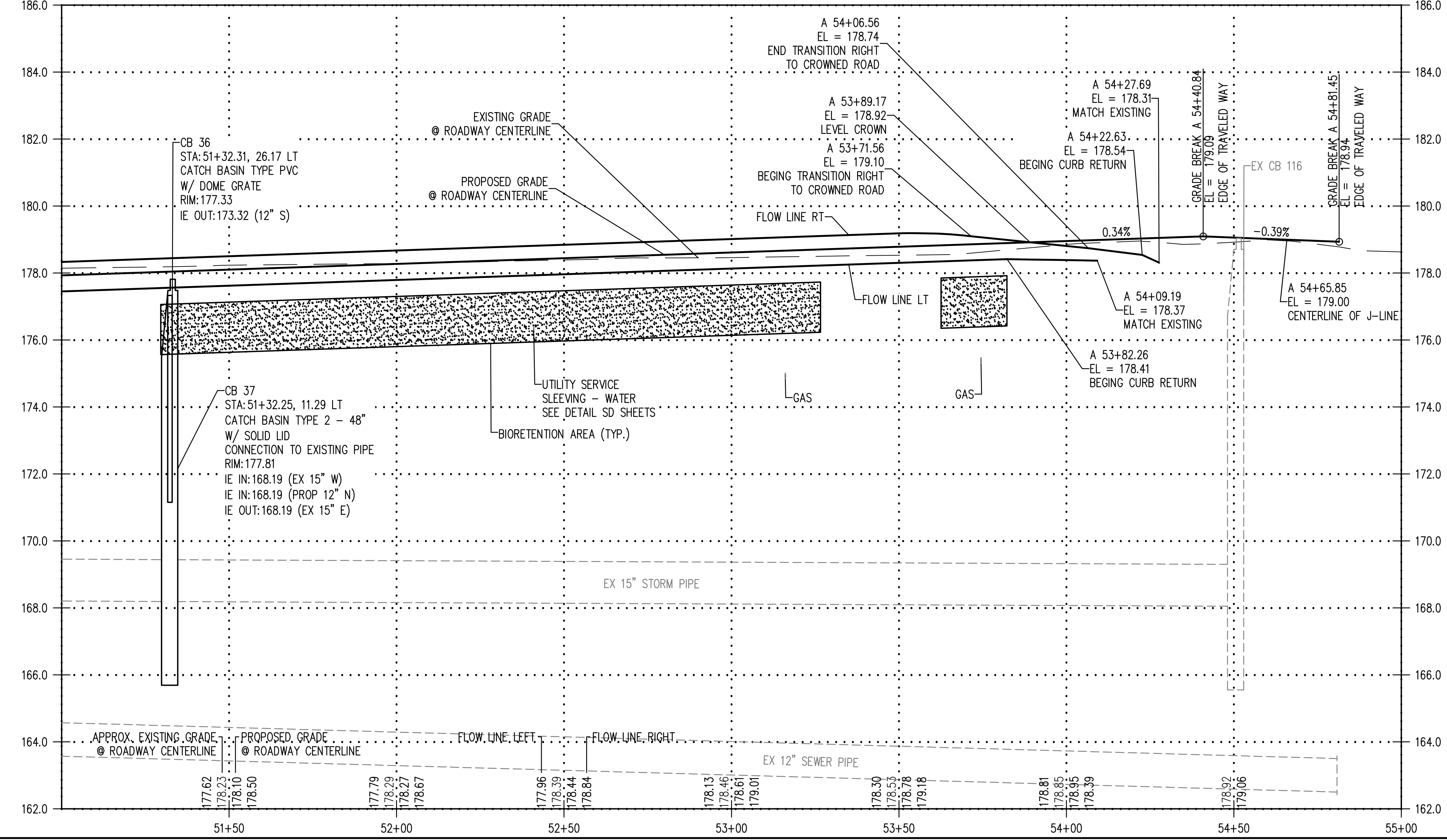
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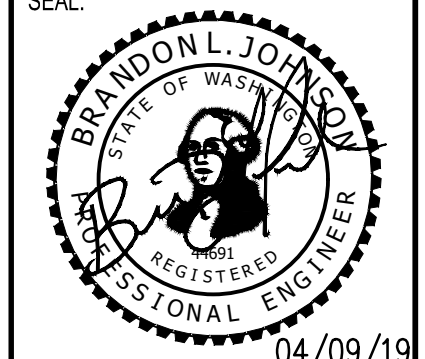


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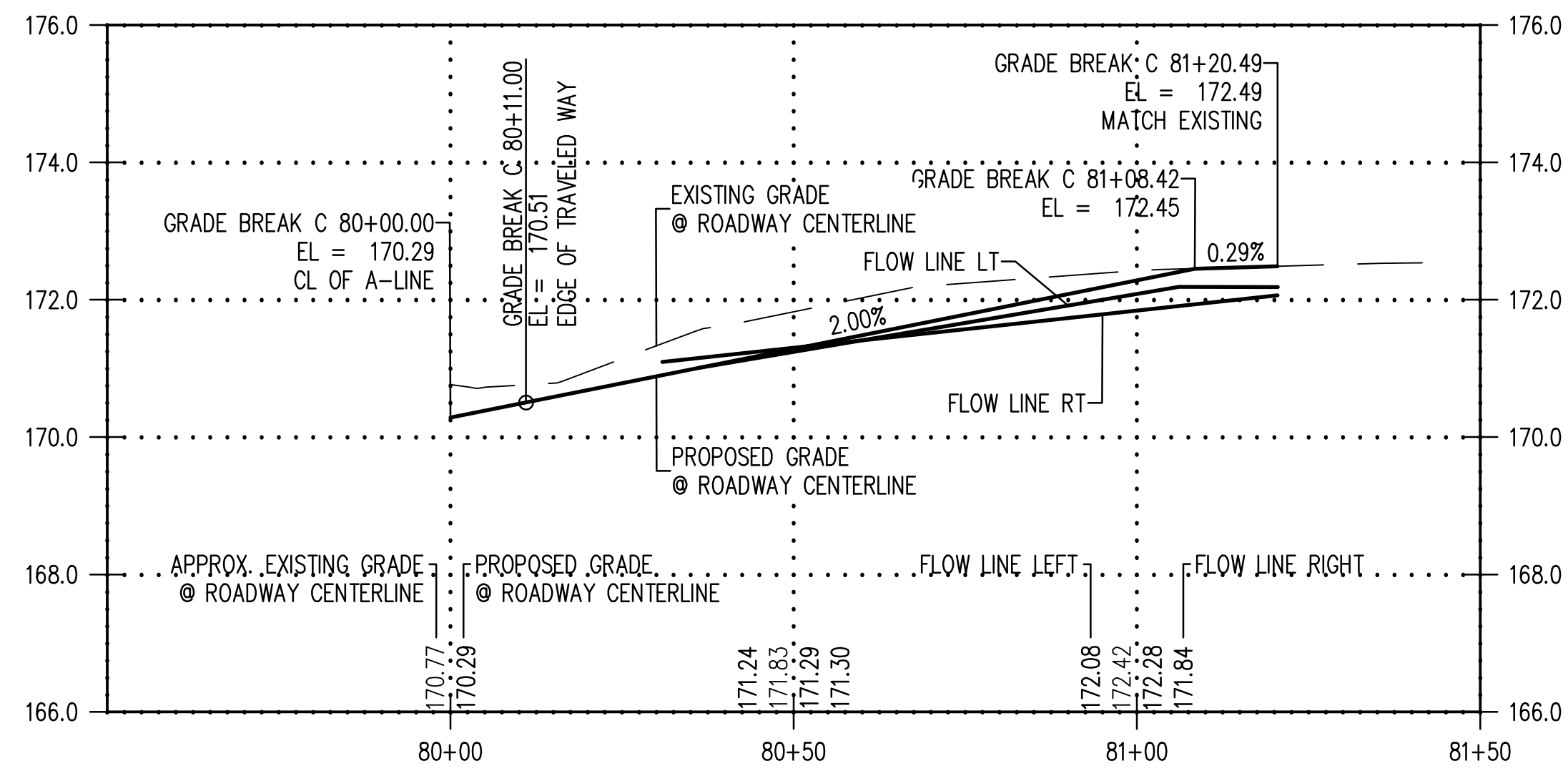
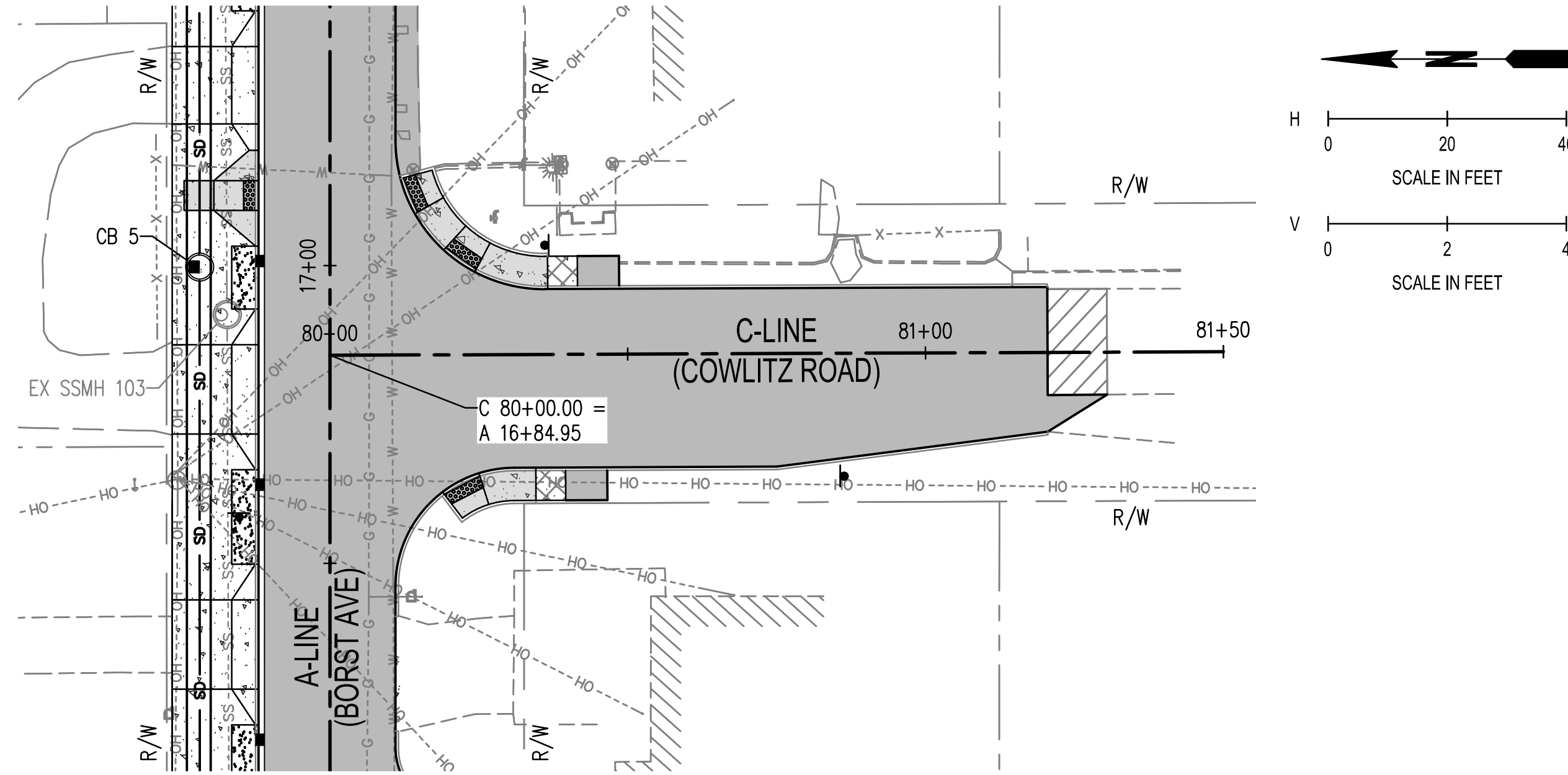
PLAN & PROFILE
BORST AVENUE
CENTRALIA, WA

SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 PP-01
DRAWING NO: PP-10
SHEET NO: 37 of 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



LEGEND

■	CATCH BASIN TYPE PVC WITH DOMED GRATE	SEE DETAIL ON SD SHEETS
■	CATCH BASIN TYPE 1	SEE WSDOT STD PLAN B-5.20
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 - CATCH BASIN TYPE PVC WITH DOMED GRATE SEE DETAIL ON SD SHEETS.
 - LOCKING SOLID METAL COVER AND FRAME

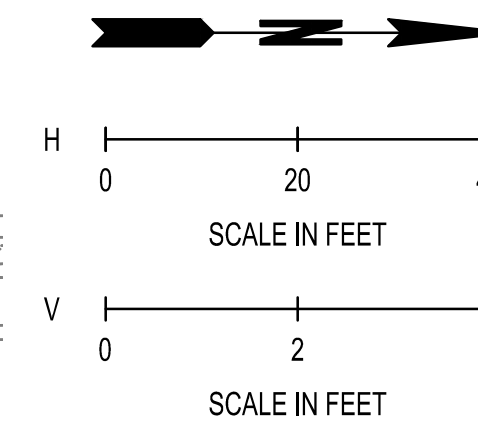
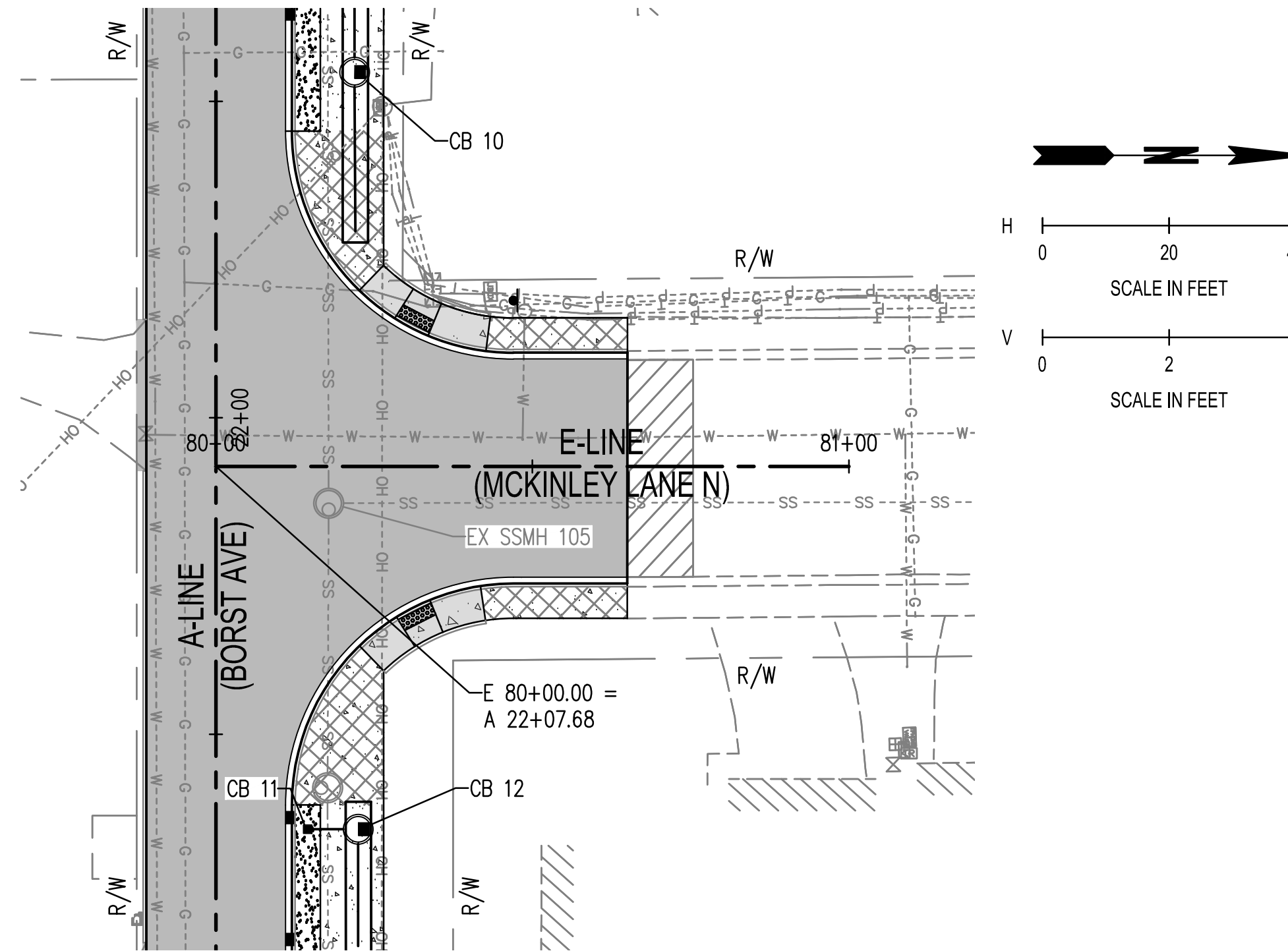
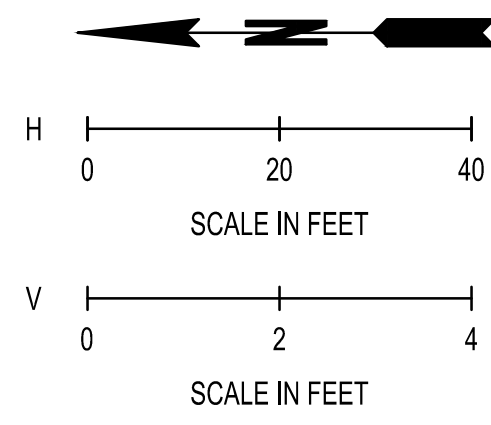
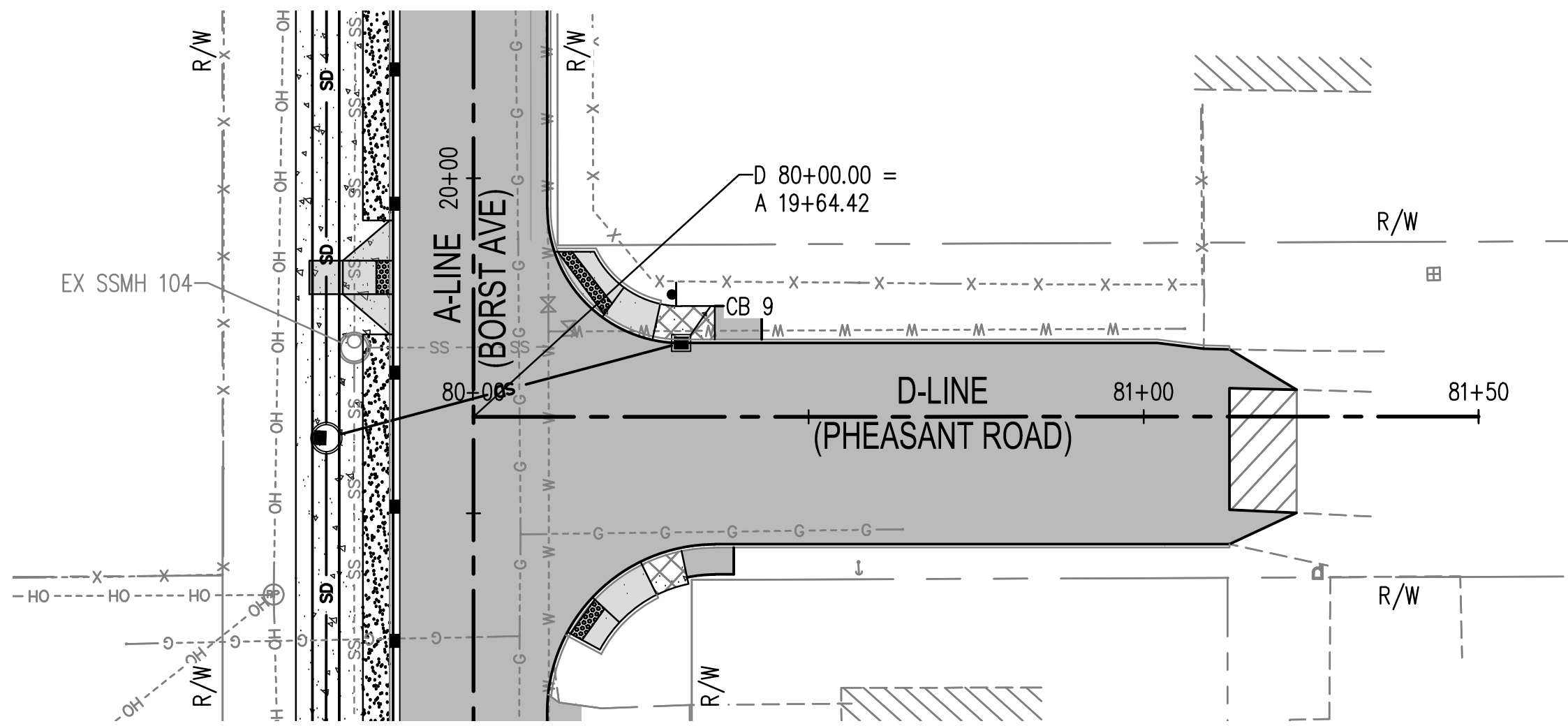


SHEET TITLE: PLAN & PROFILE
 PROJECT NAME: BORST AVENUE
 CENTRALIA, WA
 CRP 2139

SEAL:

DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO:	0635.04
DRAWING FILE NO:	0635.04 PP-02
DRAWING NO:	PP-11
SHEET NO:	38 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.

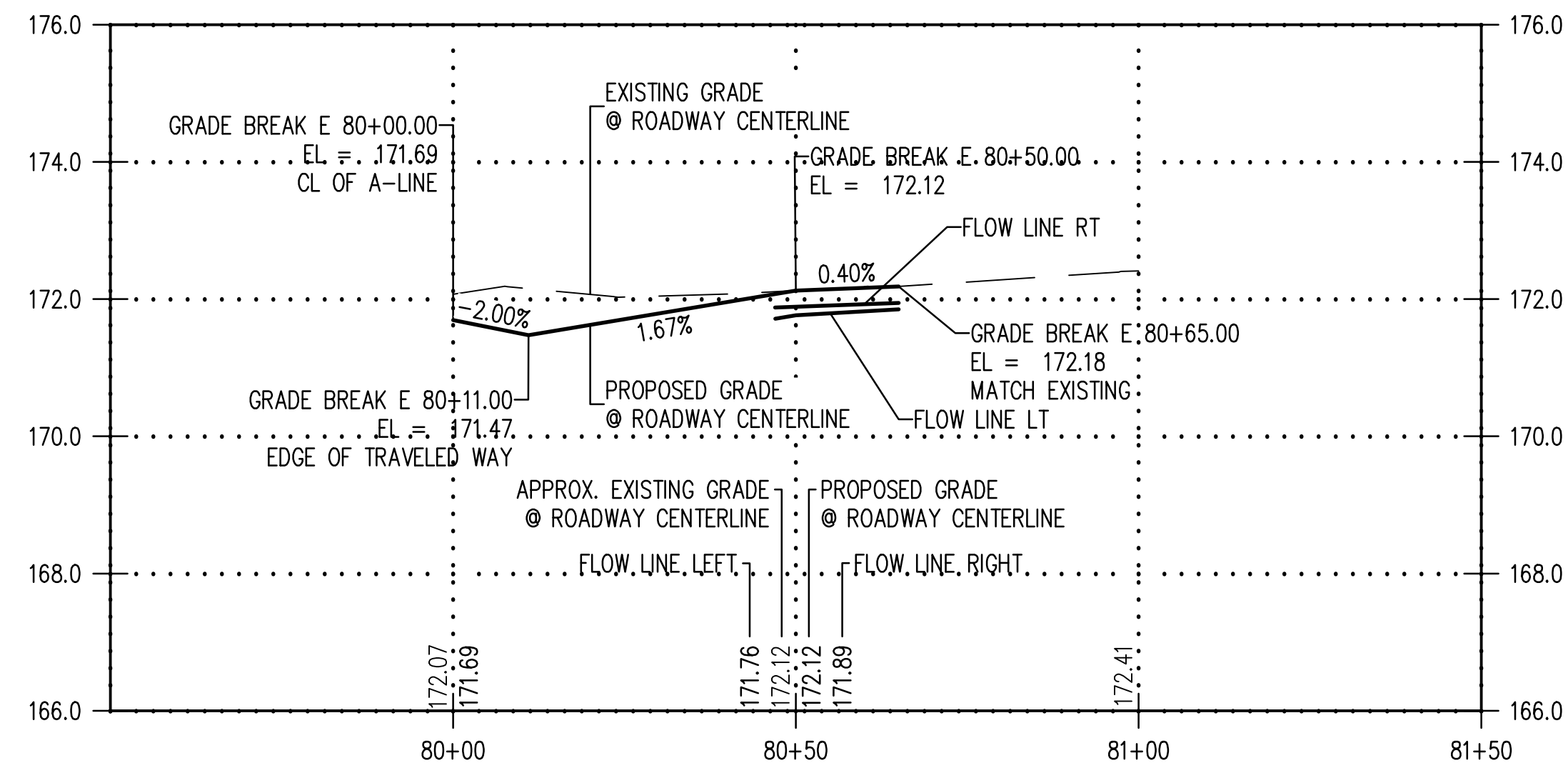
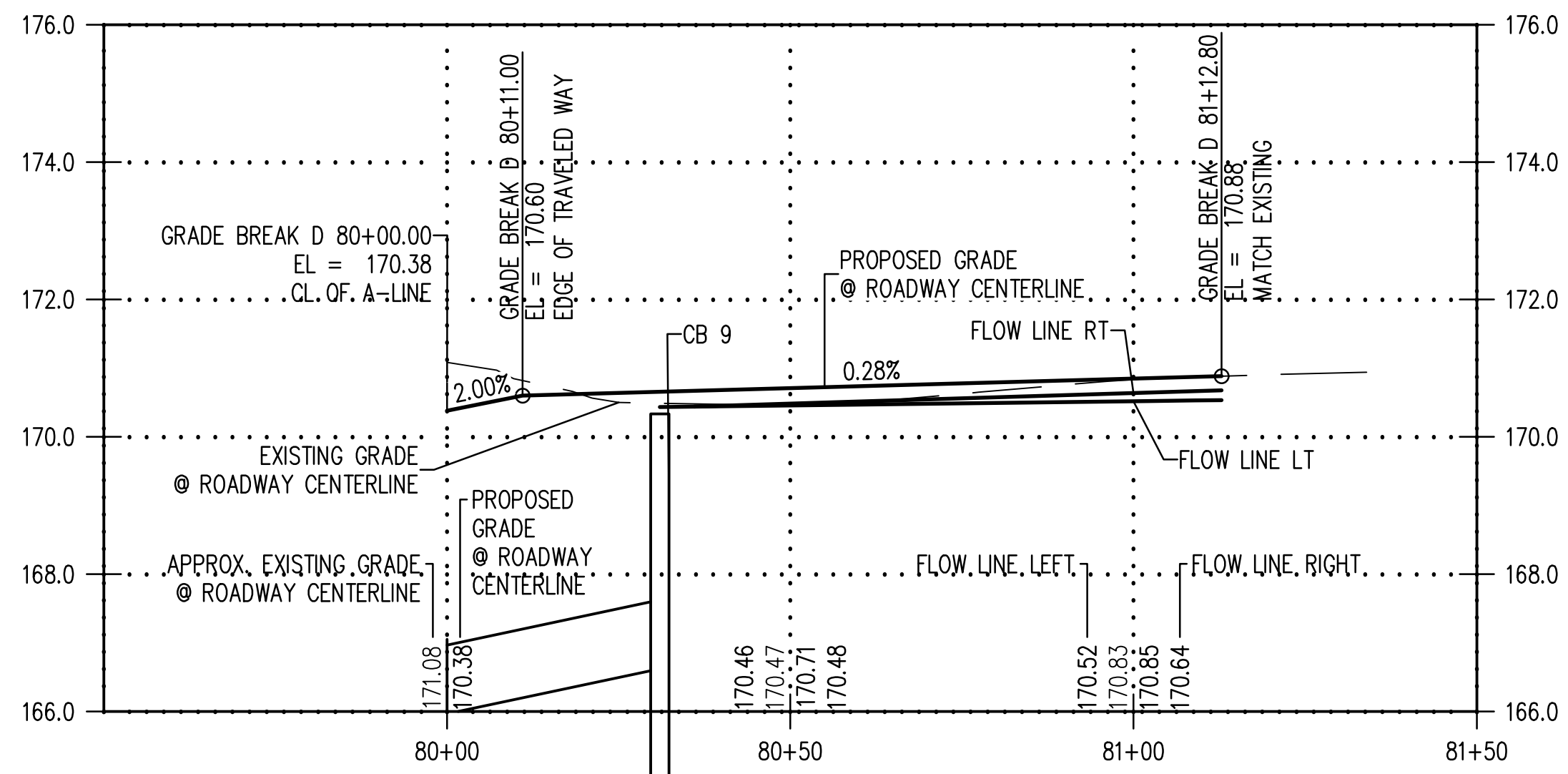


LEGEND

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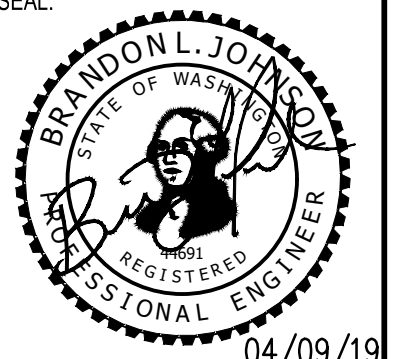


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PLAN & PROFILE
BORST AVENUE
CENTRALIA, WA

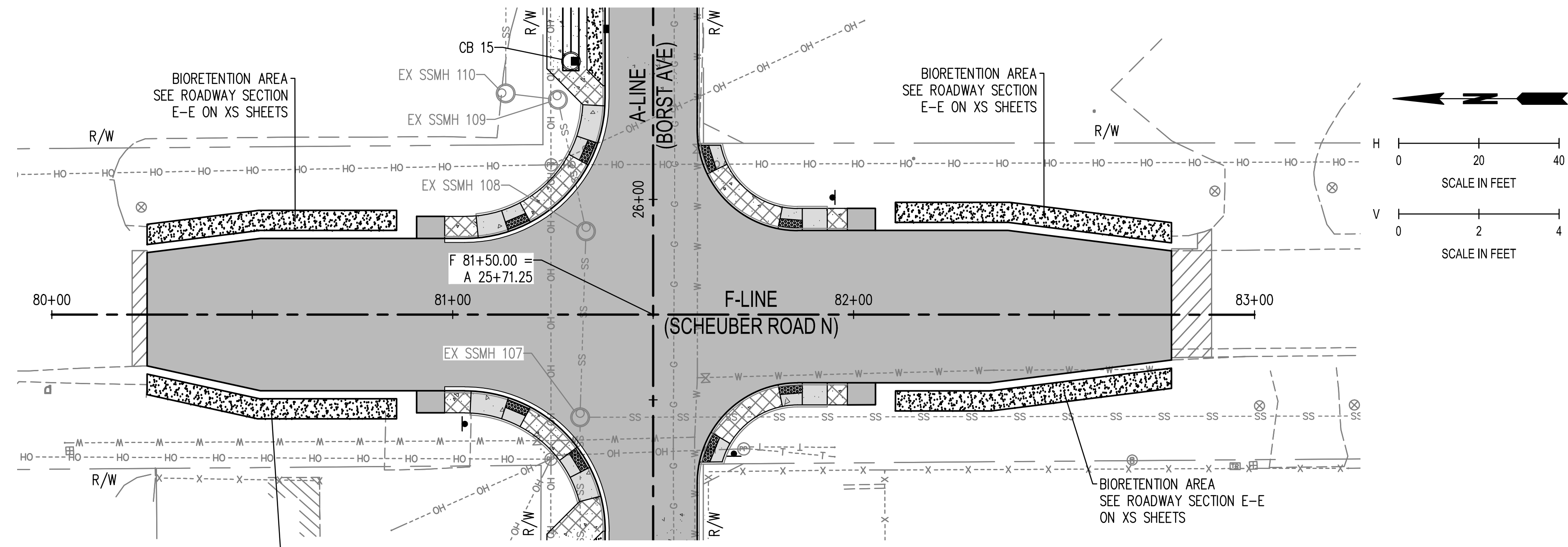
SHEET TITLE: PLAN & PROFILE
PROJECT NAME: BORST AVENUE
CRP: 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 PP-02
DRAWING NO.:	PP-12
SHEET NO.:	39 OF 88

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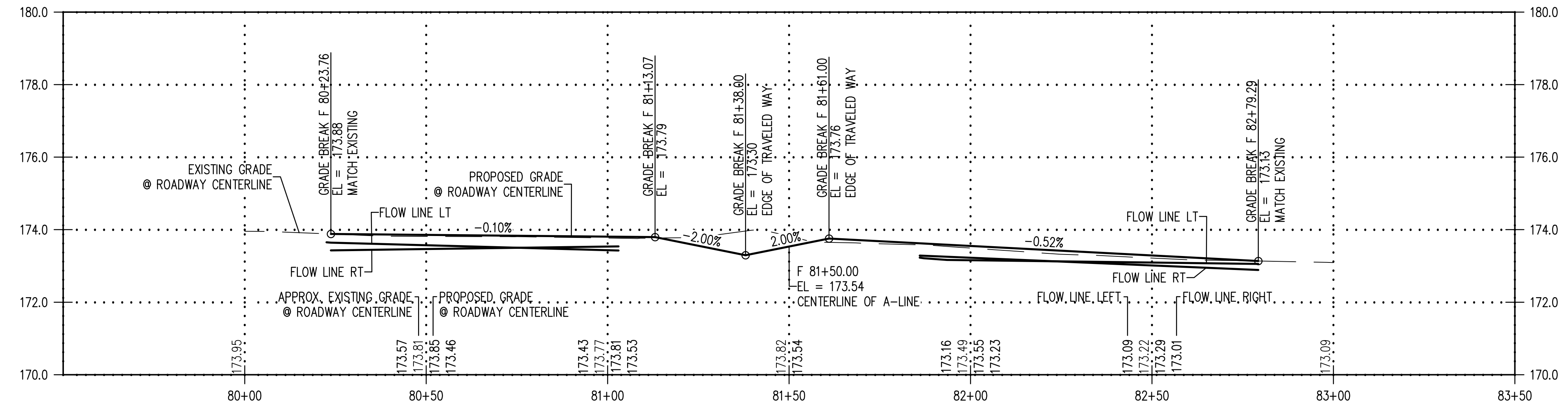
SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



LEGEND

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 - LOCKING SOLID METAL COVER AND FRAME



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DATE									
BY									

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CONSULTING SERVICES

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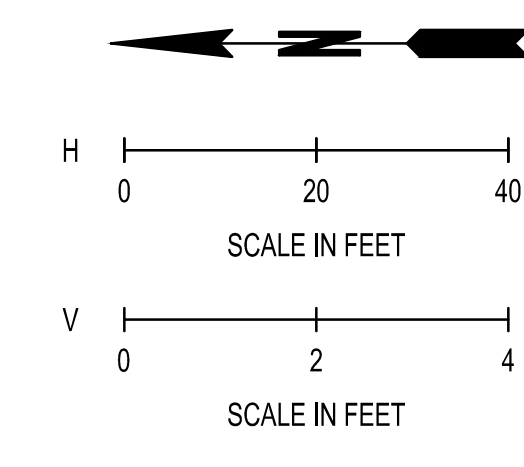
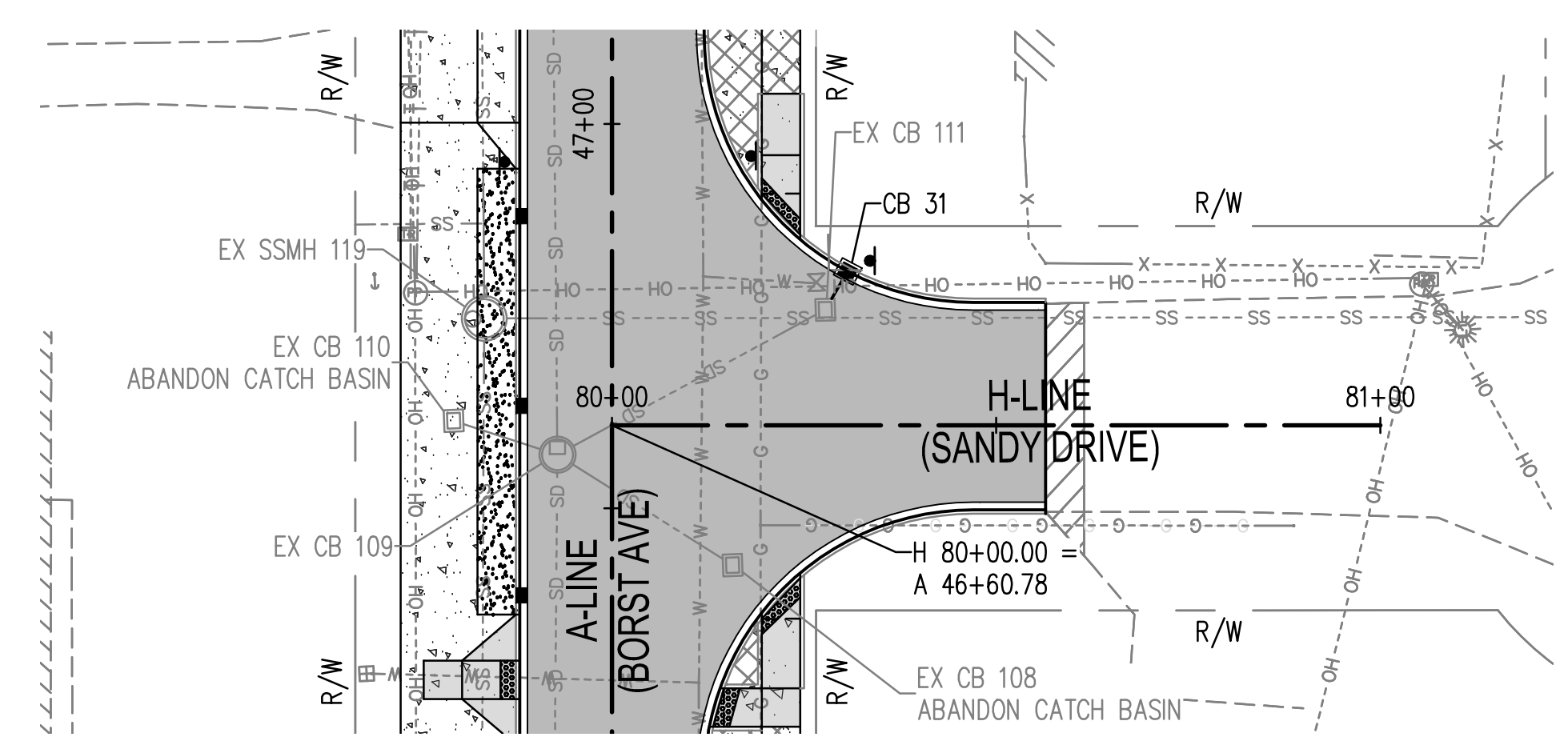
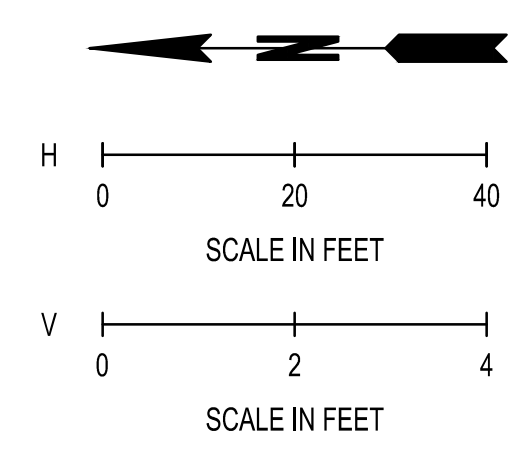
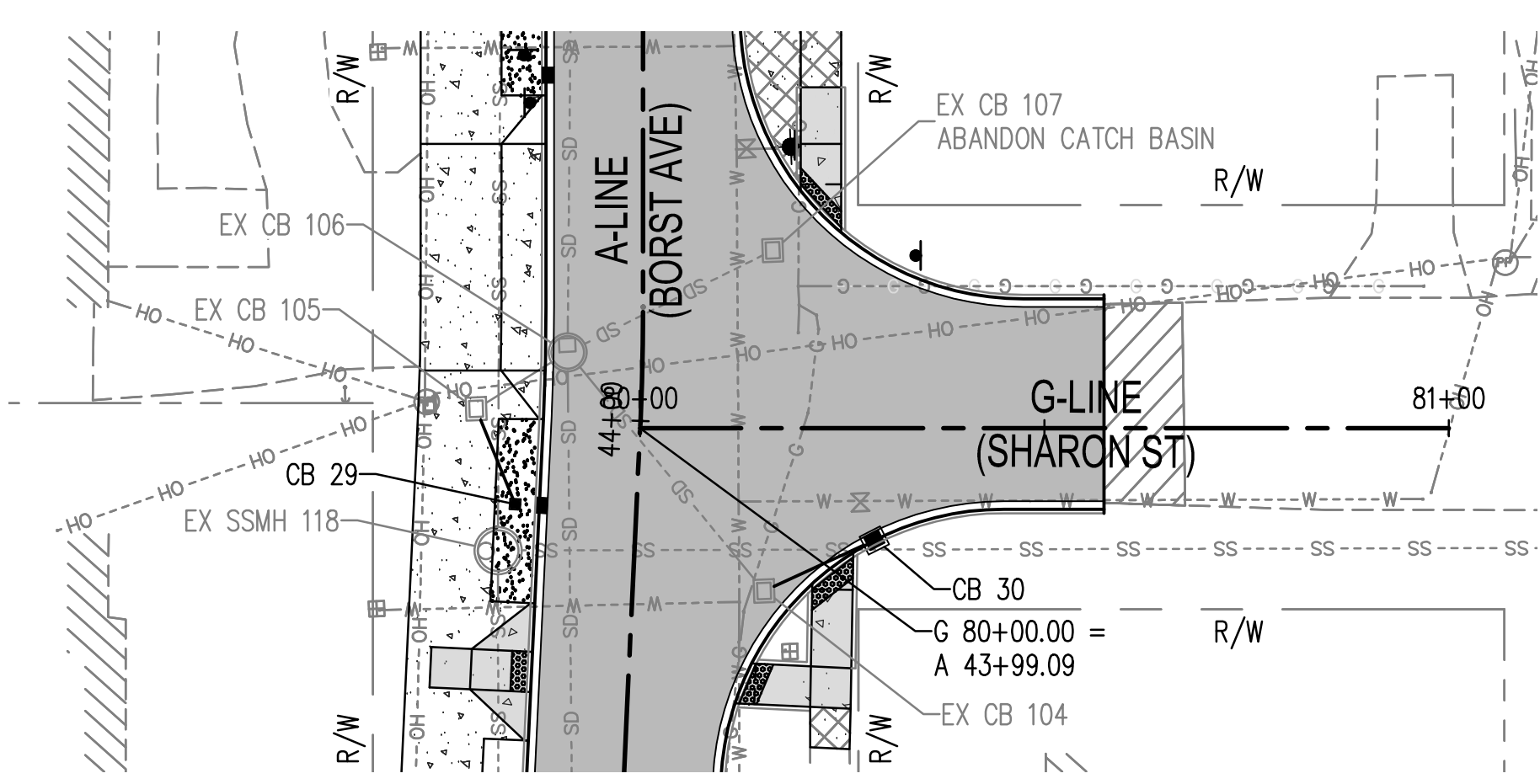
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SHEET TITLE:	PROJECT NAME:
SEAL:	CRP 2139

04/09/19

DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 PP-02
DRAWING NO.:	PP-13
SHEET NO.:	40 OF 88

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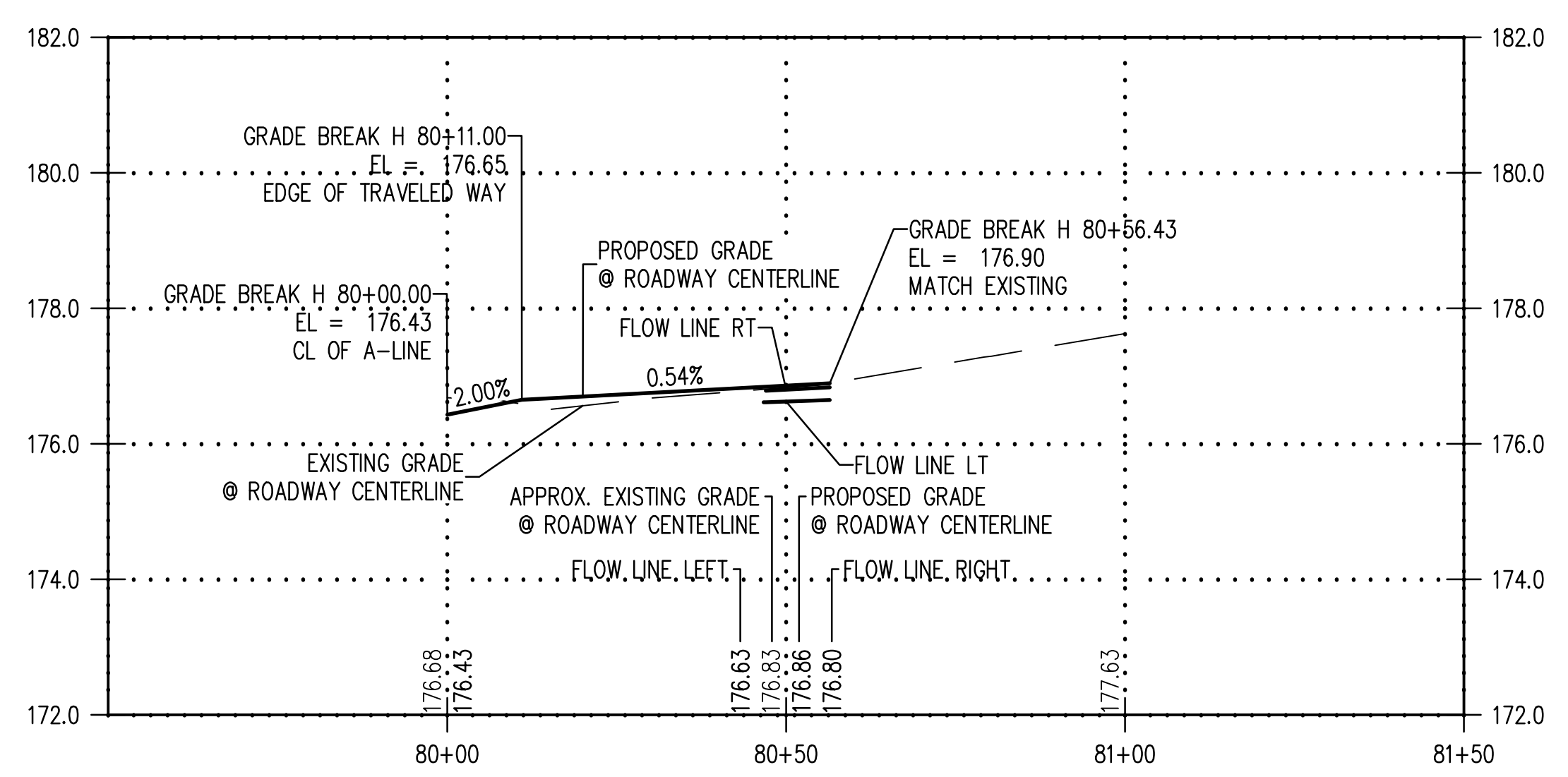
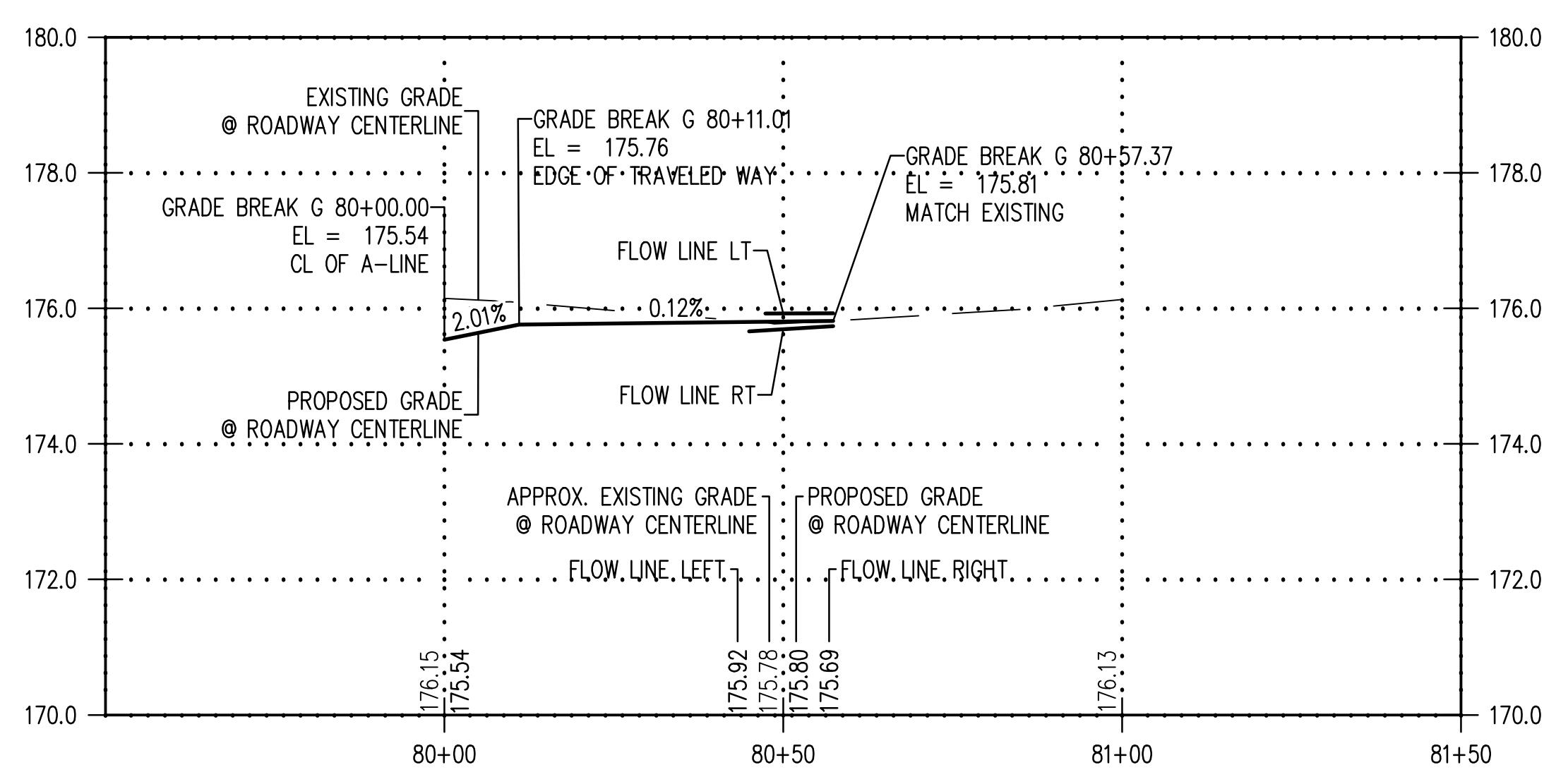


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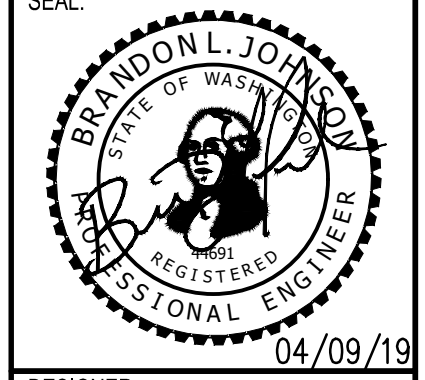


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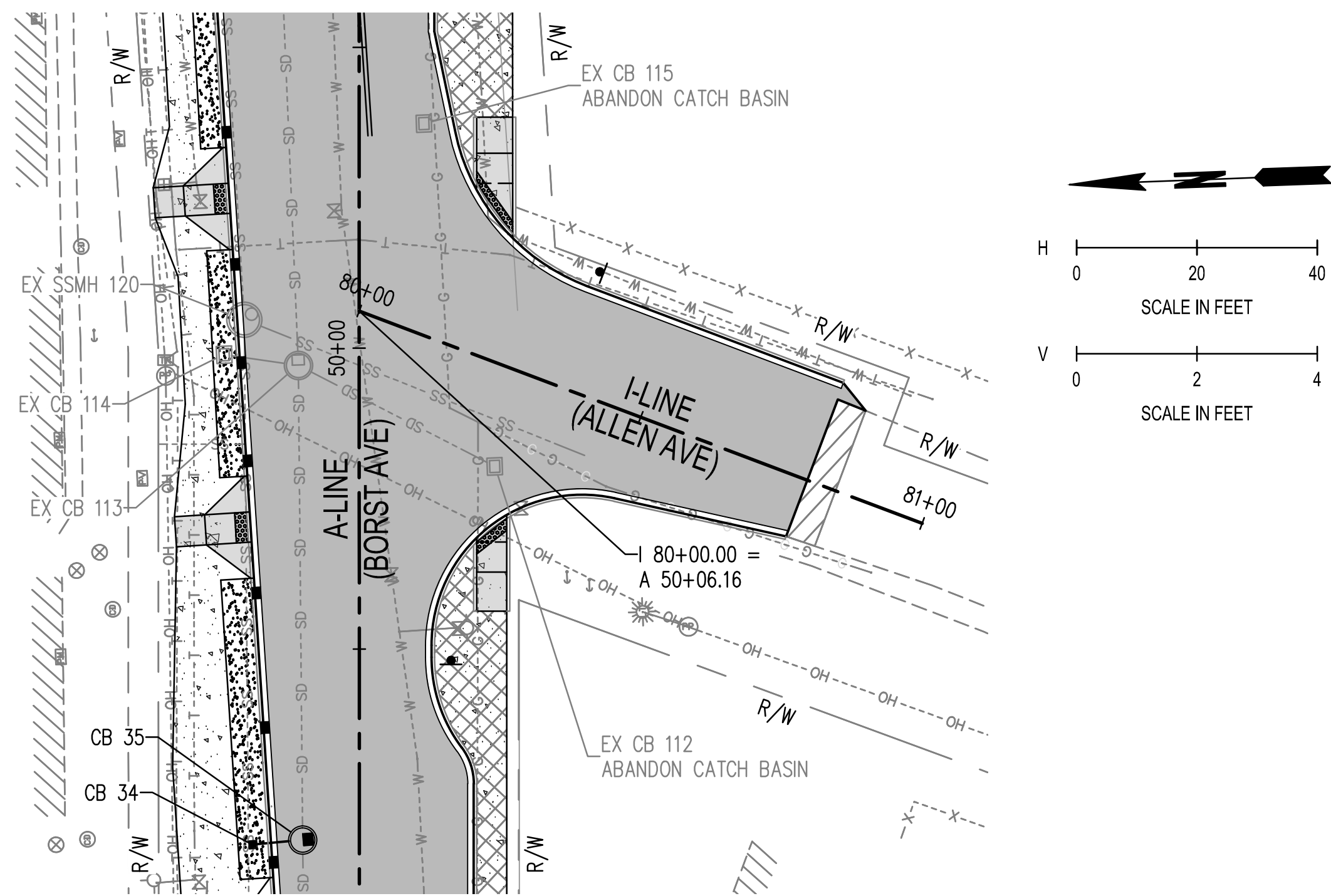
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PROJECT NAME: **BORST AVENUE**
CENTRALIA, WA

DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 PP-02
DRAWING NO: **PP-14**
SHEET NO: **41** OF 88



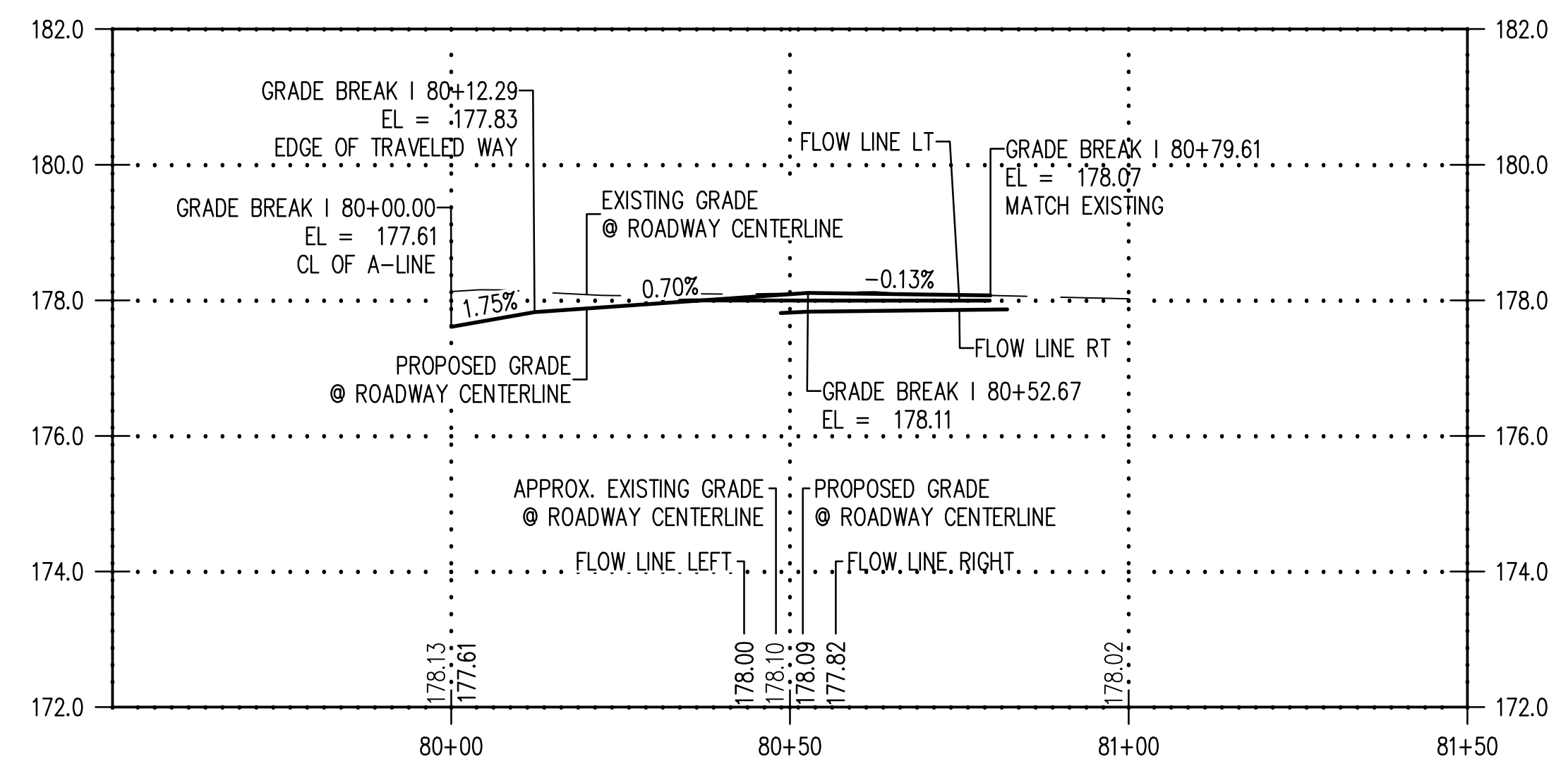
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SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



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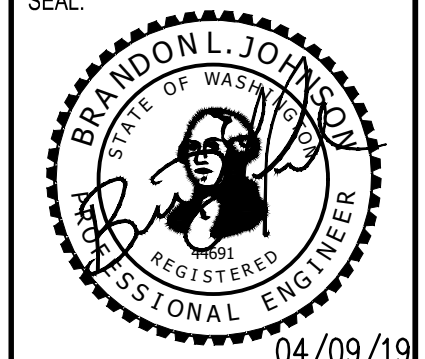


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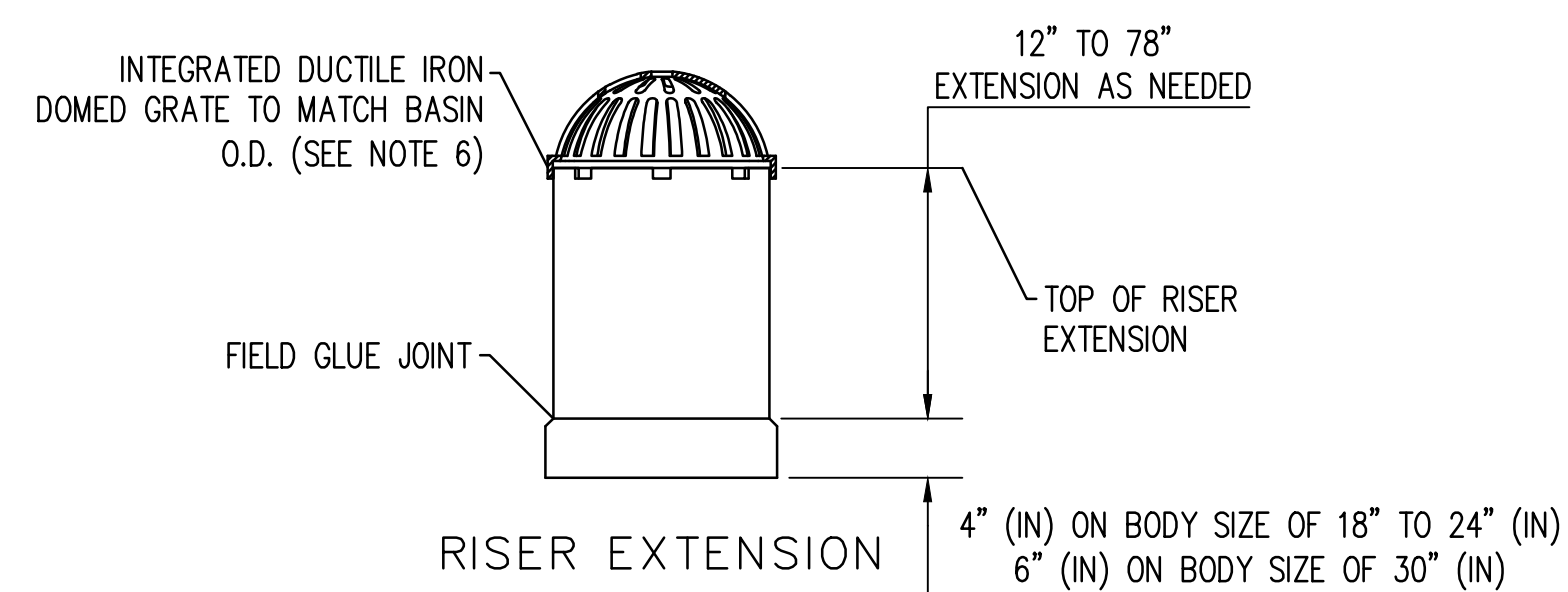
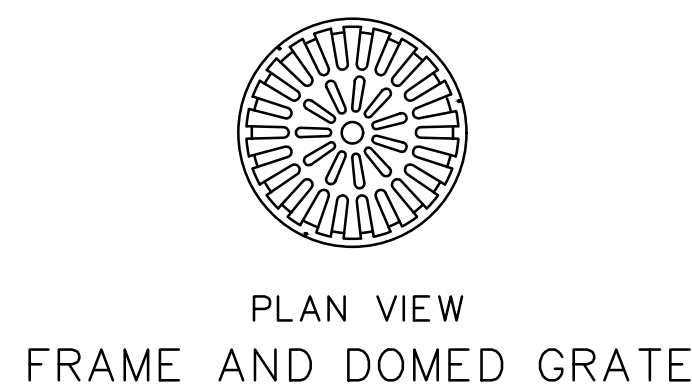
PLAN & PROFILE
BORST AVENUE
CENTRALIA, WA

SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 PP-02
DRAWING NO: PP-15
SHEET NO: 42 OF 88

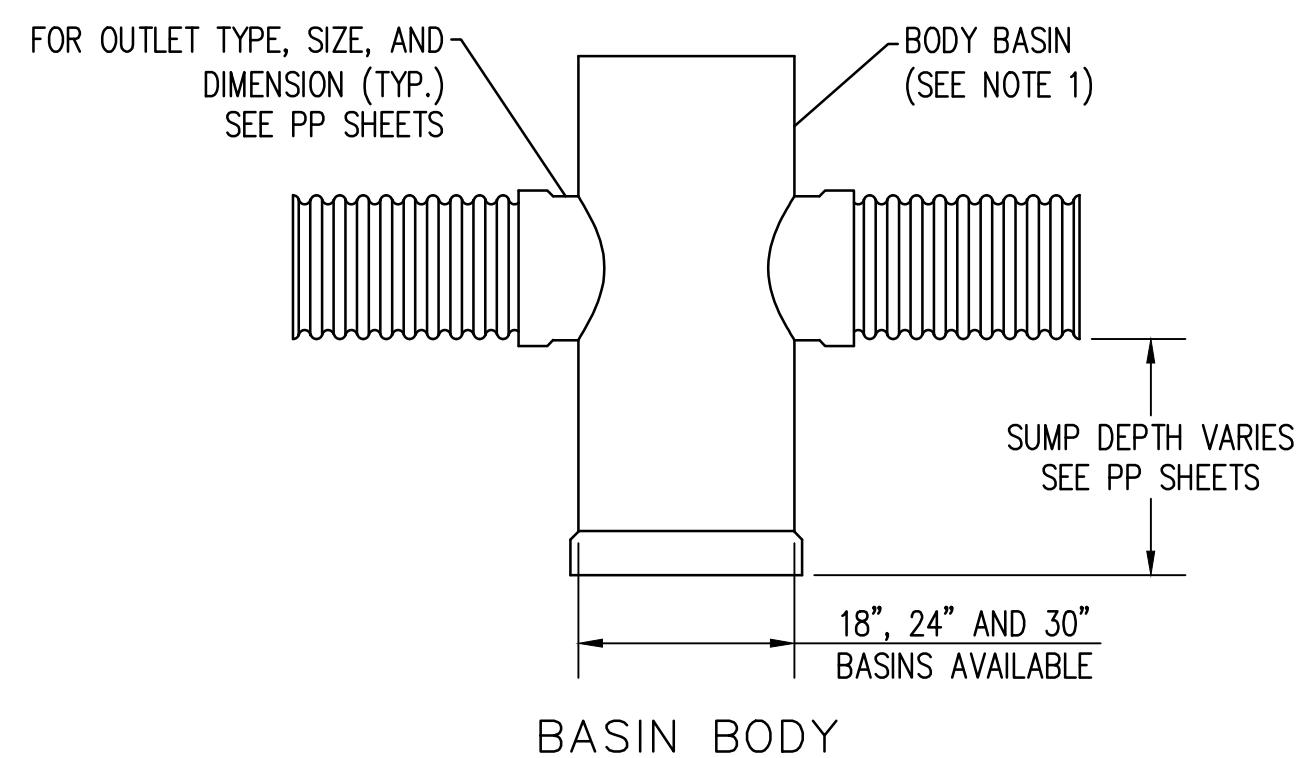
SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



12" TO 78" EXTENSION AS NEEDED
4" (IN) ON BODY SIZE OF 18" TO 24" (IN)
6" (IN) ON BODY SIZE OF 30" (IN)

NOTES:

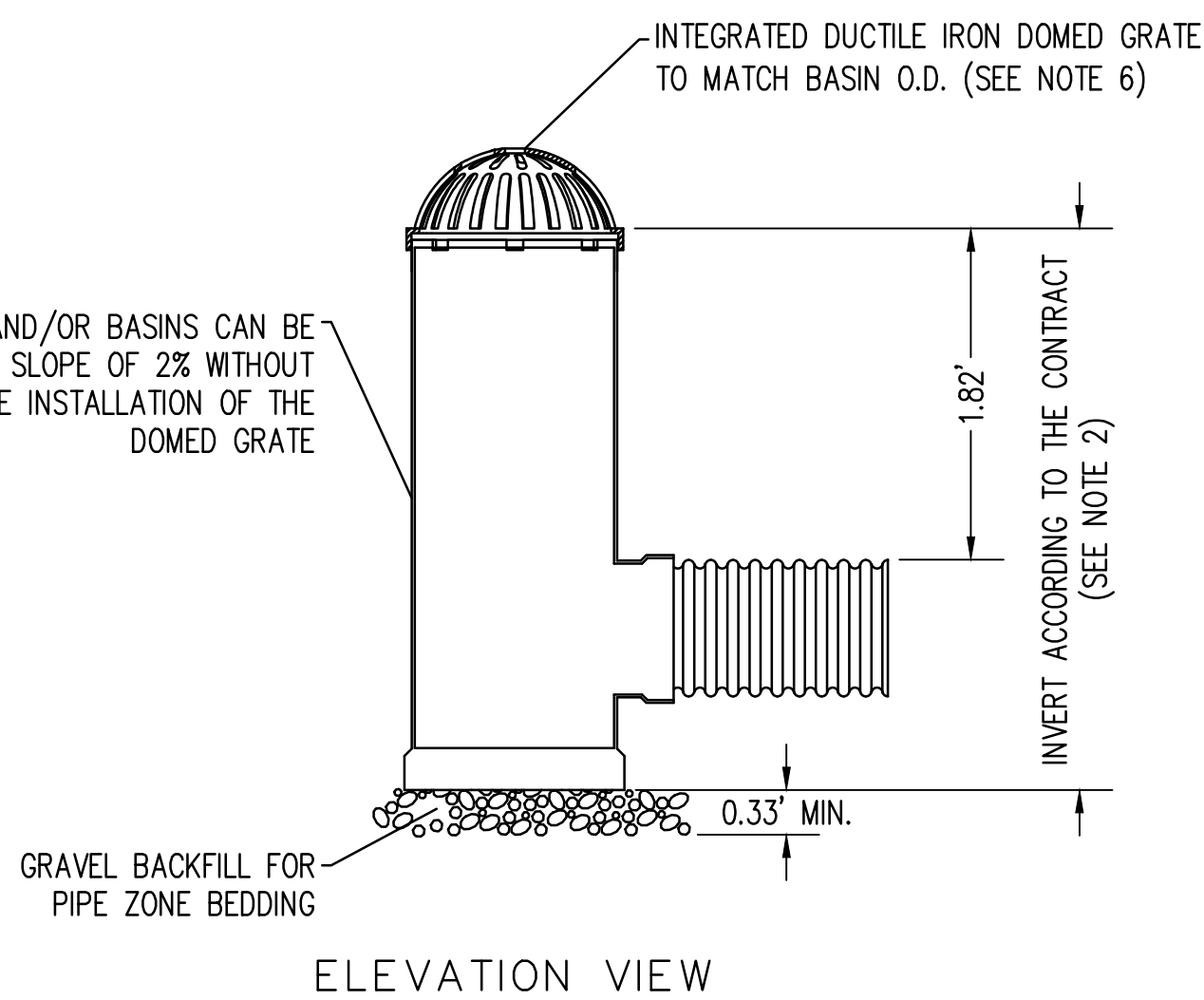
- DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" (IN) DUE TO SHIPPING RESTRICTIONS. THE MAXIMUM DEPTH FROM FINISHED GRADE TO THE LOWEST INVERT SHALL BE 8' (FT).
- DRAINAGE CONNECTIONS SHALL UTILIZE FLEXIBLE ELASTOMETRIC SEALS CONFORMING TO ASTM F477 AND SHALL MEET THE REQUIREMENTS OF ASTM D3212.
- RISERS CAN BE TRIMMED DOWN TO 3" (IN) EXTENSION WITHOUT INTERFERING WITH THE INSTALLATION OF THE FRAME.
- THESE STRUCTURES CAN BE USED FOR TYPE 1, TYPE 1L, AND TYPE 2 STRUCTURES. USAGE FOR THE TYPE 2 STRUCTURES SHALL BE LIMITED TO PIPE SIZE USE ONLY.
- BASINS SHALL BE MANUFACTURED FROM PVC PIPE STOCK MEETING THE REQUIREMENTS OF ASTM D1784, CELL CLASSIFICATION 12454.
- DUCTILE IRON CASTINGS FOR PVC CATCH BASINS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A536, GRADE 70-50-05, AND SHALL MEET THE PROOF LOAD TESTING REQUIREMENTS OF AASHTO M 306.
- BOLT-DOWN CAPABILITY IS REQUIRED ON ALL FRAMES, GRATES, AND COVERS, UNLESS SPECIFIED OTHERWISE IN THE CONTRACT. PROVIDE 2 HOLES IN THE FRAME THAT ARE VERTICALLY ALIGNED WITH THE GRATE OR COVER SLOTS. THE FRAME SHALL ACCEPT THE 304 STAINLESS STEEL (S.S.) 5/8" (IN) - 11 NC x 2" (IN) ALLEN HEAD CAP SCREW BY BEING TAPPED, OR OTHER APPROVED MECHANISM. LOCATION OF BOLT-DOWN HOLES VARIES BY MANUFACTURER.



BASIN BODY

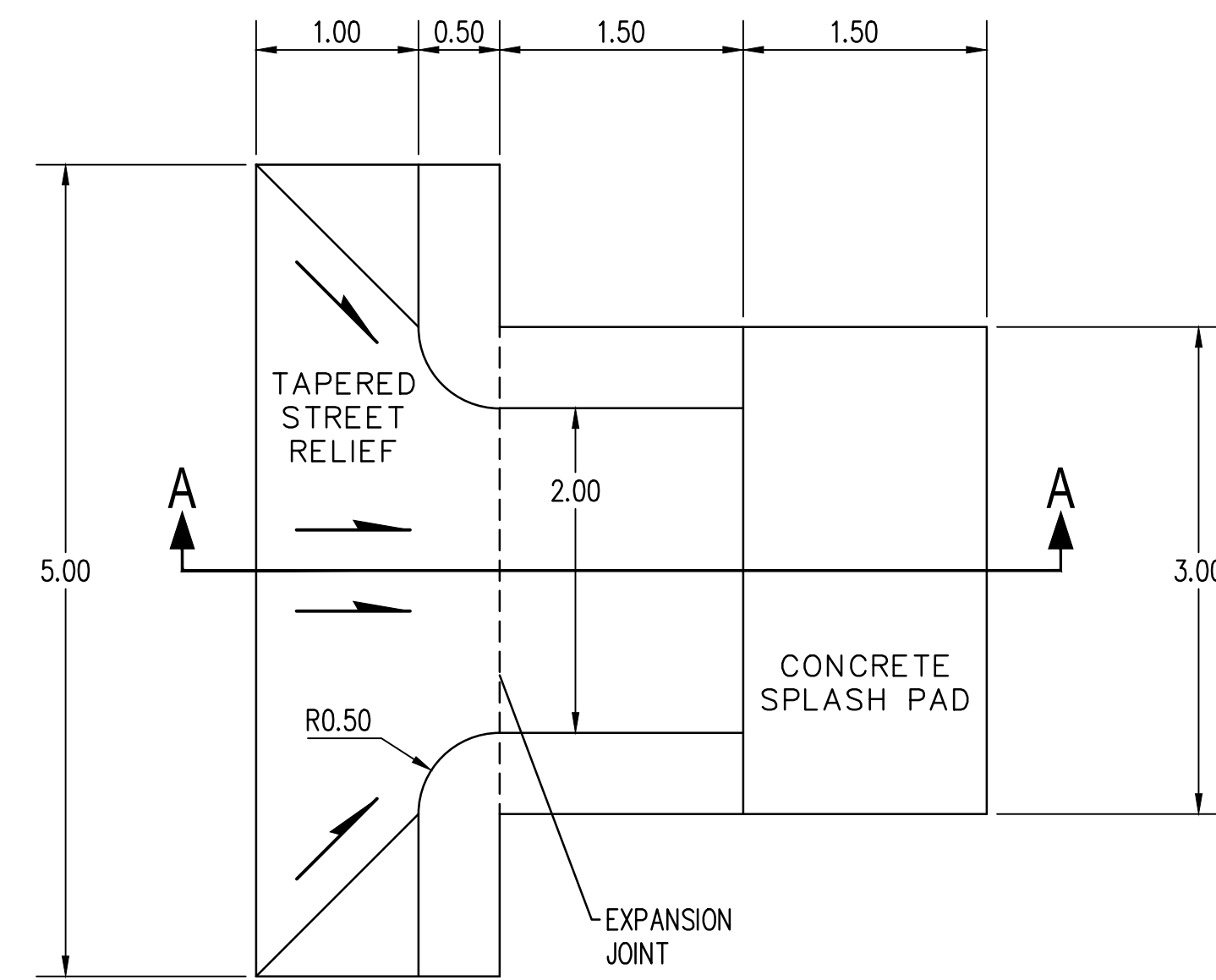
18", 24" AND 30" BASINS AVAILABLE

RISER SECTIONS AND/OR BASINS CAN BE CUT AT A SLOPE OF 2% WITHOUT AFFECTING THE INSTALLATION OF THE DOMED GRATE

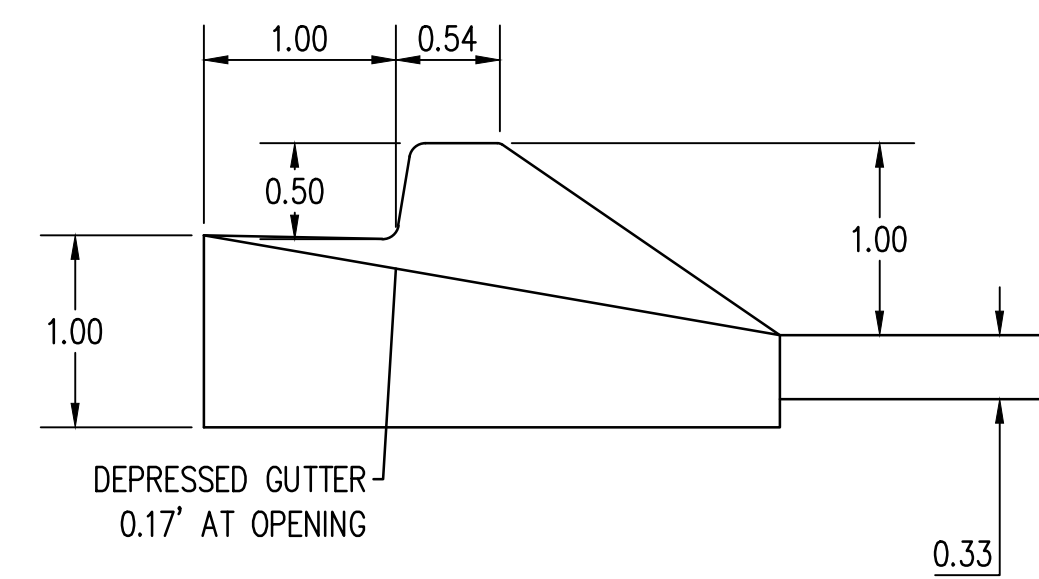


ELEVATION VIEW

CATCH BASIN TYPE PVC WITH DOMED GRATE DETAIL
NOT TO SCALE



PLAN VIEW



SECTION A-A

NOTES:

- CEMENT CONC. CURB INLET CURB AND GUTTER SHALL MATCH ADJACENT CURB AND GUTTER.
- CEMENT CONC. CURB INLET SPACING SEE PP SHEETS.
- CEMENT CONC. CURB INLET SHALL BE CONSTRUCTED WITH AIR ENTRAINED CONCRETE CLASS 3000 CONFORMING TO THE REQUIREMENT OF SECTION 6-02 OF THE WSDOT STANDARD SPECIFICATIONS.
- FOR ADDITIONAL REQUIREMENTS SEE WSDOT STANDARD SPECIFICATION SECTION 9-04.

CEMENT CONC. CURB INLET DETAIL
NOT TO SCALE

REVISIONS	DATE	BY

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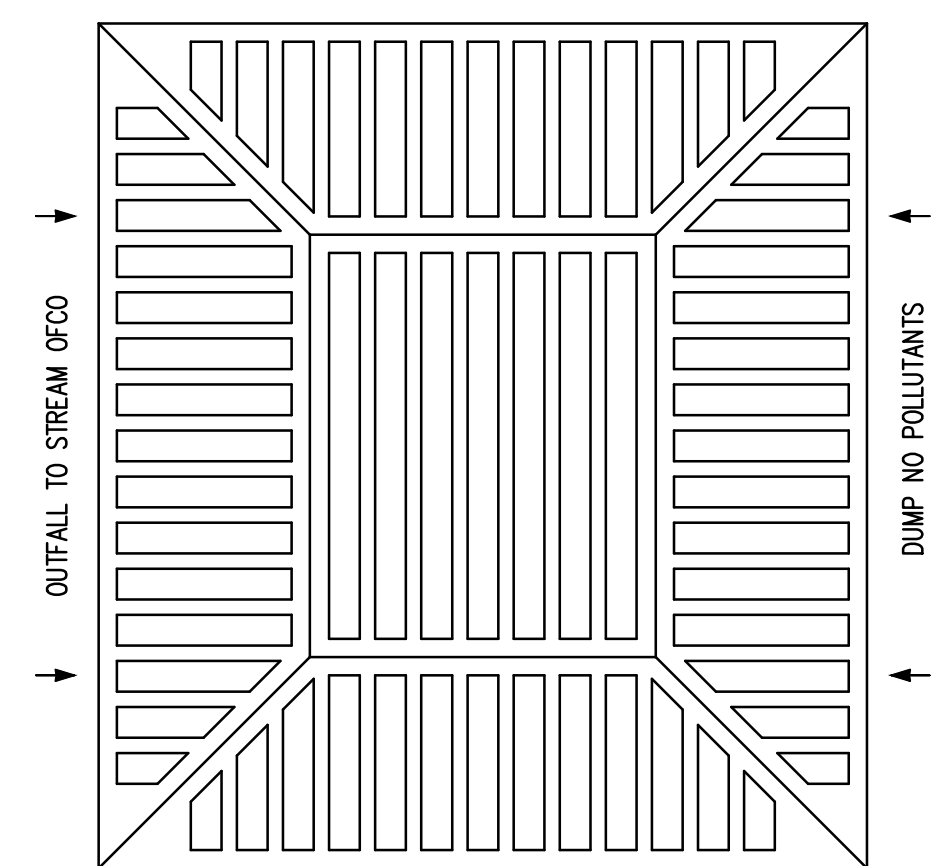
STORM DRAINAGE DETAILS
BORST AVENUE
CENTRALIA, WA

SHEET TITLE:
PROJECT NAME:
CRP 2139

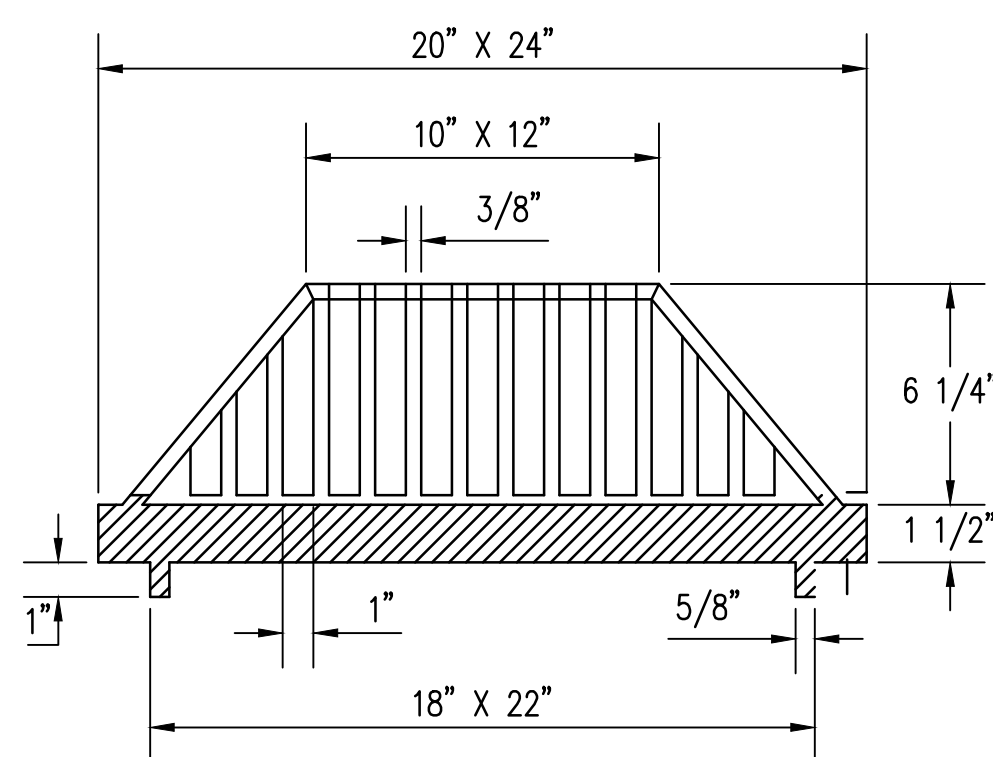


DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 PP-03
DRAWING NO: SD-01
SHEET NO: 43 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.

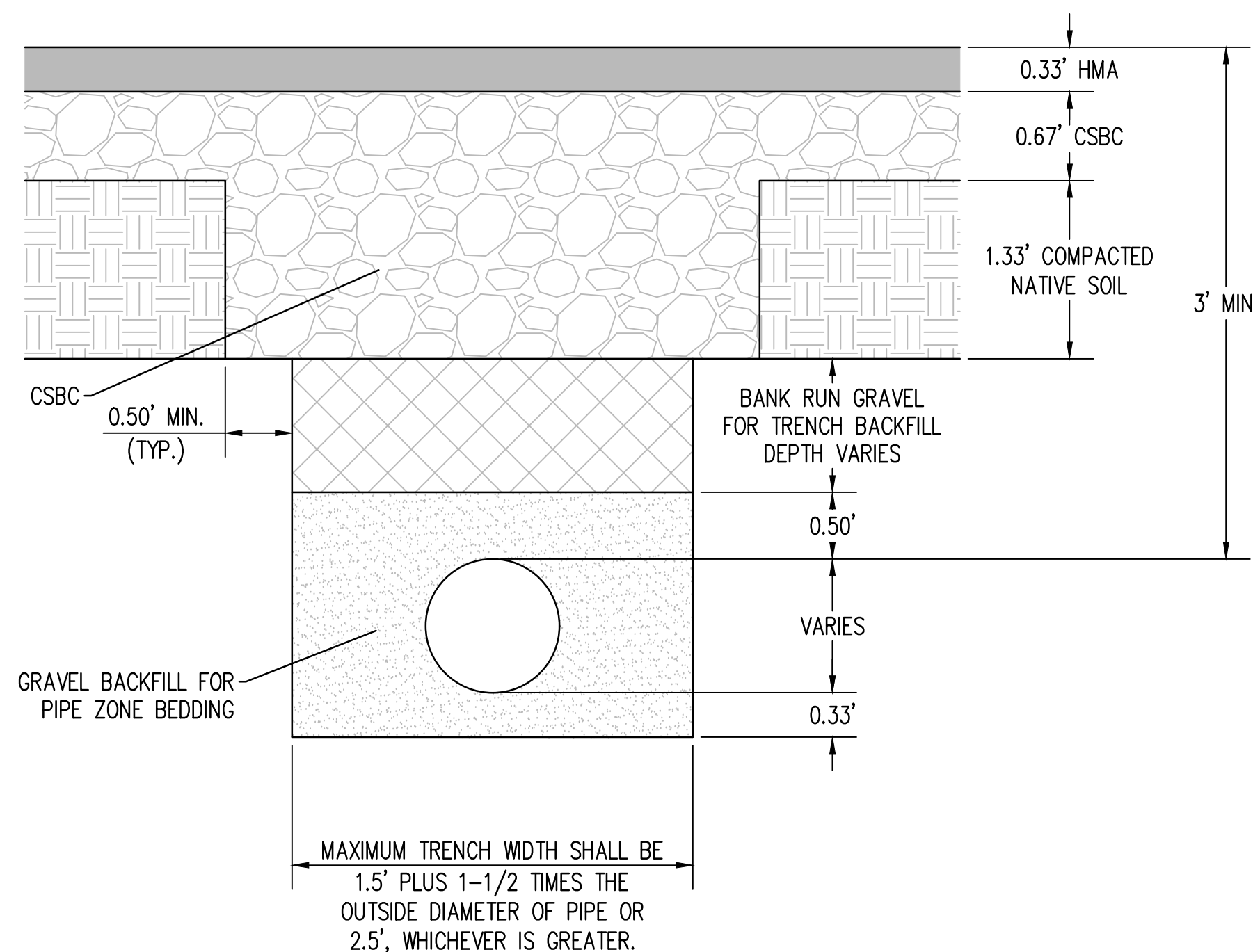


PLAN VIEW

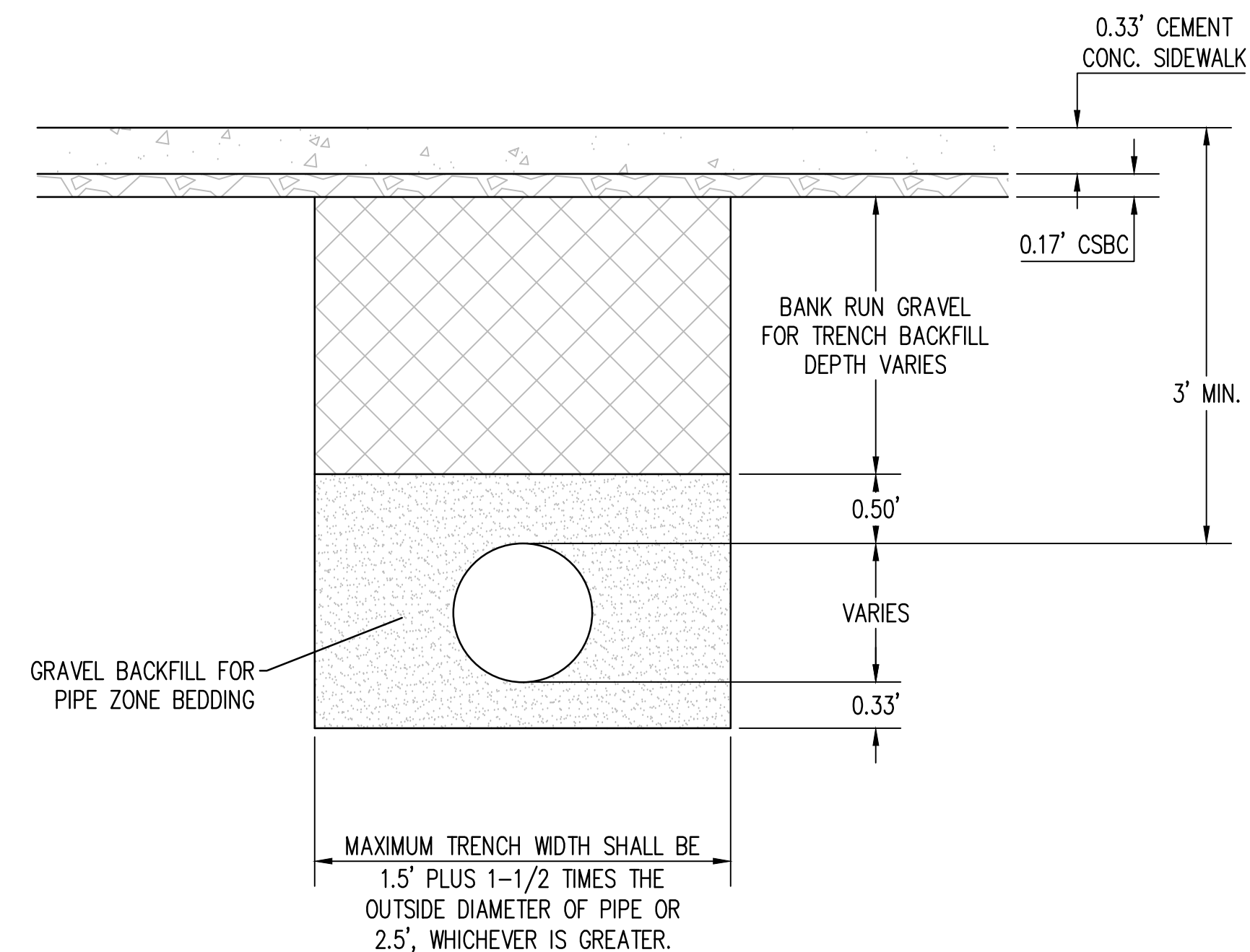


SECTION VIEW

BEEHIVE GRATE DETAIL
NTS



TRENCH RESTORATION IN ROADWAY



TRENCH RESTORATION IN SIDEWALK

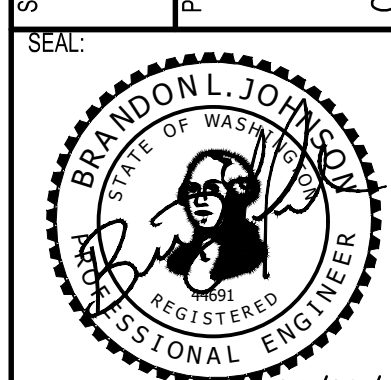
TRENCH RESTORATION DETAIL
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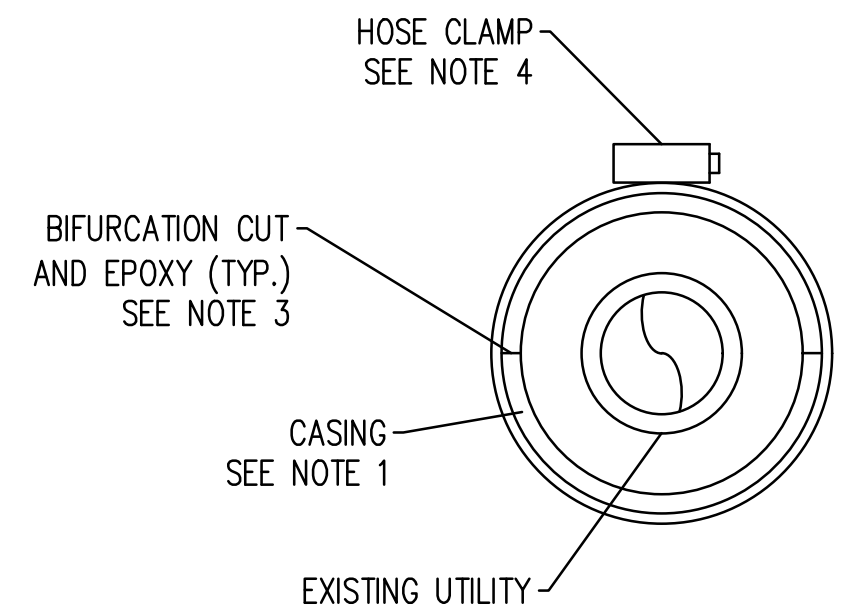
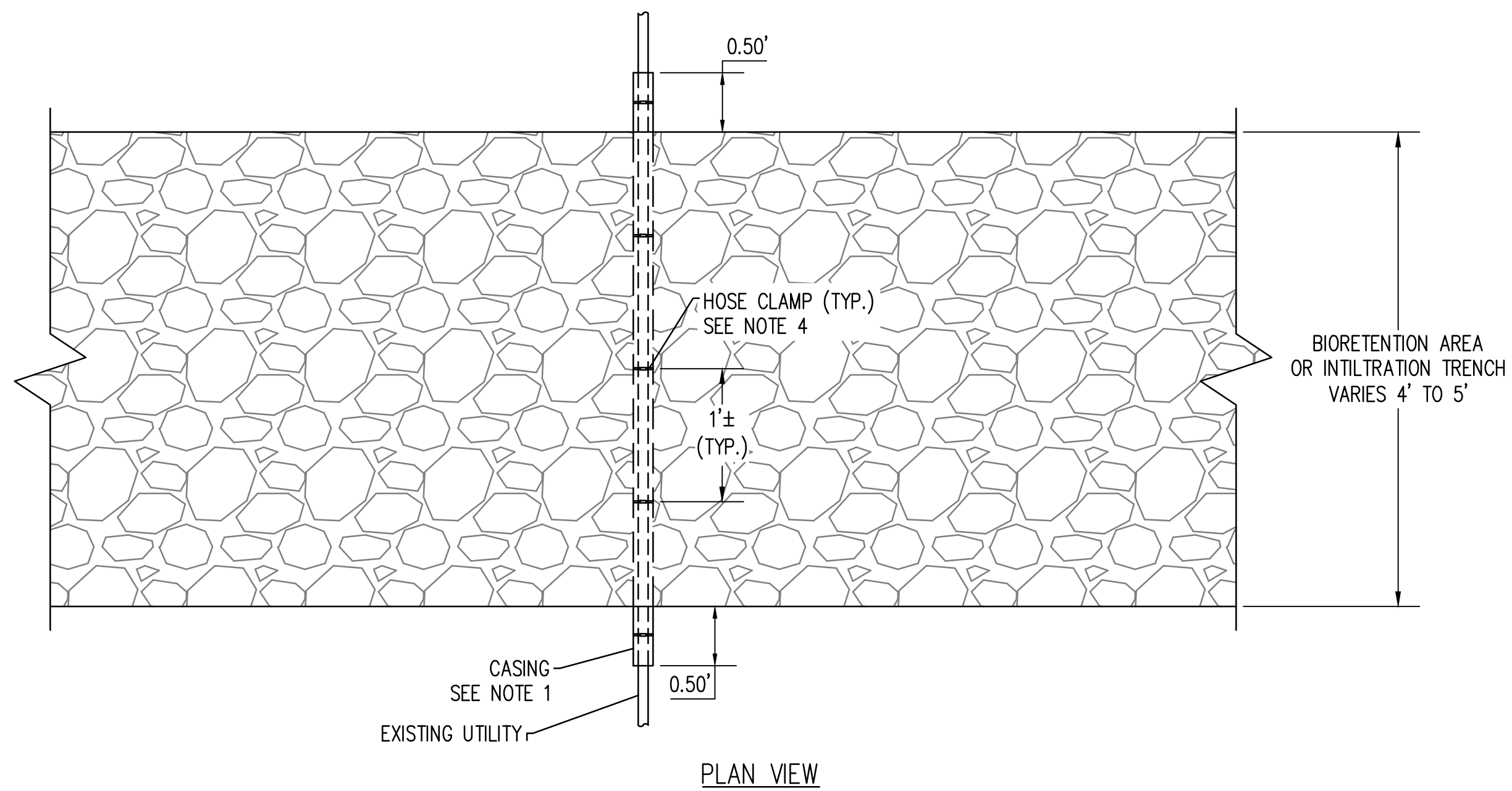
STORM DRAINAGE DETAILS
BORST AVENUE
CENTRALIA, WA

SHEET TITLE:
PROJECT NAME:
CRP 2139

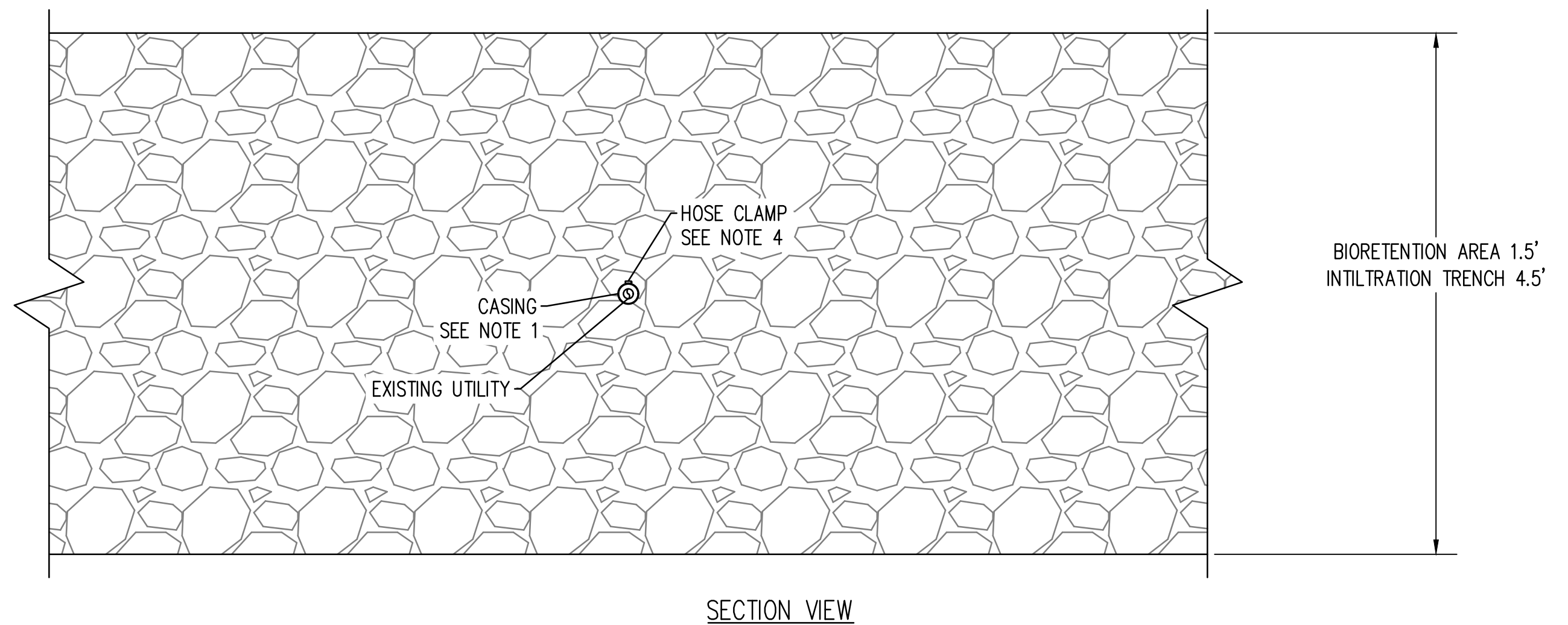


DESIGNER:
S. ROWSWELL
DRAWN BY:
S. ROWSWELL
APPROVED BY:
J. BRANNIN
DATE:
MARCH, 2019
JOB NO:
0635.04
DRAWING FILE NO:
0635.04 PP-03
DRAWING NO:
SD-02
SHEET NO:
44 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



EXISTING UTILITY CASING SECTION VIEW



SECTION VIEW

UTILITY SERVICE SLEEVING BIORETENTION AREA AND INFILTRATION TRENCH DETAIL
NOT TO SCALE

- NOTES:
- UTILITY SERVICE SLEEVING IS FOR WATER, SANITARY SEWER, AND STORM SEWER CROSSINGS.
 - CASING FOR UTILITIES GOING THROUGH THE BIORETENTION AREA OR INFILTRATION TRENCH SHALL BE SCHEDULE 40 CONDUIT PIPE _____ IN. DIAM.
 - CONDUIT DIAMETER SHALL BE LARGE ENOUGH TO FIT AROUND UTILITY BEING CASED. FOR SANITARY SEWER CONFLICTS, THE CONDUIT DIAMETER SHALL BE 1 TO 2 INCHES LARGER THAN THE SANITARY SEWER BEING CASED.
 - IF THE CONDUIT IS BIFURCATED TO PLACE AROUND UTILITY BEING CASED, USE A WATER PROOF EPOXY TO SEAL THE BIFURCATED CONDUIT.
 - USE HOSE CLAMP OR RISER CLAMP TO HOLD CLOSED BIFURCATED CONDUIT. HOSE CLAMPS OR RISER CLAMPS SHALL BE STAINLESS STEEL OR AS ACCEPTED BY THE ENGINEER.
 - ALL MATERIAL AND LABOR FOR UTILITY SERVICE SLEEVING SHALL BE PAID FOR UNDER UTILITY SERVICE SLEEVING BID ITEM. SEE SPECIAL PROVISIONS.

REVISIONS	DATE	BY

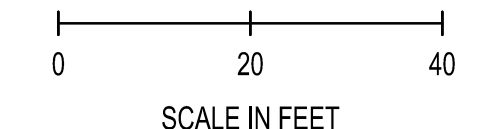
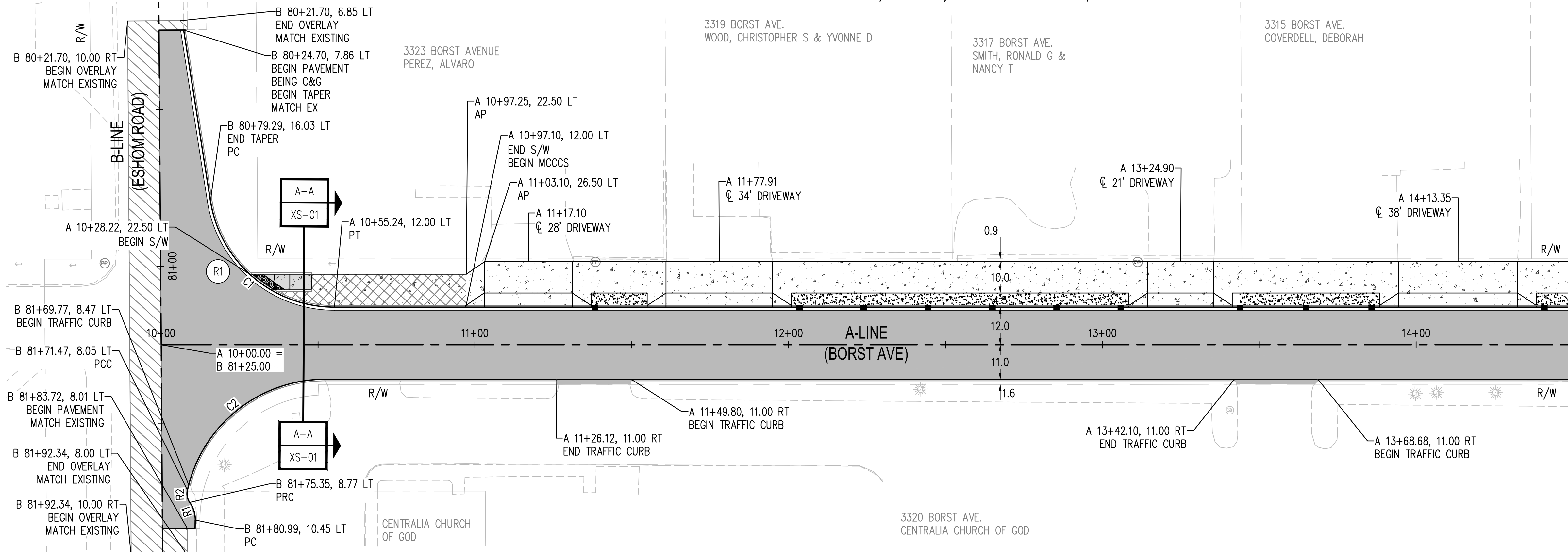
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SHEET TITLE: **STORM DRAINAGE DETAILS**
PROJECT NAME: **BORST AVENUE CENTRALIA, WA**
CRP 2139

SEAL:

DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 PP-03
DRAWING NO: SD-03
SHEET NO: 45 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



PAVING NOTES

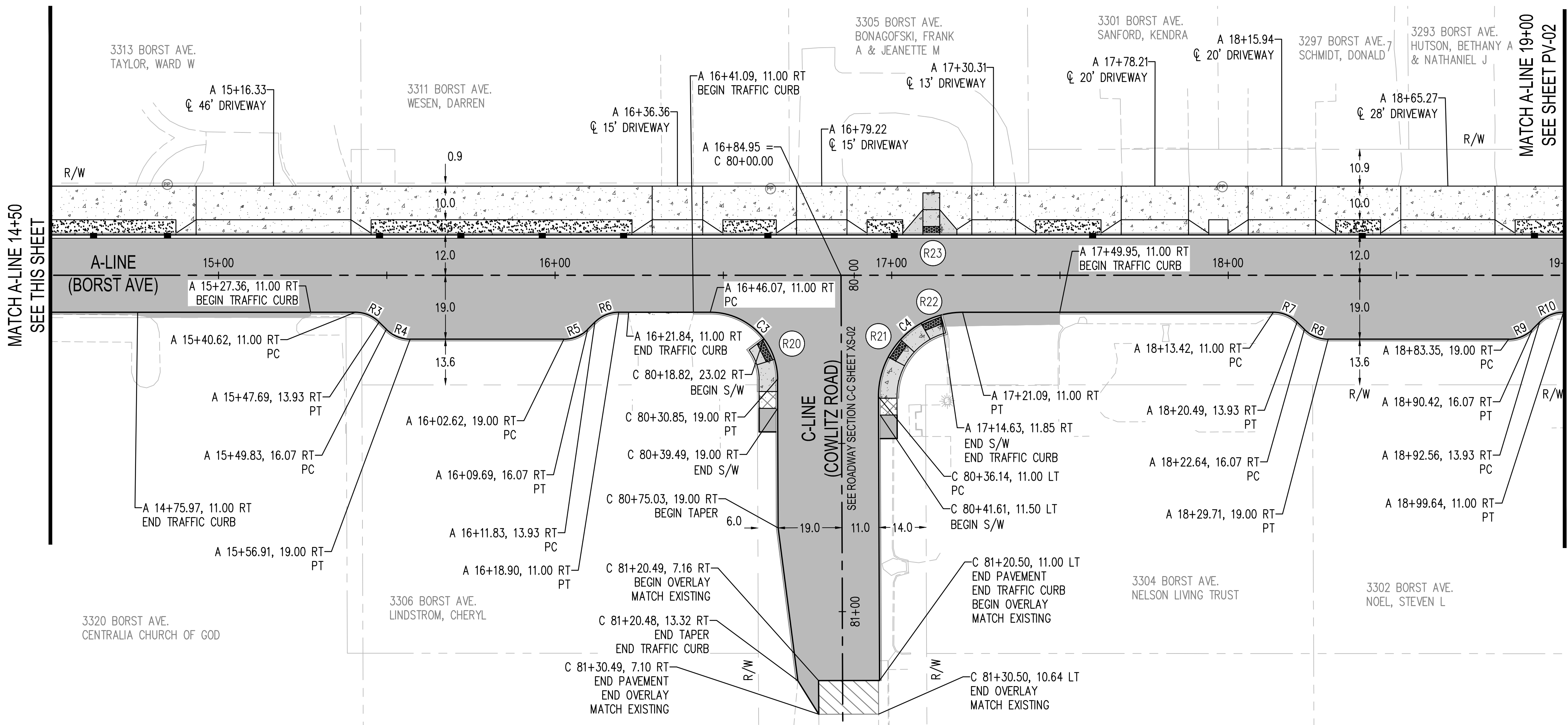
- PAVE AROUND EXISTING POWER POLES THAT ARE LOCATED IN PROPOSED SIDEWALK
- SEE SHEET PV-02 FOR CURVE TABLE

BULB OUT CURVE TABLE

CURVE #	RADIUS	CENTER POINT
R1	10.00	B 81+80.90, 0.45 LT
R2	5.00	B 81+72.57, 12.93 LT
R3	10.00	A 15+40.62, 21.00 RT
R4	10.00	A 15+56.91, 9.00 RT
R5	10.00	A 16+02.62, 9.00 RT
R6	10.00	A 16+18.90, 21.00 RT
R7	10.00	A 18+13.42, 21.00 RT
R8	10.00	A 18+29.71, 9.00 RT
R9	10.00	A 18+83.35, 9.00 RT
R10	10.00	A 18+99.64, 21.00 RT

LEGEND

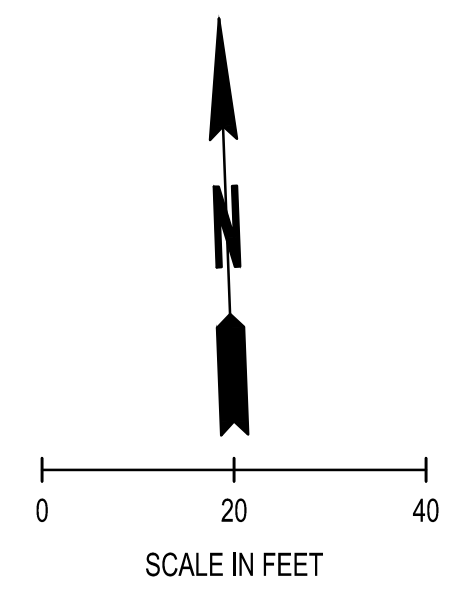
	HMA CL. 1/2 IN. PG 58-22	SEE SHEET XS-01
	PLANING AND OVERLAY HMA CL. 1/2 IN. PG 58-22	SEE SHEET XS-01
	CEMENT CONC. SIDEWALK (S/W)	SEE SHEET XS-01
	MONOLITHIC CEMENT CONC. CURB AND SIDEWALK (MCCCS)	SEE SHEET XS-01
	BIORETENTION AREA	SEE DETAIL SHEET XS-01
	CEMENT CONC. TRAFFIC CURB AND GUTTER (C&G) SEE BEVELED CURB END DETAIL SHEET XS-01	SEE WSDOT STD PLAN F-10.12
	CEMENT CONC. TRAFFIC CURB SEE BEVELED CURB END DETAIL SHEET XS-01	SEE WSDOT STD PLAN F-10.12
	CEMENT CONC. CURB RAMP TYPE PERPENDICULAR	SEE WSDOT STD PLAN F-40.15
	CEMENT CONC. CURB RAMP TYPE PARALLEL	SEE WSDOT STD PLAN F-40.12
	CEMENT CONC. CURB RAMP TYPE PARALLEL	SEE WSDOT STD PLAN F-40.12
	CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION	SEE WSDOT STD PLAN F-40.16
	CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION	SEE WSDOT STD PLAN F-40.16
	DETECTABLE WARNING SURFACE	SEE WSDOT STD PLAN F-45.10-02
	CEMENT CONC. DRIVEWAY TYPE 1	SEE WSDOT STD PLAN F-80.10
	CEMENT CONC. DRIVEWAY TYPE 3	SEE WSDOT STD PLAN F-80.10
	CURB RAMP	SEE SHEETS PV-07 TO PV-14



BY	
DATE	
REVISIONS	
<p>SCJ ALLIANCE CONSULTING SERVICES 212 N TOWER AVE, CENTRALIA, WA 98531 P: 360.669.0700 F: 360.352.1509 SCALLIANCE.COM</p>	
SHEET TITLE:	PAVING PLAN
PROJECT NAME:	BORST AVENUE CENTRALIA, WA
SEAL:	
DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 PV-01
DRAWING NO.:	PV-01
SHEET NO.:	46 OF 88

Apr 09, 2019 9:08:44am - User: jpbh.brannin
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SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



PAVING NOTES

- PAVE AROUND EXISTING POWER POLES THAT ARE LOCATED IN PROPOSED SIDEWALK

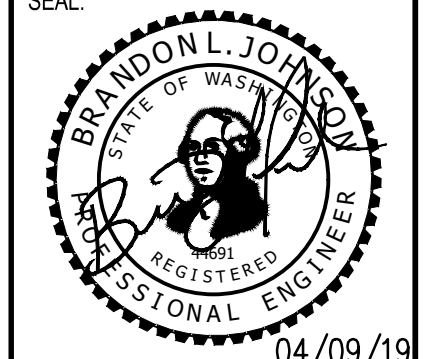
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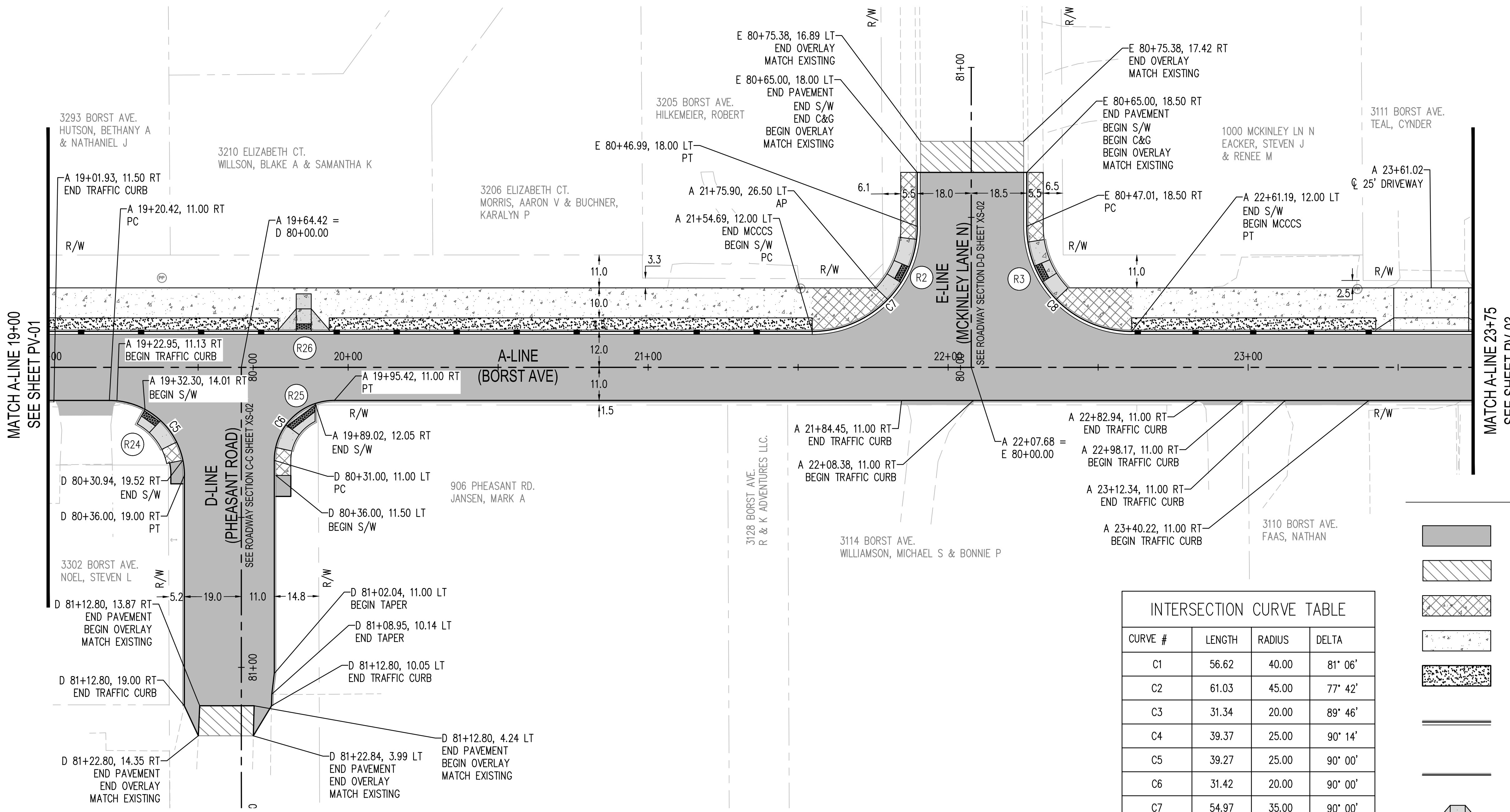
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PAVING PLAN
BORST AVENUE
CENTRALIA, WA

SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 PV-01
DRAWING NO: PV-02
SHEET NO: 47 OF 88

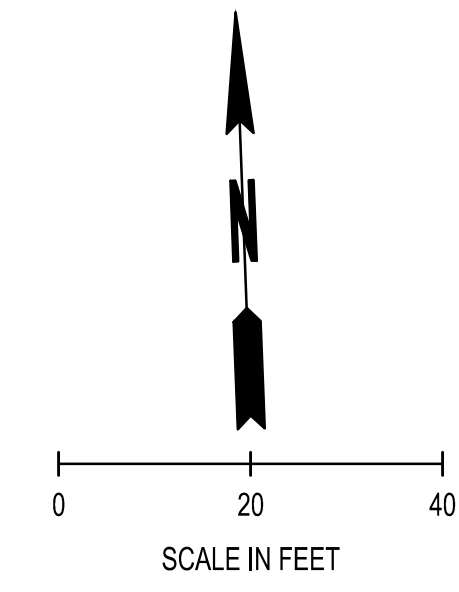


LEGEND

	HMA CL. 1/2 IN. PG 58-22	SEE SHEET XS-01
	PLANING AND OVERLAY HMA CL. 1/2 IN. PG 58-22	SEE SHEET XS-01
	CEMENT CONC. SIDEWALK (S/W)	SEE SHEET XS-01
	MONOLITHIC CEMENT CONC. CURB AND SIDEWALK (MCCCS)	SEE SHEET XS-01
	BIORETENTION AREA	SEE DETAIL SHEET XS-01
	CEMENT CONC. TRAFFIC CURB AND GUTTER (C&G) SEE BEVELED CURB END DETAIL SHEET XS-01	SEE WSDOT STD PLAN F-10.12
	CEMENT CONC. TRAFFIC CURB SEE BEVELED CURB END DETAIL SHEET XS-01	SEE WSDOT STD PLAN F-10.12
	CEMENT CONC. CURB RAMP TYPE PERPENDICULAR	SEE WSDOT STD PLAN F-40.15
	CEMENT CONC. CURB RAMP TYPE PARALLEL	SEE WSDOT STD PLAN F-40.12
	CEMENT CONC. CURB RAMP TYPE PARALLEL	SEE WSDOT STD PLAN F-40.12
	CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION	SEE WSDOT STD PLAN F-40.16
	CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION	SEE WSDOT STD PLAN F-40.16
	DETECTABLE WARNING SURFACE	SEE WSDOT STD PLAN F-45.10-02
	CEMENT CONC. DRIVEWAY TYPE 1	SEE WSDOT STD PLAN F-80.10
	CEMENT CONC. DRIVEWAY TYPE 3	SEE WSDOT STD PLAN F-80.10
	CURB RAMP	SEE SHEETS PV-07 TO PV-14

Apr 08, 2019 9:08:55am - User: jpbh.brannin
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SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



PAVING NOTES

- PAVE AROUND EXISTING POWER POLES THAT ARE LOCATED IN PROPOSED SIDEWALK
- SEE SHEET PV-02 FOR CURVE TABLE

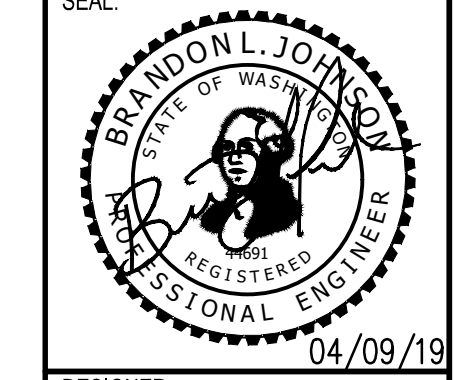
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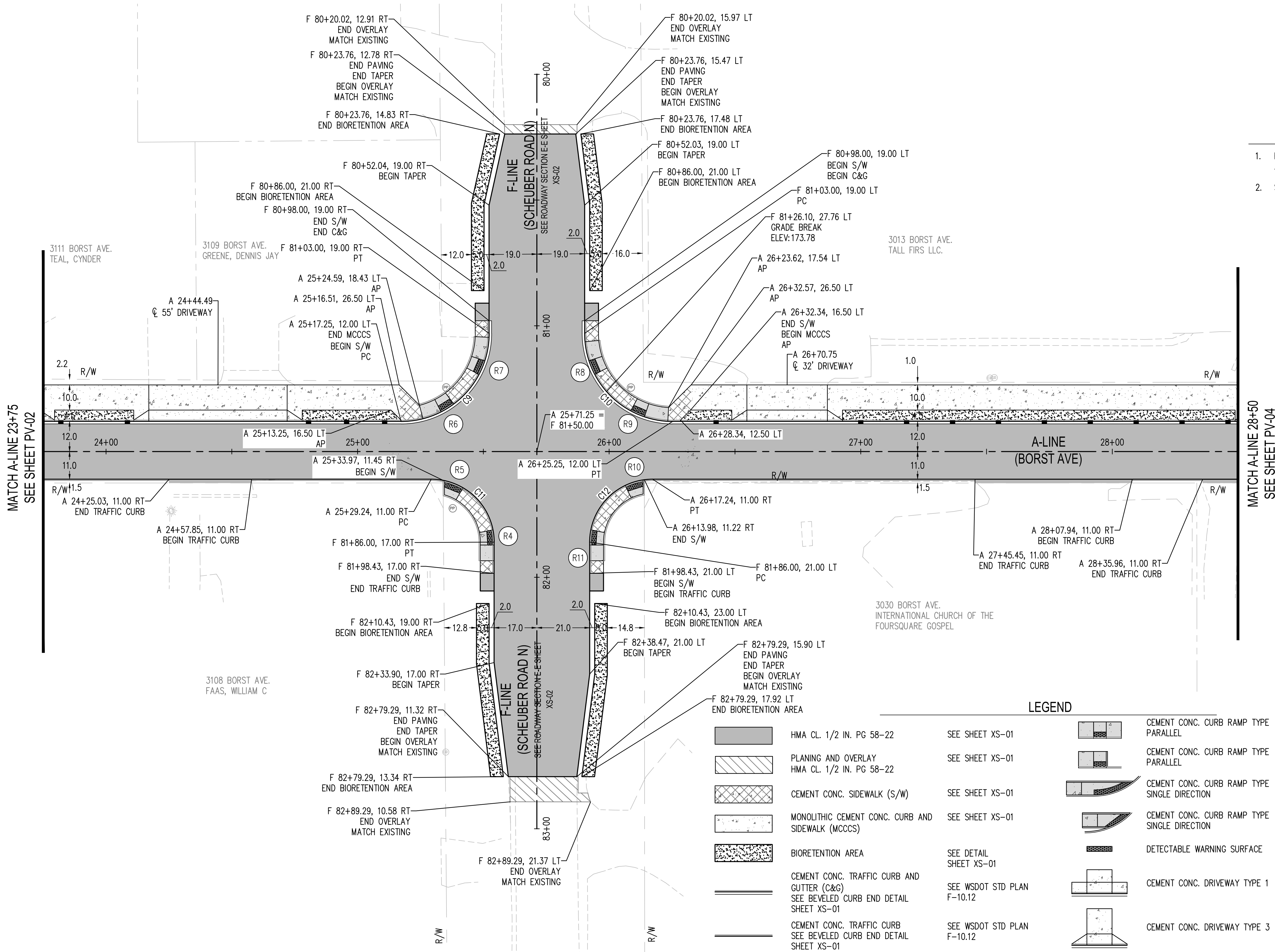
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PAVING PLAN
BORST AVENUE
CENTRALIA, WA

SHEET TITLE: PAVING PLAN
PROJECT NAME: BORST AVENUE
CENTRALIA, WA
CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 PV-01
DRAWING NO.:	PV-03
SHEET NO.:	48 OF 88



LEGEND

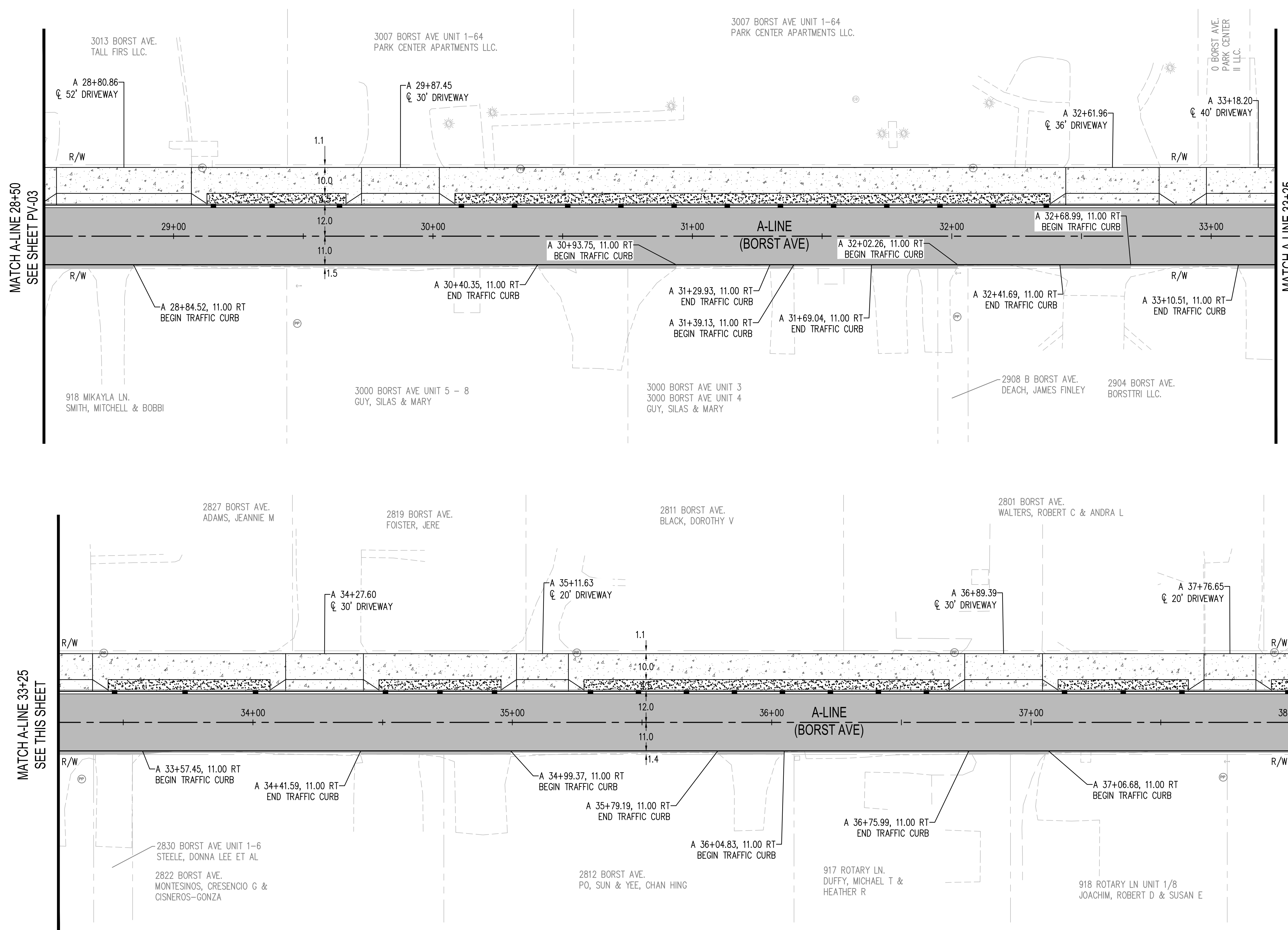
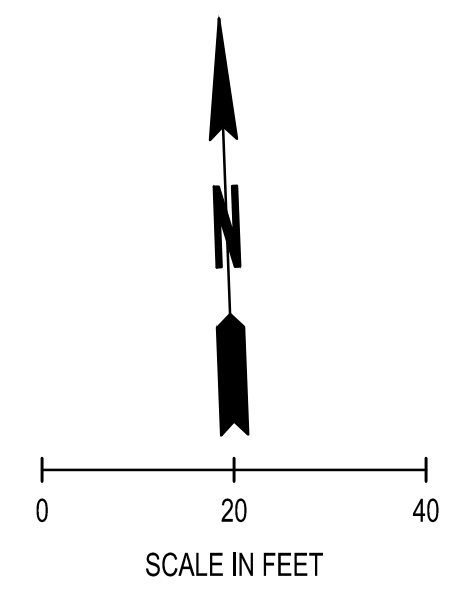
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	PLANING AND OVERLAY HMA CL. 1/2 IN. PG 58-22	SEE SHEET XS-01		CEMENT CONC. CURB RAMP TYPE PARALLEL	SEE WSDOT STD PLAN F-40.12
	CEMENT CONC. SIDEWALK (S/W)	SEE SHEET XS-01		CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION	SEE WSDOT STD PLAN F-40.16
	MONOLITHIC CEMENT CONC. CURB AND SIDEWALK (MCCCS)	SEE SHEET XS-01		CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION	SEE WSDOT STD PLAN F-40.16
	BIORETENTION AREA	SEE DETAIL SHEET XS-01		DETECTABLE WARNING SURFACE	SEE WSDOT STD PLAN F-45.10-02
	CEMENT CONC. TRAFFIC CURB AND GUTTER (C&G) SEE BEVELED CURB END DETAIL SHEET XS-01	SEE WSDOT STD PLAN F-10.12		CEMENT CONC. DRIVEWAY TYPE 1	SEE WSDOT STD PLAN F-80.10
	CEMENT CONC. TRAFFIC CURB SEE BEVELED CURB END DETAIL SHEET XS-01	SEE WSDOT STD PLAN F-10.12		CEMENT CONC. DRIVEWAY TYPE 3	SEE WSDOT STD PLAN F-80.10
	CEMENT CONC. CURB RAMP TYPE PERPENDICULAR	SEE WSDOT STD PLAN F-40.15		CURB RAMP	SEE SHEETS PV-07 TO PV-14

Apr 09, 2019 9:04:09am - User: jpbh.bramin
N:\PROJECTS\0635_LEWIS COUNTY\0635.04_LEWIS COUNTY BORST AVENUE IMPROVEMENT\CAAD\0635.04 PV-01.DWG

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.

PAVING NOTES

1. PAVE AROUND EXISTING POWER POLES THAT ARE LOCATED IN PROPOSED SIDEWALK
2. SEE SHEET PV-02 FOR CURVE TABLE
3. SEE SHEET PV-01 FOR LEGEND



MATCH A-LINE 28+50
SEE SHEET PV-03

MATCH A-LINE 33+25
SEE THIS SHEET

MATCH A-LINE 33+25
SEE THIS SHEET

MATCH A-LINE 38+00
SEE SHEET PV-05

REVISIONS	DATE	BY

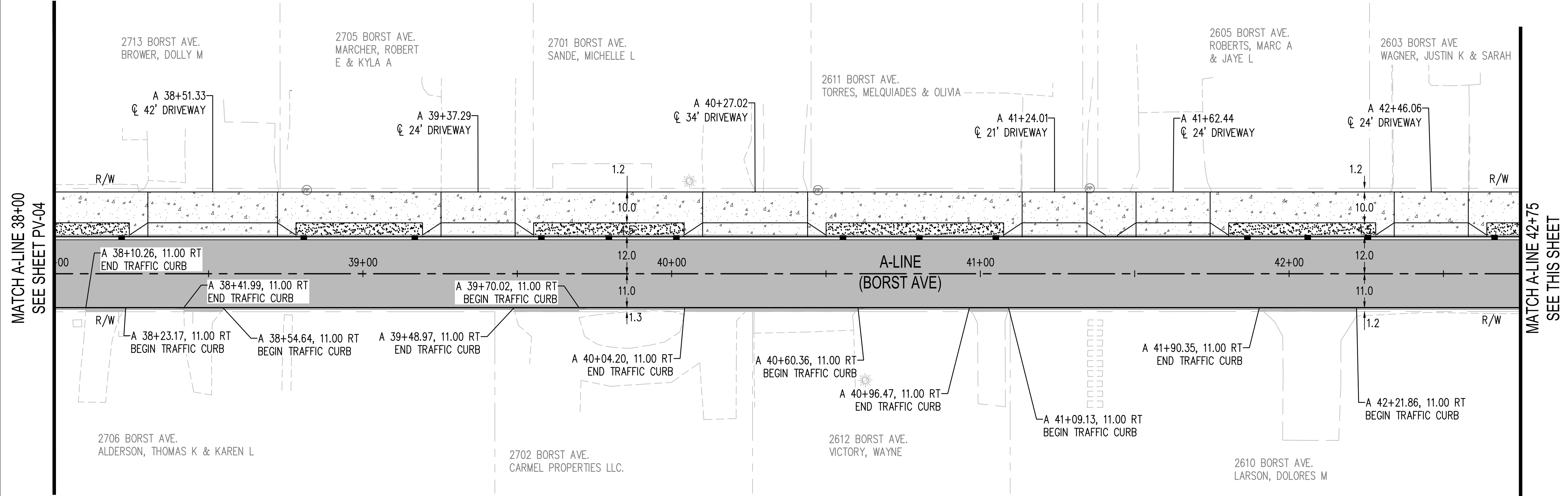
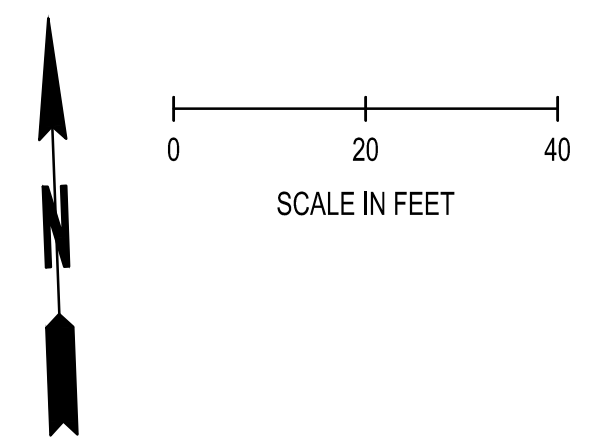
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SHEET TITLE: PAVING PLAN
PROJECT NAME: BORST AVENUE
CENTRALIA, WA
CRP 2139

DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 PV-01
DRAWING NO: PV-04
SHEET NO: 49 OF 88

Apr 09, 2019 9:04:18am - User: path.brannin
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SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



MATCH A-LINE 38+00
SEE SHEET PV-04

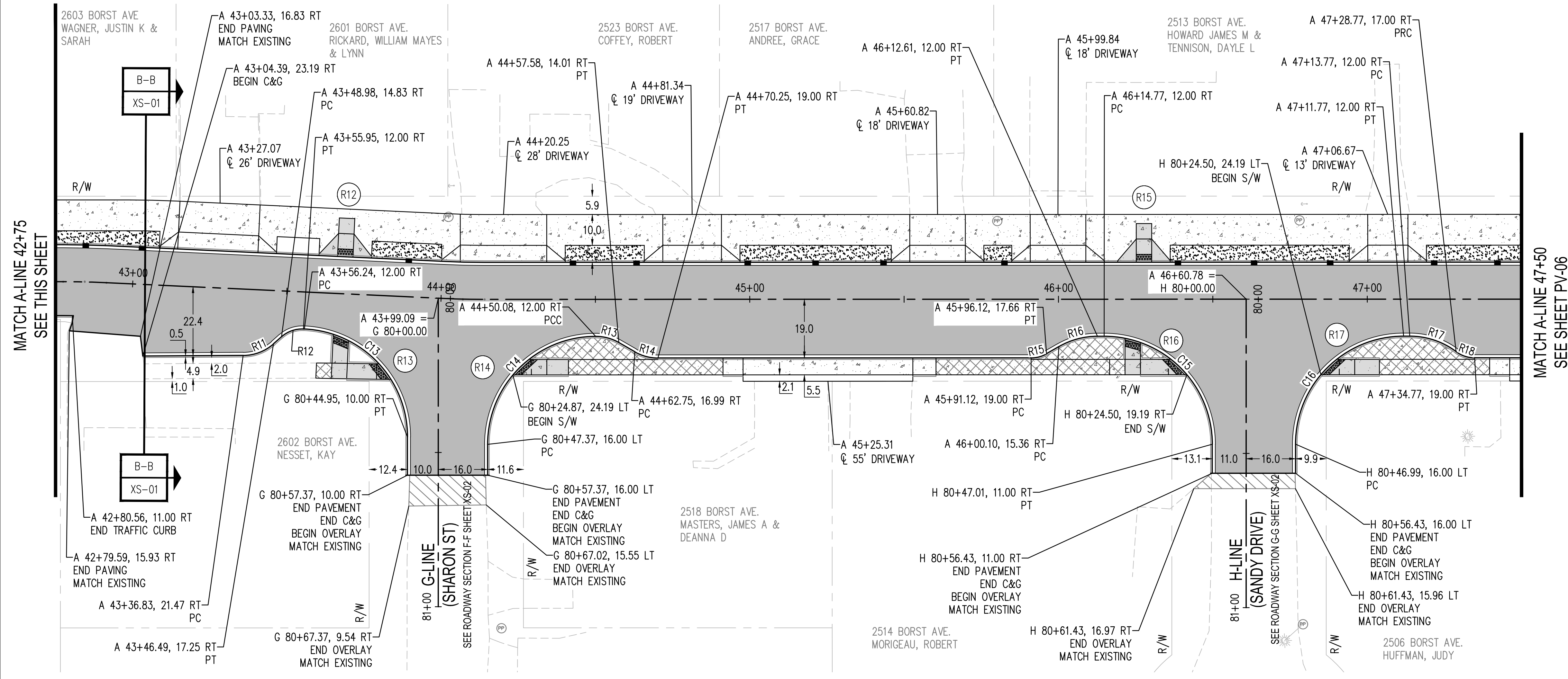
MATCH A-LINE 42+75
SEE THIS SHEET

PAVING NOTES

1. PAVE AROUND EXISTING POWER POLES THAT ARE LOCATED IN PROPOSED SIDEWALK
2. SEE SHEET PV-02 FOR CURVE TABLE
3. SEE SHEET PV-01 FOR LEGEND

BULB OUT CURVE TABLE

CURVE #	RADIUS	CENTER POINT
R11	15.00	A 43+36.04, 6.49 RT
R12	10.03	A 43+55.95, 22.00 RT
R13	15.00	A 44+50.08, 27.00 RT
R14	15.00	A 44+70.25, 4.00 RT
R15	10.00	A 45+91.12, 9.00 RT
R16	25.00	A 46+21.61, 37.00 RT
R17	24.99	A 47+13.77, 37.00 RT
R18	10.00	A 47+34.77, 9.00 RT



MATCH A-LINE 42+75
SEE THIS SHEET

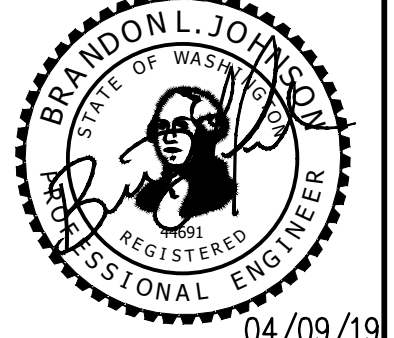
MATCH A-LINE 47+50
SEE SHEET PV-06

REVISIONS	DATE	BY

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PAVING PLAN
BORST AVENUE
CENTRALIA, WA

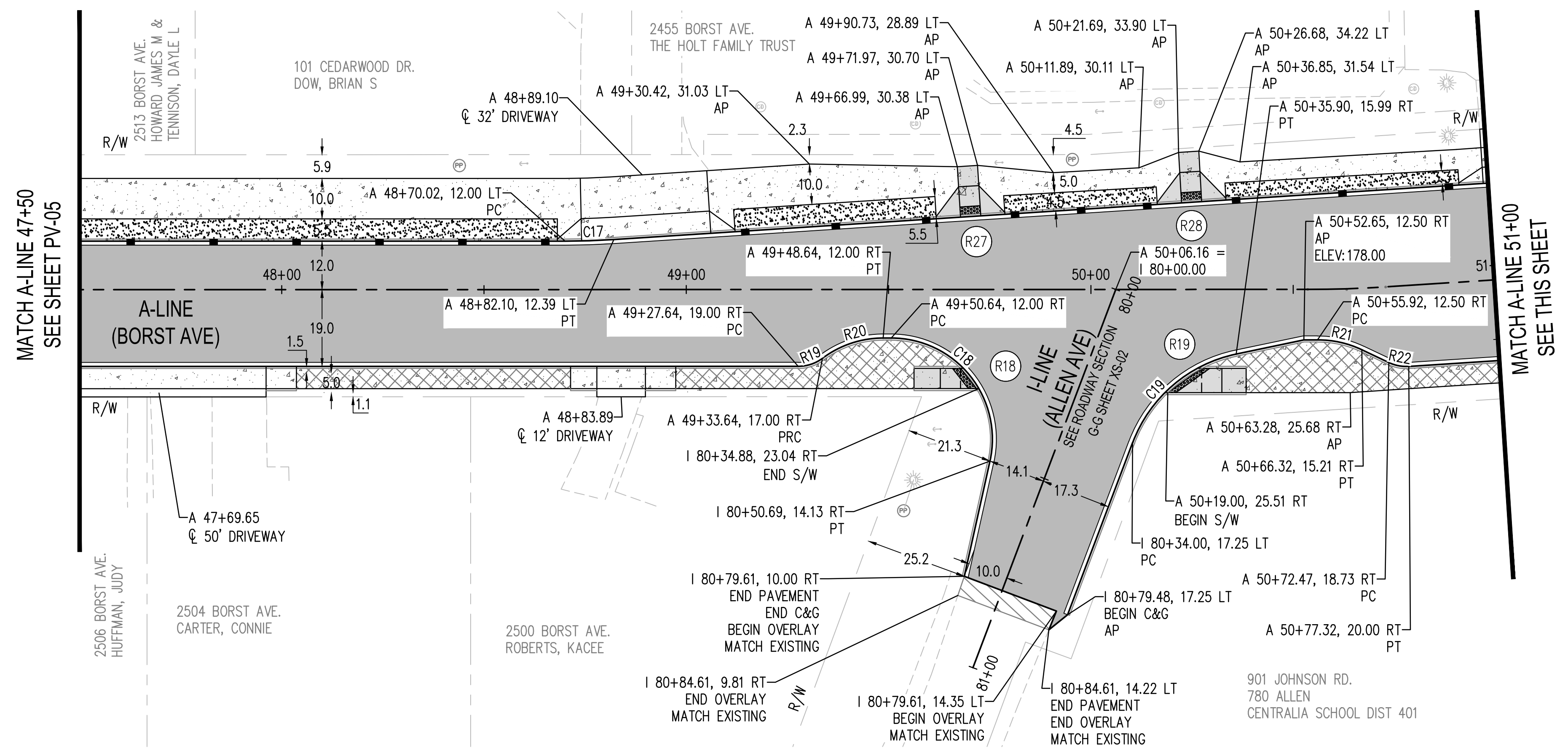
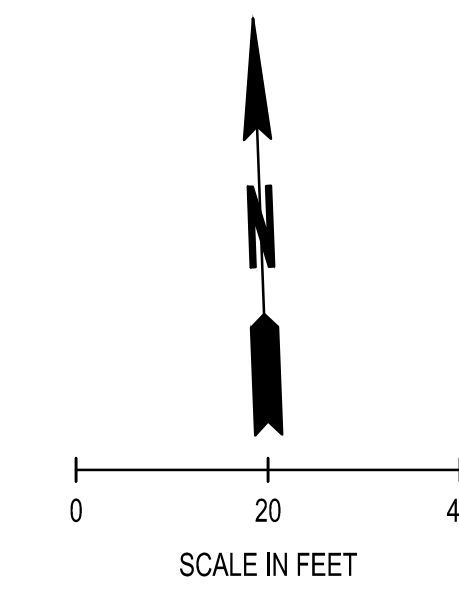
SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 PV-01
DRAWING NO.:	PV-05
SHEET NO.:	50 OF 88

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SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



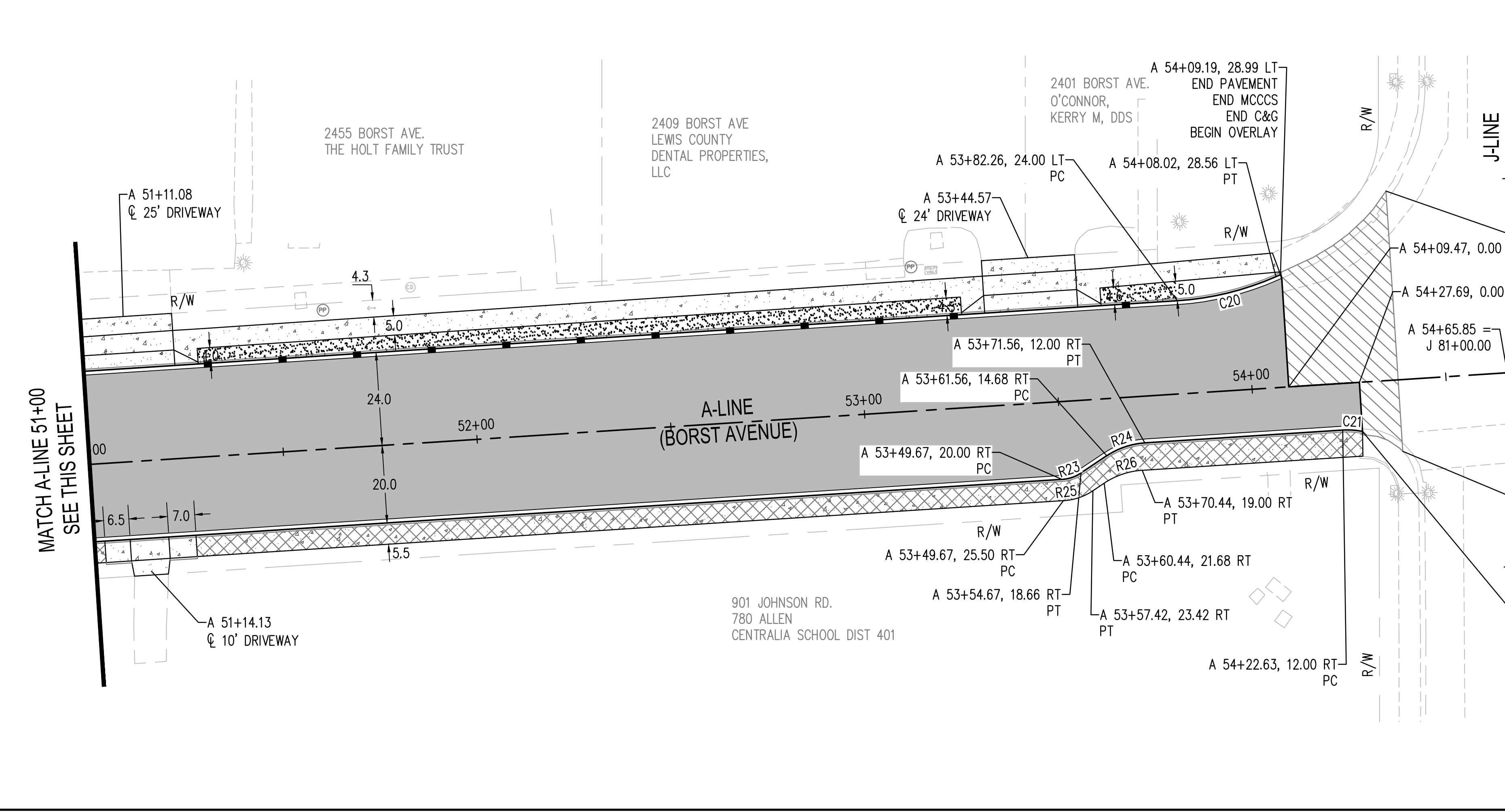
- PAVING NOTES**
- PAVE AROUND EXISTING POWER POLES THAT ARE LOCATED IN PROPOSED SIDEWALK
 - SEE SHEET PV-02 FOR CURVE TABLE

BULB OUT CURVE TABLE

CURVE #	RADIUS	CENTER POINT
R19	10.00	A 49+27.64, 9.00 RT
R20	25.00	A 49+48.64, 37.00 RT
R21	25.00	A 50+55.88, 37.48 RT
R22	10.00	A 50+77.32, 10.00 RT
R23	10.00	A 53+49.67, 10.00 RT
R24	20.00	A 53+71.56, 32.00 RT
R25	15.50	A 53+49.67, 10.00 RT
R26	20.00	A 53+49.67, 10.00 RT

LEGEND

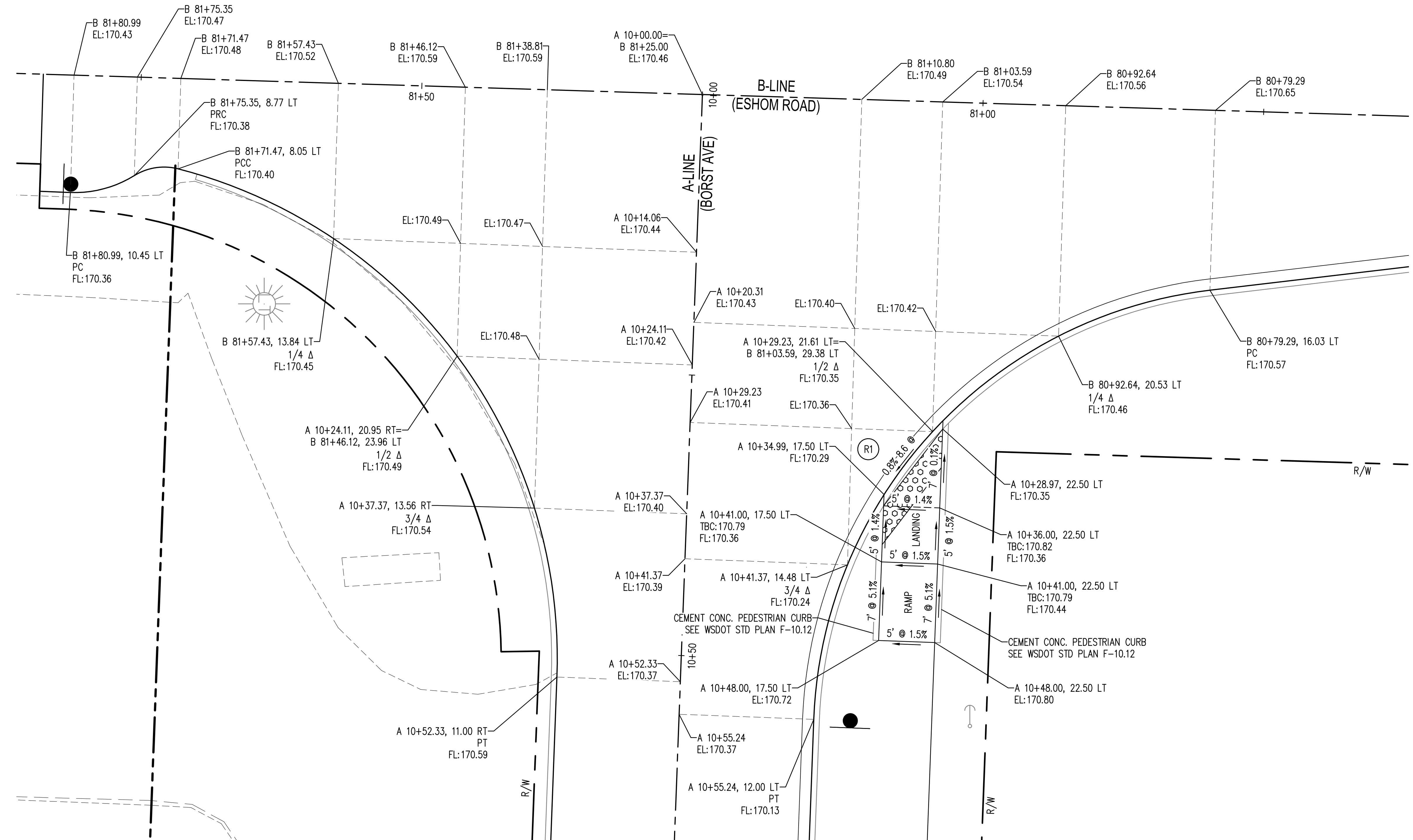
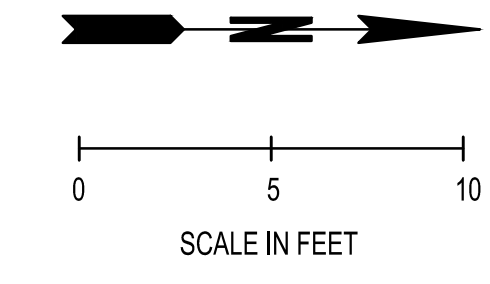
	HMA CL. 1/2 IN. PG 58-22	SEE SHEET XS-01
	PLANING AND OVERLAY HMA CL. 1/2 IN. PG 58-22	SEE SHEET XS-01
	CEMENT CONC. SIDEWALK (S/W)	SEE SHEET XS-01
	MONOLITHIC CEMENT CONC. CURB AND SIDEWALK (MCCCS)	SEE SHEET XS-01
	BIORETENTION AREA	SEE DETAIL SHEET XS-01
	CEMENT CONC. TRAFFIC CURB AND GUTTER (C&G) SEE BEVELED CURB END DETAIL SHEET XS-01	SEE WSDOT STD PLAN F-10.12
	CEMENT CONC. TRAFFIC CURB SEE BEVELED CURB END DETAIL SHEET XS-01	SEE WSDOT STD PLAN F-10.12
	CEMENT CONC. CURB RAMP TYPE PERPENDICULAR	SEE WSDOT STD PLAN F-40.15
	CEMENT CONC. CURB RAMP TYPE PARALLEL	SEE WSDOT STD PLAN F-40.12
	CEMENT CONC. CURB RAMP TYPE PARALLEL	SEE WSDOT STD PLAN F-40.12
	CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION	SEE WSDOT STD PLAN F-40.16
	CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION	SEE WSDOT STD PLAN F-40.16
	DETECTABLE WARNING SURFACE	SEE WSDOT STD PLAN F-45.10-02
	CEMENT CONC. DRIVEWAY TYPE 1	SEE WSDOT STD PLAN F-80.10
	CEMENT CONC. DRIVEWAY TYPE 3	SEE WSDOT STD PLAN F-80.10
	CURB RAMP	SEE SHEETS PV-07 TO PV-14



BY:	
DATE:	
REVISIONS:	
<p>SCJ ALLIANCE CONSULTING SERVICES 212 N TOWER AVE, CENTRALIA, WA 98531 P: 360.669.0700 F: 360.352.1509 SCJALLIANCE.COM</p>	
<p>PAVING PLAN</p> <p>BORST AVENUE</p> <p>CENTRALIA, WA</p>	
SHEET TITLE:	CRP 2139
PROJECT NAME:	
DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 PV-01
DRAWING NO.:	PV-06
SHEET NO.:	51 OF 88

Apr 08, 2019 9:08:42am - User: jpbh.bramin
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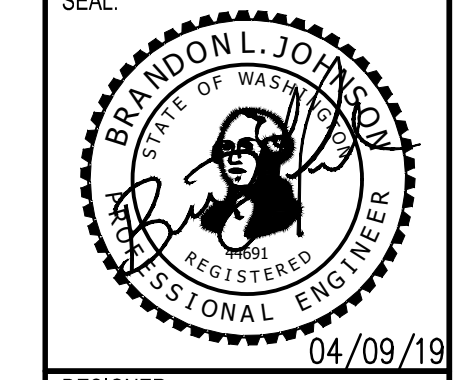
SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



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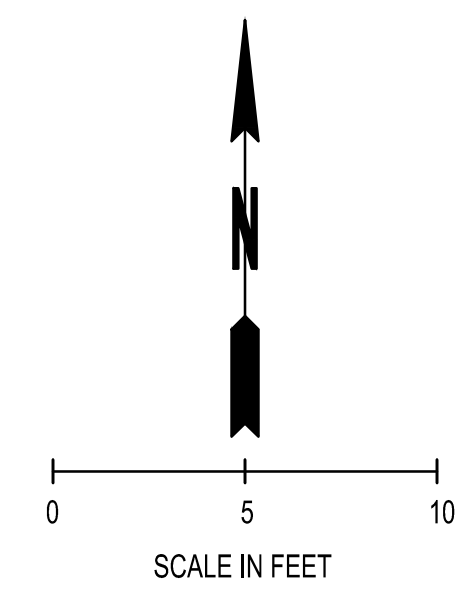
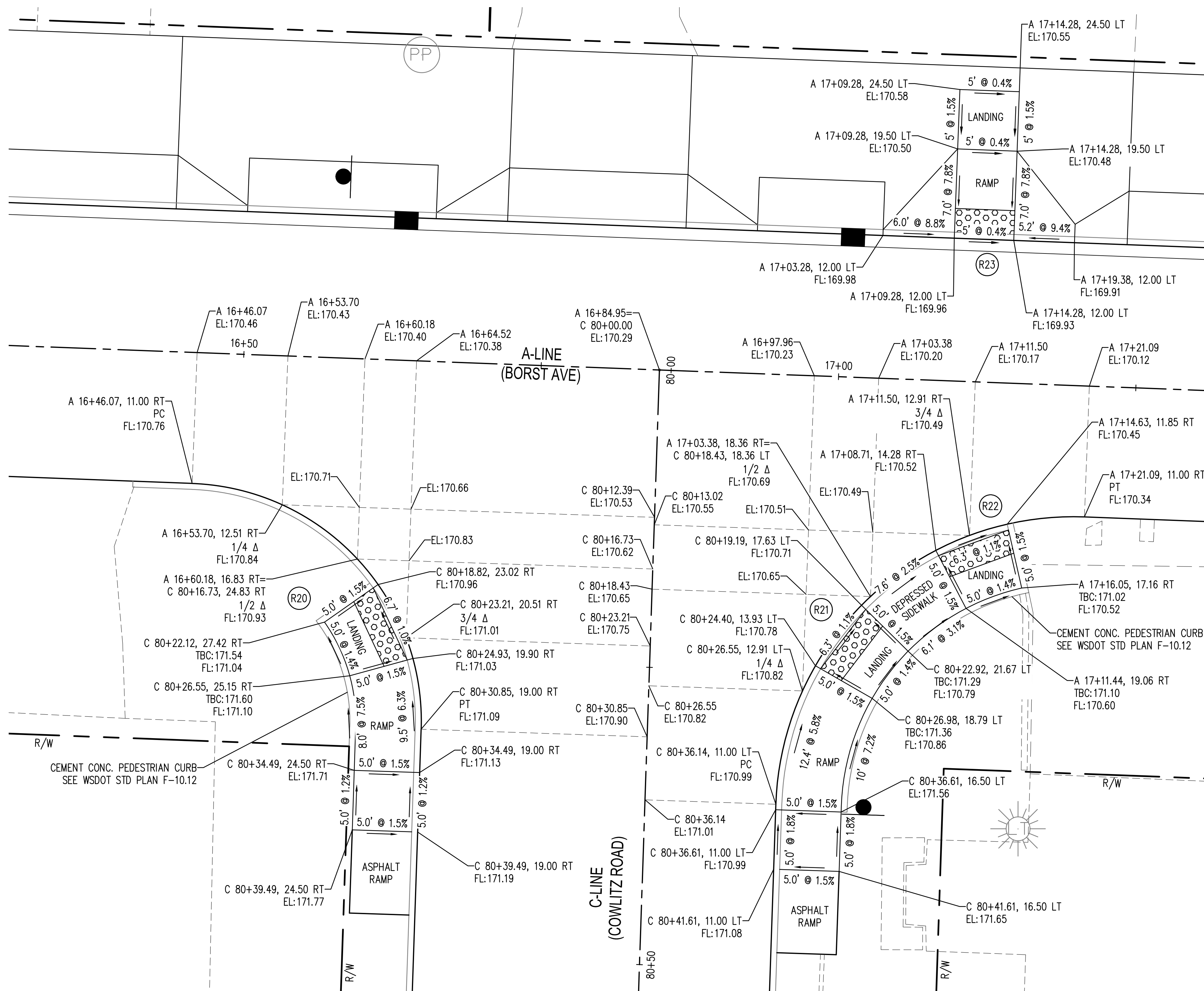
INTERSECTION DETAILS
 BORST AVENUE
 CENTRALIA, WA
 PROJECT NAME: CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO:	0635.04
DRAWING FILE NO:	0635.04 PV-02
DRAWING NO:	PV-07
SHEET NO:	52 OF 88

Apr 09, 2019 9:10:05am - User: pdh.brannin
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SHEET TITLE: INTERSECTION DETAILS
 PROJECT NAME: BORST AVENUE
 CENTRALIA, WA
 CRP 2139

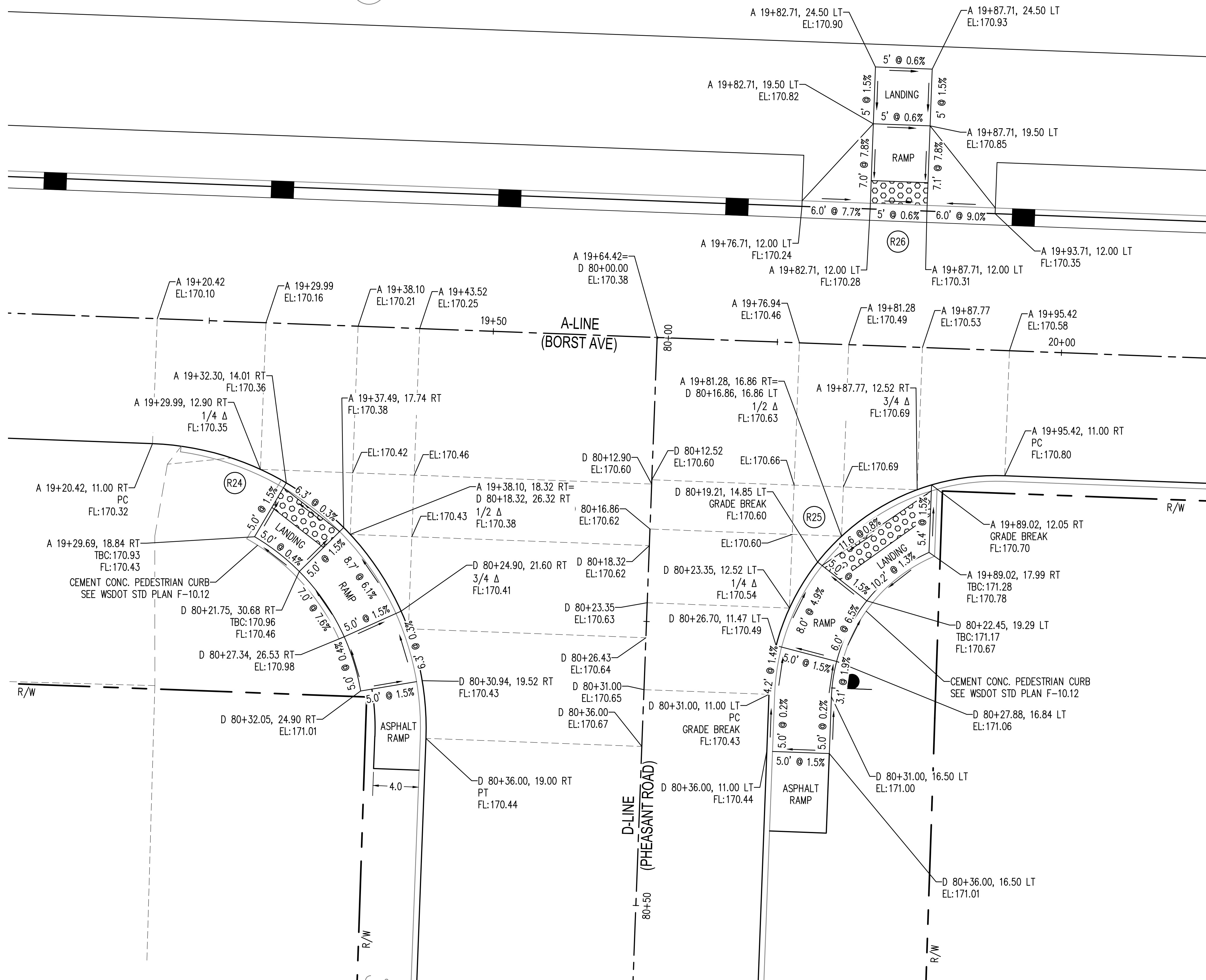
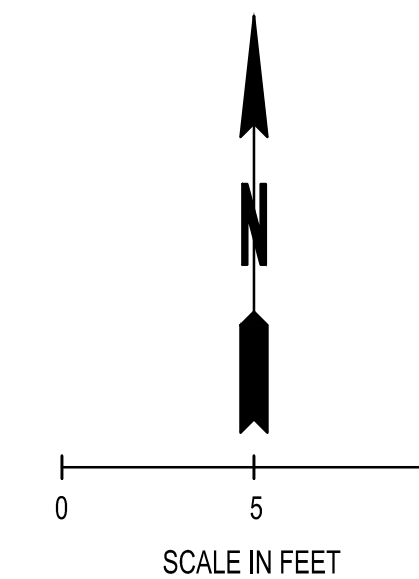
SEAL:

DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 PV-02
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SHEET NO.:	53 OF 88

Apr 09, 2019 9:10:10am - User: jpb@brannin
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SEC. 1 AND 6, T14N., R3W AND 2W., W.M.

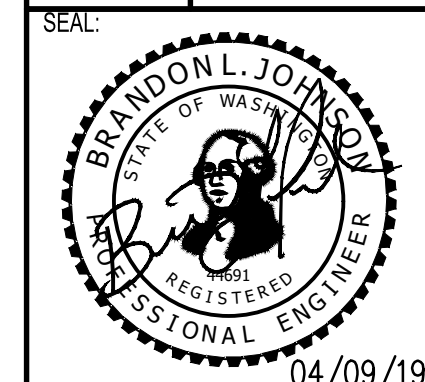
(PP)



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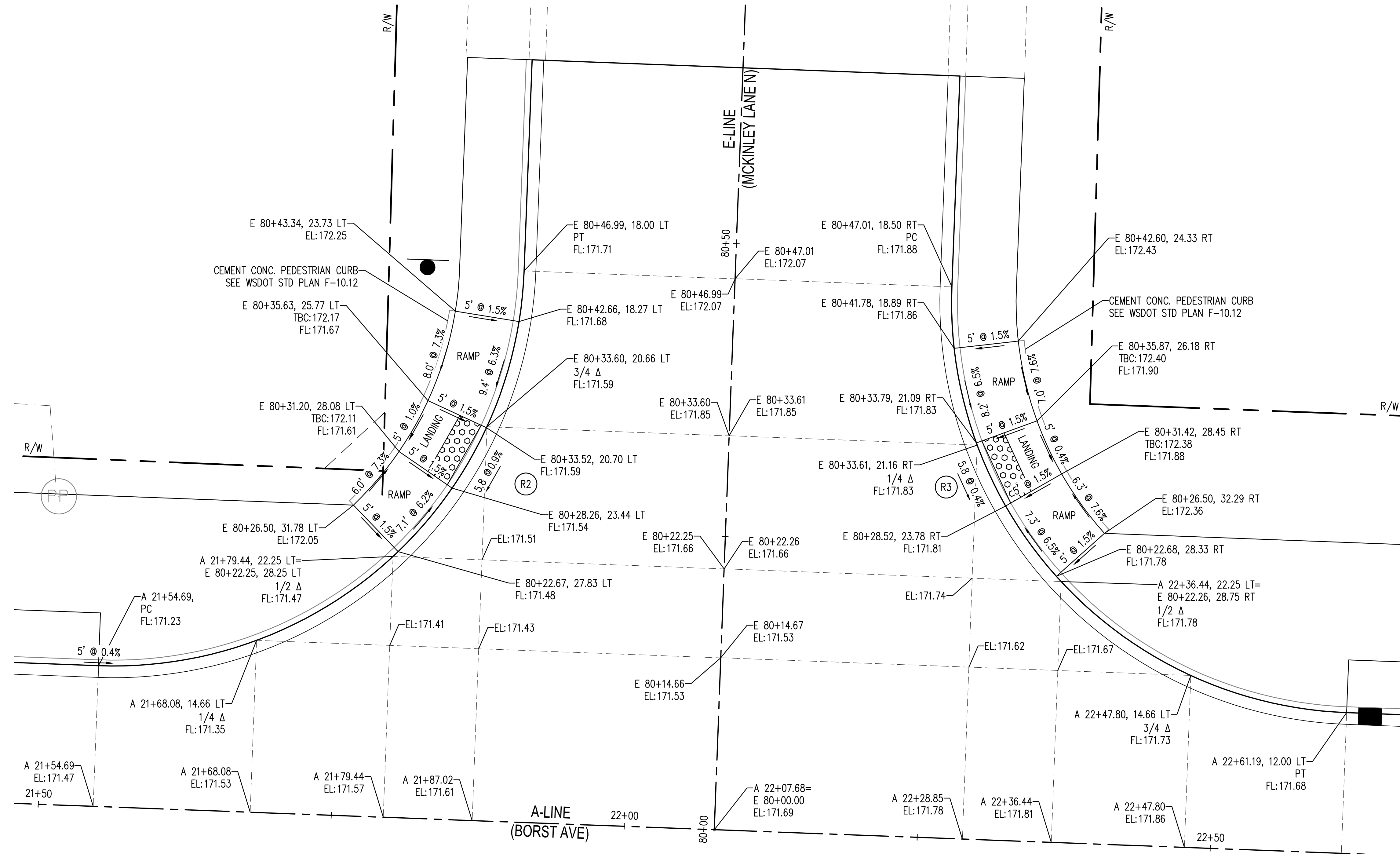
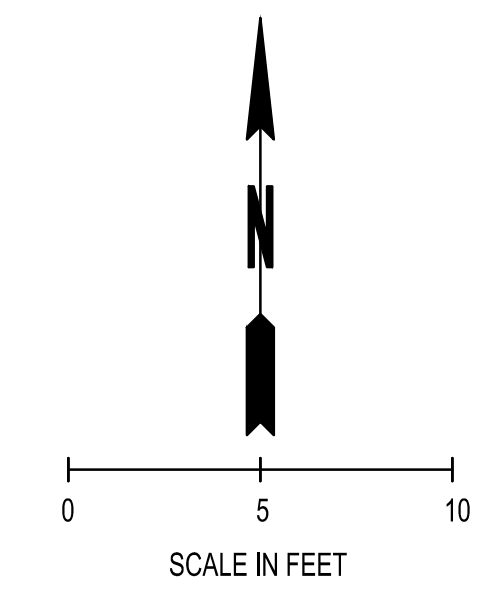
SHEET TITLE: INTERSECTION DETAILS
 PROJECT NAME: BORST AVENUE
 CENTRALIA, WA
 CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO:	0635.04
DRAWING FILE NO:	0635.04 PV-02
DRAWING NO:	PV-09
SHEET NO:	54 OF 88

Apr 09, 2019 9:10:15am - User: psabramin
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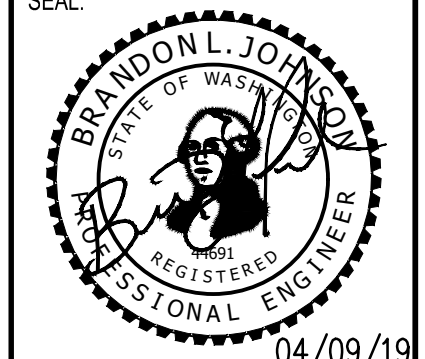
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INTERSECTION DETAILS

BORST AVENUE
CENTRALIA, WA

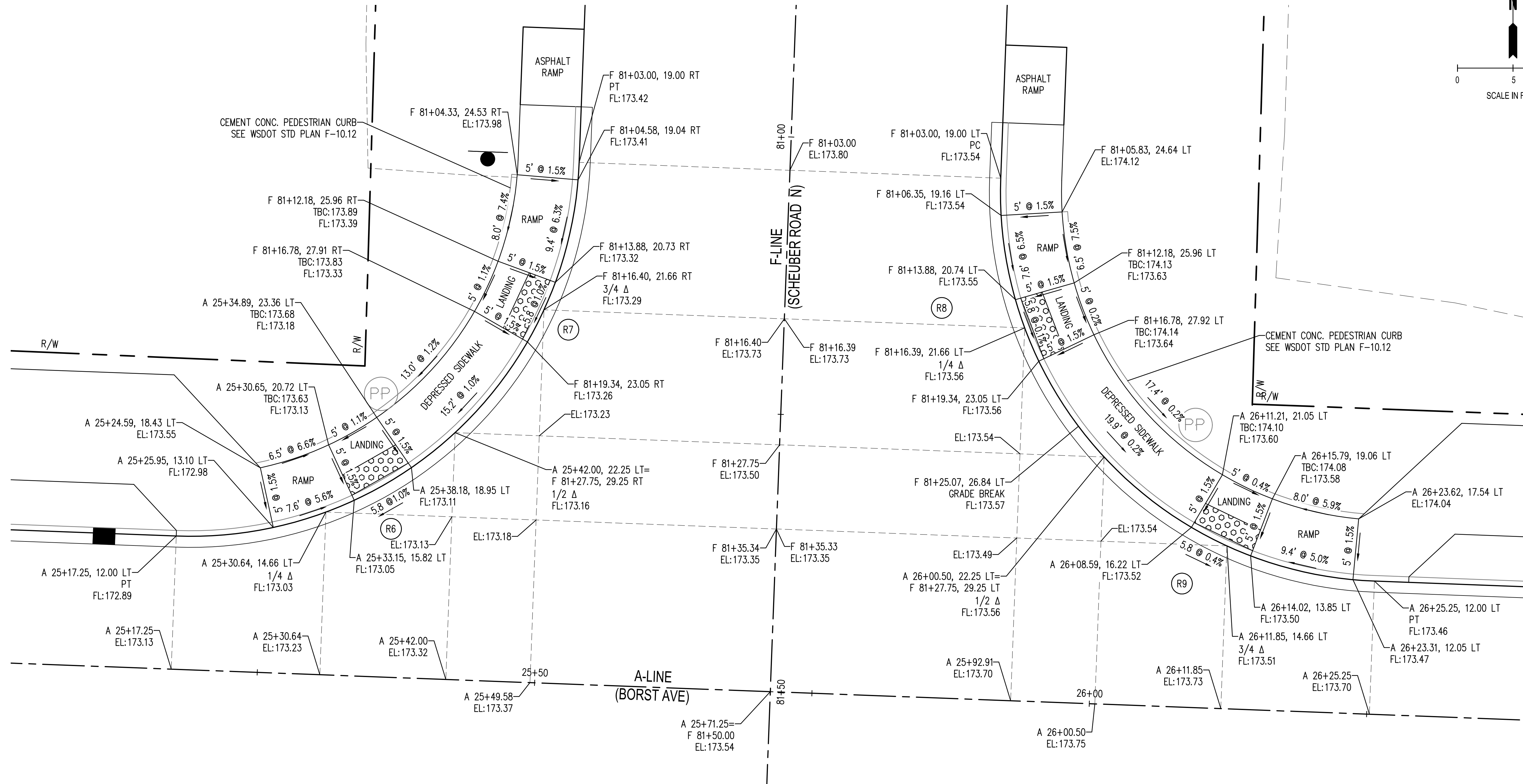
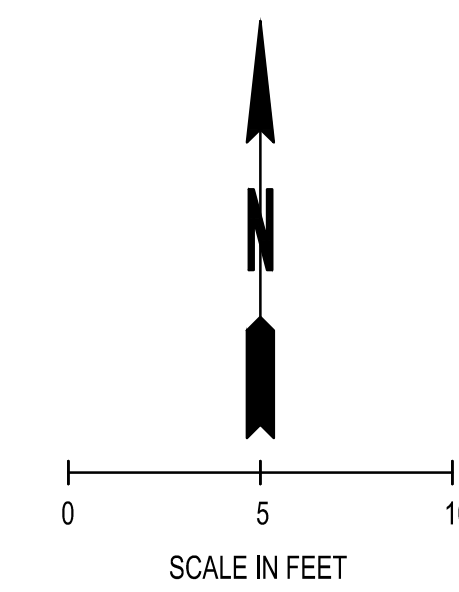
SHEET TITLE: INTERSECTION DETAILS
PROJECT NAME: BORST AVENUE
CRP: 2139



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DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO:	0635.04
DRAWING FILE NO:	0635.04 PV-02
DRAWING NO:	PV-10
SHEET NO:	55 OF 88

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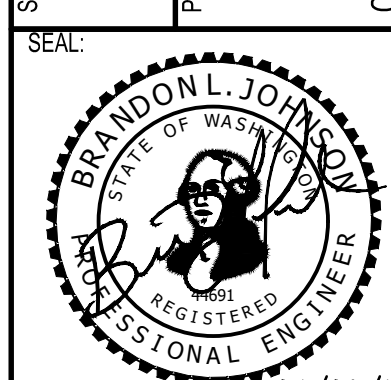
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INTERSECTION DETAILS

BORST AVENUE
CENTRALIA, WA

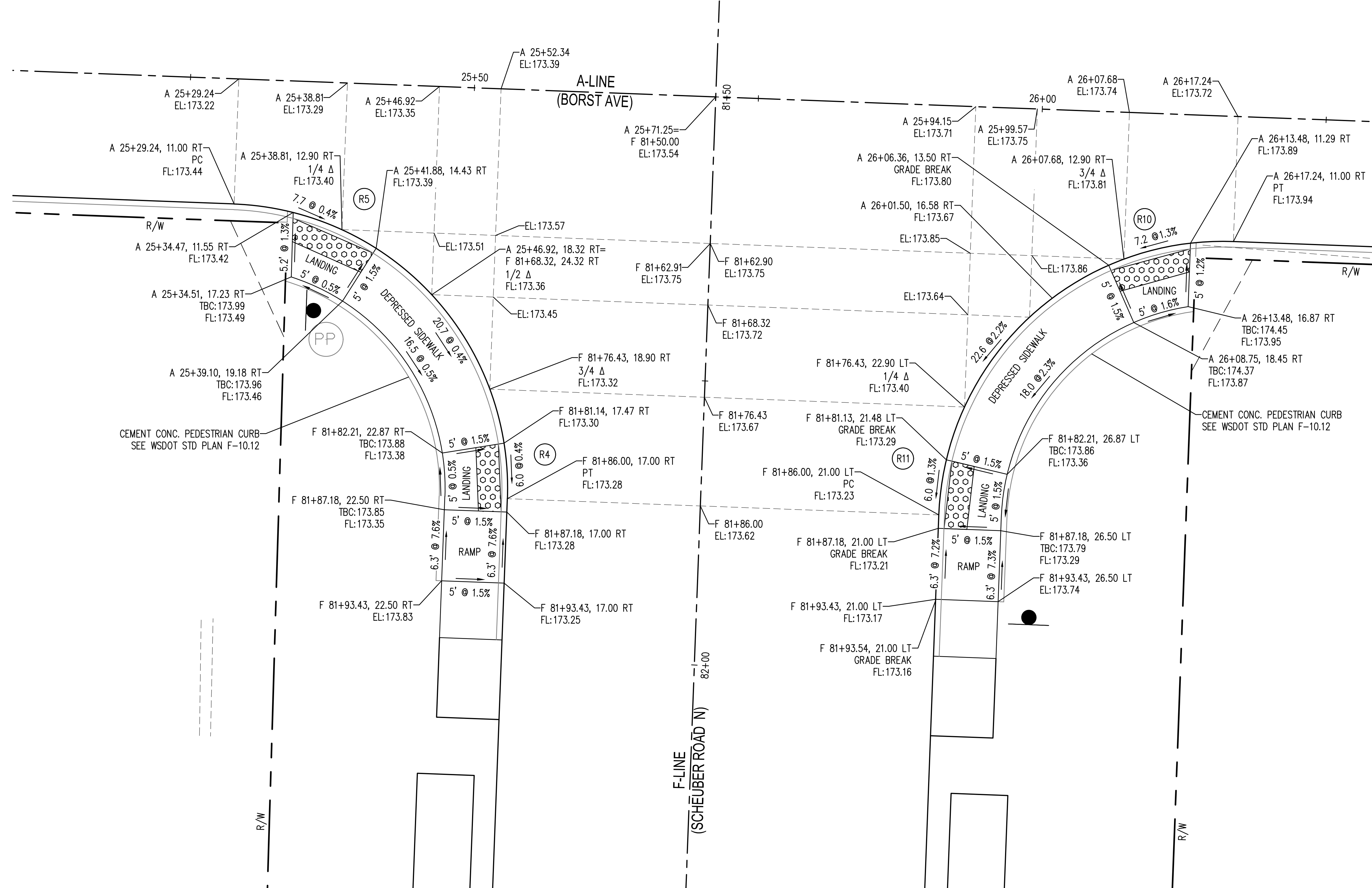
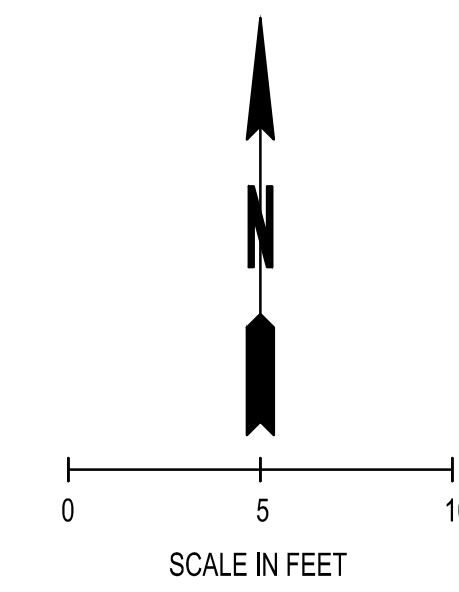
SHEET TITLE: INTERSECTION DETAILS
PROJECT NAME: BORST AVENUE
CRP: 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO:	0635.04
DRAWING FILE NO:	0635.04 PV-02
DRAWING NO:	PV-11
SHEET NO:	56 OF 88

Apr 09, 2019 9:10:25am - User: pdh.bramin
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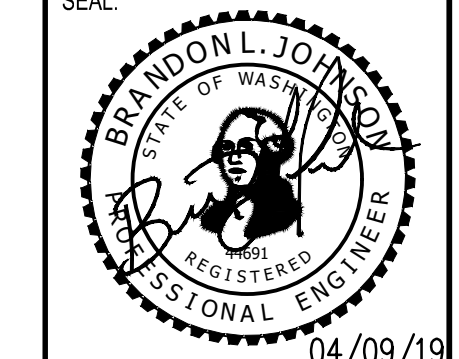


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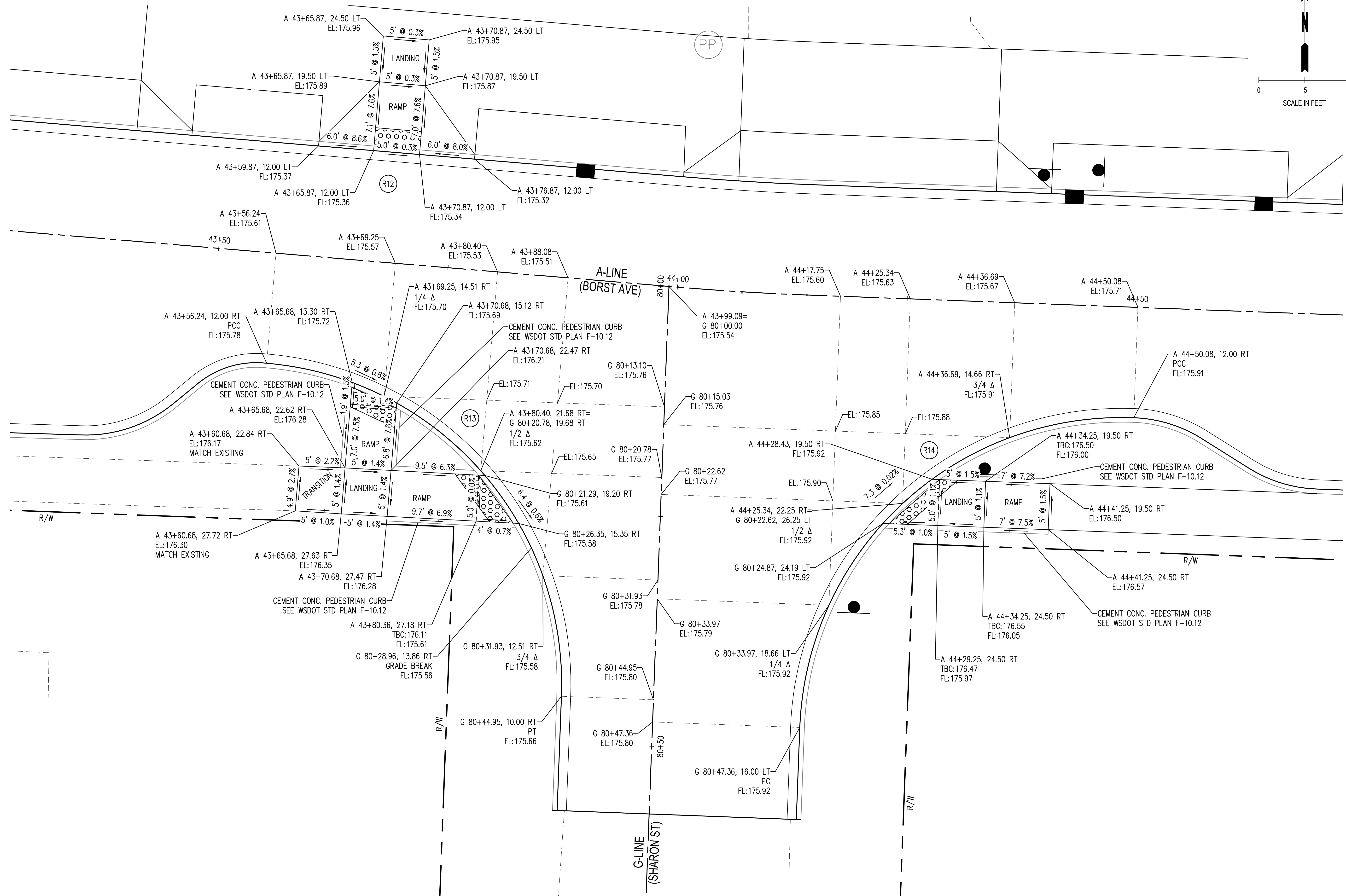
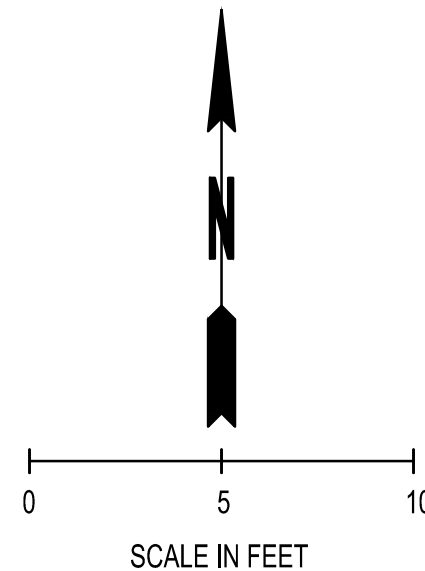
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PROJECT NAME: BORST AVENUE
CENTRALIA, WA
CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO:	0635.04
DRAWING FILE NO:	0635.04 PV-02
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SHEET NO:	57 OF 88

Apr 09, 2019 9:10:30am - User: pdh.bramin
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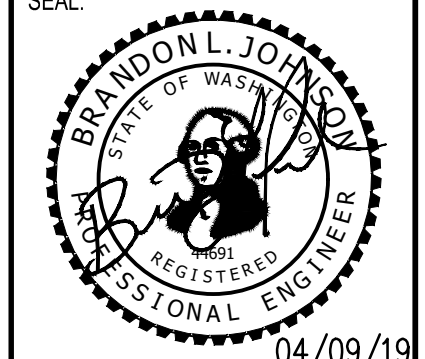
SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



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INTERSECTION DETAILS
 BORST AVENUE
 CENTRALIA, WA

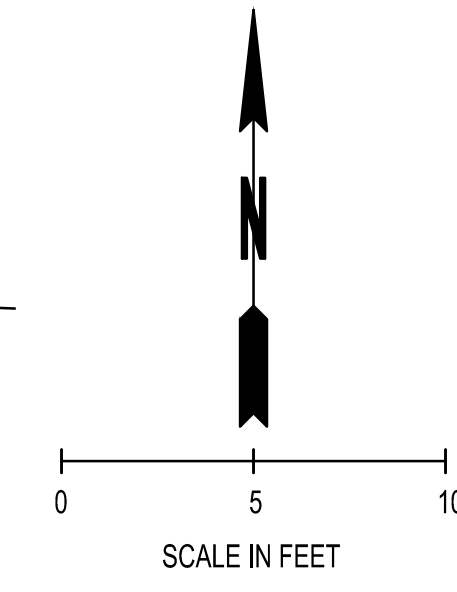
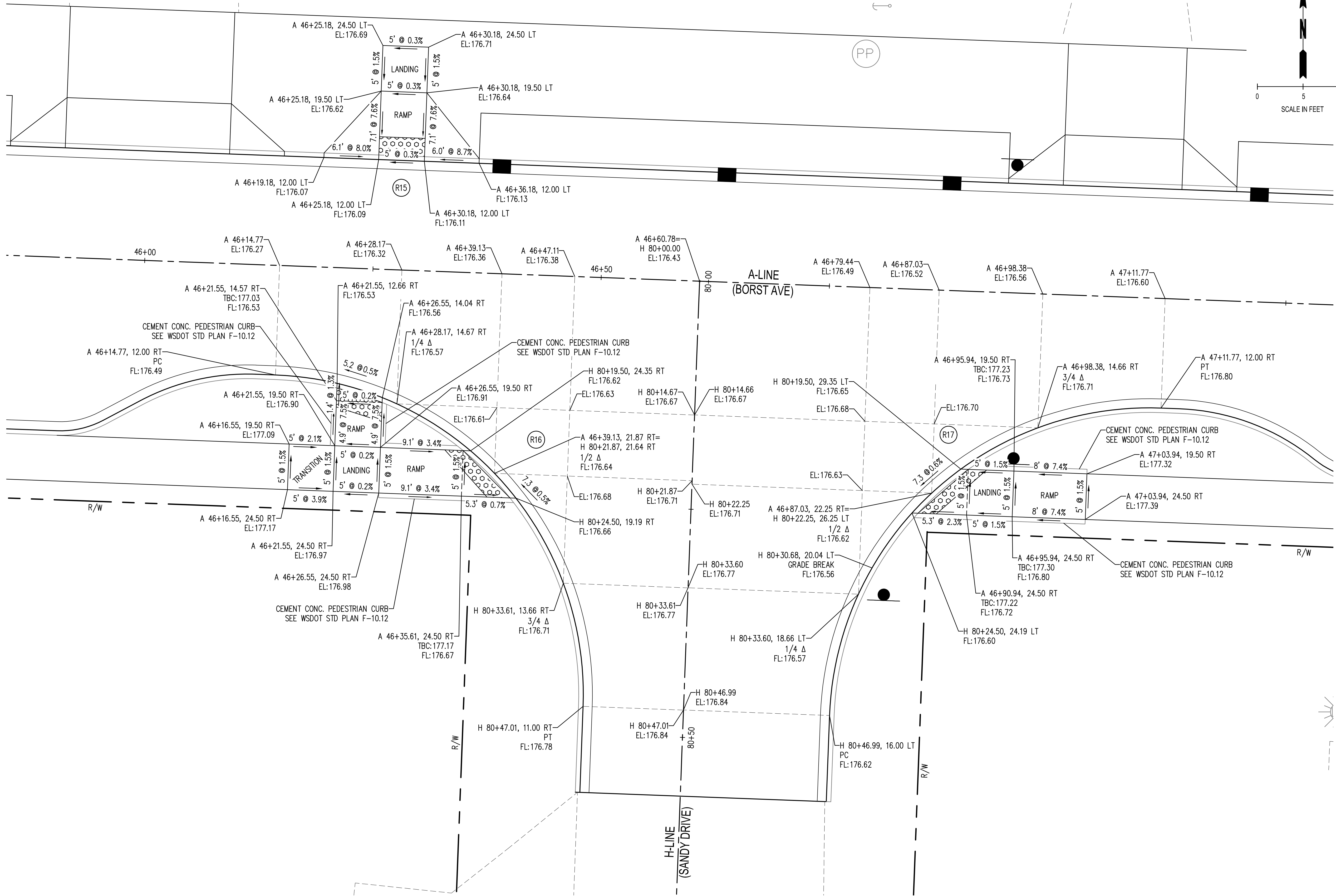
SHEET TITLE:
 PROJECT NAME:
 CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 PV-02
DRAWING NO.:	PV-13
SHEET NO.:	58 OF 88

Apr 09, 2019 9:10:35am - User: pdh.bramin
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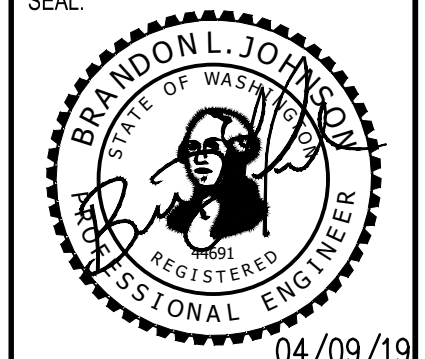
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INTERSECTION DETAILS
BORST AVENUE
CENTRALIA, WA

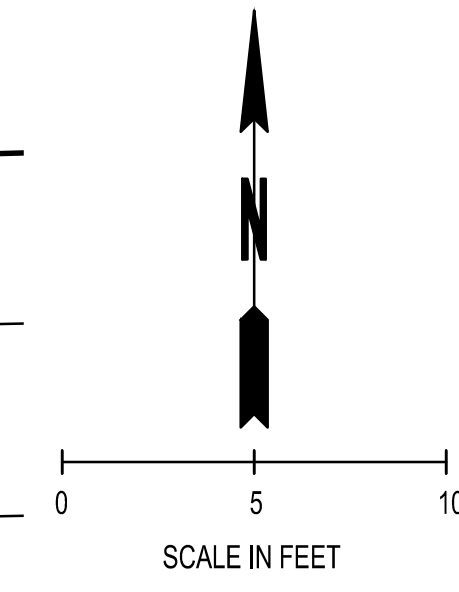
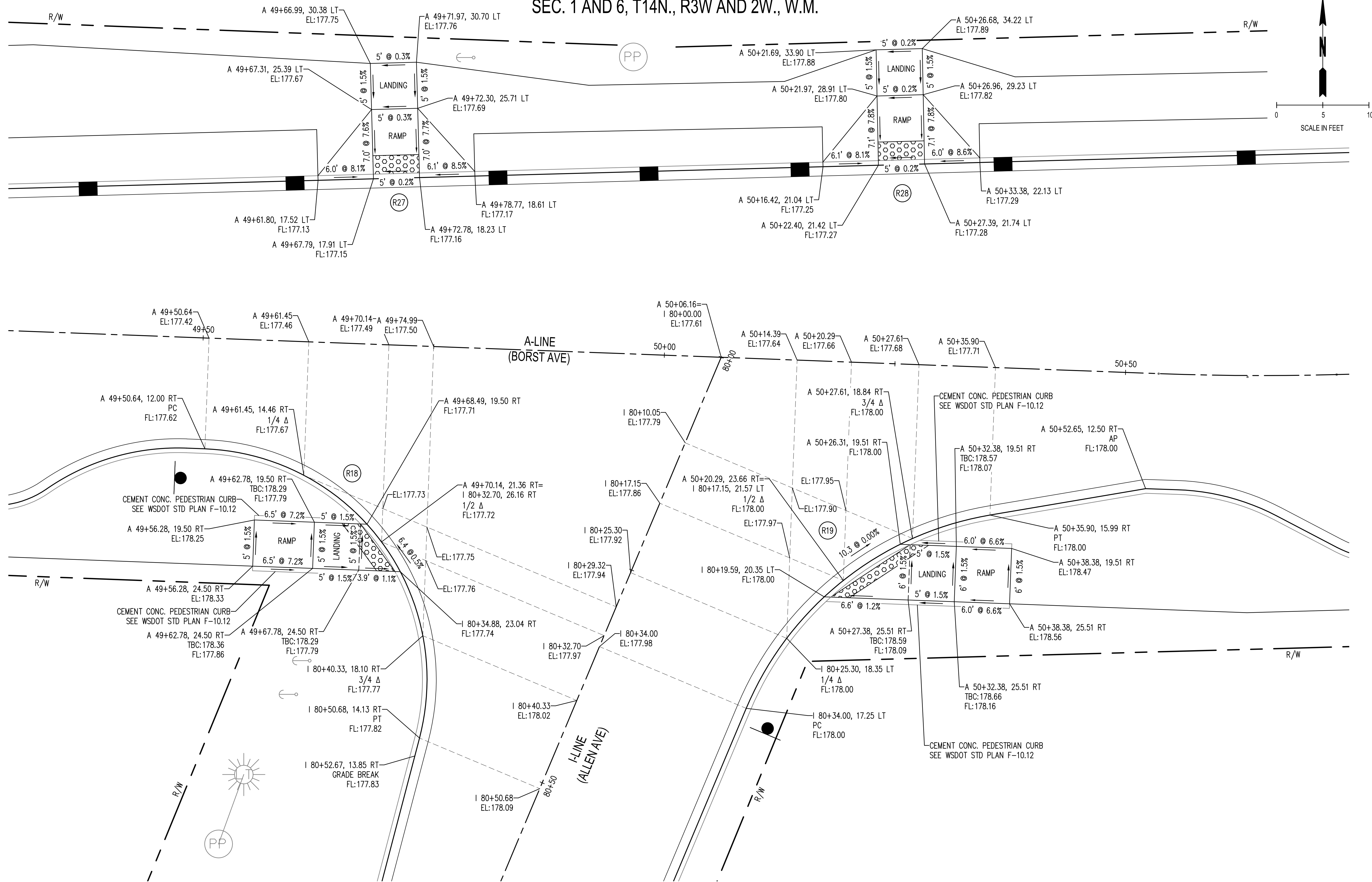
SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 PV-02
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SHEET NO: 59 OF 88

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SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



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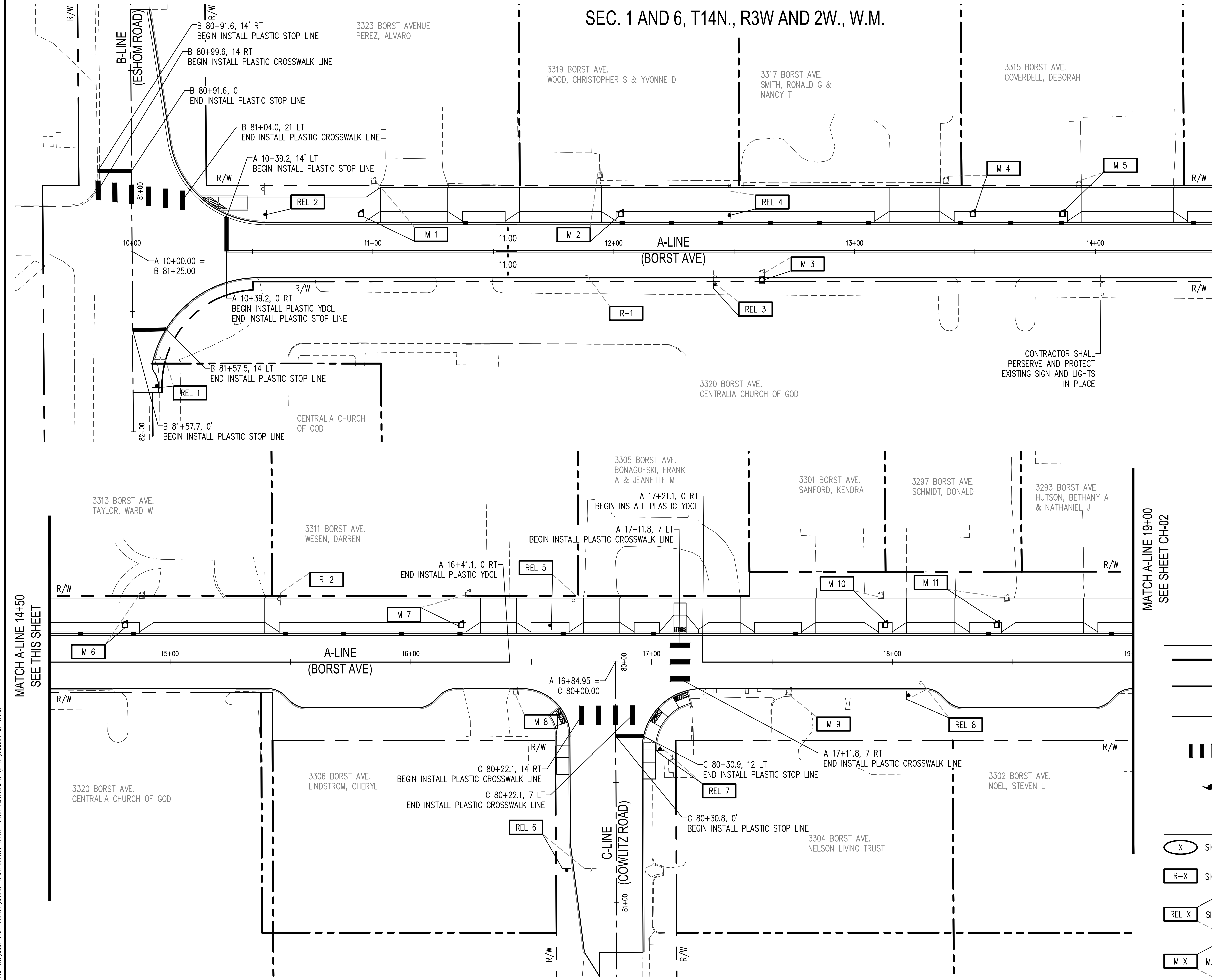
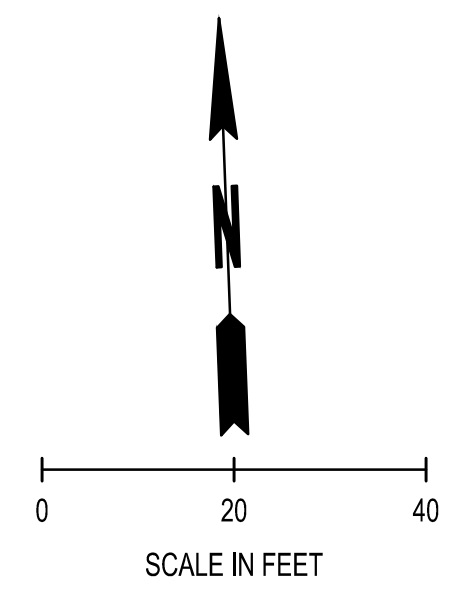
INTERSECTION DETAILS
BORST AVENUE
 CENTRALIA, WA

SEAL:

DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 PV-02
DRAWING NO.:	PV-15
SHEET NO.:	60 OF 88

Apr 09, 2019 9:10:45am - User: jpb@brannin
 C:\PROJECTS\0635 LEWIS COUNTY\0635.04 PV-02.DWG

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



MATCH A-LINE 14+50
SEE THIS SHEET

MATCH A-LINE 19+00
SEE SHEET CH-02

CHANNELIZATION NOTES

- SEE SN SHEETS FOR SIGN SPECIFICATIONS.
- SEE SN SHEETS FOR MAILBOX SPECIFICATIONS.

PAVEMENT MARKING LEGEND

	PLASTIC STOP LINE	WSDOT STD PLANS M-24.60
	WHITE PLASTIC WIDE LANE LINE	WSDOT STD PLANS M-20.10
	PLASTIC YELLOW DOUBLE CENTER LINE (YDCL)	WSDOT STD PLANS M-20.10
	PLASTIC CROSSWALK LINE	WSDOT STD PLANS M-15.10
	PLASTIC TRAFFIC ARROW TYPE 2SL	WSDOT STD PLANS M-24.40

SIGN LEGEND

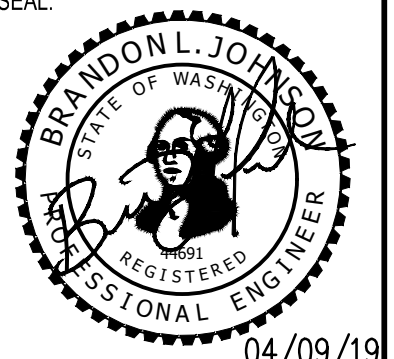
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	PROPOSED LOCATION MAILBOX SUPPORT RELOCATION NOTE		
	EXISTING LOCATION MAILBOX SUPPORT RELOCATION NOTE		

BY	
DATE	
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CHANNELIZATION PLAN
BORST AVENUE
CENTRALIA, WA

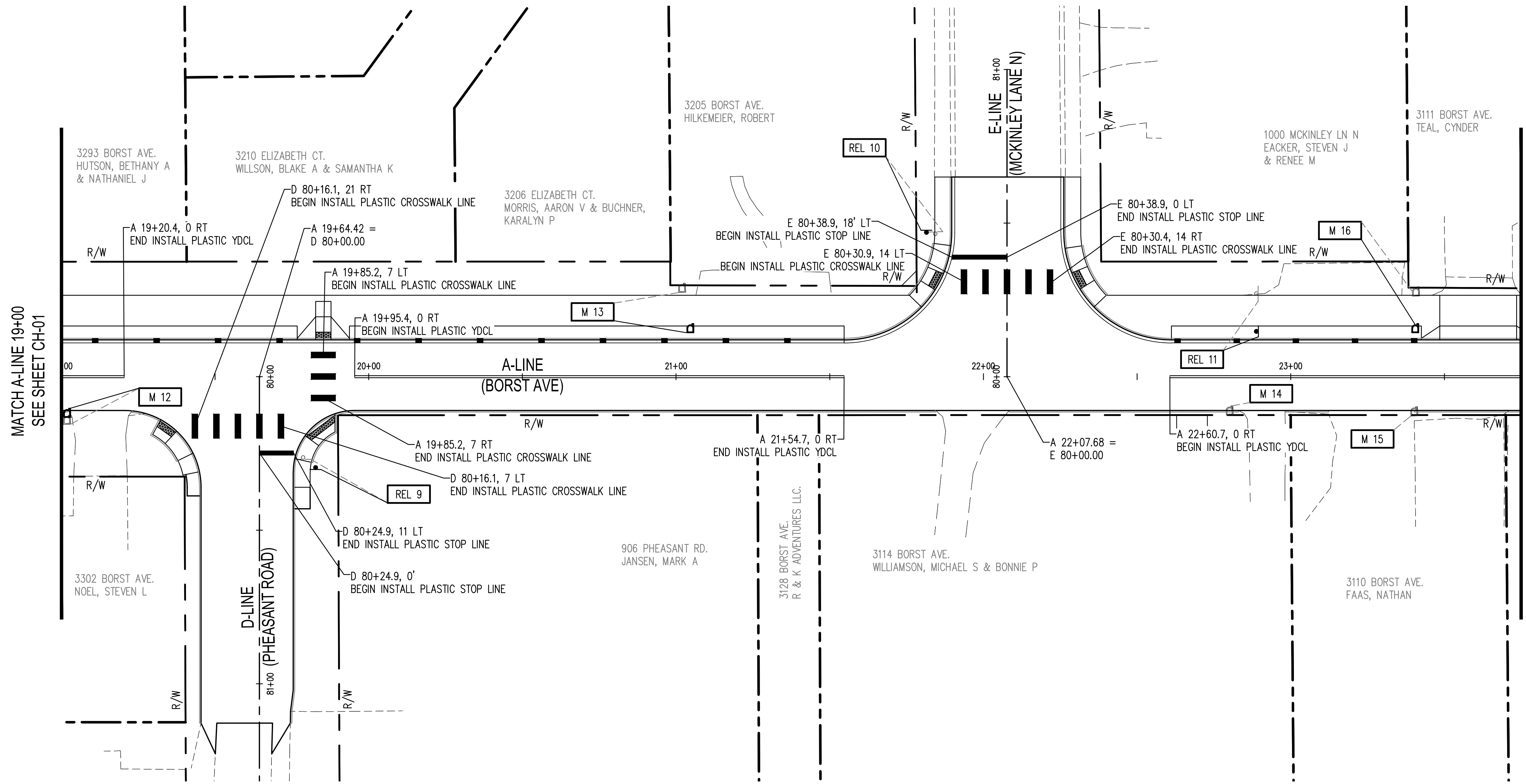
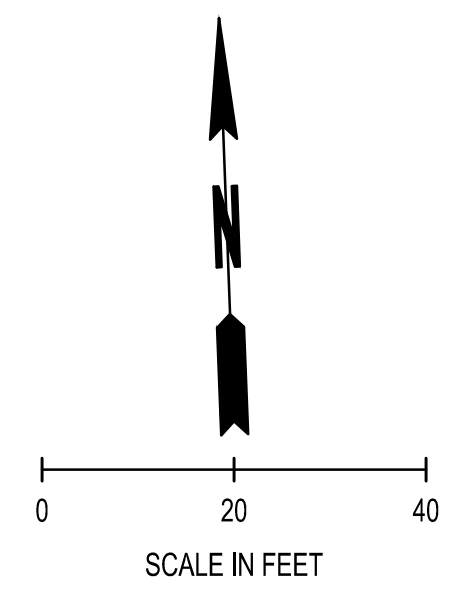
SHEET TITLE: CHANNELIZATION PLAN
PROJECT NAME: BORST AVENUE
CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 CH-01
DRAWING NO.:	CH-01
SHEET NO.:	61 OF 88

Apr 09, 2019 9:11:06am - User: jeh.brannin
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SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



MATCH A-LINE 19+00
SEE SHEET CH-01

MATCH A-LINE 23+75
SEE SHEET CH-03

CHANNELIZATION NOTES

- SEE SN SHEETS FOR SIGN SPECIFICATIONS.
- SEE SN SHEETS FOR MAILBOX SPECIFICATIONS.

PAVEMENT MARKING LEGEND

	PLASTIC STOP LINE	WSDOT STD PLANS M-24.60
	WHITE PLASTIC WIDE LANE LINE	WSDOT STD PLANS M-20.10
	PLASTIC YELLOW DOUBLE CENTER LINE (YDCL)	WSDOT STD PLANS M-20.10
	PLASTIC CROSSWALK LINE	WSDOT STD PLANS M-15.10
	PLASTIC TRAFFIC ARROW TYPE 2SL	WSDOT STD PLANS M-24.40

SIGN LEGEND

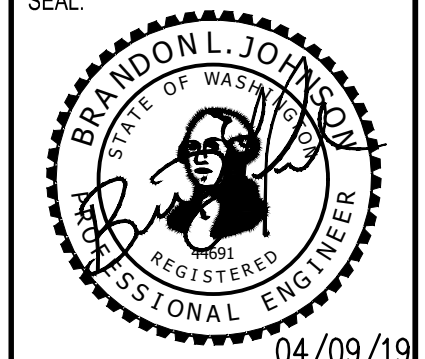
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	EXISTING LOCATION		
	PROPOSED LOCATION		
	MAILBOX SUPPORT RELOCATION NOTE		
	EXISTING LOCATION		

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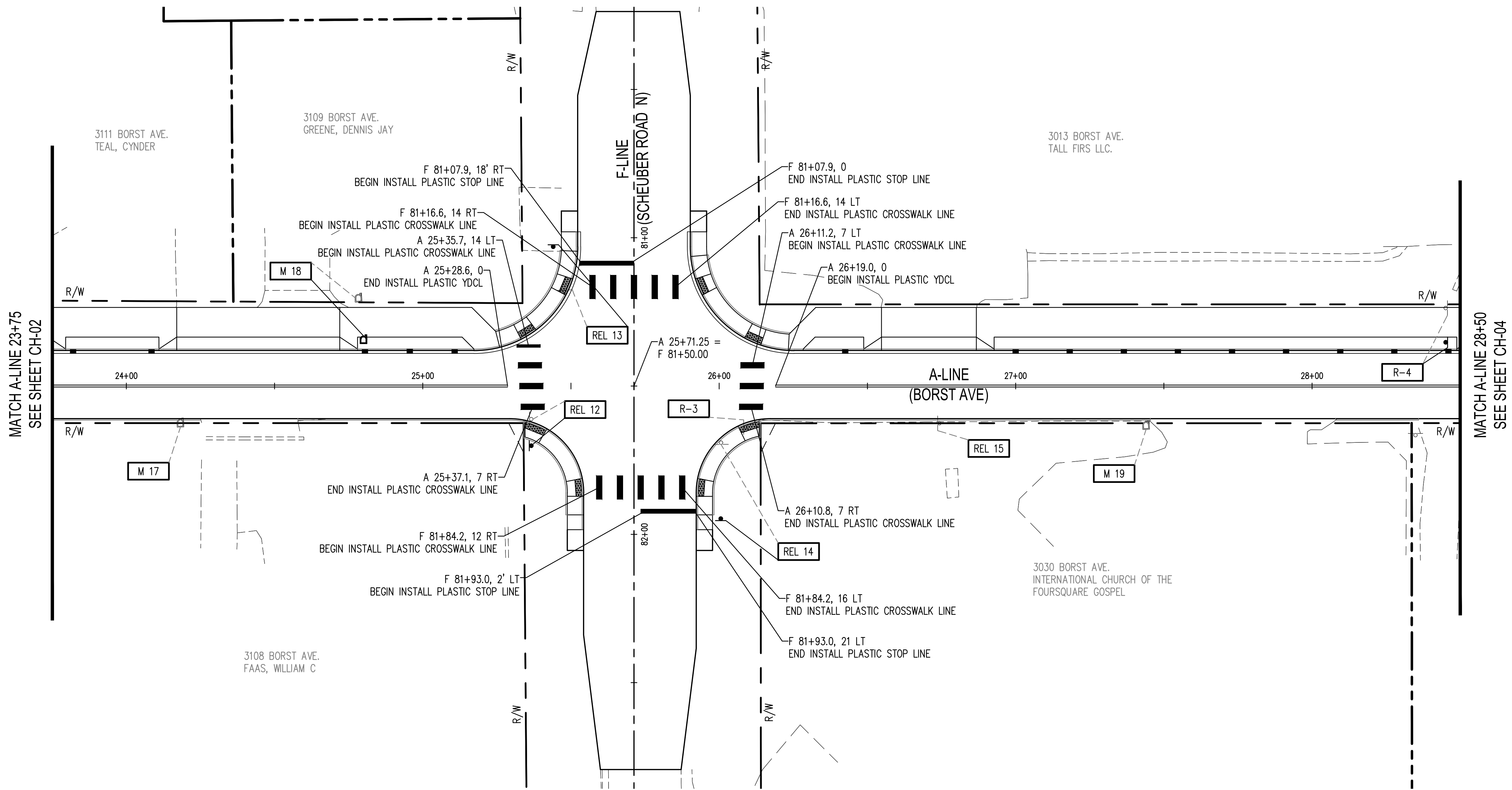
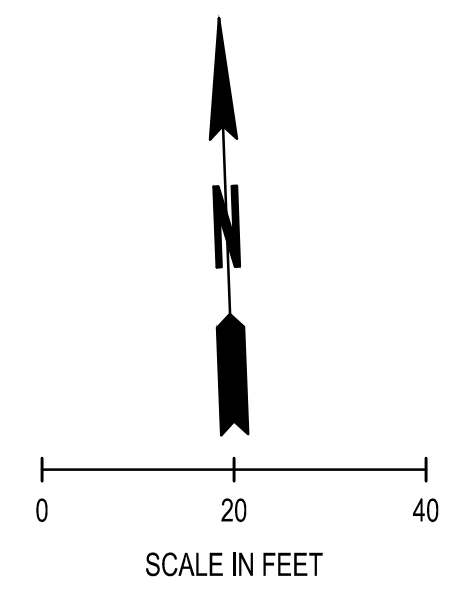
CHANNELIZATION PLAN
BORST AVENUE
CENTRALIA, WA

SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO:	0635.04
DRAWING FILE NO:	0635.04 CH-01
DRAWING NO:	CH-02
SHEET NO:	62 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



CHANNELIZATION NOTES

1. SEE SN SHEETS FOR SIGN SPECIFICATIONS.
2. SEE SN SHEETS FOR MAILBOX SPECIFICATIONS.

PAVEMENT MARKING LEGEND

	PLASTIC STOP LINE	WSDOT STD PLANS M-24.60
	WHITE PLASTIC WIDE LANE LINE	WSDOT STD PLANS M-20.10
	PLASTIC YELLOW DOUBLE CENTER LINE (YDCL)	WSDOT STD PLANS M-20.10
	PLASTIC CROSSWALK LINE	WSDOT STD PLANS M-15.10
	PLASTIC TRAFFIC ARROW TYPE 2SL	WSDOT STD PLANS M-24.40

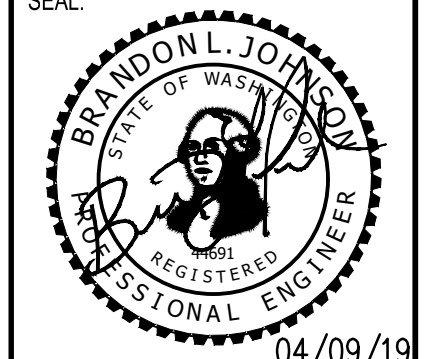
SIGN LEGEND

	SIGN NUMBER		EXISTING SIGN & POST
	SIGN REMOVAL NOTE		NEW / RELOCATED SIGN AND POST
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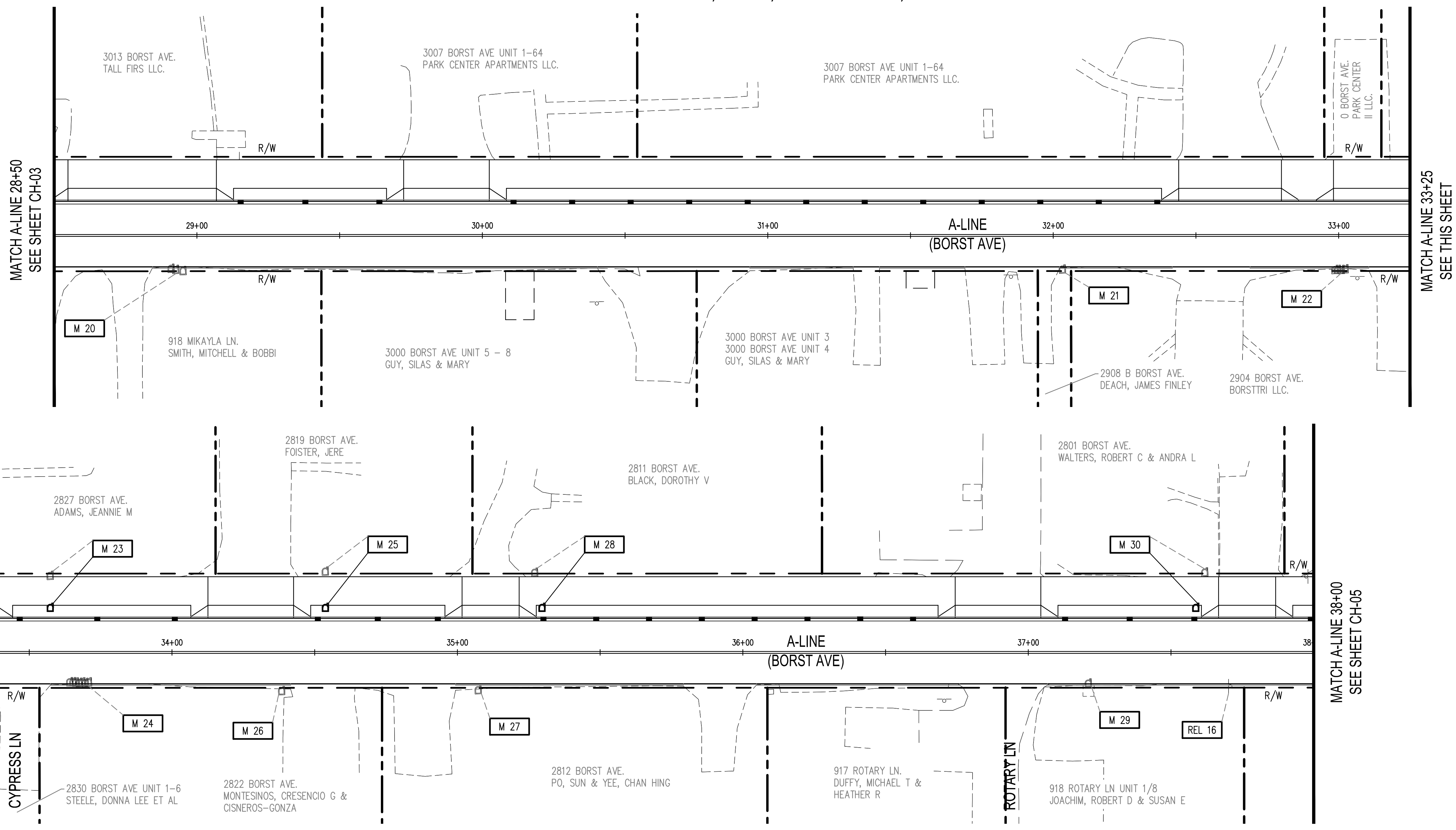
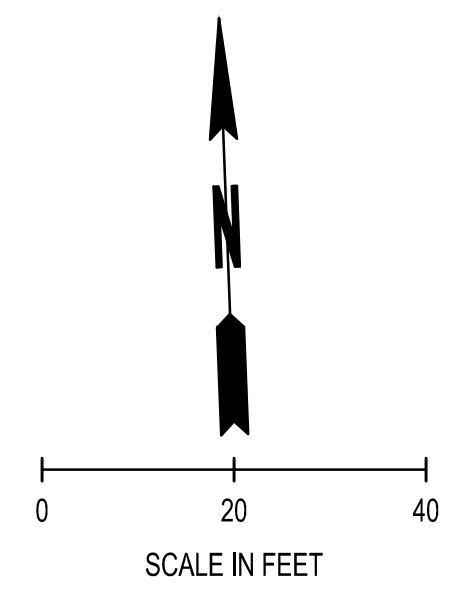
CHANNELIZATION PLAN
BORST AVENUE
CENTRALIA, WA

SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 CH-01
DRAWING NO: CH-03
SHEET NO: 63 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



MATCH A-LINE 33+25
SEE THIS SHEET

MATCH A-LINE 38+00
SEE THIS SHEET

CHANNELIZATION NOTES

- SEE SN SHEETS FOR SIGN SPECIFICATIONS.
- SEE SN SHEETS FOR MAILBOX SPECIFICATIONS.

PAVEMENT MARKING LEGEND

	PLASTIC STOP LINE	WSDOT STD PLANS M-24.60
	WHITE PLASTIC WIDE LANE LINE	WSDOT STD PLANS M-20.10
	PLASTIC YELLOW DOUBLE CENTER LINE (YDCL)	WSDOT STD PLANS M-20.10
	PLASTIC CROSSWALK LINE	WSDOT STD PLANS M-15.10
	PLASTIC TRAFFIC ARROW TYPE 2SL	WSDOT STD PLANS M-24.40

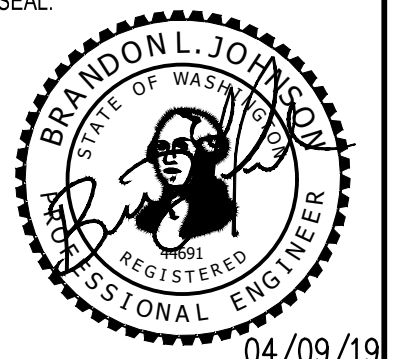
SIGN LEGEND

	SIGN NUMBER		EXISTING SIGN & POST
	SIGN REMOVAL NOTE		NEW / RELOCATED SIGN AND POST
	PROPOSED LOCATION		EXISTING MAILBOX SUPPORT
	SIGN RELOCATION NOTE		NEW / RELOCATED MAILBOX SUPPORT
	EXISTING LOCATION		
	MAILBOX SUPPORT RELOCATION NOTE		
	EXISTING LOCATION		

SCJ ALLIANCE
CONSULTING SERVICES
212 N TOWER AVE, CENTRALIA, WA 98531
P: 360.669.0700 F: 360.352.1509
SCJALLIANCE.COM

CHANNELIZATION PLAN
BORST AVENUE
CENTRALIA, WA

SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
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DATE: MARCH, 2019
JOB NO: 0635.04
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SHEET NO: 64 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.

PAVEMENT MARKING LEGEND

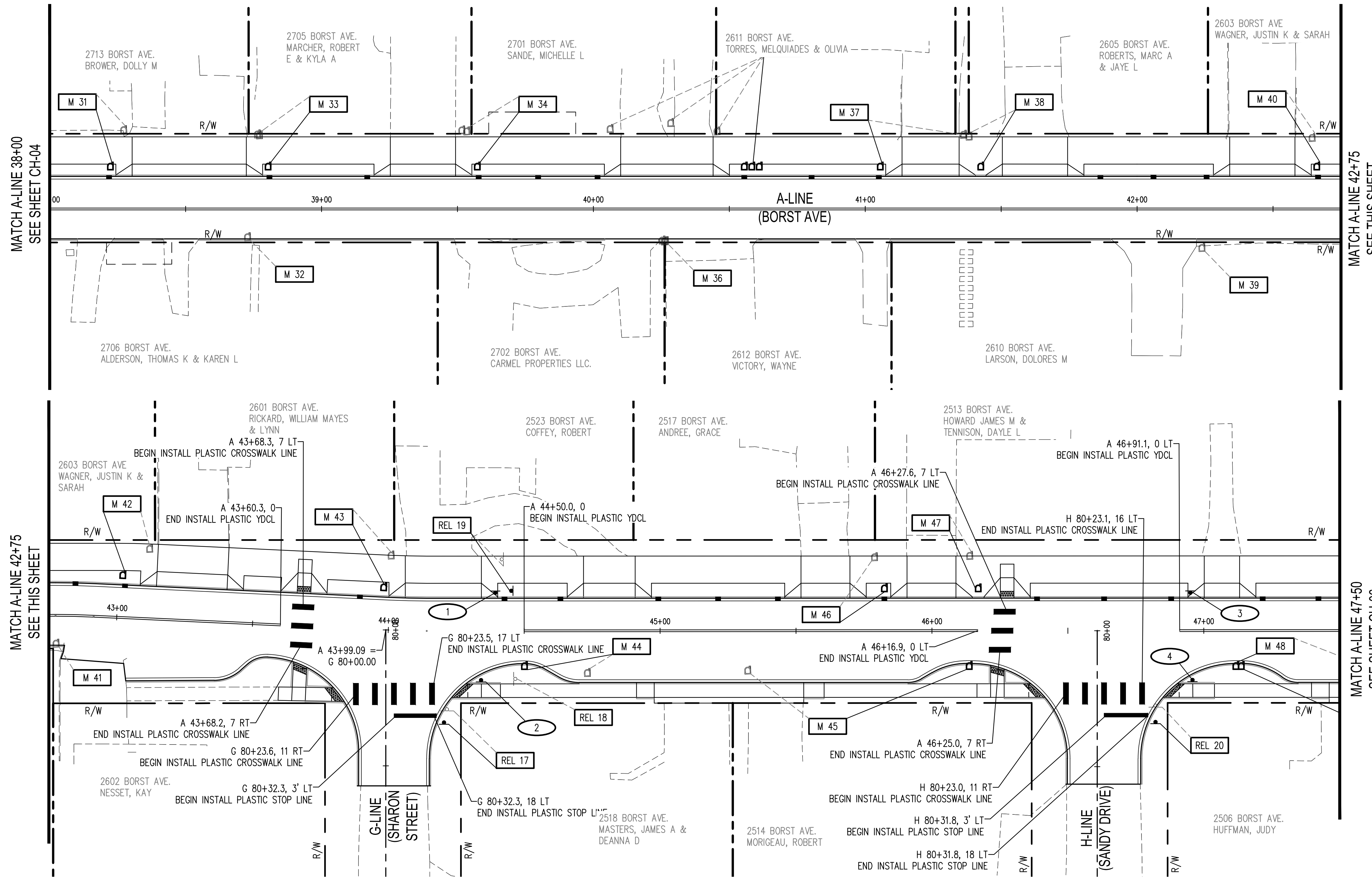
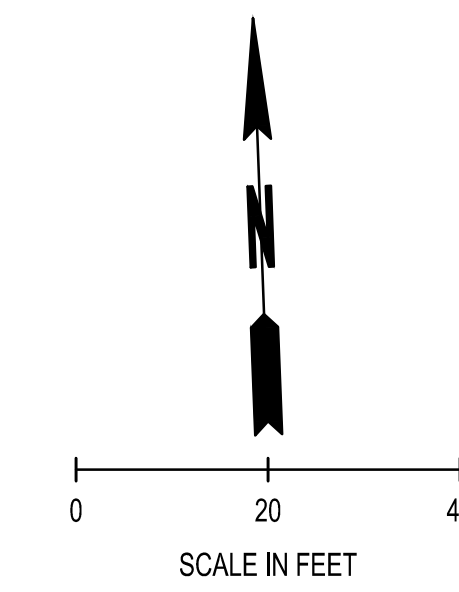
	PLASTIC STOP LINE	WSDOT STD PLANS M-24.60
	WHITE PLASTIC WIDE LANE LINE	WSDOT STD PLANS M-20.10
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	PLASTIC CROSSWALK LINE	WSDOT STD PLANS M-15.10
	PLASTIC TRAFFIC ARROW TYPE 2SL	WSDOT STD PLANS M-24.40

SIGN LEGEND

	SIGN NUMBER		EXISTING SIGN & POST
	SIGN REMOVAL NOTE		NEW / RELOCATED SIGN AND POST
	SIGN RELOCATION NOTE		EXISTING MAILBOX SUPPORT
	PROPOSED LOCATION		NEW / RELOCATED MAILBOX SUPPORT
	EXISTING LOCATION		
	MAILBOX SUPPORT RELOCATION NOTE		
	PROPOSED LOCATION		
	EXISTING LOCATION		

CHANNELIZATION NOTES

- SEE SN SHEETS FOR SIGN SPECIFICATIONS.
- SEE SN SHEETS FOR MAILBOX SPECIFICATIONS.



BY	
DATE	
REVISIONS	

SCJ ALLIANCE
CONSULTING SERVICES

212 N TOWER AVE, CENTRALIA, WA 98531
P: 360.669.0700 F: 360.352.1509
SCJALLIANCE.COM

CHANNELIZATION PLAN

BORST AVENUE
CENTRALIA, WA

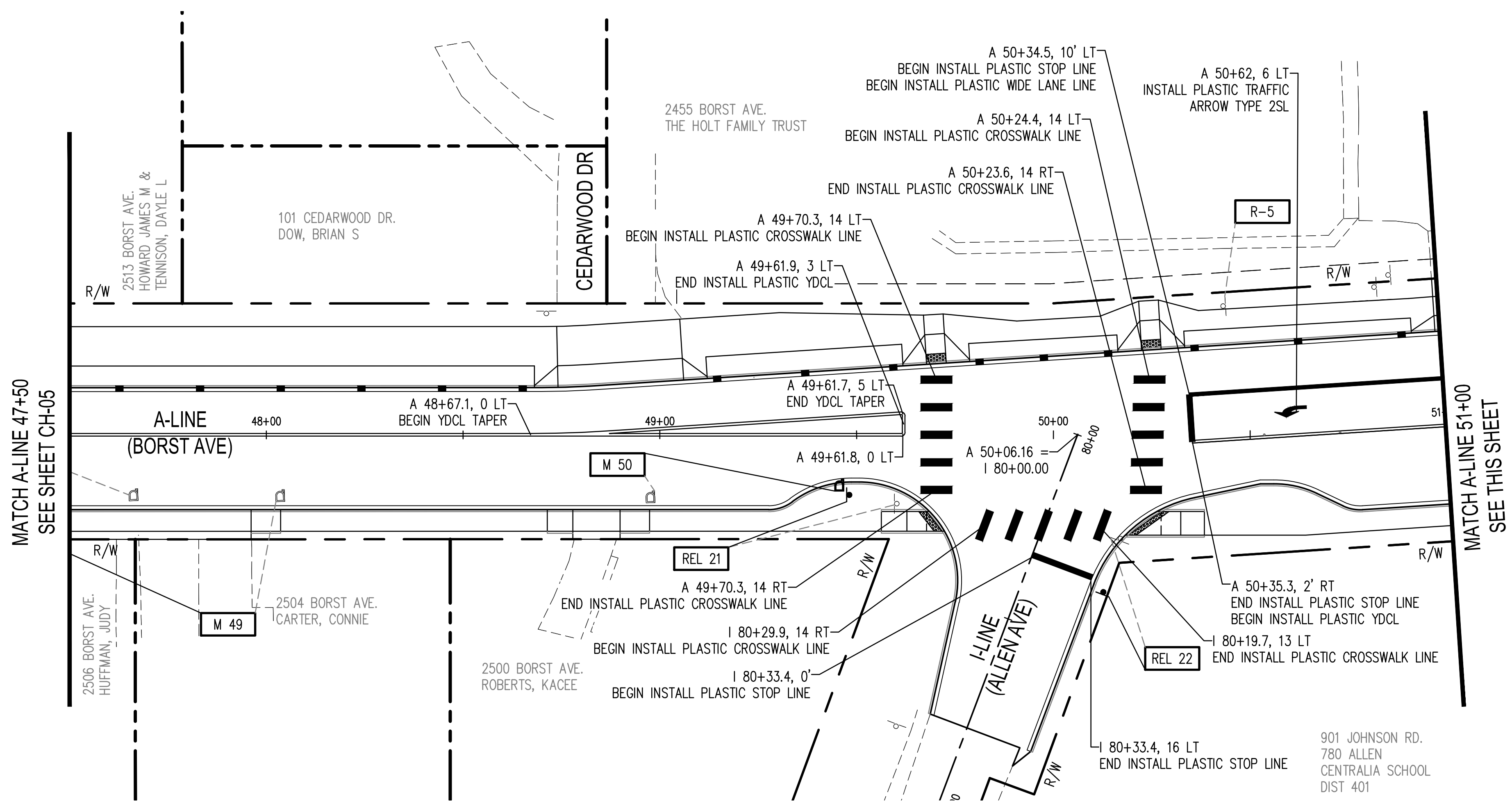
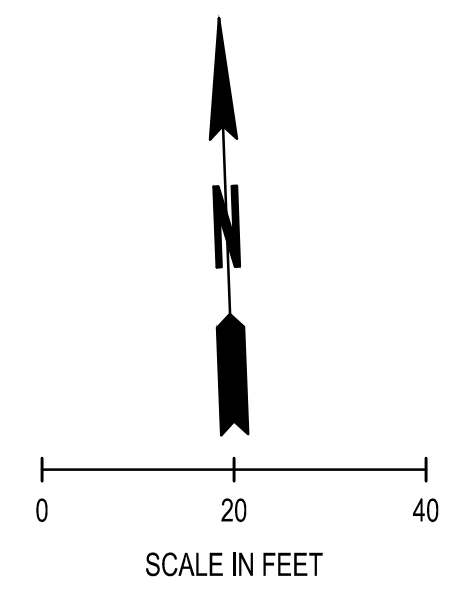
SHEET TITLE: CHANNELIZATION PLAN
PROJECT NAME: BORST AVENUE
CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 CH-01
DRAWING NO.:	CH-05
SHEET NO.:	65 OF 88

Apr 09, 2019 9:11:44am - User: jeb.brannin
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SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



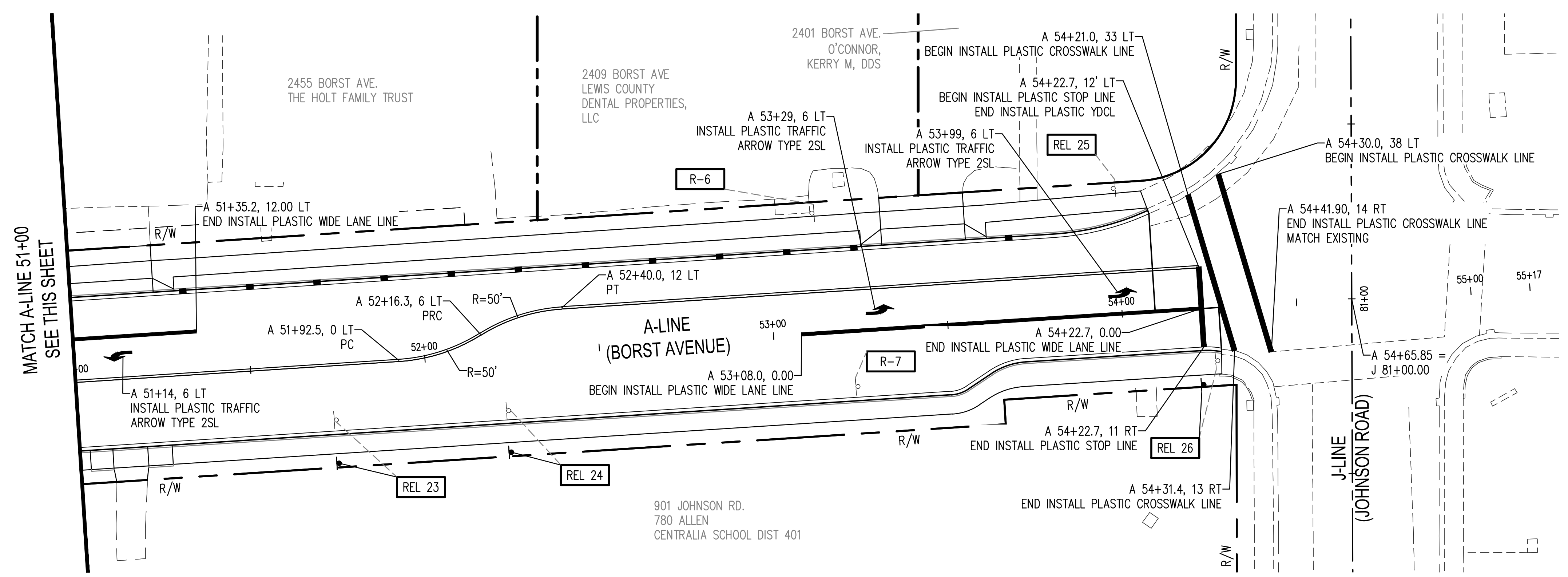
PAVEMENT MARKING LEGEND

	PLASTIC STOP LINE	WSDOT STD PLANS M-24.60
	WHITE PLASTIC WIDE LANE LINE	WSDOT STD PLANS M-20.10
	PLASTIC YELLOW DOUBLE CENTER LINE (YDCL)	WSDOT STD PLANS M-20.10
	PLASTIC CROSSWALK LINE	WSDOT STD PLANS M-15.10
	PLASTIC TRAFFIC ARROW TYPE 2SL	WSDOT STD PLANS M-24.40

SIGN LEGEND

	SIGN NUMBER		EXISTING SIGN & POST
	SIGN REMOVAL NOTE		NEW / RELOCATED SIGN AND POST
	PROPOSED LOCATION SIGN RELOCATION NOTE		EXISTING MAILBOX SUPPORT
	EXISTING LOCATION MAILBOX SUPPORT RELOCATION NOTE		NEW / RELOCATED MAILBOX SUPPORT

- CHANNELIZATION NOTES**
- SEE SN SHEETS FOR SIGN SPECIFICATIONS.
 - SEE SN SHEETS FOR MAILBOX SPECIFICATIONS.



REVISIONS									
BY	DATE								
<p>SCJ ALLIANCE CONSULTING SERVICES 212 N TOWER AVE, CENTRALIA, WA 98531 P: 360.669.0700 F: 360.352.1509 SCJALLIANCE.COM</p>									
CHANNELIZATION PLAN					BORST AVENUE CENTRALIA, WA				
SHEET TITLE: CHANNELIZATION PLAN									
PROJECT NAME: BORST AVENUE									
SHEET NO: 66 OF 88									
DESIGNER: S. ROWSWELL									
DRAWN BY: S. ROWSWELL									
APPROVED BY: J. BRANNIN									
DATE: MARCH, 2019									
JOB NO: 0635.04									
DRAWING FILE NO: 0635.04 CH-01									
DRAWING NO: CH-06									
SHEET NO: 66 OF 88									

Apr 09, 2019 9:11:52am - User: jeb.brannin
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SEC. 1 AND 6, T14N., R3W AND 2W., W.M.

SIGN RELOCATION SPECIFICATIONS

SIGN NO.	SIGN CODE NUMBER	SIGN DESCRIPTION	EXISTING LOCATION	PROPOSED LOCATION	SIGN SIZE		POST MATERIAL	POST SIZE (INCH X INCH)	POST LENGTH		CLEARANCE		REMARKS
					X (INCH)	Y (INCH)			H 1	H 2	V	W	
REL 1	R1-1	STOP	B 81+69, 11 L	B 81+81, 10 L	18	18	STEEL	2X2	12'-0"		7'-0"	2'-0"	
	R1-4	ALL WAY			18	6							
REL 2	R1-1	STOP	A 10+54, 26 L	A 10+55, 15 L	18	18	STEEL	2X2	12'-0"		7'-0"	2'-0"	
	R1-4	ALL WAY			18	6							
REL 3	R2-1	SPEED LIMIT 30	A 12+42, 11 R	A 12+42, 14 R	18	24	STEEL	2X2	12'-0"		7'-0"	2'-0"	
REL 4	R2-1	SPEED LIMIT 20	A 12+48, 27 L	A 12+48, 15 L	24	30	STEEL	2X2	12'-0"		7'-0"	2'-0"	MOUNT ABOVE SPEED LIMIT
	S4-3	SCHOOL			24	8							MOUNT BELOW SPEED LIMIT
	S4-1	7:30 AM TO 4:30 PM			24	12							
	R8-1	NO PARKING ON PAVEMENT			24	30							REMOVE
REL 5	S1-1	SCHOOL ADVANCE SIGN	A 16+68, 26 L	A 16+58, 15 L	30	30	STEEL	2X2	12'-0"		7'-0"	2'-0"	MOUNT BELOW SCHOOL ADVANCE SIGN
	SPECIAL	ZERO TOLERANCE			30	?							
REL 6	R2-1	SPEED LIMIT 25	C 80+86, 11 R	C 80+86, 21 R	24	30	STEEL	2X2	12'-0"		7'-0"	2'-0"	MOUNT BELOW SPEED LIMIT 25
	SPECIAL	LEWIS COUNTY BLOCK WATCH			24	?							
REL 7	R1-1	STOP	C 80+33, 14 L	C 80+36, 18 L	18	18	STEEL	2X2	12'-0"		7'-0"	2'-0"	MOUNT ABOVE STOP
	D3-102	BORST AVE			VAR	6							MOUNT ABOVE BORST AVE
	D3-102	COWLITZ RD			VAR	6							
REL 8	R2-1	SPEED LIMIT 30	A 18+12, 9 R	A 18+07, 14 R	18	24	STEEL	2X2	12'-0"		7'-0"	2'-0"	
REL 9	R1-1	STOP	D 80+26, 14 L	D 80+30, 18 L	18	18	STEEL	2X2	12'-0"		7'-0"	2'-0"	MOUNT ABOVE STOP
	D3-102	BORST AVE			VAR	6							MOUNT ABOVE BORST AVE
	D3-102	PHEASANT RD			VAR	6							
REL 10	R1-1	STOP	E 80+47, 23 L	E 80+47, 26 L	18	18	STEEL	2X2	12'-0"		7'-0"	2'-0"	MOUNT ABOVE STOP
	D3-102	MCKINLEY LN			VAR	6							
REL 11	R2-1	SPEED LIMIT 30	A 22+89, 27 L	A 22+89, 15 L	18	24	STEEL	2X2	12'-0"		7'-0"	2'-0"	
REL 12	SPECIAL	CITY LIMITS	A 25+37, 11 R	A 25+37, 20 R			STEEL	2X2	12'-0"		7'-0"	2'-0"	
REL 13	R1-1	STOP	F 81+18, 23 R	F 81+03, 27 R	18	18	STEEL	2X2	12'-0"		7'-0"	2'-0"	MOUNT ABOVE STOP
	D3-102	SCHEUBER RD			VAR	6							MOUNT ABOVE SCHEUBER RD
	D3-102	BORST AVE			VAR	6							
REL 14	R1-1	STOP	F 81+69, 29 L	F 81+95, 29 L	18	18	STEEL	2X2	12'-0"		7'-0"	2'-0"	
REL 15	R2-1	SPEED LIMIT 30	A 26+74, 13 R		18	24	STEEL	2X2	12'-0"		7'-0"	2'-0"	CONTRACTOR SHALL PROTECT SIGN IN PLACE
REL 16	R2-1	SPEED LIMIT 30	A 37+71, 12 R		18	24	STEEL	2X2	12'-0"		7'-0"	2'-0"	CONTRACTOR SHALL PROTECT SIGN IN PLACE
REL 17	R1-1	STOP	G 80+29, 22 L	G 80+34, 21 L	18	18	STEEL	2X2	12'-0"		7'-0"	2'-0"	MOUNT ABOVE STOP
	D3-102	SHARON ST			VAR	6							MOUNT ABOVE SHARON ST
	D3-102	BORST AVE			VAR	6							
REL 18	S5-1 MOD.	SCHOOL SPEED LIMIT 20 7:30 AM TO 4:30 PM	A 44+47, 18 R		24	48	STEEL	2X2	12'-0"		7'-0"	2'-0"	FLASHING BEACON, CONTRACTOR SHALL PROTECT IN PLACE
REL 19	S5-2	END SCHOOL ZONE	A 44+42, 26 L	A 44+45, 15 L	18	24	STEEL	2X2	12'-0"		7'-0"	2'-0"	
REL 20	R1-1	STOP	H 80+28, 21 L	H 80+34, 21 L	18	18	STEEL	2X2	12'-0"		7'-0"	2'-0"	MOUNT ABOVE STOP
	D3-102	SANDY DR			VAR	6							MOUNT ABOVE SANDY DR
	D3-102	BORST AVE			VAR	6							
REL 21	S1-1	SCHOOL ADVANCE SIGN	A 49+60, 18 R	A 49+48, 15 R	30	30	STEEL	2X2	12'-0"		7'-0"	2'-0"	
REL 22	R1-1	STOP	I 80+21, 20 L	I 80+35, 20 L	18	18	STEEL	2X2	12'-0"		7'-0"	2'-0"	MOUNT ABOVE STOP
	D3-102	ALLEN AVE			VAR	6							MOUNT ABOVE ALLEN AVE
	D3-102	BORST AVE			VAR	6							
REL 23	W3-1 MOD.	STOP AHEAD	A 51+74, 16 R	A 51+74, 28 R	18	18	STEEL	2X2	12'-0"		7'-0"	2'-0"	SQUARE SHAPED
REL 24	R7-601	NO PARKING LOADING ZONE	A 51+23, 16 R	A 52+23, 28 R	12	18	STEEL	2X2	12'-0"		7'-0"	2'-0"	HARD TO READ FROM STREET VIEW
REL 25	S5-1 MOD.	SCHOOL SPEED LIMIT 20 7:30 AM TO 4:30 PM	A 54+00, 36 L		24	48	STEEL	2X2	12'-0"		7'-0"	2'-0"	FLASHING BEACON, CONTRACTOR SHALL PROTECT IN PLACE
REL 26	R1-1	STOP	A 54+26, 15 R	A 54+22, 22 R	18	18	STEEL	2X2	12'-0"		7'-0"	2'-0"	MOUNT BELOW STOP
	R1-3	4-WAY			12	6							

SIGN REMOVAL SPECIFICATIONS

SIGN NO.	SIGN CODE NUMBER	SIGN DESCRIPTION	EXISTING LOCATION	REMARKS
R-1	R8-1	NO PARKING ON PAVEMENT	A 11+89, 11 L	
R-2	R8-1	NO PARKING ON PAVEMENT	A 15+45, 26 L	
R-3	SPECIAL	IMMANUEL LUTHERAN (ECCA)	A 26+09, 14 R	REMOVE, SALVAGE AND RETURN TO OWNER, SEE NOTE 8 THIS SHEET
R-4	R7-2	NO PARKING HERE TO CORNER	A 28+45, 26 L	
R-5	R7-101	NO PARKING ANYTIME	A 50+43, 33 L	
R-6	R7-102	NO PARKING ANYTIME	A 53+13, 34 L	
R-7	R8-3	NO PARKING	A 53+23, 16 R	

CONSTRUCTION NOTES:

- ALL SIGNS ARE GROUND MOUNTED. SEE WSDOT STANDARD PLAN G-20.10 FOR PLACEMENT.
- FOR CODE REFERENCES AND STANDARD DETAILS SEE WASHINGTON STATE SIGN FABRICATION MANUAL.
- ALL SIGN POSTS OVER 36" IN WIDTH SHALL HAVE BRACING (SEE WSDOT STANDARD PLAN G-50-10).
- SIGN POSTS ARE STEEL SIGN SUPPORT, (SEE WSDOT STANDARD PLAN G-24.20).
- RELOCATED SIGNS SHALL INCLUDE REMOVAL OF POST AND FOUNDATION, UNLESS OTHERWISE NOTED.
- REMOVED SIGNS SHALL INCLUDE REMOVAL OF SIGN, POST, AND FOUNDATION, UNLESS OTHERWISE NOTED.
- SALVAGED SIGNS SHALL ONLY BE THE SIGN. CONTRACTOR SHALL DISPOSE OF POST AND FOUNDATION.
- CONTRACTOR SHALL SALVAGE AND COORDINATE RETURN OF SIGN NUMBER R-3 TO:
IMMANUEL LUTHERAN CHURCH
1209 SCHEUBER RD N
CENTRALIA, WA 98531
PHONE: (360) 736-9270

SIGN INSTALLATION SPECIFICATIONS

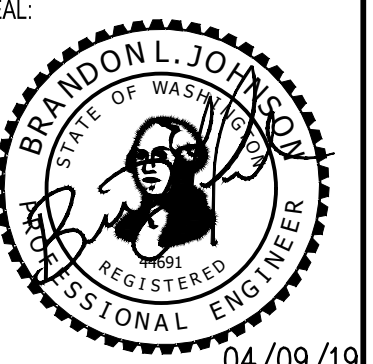
SIGN NO.	SIGN CODE NUMBER	SIGN DESCRIPTION	PROPOSED LOCATION	SIGN SIZE		POST MATERIAL	POST SIZE (INCH X INCH)	CLEARANCE		REMARKS
				X (INCH)	Y (INCH)			V	W	
1	R9-3	NO PEDESTRIAN CROSSING	A 44+39, 14 L	12	18	STEEL	2X2	3'-6"	1'-0"	ORIENTATION TOWARD SIDEWALK
2	R9-3	NO PEDESTRIAN CROSSING	A 44+34, 18 R	12	18	STEEL	2X2	3'-6"	1'-0"	ORIENTATION TOWARD SIDEWALK
3	R9-3	NO PEDESTRIAN CROSSING	A 46+95, 14 L	12	18	STEEL	2X2	3'-6"	1'-0"	ORIENTATION TOWARD SIDEWALK
4	R9-3	NO PEDESTRIAN CROSSING	A 46+96, 18 R	12	18	STEEL	2X2	3'-6"	1'-0"	ORIENTATION TOWARD SIDEWALK

REVISIONS	DATE	BY



SIGN SPECIFICATIONS
BORST AVENUE
CENTRALIA, WA

SHEET TITLE: SIGN SPECIFICATIONS
PROJECT NAME: BORST AVENUE
CENTRALIA, WA
CRP 2139



DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
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DATE: MARCH, 2019
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SHEET NO: 67 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.

MAILBOX SUPPORT RELOCATION SPECIFICATIONS

MAILBOX NO.	EXISTING LOCATION	PROPOSED LOCATION	POST MATERIAL	POST TYPE	MAILBOX SIZE	REMARKS
M 1	A 11+00, 29 L	A 10+95, 14 L	WOOD	TYPE 1	2	
M 2	A 11+94, 30 L	A 12+03, 14 L	WOOD	TYPE 1	2	1 - NEWSPAPER BOX
M 3	A 12+61, 11 R	A 12+61, 13 R	STEEL	TYPE 1	2	MAILBOX AND MAILBOX SUPPORT CUSTOM. CONTRACTOR SHALL REMOVE AND RELOCATE MAILBOX AS APPROVED BY THE ENGINEER. CONTRACTOR SHALL PROTECT MAILBOX AND MAILBOX SUPPORT.
M 4	A 13+38, 28 L	A 13+49, 14 L	WOOD	TYPE 1	2	MAILBOX SUPPORT CUSTOM. CONTRACTOR SHALL REMOVE AND RELOCATE MAILBOX AS APPROVED BY THE ENGINEER. CONTRACTOR SHALL PROTECT MAILBOX AND MAILBOX SUPPORT.
M 5	A 13+93, 26 L	A 13+86, 14 L	STEEL	TYPE 1	2	2 - NEWSPAPER BOX
M 6	A 14+88, 26 L	A 14+81, 14 L	STEEL	TYPE 1	2	1 - NEWSPAPER BOX
M 7	A 16+24, 27 L	A 16+21, 14 L	STEEL	TYPE 1	2	
M 8	A 16+44, 14 R		STEEL	TYPE 1	2	1 - NEWSPAPER BOX. CONTRACTOR SHALL PROTECT MAILBOX AND MAILBOX SUPPORT IN PLACE.
M 9	A 17+57, 14 R		STEEL	TYPE 1	2	1 - NEWSPAPER BOX. CONTRACTOR SHALL PROTECT MAILBOX AND MAILBOX SUPPORT IN PLACE.
M 10	A 17+95, 26 L	A 17+97, 14 L	WOOD	TYPE 2	2	2 - MAILBOX, 1 - NEWSPAPER BOX
M 11	A 18+47, 25 L	A 18+43, 14 L	STEEL	TYPE 1	2	1 - NEWSPAPER BOX
M 12	A 19+02, 16 R	A 19+02, 13 R	STEEL	TYPE 1	2	
M 13	A 21+02, 27 L	A 21+05, 14 L	WOOD	TYPE 1	2	
M 14	A 22+80, 13 R		WOOD	TYPE 1	2	
M 15	A 23+40, 13 R		WOOD	TYPE 1	2	1 - NEWSPAPER BOX. CONTRACTOR SHALL PROTECT MAILBOX AND MAILBOX SUPPORT IN PLACE.
M 16	A 23+41, 26 L	A 23+41, 14 L	STEEL	TYPE 1	2	
M 17	A 24+18, 14 R		WOOD	TYPE 1	2	2 - NEWSPAPER BOX. CONTRACTOR SHALL PROTECT MAILBOX AND MAILBOX SUPPORT IN PLACE.
M 18	A 24+78, 28 L	A 24+80, 14 L	STEEL	TYPE 1	2	1 - NEWSPAPER BOX. MAILBOX SUPPORT POST IS CUSTOM. CONTRACTOR SHALL REMOVE AND RELOCATE MAILBOX AND MAILBOX SUPPORT AS APPROVED BY THE ENGINEER. CONTRACTOR SHALL PROTECT MAILBOX AND MAILBOX SUPPORT.
M 19	A 27+44, 15 R		WOOD	TYPE 1	2	CONTRACTOR SHALL PROTECT MAILBOX AND MAILBOX SUPPORT IN PLACE.
M 20	A 28+93, 13 R		STEEL	TYPE 1	2	CONTRACTOR SHALL PROTECT MAILBOX AND MAILBOX SUPPORT IN PLACE.
			WOOD	TYPE 1	2	
			WOOD	TYPE 1	2	
M 21	A 32+03, 13 R		STEEL	TYPE 1	2	MAILBOX SUPPORT POST IS CUSTOM. CONTRACTOR SHALL PROTECT MAILBOX AND MAILBOX SUPPORT IN PLACE.
M 22	A 33+00, 13 R		BRICK	TYPE 2	2	4 - MAILBOX 1 - NEWSPAPER BOX CUSTOM MAILBOX SUPPORT POSTS. CONTRACTOR SHALL PROTECT MAILBOX AND MAILBOX SUPPORT IN PLACE.
M 23	A 33+57, 25 L	A 33+57, 14 L	WOOD	TYPE 1	2	6 - MAILBOX. CONTRACTOR SHALL PROTECT MAILBOX AND MAILBOX SUPPORT IN PLACE.
			WOOD	TYPE 1	2	
M 24	A 33+68, 12 R		WOOD	TYPE 2	2	CONTRACTOR SHALL PROTECT MAILBOX AND MAILBOX SUPPORT IN PLACE.
M 25	A 34+54, 27 L	A 34+54, 14 L	WOOD	TYPE 1	2	2 - NEWSPAPER BOX
M 26	A 34+38, 15 R		WOOD	TYPE 1	2	MOUNTED ON FENCE. CONTRACTOR SHALL PROTECT MAILBOX AND MAILBOX SUPPORT IN PLACE.
M 27	A 35+07, 15 R		WOOD	TYPE 1	2	CONTRACTOR SHALL PROTECT MAILBOX AND MAILBOX SUPPORT IN PLACE.
M 28	A 35+27, 27 R	A 35+30, 14 L	WOOD	TYPE 1	2	
M 29	A 34+24, 12 R		STEEL	CUSTOM	CLUSTER	USPS CLUSTER MAILBOX. CONTRACTOR SHALL PROTECT MAILBOX AND MAILBOX SUPPORT IN PLACE.
M 30	A 37+62, 27 L	A 37+59, 14 L	WOOD	TYPE 1	2	
M 31	A 38+27, 28 L	A 38+22, 14 L	STEEL	TYPE 1	2	MAILBOX SUPPORT CUSTOM. CONTRACTOR SHALL REMOVE AND RELOCATE MAILBOX AS APPROVED BY THE ENGINEER. CONTRACTOR SHALL PROTECT MAILBOX AND MAILBOX SUPPORT.
M 32	A 38+73, 12 R		WOOD	TYPE 1	2	3 - NEWSPAPER BOX
M 33	A 38+77, 26 L	A 38+80, 14 L	WOOD	TYPE 1	2	2 - MAILBOX
M 34	A 39+52, 27 L	A 39+57, 14 L	WOOD	TYPE 1	2	
M 35	A 40+06, 28 L A 40+28, 30 L A 40+46, 27 L	A 40+53, 14 L	STEEL	TYPE 2	2	3 - MAILBOX COMBINE 3 MAILBOXES ONTO MAILBOX SUPPORT TYPE 2
			WOOD	TYPE 1	2	
			WOOD	TYPE 1	2	
M 36	A 40+26, 13 R		WOOD	TYPE 1	2	4 - MAILBOX 3 - NEWSPAPER BOX CONTRACTOR SHALL PROTECT MAILBOX AND MAILBOX SUPPORT IN PLACE.
M 37	A 41+36, 26 L	A 41+06, 14 L	STEEL	TYPE 1	2	2 - NEWSPAPER BOX
M 38	A 41+38, 25 L	A 41+42, 14 L	WOOD	TYPE 1	2	1 - NEWSPAPER BOX
M 39	A 42+24, 16 R		WOOD	TYPE 1	2	MOUNTED TO FENCE 1 - NEWSPAPER BOX
M 40	A 42+64, 25 L	A 42+66, 14 L	WOOD	TYPE 1	2	2 - NEWSPAPER BOX
M 41	A 42+78, 12 R		WOOD	TYPE 1	2	1 - NEWSPAPER BOX NOT SURVEYED, FOUND ON STREET VIEW
M 42	A 43+11, 24 L	A 43+02, 14 L	WOOD	TYPE 1	2	
M 43	A 44+00, 26 L	A 43+98, 14 L	STEEL	TYPE 1	2	

M 44	A 44+73, 17 R	A 44+50, 14 R	STEEL	TYPE 1	2	
M 45	A 45+32, 16 R	A 46+14, 14 R	STEEL	TYPE 1	2	
M 46	A 45+79, 26 L	A 45+83, 14 L	WOOD	TYPE 1	2	1 - NEWSPAPER BOX
M 47	A 46+14, 26 L	A 46+17, 14 L	WOOD	TYPE 1	2	2 - NEWSPAPER BOX
M 48	A 47+66, 17 R	A 47+12, 14 R	WOOD	TYPE 1	2	MAILBOX IS CUSTOM. CONTRACTOR SHALL PRESERVE AND PROTECT MAILBOX.
M 49	A 48+04, 17 R	A 47+14, 14 R	WOOD	TYPE 1	2	MAILBOX IS CUSTOM. CONTRACTOR SHALL PRESERVE AND PROTECT MAILBOX.
M 50	A 48+98, 17 R	A 49+46, 14 R	WOOD	TYPE 1	2	

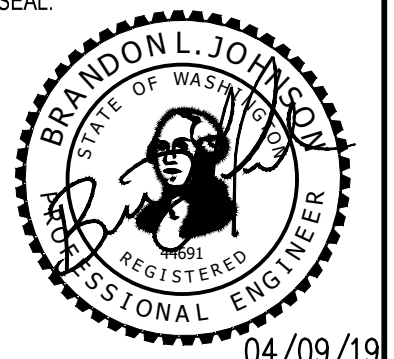
CONSTRUCTION NOTES:

- ALL MAILBOXES ARE GROUND MOUNTED. SEE WSDOT STANDARD PLAN H-70.10 FOR PLACEMENT.
- RELOCATED MAILBOXES SHALL INCLUDE REMOVAL OF POST AND FOUNDATION, UNLESS OTHERWISE NOTED.

REVISIONS	DATE	BY

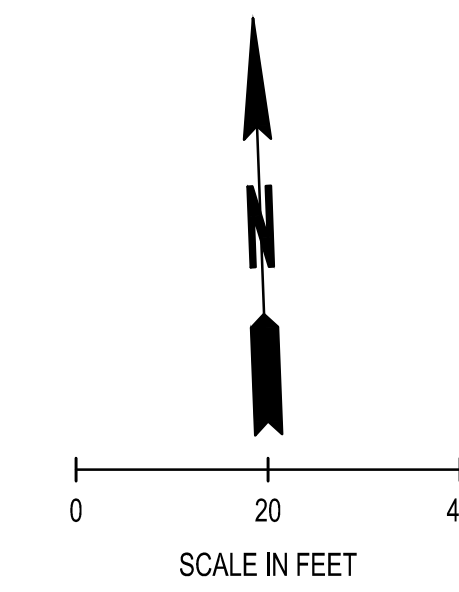
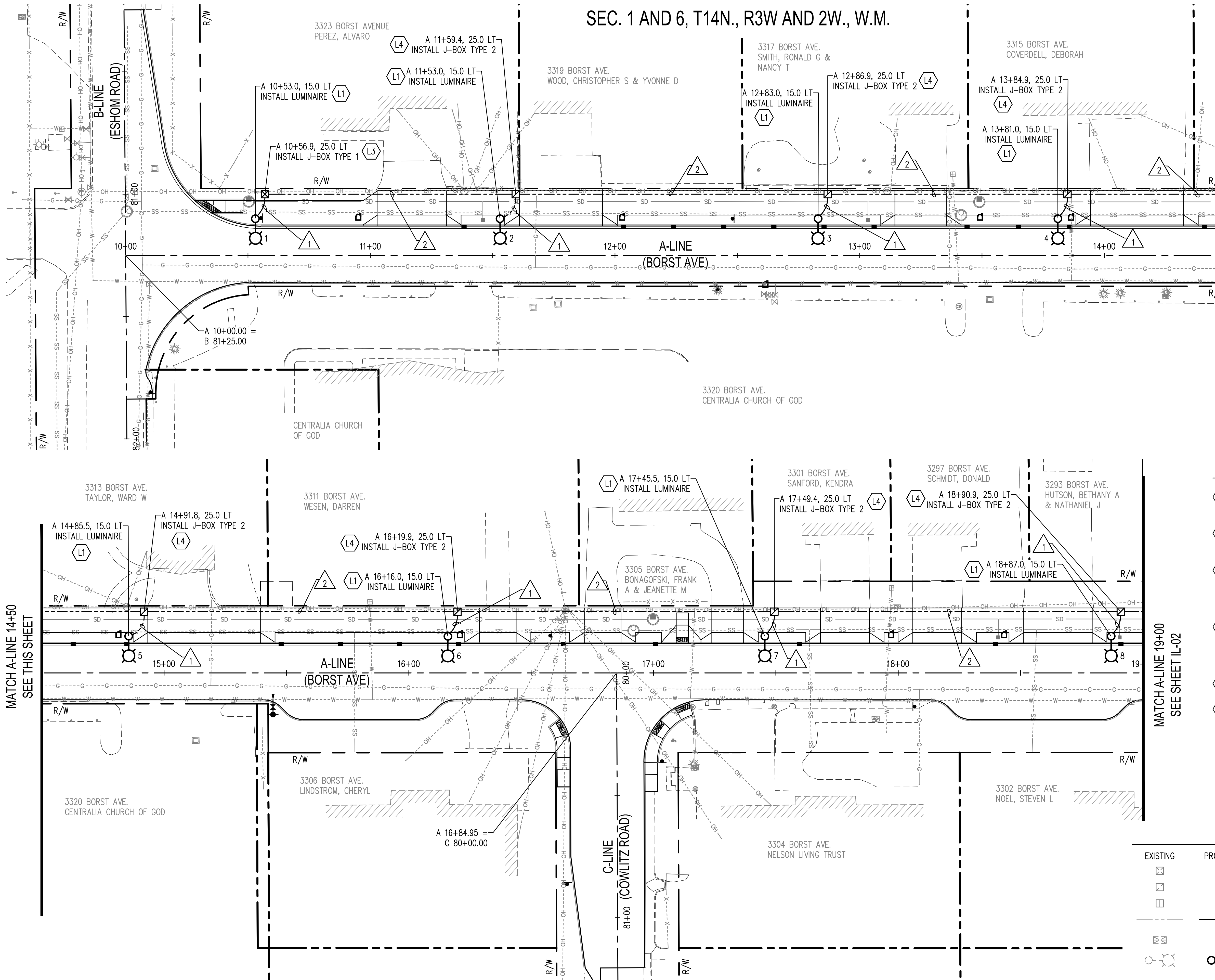
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SHEET TITLE: MAILBOX SUPPORT SPECIFICATIONS
PROJECT NAME: BORST AVENUE
CENTRALIA, WA
CRP 2139



DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 SN-01
DRAWING NO: SN-02
SHEET NO: 68 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



MATCH A-LINE 14+50
SEE THIS SHEET

MATCH A-LINE 19+00
SEE SHEET IL-02

NOTE:

- 1. WIRING SCHEDULE SEE SHEET IL-02

ILLUMINATION CONSTRUCTION NOTES

- L1 ILLUMINATION SYSTEM. INSTALL FOUNDATION PER DETAIL SEE SHEET IL-07. INSTALL DECORATIVE LIGHT STANDARD PER SPECIFICATIONS.
- L2 ILLUMINATION SYSTEM. RELOCATE EXISTING LUMINAIRE AND INSTALL FOUNDATION PER DETAIL SEE SHEET IL-07. INSTALL DECORATIVE LIGHT STANDARD PER SPECIFICATIONS.
- L3 ILLUMINATION SYSTEM. INSTALL LOCKING LID STANDARD DUTY JUNCTION BOX TYPE 1 PER WSDOT STANDARD PLAN J-40.10. ALL JUNCTION BOXES SHALL BE LOCATED IN THE BACK OF SIDEWALK WITH A NON-SKID LID, UNLESS OTHERWISE NOTED.
- L4 ILLUMINATION SYSTEM. INSTALL LOCKING LID STANDARD DUTY JUNCTION BOX TYPE 2 PER WSDOT STANDARD PLAN J-40.10. ALL JUNCTION BOXES SHALL BE LOCATED IN THE BACK OF SIDEWALK WITH A NON-SKID LID, UNLESS OTHERWISE NOTED.
- L5 ILLUMINATION SYSTEM. SPLICE PROPOSED STREET LIGHTING CIRCUIT TO EXISTING CIRCUIT.
- L6 ILLUMINATION SYSTEM. INSTALL SERVICE CABINET FOR PROPOSED ILLUMINATION SYSTEM.

LEGEND

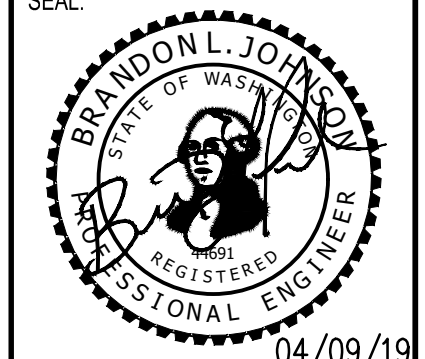
EXISTING	PROPOSED	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	TYPE 1 JUNCTION BOX, WSDOT STD PLAN J-40.10
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	TYPE 2 JUNCTION BOX, WSDOT STD PLAN J-40.10
<input type="checkbox"/>	<input type="checkbox"/>	TYPE 8 JUNCTION BOX, WSDOT STD PLAN J-40.30
<input type="checkbox"/>	<input type="checkbox"/>	CONDUIT PIPE 2 IN. DIAM.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SERVICE CABINET, SEE CITY OF CENTRALIA STD PLAN NO. 7-02
		LIGHT STANDARD
		CONSTRUCTION NOTE

REVISIONS	DATE	BY

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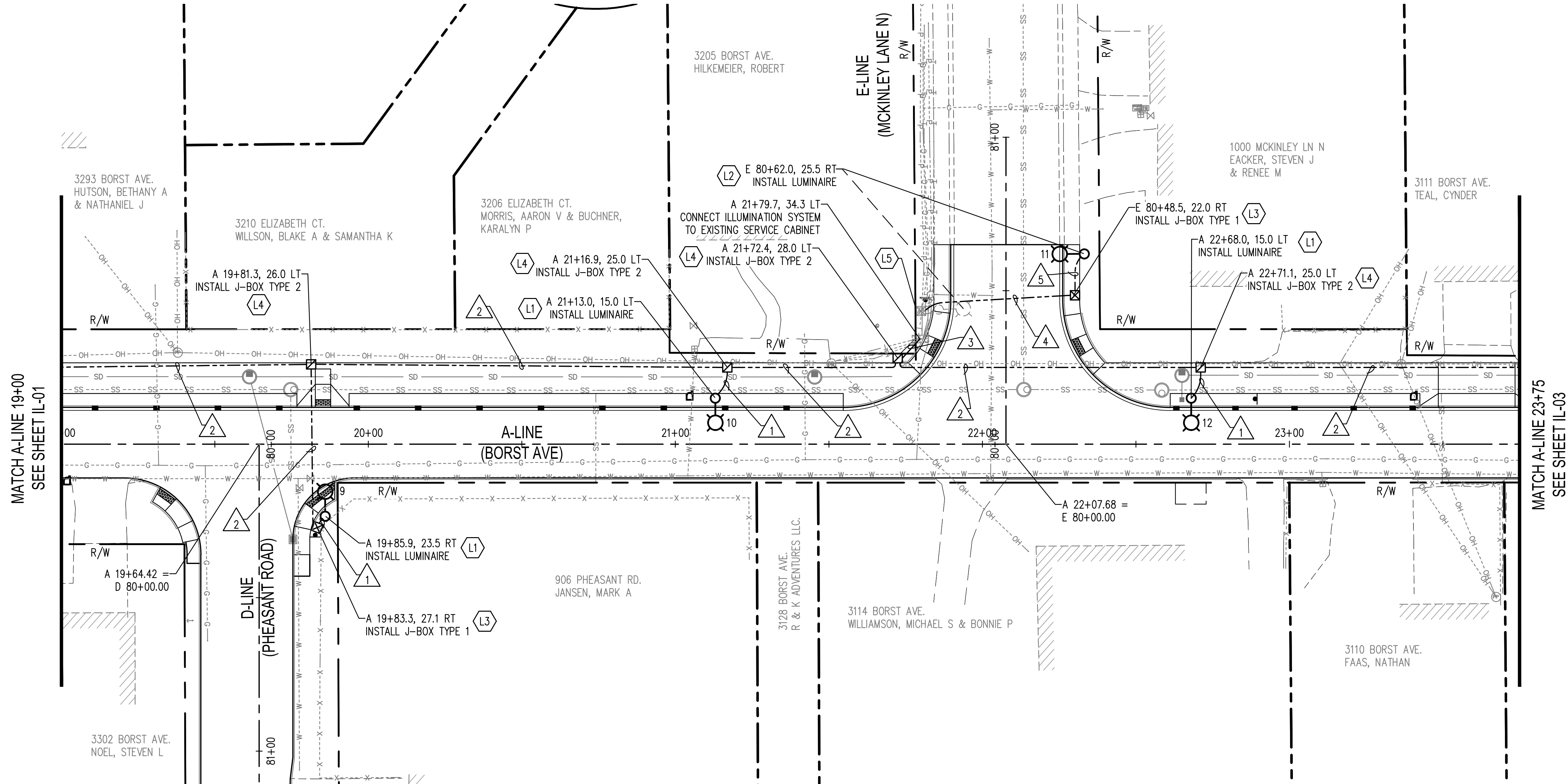
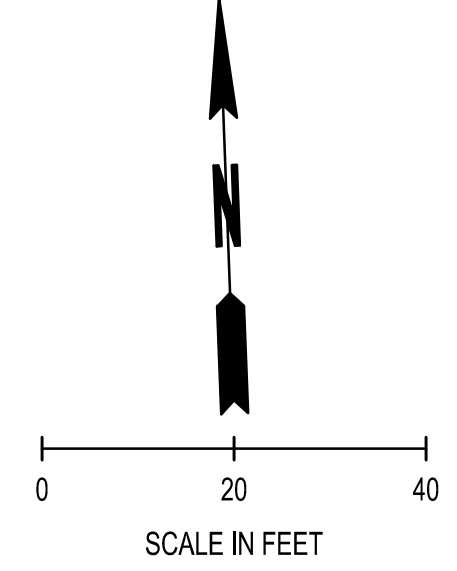
ILLUMINATION PLANS
BORST AVENUE
CENTRALIA, WA

SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04-IL-01
DRAWING NO: IL-01
SHEET NO: 69 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



MATCH A-LINE 19+00
SEE SHEET IL-01

MATCH A-LINE 23+75
SEE SHEET IL-03

WIRING SCHEDULE						
RUN NO.	CONDUIT SIZE	WIRE/CABLE				REMARKS
		#8 AWG GRND	#8 AWG EX CKT	#8 AWG CKT A	#8 AWG CKT B	
1	2"	1		2		ILLUMINATION
2	2"	1		2		ILLUMINATION
	2"					SPARE W/ PULL STRING
3	2"	1		2		SERVICE POWER
4	2"	1	2			ILLUMINATION
	2"					SPARE W/ PULL STRING
5	2"	1	2			ILLUMINATION
6	2"	1			2	SERVICE POWER
	2"	1			2	ILLUMINATION
7	2"					SPARE W/ PULL STRING
	2"				2	ILLUMINATION
8	2"	1			2	ILLUMINATION

- NOTES:
- ALL CONDUITS SHALL BE PVC SCHEDULE 80.
 - ALL CONDUITS SHALL HAVE CONTINUOUS GROUND WIRE PER WSDOT STANDARD SPECIFICATIONS.

ILLUMINATION CONSTRUCTION NOTES

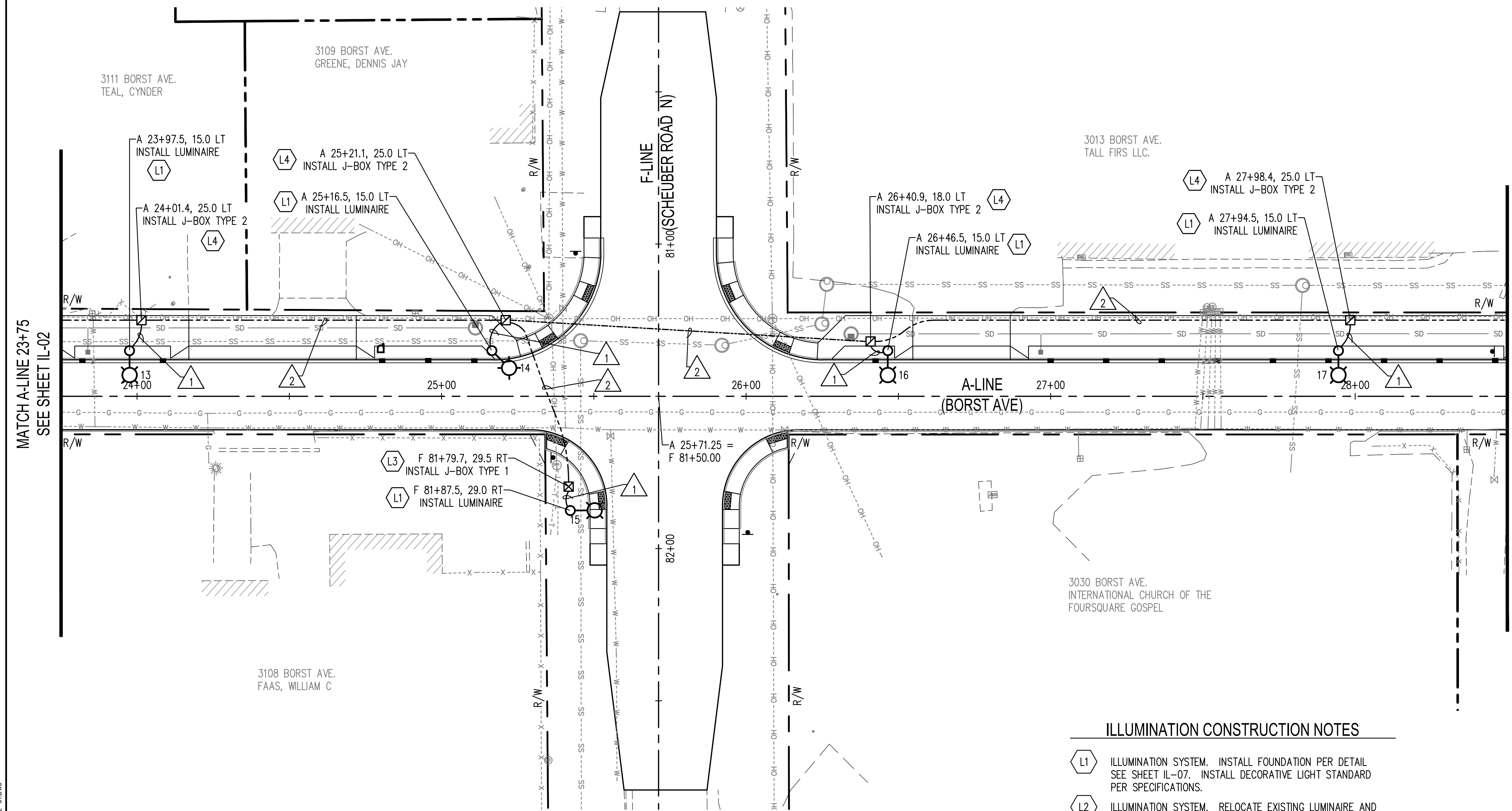
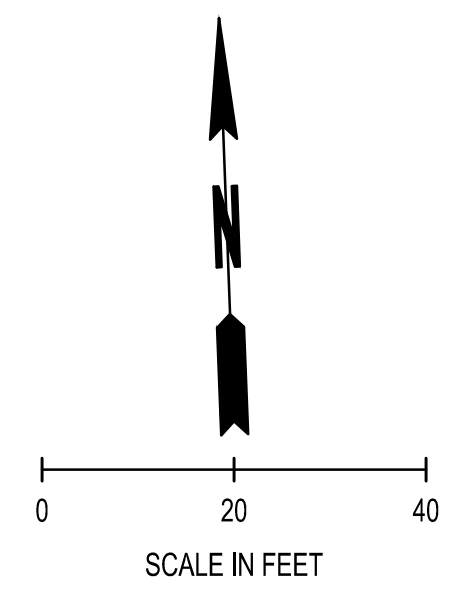
- L1 ILLUMINATION SYSTEM. INSTALL FOUNDATION PER DETAIL SEE SHEET IL-07. INSTALL DECORATIVE LIGHT STANDARD PER SPECIFICATIONS.
- L2 ILLUMINATION SYSTEM. RELOCATE EXISTING LUMINAIRE AND INSTALL FOUNDATION PER DETAIL SEE SHEET IL-07. INSTALL DECORATIVE LIGHT STANDARD PER SPECIFICATIONS.
- L3 ILLUMINATION SYSTEM. INSTALL LOCKING LID STANDARD DUTY JUNCTION BOX TYPE 1 PER WSDOT STANDARD PLAN J-40.10. ALL JUNCTION BOXES SHALL BE LOCATED IN THE BACK OF SIDEWALK WITH A NON-SKID LID, UNLESS OTHERWISE NOTED.
- L4 ILLUMINATION SYSTEM. INSTALL LOCKING LID STANDARD DUTY JUNCTION BOX TYPE 2 PER WSDOT STANDARD PLAN J-40.10. ALL JUNCTION BOXES SHALL BE LOCATED IN THE BACK OF SIDEWALK WITH A NON-SKID LID, UNLESS OTHERWISE NOTED.
- L5 ILLUMINATION SYSTEM. SPLICE PROPOSED STREET LIGHTING CIRCUIT TO EXISTING CIRCUIT.
- L6 ILLUMINATION SYSTEM. INSTALL SERVICE CABINET FOR PROPOSED ILLUMINATION SYSTEM.

LEGEND		
EXISTING	PROPOSED	
		TYPE 1 JUNCTION BOX, WSDOT STD PLAN J-40.10
		TYPE 2 JUNCTION BOX, WSDOT STD PLAN J-40.10
		TYPE 8 JUNCTION BOX, WSDOT STD PLAN J-40.30
		CONDUIT PIPE 2 IN. DIAM.
		SERVICE CABINET, SEE CITY OF CENTRALIA STD PLAN NO. 7-02
		LIGHT STANDARD
		CONSTRUCTION NOTE

REVISIONS BY: _____ DATE: _____	ILLUMINATION PLANS BORST AVENUE CENTRALIA, WA	PROJECT NAME: BORST AVENUE CENTRALIA, WA	SHEET NO.: IL-02 70 OF 88	DESIGNER: S. ROWSWELL	DRAWN BY: S. ROWSWELL	APPROVED BY: J. BRANNIN	DATE: MARCH, 2019	JOB NO.: 0635.04	DRAWING FILE NO.: 0635.04 IL-01	DRAWING NO.: IL-02	SHEET NO.: 70 OF 88
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SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



MATCH A-LINE 23+75
SEE SHEET IL-02

MATCH A-LINE 28+50
SEE SHEET IL-04

ILLUMINATION CONSTRUCTION NOTES

- L1 ILLUMINATION SYSTEM. INSTALL FOUNDATION PER DETAIL SEE SHEET IL-07. INSTALL DECORATIVE LIGHT STANDARD PER SPECIFICATIONS.
- L2 ILLUMINATION SYSTEM. RELOCATE EXISTING LUMINAIRE AND INSTALL FOUNDATION PER DETAIL SEE SHEET IL-07. INSTALL DECORATIVE LIGHT STANDARD PER SPECIFICATIONS.
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- L6 ILLUMINATION SYSTEM. INSTALL SERVICE CABINET FOR PROPOSED ILLUMINATION SYSTEM.

NOTE:
1. WIRING SCHEDULE SEE SHEET IL-02

LEGEND

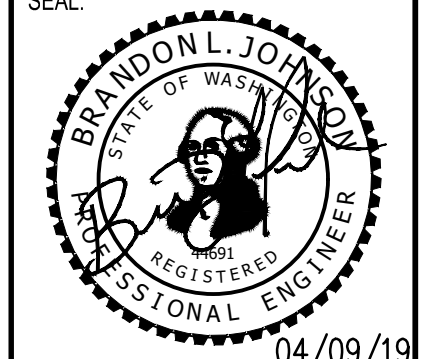
EXISTING	PROPOSED	
		TYPE 1 JUNCTION BOX, WSDOT STD PLAN J-40.10
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		TYPE 8 JUNCTION BOX, WSDOT STD PLAN J-40.30
		CONDUIT PIPE 2 IN. DIAM.
		SERVICE CABINET, SEE CITY OF CENTRALIA STD PLAN NO. 7-02
		LIGHT STANDARD
		CONSTRUCTION NOTE

REVISIONS	DATE	BY

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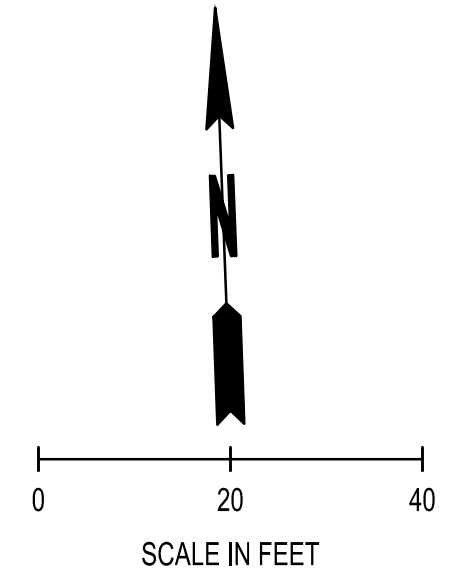
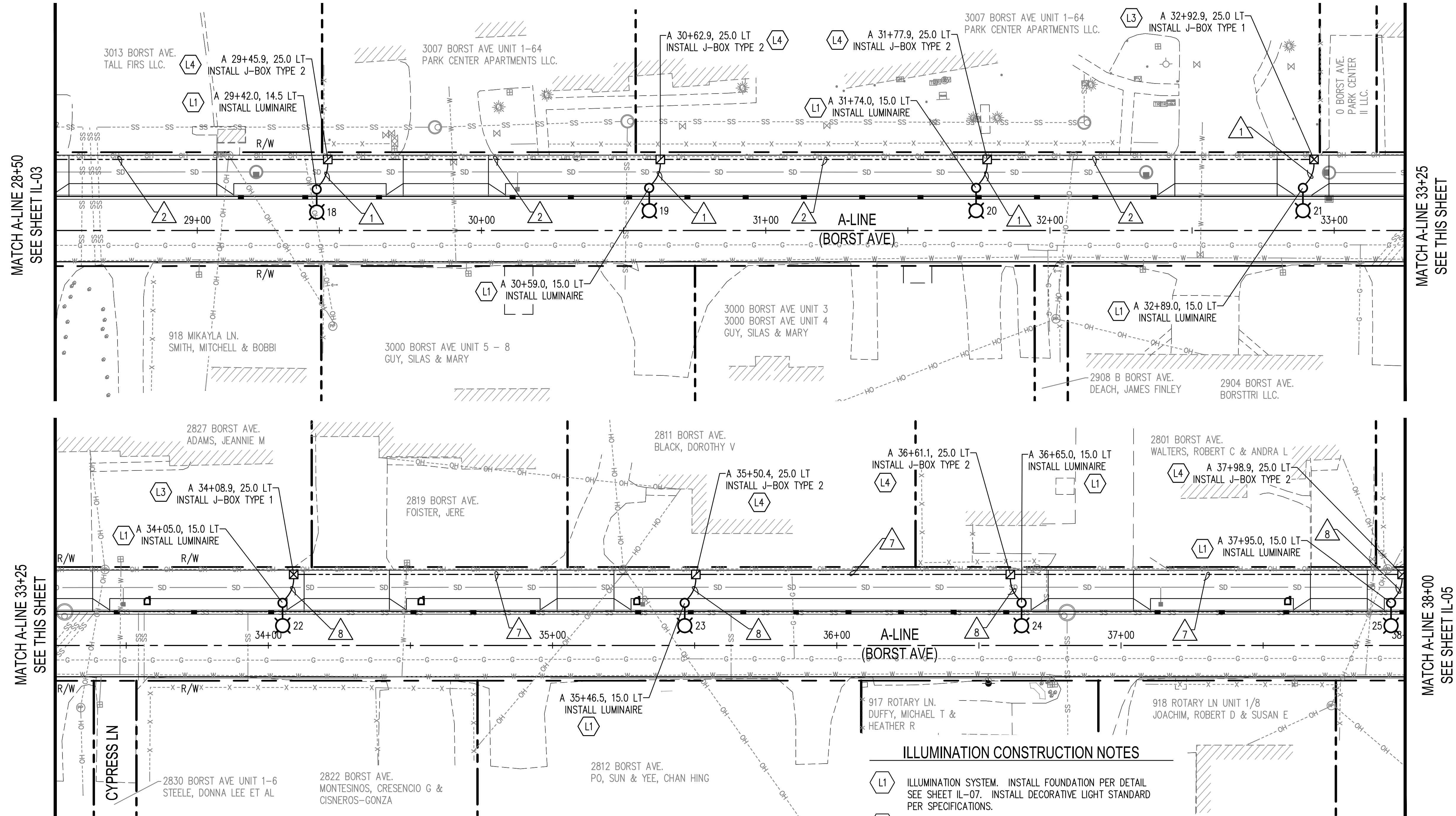
ILLUMINATION PLANS
BORST AVENUE
CENTRALIA, WA

SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 IL-01
DRAWING NO: IL-03
SHEET NO: 71 of 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



MATCH A-LINE 28+50
SEE SHEET IL-03

MATCH A-LINE 33+25
SEE THIS SHEET

MATCH A-LINE 33+25
SEE THIS SHEET

MATCH A-LINE 38+00
SEE SHEET IL-05

ILLUMINATION CONSTRUCTION NOTES

- L1 ILLUMINATION SYSTEM. INSTALL FOUNDATION PER DETAIL SEE SHEET IL-07. INSTALL DECORATIVE LIGHT STANDARD PER SPECIFICATIONS.
- L2 ILLUMINATION SYSTEM. RELOCATE EXISTING LUMINAIRE AND INSTALL FOUNDATION PER DETAIL SEE SHEET IL-07. INSTALL DECORATIVE LIGHT STANDARD PER SPECIFICATIONS.
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- L6 ILLUMINATION SYSTEM. INSTALL SERVICE CABINET FOR PROPOSED ILLUMINATION SYSTEM.

NOTE:
1. WIRING SCHEDULE SEE SHEET IL-02

LEGEND

EXISTING	PROPOSED	
		TYPE 1 JUNCTION BOX, WSDOT STD PLAN J-40.10
		TYPE 2 JUNCTION BOX, WSDOT STD PLAN J-40.10
		TYPE 8 JUNCTION BOX, WSDOT STD PLAN J-40.30
		CONDUIT PIPE 2 IN. DIAM.
		SERVICE CABINET, SEE CITY OF CENTRALIA STD PLAN NO. 7-02
		LIGHT STANDARD
		CONSTRUCTION NOTE

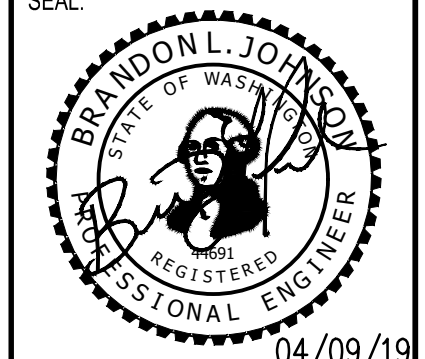
REVISIONS	DATE	BY

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ILLUMINATION PLANS
BORST AVENUE
CENTRALIA, WA

SHEET TITLE:
PROJECT NAME:
CRP 2139

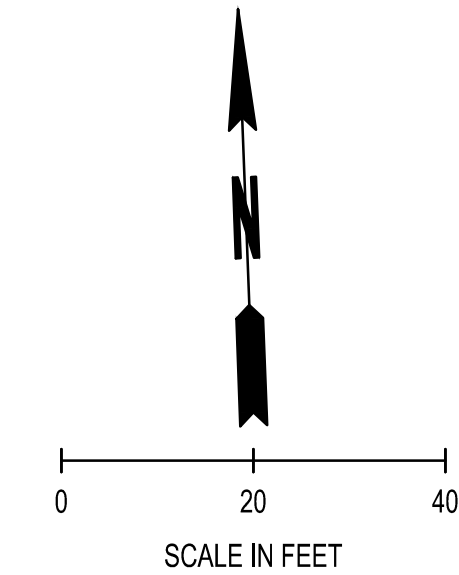


DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 IL-01
DRAWING NO: IL-04
SHEET NO: 72 OF 88

LEGEND

EXISTING	PROPOSED	
		TYPE 1 JUNCTION BOX, WSDOT STD PLAN J-40.10
		TYPE 2 JUNCTION BOX, WSDOT STD PLAN J-40.10
		TYPE 8 JUNCTION BOX, WSDOT STD PLAN J-40.30
		CONDUIT PIPE 2 IN. DIAM.
		SERVICE CABINET, SEE CITY OF CENTRALIA STD PLAN NO. 7-02
		LIGHT STANDARD
		CONSTRUCTION NOTE

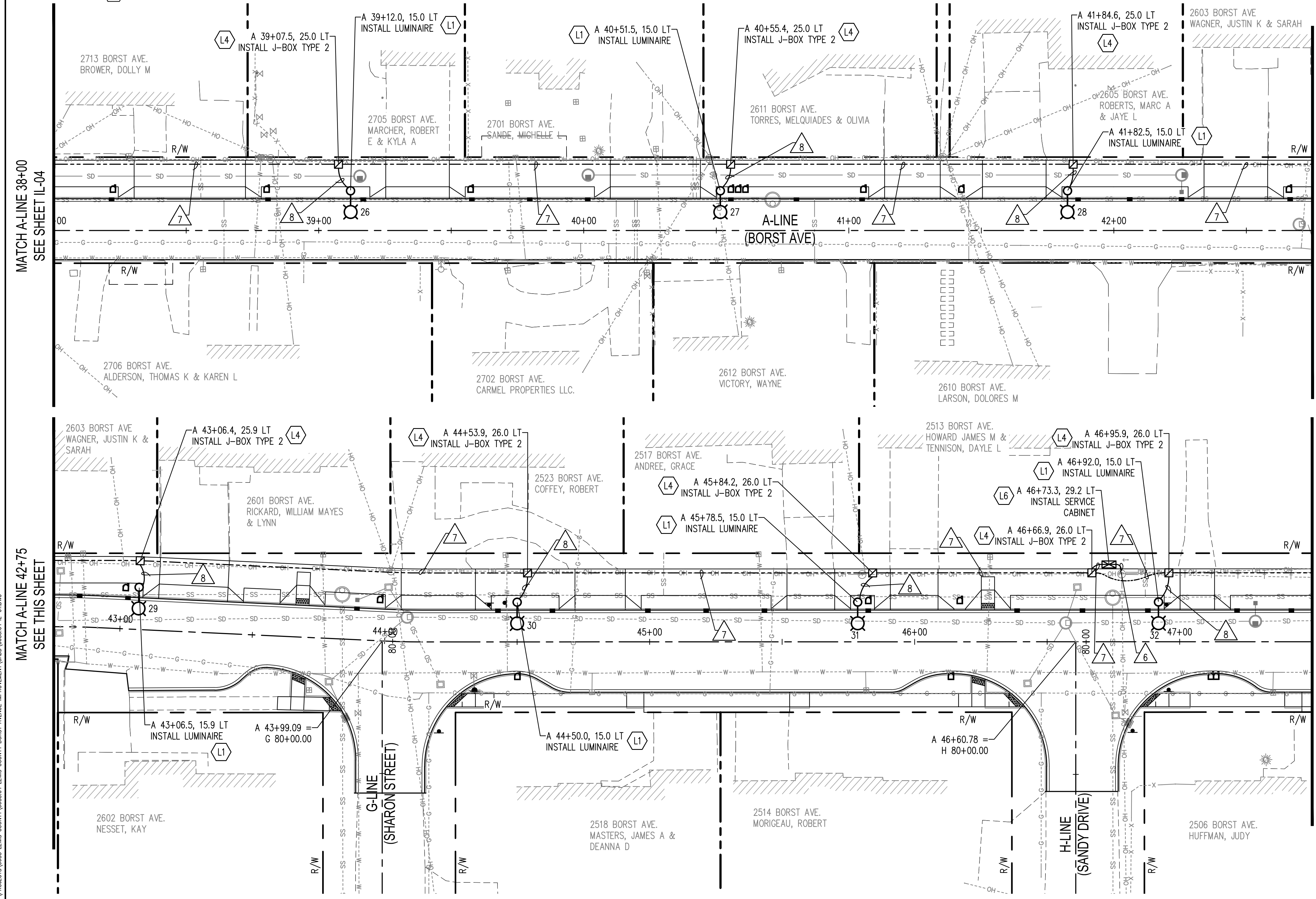
SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



ILLUMINATION CONSTRUCTION NOTES

- L1 ILLUMINATION SYSTEM. INSTALL FOUNDATION PER DETAIL SEE SHEET IL-07. INSTALL DECORATIVE LIGHT STANDARD PER SPECIFICATIONS.
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NOTE:
1. WIRING SCHEDULE SEE SHEET IL-02



BY									
DATE									
REVISIONS									
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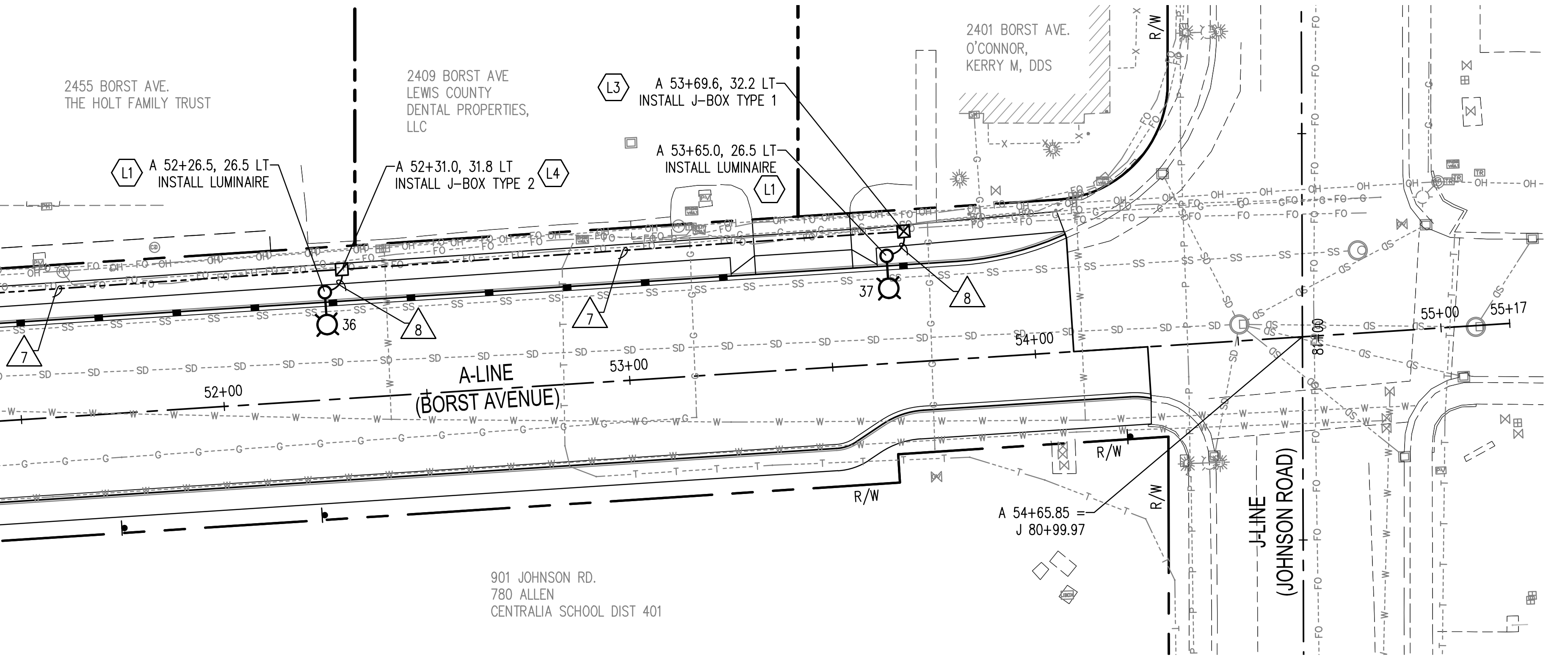
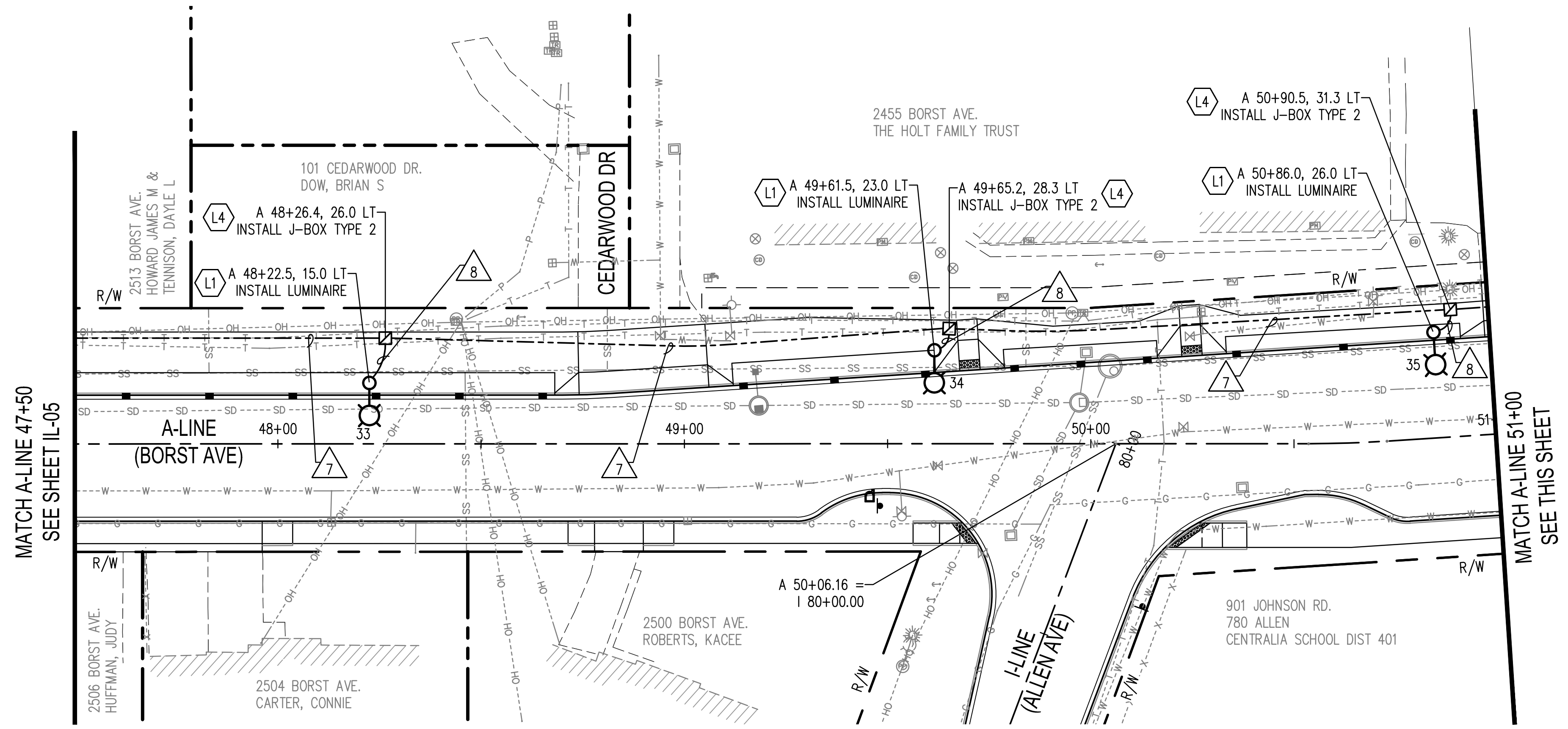
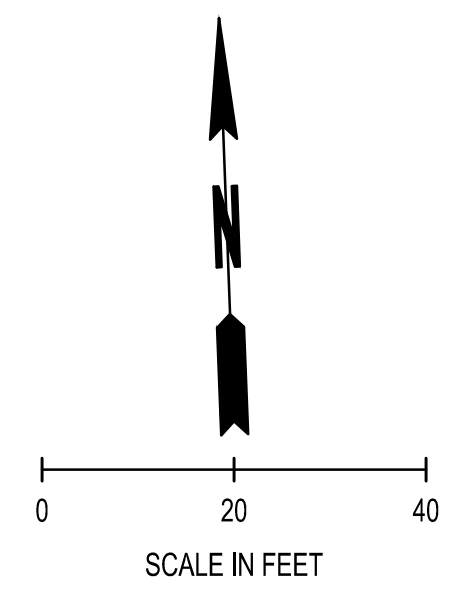
ILLUMINATION PLANS	BORST AVENUE CENTRALIA, WA
SHEET TITLE:	PROJECT NAME:
SEAL:	CRP 2139

04/09/19

DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 IL-01
DRAWING NO.:	IL-05
SHEET NO.:	73 OF 88

Apr 09, 2019 9:16:02am - User: pdh.brannin N:\PROJECTS\0635 LEWIS COUNTY\0635.04 LEWIS COUNTY BORST AVENUE IMPROVEMENT\CADD\0635.04 IL-01.DWG

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



NOTE:
1. WIRING SCHEDULE SEE SHEET IL-02

ILLUMINATION CONSTRUCTION NOTES

- L1 ILLUMINATION SYSTEM. INSTALL FOUNDATION PER DETAIL SEE SHEET IL-07. INSTALL DECORATIVE LIGHT STANDARD PER SPECIFICATIONS.
- L2 ILLUMINATION SYSTEM. RELOCATE EXISTING LUMINAIRE AND INSTALL FOUNDATION PER DETAIL SEE SHEET IL-07. INSTALL DECORATIVE LIGHT STANDARD PER SPECIFICATIONS.
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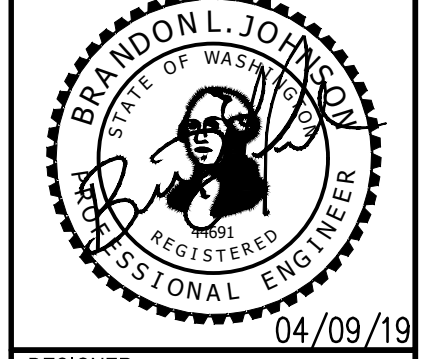
LEGEND

EXISTING	PROPOSED	
		TYPE 1 JUNCTION BOX, WSDOT STD PLAN J-40.10
		TYPE 2 JUNCTION BOX, WSDOT STD PLAN J-40.10
		TYPE 8 JUNCTION BOX, WSDOT STD PLAN J-40.30
		CONDUIT PIPE 2 IN. DIAM.
		SERVICE CABINET, SEE CITY OF CENTRALIA STD PLAN NO. 7-02
		LIGHT STANDARD
		CONSTRUCTION NOTE

REVISIONS	DATE	BY

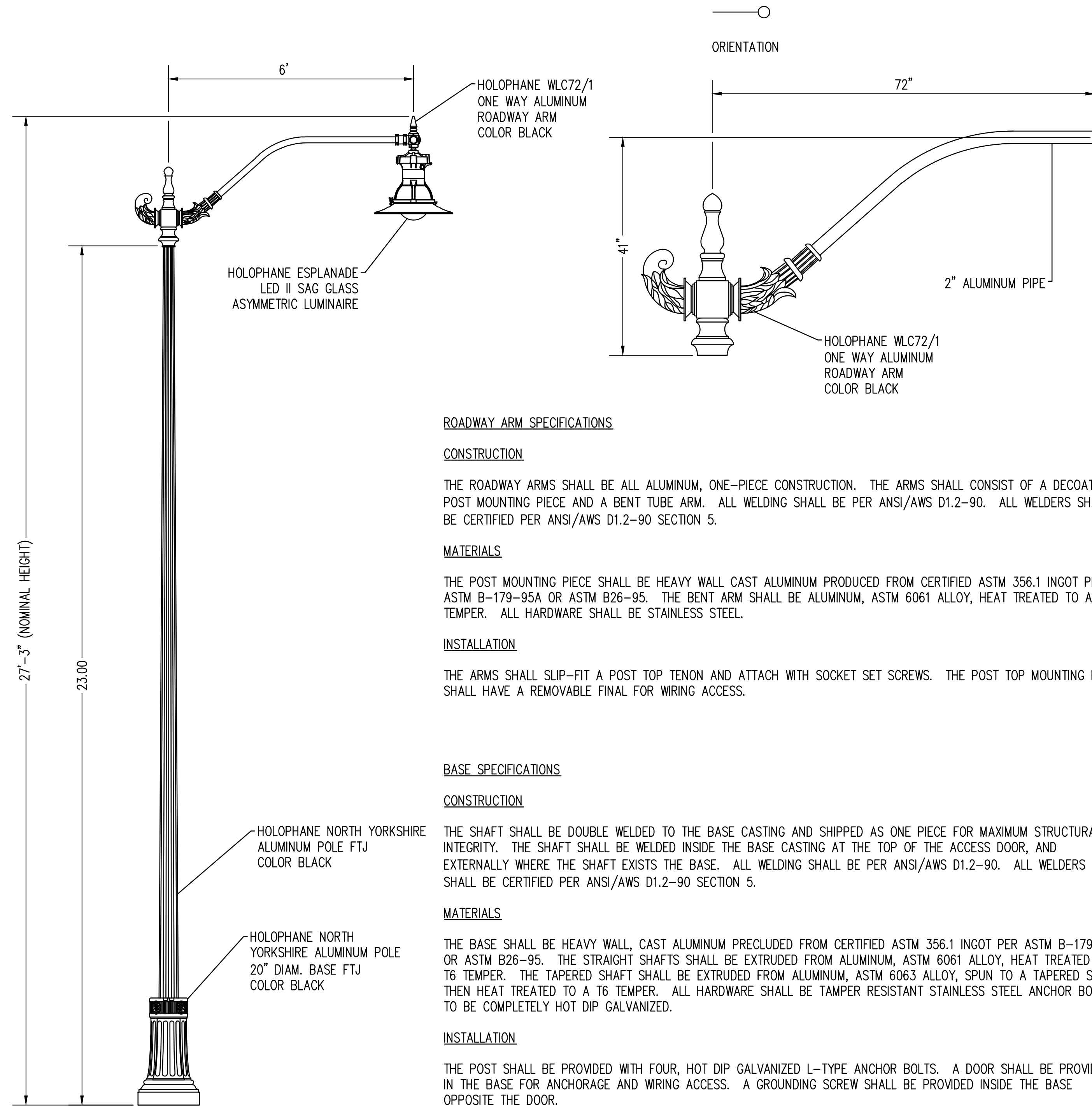
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SHEET TITLE: ILLUMINATION PLANS
PROJECT NAME: BORST AVENUE
CENTRALIA, WA
CRP 2139



DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 IL-01
DRAWING NO: IL-06
SHEET NO: 74 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



ROADWAY ARM SPECIFICATIONS

CONSTRUCTION

THE ROADWAY ARMS SHALL BE ALL ALUMINUM, ONE-PIECE CONSTRUCTION. THE ARMS SHALL CONSIST OF A DECORATIVE POST MOUNTING PIECE AND A BENT TUBE ARM. ALL WELDING SHALL BE PER ANSI/AWS D1.2-90. ALL WELDERS SHALL BE CERTIFIED PER ANSI/AWS D1.2-90 SECTION 5.

MATERIALS

THE POST MOUNTING PIECE SHALL BE HEAVY WALL CAST ALUMINUM PRODUCED FROM CERTIFIED ASTM 356.1 INGOT PER ASTM B-179-95A OR ASTM B26-95. THE BENT ARM SHALL BE ALUMINUM, ASTM 6061 ALLOY, HEAT TREATED TO A T6 TEMPER. ALL HARDWARE SHALL BE STAINLESS STEEL.

INSTALLATION

THE ARMS SHALL SLIP-FIT A POST TOP TENON AND ATTACH WITH SOCKET SET SCREWS. THE POST TOP MOUNTING PIECE SHALL HAVE A REMOVABLE FINAL FOR WIRING ACCESS.

BASE SPECIFICATIONS

CONSTRUCTION

THE SHAFT SHALL BE DOUBLE WELDED TO THE BASE CASTING AND SHIPPED AS ONE PIECE FOR MAXIMUM STRUCTURAL INTEGRITY. THE SHAFT SHALL BE WELDED INSIDE THE BASE CASTING AT THE TOP OF THE ACCESS DOOR, AND EXTERNALLY WHERE THE SHAFT EXISTS THE BASE. ALL WELDING SHALL BE PER ANSI/AWS D1.2-90. ALL WELDERS SHALL BE CERTIFIED PER ANSI/AWS D1.2-90 SECTION 5.

MATERIALS

THE BASE SHALL BE HEAVY WALL, CAST ALUMINUM PRECLUDED FROM CERTIFIED ASTM 356.1 INGOT PER ASTM B-179-95A OR ASTM B26-95. THE STRAIGHT SHAFTS SHALL BE EXTRUDED FROM ALUMINUM, ASTM 6061 ALLOY, HEAT TREATED TO T6 TEMPER. THE TAPERED SHAFT SHALL BE EXTRUDED FROM ALUMINUM, ASTM 6063 ALLOY, SPUN TO A TAPERED SHAPE, THEN HEAT TREATED TO A T6 TEMPER. ALL HARDWARE SHALL BE TAMPER RESISTANT STAINLESS STEEL ANCHOR BOLTS TO BE COMPLETELY HOT DIP GALVANIZED.

INSTALLATION

THE POST SHALL BE PROVIDED WITH FOUR, HOT DIP GALVANIZED L-TYPE ANCHOR BOLTS. A DOOR SHALL BE PROVIDED IN THE BASE FOR ANCHORAGE AND WIRING ACCESS. A GROUNDING SCREW SHALL BE PROVIDED INSIDE THE BASE OPPOSITE THE DOOR.

LED LIGHT SPECIFICATIONS

WIRING CHAMBER

THE WIRING CHAMBER HAS EITHER A 1.50 INCH NPT WITH A STAINLESS STEEL SET SCREW OR WELDER STEM. THE STEM (QUICK LOCK STEM MOUNTING OPTION) AIDS INSTALLATION SPEED. A (3) STATION TERMINAL BLOCK THAT ACCEPTS #14 THROUGH #2 WIRES AND HAS QUICK DISCONNECT HARNESS WITH REMOVABLE ELECTRICAL MODULE IS PROVIDED.

ELECTRICAL/REFLECTOR ASSEMBLY

THE ELECTRICAL/REFLECTOR ASSEMBLY HINGES DOWN FROM THE WIRING CHAMBER FOR EASE IN WIRING AND FACILITATE THE REMOVAL OF THE ELECTRICAL MODULE. THE ASSEMBLY IS SECURED IN PLACE BY A STAINLESS STEEL LATCH. THE UNITIZED ELECTRICAL MODULE CONSISTS OF THE ELECTRONIC DRIVER AND COMPONENTS MOUNTED TO AN ALUMINUM PLATE THAT IS EASILY REMOVED BY LOOSENING TWO SCREWS IN THE BASE OF THE HOUSING. THE DISCONNECT PLUG CONNECTS THE BALLAST TO THE TERMINAL BLOCK IN THE WIRING CHAMBER.

REFRACTOR/DOOR ASSEMBLY

THE CAST ALUMINUM DOOR SUPPORTS A TEARDROP, BOWL, OR SAG SHAPED, THERMAL RESISTANT BOROSILICATE GLASS REFRACTOR THAT CONTROLS THE LIGHT TO PROVIDE AN I.E.S. ASYMMETRIC (TEARDROP, BOWL, OR SAG GLASS) AND SYMMETRIC (BOWL AND SAG GLASS) DISTRIBUTION. I.E.S. ASYMMETRIC CUT OFF DISTRIBUTION IS AVAILABLE ON THE BOWL GLASS WITH THE DECORATIVE DEEP SKIRT (WHEN APPLICABLE) ASSEMBLY HINGES FROM THE ELECTRICAL/REFLECTOR ASSEMBLY AND IS LATCHED BY A TAMPER-RESISTANT, COLOR MATCHED BRACKET AND NUT ASSEMBLY.

DRIVER

LED PROGRAMMABLE DIMMABLE DRIVER LOCATED IN THE UPPER ELECTRICAL HOUSING.

MATERIAL

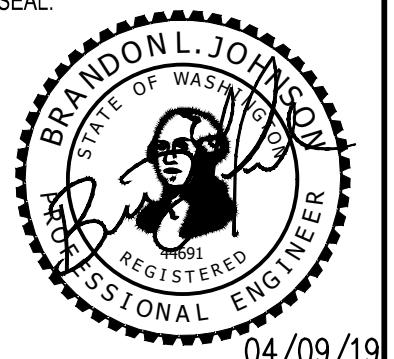
THE LUMINAIRE IS FINISHED POLYESTER POWDER PAINT IN INSURED MAXIMUM DURABILITY. ALL CASTINGS UTILIZE LOW COPPER ALUMINUM FOR MAXIMUM CORROSION RESISTANCE AND ALL EXPOSED HARDWARE IS STAINLESS STEEL.

REVISIONS	DATE	BY

SCJ ALLIANCE
CONSULTING SERVICES
212 N TOWER AVE, CENTRALIA, WA 98531
P: 360.669.0700 F: 360.352.1509
SCJALLIANCE.COM

ILLUMINATION DETAILS
BORST AVENUE
CENTRALIA, WA

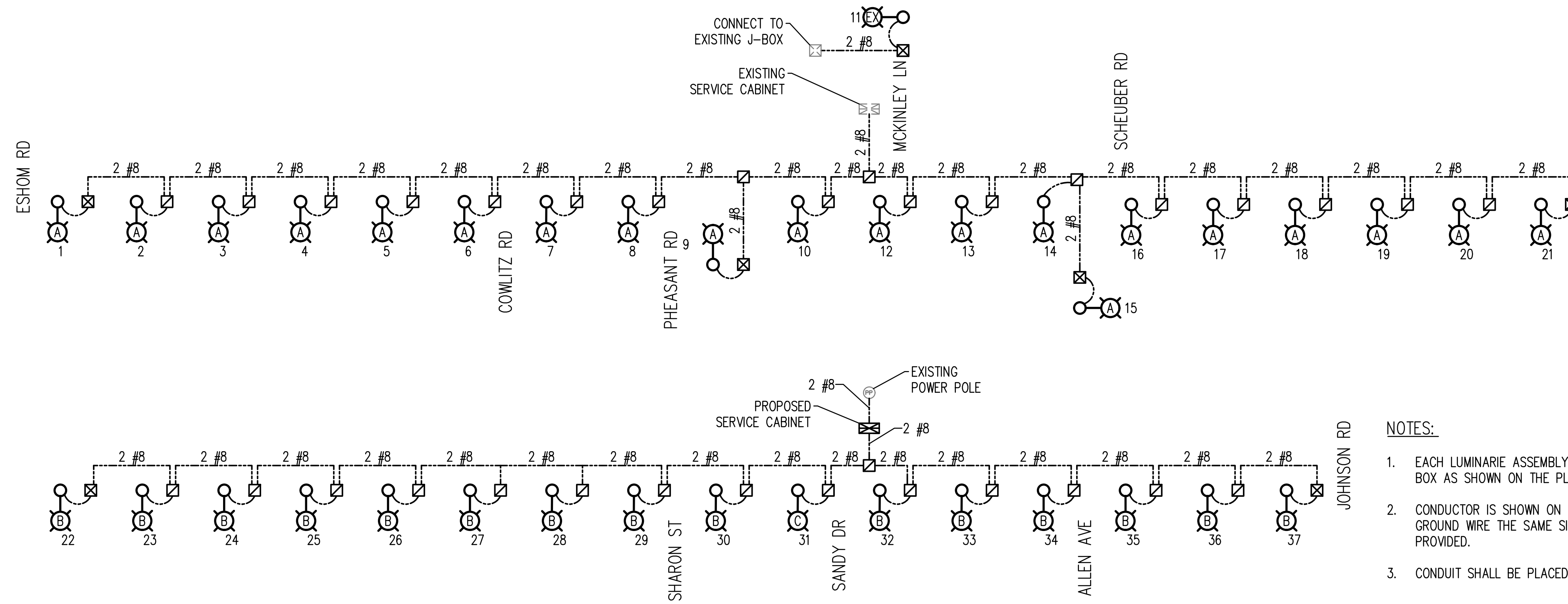
SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 IL-02
DRAWING NO: IL-08
SHEET NO: 76 OF 88

Apr 09, 2019 9:17:14am - User: psh.brannin
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SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



ONE-LINE DIAGRAM
NOT TO SCALE

NOTES:

1. EACH LUMINAIRE ASSEMBLY SHALL INCLUDE ONE JUNCTION BOX AS SHOWN ON THE PLAN.
2. CONDUCTOR IS SHOWN ON DIAGRAM; A GREEN INSULATED GROUND WIRE THE SAME SIZE AS THE CONDUCTORS SHALL BE PROVIDED.
3. CONDUIT SHALL BE PLACED UNDER THE SIDEWALK.

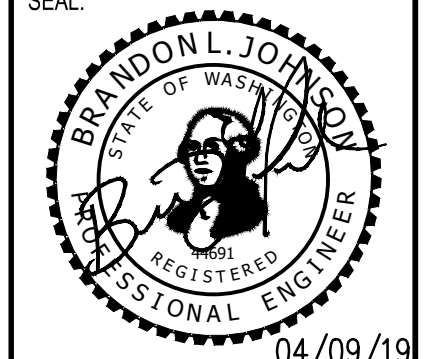
LEGEND

- PROPOSED
- TYPE 1 JUNCTION BOX, WSDOT STD PLAN J-40.10
 - TYPE 2 JUNCTION BOX, WSDOT STD PLAN J-40.10
 - TYPE 8 JUNCTION BOX, WSDOT STD PLAN J-40.30
 - CONDUIT PIPE 2 IN. DIAM.
 - SERVICE CABINET, SEE CITY OF CENTRALIA STD PLAN NO. 7-02
 - LIGHT STANDARD
- CIRCUIT LETTER LUMINAIRE NUMBER

ILLUMINATION DETAILS

BORST AVENUE
CENTRALIA, WA

SHEET TITLE:
PROJECT NAME:
CRP 2139



DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04-IL-02
DRAWING NO.:	IL-09
SHEET NO.:	77 OF 88

REVISIONS	DATE	BY

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N:\PROJECTS\0635 LEWIS COUNTY\0635.04 LEWIS COUNTY BORST AVENUE IMPROVEMENT\CADD\0635.04 IL-02.DWG

GENERAL NOTES:

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.

1. ALL CONFLICTING SIGNS SHALL BE COVERED.
2. SEE WSDOT STD. PLAN, K-80.10 FOR CLASS A SIGN INSTALLATION.
3. SIGN LOCATIONS SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED TO FIELD LOCATIONS. FINAL LOCATIONS TO BE VERIFIED BY ENGINEER PRIOR TO INSTALLATION.
4. ALL SIGNS SHALL BE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE SHOWN.
5. CONTRACTOR SHALL BE REQUIRED TO MAINTAIN LOCAL ACCESS TO DRIVEWAYS IMPACTED BY CONSTRUCTION ACTIVITIES.
6. ALL SIGNS SHALL MEET MUCTD GUIDELINES.

LEGEND:

■ SIGN LOCATION // TYPE 3 BARRICADE
SEE WSDOT STD PLAN K-80.20-00

**BORST AVE
CLOSED**
LOCAL TRAFFIC ONLY

R11-3 MOD.
(60" X 48")
B/W

1

**DETOUR
AHEAD**

W20-2
(48" X 48")
B/O

2

DETOUR

M4-10L
(48" X 18")
B/O

3

DETOUR

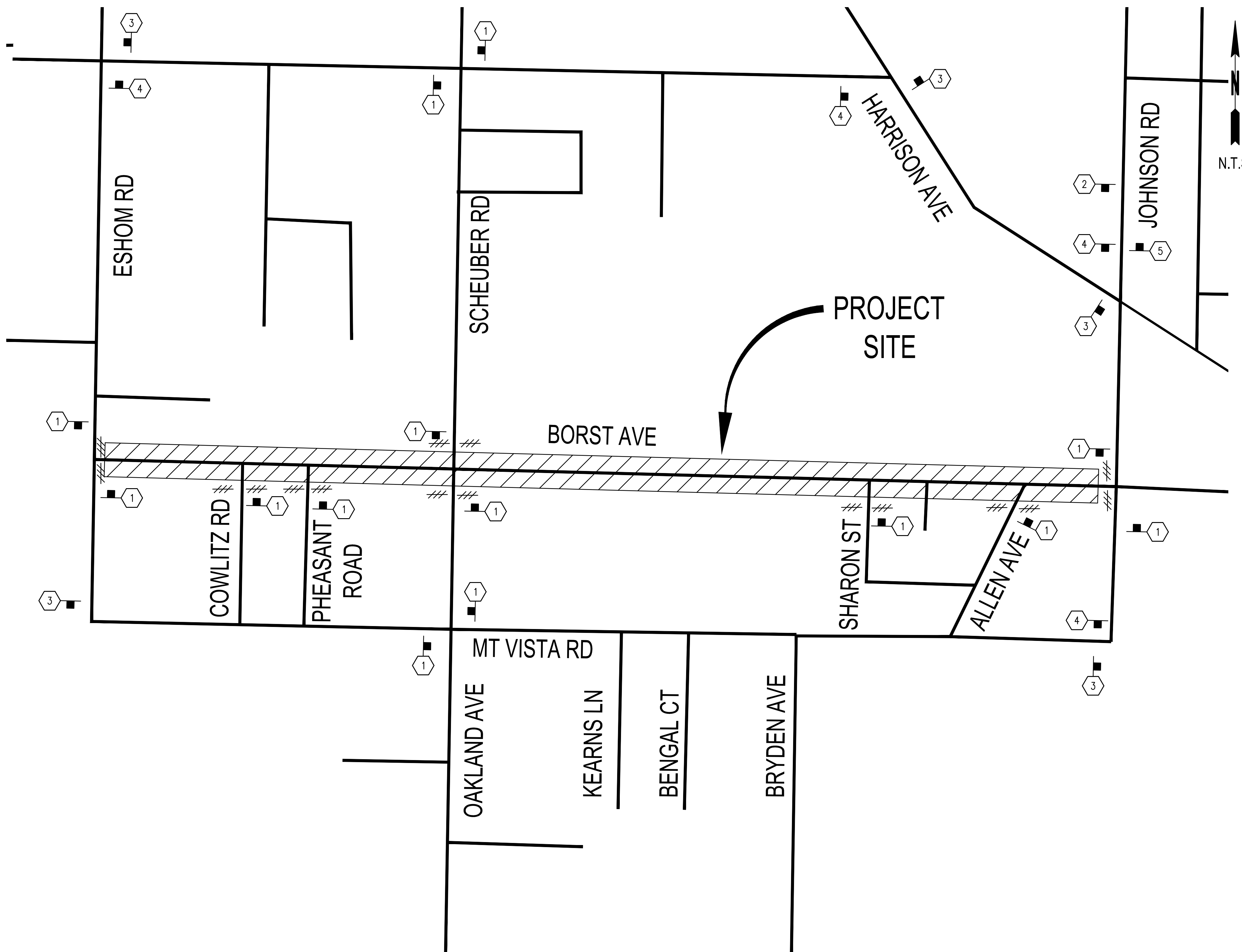
M4-10R
(48" X 18")
B/O

4

**END
DETOUR**

M4-8A
(24" X 18")
B/W

5



N.T.S.

REVISIONS	DATE	BY

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SCALLIANCE.COM

SHEET TITLE: **TRAFFIC CONTROL PLAN**
PROJECT NAME: **BORST AVENUE**
CENTRALIA, WA

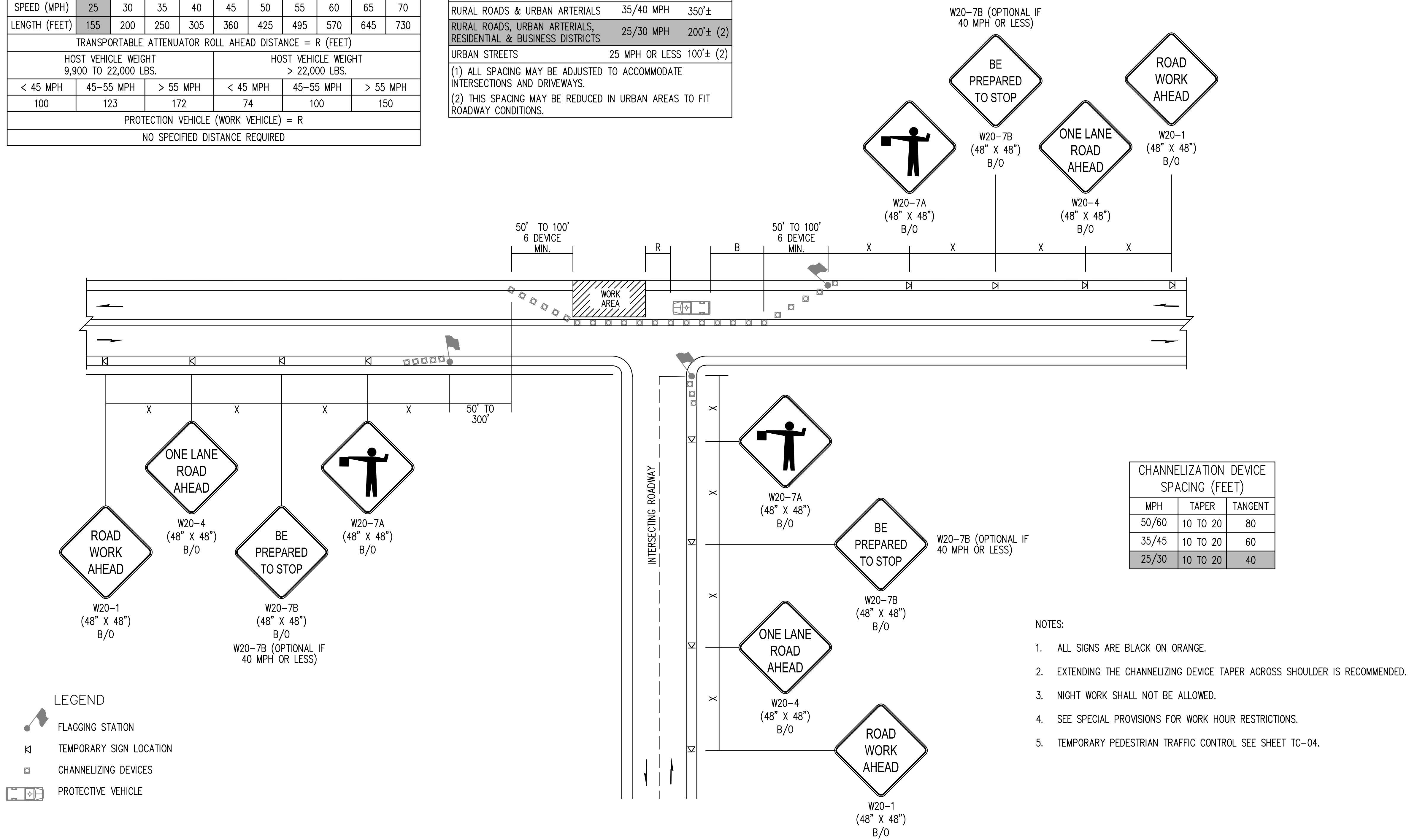
SEAL:
DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 TC-01
DRAWING NO: TC-01
SHEET NO: 78 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.

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 (FEET)											
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	< 45 MPH	45-55 MPH	> 55 MPH	< 45 MPH	45-55 MPH	> 55 MPH
100	123	172	74	100	150	100	150	100	150	100	150
PROTECTION VEHICLE (WORK VEHICLE) = R											
NO SPECIFIED DISTANCE REQUIRED											

SIGN SPACING = X (1)		
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 INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

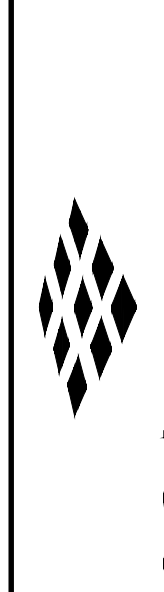


- LEGEND**
- FLAGGING STATION
 - TEMPORARY SIGN LOCATION
 - CHANNELIZING DEVICES
 - PROTECTIVE VEHICLE

- NOTES:**
1. ALL SIGNS ARE BLACK ON ORANGE.
 2. EXTENDING THE CHANNELIZING DEVICE TAPER ACROSS SHOULDER IS RECOMMENDED.
 3. NIGHT WORK SHALL NOT BE ALLOWED.
 4. SEE SPECIAL PROVISIONS FOR WORK HOUR RESTRICTIONS.
 5. TEMPORARY PEDESTRIAN TRAFFIC CONTROL SEE SHEET TC-04.


ONE-LANE, TWO-WAY TRAFFIC CONTROL WITH FLAGGERS
NOT TO SCALE

BY									
DATE									
REVISIONS									
△									



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TRAFFIC CONTROL PLAN	BORST AVENUE CENTRALIA, WA
SHEET TITLE:	PROJECT NAME:
SEAL:	CRP 2139



04/09/19

DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04 TC-01
DRAWING NO.:	TC-02
SHEET NO.:	79 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.

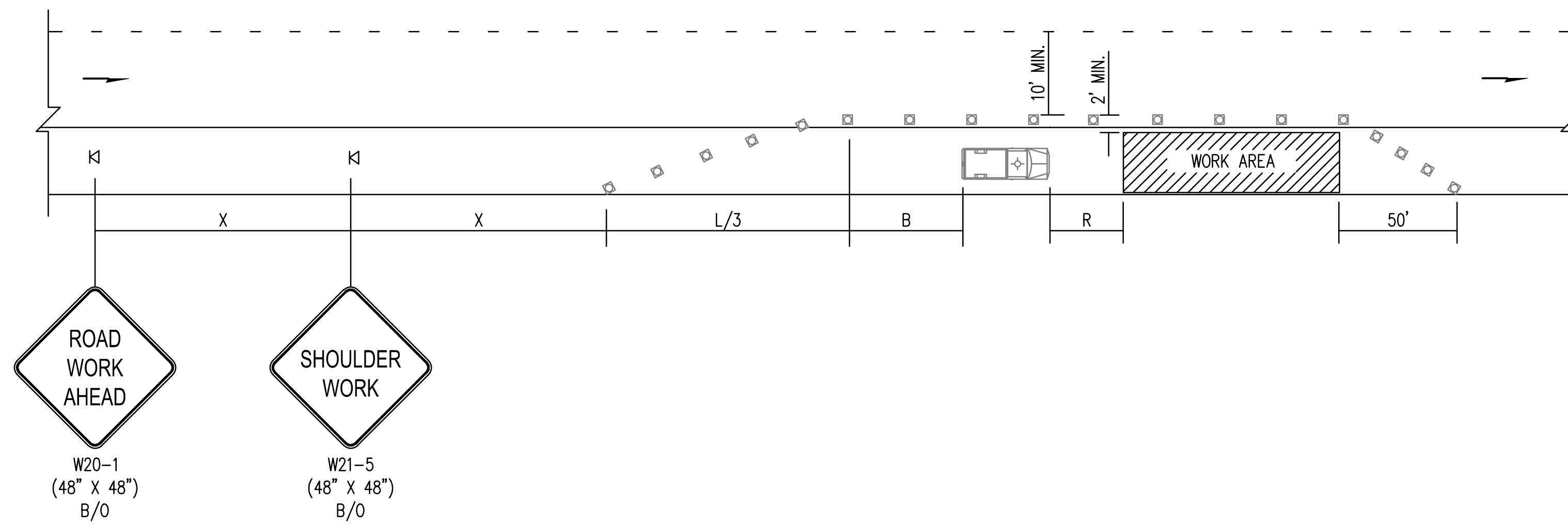
BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (FEET)	155	200	250	305	360	425	495	570	645	730
TRANSPORTABLE ATTENUATOR ROLL AHEAD DISTANCE = R (FEET)										
HOST VEHICLE WEIGHT 9,900 TO 22,000 LBS.					HOST VEHICLE WEIGHT > 22,000 LBS.					
< 45 MPH	45-55 MPH	> 55 MPH			< 45 MPH	45-55 MPH	> 55 MPH			
100	123	172			74	100	150			
PROTECTION VEHICLE (WORK VEHICLE) = R										
NO SPECIFIED DISTANCE REQUIRED										

SIGN SPACING = X (1)		
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 INTERSECTIONS AND DRIVEWAYS.
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.

MINIMUM SHOULDER TAPER LENGTH = L/3 (FEET)				
SHOULDER WIDTH (FEET)	POSTED SPEED (MPH)			
	25	30	35	40
	8	40	40	60
10	40	60	90	90

USE A 3 DEVICES TAPER FOR SHOULDERS LESS THAN 8'



CHANNELIZATION DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
35/40	30	60
25/30	20	40

- LEGEND
- K1 TEMPORARY SIGN LOCATION
 - CHANNELIZING DEVICES
 - PROTECTIVE VEHICLE

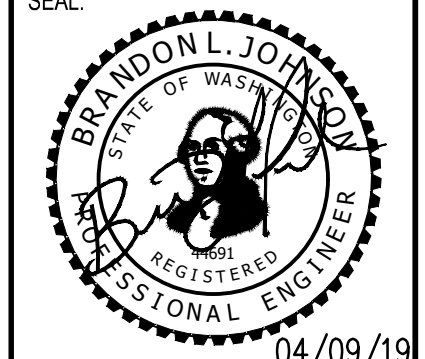
SHOULDER CLOSURE – LOW SPEED
(40 MPH OR LESS)
NOT TO SCALE

- NOTES:
- DEVICES SPACING FOR DOWNSTREAM TAPER SHALL BE 20' (FT).
 - ALL SIGNS ARE BLACK ON ORANGE.
 - TEMPORARY PEDESTRIAN TRAFFIC CONTROL SEE SHEET TC-04.

REVISIONS	DATE	BY

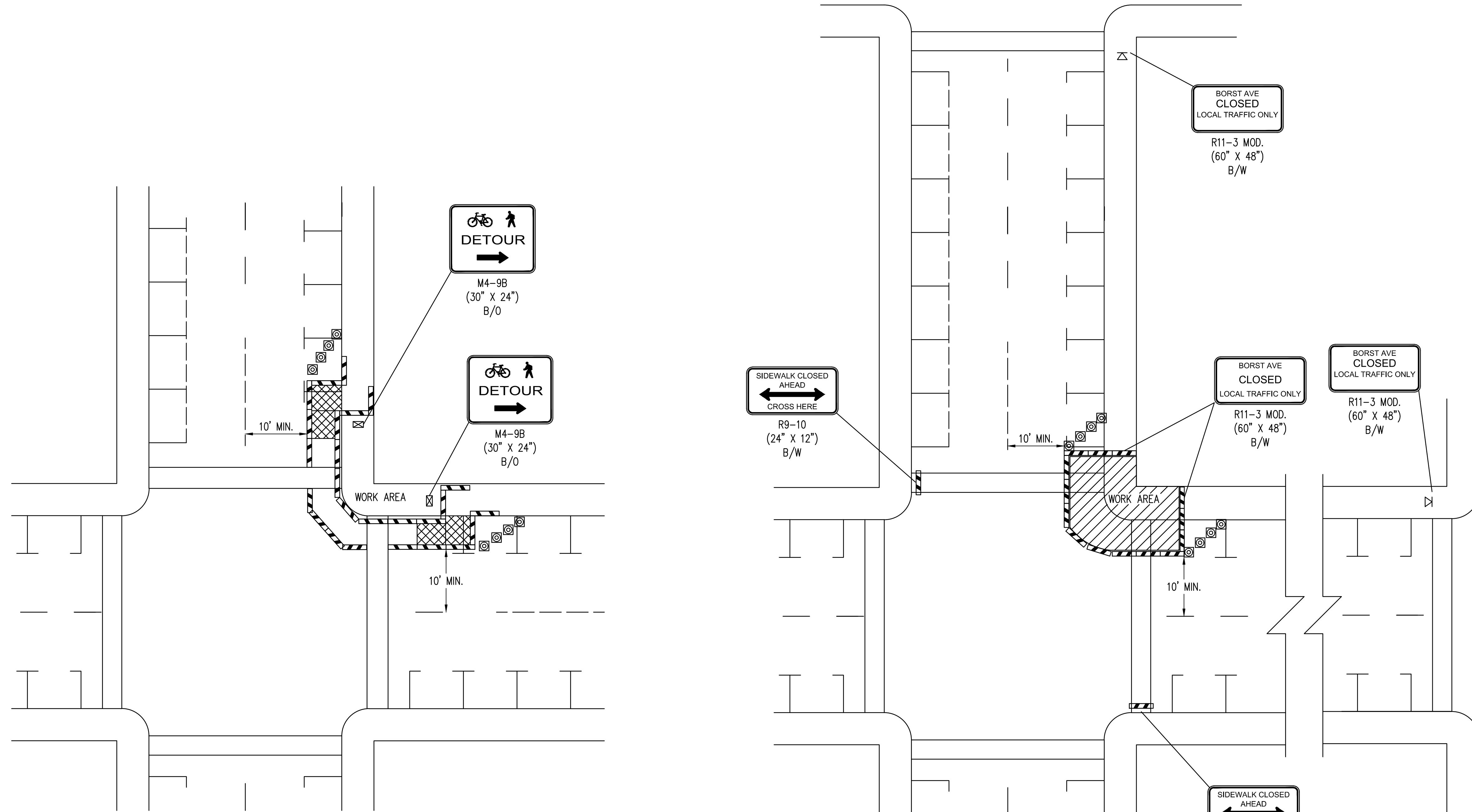
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SHEET TITLE: TRAFFIC CONTROL PLAN
PROJECT NAME: BORST AVENUE
CENTRALIA, WA
CRP 2139



DESIGNER: S. ROWSWELL
DRAWN BY: S. ROWSWELL
APPROVED BY: J. BRANNIN
DATE: MARCH, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04 TC-01
DRAWING NO: TC-03
SHEET NO: 80 OF 88

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



NOTES:





1. CONTROLS SHOWN ARE FOR PEDESTRIAN TRAFFIC ONLY.
2. A 60" PATH WIDTH SHOULD BE MAINTAINED (48" IS MINIMUM).
3. CONTACT AND COORDINATE IMPACTED TRANSIT AGENCIES PRIOR TO IMPLEMENTING ANY CLOSURES.
4. TEMPORARY PEDESTRIAN RAMP DETAIL SEE SHEET TC-05.
5. ADA PEDESTRIAN FACILITIES MUST BE MAINTAINED. SEE WSDIT STANDARD SPECIFICATION 1-10.2(1)B.
6. TEMPORARY PEDESTRIAN PUSH BUTTON SHALL BE PLACED ON THE DIVERTED PATH WHEN EXISTING BUTTONS ARE NOT ACCESSIBLE TO PEDESTRIANS.

SIDEWALK DIVERSION

SIDEWALK DETOUR

INTERSECTION PEDESTRIAN TRAFFIC CONTROL
NOT TO SCALE

LEGEND

-  TEMPORARY SIGN LOCATION
-  CHANNELIZING DEVICES
-  PEDESTRIAN CHANNELIZING DEVICES
-  TEMPORARY PEDESTRIAN RAMP FOR SIDEWALKS

NO
PARKING

R8-3 (18" X 24") R/W
INSTALL ON TYPE 2 BARRICADES THROUGHOUT THE WORK AREA 24 HOURS PRIOR TO IMPLEMENTING TRAFFIC CONTROL. PRIOR NOTIFICATION OF LOCAL LAW ENFORCEMENT REQUIRED.

REVISIONS	DATE	BY


SCJ ALLIANCE
CONSULTING SERVICES

212 N TOWER AVE, CENTRALIA, WA 98531
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SCJALLIANCE.COM

SHEET TITLE: **PEDESTRIAN TRAFFIC CONTROL PLAN**

PROJECT NAME: **BORST AVENUE**
CENTRALIA, WA

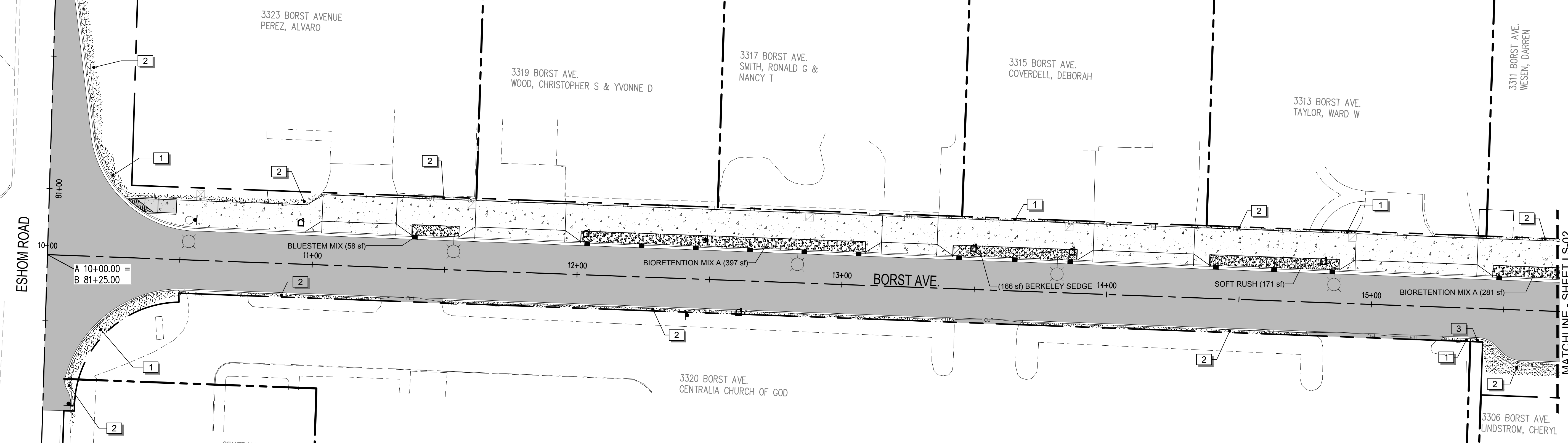
CRP 2139



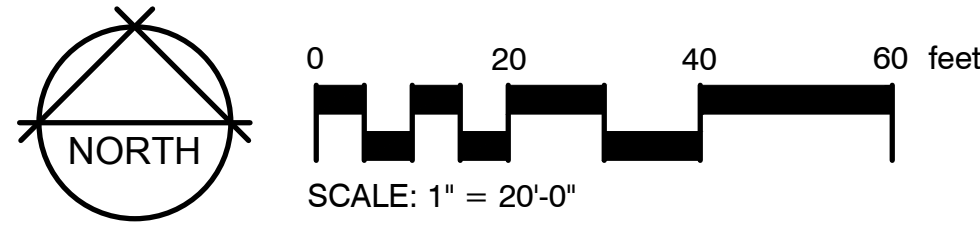
DESIGNER:	S. ROWSWELL
DRAWN BY:	S. ROWSWELL
APPROVED BY:	J. BRANNIN
DATE:	MARCH, 2019
JOB NO:	0635.04
DRAWING FILE NO:	0635.04 TC-01
DRAWING NO:	TC-04
SHEET NO:	81 OF 88

Apr 09, 2019 9:17:42am - User: path.brannin
N:\PROJECTS\0635 LEWIS COUNTY\0635.04 LEWIS COUNTY BORST AVENUE IMPROVEMENT\CADD\0635.04 TC-01.DWG

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



1 LANDSCAPE PLAN - VIEW 1
SCALE: 1" = 20'-0"



LANDSCAPE NOTES

- Refer to details and Special Provisions for additional information.
- Chemically kill and remove from site all existing weeds and vegetation not shown to remain on plans.
- Distribute imported sandy Topsoil Type A in areas shown and at depths indicated for crowning and berming of landscape areas. All landscape areas shall receive topsoil, whether indicated on plans or not, so that finish grades of all shrub beds shall be 2" below tops of adjacent curbs and pavement, and lawn areas shall be 1/2" below tops of adjacent curbs and pavement. Dispose of excavated material off site.
- Fine grade all landscape beds prior to planting operations.
- Soil amendment for soil preparation and planting backfill shall be a screened 5/8" minus nitrified wood residual compost equal to:
 - "Silver Springs Top Grade Compost" brand compost as available from Corliss Resources Lake Tapps, WA (253) 279-9102.
 - "Cedar Grove Compost" brand compost as available from Cedar Grove Compost, Maple Valley, WA (877) 764-5748.
 - PREP/LRI compost as available from Randles Sand and Gravel, Inc., Puyallup, WA (253) 537-6828.
- Soil Preparation - (all landscape areas). Spread 9 c.y. of specified soil amendment per 1000 s.f. (approx. 3" depth) of area. Spread 100 lbs./1000 s.f. of dolomite lime (in lawn areas only), 150 lbs./1000 s.f. of Agricultural Gypsum and 15 lbs./1000 s.f. of 16-8-8 commercial fertilizer over soil amendment. Roto-till all of the above to a 6"-8" depth and grade smooth, compacting as required and removing all rocks, clods and debris.
- All trees in lawn areas shall be planted in a 3' diameter circle of bed mulch.
- All shrub and ground cover beds shall receive a 2" depth (6 c.y. per 1000 s.f.) of "Fine Grind" hem/fir bark mulch as top dressing.
- Apply a granular pre-emergent herbicide to all shrub and groundcover beds at the conclusion of the maintenance period. Do not use Casoron or Norasac Brands.
- Plant list quantities are shown for reference only. Contractor is responsible for verifying all quantities in list with actual plan call-outs, and installing plantings per the landscape plan. Groundcover and/or mass shrub quantities shall be adjusted as required for field conditions at the specified spacing.

CONCEPT PLANT SCHEDULE (FOR ALL SHEETS)

	BIORETENTION MIX A (PLANT IN LIKE GROUPS OF 5-9) ANDROPOGON SCOPARIUS 'PRAIRIE BLUES' / LITTLE BLUE STEM ARABIS CAUCASICA / ROCKCRESS CAMASSIA QUAMASH / SMALL CAMAS CAREX DIVULSA / BERKELEY SEDGE CAREX OSHIMENSIS 'EVERILLO' / EVERILLO JAPANESE SEDGE ERIOGONUM UMBELLATUM VAR. POLYANTHUM / SHASTA SULFUR BUCKWHEAT JUNCUS EFFUSUS / SOFT RUSH PENSTEMON FRUTICOSUS 'PURPLE HAZE' / SHRUBBY PENSTEMON	5,658 SF			
	BLUESTEM MIX ANDROPOGON SCOPARIUS 'PRAIRIE BLUES' / LITTLE BLUE STEM CAMASSIA QUAMASH / SMALL CAMAS	1,686 SF			
	BERKELEY SEDGE CAREX DIVULSA / BERKELEY SEDGE	1,861 SF			
	SOFT RUSH JUNCUS EFFUSUS / SOFT RUSH	1,344 SF			
		954	1 GAL	85% @ 15" oc	
		468	4"POT	15% @ 9" oc	
		494	1 GAL	24" oc	
		350	1 GAL	24" oc	

REFERENCE NOTES SCHEDULE (FOR ALL SHEETS)

SYMBOL	DESCRIPTION	QTY	DETAIL
	EX. PLANTING BED: PRESERVE & PROTECT EXISTING PLANTINGS & RESTORE DISTURBED AREAS. INSTALL NEW BARK MULCH & FINE GRADE TO MATCH EXISTING. (PAID AS BARK OR WOOD CHIP MULCH)	4,168 SF (463 S.Y.)	
	EX. LAWN. REPAIR DISTURBED AREAS. FINE GRADE TO MATCH EXISTING & RE-SEED AS SPECIFIED. (PAID AS SEEDING AND FERTILIZING)	11,542 SF (0.26 AC)	4/LS-06
	EX. DECORATIVE ROCK MULCH. REPAIR DISTURBED AREAS. INSTALL 4" DEPTH OF NEW 2" MINUS RAINBOW ROCK TO MATCH EXISTING. FINE GRADE TO MATCH EXISTING. (PAID AS RAINBOW ROCK)	289 SF (3.5 C.Y.)	
	EX. CRUSHED ROCK. REPAIR DISTURBED AREAS. INSTALL 4" DEPTH CRUSHED SURFACE TOP COURSE TO MATCH EXISTING. FINE GRADE TO MATCH. (PAID AS CRUSHED SFACE TOP COURSE)	457 SF (10 TON)	
	EX. ROCK. INSTALL QUARRY SPALLS TO MATCH (PAID AS QUARRY SPALLS)	326 SF (10 TON)	

REVISIONS	DATE	BY

SCJ ALLIANCE
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LANDSCAPE PLAN
BORST AVENUE
CENTRALIA, WA

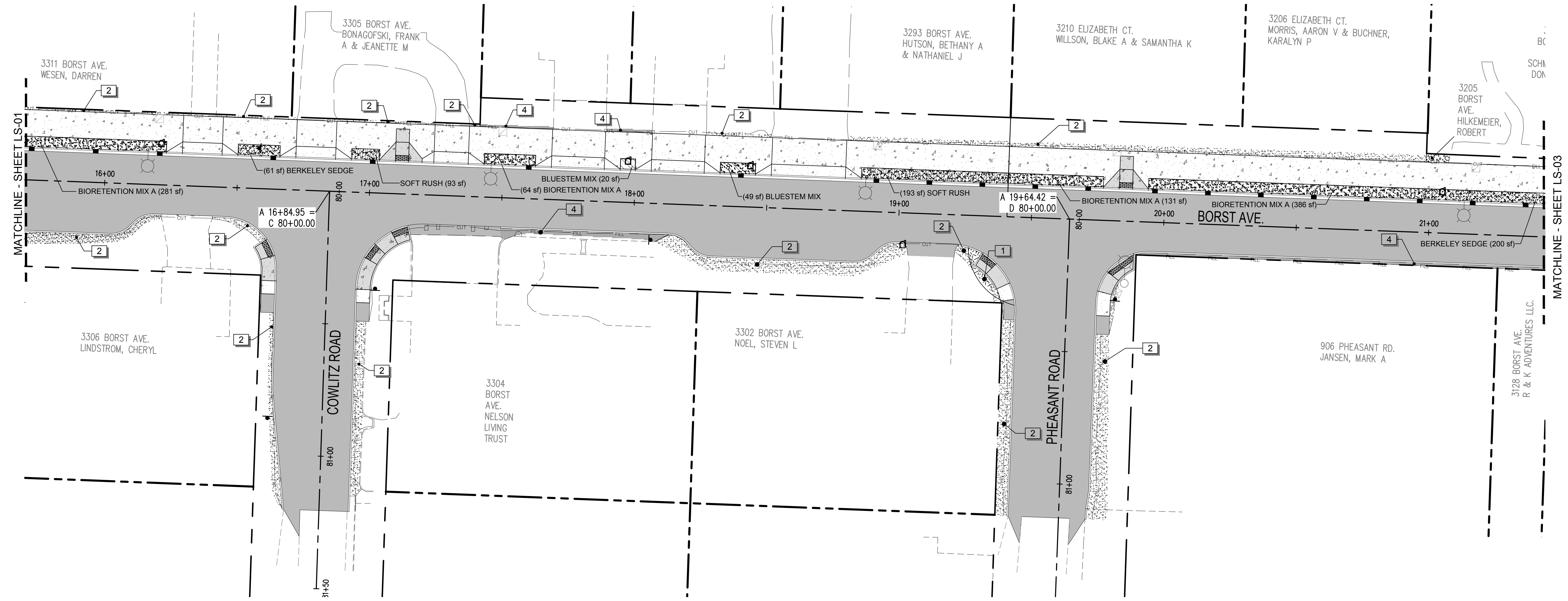
SHEET TITLE: LANDSCAPE PLAN
PROJECT NAME: BORST AVENUE
CENTRALIA, WA
CRP 2139

SEAL: STATE OF WASHINGTON
L. G. GLENDEN
REGISTERED LANDSCAPE ARCHITECT
405 EXP. 02/06/21

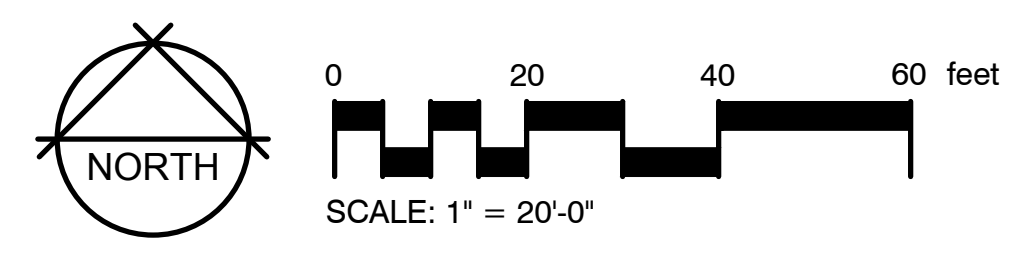
DESIGNER: A. VOS
DRAWN BY: A. VOS
APPROVED BY: J. GLANDER
DATE: APRIL, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04_X-LS
DRAWING NO: LS-01
SHEET NO: 83 OF 88

Apr 08, 2019 4:06:07pm - User: angie.wos
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SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



2 LANDSCAPE PLAN - VIEW 2
SCALE: 1" = 20'-0"



CONCEPT PLANT SCHEDULE (FOR ALL SHEETS)

SYMBOL	DESCRIPTION	QTY	DETAIL
[Pattern]	BIORETENTION MIX A (PLANT IN LIKE GROUPS OF 5-9) ANDROPOGON SCOPARIUS 'PRAIRIE BLUES' / LITTLE BLUE STEM ARABIS CAUCASICA / ROCKCRESS CAMASSIA QUAMASH / SMALL CAMAS CAREX DIVULSA / BERKELEY SEDGE CAREX OSHIMENSIS 'EVERILLO' / EVERILLO JAPANESE SEDGE ERIOGONUM UMBELLATUM VAR. POLYANTHUM / SHASTA SULFUR BUCKWHEAT JUNCUS EFFUSUS / SOFT RUSH PENSTEMON FRUTICOSUS 'PURPLE HAZE' / SHRUBBY PENSTEMON	5,658 SF	
[Pattern]	BLUESTEM MIX ANDROPOGON SCOPARIUS 'PRAIRIE BLUES' / LITTLE BLUE STEM CAMASSIA QUAMASH / SMALL CAMAS	1,686 SF	
[Pattern]	BERKELEY SEDGE CAREX DIVULSA / BERKELEY SEDGE	1,861 SF	
[Pattern]	SOFT RUSH JUNCUS EFFUSUS / SOFT RUSH	1,344 SF	

REFERENCE NOTES SCHEDULE (FOR ALL SHEETS)

SYMBOL	DESCRIPTION	QTY	DETAIL
[Pattern]	1 EX. PLANTING BED: PRESERVE & PROTECT EXISTING PLANTINGS & RESTORE DISTURBED AREAS. INSTALL NEW BARK MULCH & FINE GRADE TO MATCH EXISTING. (PAID AS BARK OR WOOD CHIP MULCH)	4,168 SF (463 S.Y.)	
[Pattern]	2 EX. LAWN: REPAIR DISTURBED AREAS. FINE GRADE TO MATCH EXISTING & RE-SEED AS SPECIFIED. (PAID AS SEEDING AND FERTILIZING)	11,542 SF (0.26 AC)	4/LS-06
[Pattern]	3 EX. DECORATIVE ROCK MULCH: REPAIR DISTURBED AREAS. INSTALL 4" DEPTH OF NEW 2" MINUS RAINBOW ROCK TO MATCH EXISTING. FINE GRADE TO MATCH EXISTING. PAID AS RAINBOW ROCK	289 SF (3.5 C.Y.)	
[Pattern]	4 EX. CRUSHED ROCK: REPAIR DISTURBED AREAS. INSTALL 4" DEPTH CRUSHED SURFACE TOP COURSE TO MATCH EXISTING. FINE GRADE TO MATCH. (PAID AS CRUSHED SRFACE TOP COURSE)	457 SF (10 TON)	
[Pattern]	5 EX. ROCK: INSTALL QUARRY SPALLS TO MATCH (PAID AS QUARRY SPALLS)	326 SF (10 TON)	

REVISIONS	DATE	BY

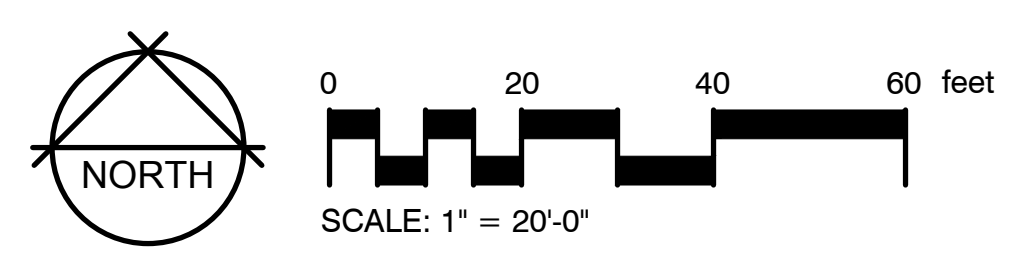
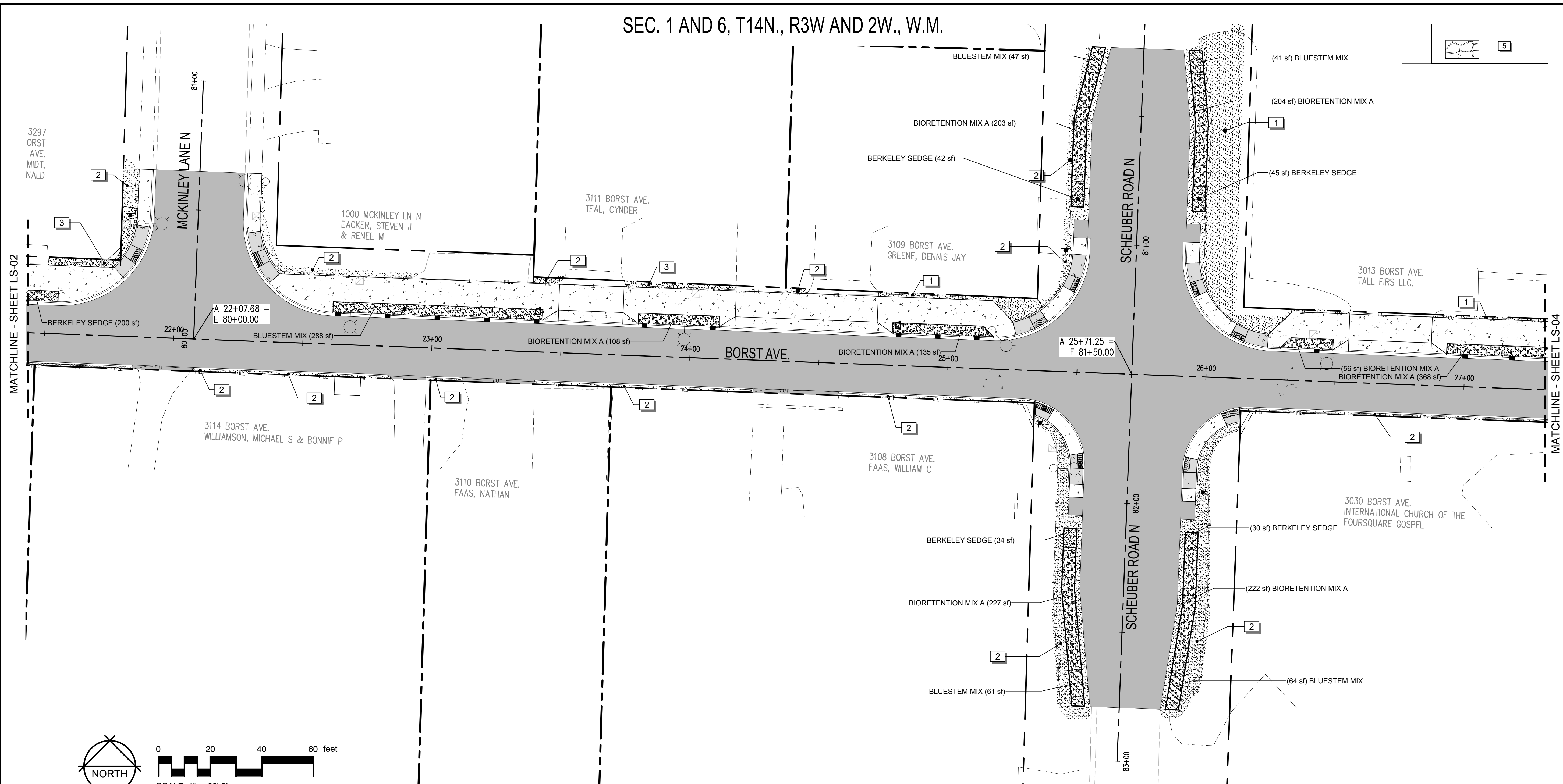
SCJ ALLIANCE
CONSULTING SERVICES
212 N TOWER AVE. CENTRALIA, WA 98531
P: 360.669.0700 F: 360.852.1509
SCJALLIANCE.COM

SHEET TITLE: LANDSCAPE PLAN
PROJECT NAME: BORST AVENUE
CENTRALIA, WA
CRP 2139

DESIGNER: A. VOS
DRAWN BY: A. VOS
APPROVED BY: J. GLANDER
DATE: APRIL, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04_X-LS
DRAWING NO: LS-02
SHEET NO: 84 OF 88

Apr 08, 2019 4:06:09pm - User: angie.wos
 C:\USERS\ANGIE.WOS\APPDATA\LOCAL\TEMP\ACDPUB\LSL_01532_0635.04_X-LS.DWG

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



3 LANDSCAPE PLAN - VIEW 3
SCALE: 1" = 20'-0"

CONCEPT PLANT SCHEDULE (FOR ALL SHEETS)

SYMBOL	DESCRIPTION	QTY	DETAIL
[Pattern]	BIORETENTION MIX A (PLANT IN LIKE GROUPS OF 5-9) ANDROPOGON SCOPARIUS 'PRAIRIE BLUES' / LITTLE BLUE STEM ARABIS CAUCASICA / ROCKCRESS CAMASSIA QUAMASH / SMALL CAMAS CAREX DIVULSA / BERKELEY SEDGE CAREX OSHIMENSIS 'EVERILLO' / EVERILLO JAPANESE SEDGE ERIOGONUM UMBELLATUM VAR. POLYANTHUM / SHASTA SULFUR BUCKWHEAT JUNCUS EFFUSUS / SOFT RUSH PENSTEMON FRUTICOSUS 'PURPLE HAZE' / SHRUBBY PENSTEMON	5,658 SF	
[Pattern]	BLUESTEM MIX ANDROPOGON SCOPARIUS 'PRAIRIE BLUES' / LITTLE BLUE STEM CAMASSIA QUAMASH / SMALL CAMAS	1,686 SF	
[Pattern]	BERKELEY SEDGE CAREX DIVULSA / BERKELEY SEDGE	1,861 SF	
[Pattern]	SOFT RUSH JUNCUS EFFUSUS / SOFT RUSH	1,344 SF	

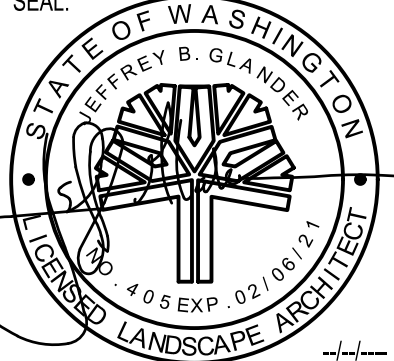
REFERENCE NOTES SCHEDULE (FOR ALL SHEETS)

SYMBOL	DESCRIPTION	QTY	DETAIL
[Pattern]	EX. PLANTING BED: PRESERVE & PROTECT EXISTING PLANTINGS & RESTORE DISTURBED AREAS. INSTALL NEW BARK MULCH & FINE GRADE TO MATCH EXISTING. (PAID AS BARK OR WOOD CHIP MULCH)	4,168 SF (463 S.Y.)	
[Pattern]	EX. LAWN: REPAIR DISTURBED AREAS. FINE GRADE TO MATCH EXISTING & RE-SEED AS SPECIFIED. (PAID AS SEEDING AND FERTILIZING)	11,542 SF (0.26 AC)	4/LS-06
[Pattern]	EX. DECORATIVE ROCK MULCH: REPAIR DISTURBED AREAS. INSTALL 4" DEPTH OF NEW 2" MINUS RAINBOW ROCK TO MATCH EXISTING. FINE GRADE TO MATCH EXISTING. (PAID AS RAINBOW ROCK)	289 SF (3.5 C.Y.)	
[Pattern]	EX. CRUSHED ROCK: REPAIR DISTURBED AREAS. INSTALL 4" DEPTH CRUSHED SURFACE TOP COURSE TO MATCH EXISTING. FINE GRADE TO MATCH. (PAID AS CRUSHED SURFACE TOP COURSE)	457 SF (10 TON)	
[Pattern]	EX. ROCK: INSTALL QUARRY SPALLS TO MATCH (PAID AS QUARRY SPALLS)	326 SF (10 TON)	

REVISIONS	DATE	BY

SCJ ALLIANCE
CONSULTING SERVICES
212 N TOWER AVE. CENTRALIA, WA 98531
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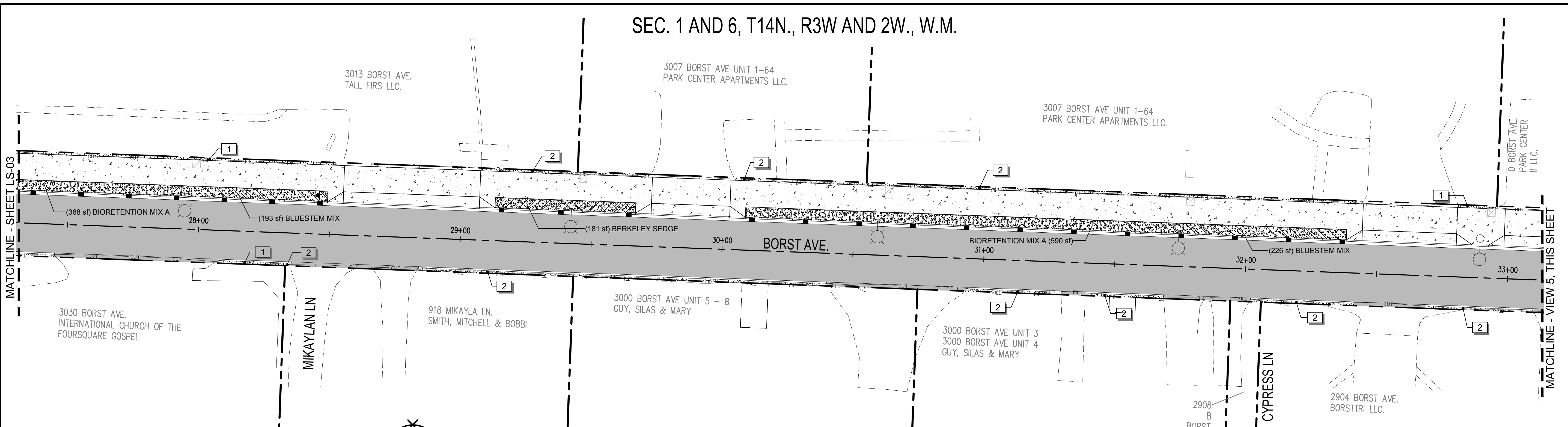
SHEET TITLE: LANDSCAPE PLAN
PROJECT NAME: BORST AVENUE
CENTRALIA, WA
CRP 2139



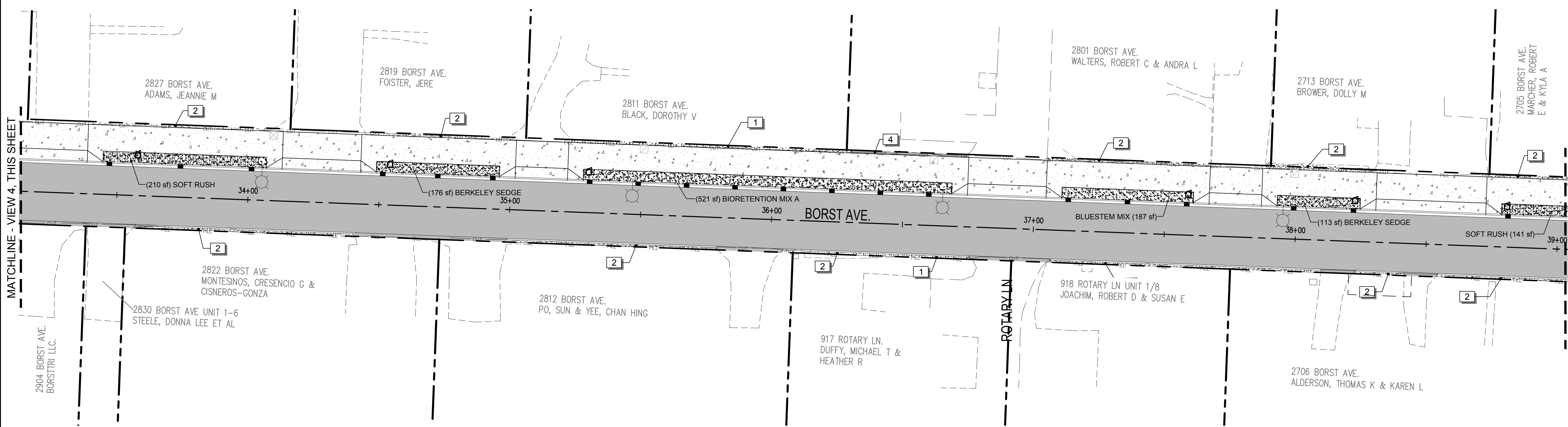
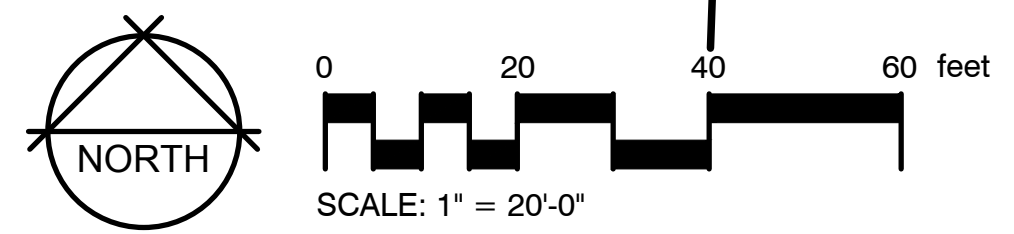
DESIGNER: A. VOS
DRAWN BY: A. VOS
APPROVED BY: J. GLANDER
DATE: APRIL, 2019
JOB NO: 0635.04
DRAWING FILE NO: 0635.04_X-LS
DRAWING NO: LS-03
SHEET NO: 85 OF 88

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SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



4 LANDSCAPE PLAN - VIEW 4
SCALE: 1" = 20'-0"



5 LANDSCAPE PLAN - VIEW 5
SCALE: 1" = 20'-0"

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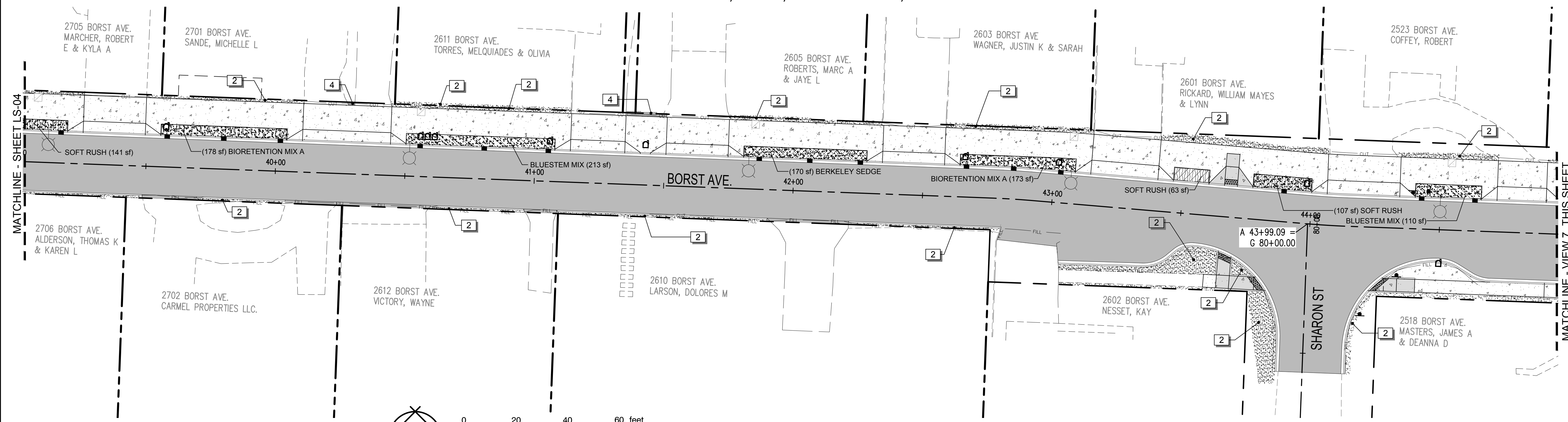
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PROJECT NAME: BORST AVENUE
CENTRALIA, WA
CRP 2139



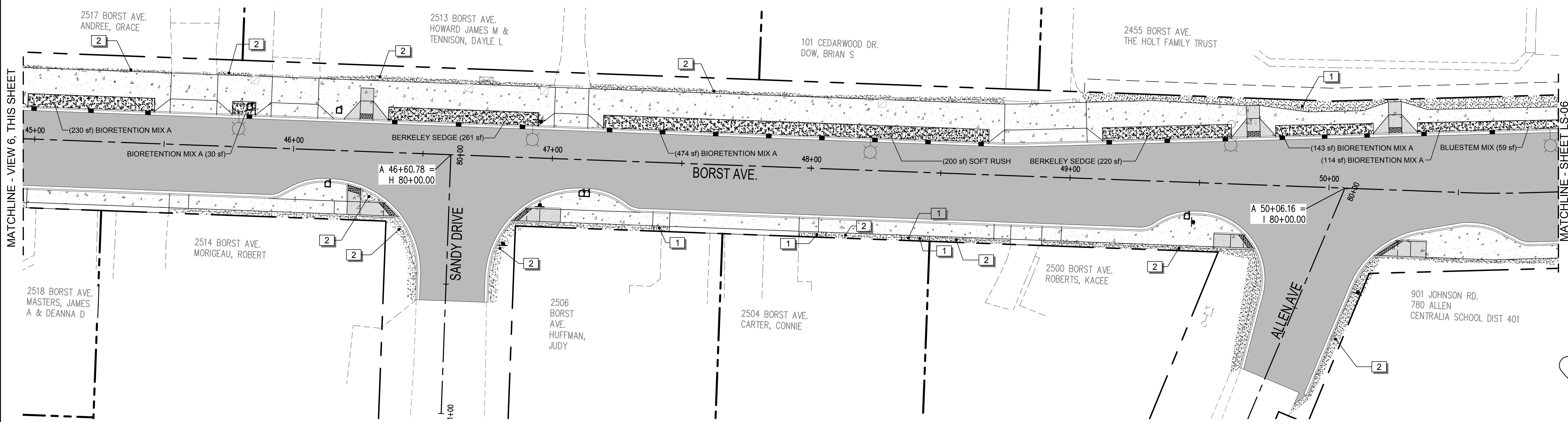
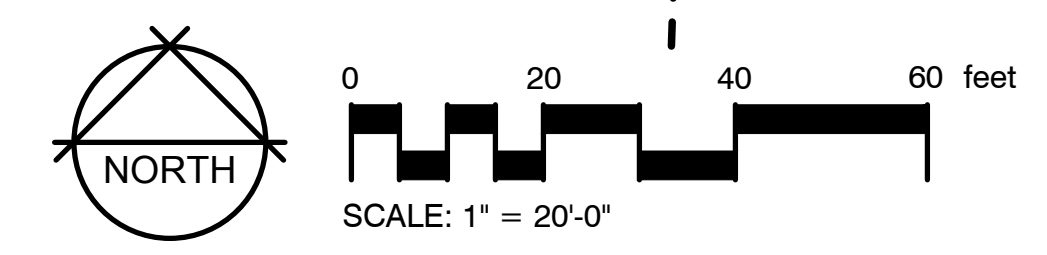
DESIGNER:	A. VOS
DRAWN BY:	DRAWN BY
APPROVED BY:	J. GLANDER
DATE:	APRIL, 2019
JOB NO:	0635.04
DRAWING FILE NO:	0635.04_X-LS
DRAWING NO:	LS-04
SHEET NO:	86 OF 88

Apr 08, 2019 4:06:10pm - User: angie.wos
 C:\USERS\ANGIE.WOS\APPDATA\LOCAL\TEMP\ACDPUB\LS-04_0635.04_X-LS.DWG

SEC. 1 AND 6, T14N., R3W AND 2W., W.M.



6 LANDSCAPE PLAN - VIEW 6
SCALE: 1" = 20'-0"

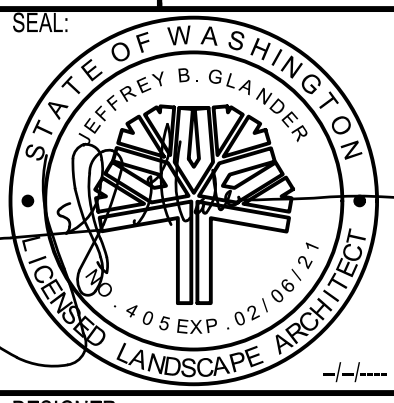


7 LANDSCAPE PLAN - VIEW 7
SCALE: 1" = 20'-0"

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212 N TOWER AVE. CENTRALIA, WA 98531
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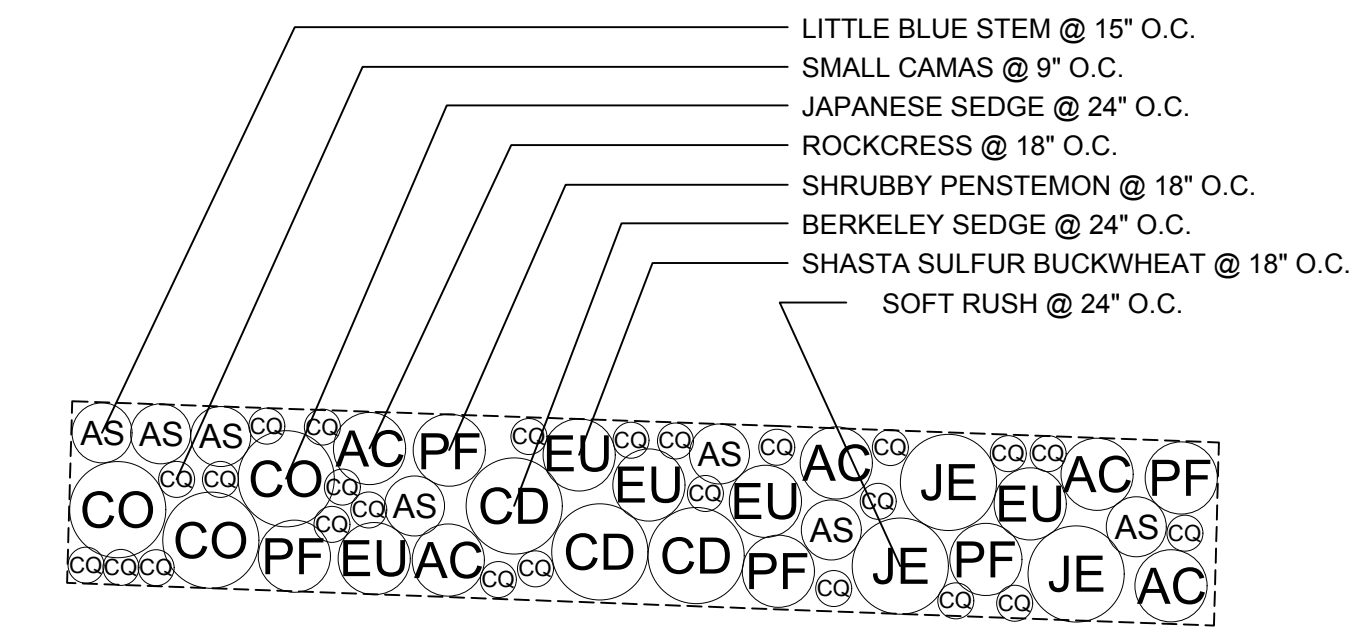
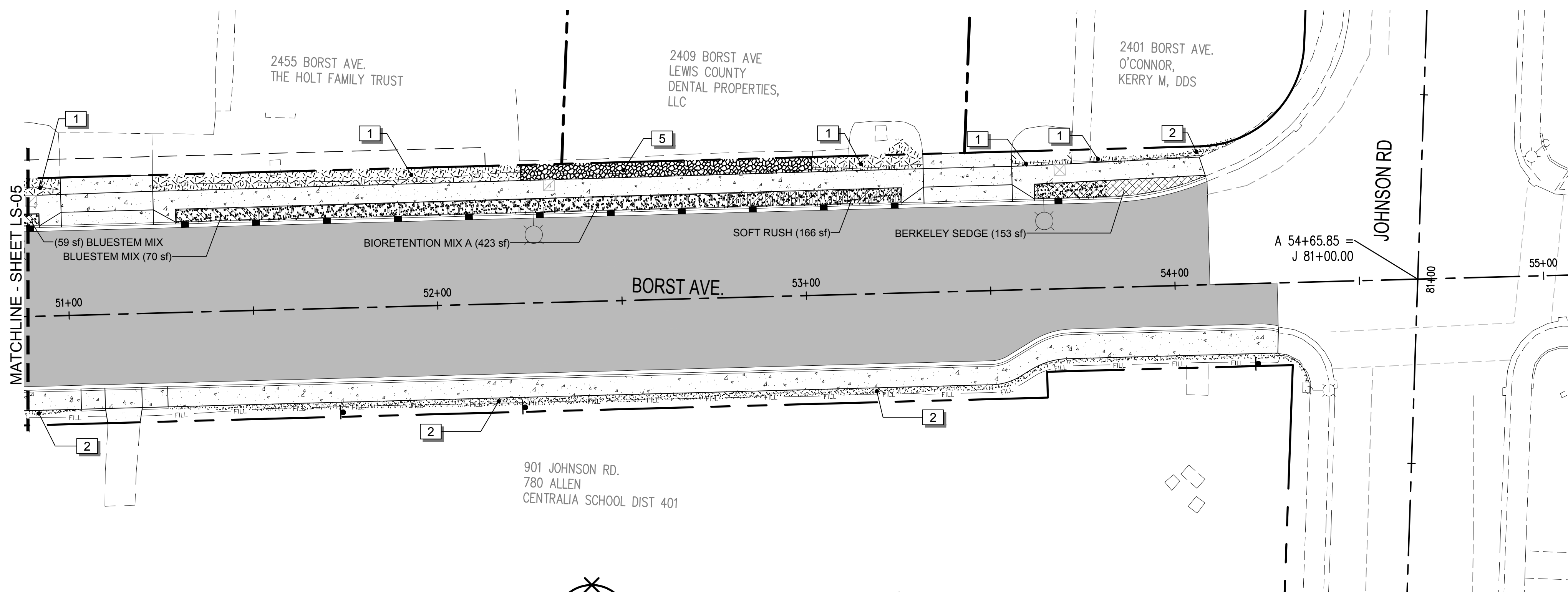
LANDSCAPE PLAN
BORST AVENUE
CENTRALIA, WA
PROJECT NAME
CRP 2139



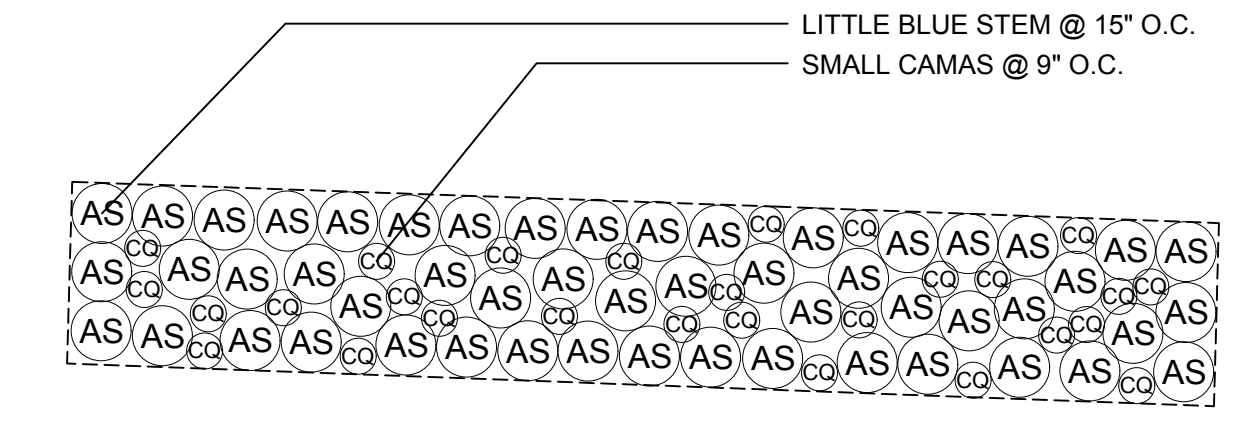
DESIGNER:	A. VOS
DRAWN BY:	A. VOS
APPROVED BY:	J. GLANDER
DATE:	APRIL, 2019
JOB NO.:	0635.04
DRAWING FILE NO.:	0635.04_X-LS
DRAWING NO.:	LS-05
SHEET NO.:	87 OF 88

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SEC. 1 AND 6, T14N., R3W AND 2W., W.M.

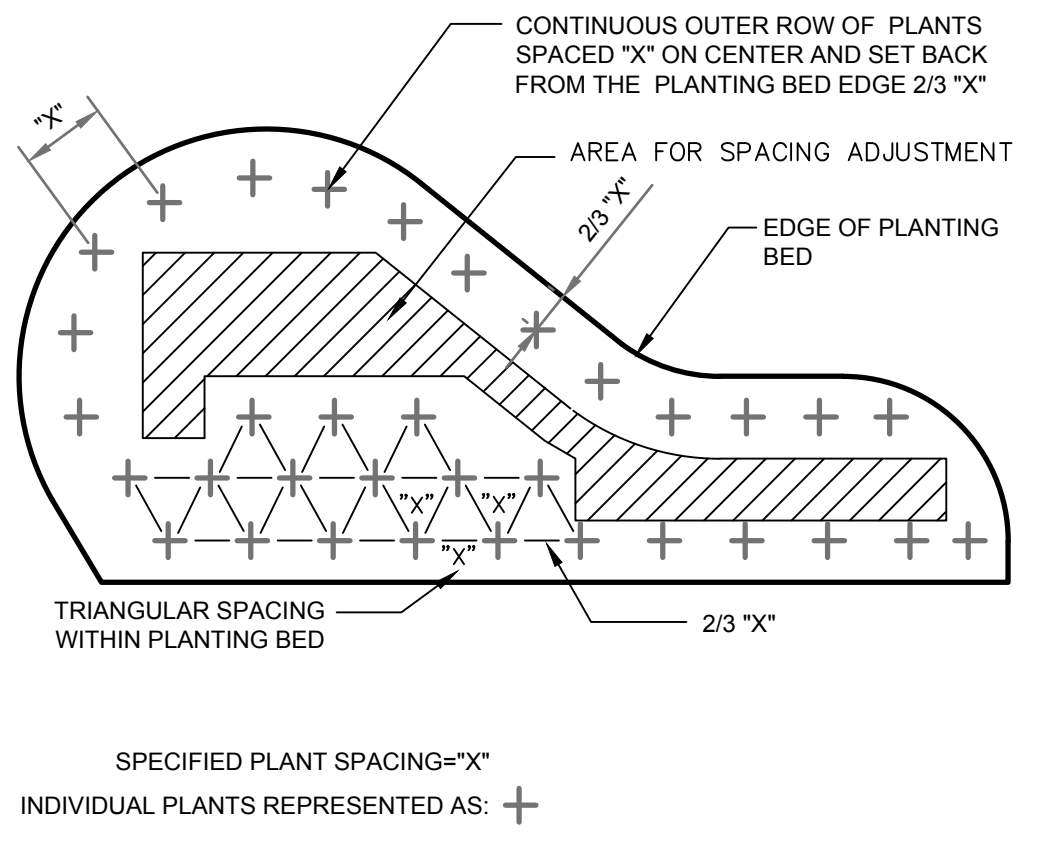
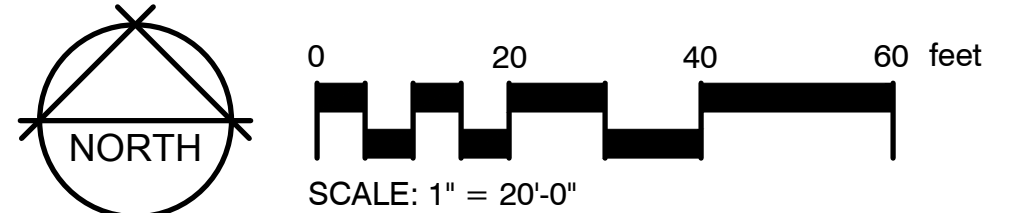


SCHEMATIC LAYOUT - BIORETENTION MIX A

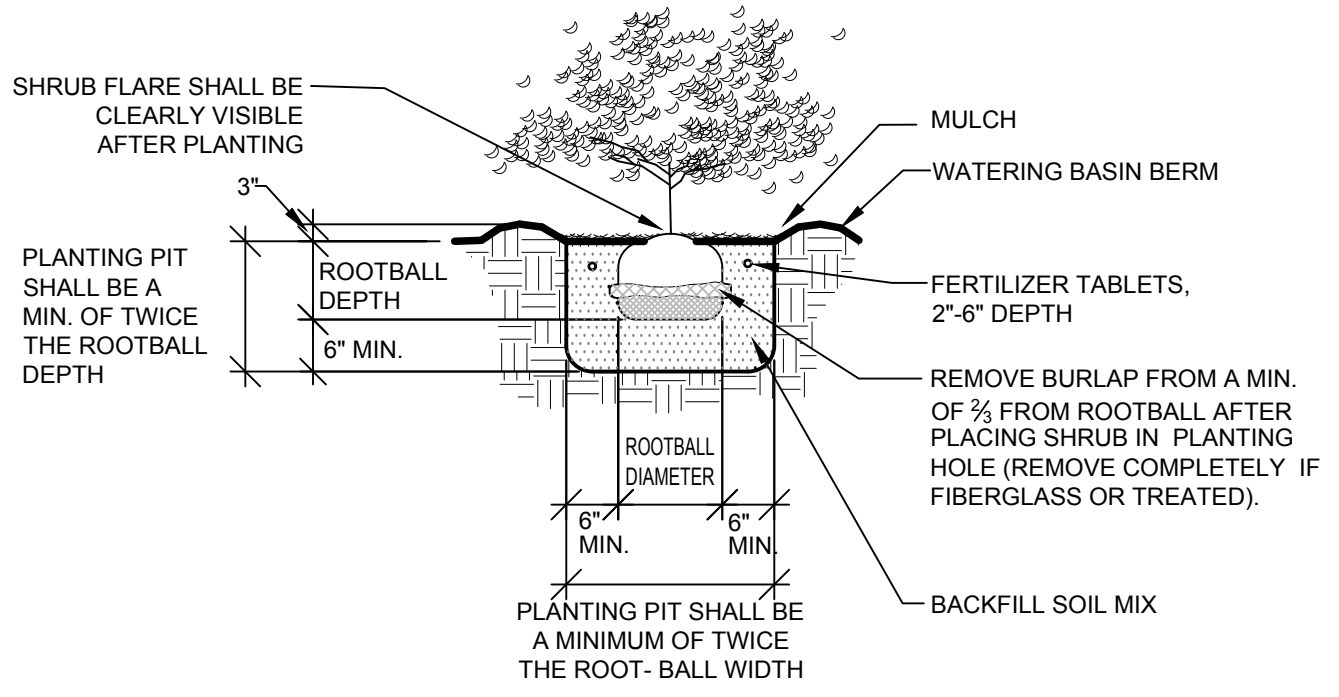


SCHEMATIC LAYOUT - BLUESTEM MIX

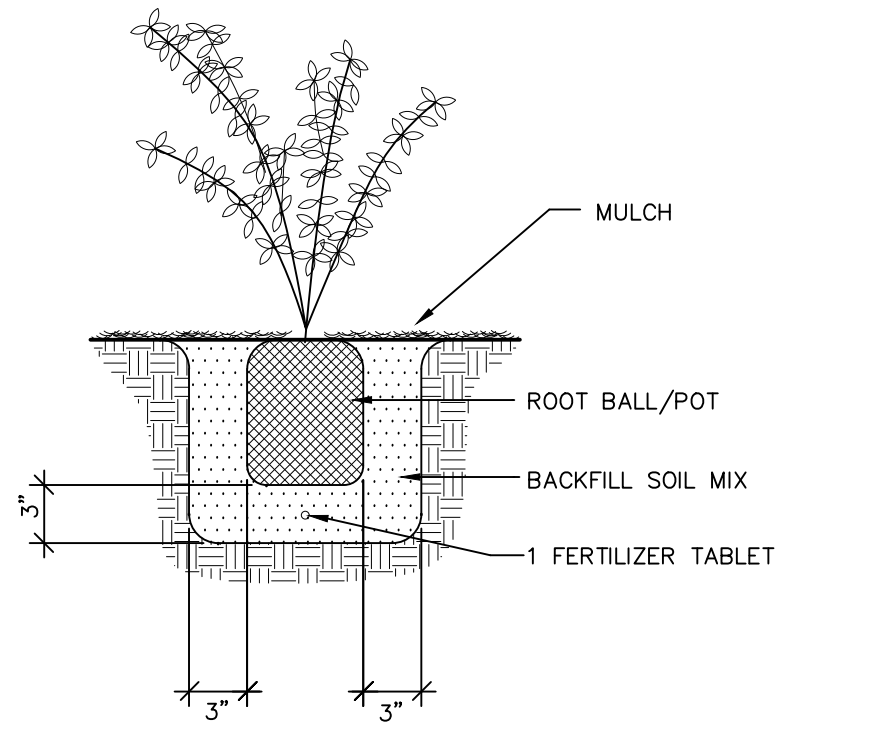
8 LANDSCAPE PLAN - VIEW 8
SCALE: 1" = 20'-0"



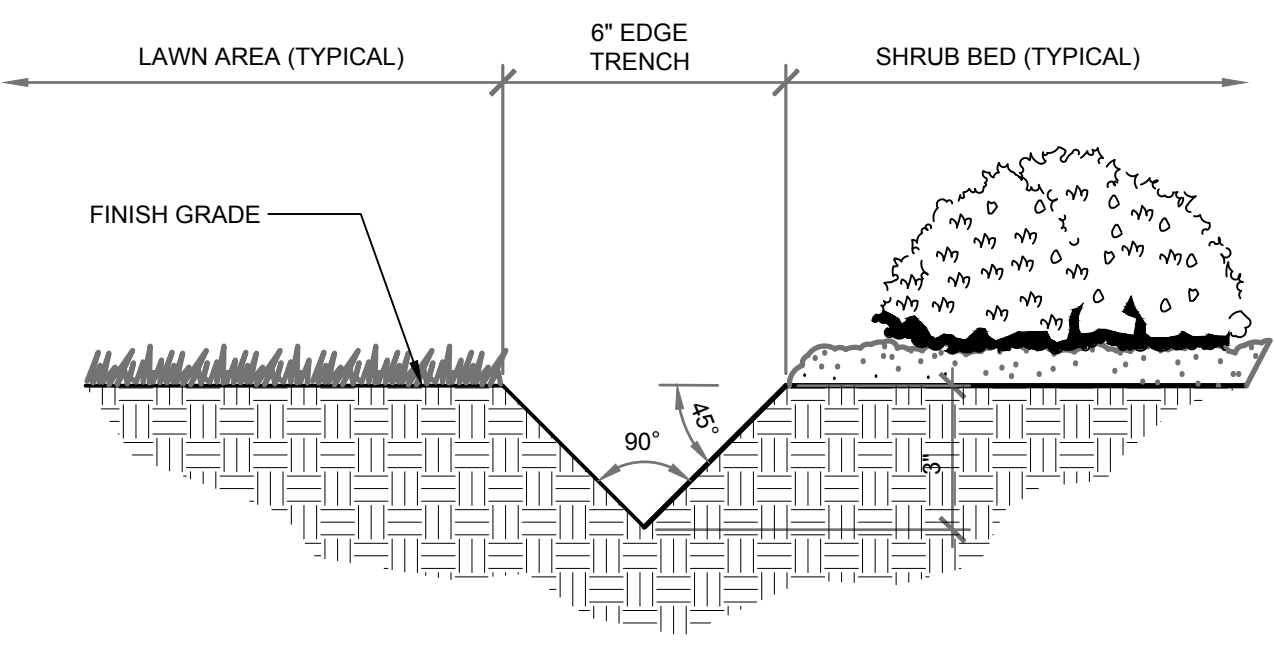
1 PLANT SPACING DETAIL
NTS P-RO-BOR-01



2 SHRUB PLANTING DETAIL (B&B OR CONT.)
NTS P-RO-BOR-04



3 GROUNDCOVER PLANTING DETAIL
(2" & 4" POTS) 1" = 1" P-RO-BOR-43



4 LAWN EDGE DETAIL
3" = 1'-0" P-RO-BOR-15

CONCEPT PLANT SCHEDULE (FOR ALL SHEETS)

SYMBOL	DESCRIPTION	QTY	DETAIL
[Pattern]	BIORETENTION MIX A (PLANT IN LIKE GROUPS OF 5-9) ANDROPOGON SCOPARIUS 'PRAIRIE BLUES' / LITTLE BLUE STEM ARABIS CAUCASICA / ROCKCRESS CAMASSIA QUAMASH / SMALL CAMAS CAREX DIVULSA / BERKELEY SEDGE ERIOGONUM UMBELLATUM VAR. POLYANTHUM / SHASTA SULFUR BUCKWHEAT JUNCUS EFFUSUS / SOFT RUSH PENSTEMON FRUTICOSUS 'PURPLE HAZE' / SHRUBBY PENSTEMON	5,658 SF 471 327 1,526 184 215 327 184 327	1 GAL 12% @ 15" oc 1 GAL 12% @ 18" oc 4"POT 14% @ 9" oc 1 GAL 12% @ 24" oc 1 GAL 14% @ 24" oc 1 GAL 12% @ 18" oc 1 GAL 12% @ 24" oc 1 GAL 12% @ 18" oc
[Pattern]	BLUESTEM MIX ANDROPOGON SCOPARIUS 'PRAIRIE BLUES' / LITTLE BLUE STEM CAMASSIA QUAMASH / SMALL CAMAS	1,686 SF 954 468	1 GAL 85% @ 15" oc 4"POT 15% @ 9" oc
[Pattern]	BERKELEY SEDGE CAREX DIVULSA / BERKELEY SEDGE	1,861 SF 494	1 GAL 24" oc
[Pattern]	SOFT RUSH JUNCUS EFFUSUS / SOFT RUSH	1,344 SF 350	1 GAL 24" oc

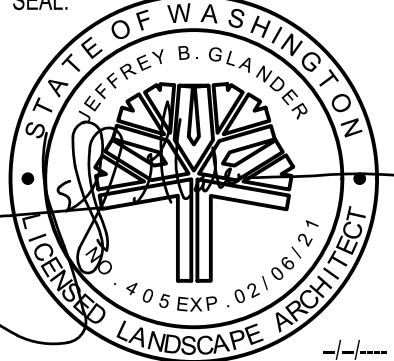
REFERENCE NOTES SCHEDULE (FOR ALL SHEETS)

SYMBOL	DESCRIPTION	QTY	DETAIL
[Pattern]	1 EX. PLANTING BED: PRESERVE & PROTECT EXISTING PLANTINGS & RESTORE DISTURBED AREAS. INSTALL NEW BARK MULCH & FINE GRADE TO MATCH EXISTING. (PAID AS BARK OR WOOD CHIP MULCH)	4,168 SF (463 S.Y.)	
[Pattern]	2 EX. LAWN. REPAIR DISTURBED AREAS. FINE GRADE TO MATCH EXISTING & RE-SEED AS SPECIFIED. (PAID AS SEEDING AND FERTILIZING)	11,542 SF (0.26 AC)	4/LS-06
[Pattern]	3 EX. DECORATIVE ROCK MULCH. REPAIR DISTURBED AREAS, INSTALL 4" DEPTH OF NEW 2" MINUS RAINBOW ROCK TO MATCH EXISTING. FINE GRADE TO MATCH EXISTING. (PAID AS RAINBOW ROCK)	289 SF (3.5 C.Y.)	
[Pattern]	4 EX. CRUSHED ROCK. REPAIR DISTURBED AREAS. INSTALL 4" DEPTH CRUSHED SURFACE TOP COURSE TO MATCH EXISTING. FINE GRADE TO MATCH. (PAID AS CRUSHED SRFACE TOP COURSE)	457 SF (10 TON)	
[Pattern]	5 EX. ROCK. INSTALL QUARRY SPALLS TO MATCH (PAID AS QUARRY SPALLS)	326 SF (10 TON)	

REVISIONS	DATE	BY

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LANDSCAPE PLAN
BORST AVENUE
CENTRALIA, WA
SHEET TITLE: PROJECT NAME:
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DESIGNER: A. VOS
DRAWN BY: A. VOS
APPROVED BY: J. GLANDER
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DRAWING NO: LS-06
SHEET NO: 88 OF 88

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