



SR 522 Bus Rapid Transit

APPENDIX A-1 Set 3

NE 145th Conceptual Engineering Plans



CONTRACT LOCATION MAP

SOUND TRANSIT BUS RAPID TRANSIT

AE 0055-17 SR 523 / NE 145TH BRT CONCEPTUAL DESIGN

**DRAFT 30% SUBMITTAL
10/09/20**



**DAVID EVANS
AND ASSOCIATES INC.**

14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

JACOBS

PREPARED BY:

CONTRACT PREPARED BY:

SUBMITTED BY: _____ DATE: _____

NAME: D. SCHOCK

TITLE: PROJECT MANAGER

REVIEWED BY: _____ DATE: _____

NAME: B. KEMPER

TITLE: CORRIDOR DESIGN MANAGER

THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL TRANSIT ADMINISTRATION UNDER THE URBAN MASS TRANSPORTATION ACT OF 1964, AS AMENDED, AND IN PART BY THE CENTRAL PUGET SOUND REGIONAL TRANSIT AUTHORITY DISTRICT OF WASHINGTON, AND THE STATE OF WASHINGTON

10/05/20 | 9:24 AM | RNMUNOZ
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INDEX OF DRAWINGS																	
SHT. No.	DWG. No.	REV	TITLE	SHT. No.	DWG. No.	REV	TITLE										
GENERAL SHEETS				SITE PREPARATION PLANS													
1	523-GZT101		COVER SHEET	47	523-CSP101		SITE PREPARATION PLAN STA. 0+00 TO STA. 2+25										
2	523-GZI101		INDEX OF DRAWINGS 1 OF 2	48	523-CSP102		SITE PREPARATION PLAN STA. 2+25 TO STA. 5+75										
3	523-GZI102		INDEX OF DRAWINGS 2 OF 2	49	523-CSP103		SITE PREPARATION PLAN STA. 5+75 TO STA. 9+75										
4	523-GZN101		GENERAL ABBREVIATIONS, SYMBOLS, AND NOTES	50	523-CSP106		SITE PREPARATION PLAN STA. 19+00 TO STA. 24+25										
5	523-GZK101		KEY PLAN	51	523-CSP107		SITE PREPARATION PLAN STA. 24+25 TO STA. 29+15										
RIGHT-OF-WAY PLANS				52	523-CSP108		SITE PREPARATION PLAN STA. 29+15 TO STA. 34+25										
6	523-RPP101		RIGHT-OF-WAY PLAN STA. 0+00 TO STA. 2+25	53	523-CSP115		SITE PREPARATION PLAN STA. 62+25 TO STA. 67+25										
7	523-RPP102		RIGHT-OF-WAY PLAN STA. 2+25 TO STA. 5+75	54	523-CSP118		SITE PREPARATION PLAN STA. 74+50 TO STA. 78+35										
8	523-RPP103		RIGHT-OF-WAY PLAN STA. 5+75 TO STA. 9+75	55	523-CSD101		SITE PREPARATION AND STAGE CONSTRUCTION PLAN DETAIL PLAN										
9	523-RPP104		RIGHT-OF-WAY PLAN STA. 9+75 TO STA. 14+25	PAVING PLANS													
10	523-RPP105		RIGHT-OF-WAY PLAN STA. 14+25 TO STA. 19+00	56	523-CPP101		PAVING PLAN STA. 0+00 TO STA. 2+25										
11	523-RPP106		RIGHT-OF-WAY PLAN STA. 19+00 TO STA. 24+25	57	523-CPP102		PAVING PLAN STA. 2+25 TO STA. 5+75										
12	523-RPP107		RIGHT-OF-WAY PLAN STA. 24+25 TO STA. 29+15	58	523-CPP103		PAVING PLAN STA. 5+75 TO STA. 9+75										
13	523-RPP108		RIGHT-OF-WAY PLAN STA. 29+15 TO STA. 34+25	59	523-CPP106		PAVING PLAN STA. 19+00 TO STA. 24+25										
14	523-RPP109		RIGHT-OF-WAY PLAN STA. 34+25 TO STA. 38+75	60	523-CPP107		PAVING PLAN STA. 24+25 TO STA. 29+15										
15	523-RPP110		RIGHT-OF-WAY PLAN STA. 38+75 TO STA. 43+75	61	523-CPP108		PAVING PLAN STA. 29+15 TO STA. 34+25										
16	523-RPP111		RIGHT-OF-WAY PLAN STA. 43+75 TO STA. 48+25	62	523-CPP115		PAVING PLAN STA. 62+25 TO STA. 67+25										
17	523-RPP112		RIGHT-OF-WAY PLAN STA. 48+25 TO STA. 52+75	63	523-CPP116		PAVING PLAN STA. 67+25 TO STA. 71+00										
18	523-RPP113		RIGHT-OF-WAY PLAN STA. 52+75 TO STA. 57+25	64	523-CPP117		PAVING PLAN STA. 71+00 TO STA. 74+50										
19	523-RPP114		RIGHT-OF-WAY PLAN STA. 57+25 TO STA. 62+25	65	523-CPP118		PAVING PLAN STA. 74+50 TO STA. 78+35										
20	523-RPP115		RIGHT-OF-WAY PLAN STA. 62+25 TO STA. 67+25	ROADWAY PLANS AND PROFILES													
21	523-RPP116		RIGHT-OF-WAY PLAN STA. 67+25 TO STA. 71+00	66	523-CRP101		6TH AVE NE PLAN AND PROFILE STA. 10+00 TO STA. 11+20										
22	523-RPP117		RIGHT-OF-WAY PLAN STA. 71+00 TO STA. 74+50	67	523-CRP102		8TH AVE NE PLAN AND PROFILE STA. 10+00 TO STA. 12+20										
23	523-RPP118		RIGHT-OF-WAY PLAN STA. 74+50 TO STA. 78+35	68	523-CRP103		15TH AVE NE PLAN AND PROFILE STA. 8+50 TO STA. 11+50										
ALIGNMENT PLANS				69	523-CRP104		17TH AVE NE PLAN AND PROFILE STA. 10+00 TO STA. 11+60										
24	523-CAP101		ALIGNMENT PLAN STA. 0+00 TO STA. 2+25	DRIVEWAY PLANS AND PROFILES													
25	523-CAP102		ALIGNMENT PLAN STA. 2+25 TO STA. 5+75	70	523-CRP105		DRIVEWAY PLAN AND PROFILES BRS-103 AND BRS-104 STA. 10+00 TO STA. 10+63.86										
26	523-CAP103		ALIGNMENT PLAN STA. 5+75 TO STA. 9+75	71	523-CRP106		DRIVEWAY PLAN AND PROFILE BRS-105 STA. 10+00 TO STA. 10+80										
27	523-CAP104		ALIGNMENT PLAN STA. 9+75 TO STA. 14+25	72	523-CRP107		DRIVEWAY PLAN AND PROFILES BRS-106 AND BRS-107 STA. 10+00 TO STA. 10+76										
28	523-CAP105		ALIGNMENT PLAN STA. 14+25 TO STA. 19+00	73	523-CRP108		DRIVEWAY PLAN AND PROFILES BRS-108-S, BRS-108-N & BRS-109										
29	523-CAP106		ALIGNMENT PLAN STA. 19+00 TO STA. 24+25	74	523-CRP109		DRIVEWAY PLAN AND PROFILES BRS-111 AND BRS-123 STA. 10+00 TO STA. 10+60										
30	523-CAP107		ALIGNMENT PLAN STA. 24+25 TO STA. 29+15	75	523-CRP110		DRIVEWAY PLAN AND PROFILES BRS-124 AND BRS-126 STA. 10+00 TO STA. 10+70										
31	523-CAP108		ALIGNMENT PLAN STA. 29+15 TO STA. 34+25	76	523-CRP111		DRIVEWAY PLAN AND PROFILES BRS-128 AND BRS-311 STA. 10+00 TO STA. 11+07.02										
32	523-CAP109		ALIGNMENT PLAN STA. 34+25 TO STA. 38+75	77	523-CRP112		DRIVEWAY PLAN AND PROFILES BRS-130-W, BRS-130 W-E STA. 10+00 TO STA. 10+95.74										
33	523-CAP110		ALIGNMENT PLAN STA. 38+75 TO STA. 43+75	78	523-CRP113		DRIVEWAY PLAN AND PROFILES BRS-132 AND BRS-134-W STA. 10+00 TO STA. 10+88										
34	523-CAP111		ALIGNMENT PLAN STA. 43+75 TO STA. 48+25	79	523-CRP114		DRIVEWAY PLAN AND PROFILES BRS-133-W, BRS-133-E & BRS-135										
35	523-CAP112		ALIGNMENT PLAN STA. 48+25 TO STA. 52+75	80	523-CRP115		DRIVEWAY PLAN AND PROFILES BRS-139 AND BRS-136-W STA. 10+00 TO STA. 10+78.32										
36	523-CAP113		ALIGNMENT PLAN STA. 52+75 TO STA. 57+25	81	523-CRP116		DRIVEWAY PLAN AND PROFILES BRS-141 AND BRS-136-E STA. 10+00 TO STA. 10+90										
37	523-CAP114		ALIGNMENT PLAN STA. 57+25 TO STA. 62+25	82	523-CRP117		DRIVEWAY PLAN AND PROFILES BRS-142-W, BRS-142-E & BRS-143										
38	523-CAP115		ALIGNMENT PLAN STA. 62+25 TO STA. 67+25	83	523-CRP118		DRIVEWAY PLAN AND PROFILES BRS-220 AND BRS-222 STA. 10+00 TO STA. 10+60.39										
39	523-CAP116		ALIGNMENT PLAN STA. 67+25 TO STA. 71+00	CURB RAMP PLANS AND DETAILS													
40	523-CAP117		ALIGNMENT PLAN STA. 71+00 TO STA. 74+50	84	523-CRD101		CURB RAMP PLAN AND DETAILS NE 145TH & 6TH AVE NE										
41	523-CAP118		ALIGNMENT PLAN STA. 74+50 TO STA. 78+35	85	523-CRD102		CURB RAMP PLAN AND DETAILS NE 145TH & 8TH AVE NE										
TYPICAL SECTIONS				86	523-CRD103		CURB RAMP PLAN AND DETAILS NE 145TH & 12TH AVE NE										
42	523-CRY101		TYPICAL SECTIONS	87	523-CRD104		CURB RAMP PLAN AND DETAILS NE 145TH & 15TH AVE NE										
43	523-CRY102		TYPICAL SECTIONS	88	523-CRD105		CURB RAMP PLAN AND DETAILS NE 145TH & 17TH AVE NE										
44	523-CRY103		TYPICAL SECTIONS	89	523-CRD106		CURB RAMP PLAN AND DETAILS NE 145TH & 28TH AVE NE										
45	523-CRY104		TYPICAL SECTIONS	90	523-CRD107		CURB RAMP PLAN AND DETAILS NE 145TH & 30TH AVE NE										
46	523-CRY105		TYPICAL SECTIONS	91	523-CRD108		CURB RAMP PLAN AND DETAILS NE 145TH & BOTHELL WAY NE & LAKE CITY WAY NE										
<div>DRAFT 30% SUBMITTAL</div>						DESIGNED BY:		<div>Jacobs</div> <div>DAVID EVANS AND ASSOCIATES INC.</div> <div>14432 SE Eastgate Way, Suite 400 Bellevue Washington 98007 Phone: 425.519.6500</div>		<div>LINE IS 1" = 40'</div> <div>FULL SCALE</div> <div>SOUNDTRANSIT</div>		SCALE:		SR 522 / 145 BRT SR 523 (NE 145TH STREET) CIVIL INDEX OF DRAWINGS 1 OF 2		DRAWING No.:	
						NTS						523-GZI101					
						FILENAME:						LOCATION ID:					
						BRT-523-GZI101						523					
						CONTRACT No.:						SHEET No.:					
AE 0055-17		REV:															
DATE:		10/09/20		SUBMITTED BY:		DATE:		REVIEWED BY:		DATE:							
D. SCHOCK				B. KEMPER													

INDEX OF DRAWINGS

SHT. No.	DWG. No.	REV	TITLE	SHT. No.	DWG. No.	REV	TITLE
CHANNELIZATION PLANS				UTILITY PLANS			
92	523—CMP101		CHANNELIZATION & SIGNING PLAN STA. 0+00 TO STA. 2+25	133	523—UCP101		COMPOSITE UTILITY PLAN STA. 0+00 TO STA. 2+25
93	523—CMP102		CHANNELIZATION & SIGNING PLAN STA. 2+25 TO STA. 5+75	134	523—UCP102		COMPOSITE UTILITY PLAN STA. 2+25 TO STA. 5+75
94	523—CMP103		CHANNELIZATION & SIGNING PLAN STA. 5+75 TO STA. 9+75	135	523—UCP103		COMPOSITE UTILITY PLAN STA. 5+75 TO STA. 9+75
95	523—CMP104		CHANNELIZATION & SIGNING PLAN STA. 9+75 TO STA. 14+25	136	523—UCP106		COMPOSITE UTILITY PLAN STA. 19+00 TO STA. 24+25
96	523—CMP105		CHANNELIZATION & SIGNING PLAN STA. 14+25 TO STA. 19+00	137	523—UCP107		COMPOSITE UTILITY PLAN STA. 24+25 TO STA. 29+15
97	523—CMP106		CHANNELIZATION & SIGNING PLAN STA. 19+00 TO STA. 24+25	138	523—UCP108		COMPOSITE UTILITY PLAN STA. 29+15 TO STA. 34+25
98	523—CMP107		CHANNELIZATION & SIGNING PLAN STA. 24+25 TO STA. 29+15	139	523—UCP115		COMPOSITE UTILITY PLAN STA. 62+25 TO STA. 67+25
99	523—CMP108		CHANNELIZATION & SIGNING PLAN STA. 29+15 TO STA. 34+25	140	523—UCP118		COMPOSITE UTILITY PLAN STA. 74+50 TO STA. 76+41
100	523—CMP109		CHANNELIZATION & SIGNING PLAN STA. 34+25 TO STA. 38+75	TRAFFIC SIGNAL PLANS			
101	523—CMP110		CHANNELIZATION & SIGNING PLAN STA. 38+75 TO STA. 43+75				
102	523—CMP111		CHANNELIZATION & SIGNING PLAN STA. 43+75 TO STA. 48+25				
103	523—CMP112		CHANNELIZATION & SIGNING PLAN STA. 48+25 TO STA. 52+75				
104	523—CMP113		CHANNELIZATION & SIGNING PLAN STA. 52+75 TO STA. 57+25	141	523—TSP101		TRAFFIC SIGNAL PLAN NE 145TH & 15TH AVE NE
105	523—CMP114		CHANNELIZATION & SIGNING PLAN STA. 57+25 TO STA. 62+25	142	523—TSP102		TRAFFIC SIGNAL PLAN NE NE 145TH & 30TH AVE NE
106	523—CMP115		CHANNELIZATION & SIGNING PLAN STA. 62+25 TO STA. 67+25	143	523—TSP103		TRAFFIC SIGNAL PLAN NE 145TH AVE & SR 522
107	523—CMP116		CHANNELIZATION & SIGNING PLAN STA. 67+25 TO STA. 71+00	ITS DIAGRAMS			
108	523—CMP117		CHANNELIZATION & SIGNING PLAN STA. 71+00 TO STA. 74+50				
109	523—CMP118		CHANNELIZATION & SIGNING PLAN STA. 74+50 TO STA. 78+35				
DRAINAGE PLANS AND DETAILS							
				144	523—TIS101		FIBER INTERCONNECT DIAGRAM
				RETAINING WALL PLANS AND PROFILES			
146	523—SWP102		WALL PLAN AND PROFILE STA. 4+75 TO STA. 6+75				
147	523—SWP103		WALL PLAN AND PROFILE STA. 6+50 TO STA. 8+50				
110	523—CDP101		DRAINAGE PLAN STA. 0+00 TO STA. 2+25	148	523—SWP104		WALL PLAN AND PROFILE STA. 19+75 TO STA. 23+00
111	523—CDP102		DRAINAGE PLAN STA. 2+25 TO STA. 5+75	149	523—SWP105		WALL PLAN AND PROFILE STA. 20+00 TO STA. 22+75
112	523—CDP103		DRAINAGE PLAN STA. 5+75 TO STA. 9+75	150	523—SWP106		WALL PLAN AND PROFILE STA. 25+00 TO 26+20, 29+00 TO 31+00 & 33+25 TO 33+75
113	523—CDP104		DRAINAGE PLAN STA. 9+75 TO STA. 14+25	151	523—SWP107		WALL PLAN AND PROFILE STA. 26+75 TO STA. 28+25 & STA. 33+00 TO 34+00
114	523—CDP106		DRAINAGE PLAN STA. 19+00 TO STA. 24+25	152	523—SWP108		WALL PLAN AND PROFILE STA. 63+50 TO STA. 65+34
115	523—CDP107		DRAINAGE PLAN STA. 24+25 TO STA. 29+15	153	523—SWP109		WALL PLAN AND PROFILE STA. 63+00 TO STA. 66+00
116	523—CDP108		DRAINAGE PLAN STA. 29+15 TO STA. 34+25	ARCHITECTURAL PLANS AND DETAILS			
117	523—CDP115		DRAINAGE PLAN STA. 62+25 TO STA. 67+25				
118	523—CDP118		DRAINAGE PLAN STA. 74+50 TO STA. 78+35				
119	523—CDD101		DRAINAGE DETAILS				
120	523—CDD102		DRAINAGE DETAILS	154	523—ASP105		ARCHITECTURAL SITE PLAN NE 145TH & 15TH AVE NE
ILLUMINATION PLANS				155	523—APD106		ARCHITECTURAL STATION DETAILS NE 145TH & 15TH AVE NE
				156	523—APD107		ARCHITECTURAL STATION DETAILS NE 145TH & 15TH AVE NE
				157	523—APD108		ARCHITECTURAL SECTIONS NE 145TH & 15TH AVE NE
				158	523—ASP115		ARCHITECTURAL SITE PLAN NE 145TH & 30TH AVE NE
121	523—CLN101		ILLUMINATION GENERAL NOTES, LEGEND AND ABBREVIATIONS	159	523—APD116		ARCHITECTURAL STATION DETAILS NE 145TH & 30TH AVE NE
122	523—CLP101		ILLUMINATION PLAN STA. 0+00 TO STA. 2+25	160	523—APD117		ARCHITECTURAL STATION DETAILS NE 145TH & 30TH AVE NE
123	523—CLP102		ILLUMINATION PLAN STA. 2+25 TO STA. 5+75	161	523—APD118		ARCHITECTURAL SECTIONS NE 145TH & 30TH AVE NE
124	523—CLP103		ILLUMINATION PLAN STA. 5+75 TO STA. 9+75				
125	523—CLP106		ILLUMINATION PLAN STA. 19+00 TO STA. 24+25				
126	523—CLP107		ILLUMINATION PLAN STA. 24+25 TO STA. 29+15				
127	523—CLP108		ILLUMINATION PLAN STA. 29+15 TO STA. 34+25				
128	523—CLP115		ILLUMINATION PLAN STA. 62+25 TO STA. 67+25				
129	523—CLP118		ILLUMINATION PLAN STA. 74+50 TO STA. 78+35				
130	523—CLS101		ILLUMINATION WIRING SCHEDULE				
131	523—CLS102		ILLUMINATION LUMINAIRE SCHEDULE				
132	523—CLS103		ILLUMINATION LUMINAIRE SCHEDULE				

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DRAFT 30% SUBMITTAL						DESIGNED BY: R. MUNOZ	  <div style="display: flex; flex-direction: column; align-items: center;"> <div>DAVID EVANS AND ASSOCIATES INC.</div> <div>14432 SE Eastgate Way, Suite 400 Bellevue Washington 98007 Phone: 425.519.6500</div> </div> <div style="display: flex; flex-direction: column; align-items: center;"> <div>LINE IS 1" AT</div> <div>FULL SCALE</div> </div> 	SCALE: NTS	SR 522 / 145TH BRT SR 523 (NE 145TH STREET) CIVIL INDEX OF DRAWINGS 2 OF 2	DRAWING No.: 523-GZI102
						DRAWN BY: J. DANIELSON		FILENAME: BRT-523-GZI101		LOCATION ID: 523
						CHECKED BY: P. AVADUTHA		CONTRACT No.: AE 0055-17		SHEET No.: 3
						APPROVED BY:		DATE:		REV:
						J. MCKENZIE				
No.	DATE	DSN	CHK	APP	REVISION	SUBMITTED BY: D. SCHOCK		REVIEWED BY: B. KEMPER		

CROSS REFERENCING OF DRAWINGS																		
BASE SHEET TITLE	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18
1"=20' DRAWING SETS	523-**P*01	523-**P*02	523-**P*03	523-**P*04	523-**P*05	523-**P*06	523-**P*07	523-**P*08	523-**P*09	523-**P*10	523-**P*11	523-**P*12	523-**P*13	523-**P*14	523-**P*15	523-**P*16	523-**P*17	523-**P*18

*P = DESIGN ELEMENT PLAN VIEW DESIGNATION

** = DESIGN ELEMENT DESIGNATION

RPP - RIGHT-OF-WAY PLAN

CAP - CIVIL ALIGNMENT PLAN

CMP- CIVIL CHANNELIZATION & SIGNING PLAN

CROSS REFERENCING OF DRAWINGS										
BASE SHEET TITLE	01	02	03	06	07	08	15	16	17	18
1"=20' DRAWING SETS	523-**P*01	523-**P*02	523-**P*03	523-**P*06	523-**P*07	523-**P*08	523-**P*15	523-**P*16	523-**P*17	523-**P*18

*P = DESIGN ELEMENT PLAN VIEW DESIGNATION

** = DESIGN ELEMENT DESIGNATION

CPP - CIVIL PAVING PLAN

CROSS REFERENCING OF DRAWINGS									
BASE SHEET TITLE	01	02	03	04	06	07	08	115	118
1"=20' DRAWING SETS	523-**P*01	523-**P*02	523-**P*03	523-**P*04	523-**P*06	523-**P*07	523-**P*08	523-**P*15	523-**P*18

*P = DESIGN ELEMENT PLAN VIEW DESIGNATION

** = DESIGN ELEMENT DESIGNATION

CDP - CIVIL DRAINAGE PLAN

CROSS REFERENCING OF DRAWINGS								
BASE SHEET TITLE	01	02	03	06	07	08	15	18
1"=20' DRAWING SETS	523-**P*01	523-**P*02	523-**P*03	523-**P*06	523-**P*07	523-**P*08	523-**P*15	523-**P*16

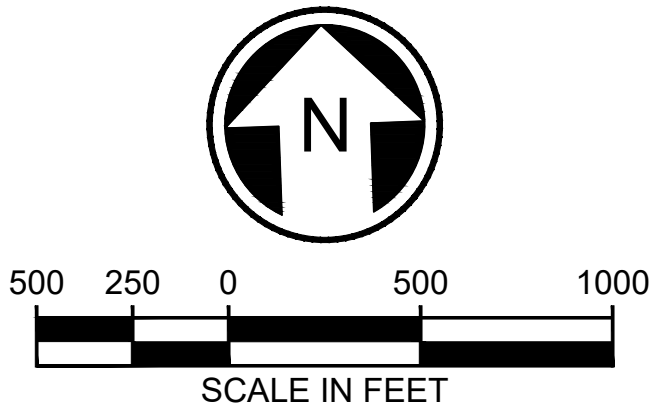
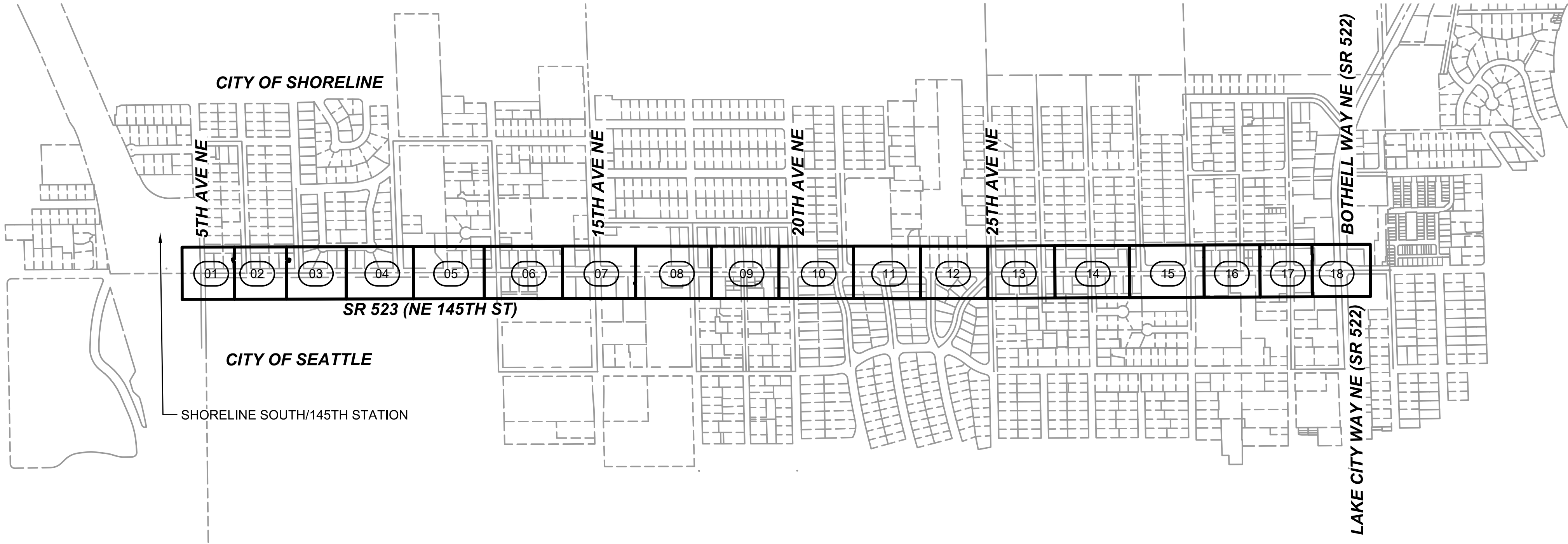
*P = DESIGN ELEMENT PLAN VIEW DESIGNATION

** = DESIGN ELEMENT DESIGNATION

CSP - CIVIL SITE PREPARATION PLAN

CLP - CIVIL ILLUMINATION PLAN

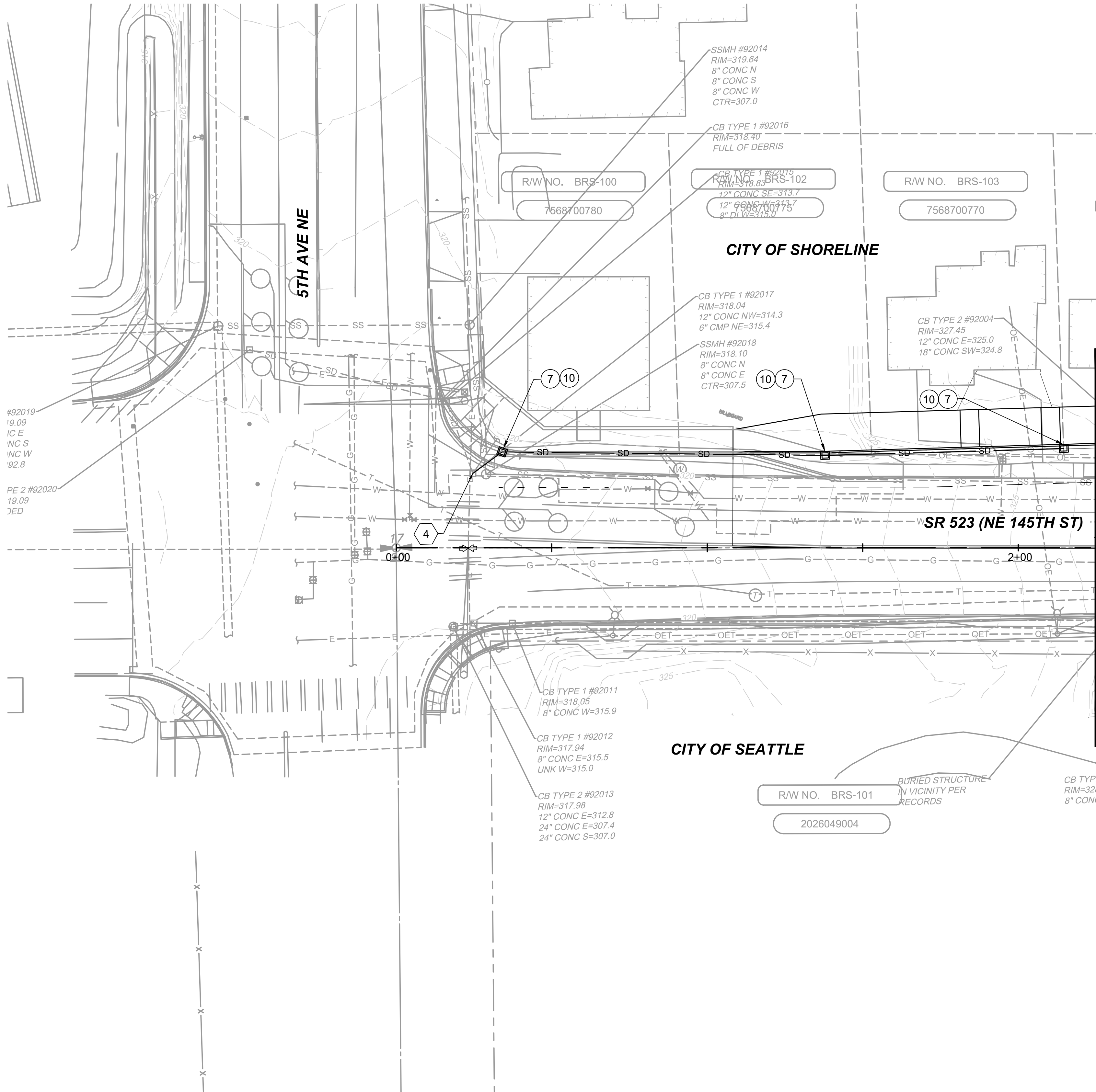
UCP - COMPOSITE UTILITY PLAN



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DRAFT 30% SUBMITTAL						DESIGNED BY: J. DANIELSON	<div>Jacobs</div> <div>DAVID EVANS AND ASSOCIATES INC.</div> <div>14432 SE Eastgate Way, Suite 400 Bellevue Washington 98007 Phone: 425.519.6500</div>		<div>LINE IS 1" AT FULL SCALE</div> <div>SOUNDTRANSIT</div>	SCALE: 1" = 500'	SR 522 / 145TH BRT SR 523 (NE 145TH STREET) CIVIL KEY PLAN		DRAWING No.: 523-GZK101
						DRAWN BY: J. DANIELSON				FILENAME: BRT-523-GZK101			LOCATION ID: 523
						CHECKED BY: P. AVADUTHA				CONTRACT No.: AE 0055-17			SHEET No.: 5
						APPROVED BY: J. MCKENZIE				DATE: 10/09/20			REV:
No.	DATE	DSN	CHK	APP	REVISION		SUBMITTED BY: D. SCHOCK	DATE:	REVIEWED BY: B. KEMPER				

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LEGEND:

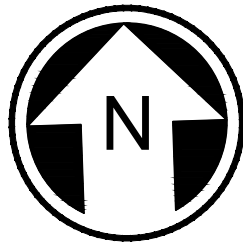
- CITY OF SEATTLE INLET TYPE 250B
- CITY OF SEATTLE CB TYPE 242B
- CITY OF SEATTLE MH TYPE 204a
- KING COUNTY CB TYPE 1
- KING COUNTY CB TYPE 2
- WSDOT CB PVC
- SD — STORM DRAIN PIPE
- D — DRAIN PIPE
- /// REMOVE EX. FEATURE
- // ABANDON EX. FEATURE
- HIGH POINT
- LOW POINT

KEY NOTES:

- ADJUST STRUCTURE TO CURBLINE
- ADJUST STRUCTURE TO GRADE
- ABANDON STORM PIPE AND PLUG END
- CONNECT TO EXISTING CATCH BASIN OR MANHOLE
- CONNECT TO EXISTING PIPE
- REMOVE STORM STRUCTURE
- REMOVE PIPE
- RECONNECT ROOF DRAINS

CONSTRUCTION NOTES:

- INSTALL CITY OF SEATTLE STANDARD PLANS FOR MUNICIPAL CONSTRUCTION, TYPE 250B INLET
- INSTALL CITY OF SEATTLE STANDARD PLANS FOR MUNICIPAL CONSTRUCTION, TYPE 242B CB
- INSTALL CITY OF SEATTLE STANDARD PLANS FOR MUNICIPAL CONSTRUCTION, TYPE 265 GRATE
- INSTALL CITY OF SEATTLE STANDARD PLANS FOR MUNICIPAL CONSTRUCTION, SOLID LID
- INSTALL CITY OF SEATTLE STANDARD PLANS FOR MUNICIPAL CONSTRUCTION, TYPE 204a MAINTENANCE HOLE
- INSTALL KING COUNTY 2016 ROAD DESIGN AND CONSTRUCTION STANDARDS, THROUGH-CURB INLET, FIGURES 7-017
- INSTALL KING COUNTY 2016 ROAD DESIGN AND CONSTRUCTION STANDARDS, CATCH BASINS, TYPE 1 FIGURES 7-003
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- INSTALL WSDOT STANDARD PLAN, CATCH BASIN PVC, B-10.70-00
- INSTALL WSDOT STANDARD PLAN, RECTANGULAR VANED GRATE, B-30.30-03
- INSTALL 3" DRAIN LINE BETWEEN TRENCH DRAIN AND FACE OF CURB. SEE ARCHITECTURAL PLANS FOR TRENCH DRAIN DETAILS



DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:

A. TAKESHI

DRAWN BY:

A. TAKESHI

CHECKED BY:

G. CALEY

APPROVED BY:

J. MCKENZIE

Jacobs



DAVID EVANS
AND ASSOCIATES INC.

14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:

D. SCHOCK

DATE:

REVIEWED BY:

B. KEMPER

DATE:

SCALE:

1" = 20'

FILENAME:

BRT-523-CDP101-118

CONTRACT No.:

AE 0055-17

DATE:

10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

CIVIL
DRAINAGE PLAN

STA. 0+00 TO STA. 2+25

DRAWING No.:

523-CDP101

LOCATION ID:

523

SHEET No.:

110

REV:

10/06/20 | 8:25 PM | RMUNOZ
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DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
A. TAKESHI
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1" = 20'

FILENAME:

BRT-523-CDP101-118

CONTRACT No.:

AE 0055-17

DATE:

10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

CIVIL
DRAINAGE PLAN
STA. 2+25 TO STA. 5+75

DRAWING No.:

523-CDP102

LOCATION ID:

523

SHEET No.:

111

REV:

LEGEND:

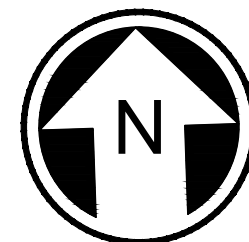
- CITY OF SEATTLE INLET TYPE 250B
- CITY OF SEATTLE CB TYPE 242B
- CITY OF SEATTLE MH TYPE 204a
- KING COUNTY CB TYPE 1
- KING COUNTY CB TYPE 2
- WSDOT CB PVC
- SD — STORM DRAIN PIPE
- D — DRAIN PIPE
- /// REMOVE EX. FEATURE
- // ABANDON EX. FEATURE
- ⇄ HIGH POINT
- ⇄ LOW POINT

KEY NOTES:

- ADJUST STRUCTURE TO CURBLINE
- ADJUST STRUCTURE TO GRADE
- ABANDON STORM PIPE AND PLUG END
- CONNECT TO EXISTING CATCH BASIN OR MANHOLE
- CONNECT TO EXISTING PIPE
- REMOVE STORM STRUCTURE
- REMOVE PIPE
- RECONNECT ROOF DRAINS

CONSTRUCTION NOTES:

- INSTALL CITY OF SEATTLE STANDARD PLANS FOR MUNICIPAL CONSTRUCTION, TYPE 250B INLET
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DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
A. TAKESHI
DRAWN BY:
A. TAKESHI
CHECKED BY:
G. CALEY
APPROVED BY:
J. MCKENZIE

Jacobs



DAVID EVANS
AND ASSOCIATES INC.
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Phone: 425.519.6500

SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER

DATE:

LINE IS 1" AT
FULL SCALE



SCALE:
1" = 20'
FILENAME:
BRT-523-CDP101-118
CONTRACT No.:
AE 0055-17
DATE:
10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

CIVIL
DRAINAGE PLAN
STA. 5+75 TO STA. 9+75

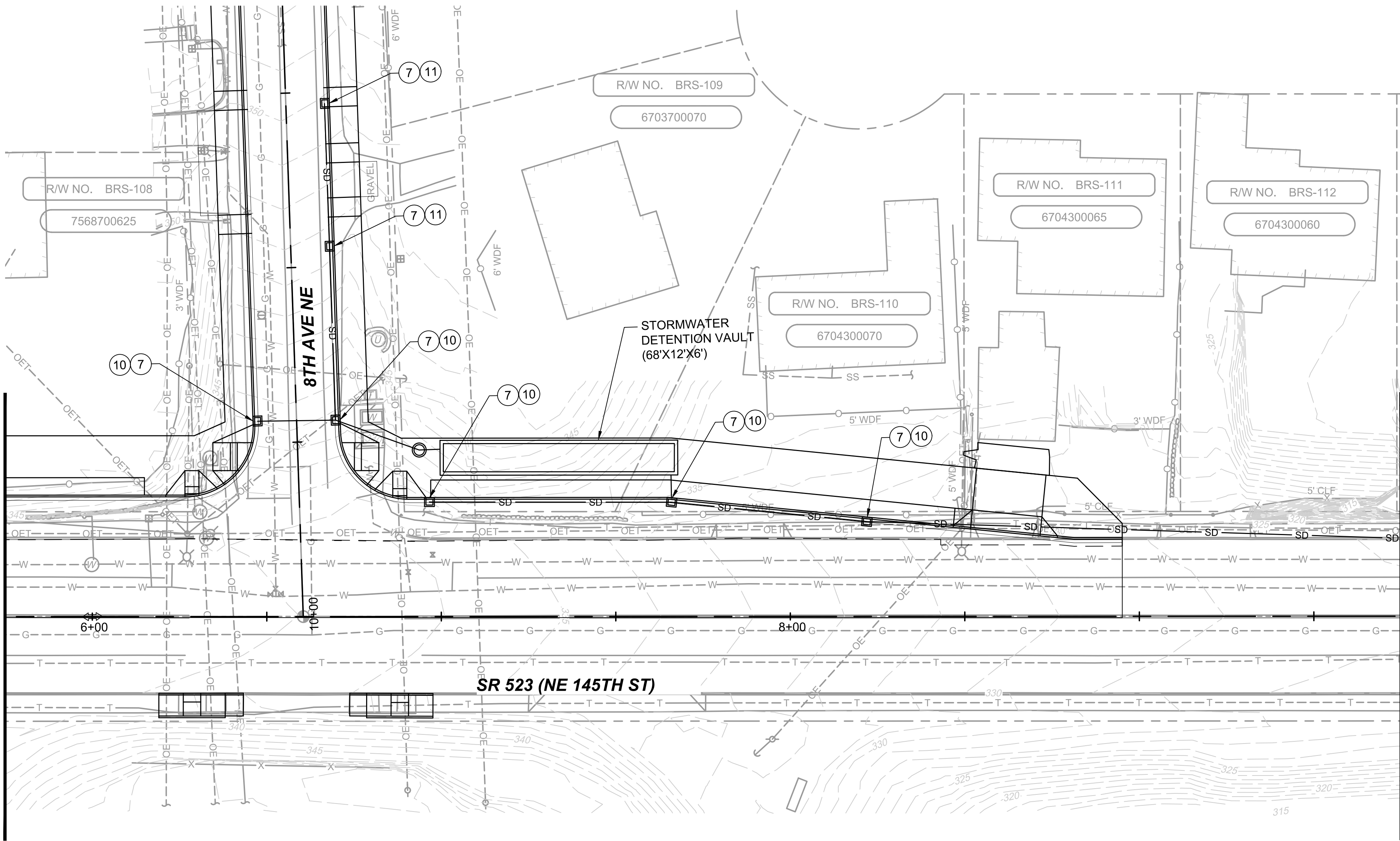
DRAWING No.:
523-CDP103

LOCATION ID:
523

SHEET No.:
112

REV:

MATCHLINE: STA 05+75
SEE DWG 523-CDP102



MATCHLINE: STA 09+75
SEE DWG 523-CDP104

LEGEND:

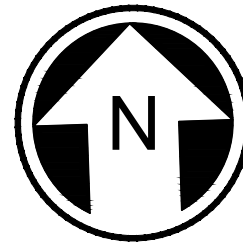
- CITY OF SEATTLE INLET TYPE 250B
- CITY OF SEATTLE CB TYPE 242B
- CITY OF SEATTLE MH TYPE 204a
- KING COUNTY CB TYPE 1
- KING COUNTY CB TYPE 2
- WSDOT CB PVC
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- DRAIN PIPE
- REMOVE EX. FEATURE
- ABANDON EX. FEATURE
- HIGH POINT
- LOW POINT

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- INSTALL 3" DRAIN LINE BETWEEN TRENCH DRAIN AND FACE OF CURB. SEE ARCHITECTURAL PLANS FOR TRENCH DRAIN DETAILS



10/05/20 | 9:05 PM | RMUNOZ
C:\PW\WORK\DEAR\WUNOZ\DWG\10774\BRT-523-CDP101-118.DWG

MATCHLINE: STA 09+75
SEE DWG 523-CDP103

FOR CONTINUATION
SEE DWG 523-CDP106

LEGEND:

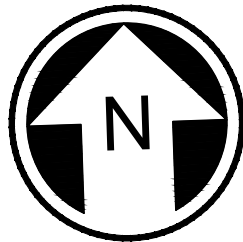
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|---|---------------------------------|--------|---------------------|
| ■ | CITY OF SEATTLE INLET TYPE 250B | — SD — | STORM DRAIN PIPE |
| ● | CITY OF SEATTLE CB TYPE 242B | — D — | DRAIN PIPE |
| ⊙ | CITY OF SEATTLE MH TYPE 204a | /// | REMOVE EX. FEATURE |
| ▣ | KING COUNTY CB TYPE 1 | // | ABANDON EX. FEATURE |
| ⊗ | KING COUNTY CB TYPE 2 | ↔ | HIGH POINT |
| ■ | WSDOT CB PVC | ⊗ | LOW POINT |

KEY NOTES:

- 1 ADJUST STRUCTURE TO CURBLINE
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CONSTRUCTION NOTES:

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- 14 INSTALL 3" DRAIN LINE BETWEEN TRENCH DRAIN AND FACE OF CURB. SEE ARCHITECTURAL PLANS



DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:

A. TAKESHI

DRAWN BY:

A. TAKESHI

CHECKED BY:

G. CALEY

APPROVED BY:

J. MCKENZIE

Jacobs



DAVID EVANS
AND ASSOCIATES INC.

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Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:

D. SCHOCK

DATE:

REVIEWED BY:

B. KEMPER



DATE:

SCALE:

1" = 20'

FILENAME:

BRT-523-CDP101-118

CONTRACT No.:

AE 0055-17

DATE:

10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

CIVIL
DRAINAGE PLAN

STA. 9+75 TO STA. 14+25

DRAWING No.:

523-CDP104

LOCATION ID:

523

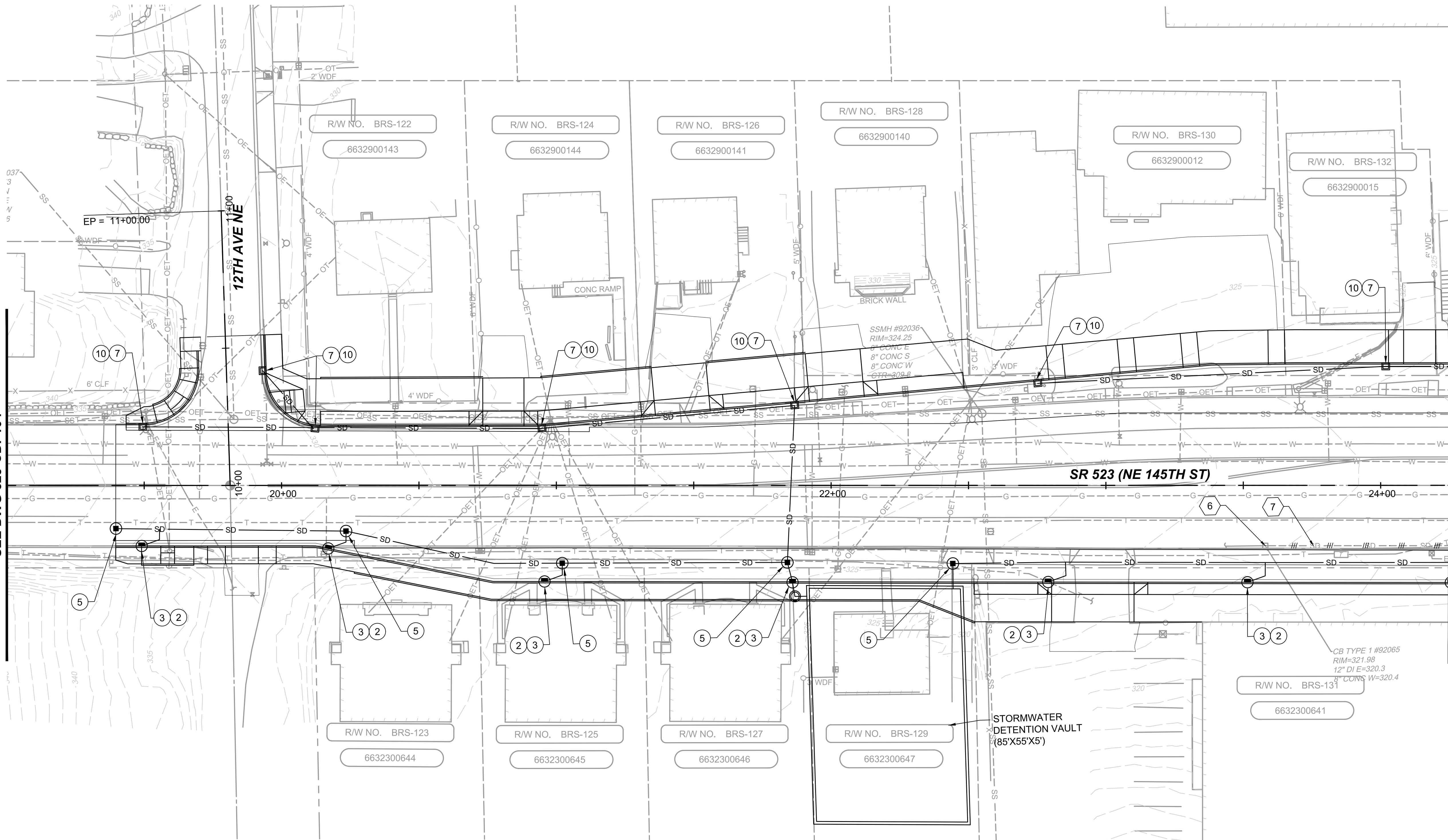
SHEET No.:

113

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FOR CONTINUATION
SEE DWG 523-CDP104



LEGEND:

- | | | | |
|---|---------------------------------|--------|---------------------|
| ■ | CITY OF SEATTLE INLET TYPE 250B | — SD — | STORM DRAIN PIPE |
| ● | CITY OF SEATTLE CB TYPE 242B | — D — | DRAIN PIPE |
| ⊙ | CITY OF SEATTLE MH TYPE 204a | /// | REMOVE EX. FEATURE |
| ▣ | KING COUNTY CB TYPE 1 | // | ABANDON EX. FEATURE |
| ⊖ | KING COUNTY CB TYPE 2 | ↔ | HIGH POINT |
| ■ | WSDOT CB PVC | ⋈ | LOW POINT |

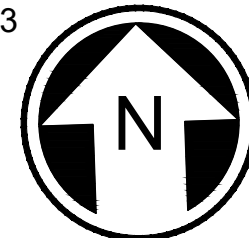
KEY NOTES:

- 1 ADJUST STRUCTURE TO CURBLINE
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CONSTRUCTION NOTES:

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- 12 INSTALL WSDOT STANDARD PLAN, CATCH BASIN PVC, B-10.70-00
- 13 INSTALL WSDOT STANDARD PLAN, RECTANGULAR VANED GRATE, B-30.30-03

MATCHLINE: STA 24+25
SEE DWG 523-CDP107



DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:	A. TAKESHI
DRAWN BY:	A. TAKESHI
CHECKED BY:	G. CALEY
APPROVED BY:	J. MCKENZIE

Jacobs



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14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER

DATE:

LINE IS 1" AT
FULL SCALE



SCALE: 1" = 20'
FILENAME: BRT-523-CDP101-118
CONTRACT No.: AE 0055-17
DATE: 10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

CIVIL
DRAINAGE PLAN
STA. 19+00 TO STA. 24+25

DRAWING No.: 523-CDP106
LOCATION ID: 523
SHEET No.: 114
REV:

10/06/20 | 8:42 PM | RMUNOZ
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DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:

A. TAKESHI

DRAWN BY:

A. TAKESHI

CHECKED BY:

G. CALEY

APPROVED BY:

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SUBMITTED BY:

D. SCHOCK

DATE:

REVIEWED BY:

B. KEMPER



SCALE:

1" = 20'

FILENAME:

BRT-523-CDP101-118

CONTRACT No.:

AE 0055-17

DATE:

10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

CIVIL
DRAINAGE PLAN

STA. 24+25 TO STA. 29+15

DRAWING No.:

523-CDP107

LOCATION ID:

523

SHEET No.:

115

REV:

KEY NOTES:

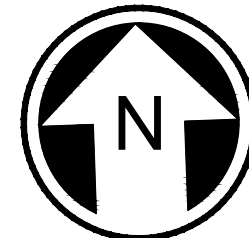
- 1 ADJUST STRUCTURE TO CURBLINE
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LEGEND:

- | | | | |
|---|---------------------------------|--------|---------------------|
| ■ | CITY OF SEATTLE INLET TYPE 250B | — SD — | STORM DRAIN PIPE |
| ● | CITY OF SEATTLE CB TYPE 242B | — D — | DRAIN PIPE |
| ● | CITY OF SEATTLE MH TYPE 204a | /// | REMOVE EX. FEATURE |
| ■ | KING COUNTY CB TYPE 1 | | ABANDON EX. FEATURE |
| ⊙ | KING COUNTY CB TYPE 2 | ↔ | HIGH POINT |
| ■ | WSDOT CB PVC | ⌂ | LOW POINT |

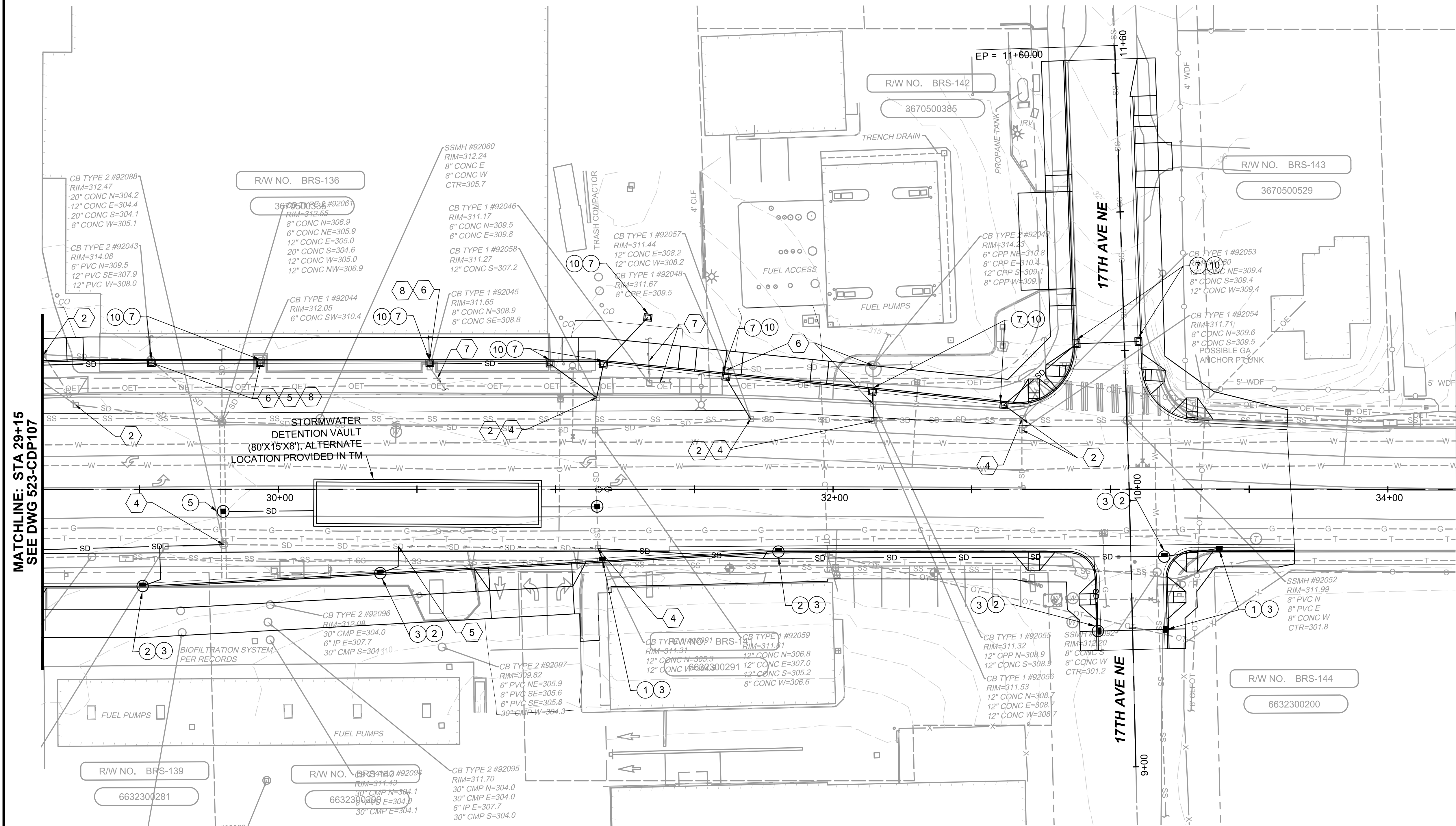


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MATCHLINE: STA 29+15
SEE DWG 523-CDP107

FOR CONTINUATION
SEE DWG 523-CDP115



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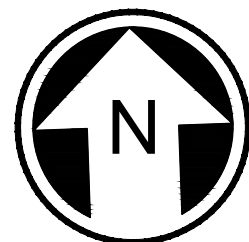
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| ■ | CITY OF SEATTLE INLET TYPE 250B | — SD — | STORM DRAIN PIPE |
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20 10 0 20 40
SCALE IN FEET

DRAFT 30% SUBMITTAL

DESIGNED BY:

A. TAKESHI

DRAWN BY:

A. TAKESHI

CHECKED BY:

G. CALEY

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J. MCKENZIE

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Phone: 425.519.6500

SUBMITTED BY:

D. SCHOCK

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B. KEMPER



SCALE:

1" = 20'

FILENAME:

BRT-523-CDP101-118

CONTRACT No.:

AE 0055-17

DATE:

10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

CIVIL
DRAINAGE PLAN

STA. 29+15 TO STA. 34+25

DRAWING No.:

523-CDP108

LOCATION ID:

523

SHEET No.:

116

REV:

10/06/20 | 8:51 PM | RMUNOZ
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FOR CONTINUATION
SEE DWG 523-CDP108

FOR CONTINUATION
SEE DWG 523-CDP118

LEGEND:

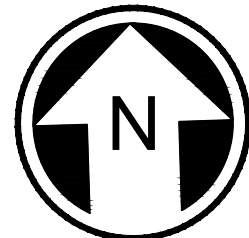
- | | | | |
|---|---------------------------------|--------|---------------------|
| ■ | CITY OF SEATTLE INLET TYPE 250B | — SD — | STORM DRAIN PIPE |
| ● | CITY OF SEATTLE CB TYPE 242B | — D — | DRAIN PIPE |
| ■ | CITY OF SEATTLE MH TYPE 204a | /// | REMOVE EX. FEATURE |
| ■ | KING COUNTY CB TYPE 1 | // | ABANDON EX. FEATURE |
| ○ | KING COUNTY CB TYPE 2 | ↔ | HIGH POINT |
| ■ | WSDOT CB PVC | ⋈ | LOW POINT |

KEY NOTES:

- 1 ADJUST STRUCTURE TO CURBLINE
- 2 ADJUST STRUCTURE TO GRADE
- 3 ABANDON STORM PIPE AND PLUG END
- 4 CONNECT TO EXISTING CATCH BASIN OR MANHOLE
- 5 CONNECT TO EXISTING PIPE
- 6 REMOVE STORM STRUCTURE
- 7 REMOVE PIPE
- 8 RECONNECT ROOF DRAINS

CONSTRUCTION NOTES:

- 1 INSTALL CITY OF SEATTLE STANDARD PLANS FOR MUNICIPAL CONSTRUCTION, TYPE 250B INLET
- 2 INSTALL CITY OF SEATTLE STANDARD PLANS FOR MUNICIPAL CONSTRUCTION, TYPE 242B CB
- 3 INSTALL CITY OF SEATTLE STANDARD PLANS FOR MUNICIPAL CONSTRUCTION, TYPE 265 GRATE
- 4 INSTALL CITY OF SEATTLE STANDARD PLANS FOR MUNICIPAL CONSTRUCTION, SOLID LID
- 5 INSTALL CITY OF SEATTLE STANDARD PLANS FOR MUNICIPAL CONSTRUCTION, TYPE 204a MAINTENANCE HOLE
- 6 INSTALL KING COUNTY 2016 ROAD DESIGN AND CONSTRUCTION STANDARDS, THROUGH-CURB INLET, FIGURES 7-017
- 7 INSTALL KING COUNTY 2016 ROAD DESIGN AND CONSTRUCTION STANDARDS, CATCH BASINS, TYPE 1 FIGURES 7-003
- 8 INSTALL KING COUNTY 2016 ROAD DESIGN AND CONSTRUCTION STANDARDS, SOLID LID FIGURE 7-015
- 9 INSTALL KING COUNTY 2016 ROAD DESIGN AND CONSTRUCTION STANDARDS, THROUGH-CURB INLET FRAME AND GRATE WITH VERTICAL CURB INSTALLATION FIGURE 7-017
- 10 INSTALL KING COUNTY 2016 ROAD DESIGN AND CONSTRUCTION STANDARDS, VANED GRATE FIGURE 7-018
- 11 INSTALL KING COUNTY 2016 ROAD DESIGN AND CONSTRUCTION STANDARDS, ROLLED CURB VANED GRATE FIGURE 7-021
- 12 INSTALL WSDOT STANDARD PLAN, CATCH BASIN PVC, B-10.70-00
- 13 INSTALL WSDOT STANDARD PLAN, RECTANGULAR VANED GRATE, B-30.30-03
- 14 INSTALL 3" DRAIN LINE BETWEEN TRENCH DRAIN AND FACE OF CURB. SEE ARCHITECTURAL PLANS FOR TRENCH DRAIN DETAILS



DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:

A. TAKESHI

DRAWN BY:

A. TAKESHI

CHECKED BY:

G. CALEY

APPROVED BY:

J. MCKENZIE

Jacobs



DAVID EVANS
AND ASSOCIATES INC.

14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:

D. SCHOCK

DATE:

REVIEWED BY:

B. KEMPER



SCALE:

1" = 20'

FILENAME:

BRT-523-CDP101-118

CONTRACT No.:

AE 0055-17

DATE:

10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

CIVIL
DRAINAGE PLAN

STA. 62+25 TO STA. 67+25

DRAWING No.:

523-CDP115

LOCATION ID:

523

SHEET No.:

117

REV:

10/06/20 | 8:54 PM | RMUNOZ
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DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
A. TAKESHI
DRAWN BY:
A. TAKESHI
CHECKED BY:
G. CALEY
APPROVED BY:
J. MCKENZIE

Jacobs



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AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER

DATE:

LINE IS 1" AT
FULL SCALE

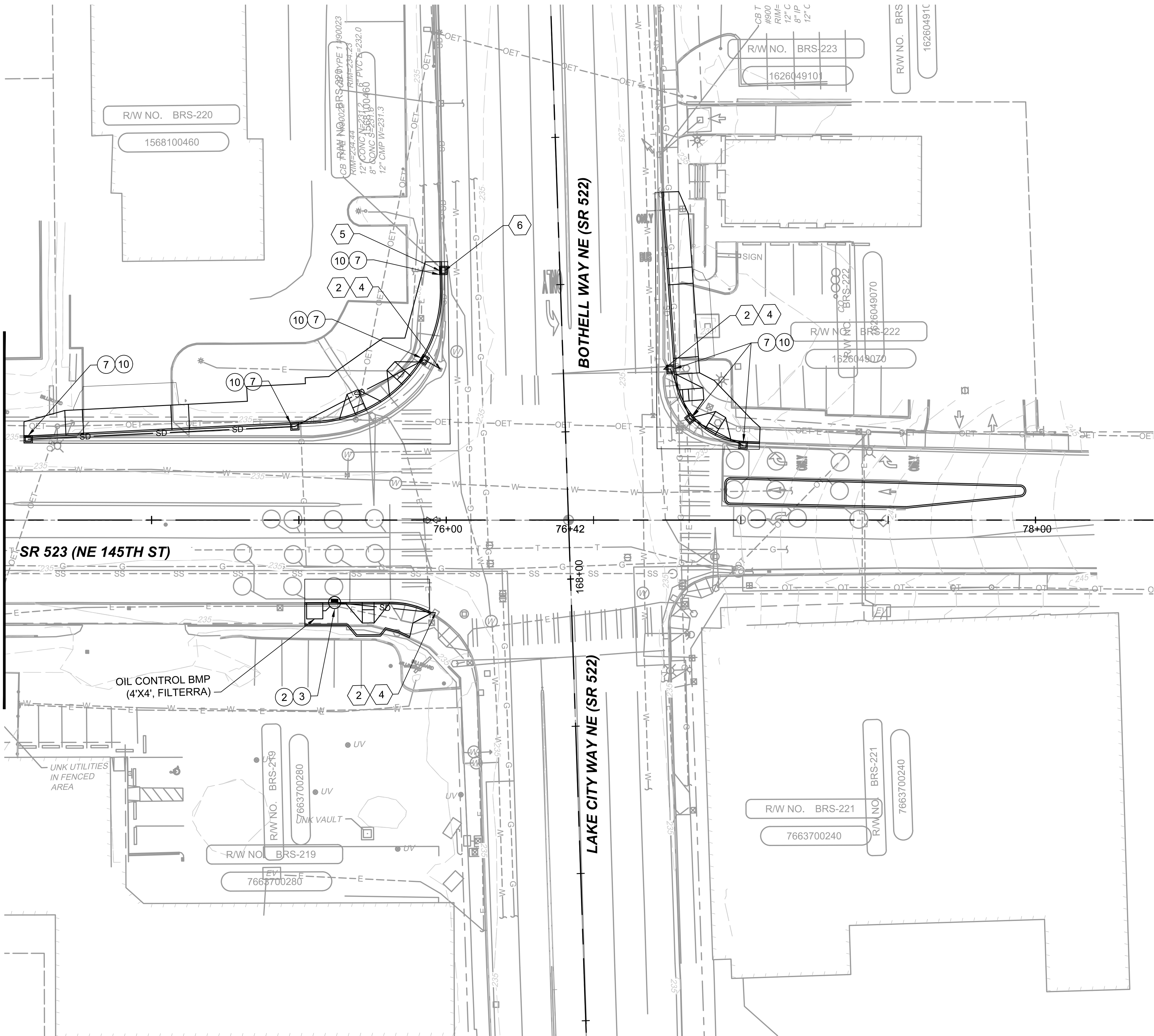


SCALE:
1" = 20'
FILENAME:
BRT-523-CDP101-118
CONTRACT No.:
AE 0055-17
DATE:
10/09/20

SR 522 / 145TH BRT
SR 523 (NE 145TH STREET)
CIVIL
DRAINAGE PLAN
STA. 74+50 TO STA. 78+35

DRAWING No.:
523-CDP118
LOCATION ID:
523
SHEET No.:
118
REV:

FOR CONTINUATION
SEE DWG 523-CDP115



LEGEND:

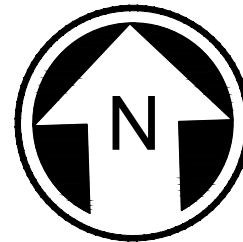
- CITY OF SEATTLE INLET TYPE 250B
- CITY OF SEATTLE CB TYPE 242B
- CITY OF SEATTLE MH TYPE 204a
- KING COUNTY CB TYPE 1
- KING COUNTY CB TYPE 2
- WSDOT CB PVC
- STORM DRAIN PIPE
- DRAIN PIPE
- REMOVE EX. FEATURE
- ABANDON EX. FEATURE
- HIGH POINT
- LOW POINT

KEY NOTES:

- ADJUST STRUCTURE TO CURBLINE
- ADJUST STRUCTURE TO GRADE
- ABANDON STORM PIPE AND PLUG END
- CONNECT TO EXISTING CATCH BASIN OR MANHOLE
- CONNECT TO EXISTING PIPE
- REMOVE STORM STRUCTURE
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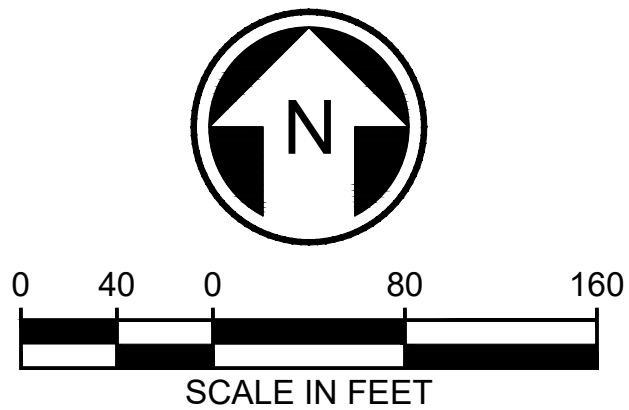
CONSTRUCTION NOTES:

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- INSTALL CITY OF SEATTLE STANDARD PLANS FOR MUNICIPAL CONSTRUCTION, TYPE 242B CB
- INSTALL CITY OF SEATTLE STANDARD PLANS FOR MUNICIPAL CONSTRUCTION, TYPE 265 GRATE
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- INSTALL 3" DRAIN LINE BETWEEN TRENCH DRAIN AND FACE OF CURB. SEE ARCHITECTURAL PLANS FOR TRENCH DRAIN DETAILS



20 10 0 20 40
SCALE IN FEET

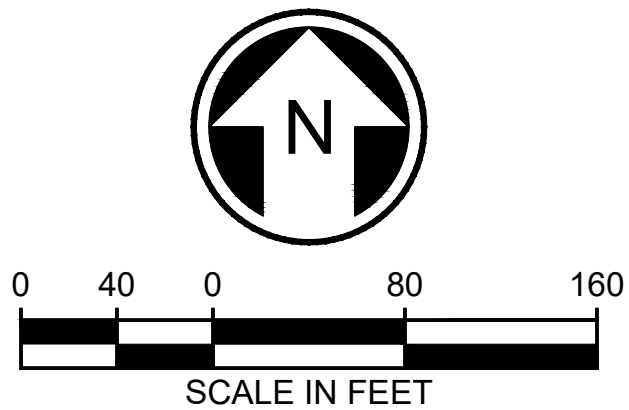
DRAINAGE DETAILS TO BE PROVIDED IN LATER SUBMITTAL



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<div>DRAFT 30% SUBMITTAL</div>						<div>DESIGNED BY: A. TAKESHI</div>	<div><div>Jacobs</div><div><div>DAVID EVANS AND ASSOCIATES INC.</div><div>14432 SE Eastgate Way, Suite 400 Bellevue Washington 98007 Phone: 425.519.6500</div></div></div> <div><div>LINE IS 1" AT FULL SCALE</div><div>SOUNDTRANSIT</div></div>			<div>SCALE: NTS</div>	<div>SR 522 / 145TH BRT</div>		<div>DRAWING No.: 523-CDD101</div>
						<div>DRAWN BY: A. TAKESHI</div>				<div>FILENAME: BRT-523-CDP101-118</div>	<div>SR 523 (NE 145TH STREET)</div>		<div>LOCATION ID: 523</div>
						<div>CHECKED BY: G. CALEY</div>				<div>CONTRACT No.: AE 0055-17</div>	<div>CIVIL DRAINAGE DETAILS</div>		<div>SHEET No.: 119</div>
						<div>APPROVED BY: J. MCKENZIE</div>				<div>DATE: 10/09/20</div>			<div>REV:</div>
<div><div>No.</div><div>DATE</div><div>DSN</div><div>CHK</div><div>APP</div><div>REVISION</div></div>						<div>SUBMITTED BY: D. SCHOCK</div>				<div>DATE:</div>	<div>REVIEWED BY: B. KEMPER</div>		<div>DATE:</div>

DRAINAGE DETAILS TO BE PROVIDED IN LATER SUBMITTAL



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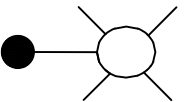

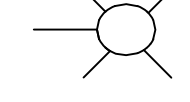

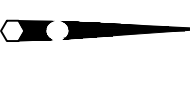


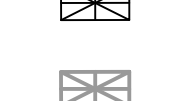
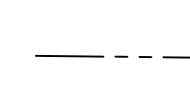







<div>DRAFT 30% SUBMITTAL</div>						<div>DESIGNED BY: A. TAKESHI</div>		<div>Jacobs</div> <div>DAVID EVANS AND ASSOCIATES INC.</div> <div>14432 SE Eastgate Way, Suite 400 Bellevue Washington 98007 Phone: 425.519.6500</div>			<div>LINE IS 1" AT FULL SCALE</div>	<div>SOUNDTRANSIT</div>	<div>SCALE: NTS</div>	<div>SR 522 / 145TH BRT</div> <div>SR 523 (NE 145TH STREET)</div> <div>CIVIL DRAINAGE DETAILS</div>			<div>DRAWING No.: 523-CDD102</div>
<div>DRAWN BY: A. TAKESHI</div>	<div>FILENAME: BRT-523-CDP101-118</div>	<div>LOCATION ID: 523</div>															
<div>CHECKED BY: G. CALEY</div>	<div>CONTRACT No.: AE 0055-17</div>	<div>SHEET No.: 120</div>	<div>REV:</div>														
<div>APPROVED BY: J. MCKENZIE</div>	<div>DATE: 10/09/20</div>																
<div>No.</div>	<div>DATE</div>	<div>DSN</div>	<div>CHK</div>	<div>APP</div>	<div>REVISION</div>	<div>SUBMITTED BY: D. SCHOCK</div>		<div>DATE:</div>	<div>REVIEWED BY: B. KEMPER</div>	<div>DATE:</div>							

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STREET LIGHTING GENERAL NOTES:

1. ALL DISCONNECTIONS: TEMPORARY OR FINAL SERVICE CONNECTIONS WILL BE MADE BY SEATTLE CITY LIGHT (SCL) AT PROJECT'S EXPENSE. COORDINATE ALL ENERGIZING AND DE-ENERGIZING OF STREET LIGHTING SERVICE WITH SCL ELECTRICAL SERVICE REPRESENTATIVE AND STREETLIGHT ENGINEER FIFTEEN (15) WORKING DAYS IN ADVANCE. ADDITIONAL TIME MAY BE NEEDED FOR CREW SCHEDULING AND MOBILIZATION.
2. CONTRACTOR MUST MAKE PRIOR COORDINATION FOR FLOOD OR STREETLIGHT REMOVAL. CONTRACTOR MUST MAKE PRIOR DELIVERY COORDINATION FOR SALVAGED STREETLIGHT-RELATED MATERIALS TO SEATTLE CITY LIGHT SALVAGE YARD AT 4TH AVE S & S SPOKANE ST, 98134. CONTACT SALVAGE COORDINATOR AT 206-386-1765. NO ARTERIAL STREETLIGHT MAY BE DISABLED WITHOUT PRIOR APPROVAL FROM SEATTLE DEPARTMENT OF TRANSPORTATION, (SDOT).
3. EXISTING STREET LIGHTING SYSTEM SHALL BE MAINTAINED DURING CONSTRUCTION.
4. WORK MUST BE SCHEDULED SUCH THAT NO TWO (2) ADJACENT OR OPPOSITE STREETLIGHTS ARE DISABLED AT ANY ONE TIME.
5. ANY EXCAVATION IN PROXIMITY TO AN EXISTING STREETLIGHT POLE MUST BE DONE WITHOUT UNDERMINING ITS STABILITY. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY STABILIZING SUPPORT.
6. INSTALLATION OF UNDERGROUND STREETLIGHT SYSTEMS, AND STREETLIGHT SYSTEM GROUNDING AND BONDING MUST BE PER SEATTLE CITY LIGHT (SCL) CONSTRUCTION STANDARD 1714.50.
7. ALL WIRING, INCLUDING STREET LIGHTING, PEDESTRIAN LIGHTING AND FESTOON LIGHTING CIRCUITS MUST BE CLEARLY LABELED PER SEATTLE CITY LIGHT (SCL) CONSTRUCTION STANDARD 1714.10.
8. EACH LUMINAIRE MUST BE FUSED PER (SCL) CONSTRUCTION STANDARD 1730.00.
9. STREETLIGHT HANDHOLE AND CONDUIT REQUIREMENTS MUST CONFORM TO SCL CONSTRUCTION STANDARD 1716.07.
10. PULL TAPE MUST BE INSTALLED THROUGH VACANT CONDUIT CAPPED PER (SCL) CONSTRUCTION STANDARD U2-11.40/NDK-40.
11. MAINTAIN MINIMUM HORIZONTAL & VERTICAL CLEARANCES BETWEEN SCL UNDERGROUND STRUCTURES AND VARIOUS OTHER UTILITY STRUCTURES PER SCL CONSTRUCTION STANDARD 0214.00.
12. FOR STREET LIGHTING INSPECTIONS CONTACT SCL ELECTRICAL REVIEWER TEN (10) WORKING DAYS IN ADVANCE.
13. CONTRACTOR MUST CALL FOR AN ELECTRICAL REVIEWER INSPECTION OF THE STREET LIGHTING SYSTEM AT VARIOUS STAGES OF INSTALLATION/CONSTRUCTION OR AS INSTRUCTED BY THE SCL INSPECTOR.
14. CONTRACTOR MUST PROVIDE AN OPERATOR AND MAN LIFT TRUCK FOR USE DURING INSPECTION OF INSTALLED STREETLIGHT FACILITIES.
15. CONTRACTOR MUST ASSIST THE INSPECTOR DURING INSPECTIONS, COMMISSIONING, AND FINAL CONNECTION PHASES OF THE PROJECT AS INSTRUCTED BY THE INSPECTOR. SUCH ASSISTANCE WILL INCLUDE, BUT NOT BE LIMITED TO OPENING HANDHOLES, MANHOLES AND VARIOUS ACCESS COVERS, DISCONNECTING AND RECONNECTING FUSE HOLDERS AND MECHANICAL SPLICE CONNECTIONS, VERIFYING CONDUIT RUNS, ETC.
16. PRIOR TO REQUESTING FINAL STREETLIGHT SERVICE CONNECTION, CONTRACTOR MUST CORRECT ALL PUNCH LIST ITEMS AND CALL FOR A RE-INSPECTION WHERE REQUIRED BY THE INSPECTOR. CONTRACTOR MUST PREPARE A SIGNED AS-BUILT AND WIRING DIAGRAM WHICH INCLUDES WHICH DUCT IS USED IN EACH DUCT BANK.

LEGEND:

- NEW LUMINAIRE
- EXISTING LUMINAIRE
- NEW LUMINAIRE ON UTILITY POLE
- EXISTING LUMINAIRE ON UTILITY POLE
- NEW TYPE III MAST ARM
- EXISTING TYPE III MAST ARM
- NEW HANDHOLE 1,2,8
- EXISTING HANDHOLE 1,2
- NEW SERVICE CABINET
- EXISTING SERVICE CABINET
- NEW CONDUIT
- EXISTING CONDUIT
- NEW OVERHEAD POWER
- EXISTING OVERHEAD POWER
- CONSTRUCTION NOTE
- POLE NUMBER

ABBREVIATIONS:

AVE	AVENUE
BLVD	BOULEVARD
HH	HANDHOLE
LED	LIGHT EMITTING DIODE
MH	MANHOLE
NO.	NUMBER
SCH	SCHEDULE
SCL	SEATTLE CITY LIGHT
SDOT	SEATTLE DEPARTMENT OF TRANSPORTATION
ST	STREET
STA	STATION
STD	STANDARD

DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:	T. TEAL
DRAWN BY:	J. STEVENS
CHECKED BY:	B. BARTON
APPROVED BY:	J. MCKENZIE

Jacobs



DAVID EVANS
AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

LINE IS 1" AT
FULL SCALE



SCALE:	NTS
FILENAME:	BRT-523-CLP101-109
CONTRACT No.:	AE 0055-17
DATE:	10/09/20

SR 522 / 145TH BRT

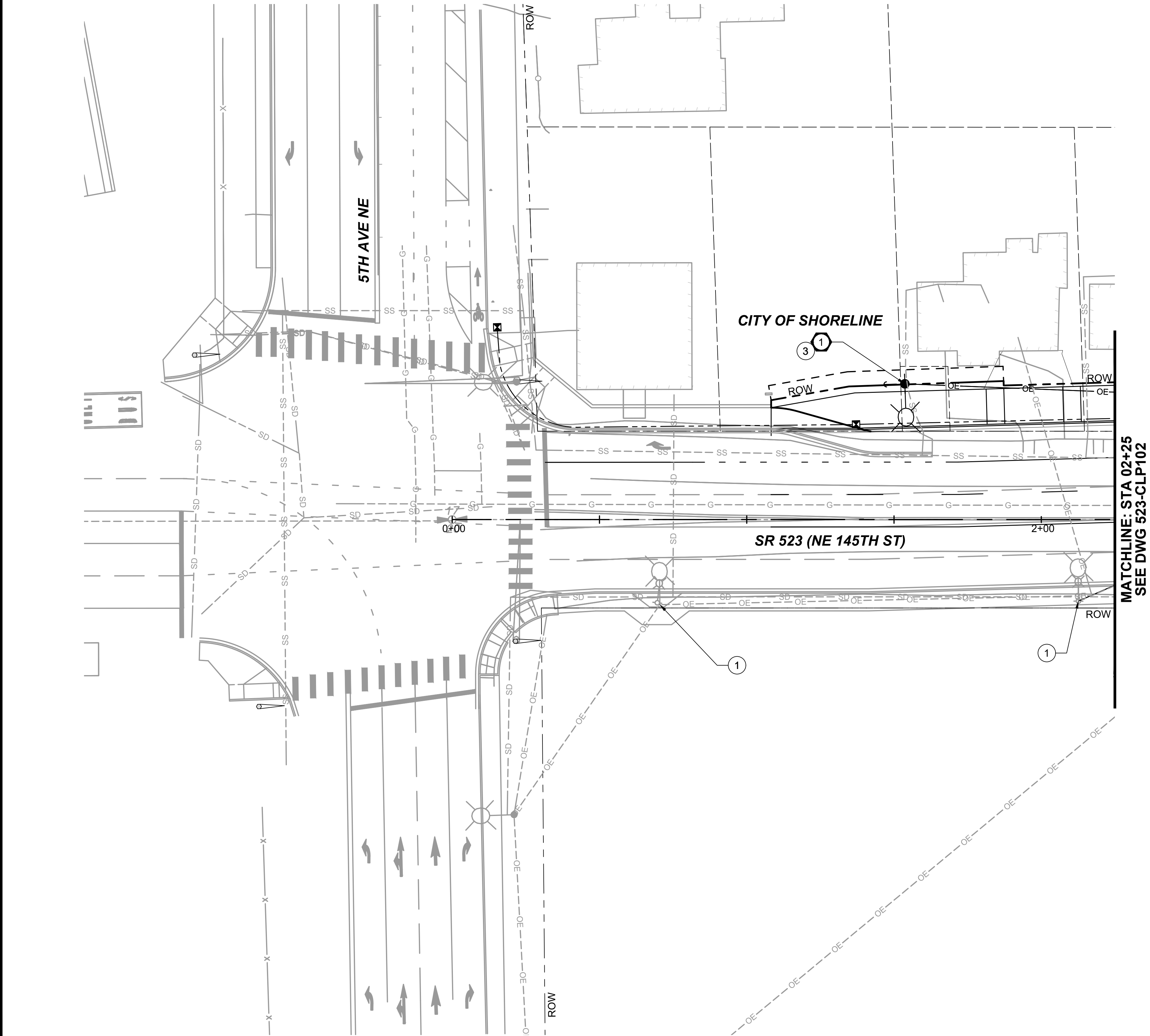
SR 523 (NE 145TH STREET)

CIVIL

ILLUMINATION GENERAL NOTES, LEGEND
AND ABBREVIATIONS

DRAWING No.:	523-CLN101
LOCATION ID:	523
SHEET No.:	121
REV:	

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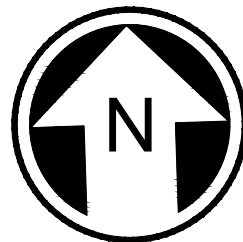


GENERAL NOTES:

- SEE SHEET CLN101 FOR LEGEND ABBREVIATIONS AND GENERAL NOTES.
- SEE SHEET CLS101 FOR WIRE SCHEDULES.
- SEE SHEET CLS102-CLS103 FOR LUMINAIRE SCHEDULES.

CONSTRUCTION NOTES:

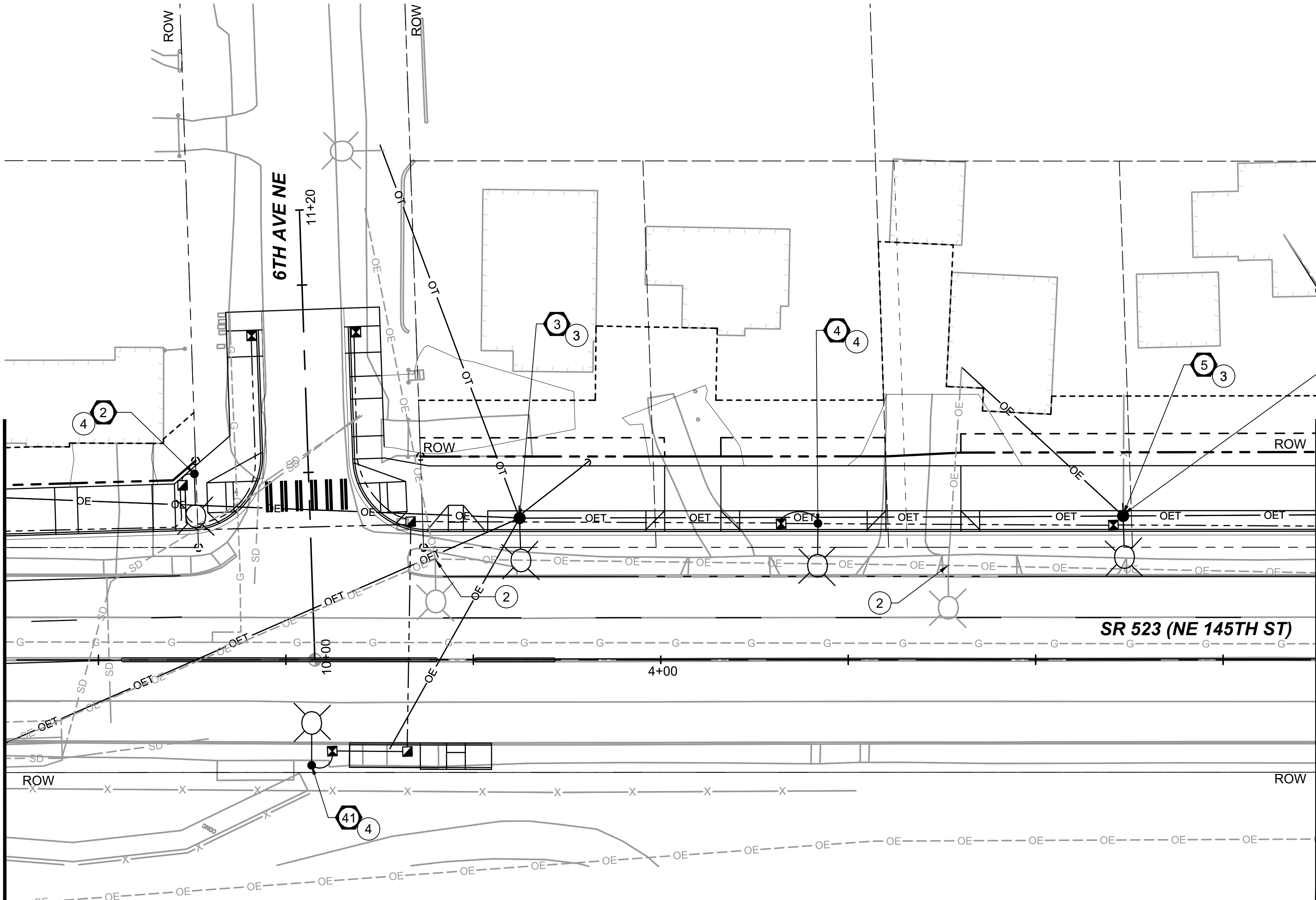
- PROTECT AND MAINTAIN EXISTING UTILITY POLE, LUMINAIRE ARM AND LIGHT FIXTURE.
- LUMINAIRE ARM AND FIXTURE ON EXISTING UTILITY POLE TO BE REMOVED BY OTHERS.
- NEW LUMINAIRE ARM AND FIXTURE ON UTILITY POLE, TO BE INSTALLED BY OTHERS. SEE LUMINAIRE SCHEDULE.
- INSTALL NEW LIGHT STANDARD POLE AND ARM PER CITY OF SEATTLE STANDARD PLAN NO. 572. INSTALL LED FIXTURE PER SCL MATERIAL STANDARDS. SEE LUMINAIRE SCHEDULE.
- LIGHT FIXTURE INSTALLED ON TYPE III SIGNAL POLE. SEE SIGNAL PLANS.
- PROTECT AND MAINTAIN EXISTING LUMINAIRE ARM AND LIGHT FIXTURE ON TYPE III SIGNAL POLE.



DRAFT 30% SUBMITTAL							DESIGNED BY: T. TEAL	<div>Jacobs</div> <div>DAVID EVANS AND ASSOCIATES INC. 14432 SE Eastgate Way, Suite 400 Bellevue Washington 98007 Phone: 425.519.6500</div>			LINE IS 1" AT FULL SCALE	<div>SOUNDTRANSIT</div>	SCALE: 1" = 20'	SR 522 / 145TH BRT			DRAWING No.: 523-CLP101
							DRAWN BY: J. STEVENS						FILENAME: BRT-523-CLP101-109	SR 523 (NE 145TH STREET)			LOCATION ID: 523
							CHECKED BY: B. BARTON						CONTRACT No.: AE 0055-17	CIVIL ILLUMINATION PLAN STA. 0+00 TO STA. 2+25			SHEET No.: 122
							APPROVED BY: J. MCKENZIE						DATE: 10/09/20				REV:
No.	DATE	DSN	CHK	APP	REVISION			SUBMITTED BY: D. SCHOCK	DATE:	REVIEWED BY: B. KEMPER	DATE:						

10/06/20 | 3:53 PM | RVLJNOZ
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MATCHLINE: STA 02+25
SEE DWG 523-CLP101



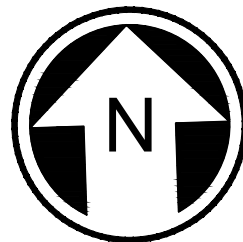
MATCHLINE: STA 05+75
SEE DWG 523-CLP103

GENERAL NOTES:

- SEE SHEET CLN101 FOR LEGEND ABBREVIATIONS AND GENERAL NOTES.
- SEE SHEET CLS101 FOR WIRE SCHEDULES.
- SEE SHEET CLS102-CLS103 FOR LUMINAIRE SCHEDULES.

CONSTRUCTION NOTES:

- PROTECT AND MAINTAIN EXISTING UTILITY POLE, LUMINAIRE ARM AND LIGHT FIXTURE.
- LUMINAIRE ARM AND FIXTURE ON EXISTING UTILITY POLE TO BE REMOVED BY OTHERS.
- NEW LUMINAIRE ARM AND FIXTURE ON UTILITY POLE, TO BE INSTALLED BY OTHERS. SEE LUMINAIRE SCHEDULE.
- INSTALL NEW LIGHT STANDARD POLE AND ARM PER CITY OF SEATTLE STANDARD PLAN NO. 572. INSTALL LED FIXTURE PER SCL MATERIAL STANDARDS. SEE LUMINAIRE SCHEDULE.
- LIGHT FIXTURE INSTALLED ON TYPE III SIGNAL POLE. SEE SIGNAL PLANS.
- PROTECT AND MAINTAIN EXISTING LUMINAIRE ARM AND LIGHT FIXTURE ON TYPE III SIGNAL POLE.



DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
T. TEAL
DRAWN BY:
J. STEVENS
CHECKED BY:
B. BARTON
APPROVED BY:
J. MCKENZIE

Jacobs



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Phone: 425.519.6500

SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER

LINE IS 1" AT
FULL SCALE



DATE:

SCALE:
1" = 20'
FILENAME:
BRT-523-CLP101-109
CONTRACT No.:
AE 0055-17
DATE:
10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

CIVIL
ILLUMINATION PLAN
STA. 2+25 TO STA. 5+75

DRAWING No.:

523-CLP102

LOCATION ID:

523

SHEET No.:

123

REV:

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DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

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Phone: 425.519.6500

SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER

LINE IS 1" AT
FULL SCALE



SCALE:	1" = 20'
FILENAME:	BRT-523-CLP101-109
CONTRACT No.:	AE 0055-17
DATE:	10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

CIVIL
ILLUMINATION PLAN
STA. 5+75 TO STA. 9+75

DRAWING No.:

523-CLP103

LOCATION ID:

523

SHEET No.:

124

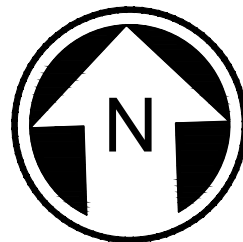
REV:

GENERAL NOTES:

- SEE SHEET CLN101 FOR LEGEND ABBREVIATIONS AND GENERAL NOTES.
- SEE SHEET CLS101 FOR WIRE SCHEDULES.
- SEE SHEET CLS102-CLS103 FOR LUMINAIRE SCHEDULES.

CONSTRUCTION NOTES:

- PROTECT AND MAINTAIN EXISTING UTILITY POLE, LUMINAIRE ARM AND LIGHT FIXTURE.
- LUMINAIRE ARM AND FIXTURE ON EXISTING UTILITY POLE TO BE REMOVED BY OTHERS.
- NEW LUMINAIRE ARM AND FIXTURE ON UTILITY POLE, TO BE INSTALLED BY OTHERS. SEE LUMINAIRE SCHEDULE.
- INSTALL NEW LIGHT STANDARD POLE AND ARM PER CITY OF SEATTLE STANDARD PLAN NO. 572. INSTALL LED FIXTURE PER SCL MATERIAL STANDARDS. SEE LUMINAIRE SCHEDULE.
- LIGHT FIXTURE INSTALLED ON TYPE III SIGNAL POLE. SEE SIGNAL PLANS.
- PROTECT AND MAINTAIN EXISTING LUMINAIRE ARM AND LIGHT FIXTURE ON TYPE III SIGNAL POLE.

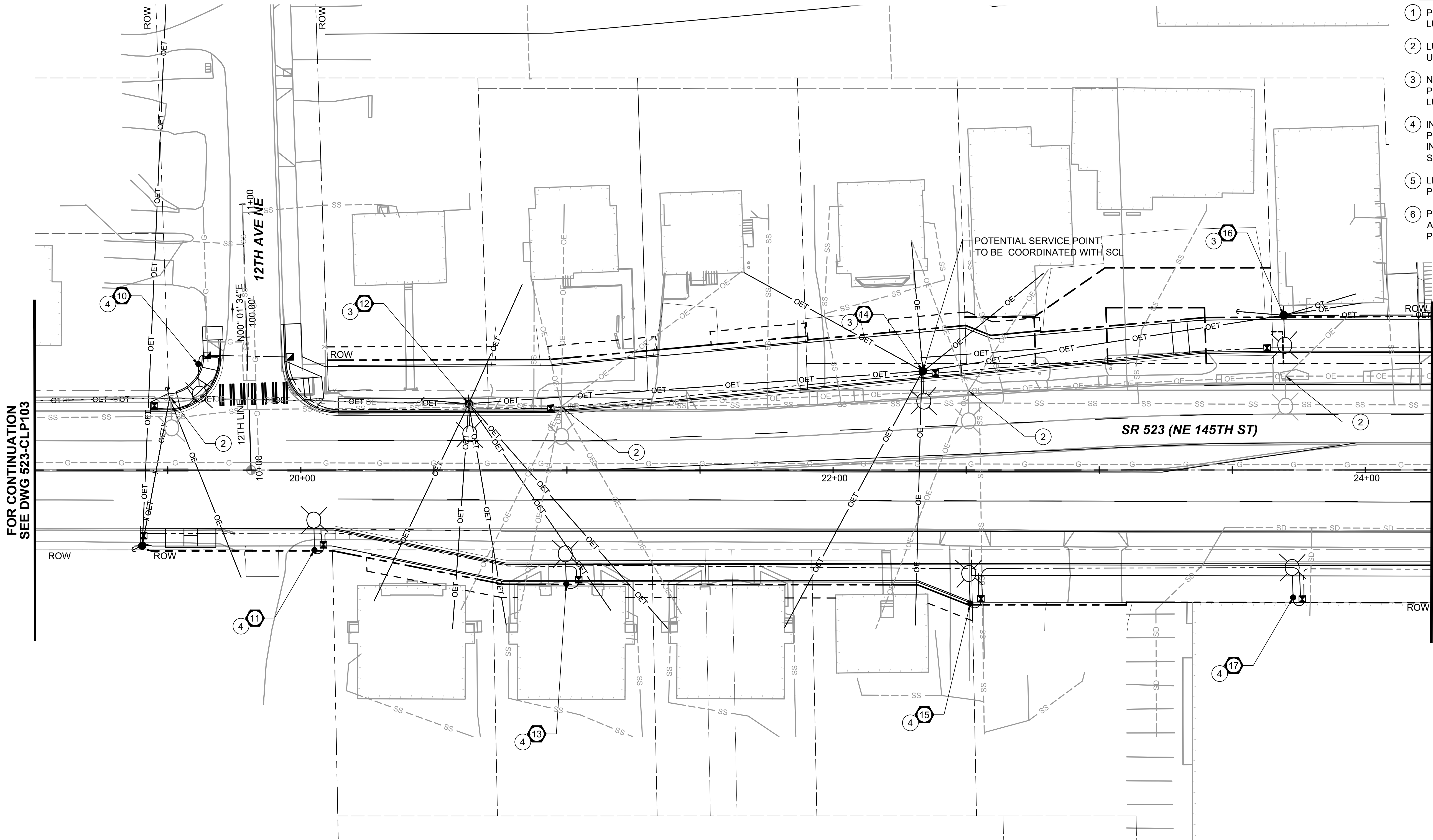


GENERAL NOTES:

- SEE SHEET CLN101 FOR LEGEND ABBREVIATIONS AND GENERAL NOTES.
- SEE SHEET CLS101 FOR WIRE SCHEDULES.
- SEE SHEET CLS102-CLS103 FOR LUMINAIRE SCHEDULES.

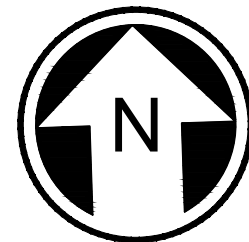
CONSTRUCTION NOTES:

- PROTECT AND MAINTAIN EXISTING UTILITY POLE, LUMINAIRE ARM AND LIGHT FIXTURE.
- LUMINAIRE ARM AND FIXTURE ON EXISTING UTILITY POLE TO BE REMOVED BY OTHERS.
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- LIGHT FIXTURE INSTALLED ON TYPE III SIGNAL POLE. SEE SIGNAL PLANS.
- PROTECT AND MAINTAIN EXISTING LUMINAIRE ARM AND LIGHT FIXTURE ON TYPE III SIGNAL POLE.



FOR CONTINUATION
SEE DWG 523-CLP103

MATCHLINE: STA 24+25
SEE DWG 523-CLP107



DRAFT 30% SUBMITTAL

DESIGNED BY:
T. TEAL
DRAWN BY:
J. STEVENS
CHECKED BY:
B. BARTON
APPROVED BY:
J. MCKENZIE

Jacobs



DAVID EVANS
AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER



DATE:

SCALE:
1" = 20'
FILENAME:
BRT-523-CLP101-109
CONTRACT No.:
AE 0055-17
DATE:
10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

CIVIL
ILLUMINATION PLAN
STA. 19+00 TO STA. 24+25

DRAWING No.:
523-CLP106
LOCATION ID:
523
SHEET No.:
125

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DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:	T. TEAL
DRAWN BY:	J. STEVENS
CHECKED BY:	B. BARTON
APPROVED BY:	J. MCKENZIE

Jacobs



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SUBMITTED BY:
D. SCHOCK

DATE:

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B. KEMPER



DATE:

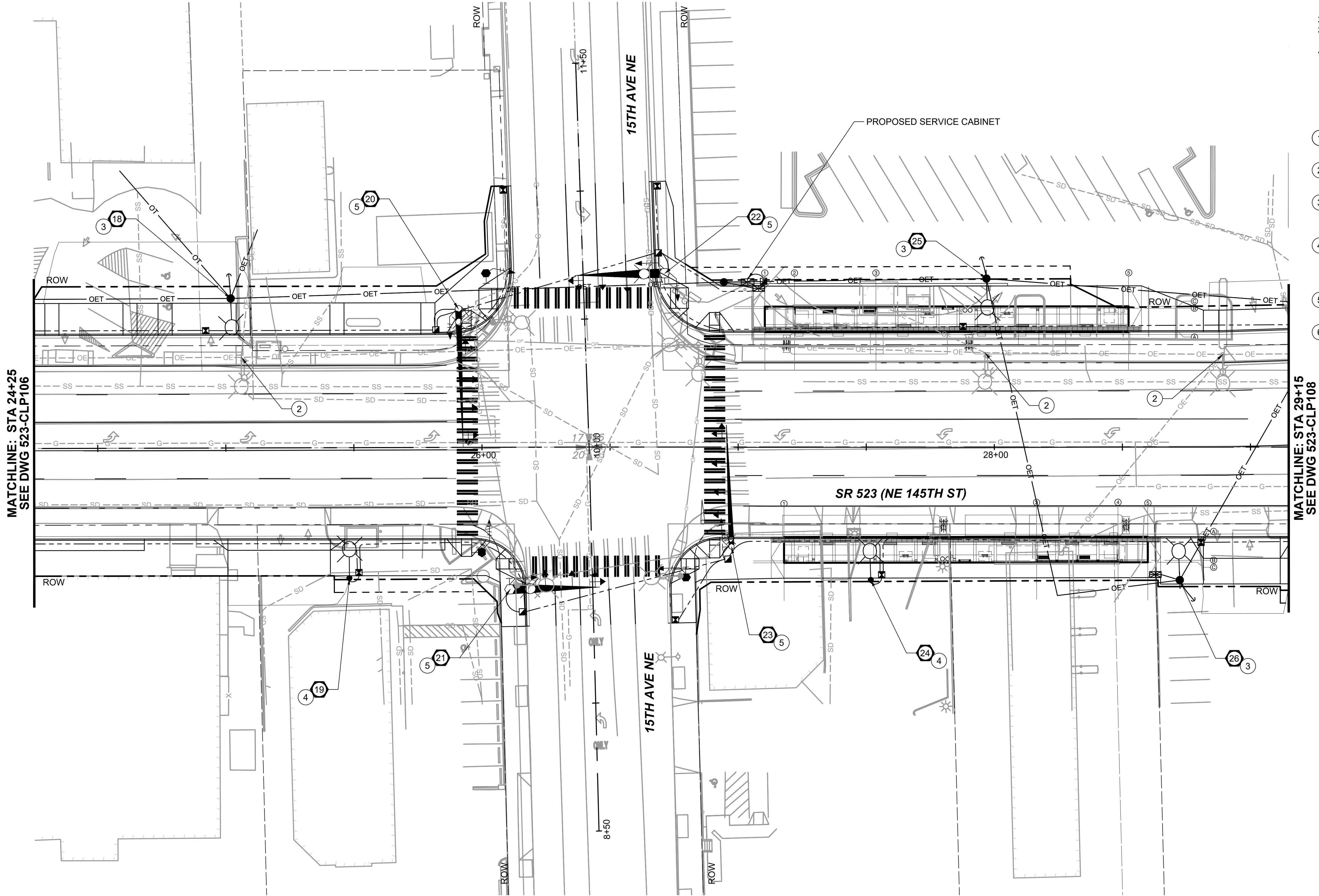
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FILENAME:	BRT-523-CLP101-109
CONTRACT No.:	AE 0055-17
DATE:	10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

CIVIL
ILLUMINATION PLAN
STA. 24+25 TO STA. 29+15

DRAWING No.:	523-CLP107
LOCATION ID:	523
SHEET No.:	REV:
126	

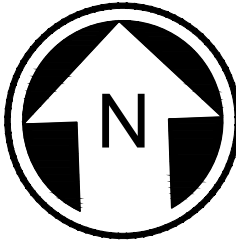


GENERAL NOTES:

- SEE SHEET CLN101 FOR LEGEND ABBREVIATIONS AND GENERAL NOTES.
- SEE SHEET CLS101 FOR WIRE SCHEDULES.
- SEE SHEET CLS102-CLS103 FOR LUMINAIRE SCHEDULES.
- SUPPLEMENTAL STATION ILLUMINATION MAY BE REQUIRED. ONCE STATION LIGHT LEVEL GUIDELINES ARE ESTABLISHED BY SOUND TRANSIT, STATION ILLUMINATION LIGHT LEVELS WILL BE EVALUATED.

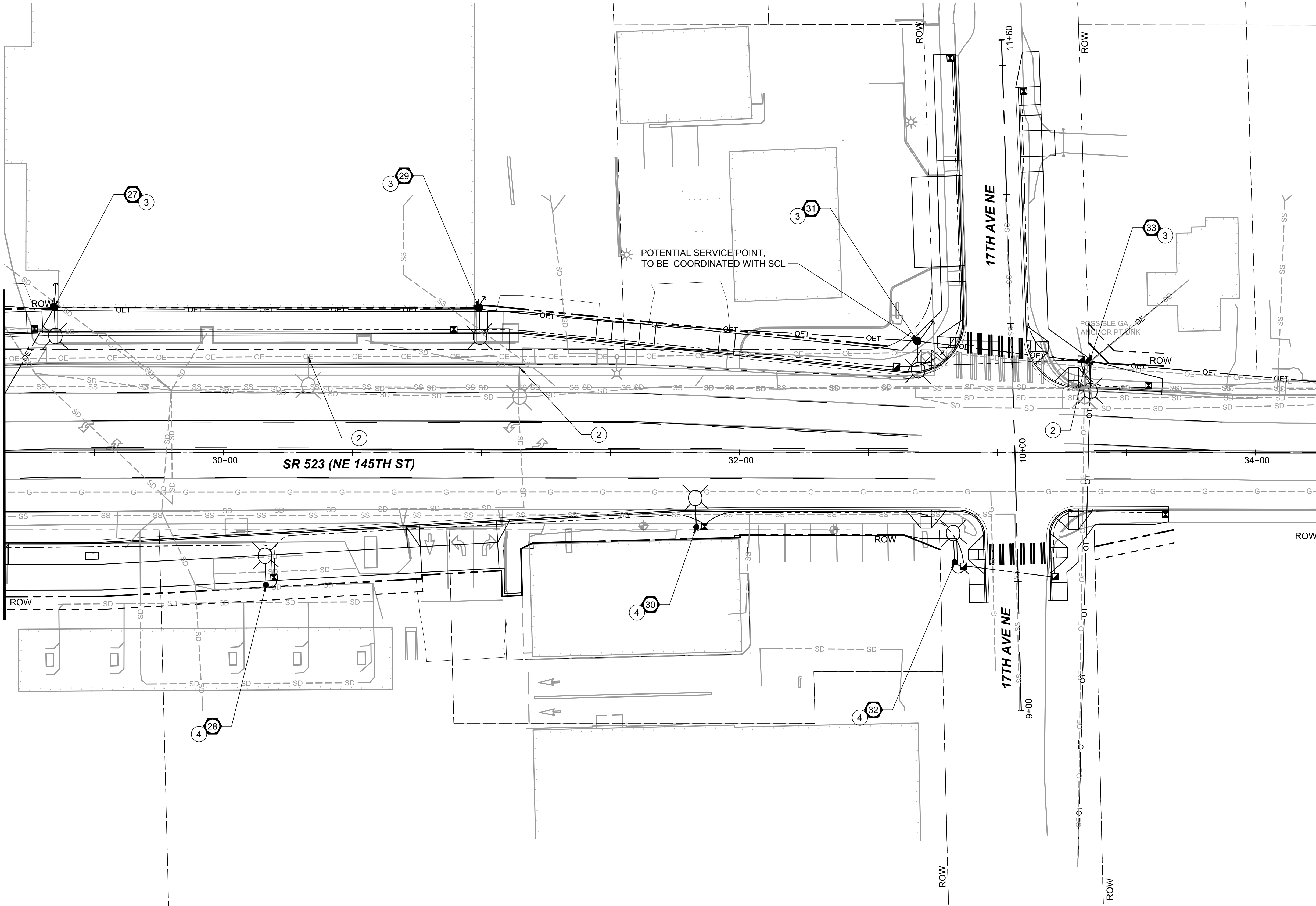
CONSTRUCTION NOTES:

- PROTECT AND MAINTAIN EXISTING UTILITY POLE, LUMINAIRE ARM AND LIGHT FIXTURE.
- LUMINAIRE ARM AND FIXTURE ON EXISTING UTILITY POLE TO BE REMOVED BY OTHERS.
- NEW LUMINAIRE ARM AND FIXTURE ON UTILITY POLE, TO BE INSTALLED BY OTHERS. SEE LUMINAIRE SCHEDULE.
- INSTALL NEW LIGHT STANDARD POLE AND ARM PER CITY OF SEATTLE STANDARD PLAN NO. 572. INSTALL LED FIXTURE PER SCL MATERIAL STANDARDS. SEE LUMINAIRE SCHEDULE.
- LIGHT FIXTURE INSTALLED ON TYPE III SIGNAL POLE. SEE SIGNAL PLANS.
- PROTECT AND MAINTAIN EXISTING LUMINAIRE ARM AND LIGHT FIXTURE ON TYPE III SIGNAL POLE.



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MATCHLINE: STA 29+15
SEE DWG 523-CLP107



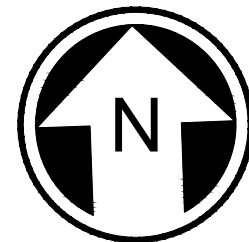
FOR CONTINUATION
SEE DWG 523-CLP115

GENERAL NOTES:

1. SEE SHEET CLN101 FOR LEGEND ABBREVIATIONS AND GENERAL NOTES.
2. SEE SHEET CLS101 FOR WIRE SCHEDULES.
3. SEE SHEET CLS102-CLS103 FOR LUMINAIRE SCHEDULES.

CONSTRUCTION NOTES:

- 1 PROTECT AND MAINTAIN EXISTING UTILITY POLE, LUMINAIRE ARM AND LIGHT FIXTURE.
- 2 LUMINAIRE ARM AND FIXTURE ON EXISTING UTILITY POLE TO BE REMOVED BY OTHERS.
- 3 NEW LUMINAIRE ARM AND FIXTURE ON UTILITY POLE, TO BE INSTALLED BY OTHERS. SEE LUMINAIRE SCHEDULE.
- 4 INSTALL NEW LIGHT STANDARD POLE AND ARM PER CITY OF SEATTLE STANDARD PLAN NO. 572. INSTALL LED FIXTURE PER SCL MATERIAL STANDARDS. SEE LUMINAIRE SCHEDULE.
- 5 LIGHT FIXTURE INSTALLED ON TYPE III SIGNAL POLE. SEE SIGNAL PLANS.
- 6 PROTECT AND MAINTAIN EXISTING LUMINAIRE ARM AND LIGHT FIXTURE ON TYPE III SIGNAL POLE.



DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
T. TEAL
DRAWN BY:
J. STEVENS
CHECKED BY:
B. BARTON
APPROVED BY:
J. MCKENZIE

Jacobs



**DAVID EVANS
AND ASSOCIATES INC.**
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER

LINE IS 1" AT
FULL SCALE



DATE:

SCALE:
1" = 20'
FILENAME:
BRT-523-CLP101-109
CONTRACT No.:
AE 0055-17
DATE:
10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

CIVIL
ILLUMINATION PLAN
STA. 29+15 TO STA. 34+25

DRAWING No.:

523-CLP108

LOCATION ID:

523

SHEET No.:

REV:

127

10/06/20 | 4:09 PM | RMUNOZ
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DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
T. TEAL
DRAWN BY:
J. STEVENS
CHECKED BY:
B. BARTON
APPROVED BY:
J. MCKENZIE

Jacobs



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Bellevue Washington 98007
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SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER

DATE:

LINE IS 1" AT
FULL SCALE



SCALE:
1" = 20'
FILENAME:
BRT-523-CLP110-118
CONTRACT No.:
AE 0055-17
DATE:
10/09/20

SR 522 / 145TH BRT
SR 523 (NE 145TH STREET)
CIVIL
ILLUMINATION PLAN
STA. 62+25 TO STA. 67+25

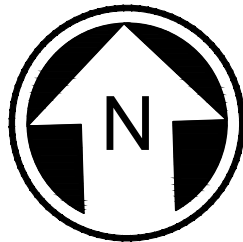
DRAWING No.:
523-CLP115
LOCATION ID:
523
SHEET No.:
128
REV:

GENERAL NOTES:

- SEE SHEET CLN101 FOR LEGEND ABBREVIATIONS AND GENERAL NOTES.
- SEE SHEET CLS101 FOR WIRE SCHEDULES.
- SEE SHEET CLS102-CLS103 FOR LUMINAIRE SCHEDULES.
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- PROTECT AND MAINTAIN EXISTING LUMINAIRE ARM AND LIGHT FIXTURE ON TYPE III SIGNAL POLE.



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DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
T. TEAL
DRAWN BY:
J. STEVENS
CHECKED BY:
B. BARTON
APPROVED BY:
J. MCKENZIE

Jacobs



DAVID EVANS
AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER

DATE:

LINE IS 1" AT
FULL SCALE

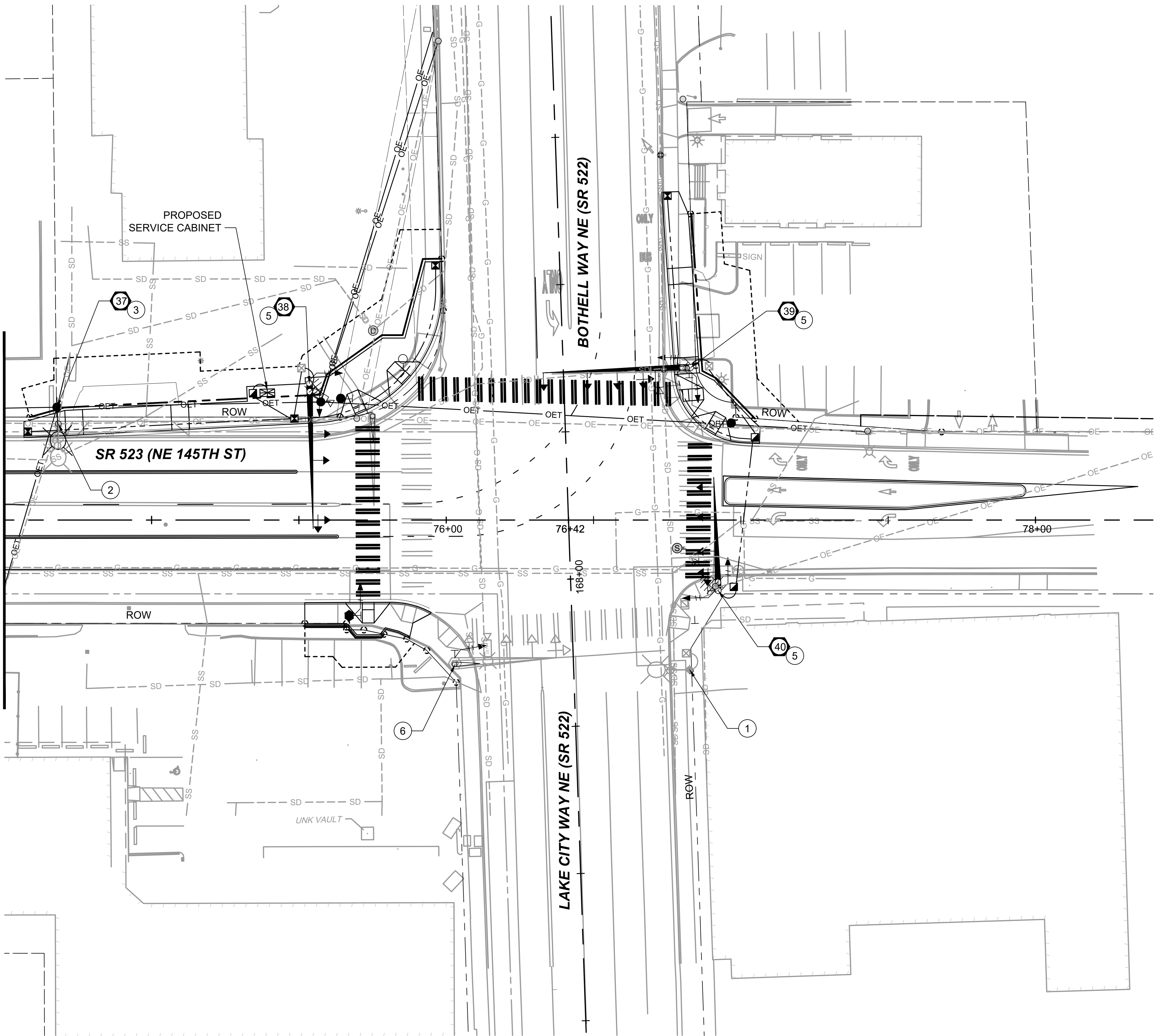


SCALE:
1" = 20'
FILENAME:
BRT-523-CLP110-118
CONTRACT No.:
AE 0055-17
DATE:
10/09/20

SR 522 / 145TH BRT
SR 523 (NE 145TH STREET)
CIVIL
ILLUMINATION PLAN
STA. 74+50 TO STA. 78+35

DRAWING No.:
523-CLP118
LOCATION ID:
523
SHEET No.:
129
REV:

FOR CONTINUATION
SEE DWG 523-CLP115

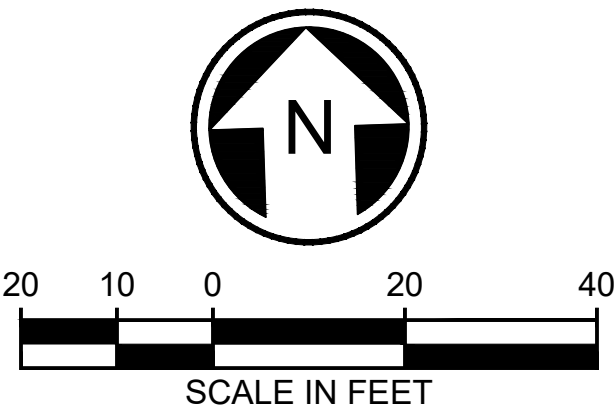


GENERAL NOTES:

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- SEE SHEET CLS101 FOR WIRE SCHEDULES.
- SEE SHEET CLS102-CLS103 FOR LUMINAIRE SCHEDULES.

CONSTRUCTION NOTES:

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DRAFT 30% SUBMITTAL						DESIGNED BY: T. TEAL				DAVID EVANS AND ASSOCIATES INC. 14432 SE Eastgate Way, Suite 400 Bellevue Washington 98007 Phone: 425.519.6500	LINE IS 1" AT FULL SCALE		SCALE: NTS	SR 522 / 145TH BRT	DRAWING No.: 523-CLS101
						DRAWN BY: J. STEVENS							LOCATION ID: 523		
						CHECKED BY: B. BARTON							SHEET No.: 130		
						APPROVED BY:							REV:		
						J. MCKENZIE									
No.	DATE	DSN	CHK	APP	REVISION	SUBMITTED BY: D. SCHOCK	DATE:	REVIEWED BY: B. KEMPER	DATE:	10/09/20	SR 523 (NE 145TH STREET) CIVIL ILLUMINATION WIRING SCHEDULE				

WIRE SCHEDULE TO BE COMPLETED FOR FUTURE SUBMITTAL

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LUMINAIRE SCHEDULE													
LUMINAIRE NUMBER	CIRCUIT	LOCATION			POLE TYPE	POLE LENGTH	FOUNDATION TYPE	LUMINAIRE ARM LENGTH	PHOTOMETRIC FILE (.IES)	TYPE - DISTRIBUTION - WATTAGE	MOUNTING HEIGHT	CITY LIGHT POLE NO.	COMMENTS
		ALGN	STATION	OFFSET									
1	X	145th-LINE	1+53.5	46.0' LT	SCL	XX'	N/A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		SEE UTILITY PLANS FOR POLE DETAILS
2	X	145th-LINE	2+75.5	49.5' LT	ST LIGHT *	38.5'	COS STD PLAN 543A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		
3	X	145th-LINE	3+62.5	38.0' LT	SCL	XX'	N/A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		SEE UTILITY PLANS FOR POLE DETAILS
4	X	145th-LINE	4+42.0	36.5' LT	ST LIGHT *	38.5'	COS STD PLAN 543A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		
5	X	145th-LINE	5+23.5	38.5' LT	SCL	XX'	N/A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		SEE UTILITY PLANS FOR POLE DETAILS
6	X	145th-LINE	6+13.0	39.0' LT	SCL	XX'	N/A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		SEE UTILITY PLANS FOR POLE DETAILS
7	X	145th-LINE	6+85.0	54.5' LT	ST LIGHT *	38.5'	COS STD PLAN 543A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		
8	X	145th-LINE	7+24.5	23.0' RT	ST LIGHT *	38.5'	COS STD PLAN 543A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		
9	X	145th-LINE	8+45.0	30.5' LT	SCL	XX'	N/A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		SEE UTILITY PLANS FOR POLE DETAILS
10	X	145th-LINE	19+61.5	40.0' LT	ST LIGHT *	38.5'	COS STD PLAN 543A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		
11	X	145th-LINE	20+05.0	30.0' RT	ST LIGHT *	38.5'	COS STD PLAN 543A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		
12	X	145th-LINE	20+63.0	25.0' LT	SCL	XX'	N/A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		SEE UTILITY PLANS FOR POLE DETAILS
13	X	145th-LINE	20+99.5	43.0' RT	ST LIGHT *	38.5'	COS STD PLAN 543A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		
14	X	145th-LINE	22+33.5	37.0' LT	SCL	XX'	N/A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		SEE UTILITY PLANS FOR POLE DETAILS
15	X	145th-LINE	22+51.5	50.0' RT	ST LIGHT *	38.5'	COS STD PLAN 543A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		
16	X	145th-LINE	23+69.5	57.5' LT	SCL	XX'	N/A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		SEE UTILITY PLANS FOR POLE DETAILS
17	X	145th-LINE	23+73.0	48.0' RT	ST LIGHT *	38.5'	COS STD PLAN 543A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		
18	X	145th-LINE	25+02.0	58.5' LT	SCL	XX'	N/A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		SEE UTILITY PLANS FOR POLE DETAILS
19	X	145th-LINE	25+48.0	51.0' RT	ST LIGHT *	38.5'	COS STD PLAN 543A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		
20	X	SEE SIGNAL PLANS FOR POLE PSXX						12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		SEE SIGNAL PLANS FOR FOUNDATION AND POLE DETAILS
21	X	SEE SIGNAL PLANS FOR POLE PSXX						12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		SEE SIGNAL PLANS FOR FOUNDATION AND POLE DETAILS
22	X	SEE SIGNAL PLANS FOR POLE PSXX						12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		SEE SIGNAL PLANS FOR FOUNDATION AND POLE DETAILS
23	X	SEE SIGNAL PLANS FOR POLE PSXX						12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		SEE SIGNAL PLANS FOR FOUNDATION AND POLE DETAILS
24	X	145th-LINE	27+52.0	52.0' RT	ST LIGHT, SEE NOTE 4	38.5'	COS STD PLAN 543A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		
25	X	145th-LINE	27+97.0	66.0' LT	SCL	XX'	N/A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		SEE UTILITY PLANS FOR POLE DETAILS
26	X	145th-LINE	28+72.5	52.0' RT	SCL	XX'	N/A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		SEE UTILITY PLANS FOR POLE DETAILS
27	X	145th-LINE	29+34.5	56.5' LT	SCL	XX'	N/A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		SEE UTILITY PLANS FOR POLE DETAILS
28	X	145th-LINE	30+16.5	51.5' RT	ST LIGHT *	38.5'	COS STD PLAN 543A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		
29	X	145th-LINE	30+99.0	56.0' LT	SCL	XX'	N/A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		SEE UTILITY PLANS FOR POLE DETAILS
30	X	145th-LINE	31+83.0	29.0' RT	ST LIGHT *	38.5'	N/A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		
31	X	145th-LINE	32+69.0	43.0' LT	SCL	XX'	N/A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		SEE UTILITY PLANS FOR POLE DETAILS
32	X	145th-LINE	32+83.5	42.5' RT	ST LIGHT *	38.5'	COS STD PLAN 543A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		
33	X	145th-LINE	33+35.5	35.0' LT	SCL	XX'	N/A	12'	GC2-120F-MV-NW-2-XX-700- S	LED-TYPE II, 260W	40'		SEE UTILITY PLANS FOR POLE DETAILS

* SEE CONSTRUCTION NOTE #4 ON ILLUMINATION PLAN SHEETS
FOR DETAILS ON POLE TYPE

DRAFT 30% SUBMITTAL							DESIGNED BY: T. TEAL		<div></div>	<div>Jacobs</div> <div>DAVID EVANS AND ASSOCIATES INC. 14432 SE Eastgate Way, Suite 400 Bellevue Washington 98007 Phone: 425.519.6500</div>		<div>LINE IS 1"=40' FULL SCALE</div>	<div></div>	SCALE: NTS	SR 522 / 145TH BRT SR 523 (NE 145TH STREET) CIVIL ILLUMINATION LUMINAIRE SCHEDULE		DRAWING No.: 523-CLS102	
							FILENAME: BRT-523-CLP110-118	LOCATION ID: 523										
CONTRACT No.: AE 0055-17	SHEET No.: 131																	
DATE: 10/09/20	REV:																	
No.	DATE	DSN	CHK	APP	REVISION	APPROVED BY: J. MCKENZIE		SUBMITTED BY: D. SCHOCK						DATE: 			REVIEWED BY: B. KEMPER	

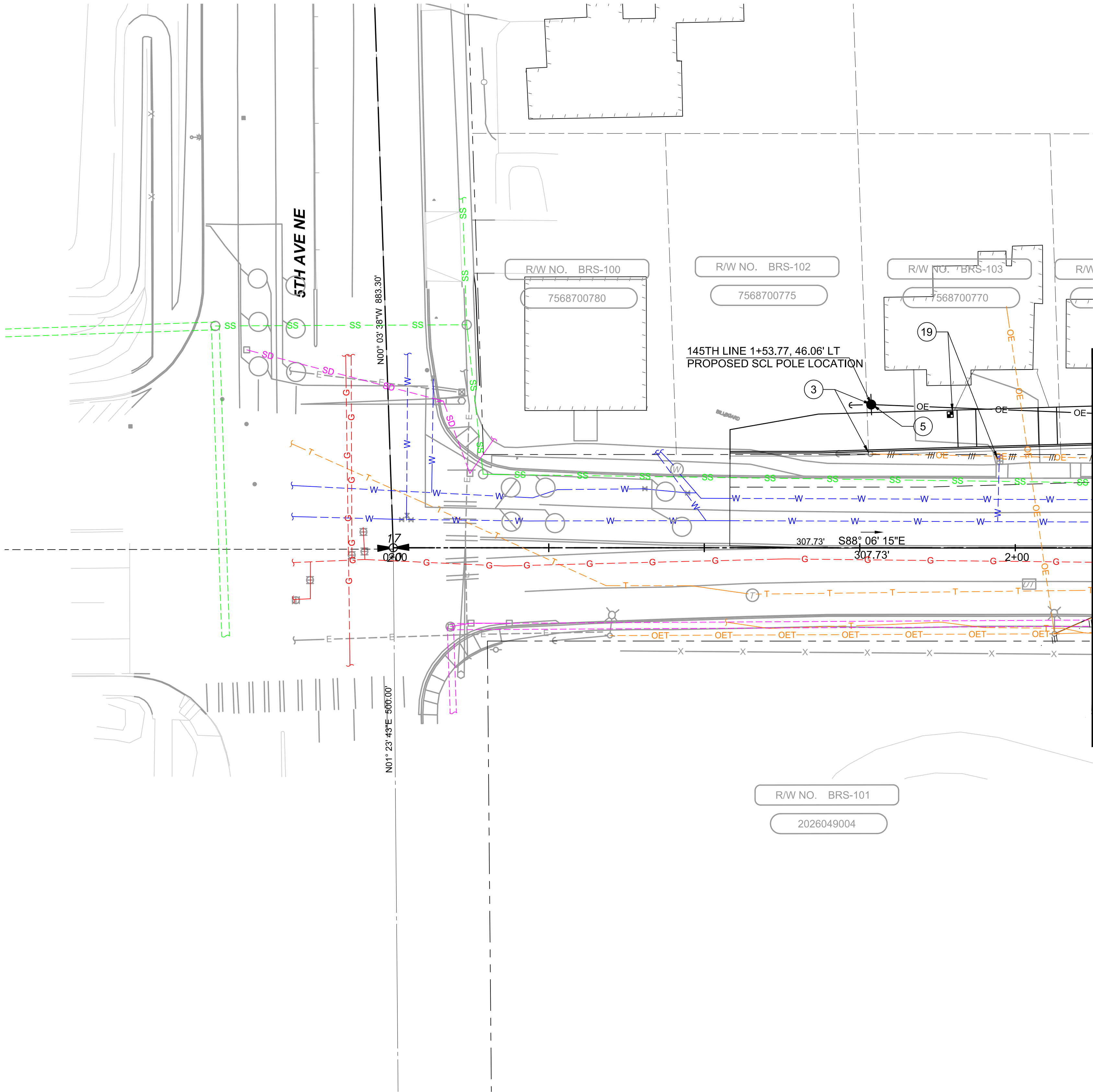
LUMINAIRE SCHEDULE (CONTINUED)													
LUMINAIRE NUMBER	CIRCUIT	LOCATION			POLE TYPE	POLE LENGTH	FOUNDATION TYPE	LUMINAIRE ARM LENGTH	PHOTOMETRIC FILE (.IES)	TYPE - DISTRIBUTION - WATTAGE	MOUNTING HEIGHT	CITY LIGHT POLE NO.	COMMENTS
		ALGN	STATION	OFFSET									
34	X	145th-LINE	63+30.5	45.0' LT	ST LIGHT *	38.5'	COS STD PLAN 543A	12'	GC2-120F-MV-NW- 2-XX-700- S	LED-TYPE II, 260W	40'		
35	X	145th-LINE	63+44.0	32.0' RT	ST LIGHT *	38.5'	COS STD PLAN 543A	12'	GC2-120F-MV-NW- 2-XX-700- S	LED-TYPE II, 260W	40'		
36	X	145th-LINE	64+73.5	30.0' LT	SCL	XX'	N/A	12'	GC2-120F-MV-NW- 2-XX-700- S	LED-TYPE II, 260W	40'		SEE UTILITY PLANS FOR POLE DETAILS
37	X	145th-LINE	74+68.0	38.5' LT	SCL	XX'	N/A	12'	GC2-120F-MV-NW- 2-XX-700- S	LED-TYPE II, 260W	40'		SEE UTILITY PLANS FOR POLE DETAILS
38	X	SEE SIGNAL PLANS FOR POLE PSXX						12'	ATB2 60BLEDE70 XXXXX R3 3K	LED-TYPE III, 135W	40'		SEE SIGNAL PLANS FOR FOUNDATION AND POLE DETAILS
39	X	SEE SIGNAL PLANS FOR POLE PSXX						12'	ATB2 60BLEDE70 XXXXX R3 3K	LED-TYPE III, 135W	40'		SEE SIGNAL PLANS FOR FOUNDATION AND POLE DETAILS
40	X	SEE SIGNAL PLANS FOR POLE PSXX						12'	ATB2 60BLEDE70 XXXXX R3 3K	LED-TYPE III, 135W	40'		SEE SIGNAL PLANS FOR FOUNDATION AND POLE DETAILS
41	X	145th-LINE	03+07.0	28.0' RT	ST LIGHT *	38.5'	COS STD PLAN 543A	12'	GC2-120F-MV-NW- 2-XX-700- S	LED-TYPE II, 260W	40'		

* SEE CONSTRUCTION NOTE #4 ON ILLUMINATION PLAN SHEETS
FOR DETAILS ON POLE TYPE

10/06/20 | 4:22 PM | RMUNOZ
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DRAFT 30% SUBMITTAL						DESIGNED BY: T. TEAL			<div>Jacobs</div> <div>DAVID EVANS AND ASSOCIATES INC. 14432 SE Eastgate Way, Suite 400 Bellevue Washington 98007 Phone: 425.519.6500</div>	<div>LINE IS 1" AT FULL SCALE</div>	<div>SOUNDTRANSIT</div>	SCALE: NTS	SR 522 / 145TH BRT		DRAWING No.: 523-CLS103		
						FILENAME: BRT-523-CLP110-118											
						CHECKED BY: B. BARTON	SUBMITTED BY: D. SCHOCK					DATE:	REVIEWED BY: B. KEMPER	DATE:	SR 523 (NE 145TH STREET)		LOCATION ID: 523
						APPROVED BY:								DATE:	CIVIL ILLUMINATION LUMINAIRE SCHEDULE		SHEET No.: 132
No.	DATE	DSN	CHK	APP	REVISION	J. MCKENZIE									10/09/20		

10/06/20 | 8:31 AM | KANDULS
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GENERAL NOTES:

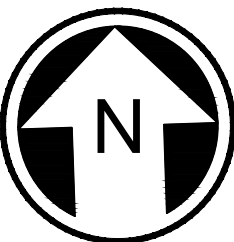
- UTILITY QUALITY LEVEL A :** PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL AND VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15-MM VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY AND MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.
- UTILITY QUALITY LEVEL B :** INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QUALITY LEVEL B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THE DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.
- UTILITY QUALITY LEVEL C :** INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.
- UTILITY QUALITY LEVEL D :** INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.
- CERTAIN EXISTING UNDERGROUND UTILITIES, INCLUDING STREET LIGHT UNDERGROUND POWER IN LOCALIZED AREAS ARE NOT INDICATED ON UTILITY BASEMAP.
- EXISTING UTILITY SERVICES (OR LATERALS) SERVING COMMERCIAL/RESIDENTIAL CUSTOMERS ADJACENT TO 145TH AVE ARE SHOWN ONLY TO CERTAIN EXTEND.
- PLANIMETRIC LIMITS OF ANTICIPATED UTILITY RELOCATIONS ARE LIMITS TO SHOWING THE ANTICIPATED RELOCATION OF UTILITY SURFACE FEATURES ONLY.

CONSTRUCTION NOTES:

- RELOCATE SCL POLE INTO THE PLANTER STRIP.
- PROTECT EXISTING FEATURE IN PLACE.
- RELOCATE SCL POLE TO FACE OF SIDEWALK.
- RELOCATE THE SIGN.
- ADD A LUMINARIE TO THE POLE.
- INSTALL NEW GUY ANCHOR SUPPORT TO SCL POLE.
- RELOCATE EXISTING LIGHT POLE BEHIND THE ADA RAMP.
- ADD A NEW POLE TO FACE OF SIDEWALK.
- PROVIDE ALLEY ARMS TO ALL THE ATTACHMENTS OF THE POLE.
- ADJUST EXISTING UTILITY TO GRADE.
- RELOCATE UTILITY BOX.
- RELOCATE TRAFFIC CONTROLLER CABINET.
- RELOCATE TRAFFIC SIGNAL JUNCTION BOX.
- RELOCATE UTILITY MANHOLE.
- RELOCATE CCTV CABINET
- DEMO LUMINAIRE ON THE POLE
- DEMO SECONDARY FEED.
- DEMO EXISTING LIGHT POLE.
- RELOCATE WATER METER.
- RELOCATE FIRE HYDRANT.

LEGEND:

- FIRE HYDRANT
- WATER METER
- NEW OVERHEAD POWER LINE
- NEW OVERHEAD POWER AND TELECOM LINE
- SINGLE LUMINAIRE
- SCL POLE
- SCL LIGHT POLE
- GUY WIRE
- DEMO OVERHEAD LINE
- TRAFFIC SIGNAL JUNCTION BOX
- UTILITY BOX
- UTILITY MANHOLE
- CCTV CABINET
- TRAFFIC CONTROLLER CABINET
- TELECOM VAULT



<div>DRAFT 30% SUBMITTAL</div>						<div>DESIGNED BY: S. KANDULA</div>	<div><div>Jacobs</div><div><div>DAVID EVANS AND ASSOCIATES INC.</div><div>14432 SE Eastgate Way, Suite 400 Bellevue Washington 98007 Phone: 425.519.6500</div></div></div>	<div><div>LINE IS 1" AT FULL SCALE</div><div><div>SOUNDTRANSIT</div></div></div>	<div>SCALE: 1" = 20'</div>	<div>SR 522 / 145TH BRT</div> <div>SR 523 (NE 145TH STREET)</div> <div>UTILITY COMPOSITE UTILITY PLAN STA. 0+00 TO STA. 2+25</div>	<div>DRAWING No.: 523-UCP101</div>
<div>DRAWN BY: S. KANDULA</div>	<div>FILENAME: BRT-523-UCP101-118</div>	<div>LOCATION ID: 523</div>									
<div>CHECKED BY: D. WAGNER</div>	<div>CONTRACT No.: AE 0055-17</div>	<div>SHEET No.: 133</div>									
<div>APPROVED BY: J. MCKENZIE</div>	<div>DATE: 10/09/20</div>	<div>REV:</div>									
<div>No.</div>	<div>DATE</div>	<div>DSN</div>	<div>CHK</div>	<div>APP</div>	<div>REVISION</div>	<div>SUBMITTED BY: D. SCHOCK</div>			<div>DATE:</div>		<div>REVIEWED BY: B. KEMPER</div>

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DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
S. KANDULA
DRAWN BY:
S. KANDULA
CHECKED BY:
D. WAGNER
APPROVED BY:
J. MCKENZIE

Jacobs



DAVID EVANS
AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER

DATE:



SCALE:
1" = 20'
FILENAME:
BRT-523-UCP101-118
CONTRACT No.:
AE 0055-17
DATE:
10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

UTILITY
COMPOSITE UTILITY PLAN
STA. 2+25 TO STA. 5+75

DRAWING No.:
523-UCP102

LOCATION ID:

523

SHEET No.:

134

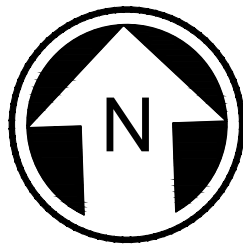
REV:

CONSTRUCTION NOTES:

- 1 RELOCATE SCL POLE INTO THE PLANTER STRIP.
- 2 PROTECT EXISTING FEATURE IN PLACE.
- 3 RELOCATE SCL POLE TO FACE OF SIDEWALK.
- 4 RELOCATE THE SIGN.
- 5 ADD A LUMINARIE TO THE POLE.
- 6 INSTALL NEW GUY ANCHOR SUPPORT TO SCL POLE.
- 7 RELOCATE EXISTING LIGHT POLE BEHIND THE ADA RAMP.
- 8 ADD A NEW POLE TO FACE OF SIDEWALK.
- 9 PROVIDE ALLEY ARMS TO ALL THE ATTACHMENTS OF THE POLE.
- 10 ADJUST EXISTING UTILITY TO GRADE.
- 11 RELOCATE UTILITY BOX.
- 12 RELOCATE TRAFFIC CONTROLLER CABINET.
- 13 RELOCATE TRAFFIC SIGNAL JUNCTION BOX.
- 14 RELOCATE UTILITY MANHOLE.
- 15 RELOCATE CCTV CABINET
- 16 DEMO LUMINAIRE ON THE POLE
- 17 DEMO SECONDARY FEED.
- 18 DEMO EXISTING LIGHT POLE.
- 19 RELOCATE WATER METER.
- 20 RELOCATE FIRE HYDRANT.

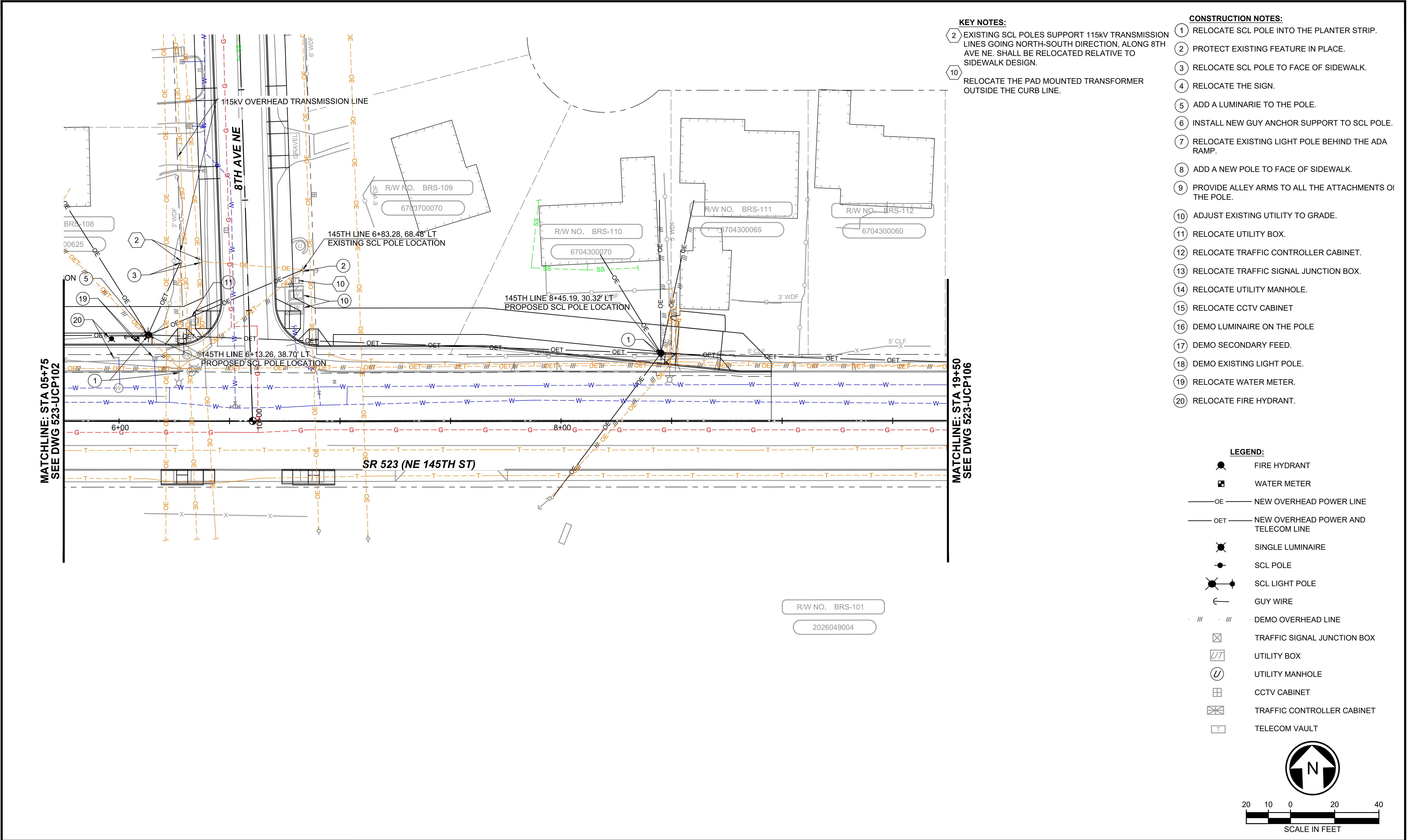
LEGEND:

- FIRE HYDRANT
- WATER METER
- NEW OVERHEAD POWER LINE
- NEW OVERHEAD POWER AND TELECOM LINE
- SINGLE LUMINAIRE
- SCL POLE
- SCL LIGHT POLE
- GUY WIRE
- DEMO OVERHEAD LINE
- TRAFFIC SIGNAL JUNCTION BOX
- UTILITY BOX
- UTILITY MANHOLE
- CCTV CABINET
- TRAFFIC CONTROLLER CABINET
- TELECOM VAULT



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SCALE IN FEET

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<div>DRAFT 30% SUBMITTAL</div>						<div>DESIGNED BY: S. KANDULA</div>	<div><div>Jacobs</div><div><div>DAVID EVANS AND ASSOCIATES INC.</div><div>14432 SE Eastgate Way, Suite 400 Bellevue Washington 98007 Phone: 425.519.6500</div></div></div> <div><div>LINE IS 1" AT FULL SCALE</div><div><div>SOUNDTRANSIT</div></div></div>	<div>SCALE: 1" = 20'</div>	<div>SR 522 / 145TH BRT</div> <div>SR 523 (NE 145TH STREET)</div> <div>UTILITY COMPOSITE UTILITY PLAN STA. 5+75 TO STA. 9+75</div>	<div>DRAWING No.: 523-UCP103</div>
<div></div>						<div>DRAWN BY: S. KANDULA</div>		<div>FILENAME: BRT-523-UCP101-118</div>		<div>LOCATION ID: 523</div>
<div></div>						<div>CHECKED BY: D. WAGNER</div>		<div>CONTRACT No.: AE 0055-17</div>		<div>SHEET No.: 135</div>
<div></div>						<div>APPROVED BY: J. MCKENZIE</div>		<div>DATE: 10/09/20</div>		<div>REV:</div>
<div>No. DATE DSN CHK APP REVISION</div>						<div>SUBMITTED BY: D. SCHOCK</div>		<div>DATE:</div>		<div>REVIEWED BY: B. KEMPER</div>

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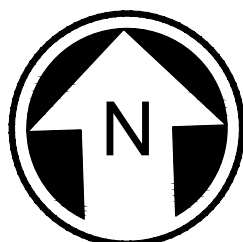
MATCHLINE: STA 9+75
SEE DWG 523-UCP103

CONSTRUCTION NOTES:

- 1 RELOCATE SCL POLE INTO THE PLANTER STRIP.
- 2 PROTECT EXISTING FEATURE IN PLACE.
- 3 RELOCATE SCL POLE TO FACE OF SIDEWALK.
- 4 RELOCATE THE SIGN.
- 5 ADD A LUMINARIE TO THE POLE.
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- 19 RELOCATE WATER METER.
- 20 RELOCATE FIRE HYDRANT.

LEGEND:

- FIRE HYDRANT
- WATER METER
- NEW OVERHEAD POWER LINE
- NEW OVERHEAD POWER AND TELECOM LINE
- SINGLE LUMINAIRE
- SCL POLE
- SCL LIGHT POLE
- GUY WIRE
- DEMO OVERHEAD LINE
- TRAFFIC SIGNAL JUNCTION BOX
- UTILITY BOX
- UTILITY MANHOLE
- CCTV CABINET
- TRAFFIC CONTROLLER CABINET
- TELECOM VAULT



MATCHLINE: STA 24+25
SEE DWG 523-UCP107

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No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
S. KANDULA
DRAWN BY:
S. KANDULA
CHECKED BY:
D. WAGNER
APPROVED BY:
J. MCKENZIE

Jacobs



DAVID EVANS
AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER

DATE:



SCALE:
1" = 20'
FILENAME:
BRT-523-UCP101-118
CONTRACT No.:
AE 0055-17
DATE:
10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

UTILITY
COMPOSITE UTILITY PLAN
STA. 19+00 TO STA. 24+25

DRAWING No.:

523-UCP106

LOCATION ID:

523

SHEET No.:

136

REV:

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DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
S. KANDULA
DRAWN BY:
S. KANDULA
CHECKED BY:
D. WAGNER
APPROVED BY:
J. MCKENZIE

Jacobs



**DAVID EVANS
AND ASSOCIATES INC.**
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER

DATE:



SCALE:
1" = 20'
FILENAME:
BRT-523-UCP101-118
CONTRACT No.:
AE 0055-17
DATE:
10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

UTILITY
COMPOSITE UTILITY PLAN
STA. 24+25 TO STA. 29+15

DRAWING No.:
523-UCP107
LOCATION ID:
523
SHEET No.:
137
REV:

MATCHLINE: STA 24+25
SEE DWG 523-UCP106

MATCHLINE: STA 29+15
SEE DWG 523-UCP108

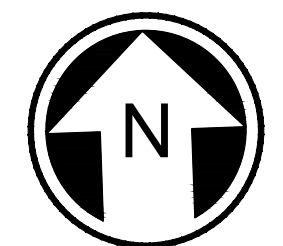
- CONSTRUCTION NOTES:**
- RELOCATE SCL POLE INTO THE PLANTER STRIP.
 - PROTECT EXISTING FEATURE IN PLACE.
 - RELOCATE SCL POLE TO FACE OF SIDEWALK.
 - RELOCATE THE SIGN.
 - ADD A LUMINARIE TO THE POLE.
 - INSTALL NEW GUY ANCHOR SUPPORT TO SCL POLE.
 - RELOCATE EXISTING LIGHT POLE BEHIND THE ADA RAMP.
 - ADD A NEW POLE TO FACE OF SIDEWALK.
 - PROVIDE ALLEY ARMS TO ALL THE ATTACHMENTS OF THE POLE.
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 - RELOCATE UTILITY MANHOLE.
 - RELOCATE CCTV CABINET
 - DEMO LUMINAIRE ON THE POLE
 - DEMO SECONDARY FEED.
 - DEMO EXISTING LIGHT POLE.
 - RELOCATE WATER METER.
 - RELOCATE FIRE HYDRANT.

LEGEND:

- FIRE HYDRANT
- WATER METER
- NEW OVERHEAD POWER LINE
- NEW OVERHEAD POWER AND TELECOM LINE
- SINGLE LUMINAIRE
- SCL POLE
- SCL LIGHT POLE
- GUY WIRE
- DEMO OVERHEAD LINE
- TRAFFIC SIGNAL JUNCTION BOX
- UTILITY BOX
- UTILITY MANHOLE
- CCTV CABINET
- TRAFFIC CONTROLLER CABINET
- TELECOM VAULT

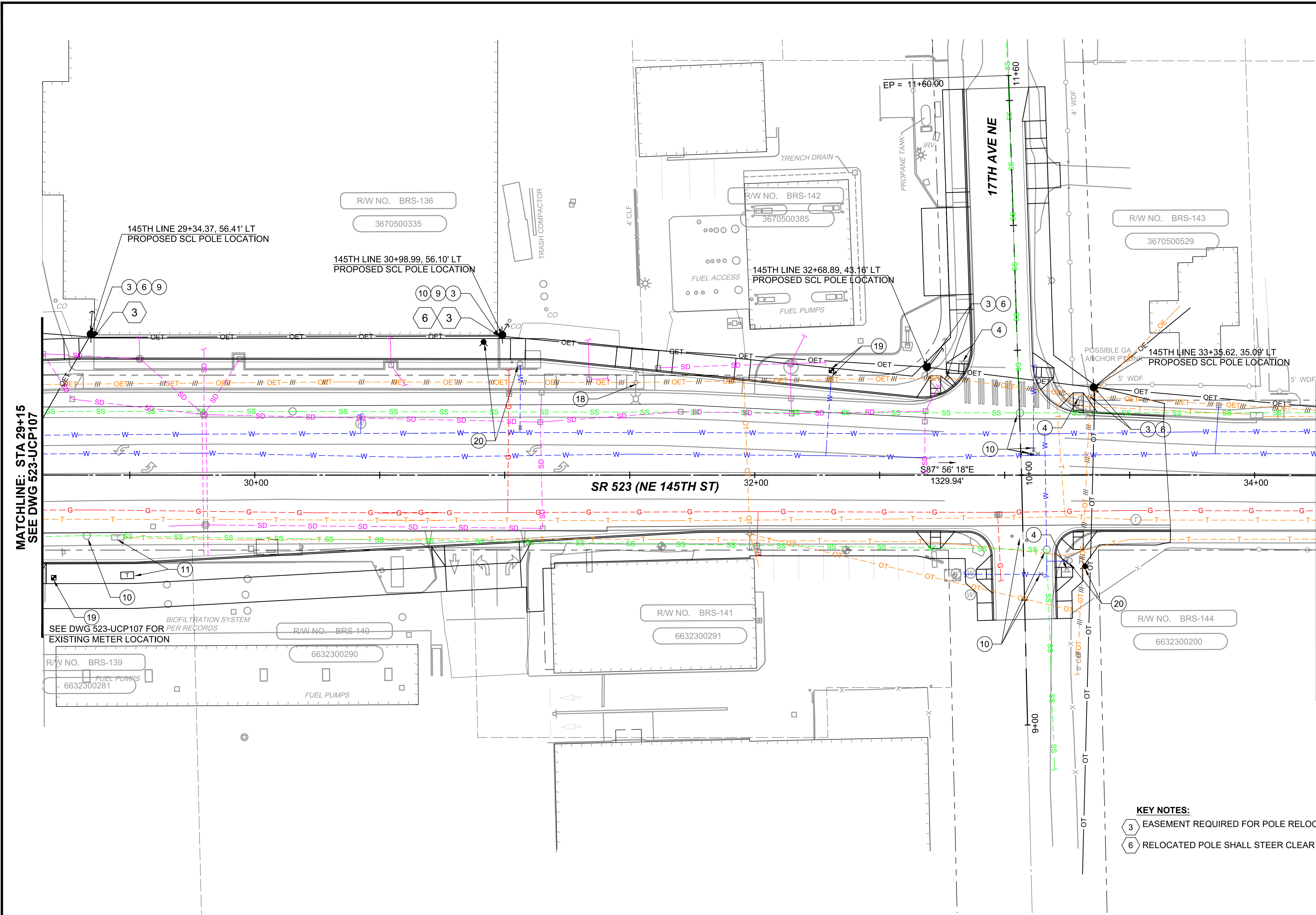
KEY NOTES:

- NEW POLE SHALL SUPPORT SECONDARY FEED TO PROPOSED STRIDE STATION AND PROPERTY BEHIND THE STRIDE STATION. THIS POLE SHALL HAVE A STREET LIGHT ATTACHED TO IT.
- POLE SHALL BE RELOCATED TO OTHER SIDE OF THE DRIVEWAY, SW CORNER OF THE PROPERTY ADJACENT TO 145TH AVE.



SCALE IN FEET

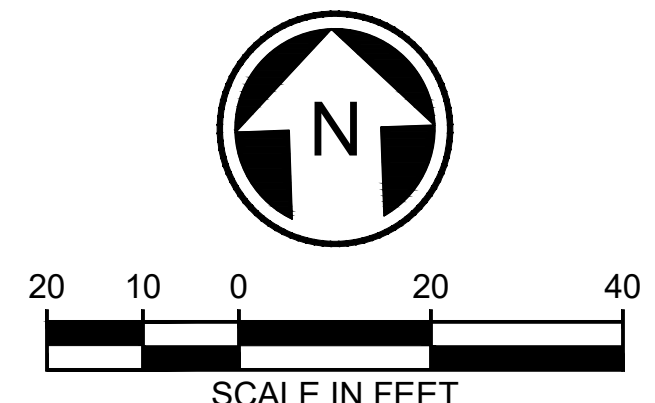
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- CONSTRUCTION NOTES:**
- 1 RELOCATE SCL POLE INTO THE PLANTER STRIP.
 - 2 PROTECT EXISTING FEATURE IN PLACE.
 - 3 RELOCATE SCL POLE TO FACE OF SIDEWALK.
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- LEGEND:**
- FIRE HYDRANT
 - WATER METER
 - NEW OVERHEAD POWER LINE
 - NEW OVERHEAD POWER AND TELECOM LINE
 - SINGLE LUMINAIRE
 - SCL POLE
 - SCL LIGHT POLE
 - GUY WIRE
 - DEMO OVERHEAD LINE
 - TRAFFIC SIGNAL JUNCTION BOX
 - UTILITY BOX
 - UTILITY MANHOLE
 - CCTV CABINET
 - TRAFFIC CONTROLLER CABINET
 - TELECOM VAULT

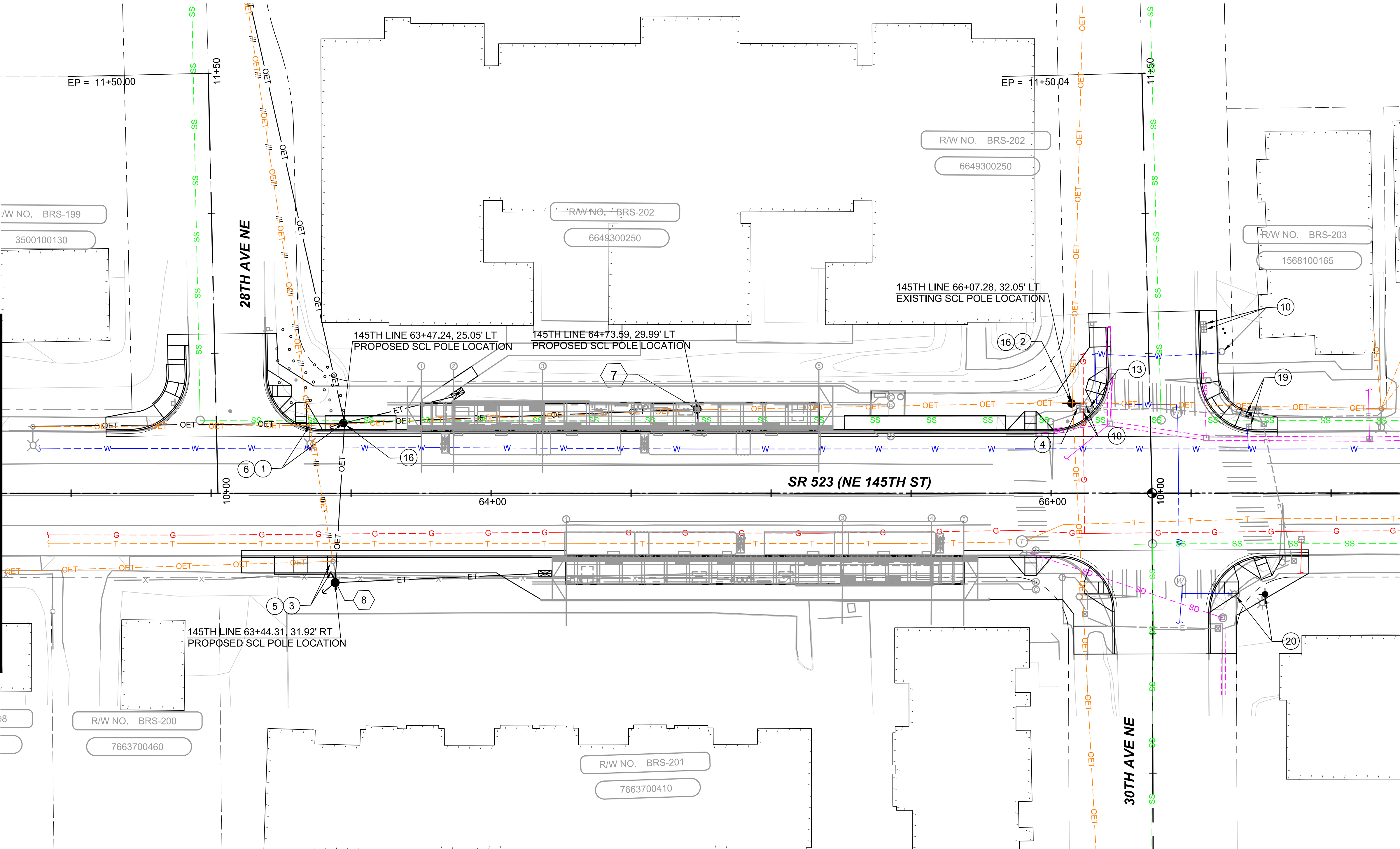
- KEY NOTES:**
- 3 EASEMENT REQUIRED FOR POLE RELOCATION.
 - 6 RELOCATED POLE SHALL STEER CLEAR OF DRIVEWAY.



DRAFT 30% SUBMITTAL						DESIGNED BY: S. KANDULA	<div><div>Jacobs</div><div><div>DAVID EVANS AND ASSOCIATES INC.</div><div>14432 SE Eastgate Way, Suite 400 Bellevue Washington 98007 Phone: 425.519.6500</div></div><div><div>LINE IS 1" AT FULL SCALE</div><div><div>ST</div><div>SOUNDTRANSIT</div></div></div></div>	SCALE: 1" = 20'	SR 522 / 145TH BRT SR 523 (NE 145TH STREET) UTILITY COMPOSITE UTILITY PLAN STA. 29+15 TO STA. 34+25	DRAWING No.: 523-UCP108
						DRAWN BY: S. KANDULA		FILENAME: BRT-523-UCP101-118		LOCATION ID: 523
						CHECKED BY: D. WAGNER		CONTRACT No.: AE 0055-17		SHEET No.: 138
						APPROVED BY: J. MCKENZIE		DATE: 10/09/20		REV:
No.	DATE	DSN	CHK	APP	REVISION	SUBMITTED BY: D. SCHOCK		DATE: 		REVIEWED BY: B. KEMPER

10/06/20 | 8:48 AM | KANDULS
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MATCHLINE : STA 34+15
SEE DWG 523-UCP108



MATCHLINE : STA 74+10
SEE DWG 523-UCP118

CONSTRUCTION NOTES:

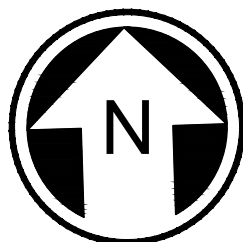
- 1 RELOCATE SCL POLE INTO THE PLANTER STRIP.
- 2 PROTECT EXISTING FEATURE IN PLACE.
- 3 RELOCATE SCL POLE TO FACE OF SIDEWALK.
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- 5 ADD A LUMINARIE TO THE POLE.
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- 16 DEMO LUMINAIRE ON THE POLE
- 17 DEMO SECONDARY FEED.
- 18 DEMO EXISTING LIGHT POLE.
- 19 RELOCATE WATER METER.
- 20 RELOCATE FIRE HYDRANT.

LEGEND:

- FIRE HYDRANT
- WATER METER
- NEW OVERHEAD POWER LINE
- NEW OVERHEAD POWER AND TELECOM LINE
- SINGLE LUMINAIRE
- SCL POLE
- SCL LIGHT POLE
- GUY WIRE
- DEMO OVERHEAD LINE
- TRAFFIC SIGNAL JUNCTION BOX
- UTILITY BOX
- UTILITY MANHOLE
- CCTV CABINET
- TRAFFIC CONTROLLER CABINET
- TELECOM VAULT

KEY NOTES:

- 7 MOVE EXISTING POLE 2' NORTH OF THE CURRENT LOCATION, TO MEET THE STANDARD CLEARANCE.
- 8 ADD A NEW OVERHEAD SECONDARY TO FEED PROPOSED STRIDE STATION.



DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
S. KANDULA
DRAWN BY:
S. KANDULA
CHECKED BY:
D. WAGNER
APPROVED BY:
J. MCKENZIE

Jacobs



**DAVID EVANS
AND ASSOCIATES INC.**
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER

DATE:



SCALE:

1" = 20'

FILENAME:

BRT-523-UCP101-118

CONTRACT No.:

AE 0055-17

DATE:

10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

UTILITY
COMPOSITE UTILITY PLAN
STA. 62+25 TO STA. 67+25

DRAWING No.:

523-UCP115

LOCATION ID:

523

SHEET No.:

139

REV:

10/06/20 | 8:51 AM | KANDULS
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DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
S. KANDULA
DRAWN BY:
S. KANDULA
CHECKED BY:
D. WAGNER
APPROVED BY:
J. MCKENZIE

Jacobs



DAVID EVANS
AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER

DATE:



SCALE:
1" = 20'
FILENAME:
BRT-523-UCP101-118
CONTRACT No.:
AE 0055-17
DATE:
10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

UTILITY
COMPOSITE UTILITY PLAN
STA. 74+50 TO STA. 78+35

DRAWING No.:
523-UCP118

LOCATION ID:

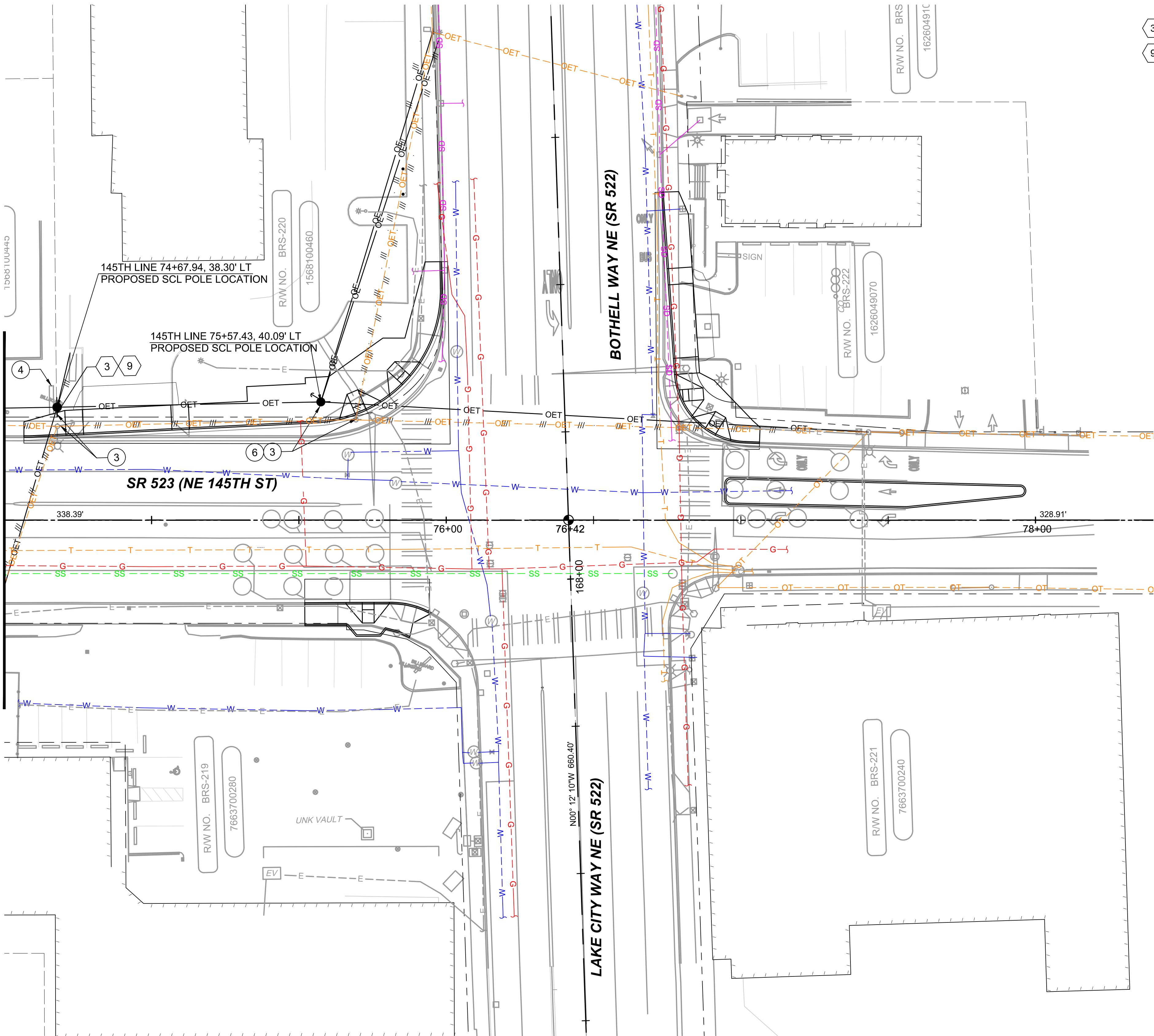
523

SHEET No.:

140

REV:

MATCHLINE: STA 67+25
SEE DWG 523-UCP115



KEY NOTES:

- EASEMENT REQUIRED FOR POLE RELOCATION.
- POLE SHALL BE RELOCATED SUCH THAT IT IS NOT IN CONFLICT WITH THE EXISTING BILLBOARD.

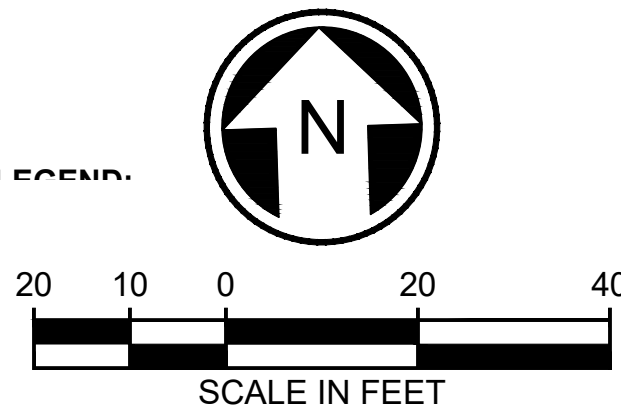
CONSTRUCTION NOTES:

- RELOCATE SCL POLE INTO THE PLANTER STRIP.
- PROTECT EXISTING FEATURE IN PLACE.
- RELOCATE SCL POLE TO FACE OF SIDEWALK.
- RELOCATE THE SIGN.
- ADD A LUMINAIRE TO THE POLE.
- INSTALL NEW GUY ANCHOR SUPPORT TO SCL POLE.
- RELOCATE EXISTING LIGHT POLE BEHIND THE ADA RAMP.
- ADD A NEW POLE TO FACE OF SIDEWALK.
- PROVIDE ALLEY ARMS TO ALL THE ATTACHMENTS OF THE POLE.
- ADJUST EXISTING UTILITY TO GRADE.
- RELOCATE UTILITY BOX.
- RELOCATE TRAFFIC CONTROLLER CABINET.
- RELOCATE TRAFFIC SIGNAL JUNCTION BOX.
- RELOCATE UTILITY MANHOLE.
- RELOCATE CCTV CABINET
- DEMO LUMINAIRE ON THE POLE
- DEMO SECONDARY FEED.
- DEMO EXISTING LIGHT POLE.
- RELOCATE WATER METER.
- RELOCATE FIRE HYDRANT.

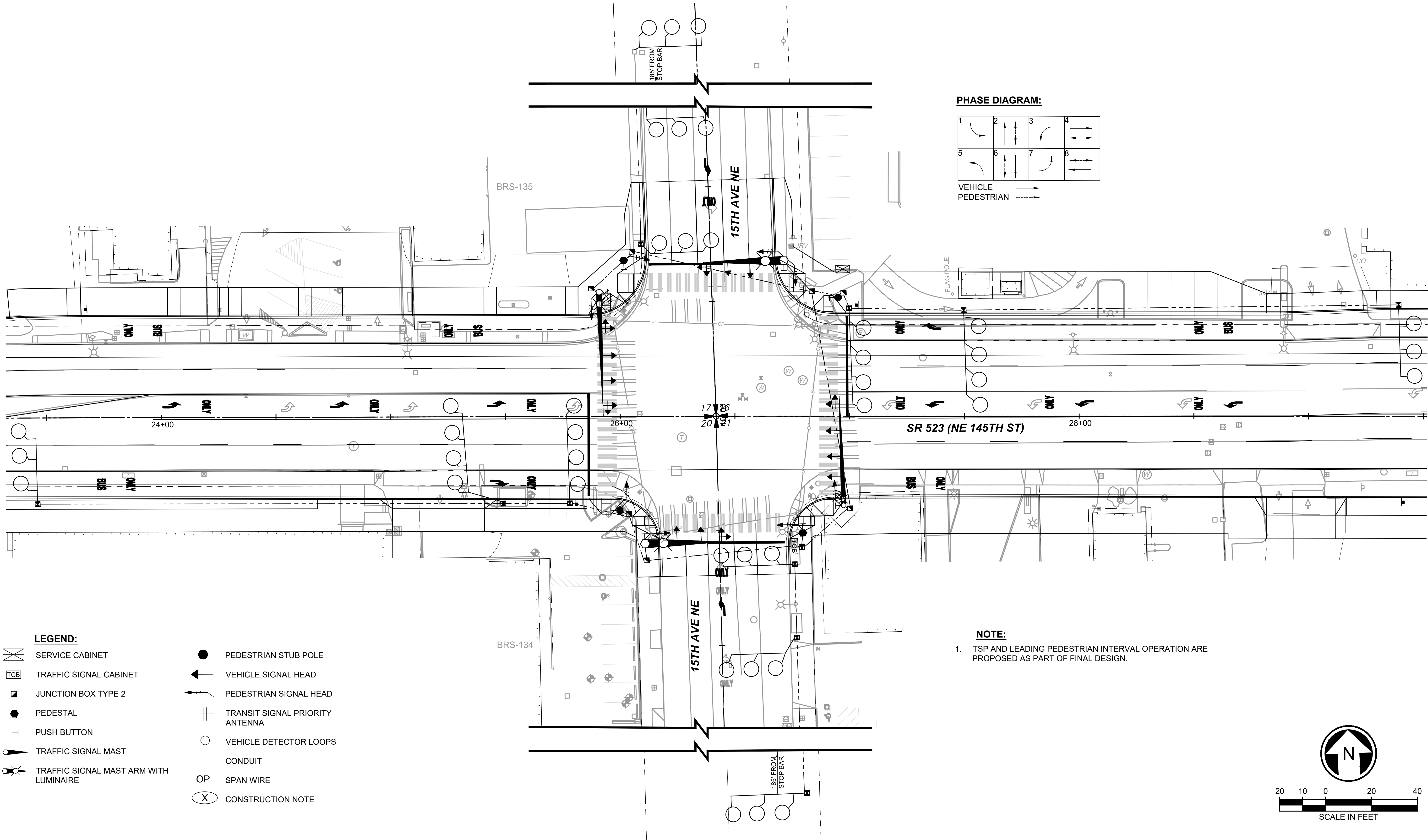
LEGEND:

- FIRE HYDRANT
- WATER METER
- NEW OVERHEAD POWER LINE
- NEW OVERHEAD POWER AND TELECOM LINE
- SINGLE LUMINAIRE
- SCL POLE
- SCL LIGHT POLE
- GUY WIRE
- DEMO OVERHEAD LINE
- TRAFFIC SIGNAL JUNCTION BOX
- UTILITY BOX
- UTILITY MANHOLE
- CCTV CABINET
- TRAFFIC CONTROLLER CABINET
- TELECOM VAULT

GENERAL LEGEND:



10/07/20 | 5:09 PM | RMUNOZ
C:\PW\WORK\DEAR\WUNOZ\MS10774\BRT-523-TSP101-103.DWG



DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:	M. PEPPARD
DRAWN BY:	M. PEPPARD
CHECKED BY:	R. JAHNS
APPROVED BY:	J. MCKENZIE

Jacobs



DAVID EVANS
AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER



DATE:

SCALE:	1" = 20'
FILENAME:	BRT-523-TSP101-103
CONTRACT No.:	AE 0055-17
DATE:	10/09/20

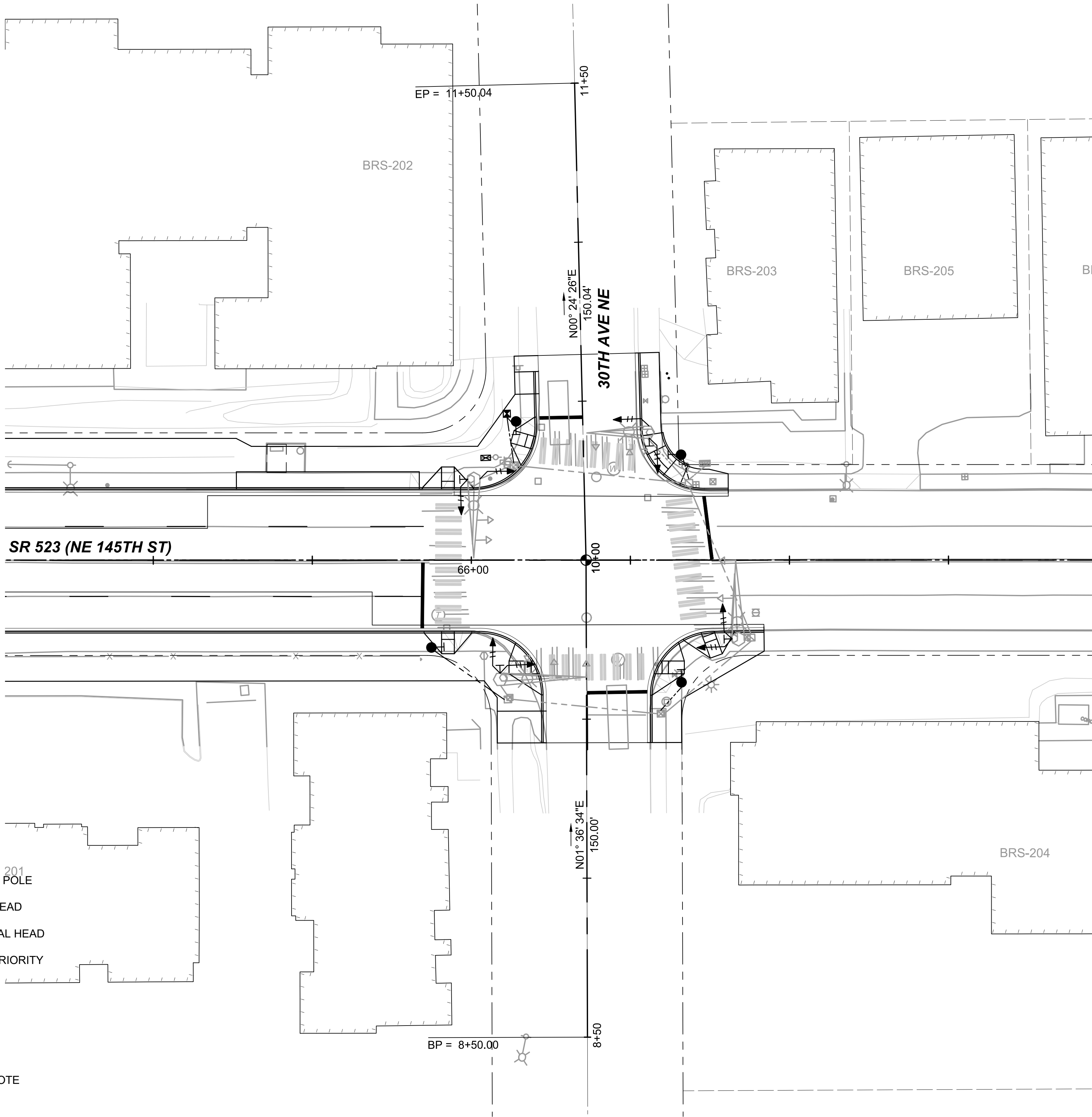
SR 522 / 145TH BRT
SR 523 (NE 145TH STREET)
TRAFFIC
TRAFFIC SIGNAL PLAN
NE 145TH & 15TH AVE NE

DRAWING No.:	523-TSP101
LOCATION ID:	523
SHEET No.:	141
REV:	

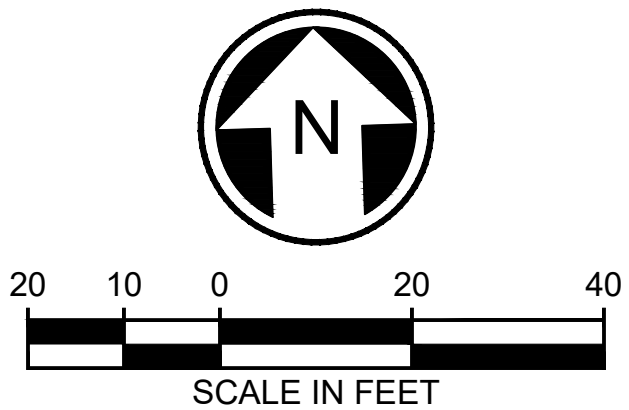
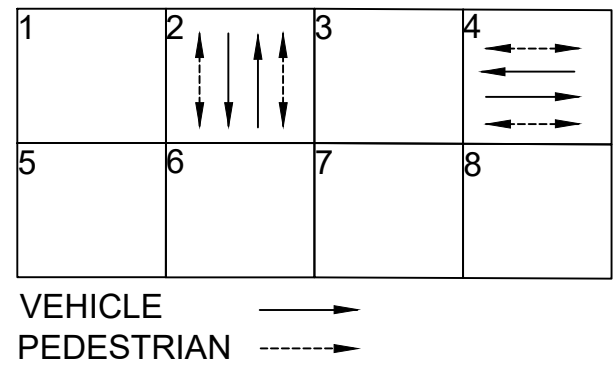
10/07/20 | 5:10 PM | RMUNOZ
C:\PW\WORK\DEAR\UNOZ\DWG\10774\BRT-523-TSP101-103.DWG

- LEGEND:**

 - SERVICE CABINET
 - TRAFFIC SIGNAL CABINET
 - JUNCTION BOX TYPE 2
 - PEDESTAL
 - PUSH BUTTON
 - TRAFFIC SIGNAL MAST
 - TRAFFIC SIGNAL MAST ARM WITH LUMINAIRE
- PEDESTRIAN STUB POLE
 - VEHICLE SIGNAL HEAD
 - PEDESTRIAN SIGNAL HEAD
 - TRANSIT SIGNAL PRIORITY ANTENNA
 - VIDEO DETECTOR
 - CONDUIT
 - SPAN WIRE
 - CONSTRUCTION NOTE



PHASE DIAGRAM:



<div>DRAFT 30% SUBMITTAL</div>						<div>DESIGNED BY: M. PEPPARD</div>		<div><div>Jacobs</div><div>DAVID EVANS AND ASSOCIATES INC. 14432 SE Eastgate Way, Suite 400 Bellevue Washington 98007 Phone: 425.519.6500</div></div>				<div>LINE IS 1" AT FULL SCALE</div>		<div>SOUNDTRANSIT</div>		<div>SCALE: 1" = 20'</div>		<div>SR 522 / 145TH BRT</div> <div>SR 523 (NE 145TH STREET)</div> <div>TRAFFIC</div> <div>TRAFFIC SIGNAL PLAN</div> <div>NE 145TH & 30TH AVE NE</div>				<div>DRAWING No.: 523-TSP102</div>	
						<div>DRAWN BY: M. PEPPARD</div>										<div>FILENAME: BRT-523-TSP101-103</div>						<div>LOCATION ID: 523</div>	
						<div>CHECKED BY: R. JAHNS</div>										<div>CONTRACT No.: AE 0055-17</div>						<div>SHEET No.: 142</div>	
						<div>APPROVED BY: J. MCKENZIE</div>										<div>DATE: 10/09/20</div>						<div>REV:</div>	
No.	DATE	DSN	CHK	APP	REVISION	<div>SUBMITTED BY: D. SCHOCK</div>				<div>DATE:</div>		<div>REVIEWED BY: B. KEMPER</div>		<div>DATE:</div>									

10/07/20 | 5:10 PM | RMUNOZ
C:\PW\WORK\DEAR\UNOZ\MS10774\BRT-523-TSP101-103.DWG

DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:	M. PEPPARD
DRAWN BY:	M. PEPPARD
CHECKED BY:	R. JAHNS
APPROVED BY:	J. MCKENZIE

Jacobs



DAVID EVANS
AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
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Phone: 425.519.6500

SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER

DATE:



SCALE: 1" = 20'
FILENAME: BRT-523-TSP101-103
CONTRACT No.: AE 0055-17
DATE: 10/09/20

SR 522 / 145TH BRT

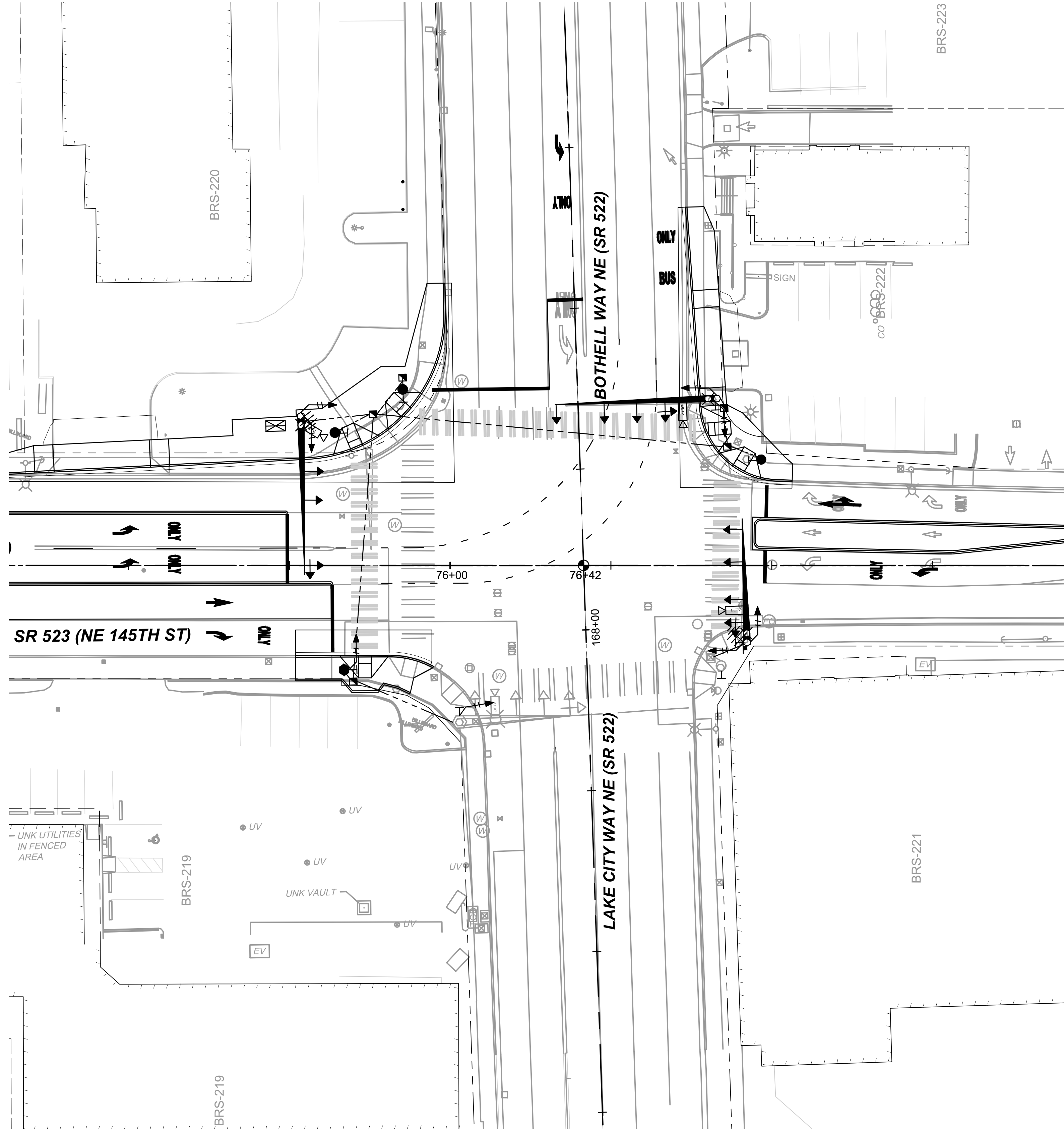
SR 523 (NE 145TH STREET)

TRAFFIC
TRAFFIC SIGNAL PLAN
NE 145TH AVE & SR 522

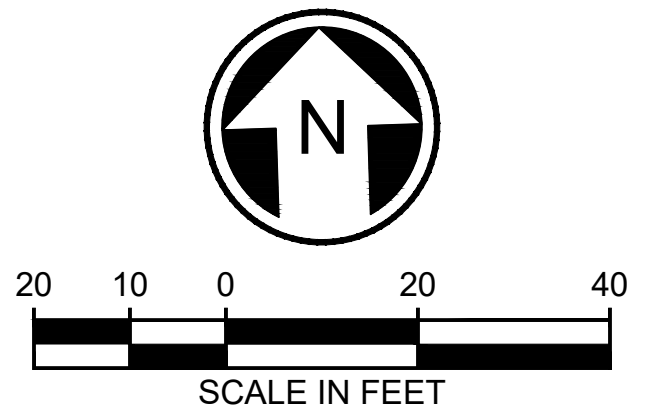
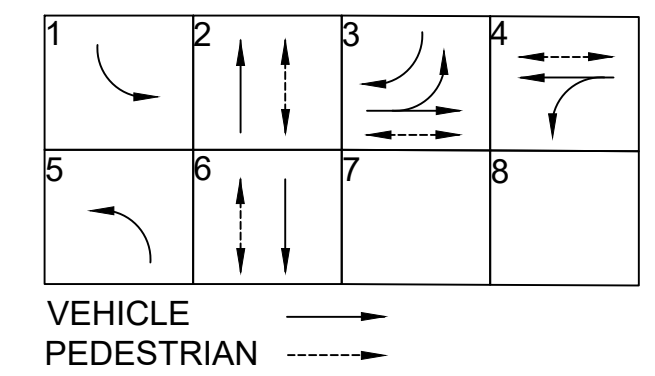
DRAWING No.: 523-TSP103
LOCATION ID: 523
SHEET No.: 143
REV:

LEGEND:

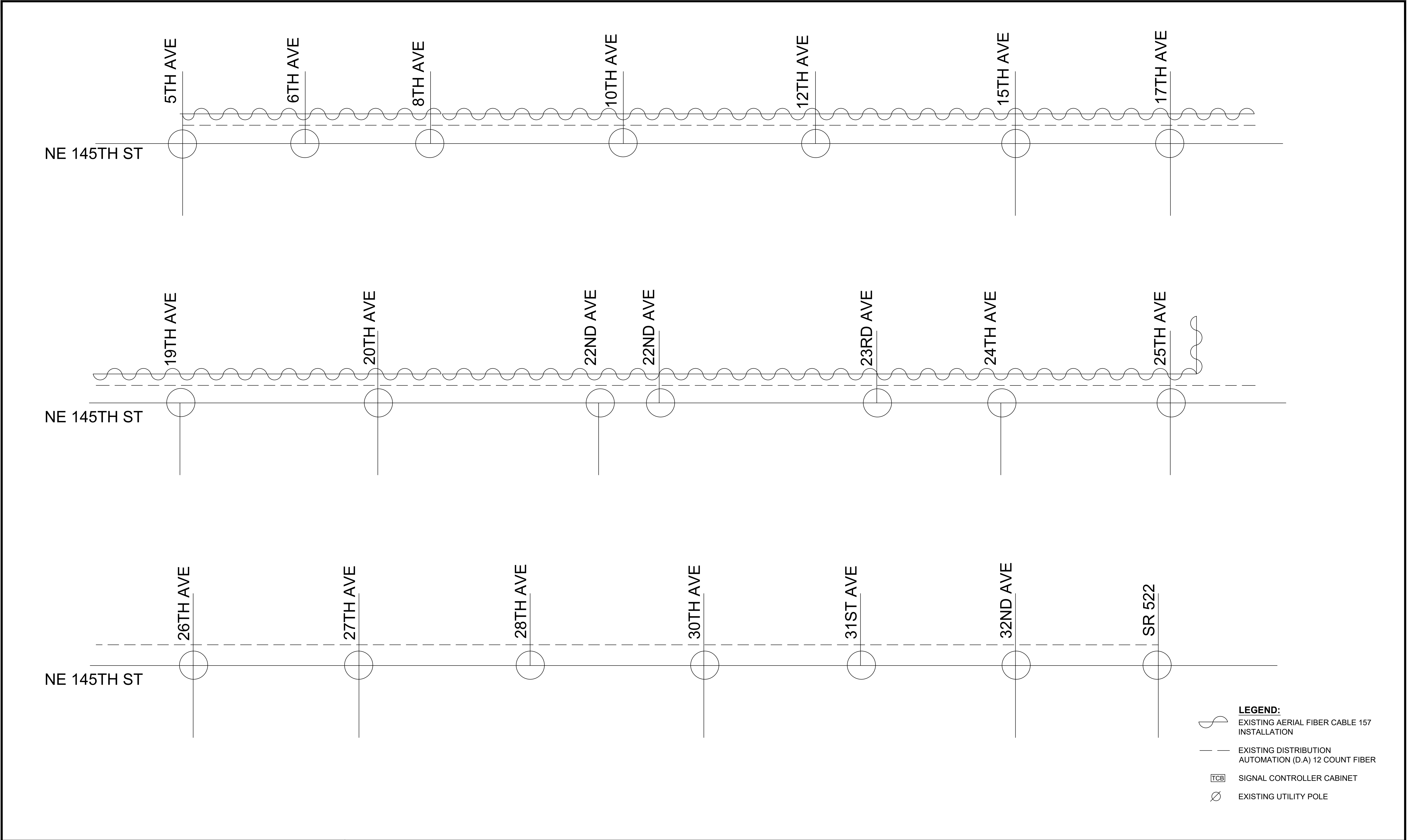
	SERVICE CABINET		PEDESTRIAN STUB POLE
	TRAFFIC SIGNAL CABINET		VEHICLE SIGNAL HEAD
	JUNCTION BOX TYPE 2		PEDESTRIAN SIGNAL HEAD
	PEDESTAL		TRANSIT SIGNAL PRIORITY ANTENNA
	PUSH BUTTON		VIDEO DETECTOR
	TRAFFIC SIGNAL MAST		CONDUIT
	TRAFFIC SIGNAL MAST ARM WITH LUMINAIRE		SPAN WIRE
			CONSTRUCTION NOTE



PHASE DIAGRAM:



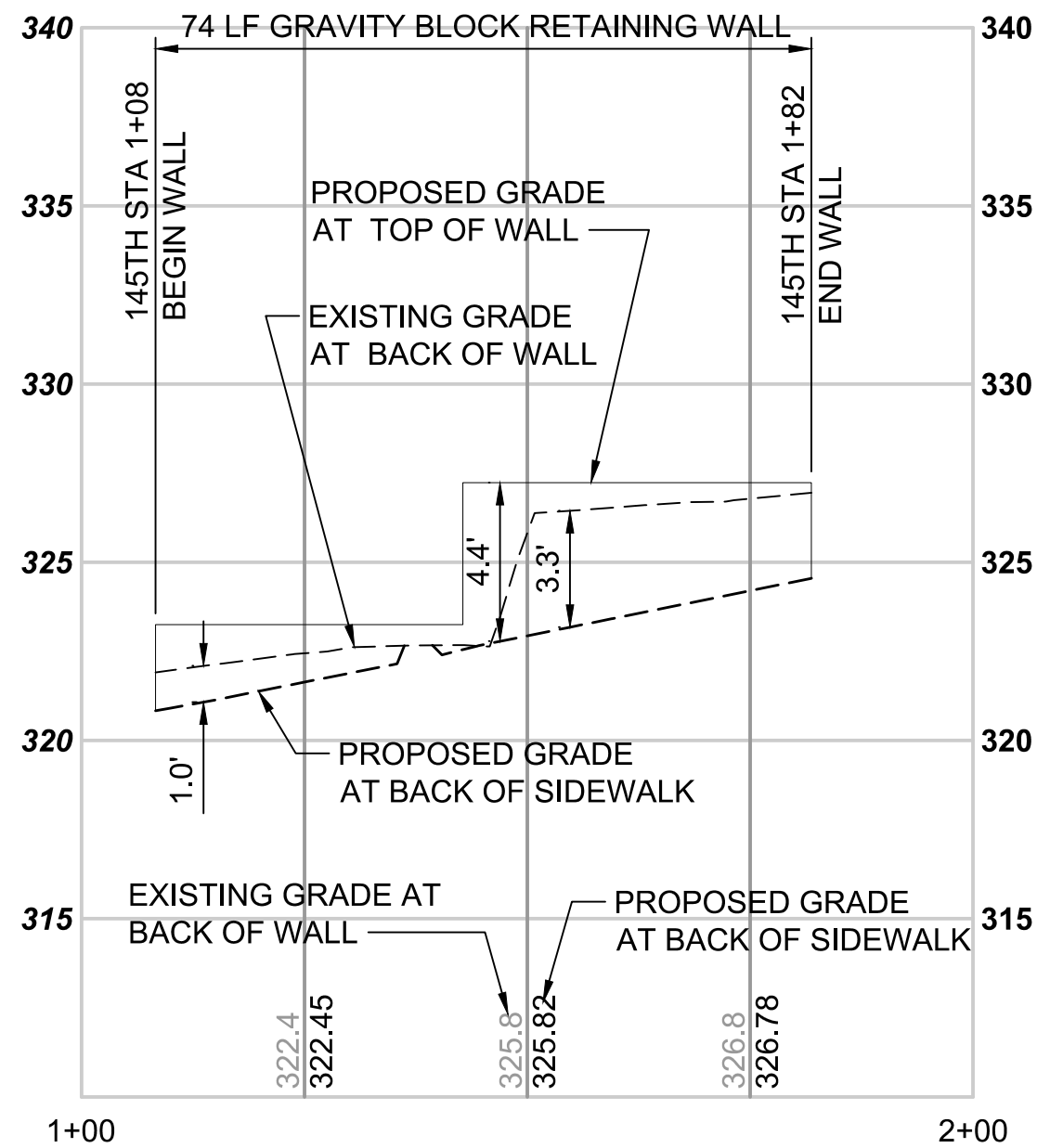
10/06/20 | 12:58 PM | RMUNOZ
C:\PW\WORK\DEAR\RMUNOZ\MS10774\BRT-523-TSP101-103.DWG



<div>DRAFT 30% SUBMITTAL</div>						<div>DESIGNED BY: M. PEPPARD</div>		<div>Jacobs</div> <div><div>DAVID EVANS AND ASSOCIATES INC.</div><div>14432 SE Eastgate Way, Suite 400 Bellevue Washington 98007 Phone: 425.519.6500</div></div>			<div>LINE IS 1" AT FULL SCALE</div>	<div><div>T</div><div>SOUNDTRANSIT</div></div>	<div>SCALE: NTS</div>	<div>SR 522 / 145TH BRT</div> <div>SR 523 (NE 145TH STREET)</div> <div>TRAFFIC FIBER INTERCONNECT DIAGRAM</div>			<div>DRAWING No.: 523-TIS101</div>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
<div>FILENAME: BRT-523-TSP101-103</div>	<div>LOCATION ID: 523</div>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
<div>CONTRACT No.: AE 0055-17</div>	<div>SHEET No.: 144</div>	<div>REV:</div>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
<div>DATE: 10/09/20</div>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<div><div>No.</div><div>DATE</div><div>DSN</div><div>CHK</div><div>APP</div><div>REVISION</div></div>						<div>CHECKED BY: R. JAHNS</div>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			</

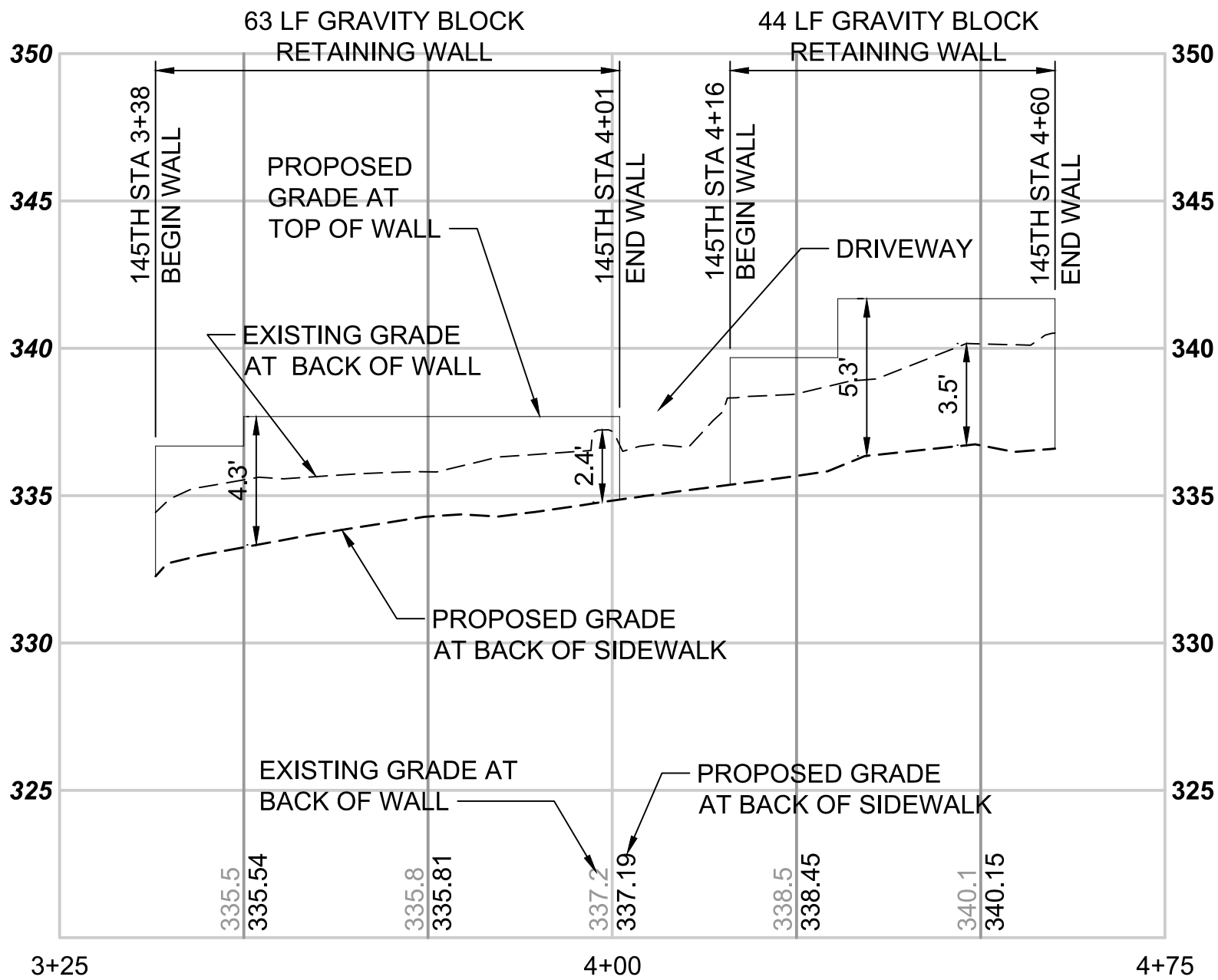
CONSTRUCTION NOTES:

- 1 GRAVITY BLOCK WALL PER DETAIL X SHEET X.X.
- 2 SOLDIER PILE WALL PER DETAIL X SHEET X.X.
- 3 THICKENED EDGE SIDEWALK WALL PER DETAIL X SHEET X.X.



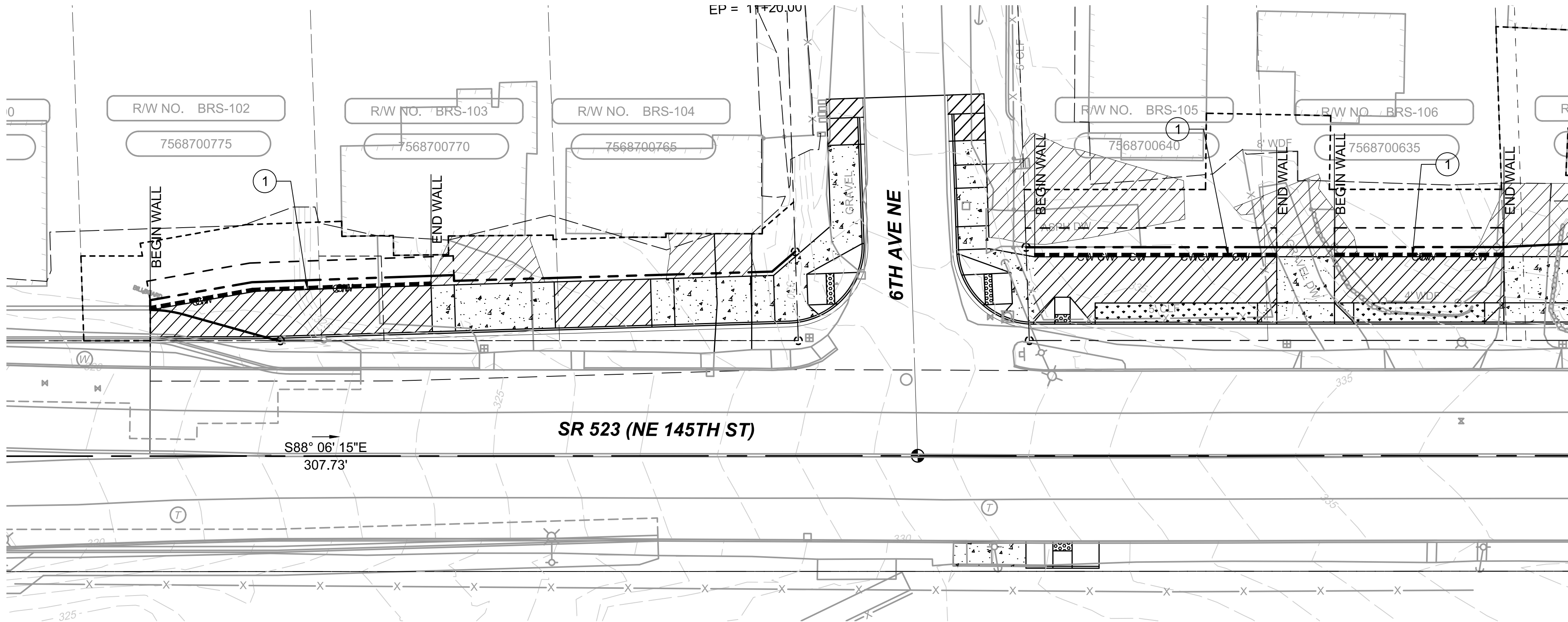
WALL PROFILE 145TH - 108

SCALE: H:1"=20'; V:1"=5'

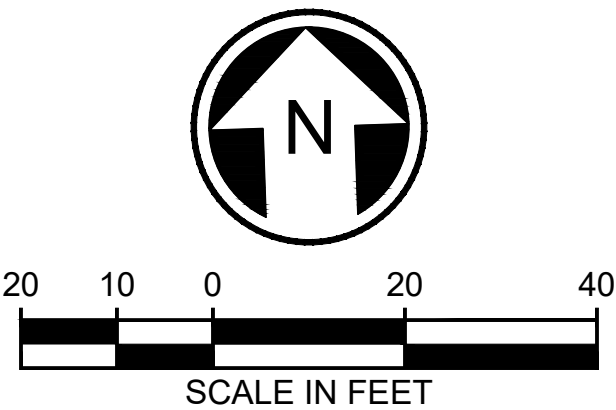


WALL PROFILE 145TH - 338

SCALE: H:1"=20'; V:1"=5'



WALL PLANS 145TH - 108 & 338



DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
M. AMIN

DRAWN BY:
R. MUNOZ

CHECKED BY:
P. AVADUTHA

APPROVED BY:
J. MCKENZIE

Jacobs



DAVID EVANS
AND ASSOCIATES INC.

14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

LINE IS 1" AT
FULL SCALE



SCALE:
1" = 20'

FILENAME:
BRT-523-SWP101-109

CONTRACT No.:
AE 0055-17

DATE:
10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

STRUCTURAL
WALL PLAN AND PROFILE
STA. 1+08 TO STA. 1+82, STA. 3+38 TO 4+60

DRAWING No.:
523-SWP101

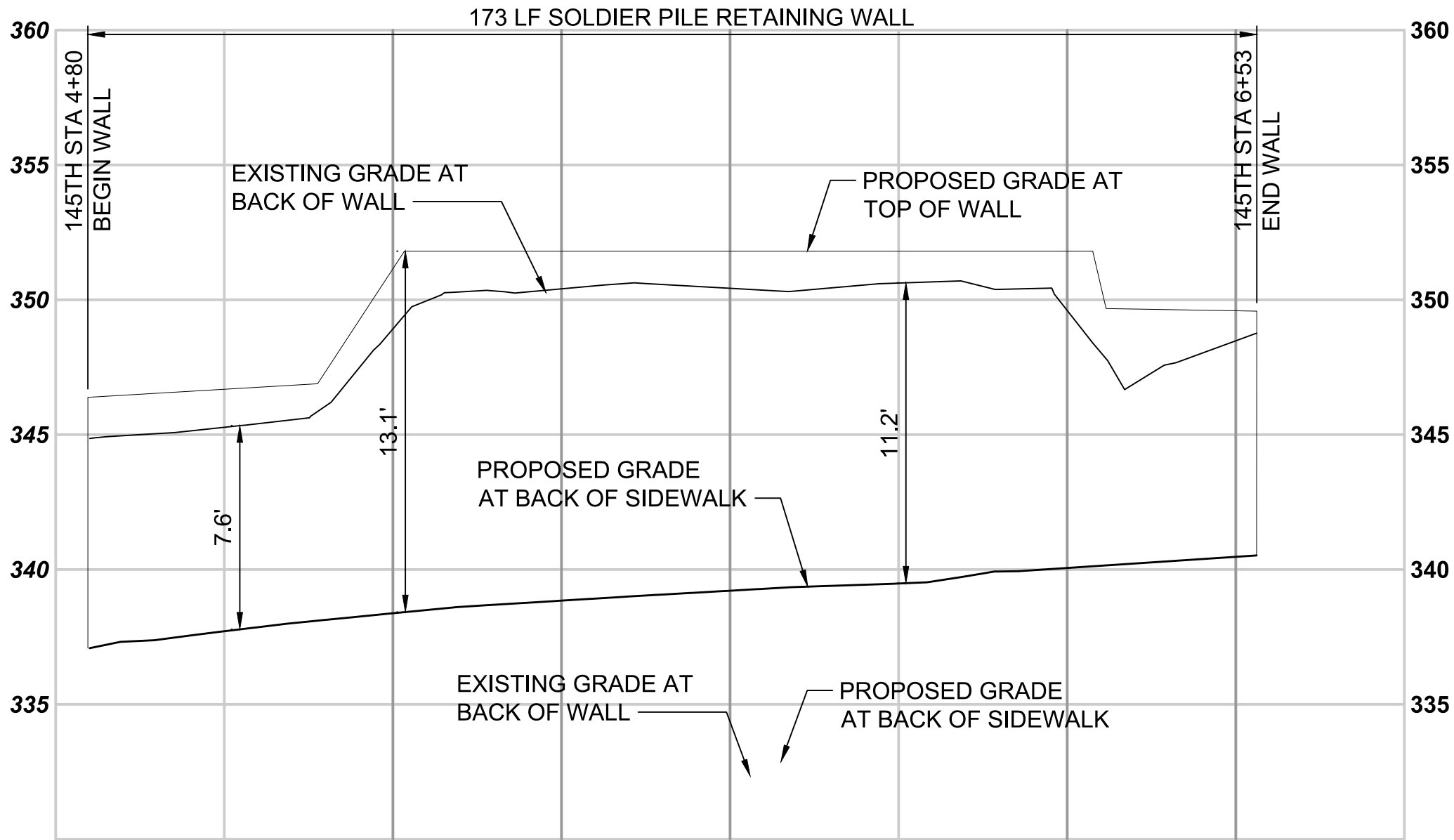
LOCATION ID:
523

SHEET No.:
145

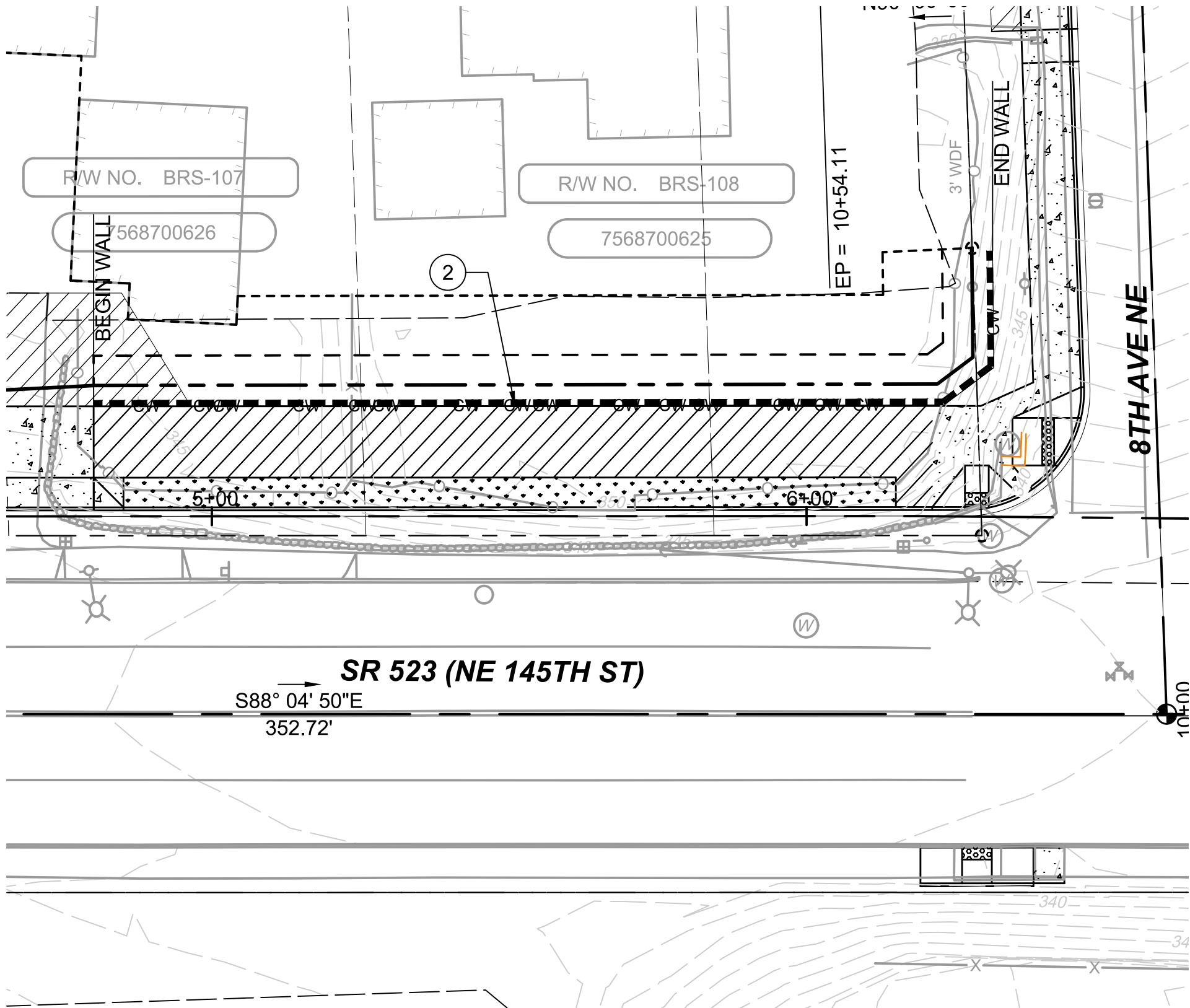
REV:
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CONSTRUCTION NOTES:

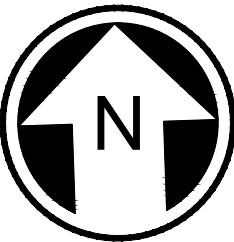
- 1
- GRAVITY BLOCK WALL PER DETAIL X SHEET X.X.
- 2
- SOLDIER PILE WALL PER DETAIL X SHEET X.X.
- 3
- THICKENED EDGE SIDEWALK WALL PER DETAIL X SHEET X.X.



WALL PROFILE 145TH - 480
SCALE: H:1"=20'; V:1"=5'



WALL PLAN 145TH - 480



DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:	M. AMIN
DRAWN BY:	R. MUNOZ
CHECKED BY:	P. AVADUTHA
APPROVED BY:	J. MCKENZIE

Jacobs



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Phone: 425.519.6500

SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER

LINE IS 1" AT
FULL SCALE



SCALE: 1" = 20'
FILENAME: BRT-523-SWP101-109
CONTRACT No.: AE 0055-17
DATE: 10/09/20

SR 522 / 145TH BRT

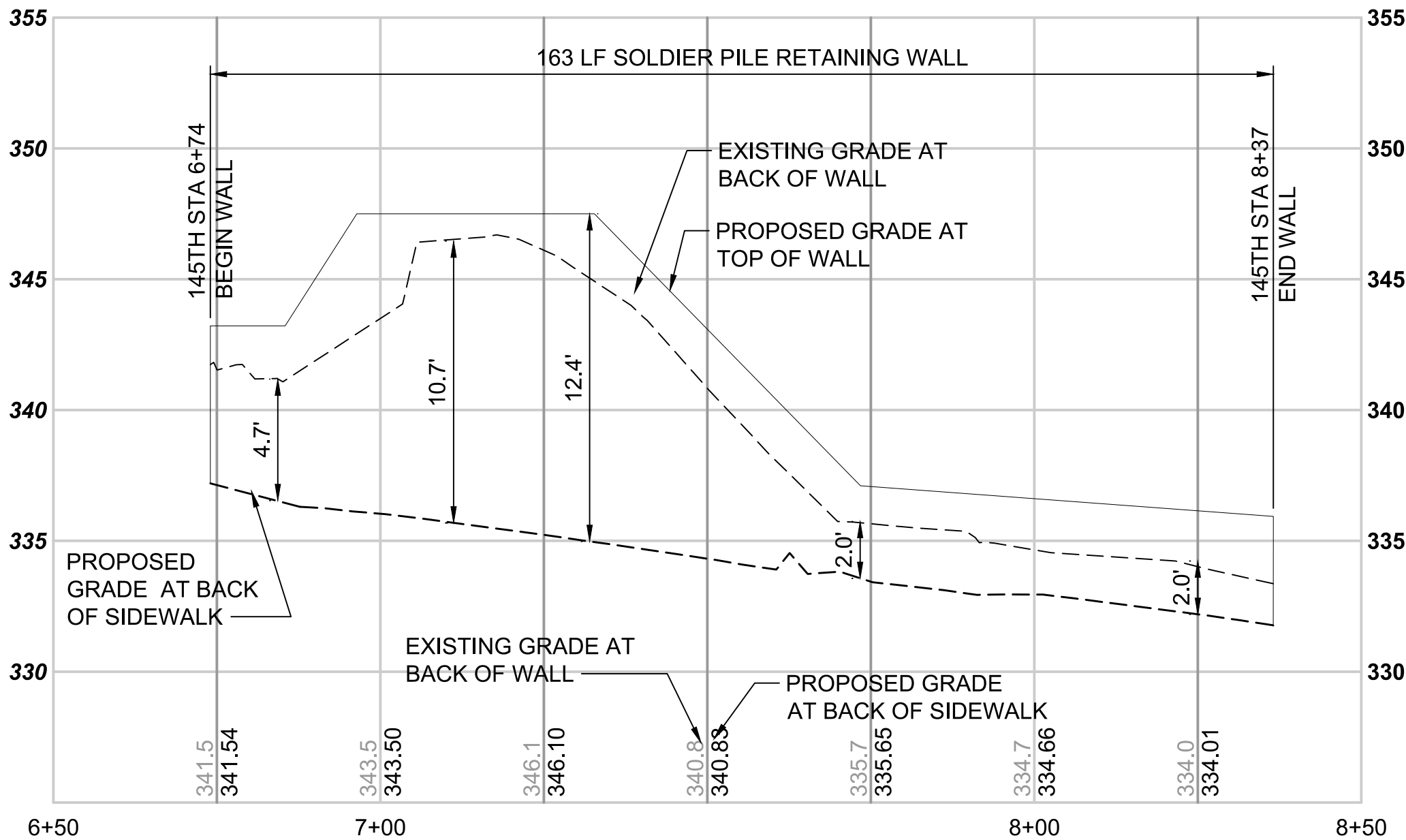
SR 523 (NE 145TH STREET)

STRUCTURAL
WALL PLAN AND PROFILE
STA. 4+80 TO STA. 6+51

DRAWING No.: 523-SWP102
LOCATION ID: 523
SHEET No.: 146
REV: #

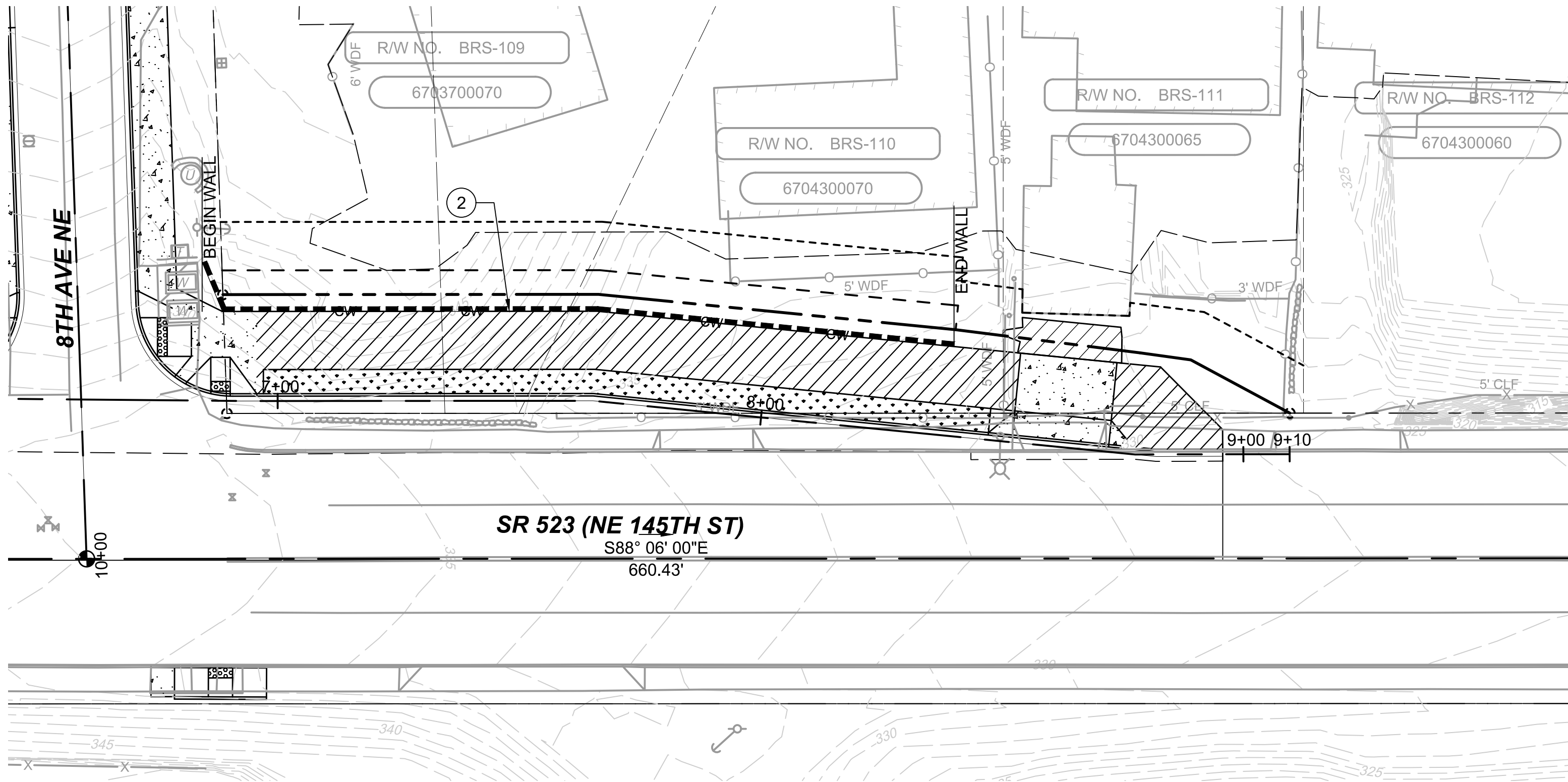
CONSTRUCTION NOTES:

- 1
- GRAVITY BLOCK WALL PER DETAIL X SHEET X.X.
- 2
- SOLDIER PILE WALL PER DETAIL X SHEET X.X.
- 3
- THICKENED EDGE SIDEWALK WALL PER DETAIL X SHEET X.X.

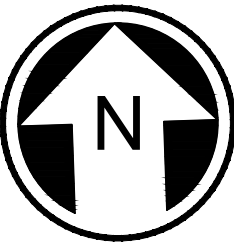


WALL PROFILE 145TH - 684

SCALE: H:1"=20'; V:1"=5'



WALL PLAN 145TH - 684



DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:

M. AMIN

DRAWN BY:

R. MUNOZ

CHECKED BY:

P. AVADUTHA

APPROVED BY:

J. MCKENZIE

Jacobs



DAVID EVANS
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14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:

D. SCHOCK

DATE:

REVIEWED BY:

B. KEMPER

LINE IS 1" AT
FULL SCALE



SCALE:

1" = 20'

FILENAME:

BRT-523-SWP101-109

CONTRACT No.:

AE 0055-17

DATE:

10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

STRUCTURAL
WALL PLAN AND PROFILE
STA. 6+74 TO STA. 8+40

DRAWING No.:

523-SWP103

LOCATION ID:

523

SHEET No.:

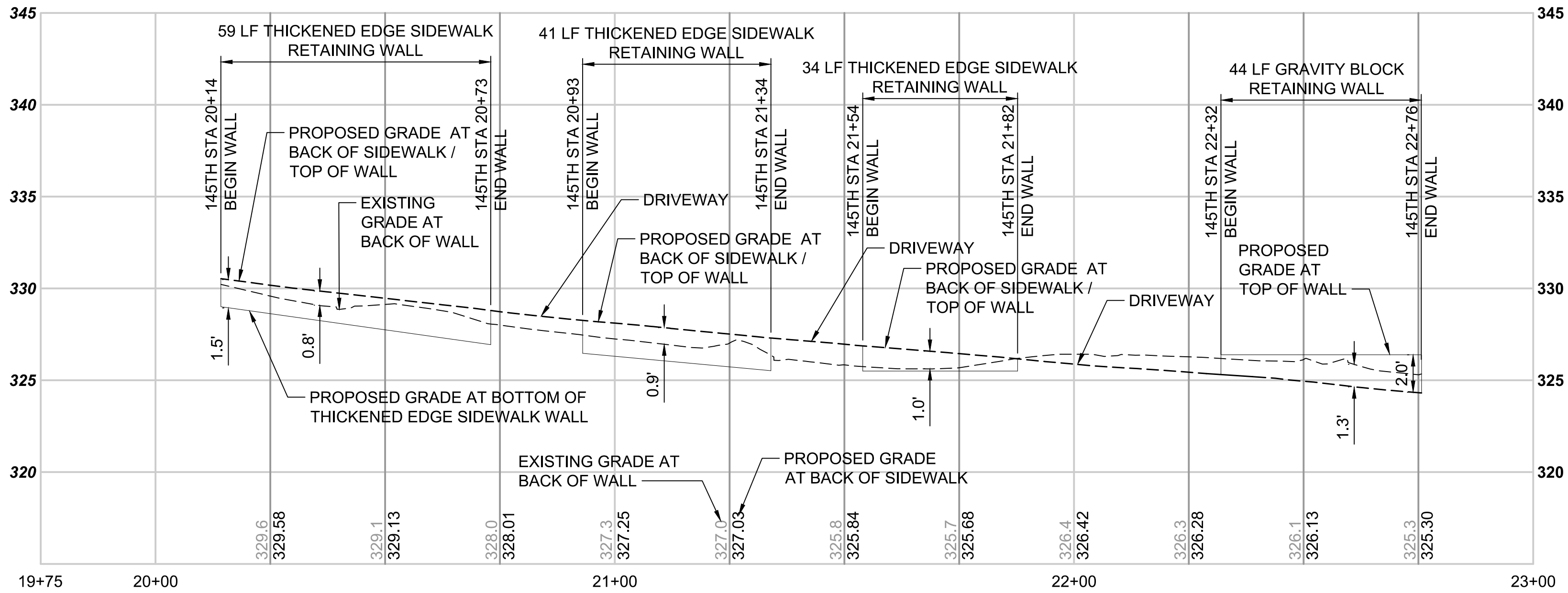
147

REV:

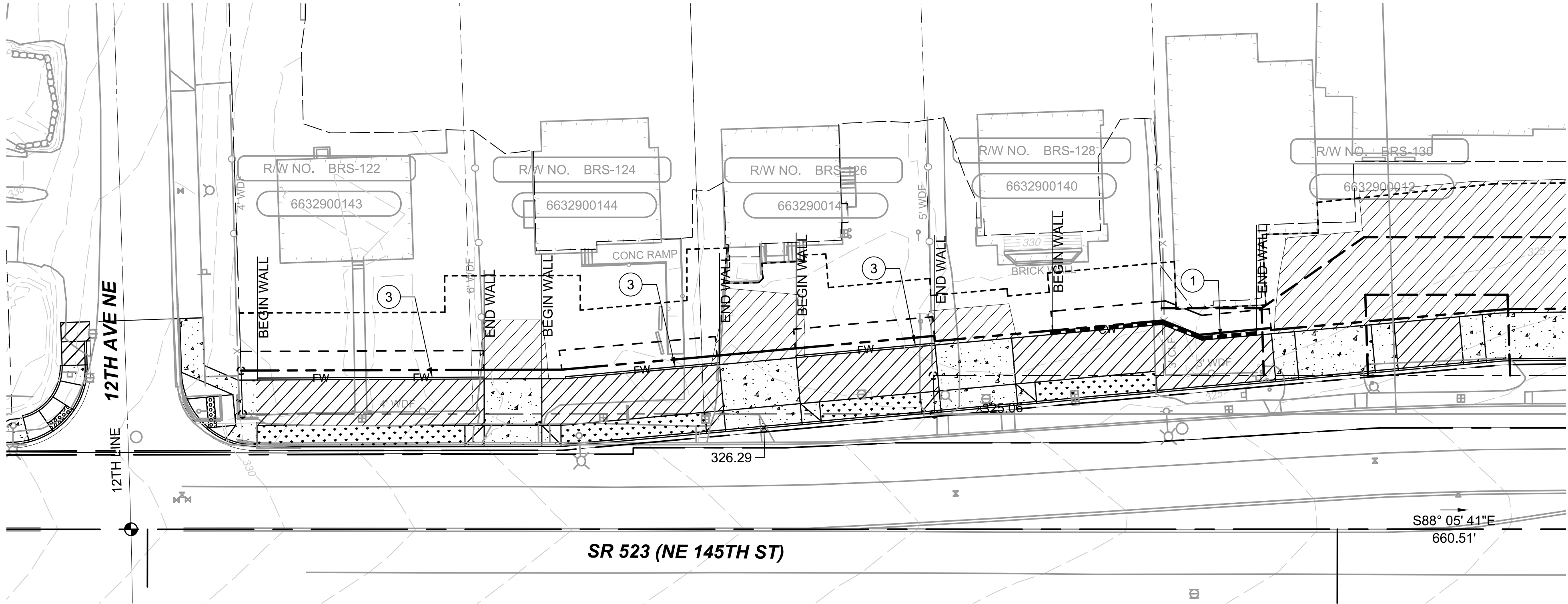
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CONSTRUCTION NOTES:

- 1 GRAVITY BLOCK WALL PER DETAIL X SHEET X.X.
- 2 SOLDIER PILE WALL PER DETAIL X SHEET X.X.
- 3 THICKENED EDGE SIDEWALK WALL PER DETAIL X SHEET X.X.



WALL PROFILE 145TH - 2014
SCALE: H:1"=20'; V:1"=5'



WALL PLAN 145TH - 2014

DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:	M. AMIN
DRAWN BY:	R. MUNOZ
CHECKED BY:	P. AVADUTHA
APPROVED BY:	J. MCKENZIE

Jacobs



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14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER

DATE:



SCALE: 1" = 20'
FILENAME: BRT-523-SWP101-109
CONTRACT No.: AE 0055-17
DATE: 10/09/20

SR 522 / 145TH BRT

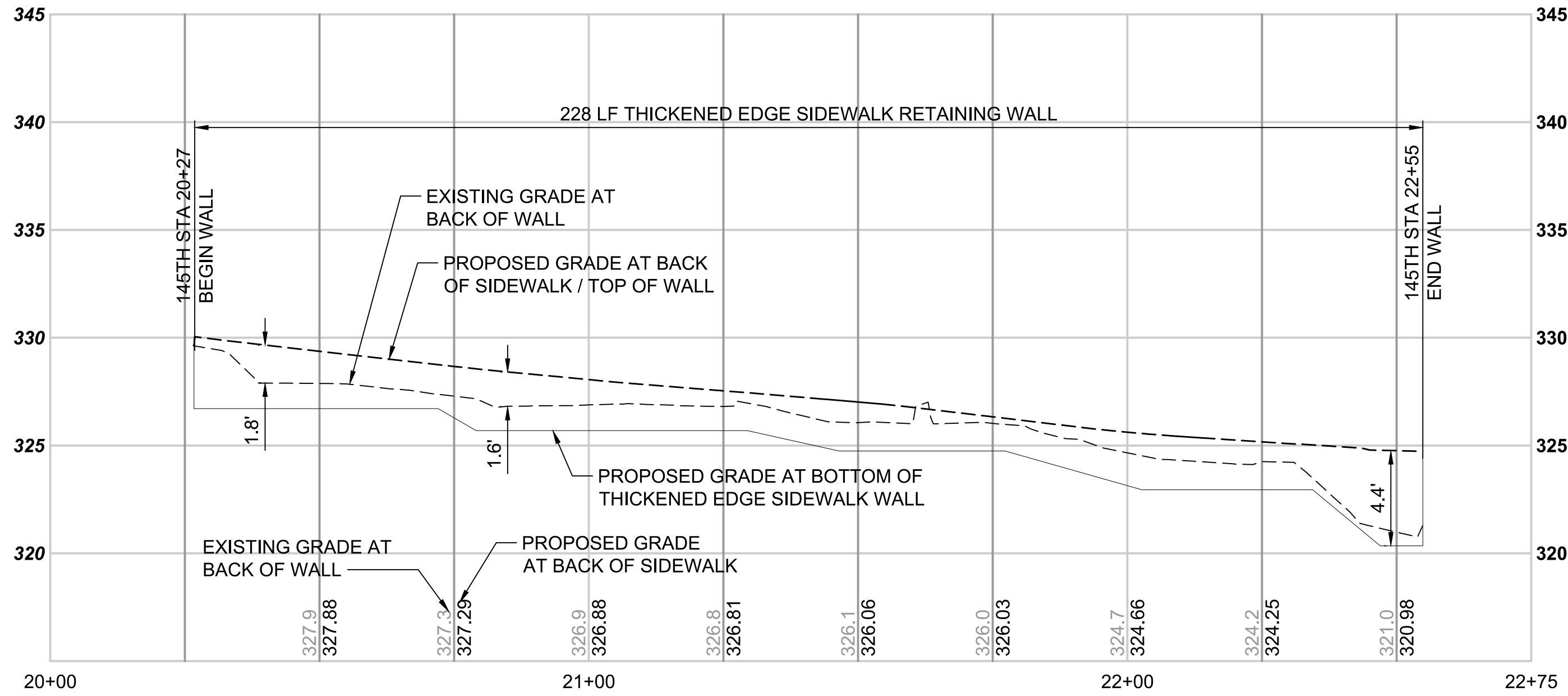
SR 523 (NE 145TH STREET)

STRUCTURAL
WALL PLAN AND PROFILE
STA. 20+14 TO STA. 22+76

DRAWING No.: 523-SWP104
LOCATION ID: 523
SHEET No.: 148
REV: #

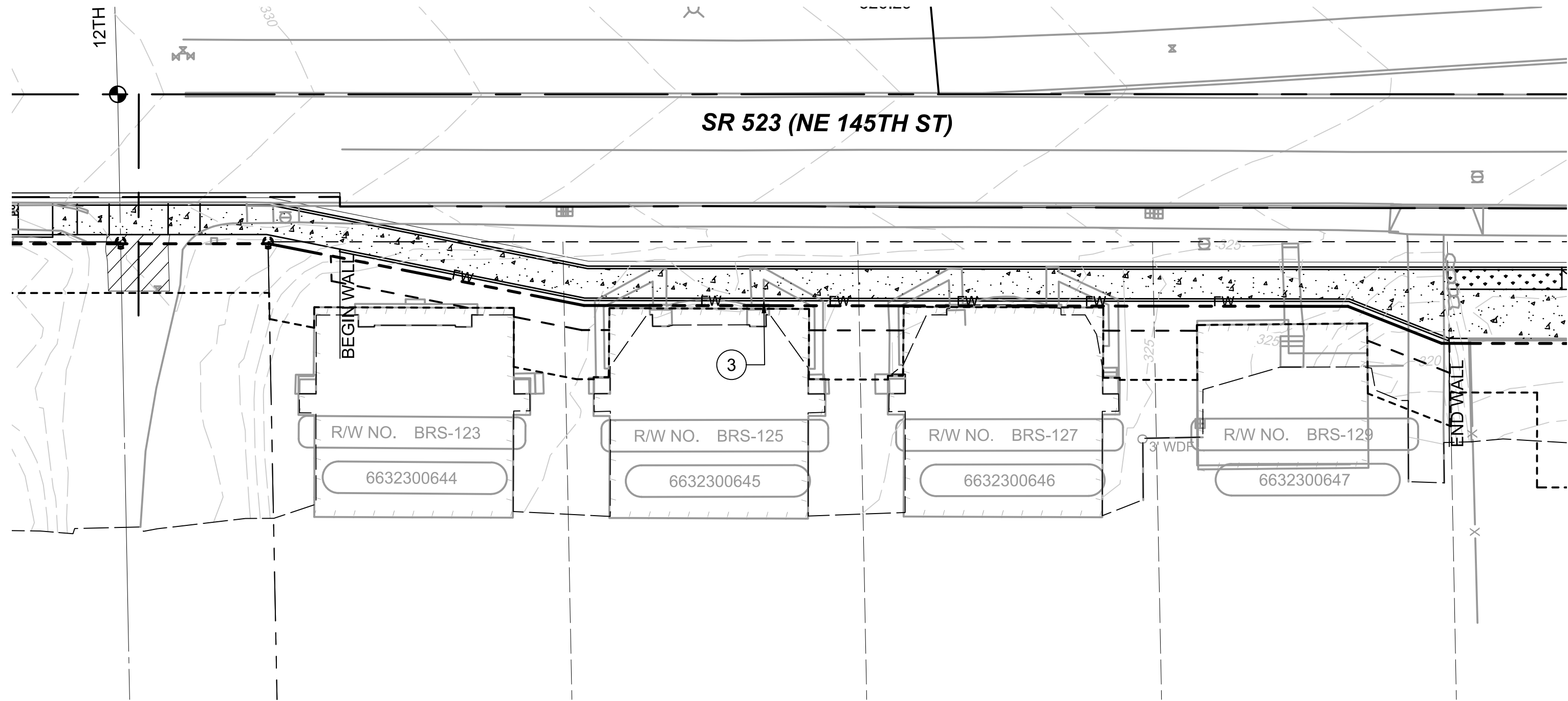
CONSTRUCTION NOTES:

- 1
- GRAVITY BLOCK WALL PER DETAIL X SHEET X.X.
- 2
- SOLDIER PILE WALL PER DETAIL X SHEET X.X.
- 3
- THICKENED EDGE SIDEWALK WALL PER DETAIL X SHEET X.X.



WALL PROFILE 145TH - 2026

SCALE: H:1"=20'; V:1"=5'



WALL PLAN 145TH - 2026

DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:

M. AMIN

DRAWN BY:

R. MUNOZ

CHECKED BY:

P. AVADUTHA

APPROVED BY:

J. MCKENZIE

Jacobs



DAVID EVANS
AND ASSOCIATES INC.

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Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:

D. SCHOCK

DATE:

REVIEWED BY:

B. KEMPER



DATE:

SCALE:

1" = 20'

FILENAME:

BRT-523-SWP101-109

CONTRACT No.:

AE 0055-17

DATE:

10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

STRUCTURAL
WALL PLAN AND PROFILE
STA. 20+27 TO 22+55

DRAWING No.:

523-SWP105

LOCATION ID:

523

SHEET No.:

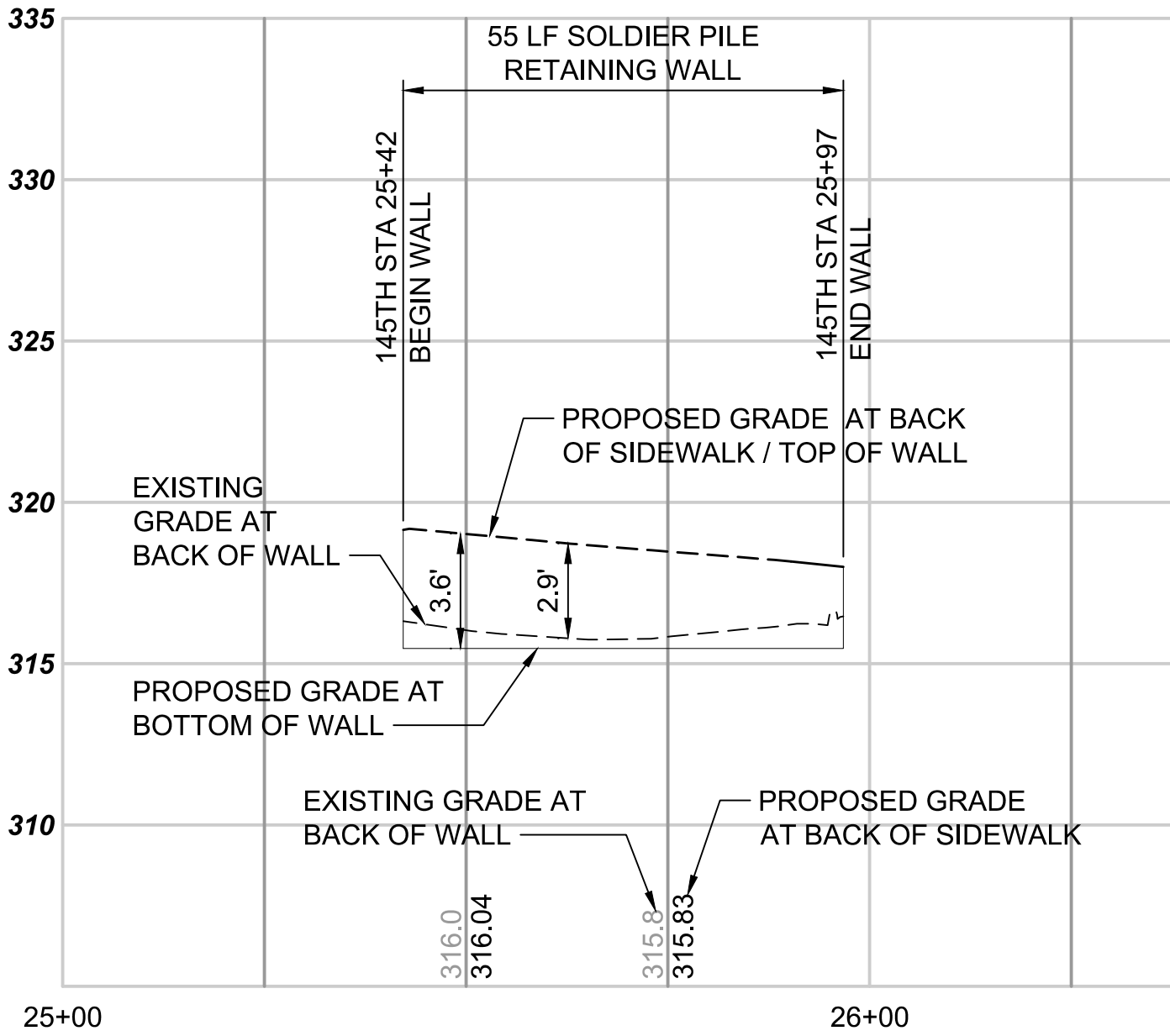
149

REV:

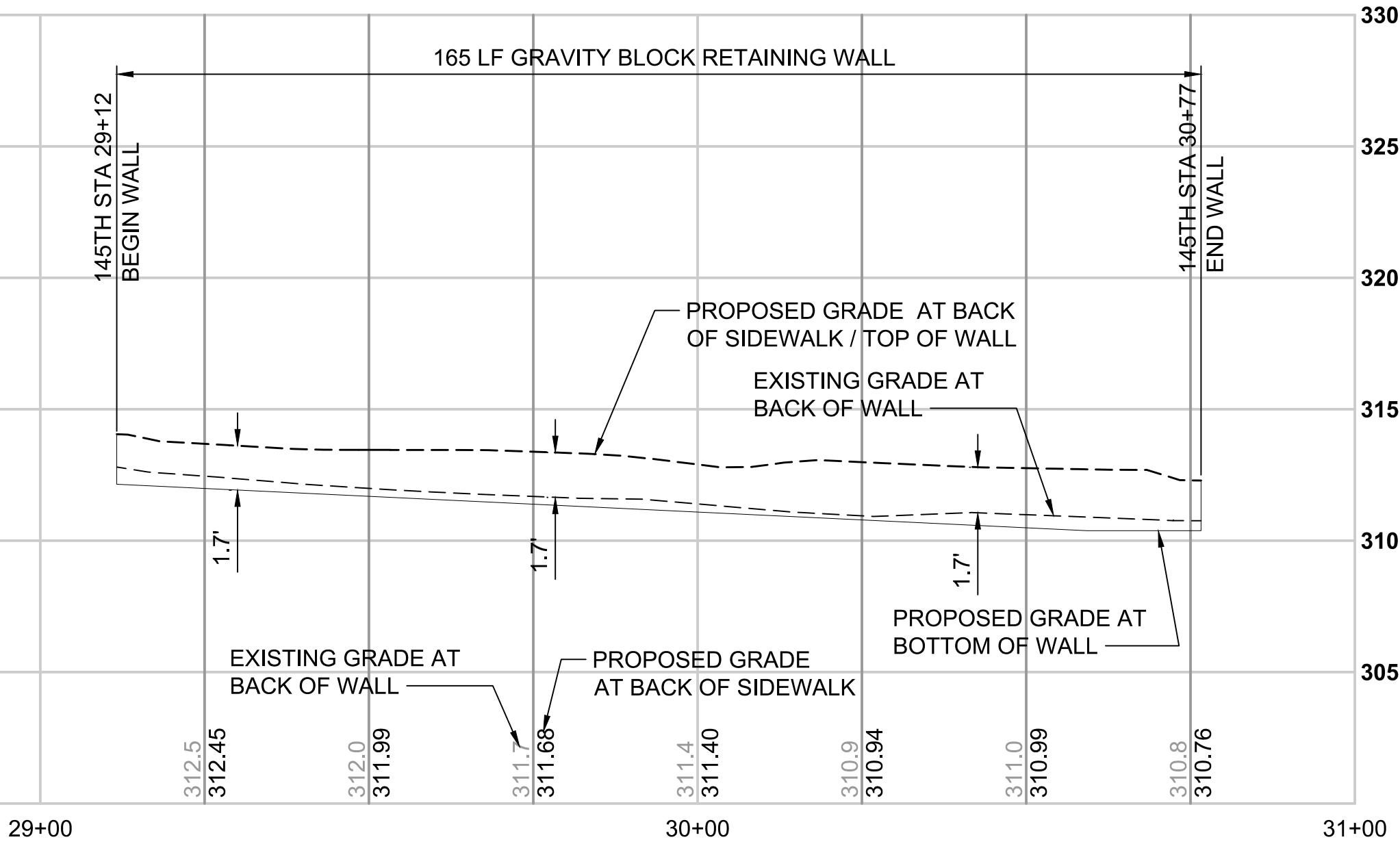
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CONSTRUCTION NOTES:

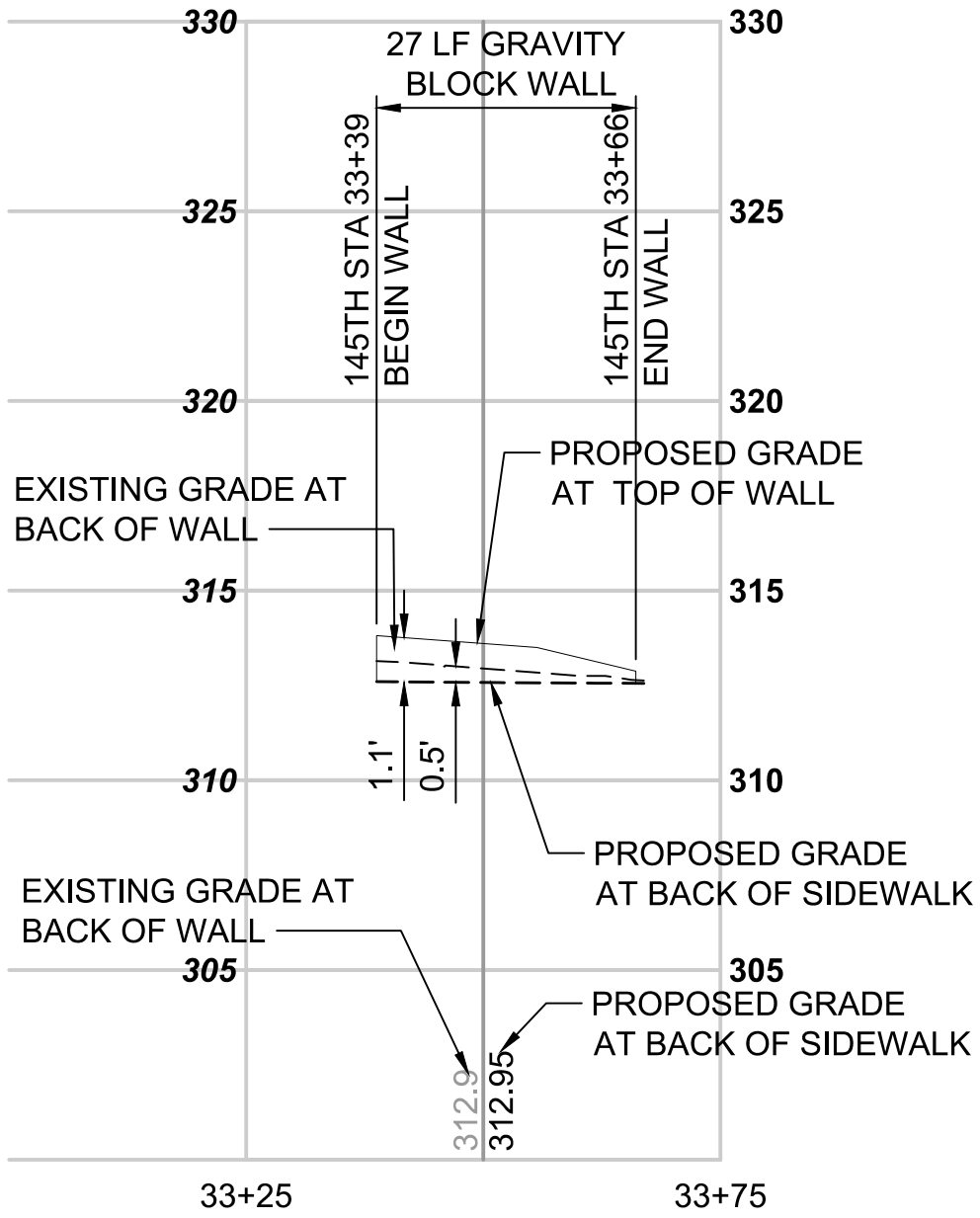
- 1 GRAVITY BLOCK WALL PER DETAIL X SHEET X.X.
- 2 SOLDIER PILE WALL PER DETAIL X SHEET X.X.
- 3 THICKENED EDGE SIDEWALK WALL PER DETAIL X SHEET X.X.



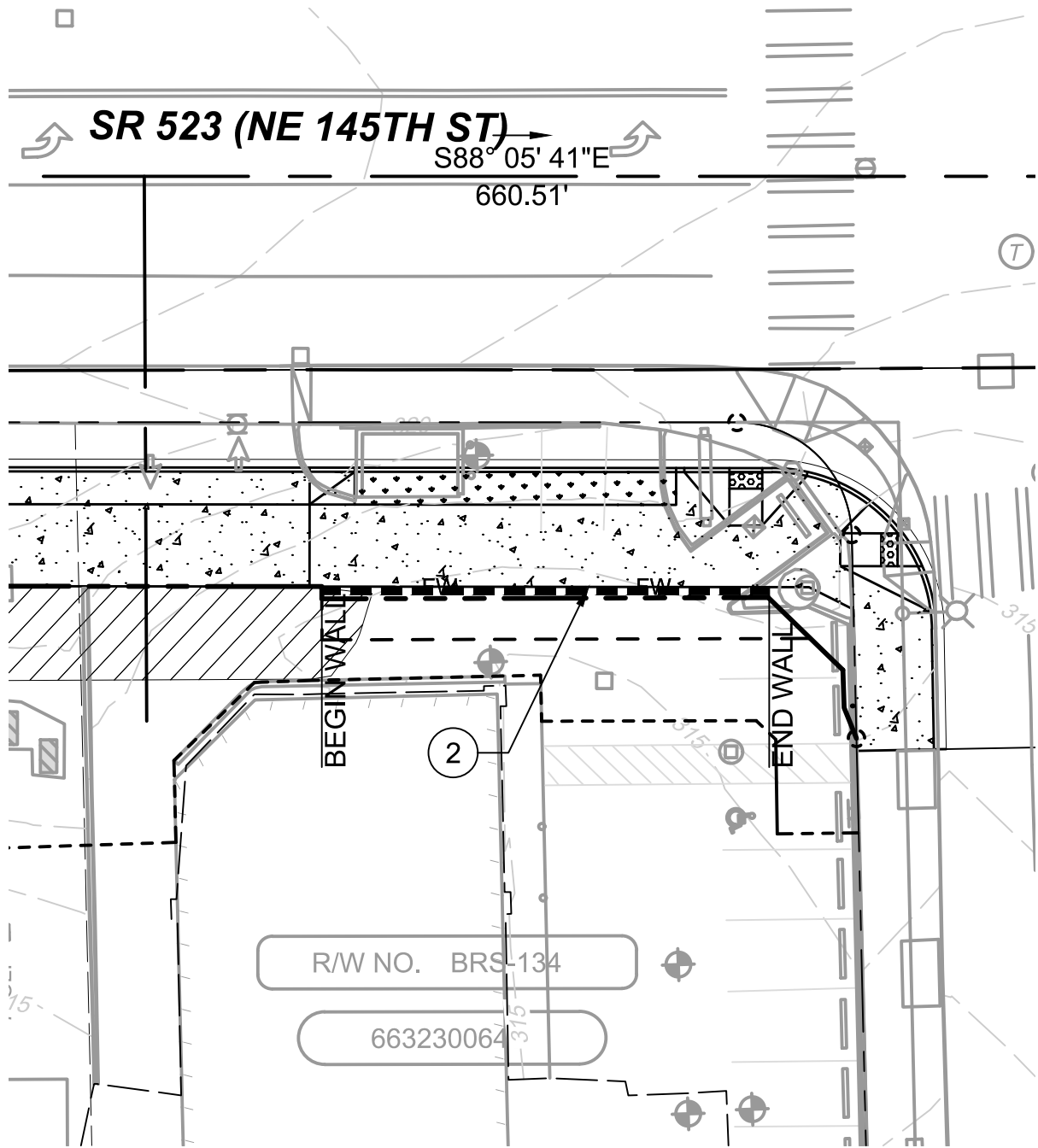
WALL PROFILE 145TH - 2542
SCALE: H:1"=20'; V:1"=5'



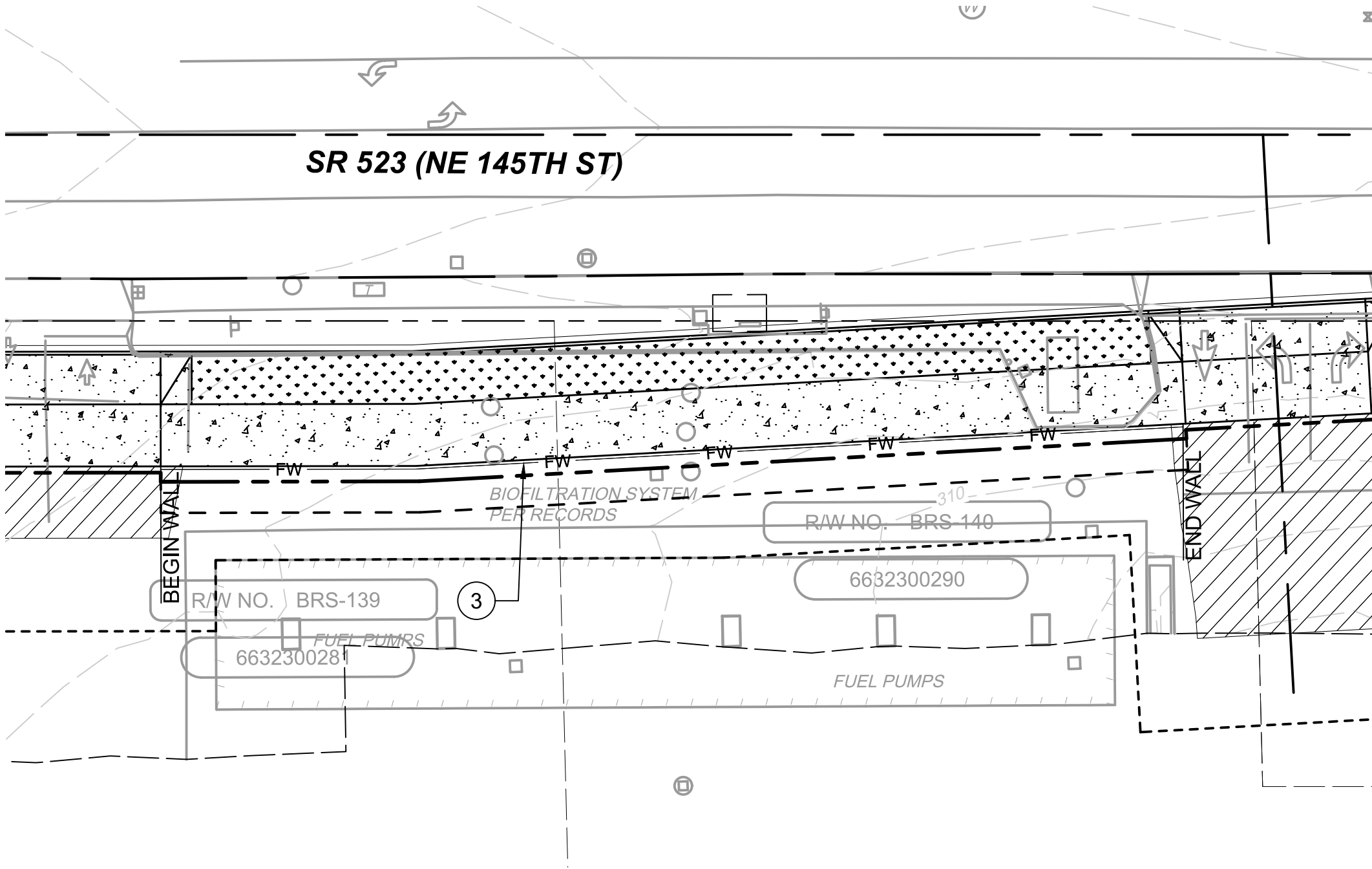
WALL PROFILE 145TH - 2911
SCALE: H:1"=20'; V:1"=5'



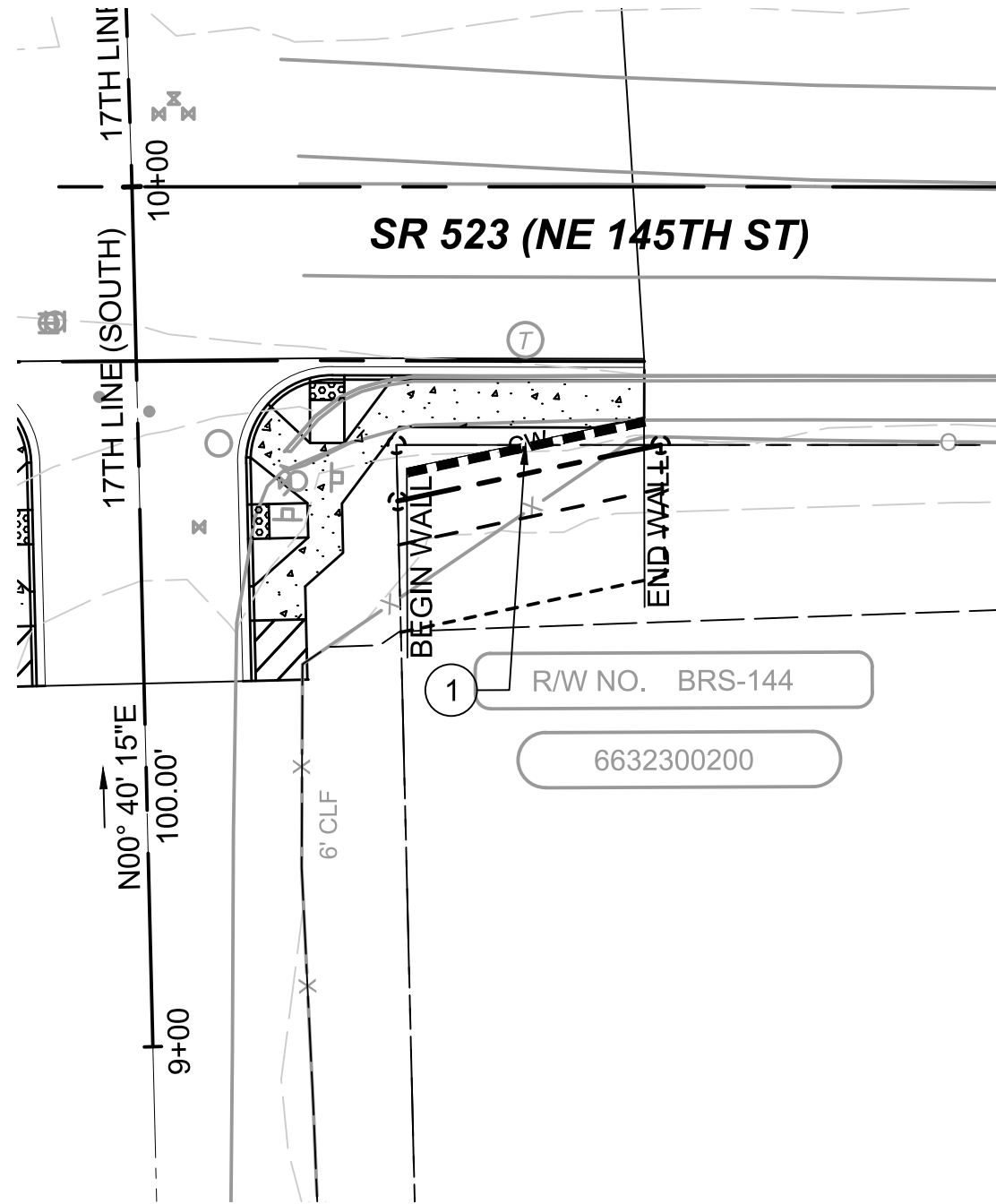
WALL PROFILE 145TH - 3338
SCALE: H:1"=20'; V:1"=5'



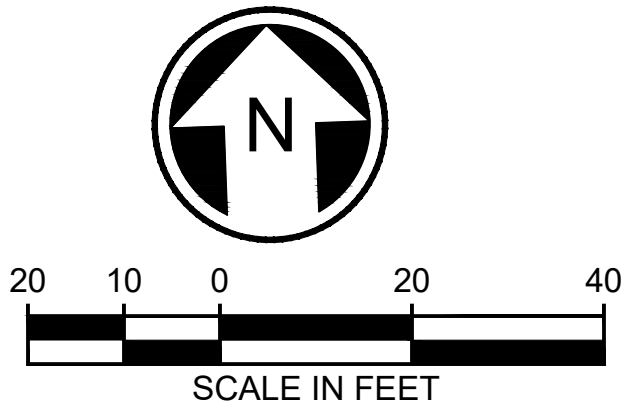
WALL PLAN 145TH - 2542



WALL PLAN 145TH - 2911



WALL PLAN 145TH - 3338



DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:	M. AMIN
DRAWN BY:	R. MUNOZ
CHECKED BY:	P. AVADUTHA
APPROVED BY:	J. MCKENZIE

Jacobs



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AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER

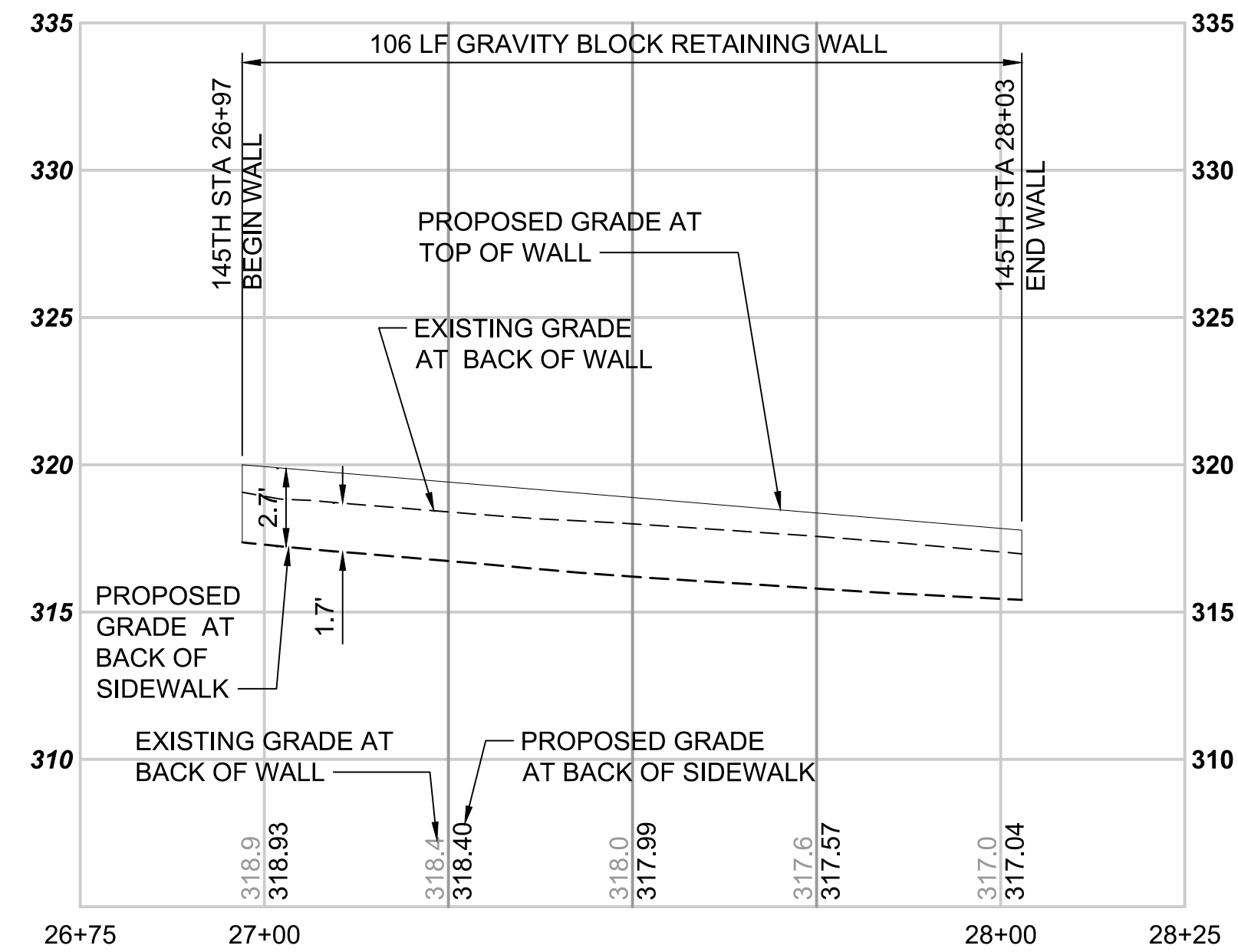


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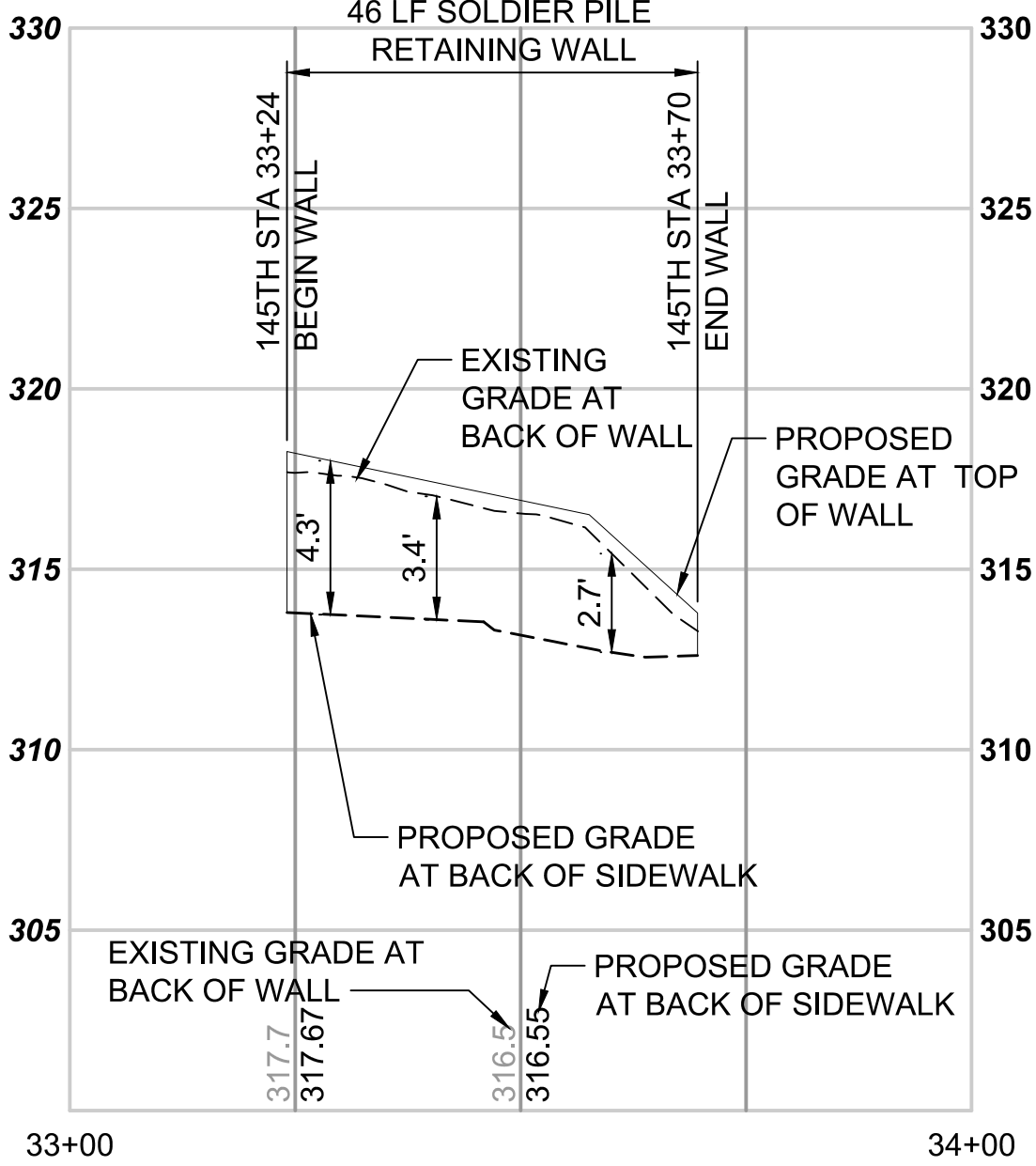
SCALE:	1" = 20'
FILENAME:	BRT-523-SWP101-109
CONTRACT No.:	AE 0055-17
DATE:	10/09/20

SR 522 / 145TH BRT
SR 523 (NE 145TH STREET)
STRUCTURAL WALL PLAN AND PROFILE STA. 25+42 TO 25+97, 29+12 TO 30+77 & 33+39 TO 33+66

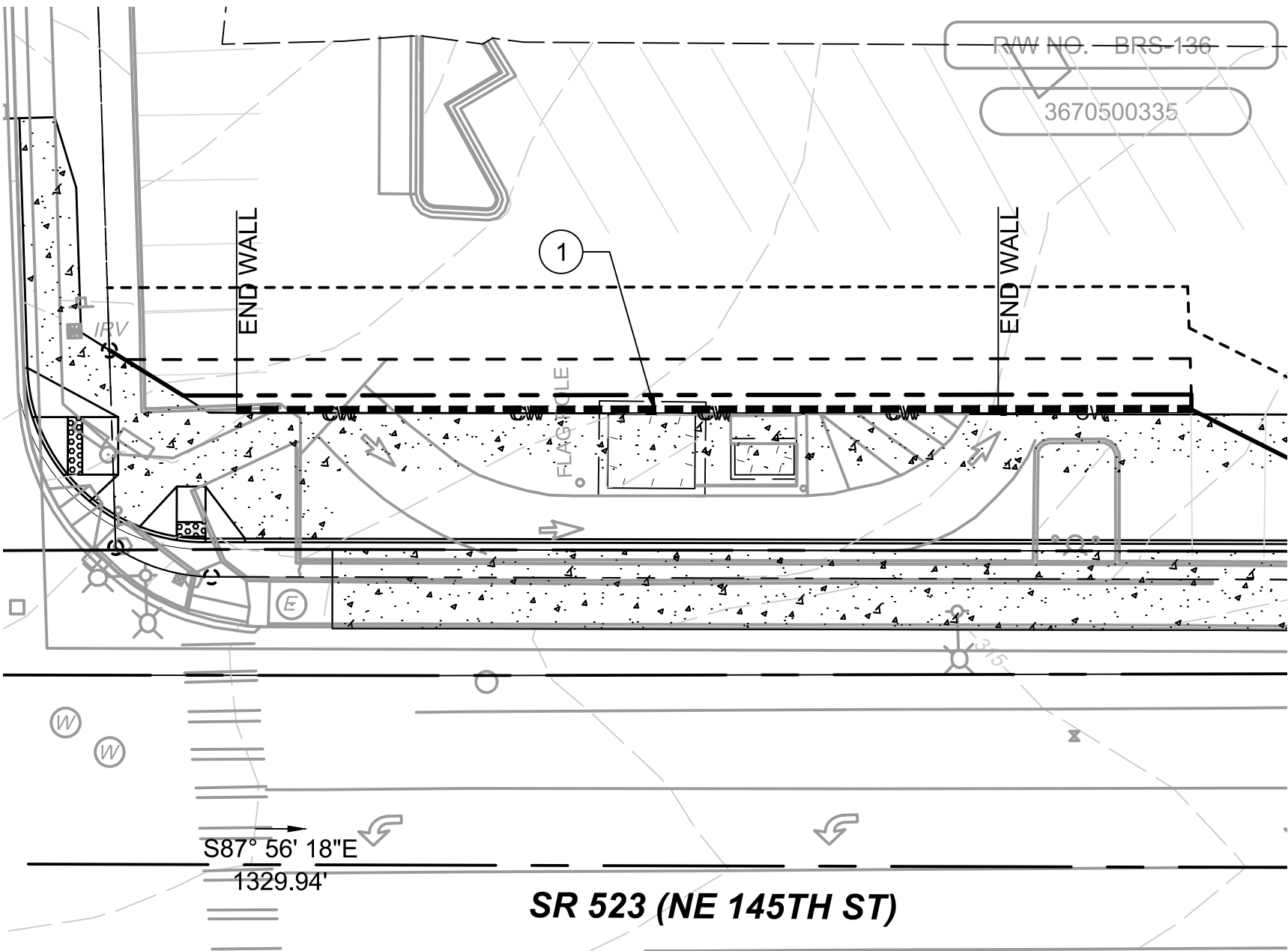
DRAWING No.:	523-SWP106
LOCATION ID:	523
SHEET No.:	150
REV.:	#



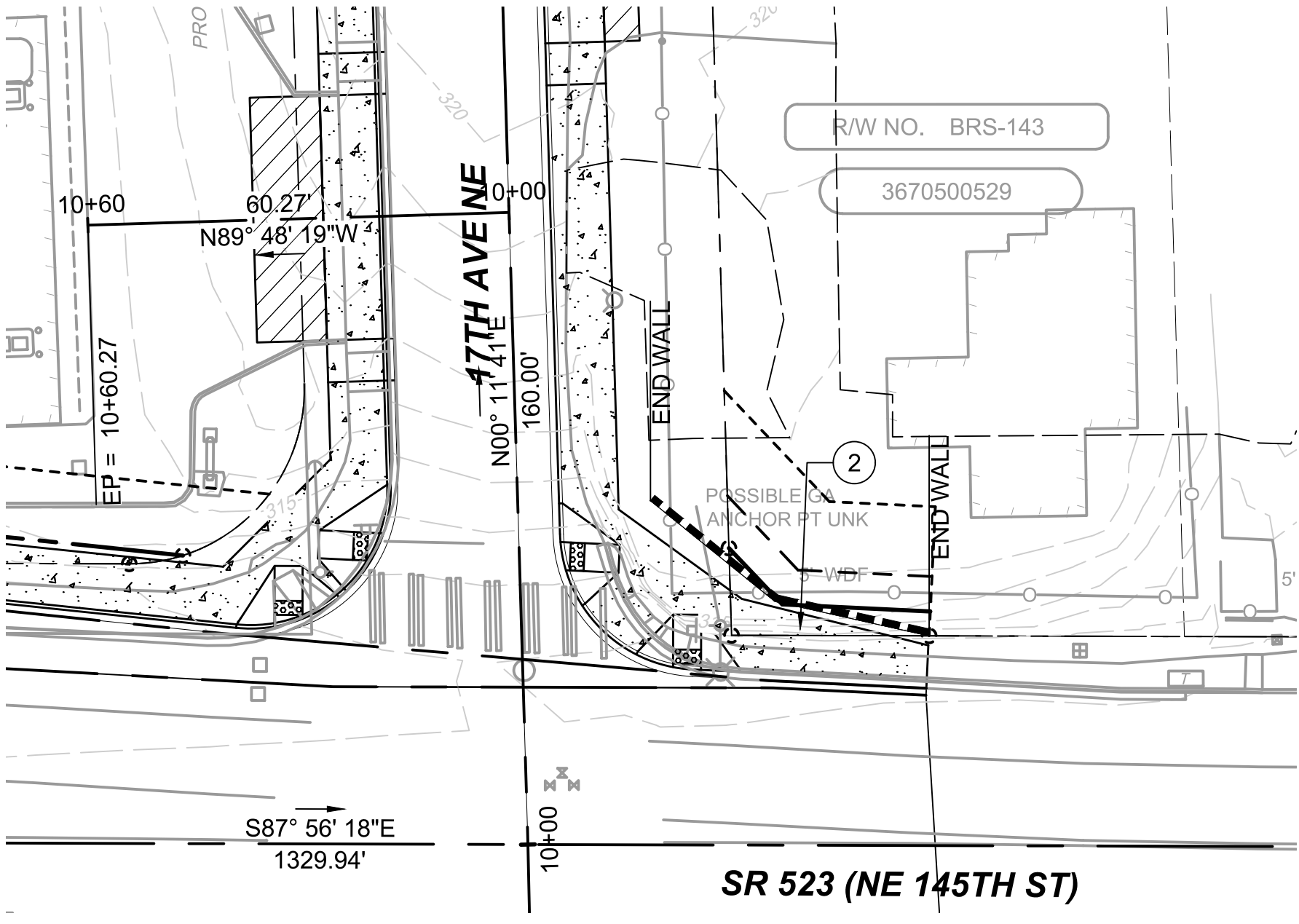
WALL PROFILE 145TH - 2697
SCALE: H:1"=20'; V:1"=5'



WALL PROFILE 145TH - 3324
SCALE: H:1"=20'; V:1"=5'

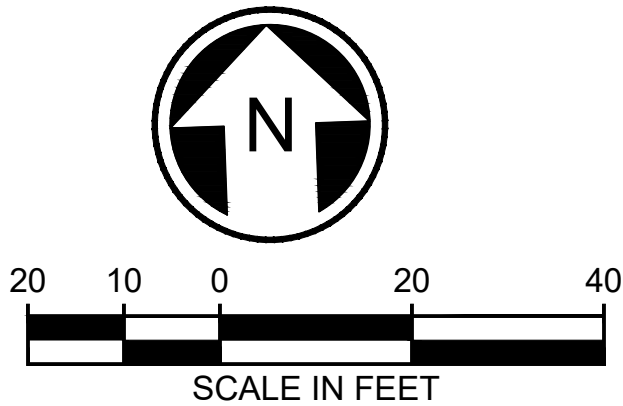


WALL PLAN 145TH - 2697



WALL PLAN 145TH - 3324

- CONSTRUCTION NOTES:**
- 1 GRAVITY BLOCK WALL PER DETAIL X SHEET X.X.
 - 2 SOLDIER PILE WALL PER DETAIL X SHEET X.X.
 - 3 THICKENED EDGE SIDEWALK WALL PER DETAIL X SHEET X.X.

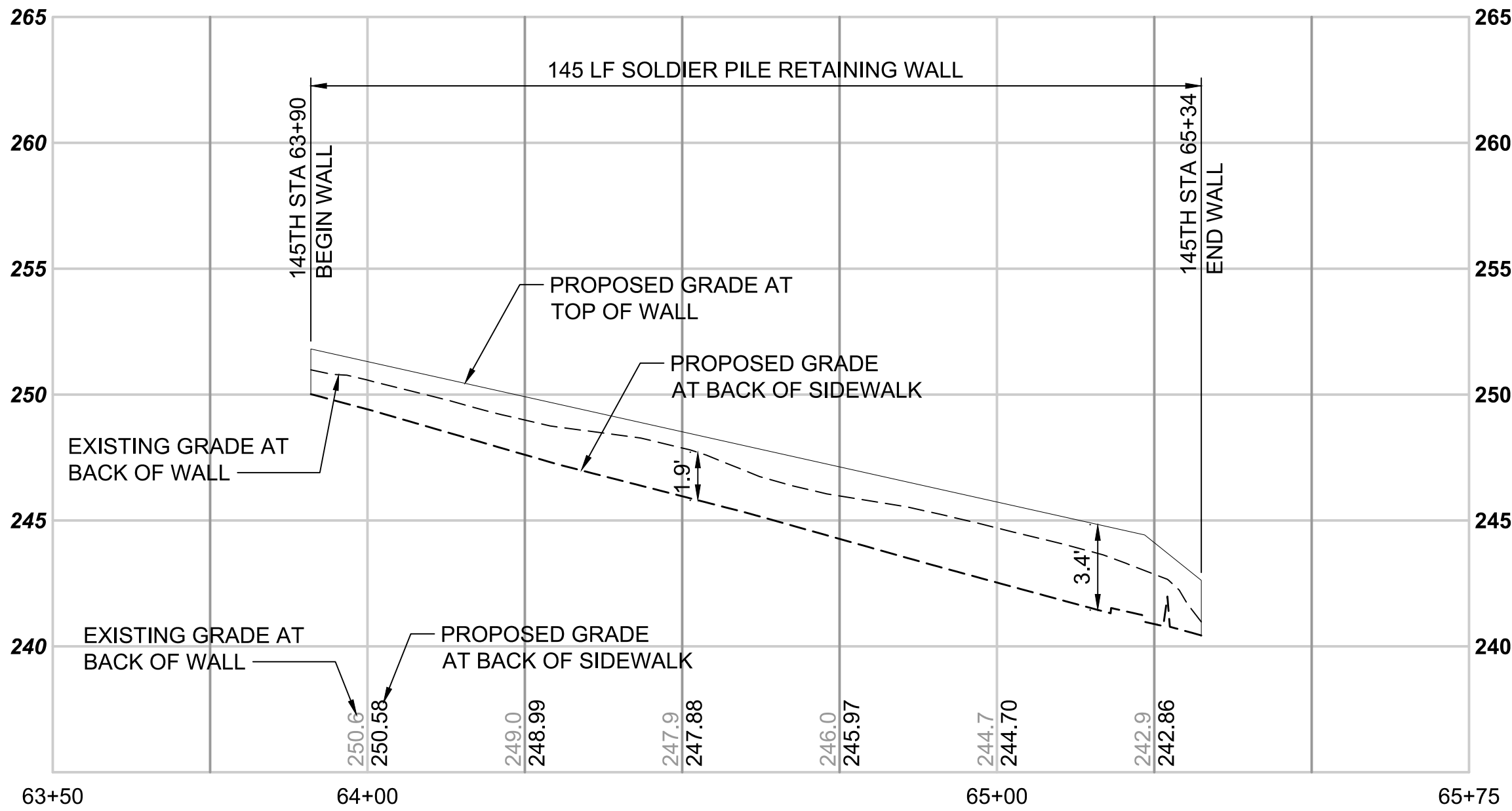


10/05/20 | 11:48 PM | RMUNOZ
C:\PW\WORK\DAIR\MUNOZ\MS10774\BRT-523-SWP\101-109.DWG

<div>DRAFT 30% SUBMITTAL</div>						<div>DESIGNED BY: M. AMIN</div>	<div><div>Jacobs</div><div><div>DAVID EVANS AND ASSOCIATES INC.</div><div>14432 SE Eastgate Way, Suite 400 Bellevue Washington 98007 Phone: 425.519.6500</div></div><div><div>LINE IS 1" AT FULL SCALE</div><div><div>SOUNDTRANSIT</div></div></div></div>				<div>SCALE: 1" = 20'</div>	<div>SR 522 / 145TH BRT</div>				<div>DRAWING No.: 523-SWP107</div>	
						<div>DRAWN BY: R. MUNOZ</div>					<div>FILENAME: BRT-523-SWP101-109</div>	<div>SR 523 (NE 145TH STREET)</div>				<div>LOCATION ID: 523</div>	
						<div>CHECKED BY: P. AVADUTHA</div>					<div>CONTRACT No.: AE 0055-17</div>	<div>STRUCTURAL WALL PLAN AND PROFILE</div>				<div>SHEET No.: 151</div>	
						<div>APPROVED BY: J. MCKENZIE</div>					<div>DATE: 10/09/20</div>	<div>STA. 26+97 TO STA. 28+03 & STA. 33+24 TO 33+72</div>				<div>REV: #</div>	
No.	DATE	DSN	CHK	APP	REVISION	<div>SUBMITTED BY: D. SCHOCK</div>		<div>DATE:</div>		<div>REVIEWED BY: B. KEMPER</div>		<div>DATE:</div>					

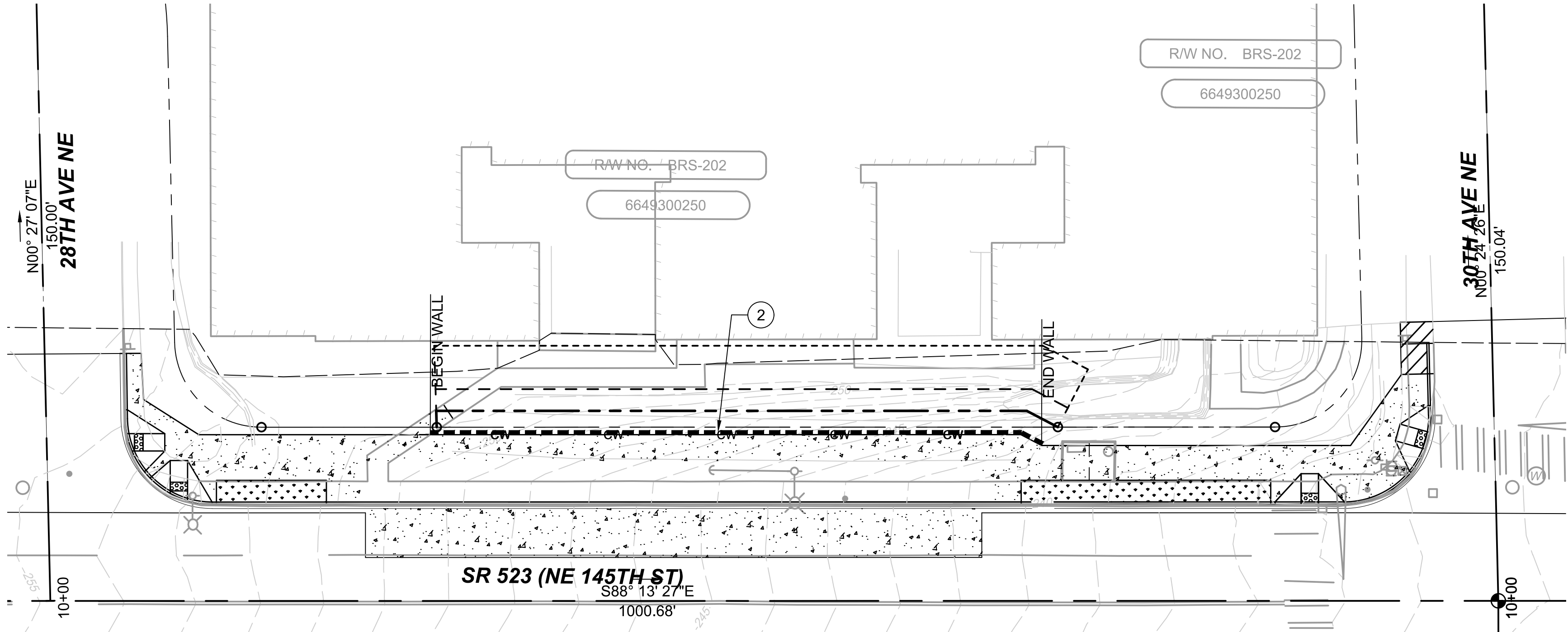
CONSTRUCTION NOTES:

- 1
- GRAVITY BLOCK WALL PER DETAIL X SHEET X.X.
- 2
- SOLDIER PILE WALL PER DETAIL X SHEET X.X.
- 3
- THICKENED EDGE SIDEWALK WALL PER DETAIL X SHEET X.X.

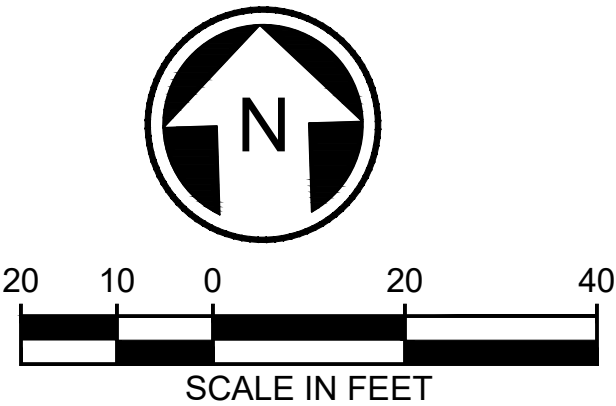


WALL PROFILE 145TH - 6391

SCALE: H:1"=20'; V:1"=5'



WALL PLAN 145TH - 6391



DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:
M. AMIN

DRAWN BY:
R. MUNOZ

CHECKED BY:
P. AVADUTHA

APPROVED BY:
J. MCKENZIE

Jacobs



DAVID EVANS
AND ASSOCIATES INC.

14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

LINE IS 1" AT
FULL SCALE



SCALE:
1" = 20'

FILENAME:
BRT-523-SWP101-109

CONTRACT No.:
AE 0055-17

DATE:
10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

STRUCTURAL
WALL PLAN AND PROFILE
STA. 63+90 TO STA. 65+34

DRAWING No.:
523-SWP108

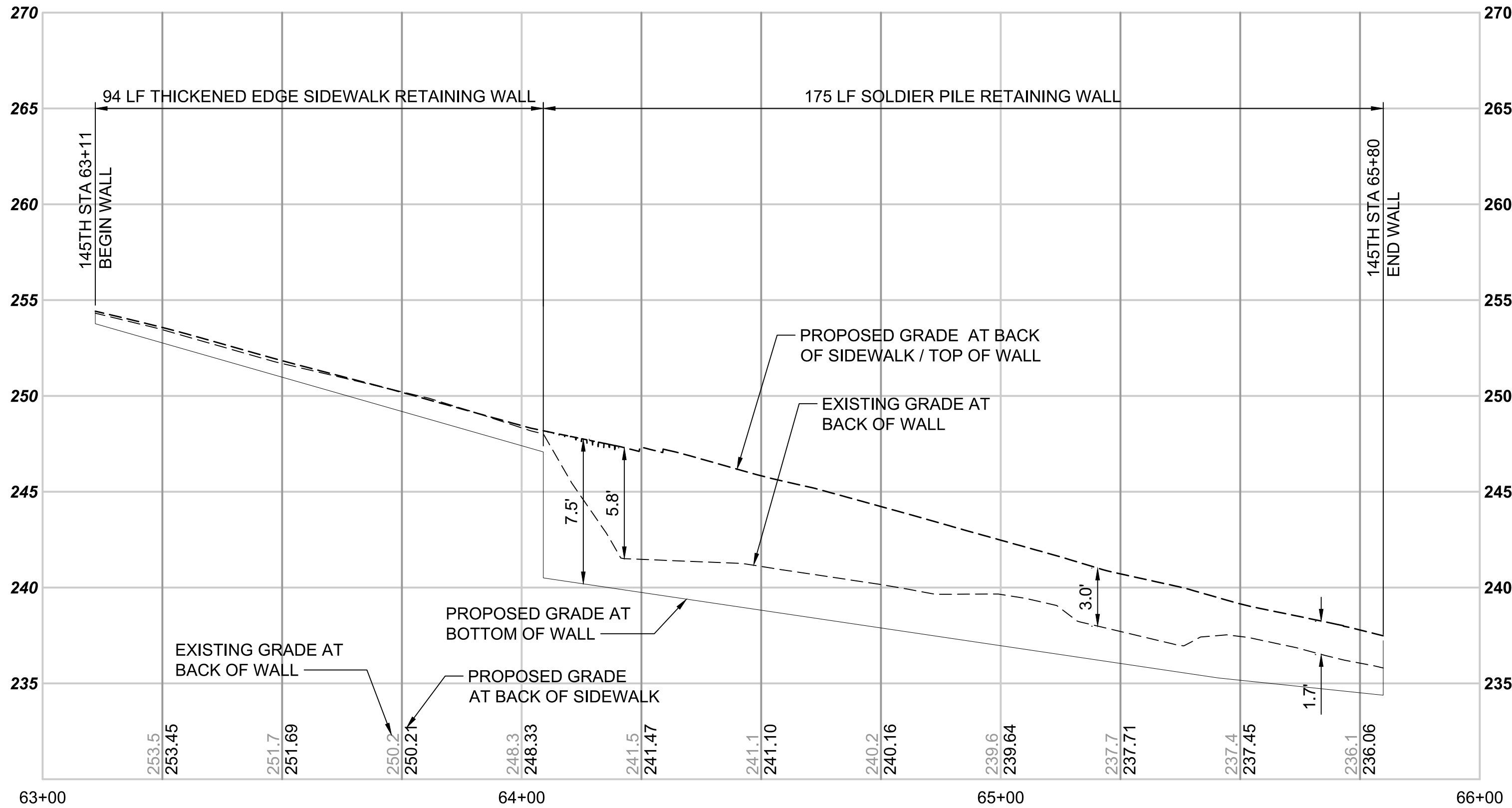
LOCATION ID:
523

SHEET No.:
152

REV:
#

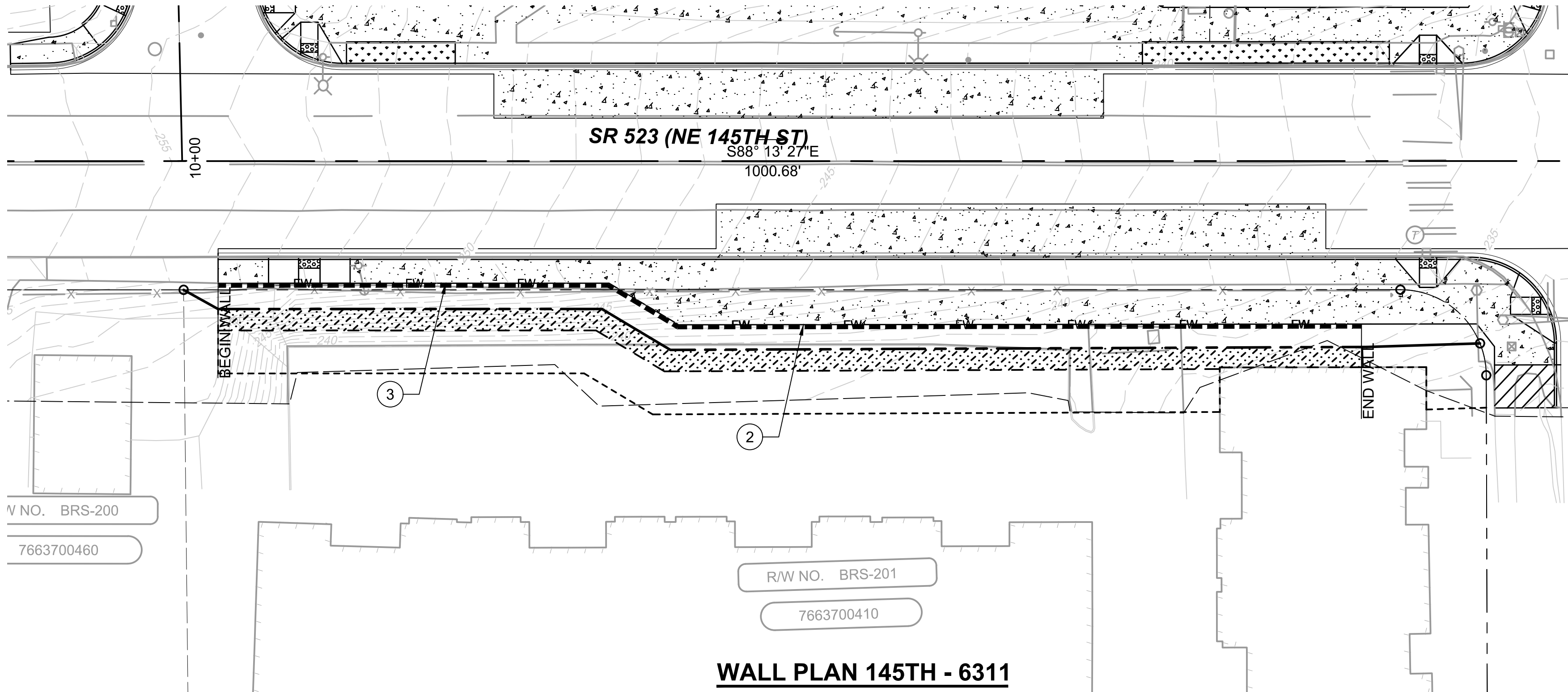
CONSTRUCTION NOTES:

- 1
- GRAVITY BLOCK WALL PER DETAIL X SHEET X.X.
- 2
- SOLDIER PILE WALL PER DETAIL X SHEET X.X.
- 3
- THICKENED EDGE SIDEWALK WALL PER DETAIL X SHEET X.X.

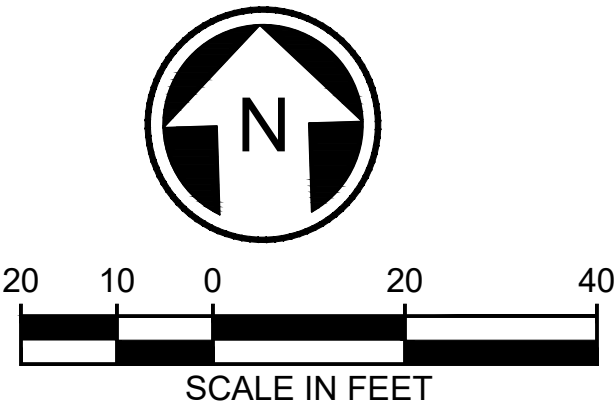


WALL PROFILE 145TH - 6311

SCALE: H:1"=20'; V:1"=5'



WALL PLAN 145TH - 6311



DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:

M. AMIN

DRAWN BY:

R. MUNOZ

CHECKED BY:

P. AVADUTHA

APPROVED BY:

J. MCKENZIE

Jacobs



DAVID EVANS
AND ASSOCIATES INC.

14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:

D. SCHOCK

DATE:

REVIEWED BY:

B. KEMPER



SCALE:

1" = 20'

FILENAME:

BRT-523-SWP101-109

CONTRACT No.:

AE 0055-17

DATE:

10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

STRUCTURAL
WALL PLAN AND PROFILE
STA. 63+11 TO STA. 65+80

DRAWING No.:

523-SWP109

LOCATION ID:

523

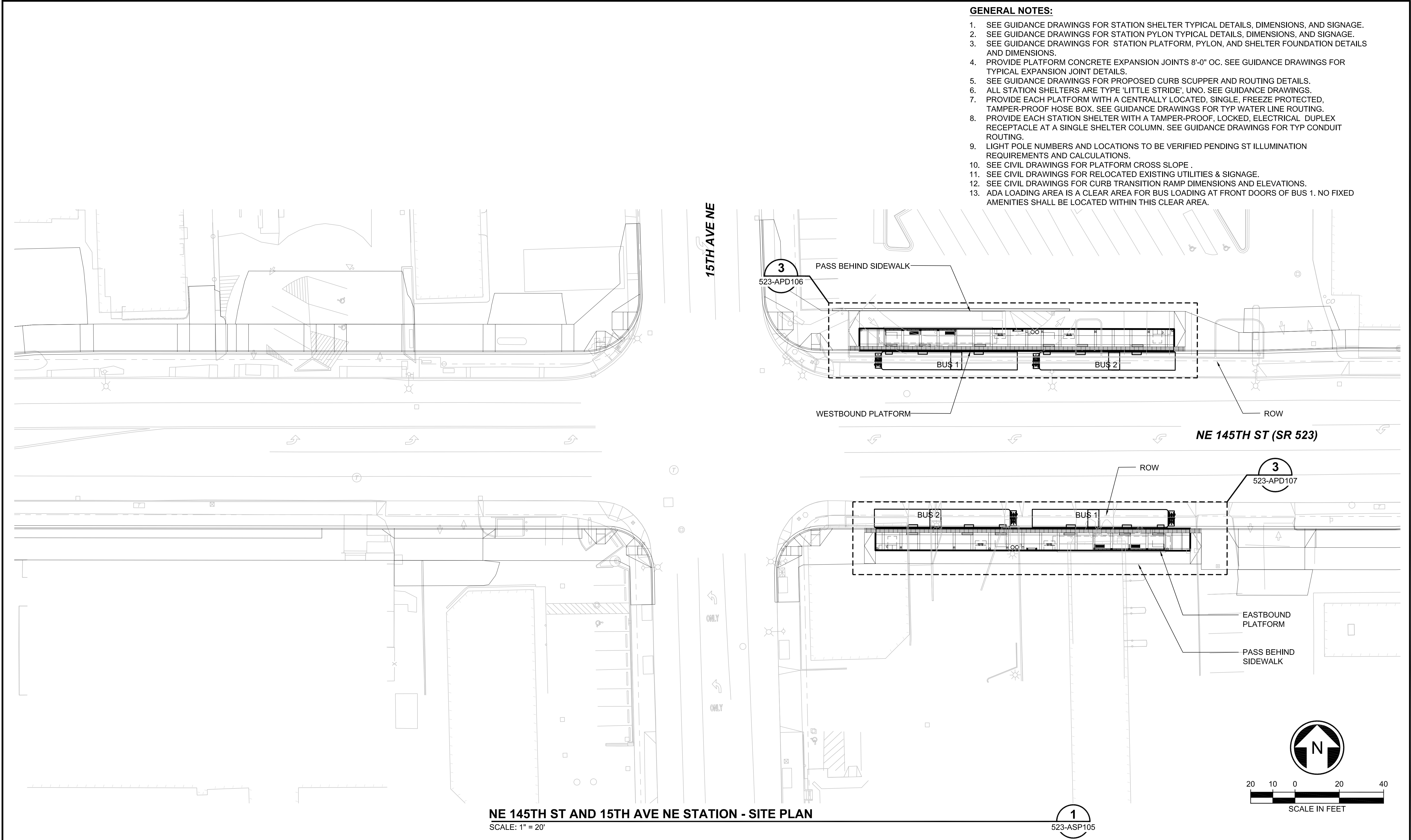
SHEET No.:

153

REV:

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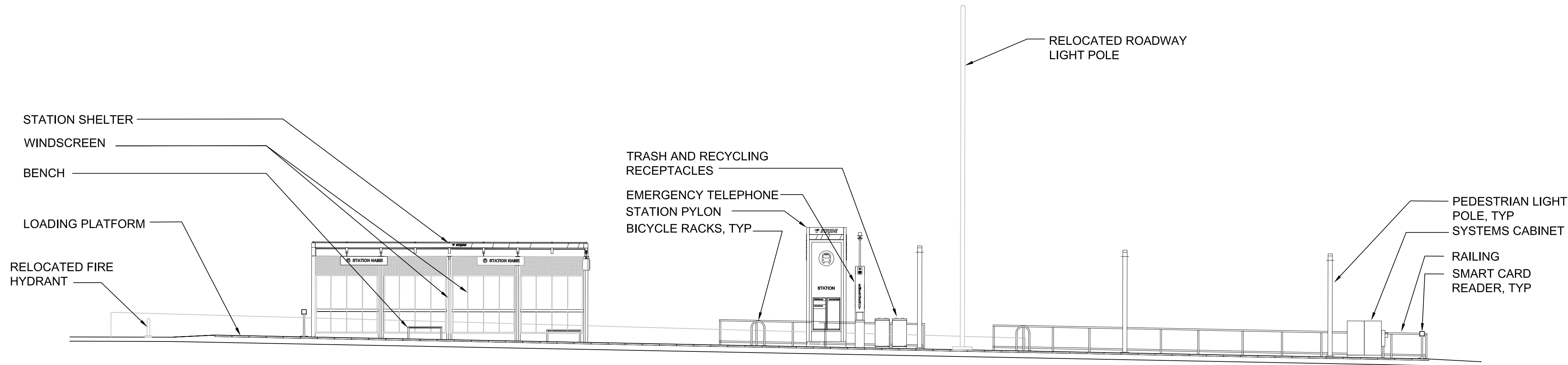
10/05/20 | 1:59 PM | CHRISTINE
C:\PW_WORK\DEAFRANK_BRESCIA\DWG\506737\BRT-523-ASP-105-109.DWG



- GENERAL NOTES:**
1. SEE GUIDANCE DRAWINGS FOR STATION SHELTER TYPICAL DETAILS, DIMENSIONS, AND SIGNAGE.
 2. SEE GUIDANCE DRAWINGS FOR STATION PYLON TYPICAL DETAILS, DIMENSIONS, AND SIGNAGE.
 3. SEE GUIDANCE DRAWINGS FOR STATION PLATFORM, PYLON, AND SHELTER FOUNDATION DETAILS AND DIMENSIONS.
 4. PROVIDE PLATFORM CONCRETE EXPANSION JOINTS 8'-0" OC. SEE GUIDANCE DRAWINGS FOR TYPICAL EXPANSION JOINT DETAILS.
 5. SEE GUIDANCE DRAWINGS FOR PROPOSED CURB SCUPPER AND ROUTING DETAILS.
 6. ALL STATION SHELTERS ARE TYPE 'LITTLE STRIDE', UNO. SEE GUIDANCE DRAWINGS.
 7. PROVIDE EACH PLATFORM WITH A CENTRALLY LOCATED, SINGLE, FREEZE PROTECTED, TAMPER-PROOF HOSE BOX. SEE GUIDANCE DRAWINGS FOR TYP WATER LINE ROUTING.
 8. PROVIDE EACH STATION SHELTER WITH A TAMPER-PROOF, LOCKED, ELECTRICAL DUPLEX RECEPTACLE AT A SINGLE SHELTER COLUMN. SEE GUIDANCE DRAWINGS FOR TYP CONDUIT ROUTING.
 9. LIGHT POLE NUMBERS AND LOCATIONS TO BE VERIFIED PENDING ST ILLUMINATION REQUIREMENTS AND CALCULATIONS.
 10. SEE CIVIL DRAWINGS FOR PLATFORM CROSS SLOPE .
 11. SEE CIVIL DRAWINGS FOR RELOCATED EXISTING UTILITIES & SIGNAGE.
 12. SEE CIVIL DRAWINGS FOR CURB TRANSITION RAMP DIMENSIONS AND ELEVATIONS.
 13. ADA LOADING AREA IS A CLEAR AREA FOR BUS LOADING AT FRONT DOORS OF BUS 1. NO FIXED AMENITIES SHALL BE LOCATED WITHIN THIS CLEAR AREA.

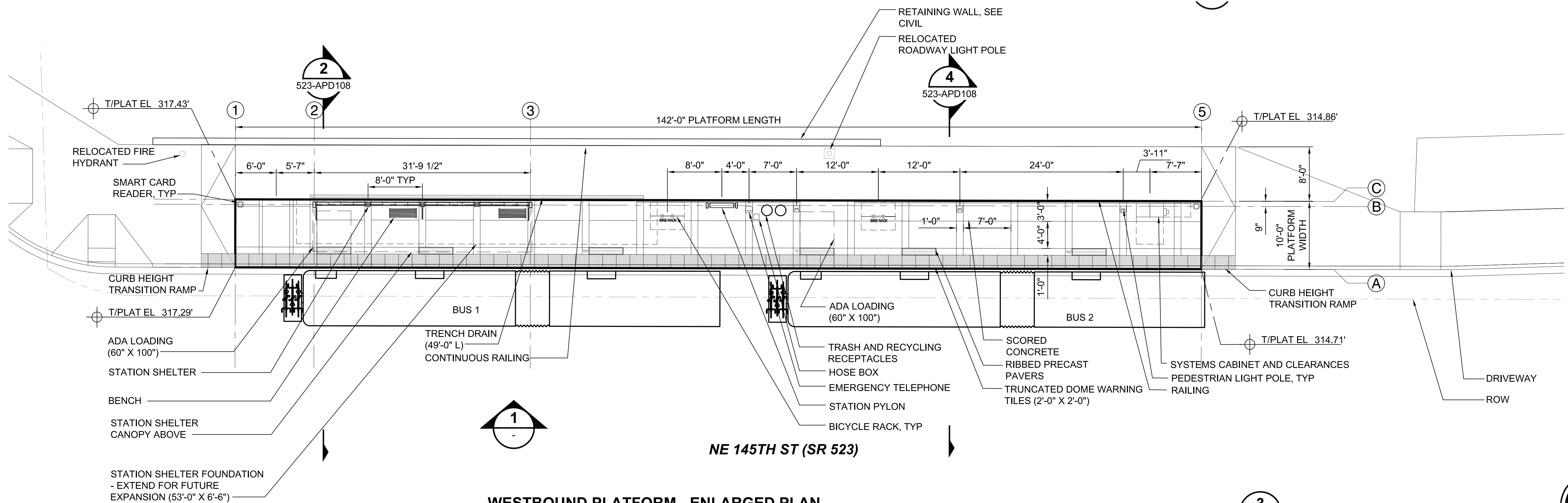
DRAFT 30% SUBMITTAL						DESIGNED BY: C. SCHARRER	SCHARRERAD	 DAVID EVANS AND ASSOCIATES INC. 14432 SE Eastgate Way, Suite 400 Bellevue Washington 98007 Phone: 425.519.6500	LINE IS 1" AT FULL SCALE	 SOUNDTRANSIT	SCALE: 1" = 20' - 0"	SR 522 / 145TH BRT SR 523 (NE 145TH STREET) ARCHITECTURAL STATION SITE PLAN NE 145TH & 15TH AVE NE	DRAWING No.: 523-ASP105	
						DRAWN BY: F. BRESCIA					FILENAME: BRT-523-ASP105-109		FACILITY ID: 523	
						CHECKED BY: J. HAMMERQUIST					CONTRACT No.: AE 0055-17		SHEET No.: 154	
						APPROVED BY: C. SCHARRER					DATE: 10/09/20		REV:	
No.	DATE	DSN	CHK	APP	REVISION		SUBMITTED BY: D. SCHOCK	DATE:	REVIEWED BY: B. KEMPER	DATE:				

NOTE:
1. SEE 523-ASP105 FOR GENERAL NOTES



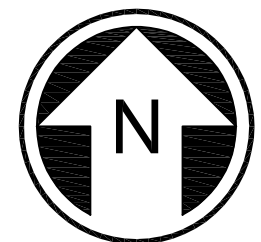
WESTBOUND PLATFORM - ELEVATION
SCALE: 1/8" = 1'-0"

1
523-APD106



WESTBOUND PLATFORM - ENLARGED PLAN
SCALE: 1/8" = 1'-0"

3
523-APD106



10/05/20 | 1:59 PM | CHRISTINE
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DRAFT 30% SUBMITTAL

DESIGNED BY:
C. SCHARRER
DRAWN BY:
F. BRESCIA
CHECKED BY:
J. HAMMERQUIST
APPROVED BY:
C. SCHARRER

SCHARRERAD



**DAVID EVANS
AND ASSOCIATES INC.**
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

LINE IS 1" AT
FULL SCALE



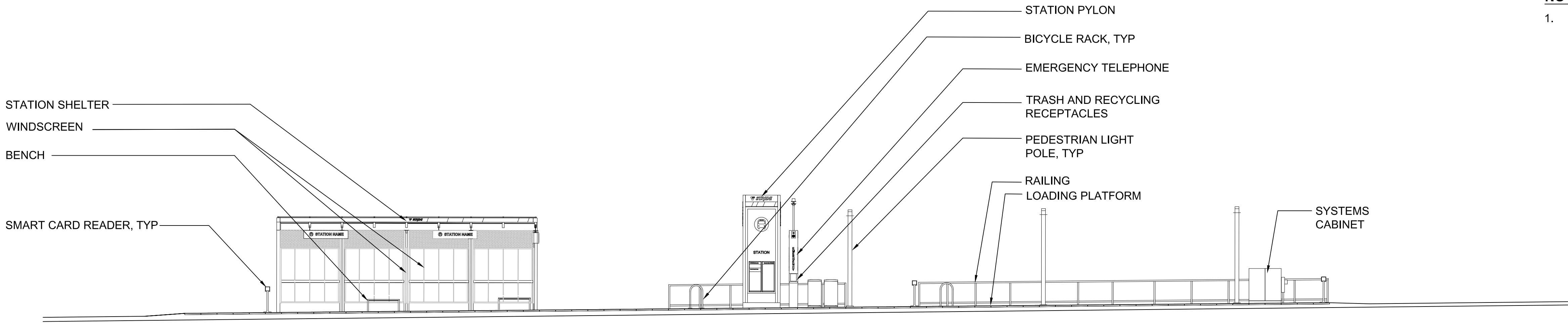
SCALE:
1/8" = 1'-0"
FILENAME:
BRT-523-ASP105-109
CONTRACT No.:
AE 0055-17
DATE:
10/09/20

SR 522 / 145TH BRT
SR 523 (NE 145TH STREET)
ARCHITECTURAL
STATION DETAILS
NE 145TH & 15TH AVE NE

DRAWING No.:
523-APD106
FACILITY ID:
523
SHEET No.:
155
REV:

No.	DATE	DSN	CHK	APP	REVISION

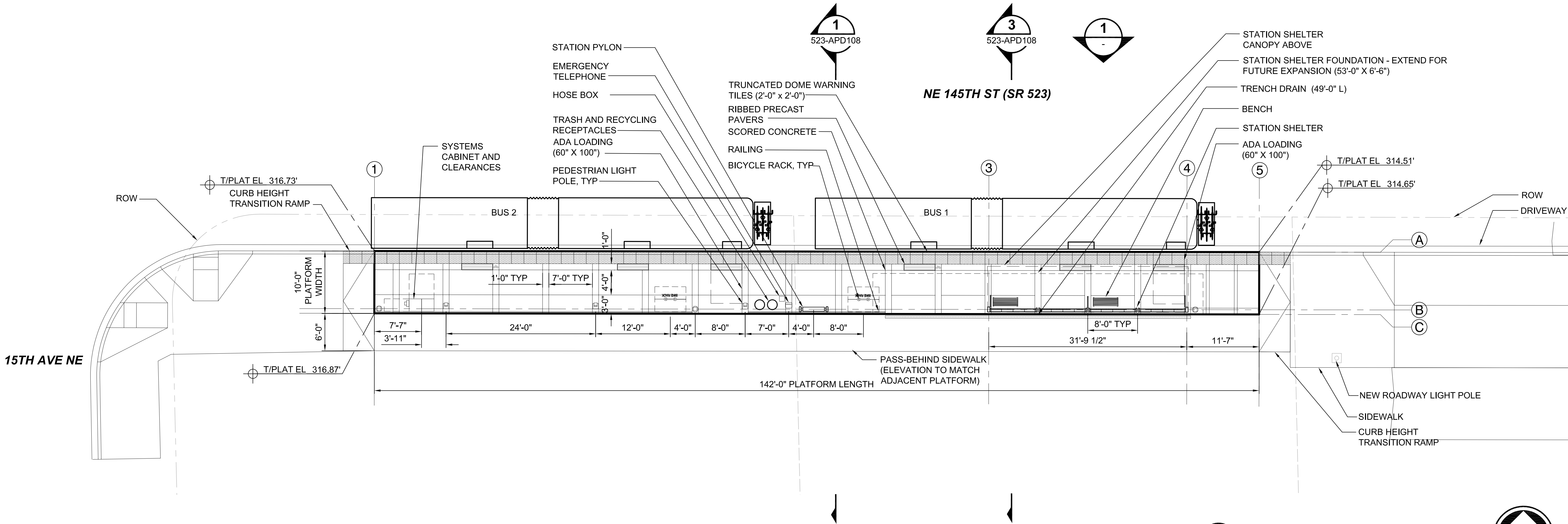
10/05/20 | 2:05 PM | CHRISTINE
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EASTBOUND PLATFORM - ELEVATION

SCALE: 1/8" = 1'-0"

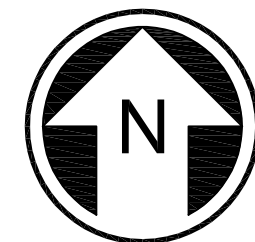
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523-APD107



EASTBOUND PLATFORM - ENLARGED PLAN

SCALE: 1/8" = 1'-0"

3
523-APD107



DRAFT 30% SUBMITTAL

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:	C. SCHARRER
DRAWN BY:	F. BRESCIA
CHECKED BY:	J. HAMMERQUIST
APPROVED BY:	C. SCHARRER

SCHARRERAD



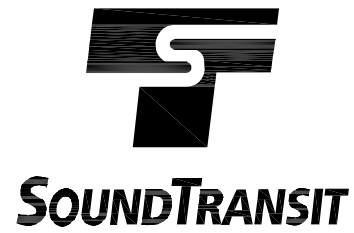
**DAVID EVANS
AND ASSOCIATES INC.**
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER

LINE IS 1" AT
FULL SCALE



DATE:

SCALE: 1/8" = 1'-0"
FILENAME: BRT-523-ASP105-109
CONTRACT No.: AE 0055-17
DATE: 10/09/20

SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

ARCHITECTURAL
STATION DETAILS
NE 145TH & 15TH AVE NE

DRAWING No.:

523-APD107

FACILITY ID:

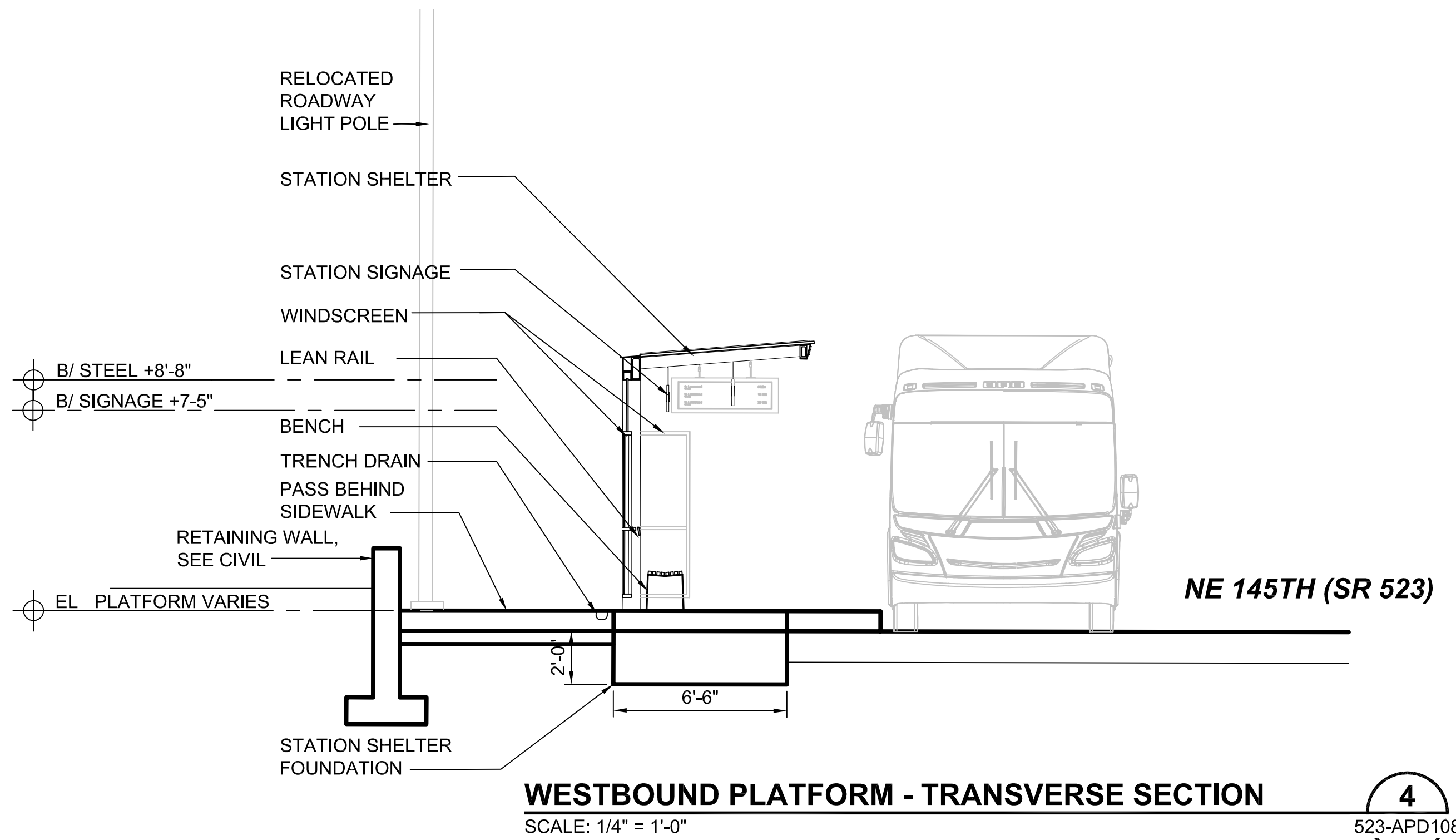
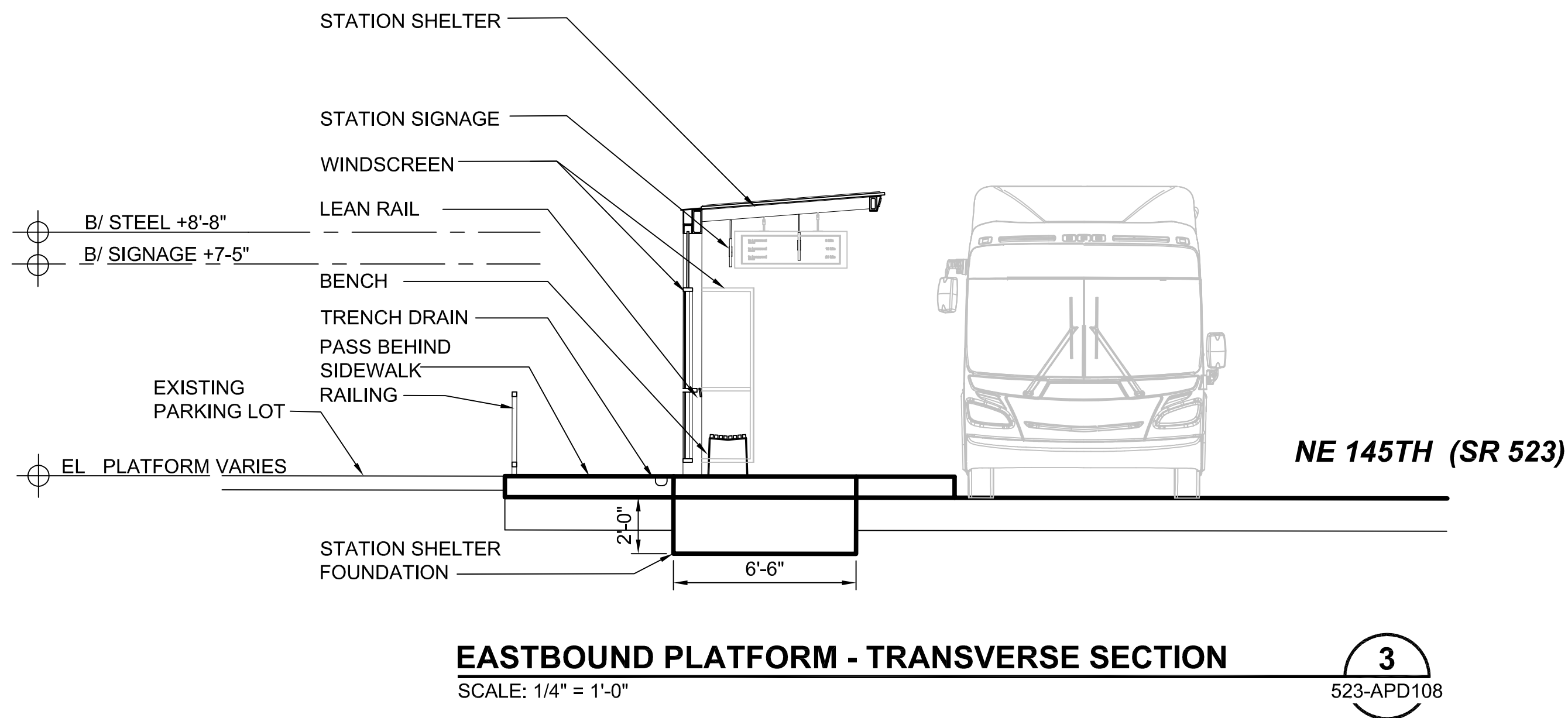
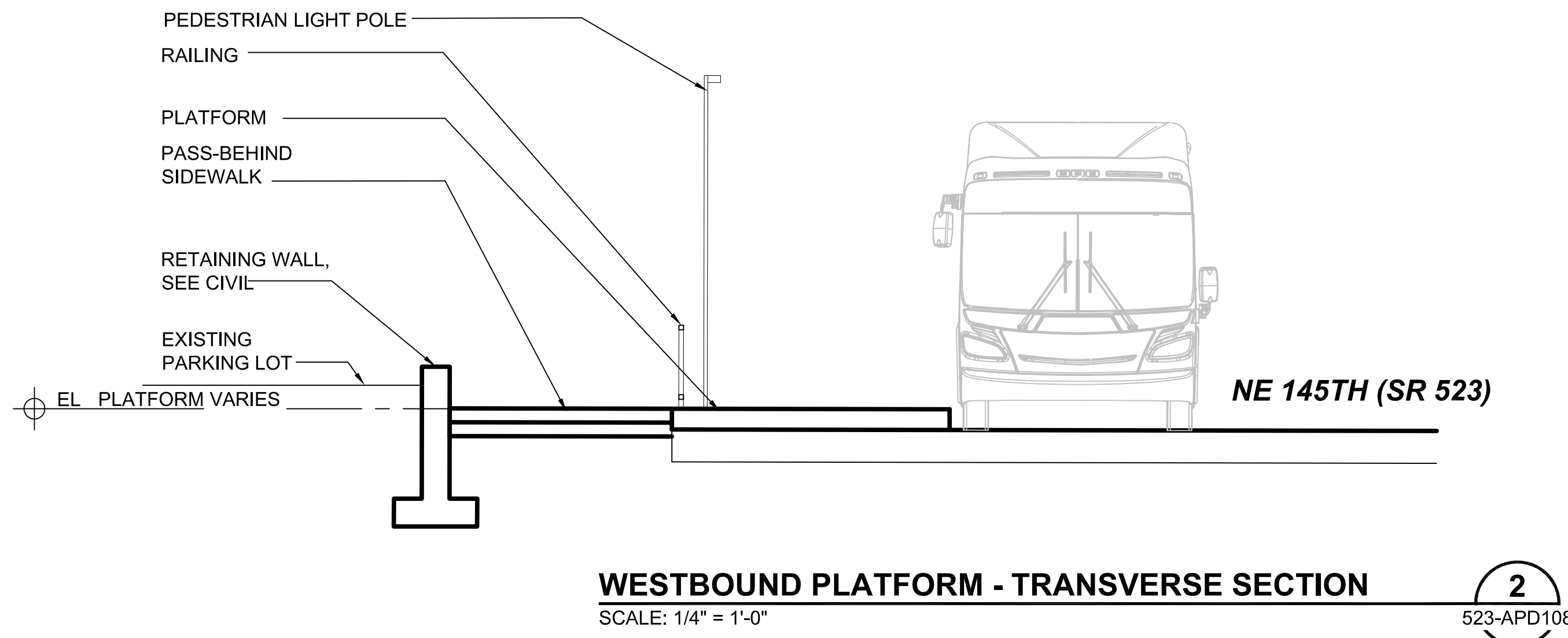
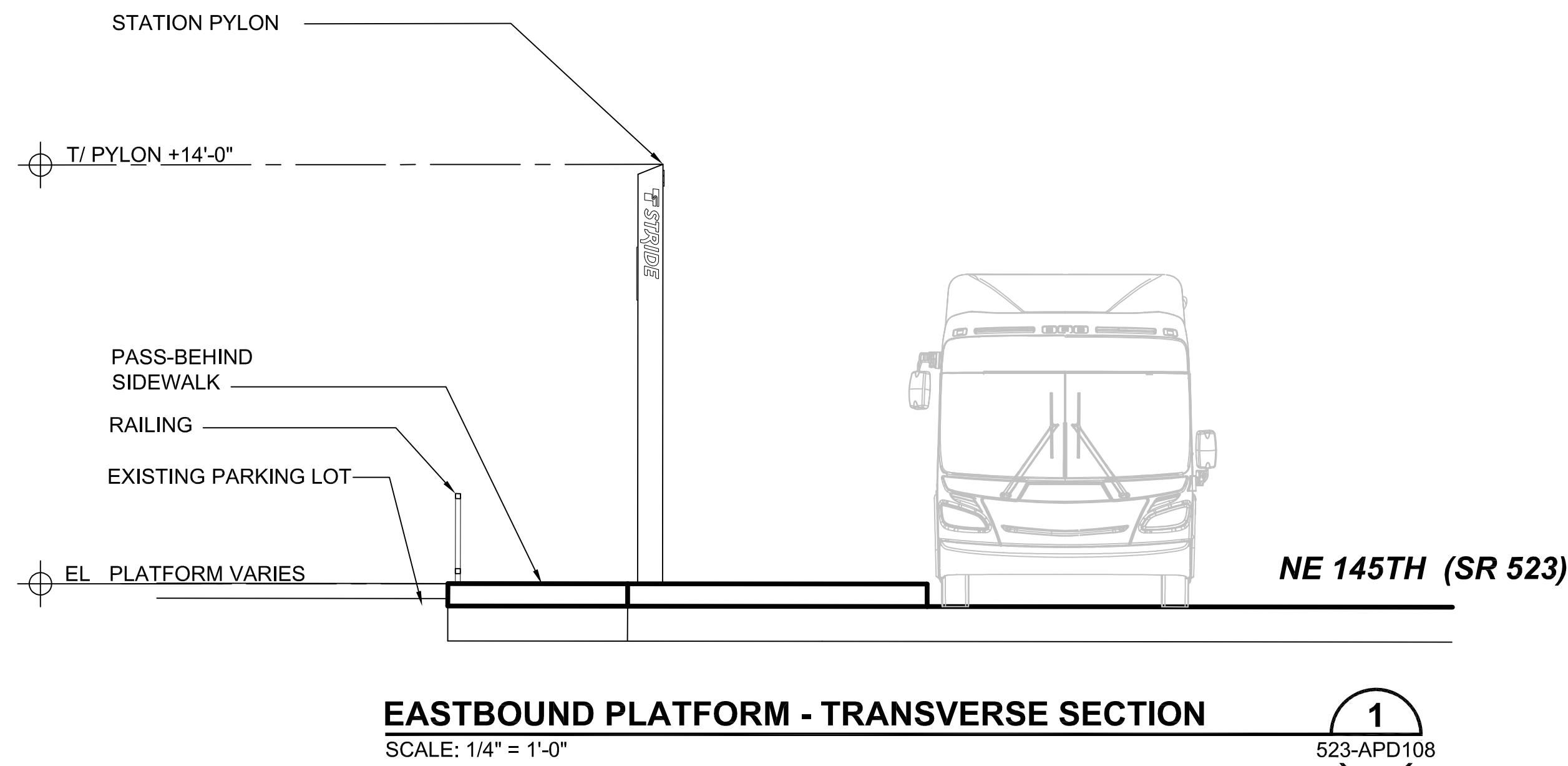
523

SHEET No.:

REV:

156

NOTE:
1. SEE 523-ASP105 FOR GENERAL NOTES



10/05/20 | 2:06 PM | CHRISTINE
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DRAFT 30% SUBMITTAL

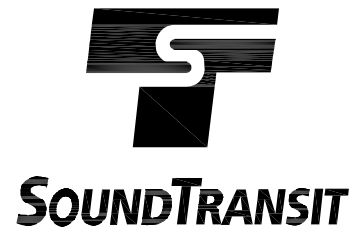
DESIGNED BY:
C. SCHARRER
DRAWN BY:
F. BRESCIA
CHECKED BY:
J. HAMMERQUIST
APPROVED BY:
C. SCHARRER

SCHARRERAD



DAVID EVANS
AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

LINE IS 1" AT
FULL SCALE



SCALE:
1/4" = 1'-0"
FILENAME:
BRT-523-ASP105-109
CONTRACT No.:
AE 0055-17
DATE:
10/09/20

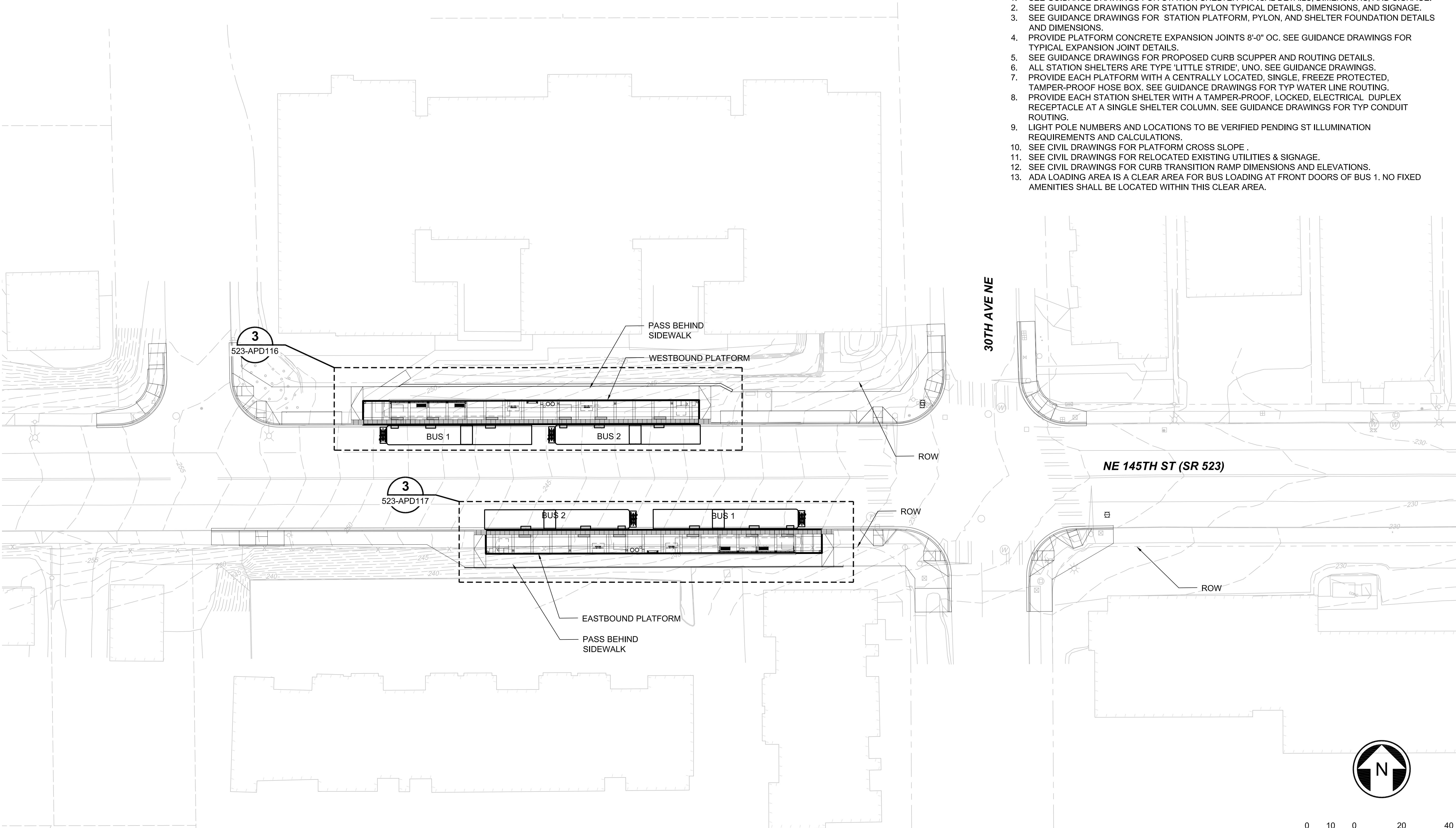
SR 522 / 145TH BRT
SR 523 (NE 145TH STREET)
ARCHITECTURAL
SECTIONS
NE 145TH & 15TH AVE NE

DRAWING No.:
523-APD108
FACILITY ID:
523
SHEET No.:
157
REV:

No.	DATE	DSN	CHK	APP	REVISION

10/05/20 | 1:52 PM | CHRISTINE
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- GENERAL NOTES:**
- 1. SEE GUIDANCE DRAWINGS FOR STATION SHELTER TYPICAL DETAILS, DIMENSIONS, AND SIGNAGE.
 - 2. SEE GUIDANCE DRAWINGS FOR STATION PYLON TYPICAL DETAILS, DIMENSIONS, AND SIGNAGE.
 - 3. SEE GUIDANCE DRAWINGS FOR STATION PLATFORM, PYLON, AND SHELTER FOUNDATION DETAILS AND DIMENSIONS.
 - 4. PROVIDE PLATFORM CONCRETE EXPANSION JOINTS 8'-0" OC. SEE GUIDANCE DRAWINGS FOR TYPICAL EXPANSION JOINT DETAILS.
 - 5. SEE GUIDANCE DRAWINGS FOR PROPOSED CURB SCUPPER AND ROUTING DETAILS.
 - 6. ALL STATION SHELTERS ARE TYPE 'LITTLE STRIDE', UNO. SEE GUIDANCE DRAWINGS.
 - 7. PROVIDE EACH PLATFORM WITH A CENTRALLY LOCATED, SINGLE, FREEZE PROTECTED, TAMPER-PROOF HOSE BOX. SEE GUIDANCE DRAWINGS FOR TYP WATER LINE ROUTING.
 - 8. PROVIDE EACH STATION SHELTER WITH A TAMPER-PROOF, LOCKED, ELECTRICAL DUPLEX RECEPTACLE AT A SINGLE SHELTER COLUMN. SEE GUIDANCE DRAWINGS FOR TYP CONDUIT ROUTING.
 - 9. LIGHT POLE NUMBERS AND LOCATIONS TO BE VERIFIED PENDING ST ILLUMINATION REQUIREMENTS AND CALCULATIONS.
 - 10. SEE CIVIL DRAWINGS FOR PLATFORM CROSS SLOPE .
 - 11. SEE CIVIL DRAWINGS FOR RELOCATED EXISTING UTILITIES & SIGNAGE.
 - 12. SEE CIVIL DRAWINGS FOR CURB TRANSITION RAMP DIMENSIONS AND ELEVATIONS.
 - 13. ADA LOADING AREA IS A CLEAR AREA FOR BUS LOADING AT FRONT DOORS OF BUS 1. NO FIXED AMENITIES SHALL BE LOCATED WITHIN THIS CLEAR AREA.

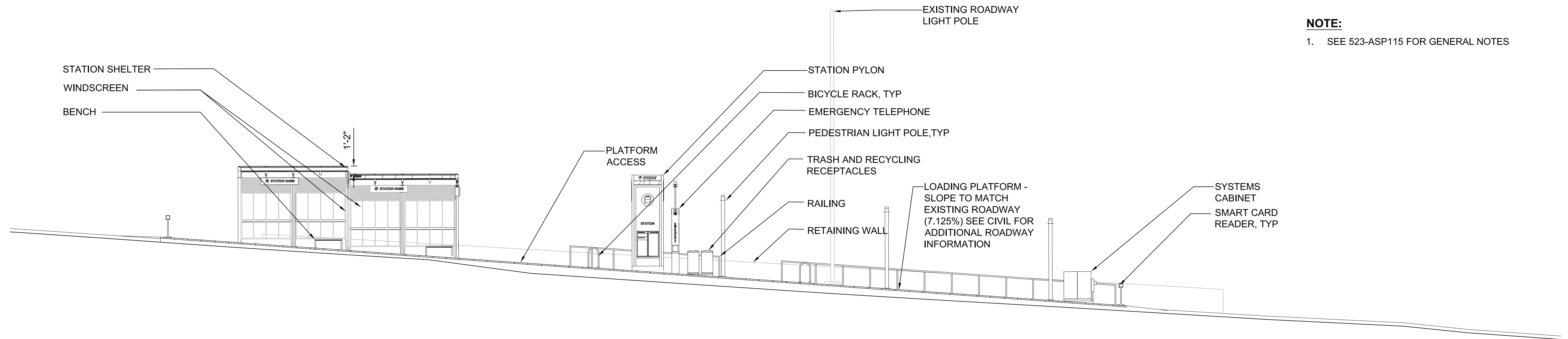


NE 145TH ST AND 30TH AVE NE STATION - SITE PLAN
SCALE: 1" = 20'

1
523-ASP115

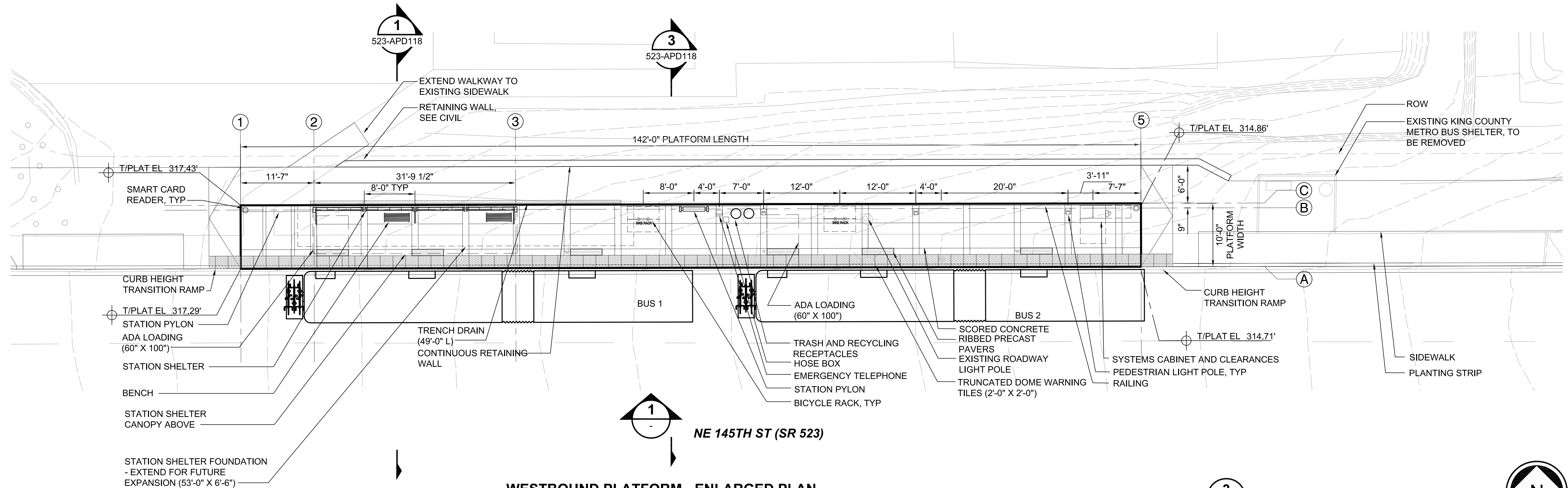
DRAFT 30% SUBMITTAL							DESIGNED BY: C. SCHARRER	<div>SCHARRERAD</div> <div>DAVID EVANS AND ASSOCIATES INC. 14432 SE Eastgate Way, Suite 400 Bellevue Washington 98007 Phone: 425.519.6500</div>	<div>LINE IS 1" AT FULL SCALE</div> <div>SOUNDTRANSIT</div>	SCALE: 1" = 20' - 0"	SR 522 / 145TH BRT SR 523 (NE 145TH STREET) ARCHITECTURAL STATION SITE PLAN NE 145TH & 30TH AVE NE	DRAWING No.: 523-ASP115
							DRAWN BY: F. BRESCIA			FILENAME: BRT-523-ASP115-119		FACILITY ID: 523
							CHECKED BY: J. HAMMERQUIST			CONTRACT No.: AE 0055-17		SHEET No.: 158
							APPROVED BY: C. SCHARRER			DATE: 10/09/20		REV:
No.	DATE	DSN	CHK	APP	REVISION		SUBMITTED BY: D. SCHOCK	DATE:	REVIEWED BY: B. KEMPER	DATE:		

10/05/20 | 1:53 PM | CHRISTINE
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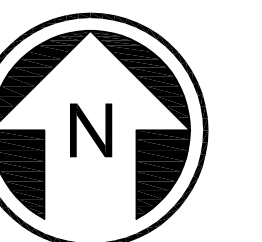
WESTBOUND PLATFORM - ELEVATION
SCALE: 1/8" = 1'-0"

1
523-APD116



WESTBOUND PLATFORM - ENLARGED PLAN
SCALE: 1/8" = 1'-0"

3
523-APD116



DRAFT 30% SUBMITTAL

DESIGNED BY:
C. SCHARRER
DRAWN BY:
F. BRESCIA
CHECKED BY:
J. HAMMERQUIST
APPROVED BY:
C. SCHARRER

SCHARRERAD



**DAVID EVANS
AND ASSOCIATES INC.**
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

LINE IS 1" AT
FULL SCALE



SCALE:
1/8" = 1'-0"
FILENAME:
BRT-523-ASP115-119
CONTRACT No.:
AE 0055-17
DATE:
10/09/20

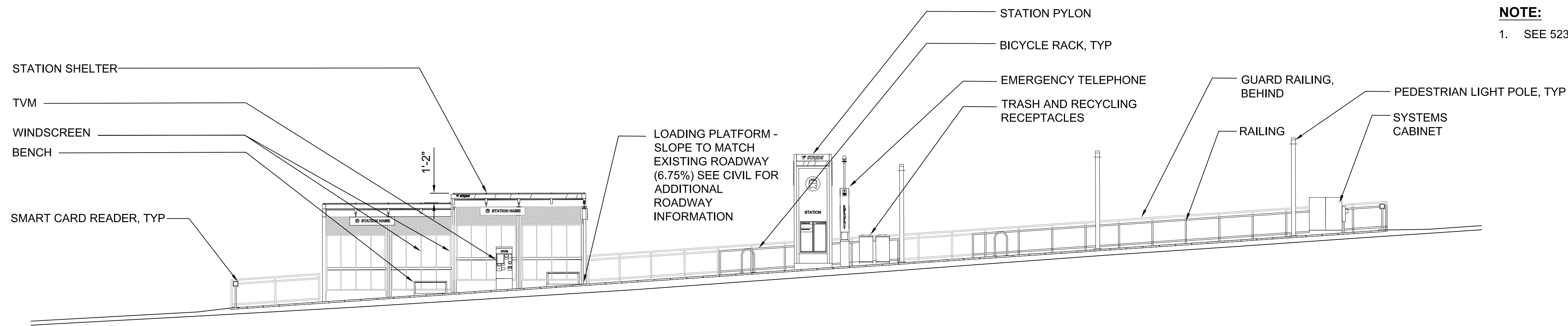
SR 522 / 145TH BRT

SR 523 (NE 145TH STREET)

ARCHITECTURAL
STATION DETAILS
NE 145TH & 30TH AVE NE

DRAWING No.:
523-APD116
FACILITY ID:
523
SHEET No.:
159
REV:

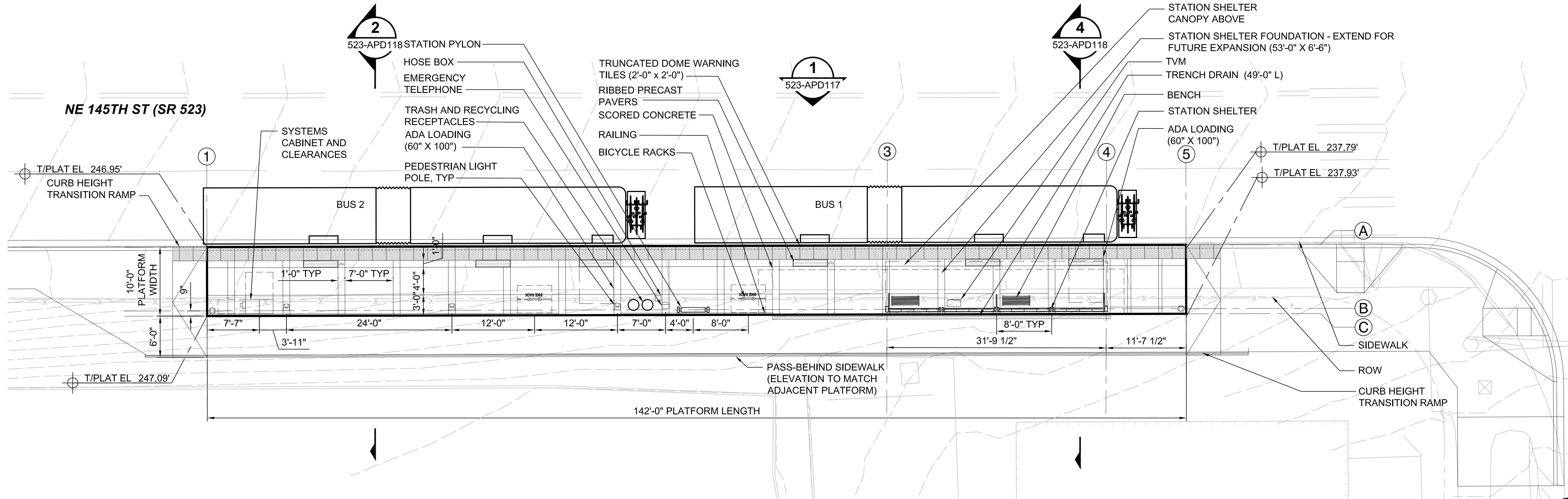
No.	DATE	DSN	CHK	APP	REVISION



NOTE:
1. SEE 523-ASP115 FOR GENERAL NOTES

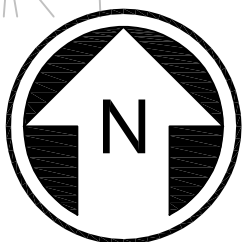
EASTBOUND PLATFORM - ELEVATION
SCALE: 1/8" = 1'-0"

1
523-APD117



EASTBOUND PLATFORM - ENLARGED PLAN
SCALE: 1/8" = 1'-0"

3
523-APD117



10/05/20 | 1:54 PM | CHRISTINE
C:\PW_WORK\DEAFRANK BRESCIA\DM506737\BRT-523-ASP115-119.DWG

DRAFT 30% SUBMITTAL

DESIGNED BY:
C. SCHARRER
DRAWN BY:
F. BRESCIA
CHECKED BY:
J. HAMMERQUIST
APPROVED BY:
C. SCHARRER

SCHARRERAD



**DAVID EVANS
AND ASSOCIATES INC.**
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

SUBMITTED BY:
D. SCHOCK

DATE:

REVIEWED BY:
B. KEMPER

LINE IS 1" AT
FULL SCALE



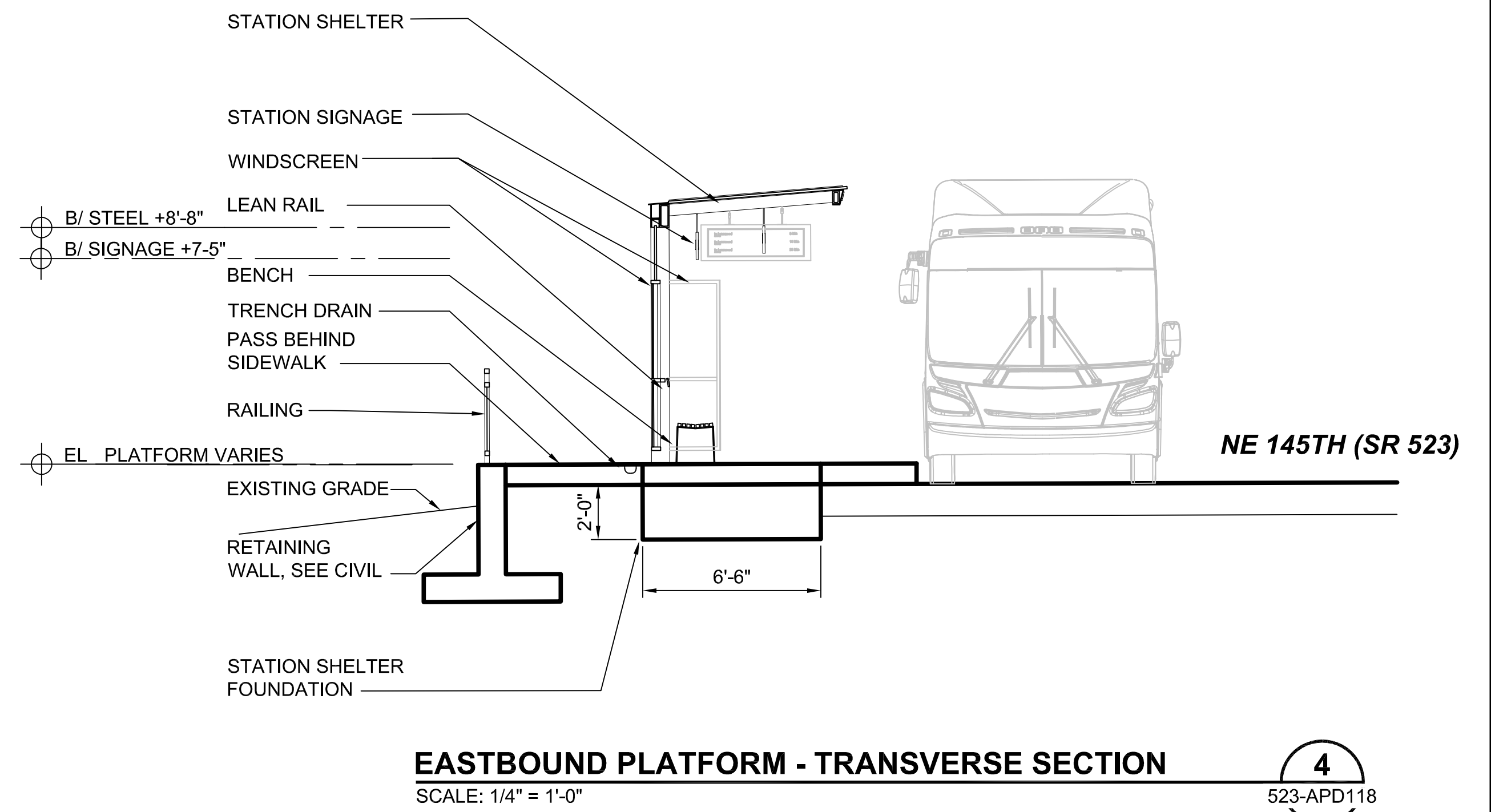
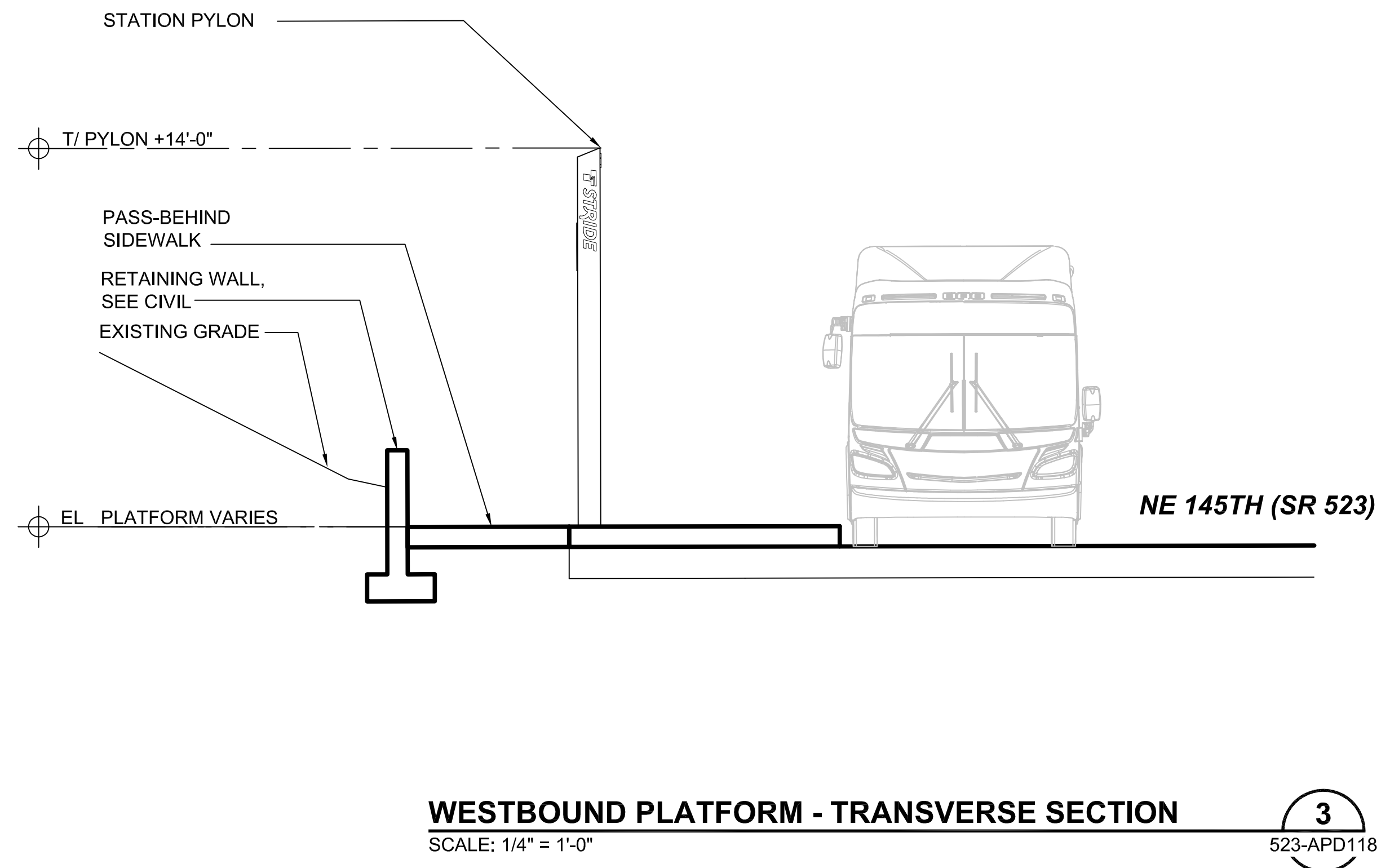
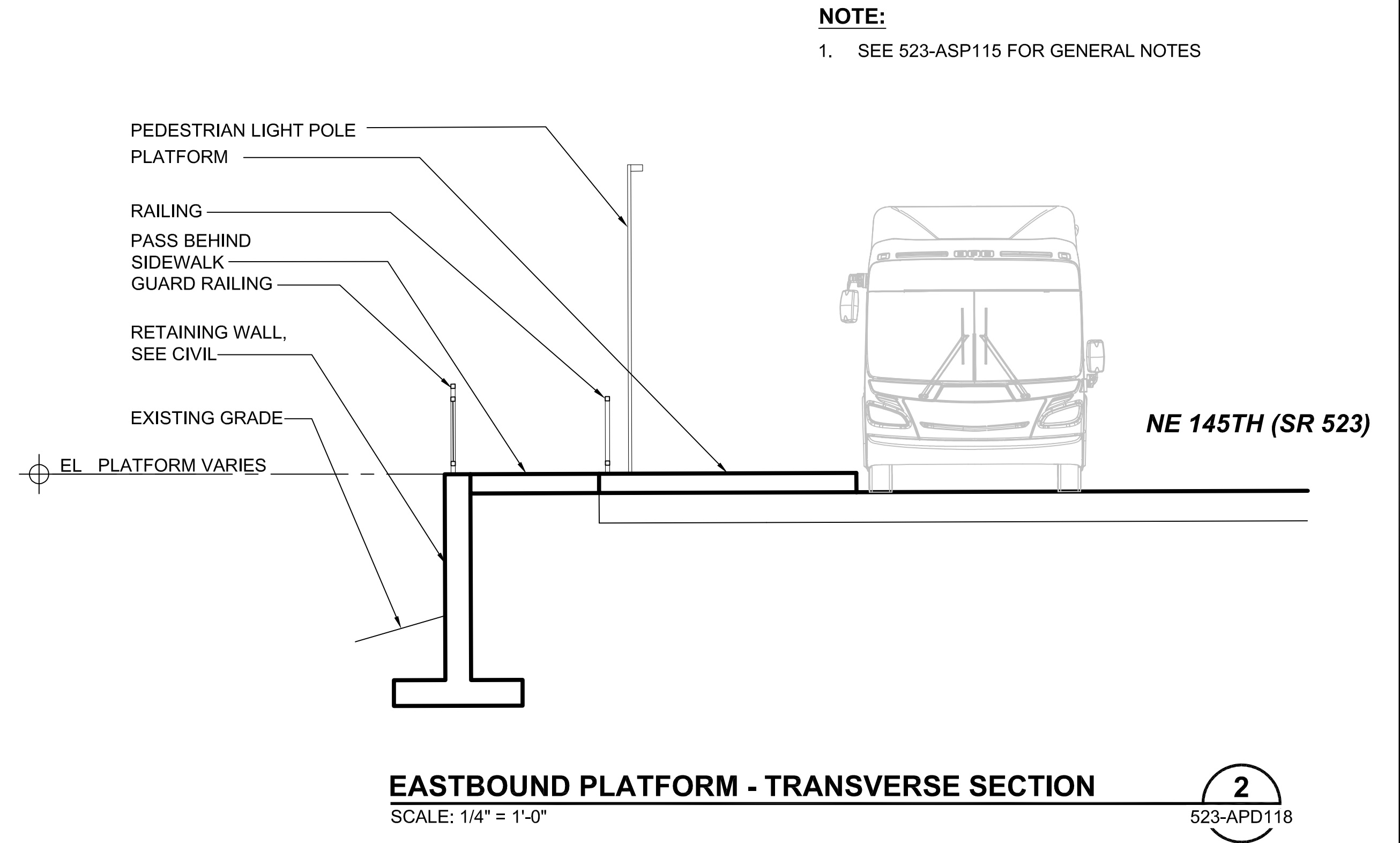
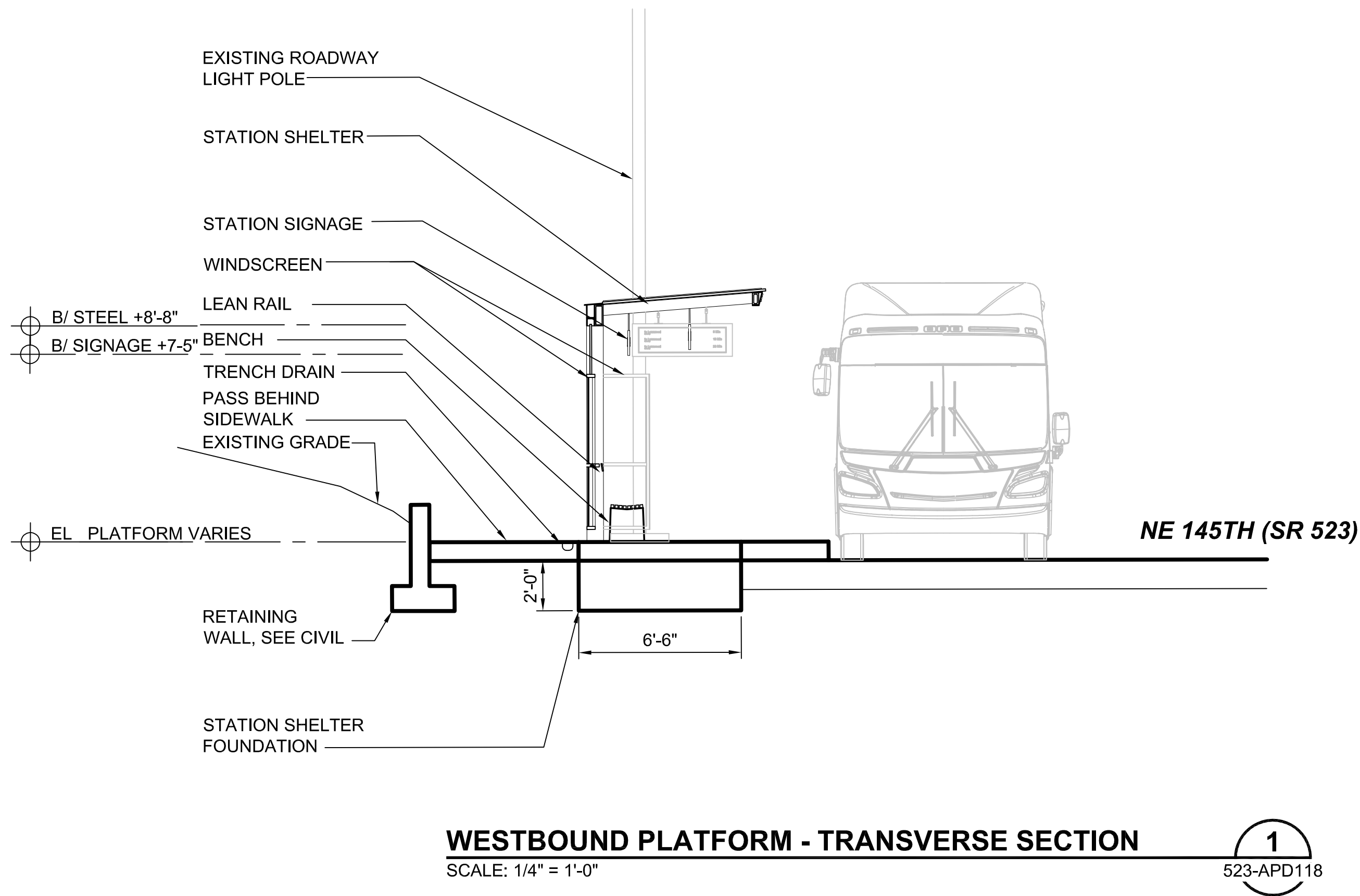
DATE:

SCALE:
1/8" = 1'-0"
FILENAME:
BRT-523-ASP115-119
CONTRACT No.:
AE 0055-17
DATE:
10/09/20

SR 522 / 145TH BRT
SR 523 (NE 145TH STREET)
ARCHITECTURAL
STATION DETAILS
NE 145TH & 30TH AVE NE

DRAWING No.:
523-APD117
FACILITY ID:
523
SHEET No.:
160
REV:

10/05/20 | 1:56 PM | CHRISTINE
C:\PW_WORK\DEAFRANK_BRESCIA\DWG\506737\BRT-523-ASP115-119.DWG



DRAFT 30% SUBMITTAL

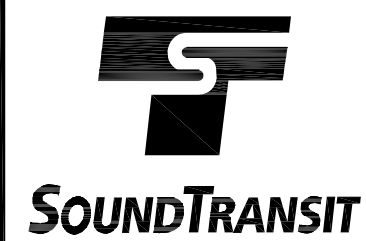
DESIGNED BY:
C. SCHARRER
DRAWN BY:
F. BRESCIA
CHECKED BY:
J. HAMMERQUIST
APPROVED BY:
C. SCHARRER

SCHARRER AD



DAVID EVANS
AND ASSOCIATES INC.
14432 SE Eastgate Way, Suite 400
Bellevue Washington 98007
Phone: 425.519.6500

LINE IS 1" AT
FULL SCALE



SCALE:
1/4" = 1'-0"
FILENAME:
BRT-523-ASP115-119
CONTRACT No.:
AE 0055-17
DATE:
10/09/20

SR 522 / 145TH BRT
SR 523 (NE 145TH STREET)
ARCHITECTURAL
SECTIONS
NE 145TH & 30TH AVE NE

DRAWING No.:
523-APD118
FACILITY ID:
523
SHEET No.:
161
REV:

No.	DATE	DSN	CHK	APP	REVISION