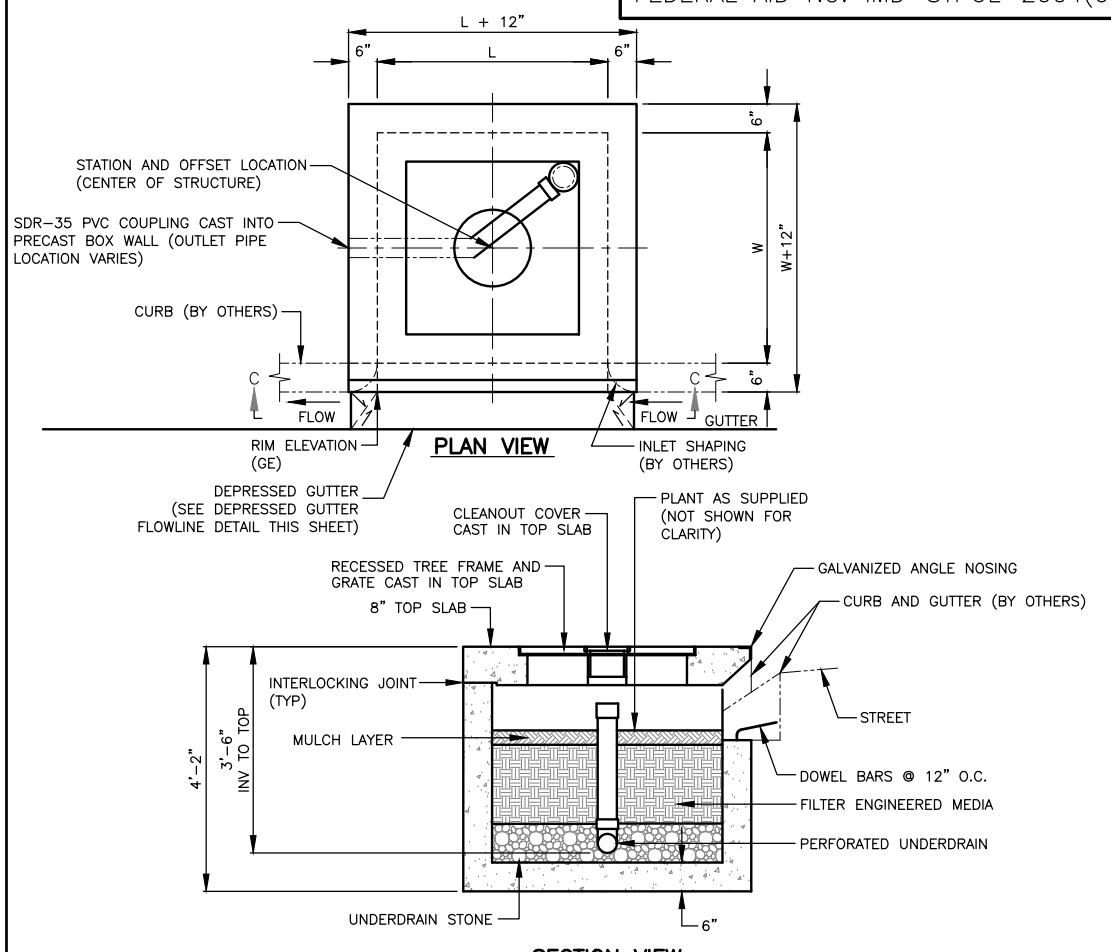


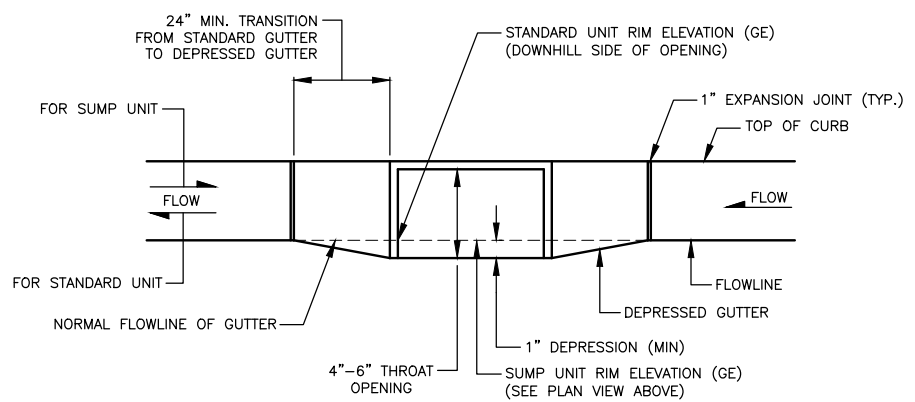
FILTERRA® SUMP UNIT
NTS



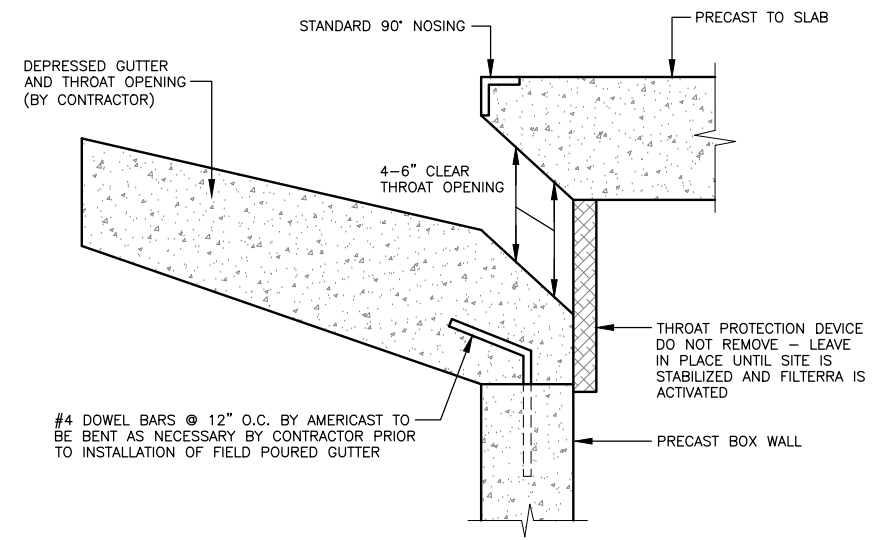
FILTERRA® STANDARD UNIT
NTS

FILTERRA ID	L	W	TYPE
DR1-8	4'	6'	STANDARD
DR2-6	10'	6'	STANDARD
DR4-2	8'	4'	STANDARD
DR4-7	4'	6'	SUMP
DR4-12	6'	4'	STANDARD
DR9-2	4'	4'	STANDARD

* SEE PLAN VIEW SHEETS DR1 THRU DR9 FOR FILTERRA UNIT ORIENTATION.
 ** SEE PROFILE SHEETS PR1 THRU PR12 FOR FILTERRA UNIT RIM AND INVERT ELEVATIONS.



**SECTION C-C
ELEVATION VIEW
DEPRESSED GUTTER FLOWLINE**
NTS



**SECTION VIEW
STANDARD FILTERRA THROAT OPENING**
NTS

- NOTES:**
- THE UNIT SHALL BE PLACED ON A COMPACTED SUB-GRADE WITH A MINIMUM 6-INCH GRAVEL BASE MATCHING THE FINAL GRADE OF THE CURB LINE IN THE AREA OF THE UNIT. THE UNIT IS TO BE PLACED SUCH THAT THE UNIT AND TOP SLAB MATCH THE GRADE OF THE CURB IN THE AREA OF THE UNIT. COMPACT UNDISTURBED SUB-GRADE MATERIALS TO 95% OF MAXIMUM DENSITY AT +1-2% OF OPTIMUM MOISTURE. UNSUITABLE MATERIAL BELOW SUB-GRADE SHALL BE REPLACED TO THE SITE ENGINEER'S APPROVAL.
 - OUTLET CONNECTIONS SHALL BE ALIGNED AND SEALED TO MEET THE APPROVED DRAWINGS WITH MODIFICATIONS NECESSARY TO MEET SITE CONDITIONS AND LOCAL REGULATIONS.
 - ONCE THE UNIT IS SET, THE INTERNAL WOODEN FORMS AND PROTECTIVE MESH COVER MUST BE LEFT INTACT. REMOVE ONLY THE TEMPORARY WOODEN SHIPPING BLOCKS BETWEEN THE BOX AND TOP SLAB. THE TOP LID SHOULD BE SEALED ONTO THE BOX SECTION BEFORE BACKFILLING, USING A NON-SHRINK GROUT, BUTYL RUBBER OR SIMILAR WATERPROOF SEAL. THE BOARDS ON TOP OF THE LID AND BOARDS SEALED IN THE UNIT'S THROAT MUST NOT BE REMOVED. THE SUPPLIER (AMERICAST OR ITS AUTHORIZED DEALER) WILL REMOVE THESE SECTIONS AT THE TIME OF ACTIVATION. BACKFILLING SHOULD BE PERFORMED IN A CAREFUL MANNER, BRINGING THE APPROPRIATE FILL MATERIAL UP IN 6" LIFTS ON ALL SIDES. PRECAST SECTIONS SHALL BE SET IN A MANNER THAT WILL RESULT IN A WATERTIGHT JOINT. IN ALL INSTANCES, INSTALLATION OF FILTERRA® UNIT SHALL CONFORM TO ASTM SPECIFICATION C891 "STANDARD PRACTICE FOR INSTALLATION OF UNDERGROUND PRECAST UTILITY STRUCTURES", UNLESS DIRECTED OTHERWISE IN CONTRACT DOCUMENTS.
 - THE CONTRACTOR IS RESPONSIBLE FOR INLET PROTECTION/SEDIMENT CONTROL AND CLEANING AROUND EACH FILTERRA UNIT.

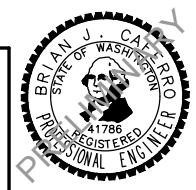
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May 09, 2023 1:39pm secn.delavarpour X:\Lynnwood_City_of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156_DD.dwg Layout Name: DD1

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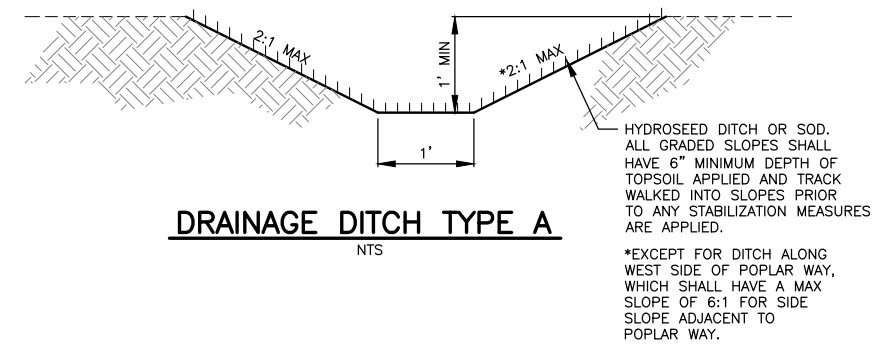
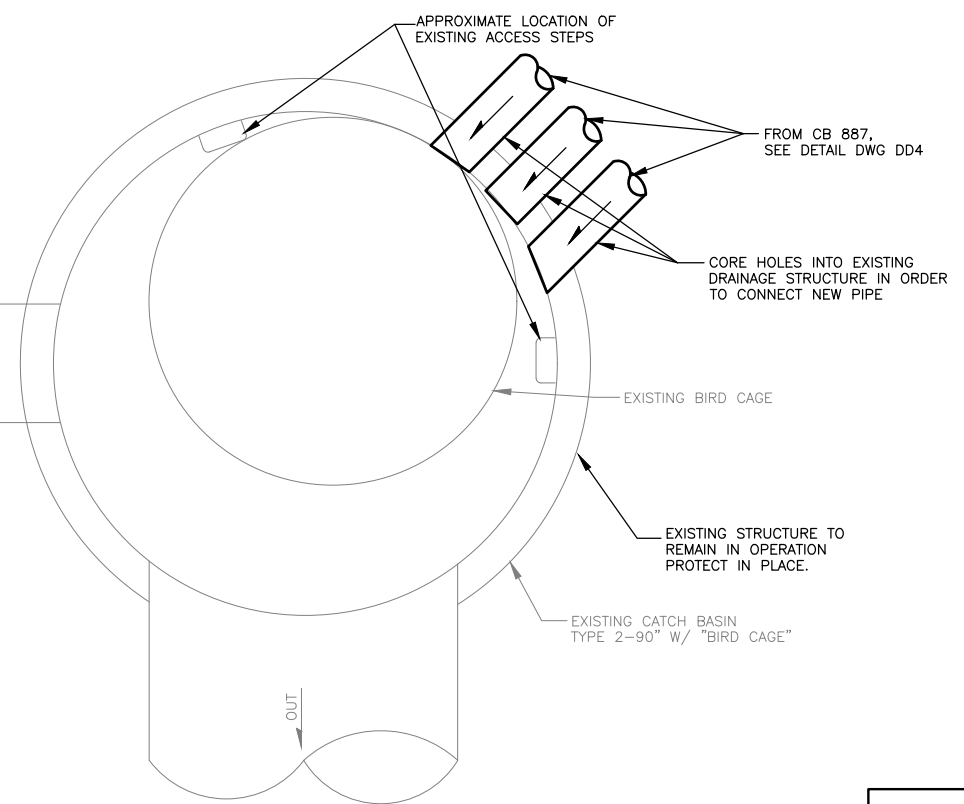
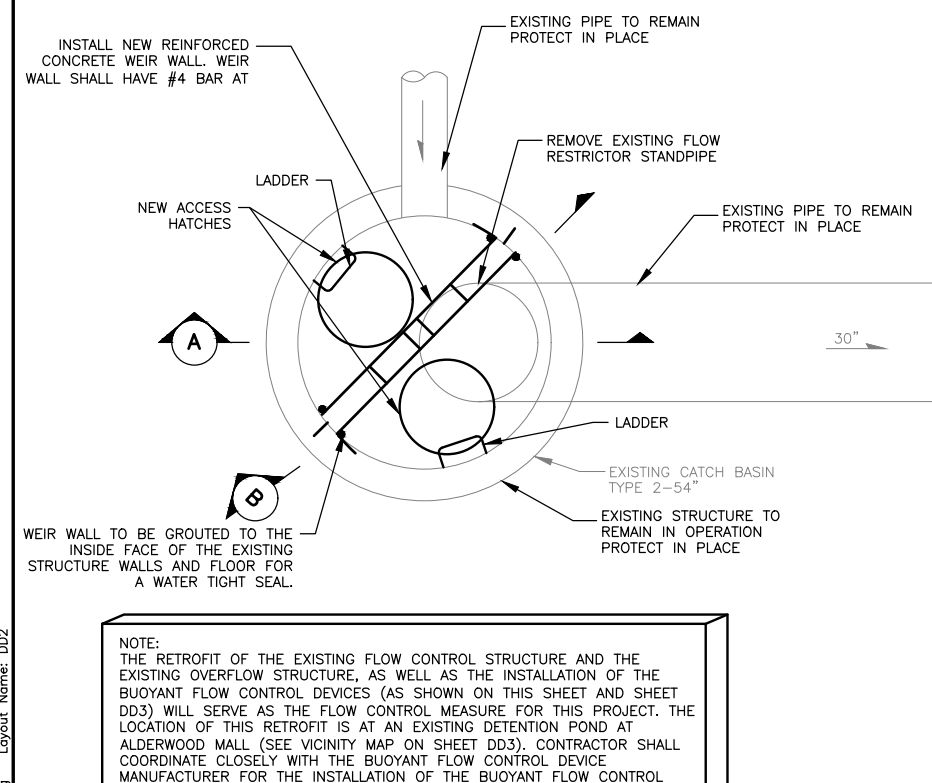
Drawn By: S. DELAVARPOUR Date: 5/2023
 Designed By: B. CAFERRO Date: 5/2023
 Checked By: V. WEN Date: 5/2023
 Approved By: V. WEN Date: 5/2023

SCALE
 Horiz: 1"=20'
 Vert: NONE
 Project Number: 20100156

CITY OF LYNNWOOD
 POPLAR WAY EXTENSION BRIDGE
DRAINAGE DETAILS

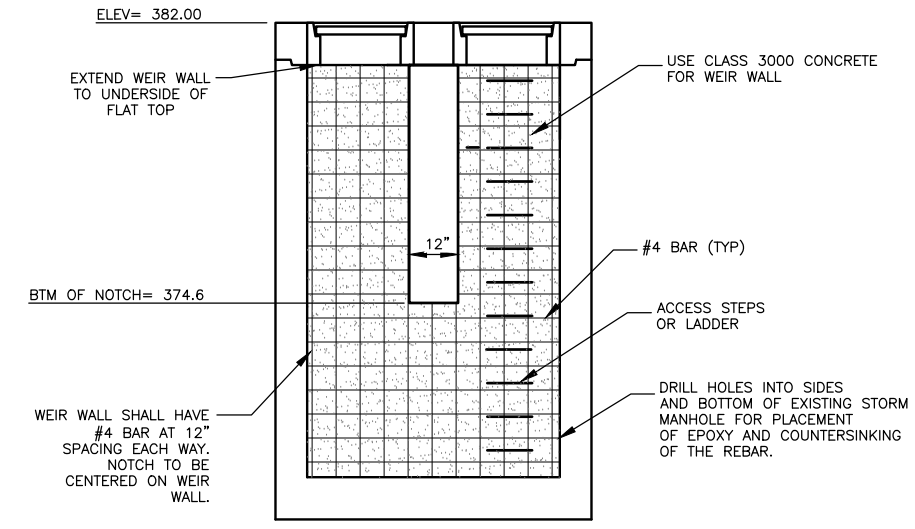
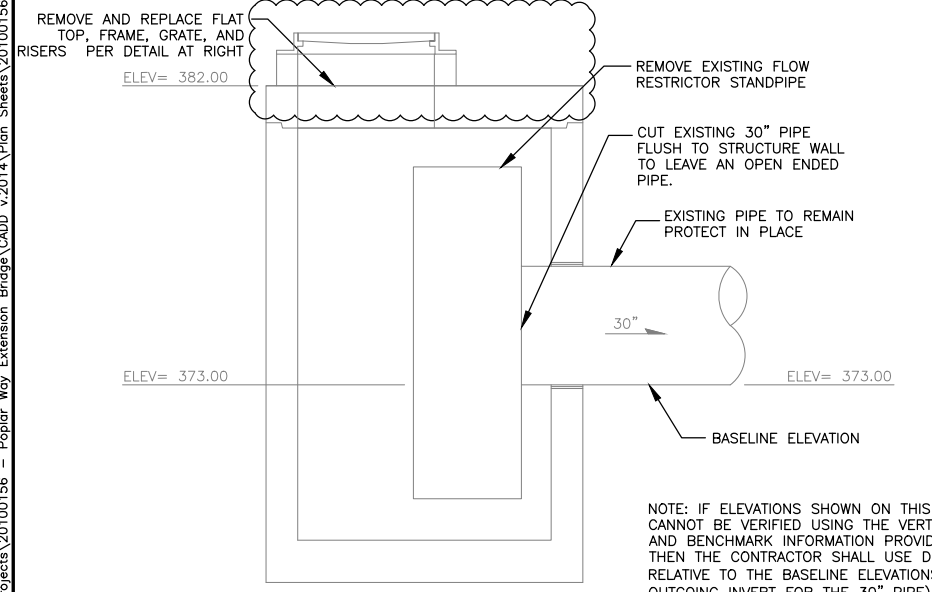
Drawing No. **DD1**
 Sheet No. X
 of Total X

May 09, 2023 - 1:39pm seon.delavarpour X:\Lynnwood_City of Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156_DD.dwg Layout Name: DD2



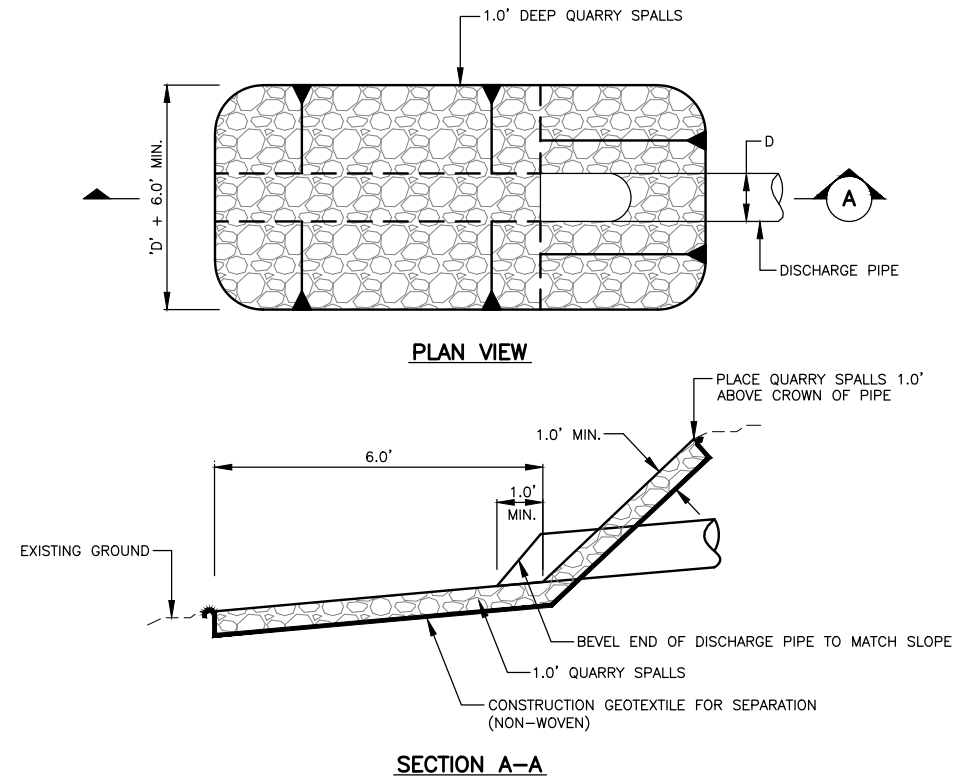
NOTE:
THE RETROFIT OF THE EXISTING FLOW CONTROL STRUCTURE AND THE EXISTING OVERFLOW STRUCTURE, AS WELL AS THE INSTALLATION OF THE BUOYANT FLOW CONTROL DEVICES (AS SHOWN ON THIS SHEET AND SHEET DD3) WILL SERVE AS THE FLOW CONTROL MEASURE FOR THIS PROJECT. THE LOCATION OF THIS RETROFIT IS AT AN EXISTING DETENTION POND AT ALDERWOOD MALL (SEE VICINITY MAP ON SHEET DD3). CONTRACTOR SHALL COORDINATE CLOSELY WITH THE BUOYANT FLOW CONTROL DEVICE MANUFACTURER FOR THE INSTALLATION OF THE BUOYANT FLOW CONTROL DEVICES. BUOYANT FLOW CONTROL DEVICES ARE REQUIRED TO BE INSTALLED BEFORE ANY OTHER WORK ON THE PROJECT BEGINS.

PLAN VIEW OF PROPOSED CONDITIONS OF EXISTING STRUCTURES
NTS



PROPOSED CONDITION OF FLOW CONTROL STRUCTURE
NTS

*NAGVD 29 WAS THE VERTICAL DATUM USED DURING THE INSTALLATION OF THE EXISTING FLOW CONTROL STRUCTURE AND EXISTING EMERGENCY OVERFLOW STRUCTURE SHOWN ON THIS SHEET. THE BENCHMARK USED WAS THE CITY OF LYNNWOOD BM47, WESTERLY OF THE TWO CASED MONUMENTS 3 FEET APART AT THE INTERSECTION OF 33RD AVE W AND 184TH STREET SW, TOP OF 1" BRASS DISC, NGVD 29 ELEVATION 419.23. THE SOURCE OF THIS VALVE IS THE CITY OF LYNNWOOD BENCHMARK LIST, DATED JULY 1990, WITH ADDITIONAL EXPLANATORY LETTER DATED SEPTEMBER 3, 1998.



NOTE:
CULVERT ENDS SHALL BE BEVELED TO MATCH THE EMBANKMENT OR DITCH SLOPE AND SHALL NOT BE BEVELED FLATTER THAN 4H:1V

OUTLET PROTECTION
NTS

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ALDERWOOD MALL POND OUTFALL MODIFICATION DETAILS
NTS



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LYNNWOOD WASHINGTON

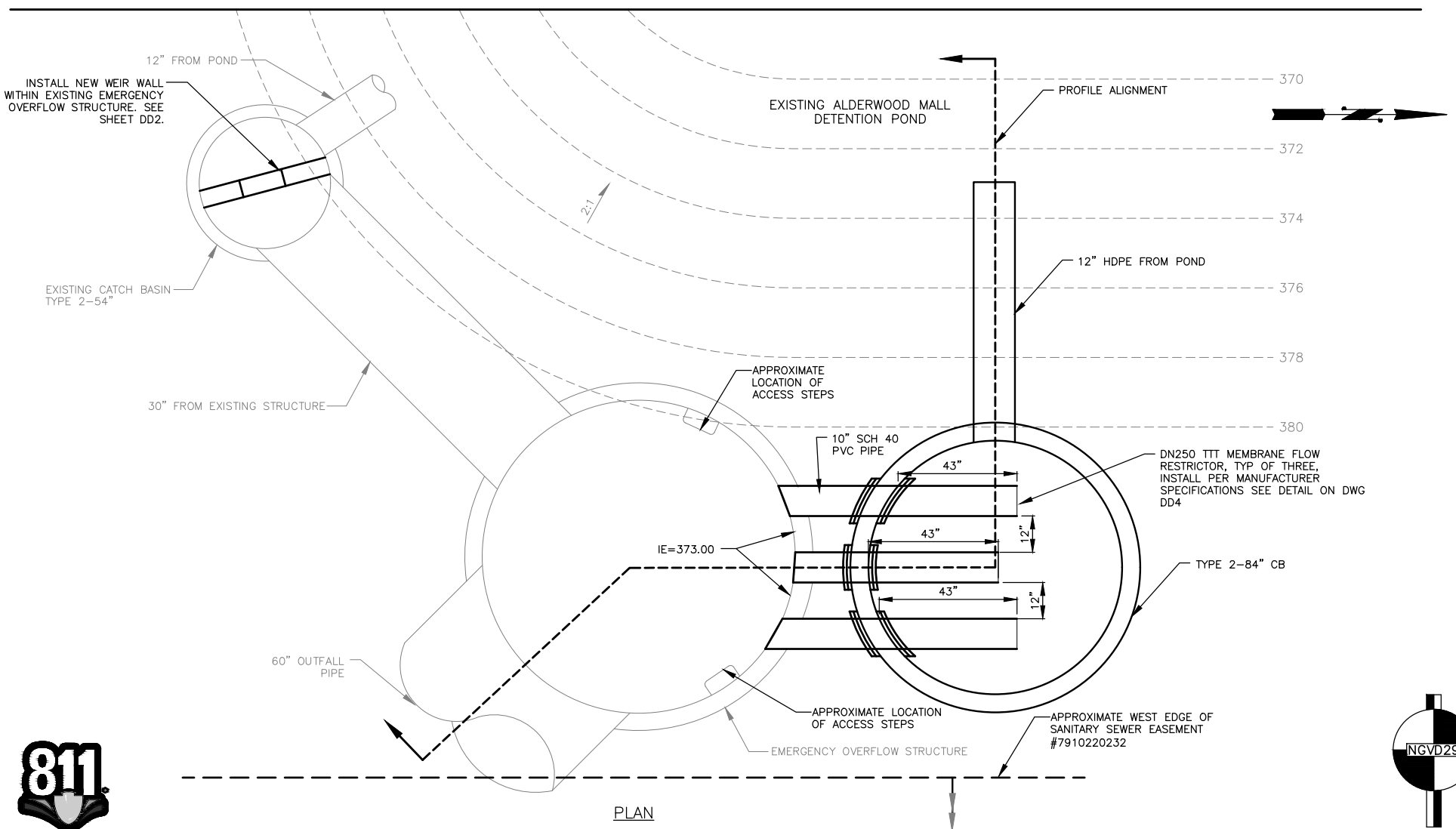
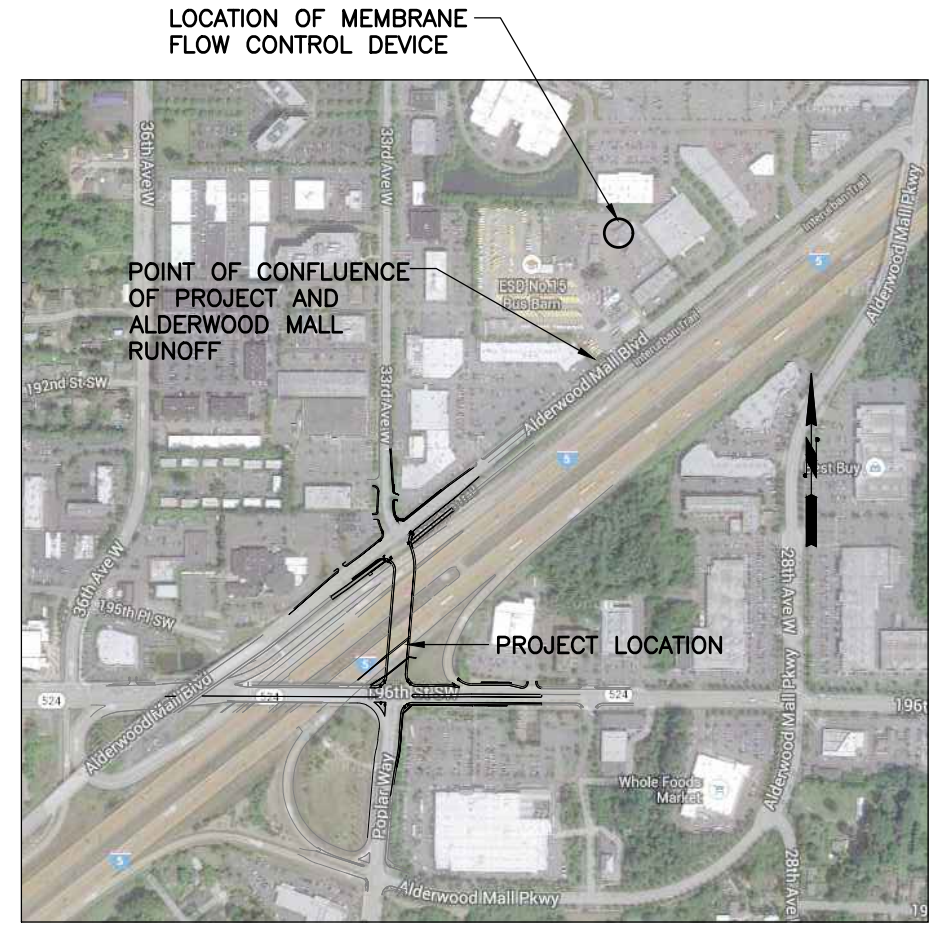
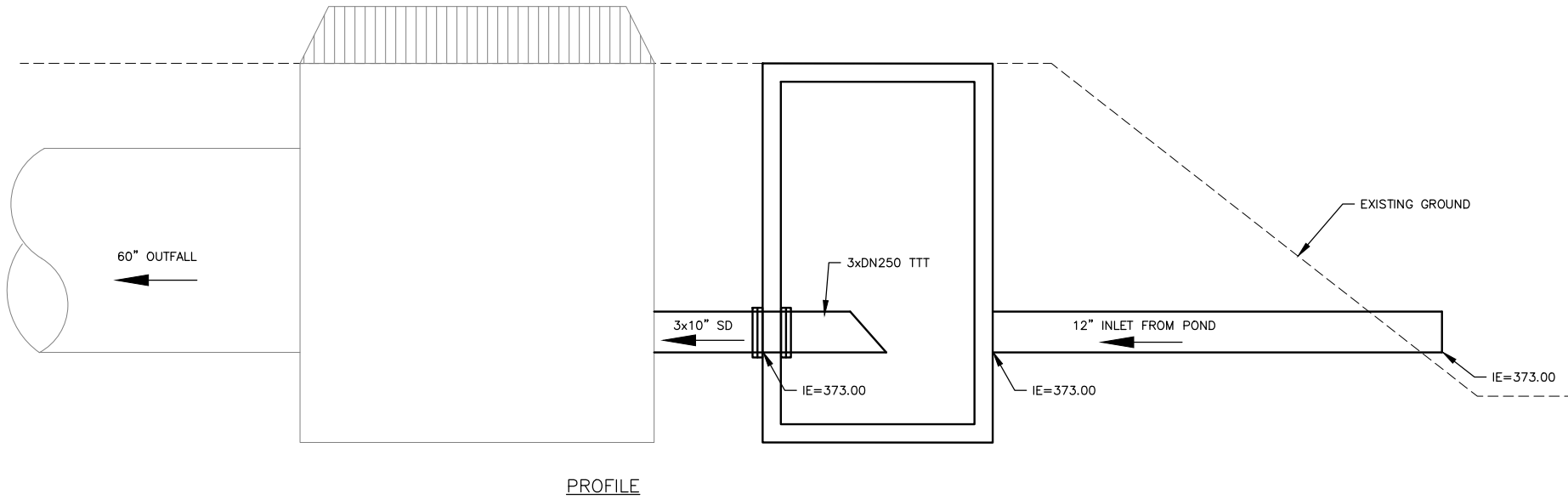


Drawn By	S. DELAVARPOUR	Date	5/2023
Designed By	B. CAFARRO	Checked By	V. WEN
Checked By	V. WEN	Approved By	V. WEN
Project Number	20100156		

SCALE	1"=20'
Horiz	1"=20'
Vert	NONE
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
DRAINAGE DETAILS

Drawing No.	DD2
Sheet No.	X
of Total	X



MEMBRANE FLOW CONTROL DEVICE AND WEIR WALL SCHEMATIC
NTS

*NAGVD 29 WAS THE VERTICAL DATUM USED DURING THE INSTALLATION OF THE EXISTING FLOW CONTROL STRUCTURE AND EXISTING EMERGENCY OVERFLOW STRUCTURE SHOWN ON THIS SHEET. THE BENCHMARK USED WAS THE CITY OF LYNNWOOD BM47, WESTERLY OF THE TWO CASED MONUMENTS 3 FEET APART AT THE INTERSECTION OF 33RD AVE W AND 184TH STREET SW, TOP OF 1" BRASS DISC. NGVD 29 ELEVATION 419.23. THE SOURCE OF THIS VALVE IS THE CITY OF LYNNWOOD BENCHMARK LIST, DATED JULY 1990, WITH ADDITIONAL EXPLANATORY LETTER DATED SEPTEMBER 3, 1998.

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No.	Date	Revision	By	Appr.

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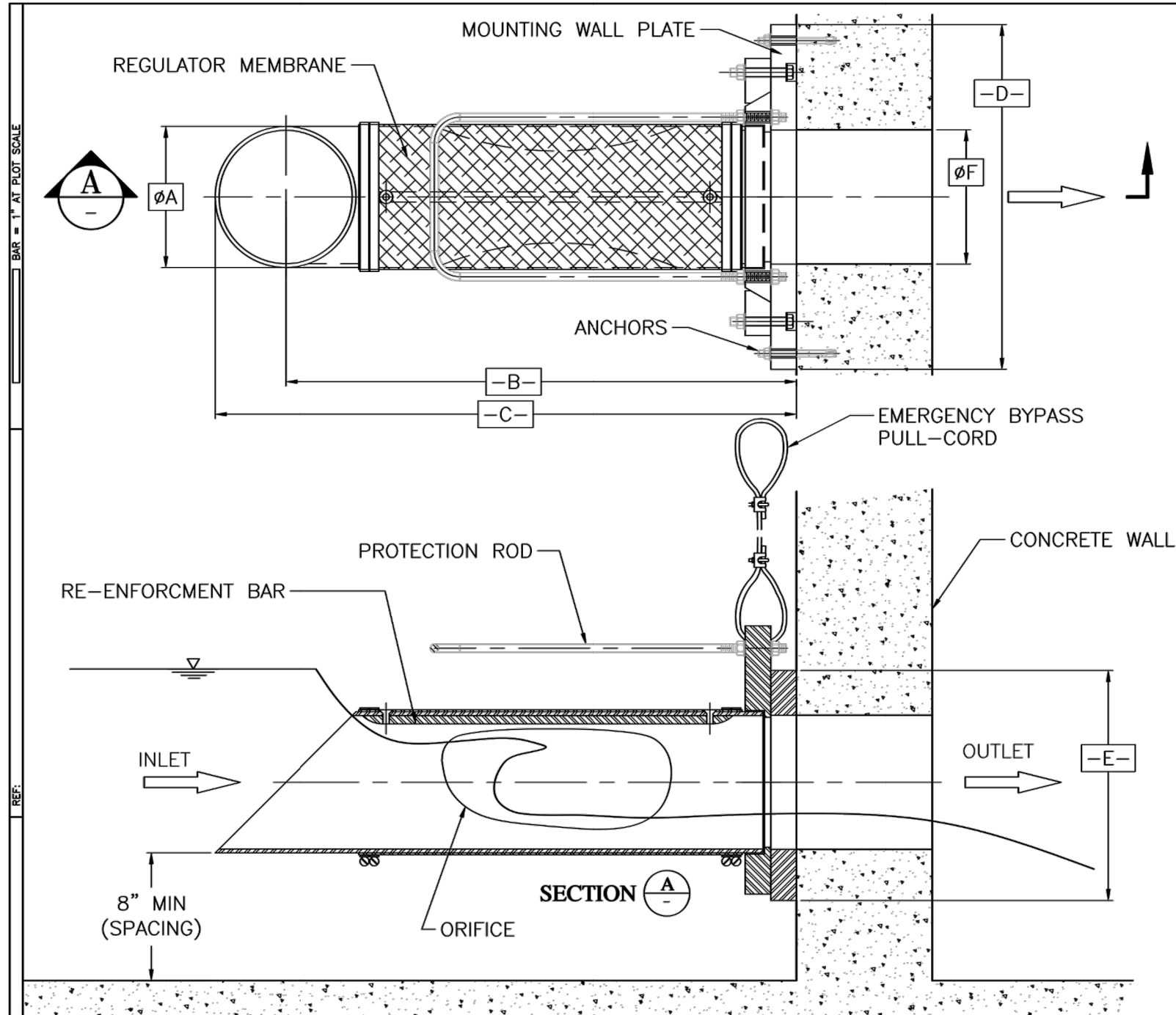


Drawn By	Date
S. DELAVARPOUR	5/2023
Designed By	
B. CAFERRO	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

SCALE
Horiz NONE
Vert NONE
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
DRAINAGE DETAILS

Drawing No.	DD3
Sheet No.	X
of Total	X



DN	-A-	-B-	-C-	-D-	-E-	-F-
250	10.75"	38"	43"	23"	17"	10"

Jan 20, 2016 9:16:51 - X:\Products\HYDROVEX\TT (FluidHose)\DESS\PRESENTA\ Dessin Presentation TTT-1.dwg - LauzonM

<p>0 ISSUED FOR SUBMITTAL</p>		2008-12-10	ML	ML	ML															
REV	DESCRIPTION	DATE	DWN	CHKD	APVD	ECN	<p>CONFIDENTIALITY AND INTELLECTUAL PROPERTY NOTICE ALL INFORMATION CONTAINED IN THIS DOCUMENT IS THE SOLE PROPERTY OF JOHN MEINER INC. AND IS PROTECTED BY ALL APPLICABLE LAWS, INCLUDING BUT NOT LIMITED TO COPYRIGHT AND OTHER INTELLECTUAL PROPERTY LAWS. THE DESIGN CONCEPTS AND INFORMATION CONTAINED HEREIN ARE PROPRIETARY TO JMI AND ARE SUBMITTED IN CONFIDENCE. THEY ARE NOT TO BE REPRODUCED, COPIED, DISSEMINATED, OR USED IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF JMI. JMI ASSUMES NO RESPONSIBILITY OR LIABILITY FOR THE USE OF THIS DOCUMENT OR THE DESIGN CONCEPTS AND INFORMATION CONTAINED HEREIN FOR ANY OTHER PROJECT, OR IN A MANNER THAT DOES NOT RELATE TO THE FITNESS OR PURPOSE OF THIS DOCUMENT. IN NO EVENT SHALL THIS DOCUMENT OR THE DESIGN CONCEPTS AND INFORMATION CONTAINED HEREIN BE USED IN A MANNER DENIGRATING TO THE REPUTATION OF JMI. ALL COPYRIGHT, PATENT AND OTHER INTELLECTUAL PROPERTY RIGHTS ARE RESERVED. ACCEPTANCE OF THE DELIVERY OF THIS DOCUMENT CONSTITUTES AGREEMENT TO THESE TERMS AND CONDITIONS.</p>													
							DESIGNER	DATE	<p>MEMBRANE FLOW REGULATOR TTT-I GENERAL VIEW</p>											
							M.LOUZON	2008-12-10	<p>CLIENT</p>											
							CHECKER	DATE	<p>VEOLIA</p>											
							M.LOUZON		<p>VEOLIA WATER TECHNOLOGIES CANADA INC. 4105 Sables, Saint-Laurent, Qc, Canada Tel: (514) 334-7230</p>											
							ENGINEER	DATE	<p>PROJECT DRAWING INTERNAL SHEET 1 OF 1 REV 0</p>											
							MANAGER	DATE	<p>SCALE: NTS</p>											



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May 09, 2023 1:39pm seen.delavarpour X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156_DD.dwg Layout Name: DD4



Know what's below.
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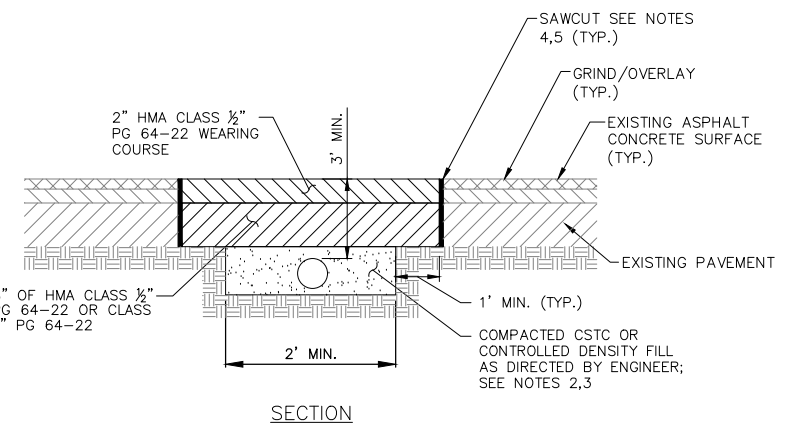
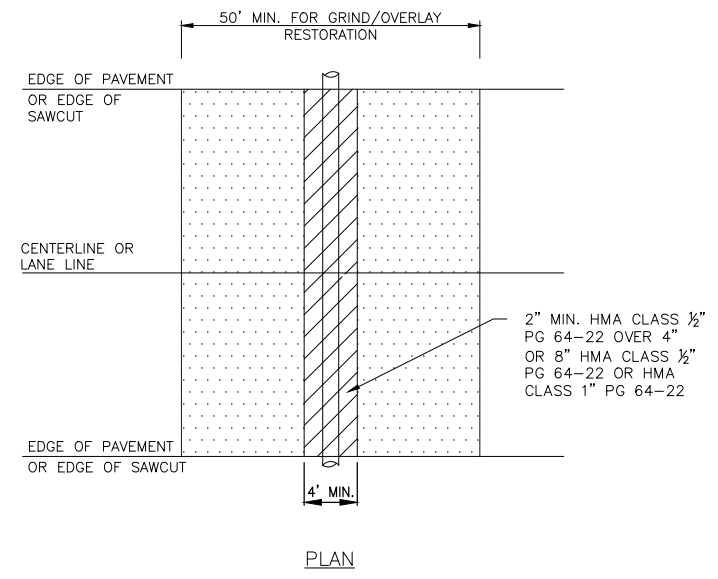


Drawn By	Date
S. DELAVARPOUR	5/2023
Designed By	
B. CAFERRO	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

SCALE	
Horiz	NONE
Vert	NONE
Project Number	20100156

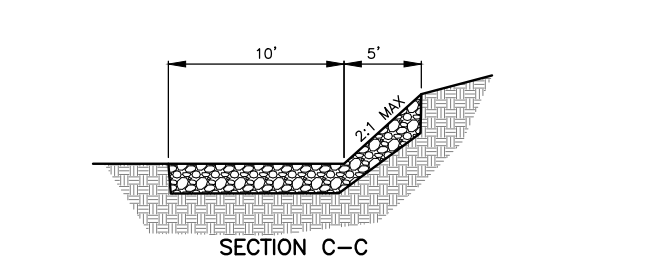
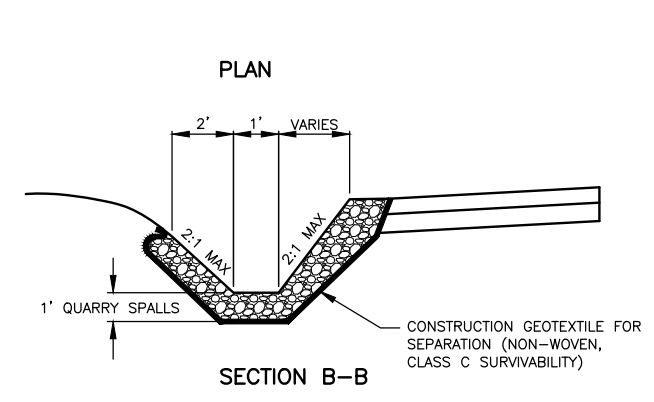
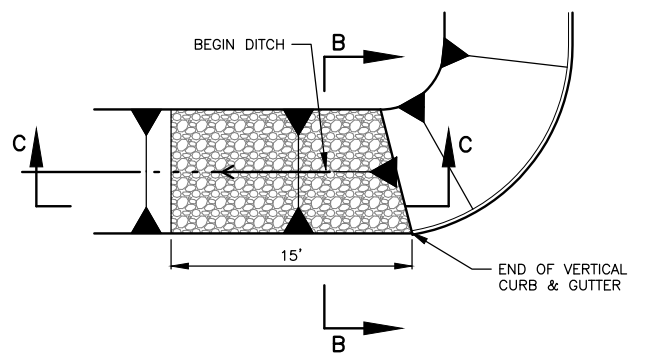
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
DRAINAGE DETAILS

Drawing No.	DD4
Sheet No.	X
of Total	X

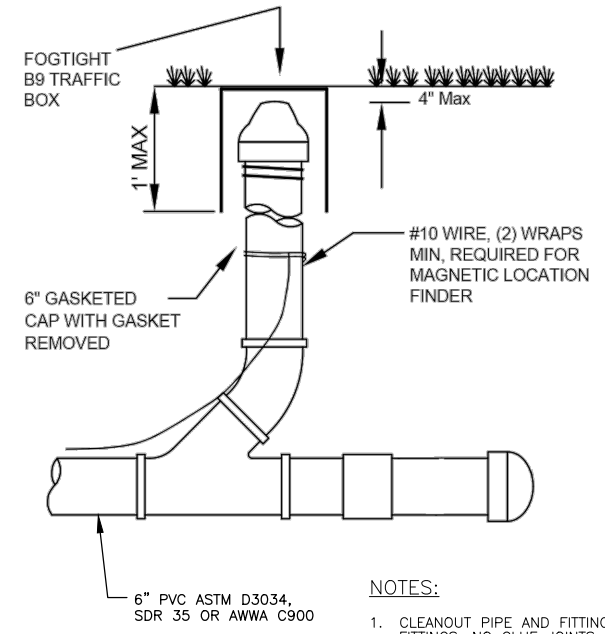


- NOTES:**
- ASPHALT CONCRETE MIX SHALL BE HMA CLASS 1/2" OR CLASS 1" PG 64-22.
 - ALL TRENCH BACKFILL SHALL BE CSTC OR CONTROLLED DENSITY FILL.
 - CONTROLLED DENSITY FILL SHALL MEET WSDOT STANDARDS AS STATED IN 2-09.3(1)E OF THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION MANUAL M41-10, CURRENT EDITION.
 - ALL SAW CUTS SHALL BE VERTICAL AND IN STRAIGHT LINES UNLESS OTHERWISE DIRECTED BY ENGINEER.
 - TACK ASPHALT FACES OF SAW CUTS AND SEAL SAW CUTS WITH PG 64-22 OIL.
 - HOT MIX ASPHALT SHALL BE A MINIMUM OF 6 INCHES THICK ON LOCAL STREETS AND A MINIMUM OF 10 INCHES THICK ON ARTERIALS.
 - PAVING FABRIC (IF FOUND) WILL NOT REQUIRE REPLACEMENT.

TRENCH RESTORATION DETAIL
NTS

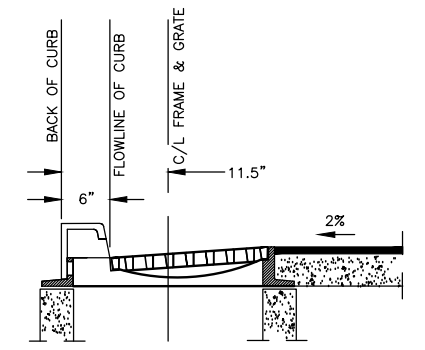
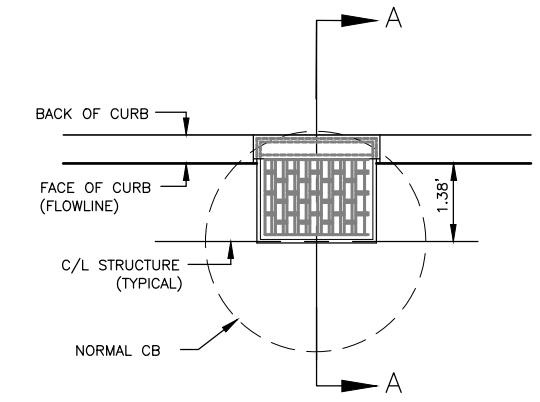


QUARRY SPALL DISSIPATION PAD
NTS



- NOTES:**
- CLEANOUT PIPE AND FITTINGS SHALL BE PVC WITH GASKET FITTINGS. NO GLUE JOINTS ALLOWED.
 - A TEE OR SWEEP MAY BE INSTALLED IN LIEU OF WYE AS SHOWN. STRAIGHT TEES ARE NOT ACCEPTABLE.

STORM DRAIN CLEANOUT DETAIL
NTS

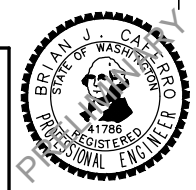


CB TYPE 2-48" OR MANHOLE TYPE 3-48" W/COMBINATION INLET*
N.T.S.

*APPLIES TO STRUCTURES LOCATED WITHIN BOTH WSDOT AND CITY OF LYNNWOOD JURISDICTION

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Drawn By	S. DELAVARPOUR	Date	5/2023
Designed By	B. CAFARRO	Date	5/2023
Checked By	V. WEN	Date	5/2023
Approved By	V. WEN	Date	5/2023

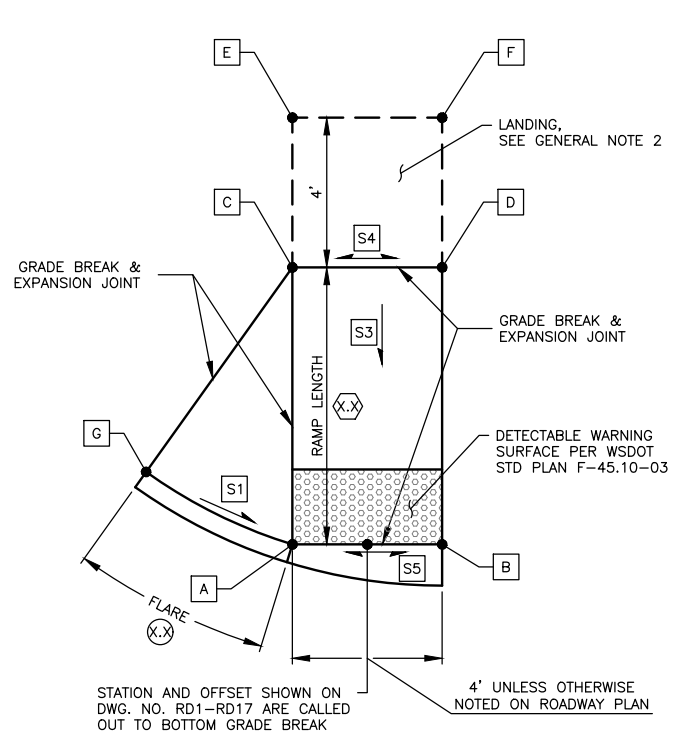
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Horiz	NONE
Vert	NONE
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
DRAINAGE DETAILS

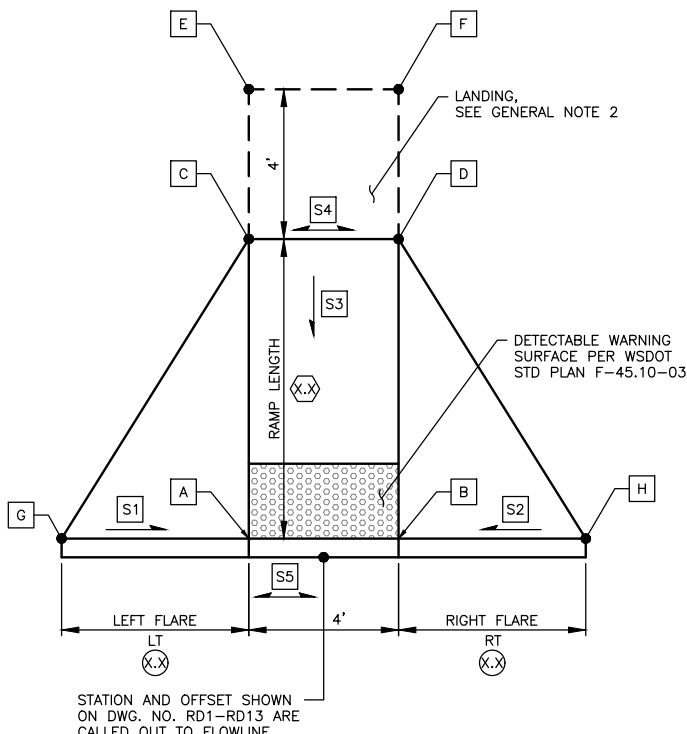
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of Total	X

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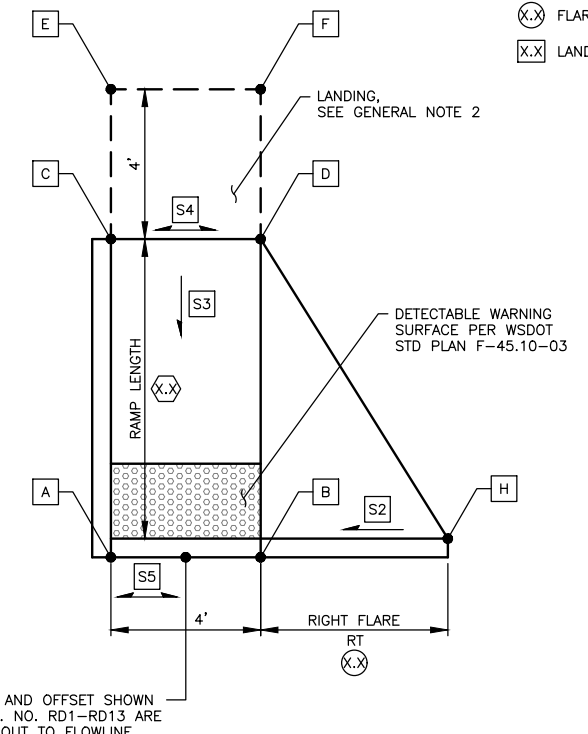
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- (X.X) FLARE/RAMP LENGTH (FEET)
- (X.X) LANDING LENGTH (FEET)



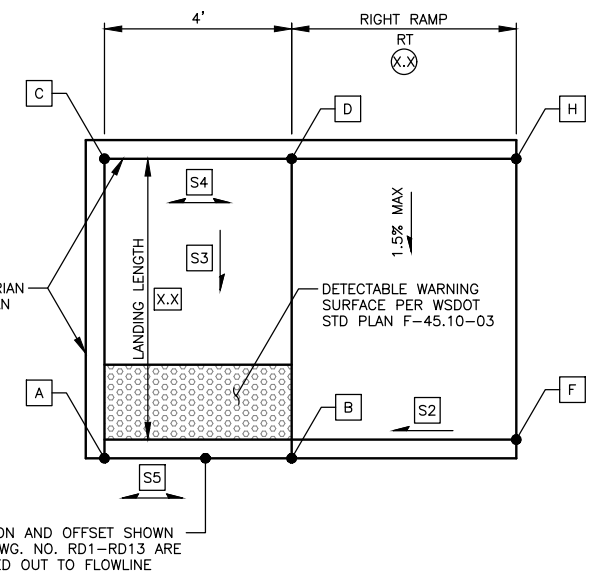
HALF PERPENDICULAR A CURB RAMP



PERPENDICULAR A CURB RAMP



HALF PERPENDICULAR B CURB RAMP



PARALLEL A CURB RAMP

CURB RAMP ELEVATIONS											CURB RAMP SLOPES				
STATION	OFFSET	SHEET NO.	A	B	C	D	E	F	G	H	S1	S2	S3	S4	S5
110+63.12	38.55' LT	RD2	423.95	424.01	424.41	424.47	424.47	424.53	424.55	424.24	8.4%	3.1%	7.5%	1.5%	1.5%
110+62.16	41.22' RT	RD2	421.63	421.51	421.84	421.72	421.82	-	421.52	-	8.8%	-	1.5%	1.5%	1.1%
210+59.81	44.59' LT	RD2	421.41	421.29	421.62	421.50	-	421.89	-	421.09	-	6.8%	1.5%	1.5%	1.1%
210+56.78	40.60' RT	RD2	419.40	419.54	419.86	419.92	419.92	419.98	419.83	419.82	8.3%	5.9%	7.5%	1.5%	1.5%
309+42.41	27.50' LT	RD4	424.05	423.99	424.51	424.45	424.57	424.51	424.69	424.46	9.0%	9.1%	7.5%	1.5%	1.5%
117+10.50	33.66' LT	RD4	424.07	423.01	423.53	424.47	423.59	423.53	423.92	423.35	9.3%	6.6%	7.5%	1.5%	1.5%
117+29.13	42.22' RT	RD4	421.05	421.11	421.51	421.57	421.57	421.63	422.37	421.70	6.1%	9.7%	7.5%	1.5%	1.5%
310+67.84	31.88' LT	RD4	421.36	421.34	421.82	421.80	421.88	421.86	422.12	421.65	9.3%	6.0%	7.5%	1.5%	0.5%
310+62.53	27.59' RT	RD4	423.32	423.41	423.50	423.62	423.67	424.31	423.85	423.53	6.0%	7.1%	1.5%	1.5%	0.9%
116+18.62	32.01' RT	RD4	424.48	424.61	424.75	424.87	424.43	-	424.68	-	1.2%	-	1.5%	1.5%	1.0%
115+79.11	61.58' LT	RD4	429.12	429.06	429.58	429.52	429.64	429.58	430.13	429.32	9.1%	5.0%	7.5%	1.5%	1.5%
309+09.73	41.47' RT	RD4	428.29	428.23	428.75	428.69	428.81	428.75	429.27	428.39	9.7%	3.0%	7.5%	1.5%	1.5%
601+91.89*	1.00' LT	RD6	405.34	405.40	405.46	405.52	-	406.01	-	406.11	-	7.2%	1.5%	1.5%	1.5%
601+89.31	24.00' RT	RD6	404.11	404.04	404.22	404.16	-	404.43	-	404.54	-	7.6%	1.5%	1.7%	1.6%
215+43.48	36.61' LT	RD6	383.35	383.16	383.73	383.61	383.73	-	383.61	383.38	-	5.3%	6.8%	3.0%	4.9%
215+94.37	36.61' LT	RD6	379.86	379.69	379.93	379.87	-	379.89	-	379.99	-	2.0%	1.5%	1.5%	3.0%
312+72.55	81.30' LT	RD17	413.03	412.98	413.57	413.57	413.65	413.65	413.49	413.25	6.5%	6.8%	9.8%	0.0%	1.4%
102+86.47	47.82' LT	RD1	402.63	402.60	403.43	403.40	403.49	403.46	403.15	403.03	8.5%	8.3%	7.5%	0.7%	0.7%
102+04.87	47.79' RT	RD1	402.87	402.89	403.33	403.35	403.39	403.41	403.39	403.37	8.5%	9.3%	7.5%	0.5%	0.5%
101+94.95	32.82' RT	RD1	402.94	403.00	403.40	403.46	403.46	403.52	403.41	403.52	9.2%	8.5%	7.5%	1.5%	1.5%
102+07.82	38.48' LT	RD1	403.76	403.82	404.30	404.36	404.36	404.42	404.22	404.36	8.9%	8.8%	7.5%	1.5%	1.5%
118+30.34	43.5' RT	RD15	418.73	418.78	419.30	419.35	419.38	419.42	419.38	-	8.5%	-	7.5%	1.2%	1.2%
118+62.71**	43.5' RT	RD15	419.04	418.96	419.92	419.90	419.98	419.98	419.73	-	8.7%	-	7.5%	0.5%	1.8%
			BACK OF DEPRESSED CURB/FRONT OF RAMP	BACK OF DEPRESSED CURB/FRONT OF RAMP	BACK OF RAMP/FRONT OF LANDING	BACK OF RAMP/FRONT OF LANDING	BACK OF LANDING	BACK OF LANDING TOP OF BACK OF CURB AT TOP OF RAMP	TOP OF BACK OF CURB AT FLARE END	TOP FRONT OF CURB AT TOP OF RAMP/TOP OF BACK OF CURB AT FLARE END	LEFT RAMP/FLARE SLOPE	RIGHT RAMP/FLARE SLOPE	RAMP/LANDING RUNNING SLOPE	BACK OF RAMP/FRONT OF LANDING CROSSING	GUTTER SLOPE AT FLOWLINE

GENERAL NOTES:

- SEE DRAWING NO. RD1-RD17 FOR CURB RAMP LENGTHS. THE CURB RAMP ELEVATIONS PROVIDED ARE BASED ON THE LENGTHS PROVIDED AND SERVE ONLY AS A GUIDE IN LAYING OUT THE CURB RAMPS. LENGTHS AND ELEVATIONS MAY BE ADJUSTED TO ACHIEVE REQUIRED SLOPES AND TO ACCOMMODATE EXISTING SITE CONDITIONS. ALL SLOPES AND LENGTHS MUST BE APPROVED BY THE ENGINEER PRIOR TO POURING CEMENT CONCRETE. TO MEET ADA GUIDELINES A MAXIMUM CROSS SLOPE OF 2.0% IS ALLOWED ON SIDEWALKS AND RAMPS.
- MINIMUM FLARE LENGTH SHALL BE 4 FEET, WITH A MAXIMUM SLOPE OF 10.0%. FLARE MAY BE LENGTHENED TO A MAXIMUM OF 7 FEET TO ACHIEVE A SLOPE OF 10.0% OR LESS. FINAL LENGTHS AND SLOPES MUST BE APPROVED BY THE ENGINEER PRIOR TO POURING CEMENT CONCRETE.
- MINIMUM RAMP LENGTH FOR PARALLEL CURB RAMPS SHALL BE 4 FEET, WITH A RAMP RUNNING SLOPE NOT TO EXCEED 8.3%. RAMP MAY BE LENGTHENED TO ACHIEVE 8.3% OR LESS SLOPE TO A MAXIMUM LENGTH OF 15 FEET. THE LENGTH AND RUNNING SLOPE OF THE RAMP MUST BE APPROVED BY THE ENGINEER PRIOR TO POURING CEMENT CONCRETE.

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* OMIT PEDESTRIAN CURB ALONG BACK OF LANDING (4')
** RAMP DETAIL IS REVERSED-FLARE IS ON LEFT SIDE OF RAMP

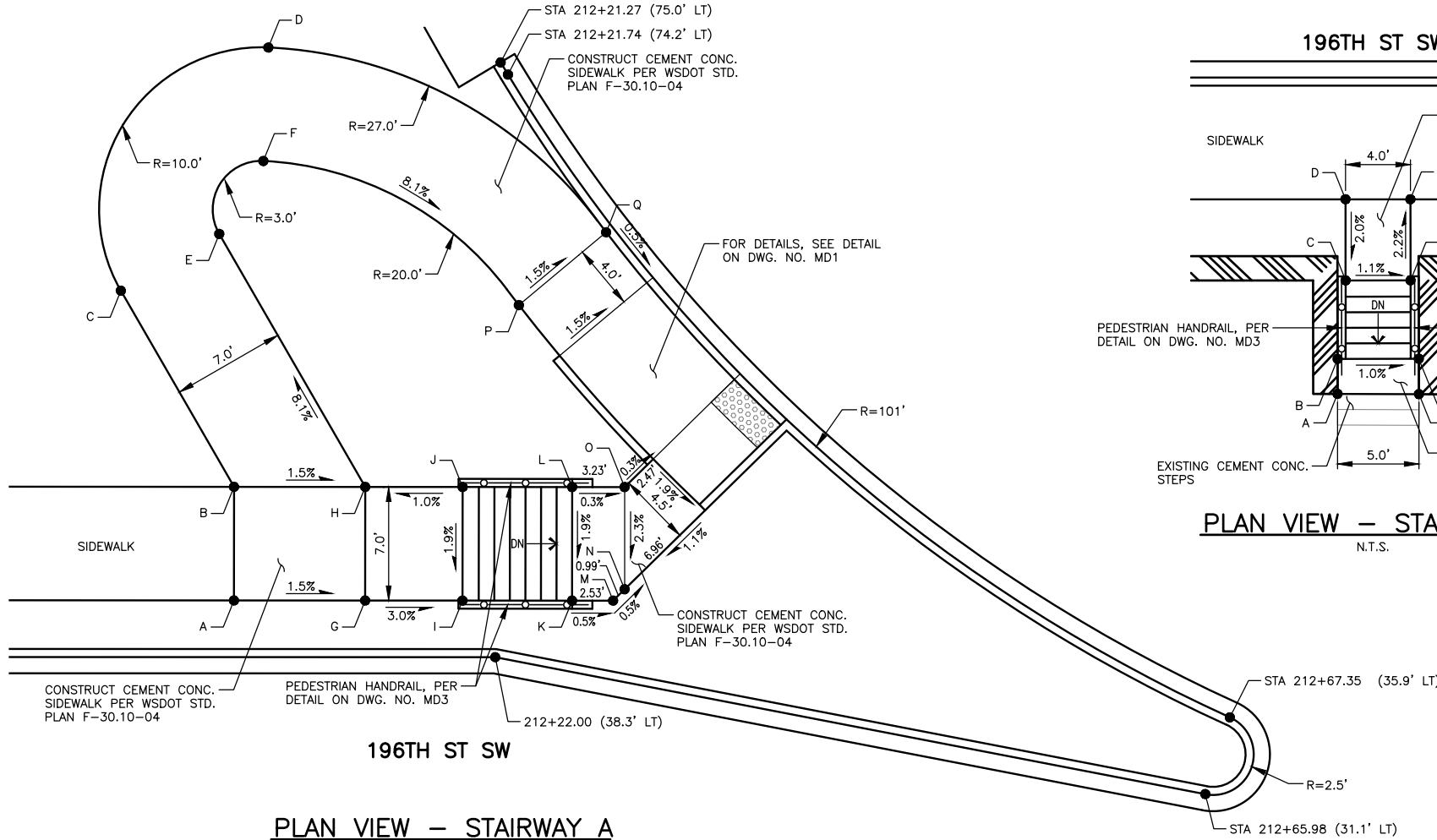


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Designed By E. BORGES Date 5/2023
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SCALE
Horiz N/A
Vert N/A
Project Number 20100156

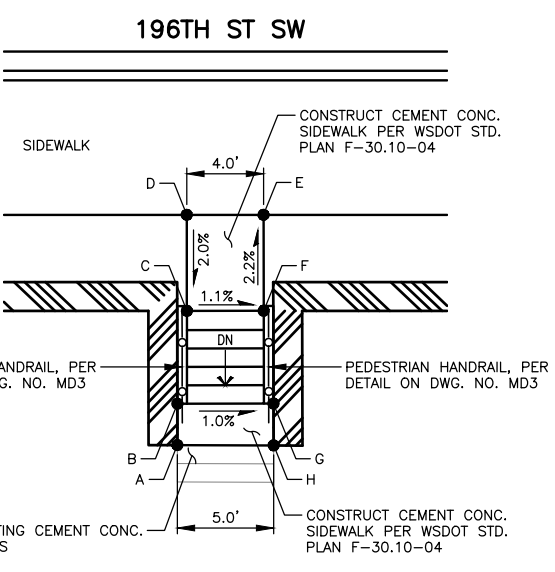
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POPLAR WAY EXTENSION BRIDGE
MISCELLANEOUS DETAILS

Drawing No. MD1
Sheet No. X of Total X



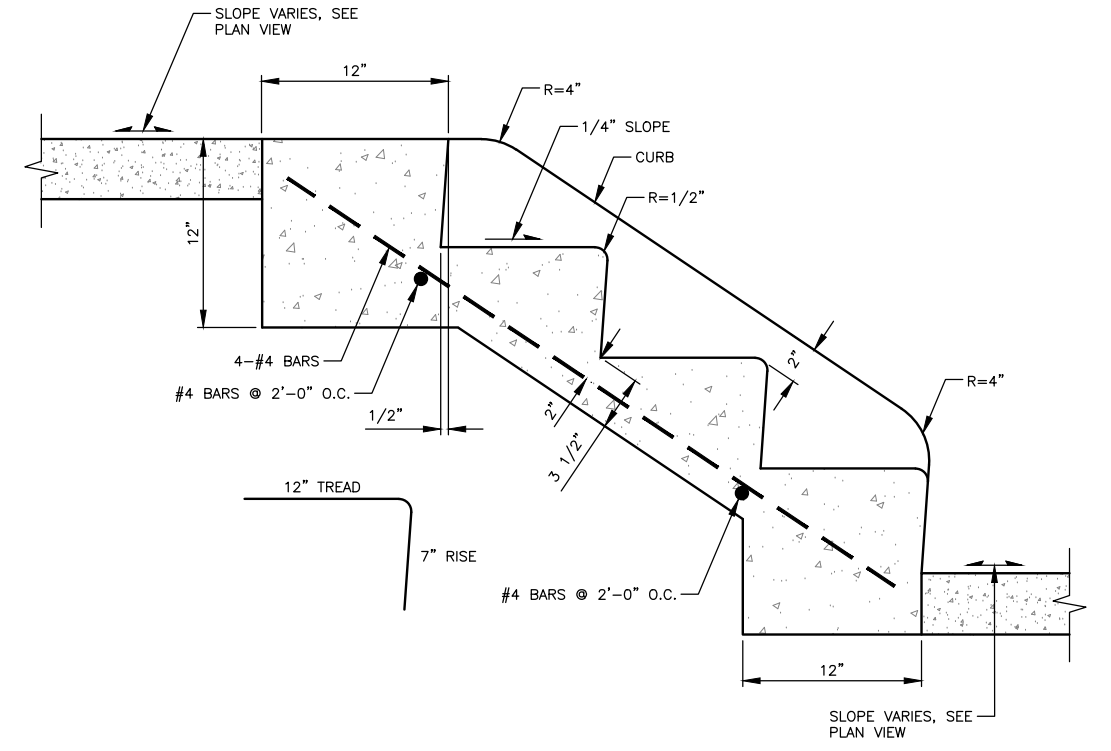
PLAN VIEW - STAIRWAY A
N.T.S.

POINT TABLE - A				
POINT NO.	STATION	OFFSET	ELEVATION	LOCATION
A	212+05.80	41.3' LT	409.79	FRONT OF SIDEWALK
B	212+05.61	48.3' LT	409.68	BACK OF SIDEWALK
C	211+98.28	60.2' LT	408.82	BACK OF SIDEWALK/PC
D	212+06.94	75.5' LT	407.51	BACK OF SIDEWALK/PCC
E	212+04.24	63.9' LT	408.11	FRONT OF SIDEWALK/PC
F	212+06.83	68.5' LT	407.59	FRONT OF SIDEWALK/PCC
G	212+13.88	41.6' LT	409.66	FRONT OF SIDEWALK
H	212+13.69	48.6' LT	409.56	BACK OF SIDEWALK
I	212+19.88	41.7' LT	409.48	TOP OF STEP
J	212+19.68	48.7' LT	409.62	TOP OF STEP
K	212+26.63	41.9' LT	405.40	BOTTOM OF STEP
L	212+26.43	48.9' LT	405.54	BOTTOM OF STEP
M	212+29.15	42.0' LT	405.39	FRONT OF SIDEWALK/AP
N	212+29.84	42.7' LT	405.38	FRONT OF SIDEWALK/LOW PT.
O	212+29.66	49.0' LT	405.53	BACK OF SIDEWALK/AP
P	212+22.64	60.3' LT	406.11	TOP OF LANDING
Q	212+28.05	64.7' LT	406.01	TOP OF CURB



PLAN VIEW - STAIRWAY B
N.T.S.

POINT TABLE - B				
POINT NO.	STATION	OFFSET	ELEVATION	LOCATION
A	213+26.35	50.0' RT	397.57	END SIDEWALK/MATCH EXISTING
B	213+26.35	47.8' RT	397.74	BOTTOM OF STEP
C	213+26.83	43.0' RT	400.65	TOP OF STEP
D	213+26.80	38.0' RT	400.75	BACK OF SIDEWALK
E	213+30.80	38.0' RT	400.50	BACK OF SIDEWALK
F	213+30.83	43.0' RT	400.61	TOP OF STEP
G	213+31.35	48.0' RT	397.68	BOTTOM OF STEP
H	213+31.37	50.0' RT	397.55	END SIDEWALK/MATCH EXISTING



TYPICAL SECTION - STAIRWAYS A AND B
N.T.S.

NOTES:

- STEPS SHALL BE 4'-0" MIN. WIDE CURB TO CURB, PLUS 6" CURBS ON EACH SIDE.
- CEMENT CONCRETE SHALL BE CLASS 3000, TROWEL FINISH.
- ALL STEPS SHALL HAVE RAILINGS (BOTH SIDES) INSTALLED PER DETAIL ON DWG. NO. MD3.
- STAIRWAY A SHALL HAVE 7 STEPS.
- STAIRWAY B SHALL HAVE 5 STEPS.

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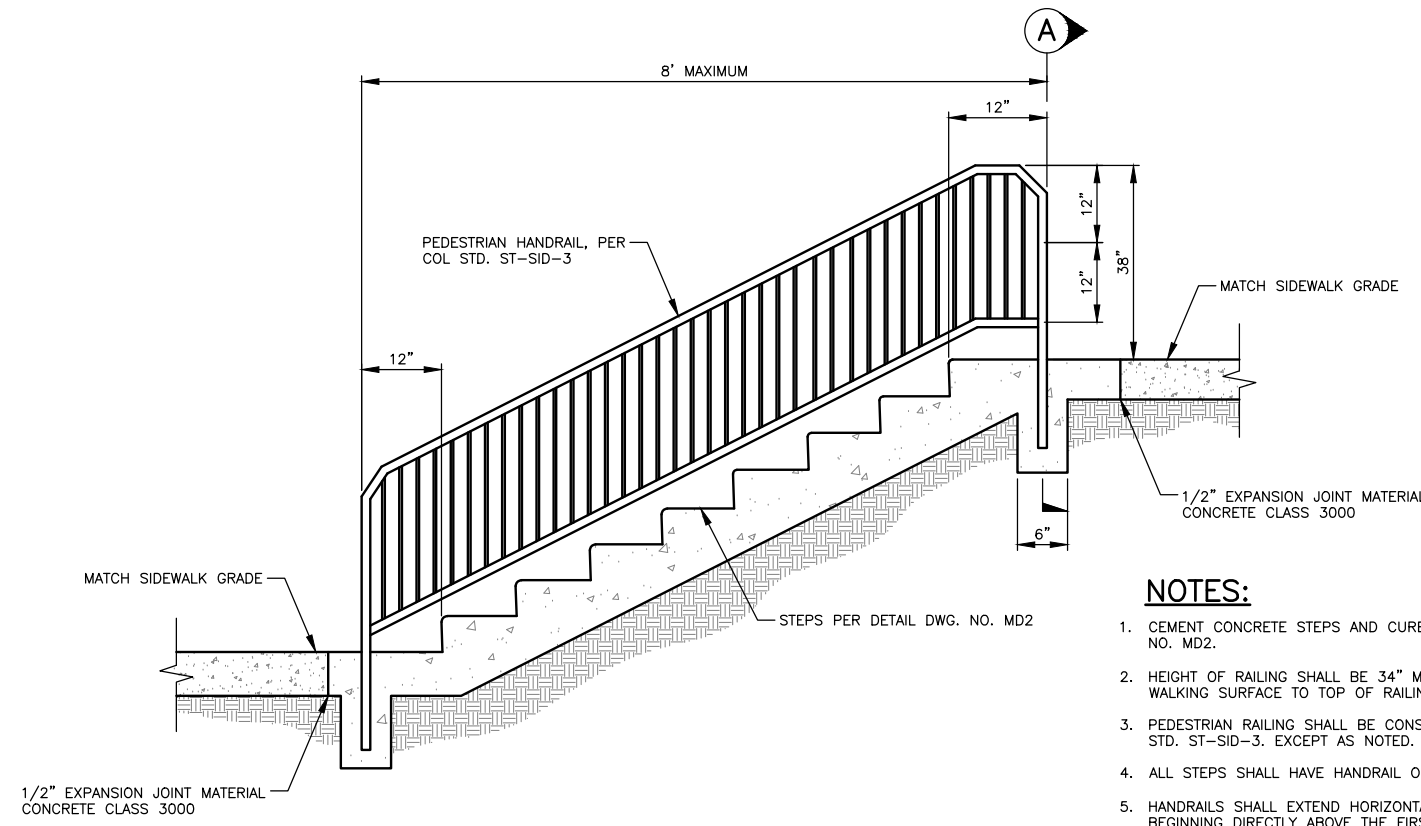
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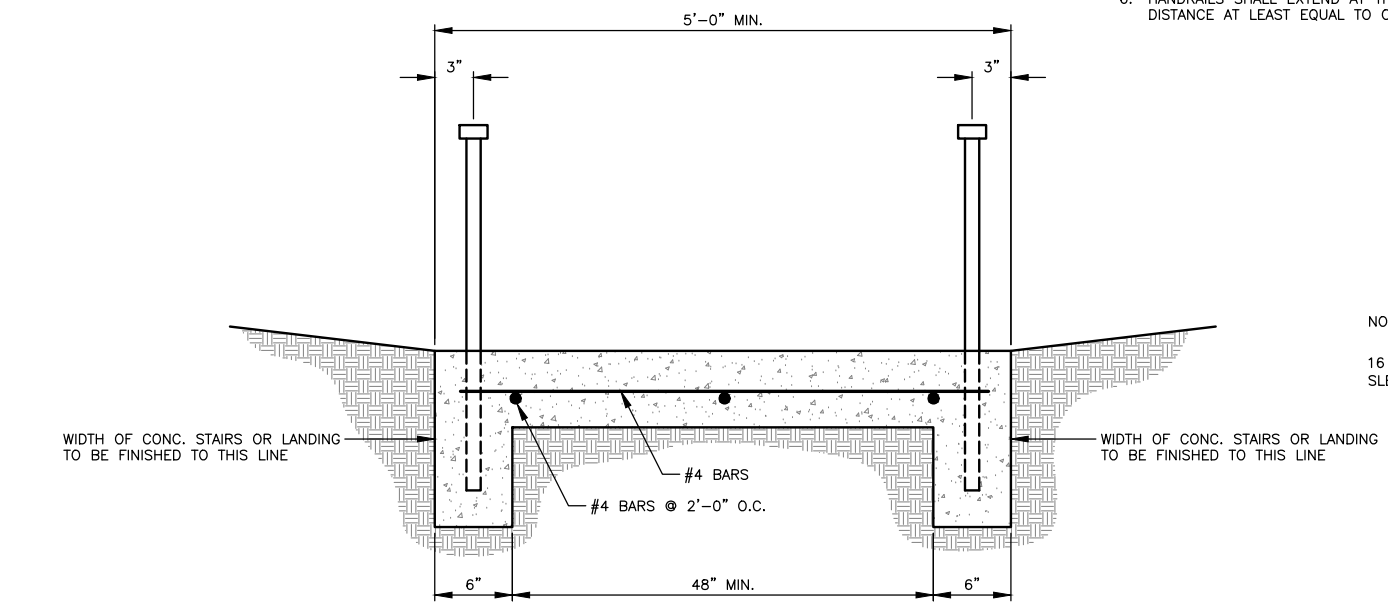
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MISCELLANEOUS DETAILS

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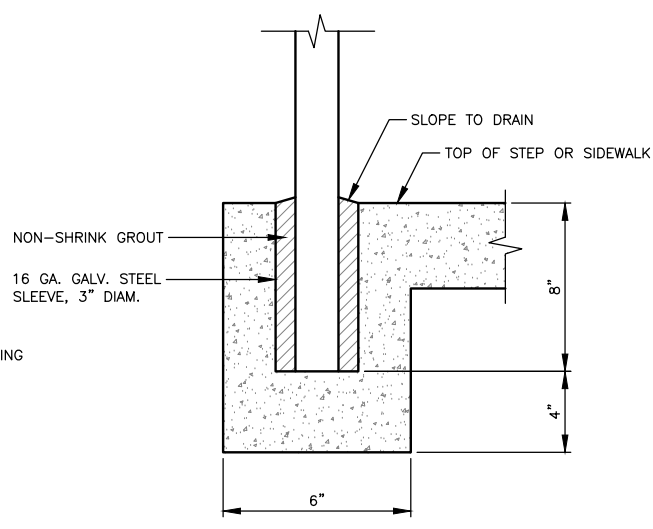
NOTES:

1. CEMENT CONCRETE STEPS AND CURBS SHALL BE CONSTRUCTED AS SHOWN ON DWG. NO. MD2.
2. HEIGHT OF RAILING SHALL BE 34" MINIMUM, 38" MAXIMUM FROM TOP OF NOSING OR WALKING SURFACE TO TOP OF RAILING.
3. PEDESTRIAN RAILING SHALL BE CONSTRUCTED PER CITY OF LYNNWOOD DRAWING NO. STD. ST-SID-3. EXCEPT AS NOTED.
4. ALL STEPS SHALL HAVE HANDRAIL ON BOTH SIDES.
5. HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING FOR 12" MINIMUM BEGINNING DIRECTLY ABOVE THE FIRST RISER NOSING.
6. HANDRAILS SHALL EXTEND AT THE SLOPE OF THE STAIR FLIGHT FOR A HORIZONTAL DISTANCE AT LEAST EQUAL TO ONE TREAD DEPTH BEYOND THE LAST RISER NOSING.

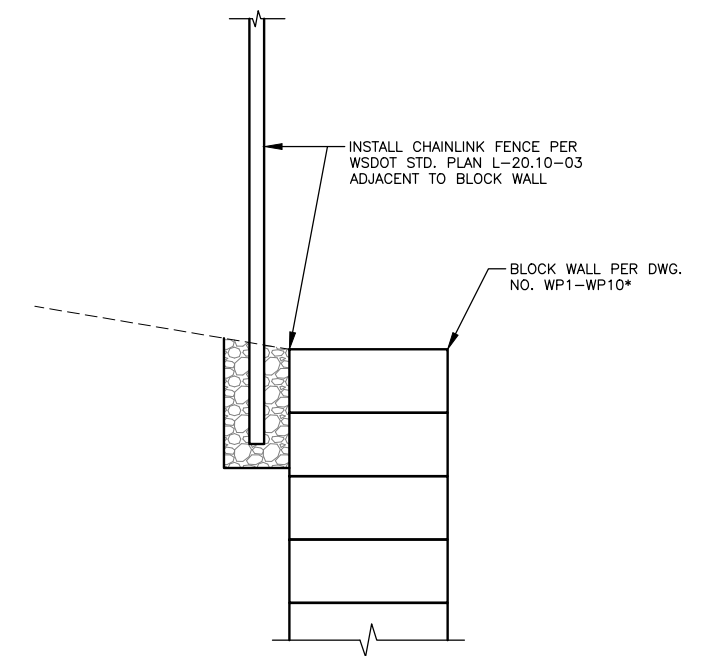


SECTION A-A

CEMENT CONCRETE STAIRWAY
N.T.S.



POST DETAIL



FENCE INSTALLATION ADJACENT TO WALL DETAIL
N.T.S.

*INSTALLATION ON WALL #2, WALL #3, WALL #4, WALL #8 AND WALL #18

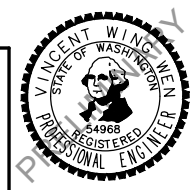
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Approved By	V. WEN	Date	5/2023

SCALE	
Horiz	N/A
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CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
MISCELLANEOUS DETAILS

Drawing No.	MD3
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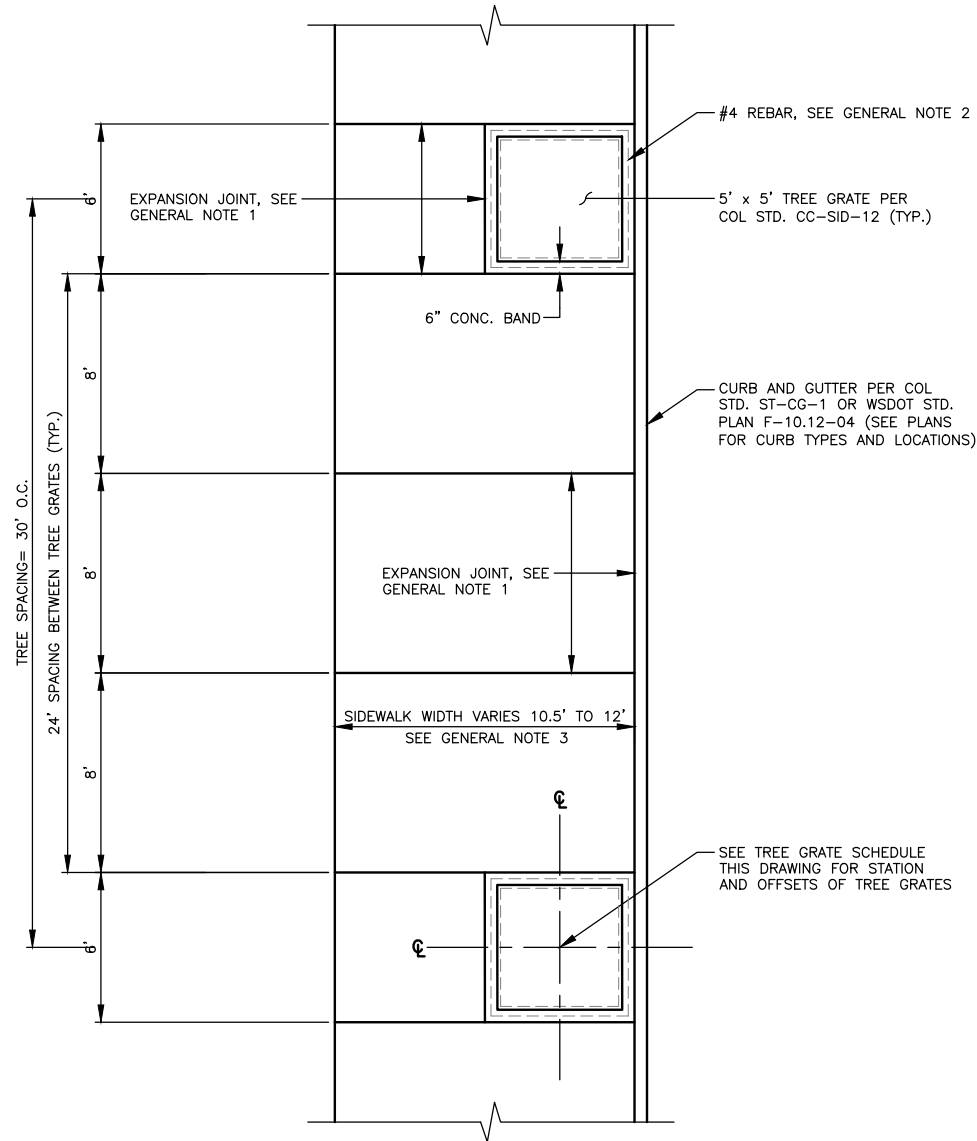
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GENERAL NOTES:

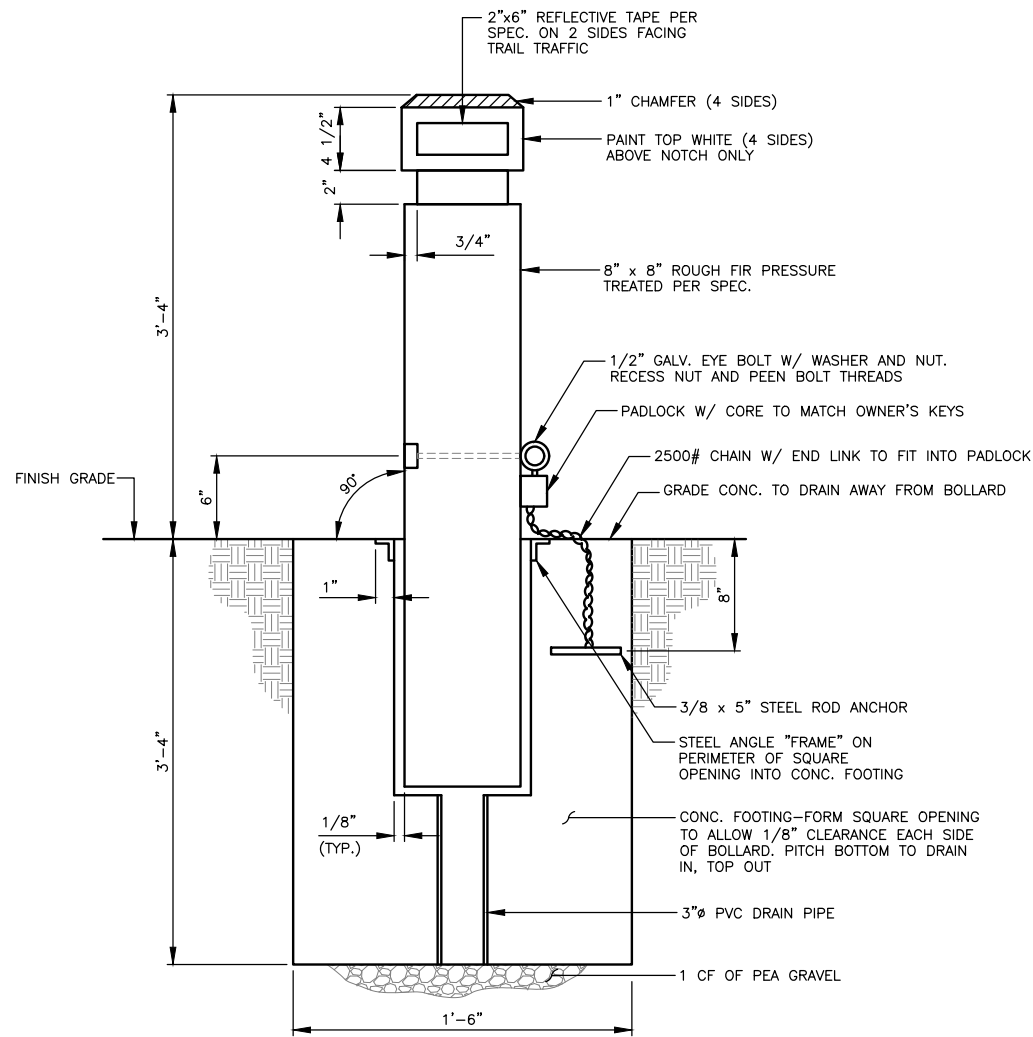
- SCORING PATTERN SHALL BE INSTALLED PER COL STD. CC-SID-6 AND CC-SID-12.
- #4 REBAR TO WRAP AROUND CEMENT CONC. BAND TO TIE TOGETHER. REBAR TO BE PLACED AT 3-INCH DEPTH.
- TREE GRATES SHALL BE INSTALLED AT SIDEWALK LOCATIONS WHERE SIDEWALK WIDTH IS 10.5' AND 12'. SEE ROADWAY PLANS FOR LOCATIONS. SIDEWALKS LESS THAN 10.5' WIDE SHALL BE BROOM FINISHED, AND CONSTRUCTED PER COL STD. ST-SID-1, EXPANSION JOINT SPACING SHALL MATCH THE EXPANSION SPACING OF THE ADJACENT CURB. SEE ROADWAY PLANS FOR LOCATIONS AND CURB TYPES.

REMOVABLE BOLLARD SCHEDULE		
STREET	STATION	OFFSET
ALDERWOOD MALL BLVD	306+45.92	27.9' RT
ALDERWOOD MALL BLVD	306+45.62	32.4' RT
ALDERWOOD MALL BLVD	306+45.32	36.9' RT
ALDERWOOD MALL BLVD	307+54.47	31.1' RT
ALDERWOOD MALL BLVD	307+59.13	31.2' RT
ALDERWOOD MALL BLVD	307+63.80	31.4' RT
ALDERWOOD MALL BLVD	307+68.46	31.5' RT
ALDERWOOD MALL BLVD	307+73.12	31.7' RT
ALDERWOOD MALL BLVD	307+77.77	31.9' RT
ALDERWOOD MALL BLVD	325+54.76	52.3' RT
ALDERWOOD MALL BLVD	325+59.43	52.3' RT
ALDERWOOD MALL BLVD	325+64.10	52.3' RT
ALDERWOOD MALL BLVD	325+68.76	52.3' RT
ALDERWOOD MALL BLVD	325+73.43	52.3' RT
ALDERWOOD MALL BLVD	325+78.10	52.3' RT

STREET TREE GRATE SCHEDULE		
STREET	STATION	OFFSET
POPLAR WAY	103+34.42	38.1' RT
POPLAR WAY	103+64.42	33.1' RT
POPLAR WAY	103+94.98	28.5' RT
POPLAR WAY	104+24.75	28.5' RT
POPLAR WAY	104+54.75	28.5' RT
POPLAR WAY	104+84.69	29.0' RT
POPLAR WAY	105+14.90	29.8' RT
POPLAR WAY	105+44.90	30.7' RT
POPLAR WAY	105+74.69	31.6' RT
POPLAR WAY	106+04.69	32.4' RT
POPLAR WAY	106+37.04	33.3' RT
POPLAR WAY	106+64.68	34.1' RT
POPLAR WAY	106+94.91	35.1' RT
POPLAR WAY	107+25.96	36.1' RT
POPLAR WAY	107+57.13	37.1' RT
POPLAR WAY	108+15.90	38.5' RT
POPLAR WAY	108+44.87	38.5' RT
POPLAR WAY	108+74.87	38.5' RT
POPLAR WAY	109+04.87	38.5' RT
33RD AVE W	117+72.65	36.5' RT
33RD AVE W	119+21.08	33.7' RT
33RD AVE W	119+51.02	31.7' RT
33RD AVE W	120+12.21	27.7' RT
33RD AVE W	102+42.21	25.7' RT
33RD AVE W	120+43.32	25.4' LT
33RD AVE W	120+13.32	25.4' LT
33RD AVE W	119+83.32	25.4' LT
33RD AVE W	119+53.32	25.5' LT
33RD AVE W	118+60.14	27.3' LT
33RD AVE W	118+30.20	29.2' LT
33RD AVE W	118+01.23	31.2' LT
33RD AVE W	117+31.99	36.3' LT
ALDERWOOD MALL BLVD	309+05.09	31.0' LT
ALDERWOOD MALL BLVD	308+75.09	31.0' LT
ALDERWOOD MALL BLVD	308+45.09	31.0' LT
ALDERWOOD MALL BLVD	308+15.23	31.9' LT
ALDERWOOD MALL BLVD	307+84.99	33.4' LT
ALDERWOOD MALL BLVD	307+55.03	34.9' LT
ALDERWOOD MALL BLVD	307+25.06	36.3' LT
ALDERWOOD MALL BLVD	306+35.90	34.7' LT
ALDERWOOD MALL BLVD	306+05.90	33.4' LT
ALDERWOOD MALL BLVD	305+75.90	32.1' LT
ALDERWOOD MALL BLVD	305+45.90	30.7' LT
ALDERWOOD MALL BLVD	305+15.90	29.4' LT
ALDERWOOD MALL BLVD	304+85.90	28.0' LT



TREE GRATE DETAIL
N.T.S.



REMOVABLE BOLLARD DETAIL
N.T.S.

SEE REMOVABLE BOLLARD SCHEDULE THIS DRAWING FOR LOCATIONS

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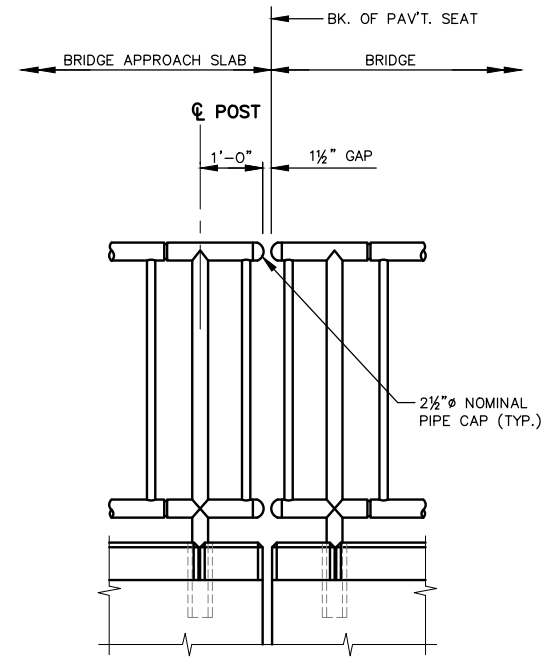
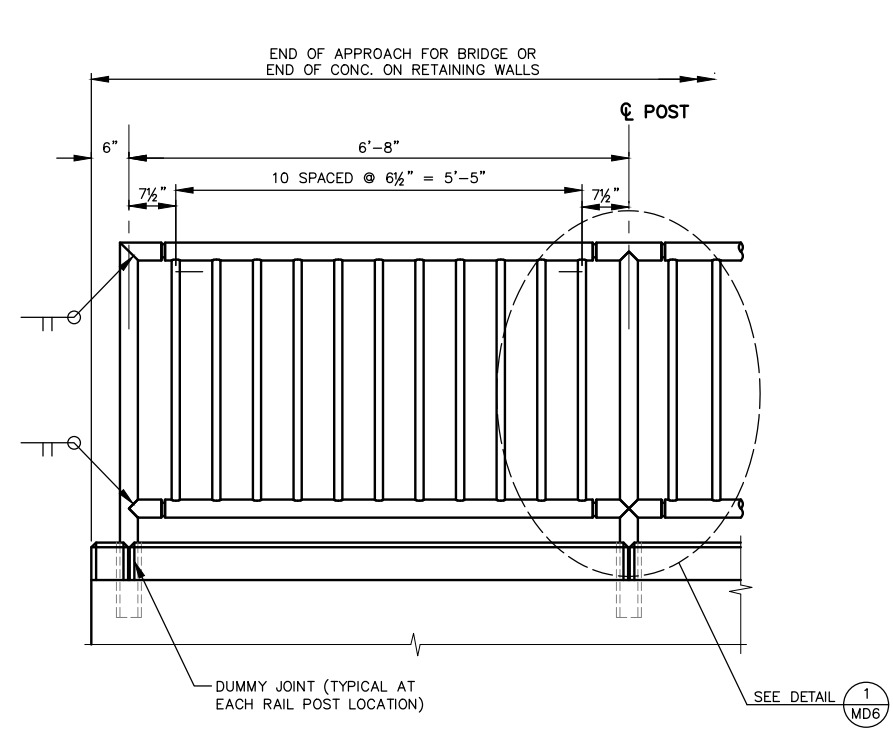


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Designed By E. BORGES Date 5/2023
Checked By V. WEN Date 5/2023
Approved By V. WEN Date 5/2023

SCALE
Horiz N/A
Vert N/A
Project Number 20100156

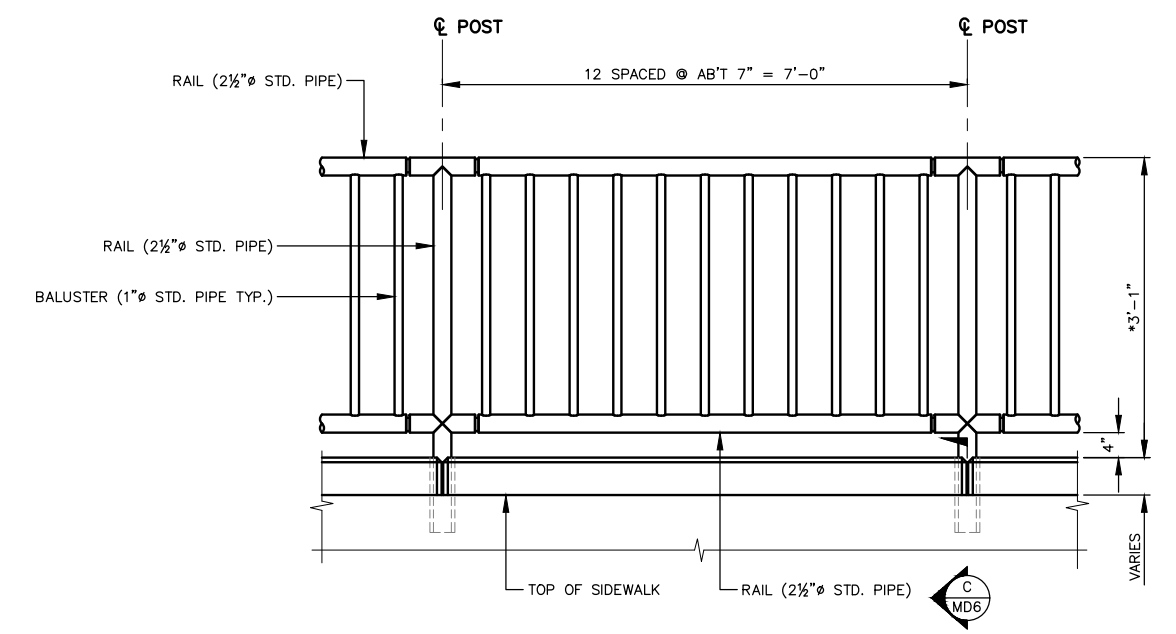
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POPLAR WAY EXTENSION BRIDGE
MISCELLANEOUS DETAILS

Drawing No. **MD4**
Sheet No. X of Total X



ELEVATION

BALUSTERS NORMAL TO GRADE.
TOP & BOTTOM RAILS PARALLEL TO GRADE.



CONCRETE BARRIER RAILING DETAIL

N.T.S.

NOTES:

- PIPE RAILING AND PIPE RAILING SPLICES SHALL BE BENT TO THE HORIZONTAL CURVE WHERE THE RADIUS OF CURVATURE IS LESS THAN 200'. THESE ITEMS MAY BE HEATED TO NOT MORE THAN 400°F FOR A PERIOD NOT TO EXCEED 30 MINUTES TO FACILITATE FORMING OR BENDING TO HORIZONTAL CURVATURE.
 - SHOP DRAWINGS OF RAILING SHALL BE SUBMITTED FOR APPROVAL SHOWING COMPLETE DIMENSIONS AND DETAILS OF FABRICATION AND INCLUDING AN ERECTION DIAGRAM. MATERIAL SPECIFICATIONS SHALL BE PROVIDED IN THE SHOP DRAWINGS FOR ALL COMPONENTS.
 - CUTTING SHALL BE DONE BY SAWING OR MILLING AND ALL CUTS SHALL BE TRUE AND SMOOTH. FLAME CUTTING WILL NOT BE PERMITTED.
 - WELDING OF ALUMINUM SHALL CONFORM TO STD. SPEC. SECTION 9-28.14(3).
 - AFTER FABRICATION, POSTS SHALL BE HEAT TREATED IN ACCORDANCE WITH SECTION 6.5 OF THE AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS DATED 2001.
 - ALL ALUMINUM PARTS SHALL BE GIVEN A * [CLEAR OR BRONZE] ANODIC COATING OF AT LEAST 0.0006" THICK AND SEALED TO MEET THE REQUIREMENTS OF ASTM B 580 WITH A UNIFORM FINISH.
 - PIPE RAILING, PIPE BALUSTERS AND PIPE RAILING SPLICES SHALL BE ADEQUATELY WRAPPED TO INSURE SURFACE PROTECTION DURING HANDLING AND TRANSPORTATION TO THE JOB SITE.
- * FIELD VERIFY SUCH THAT TOTAL HEIGHT OF RAIL ABOVE SIDEWALK IS 4'-6".
8. SEE PARTS AND MATERIALS SPECIFICATION TABLE BELOW FOR USE ON PEDESTRIAN RAILING DETAILS IN DWG. NO. MD5-MDB.

MAT'L	PART	MATERIAL SPECIFICATION
ALUMINUM	PIPES	ASTM B 221-6005-T5 SCHEDULE 40 (STD. PIPE) ASTM B 241 OR B 429 6061-T6
	BAR	ASTM B 221-6005-T5
STEEL	DRIVE PINS	ASTM A 276 TYPE 302 STAINLESS STEEL

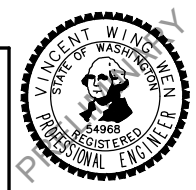
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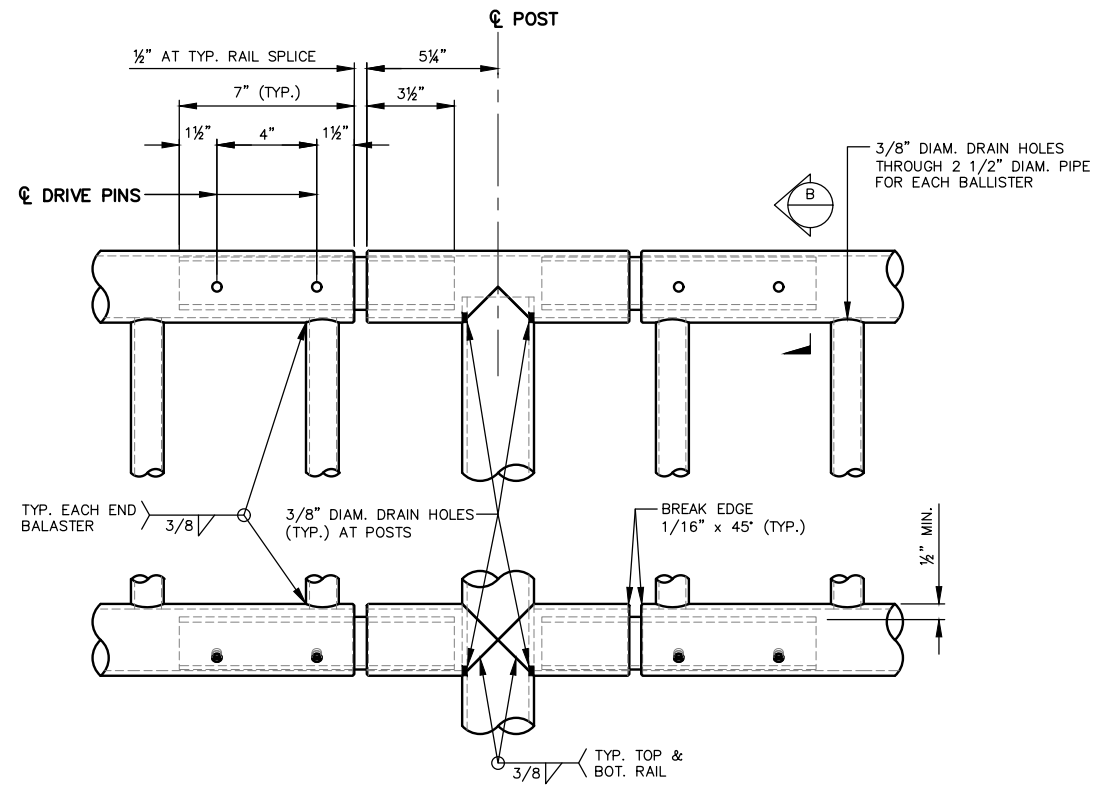
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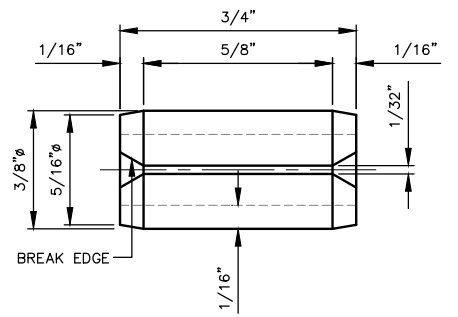
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PEDESTRIAN RAILING DETAILS

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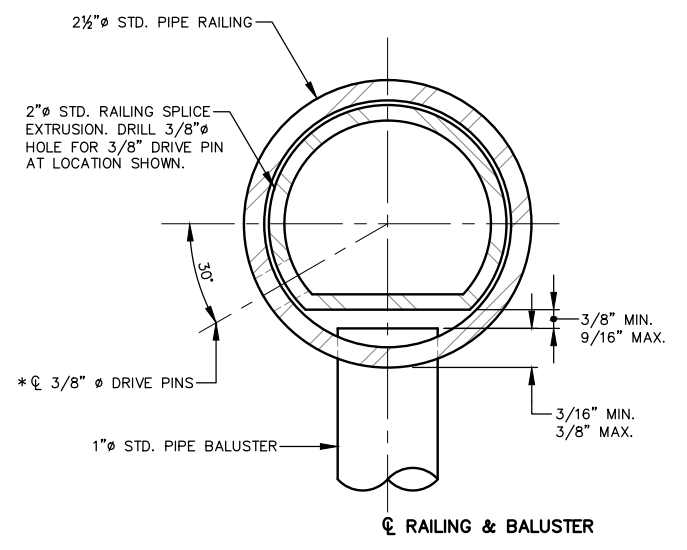


DETAIL 1
MD5



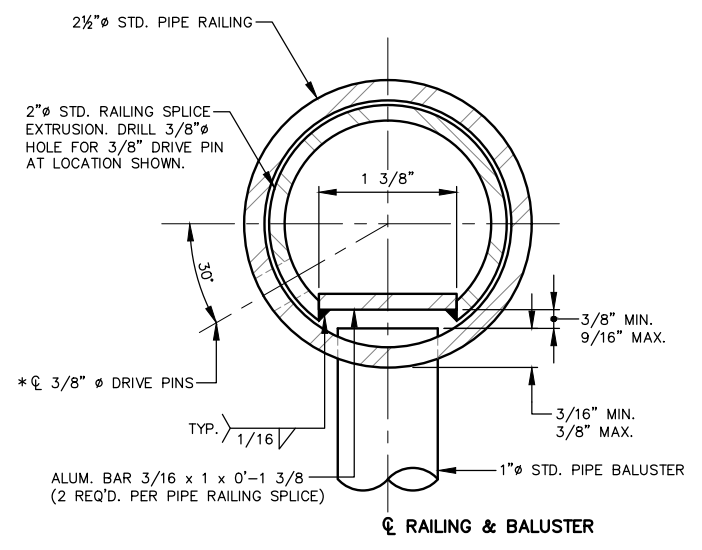
DRIVE PIN DETAIL
SLOTTED TYPE SPRING PIN (ANSI B18.8.2)

CONCRETE BARRIER RAILING DETAIL
N.T.S.



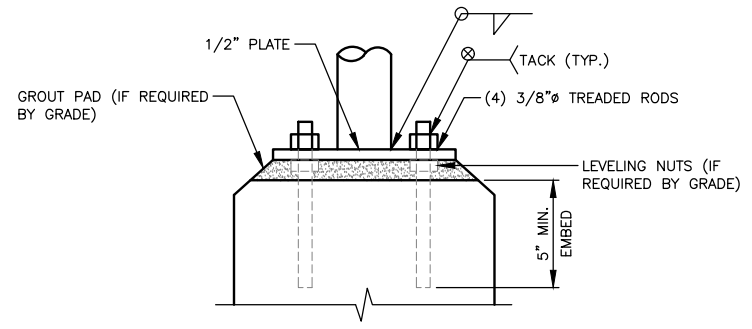
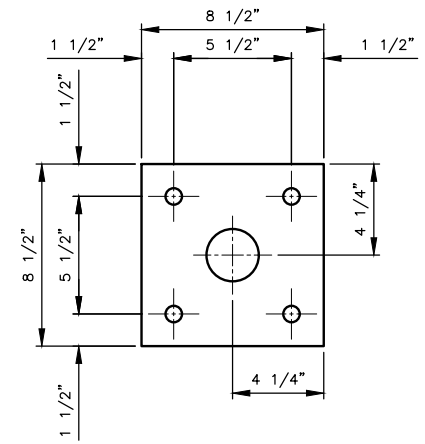
SECTION B
OPTION #1

* LOCATE ON OPPOSITE SIDE OF TRAFFIC. DRIVE PINS SHALL BE DRIVEN FLUSH WITH THE OUTSIDE FACE OF THE RAILING.



SECTION B
OPTION #2

* LOCATE ON OPPOSITE SIDE OF TRAFFIC. DRIVE PINS SHALL BE DRIVEN FLUSH WITH THE OUTSIDE FACE OF THE RAILING.



ALTERNATE CONNECTOR C
MD5

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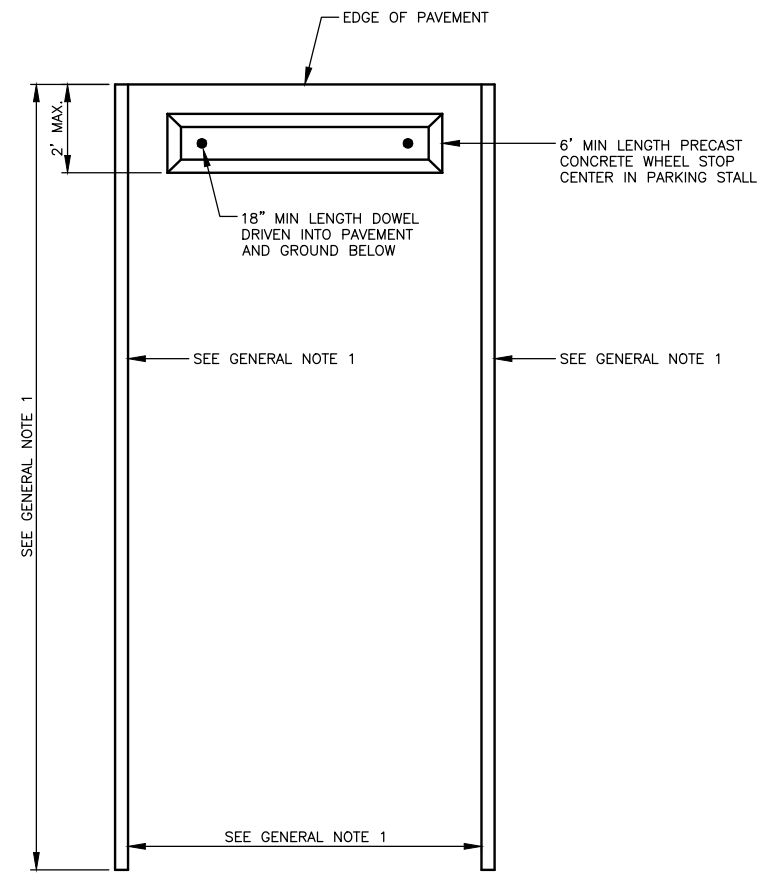


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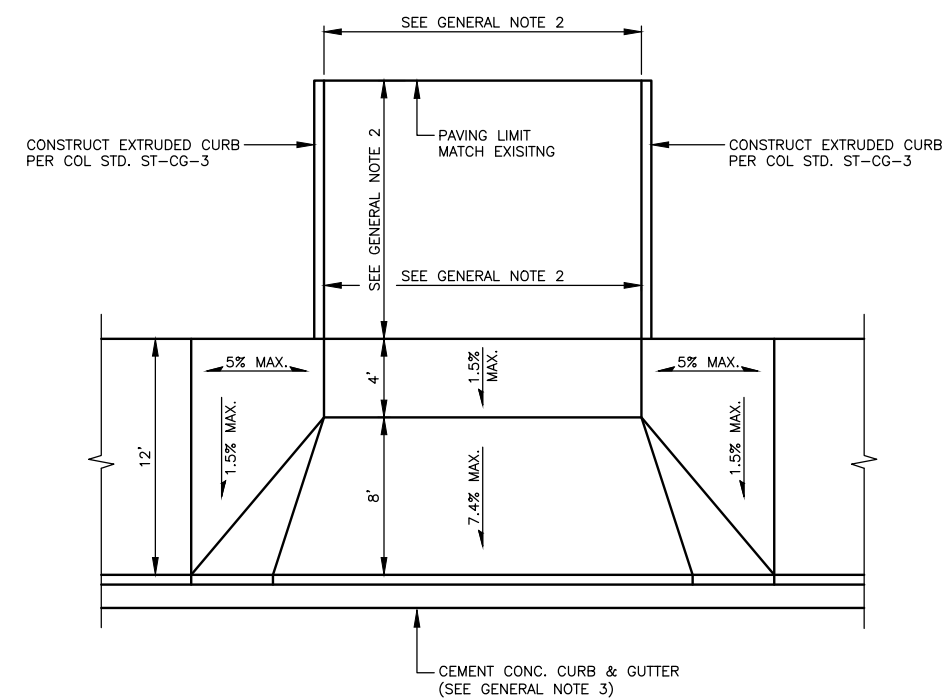
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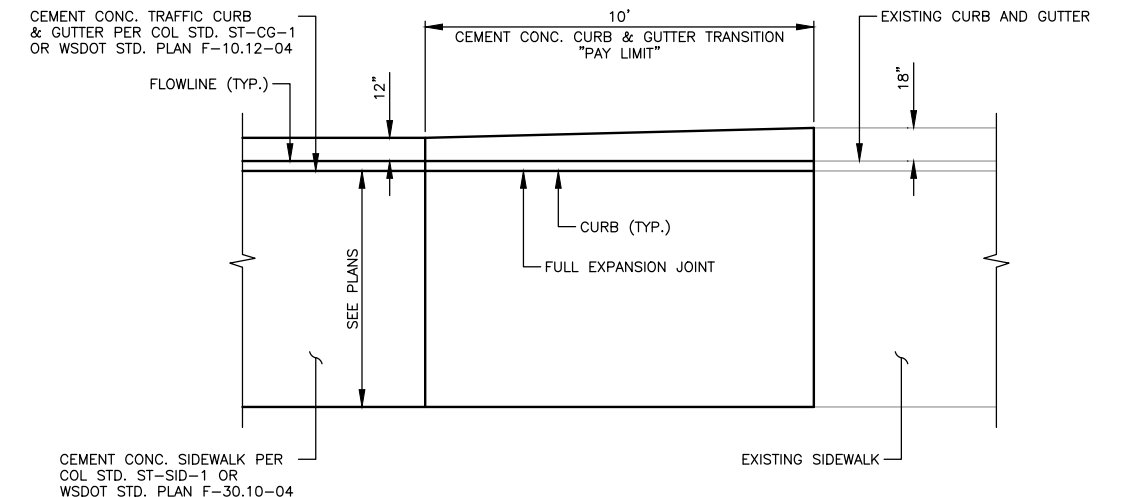
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of Total	X



PARKING STALL AND WHEEL STOP LAYOUT
N.T.S.



CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 2
N.T.S.



CEMENT CONCRETE CURB & GUTTER TRANSITION
N.T.S.

GENERAL NOTES:

1. PARKING STALL WIDTH, AND PAVEMENT MARKING PER DWG. NO. CH1-CH16.
2. DRIVEWAY WIDTH AT BACK OF WALK AND PAVING LIMIT, LENGTH AND MATERIAL PER DRIVEWAY SCHEDULE ON DWG. NO. RD1-RD13.
3. SEE COL STD. ST-CG-1 FOR CURB DETAILS..
4. WHEN THE DRIVEWAY WIDTH EXCEEDS 10', CONSTRUCT A FULL DEPTH EXPANSION JOINT WITH 3/8" JOINT FILLER ALONG THE DRIVEWAY CENTERLINE. SEE WSDOT STD. PLAN F-30.10-04 FOR EXPANSION JOINT DETAIL. CONSTRUCT EXPANSION JOINTS PARALLEL WITH THE CENTERLINE AS REQUIRED AT 10' MAX. SPACING WHEN DRIVEWAY WIDTHS EXCEED 20'.
5. SEE WSDOT STD. PLAN F-80.10-04 FOR ADDITIONAL CEMENT CONCRETE ENTRANCE TYPE 2 DETAILS.

May 09, 2023 - 12:23pm sean.delavarpour X:\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 MD.dwg Layout Name: MD7



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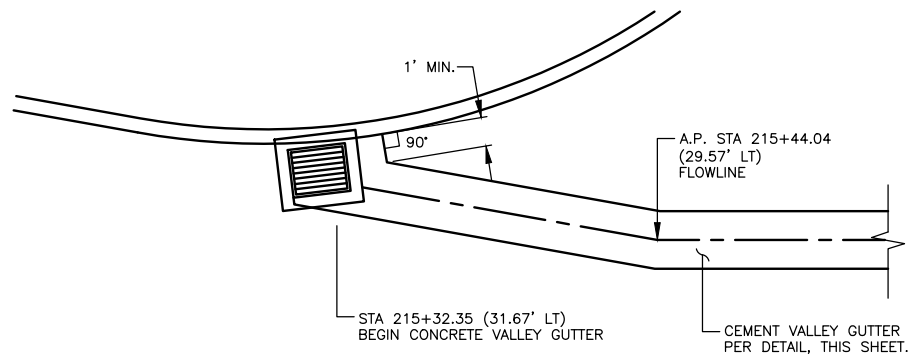
LYNNWOOD WASHINGTON



Drawn By S. DELAVARPOUR	Date 5/2023	SCALE
Designed By E. BORGES	5/2023	Horiz N/A
Checked By V. WEN	5/2023	Vert N/A
Approved By V. WEN	5/2023	Project Number 20100156

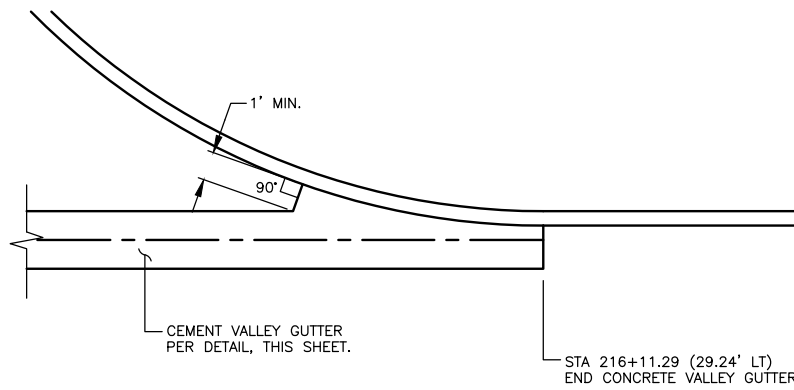
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
MISCELLANEOUS DETAILS

Drawing No. MD7
Sheet No. X
of Total X



196TH ST SW

CONCRETE VALLEY GUTTER DETAIL 1
N.T.S. RD6

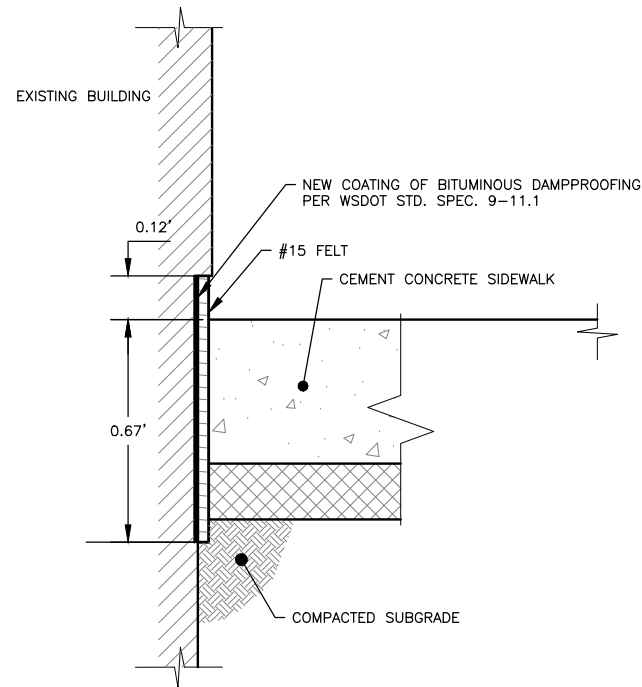


196TH ST SW

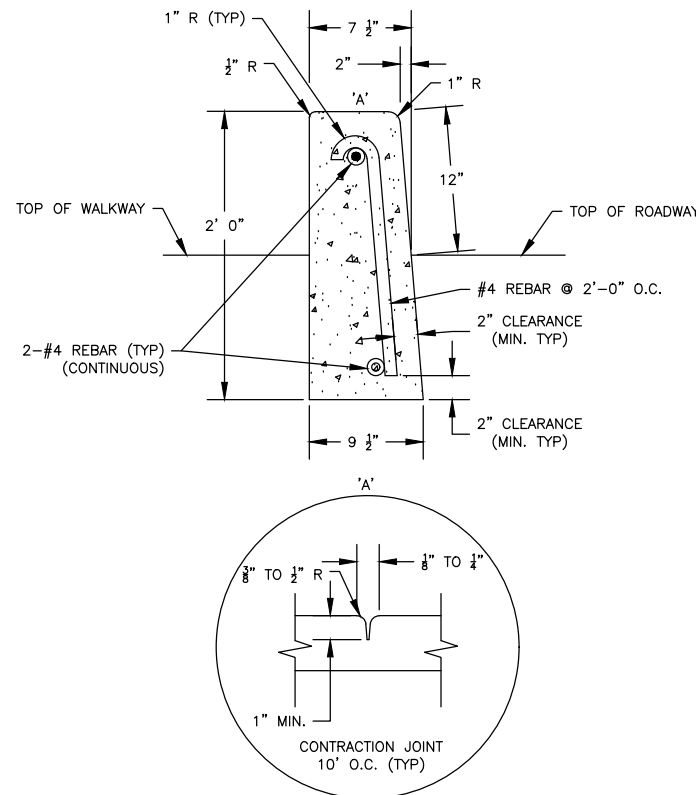
CONCRETE VALLEY GUTTER DETAIL 2
N.T.S. RD6

GENERAL NOTE:

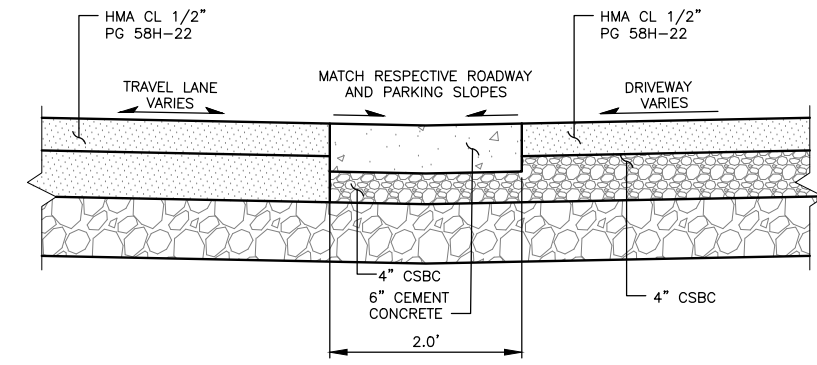
- 1. STATIONS AND OFFSETS ARE MEASURED TO FLOWLINE.



WATERPROOFING AT BUILDING FACE
NTS



CEMENT CONCRETE BARRIER CURB
NTS



CEMENT CONCRETE VALLEY GUTTER DETAIL
N.T.S.



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May 09, 2023 3:24pm enrique.borges X:\Lynnwood, City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 MD.dwg Layout Name: MD8

No.	Date	Revision	By	Appr.



Drawn By	S. DELAVARPOUR	Date	5/2023
Designed By	E. BORGES	Date	5/2023
Checked By	V. WEN	Date	5/2023
Approved By	V. WEN	Date	5/2023

SCALE	
Horiz	N/A
Vert	N/A
Project Number	20100156

CITY OF LYNNWOOD	
POPLAR WAY EXTENSION BRIDGE	
MISCELLANEOUS DETAILS	

Drawing No.	MD8
Sheet No.	X
of Total	X

WATER NOTES:

1. ALL WATER MAINS SHALL BE PRESSURE TESTED AND DISINFECTED IN ACCORDANCE WITH THE MOST CURRENT EDITION OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION (STANDARD SPECIFICATIONS), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 24 AND THE CITY OF LYNNWOOD (CITY) REQUIREMENTS. ALL PRESSURE TESTING SHALL BE DONE IN THE PRESENCE OF A REPRESENTATIVE OF THE CITY. ALL MAINS SHALL BE STERILIZED AND FLUSHED PRIOR TO PLACING LINES INTO SERVICE. THE MAIN SHALL BE INSPECTED BY THE CITY PUBLIC WORKS INSPECTOR PRIOR TO BACKFILL. AN AS-BUILT COPY SHALL BE PROVIDED TO THE CITY PRIOR TO PUBLIC WORKS ACCEPTANCE.
2. DUCTILE IRON PIPE SHALL BE NEW, CLASS 52, CEMENT-MORTAR LINED, CENTRIFUGALLY CAST PIPE CONFORMING TO THE REQUIREMENTS OF AMERICAN WATER WORKS ASSOCIATION (AWWA) C-151 AND STANDARD SPECIFICATIONS 9.30.1(1). NON RESTRAINED JOINTS SHALL BE RUBBER GASKET, PUSH ON TYPE, OR MECHANICAL TYPE MEETING THE REQUIREMENTS OF AWWA C111. RESTRAINED JOINTS SHALL BE AS SPECIFIED IN SECTION 9-30.2(6) OF STANDARD SPECIFICATIONS. ALL PIPE SHALL BE CLEARLY MARKED WITH THE MANUFACTURER'S NAME, TYPE, CLASS AND THICKNESS AS APPLICABLE. ALL FITTINGS SHALL BE PER STANDARD SPECIFICATION 9-30.2 AND 9-30.2(1).
3. CONCRETE THRUST BLOCKING SHALL BE PLACED AT ALL BENDS, TEES, DEAD ENDS, CROSSES AND AS DESIGNATED BY THE PUBLIC WORKS DIRECTOR. REFERENCE CITY STANDARD PLANS U-WAT-11, U-WAT-12 AND U-WAT13. BLOCKING SHALL BE POURED IN PLACE AND CURED AGAINST APPROVED FORMS AND NATIVE CUT SLOPES. ALL BLOCKING SHALL BE INSPECTED AND APPROVED PRIOR TO BACK FILL.
4. FIRE HYDRANTS SHALL CONFORM TO 9-30.5 OF THE MOST CURRENT ADDITION OF THE STANDARD SPECIFICATIONS, AWWA C502, AWWA 110, AWWA C111, NFPA 24 AND APPLICABLE CITY SPECIFICATIONS AND STANDARDS. REFERENCE CITY STANDARD PLAN F-1.
5. WITHIN THE CITY RIGHT-OF-WAY AND ON PRIVATE PROPERTY, 2-INCH AND SMALLER WATER SERVICE(S) SHALL BE INSTALLED PER STANDARD SPECIFICATION 9-30.6, THE APPROVED PLANS AND CITY STANDARD PLANS U-WAT-1 AND U-WAT-2. ALL SERVICES, UNLESS SPECIFIED, SHALL BE INSTALLED BY A CITY-APPROVED CONTRACTOR. THE 3-INCH AND LARGER SERVICES SHALL BE INSTALLED PER THE APPROVED PLANS, STANDARD SPECIFICATIONS AND CITY STANDARD 5-3. TAPS ON EXISTING MAINS SHALL BE DONE HOT UNLESS APPROVED BY THE CITY INSPECTOR.
6. A 12-GAUGE TRACER WIRE SHALL BE INSTALLED FOR ALL PLASTIC PIPE AS REQUIRED BY THE CITY PUBLIC WORKS INSPECTOR. TRACER TAPE IS NOT AN ACCEPTABLE ALTERNATIVE TO TRACER WIRE. SEE DETAIL ST-TRE-3 FOR WIRE AND TAPE REQUIREMENTS.
7. VALVE BOXES SHALL CONFORM TO WSDOT SPEC. 9-30.3(4) AND LYNNWOOD STANDARD PLAN U-WAT-14.
8. TRENCH BACKFILL SHALL BE PLACED PER CITY STANDARD PLAN ST-TRE-3.
9. ALL WATER MAINS TO MAINTAIN A MINIMUM COVER OF 36 INCHES BELOW FINISH GRADE; 12 INCHES MINIMUM SEPARATION IS REQUIRED BETWEEN UTILITIES CROSSING PERPENDICULARLY, (18 INCHES FOR SANITARY SEWER). AT NO POINT SHOULD THESE DEPTHS EXCEED 6 FEET EXCEPT WHEN SPECIFICALLY APPROVED ON THE PLANS OR BY THE CITY PUBLIC WORKS INSPECTOR.
10. EXISTING WATER SERVICE LINES BETWEEN THE METER SETTER AND THE POINT OF CONNECTION THAT WILL BE REUSED FOR NEW CONSTRUCTION SHALL BE TYPE K COPPER PIPE OR AS APPROVED BY THE CITY.
11. ALL RETIRED WATER MAINS SHALL BE ABANDONED PER WSDOT 7-08.3(4).
12. ALL PIPE IS TO BE LAID AT TRUE LINE AND GRADE UNLESS OTHERWISE APPROVED BY THE CITY OF LYNNWOOD. AT NO TIME SHALL THE MAXIMUM PIPE DEFLECTION EXCEED THE MANUFACTURER'S REQUIREMENTS. THE MAXIMUM PERMISSIBLE DEFLECTION PER STICK IS AS FOLLOWS:

PIPE DIAMETER	MAX DEFLECTION PER 18 FEET
4 INCHES _____	21 INCHES
6 INCHES _____	19 INCHES
8 INCHES _____	19 INCHES
10 INCHES _____	19 INCHES
12 INCHES _____	19 INCHES

13. COMPACTION TESTING FOR TRENCHES SHALL BE PER GRADING STANDARD SPECIFICATIONS.

May 09, 2023 12:22:4pm seen.delavarpour X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 WA.dwg Layout Name: WA1



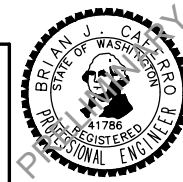
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LYNNWOOD
WASHINGTON

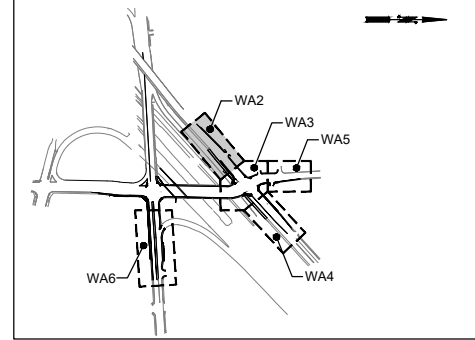
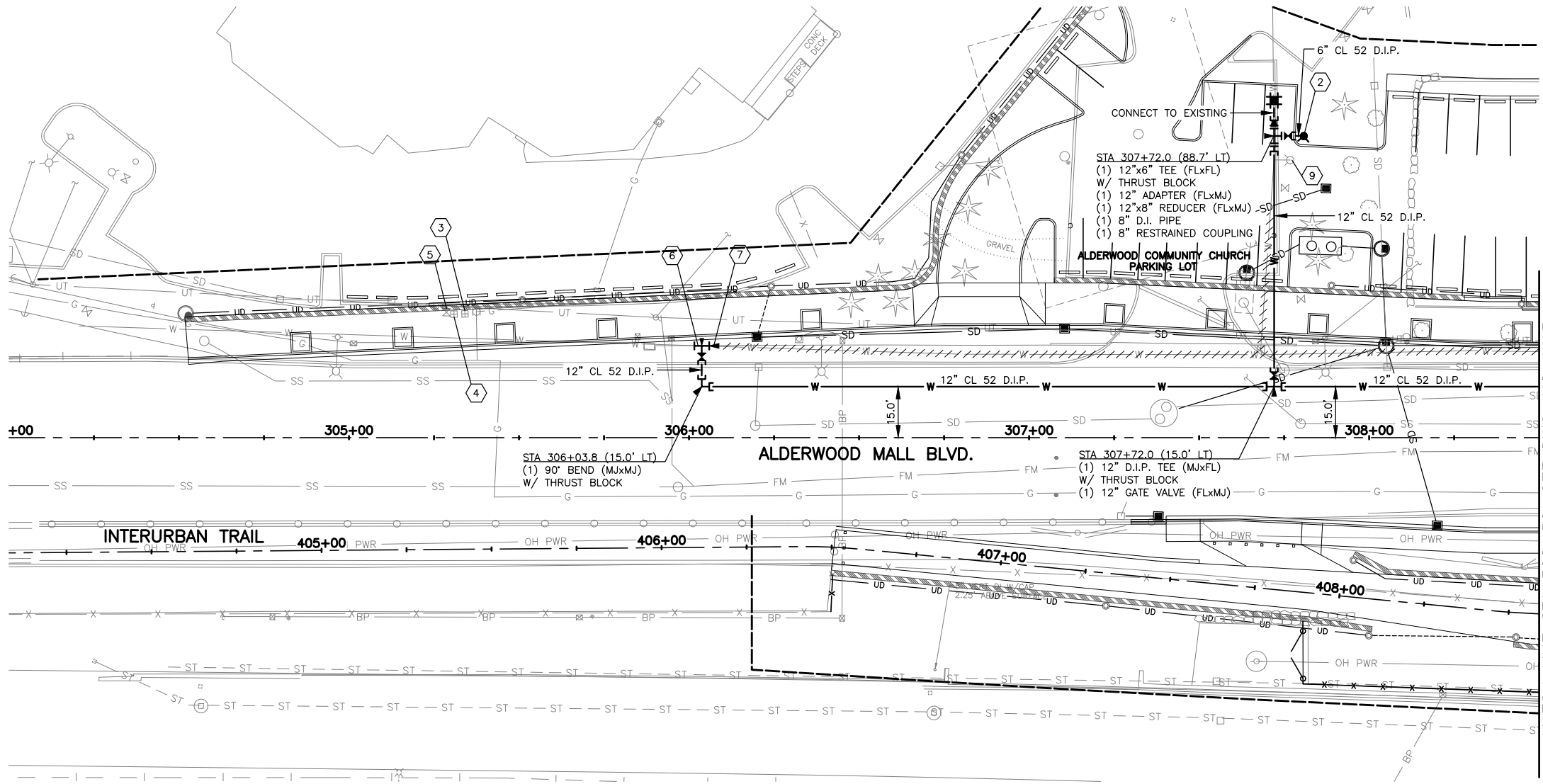


Drawn By	Date
S. DELAVARPOUR	5/2023
Designed By	
B. CAFERRO	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

SCALE	
Horiz	NONE
Vert	NONE
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
WATER NOTES

Drawing No.	WA1
Sheet No.	X
of Total	X



KEY MAP
NTS

CONSTRUCTION NOTES:

- 1 INSTALL WATER SERVICE, PER CITY OF LYNNWOOD STD. PLAN U-WAT-1 OR U-WAT-2.
- 2 INSTALL FIRE HYDRANT ASSEMBLY, PER CITY OF LYNNWOOD STD. PLAN F-1.
- 3 REPLACE EXISTING METER AND METER BOX WITH NEW METER AND METER BOX, PER CITY OF LYNNWOOD STD. PLAN U-WAT-1 OR U-WAT-2.
- 4 REPLACE EXISTING DOUBLE CHECK VALVE ASSEMBLY WITH NEW DOUBLE CHECK VALVE ASSEMBLY, PER CITY OF LYNNWOOD STD. PLAN U-WAT-6.
- 5 REPLACE EXISTING VALVE CAN WITH NEW VALVE CAN. INSTALL VALVE OPERATING NUT EXTENSION, PER CITY OF LYNNWOOD STD. PLAN U-WAT-15.
- 6 TAPPING TEE AND VALVE ASSEMBLY 12 IN. DIAM., PER CITY OF LYNNWOOD STD. PLAN U-WAT-16.
- 7 PLUG/CAP AND THRUST BLOCK TO BE INSTALLED AFTER EXISTING WATER MAIN IS ABANDONED OR REMOVED FOLLOWING ACTIVATION OF NEW WATER MAIN.
- 8 INSTALL PLUG/CAP AND THRUST BLOCK AT END OF WATER MAIN.
- 9 REMOVE FIRE HYDRANT ASSEMBLY.
- 10 REMOVE EXISTING METER AND METER BOX.
- 11 REMOVE EXISTING DOUBLE CHECK VALVE ASSEMBLY.
- 12 INSTALL DOUBLE CHECK VALVE ASSEMBLY, PER CITY OF LYNNWOOD STD. PLANS U-WAT-6 AND U-WAT-8.
- 13 ADJUST WATER VALVE TO GRADE.
- 14 ADJUST WATER METER TO GRADE.
- 15 REMOVE EXISTING WATER METER AND METER BOX. REPLACE WITH NEW WATER METER AND METER BOX AND LOCATE THEM AT BACK OF SIDEWALK. INSTALL NEW WATER METER, PER C.O.L. STD. PLAN U-WAT-1 OR U-WAT-2.

GENERAL NOTES:

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2. ALL THRUST BLOCKING SHALL CONFORM TO CITY OF LYNNWOOD STD. PLAN U-WAT-11 AND U-WAT-13.

LEGEND

- PLUG & ABANDON EXISTING WATER MAIN
- PROPOSED WATER MAIN
- FIRE HYDRANT
- WATER METER
- THRUST BLOCKING
- GATE VALVE
- MECHANICAL JOINT
- FLANGE JOINT
- DOUBLE CHECK VALVE ASSEMBLY (DCVA)
- REDUCER
- RESTRAINED COUPLING

NAV88
DATUM

SCALE
20 0 20 40
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LYNNWOOD WASHINGTON



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Designed By	
B. CAFERRO	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

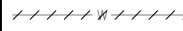
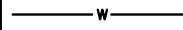









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Vert NONE
Project Number 20100156

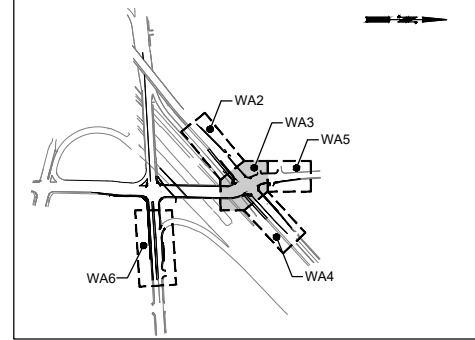
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
B.O.P. TO STA 308+50
WATER RELOCATION PLAN

Drawing No.	WA2
Sheet No.	X
of Total	X

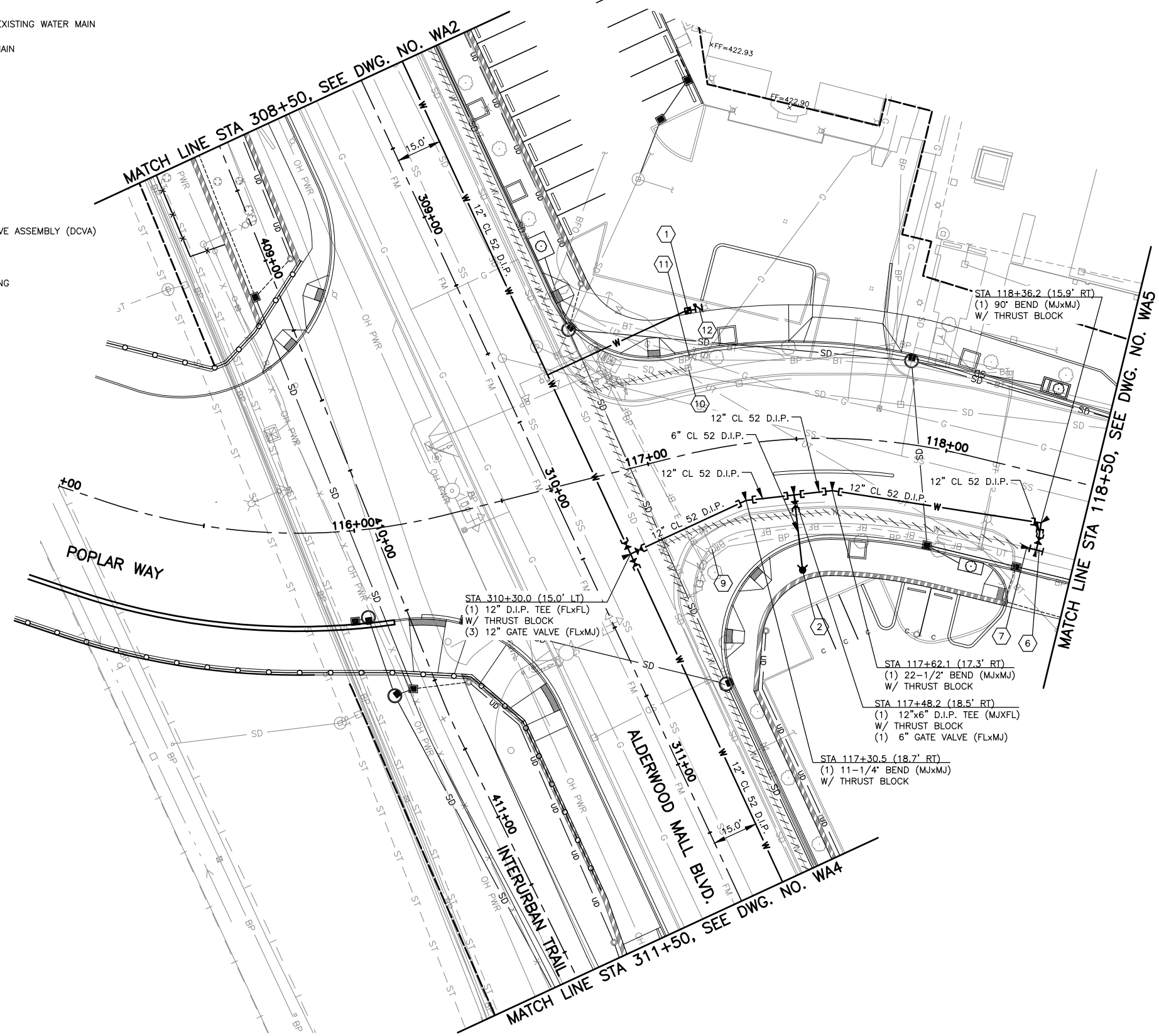
No.	Date	Revision	By	Appr.

LEGEND

-  PLUG & ABANDON EXISTING WATER MAIN
-  PROPOSED WATER MAIN
-  FIRE HYDRANT
-  WATER METER
-  THRUST BLOCKING
-  GATE VALVE
-  MECHANICAL JOINT
-  FLANGE JOINT
-  DOUBLE CHECK VALVE ASSEMBLY (DCVA)
-  REDUCER
-  RESTRAINED COUPLING



KEY MAP
NTS



CONSTRUCTION NOTES:

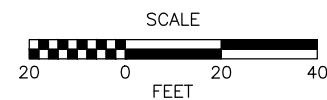
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GENERAL NOTES:

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2. ALL THRUST BLOCKING SHALL CONFORM TO CITY OF LYNNWOOD STD. PLAN U-WAT-11 AND U-WAT-13.



DATUM



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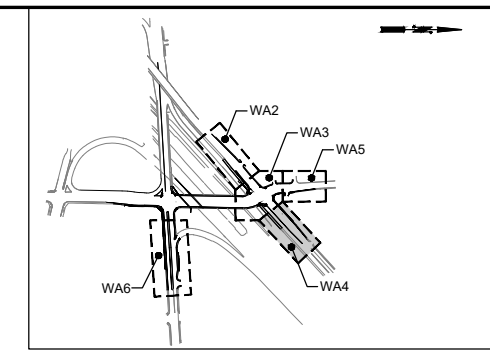
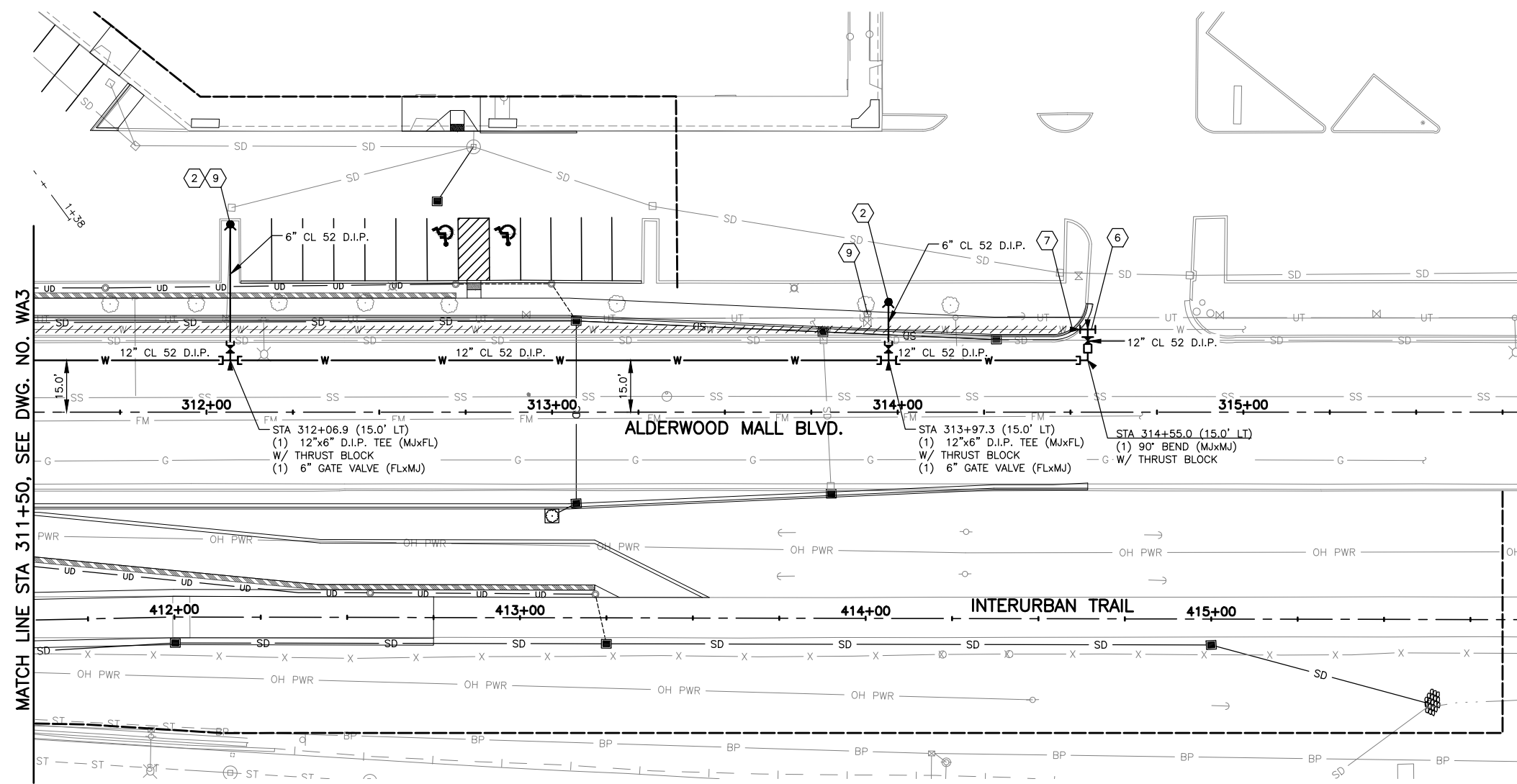


Drawn By	S. DELAVARPOUR	Date	5/2023
Designed By	B. CAFERRO	Checked By	V. WEN
Checked By	V. WEN	Approved By	V. WEN
Project Number	20100156		

SCALE	1"=20'
Horiz	1"=20'
Vert	NONE
Project Number	20100156

CITY OF LYNNWOOD
**POPLAR WAY EXTENSION BRIDGE
STA 115+00 TO STA 118+50
WATER RELOCATION PLAN**

Drawing No.	WA3
Sheet No.	X
of Total	X



KEY MAP
NTS

CONSTRUCTION NOTES:

- 1 INSTALL WATER SERVICE, PER CITY OF LYNNWOOD STD. PLAN U-WAT-1 OR U-WAT-2.
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- PROPOSED WATER MAIN
- FIRE HYDRANT
- WATER METER
- THRUST BLOCKING
- GATE VALVE
- MECHANICAL JOINT
- FLANGE JOINT
- DOUBLE CHECK VALVE ASSEMBLY (DCVA)
- REDUCER
- RESTRAINED COUPLING

GENERAL NOTES:

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SCALE
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FEET

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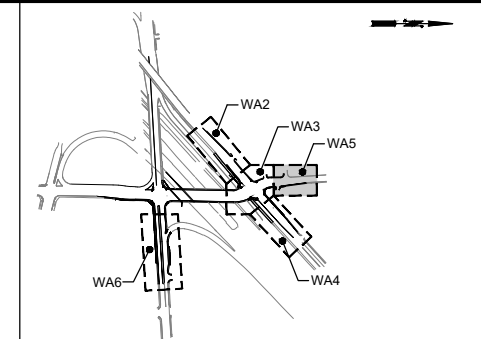
Drawn By S. DELAVARPOUR	Date 5/2023
Designed By B. CAFERRO	Date 5/2023
Checked By V. WEN	Date 5/2023
Approved By V. WEN	Date 5/2023

SCALE
Horiz 1"=20'
Vert NONE
Project Number 20100156

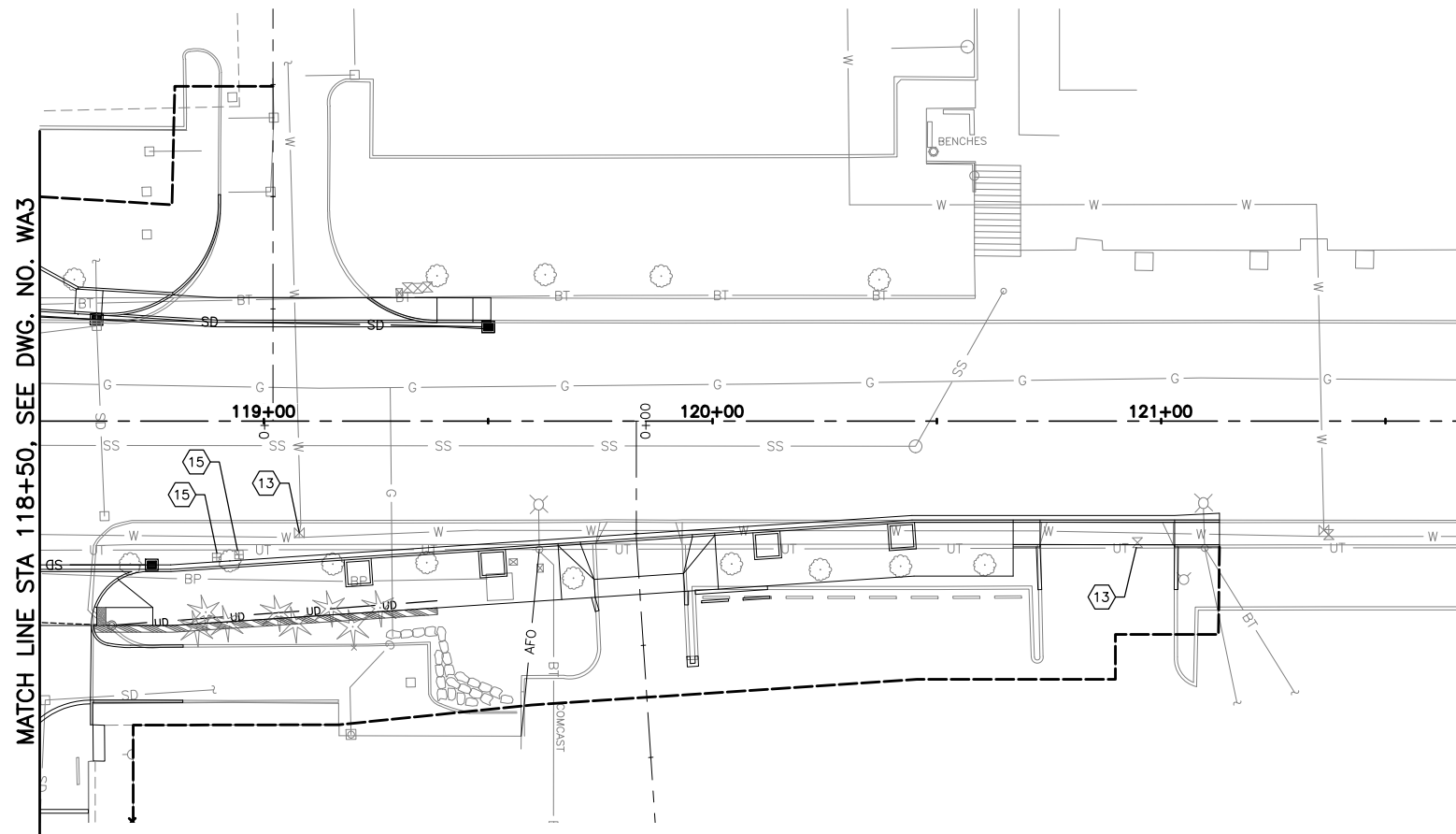
CITY OF LYNNWOOD

**POPLAR WAY EXTENSION BRIDGE
STA 311+50 TO E.O.P.
WATER RELOCATION PLAN**

Drawing No. WA4
Sheet No. X X
of Total of 2



KEY MAP
NTS



CONSTRUCTION NOTES:

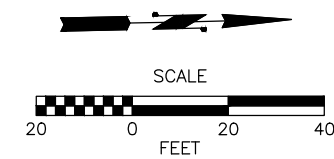
- 1 INSTALL WATER SERVICE, PER CITY OF LYNNWOOD STD. PLAN U-WAT-1 OR U-WAT-2.
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- 13 ADJUST WATER VALVE TO GRADE.
- 14 ADJUST WATER METER TO GRADE.
- 15 REMOVE EXISTING WATER METER AND METER BOX. REPLACE WITH NEW WATER METER AND METER BOX AND LOCATE THEM AT BACK OF SIDEWALK. INSTALL NEW WATER METER, PER C.O.L. STD. PLAN U-WAT-1 OR U-WAT-2.

LEGEND

- PLUG & ABANDON EXISTING WATER MAIN
- PROPOSED WATER MAIN
- FIRE HYDRANT
- WATER METER
- THRUST BLOCKING
- GATE VALVE
- MECHANICAL JOINT
- FLANGE JOINT
- DOUBLE CHECK VALVE ASSEMBLY (DCVA)
- REDUCER
- RESTRAINED COUPLING

GENERAL NOTES:

1. ALL WATER METERS AND DOUBLE CHECK VALVE ASSEMBLIES TO BE PLACED BEHIND THE BACK OF SIDEWALK. WHERE THERE ARE OBSTRUCTIONS, SUCH AS WALLS, THE WATER METERS AND DOUBLE CHECK VALVE ASSEMBLIES CAN BE PLACED IN THE SIDEWALK. USE ADA SLIP RESISTANT LIDS FOR ALL METER BOXES, DOUBLE CHECK VALVE ASSEMBLIES AND VALVES WHEN LOCATED IN THE SIDEWALK.
2. ALL THRUST BLOCKING SHALL CONFORM TO CITY OF LYNNWOOD STD. PLAN U-WAT-11 AND U-WAT-13.



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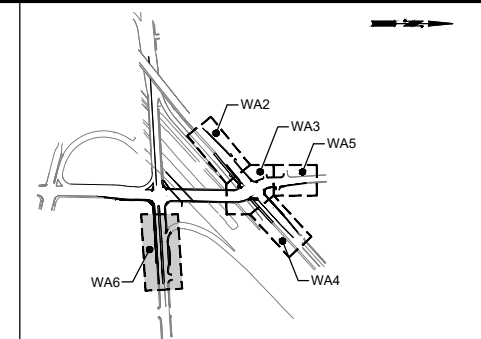
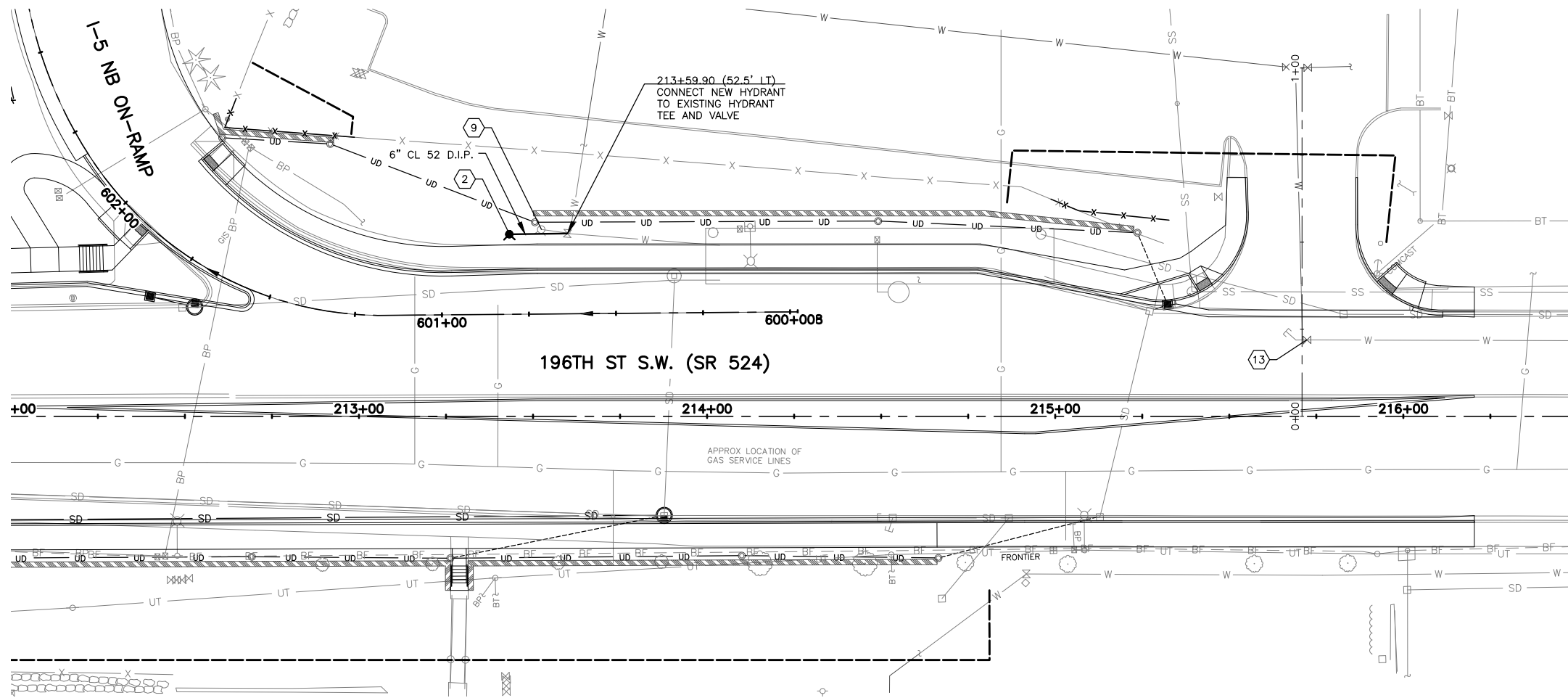


Drawn By: S. DELAVARPOUR Date: 5/2023
Designed By: B. CAFARRO Date: 5/2023
Checked By: V. WEN Date: 5/2023
Approved By: V. WEN Date: 5/2023

SCALE
Horiz: 1"=20'
Vert: NONE
Project Number: 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 118+50 TO E.O.P.
WATER RELOCATION PLAN

Drawing No. **WA5**
Sheet No. X
of Total X



CONSTRUCTION NOTES:

- 1 INSTALL WATER SERVICE, PER CITY OF LYNNWOOD STD. PLAN U-WAT-1 OR U-WAT-2.
- 2 INSTALL FIRE HYDRANT ASSEMBLY, PER CITY OF LYNNWOOD STD. PLAN F-1.
- 3 REPLACE EXISTING METER AND METER BOX WITH NEW METER AND METER BOX, PER CITY OF LYNNWOOD STD. PLAN U-WAT-1 OR U-WAT-2.
- 4 REPLACE EXISTING DOUBLE CHECK VALVE ASSEMBLY WITH NEW DOUBLE CHECK VALVE ASSEMBLY, PER CITY OF LYNNWOOD STD. PLAN U-WAT-6.
- 5 REPLACE EXISTING VALVE CAN WITH NEW VALVE CAN. INSTALL VALVE OPERATING NUT EXTENSION, PER CITY OF LYNNWOOD STD. PLAN U-WAT-15.
- 6 TAPPING TEE AND VALVE ASSEMBLY 12 IN. DIAM., PER CITY OF LYNNWOOD STD. PLAN U-WAT-16.
- 7 PLUG/CAP AND THRUST BLOCK TO BE INSTALLED AFTER EXISTING WATER MAIN IS ABANDONED OR REMOVED FOLLOWING ACTIVATION OF NEW WATER MAIN.
- 8 INSTALL PLUG/CAP AND THRUST BLOCK AT END OF WATER MAIN.
- 9 REMOVE FIRE HYDRANT ASSEMBLY.
- 10 REMOVE EXISTING METER AND METER BOX.
- 11 REMOVE EXISTING DOUBLE CHECK VALVE ASSEMBLY.
- 12 INSTALL DOUBLE CHECK VALVE ASSEMBLY, PER CITY OF LYNNWOOD STD. PLANS U-WAT-6 AND U-WAT-8.
- 13 ADJUST WATER VALVE TO GRADE.
- 14 ADJUST WATER METER TO GRADE.
- 15 REMOVE EXISTING WATER METER AND METER BOX. REPLACE WITH NEW WATER METER AND METER BOX AND LOCATE THEM AT BACK OF SIDEWALK. INSTALL NEW WATER METER, PER C.O.L. STD. PLAN U-WAT-1 OR U-WAT-2.

LEGEND

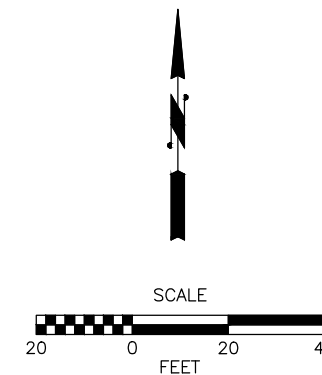
- PLUG & ABANDON EXISTING WATER MAIN
- PROPOSED WATER MAIN
- FIRE HYDRANT
- WATER METER
- THRUST BLOCKING
- GATE VALVE
- MECHANICAL JOINT
- FLANGE JOINT
- DOUBLE CHECK VALVE ASSEMBLY (DCVA)
- REDUCER
- RESTRAINED COUPLING

GENERAL NOTES:

1. ALL WATER METERS AND DOUBLE CHECK VALVE ASSEMBLIES TO BE PLACED BEHIND THE BACK OF SIDEWALK. WHERE THERE ARE OBSTRUCTIONS, SUCH AS WALLS, THE WATER METERS AND DOUBLE CHECK VALVE ASSEMBLIES CAN BE PLACED IN THE SIDEWALK. USE ADA SLIP RESISTANT LIDS FOR ALL METER BOXES, DOUBLE CHECK VALVE ASSEMBLIES AND VALVES WHEN LOCATED IN THE SIDEWALK.
2. ALL THRUST BLOCKING SHALL CONFORM TO CITY OF LYNNWOOD STD. PLAN U-WAT-11 AND U-WAT-13.



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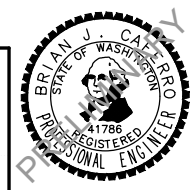
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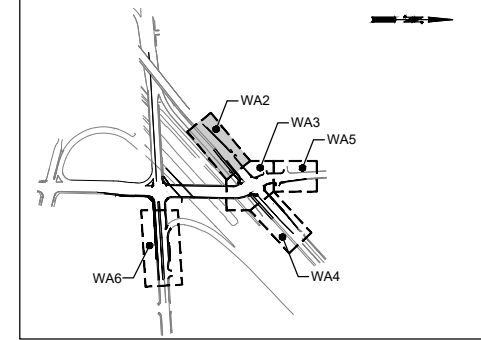


Drawn By	Date
S. DELAVARPOUR	5/2023
Designed By	
B. CAFERRO	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

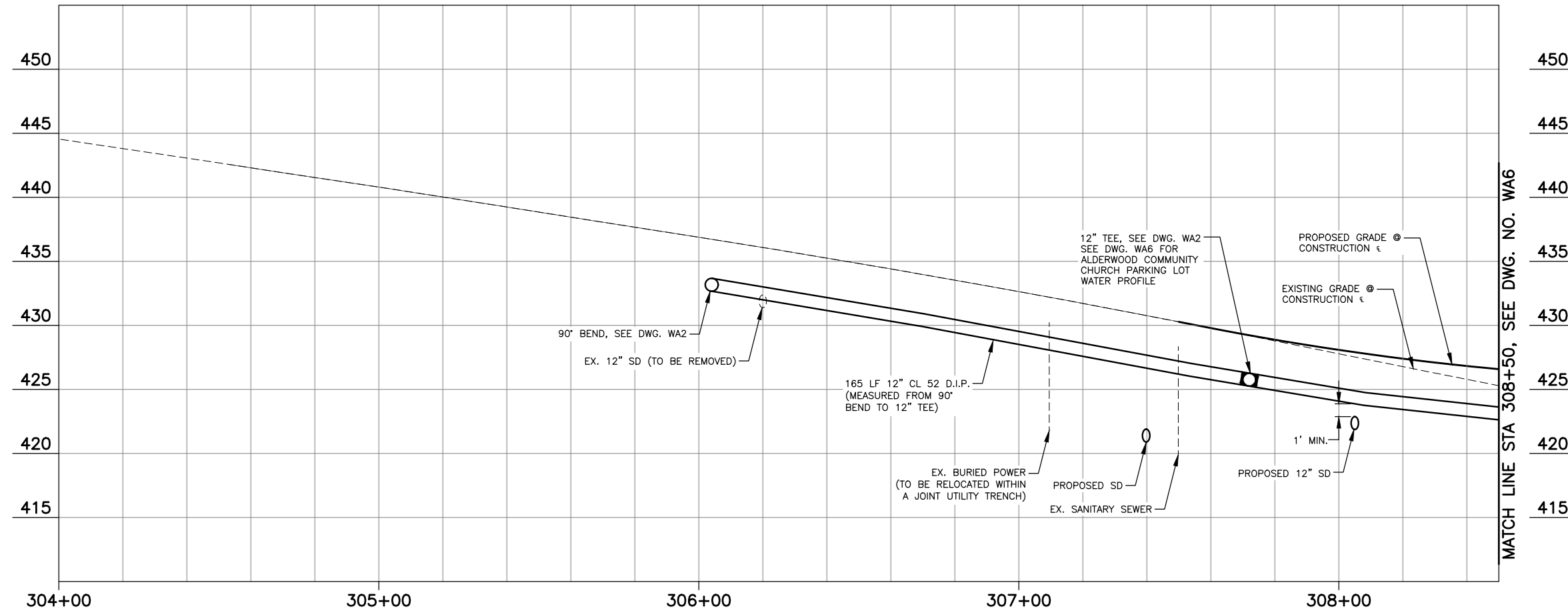
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Vert NONE
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 212+00 TO E.O.P.
WATER RELOCATION PLAN

Drawing No.	WA6
Sheet No.	X
of Total	X



KEY MAP
NTS



MATCH LINE STA 308+50, SEE DWG. NO. WA6

ALDERWOOD MALL BLVD



- GENERAL NOTES:**
1. PROPOSED WATER LINE ELEVATIONS AND VERTICAL DEFLECTION LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL INSTALL WATER LINES WITH 1' MINIMUM VERTICAL SEPARATION FROM OTHER UTILITIES AND 18" FROM SANITARY SEWER.
 2. WATER LINES SHALL BE 3.0' TO 6.0' DEEP. UNLESS SHOWN OTHERWISE.

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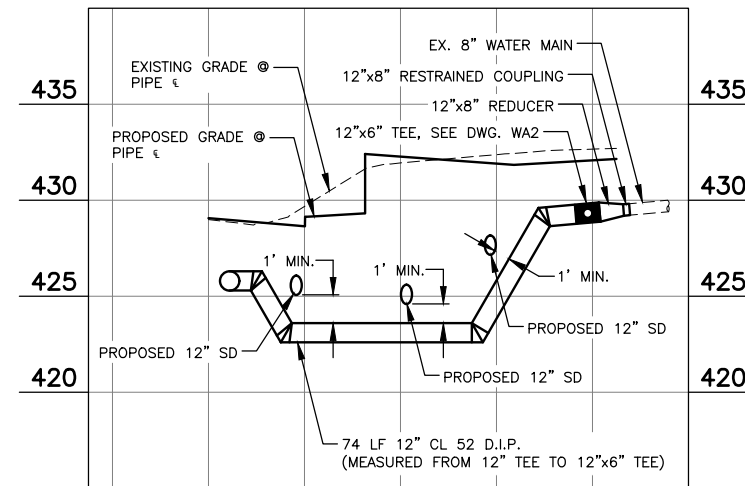
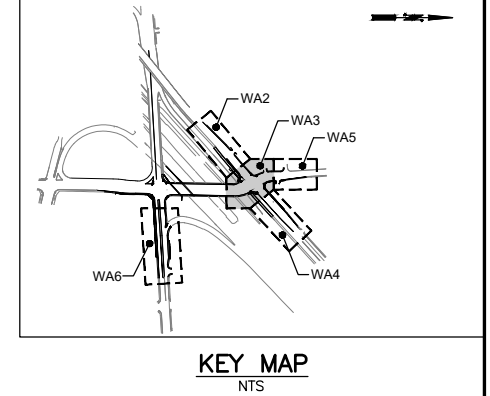
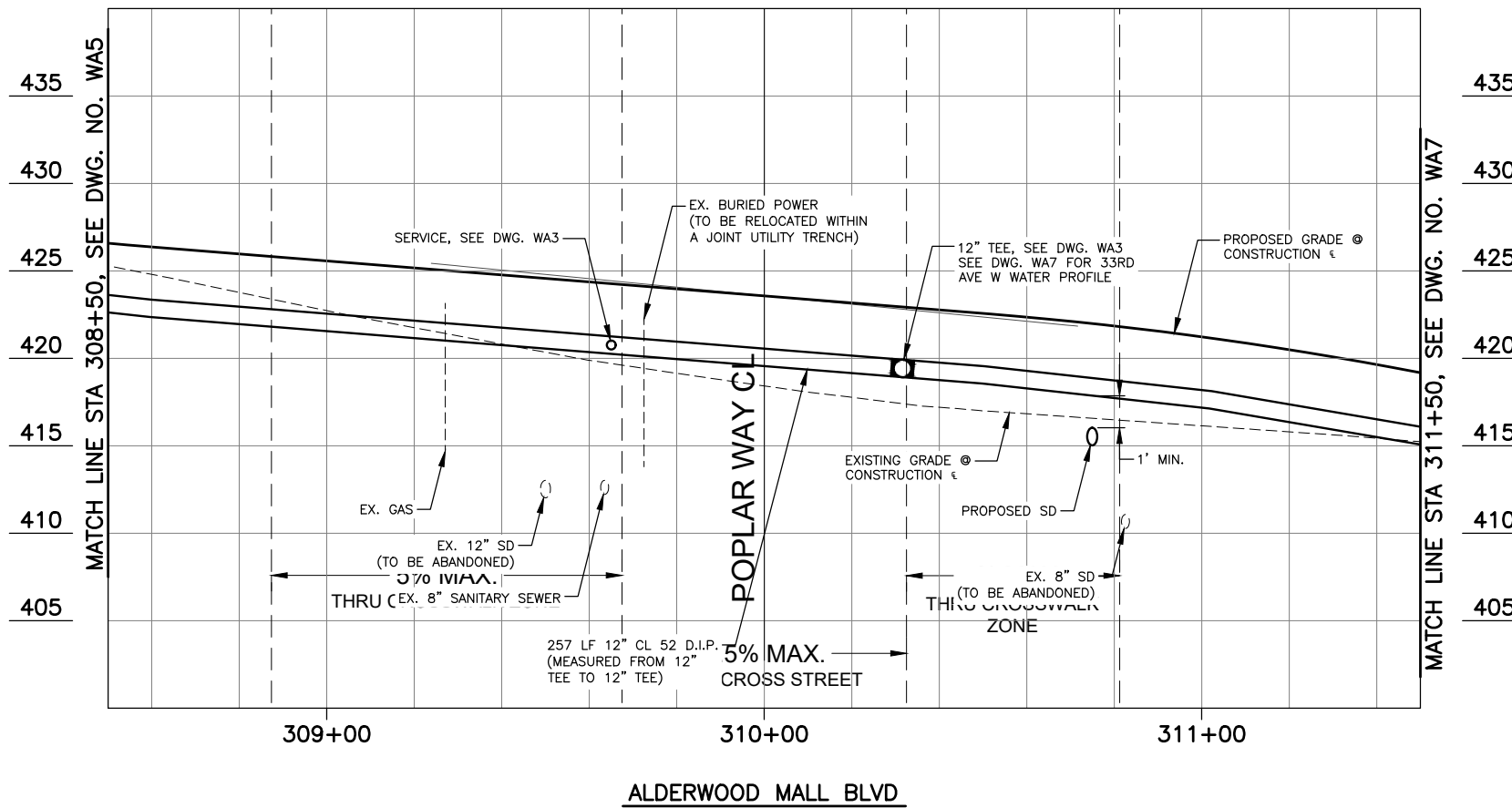


Drawn By	S. DELAVARPOUR	Date	5/2023
Designed By	B. CAFERRO	Date	5/2023
Checked By	V. WEN	Date	5/2023
Approved By	V. WEN	Date	5/2023

SCALE	Horiz	1"=20'
	Vert	1"=5'
Project Number	20100156	

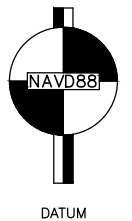
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
B.O.P. TO STA 308+50
WATER RELOCATION PROFILE

Drawing No.	WA7
Sheet No.	X
of Total	X



GENERAL NOTES:

1. PROPOSED WATER LINE ELEVATIONS AND VERTICAL DEFLECTION LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL INSTALL WATER LINES WITH 1' MINIMUM VERTICAL SEPARATION FROM OTHER UTILITIES AND 18" FROM SANITARY SEWER.
2. WATER LINES SHALL BE 3.0' TO 6.0' DEEP. UNLESS SHOWN OTHERWISE.



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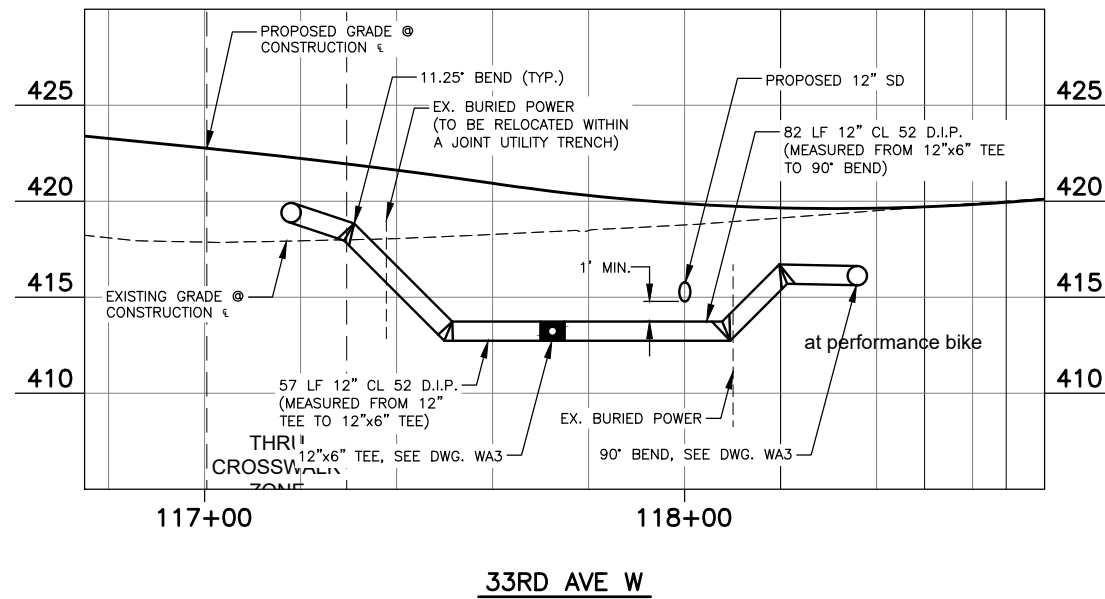
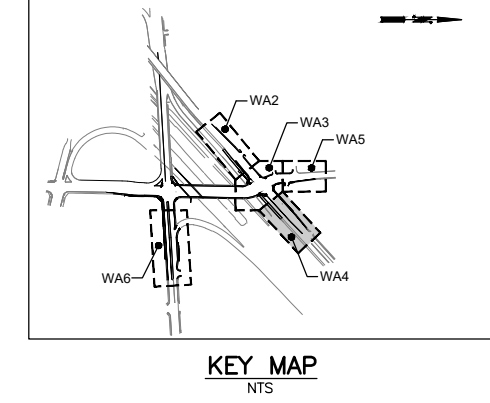
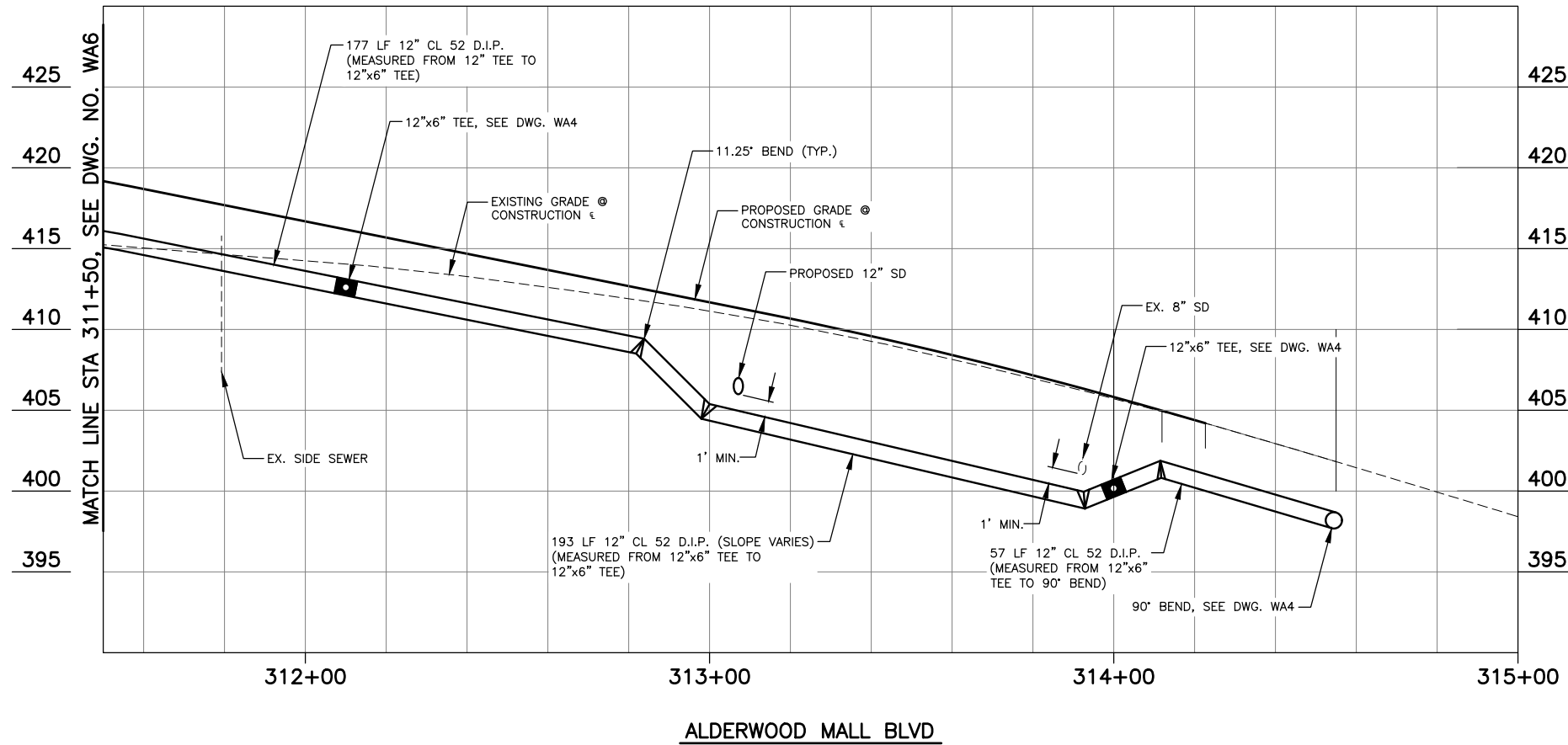


Drawn By	Date
S. DELAVARPOUR	5/2023
Designed By	
B. CAFERRO	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

SCALE
Horiz 1"=20'
Vert 1"=5'
Project Number 20100156

CITY OF LYNNWOOD
**POPLAR WAY EXTENSION BRIDGE
STA 115+00 TO STA 118+50
WATER RELOCATION PROFILE**

Drawing No.	WA8
Sheet No.	X
of Total	X



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Designed By	B. CAFERRO	Date	5/2023
Checked By	V. WEN	Date	5/2023
Approved By	V. WEN	Date	5/2023

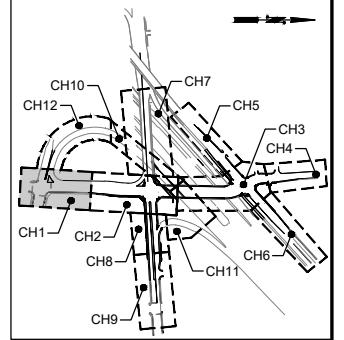
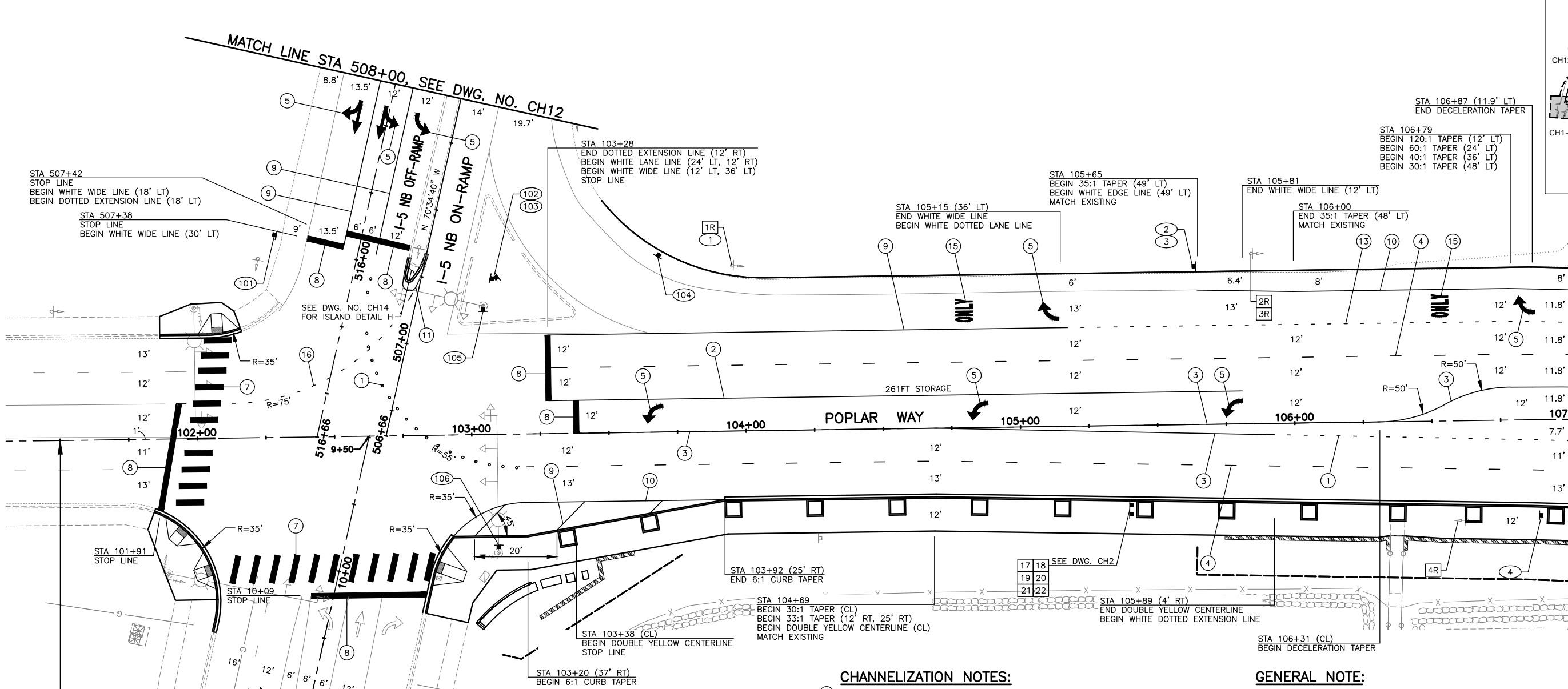
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Horiz	1"=20'
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Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 311+50 TO E.O.P.
WATER RELOCATION PROFILE

Drawing No.	WA9
Sheet No.	X
of Total	X

No.	Date	Revision	By	Appr.

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KEY MAP
NTS

BEGIN PROJECT
STA 101+50

MATCH LINE STA 107+00, SEE DWG. NO. CH2

CHANNELIZATION SYMBOL SCHEDULE		
SYMBOL	STATION	OFFSET
↩	507+83	12.0' LT
	103+67	7.0' LT
	104+85	6.4' LT
	105+78	6.0' LT
↪	105+12	42.0' LT
	106+85	41.8' LT
↔	507+83	24.0' LT
	507+83	37.0' LT
▬▬▬	104+83	43.0' LT
	106+56	42.3' LT

CHANNELIZATION NOTES:

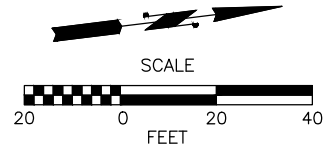
- ① RPM WHITE DOTTED EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
- ② RPM WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
- ③ RPM DOUBLE YELLOW CENTERLINE, PER WSDOT STD. PLAN M-20.50-02.
- ④ RPM WHITE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
- ⑤ MMA TRAFFIC ARROW, PER WSDOT STD. PLAN M-24.40-02.
- ⑥ COMPACT STALL PAVEMENT MARKING SEE DETAIL DWG. NO CH5.
- ⑦ MMA CROSSWALK, PER WSDOT STD. PLAN M-15.10-01.
- ⑧ MMA STOP LINE, PER WSDOT STD. PLAN M-24.60-04.
- ⑨ MMA WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.10-04.
- ⑩ PAINTED WHITE EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
- ⑪ PAINTED YELLOW EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
- ⑫ CHEVRON MARKING, PER WSDOT STD. PLAN M-2.20-03.
- ⑬ RPM WHITE WIDE DOTTED LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
- ⑭ PAINTED WHITE LINE 4" WIDE, PER WSDOT STD. PLAN M-17.10-02.
- ⑮ MMA WHITE TRAFFIC LETTERS, PER WSDOT STD. PLAN M-80.10-01.
- ⑯ RPM DOTTED YELLOW EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
- ⑰ ACCESS PARKING SPACE SYMBOL PER WSDOT STD. PLAN M-24.60-4.

GENERAL NOTE:

1. SEE DWG. NO. CH15 AND CH16 FOR SIGN SCHEDULE.
2. PROTECT AND MAINTAIN ALL SIGNS NOT DESIGNATED FOR REMOVAL OR RELOCATION.

SIGN LEGEND

- (X) - NEW SIGN
- XXR - REMOVE EXISTING SIGN
- XX (NEW LOCATION) - EXISTING SIGN ASSEMBLY TO BE RELOCATED
- XX (EXISTING LOCATION)
- - NEW SIGN
- ◻ - EXISTING SIGN

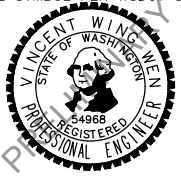


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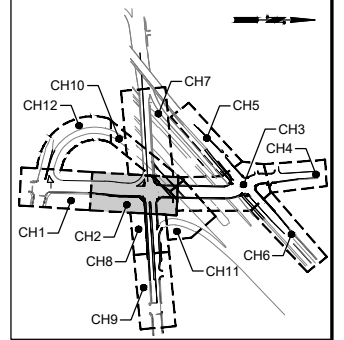
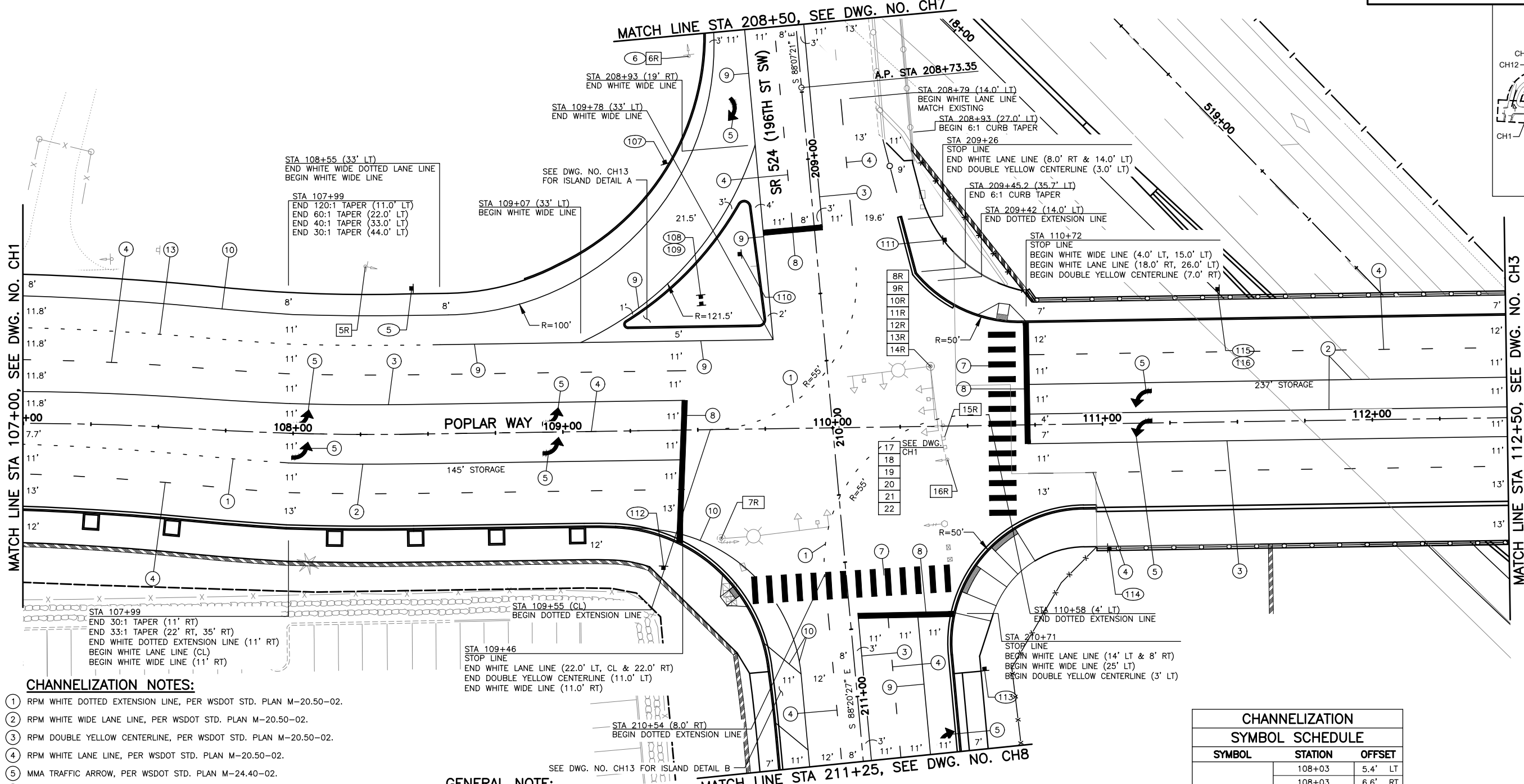
LYNNWOOD WASHINGTON



Drawn By S. DELAVARPOUR	Date 5/2023
Designed By E. BORGES	5/2023
Checked By V. WEN	5/2023
Approved By V. WEN	5/2023

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
B.O.P. TO STA 107+00
CHANNELIZATION & SIGNING PLAN

Drawing No. CH1
Sheet No. X of Total



KEY MAP
NTS

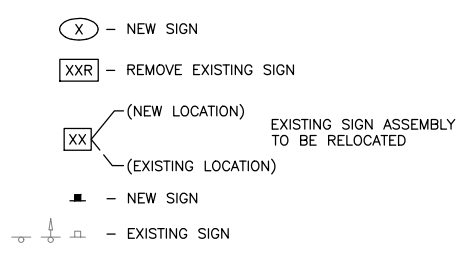
CHANNELIZATION NOTES:

- ① RPM WHITE DOTTED EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
- ② RPM WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
- ③ RPM DOUBLE YELLOW CENTERLINE, PER WSDOT STD. PLAN M-20.50-02.
- ④ RPM WHITE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
- ⑤ MMA TRAFFIC ARROW, PER WSDOT STD. PLAN M-24.40-02.
- ⑥ COMPACT STALL PAVEMENT MARKING SEE DETAIL DWG. NO CH5.
- ⑦ MMA CROSSWALK, PER WSDOT STD. PLAN M-15.10-01.
- ⑧ MMA STOP LINE, PER WSDOT STD. PLAN M-24.60-04.
- ⑨ MMA WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.10-04.
- ⑩ PAINTED WHITE EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
- ⑪ PAINTED YELLOW EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
- ⑫ CHEVRON MARKING, PER WSDOT STD. PLAN M-2.20-03.
- ⑬ RPM WHITE WIDE DOTTED LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
- ⑭ PAINTED WHITE LINE 4" WIDE, PER WSDOT STD. PLAN M-17.10-02.
- ⑮ MMA WHITE TRAFFIC LETTERS, PER WSDOT STD. PLAN M-80.10-01.
- ⑯ RPM DOTTED YELLOW EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
- ⑰ ACCESS PARKING SPACE SYMBOL PER WSDOT STD. PLAN M-24.60.-4.

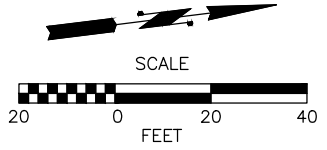
GENERAL NOTE:

1. SEE DWG. NO. CH15 AND CH16 FOR SIGN SCHEDULE.
2. PROTECT AND MAINTAIN ALL SIGNS NOT DESIGNATED FOR REMOVAL OR RELOCATION.

SIGN LEGEND



CHANNELIZATION SYMBOL SCHEDULE		
SYMBOL	STATION	OFFSET
↩	108+03	5.4' LT
	108+03	6.6' RT
	108+96	5.5' RT
	108+96	5.5' LT
	111+15	1.5' RT
↪	111+15	9.5' LT
	208+83	28.0' RT
	211+20	30.0' LT



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LYNNWOOD WASHINGTON



Drawn By S. DELAVARPOUR Date 5/2023
Designed By E. BORGES Date 5/2023
Checked By V. WEN Date 5/2023
Approved By V. WEN Date 5/2023

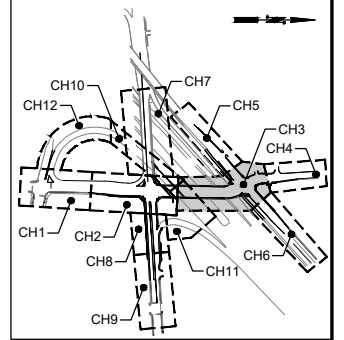
SCALE
Horiz 1"=20'
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Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 107+00 TO STA 112+50
CHANNELIZATION & SIGNING PLAN

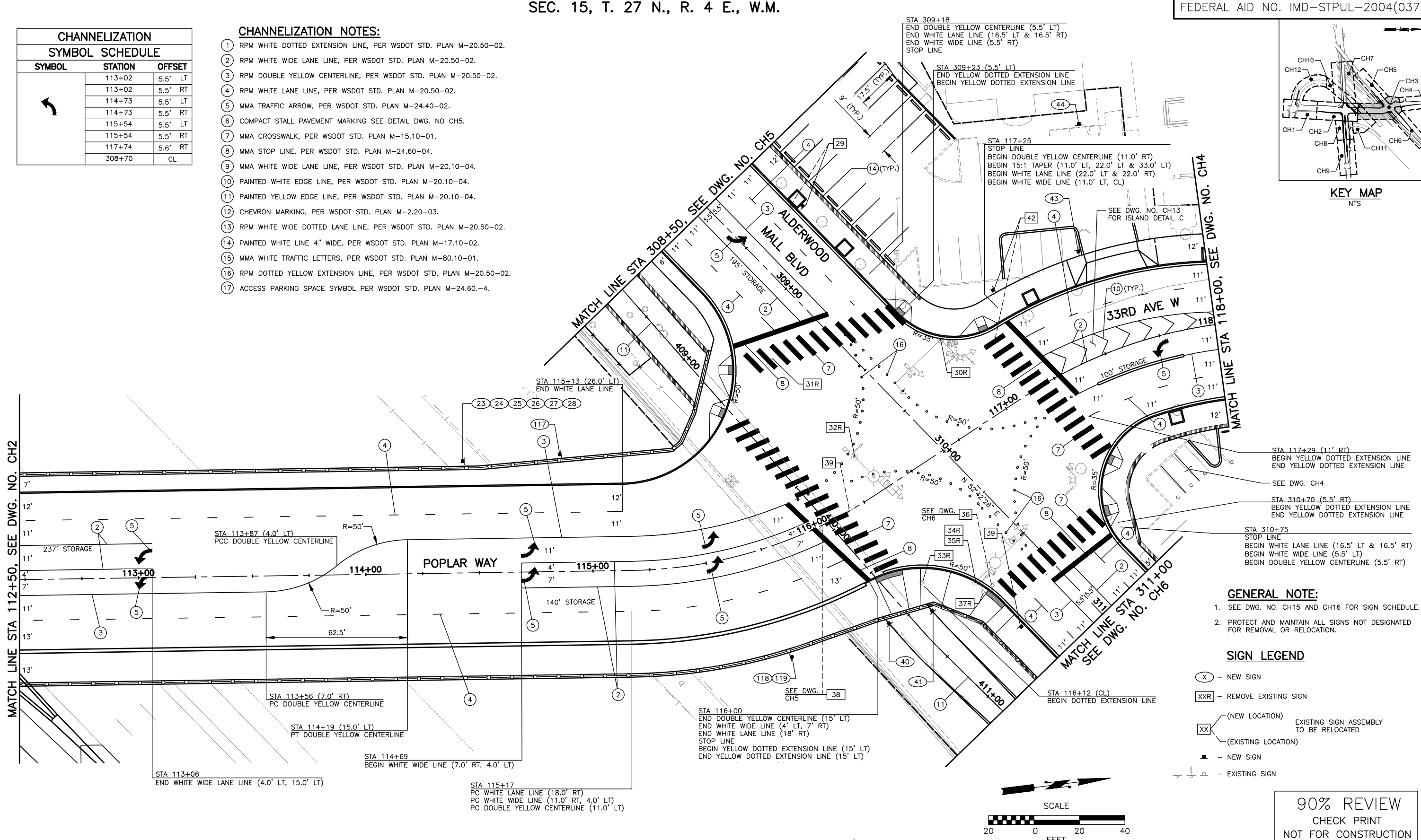
Drawing No. CH2
Sheet No. X of Total

CHANNELIZATION SYMBOL SCHEDULE		
SYMBOL	STATION	OFFSET
	113+02	5.5' LT
	113+02	5.5' RT
	114+73	5.5' LT
	114+73	5.5' RT
	115+54	5.5' LT
	115+54	5.5' RT
	117+74	5.6' RT
	308+70	CL

- CHANNELIZATION NOTES:**
- RPM WHITE DOTTED EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
 - RPM WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
 - RPM DOUBLE YELLOW CENTERLINE, PER WSDOT STD. PLAN M-20.50-02.
 - RPM WHITE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
 - MMA TRAFFIC ARROW, PER WSDOT STD. PLAN M-24.40-02.
 - COMPACT STALL PAVEMENT MARKING SEE DETAIL DWG. NO CH5.
 - MMA CROSSWALK, PER WSDOT STD. PLAN M-15.10-01.
 - MMA STOP LINE, PER WSDOT STD. PLAN M-24.60-04.
 - MMA WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.10-04.
 - PAINTED WHITE EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
 - PAINTED YELLOW EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
 - CHEVRON MARKING, PER WSDOT STD. PLAN M-2.20-03.
 - RPM WHITE WIDE DOTTED LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
 - PAINTED WHITE LINE 4" WIDE, PER WSDOT STD. PLAN M-17.10-02.
 - MMA WHITE TRAFFIC LETTERS, PER WSDOT STD. PLAN M-80.10-01.
 - RPM DOTTED YELLOW EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
 - ACCESS PARKING SPACE SYMBOL PER WSDOT STD. PLAN M-24.60-4.

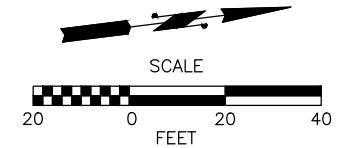


KEY MAP
NTS



- GENERAL NOTE:**
- SEE DWG. NO. CH15 AND CH16 FOR SIGN SCHEDULE.
 - PROTECT AND MAINTAIN ALL SIGNS NOT DESIGNATED FOR REMOVAL OR RELOCATION.

- SIGN LEGEND**
- (X) - NEW SIGN
 - (XXR) - REMOVE EXISTING SIGN
 - (XX) (NEW LOCATION) - EXISTING SIGN ASSEMBLY TO BE RELOCATED
 - (XX) (EXISTING LOCATION) - EXISTING SIGN ASSEMBLY TO BE RELOCATED
 - (S) - NEW SIGN
 - (S) - EXISTING SIGN



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LYNNWOOD WASHINGTON

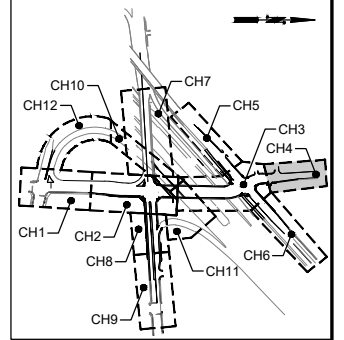
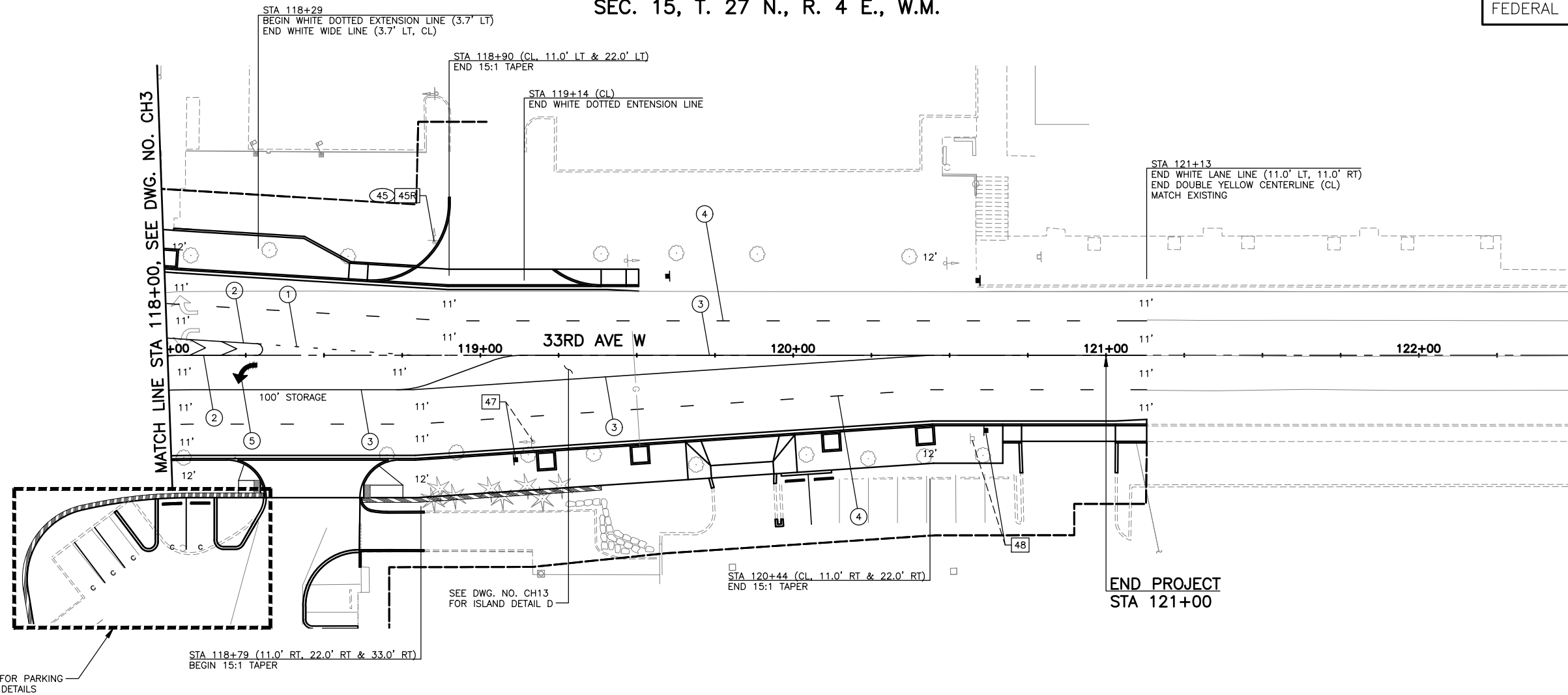


Drawn By S. DELAVARPOUR	Date 5/2023
Designed By E. BORGES	5/2023
Checked By V. WEN	5/2023
Approved By V. WEN	5/2023

SCALE	Horiz 1"=20'
Vert	1"=20'
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 112+50 TO STA 118+00
CHANNELIZATION & SIGNING PLAN

Drawing No. CH3
Sheet No. X
Total



CHANNELIZATION SYMBOL SCHEDULE		
SYMBOL	STATION	OFFSET
	118+25	5.5' RT

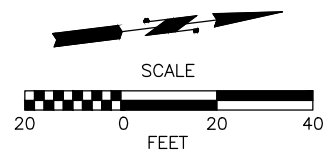
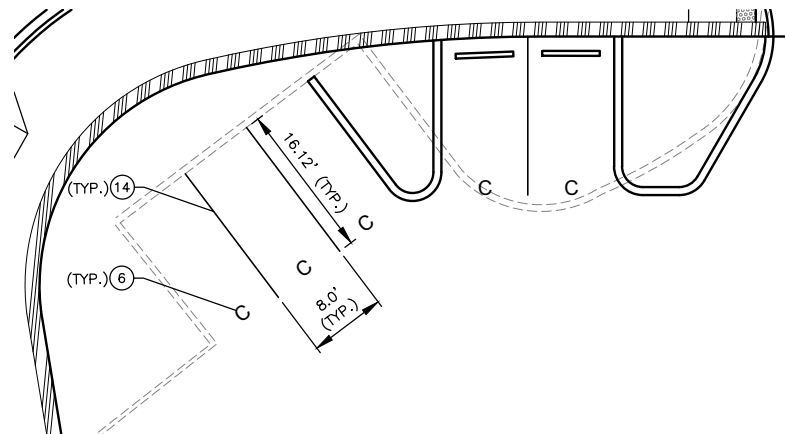
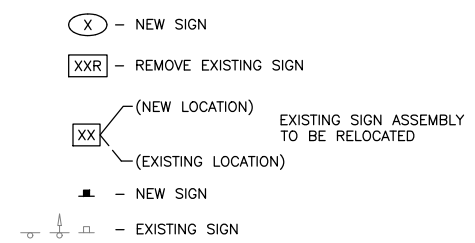
CHANNELIZATION NOTES:

- ① RPM WHITE DOTTED EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
- ② RPM WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
- ③ RPM DOUBLE YELLOW CENTERLINE, PER WSDOT STD. PLAN M-20.50-02.
- ④ RPM WHITE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
- ⑤ MMA TRAFFIC ARROW, PER WSDOT STD. PLAN M-24.40-02.
- ⑥ COMPACT STALL PAVEMENT MARKING SEE DETAIL DWG. NO CH5.
- ⑦ MMA CROSSWALK, PER WSDOT STD. PLAN M-15.10-01.
- ⑧ MMA STOP LINE, PER WSDOT STD. PLAN M-24.60-04.
- ⑨ MMA WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.10-04.
- ⑩ PAINTED WHITE EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
- ⑪ PAINTED YELLOW EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
- ⑫ CHEVRON MARKING, PER WSDOT STD. PLAN M-2.20-03.
- ⑬ RPM WHITE WIDE DOTTED LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
- ⑭ PAINTED WHITE LINE 4" WIDE, PER WSDOT STD. PLAN M-17.10-02.
- ⑮ MMA WHITE TRAFFIC LETTERS, PER WSDOT STD. PLAN M-80.10-01.
- ⑯ RPM DOTTED YELLOW EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
- ⑰ ACCESS PARKING SPACE SYMBOL PER WSDOT STD. PLAN M-24.60.-4.

GENERAL NOTE:

1. SEE DWG. NO. CH15 AND CH16 FOR SIGN SCHEDULE.
2. PROTECT AND MAINTAIN ALL SIGNS NOT DESIGNATED FOR REMOVAL OR RELOCATION.

SIGN LEGEND



90% REVIEW
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May 09, 2023 12:27pm seen.delavarpour X:\lynwood_city_of\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156 CH.dwg Layout Name: CH4

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD WASHINGTON

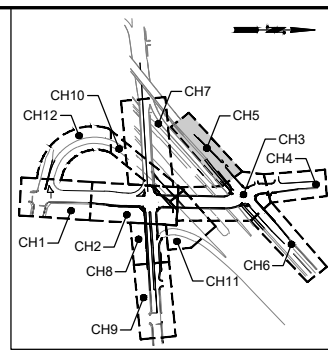
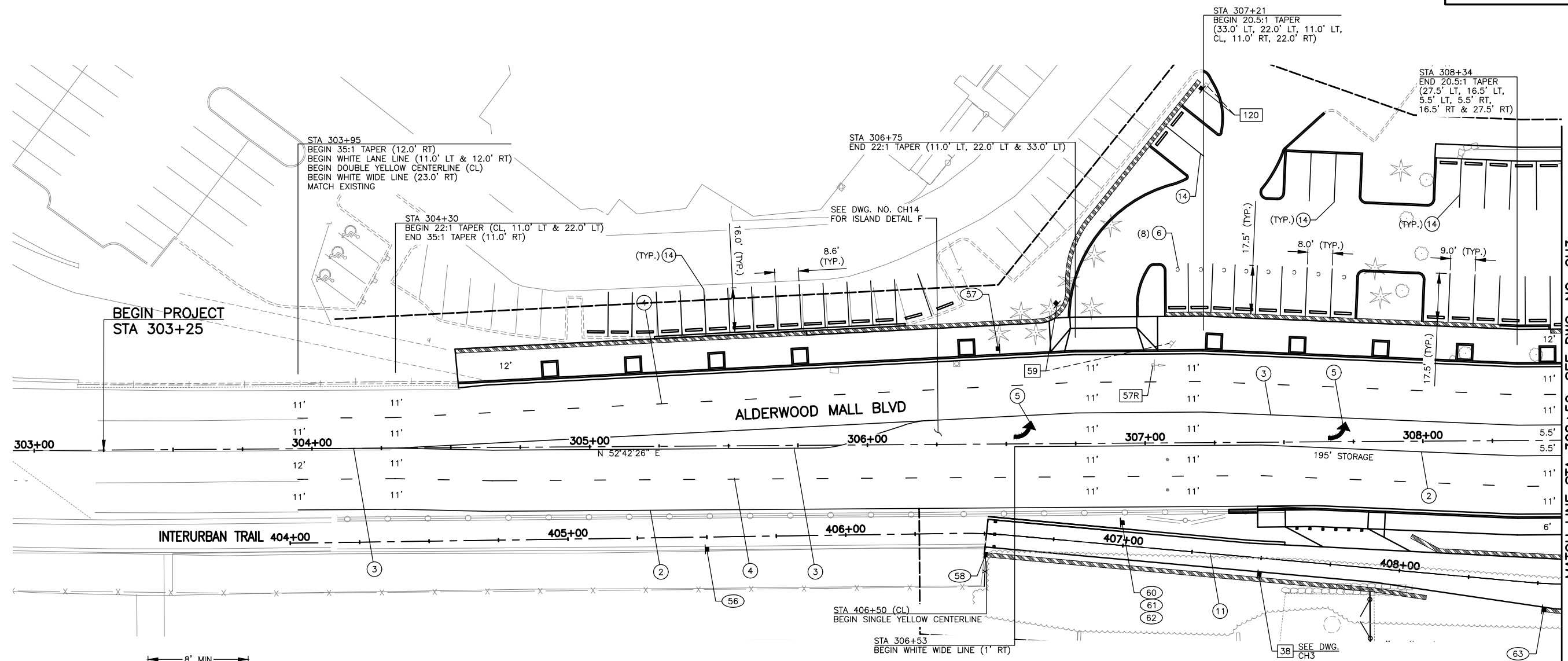


Drawn By S. DELAVARPOUR	Date 5/2023
Designed By E. BORGES	5/2023
Checked By V. WEN	5/2023
Approved By V. WEN	5/2023

SCALE Horiz 1"=20'
Vert
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 118+00 TO E.O.P.
CHANNELIZATION & SIGNING PLAN

Drawing No. CH4
Sheet No. X
of Total



MATCH LINE STA 308+50, SEE DWG. NO. CH3

BEGIN PROJECT
STA 303+25

STA 303+95
BEGIN 35:1 TAPER (12.0' RT)
BEGIN WHITE LANE LINE (11.0' LT & 12.0' RT)
BEGIN DOUBLE YELLOW CENTERLINE (CL)
BEGIN WHITE WIDE LINE (23.0' RT)
MATCH EXISTING

STA 304+30
BEGIN 22:1 TAPER (CL, 11.0' LT & 22.0' LT)
END 35:1 TAPER (11.0' RT)

STA 306+75
END 22:1 TAPER (11.0' LT, 22.0' LT & 33.0' LT)

STA 307+21
BEGIN 20.5:1 TAPER
(33.0' LT, 22.0' LT, 11.0' LT,
CL, 11.0' RT, 22.0' RT)

STA 308+34
END 20.5:1 TAPER
(27.5' LT, 16.5' LT,
5.5' LT, 5.5' RT,
16.5' RT & 27.5' RT)

ALDERWOOD MALL BLVD

INTERURBAN TRAIL

STA 406+50 (CL)
BEGIN SINGLE YELLOW CENTERLINE
STA 306+53
BEGIN WHITE WIDE LINE (1' RT)

38 SEE DWG. CH3

CHANNELIZATION SYMBOL SCHEDULE

SYMBOL	STATION	OFFSET
	307+35	5.5' LT

CHANNELIZATION NOTES:

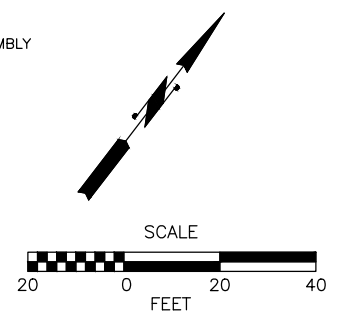
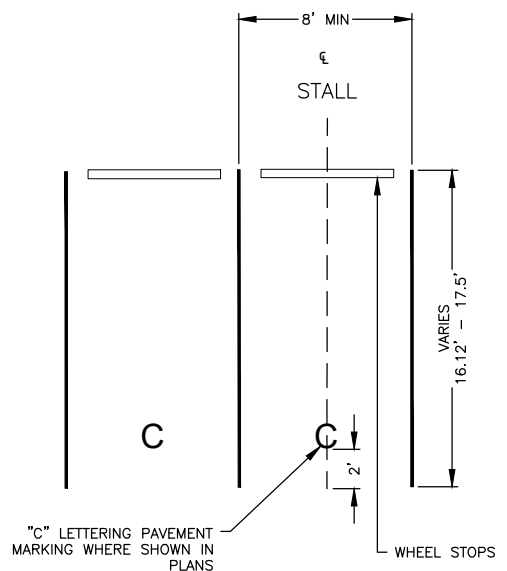
- 1 RPM WHITE DOTTED EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
- 2 RPM WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
- 3 RPM DOUBLE YELLOW CENTERLINE, PER WSDOT STD. PLAN M-20.50-02.
- 4 RPM WHITE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
- 5 MMA TRAFFIC ARROW, PER WSDOT STD. PLAN M-24.40-02.
- 6 COMPACT STALL PAVEMENT MARKING SEE DETAIL DWG. NO CH5.
- 7 MMA CROSSWALK, PER WSDOT STD. PLAN M-15.10-01.
- 8 MMA STOP LINE, PER WSDOT STD. PLAN M-24.60-04.
- 9 MMA WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.10-04.
- 10 PAINTED WHITE EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
- 11 PAINTED YELLOW EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
- 12 CHEVRON MARKING, PER WSDOT STD. PLAN M-2.20-03.
- 13 RPM WHITE WIDE DOTTED LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
- 14 PAINTED WHITE LINE 4" WIDE, PER WSDOT STD. PLAN M-17.10-02.
- 15 MMA WHITE TRAFFIC LETTERS, PER WSDOT STD. PLAN M-80.10-01.
- 16 RPM DOTTED YELLOW EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
- 17 ACCESS PARKING SPACE SYMBOL PER WSDOT STD. PLAN M-24.60-4.

GENERAL NOTE:

1. SEE DWG. NO. CH15 AND CH16 FOR SIGN SCHEDULE.
2. PROTECT AND MAINTAIN ALL SIGNS NOT DESIGNATED FOR REMOVAL OR RELOCATION.

SIGN LEGEND

- NEW SIGN
- REMOVE EXISTING SIGN
- (NEW LOCATION)
- (EXISTING LOCATION)
-
-
-



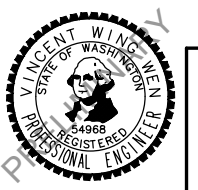
90% REVIEW
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May 09, 2023 12:27pm seen.delaarpour X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156 CH5.dwg Layout Name: CH5

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD WASHINGTON

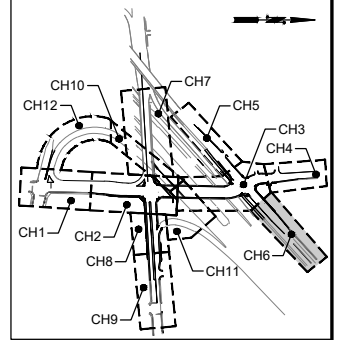
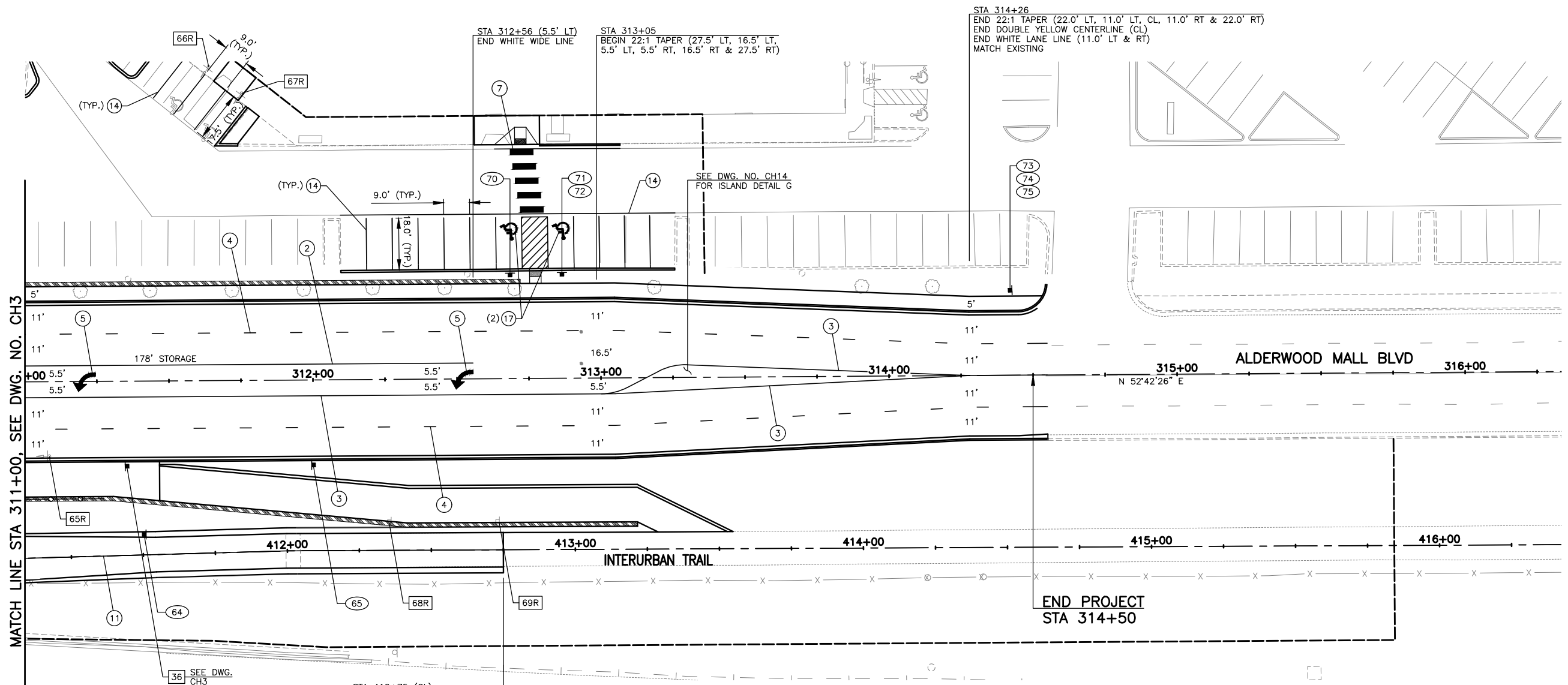


Drawn By S. DELAVARPOUR	Date 5/2023
Designed By E. BORGES	5/2023
Checked By V. WEN	5/2023
Approved By V. WEN	5/2023

SCALE 1"=20'
Horiz
Vert
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
B.O.P. TO STA 308+50
CHANNELIZATION & SIGNING PLAN

Drawing No. **CH5**
Sheet No. **X**
of Total



CHANNELIZATION NOTES:

- ① RPM WHITE DOTTED EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
- ② RPM WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
- ③ RPM DOUBLE YELLOW CENTERLINE, PER WSDOT STD. PLAN M-20.50-02.
- ④ RPM WHITE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
- ⑤ MMA TRAFFIC ARROW, PER WSDOT STD. PLAN M-24.40-02.
- ⑥ COMPACT STALL PAVEMENT MARKING SEE DETAIL DWG. NO CH5.
- ⑦ MMA CROSSWALK, PER WSDOT STD. PLAN M-15.10-01.
- ⑧ MMA STOP LINE, PER WSDOT STD. PLAN M-24.60-04.
- ⑨ MMA WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.10-04.
- ⑩ PAINTED WHITE EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
- ⑪ PAINTED YELLOW EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
- ⑫ CHEVRON MARKING, PER WSDOT STD. PLAN M-2.20-03.
- ⑬ RPM WHITE WIDE DOTTED LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
- ⑭ PAINTED WHITE LINE 4" WIDE, PER WSDOT STD. PLAN M-17.10-02.
- ⑮ MMA WHITE TRAFFIC LETTERS, PER WSDOT STD. PLAN M-80.10-01.
- ⑯ RPM DOTTED YELLOW EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
- ⑰ ACCESS PARKING SPACE SYMBOL PER WSDOT STD. PLAN M-24.60-4.

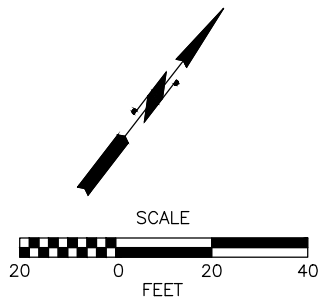
GENERAL NOTE:

- 1. SEE DWG. NO. CH15 AND CH16 FOR SIGN SCHEDULE.
- 2. PROTECT AND MAINTAIN ALL SIGNS NOT DESIGNATED FOR REMOVAL OR RELOCATION.

SIGN LEGEND

- (X) - NEW SIGN
- (XXR) - REMOVE EXISTING SIGN
- (XX) (NEW LOCATION) EXISTING SIGN ASSEMBLY TO BE RELOCATED
- (XX) (EXISTING LOCATION)
- - NEW SIGN
- - EXISTING SIGN

CHANNELIZATION SYMBOL SCHEDULE		
SYMBOL	STATION	OFFSET
↩	311+20	CL
	312+51	CL



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May 09, 2023 12:22pm seen.delavarpour X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension_Bridge\CADD_v.2014\Plan Sheets\20100156 CH.dwg Layout Name: CH6

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
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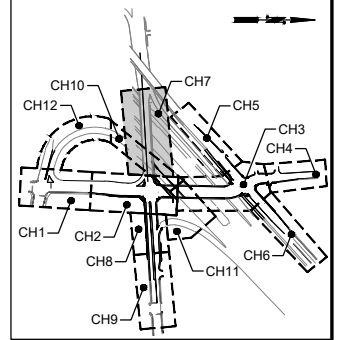
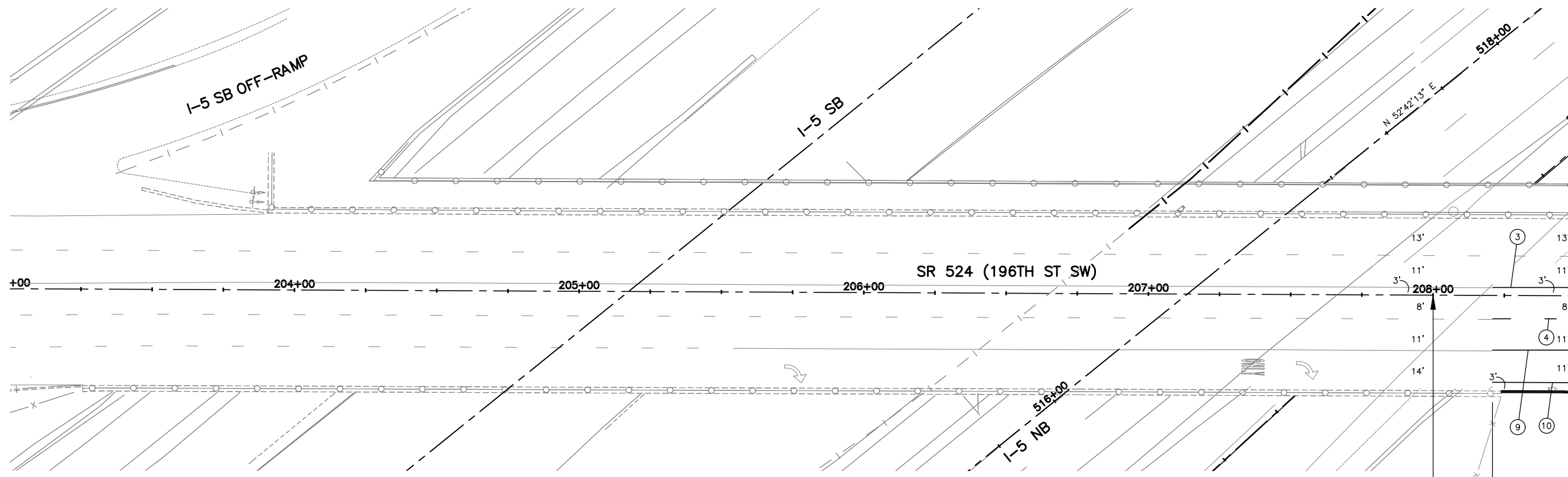


Drawn By S. DELAVARPOUR Date 5/2023
Designed By E. BORGES Date 5/2023
Checked By V. WEN Date 5/2023
Approved By V. WEN Date 5/2023

SCALE
Horiz 1"=20'
Vert
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 311+00 TO E.O.P.
CHANNELIZATION & SIGNING PLAN

Drawing No. CH6
Sheet No. X of Total

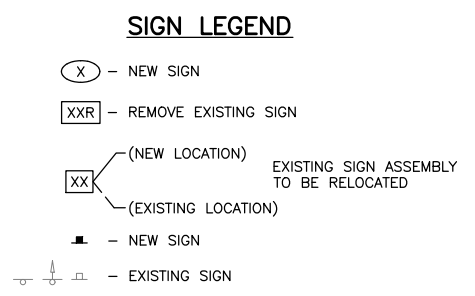


KEY MAP
NTS

MATCH LINE STA 208+50, SEE DWG. NO. CH2

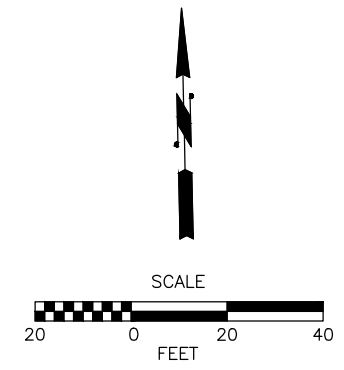
- CHANNELIZATION NOTES:**
- 1 RPM WHITE DOTTED EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
 - 2 RPM WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
 - 3 RPM DOUBLE YELLOW CENTERLINE, PER WSDOT STD. PLAN M-20.50-02.
 - 4 RPM WHITE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
 - 5 MMA TRAFFIC ARROW, PER WSDOT STD. PLAN M-24.40-02.
 - 6 COMPACT STALL PAVEMENT MARKING SEE DETAIL DWG. NO CH5.
 - 7 MMA CROSSWALK, PER WSDOT STD. PLAN M-15.10-01.
 - 8 MMA STOP LINE, PER WSDOT STD. PLAN M-24.60-04.
 - 9 MMA WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.10-04.
 - 10 PAINTED WHITE EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
 - 11 PAINTED YELLOW EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
 - 12 CHEVRON MARKING, PER WSDOT STD. PLAN M-2.20-03.
 - 13 RPM WHITE WIDE DOTTED LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
 - 14 PAINTED WHITE LINE 4" WIDE, PER WSDOT STD. PLAN M-17.10-02.
 - 15 MMA WHITE TRAFFIC LETTERS, PER WSDOT STD. PLAN M-80.10-01.
 - 16 RPM DOTTED YELLOW EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
 - 17 ACCESS PARKING SPACE SYMBOL PER WSDOT STD. PLAN M-24.60-4.

- GENERAL NOTE:**
1. SEE DWG. NO. CH15 AND CH16 FOR SIGN SCHEDULE.
 2. PROTECT AND MAINTAIN ALL SIGNS NOT DESIGNATED FOR REMOVAL OR RELOCATION.



BEGIN PROJECT
 SR 524 MP 5.28
 SR 524 STA 208+00

STA 208+21
 BEGIN DOUBLE YELLOW CENTERLINE (3' LT)
 BEGIN WHITE LANE LINE (8' RT)
 BEGIN WHITE WIDE LINE (19' RT)
 BEGIN WHITE EDGE LINE (30' RT)
 MATCH EXISTING



90% REVIEW
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May 09, 2023 12:22pm seen.delavarpour X:\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 CH7.dwg Layout Name: CH7

No.	Date	Revision	By	Appr.

PERTEET
 2707 COLBY AVENUE, SUITE 900
 EVERETT, WA 98201
 425.252.7700 | 800.615.9900

LYNNWOOD
 WASHINGTON

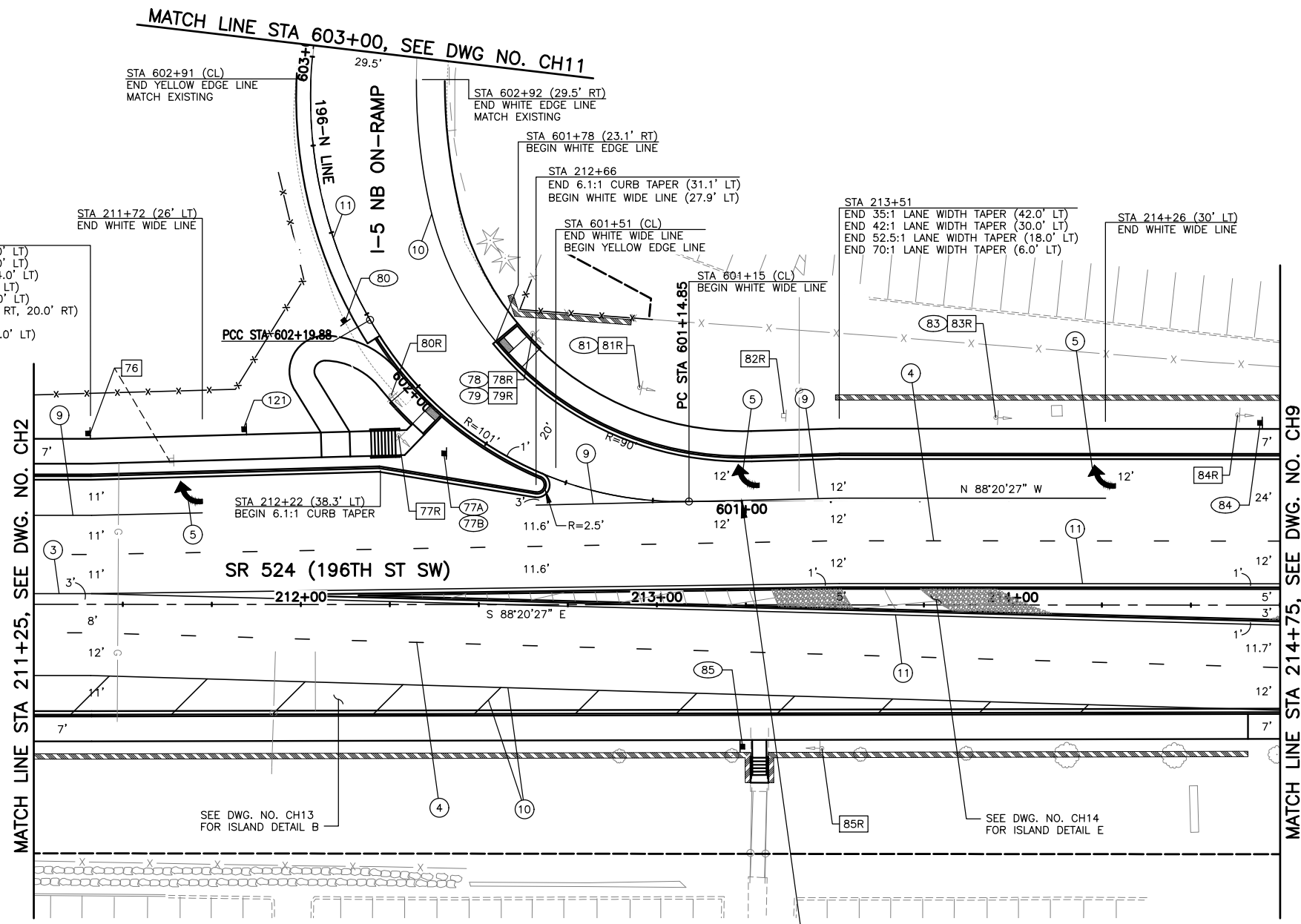


Drawn By S. DELAVARPOUR Date 5/2023
 Designed By E. BORGES Date 5/2023
 Checked By V. WEN Date 5/2023
 Approved By V. WEN Date 5/2023

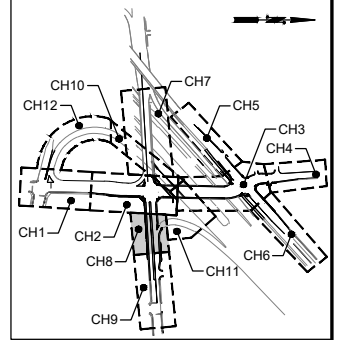
SCALE
 Horiz 1"=20'
 Vert
 Project Number 20100156

CITY OF LYNNWOOD
 POPLAR WAY EXTENSION BRIDGE
 B.O.P. TO STA 208+50
CHANNELIZATION & SIGNING PLAN

Drawing No. CH7
 Sheet No. X
 of Total



CHANNELIZATION SYMBOL SCHEDULE		
SYMBOL	STATION	OFFSET
	211+70	30.0' LT
	213+26	36.0' LT
	214+26	36.0' LT



- CHANNELIZATION NOTES:**
- RPM WHITE DOTTED EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
 - RPM WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
 - RPM DOUBLE YELLOW CENTERLINE, PER WSDOT STD. PLAN M-20.50-02.
 - RPM WHITE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
 - MMA TRAFFIC ARROW, PER WSDOT STD. PLAN M-24.40-02.
 - COMPACT STALL PAVEMENT MARKING SEE DETAIL DWG. NO CH5.
 - MMA CROSSWALK, PER WSDOT STD. PLAN M-15.10-01.
 - MMA STOP LINE, PER WSDOT STD. PLAN M-24.60-04.
 - MMA WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.10-04.
 - PAINTED WHITE EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
 - PAINTED YELLOW EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
 - CHEVRON MARKING, PER WSDOT STD. PLAN M-2.20-03.
 - RPM WHITE WIDE DOTTED LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
 - PAINTED WHITE LINE 4" WIDE, PER WSDOT STD. PLAN M-17.10-02.
 - MMA WHITE TRAFFIC LETTERS, PER WSDOT STD. PLAN M-80.10-01.
 - RPM DOTTED YELLOW EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
 - ACCESS PARKING SPACE SYMBOL PER WSDOT STD. PLAN M-24.60-4.

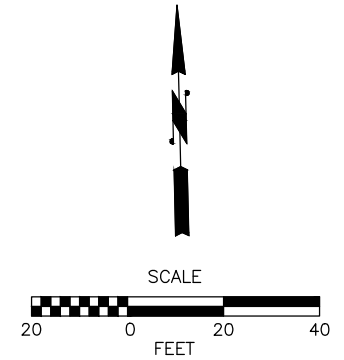
- GENERAL NOTE:**
- SEE DWG. NO. CH15 AND CH16 FOR SIGN SCHEDULE.
 - PROTECT AND MAINTAIN ALL SIGNS NOT DESIGNATED FOR REMOVAL OR RELOCATION.

STA 211+41
 BEGIN 35:1 LANE WIDTH TAPER (36.0' LT)
 BEGIN 42:1 LANE WIDTH TAPER (25.0' LT)
 BEGIN 52.5:1 LANE WIDTH TAPER (14.0' LT)
 BEGIN 70:1 LANE SHIFT TAPER (3.0' LT)
 BEGIN 38.9:1 LANE SHIFT TAPER (3.0' LT)
 BEGIN 35:1 LANE SHIFT TAPER (8.0' RT, 20.0' RT)
 BEGIN YELLOW EDGE LINE (3.0' LT)
 END DOUBLE YELLOW CENTERLINE (3.0' LT)

SIGN LEGEND

- NEW SIGN
- REMOVE EXISTING SIGN
- EXISTING SIGN ASSEMBLY TO BE RELOCATED
 - (NEW LOCATION)
 - (EXISTING LOCATION)
- NEW SIGN
- EXISTING SIGN

SR 524 MP 5.38
 SR 524 STA 213+23.85 (28.9'LT)=
 196-N LINE STA 601+00



90% REVIEW
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May 09, 2023 - 12:28pm
 X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156 CH.dwg
 Layout Name: CH8
 seen.delavarpour

No.	Date	Revision	By	Appr.

PERTEET
 2707 COLBY AVENUE, SUITE 900
 EVERETT, WA 98201
 425.252.7700 | 800.615.9900

LYNNWOOD WASHINGTON

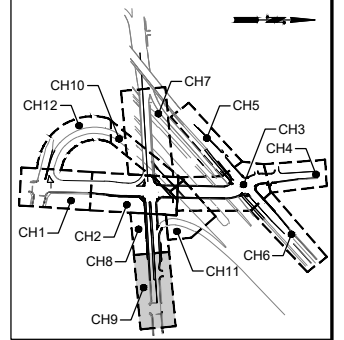
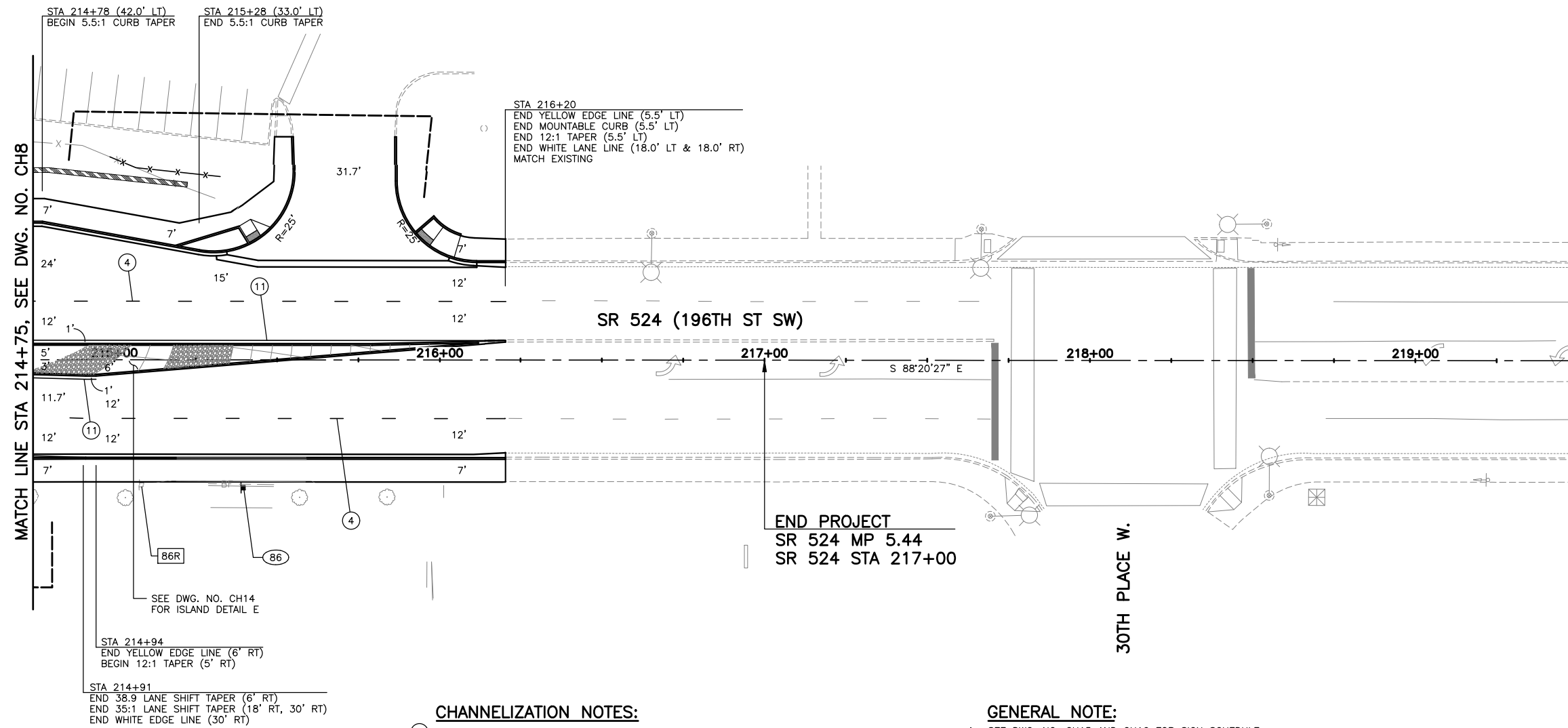


Drawn By: S. DELAVARPOUR Date: 5/2023
 Designed By: E. BORGES Date: 5/2023
 Checked By: V. WEN Date: 5/2023
 Approved By: V. WEN Date: 5/2023

SCALE
 Horiz 1"=20'
 Vert
 Project Number 20100156

CITY OF LYNNWOOD
 POPLAR WAY EXTENSION BRIDGE
 STA 211+25 TO STA 214+75
CHANNELIZATION & SIGNING PLAN

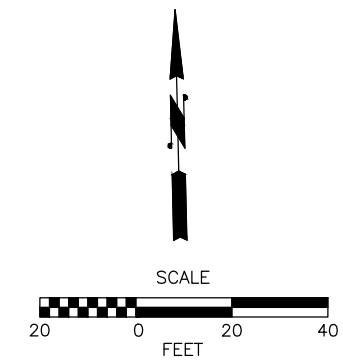
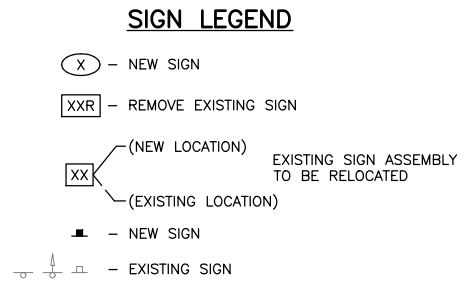
Drawing No. **CH8**
 Sheet No. X
 of Total



KEY MAP
NTS

- CHANNELIZATION NOTES:**
- ① RPM WHITE DOTTED EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
 - ② RPM WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
 - ③ RPM DOUBLE YELLOW CENTERLINE, PER WSDOT STD. PLAN M-20.50-02.
 - ④ RPM WHITE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
 - ⑤ MMA TRAFFIC ARROW, PER WSDOT STD. PLAN M-24.40-02.
 - ⑥ COMPACT STALL PAVEMENT MARKING SEE DETAIL DWG. NO CH5.
 - ⑦ MMA CROSSWALK, PER WSDOT STD. PLAN M-15.10-01.
 - ⑧ MMA STOP LINE, PER WSDOT STD. PLAN M-24.60-04.
 - ⑨ MMA WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.10-04.
 - ⑩ PAINTED WHITE EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
 - ⑪ PAINTED YELLOW EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
 - ⑫ CHEVRON MARKING, PER WSDOT STD. PLAN M-2.20-03.
 - ⑬ RPM WHITE WIDE DOTTED LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
 - ⑭ PAINTED WHITE LINE 4" WIDE, PER WSDOT STD. PLAN M-17.10-02.
 - ⑮ MMA WHITE TRAFFIC LETTERS, PER WSDOT STD. PLAN M-80.10-01.
 - ⑯ RPM DOTTED YELLOW EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
 - ⑰ ACCESS PARKING SPACE SYMBOL PER WSDOT STD. PLAN M-24.60-04.

- GENERAL NOTE:**
1. SEE DWG. NO. CH15 AND CH16 FOR SIGN SCHEDULE.
 2. PROTECT AND MAINTAIN ALL SIGNS NOT DESIGNATED FOR REMOVAL OR RELOCATION.



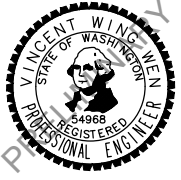
90% REVIEW
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No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD WASHINGTON

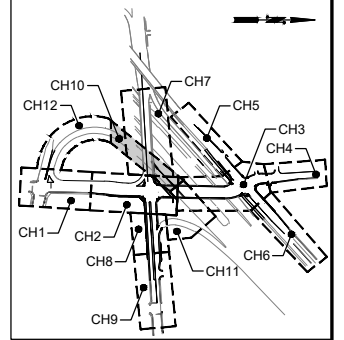


Drawn By S. DELAVARPOUR Date 5/2023
Designed By E. BORGES Date 5/2023
Checked By V. WEN Date 5/2023
Approved By V. WEN Date 5/2023

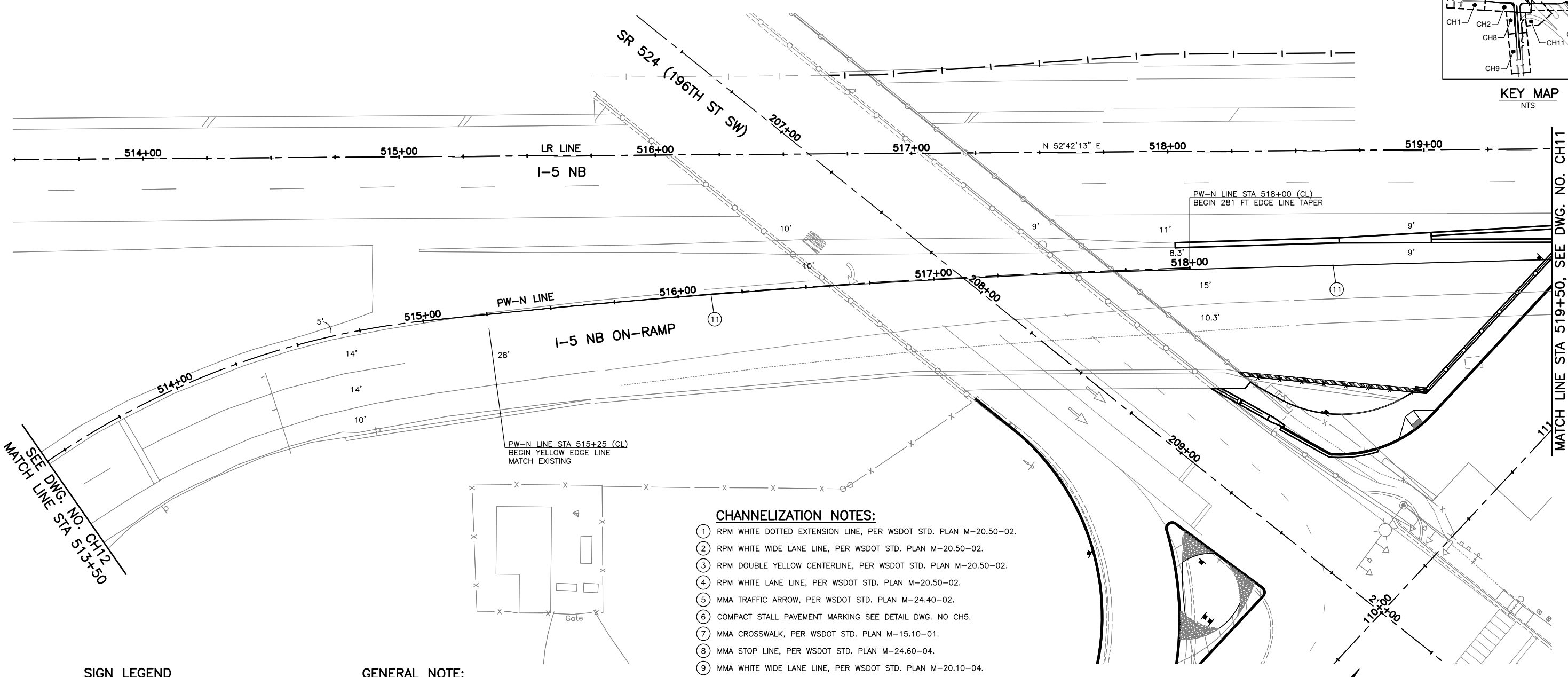
SCALE
Horiz 1"=20'
Vert
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 214+75 TO E.O.P.
CHANNELIZATION & SIGNING PLAN

Drawing No. CH9
Sheet No. X
of Total



KEY MAP
NTS



SEE DWG. NO. CH12
MATCH LINE STA 513+50

MATCH LINE STA 519+50, SEE DWG. NO. CH11

CHANNELIZATION NOTES:

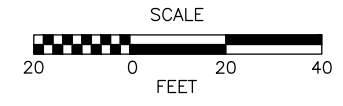
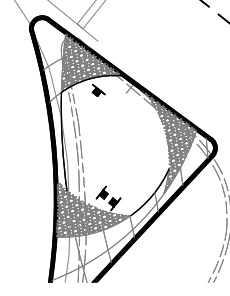
- ① RPM WHITE DOTTED EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
- ② RPM WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
- ③ RPM DOUBLE YELLOW CENTERLINE, PER WSDOT STD. PLAN M-20.50-02.
- ④ RPM WHITE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
- ⑤ MMA TRAFFIC ARROW, PER WSDOT STD. PLAN M-24.40-02.
- ⑥ COMPACT STALL PAVEMENT MARKING SEE DETAIL DWG. NO CH5.
- ⑦ MMA CROSSWALK, PER WSDOT STD. PLAN M-15.10-01.
- ⑧ MMA STOP LINE, PER WSDOT STD. PLAN M-24.60-04.
- ⑨ MMA WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.10-04.
- ⑩ PAINTED WHITE EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
- ⑪ PAINTED YELLOW EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
- ⑫ CHEVRON MARKING, PER WSDOT STD. PLAN M-2.20-03.
- ⑬ RPM WHITE WIDE DOTTED LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
- ⑭ PAINTED WHITE LINE 4" WIDE, PER WSDOT STD. PLAN M-17.10-02.
- ⑮ MMA WHITE TRAFFIC LETTERS, PER WSDOT STD. PLAN M-80.10-01.
- ⑯ RPM DOTTED YELLOW EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
- ⑰ ACCESS PARKING SPACE SYMBOL PER WSDOT STD. PLAN M-24.60-4.

GENERAL NOTE:

- 1. SEE DWG. NO. CH15 AND CH16 FOR SIGN SCHEDULE.
- 2. PROTECT AND MAINTAIN ALL SIGNS NOT DESIGNATED FOR REMOVAL OR RELOCATION.

SIGN LEGEND

- (X) - NEW SIGN
- (XXR) - REMOVE EXISTING SIGN
- (XX) (NEW LOCATION) EXISTING SIGN ASSEMBLY TO BE RELOCATED
- (XX) (EXISTING LOCATION)
- - NEW SIGN
- - EXISTING SIGN



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May 09, 2023 12:28pm seen.delavarpour X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156 CH10.dwg Layout Name: CH10

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD WASHINGTON

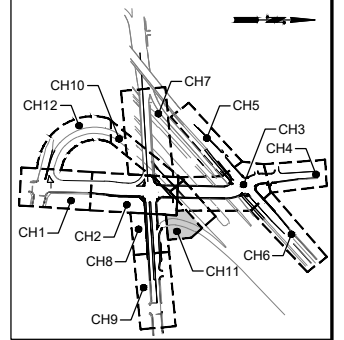


Drawn By
S. DELAVARPOUR 5/2023
Designed By
E. BORGES 5/2023
Checked By
V. WEN 5/2023
Approved By
V. WEN 5/2023

SCALE
Horiz 1"=20'
Vert
Project Number
20100156

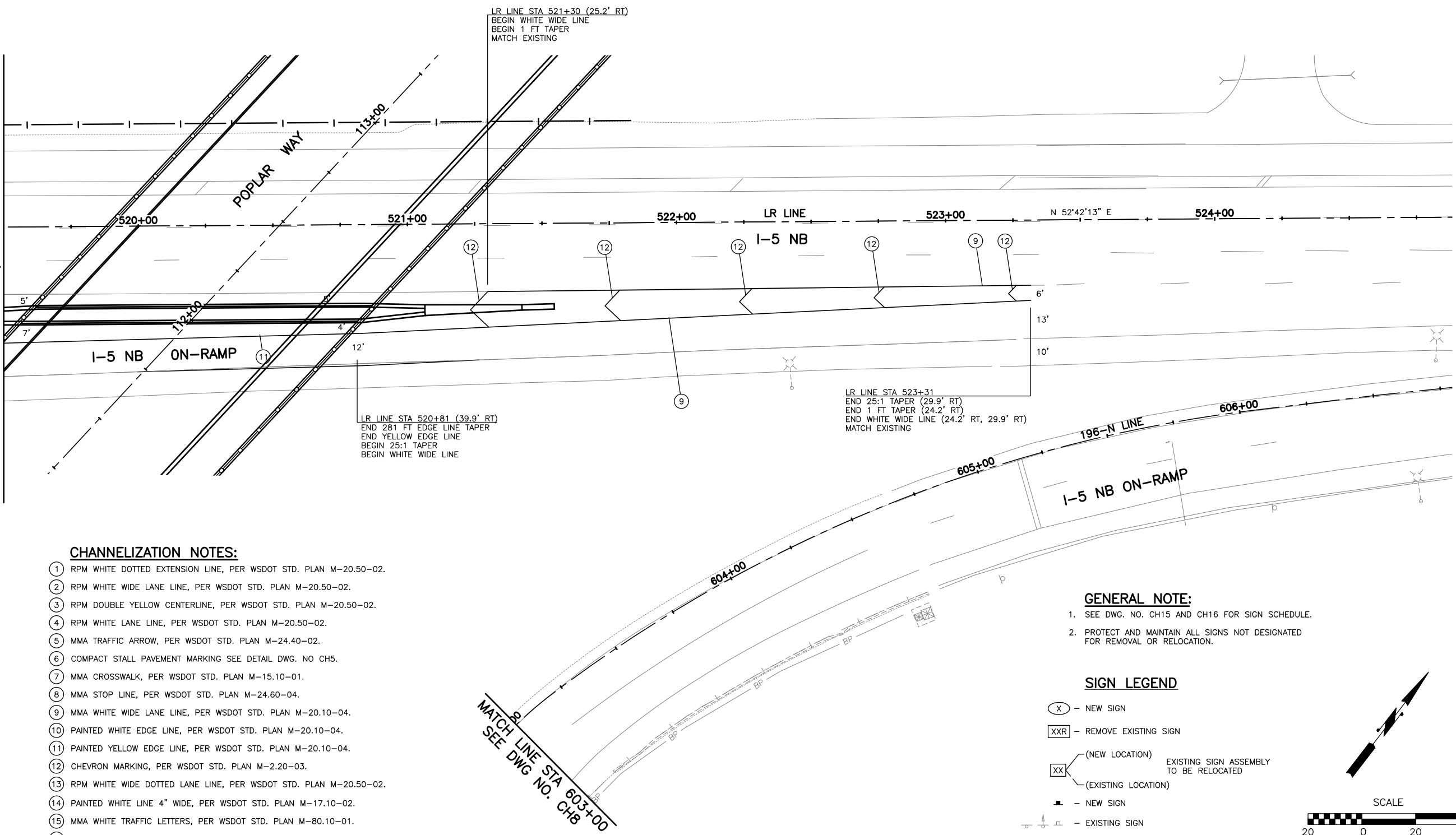
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 513+50 TO STA 519+50
CHANNELIZATION & SIGNING PLAN

Drawing No.
CH10
Sheet No.
X
of Total



KEY MAP
NTS

MATCH LINE STA 519+50, SEE DWG. NO. CH10



CHANNELIZATION NOTES:

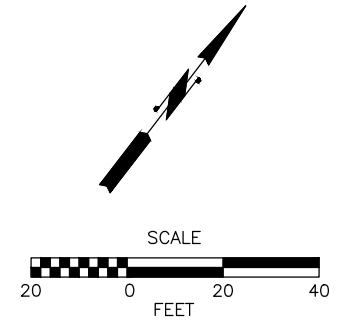
- ① RPM WHITE DOTTED EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
- ② RPM WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
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- ⑤ MMA TRAFFIC ARROW, PER WSDOT STD. PLAN M-24.40-02.
- ⑥ COMPACT STALL PAVEMENT MARKING SEE DETAIL DWG. NO CH5.
- ⑦ MMA CROSSWALK, PER WSDOT STD. PLAN M-15.10-01.
- ⑧ MMA STOP LINE, PER WSDOT STD. PLAN M-24.60-04.
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- ⑬ RPM WHITE WIDE DOTTED LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
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- ⑰ ACCESS PARKING SPACE SYMBOL PER WSDOT STD. PLAN M-24.60-4.

GENERAL NOTE:

- 1. SEE DWG. NO. CH15 AND CH16 FOR SIGN SCHEDULE.
- 2. PROTECT AND MAINTAIN ALL SIGNS NOT DESIGNATED FOR REMOVAL OR RELOCATION.

SIGN LEGEND

- (X) - NEW SIGN
- XXR - REMOVE EXISTING SIGN
- (XX) - (NEW LOCATION) EXISTING SIGN ASSEMBLY TO BE RELOCATED
- (XX) - (EXISTING LOCATION)
- - NEW SIGN
- - EXISTING SIGN

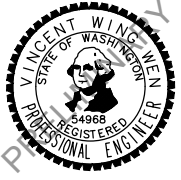


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No.	Date	Revision	By	Appr.

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EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD WASHINGTON



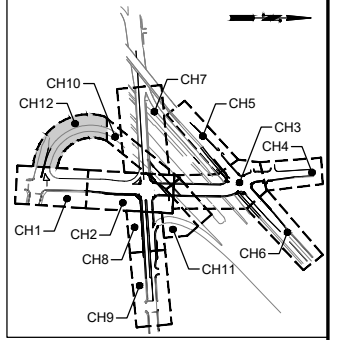
Drawn By S. DELAVARPOUR	Date 5/2023
Designed By E. BORGES	Date 5/2023
Checked By V. WEN	Date 5/2023
Approved By V. WEN	Date 5/2023

SCALE	Horiz 1"=20'
Vert	
Project Number	20100156

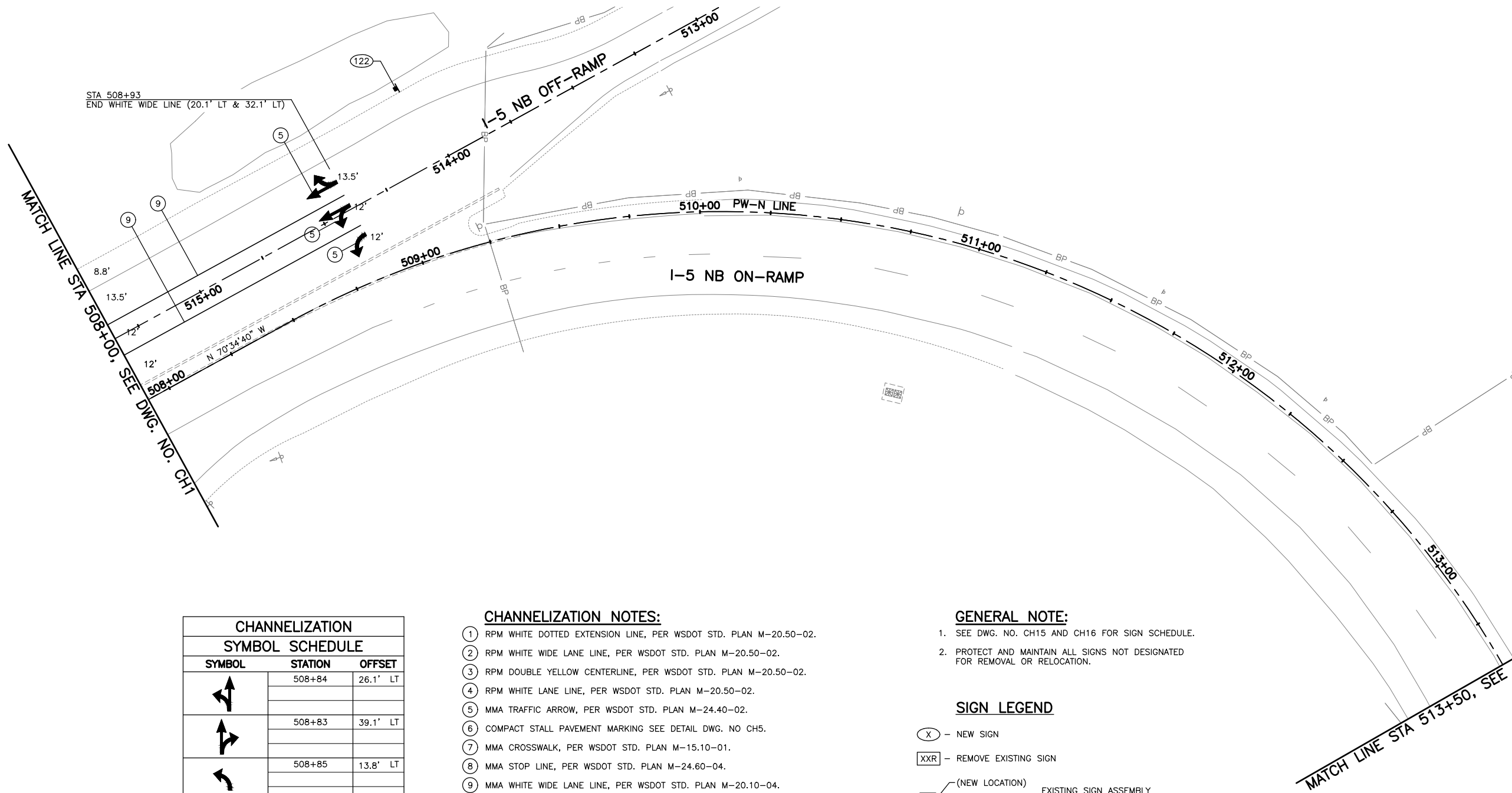
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 519+50 TO E.O.P.
CHANNELIZATION & SIGNING PLAN

Drawing No. CH11
Sheet No. X of Total

May 09, 2023 - 12:28pm seen.delavarpour X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension_Bridge\CADD_v.2014\Plan Sheets\20100156 CH.dwg Layout Name: CH11



KEY MAP
NTS



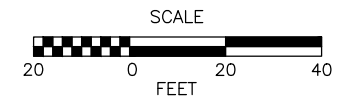
CHANNELIZATION SYMBOL SCHEDULE		
SYMBOL	STATION	OFFSET
	508+84	26.1' LT
	508+83	39.1' LT
	508+85	13.8' LT

- CHANNELIZATION NOTES:**
- RPM WHITE DOTTED EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
 - RPM WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
 - RPM DOUBLE YELLOW CENTERLINE, PER WSDOT STD. PLAN M-20.50-02.
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 - MMA TRAFFIC ARROW, PER WSDOT STD. PLAN M-24.40-02.
 - COMPACT STALL PAVEMENT MARKING SEE DETAIL DWG. NO. CH5.
 - MMA CROSSWALK, PER WSDOT STD. PLAN M-15.10-01.
 - MMA STOP LINE, PER WSDOT STD. PLAN M-24.60-04.
 - MMA WHITE WIDE LANE LINE, PER WSDOT STD. PLAN M-20.10-04.
 - PAINTED WHITE EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
 - PAINTED YELLOW EDGE LINE, PER WSDOT STD. PLAN M-20.10-04.
 - CHEVRON MARKING, PER WSDOT STD. PLAN M-2.20-03.
 - RPM WHITE WIDE DOTTED LANE LINE, PER WSDOT STD. PLAN M-20.50-02.
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 - MMA WHITE TRAFFIC LETTERS, PER WSDOT STD. PLAN M-80.10-01.
 - RPM DOTTED YELLOW EXTENSION LINE, PER WSDOT STD. PLAN M-20.50-02.
 - ACCESS PARKING SPACE SYMBOL PER WSDOT STD. PLAN M-24.60-4.

- GENERAL NOTE:**
- SEE DWG. NO. CH15 AND CH16 FOR SIGN SCHEDULE.
 - PROTECT AND MAINTAIN ALL SIGNS NOT DESIGNATED FOR REMOVAL OR RELOCATION.

SIGN LEGEND

- NEW SIGN
- REMOVE EXISTING SIGN
- (NEW LOCATION) - EXISTING SIGN ASSEMBLY TO BE RELOCATED
- (EXISTING LOCATION)
- NEW SIGN
- EXISTING SIGN



90% REVIEW
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May 09, 2023 12:22pm X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156 CH.dwg Layout Name: CH12

No.	Date	Revision	By	Appr.



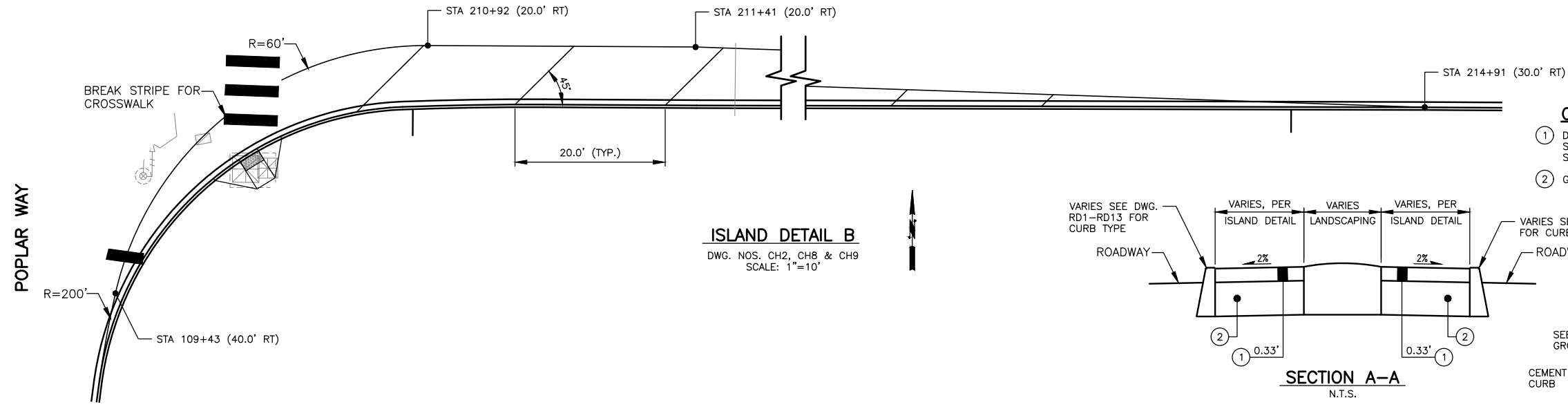
Drawn By	Date
S. DELAVARPOUR	5/2023
Designed By	
E. BORGES	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

SCALE	1"=20'
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 508+00 TO STA 513+50
CHANNELIZATION & SIGNING PLAN

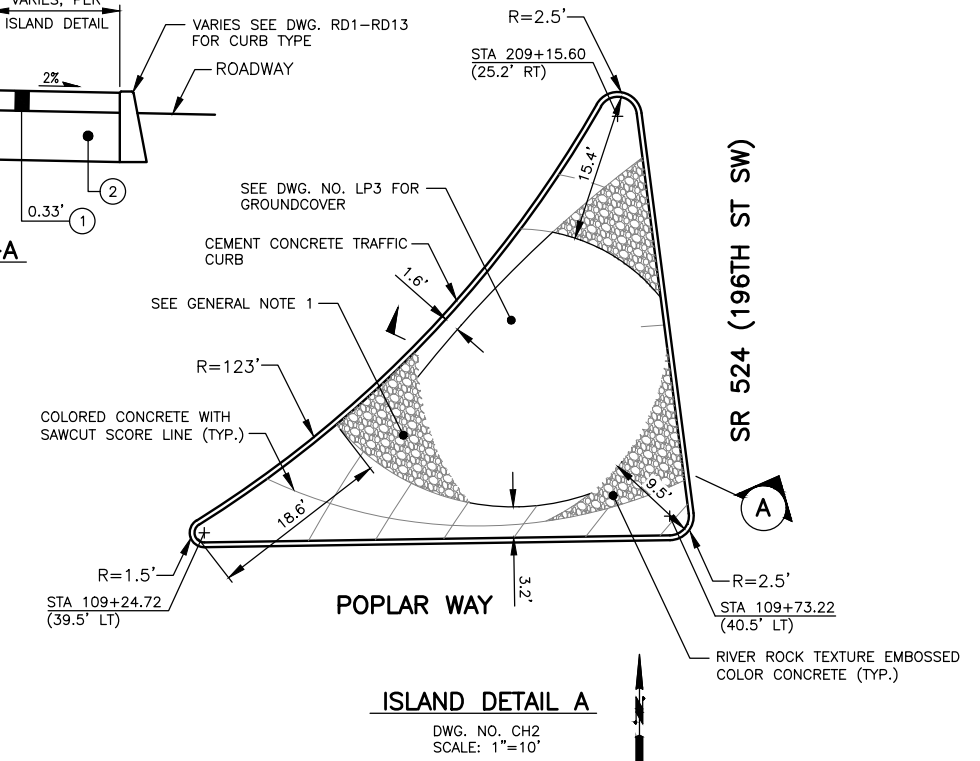
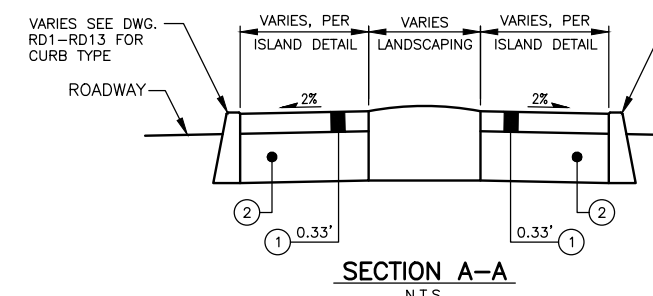
Drawing No.
CH12
Sheet No.
X
of Total

SR 524 (196TH ST SW)

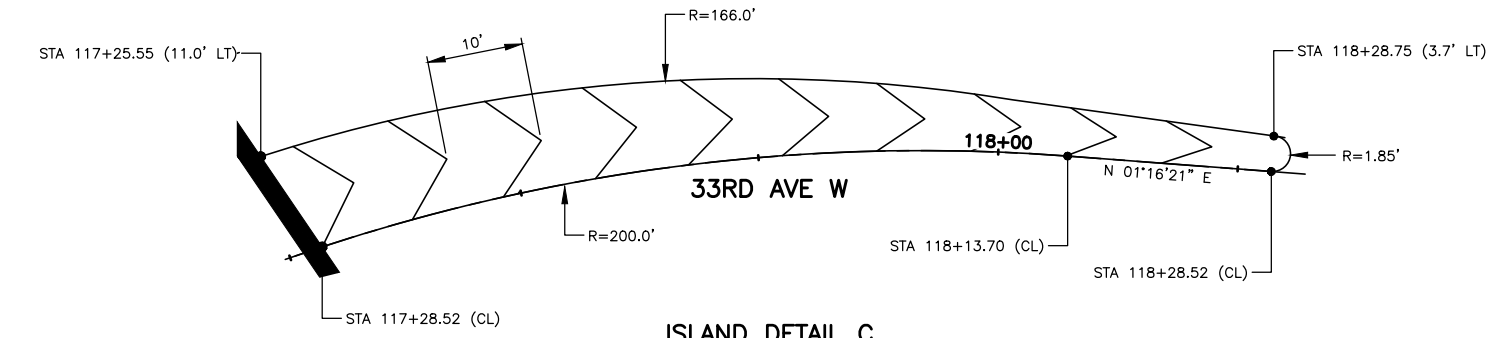


- CONSTRUCTION NOTES:**
- DECORATIVE ISLAND TREATMENT. COLORED CONCRETE WITH SAW CUT SCORE LINE OR RIVER ROCK TEXTURE EMBOSSED COLOR CONCRETE. SEE ISLAND DETAILS FOR TYPE.
 - GRAVEL BORROW INCL. HAUL.

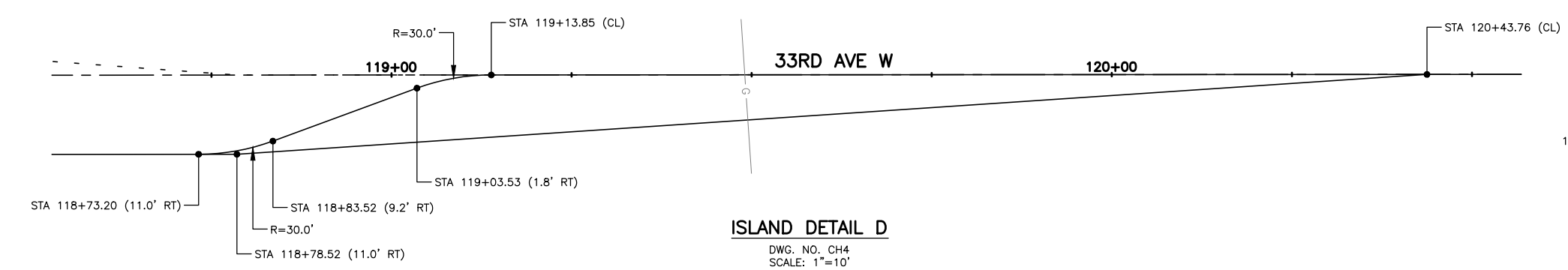
ISLAND DETAIL B
DWG. NOS. CH2, CH8 & CH9
SCALE: 1"=10'



ISLAND DETAIL A
DWG. NO. CH2
SCALE: 1"=10'



ISLAND DETAIL C
DWG. NOS. CH3 & CH4
SCALE: 1"=10'



ISLAND DETAIL D
DWG. NO. CH4
SCALE: 1"=10'

- GENERAL NOTE:**
- COLORED CONCRETE AND RIVER ROCK TEXTURE EMBOSSED COLOR CONCRETE SHALL BE CONSTRUCTED APPROX. AS SHOWN. LAYOUT SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

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May 09, 2023 - 12:22pm seen.delavarpour X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156 CH.dwg Layout Name: CH13

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

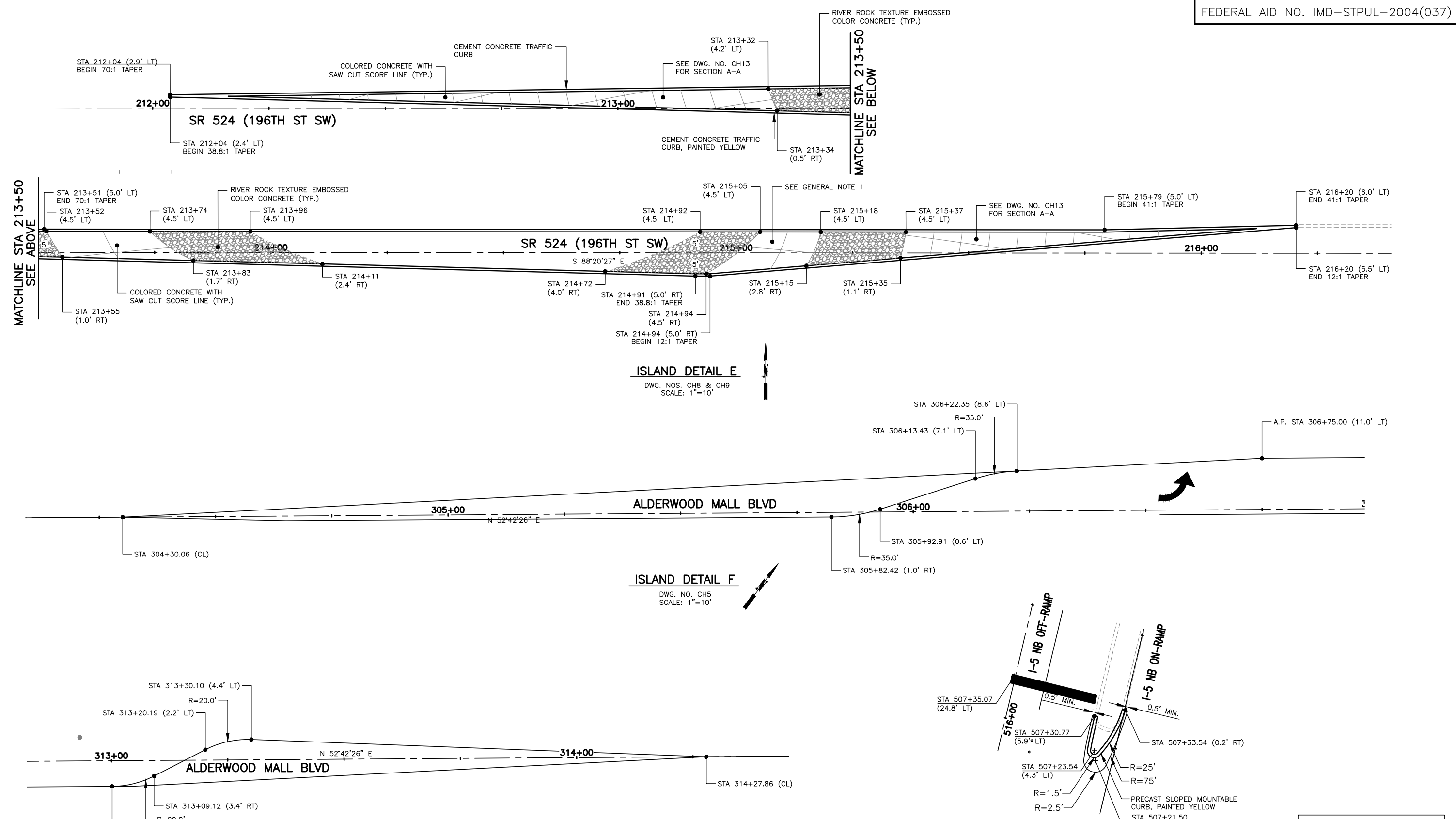
LYNNWOOD WASHINGTON



Drawn By S. DELAVARPOUR	Date 5/2023	SCALE Horiz 1"=20'
Designed By E. BORGES	5/2023	Vert
Checked By V. WEN	5/2023	Project Number 20100156
Approved By V. WEN	5/2023	

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
ISLAND DETAILS

Drawing No. CH13
Sheet No. X
of Total of 1



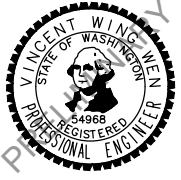
90% REVIEW
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May 09, 2023 12:29pm seen.delavarpour X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156 CH14.dwg Layout Name: CH14

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD WASHINGTON



Drawn By S. DELAVARPOUR	Date 5/2023
Designed By E. BORGES	Date 5/2023
Checked By V. WEN	Date 5/2023
Approved By V. WEN	Date 5/2023

SCALE
Horiz 1"=20'
Vert 1"=10'

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
ISLAND DETAILS

Drawing No. CH14
Sheet No. X
of Total of 1

SIGN SCHEDULE

SIGN NO.	STATION	OFFSET	SIGN TYPE	SIZE		POST TYPE	DESCRIPTION	REMARKS	SIGN NO.	STATION	OFFSET	SIGN TYPE	SIZE		POST TYPE	DESCRIPTION	REMARKS
				X (IN)	Y (IN)								X (IN)	Y (IN)			
1R	103+95	LT	EXISTING			METAL	RAMP METERED AHEAD WHEN FLASHING	REMOVE SIGN	47	119+10	RT	EXISTING			METAL	SPEED LIMIT 30	RELOCATE SIGN ON NEW POST
2R	105+84	LT	EXISTING			WOOD	NORTH I-5 RIGHT TURN	REMOVE SIGN	48	120+59	RT	EXISTING			LIGHT POLE	COMMUNITY TRANSIT BUS STOP	RELOCATE SIGN ON LUMINAIRE NO. C20
3R	105+84	LT	EXISTING			WOOD	RIGHT LANE MUST TURN RIGHT	REMOVE SIGN	56	405+50	RT	W1-2R	18	18	WOOD	CURVE	INSTALL NEW SIGN AND POST
4R	106+63	RT	EXISTING			WOOD	SOUTH I-5 NEXT LEFT	REMOVE SIGN	57R	307+03	LT	EXISTING			METAL	SPEED LIMIT 35	REMOVE SIGN
5R	108+27	LT	EXISTING			WOOD	NORTH I-5 NEXT RIGHT	REMOVE SIGN	57	306+48	LT	R2-1	30	24	METAL	SPEED LIMIT 35	INSTALL NEW SIGN AND POST
6R	208+58	RT	EXISTING			WOOD	RIGHT LANE MUST TURN RIGHT	REMOVE SIGN	58	406+50	RT	W7-5	18	18	WOOD	HILL	INSTALL NEW SIGN AND POST
1	103+95	LT	W3-8	36	36	METAL	RAMP METERED AHEAD WHEN FLASHING	INSTALL NEW SIGN AND POST	59	307+10	LT	EXISTING			3 WOOD	ALDERWOOD COMMUNITY CHURCH	RELOCATE SIGN ON NEW POSTS
2	105+64	LT	D1-901*	54	72	LIGHT POLE	NORTH I-5 RIGHT TURN	INSTALL NEW SIGN ON LUMINAIRE NO. C3	60	306+90	RT	M4-5B	24	12	WOOD	TO	INSTALL NEW SIGN AND POST
3	105+64	LT	R3-7	30	30	LIGHT POLE	RIGHT LANE MUST TURN RIGHT	LOCATE BELOW SIGN #2	61	306+90	RT	M1-1	24	24	WOOD	I-5	LOCATE BELOW SIGN #60
4	106+88	RT	D1-901*	54	84	LIGHT POLE	SOUTH I-5 NEXT LEFT	INSTALL NEW SIGN ON LUMINAIRE NO. C6	62	306+90	RT	M6-1BR	21	15	WOOD	RIGHT ARROW	LOCATE BELOW SIGN #61
5	108+38	LT	D1-901*	54	84	LIGHT POLE	NORTH I-5 NEXT RIGHT	INSTALL NEW SIGN ON LUMINAIRE NO. C7	63	408+52	RT	W12-2	18	18	WOOD	LOW CLEARANCE 8'-0"	INSTALL NEW SIGN AND POST
6	208+58	RT	R3-7	30	30	WOOD	RIGHT LANE MUST TURN RIGHT	INSTALL NEW SIGN AND POST	64	411+50	LT	W12-2	18	18	WOOD	LOW CLEARANCE 8'-0"	INSTALL NEW SIGN AND POST
7R	210+37	RT	EXISTING			MAST ARM	POPLAR WAY	REMOVE SIGN	65R	311+08	RT	EXISTING			WOOD	SPEED LIMIT 35	REMOVE SIGN
8R	110+37	LT	EXISTING			MAST ARM	NO LEFT TURN	REMOVE SIGN	65	312+00	RT	R2-1	30	24	WOOD	SPEED LIMIT 35	INSTALL NEW SIGN AND POST
9R	110+37	LT	EXISTING			MAST ARM	POPLAR WAY	REMOVE SIGN	66R	311+65	LT	EXISTING			METAL	ACCESSIBLE PARKING	REMOVE SIGN
10R	110+37	LT	EXISTING			MAST ARM	NO LEFT TURN	REMOVE SIGN	67R	311+76	LT	EXISTING			METAL	ACCESSIBLE PARKING	REMOVE SIGN
11R	110+37	LT	EXISTING			MAST ARM	196TH ST SW	REMOVE SIGN	68R	412+36	LT	EXISTING			WOOD	SIDE ROAD	REMOVE SIGN
12R	110+37	LT	EXISTING			MAST ARM	LEFT TURN ONLY	REMOVE SIGN	69R	412+73	LT	EXISTING			WOOD	REVERSE CURVE	REMOVE SIGN
13R	110+37	LT	EXISTING			MAST ARM	LEFT TURN ONLY	REMOVE SIGN	70	312+68	LT	R7-8	12	18	WOOD	ACCESSIBLE PARKING	INSTALL NEW SIGN AND POST
14R	110+37	LT	EXISTING			MAST ARM	RIGHT TURN ONLY	REMOVE SIGN	71	312+86	LT	R7-8	12	18	WOOD	ACCESSIBLE PARKING	INSTALL NEW SIGN AND POST
15R	110+41	LT	EXISTING			WOOD	CHEVRON ALIGNMENT LEFT	REMOVE SIGN	72	312+86	LT	R7-8P	18	9	WOOD	VAN ACCESSIBLE	LOCATE BELOW SIGN #71
16R	110+42	RT	EXISTING			WOOD	CHEVRON ALIGNMENT RIGHT	REMOVE SIGN	73	314+35	LT	M4-5B	24	12	WOOD	TO	INSTALL NEW SIGN AND POST
17	105+40	RT	EXISTING			2 METAL	CITY OF LYNNWOOD	RELOCATE SIGN ON NEW POST	74	314+35	LT	M1-1	24	24	WOOD	I-5	LOCATE BELOW SIGN #73
18	105+40	RT	EXISTING			2 METAL	ALDERWOOD SHOPPING THRU*	LOCATE BELOW SIGN #17	75	314+35	LT	M6-1BL	21	15	WOOD	LEFT ARROW	LOCATE BELOW SIGN #74
19	105+40	RT	EXISTING			2 METAL	CONVENTION CENTER LEFT TURN	LOCATE BELOW SIGN #18	76	211+40	LT				WOOD	INTERURBAN TRAIL	RELOCATE SIGN ON NEW POST
20	105+40	RT	EXISTING			2 METAL	CWU LYNNWOOD LEFT TURN	LOCATE BELOW SIGN #19	77R	601+94	LT	EXISTING			WOOD	RIGHT ARROW 20 M.P.H.	REMOVE SIGN
21	105+40	RT	EXISTING			2 METAL	GOLF COURSE LEFT TURN	LOCATE BELOW SIGN #20	77A	601+85	LT	W1-6R	48	24	WOOD	RIGHT ARROW	INSTALL NEW SIGN AND POST
22	105+40	RT	EXISTING			2 METAL	CIVIC CENTER LEFT TURN	LOCATE BELOW SIGN #21	77B	601+85	LT	W13-1P	18	18	WOOD	20 M.P.H.	LOCATE BELOW SIGN #77A
23	114+42	LT	M4-5B	24	12	LIGHT POLE	TO	INSTALL NEW SIGN ON LUMINAIRE NO. C13	78R	601+83	RT	EXISTING			WOOD	FREEWAY ENTRANCE	REMOVE SIGN
24	114+42	LT	M1-1	24	24	LIGHT POLE	I-5	LOCATE BELOW SIGN #23	79R	601+83	RT	EXISTING			WOOD	PEDESTRIANS HITCHHIKERS BICYCLISTS PROHIBITED	REMOVE SIGN
25	114+42	LT	M3-1B	24	12	LIGHT POLE	NORTH	LOCATE BELOW SIGN #24	80R	602+03	LT	EXISTING			WOOD	FREEWAY ENTRANCE	REMOVE SIGN
26	114+42	LT	M6-3B	21	15	LIGHT POLE	STRAIGHT ARROW	LOCATE BELOW SIGN #25	81R	601+35	RT	EXISTING			STEEL	RAMP METERED AHEAD WHEN FLASHING	REMOVE SIGN
27	114+42	LT	M3-3B	24	12	LIGHT POLE	SOUTH	LOCATE BELOW SIGN #26	78	601+83	RT	D13-3	30	48	LIGHT POLE	FREEWAY ENTRANCE	INSTALL NEW SIGN ON LUMINAIRE NO. P32
28	114+42	LT	M6-1BR	21	15	LIGHT POLE	RIGHT ARROW	LOCATE BELOW SIGN #27	79	601+83	RT	R5-1002	18	18	LIGHT POLE	PEDESTRIANS HITCHHIKERS BICYCLISTS PROHIBITED	LOCATE BELOW SIGN # 78
29	308+76	LT	EXISTING			METAL	COMMUNITY TRANSIT BUS STOP	RELOCATE SIGN ON NEW POST	80	602+25	LT	D13-3	30	48	WOOD	FREEWAY ENTRANCE	INSTALL NEW SIGN AND POST
30R	309+50	LT	EXISTING			MAST ARM	33RD AVE W	REMOVE SIGN	81	601+35	RT	W3-8	36	36	WOOD	RAMP METERED AHEAD WHEN FLASHING	INSTALL NEW SIGN AND POST - SEE ITS PLANS FOR POST DETAILS
31R	309+18	RT	EXISTING			WOOD	TRAFFIC ARROWS	REMOVE SIGN	82R	213+38	LT	EXISTING			METAL	NO SIGN - POST ONLY	REMOVE POST
32R	309+76	RT	EXISTING			MAST ARM	ALDERWOOD MALL BLVD	REMOVE SIGN	83R	213+95	LT	EXISTING			WOOD	RIGHT LANE MUST TURN RIGHT	REMOVE SIGN
33R	310+35	RT	EXISTING			WOOD	BIKES ON DOWNHILL	REMOVE SIGN	83	213+95	LT	R3-7	30	30	LIGHT POLE	RIGHT LANE MUST TURN RIGHT	INSTALL NEW SIGN ON LUMINAIRE NO. P34
34R	310+51	RT	EXISTING			MAST ARM	LEFT TURN YIELD ON GREEN	REMOVE SIGN									
35R	310+51	RT	EXISTING			MAST ARM	33RD AVE W	REMOVE SIGN									
36	311+35	RT	EXISTING			METAL	COMMUNITY TRANSIT BUS STOP	RELOCATE SIGN ON NEW POST									
37R	310+56	RT	EXISTING			WOOD	NO MOTOR VEHICLES	REMOVE SIGN									
38	407+50	RT	EXISTING			METAL	INTERURBAN TRAIL	RELOCATE SIGN ON NEW POST									
39	310+75	RT	EXISTING			METAL	INTERURBAN TRAIL	RELOCATE SIGN ON NEW POST									
40	410+47	RT	OM3-L	6	18	WOOD	OBJECT MARKER	INSTALL NEW SIGN AND POST									
41	410+53	LT	OM3-R	6	18	WOOD	OBJECT MARKER	INSTALL NEW SIGN AND POST									
42	117+20	LT	EXISTING			METAL	INTERURBAN TRAIL	RELOCATE SIGN ON NEW POST									
43	117+53	LT	R3-5R	18	24	WOOD	RIGHT TURN ONLY	INSTALL NEW SIGN AND POST									
44	117+68	LT	R7-8	12	18	WOOD	ACCESSIBLE PARKING	INSTALL NEW SIGN AND POST									
45R	118+86	LT	EXISTING			METAL	STOP	REMOVE SIGN									
45	118+86	LT	R1-1	30	30	METAL	STOP	INSTALL NEW SIGN AND POST									

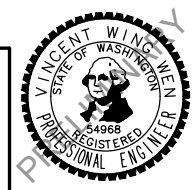
GENERAL NOTE:

- METAL POSTS SHALL BE TYPE ST-4 PER WSDOT STD. PLAN G-24.50-03.
- SIGN PLACEMENT SHALL BE PER MUTCD. SIGN LOCATIONS SHALL BE APPROVED BY ENGINEER PRIOR TO PLACEMENT.
- SEE SIGNAL PLANS FOR INFORMATION REGARDING PROPOSED SIGNS ON MAST ARMS.
- SEE DWG. NO. IL14 FOR LUMINAIRE SCHEDULE.

*MODIFIED - SEE DRAWING NO. CH15

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May 09, 2023 - 12:29pm seen.delavarpour X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156 CH15.dwg Layout Name: CH15



Drawn By S. DELAVARPOUR Date 5/2023
Designed By E. BORGES Date 5/2023
Checked By V. WEN Date 5/2023
Approved By V. WEN Date 5/2023

SCALE
Horiz
Vert
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
SIGN SCHEDULE

Drawing No. CH15
Sheet No. X of Total

No.	Date	Revision	By	Appr.

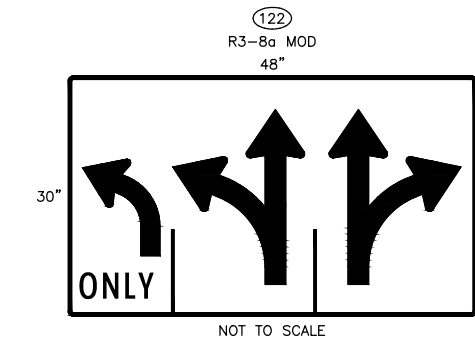
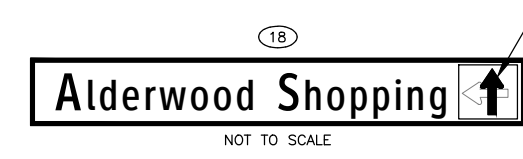
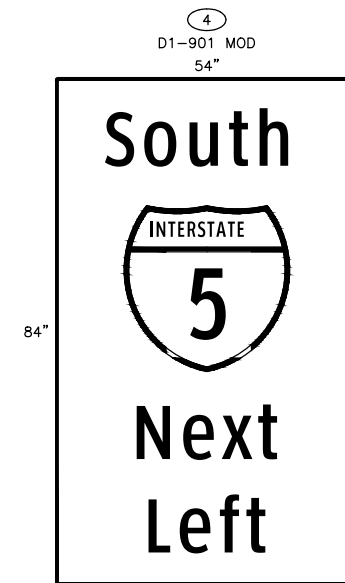
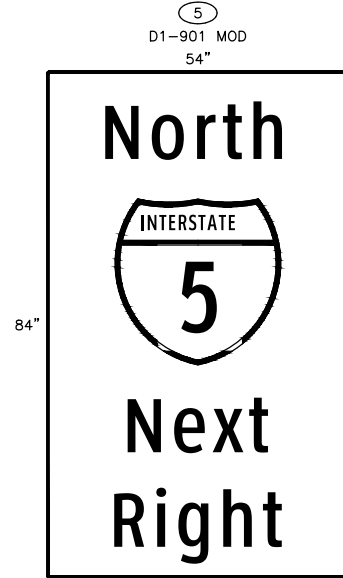
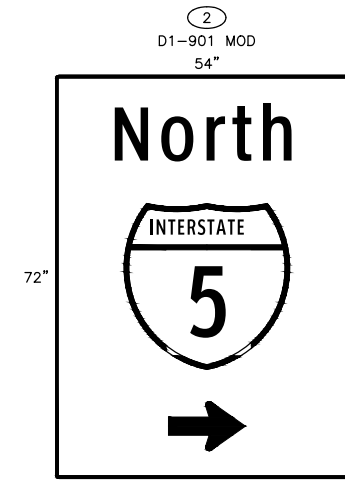
SIGN SCHEDULE

SIGN NO.	STATION	OFFSET	SIGN TYPE	SIZE		POST TYPE	DESCRIPTION	REMARKS
				X (IN)	Y (IN)			
84R	214+63	LT	EXISTING			WOOD	RIGHT LANE MUST TURN RIGHT	REMOVE SIGN
84	214+68	LT	R3-7	30	30	LIGHT POLE	RIGHT LANE MUST TURN RIGHT	INSTALL NEW SIGN ON LUMINAIRE NO. C32
85R	213+46	RT	EXISTING			WOOD	SPEED LIMIT 35	REMOVE SIGN
85	213+23	RT	R2-1	30	24	LIGHT POLE	SPEED LIMIT 35	INSTALL NEW SIGN ON LUMINAIRE NO. C31
86R	215+08	RT	EXISTING			LIGHT POLE	NO PARKING ANY TIME	REMOVE SIGN
86	215+39	RT	R7-1	18	12	LIGHT POLE	NO PARKING ANY TIME	INSTALL NEW SIGN ON LUMINAIRE NO. P37
87	SEE DWG. SG1		S1			MAST ARM	STREET NAME	SEE NOTE 3
88	SEE DWG. SG1		S1			MAST ARM	STREET NAME	SEE NOTE 3
89	SEE DWG. SG1		S2			MAST ARM	STREET NAME	SEE NOTE 3
90	SEE DWG. SG1		S3			MAST ARM	STREET NAME	SEE NOTE 3
91	SEE DWG. SG1		S4			MAST ARM	LEFT TURN ONLY	SEE NOTE 3
92	SEE DWG. SG7/SG8		S1			MAST ARM	STREET NAME	SEE NOTE 3
93	SEE DWG. SG7/SG8		S1			MAST ARM	STREET NAME	SEE NOTE 3
94	SEE DWG. SG7/SG8		S2			MAST ARM	STREET NAME	SEE NOTE 3
95	SEE DWG. SG7/SG8		S2			MAST ARM	STREET NAME	SEE NOTE 3
96	SEE DWG. SG7/SG8		S3			MAST ARM	LEFT TURN ONLY	SEE NOTE 3
97	SEE DWG. SG7/SG8		S3			MAST ARM	LEFT TUN ONLY	SEE NOTE 3
98	SEE DWG. SG7/SG8		S4			MAST ARM	NO LEFT TURN	SEE NOTE 3
99	SEE DWG. SG7/SG8		S4			MAST ARM	NO LEFT TURN	SEE NOTE 3
100	SEE DWG. SG7/SG8		S5			MAST ARM	RIGHT TURN ONLY	SEE NOTE 3
101	507+38	LT	R9-3	18	18	METAL	NO PEDESTRIAN CROSSING	INSTALL NEW SIGN AND POST
102	507+42	RT	R9-3	18	18	METAL	NO PEDESTRIAN CROSSING	INSTALL NEW SIGN AND POST
103	507+42	RT	R9-3	18	18	METAL	NO PEDESTRIAN CROSSING	LOCATE OPPOSITE SIGN #102
104	103+60	LT	R9-3	18	18	WOOD	NO PEDESTRIAN CROSSING	INSTALL NEW SIGN AND POST
105	103+05	LT	R9-3	18	18	SIGNAL POLE	NO PEDESTRIAN CROSSING	INSTALL NEW SIGN ON EXISTING SIGNAL POLE
106	103+09	RT	R9-3	18	18	SIGNAL POLE	NO PEDESTRIAN CROSSING	INSTALL NEW SIGN ON EXISTING SIGNAL POLE
107	209+00	RT	R9-3	18	18	WOOD	NO PEDESTRIAN CROSSING	INSTALL NEW SIGN AND POST
108	109+52	LT	R9-3	18	18	SIGNAL POLE	NO PEDESTRIAN CROSSING	INSTALL NEW SIGN ON NEW SIGNAL POLE
109	109+52	LT	R9-3	18	18	SIGNAL POLE	NO PEDESTRIAN CROSSING	LOCATE OPPOSITE SIGN #108
110	209+35	RT	R9-3	18	18	METAL	NO PEDESTRIAN CROSSING	INSTALL NEW SIGN AND POST
111	209+34	LT	R9-3	18	18	SIGNAL POLE	NO PEDESTRIAN CROSSING	INSTALL NEW SIGN ON EXISTING SIGNAL POLE
112	109+40	RT	R9-3	18	18	METAL	NO PEDESTRIAN CROSSING	INSTALL NEW SIGN AND POST
113	211+10	LT	R3-7	30	30	WOOD	RIGHT LANE MUST TURN RIGHT	INSTALL NEW SIGN AND POST
114	111+00	RT	R3-17	24	18	METAL	BIKE LANE	INSTALL NEW SIGN AND POST
115	111+42	LT	R3-17	24	18	LIGHT POLE	BIKE LANE	INSTALL NEW SIGN ON LUMINAIRE NO. C9
116	111+42	LT	R3-17bP	24	8	LIGHT POLE	BIKE LANE ENDS	LOCATE BELOW SIGN #115
117	114+85	LT	R3-17	24	18	LIGHT POLE	BIKE LANE	INSTALL NEW SIGN ON LUMINAIRE NO. P13
118	115+75	RT	R3-17	24	18	LIGHT POLE	BIKE LANE	INSTALL NEW SIGN ON LUMINAIRE NO. C16
119	115+75	RT	R3-17bP	24	8	LIGHT POLE	BIKE LANE ENDS	LOCATE BELOW SIGN #11
120	307+23	LT	EXISTING			WOOD	SUNDAY GUEST PARKING OFFICE	RELOCATE SIGN ON NEW POST
121	211+83	LT	R3-7	30	30	LIGHT POLE	RIGHT LANE MUST TURN RIGHT	INSTALL NEW SIGN ON LUMINAIRE NO. C28
122	509+05	LT	R3-8a*	48	30	WOOD	ADVANCE INTERSECTION LANE CONTROL	INSTALL NEW SIGN AND POST

*MODIFIED - SEE THIS DRAWING

GENERAL NOTE:

- METAL POSTS SHALL BE TYPE ST-4 PER WSDOT STD. PLAN G-24.50-03.
- SIGN PLACEMENT SHALL BE PER MUTCD. SIGN LOCATIONS SHALL BE APPROVED BY ENGINEER PRIOR TO PLACEMENT.
- SEE SIGNAL PLANS FOR INFORMATION REGARDING PROPOSED SIGNS ON MAST ARMS.
- SEE DWG. NO. IL14 FOR LUMINAIRE SCHEDULE.



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May 09, 2023 - 12:29pm X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156 CH16.dwg Layout Name: CH16 seen.delavarpour



Drawn By: S. DELAVARPOUR Date: 5/2023
Designed By: E. BORGES Date: 5/2023
Checked By: V. WEN Date: 5/2023
Approved By: V. WEN Date: 5/2023

SCALE: Horiz, Vert
Project Number: 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE

SIGN SCHEDULE

Drawing No. CH16
Sheet No. X of Total

CONSTRUCTION NOTES:

- 1 CONSTRUCT FOUNDATION PER WSDOT STD. PLAN J-28.30-03. INSTALL TYPE 1 LIGHT STANDARD PER WSDOT STD. PLAN J-28.10-02.
- 2 CONSTRUCT FOUNDATION PER CITY OF LYNNWOOD STD. DWG. TR-ILL-1. INSTALL STREETSCAPE LIGHT TYPE 1 PER CITY OF LYNNWOOD STD. DWG. CC-ILL-5.
- 3 CONSTRUCT FOUNDATION PER CITY OF LYNNWOOD STD. DWG. TR-ILL-1. INSTALL STREETSCAPE LIGHT TYPE 2 PER CITY OF LYNNWOOD STD. DWG. CC-ILL-6.
- 4 CONSTRUCT FOUNDATION PER CITY OF LYNNWOOD STD. DWG. TR-ILL-1. INSTALL STREETSCAPE PEDESTRIAN LIGHT TYPE 2 PER CITY OF LYNNWOOD STD. DWG. CC-ILL-6.
- 5 INSTALL STREETSCAPE LIGHT TYPE 2 ON STRUCTURE PER DETAIL DRAWING NO. BR49. SEE DETAIL DRAWING NO. IL20 FOR MODIFIED BANNER SIZE AND MOUNTING HEIGHT.
- 6 INSTALL STREETSCAPE PEDESTRIAN LIGHT TYPE 2 ON STRUCTURE PER DETAIL DRAWING NO. BR49.
- 7 EXTEND CONDUIT INTO EXISTING JUNCTION BOX.
- 8 INSTALL LED WALLPACK ON STRUCTURE PER DETAIL ON DRAWING NO. IL19.
- 9 RGS CONDUIT PER PLAN. ATTACH PER DETAIL DRAWING NO. IL18.
- 10 REMOVE AND REPLACE EXISTING LIGHT FIXTURE AND LAMP WITH 185W LED 700MA TYPE III 4000K LAMP.
- 11 CONSTRUCT FOUNDATION PER WSDOT STD. PLAN J-10.10-04. PROVIDE AND INSTALL SERVICE CABINET TYPE E PER WSDOT STD. PLAN J-10.22-02.
- 12 CONSTRUCT FOUNDATION PER CITY OF LYNNWOOD STD. DWG. TR-ILL-1. INSTALL STREETSCAPE PEDESTRIAN LIGHT TYPE 1 PER CITY OF LYNNWOOD STD. DWG. NO. CC-ILL-5.
- 13 INTERCEPT EXISTING CONDUIT AND EXTEND TO PROPOSED JUNCTION BOX. SPLICE NEW WIRES TO EXISTING.
- 14 CONSTRUCT SPECIAL FOUNDATION, SEE WALL PLANS, INSTALL STREETSCAPE LIGHT TYPE 2 ON STRUCTURE PER DETAIL DRAWING NO. WD7.
- 15 PROTECT AND MAINTAIN EXISTING LUMINAIRE.
- 16 INSTALL LED UNDERDECK LUMINAIRE PER DETAIL DRAWING NO. IL19.
- 17 SPLICE NEW WIRES TO EXISTING ILLUMINATION CONDUCTORS.
- 18 REMOVE AND REPLACE EXISTING JUNCTION BOX WITH TYPE 1 JUNCTION BOX PER CITY OF LYNNWOOD DRAWING TR-TC-32.
- 19 REMOVE AND REPLACE EXISTING JUNCTION BOX WITH TYPE 2 JUNCTION BOX PER WSDOT STD. PLAN J-40.10-04.
- 20 INSTALL SERVICE CABINET PER DETAIL DRAWING NO. IL17.
- 21 INSTALL RGB PATHWAY LIGHTING PER DETAIL DRAWING IL____. TO BE PROVIDED AT 100% SUBMITTAL.
- 22 CONDUIT SHALL BE DIRECTIONALLY BORED IN ACCORDANCE WITH STD. SPEC. 8-20.3(5)E4.
- 23 RELOCATE EXISTING LUMINAIRE ON NEW FOUNDATION. MATCH EXISTING BOLT PATTERN. SPLICE NEW WIRES TO EXISTING CONDUCTORS IN NEAREST JUNCTION BOX.
- 24 INSTALL SERVICE CABINET PER DETAIL DWG. NO. IL16.
- 25 INTERCEPT EXISTING CONDUIT AND EXTEND TO PROPOSED JUNCTION BOX.
- 26 INSTALL 6" X 6" X 18" SURFACE MOUNT NEMA 4X JUNCTION BOX PER WSDOT STD. PLAN J-40.38-01.
- 27 INSTALL SIGN LIGHT PER DETAIL ON DWG. NO. IL20.

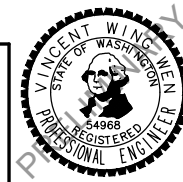
REMOVAL NOTES:

- 1 REMOVE AND SALVAGE EXISTING LUMINAIRE. REMOVE AND BACKFILL EXISTING FOUNDATION. RETURN LUMINAIRE TO WSDOT SIGNAL SHOP.
- 2 REMOVE EXISTING JUNCTION BOX.
- 3 REMOVE OR ABANDON EXISTING CONDUIT. REMOVE EXISTING CONDUCTORS NOT DESIGNATED FOR REUSE.
- 4 REMOVE AND SALVAGE EXISTING LUMINAIRE. REMOVE AND BACKFILL EXISTING FOUNDATION. RETURN LUMINAIRE TO CITY OF LYNNWOOD SIGNAL SHOP.
- 5 REMOVE AND SALVAGE EXISTING SERVICE CABINET TYPE E. RETURN CABINET TO WSDOT.
- 6 REMOVE AND SALVAGE EXISTING SERVICE CABINET. RETURN CABINET TO CITY OF LYNNWOOD SIGNAL SHOP.

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May 09, 2023 - 12:29pm sean.delavarpour X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156_IL.dwg Layout Name: IL1

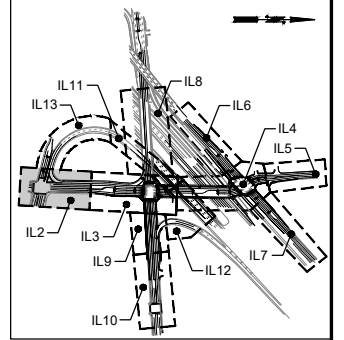
No.	Date	Revision	By	Appr.



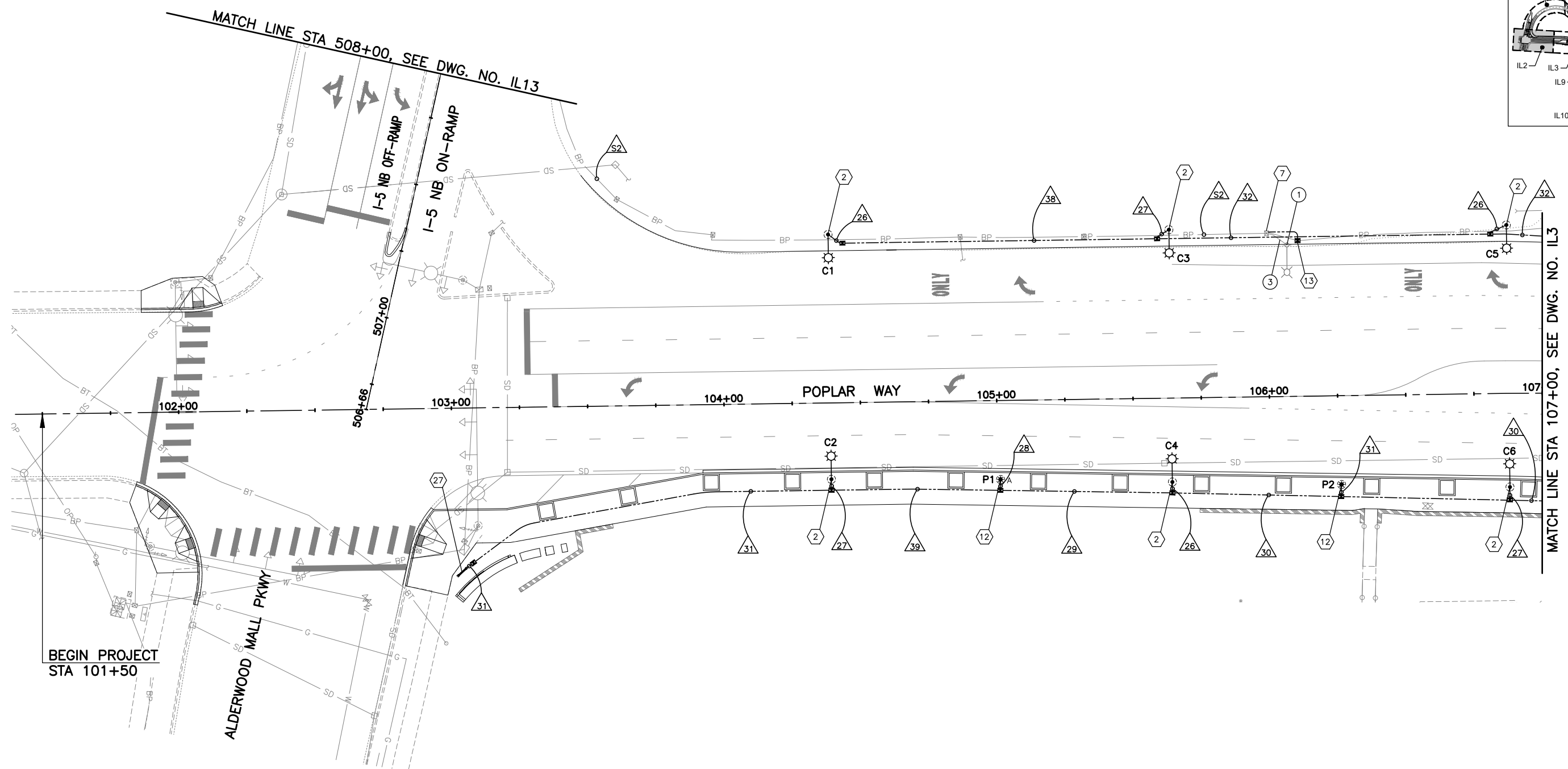
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S. DELAVARPOUR	5/2023	Horiz
Designed By		Vert
E. BORGES	5/2023	Project Number
Checked By		20100156
V. WEN	5/2023	
Approved By		
V. WEN	5/2023	

CITY OF LYNNWOOD	
POPLAR WAY EXTENSION BRIDGE	
ILLUMINATION NOTES	

Drawing No.	IL1
Sheet No.	X
of Total	



KEY MAP
NTS



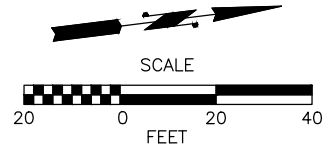
BEGIN PROJECT
STA 101+50

ALDERWOOD MALL PKWY

POPLAR WAY

GENERAL NOTES:

1. SEE DRAWING IL1 FOR ILLUMINATION NOTES.
2. SEE DRAWING IL11 FOR ILLUMINATION ALONG I-5.
3. SEE DRAWING IL14 FOR LUMINAIRE SCHEDULE.
4. SEE DRAWING IL15 & IL16 FOR WIRING SCHEDULE.
5. SEE DRAWING IL17 FOR BREAKER SCHEDULE.



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May 09, 2023 12:22pm X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge_CADD_v.2014\Plan Sheets\20100156_IL.dwg Layout Name: IL2 sean.delavarpour

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON

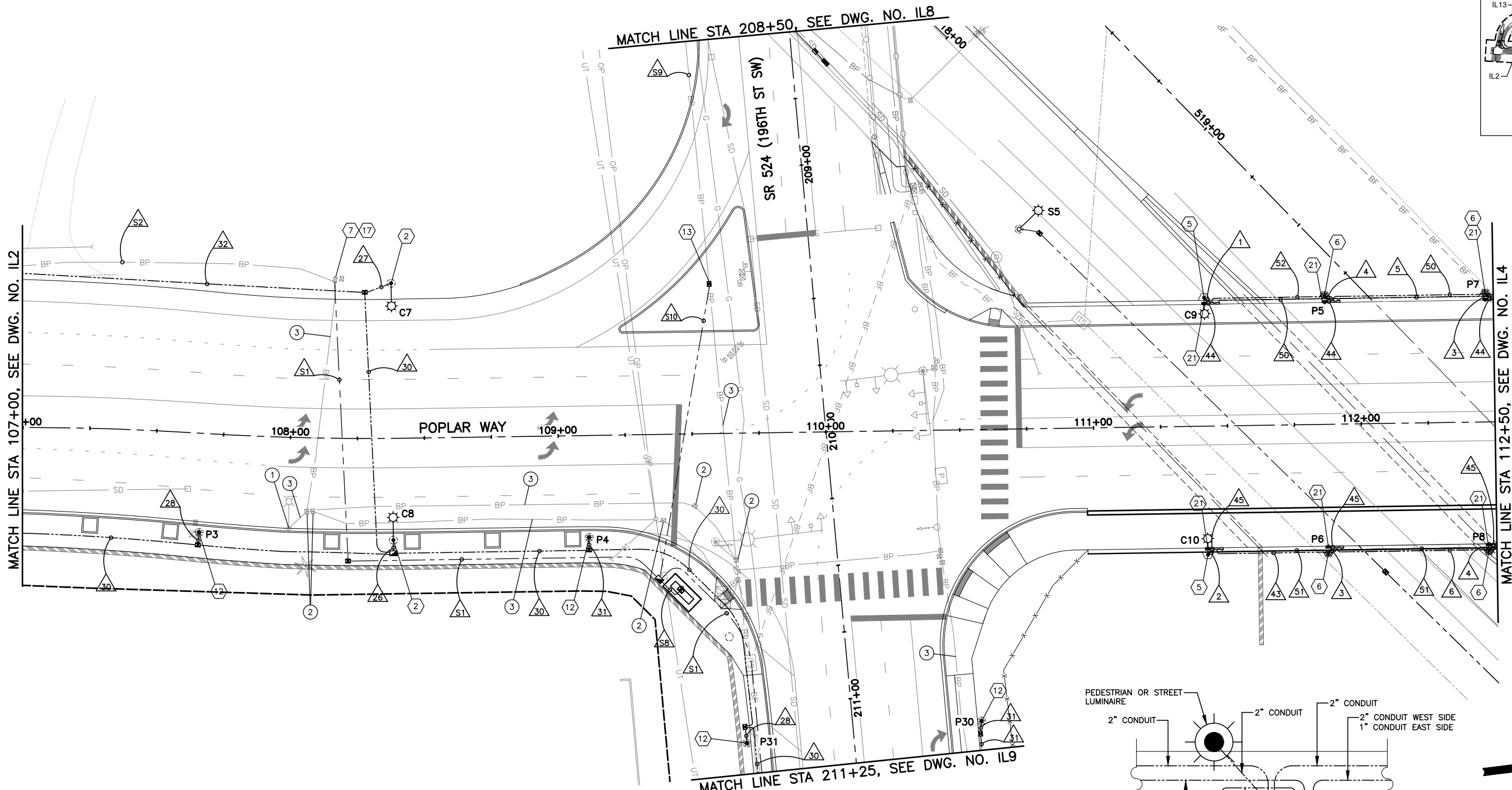
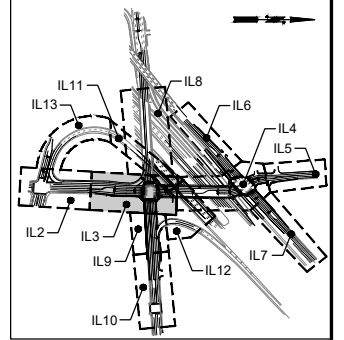


Drawn By S. DELAVARPOUR	Date 5/2023
Designed By E. BORGES	5/2023
Checked By V. WEN	5/2023
Approved By V. WEN	5/2023

SCALE	1"=20'
Horiz	1"=20'
Vert	1"=20'
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
B.O.P. TO STA 107+00
ILLUMINATION PLAN

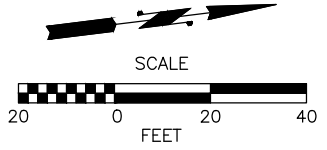
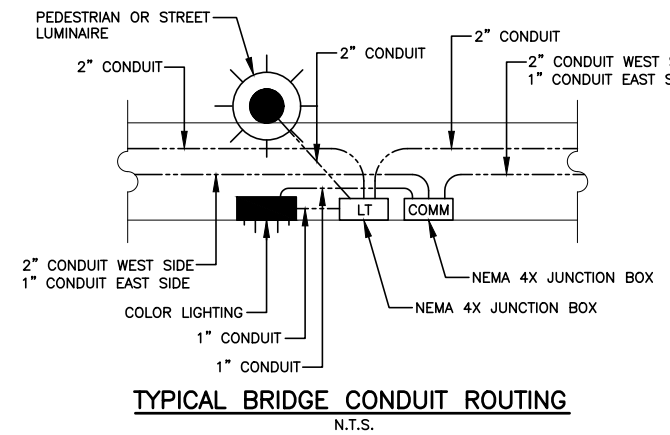
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Sheet No.	X
of Total	



GENERAL NOTES:

1. SEE DRAWING IL1 FOR ILLUMINATION NOTES.
2. SEE DRAWING IL11 FOR ILLUMINATION ALONG I-5.
3. SEE DRAWING IL14 FOR LUMINAIRE SCHEDULE.
4. SEE DRAWING IL15 & IL16 FOR WIRING SCHEDULE.
5. SEE DRAWING IL17 FOR BREAKER SCHEDULE.

NOTE TO REVIEWER:
 COLORED PATHWAY LIGHTING DETAILS
 TO BE PROVIDED AT 100% SUBMITTAL



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May 09, 2023 - 12:30pm
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 Layout Name: IL3
 sean.delavarpour

No.	Date	Revision	By	Appr.

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LYNNWOOD WASHINGTON



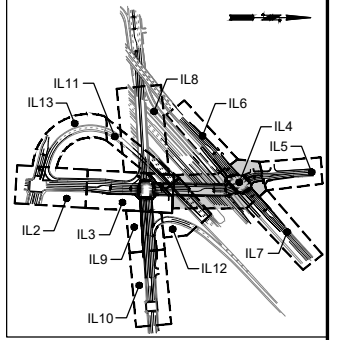
Drawn By
 S. DELAVARPOUR
 Designed By
 E. BORGES
 Checked By
 V. WEN
 Approved By
 V. WEN

Date
 5/2023
 5/2023
 5/2023
 5/2023

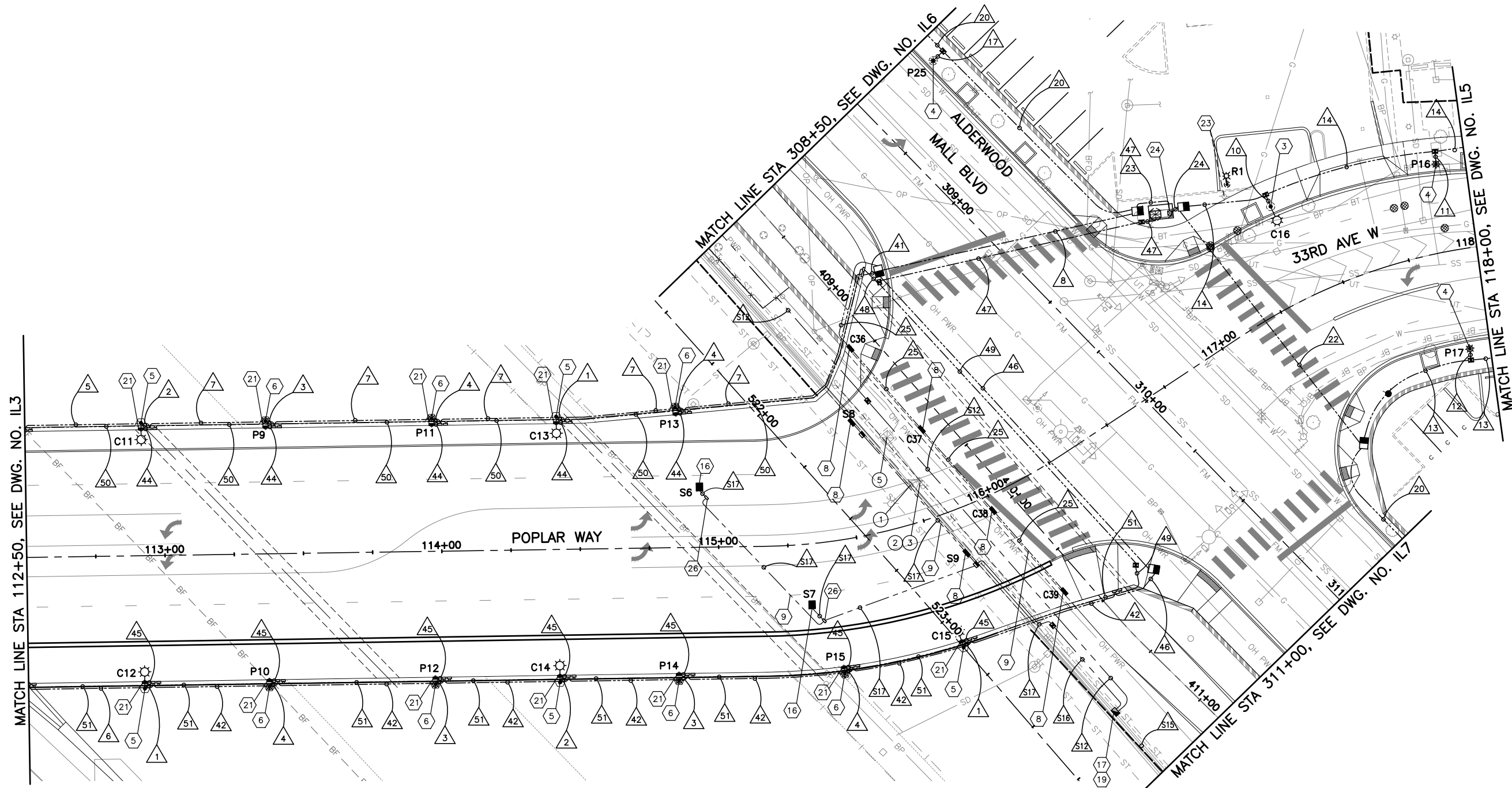
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 Horiz
 1"=20'
 Vert
 Project Number
 20100156

CITY OF LYNNWOOD
 POPLAR WAY EXTENSION BRIDGE
 STA 107+00 TO STA 112+50
 ILLUMINATION PLAN

Drawing No.
IL3
 Sheet No.
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 of Total

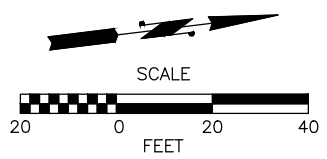


KEY MAP
NTS



NOTE TO REVIEWER:
COLORED PATHWAY LIGHTING DETAILS
TO BE PROVIDED AT 100% SUBMITTAL

- GENERAL NOTES:**
1. SEE DRAWING IL1 FOR ILLUMINATION NOTES.
 2. SEE DRAWING IL11 FOR ILLUMINATION ALONG I-5.
 3. SEE DRAWING IL14 FOR LUMINAIRE SCHEDULE.
 4. SEE DRAWING IL15 & IL16 FOR WIRING SCHEDULE.
 5. SEE DRAWING IL17 FOR BREAKER SCHEDULE.



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May 09, 2023 12:30pm sean.delavarpour X:\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156_IL.dwg Layout Name: IL4

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD WASHINGTON

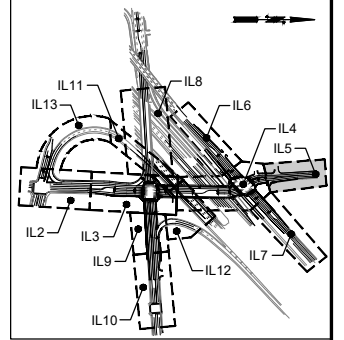


Drawn By: S. DELAVARPOUR Date: 5/2023
Designed By: E. BORGES Date: 5/2023
Checked By: V. WEN Date: 5/2023
Approved By: V. WEN Date: 5/2023

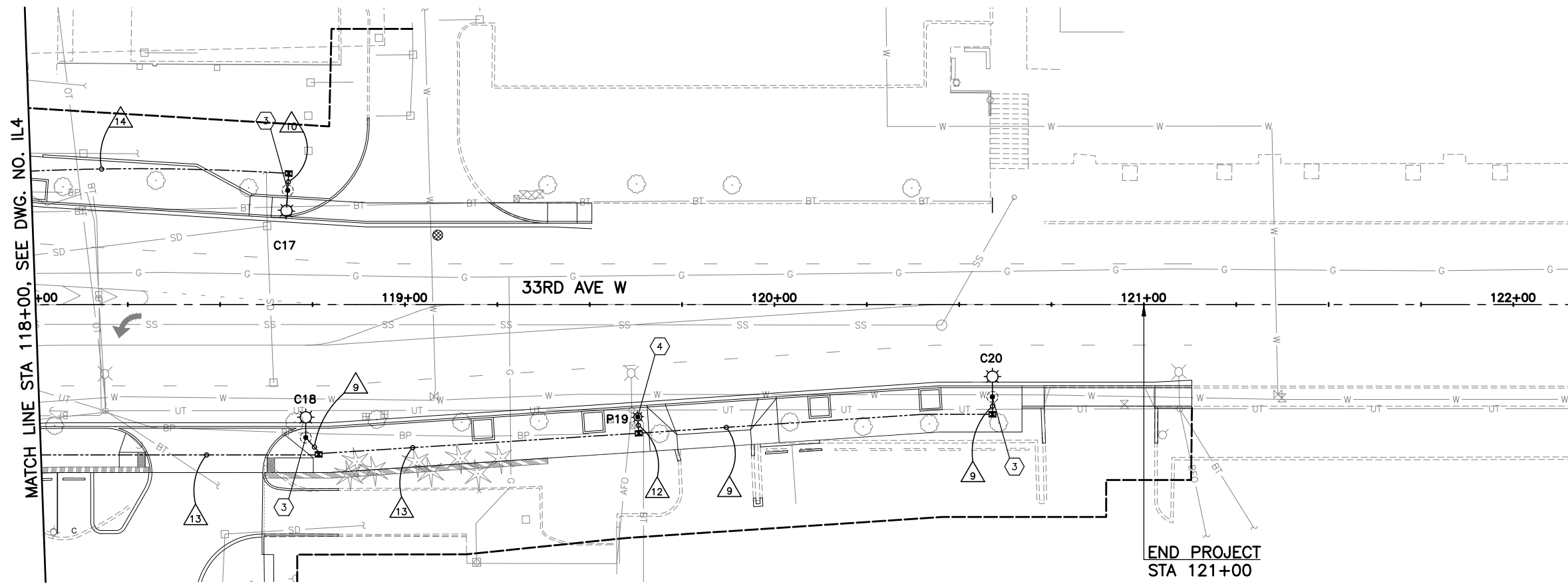
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Horiz: 1"=20'
Vert: 1"=10'
Project Number: 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 112+50 TO STA 118+00
ILLUMINATION PLAN

Drawing No. **IL4**
Sheet No. **X**
of Total



KEY MAP
NTS

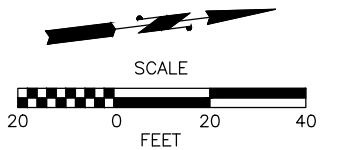


END PROJECT
STA 121+00

MATCH LINE STA 118+00, SEE DWG. NO. IL4

GENERAL NOTES:

1. SEE DRAWING IL1 FOR ILLUMINATION NOTES.
2. SEE DRAWING IL11 FOR ILLUMINATION ALONG I-5.
3. SEE DRAWING IL14 FOR LUMINAIRE SCHEDULE.
4. SEE DRAWING IL15 & IL16 FOR WIRING SCHEDULE.
5. SEE DRAWING IL17 FOR BREAKER SCHEDULE.



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May 09, 2023 12:30pm sean.delavarpour X:\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 IL.dwg Layout Name: IL5

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON

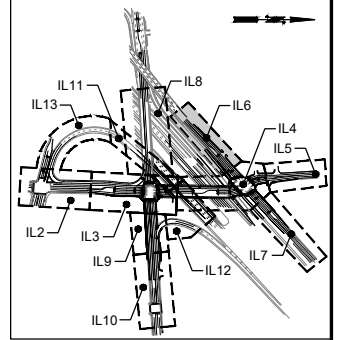
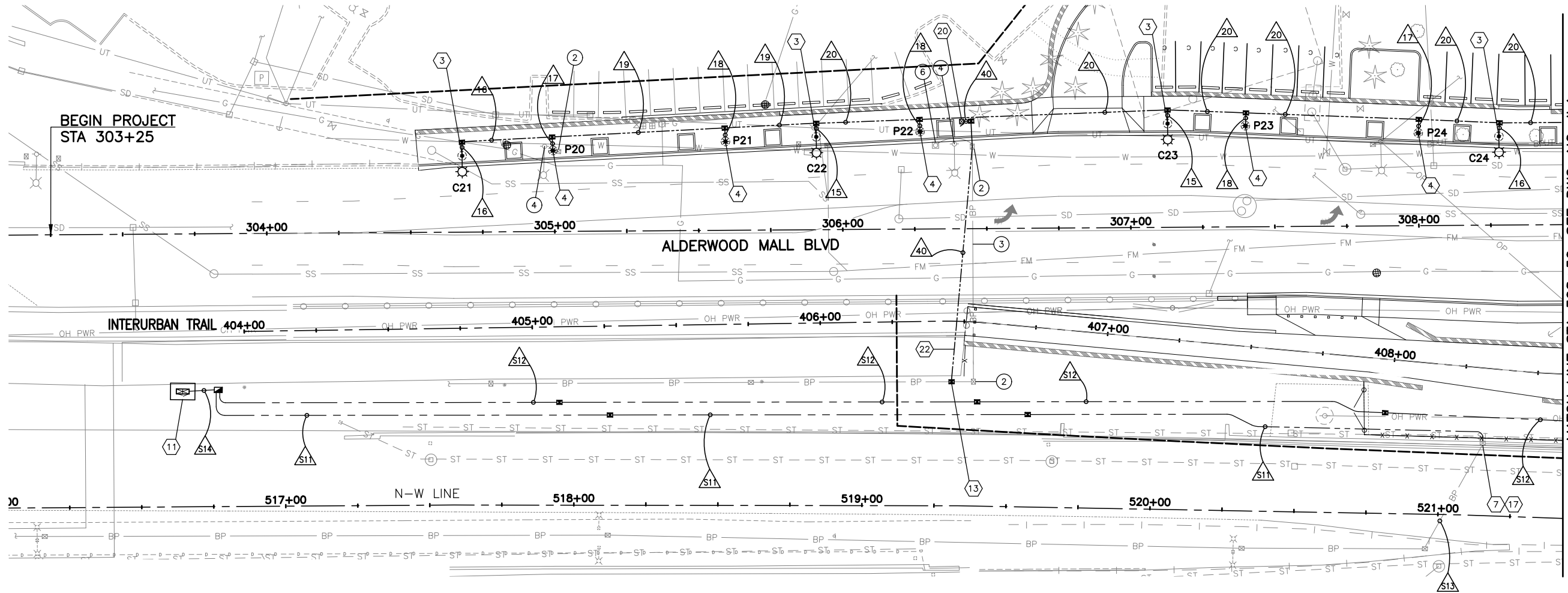


Drawn By	Date
S. DELAVARPOUR	5/2023
Designed By	
E. BORGES	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

SCALE
Horiz 1"=20'
Vert
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 118+00 TO E.O.P.
ILLUMINATION PLAN

Drawing No.	IL5
Sheet No.	X
of Total	



KEY MAP
NTS

MATCH LINE STA 308+50, SEE DWG. NO. IL4

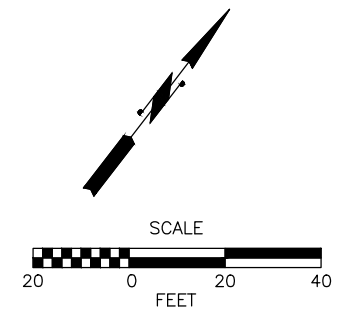
**WSDOT BREAKER SCHEDULE
TYPE E SERVICE**

SUA 4730
240/480V

CIRCUIT	DESCRIPTION	BREAKER RATING	CONTACTOR RATING	VOLTAGE	LOAD (KVA)
	MAIN	100 A	N.A.	240	N.A.
A	ILLUMINATION #A	30 A	30	240	16.00
B	ILLUMINATION #B	30 A	30	240	5.60
C	ILLUMINATION #C	30 A	30	240	5.60
D	ILLUMINATION #D	30 A	30	240	0.25
E	ILLUMINATION #E	30 A	30	240	-
F	SPARE	20 A		240	-
G	SPARE	20 A		240	-
H	SIGNAL	50 A	50	120	-
I	GFCI	20 A	20	120	1.80
J	HEAT STRIP	15 A	15	120	0.10
K	PHOTOCELL	15 A	15	120	0.01
				PEAK	29.36
				CONTINUOUS	29.36

GENERAL NOTES:

- SEE DRAWING IL1 FOR ILLUMINATION NOTES.
- SEE DRAWING IL11 FOR ILLUMINATION ALONG I-5.
- SEE DRAWING IL14 FOR LUMINAIRE SCHEDULE.
- SEE DRAWING IL15 & IL16 FOR WIRING SCHEDULE.
- SEE DRAWING IL17 FOR BREAKER SCHEDULE.



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May 09, 2023 12:30pm sean.delavarpour X:\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156_IL.dwg Layout Name: IL6

No.	Date	Revision	By	Appr.

PERTEET
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Drawn By: S. DELAVARPOUR Date: 5/2023
Designed By: E. BORGES Date: 5/2023
Checked By: V. WEN Date: 5/2023
Approved By: V. WEN Date: 5/2023

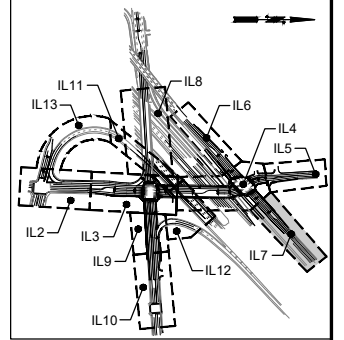
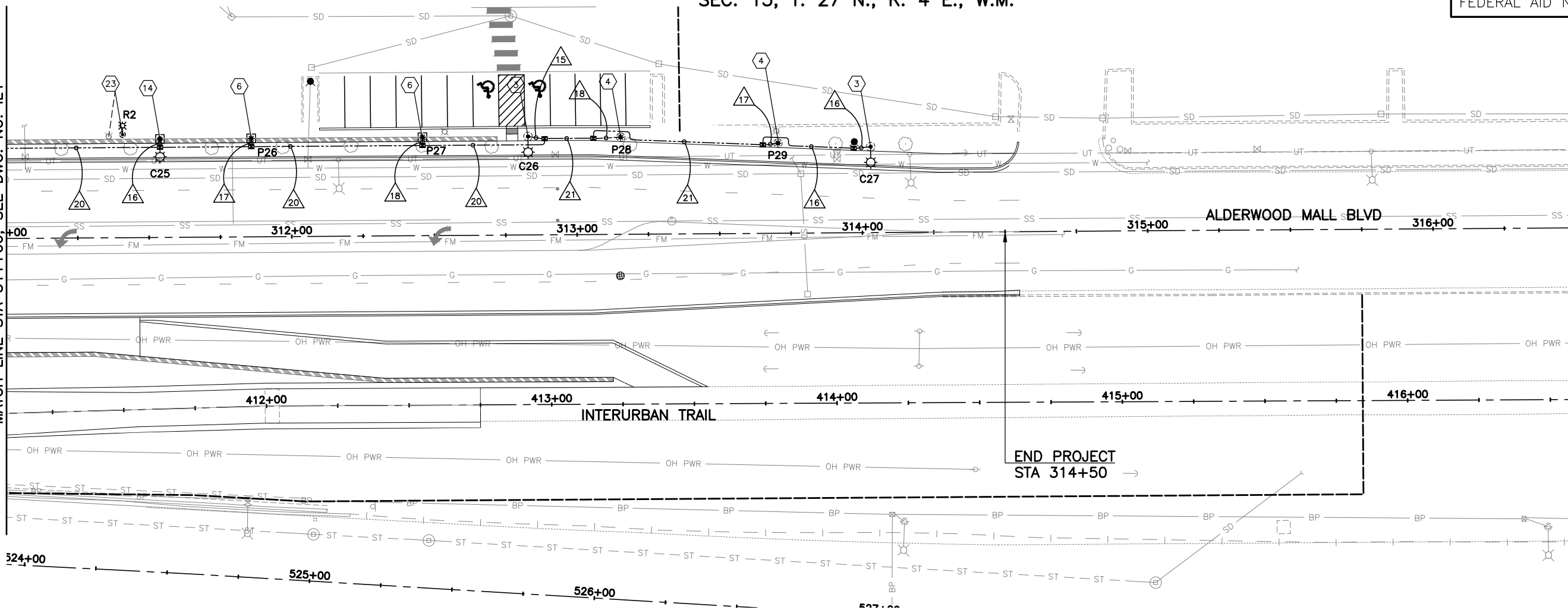
SCALE
Horiz 1"=20'
Vert
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
B.O.P. TO STA 308+50
ILLUMINATION PLAN

Drawing No. IL6
Sheet No. X
of Total

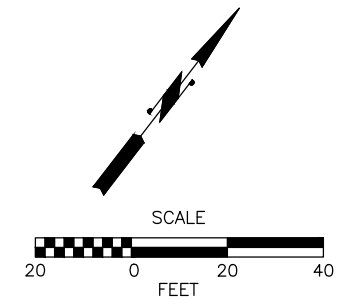
MATCH LINE STA 311+00 SEE DWG. NO. IL4

May 09, 2023 12:30pm sean.delavarpour X:\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156_IL.dwg Layout Name: IL7



KEY MAP
NTS

- GENERAL NOTES:**
1. SEE DRAWING IL1 FOR ILLUMINATION NOTES.
 2. SEE DRAWING IL11 FOR ILLUMINATION ALONG I-5.
 3. SEE DRAWING IL14 FOR LUMINAIRE SCHEDULE.
 4. SEE DRAWING IL15 & IL16 FOR WIRING SCHEDULE.
 5. SEE DRAWING IL17 FOR BREAKER SCHEDULE.

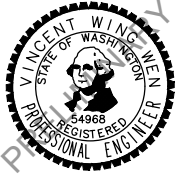


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No.	Date	Revision	By	Appr.

PERTEET
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EVERETT, WA 98201
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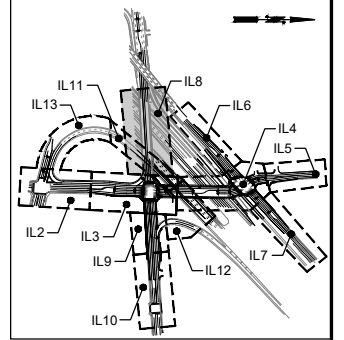
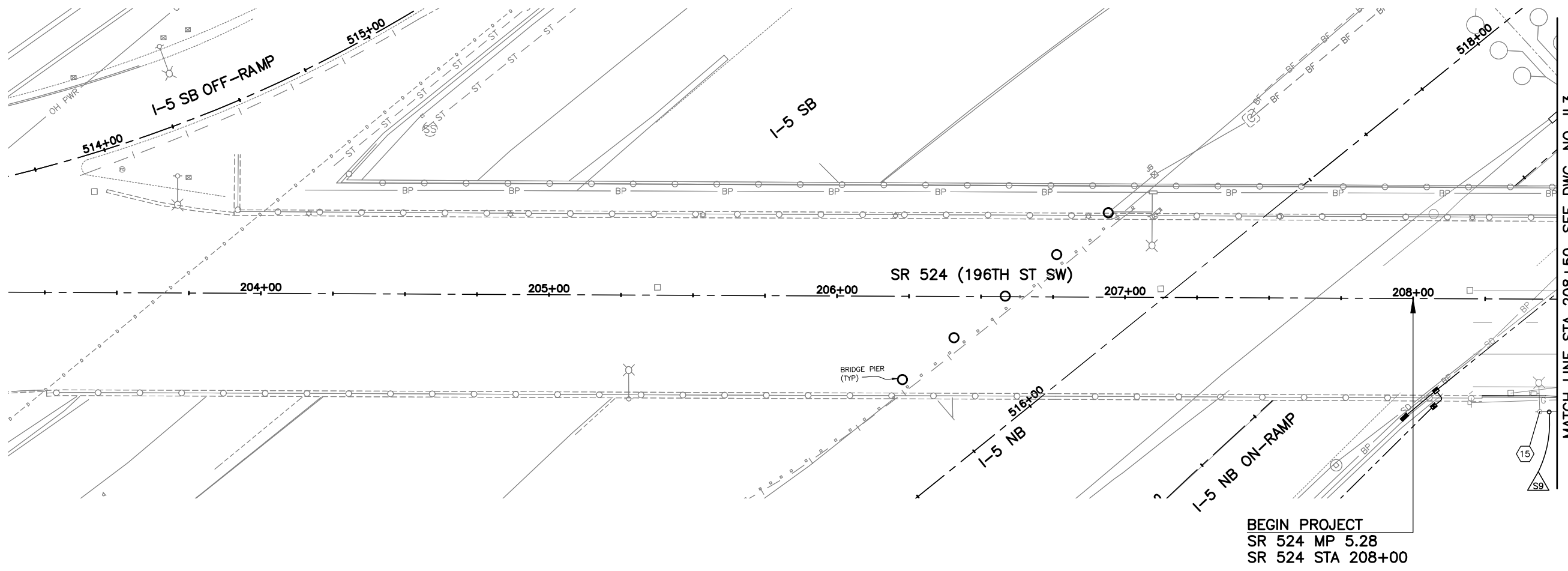


Drawn By	S. DELAVARPOUR	Date	5/2023
Designed By	E. BORGES	Date	5/2023
Checked By	V. WEN	Date	5/2023
Approved By	V. WEN	Date	5/2023

SCALE	1"=20'
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 311+00 TO E.O.P.
ILLUMINATION PLAN

Drawing No.	IL7
Sheet No.	X
of Total	



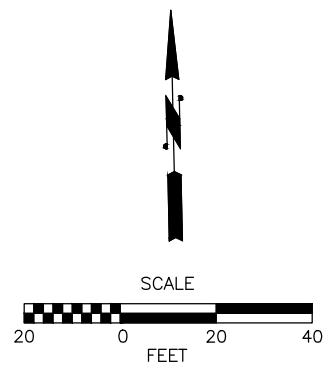
KEY MAP
NTS

MATCH LINE STA 208+50, SEE DWG. NO. IL3

BEGIN PROJECT
SR 524 MP 5.28
SR 524 STA 208+00

GENERAL NOTES:

1. SEE DRAWING IL1 FOR ILLUMINATION NOTES.
2. SEE DRAWING IL11 FOR ILLUMINATION ALONG I-5.
3. SEE DRAWING IL14 FOR LUMINAIRE SCHEDULE.
4. SEE DRAWING IL15 & IL16 FOR WIRING SCHEDULE.
5. SEE DRAWING IL17 FOR BREAKER SCHEDULE.



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May 09, 2023 12:31 pm sean.delavarpour X:\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 IL.dwg Layout Name: IL8

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
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LYNNWOOD
WASHINGTON

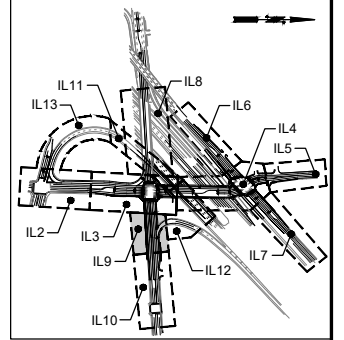


Drawn By	Date
S. DELAVARPOUR	5/2023
Designed By	
E. BORGES	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

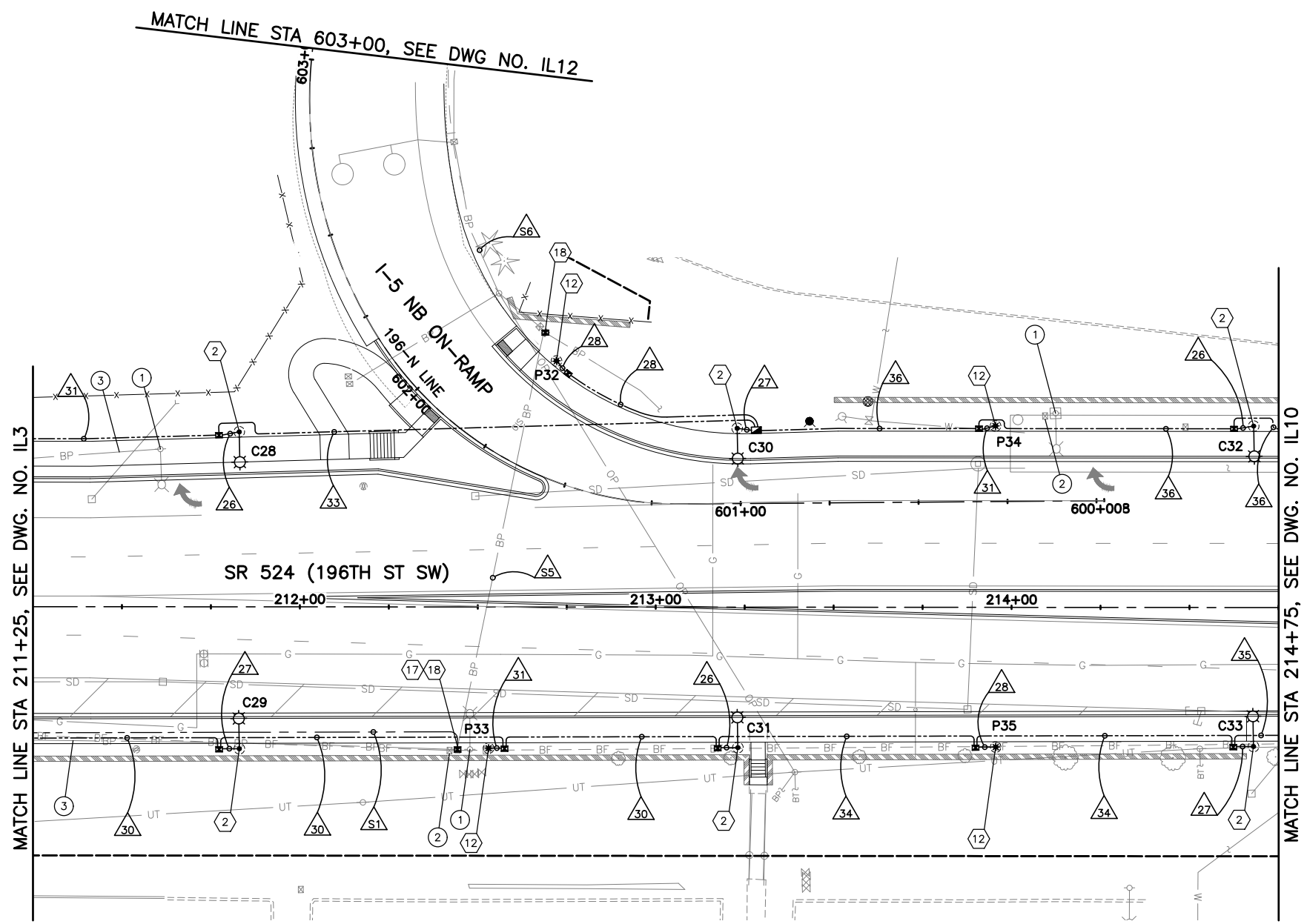
SCALE
Horiz 1"=20'
Vert
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
B.O.P. TO STA 208+50
ILLUMINATION PLAN

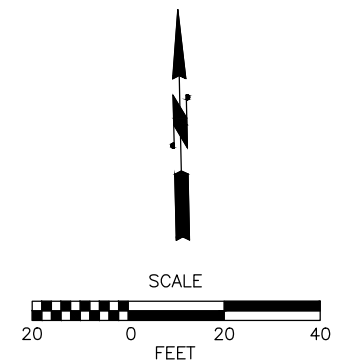
Drawing No.	IL8
Sheet No.	X
of Total	



KEY MAP
NTS



- GENERAL NOTES:**
1. SEE DRAWING IL1 FOR ILLUMINATION NOTES.
 2. SEE DRAWING IL11 FOR ILLUMINATION ALONG I-5.
 3. SEE DRAWING IL14 FOR LUMINAIRE SCHEDULE.
 4. SEE DRAWING IL15 & IL16 FOR WIRING SCHEDULE.
 5. SEE DRAWING IL17 FOR BREAKER SCHEDULE.



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May 09, 2023 12:31 pm sean.delavarpour X:\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156_IL.dwg Layout Name: IL9

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
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WASHINGTON

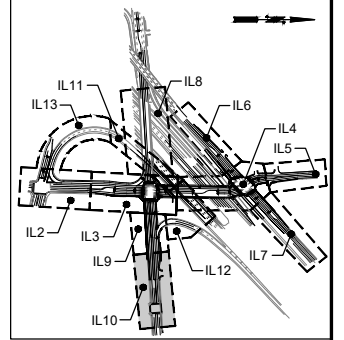
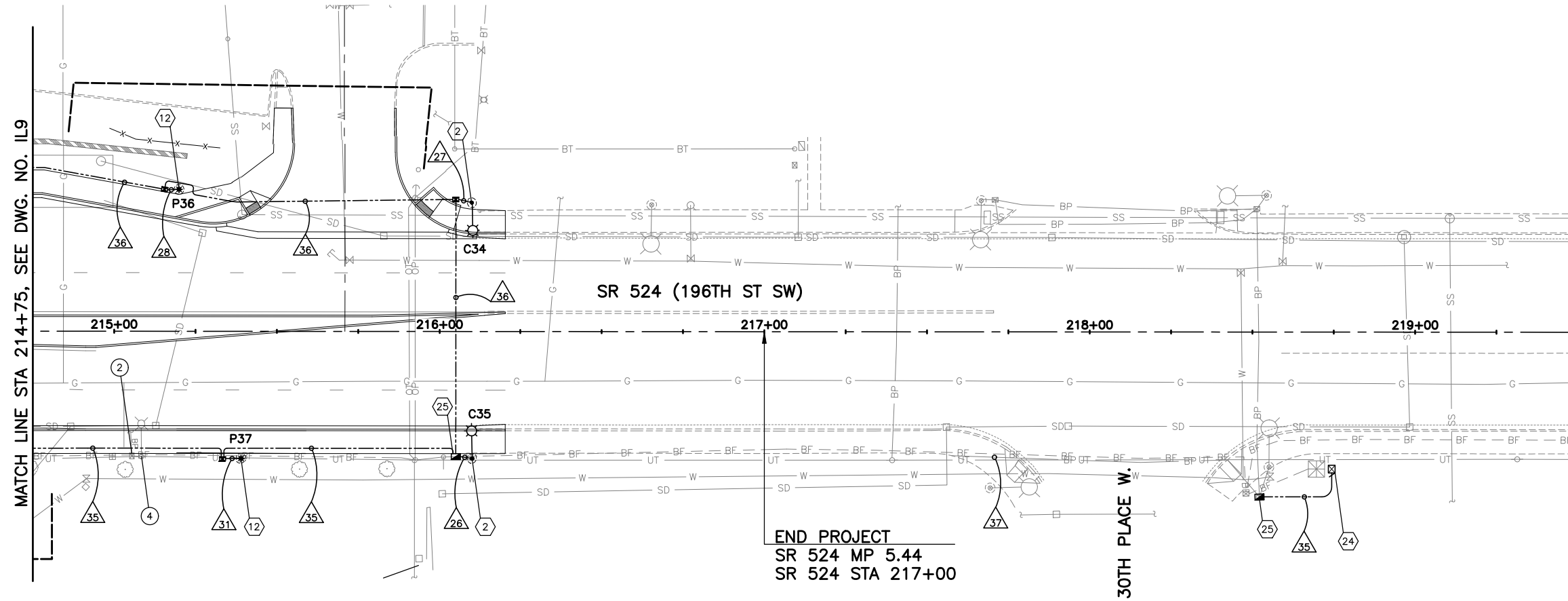


Drawn By	S. DELAVARPOUR	Date	5/2023
Designed By	E. BORGES	Checked By	V. WEN
Checked By	V. WEN	Approved By	V. WEN
Approved By	V. WEN	Date	5/2023

SCALE	1"=20'
Horiz	1"=20'
Vert	1"=20'
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 211+25 TO STA 214+75
ILLUMINATION PLAN

Drawing No.	IL9
Sheet No.	X
of Total	



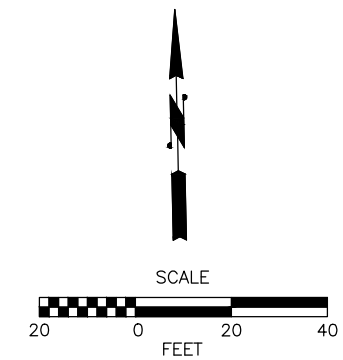
MATCH LINE STA 214+75, SEE DWG. NO. IL9

END PROJECT
SR 524 MP 5.44
SR 524 STA 217+00

30TH PLACE W.

GENERAL NOTES:

1. SEE DRAWING IL1 FOR ILLUMINATION NOTES.
2. SEE DRAWING IL11 FOR ILLUMINATION ALONG I-5.
3. SEE DRAWING IL14 FOR LUMINAIRE SCHEDULE.
4. SEE DRAWING IL15 & IL16 FOR WIRING SCHEDULE.
5. SEE DRAWING IL17 FOR BREAKER SCHEDULE.



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May 09, 2023 12:31 pm sean.delavarpour X:\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156_IL10.dwg Layout Name: IL10

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
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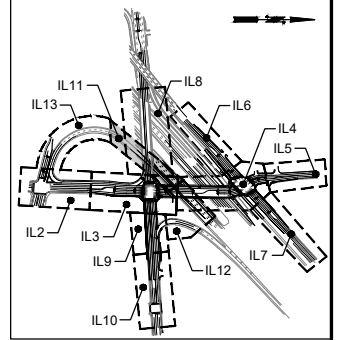


Drawn By S. DELAVARPOUR	Date 5/2023
Designed By E. BORGES	5/2023
Checked By V. WEN	5/2023
Approved By V. WEN	5/2023

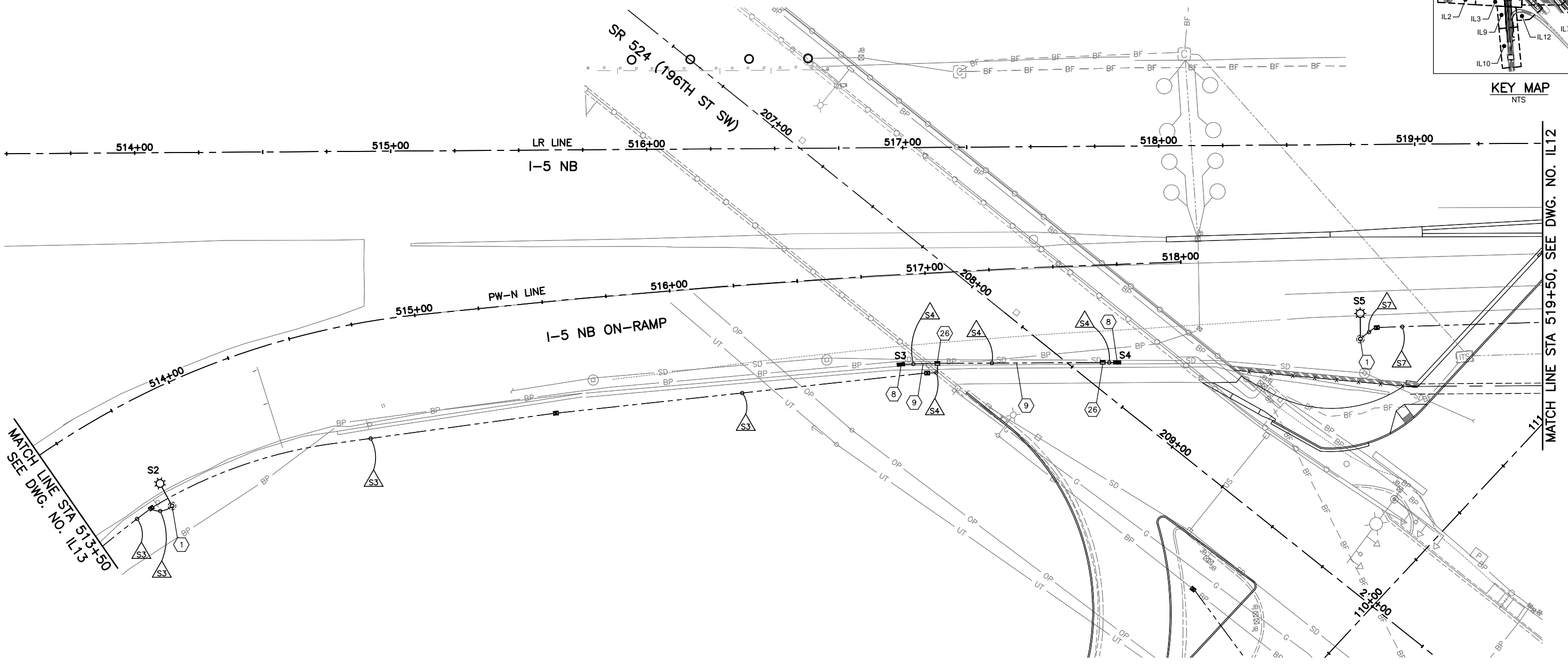
SCALE Horiz 1"=20'
Vert
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 214+75 TO E.O.P.
ILLUMINATION PLAN

Drawing No. IL10
Sheet No. X
of Total of 10



KEY MAP
NTS

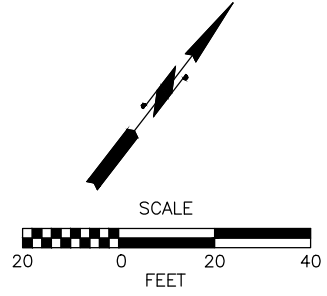


MATCH LINE STA 513+50
SEE DWG. NO. IL13

MATCH LINE STA 519+50, SEE DWG. NO. IL12

GENERAL NOTES:

1. SEE DRAWING IL1 FOR ILLUMINATION NOTES.
2. SEE DRAWING IL11 FOR ILLUMINATION ALONG I-5.
3. SEE DRAWING IL14 FOR LUMINAIRE SCHEDULE.
4. SEE DRAWING IL15 & IL16 FOR WIRING SCHEDULE.
5. SEE DRAWING IL17 FOR BREAKER SCHEDULE.



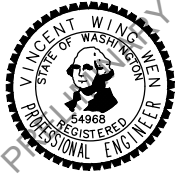
90% REVIEW
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NOT FOR CONSTRUCTION

May 09, 2023 12:31 pm sean.delavarpour X:\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156_IL.dwg Layout Name: IL11

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

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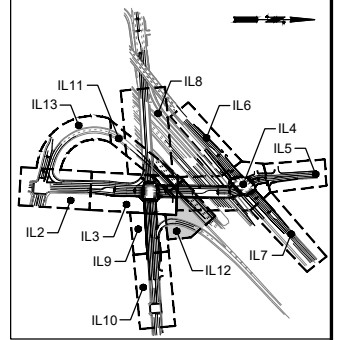
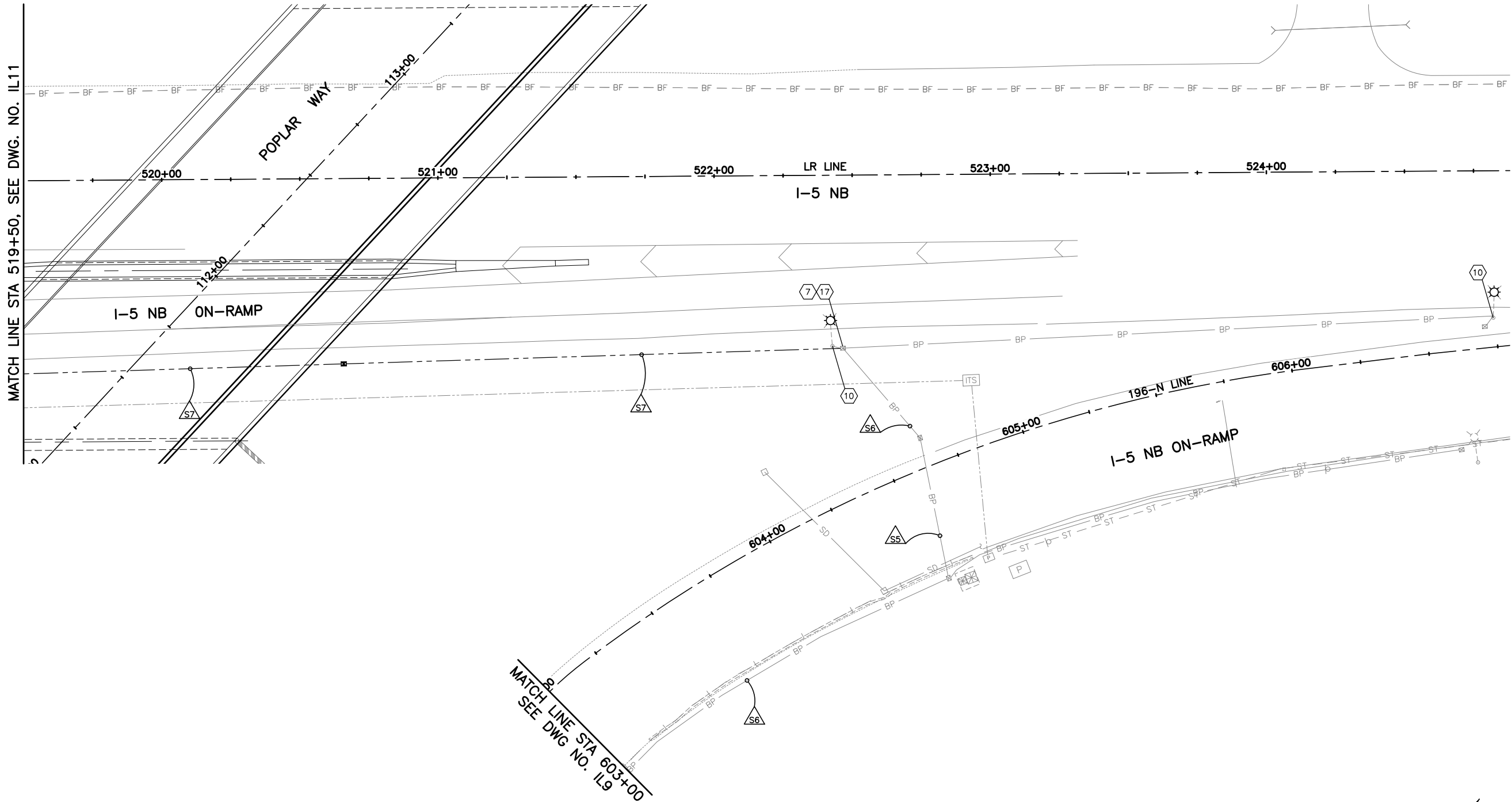
Drawn By S. DELAVARPOUR Date 5/2023
Designed By E. BORGES Date 5/2023
Checked By V. WEN Date 5/2023
Approved By V. WEN Date 5/2023

SCALE
Horiz 1"=20'
Vert
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 513+50 TO STA 519+50
ILLUMINATION PLAN

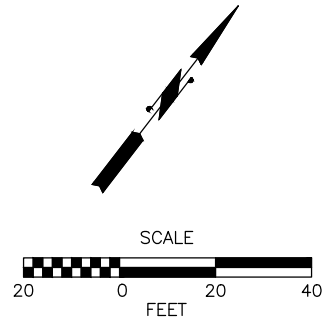
Drawing No. IL11
Sheet No. X
of Total

May 09, 2023 12:31 pm sean.delavarpour X:\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 IL.dwg Layout Name: IL12



KEY MAP
NTS

- GENERAL NOTES:**
1. SEE DRAWING IL1 FOR ILLUMINATION NOTES.
 2. SEE DRAWING IL11 FOR ILLUMINATION ALONG I-5.
 3. SEE DRAWING IL14 FOR LUMINAIRE SCHEDULE.
 4. SEE DRAWING IL15 & IL16 FOR WIRING SCHEDULE.
 5. SEE DRAWING IL17 FOR BREAKER SCHEDULE.



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No.	Date	Revision	By	Appr.

PERTEET
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WASHINGTON

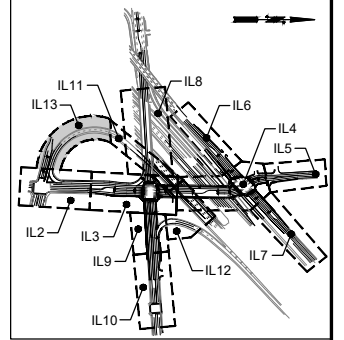


Drawn By	Date
S. DELAVARPOUR	5/2023
Designed By	
E. BORGES	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

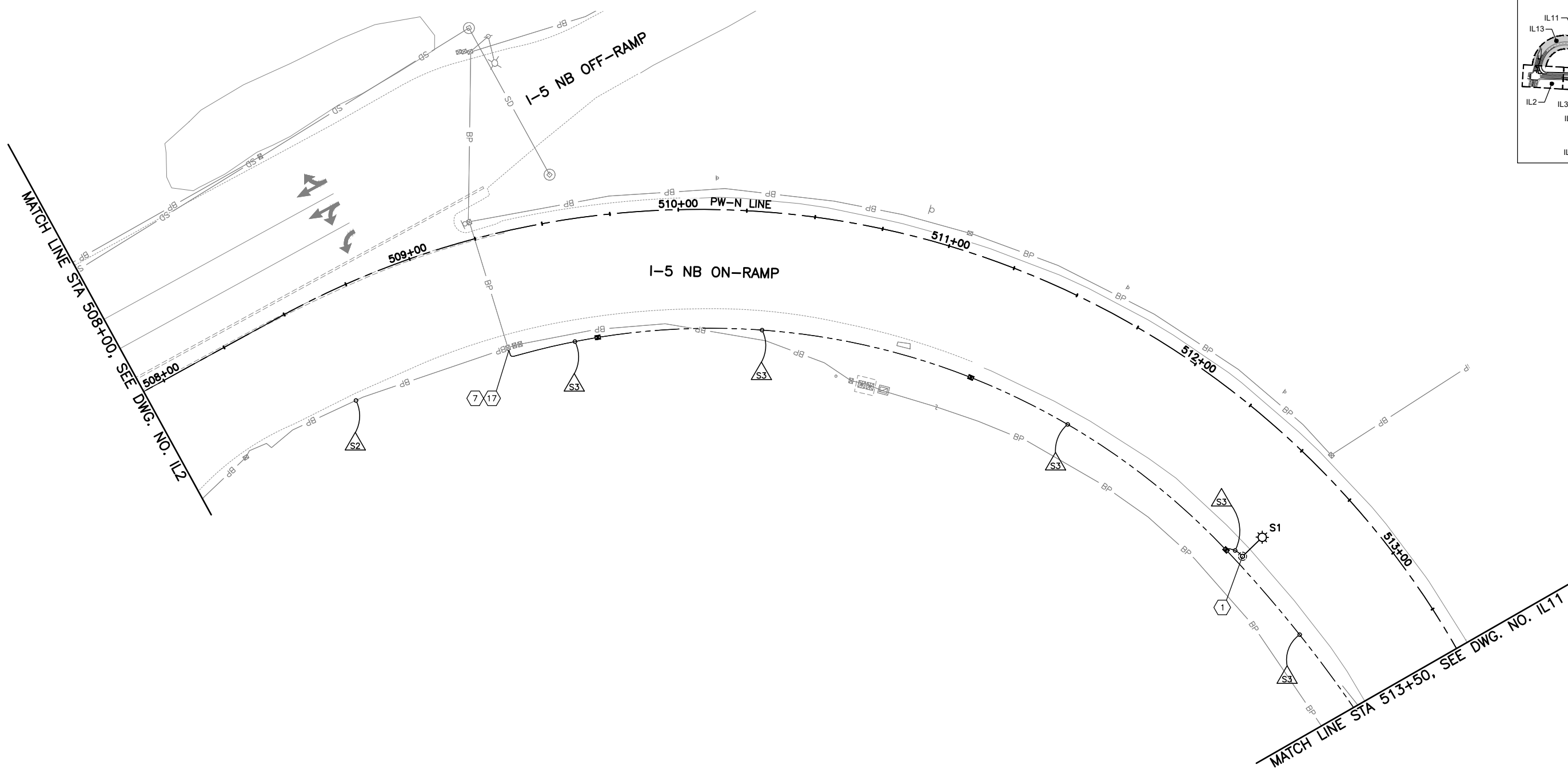
SCALE
Horiz 1"=20'
Vert
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 519+50 TO E.O.P.
ILLUMINATION PLAN

Drawing No.	IL12
Sheet No.	X
of Total	



KEY MAP
NTS

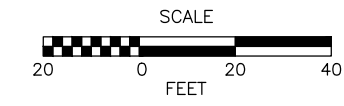


MATCH LINE STA 508+00. SEE DWG. NO. IL2

MATCH LINE STA 513+50, SEE DWG. NO. IL11

GENERAL NOTES:

1. SEE DRAWING IL1 FOR ILLUMINATION NOTES.
2. SEE DRAWING IL11 FOR ILLUMINATION ALONG I-5.
3. SEE DRAWING IL14 FOR LUMINAIRE SCHEDULE.
4. SEE DRAWING IL15 & IL16 FOR WIRING SCHEDULE.
5. SEE DRAWING IL17 FOR BREAKER SCHEDULE.



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May 09, 2023 12:31 pm sean.delavarpour X:\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 IL.dwg Layout Name: IL13

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
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WASHINGTON



Drawn By	S. DELAVARPOUR	Date	5/2023
Designed By	E. BORGES	Date	5/2023
Checked By	V. WEN	Date	5/2023
Approved By	V. WEN	Date	5/2023

SCALE	1"=20'
Horiz	1"=20'
Vert	1"=20'
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 508+00 TO STA 513+50
ILLUMINATION PLAN

Drawing No.	IL13
Sheet No.	X
of Total	

CITY STREETSCAPE LUMINAIRE SCHEDULE – 30TH PLACE W SERVICE CABINET

LUMINAIRE NO.	POLE LOCATION		FIXTURE AND LAMP	MOUNT TYPE	MOUNTING HEIGHT (FT)	ARM LENGTH (FT)	CIRCUIT
	STATION	OFFSET (FT)					
C1	104+39.0	61.7 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-5 – 125W TYPE 3 LED	SLIP	35	7	3
C2	104+39.0	28.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-5 – 125W TYPE 3 LED	FIXED	35	7	4
C3	105+64.0	61.7 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-5 – 125W TYPE 3 LED	SLIP	35	7	4
C4	105+64.0	30.7 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-5 – 125W TYPE 3 LED	FIXED	35	7	3
C5	106+87.7	61.7 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-5 – 125W TYPE 3 LED	SLIP	35	7	3
C6	106+87.7	34.3 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-5 – 125W TYPE 3 LED	FIXED	35	7	4
C7	108+38.0	57.9 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-5 – 125W TYPE 3 LED	SLIP	35	7	4
C8	108+38.0	38.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-5 – 125W TYPE 3 LED	FIXED	35	7	3
C28	211+83.0	49.2 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-5 – 125W TYPE 3 LED	FIXED	35	7	3
C29	211+83.0	39.9 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-5 – 125W TYPE 3 LED	FIXED	35	7	4
C30	213+23.0	50.3 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-5 – 125W TYPE 3 LED	FIXED	35	7	4
C31	213+23.0	39.5 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-5 – 125W TYPE 3 LED	FIXED	35	7	3
C32	214+68.0	51.0 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-5 – 125W TYPE 3 LED	FIXED	35	7	3
C33	214+68.0	39.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-5 – 125W TYPE 3 LED	FIXED	35	7	4
C34	216+10.0	39.6 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-5 – 125W TYPE 3 LED	FIXED	35	7	4
C35	216+10.0	39.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-5 – 125W TYPE 3 LED	FIXED	35	7	3

CITY STREETSCAPE LUMINAIRE SCHEDULE – 33RD AVE W SERVICE CABINET

LUMINAIRE NO.	POLE LOCATION		FIXTURE AND LAMP	MOUNT TYPE	MOUNTING HEIGHT (FT)	ARM LENGTH (FT)	CIRCUIT
	STATION	OFFSET (FT)					
C9	111+42.0	48.0 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 125W TYPE 3 LED	PER BRIDGE PLANS	25	4	3
C10	111+42.0	48.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 125W TYPE 3 LED	PER BRIDGE PLANS	25	4	4
C11	112+92.0	48.0 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 125W TYPE 3 LED	PER BRIDGE PLANS	25	4	4
C12	112+92.0	48.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 125W TYPE 3 LED	PER BRIDGE PLANS	25	4	3
C13	114+42.0	48.0 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 125W TYPE 3 LED	PER BRIDGE PLANS	25	4	3
C14	114+42.0	48.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 125W TYPE 3 LED	PER BRIDGE PLANS	25	4	4
C15	115+75.0	48.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 125W TYPE 3 LED	PER BRIDGE PLANS	25	4	3
C16	117+38.0	35.5 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 125W TYPE 3 LED	FIXED	25	4	4
C17	118+68.0	30.9 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 125W TYPE 3 LED	FIXED	25	4	4
C18	118+73.0	36.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 125W TYPE 3 LED	FIXED	25	4	3
C19	120+59.0	24.9 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 125W TYPE 3 LED	FIXED	25	4	4
C20	120+59.0	25.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 125W TYPE 3 LED	FIXED	25	4	3
C21	304+68.0	26.5 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 125W TYPE 3 LED	FIXED	25	4	6
C22	303+91.0	32.2 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 125W TYPE 3 LED	FIXED	25	4	5
C23	307+13.0	36.0 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 125W TYPE 3 LED	FIXED	25	4	5
C24	308+28.0	30.8 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 125W TYPE 3 LED	FIXED	25	4	6
C25	311+54.0	33.8 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 125W TYPE 3 LED	SEE WALL PLANS	25	4	6
C26	312+83.0	34.5 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 125W TYPE 3 LED	FIXED	25	4	5
C27	314+03.0	30.1 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 125W TYPE 3 LED	FIXED	25	4	6
C36	409+21.2	9.0 RT	WALLPACK – 27W TYPE 3 LED	PER DETAIL DWG. NO. IL19	8		13
C37	409+60.2	9.0 RT	WALLPACK – 27W TYPE 3 LED	PER DETAIL DWG. NO. IL19	8		13
C38	409+99.2	9.0 RT	WALLPACK – 27W TYPE 3 LED	PER DETAIL DWG. NO. IL19	8		13
C39	410+38.2	9.0 RT	WALLPACK – 27W TYPE 3 LED	PER DETAIL DWG. NO. IL19	8		13

CITY STREETSCAPE PEDESTRIAN LUMINAIRE SCHEDULE – 30TH PLACE W SERVICE CABINET

LUMINAIRE NO.	POLE LOCATION		FIXTURE AND LAMP	MOUNT TYPE	MOUNTING HEIGHT (FT)	ARM LENGTH (FT)	CIRCUIT
	STATION	OFFSET (FT)					
P1	105+01.0	29.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	3
P2	106+26.0	32.5 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	4
P3	107+68.0	37.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	3
P4	109+11.0	38.1 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	4
P30	211+13.0	48.0 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	4
P31	211+13.0	40.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	3
P32	212+72.0	69.2 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	3
P33	212+53.0	39.7 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	4
P34	213+95.5	51.0 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	4
P35	213+95.5	39.3 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	3
P36	215+19.9	43.6 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	3
P37	215+39.0	39.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	4

CITY STREETSCAPE PEDESTRIAN LUMINAIRE SCHEDULE – 33RD AVE W SERVICE CABINET

LUMINAIRE NO.	POLE LOCATION		FIXTURE AND LAMP	MOUNT TYPE	MOUNTING HEIGHT (FT)	ARM LENGTH (FT)	CIRCUIT
	STATION	OFFSET (FT)					
P5	111+87.0	48.0 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	SEE BRIDGE PLANS	14.5	2	4
P6	111+87.0	48.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	SEE BRIDGE PLANS	14.5	2	3
P7	112+47.0	48.0 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	SEE BRIDGE PLANS	14.5	2	3
P8	112+47.0	48.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	SEE BRIDGE PLANS	14.5	2	4
P9	113+37.0	48.0 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	SEE BRIDGE PLANS	14.5	2	3
P10	113+37.0	48.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	SEE BRIDGE PLANS	14.5	2	4
P11	113+97.0	48.0 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	SEE BRIDGE PLANS	14.5	2	4
P12	113+97.0	48.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	SEE BRIDGE PLANS	14.5	2	3
P13	114+85.0	50.7 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	SEE BRIDGE PLANS	14.5	2	4
P14	114+85.0	48.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	SEE BRIDGE PLANS	14.5	2	3
P15	115+39.5	48.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	SEE BRIDGE PLANS	14.5	2	4
P16	117+91.0	31.8 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	3
P17	117+91.0	36.0 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	4
P18	119+63.0	25.0 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	3
P19	119+63.0	30.4 RT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	4
P20	304+99.5	28.1 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	5
P21	305+59.5	30.8 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	6
P22	306+27.0	33.8 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	6
P23	307+40.0	35.1 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	6
P24	308+00.0	32.2 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	5
P25	308+58.0	30.5 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	5
P26	311+86.0	33.8 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	SEE WALL PLANS	14.5	2	5
P27	312+46.0	33.8 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	SEE WALL PLANS	14.5	2	6
P28	313+15.5	34.0 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	6
P29	313+70.5	31.6 LT	CITY OF LYNNWOOD DWG. NO. CC-ILL-6 – 60W TYPE 3 LED	FIXED	14.5	2	5

WSDOT LUMINAIRE SCHEDULE

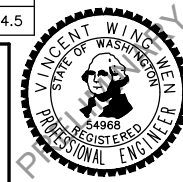
LUMINAIRE NO.	POLE LOCATION		FIXTURE AND LAMP	MOUNT TYPE	MOUNTING HEIGHT (FT)	ARM LENGTH (FT)	CIRCUIT	SERVICE
	STATION	OFFSET (FT)						
S1	512+62.6	42.5 RT	94W TYPE 3 LED	SLIP	40	16	A	196TH ST SW
S2	513+78.3	44.0 RT	94W TYPE 3 LED	SLIP	40	16	A	196TH ST SW
S3	516+88.5	35.7 RT	WALLPACK – 72W TYPE 3 LED	PER DETAIL DWG. NO. IL19	14.0		A	196TH ST SW
S4	517+73.5	39.0 RT	WALLPACK – 72W TYPE 3 LED	PER DETAIL DWG. NO. IL19	14.0		A	196TH ST SW
S5	518+78.3	76.0 RT	94W TYPE 3 LED	SLIP	40	16	B	196TH ST SW
S6	N-E LINE 522+04.0	2.0 RT	UNDERDECK – 45W TYPE 3M LED	PER DETAIL DWG. NO. IL19	16.5		D	N-W LINE STA 516+64.5
S7	N-E LINE 522+63.0	2.0 RT	UNDERDECK – 45W TYPE 3M LED	PER DETAIL DWG. NO. IL19	16.5		D	N-W LINE STA 516+64.5
S8	N-W LINE 522+24.0	23.3 LT	WALLPACK – 45W TYPE 3 LED	PER DETAIL DWG. NO. IL19	14.0		D	N-W LINE STA 516+64.5
S9	N-W LINE 522+87.0	23.3 LT	WALLPACK – 45W TYPE 3 LED	PER DETAIL DWG. NO. IL19	14.0		D	N-W LINE STA 516+64.5

RELOCATED LUMINAIRE SCHEDULE

LUMINAIRE NO.	POLE LOCATION	
	STATION	OFFSET (FT)
R1	117+29.5	49.8 LT
R2	311+41.0	36.1 LT

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Drawn By S. DELAVARPOUR Date 5/2023
Designed By E. BORGES Date 5/2023
Checked By V. WEN Date 5/2023
Approved By V. WEN Date 5/2023

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Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
LUMINAIRE SCHEDULE

Drawing No. IL14
Sheet No. X of Total

No.	Date	Revision	By	Appr.

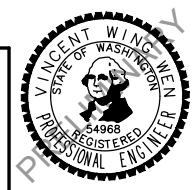
CITY WIRING SCHEDULE

SERVICE	△ NO.	CONDUIT SIZE	CONDUCTORS		CIRCUIT	NOTES	SERVICE	△ NO.	CONDUIT SIZE	CONDUCTORS		CIRCUIT	NOTES	SERVICE	△ NO.	CONDUIT SIZE	CONDUCTORS		CIRCUIT	NOTES				
			NEW							NEW							NEW							
33RD AVE W	1	2"	2-#8	3	3	ROADWAY/PEDESTRIAN LIGHTING	33RD AVE W	21	2"	2-#10	5	5	ROADWAY/PEDESTRIAN LIGHTING	33RD AVE W	47	2"	CAT5 RJ45	14	14	COLOR LIGHTING WEST				
			2-#8	9		2-#10				6	CAT5 RJ45		15				COLOR LIGHTING EAST							
	2	2"	2-#8	4	4	ROADWAY/PEDESTRIAN LIGHTING		22	2"	2-#10	12	12	OUTLET		22	2"	48	1"	CAT5 RJ45	14	14	COLOR LIGHTING WEST		
			2-#8	10		2-#8				3	CAT5 RJ45		15				COLOR LIGHTING EAST							
	3	2"	2-#8	3	3	ROADWAY/PEDESTRIAN LIGHTING		23	2"	2-#8	4	4	ROADWAY/PEDESTRIAN LIGHTING		23	2"	49	1"	CAT5 RJ45	15	15	COLOR LIGHTING EAST		
			2-#8	4		2-#8				4	CAT5 RJ45		14				COLOR LIGHTING WEST							
	4	2"	2-#8	4	4	ROADWAY/PEDESTRIAN LIGHTING		24	2"	2-#10	5	5	ROADWAY/PEDESTRIAN LIGHTING		24	2"	50	2"	CAT5 RJ45	14	14	COLOR LIGHTING WEST		
			2-#8	3		2-#10				6	CAT5 RJ45		15				COLOR LIGHTING EAST							
	5	2"	2-#8	3	3	ROADWAY/PEDESTRIAN LIGHTING		25	2"	2-#8	9	9	OUTLET		25	1" GRS	2-#12	13	13	13	13	13	13	SECURITY LIGHTING
			2-#8	4		2-#8				3	ROADWAY/PEDESTRIAN LIGHTING													
			2-#8	9		2-#8				4	ROADWAY/PEDESTRIAN LIGHTING													
			2-#8	10		2-#10				5	ROADWAY/PEDESTRIAN LIGHTING													
	6	2"	2-#8	4	4	ROADWAY/PEDESTRIAN LIGHTING		26	2"	2-#10	6	6	ROADWAY/PEDESTRIAN LIGHTING		26	2"	2-#8	9	9	9	9	9	9	OUTLET
			2-#8	3		2-#8				10	OUTLET													
			2-#8	10		2-#8				10	OUTLET													
			2-#12	15		2-#8				10	OUTLET													
	7	2"	2-#8	3	3	ROADWAY/PEDESTRIAN LIGHTING		27	2"	2-#8	10	10	OUTLET		27	2"	2-#8	10	10	10	10	10	10	OUTLET
			2-#8	4		2-#8				11	OUTLET													
			2-#8	9		2-#8				12	OUTLET													
			2-#8	10		2-#10				12	OUTLET													
8	2"	2-#8	3	3	ROADWAY/PEDESTRIAN LIGHTING	28	2"	2-#12	13	13	SECURITY LIGHTING	28	2"	2-#8	10	10	10	10	10	10	OUTLET			
		2-#8	4		2-#8			10	OUTLET															
		2-#8	9		2-#8			11	OUTLET															
		2-#12	15		2-#10			12	OUTLET															
9	2"	2-#8	3	3	ROADWAY/PEDESTRIAN LIGHTING	29	2"	2-#8	10	10	OUTLET	29	2"	2-#8	10	10	10	10	10	10	OUTLET			
		2-#8	4		2-#8			11	OUTLET															
		2-#8	9		2-#8			12	OUTLET															
		2-#12	14		2-#10			12	OUTLET															
10	2"	2-#8	3	3	ROADWAY/PEDESTRIAN LIGHTING	30	2"	2-#12	15	15	COLOR LIGHTING EAST	30	2"	2-#8	10	10	10	10	10	10	COLOR LIGHTING WEST			
		2-#8	4		2-#8			11	OUTLET															
		2-#8	9		2-#8			12	OUTLET															
		2-#12	14		2-#10			12	OUTLET															
11	2"	2-#8	3	3	ROADWAY/PEDESTRIAN LIGHTING	31	2"	2-#8	10	10	OUTLET	31	2"	2-#8	10	10	10	10	10	10	OUTLET			
		2-#8	4		2-#8			11	OUTLET															
		2-#8	9		2-#8			12	OUTLET															
		2-#12	15		2-#10			12	OUTLET															
12	2"	2-#8	3	3	ROADWAY/PEDESTRIAN LIGHTING	32	2"	2-#8	10	10	OUTLET	32	2"	2-#8	10	10	10	10	10	10	OUTLET			
		2-#8	4		2-#8			11	OUTLET															
		2-#8	9		2-#8			12	OUTLET															
		2-#12	14		2-#10			12	OUTLET															
13	2"	2-#8	3	3	ROADWAY/PEDESTRIAN LIGHTING	33	2"	2-#8	10	10	OUTLET	33	2"	2-#8	10	10	10	10	10	10	OUTLET			
		2-#8	4		2-#8			11	OUTLET															
		2-#8	9		2-#8			12	OUTLET															
		2-#12	15		2-#10			12	OUTLET															
14	2"	2-#8	3	3	ROADWAY/PEDESTRIAN LIGHTING	34	2"	2-#8	10	10	OUTLET	34	2"	2-#8	10	10	10	10	10	10	OUTLET			
		2-#8	4		2-#8			11	OUTLET															
		2-#8	9		2-#8			12	OUTLET															
		2-#12	14		2-#10			12	OUTLET															
15	2"	2-#10	5	5	ROADWAY/PEDESTRIAN LIGHTING	35	2"	2-#8	10	10	OUTLET	35	2"	2-#8	10	10	10	10	10	10	OUTLET			
		2-#10	6		2-#8			11	OUTLET															
		2-#10	12		2-#8			12	OUTLET															
		2-#10	5		2-#8			12	OUTLET															
16	2"	2-#10	6	6	ROADWAY/PEDESTRIAN LIGHTING	36	2"	2-#8	10	10	OUTLET	36	2"	2-#8	10	10	10	10	10	10	OUTLET			
		2-#10	5		2-#8			11	OUTLET															
		2-#10	6		2-#8			12	OUTLET															
		2-#10	5		2-#8			12	OUTLET															
17	2"	2-#10	5	5	ROADWAY/PEDESTRIAN LIGHTING	37	2"	2-#8	10	10	OUTLET	37	2"	2-#8	10	10	10	10	10	10	OUTLET			
		2-#10	6		2-#8			11	OUTLET															
		2-#10	5		2-#8			12	OUTLET															
		2-#10	6		2-#8			12	OUTLET															
18	2"	2-#10	6	6	ROADWAY/PEDESTRIAN LIGHTING	38	2"	2-#8	10	10	OUTLET	38	2"	2-#8	10	10	10	10	10	10	OUTLET			
		2-#10	5		2-#8			11	OUTLET															
		2-#10	6		2-#8			12	OUTLET															
		2-#10	5		2-#8			12	OUTLET															
19	2"	2-#10	5	5	ROADWAY/PEDESTRIAN LIGHTING	39	2"	2-#8	10	10	OUTLET	39	2"	2-#8	10	10	10	10	10	10	OUTLET			
		2-#10	6		2-#8			11	OUTLET															
		2-#10	12		2-#8			12	OUTLET															
		2-#10	5		2-#8			12	OUTLET															
20	2"	2-#10	5	5	ROADWAY/PEDESTRIAN LIGHTING	40	2"	2-#8	10	10	OUTLET	40	2"	2-#8	10	10	10	10	10	10	OUTLET			
		2-#10	6		2-#8			11	OUTLET															
		2-#10	11		2-#8			12	OUTLET															
		2-#10	12		2-#12			15	COLOR LIGHTING EAST															

*CONDUIT IN STRUCTURE, SEE BRIDGE PLANS

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Drawn By S. DELAVARPOUR Date 5/2023
Designed By E. BORGES Date 5/2023
Checked By V. WEN Date 5/2023
Approved By V. WEN Date 5/2023

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Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
WIRING SCHEDULE

Drawing No. IL15
Sheet No. X of Total

No.	Date	Revision	By	Appr.

CITY WIRING SCHEDULE

SERVICE	△ NO.	CONDUIT SIZE	CONDUCTORS		CIRCUIT	NOTES
			NEW			
30TH PL W	26	2"	2-#8	3		ROADWAY/PEDESTRIAN LIGHTING
			2-#10	7		OUTLET
	27	2"	2-#8	4		ROADWAY/PEDESTRIAN LIGHTING
			2-#10	8		OUTLET
	28	2"	2-#8	3		PEDESTRIAN/ROADWAY LIGHTING
	29	2"	2-#8	3		ROADWAY/PEDESTRIAN LIGHTING
			2-#8	4		ROADWAY/PEDESTRIAN LIGHTING
			2-#4	8		OUTLET
	30	2"	2-#8	3		ROADWAY/PEDESTRIAN LIGHTING
			2-#8	4		ROADWAY/PEDESTRIAN LIGHTING
			2-#4	7		OUTLET
			2-#4	8		OUTLET
	31	2"	2-#8	4		ROADWAY/PEDESTRIAN LIGHTING
	32	2"	2-#8	3		ROADWAY/PEDESTRIAN LIGHTING
			2-#8	4		ROADWAY/PEDESTRIAN LIGHTING
			2-#4	7		OUTLET
			2-#4	8		OUTLET
	33	2"	2-#8	3		ROADWAY/PEDESTRIAN LIGHTING
			2-#8	4		ROADWAY/PEDESTRIAN LIGHTING
			2-#4	7		OUTLET
	34	2"	2-#8	3		ROADWAY/PEDESTRIAN LIGHTING
			2-#8	4		ROADWAY/PEDESTRIAN LIGHTING
			2-#2	7		OUTLET
			2-#4	8		OUTLET
	35	2"	2-#8	3		ROADWAY/PEDESTRIAN LIGHTING
			2-#8	4		ROADWAY/PEDESTRIAN LIGHTING
			2-#2	7		OUTLET
			2-#2	8		OUTLET
	36	2"	2-#8	3		ROADWAY/PEDESTRIAN LIGHTING
			2-#8	4		ROADWAY/PEDESTRIAN LIGHTING
			2-#8	7		OUTLET
			2-#8	8		OUTLET
	37	EXISTING	2-#8	3		ROADWAY/PEDESTRIAN LIGHTING
			2-#8	4		ROADWAY/PEDESTRIAN LIGHTING
			2-#2	7		OUTLET
			2-#2	8		OUTLET
	38	2"	2-#8	3		ROADWAY/PEDESTRIAN LIGHTING
			2-#4	7		OUTLET
	39	2"	2-#8	4		ROADWAY/PEDESTRIAN LIGHTING
2-#4			8		OUTLET	
AWMB/CHURCH	40	2"	5-#8			
			3-#6			

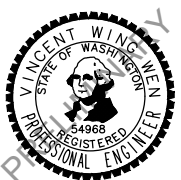
WSDOT WIRING SCHEDULE

SERVICE	△ NO.	CONDUIT SIZE	CONDUCTORS		CIRCUIT	NOTES
			EXISTING	NEW		
196TH ST SW	S1	2"		2-#4		
	S2	EX. 1.5" GRS	2-#4			
	S3	2"		2-#8		
	S4	1" GRS		2-#8		UNDERDECK LIGHTING
	S5	EX. 2" GRS	2-#8			
	S6	EX. 1.5" GRS	2-#8			
	S7	2"		2-#8		
	S8	2"		4-#4		
	S9	EX. 2"	2-#8			INTERSECTION LIGHTING
	S10	2"		2-#8		INTERSECTION LIGHTING
N-W LINE STA 516+64.5	S11	2"		2-#6		EXISTING CIRCUIT A
	S12	2"		4-#6		EXISTING CIRCUIT B AND C
				2-#8		CIRCUIT D
	S13	EX. 2"	2-#6			EXISTING CIRCUIT A
	S14	2"		6-#6		EXISTING CIRCUIT A, B AND C
				2-#8		CIRCUIT D
	S15	EX. 2"	4-#6			EXISTING CIRCUIT B AND C
S16	1"		2-#8		CIRCUIT D	
S17	1" GRS		2-#8		CIRCUIT D	

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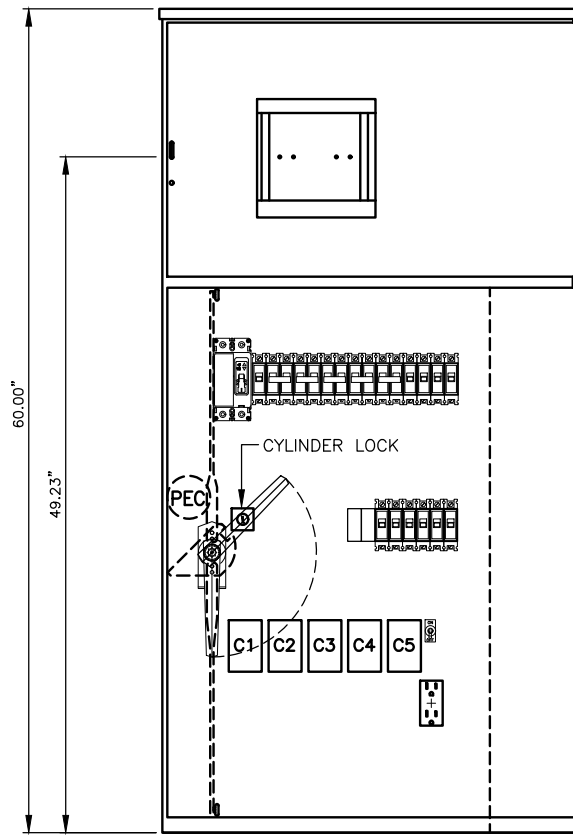
No.	Date	Revision	By	Appr.



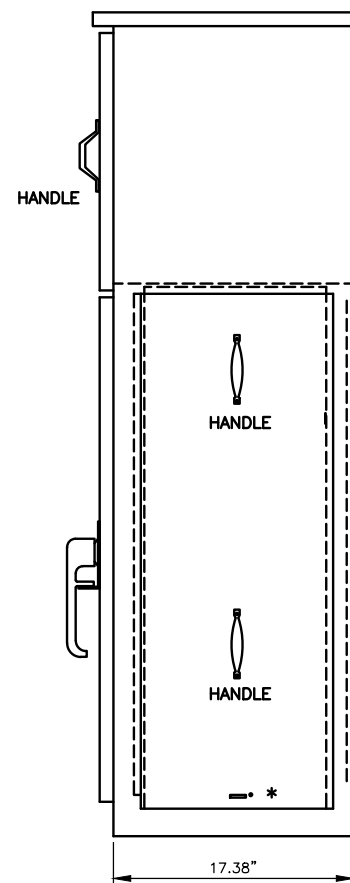
Drawn By	Date	SCALE
S. DELAVARPOUR	5/2023	Horiz
Designed By		Vert
E. BORGES	5/2023	Project Number
Checked By		20100156
V. WEN	5/2023	
Approved By		
V. WEN	5/2023	

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
WIRING SCHEDULE

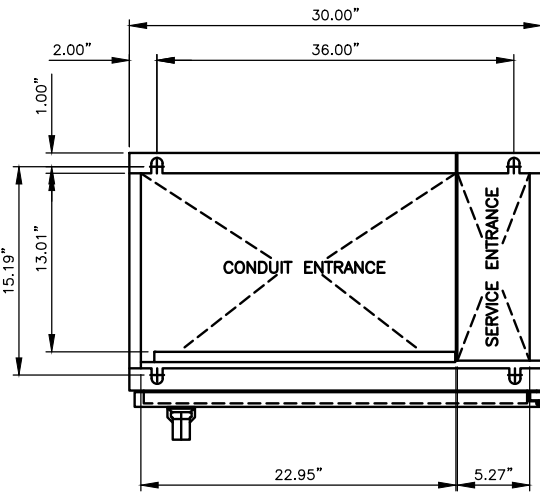
Drawing No.
IL16
Sheet No.
X
of Total



PANEL ELEVATION



SIDE VIEW
(PULL SECTION COVER IN PLACE)



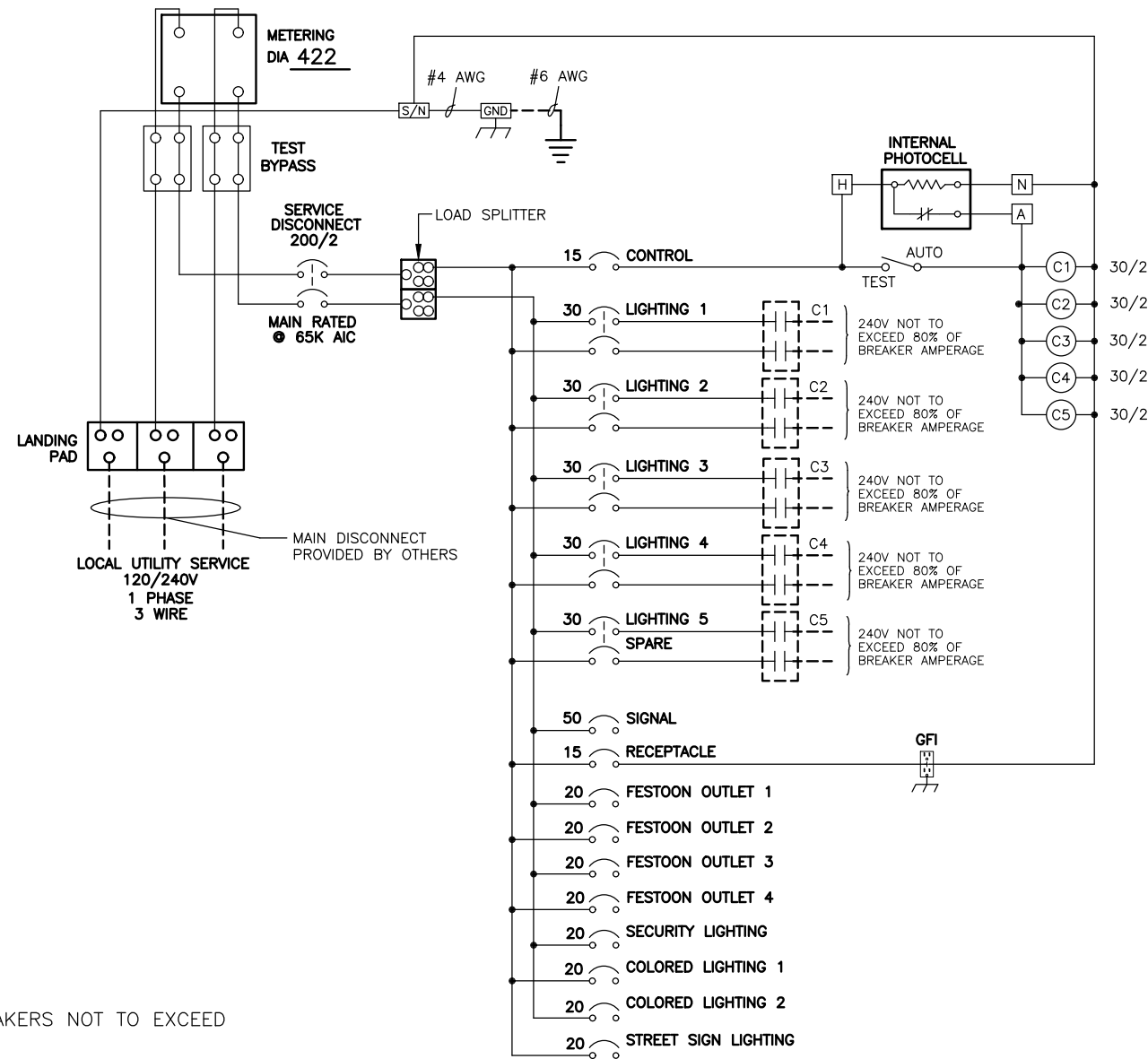
PANEL BASE PLAN

NOTE:

LOAD CURRENT FOR ALL BREAKERS NOT TO EXCEED 80% OF BREAKER AMPERAGE

ENCLOSURE CONSTRUCTION NOTES

- EXTERIOR, 1/8" ALUMINUM, AND INTERIOR 14 GA COLD ROLLED STEEL ELECTRICALLY WELDED AND REINFORCED WHERE REQUIRED.
- CONSTRUCTION SHALL BE NEMA 3R, RAIN TIGHT.
- ALL NUTS, BOLTS AND SCREWS SHALL BE STAINLESS STEEL.
- NUTS, BOLTS & SCREWS SHALL NOT BE VISIBLE FROM OUTSIDE OF ENCLOSURE.
- NAMEPLATES SHALL BE PROVIDED AS REQUIRED.
- CONTROL WIRING SHALL BE MARKED AT BOTH ENDS BY PERMANENT WIRE MARKERS.
- A PLASTIC COVERED WIRING DIAGRAM SHALL BE ATTACHED TO THE INSIDE OF THE FRONT DOOR.
- ENCLOSURE SHALL BE FACTORY WIRED AND CONFORM TO REQUIRED NEMA AND UL 508A STANDARDS.
- ANODIZE AFTER FABRICATION.



**CITY SERVICE CABINET – 33RD AVE W
BREAKER SCHEDULE 120/240V**

CIRCUIT	DESCRIPTION	BREAKER RATING	CONTACTOR RATING	VOLTAGE	LOAD (KVA)	
1	MAIN	200 A	N.A.	240	N.A.	
2	CONTROL	15 A	N.A.	120	0.10	
3	ILLUMINATION #1	30 A	30	240	1.64	
4	ILLUMINATION #2	30 A	30	240	1.72	
5	ILLUMINATION #3	30 A	30	120	0.95	
6	ILLUMINATION #4	30 A	30	240	1.12	
7	SIGNAL	50 A	N.A.	120	3.10	
8	GFCI	20 A	N.A.	120	1.80	
9	OUTLET #1	20 A	N.A.	120	1.35	
10	OUTLET #2	20 A	N.A.	120	1.35	
11	OUTLET #3	20 A	N.A.	120	0.68	
12	OUTLET #4	20 A	N.A.	120	0.90	
13	SECURITY LIGHTING	20 A	N.A.	120	0.15	
14	COLOR LIGHTING WEST	20 A	N.A.	120	0.06	
15	COLOR LIGHTING EAST	20 A	N.A.	120	0.07	
16	STREET SIGNS	20 A	N.A.	120	0.60	
					PEAK	15.58
					CONTINUOUS	9.28

**CITY SERVICE CABINET – 30TH PL W
BREAKER SCHEDULE 120/240V**

CIRCUIT	DESCRIPTION	BREAKER RATING	CONTACTOR RATING	VOLTAGE	LOAD (KVA)	
1	MAIN	200 A	N.A.	240	N.A.	
2	CONTROL	15 A	N.A.	120	0.10	
3	ILLUMINATION #1	30 A	30	240	1.90	
4	ILLUMINATION #2	30 A	30	240	1.90	
5	SIGNAL	50 A	N.A.	120	3.37	
6	GFCI	20 A	N.A.	120	1.80	
7	OUTLET #1	20 A	N.A.	120	1.80	
8	OUTLET #2	20 A	N.A.	120	1.80	
					PEAK	12.68
					CONTINUOUS	8.87

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May 09, 2023 12:31 pm sean.delavarpour X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156_IL.dwg Layout Name: IL17



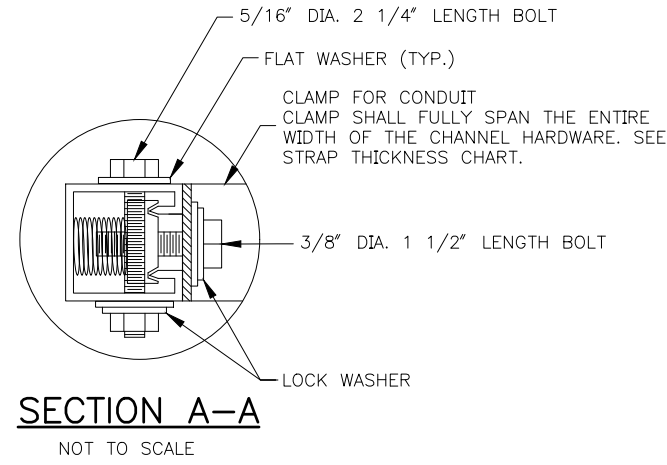
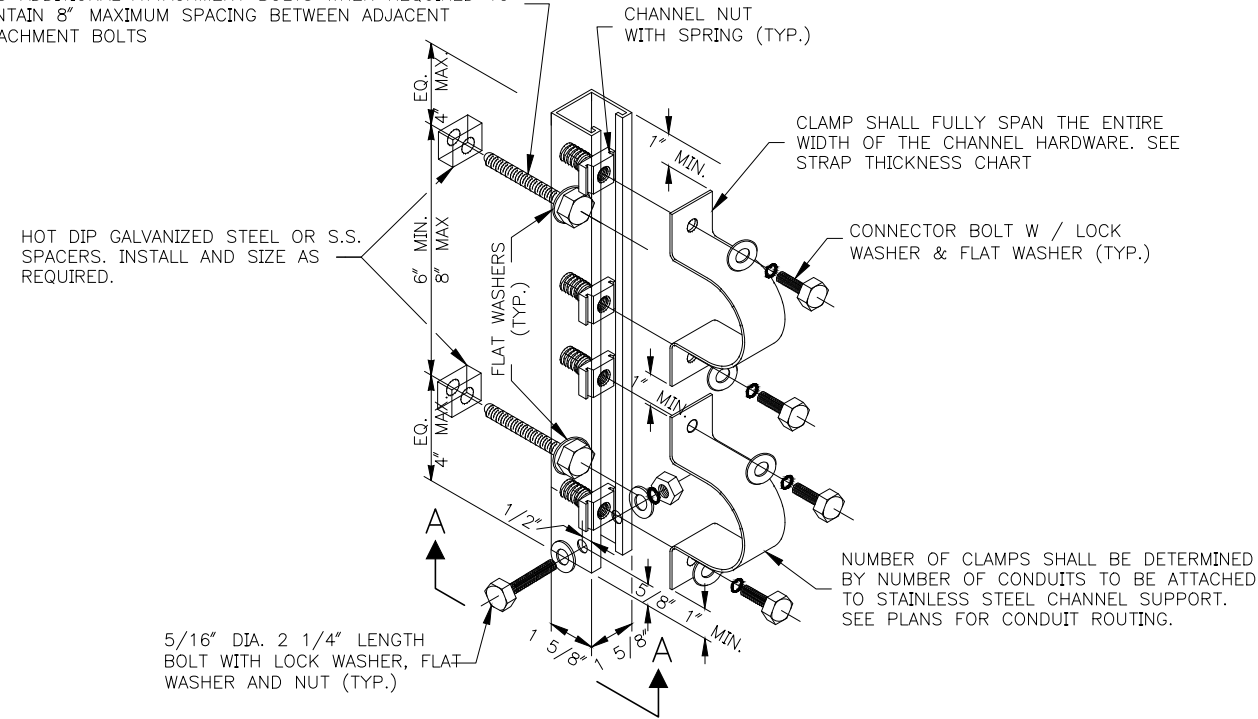
Drawn By S. DELAVARPOUR Date 5/2023
Designed By E. BORGES Date 5/2023
Checked By V. WEN Date 5/2023
Approved By V. WEN Date 5/2023

SCALE
Horiz NONE
Vert NONE
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
SERVICE CABINET DETAIL

Drawing No. IL17
Sheet No. X of Total

ATTACHMENT BOLT PENETRATION LENGTH 4 1/2" MIN. (TYP.)
 *ADD ADDITIONAL ATTACHMENT BOLTS WHEN REQUIRED TO MAINTAIN 8" MAXIMUM SPACING BETWEEN ADJACENT ATTACHMENT BOLTS



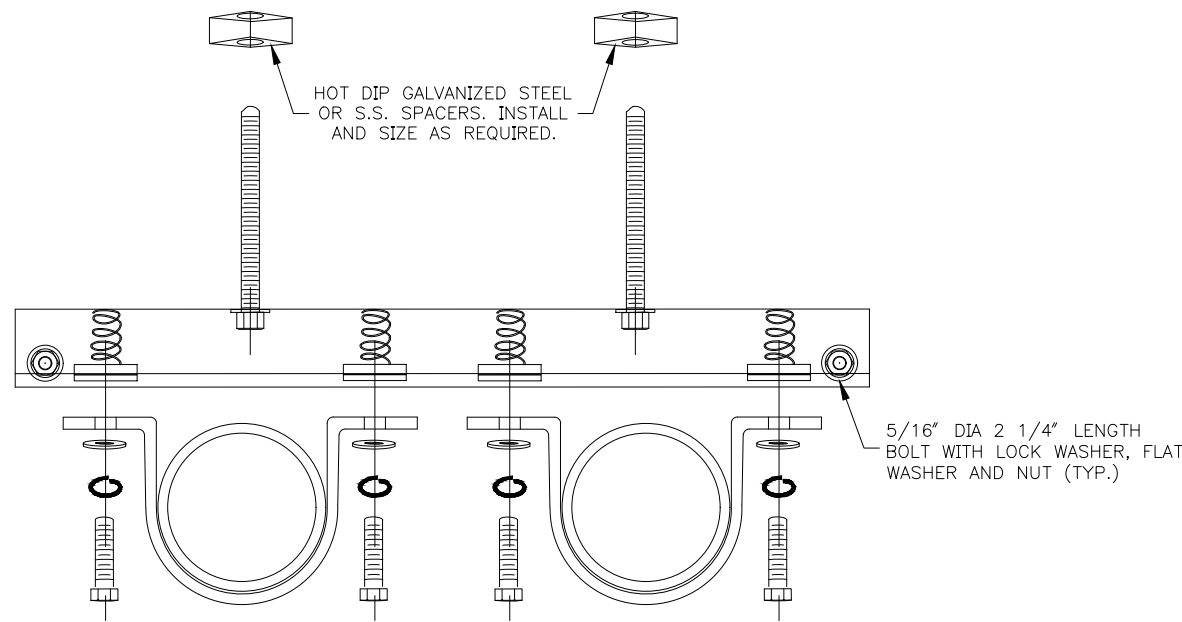
STRAP THICKNESS CHART

NOMINAL PIPE SIZE	STRAP THICKNESS
1/2" - 2"	> OR = 1/8"
2" - 5"	> OR = 1/4"
6"	> OR = 1/4"

STAINLESS STEEL CHANNEL SUPPORT DETAIL – VERTICAL MOUNT
 NOT TO SCALE

SCHEDULE 80 PVC

NOMINAL TRADE SIZE	CONDUIT DIAMETER	
	OUTSIDE	INSIDE
1/2"	0.840	0.546
3/4"	1.050	0.742
1"	1.315	0.957
1 1/4"	1.660	1.278
1 1/2"	1.900	1.500
2"	2.375	1.939
2 1/2"	2.875	2.323
3"	3.500	2.900
4"	4.500	3.826
5"	5.563	4.813
6"	6.625	5.761



HORIZONTAL DETAIL – HORIZONTAL MOUNT
 NOT TO SCALE

RIGID GALVANIZED STEEL CONDUIT

NOMINAL TRADE SIZE	CONDUIT DIAMETER	
	OUTSIDE	INSIDE
1/2"	0.840	0.632
3/4"	1.050	0.836
1"	1.315	1.063
1 1/4"	1.660	1.394
1 1/2"	1.900	1.624
2"	2.375	2.083
2 1/2"	2.875	2.489
3"	3.500	3.090
3 1/2"	4.000	3.570
4"	4.500	4.050
5"	5.563	5.073
6"	6.625	6.093

GENERAL NOTE

1. DRILLING THROUGH REINFORCING STEEL IS NOT ALLOWED. IF STEEL IS HIT WHILE DRILLING, THE LOCATION SHALL BE MOVED AND THE ABANDONED HOLE FILLED WITH GROUT CONFORMING TO WSDOT STD. SPEC. SECTION 6-02.3(20). THERE SHALL BE A MINIMUM 3" EDGE DISTANCE TO THE CENTERLINE OF ANCHOR HOLES IN CONCRETE. MOUNT THE STAINLESS STEEL SUPPORT USING AN APPROVED RESIN BONDED ANCHOR SYSTEM, INSTALLING PER MANUFACTURERS RECOMMENDATION IN DRY CONDITIONS. RESIN BONDED ANCHORS SHALL BE STAINLESS STEEL AND SHALL BE OF 3/8" DIA. (EXPANSION ANCHORS ARE NOT ALLOWED).

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 Layout Name: IL18
 sean.delavarpour

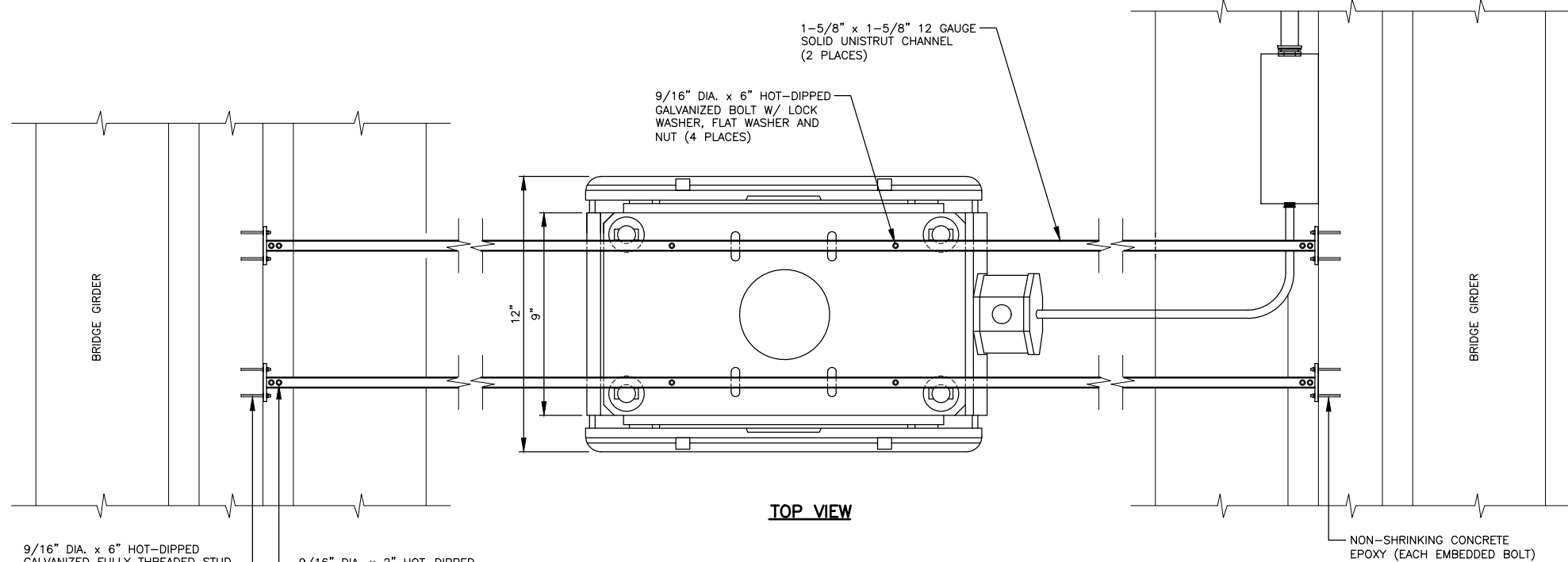
No.	Date	Revision	By	Appr.



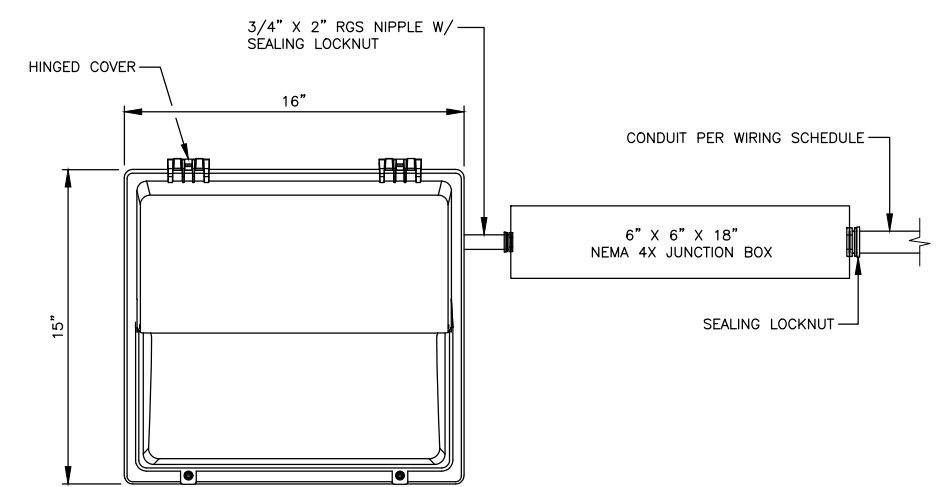
Drawn By S. DELAVARPOUR	Date 5/2023	SCALE Horiz Vert Project Number 20100156
Designed By E. BORGES	5/2023	
Checked By V. WEN	5/2023	
Approved By V. WEN	5/2023	

CITY OF LYNNWOOD
 POPLAR WAY EXTENSION BRIDGE
 ILLUMINATION DETAILS

Drawing No. IL18
Sheet No. X
of Total of Total



TOP VIEW



FRONT VIEW

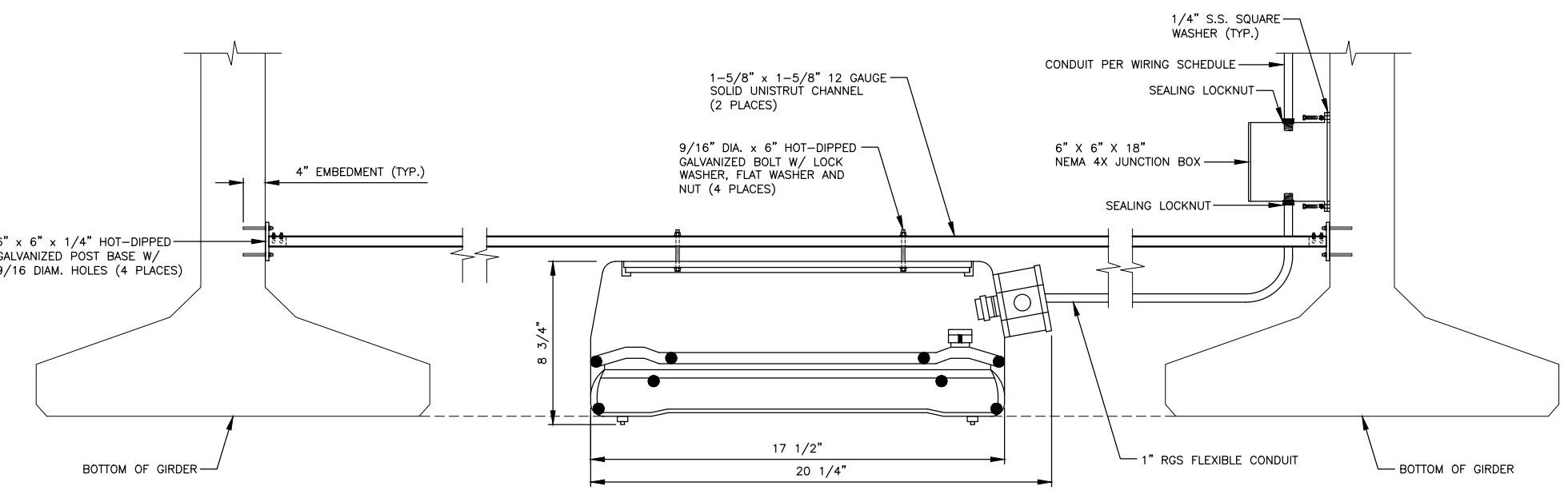
GENERAL NOTE

1. DRILLING THROUGH REINFORCING STEEL IS NOT ALLOWED. IF STEEL IS HIT WHILE DRILLING, THE LOCATION SHALL BE MOVED AND THE ABANDONED HOLE FILLED WITH GROUT CONFORMING TO WSDOT STD. SPEC. SECTION 6-02.3(20). THERE SHALL BE A MINIMUM 3\"/>

9/16\"/>

9/16\"/>

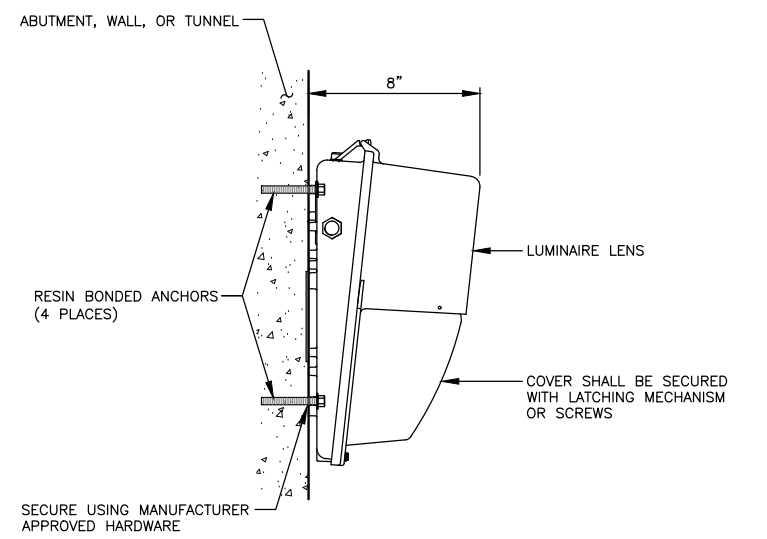
NON-SHRINKING CONCRETE EPOXY (EACH EMBEDDED BOLT)



SIDE VIEW

UNDERDECK LUMINAIRE MOUNTING DETAIL

N.T.S.



SIDE VIEW

WALLPACK MOUNTED LUMINAIRE DETAIL

N.T.S.

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No.	Date	Revision	By	Appr.

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LYNNWOOD WASHINGTON



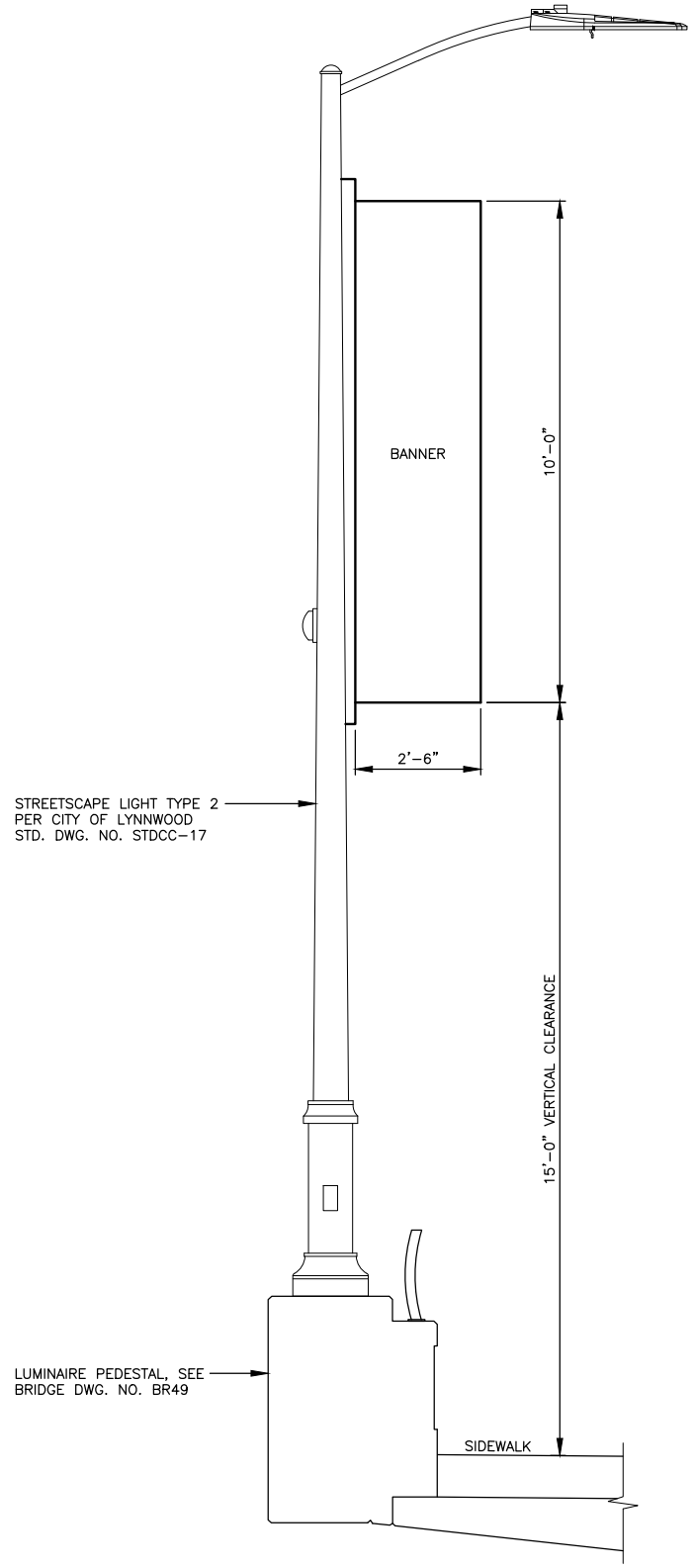
Drawn By	S. DELAVARPOUR	Date	5/2023
Designed By	E. BORGES	Date	5/2023
Checked By	V. WEN	Date	5/2023
Approved By	V. WEN	Date	5/2023

SCALE	
Horiz	
Vert	
Project Number	20100156

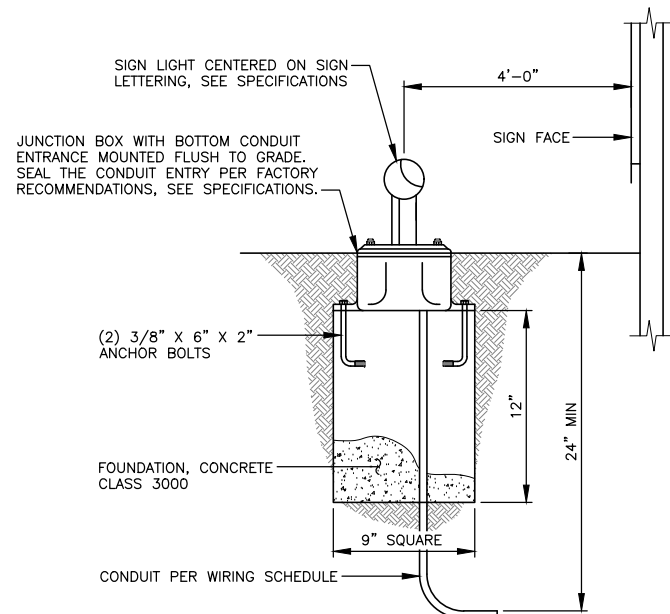
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
ILLUMINATION DETAILS

Drawing No.	IL19
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MODIFIED BANNER DETAIL
N.T.S.



NOTE:
SIGN LIGHT SHALL BE SUPPORTED BY 2 FOUNDATIONS. SECOND FOUNDATION SHALL NOT HAVE CONDUIT INSTALLED.

SIGN LIGHT DETAIL
N.T.S.

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LYNNWOOD WASHINGTON



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S. DELAVARPOUR	5/2023
Designed By	
E. BORGES	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

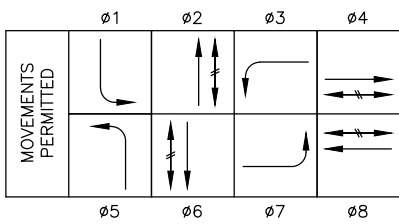
SCALE
Horiz
Vert
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
ILLUMINATION DETAILS

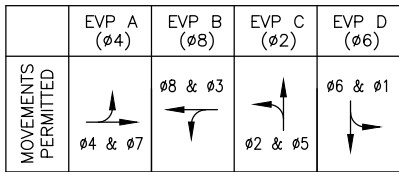
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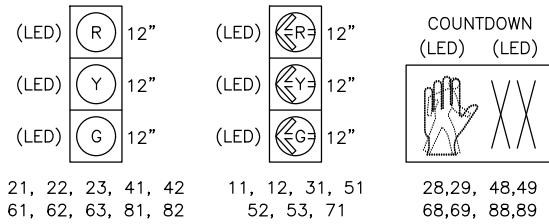
PHASING SEQUENCE DIAGRAM



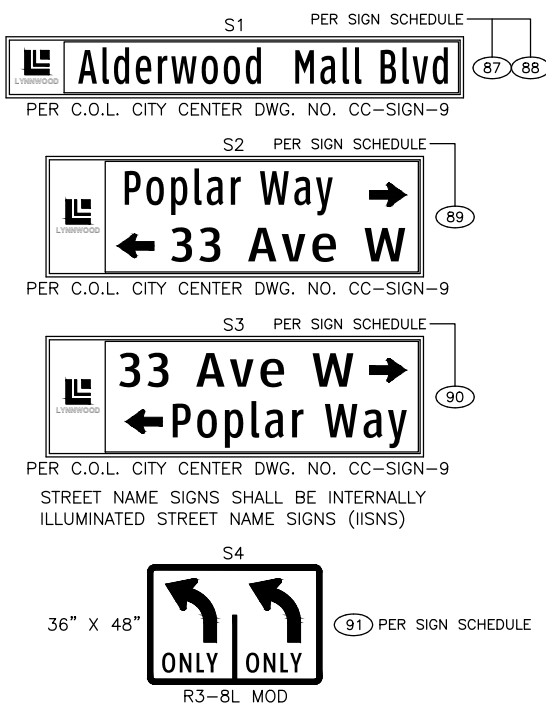
EMERGENCY VEHICLE PRE-EMPTIONS



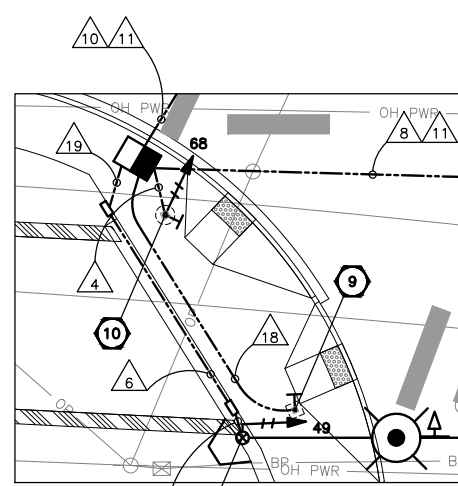
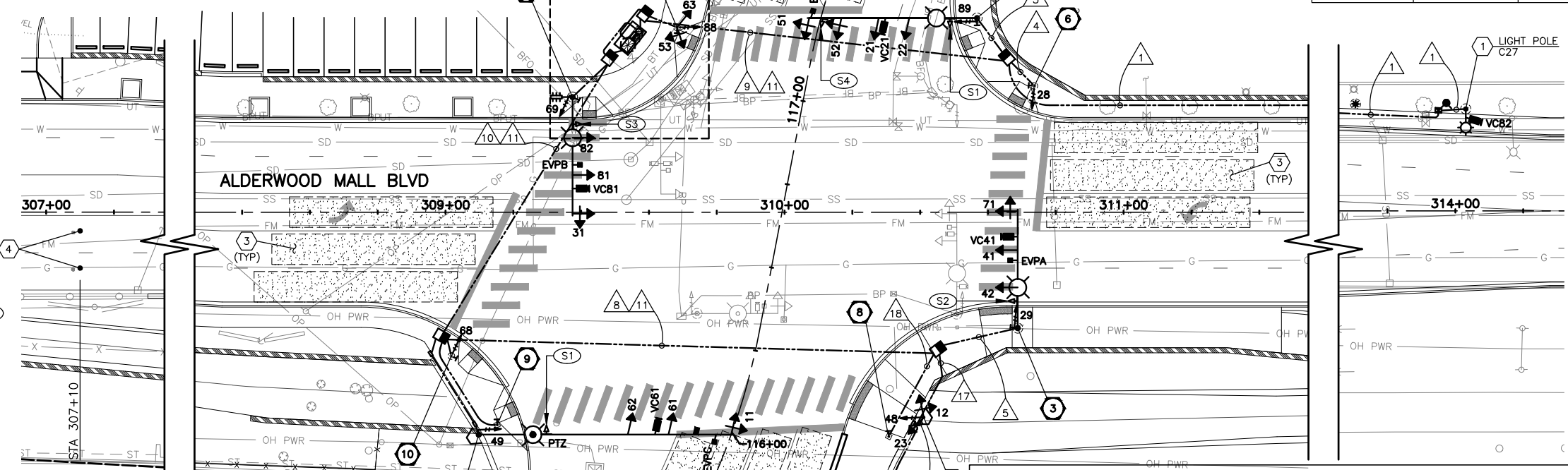
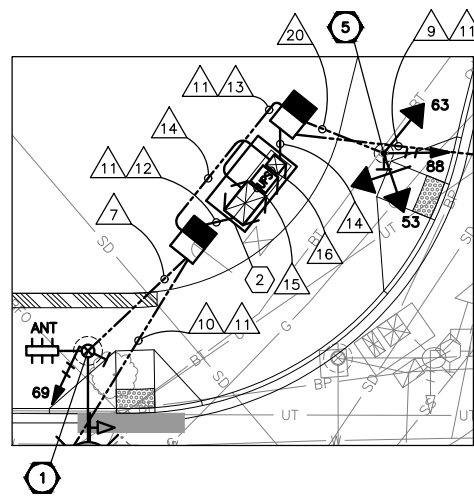
SIGNAL DISPLAYS



SIGN LEGEND



CALL 2 BUSINESS DAYS BEFORE YOU DIG
1 800 424-5555
UTILITIES UNDERGROUND LOCATION CENTER



PUSHBUTTON SCHEDULE

PUSH BUTTON NUMBER	POLE NUMBER	ARROW DIRECTION	SIGN
28	6	RIGHT	R10-3e
29	3	LEFT	R10-3e
48	8	RIGHT	R10-3e
49	9	LEFT	R10-3e
68	10	RIGHT	R10-3e
69	1	LEFT	R10-3e
88	5	RIGHT	R10-3e
89	2	LEFT	R10-3e

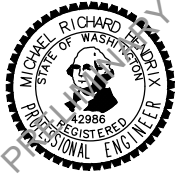
WIRE SCHEDULE

NO.	CONDUIT SIZE	PED DETECT 4C(S)	CAT5E	2C(S)	E. V. DETECT 3C(S)	SIGNAL HEAD 3C	SIGNAL HEAD 5C	SIGNAL HEAD 7C	VIDEO CABLE KG-9915	ILLUM POWER #8	POWER #10	BARE GROUND #8	SERVICE POWER 2/0	NOTES
1	2"								1			1		
2	2"								1			1		BRIDGE BARRIER
3	2"	1				1	2					1		BRIDGE BARRIER
4	2"						1					1		
5	3"				1		2	1	1	2	2	1		
6	3"	1			1		3		2	2	2	1		BRIDGE BARRIER
7	3"		1		1	1	3	1	2	2	2	1		
8	3"			1	1		4	1	2	2	2	1		
9	3"				1				2	2	2	1		
10	3"			2	2				4	2	2	1		
11	3"					1	8	1				1		SPARE
12	3"		1	2	3		2	11	2			1		
13	3"					1			2			1		
14	2"						6	1				2		CONTROLLER POWER
15	2"			2								2		UPS ALARM
16	2"											2		UPS POWER
17	2"	1				1	2		1			1		SPARE
18	1"	1		1								1		
19	3"	1			1		3		2	2	2	1		
20	2"						3					1		



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LYNNWOOD
WASHINGTON



Drawn By: S. DELAVARPOUR
Designed By: E. BORGES
Checked By: V. WEN
Approved By: V. WEN
Date: 5/2023

SCALE
Horiz: 1"=20'
Vert: NONE
Project Number: 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
ALDERWOOD MALL BLVD. & 33RD AVE W.
SIGNAL PLAN

Drawing No. **SG1**
Sheet No. X
of Total X

May 09, 2023 12:32pm X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156_SG.dwg Layout Name: SG1

DISPLAY NOTES

1. ALL VEHICLE SIGNAL HEADS SHALL HAVE 12" L.E.D. LENSES. THE HOUSING SHALL BE PAINTED DARK GREEN. POLYCARBONATE TUNNEL VISORS SHALL BE POWDER COATED FLAT BLACK IN COLOR INSIDE AND SHALL BE DARK GREEN ON THE OUTSIDE.
2. ALL PEDESTRIAN SIGNAL HEADS SHALL BE COUNTDOWN TYPE AND SOLID (NOT OUTLINED) L.E.D. WITH SYMBOLIC LEGENDS AND "Z-CRATE VISORS". THE ALUMINUM HOUSING SHALL BE POWDER COATED DARK GREEN WITH POWDER COATED FLAT BLACK VISORS.
3. ALL MAST-ARM MOUNTED STREET NAME SIGNS SHALL BE SHEATHED WITH 3M BRAND DIAMOND GRADE SHEETING OR EQUAL AND MOUNTED WITH STAINLESS STEEL STRAPS AND BRACKETS (SEE WSDOT STD. PLAN G-30.10-04).
4. VEHICLE SIGNAL HEADS 11, 21, 22, 31, 41, 42, 51, 52, 61, 62, 71, 81, AND 82 SHALL HAVE TYPE "M" MOUNTING PER WSDOT STD. PLAN J-75.20-01.
5. VEHICLE SIGNAL HEADS 12, 23, 53, AND 63 SHALL HAVE TYPE "F" MOUNTING PER WSDOT STD. PLAN J-75.10-02.
6. PEDESTRIAN SIGNAL HEADS 28 AND 68 SHALL HAVE TYPE "D" MOUNTING PER WSDOT STD. PLAN J-75.10-02.
7. PEDESTRIAN SIGNAL HEADS 29, 48, 49, 69, 88, AND 89 SHALL HAVE TYPE "B" MOUNTING PER WSDOT STD. PLAN J-75.10-02.
8. ALL VEHICLE HEADS SHALL HAVE ALUMINUM BACK PLATES. ALL BACKPLATES SHALL BE INSTALLED WITH A 2" WIDE STRIP OF YELLOW REFLECTIVE TAPE AROUND THE PERIMETER OF EACH BACKPLATE PER SPECIAL PROVISIONS. ALL BACKPLATES SHALL BE BLACK AND LOUVERED.
9. PEDESTRIAN PUSHBUTTONS SHALL BE TYPE CAMPBELL AGPS AND INSTALLED PER MANUFACTURER'S REQUIREMENTS. PUSHBUTTON HOUSING SHALL BE BLACK. PUSHBUTTON SHALL BE WHITE.

GENERAL NOTES

1. UTILITY LOCATION (DIAL-A-DIG) PRIOR TO CONSTRUCTION WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONFLICTS ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
2. ALL WORK SHALL BE IN CONFORMANCE WITH STATE OF WASHINGTON STANDARD PLANS AND SPECIFICATIONS, OR AS AMENDED BY CITY OF LYNNWOOD ENGINEERING DESIGN & DEVELOPMENT STANDARDS, EXCEPT AS MODIFIED BY CONTRACT PLANS AND PROVISIONS.
3. ALL JUNCTION BOXES AND CONDUIT RUNS SHALL BE INSTALLED AS SHOWN IN THE PLANS, LOCATIONS SHOWN ARE SCHEMATIC AND THE ENGINEER WILL PROVIDE EXACT LOCATIONS. SEE WSDOT STANDARD PLANS J-10, J-40.10-04 AND J-40.30-04. ALL JUNCTION BOX PLACED IN PEDESTRIAN PATH SHALL HAVE GALVANIZED STEEL SLIP-NOT COVERS.
4. UNLESS OTHERWISE SPECIFIED, ALL PROPOSED SIGNAL CONDUIT UNDER PAVEMENT SHALL BE SCHEDULE 80 PVC. ALL CONDUIT IN NATURAL GROUND SHALL BE SCHEDULE 40 PVC.

SIGNAL POLE NOTES:

- 1 CONSTRUCT FOUNDATION PER WSDOT STD. PLAN J-26.10-03. FURNISH AND INSTALL TYPE III SIGNAL POLE WITH 35' MASTARM, ONE (1) 8' LUMINAIRE ARM, ONE (1) 150 WATT LED TYPE III LUMINAIRE, INCLUDING MOUNTINGS, THREE (3) VEHICLE SIGNAL HEADS, ONE (1) EVP DETECTOR TYPE 752, ONE (1) VIDEO DETECTION CAMERA, ONE (1) WIRELESS ACCESS POINT, ONE (1) INTERNALLY ILLUMINATED STREET NAME SIGN (IISNS), ONE (1) POLE MOUNTED TERMINAL CABINET, ONE (1) PEDESTRIAN SIGNAL HEAD, AND ONE (1) PEDESTRIAN PUSHBUTTON ASSEMBLY.
- 2 CONSTRUCT FOUNDATION PER WSDOT STD. PLAN J-26.10-03. FURNISH AND INSTALL TYPE III SIGNAL POLE WITH 50' MASTARM, ONE (1) 8' LUMINAIRE ARM, ONE (1) 150 WATT LED TYPE III LUMINAIRE, INCLUDING MOUNTINGS, FOUR (4) VEHICLE SIGNAL HEADS, ONE (1) EVP DETECTOR TYPE 752, ONE (1) VIDEO DETECTION CAMERA, ONE (1) LANE CONTROL SIGN, ONE (1) INTERNALLY ILLUMINATED STREET NAME SIGN (IISNS), ONE (1) POLE MOUNTED TERMINAL CABINET, ONE (1) PEDESTRIAN SIGNAL HEAD, AND ONE (1) PEDESTRIAN PUSHBUTTON ASSEMBLY.
- 3 CONSTRUCT FOUNDATION PER WSDOT STD. PLAN J-26.10-03. FURNISH AND INSTALL TYPE SD SIGNAL POLE WITH 35' MASTARM, ONE (1) 8' LUMINAIRE ARM, ONE (1) 150 WATT LED TYPE III LUMINAIRE, INCLUDING MOUNTINGS, THREE (3) VEHICLE SIGNAL HEADS, ONE (1) EVP DETECTOR TYPE 752, ONE (1) VIDEO DETECTION CAMERA, ONE (1) INTERNALLY ILLUMINATED STREET NAME SIGN (IISNS), ONE (1) POLE MOUNTED TERMINAL CABINET, ONE (1) PEDESTRIAN SIGNAL HEAD, AND ONE (1) PEDESTRIAN PUSHBUTTON ASSEMBLY.
- 4 CONSTRUCT SPECIAL FOUNDATION PER DETAIL DRAWING BR49. FURNISH AND INSTALL TYPE III SIGNAL POLE WITH 75' MASTARM, ONE (1) 8' LUMINAIRE ARM, ONE (1) 150 WATT LED TYPE III LUMINAIRE, INCLUDING MOUNTINGS, ONE (1) CCTV DOME CAMERA (MOUNTED ON LUMINAIRE ARM), THREE (3) VEHICLE SIGNAL HEADS, ONE (1) EVP DETECTOR TYPE 752, ONE (1) VIDEO DETECTION CAMERA, ONE (1) INTERNALLY ILLUMINATED STREET NAME SIGN (IISNS), ONE (1) POLE MOUNTED TERMINAL CABINET, AND ONE (1) PEDESTRIAN SIGNAL HEAD.
- 5 CONSTRUCT FOUNDATION PER WSDOT STD. PLAN J-21.10-04. FURNISH AND INSTALL TYPE 1 SIGNAL POLE, TWO (2) VEHICLE SIGNAL HEADS, ONE (1) PEDESTRIAN SIGNAL HEAD, AND ONE (1) PEDESTRIAN PUSHBUTTON ASSEMBLY.
- 6 CONSTRUCT FOUNDATION PER WSDOT STD. PLAN J-21.10-04. FURNISH AND INSTALL TYPE PS SIGNAL POLE, ONE (1) PEDESTRIAN SIGNAL HEAD, AND ONE (1) PEDESTRIAN PUSHBUTTON ASSEMBLY.
- 7 CONSTRUCT SPECIAL FOUNDATION PER DETAIL DRAWING BR49. FURNISH AND INSTALL TYPE I SIGNAL POLE, TWO (2) VEHICLE SIGNAL HEAD, AND ONE (1) PEDESTRIAN SIGNAL HEAD.
- 8 CONSTRUCT FOUNDATION PER WSDOT STD. PLAN J-20.10-04. FURNISH AND INSTALL TYPE PPB SIGNAL POLE AND ONE (1) PEDESTRIAN PUSHBUTTON ASSEMBLY.
- 9 CONSTRUCT SPECIAL FOUNDATION PER DETAIL DRAWING BR49. FURNISH AND INSTALL TYPE PPB SIGNAL POLE AND ONE (1) PEDESTRIAN PUSHBUTTON ASSEMBLY.
- 10 CONSTRUCT FOUNDATION PER WSDOT STD. PLAN J-21.10-04. FURNISH AND INSTALL TYPE PS SIGNAL POLE, ONE (1) PEDESTRIAN SIGNAL HEAD, AND ONE (1) PEDESTRIAN PUSHBUTTON ASSEMBLY.

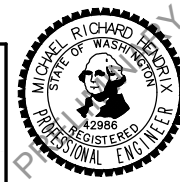
CONSTRUCTION NOTES:

- 1 INSTALL VIDEO DETECTION CAMERA ON LUMINAIRE ARM, PER DETAIL DRAWING SG6.
- 2 INSTALL CITY FURNISHED CONTROLLER CABINET, SERVICE CABINET AND UPS CABINET ON FOUNDATION/ACCESS PAD PER CITY OF LYNNWOOD STD. PLAN TR-SIG-3. CONTROLLER AND UPS CABINET FRONT DOORS SHALL FACE WEST. THE CABINETS AND ACCESS PAD SHALL BE LOCATED AT STA 117+03.7, 53.3' LT (SW CORNER) AND STA 117+11.2, 49.3' LT (NW CORNER).
- 3 VIDEO DETECTION ZONE, FOR REFERENCE ONLY.
- 4 INSTALL WIRELESS SENSOR, PER MANUFACTURER'S REQUIREMENTS.

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May 09, 2023 - 12:32pm sean.delavarpour X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension_Bridge\CADD_v.2014\Plan_Sheets\20100156_SG.dwg Layout Name: SG2

No.	Date	Revision	By	Appr.



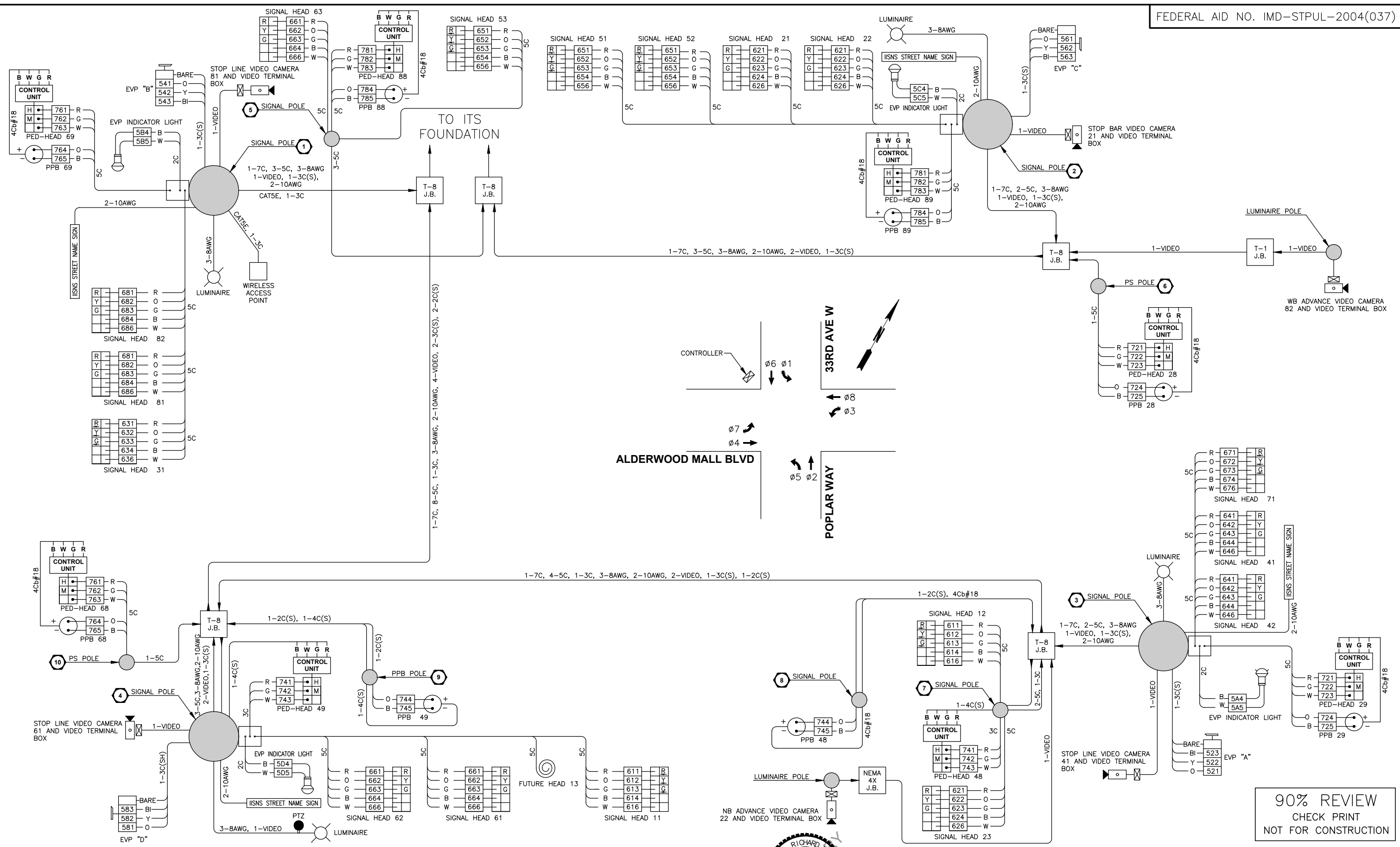
Drawn By	Date
S. DELAVARPOUR	5/2023
Designed By	
E. BORGES	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

SCALE
Horiz 1"=20'
Vert NONE
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
ALDERWOOD MALL BLVD. & 33RD AVE W.
SIGNAL NOTES

Drawing No.	SG2
Sheet No.	X
of Total	X

May 09, 2023 12:32pm sean.delavarpour X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156 SC.dwg Layout Name: SC4

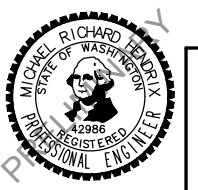


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LYNNWOOD WASHINGTON



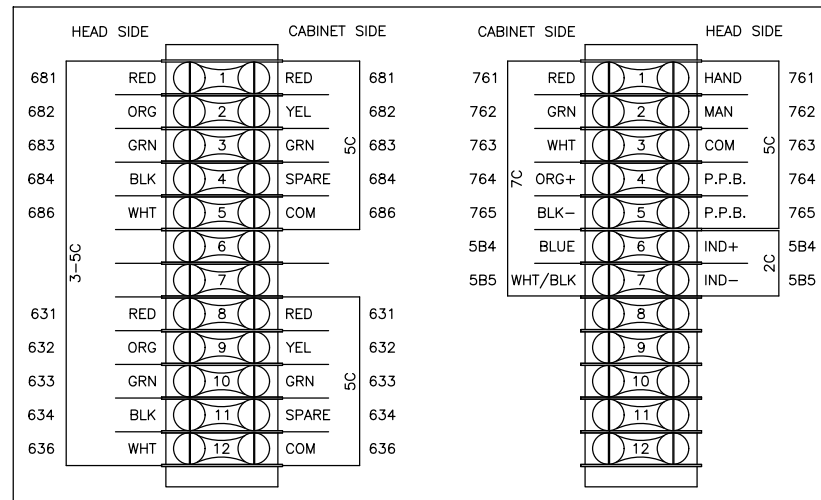
Drawn By S. DELAVARPOUR	Date 5/2023
Designed By E. BORGES	5/2023
Checked By V. WEN	5/2023
Approved By V. WEN	5/2023

CITY OF LYNNWOOD
**POPLAR WAY EXTENSION BRIDGE
ALDERWOOD MALL BLVD. & 33RD AVE W.
WIRING DIAGRAM**

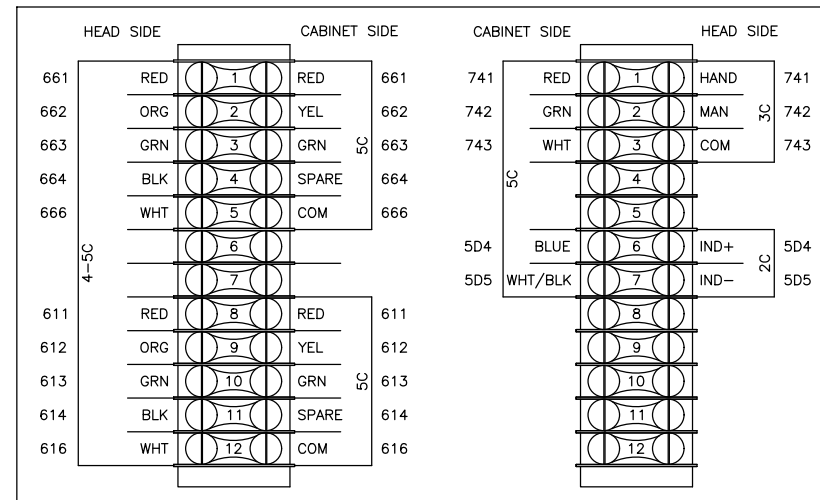
SCALE
Horiz NONE
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Project Number 20100156

Drawing No. **SG4**
Sheet No. X of Total X of Total

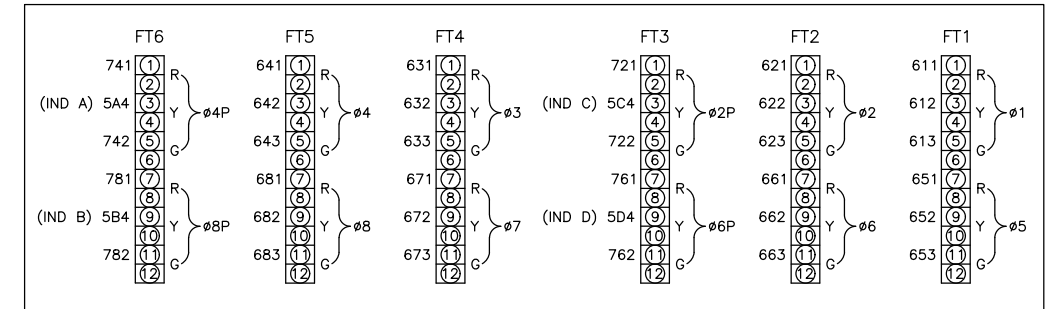
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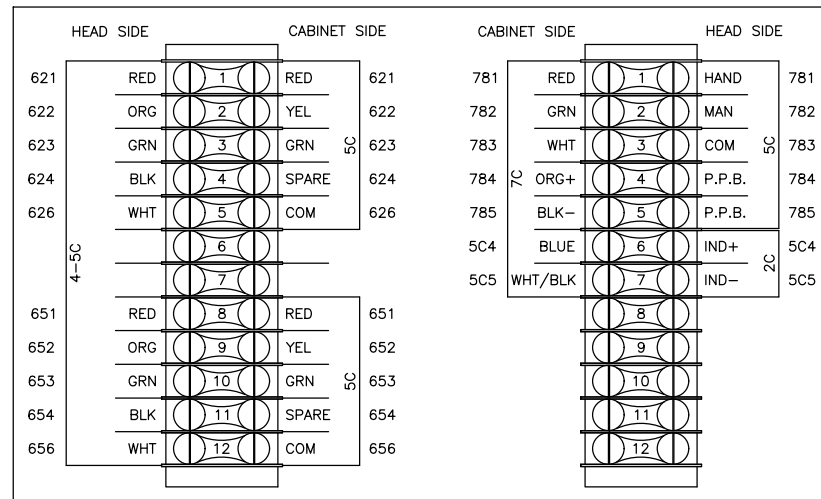
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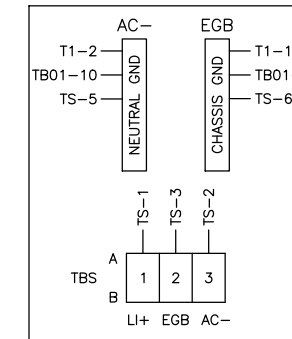
FIELD SIGNAL WIRING



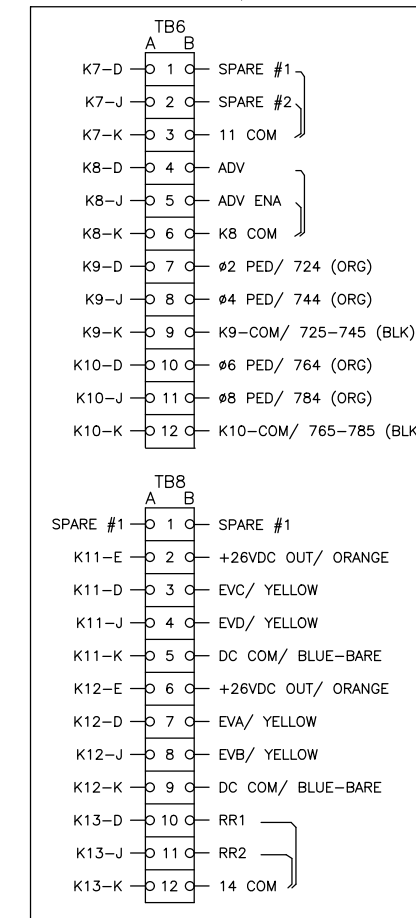
TERMINAL CABINET 2



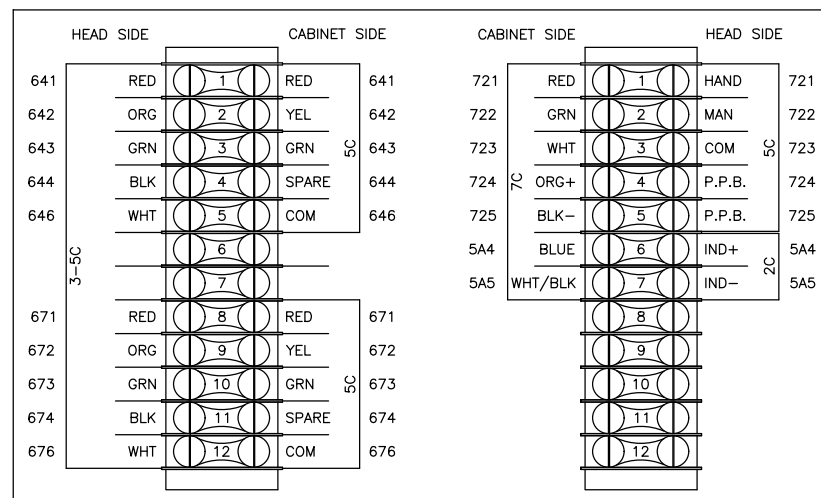
POWER



P.P.B./EVP



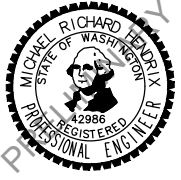
TERMINAL CABINET 3



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No.	Date	Revision	By	Appr.

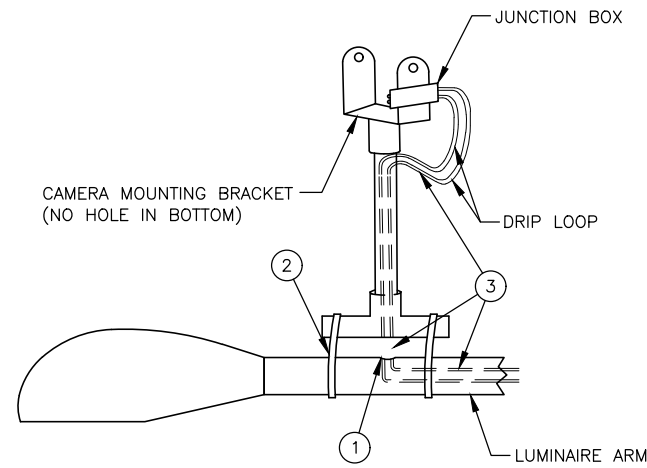


Drawn By S. DELAVARPOUR Date 5/2023
Designed By E. BORGES Date 5/2023
Checked By V. WEN Date 5/2023
Approved By V. WEN Date 5/2023

SCALE
Horiz NONE
Vert NONE
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
ALDERWOOD MALL BLVD. & 33RD AVE W.
TERMINATION DIAGRAM

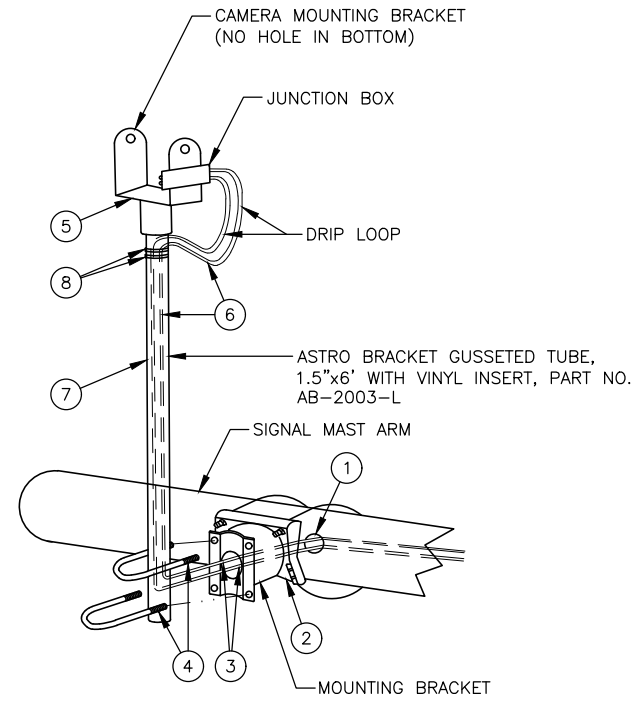
Drawing No. SG5
Sheet No. X
of Total X



VIDEO DETECTION CAMERA ON LUMINAIRE ARM MOUNTING DETAIL
N.T.S.

NOTES:

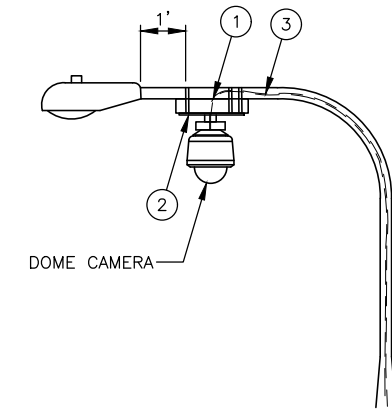
- ① THE CONTRACTOR SHALL DRILL A 1" HOLE IN THE TOP OF THE LUMINAIRE MAST ARM, DEBURR, AND PUT A RUBBER GROMMET IN HOLE.
- ② THE CAMERA MOUNT SHALL BE INSTALLED OVER THE 1" HOLE.
- ③ VIDEO CABLES SHALL BE PULLED THROUGH THE LUMINAIRE MAST ARM THROUGH THE 1" HOLE, THROUGH THE CAMERA MOUNT AND THROUGH THE INSIDE OF TUBE. EXIT TUBE THROUGH PRE-DRILLED HOLE IN THE SIDE OF TUBE AND CONNECT TO VIDEO JUNCTION BOX LEAVING A DRIP LOOP IN CABLES.



VIDEO DETECTION CAMERA ON SIGNAL POLE MAST ARM MOUNTING DETAIL
N.T.S.

NOTES:

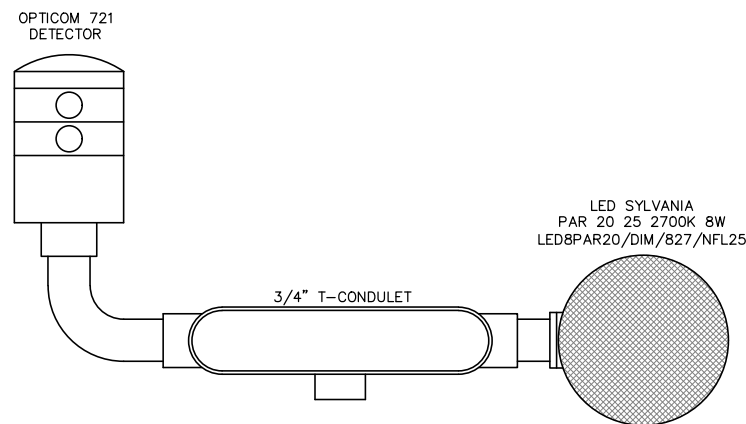
- ① THE CONTRACTOR SHALL DRILL A 1" HOLE IN THE BACK SIDE OF THE SIGNAL MAST ARM, DEBURR, & PUT A RUBBER GROMMET IN HOLE.
- ② THE ASTRO BRACKET SHALL BE INSTALLED OVER THE 1" HOLE.
- ③ VIDEO CABLES SHALL BE PULLED THROUGH THE SIGNAL MAST ARM, THROUGH THE 1" HOLE AND THROUGH THE ASTRO BRACKET.
- ④ BOLT 1.5" GUSSETED TUBE TO ASTRO BRACKET.
- ⑤ ATTACH VIDEO CAMERA MOUNTING BRACKET TO THE TOP OF THE GUSSETED TUBE.
- ⑥ ROUTE VIDEO CABLES IN GUSSET TO THE INSIDE OF TUBE, UP THE TUBE EXITING TUBE AT TOP OF GUSSET AND CONNECT TO VIDEO JUNCTION BOX LEAVING A DRIP LOOP IN CABLES.
- ⑦ INSTALL VINYL INSERT IN GUSSET, LEAVING NO MORE THAN A 1" GAP AT THE TOP FOR CABLES TO EXIT THE TUBE.
- ⑧ INSTALL 2 BLACK WEATHER RATED WIRE TIES AROUND TUBE WHERE CABLES EXIT AT THE TOP OF THE VINYL INSERT.



DOME CCTV CAMERA ON LUMINAIRE ARM MOUNTING DETAIL
N.T.S.

NOTES:

- ① THE CONTRACTOR SHALL DRILL A 1" HOLE IN THE BOTTOM OF THE LUMINAIRE MAST ARM, DEBURR, AND PUT A RUBBER GROMMET IN HOLE.
- ② THE DOME CAMERA MOUNT SHALL BE PLACED OVER THE HOLE.
- ③ THE COMPOSITE CABLE SHALL BE PULLED THROUGH THE LUMINAIRE ARM, THROUGH THE 1" HOLE, THROUGH THE CAMERA MOUNT, AND INTO THE CAMERA HOUSING.



EMERGENCY PREEMPTION DETECTOR/EMITTER
N.T.S.

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LYNNWOOD WASHINGTON

Drawn By	S. DELAVARPOUR	Date	5/2023
Designed By	E. BORGES	Checked By	V. WEN
Checked By	V. WEN	Approved By	V. WEN
Project Number	20100156		

SCALE	1"=20'
Horiz	NONE
Vert	NONE

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
ALDERWOOD MALL BLVD. & 33RD AVE W.
SIGNAL DETAILS

Drawing No.	SG6
Sheet No.	X
of Total	X

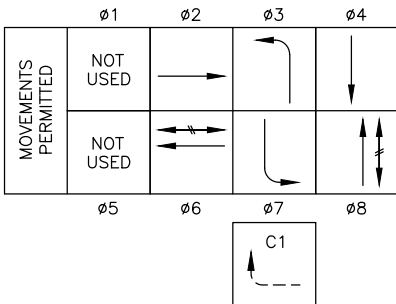
SEC. 22, T. 27 N., R. 4 E., W.M.

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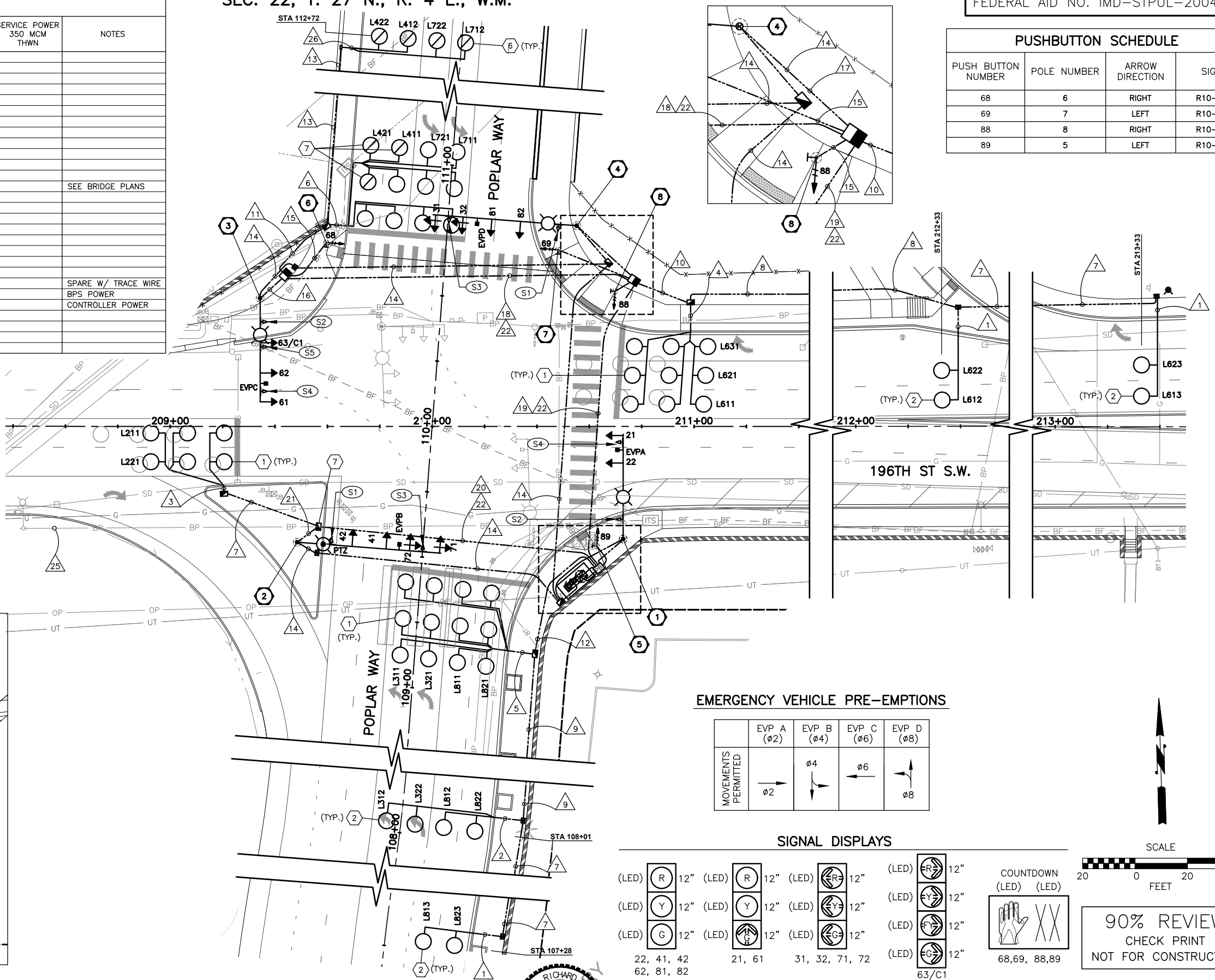
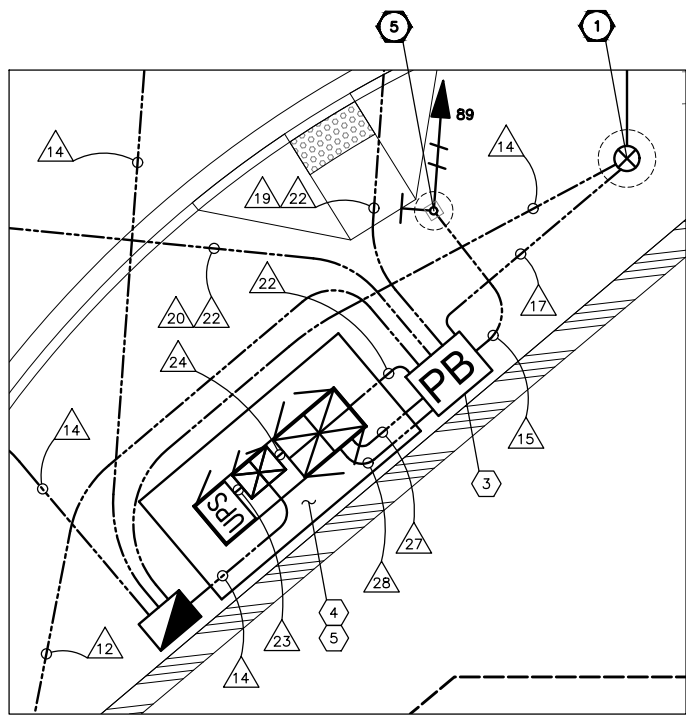
WIRING SCHEDULE											
NO.	CONDUIT SIZE	2-#14 TWISTED	VIDEO 6CDe	VEH DETECT 2C(S)	E. V. DETECT 3C(S)	SIGNAL 5C	SIGNAL 7C	POWER ILLUM/SIGNAL	BARE GROUND #8	SERVICE POWER 350 MCM THWN	NOTES
1	2"	2									
2	2"	4									
3	2"	6									
4	2"	9									
5	2.5"	12									
6	2.5"	12									
7	2"			2					1		
8	2"			4					1		
9	2"			6					1		
10	2"			7					1		
11	2"			8					1		
12	3"			10					1		
13	2"			4					1		SEE BRIDGE PLANS
14	2"							2-#8	1		
15	2"					1	1		1		
16	3"				1	1	1		1		
17	3"				1	2	1		1		
18	3"			8	1	2	1		1		
19	4"			15	2	6	1		1		
20	3"		1	2	1	2	2		1		
21	3"		1	1	1	2	2		1		
22	3"										
23	2"							2-#10	1		SPARE W/ TRACE WIRE BPS POWER
24	2"							2-#6	1		CONTROLLER POWER
25	EX. 2"		1								
26	2"	4									
27	4"		1	27	4	11	1		1		
28	4"										

PUSHBUTTON SCHEDULE			
PUSH BUTTON NUMBER	POLE NUMBER	ARROW DIRECTION	SIGN
68	6	RIGHT	R10-3e
69	7	LEFT	R10-3e
88	8	RIGHT	R10-3e
89	5	LEFT	R10-3e

PHASING SEQUENCE DIAGRAM



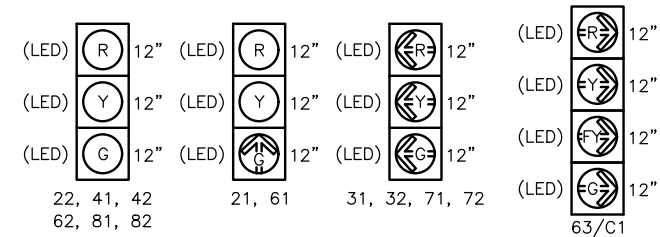
PHASES ø3 AND ø7 SHALL NOT RUN CONCURRENTLY BUT IN A LEAD/LAG MODE



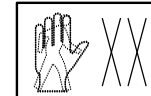
EMERGENCY VEHICLE PRE-EMPTIONS

	EVP A (ø2)	EVP B (ø4)	EVP C (ø6)	EVP D (ø8)
MOVEMENTS PERMITTED	ø2	ø4	ø6	ø8

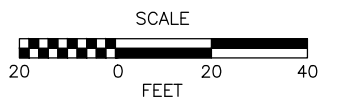
SIGNAL DISPLAYS



COUNTDOWN (LED) (LED)



68, 69, 88, 89



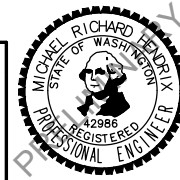
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No.	Date	Revision	By	Appr.

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LYNNWOOD
WASHINGTON



Drawn By S. DELAVARPOUR Date 5/2023
Designed By E. BORGES Date 5/2023
Checked By V. WEN Date 5/2023
Approved By V. WEN Date 5/2023

SCALE
Horiz 1"=20'
Vert NONE
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
196TH ST SW & POPLAR WAY
SIGNAL PLAN

Drawing No. **SG7**
Sheet No. X
of Total X

SIGNALIZATION SYMBOLS

SYMBOL	DESCRIPTION
	ROUND LOOP DETECTOR
	PREFORMED ROUND LOOP DETECTOR
	JUNCTION BOXES (TYPE 1, 2, 8)
	PULL BOX
	PEDESTRIAN PUSHBUTTON POST W/ PUSHBUTTON
	SIGNAL CONTROLLER
	ELECTRICAL SERVICE CABINET
	UNINTERRUPTED POWER SOURCE
	TRAFFIC SIGNAL POLE W/ LUMINAIRE
	PEDESTRIAN SIGNAL HEAD
	VEHICLE SIGNAL HEAD
	VEHICLE SIGNAL HEAD W/ ARROW INDICATOR
	EMERGENCY VEHICLE DETECTOR
	VIDEO DETECTION CAMERA
	SIGNAL POLE NOTE
	WIRE NOTE
	CONSTRUCTION NOTE
	CONDUIT

DISPLAY NOTES

- ALL VEHICLE SIGNAL HEADS SHALL HAVE 12" L.E.D. LENSES. THE HOUSING SHALL BE PAINTED DARK GREEN. ALUMINUM TUNNEL VISORS SHALL BE PAINTED FLAT BLACK IN COLOR INSIDE AND SHALL BE DARK GREEN ON THE OUTSIDE.
- ALL PEDESTRIAN SIGNAL HEADS SHALL BE COUNTDOWN TYPE AND SOLID (NOT OUTLINED) L.E.D. WITH SYMBOLIC LEGENDS AND "Z-CRATE VISORS". THE ALUMINUM HOUSING SHALL BE PAINTED DARK GREEN WITH FLAT BLACK VISORS.
- ALL MAST-ARM MOUNTED STREET NAME SIGNS SHALL BE SHEATHED WITH 3M BRAND DIAMOND GRADE SHEETING OR EQUAL AND MOUNTED WITH STAINLESS STEEL STRAPS AND BRACKETS (SEE WSDOT STD. PLAN G-30.10-04).
- ALL VEHICLE SIGNAL HEADS SHALL HAVE TYPE "M" MOUNTING PER WSDOT STD. PLAN J-75.20-01.
- ALL PEDESTRIAN SIGNAL HEAD S SHALL HAVE TYPE "D" MOUNTING PER WSDOT STD. PLAN J-75.10-02.
- ALL VEHICLE HEADS SHALL HAVE ALUMINUM BACKPLATES. ALL BACKPLATES SHALL BE INSTALLED WITH A 3" WIDE STRIP OF YELLOW REFLECTIVE TAPE AROUND THE PERIMETER OF EACH BACKPLATE PER SPECIAL PROVISIONS. ALL BACKPLATES SHALL BE BLACK AND LOUVERED.
- PEDESTRIAN PUSHBUTTONS SHALL BE APS (4-WIRE) TYPE AND INSTALLED PER MANUFACTURER'S REQUIREMENTS.

GENERAL NOTES

- UTILITY LOCATION (DIAL-A-DIG) PRIOR TO CONSTRUCTION WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONFLICTS ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
- ALL WORK SHALL BE IN CONFORMANCE WITH STATE OF WASHINGTON STANDARD PLANS AND SPECIFICATIONS, EXCEPT AS MODIFIED BY CONTRACT PLANS AND PROVISIONS.
- ALL JUNCTION BOXES AND CONDUIT RUNS SHALL BE INSTALLED AS SHOWN IN THE PLANS, LOCATIONS SHOWN ARE SCHEMATIC AND THE ENGINEER WILL PROVIDE EXACT LOCATIONS. SEE WSDOT STANDARD PLANS J-10, J-40.10-04 AND J-40.30-04.
- UNLESS OTHERWISE SPECIFIED, ALL PROPOSED SIGNAL CONDUIT SHALL BE SCHEDULE. 80 PVC.
- JUNCTION BOXES SHALL NOT BE PLACED IN SIDEWALKS. IF UNAVOIDABLE, JUNCTION BOXES SHALL HAVE SLIP RESISTANT LIDS AND FRAMES.
- ALL ROADWAY CONDUIT CROSSINGS OF 196TH ST SW/SR524 SHALL BE DIRECTIONALLY BORED IN ACCORDANCE WITH STD. SPEC. 8-20.3(5).

SIGNAL POLE NOTES:

- CONSTRUCT FOUNDATION PER WSDOT STD. PLANS J-26.10-03 AND J-26.15-01. FURNISH AND INSTALL TYPE III SIGNAL POLE WITH 40' MASTARM, ONE (1) 12' LUMINAIRE ARM, ONE (1) 250 WATT HPS LED EQUIVALENT MC TYPE III LUMINAIRE, INCLUDING MOUNTINGS, TWO (2) VEHICLE SIGNAL HEADS, ONE (1) EVP DETECTOR TYPE 721, ONE (1) LANE CONTROL SIGN, ONE (1) STREET NAME SIGN, AND ONE (1) POLE MOUNTED TERMINAL CABINET.
- CONSTRUCT FOUNDATION PER WSDOT STD. PLANS J-26.10-03 AND J-26.15-01. FURNISH AND INSTALL TYPE III SIGNAL POLE WITH 50' MASTARM, ONE (1) 10' LUMINAIRE ARM, ONE (1) 250 WATT HPS LED EQUIVALENT MC TYPE III LUMINAIRE, INCLUDING MOUNTINGS, FOUR (4) VEHICLE SIGNAL HEADS, ONE (1) EVP DETECTOR TYPE 721, ONE (1) DOME SURVEILLANCE CAMERA, ONE (1) LANE CONTROL SIGN, ONE (1) STREET NAME SIGN, AND ONE (1) POLE MOUNTED TERMINAL CABINET.
- CONSTRUCT FOUNDATION PER WSDOT STD. PLANS J-26.10-03 AND J-26.15-01. FURNISH AND INSTALL TYPE III SIGNAL POLE WITH 40' MASTARM, ONE (1) 16' LUMINAIRE ARM, ONE (1) 250 WATT HPS LED EQUIVALENT MC TYPE III LUMINAIRE, INCLUDING MOUNTINGS, THREE (3) VEHICLE SIGNAL HEADS, ONE (1) EVP DETECTOR TYPE 721, TWO (2) LANE CONTROL SIGNS, ONE (1) STREET NAME SIGN, ONE (1) POLE MOUNTED TERMINAL CABINET.
- CONSTRUCT FOUNDATION PER WSDOT STD. PLANS J-26.10-03 AND J-26.15-01. FURNISH AND INSTALL TYPE III SIGNAL POLE WITH 55' MASTARM, ONE (1) 16' LUMINAIRE ARM, ONE (1) 250 WATT HPS LED EQUIVALENT MC TYPE III LUMINAIRE, INCLUDING MOUNTINGS, FOUR (4) VEHICLE SIGNAL HEADS, ONE (1) EVP DETECTOR TYPE 721, ONE (1) LANE CONTROL SIGN, AND ONE (1) STREET NAME SIGN, ONE (1) POLE MOUNTED TERMINAL CABINET.
- CONSTRUCT FOUNDATION PER WSDOT STD. PLANS J-21.10-04 AND J-26.15-01. FURNISH AND INSTALL TYPE PS SIGNAL POLE, ONE (1) PEDESTRIAN SIGNAL HEAD AND ONE (1) PEDESTRIAN PUSHBUTTON ASSEMBLY.
- CONSTRUCT FOUNDATION PER WSDOT STD. PLANS J-21.10-04 AND J-26.15-01. FURNISH AND INSTALL TYPE PS SIGNAL POLE, ONE (1) PEDESTRIAN SIGNAL HEAD AND ONE (1) PEDESTRIAN PUSHBUTTON ASSEMBLY.
- CONSTRUCT FOUNDATION PER WSDOT STD. PLANS J-21.10-04 AND J-26.15-01. FURNISH AND INSTALL TYPE PS SIGNAL POLE, ONE (1) PEDESTRIAN SIGNAL HEAD AND ONE (1) PEDESTRIAN PUSHBUTTON ASSEMBLY.
- CONSTRUCT FOUNDATION PER WSDOT STD. PLANS J-21.10-04 AND J-26.15-01. FURNISH AND INSTALL TYPE PS SIGNAL POLE, ONE (1) PEDESTRIAN SIGNAL HEAD AND ONE (1) PEDESTRIAN PUSHBUTTON ASSEMBLY.

CONSTRUCTION NOTES:

- INSTALL TYPE 3 STOP LINE LOOPS, PER WSDOT STD. PLAN J-50.12-02.
- INSTALL TYPE 3 ADVANCE LOOPS, PER WSDOT STD. PLAN J-50.12-02.
- INSTALL PULL BOX PER WSDOT STD. PLAN J-90.10-03. COIL EXTRA WIRE IN PULL BOX, NOT IN CONTROLLER CABINET.
- CONSTRUCT FOUNDATION FOR COMBINATION CONTROLLER, SERVICE, AND BACKUP POWER SOURCE (BPS), PER WSDOT STD. PLAN J-10.10-04. LOCATION AND ORIENTATION OF FOUNDATION AND CABINETS SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLING CONDUITS.
- PROVIDE AND INSTALL DOUBLE 332/2070 CABINET. PROVIDE AND INSTALL SERVICE AND BPS. WIRE TO THE INTERSECTION CONFIGURATION WITH ALL ASSOCIATED EQUIPMENT. MAKE NECESSARY FIELD CONNECTIONS, SEE WSDOT STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS FOR REQUIRED TESTS.
- INSTALL PREFORMED LOOPS, PER WSDOT STD. PLAN J-50.16-01.
- INTERCEPT EXISTING CONDUIT AND EXTEND INTO PROPOSED JUNCTION BOX.

SIGN LEGEND

S1
66"x12" **196th St SW** (92) (93) PER SIGN SCHEDULE
D3-201

S2
60"x12" **Poplar Way** (94) (95) PER SIGN SCHEDULE
D3-201

S3
36"x48" **ONLY ONLY** (96) (97) PER SIGN SCHEDULE
R3-8L MOD

S4
30"x30" **ONLY** (98) (99) PER SIGN SCHEDULE
R3-2

S5
36"x30" **ONLY** (100) PER SIGN SCHEDULE
R3-5R

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LYNNWOOD WASHINGTON



Drawn By	Date
S. DELAVARPOUR	5/2023
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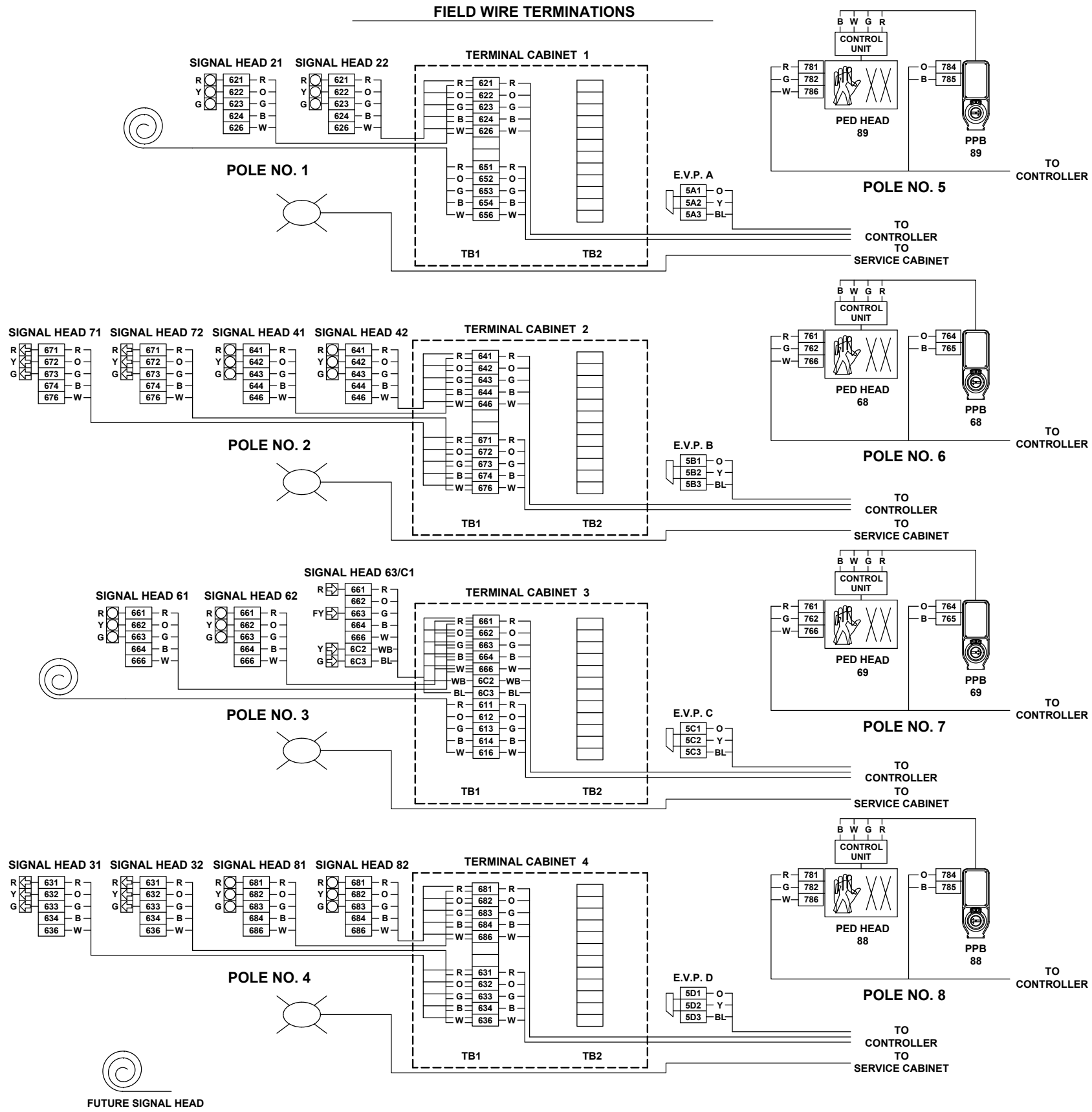
SCALE	
Horiz	NONE
Vert	NONE
Project Number	20100156

CITY OF LYNNWOOD
**POPLAR WAY EXTENSION BRIDGE
196TH ST SW & POPLAR WAY
SIGNAL NOTES**

Drawing No.	SG8
Sheet No.	X
of Total	X

FIELD WIRE TERMINATIONS

CABINET WIRE TERMINATIONS



DETECTION INPUT TERMINALS

TB 2

816	1	I1D	Ø1U
817	2	I1E	
818	3	I1J	Ø1L
819	4	I1K	
921	5	I2D	Ø2U
922	6	I2E	
923	7	I2J	Ø2L
924	8	I2K	
925	9	I3D	Ø2U
926	10	I3E	
927	11	I3J	Ø2L
928	12	I3K	

COORDINATION

TB0

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

SERVICE PANEL

TBS

501	1	AC+
502	2	CG
	3	AC-
	4	
	5	

AUXILIARY PREEMPTION
(CONNECTED VIA 262W WIRE HARNESS TO M262 DISCRIMINATOR)

TB10

1	A&C AUX	2	A&C AUX	3	A AUX	4	A AUX	5	C AUX	6	C AUX	7	B&D AUX	8	B&D AUX	9	B AUX	10	B AUX	11	D AUX	12	D AUX
												WB	C1		BL	C1							

TB 4

211	B	826	1	I4D	Ø2U
	W	827	2	I4E	
	W	828	3	I4J	Ø2L
	W	829	4	I4K	
311	B	836	5	I5D	Ø3U
	W	837	6	I5E	
321	B	838	7	I5J	Ø3L
	W	839	8	I5K	
		941	9	I6D	Ø4U
		942	10	I6E	
		943	11	I6J	Ø4L
		944	12	I6K	

TB 5

Ø6U	J4D	1	866	B	611
	J4E	2	867	W	
Ø6L	J4J	3	868	B	621
	J4K	4	869	W	
Ø6U	J2D	5	961	B	613
	J2E	6	962	W	
Ø6L	J2J	7	963	B	623
	J2K	8	964	W	
Ø6U	J3D	9	965	B	612
	J3E	10	966	W	
Ø6L	J3J	11	967	B	622
	J3K	12	968	W	

TB 6

412	B	945	1	I7D	Ø4U
	W	946	2	I7E	
422	B	947	3	I7J	Ø4L
	W	948	4	I7K	
411	B	846	5	I8D	Ø4U
	W	847	6	I8E	
421	B	848	7	I8J	Ø4L
	W	849	8	I8K	
312	B	911	9	I9D	Ø3U
	W	912	10	I9E	
322	B	931	11	I9J	Ø3L
	W	932	12	I9K	

TB 7

Ø8U	J7D	1	985	B	812
	J7E	2	986	W	
Ø8L	J7J	3	987	B	822
	J7K	4	988	W	
Ø8U	J8D	5	886	B	811
	J8E	6	887	W	
Ø8L	J8J	7	888	B	821
	J8K	8	889	W	
Ø7U	J9D	9	951	B	712
	J9E	10	952	W	
Ø7L	J9J	11	971	B	722
	J9K	12	972	W	

TB 8

1			
2			
3			
724	4	I12D	Ø2P
744	5	I12J	Ø4P
725	6	I12K	COM
764	7	I13D	Ø6P
784	8	I13J	Ø8P
765	9	I13K	COM
10			
11			
12			

TB 9

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

DISPLAY OUTPUT TERMINALS

41	R	641	101	Ø4R	721	113	Ø2DW	611	125	Ø1R
42	O	642	102	Ø4Y	5A4	114	EVIA	612	126	Ø1Y
	G	643	103	Ø4G	722	115	Ø2W	613	127	Ø1G
		741	104	Ø4DW	631	116	Ø3R	621	128	Ø2R
		5B4	105	EVIB	632	117	Ø3Y	622	129	Ø2Y
		742	106	Ø4W	633	118	Ø3G	623	130	Ø2G
81	R	681	107	Ø8R	761	119	Ø6DW	651	131	Ø5R
82	O	682	108	Ø8Y	5C4	120	EVIC	652	132	Ø5Y
	G	683	109	Ø8G	762	121	Ø6W	653	133	Ø5G
88	R	781	110	Ø8DW	671	122	Ø7R	661	134	Ø6R
89	G	782	112	Ø8W	672	123	Ø7Y	662	135	Ø6Y
					673	124	Ø7G	663	136	Ø6G

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

SEAL AND COIL ALL SPARE CONDUCTORS AND STORE NEATLY ON THE CABINET FLOOR.

AFTER FIELD WIRES ARE INSTALLED, INSTALL 2C(SH) JUMPER WIRES BETWEEN THE FOLLOWING INPUT TERMINAL PAIRS:

816	-B-	967
817	-W-	968
856	-B-	927
857	-W-	928
876	-B-	947
877	-W-	948
836	-B-	987
837	-W-	988

DELETE THIS SECTION IF THE 239 PROGRAM IS SPECIFIED

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May 09, 2023 12:33pm X:\lynwood\City of\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156_SG.dwg Layout Name: 196th-3

No.	Date	Revision	By	Appr.

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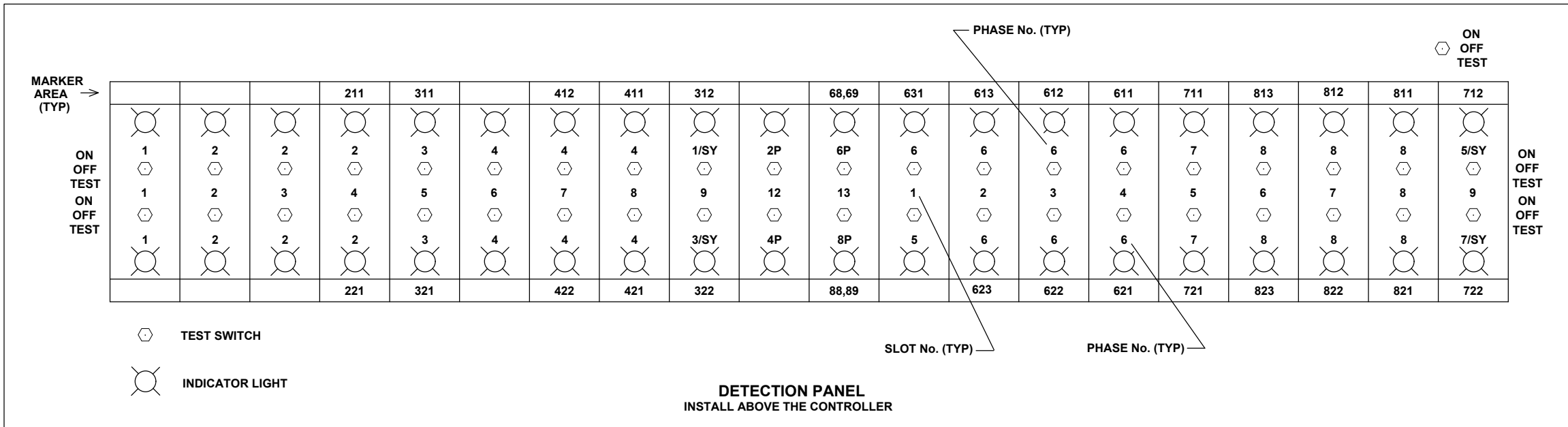
LYNNWOOD
WASHINGTON



Drawn By: S. DELAVARPOUR
Designed By: E. BORGES
Checked By: V. WEN
Approved By: V. WEN
Date: 5/2023
Project Number: 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
196TH ST SW & POPLAR WAY
WIRING TERMINATIONS

Drawing No. **SG9**
Sheet No. X of Total X



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
U				211	311		412	411	312					68,69	MARKER AREA
I															
L				221	321		422	421	322					88,89	MARKER AREA
U	631	613	612	611	711	813	812	811	712			EVA	EVB	RR1	
J															
L				623	622	621	721	823	822	821	722		EVC	EVD	RR2

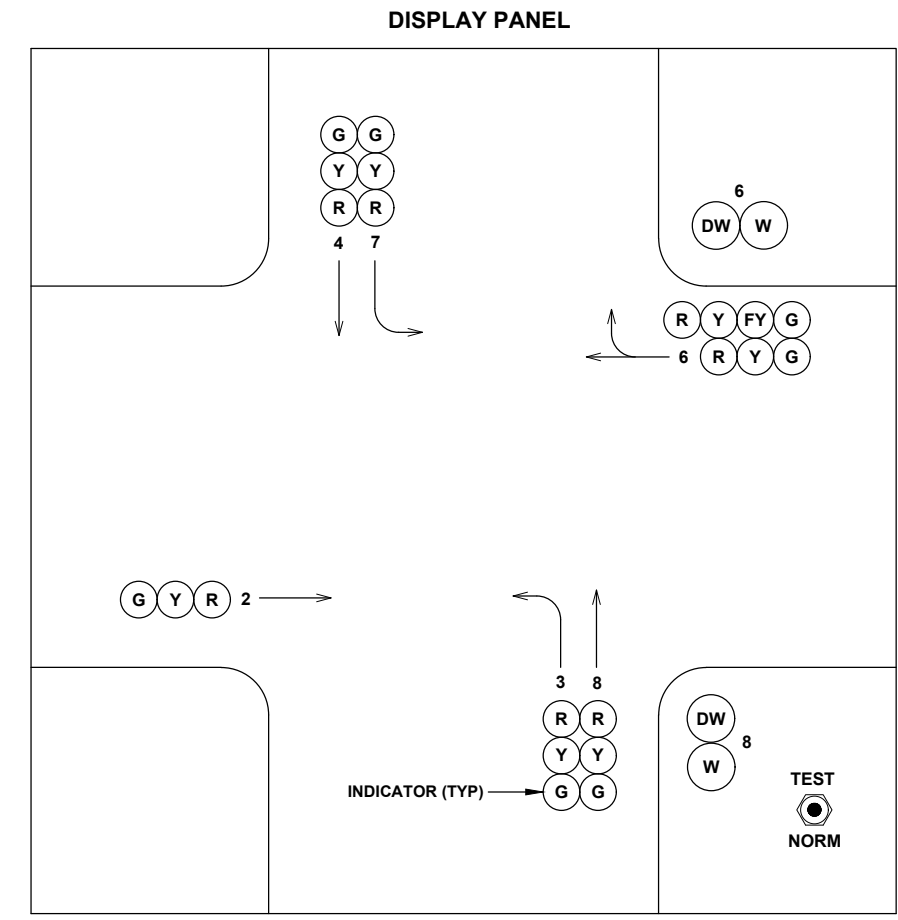
INPUT FILE MARKING DETAIL

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U	11E,C	12E,C	12E,C	12C	13E,C	14E,C	14E,C	14C	11E,C			12P	16P	FLH	
I				211	311		412	411	312				68,69		
L	222	222	222	222	222	222	222	222	222			242	242		
U	11E,C	12E,C	12E	12C	13E,C	14E,C	14E	14C	13E,C			14P	18P	ST	
J	631	613	612	611	711	813	812	811	712			EVA	EVB	RR1	
L	222	222	222	222	222	222	222	222	222			A	B		
												C	D		
	15E,C	16E,C	16E	16C	17E,C	18E,C	18E	18C	17E,C			EVC	EVD	RR2	

INPUT FILE LAYOUT - PROGRAM WAPITI W4IKS

* SEE SPECIAL PROVISIONS

MODULE
 XX-XX INPUT NO.
 XX-XX INPUT NO.
 XXX MODEL TYPE
 E = EXTENSION
 C = CALL



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May 09, 2023 12:33pm Sean Delavarpour X:\lynwood\City of\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156 SG.dwg Layout Name: 196th-4

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 425.252.7700 | 800.615.9900

LYNNWOOD
 WASHINGTON

MICHAEL RICHARD HENDRIX
 STATE OF WASHINGTON
 42986
 REGISTERED PROFESSIONAL ENGINEER

Drawn By S. DELAVARPOUR Date 5/2023
 Designed By E. BORGES 5/2023
 Checked By V. WEN 5/2023
 Approved By V. WEN 5/2023

SCALE
 Horiz NONE
 Vert NONE
 Project Number 20100156

CITY OF LYNNWOOD
 POPLAR WAY EXTENSION BRIDGE
 196TH ST SW & POPLAR WAY
INPUT FILE & DISPLAY PANEL

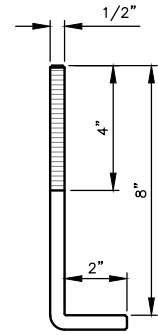
Drawing No. **SG10**
 Sheet No. X of Total X

CONSTRUCTION NOTES

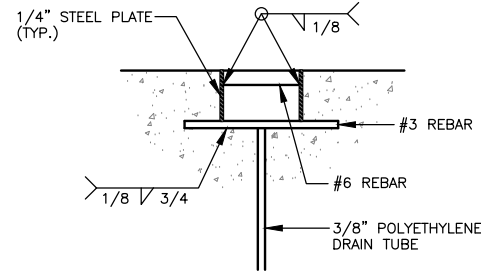
- 1 DRIVE GROUND RODS BEFORE PLACING CONCRETE. MOVE ROD(S) AND DRAIN TILE(S) WITH COVER(S) AS REQUIRED TO ACHIEVE FULL GROUND PENETRATION. MAINTAIN A 6" MINIMUM CLEARANCE BETWEEN GROUND RODS AND 6" FROM FOUNDATION EDGE AS DETAILED ON STD. PLAN J-9a "TYPICAL GROUNDING DETAILS".
- 2 ALL GRS CONDUITS PENETRATING ALL CABINETS, SHALL BE TERMINATED WITH GROUNDING END BUSHING AND BONDED TO THE CABINET GROUNDING BUS. ALL PVC CONDUIT PENETRATING CABINET SHALL BE TERMINATED BELL BUSHING.
- 3 INSTALL CONDUIT COUPLINGS ON ALL CONDUITS. PLACE COUPLINGS FLUSH WITH TOP OF CONCRETE FOUNDATION. IF PVC CONDUITS SPECIFIED THE 2" CONDUIT STUB AND END BELL BUSHING SHALL NOT BE GLUED TO COUPLING.
- 4 4" DIA. x 1/2" DEEP SUMP. SLOPE FOUNDATION WITHIN CABINET FOOTPRINT TOWARDS SUMP. 3/8" POLYETHYLENE OR COPPER DRAIN PIPE.
- 5 THE TYPE D SERVICE SHALL NOT BE INSTALLED ON 3" RAISED SECTION. ALL OTHER CABINETS SHALL BE INSTALLED ON 3" RAISED SECTION.

GENERAL NOTES

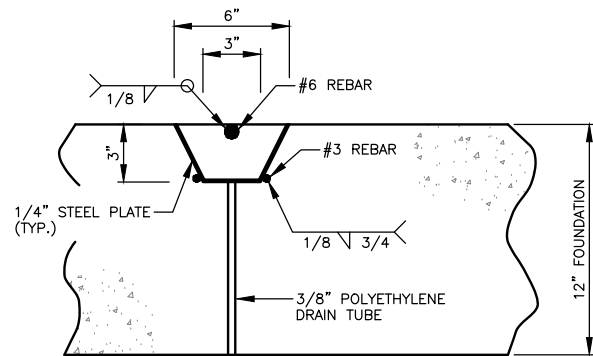
1. THE CABINETS SHOWN IN THESE DETAILS ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY WHICH CABINET TYPES ARE CALLED OUT FOR INSTALLATION IN THE PLANS AND SUBSTITUTE THOSE CABINETS IN PLACE OF THE CABINETS SHOWN IN THESE DETAILS. THE CONTRACTOR SHALL INSTALL EACH CABINET TYPE IN THE LOCATIONS SHOWN IN THESE DETAILS.
2. THE CONTRACTOR SHALL INSTALL THE CONDUITS IN THE LOCATIONS SHOWN IN THESE DETAILS.
3. THE GROUND RODS, DRAIN TILES, ASSOCIATED CONDUITS, AND #4 REBAR- 90 DEGREE WITH 30" LEGS ARE ONLY REQUIRED IN FOUNDATIONS THAT WILL HAVE EITHER A TRANSFORMER OR SERVICE CABINET INSTALLED ON IT. THE GROUND RODS, DRAIN TILES, ASSOCIATED CONDUITS, AND #4 REBAR- 90 DEGREE WITH 30" LEGS CAN BE OMITTED FROM ALL OTHER FOUNDATIONS.
4. THE CABINETS SHALL BE ATTACHED TO THE FOUNDATION WITH 4 EACH, "x8"x2"x4" HOT DIP GALVANIZED ANCHOR BOLTS, HOT DIP WASHERS AND HOT DIP NUTS. AS AN ALTERNATIVE, THE CABINETS SHALL BE ATTACHED TO THE FOUNDATION WITH STAINLESS STEEL EPOXY ANCHORS PER THE MANUFACTURER'S RECOMMENDATIONS. BOLTS SHALL EXTEND A MINIMUM OF 1-1/2" AND A MAXIMUM OF 2" ABOVE THE CONCRETE PAD.
5. ALL REINFORCING STEEL SHALL HAVE A MINIMUM OF 2" CLEAR COVER.
6. PLACE A BEAD OF SILICONE BETWEEN CABINETS AND THE FOUNDATION.
7. SEE STANDARD PLAN J-60.05-01 "TYPICAL GROUNDING DETAILS" FOR GROUNDING DETAILS. TWO GROUND RODS ARE REQUIRED FOR FOUNDATION WITH A SERVICE CABINET OR TRANSFORMER CABINET.
8. INSTALL CONDUITS AS INDICATED IN PLANS. CONDUIT SHALL EXTEND 2" ABOVE THE COUPLING.
9. CONCRETE SHALL BE CLASS 3000.
10. VERIFY DEAD FRONT LOCATION FROM MANUFACTURER PRIOR TO PLACING CONDUIT IN FOUNDATION.



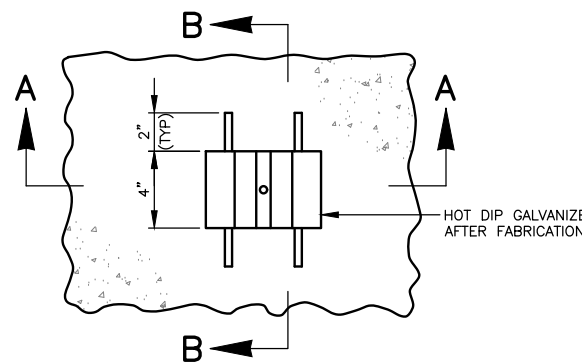
ANCHOR BOLT



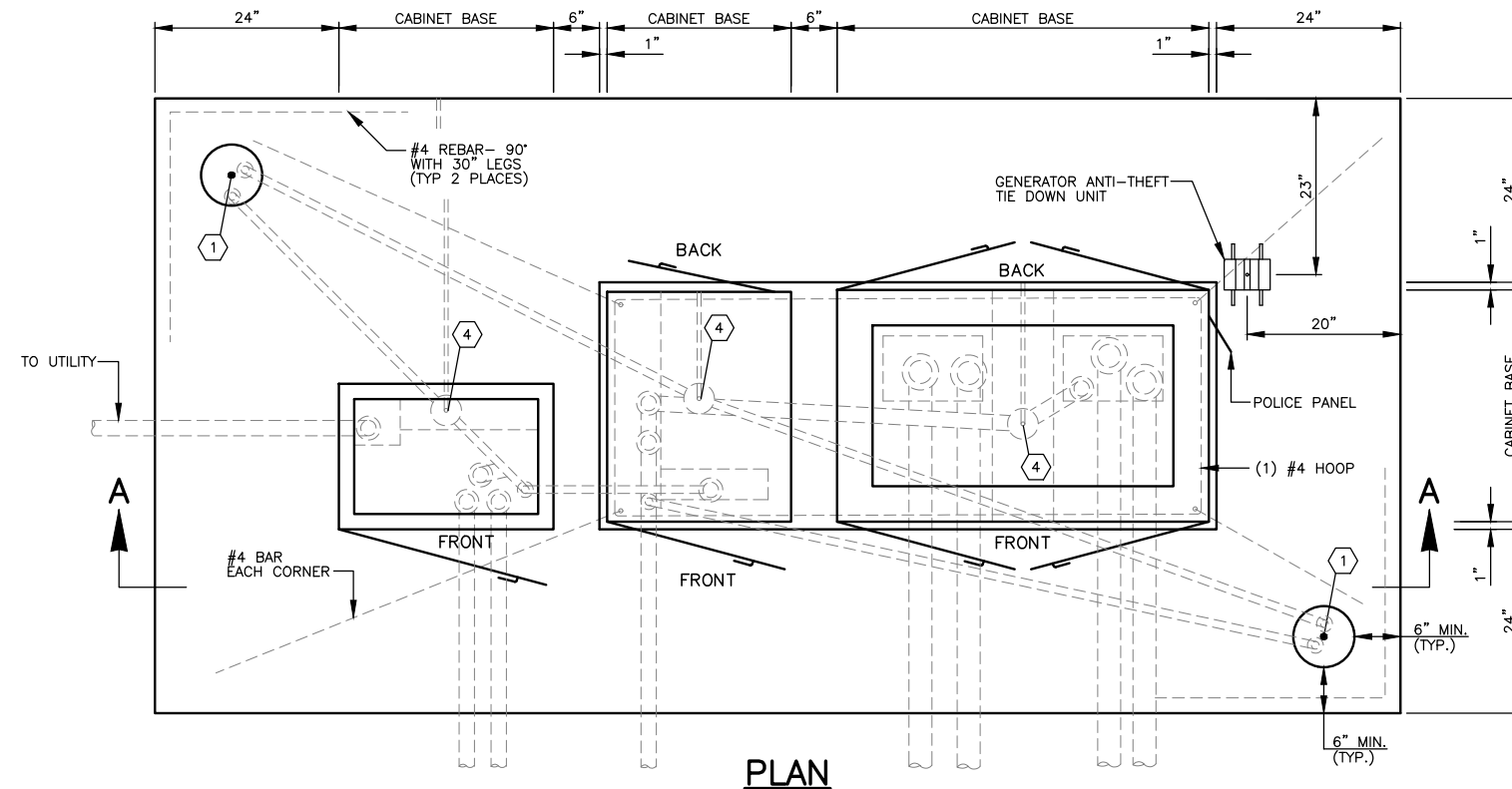
SECTION B-B



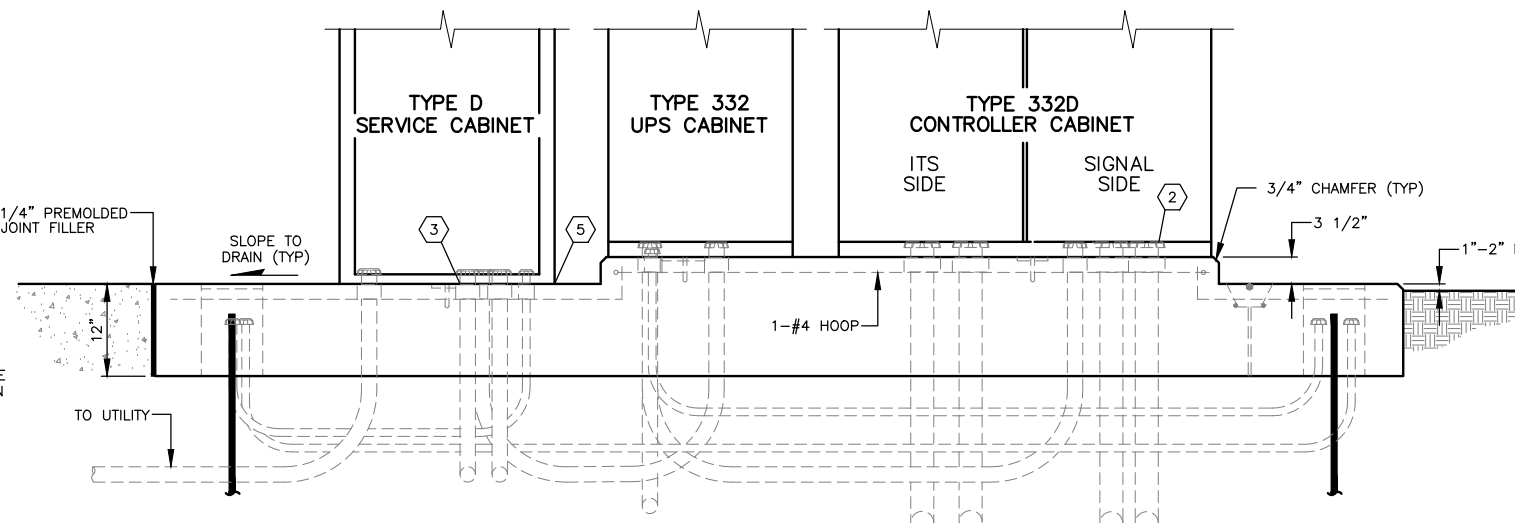
SECTION A-A



GENERATOR ANTI-THEFT TIE DOWN UNIT
FABRICATE IF NOT AVAILABLE COMMERCIALY

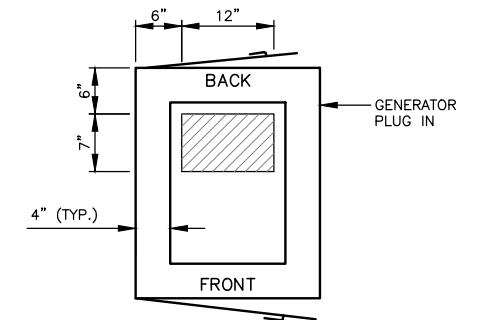


PLAN

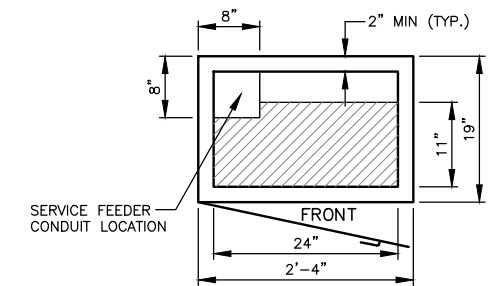


ELEVATION SECTION A-A

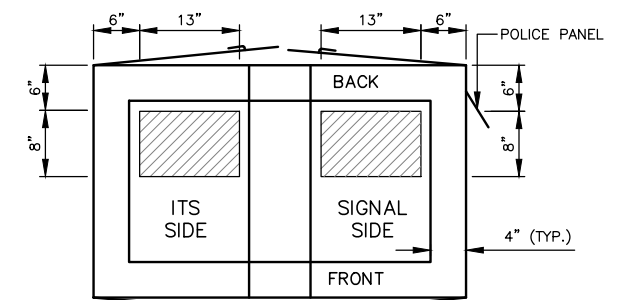
THREE CABINET FOUNDATION
(TYPE D SERVICE, TYPE 332 UPS CABINET & TYPE 332D CONTROLLER CABINET SHOWN)



TYPE 332 UPS CABINET



TYPE D SERVICE CABINET



TYPE 332D CONTROLLER CABINET

CABINET FOOTPRINT & CONDUIT PLACEMENT LOCATIONS

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May 09, 2023 12:33pm X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156 SG.dwg Layout Name: 196th-6

No.	Date	Revision	By	Appr.

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LYNNWOOD WASHINGTON

Drawn By S. DELAVARPOUR	Date 5/2023
Designed By E. BORGES	5/2023
Checked By V. WEN	5/2023
Approved By V. WEN	5/2023

SCALE	Horiz NONE
	Vert NONE
Project Number 20100156	

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
196TH ST SW & POPLAR WAY
SIGNAL POLE SCHEDULE

Drawing No. SG12
Sheet No. X
of Total X

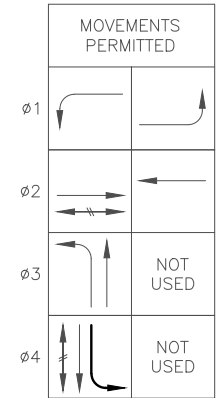
SIGNAL POLE NOTES:

- 1 CONSTRUCT FOUNDATION PER WSDOT STD. PLANS J-20.10-04. FURNISH AND INSTALL TYPE PPB SIGNAL POLE AND PEDESTRIAN PUSHBUTTON ASSEMBLY.
- 2 CONSTRUCT FOUNDATION PER WSDOT STD. PLANS J-20.10-04. FURNISH AND INSTALL TYPE PPB SIGNAL POLE AND PEDESTRIAN PUSHBUTTON ASSEMBLY.
- 3 CONSTRUCT FOUNDATION PER WSDOT STD. PLANS J-20.10-04. FURNISH AND INSTALL TYPE PPB SIGNAL POLE AND PEDESTRIAN PUSHBUTTON ASSEMBLY.

CONSTRUCTION NOTES:

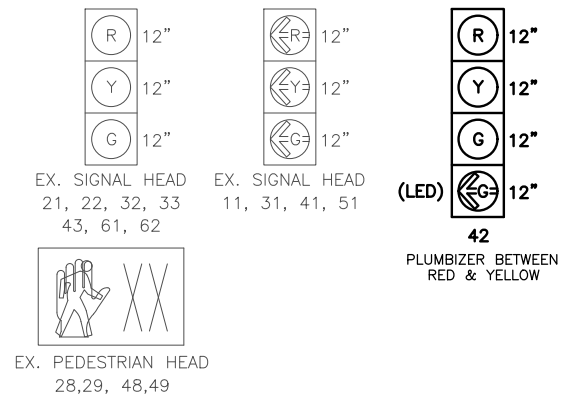
- 1 REMOVE AND SALVAGE EXISTING SIGNAL HEAD AND MOUNTING. INSTALL NEW SIGNAL HEAD PER DISPLAY SCHEDULE.
- 2 INSTALL TYPE 3 STOP LINE LOOPS, PER WSDOT STD. PLAN J-50.12-02.
- 3 INSTALL CONTROL UNIT IN EXISTING PEDESTRIAN SIGNAL HEAD. REMOVE EXISTING SPEAKER AND FILL HOLE(S) AS NECESSARY.
- 4 REMOVE EXISTING PEDESTRIAN PUSHBUTTON ASSEMBLY AND INSTALL APS PEDESTRIAN PUSHBUTTON ASSEMBLY PER THE PUSH BUTTON SCHEDULE. INSTALL PUSH BUTTON PARALLEL TO THE CROSSWALK. CONNECT PUSHBUTTON TO EXISTING 2C(S) CABLE. REPAIR POLE PER DETAIL DWG SG16.
- 5 EXTEND CONDUIT INTO EXISTING JUNCTION BOX.
- 6 SPLICE LOOP DETECTORS TO EXISTING DETECTION LEAD-IN CABLES IN EXISTING JUNCTION BOX, PER WSDOT STD. PLAN J-50.15-01.
- 7 REMOVE EXISTING PUSHBUTTON ASSEMBLY. REMOVE CONDUCTORS BACK TO CONTROLLER CABINET. REPAIR POLE PER DETAIL DWG SG16.

PHASING SEQUENCE DIAGRAM



PHASE 03 AND 04 ARE EXCLUSIVE PHASES

SIGNAL DISPLAYS

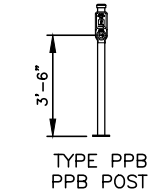


DISPLAY NOTES

1. ALL VEHICLE SIGNAL HEADS SHALL HAVE 12" L.E.D. LENSES. THE HOUSING SHELL BE PAINTED DARK GREEN. ALUMINUM TUNNEL VISORS SHALL BE PAINTED FLAT BLACK IN COLOR INSIDE AND SHALL BE DARK GREEN ON THE OUTSIDE. BACK PLATES SHALL BE POLYCARBONATE.
2. ALL VEHICLE HEADS SHALL HAVE ALUMINUM BACKPLATES. ALL BACKPLATES SHALL BE INSTALLED WITH A 3" WIDE STRIP OF YELLOW REFLECTIVE TAPE AROUND THE PERIMETER OF EACH BACKPLATE PER SPECIFICATIONS. ALL BACKPLATES SHALL BE BLACK AND LOUVERED.

SIGNAL STANDARD DETAIL CHART

STD. NO.	FIELD LOCATION			TYPE
	STATION	OFFSET (FT)	P.O.A.	
1	101+98.7	52.4 RT		PPB
2	101+88.3	36.7 RT		PPB
3	102+96.7	54.2 RT		PPB

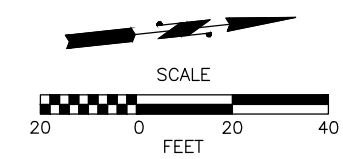


TYPE PPB PPB POST

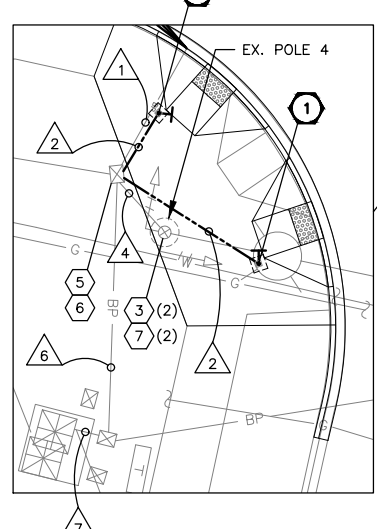
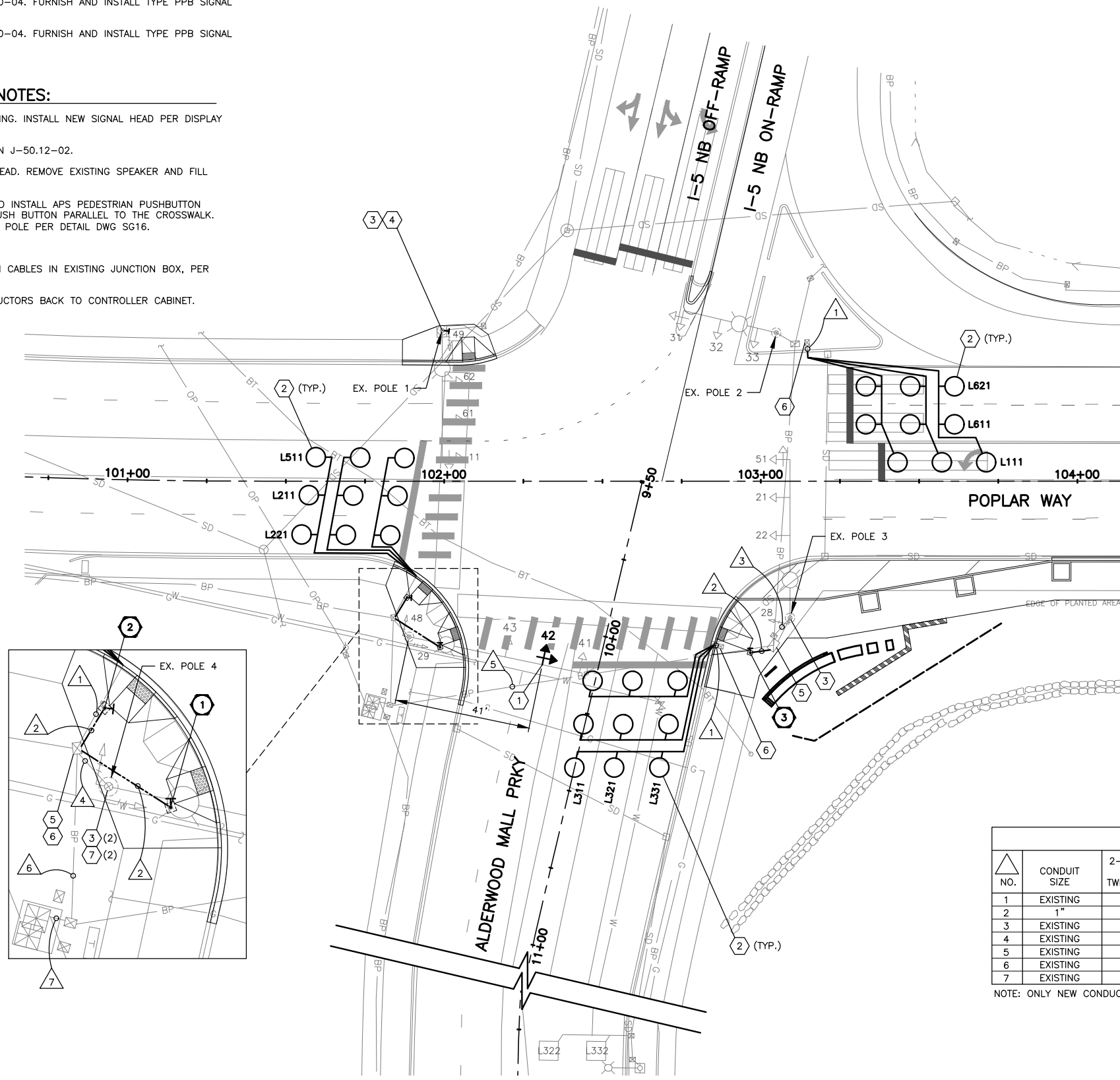
WIRING SCHEDULE

NO.	CONDUIT SIZE	2-#14 TWISTED	PED DETECT 2C(S)	PED DETECT 4C(S)	VEH DETECT 2C(S)	E. V. DETECT 3C(S)	SIGNAL 5C	SIGNAL 7C	POWER ILLUM/SIGNAL	BARE GROUND #8	NOTES
1	EXISTING	9									EXISTING LOOP STUB
2	1"		1	1						1	
3	EXISTING			1							
4	EXISTING			2							
5	EXISTING		1								
6	EXISTING		2								
7	EXISTING		3								

NOTE: ONLY NEW CONDUCTORS ARE SHOWN. REMOVE EXISTING CONDUCTORS NOT IN USE.



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No.	Date	Revision	By	Appr.

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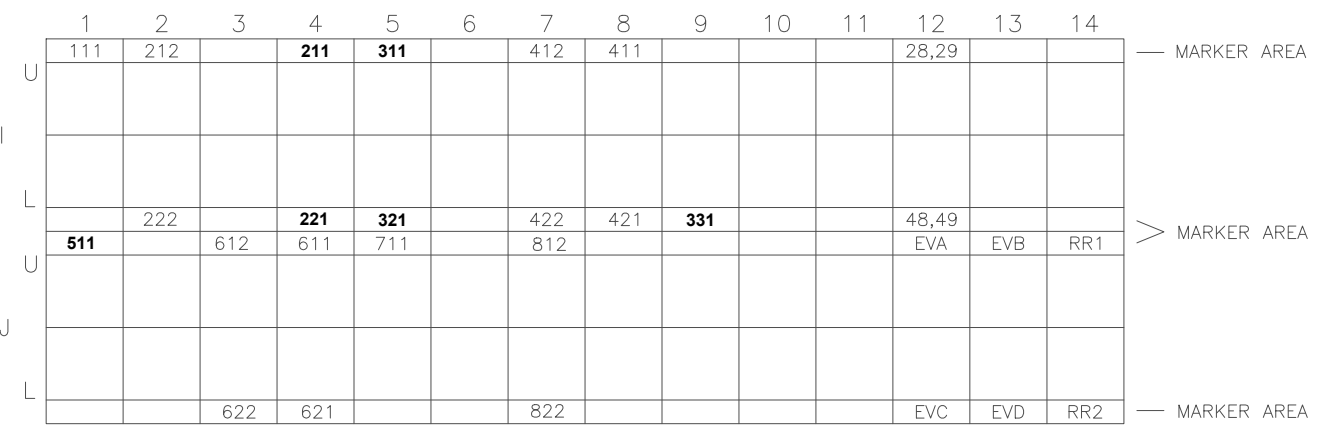
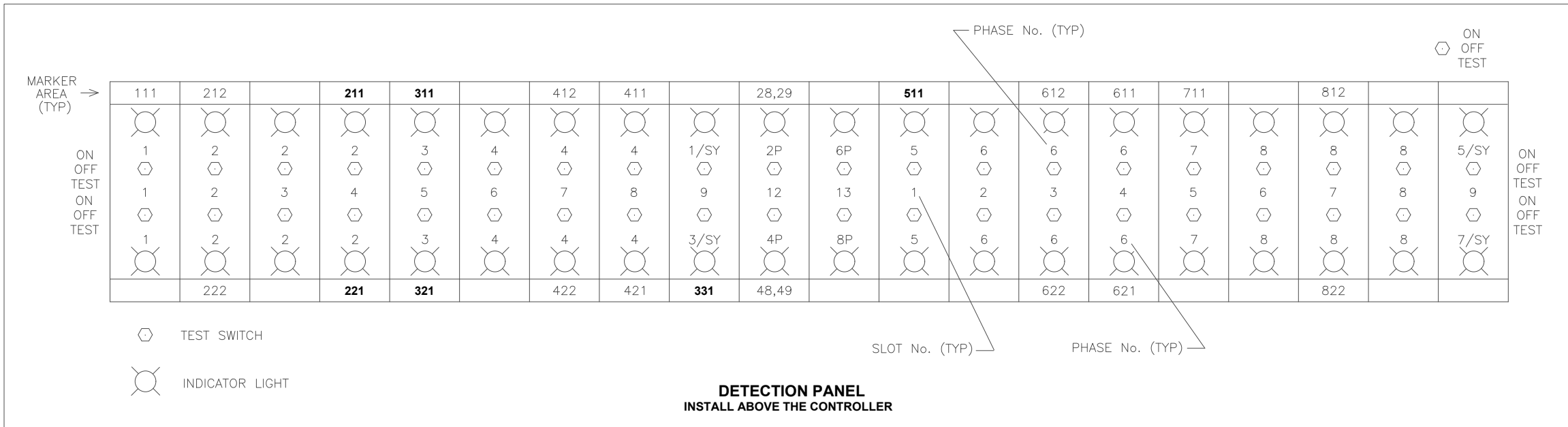
LYNNWOOD WASHINGTON



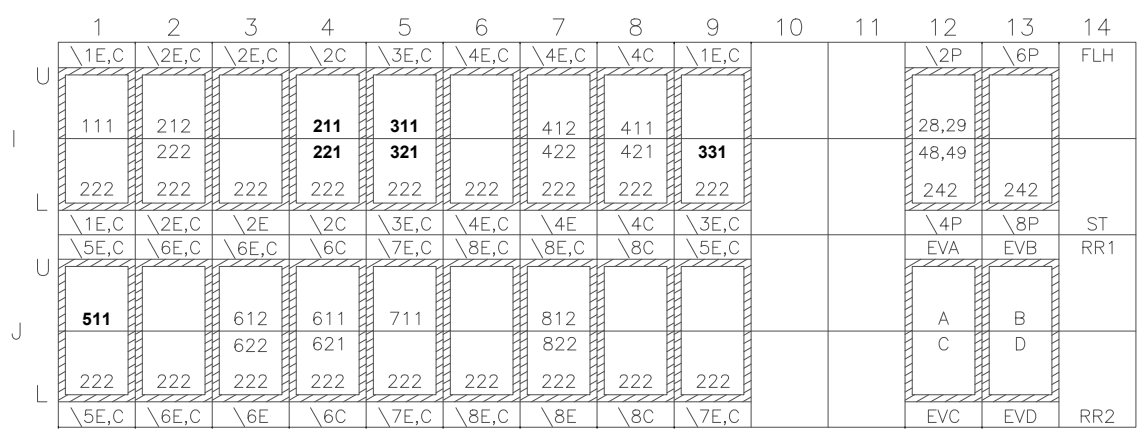
Drawn By S. DELAVARPOUR	Date 5/2023
Designed By E. BORGES	5/2023
Checked By V. WEN	5/2023
Approved By V. WEN	5/2023

CITY OF LYNNWOOD
**POPLAR WAY EXTENSION BRIDGE
POPLAR WAY & ALDERWOOD MALL PRKY
SIGNAL PLAN**

Drawing No. **SG13**
Sheet No. X of Total X

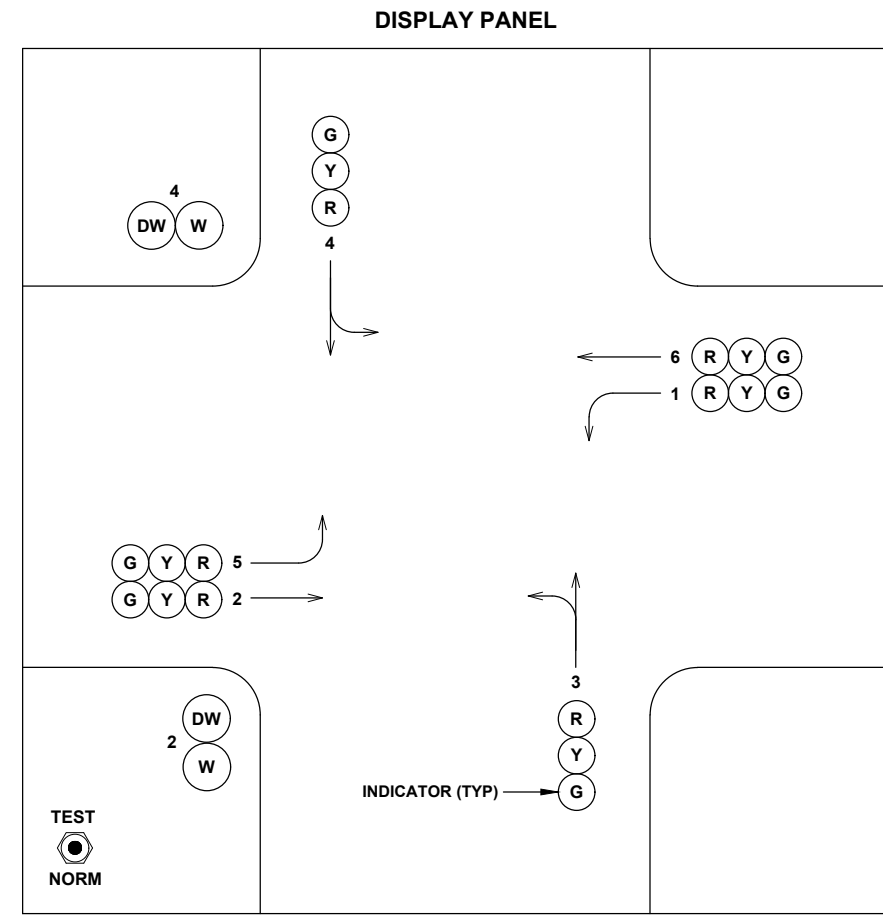


INPUT FILE MARKING DETAIL



INPUT FILE LAYOUT

[Hatched Box] MODULE
 XX-XX INPUT NO.
 XX-XX INPUT NO.
 XXX MODEL TYPE
 E = EXTENSION
 C = CALL



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May 09, 2023 12:33pm sean.delavarpour X:\lynwood_city_of\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156 SG.dwg Layout Name: SG15

No.	Date	Revision	By	Appr.

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LYNNWOOD
 WASHINGTON



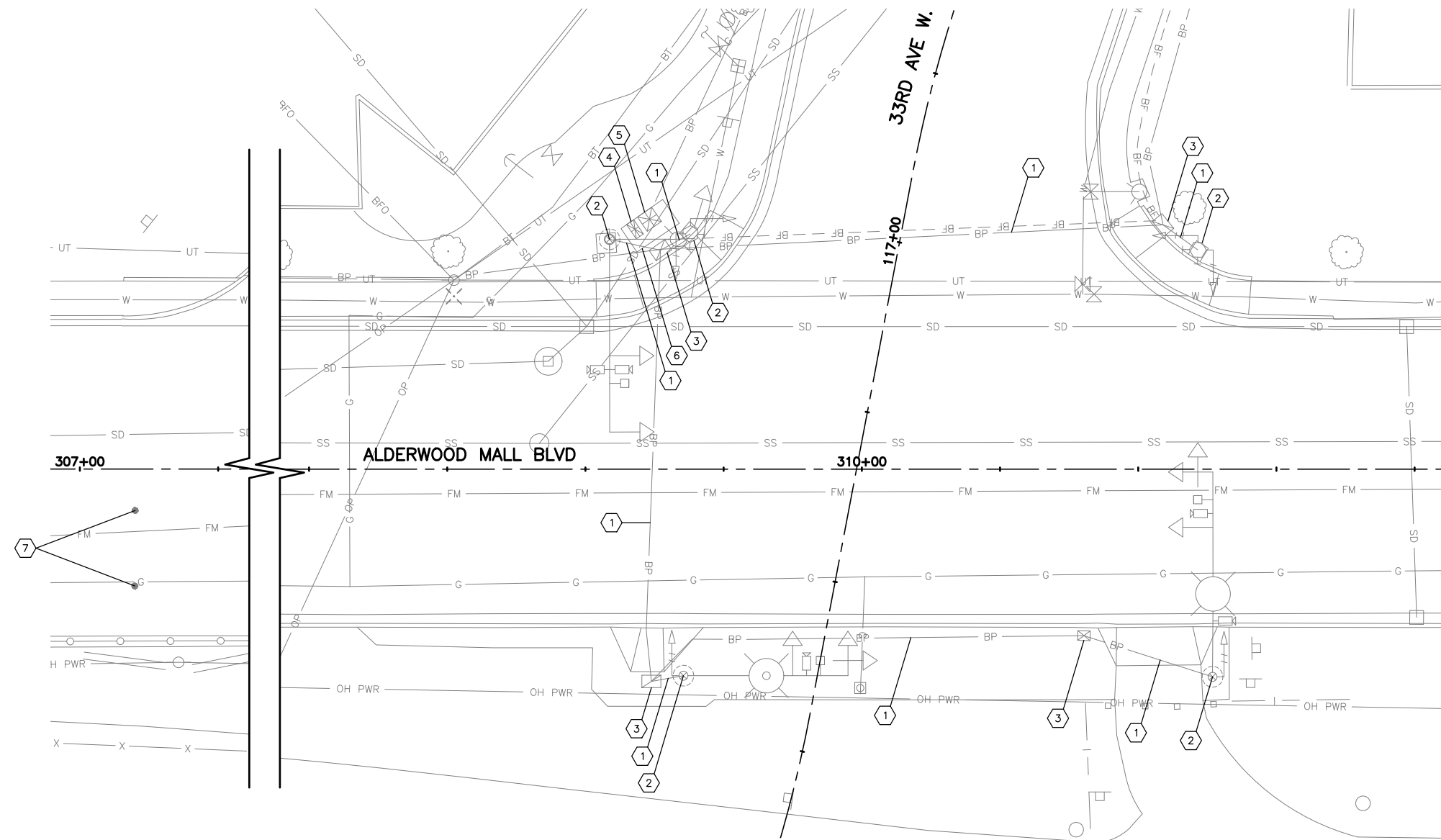
Drawn By S. DELAVARPOUR Designed By E. BORGES Checked By V. WEN Approved By V. WEN	Date 5/2023 5/2023 5/2023 5/2023	SCALE Horiz NONE Vert NONE Project Number 20100156
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CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
POPLAR WAY & ALDERWOOD MALL PRKY
INPUT FILE & DISPLAY PANEL

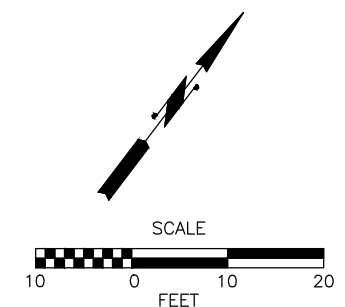
Drawing No.	SG15
Sheet No.	X of Total

CONSTRUCTION NOTES:

- 1 REMOVE EXISTING CONDUCTORS BACK TO CONTROLLER. REMOVE OR ABANDON EXISTING CONDUIT.
- 2 REMOVE AND SALVAGE EXISTING SIGNAL STANDARD AND ALL ASSOCIATED EQUIPMENT. REMOVE FOUNDATION AND BACKFILL. RETURN EQUIPMENT TO CITY OF LYNNWOOD SIGNAL SHOP.
- 3 REMOVE EXISTING JUNCTION BOX AND BACKFILL.
- 4 REMOVE EXISTING SERVICE CABINET AND RETURN TO 3410 195TH PL SW LYNNWOOD. COORDINATE WITH MIKE THOMAS, 425-670-5236.
- 5 REMOVE EXISTING SIGNAL CONTROLLER CABINET AND ALL ASSOCIATED EQUIPMENT AND RETURN TO 3410 195TH PL SW LYNNWOOD. COORDINATE WITH MIKE THOMAS, 425-670-5236.
- 6 REMOVE EXISTING PAD FOUNDATION AND BACKFILL.
- 7 REMOVE EXISTING WIRELESS VEHICLE DETECTION SENSORS.



CALL 2 BUSINESS DAYS BEFORE YOU DIG
 1 800 424-5555
 UTILITIES UNDERGROUND LOCATION CENTER



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No.	Date	Revision	By	Appr.

PERTEET
 2707 COLBY AVENUE, SUITE 900
 EVERETT, WA 98201
 425.252.7700 | 800.615.9900

LYNNWOOD
 WASHINGTON



Drawn By S. DELAVARPOUR Date 5/2023
 Designed By E. BORGES Date 5/2023
 Checked By V. WEN Date 5/2023
 Approved By V. WEN Date 5/2023

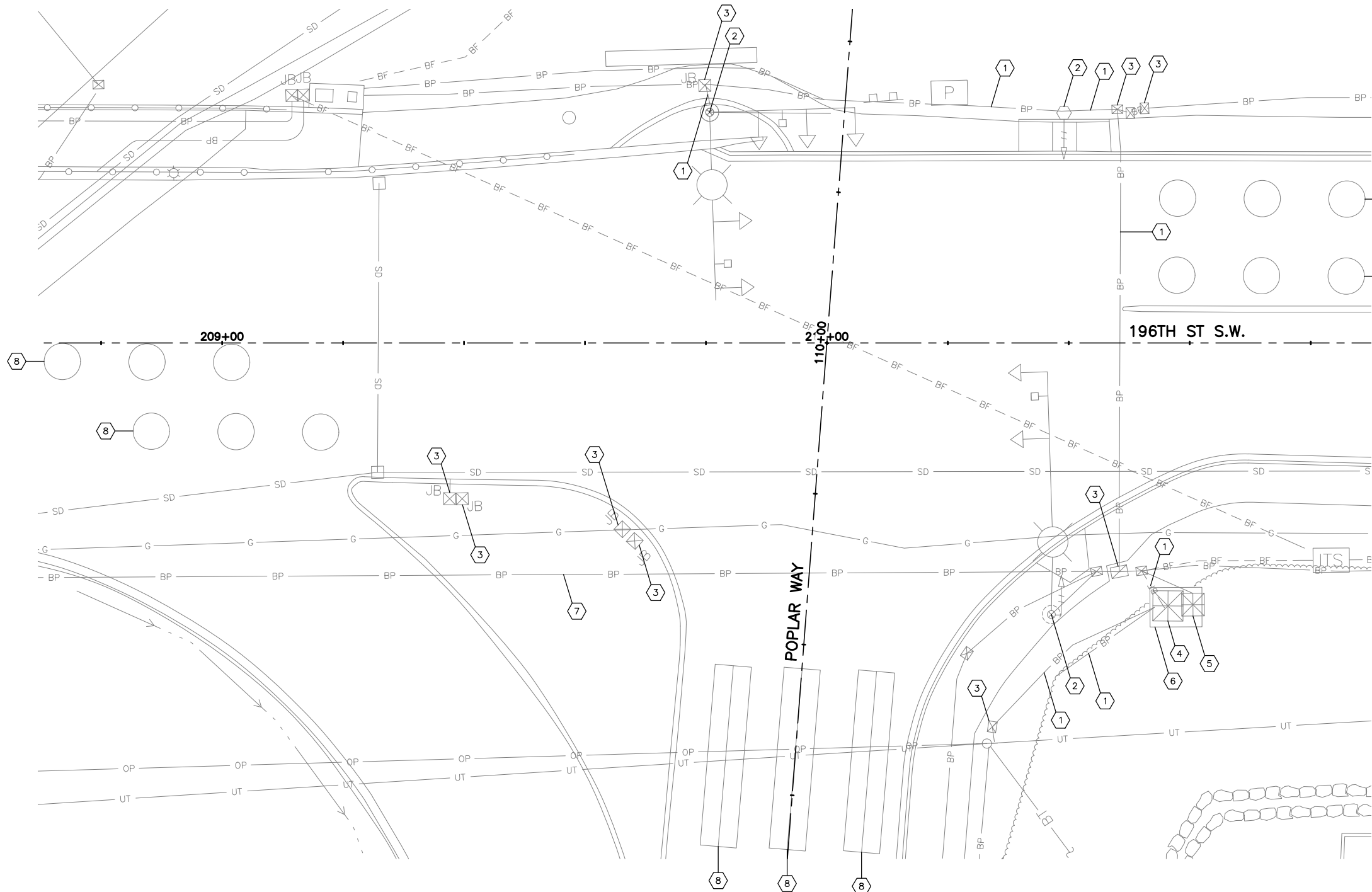
SCALE
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 Vert NONE
 Project Number 20100156

CITY OF LYNNWOOD
 POPLAR WAY EXTENSION BRIDGE
 ALDERWOOD MALL BLVD. & 33RD AVE W.
 SIGNAL REMOVAL PLAN

Drawing No. SR1
 Sheet No. X
 of Total X

CONSTRUCTION NOTES:

- 1 REMOVE EXISTING CONDUCTORS BACK TO CONTROLLER. REMOVE OR ABANDON EXISTING CONDUIT.
- 2 REMOVE AND SALVAGE EXISTING SIGNAL STANDARD AND ALL ASSOCIATED EQUIPMENT. REMOVE FOUNDATION AND BACKFILL. RETURN EQUIPMENT TO WSDOT SIGNAL SHOP.
- 3 REMOVE EXISTING JUNCTION BOX AND BACKFILL.
- 4 REMOVE EXISTING SERVICE CABINET AND RETURN TO WSDOT SIGNAL SHOP.
- 5 REMOVE EXISTING SIGNAL CONTROLLER CABINET AND ALL ASSOCIATED EQUIPMENT AND RETURN TO WSDOT SIGNAL SHOP.
- 6 REMOVE EXISTING PAD FOUNDATION AND BACKFILL.
- 7 SEE SIGNAL PLANS FOR INTERCEPT OF EXISTING CONDUIT. REMOVE OR ABANDON EXISTING CONDUIT NOT DESIGNATED FOR REUSE.
- 8 REMOVE OR ABANDON EXISTING STOP BAR LOOPS.



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1 800 424-5555
UTILITIES UNDERGROUND LOCATION CENTER

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Drawn By: S. DELAVARPOUR Date: 5/2023
Designed By: E. BORGES Date: 5/2023
Checked By: V. WEN Date: 5/2023
Approved By: V. WEN Date: 5/2023

SCALE
Horiz 1"=10'
Vert NONE
Project Number 20100156

CITY OF LYNNWOOD
**POPLAR WAY EXTENSION BRIDGE
196TH ST SW & POPLAR WAY
SIGNAL REMOVAL PLAN**

Drawing No. **SR2**
Sheet No. X
of Total X

CONSTRUCTION NOTES:

- 1 EXTEND CONDUIT INTO EXISTING JUNCTION BOX.
- 2 ROUTE SIGNAL INTERCONNECT FIBER CABLE INTO EXISTING SIGNAL CONTROLLER USING EXISTING CONDUIT AND TERMINATE INTO EXISTING FIBER PATCH PANEL.
- 3 INSTALL FIBER SPLICE VAULT PER COL DWG. NO. STD8-30.
- 4 FURNISH AND INSTALL NEW PAD MOUNTED CCTV CABINET AND OTHER ASSOCIATED EQUIPMENT TO PROVIDE FOR A COMPLETE CCTV SYSTEM, IN ACCORDANCE WITH ITS DETAIL ITD2 AND CCTV SYSTEM SPECIAL PROVISIONS. MAKE FIBER CONNECTION TO ETHERNET SWITCH(ES) USING SINGLE MODE PATCH CORDS.
- 5 INTERCEPT EXISTING CONDUIT LOCATED ON THE OUTSIDE OF THE BRIDGE STRUCTURE AND INSTALL 16"x14"x6" SURFACE MOUNT NEMA 4X JUNCTION BOX.
- 6 INSTALL CONDUIT UNDER RETAINING WALL AND UP THROUGH WALL BACKFILL.
- 7 SIGNAL CONTROLLER CABINET PER SIGNAL DRAWINGS.
- 8 INSTALL POLE TOP MOUNTED COLOR CAMERA SYSTEM AND 50' CAMERA POLE ON BRIDGE RAIL PER WSDOT STD. PLAN J-29.15-01. SEE BRIDGE DWG. NO. BR49 FOR FOUNDATION DETAILS.
- 9 ABANDON EXISTING LOOP.
- 10 CONSTRUCT FOUNDATION AND INSTALL SINGLE FLASHING BEACON TYPE 1 SIGNAL STANDARD PER WSDOT STD. PLAN J-21.16-01 AND DETAIL ON DWG. NO. ITD1. INSTALL SIGN PER SIGNING SCHEDULE.
- 11 INSTALL TYPE 3 ADVANCE LOOP PER WSDOT STD. PLAN J-50.12-02.
- 12 REMOVE EXISTING FLASHING BEACON, POLE, AND SIGN. REMOVE CONDUCTORS BACK TO JUNCTION BOX AT STA 602+70. ABANDON EXISTING CONDUIT.
- 13 ROUTE LOOP LEAD-IN INTO EXISTING JUNCTION BOX. SPLICE NEW LOOP WIRES WITH EXISTING LOOP CONDUCTORS.
- 14 INSTALL CONDUIT INTO EXISTING VAULT. SPLICE NEW 48 STRAND SMFO TO EXISTING 2-48 STRAND SMFO.
- 15 INSTALL CONDUIT RISER AND WEATHER HEAD ON EXISTING WOOD UTILITY POLE PER WSDOT STD PLAN J-15.10-01. ROUTE EXISTING AERIAL FIBER DOWN TO NEW SPLICE VAULT. SPLICE NEW FIBER TO EXISTING FIBER AND MATCH EXISTING SPLICE CONFIGURATION.
- 16 ROUTE CONDUIT INTO JUNCTION BOX INSTALLED PER SIGNAL PLANS. RUN CAMERA CABLE BACK TO SIGNAL CONTROLLER USING SIGNAL CONDUITS. SEE SIGNAL PLANS.
- 17 INSTALL FIBER SPLICE VAULT PER COL DWG. NO. STD8-30 AND COIL 100 FEET OF FIBER.
- 18 PROTECT AND MAINTAIN EXISTING LOOPS DURING CONSTRUCTION.
- 19 DISCONNECT LOOP CABLES AND PULL BACK CONDUCTORS TO NEXT JUNCTION BOX EAST OF ON-RAMP.
- 20 DISCONNECT AND REMOVE CONDUCTORS FOR EXISTING LOOP AND RAMP METER FLASHER AT STA 214+75. CONNECT NEW CONDUCTORS PER WIRE SCHEDULE.
- 21 REMOVE EXISTING FIBER VAULT.
- 22 REMOVE EXISTING FIBER BACK TO PATCH CABINET LOCATED AT THE SE CORNER OF 195TH ST SW AND 36TH AVE W. ROUTE NEW FIBER USING EXISTING AND NEW CONDUIT PER WIRE SCHEDULE. TERMINATE ALL STRANDS OF FIBER IN EXISTING PATCH PANEL.
- 23 REMOVE EXISTING FIBER BACK TO PATCH CABINET LOCATED AT THE NE CORNER OF SR524 (196TH ST SW) AND ALDERWOOD MALL PKWY. ROUTE NEW FIBER USING EXISTING AND NEW CONDUIT PER WIRE SCHEDULE. TERMINATE ALL STRANDS OF FIBER IN EXISTING PATCH PANEL.
- 24 INSTALL SECURITY CAMERA AND TYPE 1 SIGNAL STANDARD PER WSDOT STD. PLAN J-21.15-01 AND DETAILS ON DWG. NO. ITD1.
- 25 REMOVE EXISTING FIBER FROM EXISTING SIGNAL CONTROLLER AT NW CORNER OF ALDERWOOD MALL BLVD AND 33RD AVE W TO UTILITY POLE AT STA 121+10 RT (APPROX.). REMOVE OR ABANDON EXISTING CONDUIT.
- 26 REMOVE EXISTING JUNCTION BOX AND CONDUCTORS BACK TO JUNCTION BOX AT STA 602+70. ABANDON EXISTING CONDUIT.
- 27 INTERCEPT EXISTING CONDUIT AND EXTEND INTO NEW JUNCTION BOX. RE-SPLICE LOOP CABLES AFTER RE-PULLING.
- 28 INSTALL SMALL CABLE VAULT PER WSDOT STD. PLAN J-90.21-02.
- 29 INSTALL PULL BOX PER WSDOT STD. PLAN J-90.10-03.
- 30 SPLICE NEW LOOP WIRES TO EXISTING LOOP CABLES IN EXISTING JUNCTION BOX.
- 31 INSTALL 36-PORT FIBER OPTIC PATCH PANEL IN TRAFFIC SIGNAL CABINET.
- 32 INTERCEPT EXISTING CONDUIT AND EXTEND INTO PROPOSED PULL VAULT.
- 33 INSTALL FIBER OPTIC SPLICE CASE.
- 34 FURNISH AND INSTALL SPLICE CLOSURE AND SPLICE 24 PRETERMINATED PATCH CABLE TO 48 SMFO DISTRIBUTION CABLE IN ACCORDANCE WITH ITS SPECIAL PROVISION COMMUNICATION CABLES AND INTERFACES AND ITS DETAIL ITD7.
- 35 TERMINATE ALL FIBERS OF 3-12 SMFO CABLE IN NEW FIBER OPTIC PATCH PANEL IN TRAFFIC SIGNAL CABINET.
- 36 REMOVE OR ABANDON EXISTING CONDUIT.
- 37 REMOVE EXISTING 48-SMFO FROM CONTROLLER CABINET AND PULL BACK TO CABLE VAULT.
- 38 REMOVE EXISTING JUNCTION BOX.
- 39 SEE BRIDGE DRAWINGS FOR JUNCTION BOX LOCATIONS ON BRIDGE.
- 40 INTERCEPT EXISTING 2-2" CONDUITS AND EXTEND TO PROPOSED VAULT.

- 41 DISCONNECT AND REMOVE CAMERA CABLE. ROUTE NEW CAMERA CABLE PER WIRING SCHEDULE.
- 42 INTERCEPT EXISTING CONDUIT AND ROUTE TO PROPOSED JUNCTION BOX.
- 43 EXISTING CONDUIT INSTALLED ON EXISTING BRIDGE PIER.
- 44 INSTALL TEMPORARY CLASS 2 TIMBER POLE AFTER TEMPORARY BARRIER IS INSTALLED DURING CONSTRUCTION PHASE 3. INSTALL TEMPORARY NON-INTRUSIVE VEHICLE DETECTOR (WAVETRONIX) AND ASSOCIATED EQUIPMENT IN ACCORDANCE WITH THE NON-INTRUSIVE VEHICLE DETECTOR SPECIAL PROVISION AND ITS DETAIL DWG. NO. ITD1. INSTALL NECESSARY "CLICK" COMPONENTS TO PROVIDE LOOP EMULATION CONTACT CLOSURE. CONNECT OUTPUT FROM "CLICK" TO INPUT FILE IN DATA STATION CABINET. REMOVE TIMBER POLE, DETECTOR AND ASSOCIATED CABLE PRIOR TO REMOVAL OF TEMPORARY BARRIER.
- 45 SPLICE TEMPORARY 48 STRAND SMFO TO EXISTING 48 STRAND SMFO IN EXISTING FIBER VAULT.
- 46 INSTALL NEW RUGGEDCOM RS900G ETHERNET SWITCH AND BRACKET IN CABINET IN ACCORDANCE WITH ITS SPECIAL PROVISIONS VIDEO, VOICE AND DATA DISTRIBUTION AND TRANSMISSION SYSTEMS. INSTALL NEW ETHERNET SWITCH AND BRACKET IN ACCORDANCE WITH ITS DETAILS ITD4.
- 47 INSTALL NEW 24 PORT PRETERMINATED PATCH PANEL IN CABINET IN ACCORDANCE WITH ITS SPECIAL PROVISION COMMUNICATION CABLES AND INTERFACES.
- 48 FURNISH AND INSTALL NEW 5KVA TRANSFORMER AND CABINET IN ACCORDANCE WITH STANDARD PLAN J-10.25-00 AND SPECIAL PROVISIONS SECTION AMPLIFIER, TRANSFORMER AND TERMINAL CABINETS. SEE ITS DETAILS ITD6 FOR TRANSFORMER BREAKER SCHEDULE.
- 49 INSTALL NEW CABINET FOUNDATION FOR ONE CABINET PLUS TRANSFORMER IN ACCORDANCE WITH ITS DETAIL ITD5.
- 50 COIL 50 FEET OF EACH FIBER OPTIC CABLE IN THE CABLE VAULT OR PULLBOX.
- 51 RE-PULL EXISTING FIBER CABLE TO NEW CABLE VAULT.

WIRE SCHEDULE

RUN #	CONDUIT SIZE	CONDUCTORS	2" - 3 CELL FABRIC INNERDUCT	ITS SYSTEM	NOTES
1	2"	1-12 SMFO	1	WSDOT	INSTALL TRACE WIRE
	2"	SPARE			
2	2"	1-12 SMFO	1	CITY	CONDUIT IN STRUCTURE
3	2"	1-12 SMFO	1	CITY	
4	3"	1-96 SMFO	1	CITY	
	2"	1-12 SMFO	1	CITY	
	2"	SPARE		WSDOT	INSTALL TRACE WIRE
5	2"	1-CCC		WSDOT	CONDUIT IN STRUCTURE
6	2"	1-CCC		WSDOT	
7	EX. 2"	1-CCC		WSDOT	
8	3"	1-96 SMFO	1	CITY	
9	2"	1-CCC		CITY	
10	2"	1-12 SMFO	1	WSDOT	
	2"	2-12 SMFO	1	CITY	
11	2"	2-12 SMFO	1	CITY	
12	2"	3-12 SMFO	1	CITY	
13	2"	1-48 SMFO TEMP.		WSDOT	TEMP. VIDEO/DATA DISTRIBUTION
	2"	1-48 SMFO	1	WSDOT	VIDEO/DATA DISTRIBUTION
14	2"	SPARE		WSDOT	INSTALL TRACE WIRE
15	EX. 2"	1-96 SMFO		CITY	
16	2"	1-2CSh		WSDOT	
17	2"	2-#8		WSDOT	
18	2"	1-2CSh, 1-3C		WSDOT	
19	EX. 2"	3-2CSh, 1-3C		WSDOT	
20	EX. 2"	1-12 SMFO		WSDOT	
21	2"	2-CCC		CITY	
22	2-2"	SPARE		CITY	INSTALL TRACE WIRE
23	EX. 2"	1-12 SMFO		CITY	
24	EX. 4"	1-48 SMFO TEMP.		WSDOT	TEMP. VIDEO/DATA DISTRIBUTION--INSTALL IN EMPTY INNERDUCT
25	EX. 2"	1-48 SMFO TEMP.		WSDOT	TEMP. VIDEO/DATA DISTRIBUTION
26	EX. 3"	1-3TWP TEMP.		WSDOT	TEMP. WAVETRONIX
27	2"	1-3TWP TEMP.		WSDOT	TEMP. WAVETRONIX
28	2"	1-48 SMFO TEMP.		WSDOT	TEMP. VIDEO/DATA DISTRIBUTION/
29	2"	1-48 SMFO	1	WSDOT	VIDEO/DATA DISTRIBUTION

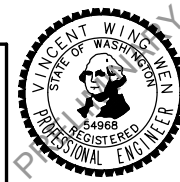
- NOTE:
 1. SEE BRIDGE PLANS FOR CONDUIT AND JUNCTION BOX INSTALLATION IN BRIDGE BARRIER.
 2. CCC= CAMERA CONTROL CABLE

NOTE TO REVIEWER:
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No.	Date	Revision	By	Appr.

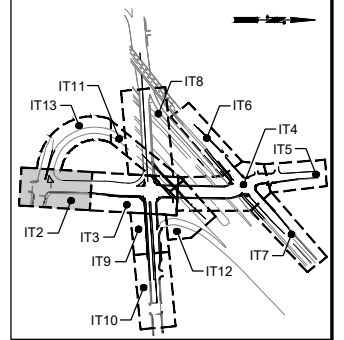


Drawn By S. DELAVARPOUR Date 5/2023
 Designed By E. BORGES Date 5/2023
 Checked By V. WEN Date 5/2023
 Approved By V. WEN Date 5/2023

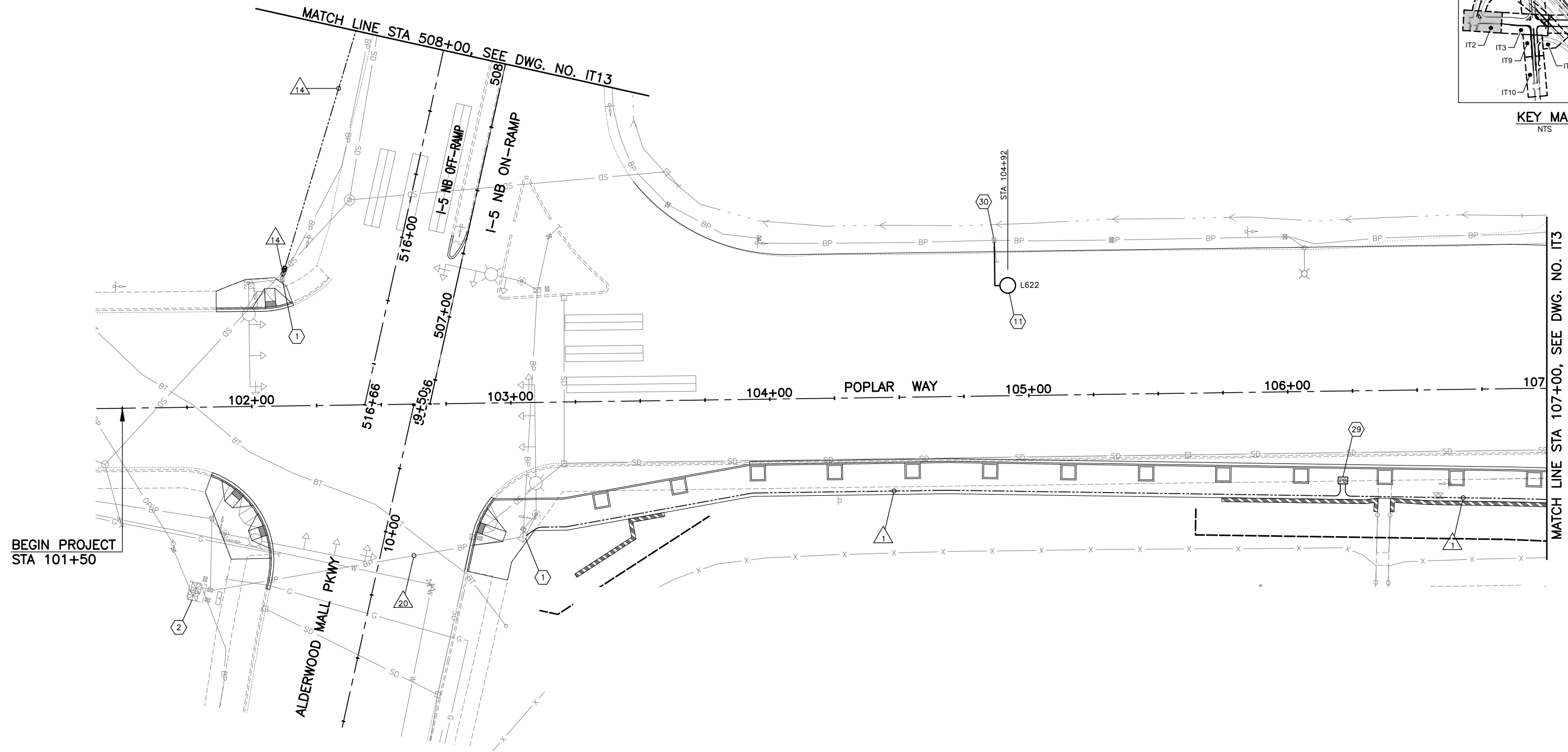
SCALE
 Horiz
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 Project Number 20100156

CITY OF LYNNWOOD
 POPLAR WAY EXTENSION BRIDGE
ITS NOTES & WIRING SCHEDULE

Drawing No. IT1
 Sheet No. X of Total



KEY MAP
NTS



BEGIN PROJECT
STA 101+50

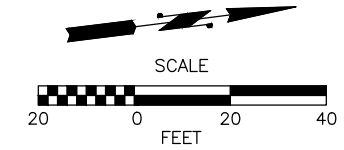
ALDERWOOD MALL PKWY

POPLAR WAY

MATCH LINE STA 508+00, SEE DWG. NO. IT13

MATCH LINE STA 107+00, SEE DWG. NO. IT3

NOTE TO REVIEWER:
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No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
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LYNNWOOD
WASHINGTON

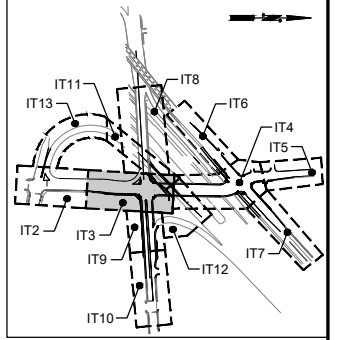


Drawn By	S. DELAVARPOUR	Date	5/2023
Designed By	E. BORGES	Date	5/2023
Checked By	V. WEN	Date	5/2023
Approved By	V. WEN	Date	5/2023

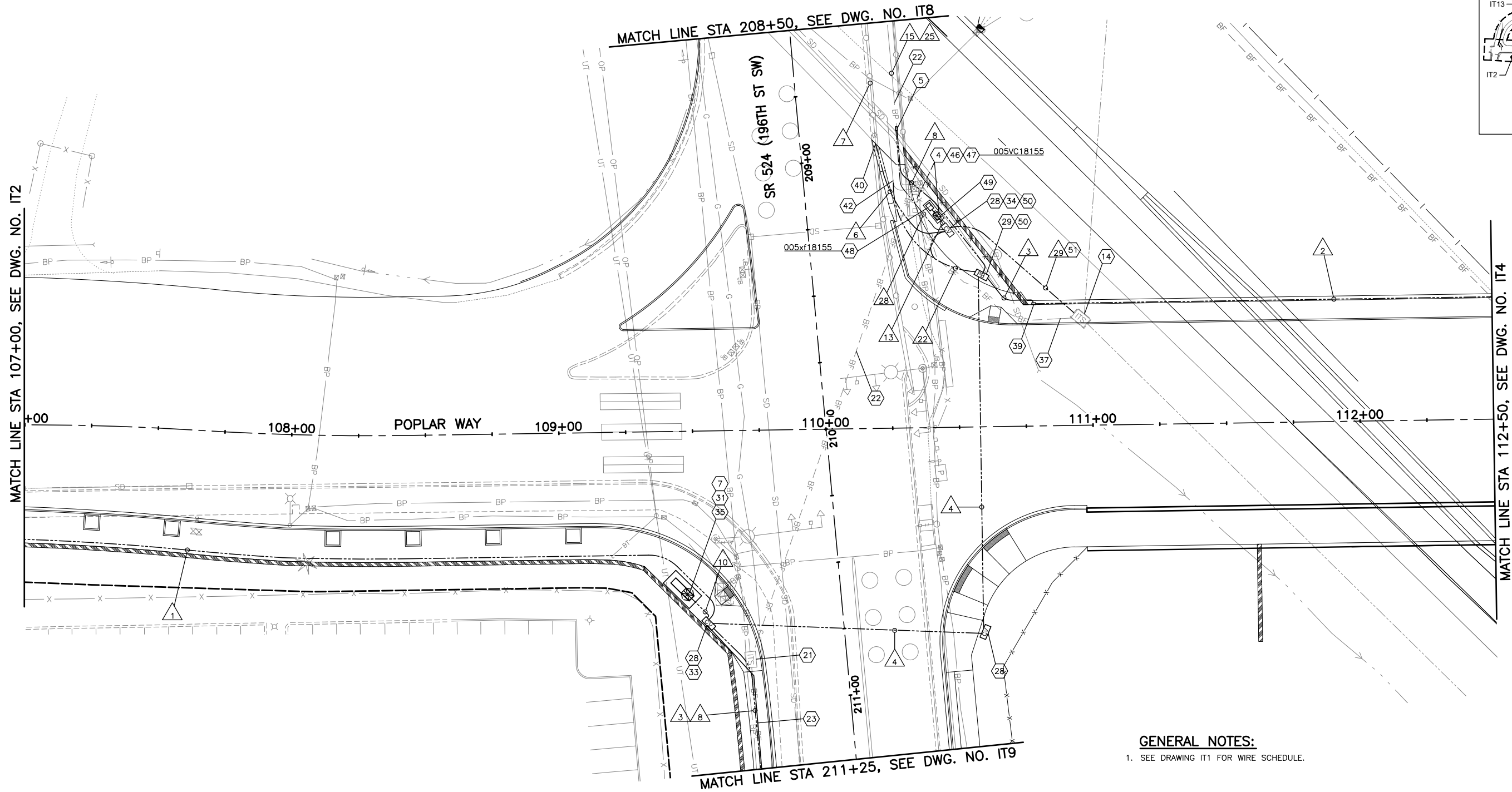
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CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
B.O.P. TO STA 107+00
ITS PLAN

Drawing No.	IT2
Sheet No.	X
of Total	



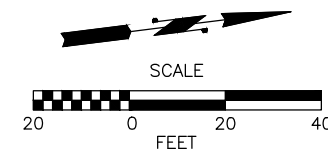
KEY MAP
NTS



GENERAL NOTES:

- 1. SEE DRAWING IT1 FOR WIRE SCHEDULE.

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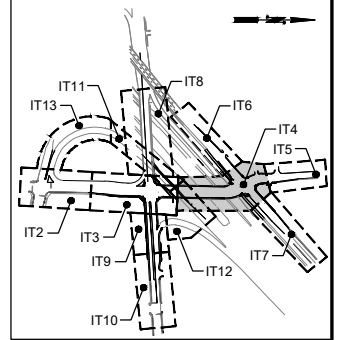
Drawn By S. DELAVARPOUR Date 5/2023
Designed By E. BORGES Date 5/2023
Checked By V. WEN Date 5/2023
Approved By V. WEN Date 5/2023

SCALE
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Project Number 20100156

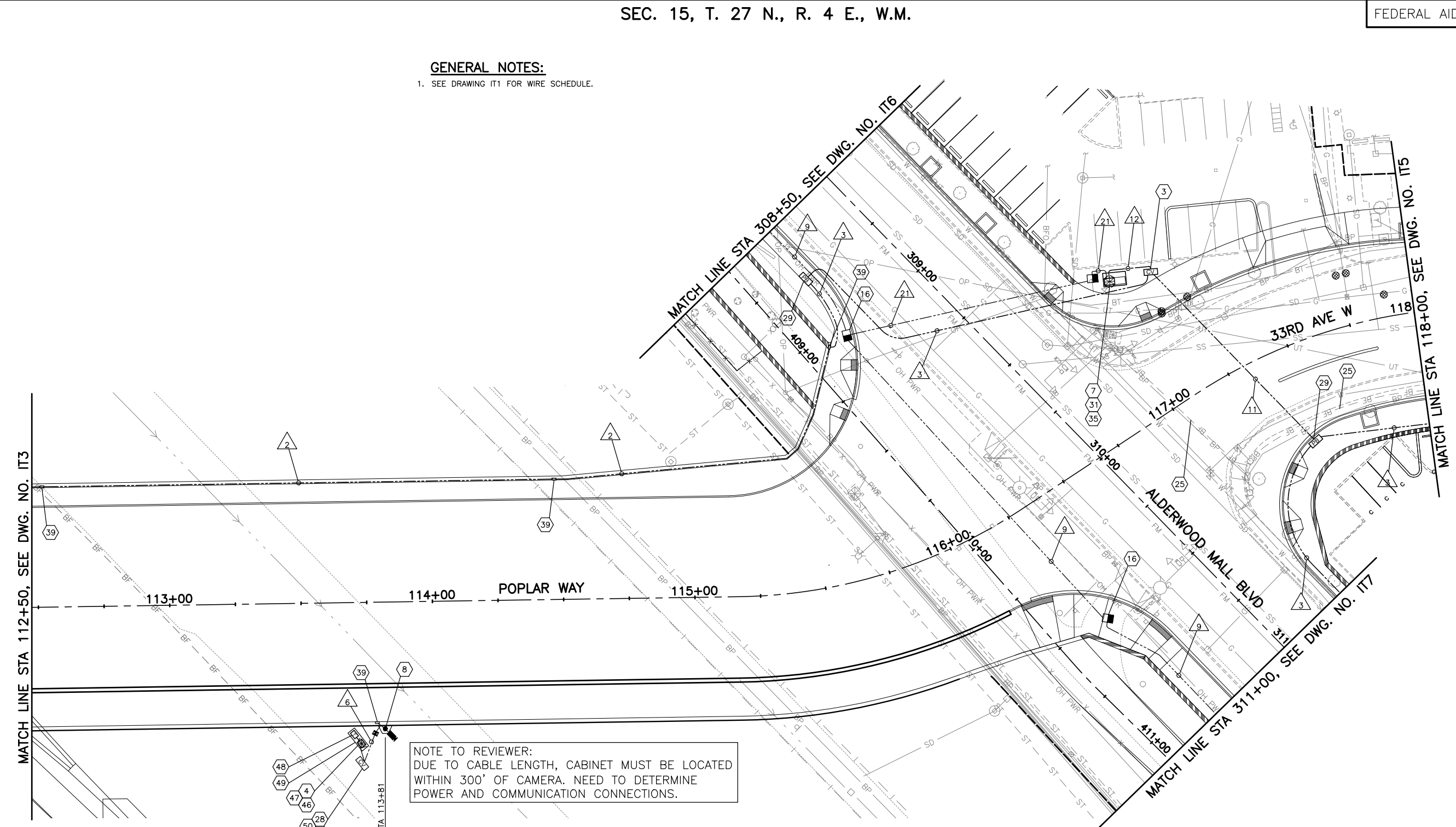
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 107+00 TO STA 112+50
ITS PLAN

Drawing No. IT3
Sheet No. X
of Total

GENERAL NOTES:
 1. SEE DRAWING IT1 FOR WIRE SCHEDULE.

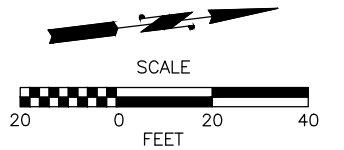


KEY MAP
NTS



NOTE TO REVIEWER:
 DUE TO CABLE LENGTH, CABINET MUST BE LOCATED WITHIN 300' OF CAMERA. NEED TO DETERMINE POWER AND COMMUNICATION CONNECTIONS.

NOTE TO REVIEWER:
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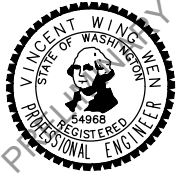
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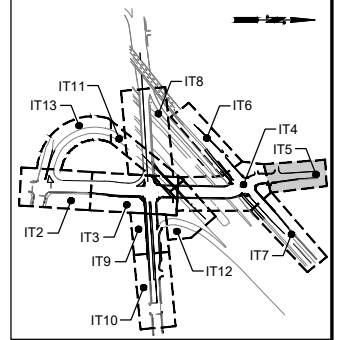


Drawn By	S. DELAVARPOUR	Date	5/2023
Designed By	E. BORGES	5/2023	
Checked By	V. WEN	5/2023	
Approved By	V. WEN	5/2023	

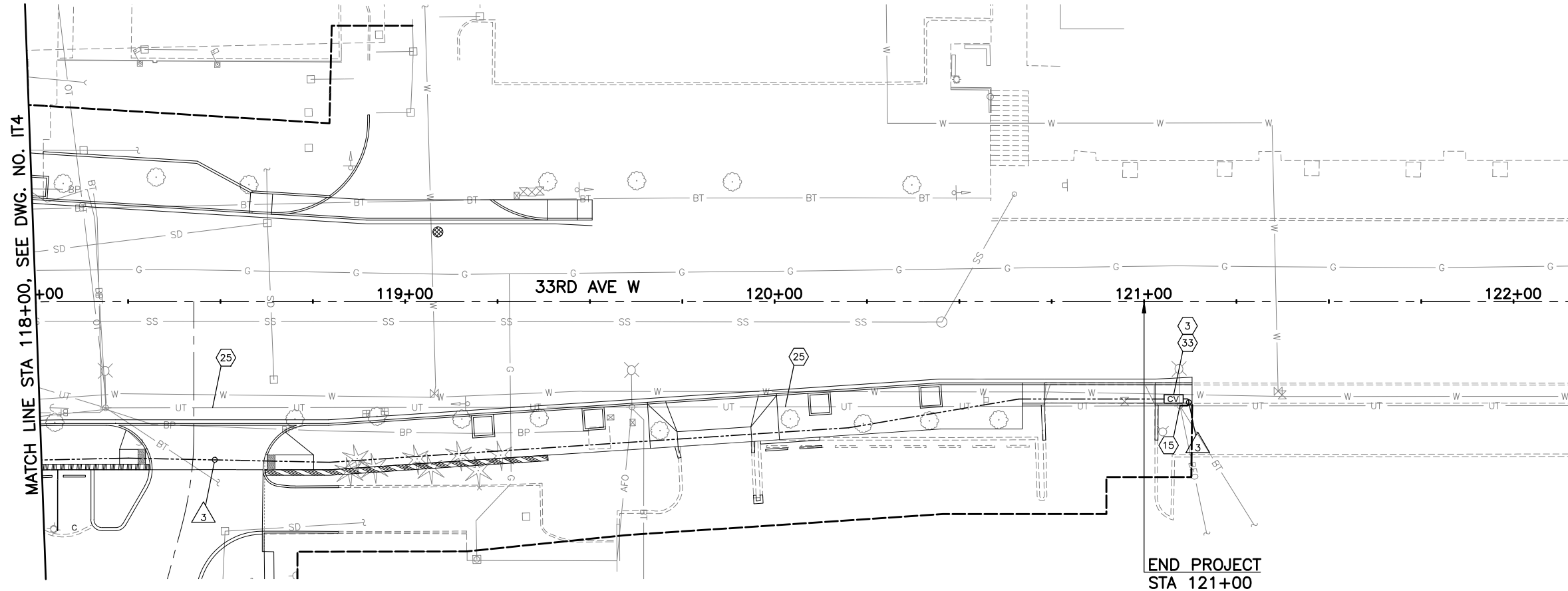
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Project Number	20100156

CITY OF LYNNWOOD
 POPLAR WAY EXTENSION BRIDGE
 STA 112+50 TO STA 118+00
 ITS PLAN

Drawing No.	IT4
Sheet No.	X
of Total	

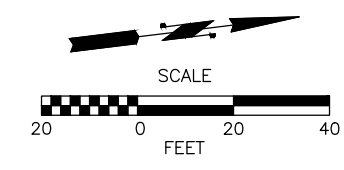


KEY MAP
NTS



GENERAL NOTES:
1. SEE DRAWING IT1 FOR WIRE SCHEDULE.

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PERTEET
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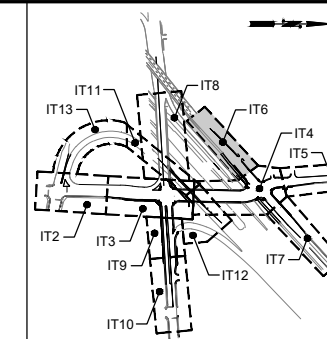


Drawn By	Date
S. DELAVARPOUR	5/2023
Designed By	
E. BORGES	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

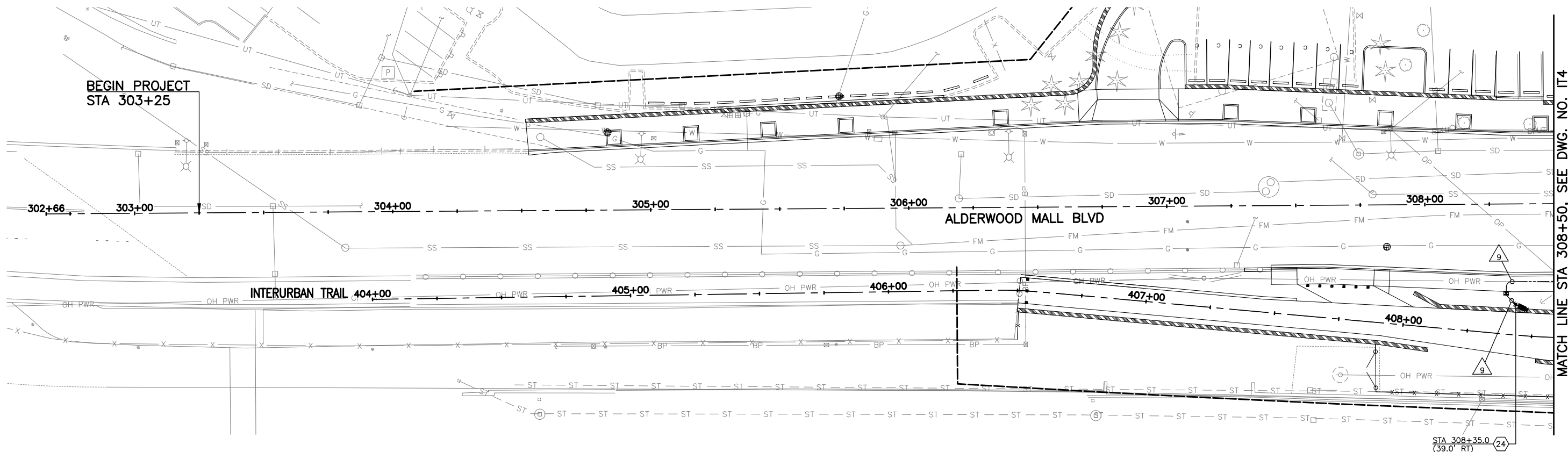
SCALE
Horiz 1"=20'
Vert
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 118+00 TO E.O.P.
ITS PLAN

Drawing No.	IT5
Sheet No.	X
of Total	



KEY MAP
NTS



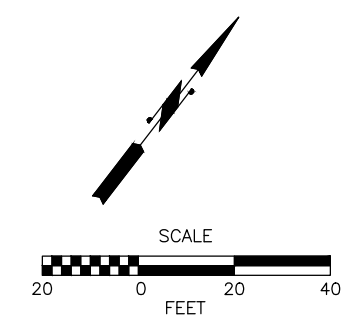
BEGIN PROJECT
STA 303+25

MATCH LINE STA 308+50, SEE DWG. NO. IT4

GENERAL NOTES:

- SEE DRAWING IT1 FOR WIRE SCHEDULE.

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No.	Date	Revision	By	Appr.

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Drawn By	S. DELAVARPOUR	Date	5/2023
Designed By	E. BORGES	5/2023	
Checked By	V. WEN	5/2023	
Approved By	V. WEN	5/2023	

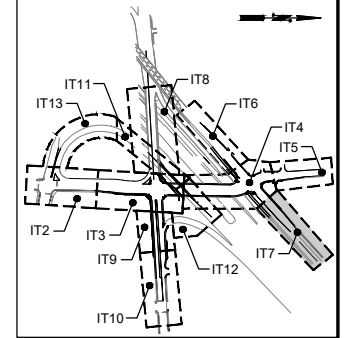
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CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
B.O.P. TO STA 308+50
ITS PLAN

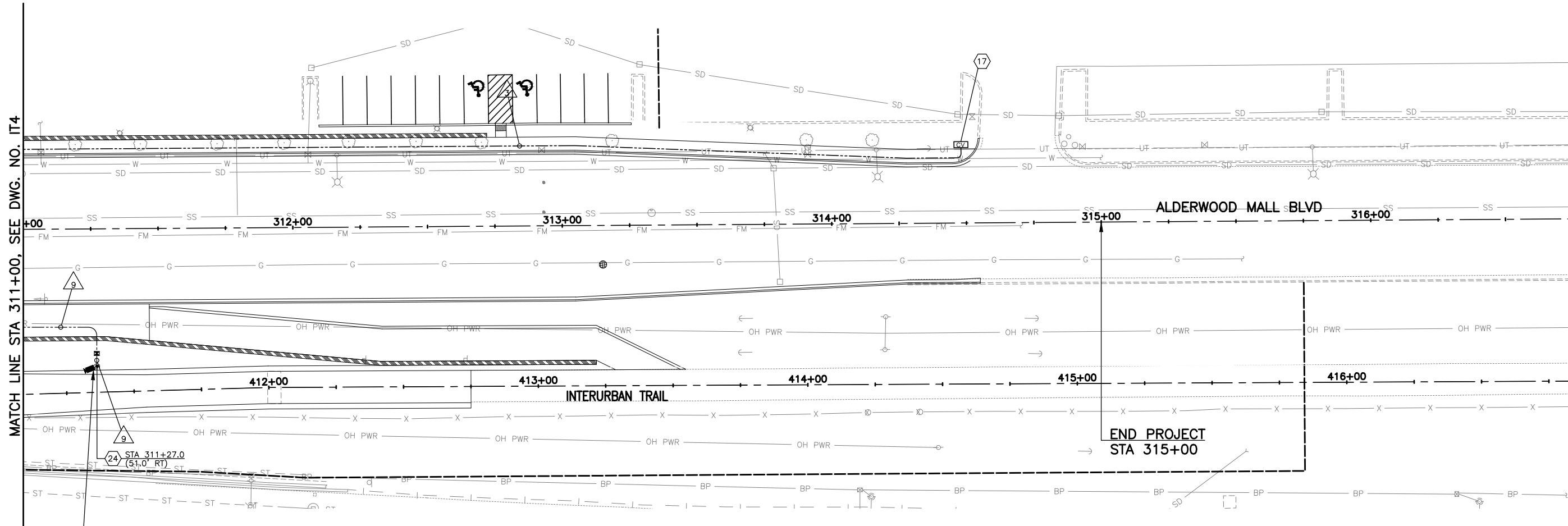
Drawing No.	IT6
Sheet No.	X
of Total	

GENERAL NOTES:

1. SEE DRAWING IT1 FOR WIRE SCHEDULE.

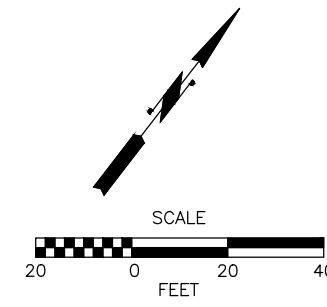


KEY MAP
NTS



NOTE TO REVIEWER:
ASSUMING THESE ARE IP
CAMERAS THERE ARE CABLE
LENGTH LIMITATIONS. MAY NEED
SMALL CABINET TO CONVERT TO
FIBER.

NOTE TO REVIEWER:
90% DESIGN IS A WORK IN
PROGRESS AND WILL BE
COORDINATED WITH THE CITY.



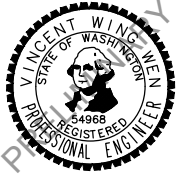
90% REVIEW
CHECK PRINT
NOT FOR CONSTRUCTION

May 09, 2023 12:35pm seen.delavarpour X:\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156 IT.dwg Layout Name: IT7

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD
WASHINGTON

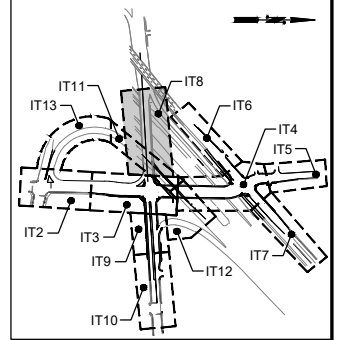


Drawn By	S. DELAVARPOUR	Date	5/2023
Designed By	E. BORGES	Date	5/2023
Checked By	V. WEN	Date	5/2023
Approved By	V. WEN	Date	5/2023

SCALE	1"=20'
Horiz	1"=20'
Vert	1"=20'
Project Number	20100156

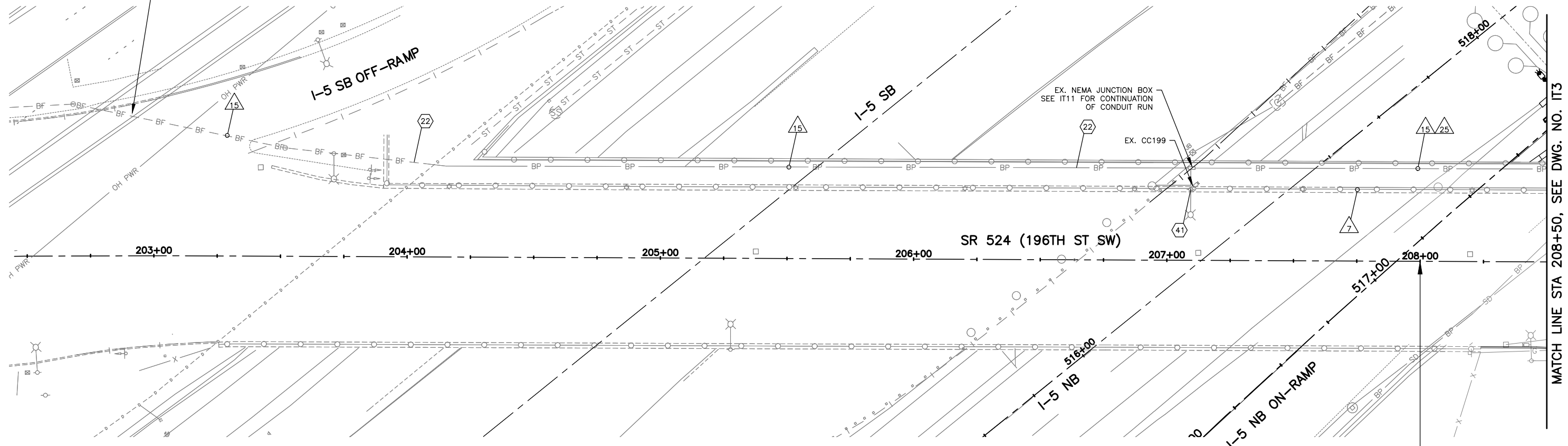
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 311+00 TO E.O.P.
ITS PLAN

Drawing No.	IT7
Sheet No.	X
of Total	



KEY MAP
NTS

NOTE TO REVIEWER:
NEED TO DETERMINE WHERE NEW
CITY 96SMFO FIBER CABLE ENDS



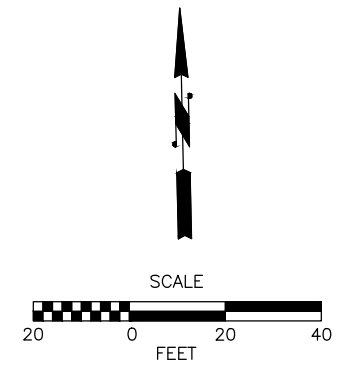
MATCH LINE STA 208+50, SEE DWG. NO. IT3

BEGIN PROJECT
SR 524 MP 5.28
SR 524 STA 208+00

GENERAL NOTES:

- SEE DRAWING IT1 FOR WIRE SCHEDULE.

NOTE TO REVIEWER:
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May 09, 2023 12:35pm seen.delavarpour X:\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 ITS.dwg Layout Name: IT8

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
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WASHINGTON

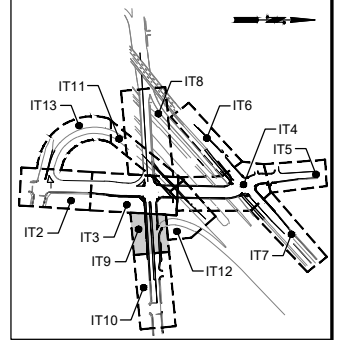


Drawn By	S. DELAVARPOUR	Date	5/2023
Designed By	E. BORGES	Date	5/2023
Checked By	V. WEN	Date	5/2023
Approved By	V. WEN	Date	5/2023

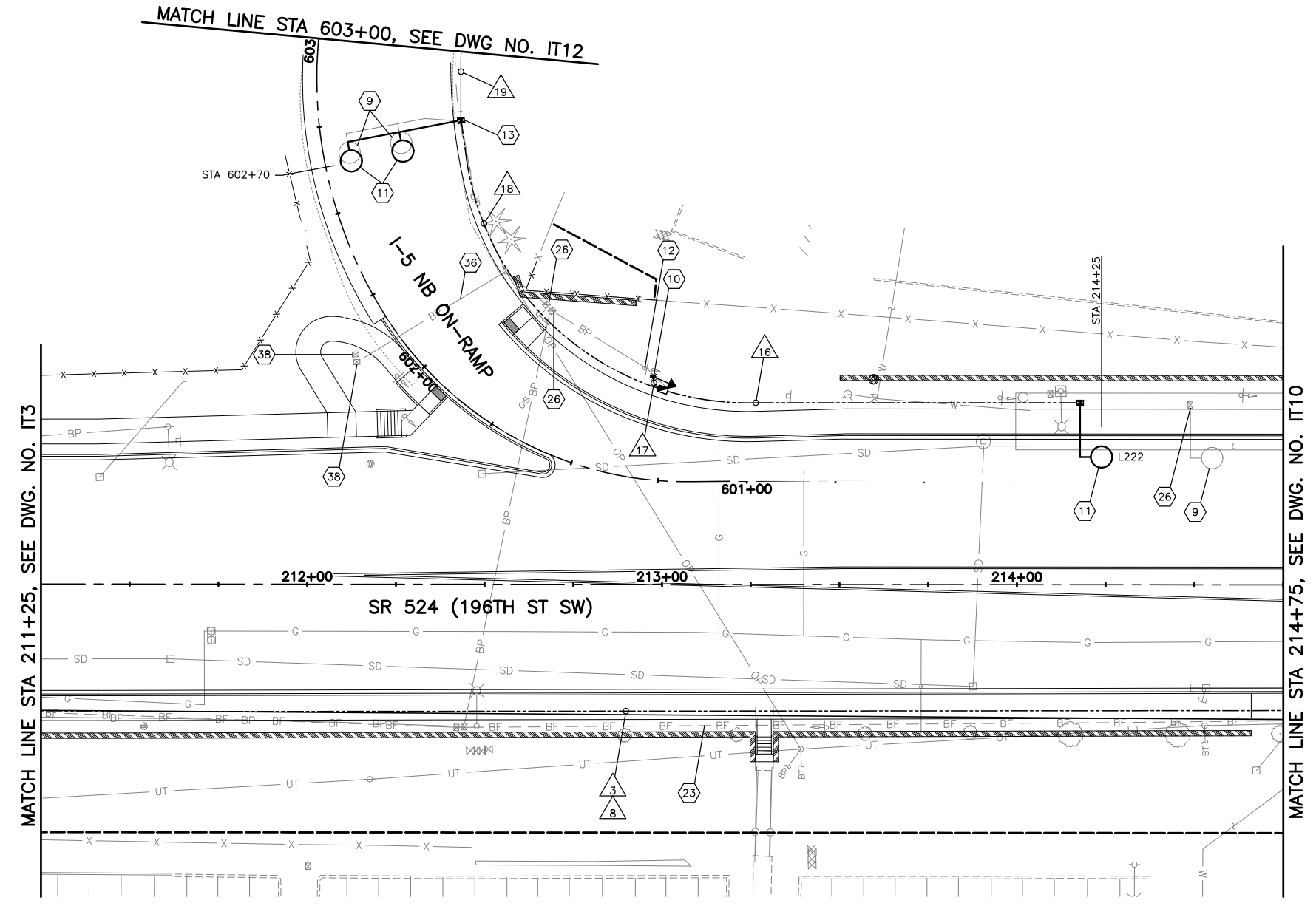
SCALE	1"=20'
Horiz	1"=20'
Vert	1"=20'
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
B.O.P. TO STA 208+50
ITS PLAN

Drawing No.	IT8
Sheet No.	X
of Total	1

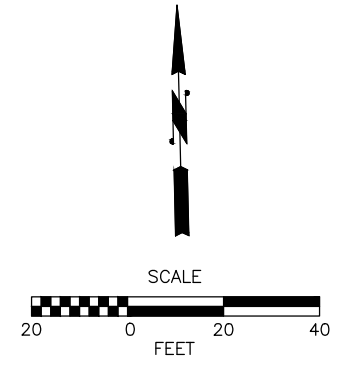


KEY MAP
NTS



GENERAL NOTES:
1. SEE DRAWING IT1 FOR WIRE SCHEDULE.

NOTE TO REVIEWER:
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PROGRESS AND WILL BE
COORDINATED WITH THE CITY.



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CHECK PRINT
NOT FOR CONSTRUCTION

May 09, 2023 12:35pm seen.delavarpour X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156 IT.dwg Layout Name: IT9

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
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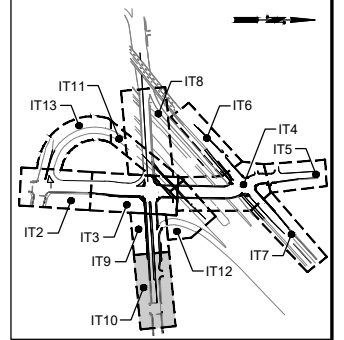


Drawn By	Date
S. DELAVARPOUR	5/2023
Designed By	
E. BORGES	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

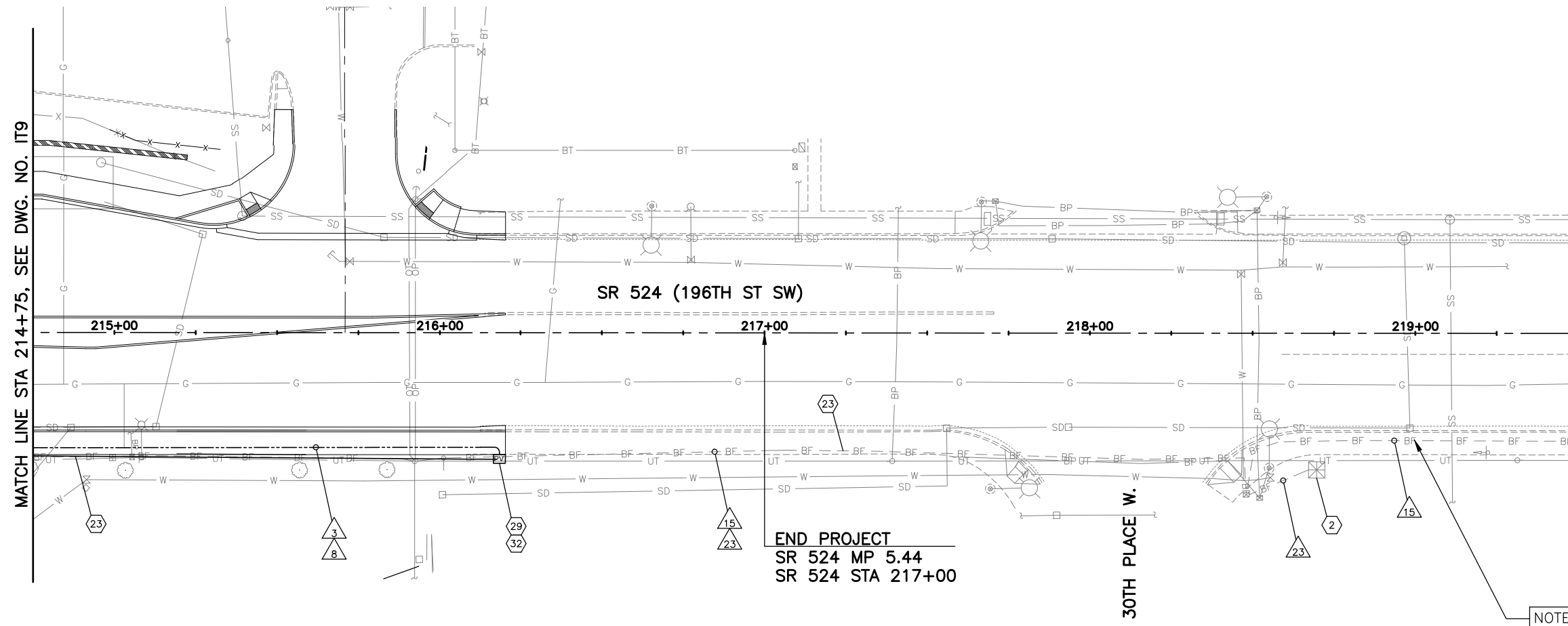
SCALE
Horiz 1"=20'
Vert
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 211+25 TO STA 214+75
ITS PLAN

Drawing No.	IT9
Sheet No.	X
of Total	



KEY MAP
NTS



MATCH LINE STA 214+75, SEE DWG. NO. IT9

SR 524 (196TH ST SW)

30TH PLACE W.

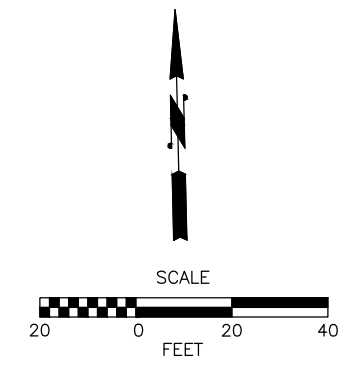
END PROJECT
SR 524 MP 5.44
SR 524 STA 217+00

NOTE TO REVIEWER:
NEED TO DETERMINE WHERE NEW
CITY 96SMFO FIBER CABLE ENDS

GENERAL NOTES:

- SEE DRAWING IT1 FOR WIRE SCHEDULE.

NOTE TO REVIEWER:
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PROGRESS AND WILL BE
COORDINATED WITH THE CITY.



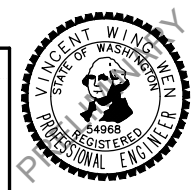
90% REVIEW
CHECK PRINT
NOT FOR CONSTRUCTION

May 09, 2023 12:35pm seen.delavarpour X:\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 IT.dwg Layout Name: IT10

No.	Date	Revision	By	Appr.

PERTEET
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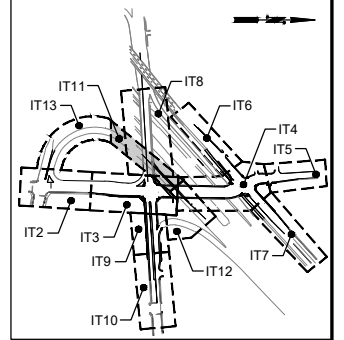


Drawn By	Date
S. DELAVARPOUR	5/2023
Designed By	
E. BORGES	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

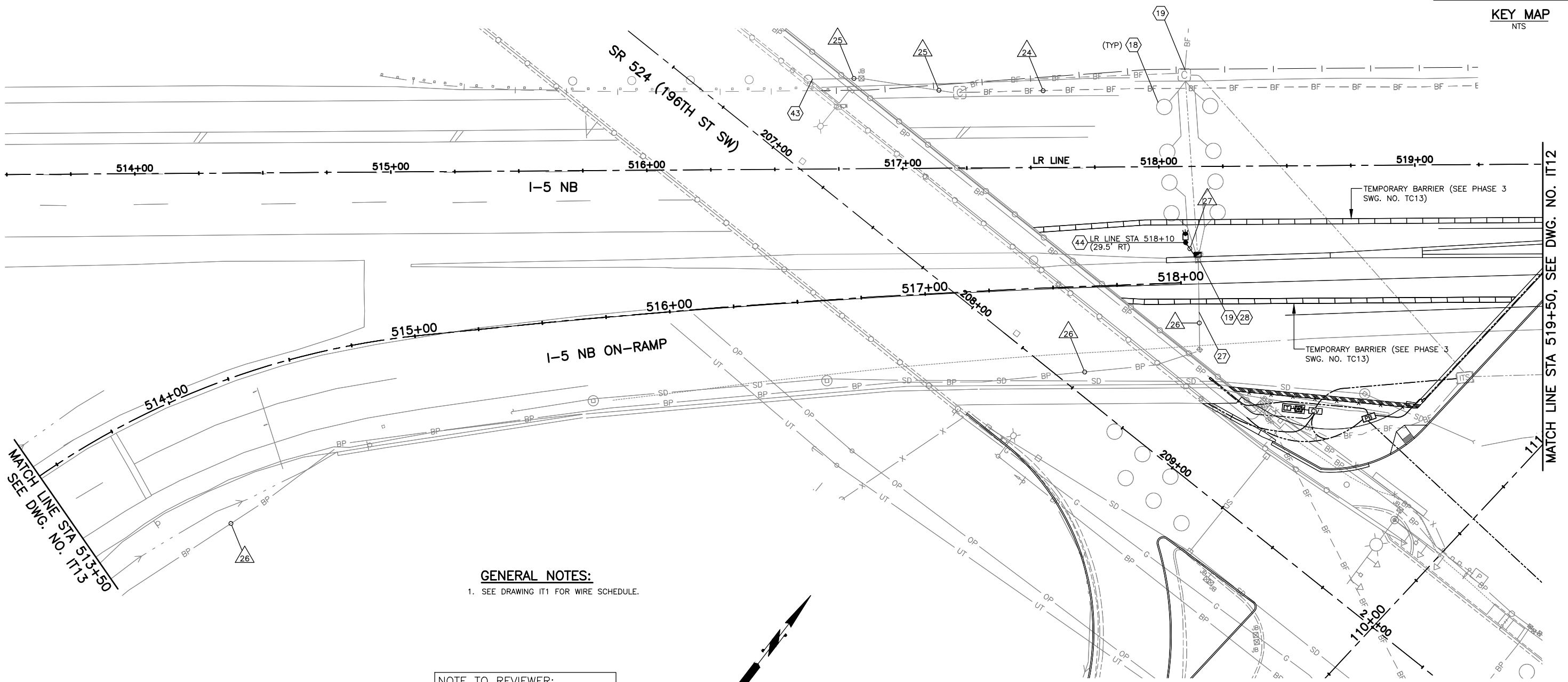
SCALE
Horiz 1"=20'
Vert
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 214+75 TO E.O.P.
ITS PLAN

Drawing No.	IT10
Sheet No.	X
of Total	

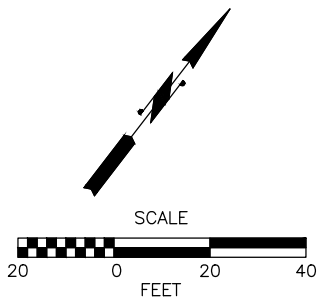


KEY MAP
NTS



GENERAL NOTES:
1. SEE DRAWING IT1 FOR WIRE SCHEDULE.

NOTE TO REVIEWER:
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PROGRESS AND WILL BE
COORDINATED WITH THE CITY.



90% REVIEW
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May 09, 2023 12:35pm seen.delavarpour X:\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 IT.dwg Layout Name: IT11

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
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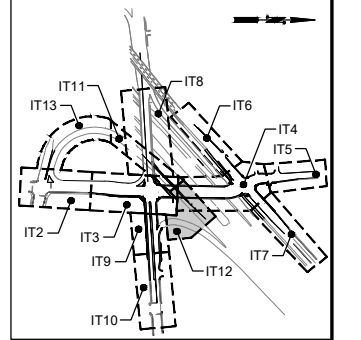


Drawn By: S. DELAVARPOUR Date: 5/2023
Designed By: E. BORGES Date: 5/2023
Checked By: V. WEN Date: 5/2023
Approved By: V. WEN Date: 5/2023

SCALE
Horiz: 1"=20'
Vert: 1"=20'
Project Number: 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 513+50 TO STA 519+50
ITS PLAN

Drawing No. IT11
Sheet No. X
of Total

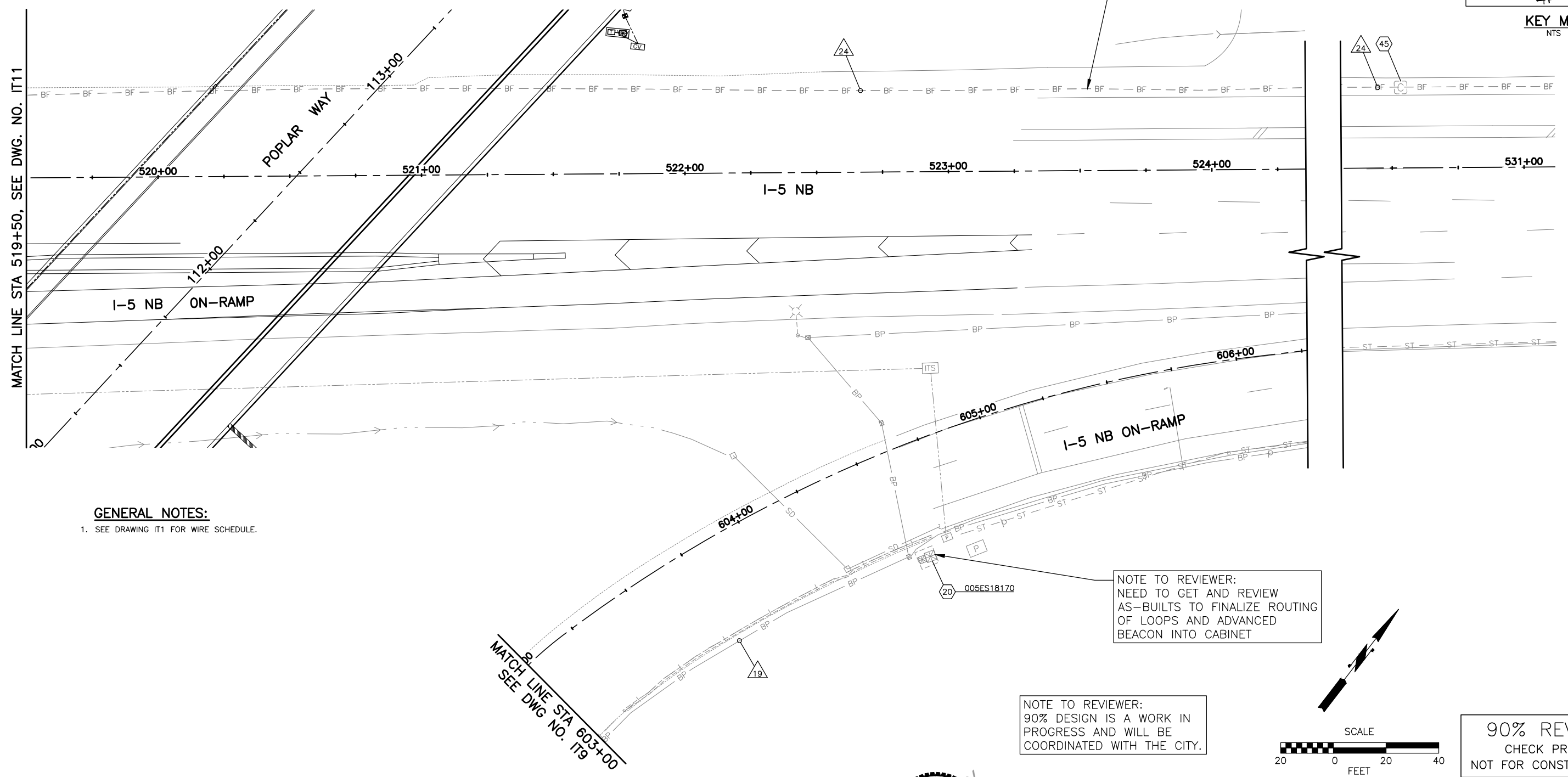


KEY MAP
NTS

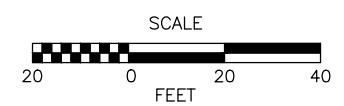
NOTE TO REVIEWER:
NEED TO CONFIRM PURPOSE OF
WSDOT TEMPORARY FIBER

NOTE TO REVIEWER:
NEED TO GET AND REVIEW
AS-BUILTS TO FINALIZE ROUTING
OF LOOPS AND ADVANCED
BEACON INTO CABINET

NOTE TO REVIEWER:
90% DESIGN IS A WORK IN
PROGRESS AND WILL BE
COORDINATED WITH THE CITY.



GENERAL NOTES:
1. SEE DRAWING IT1 FOR WIRE SCHEDULE.



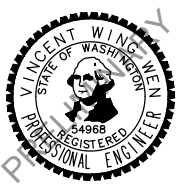
90% REVIEW
CHECK PRINT
NOT FOR CONSTRUCTION

May 09, 2023 - 12:35pm seen.delavarpour X:\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156 IT.dwg Layout Name: IT12

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
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WASHINGTON



Drawn By
S. DELAVARPOUR 5/2023
Designed By
E. BORGES 5/2023
Checked By
V. WEN 5/2023
Approved By
V. WEN 5/2023

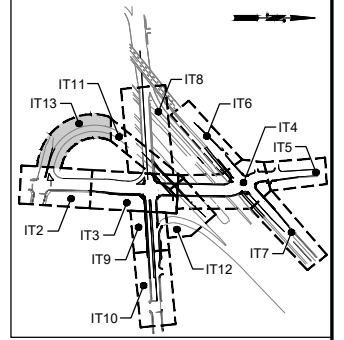
SCALE
Horiz 1"=20'
Vert
Project Number
20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 519+50 TO E.O.P.
ITS PLAN

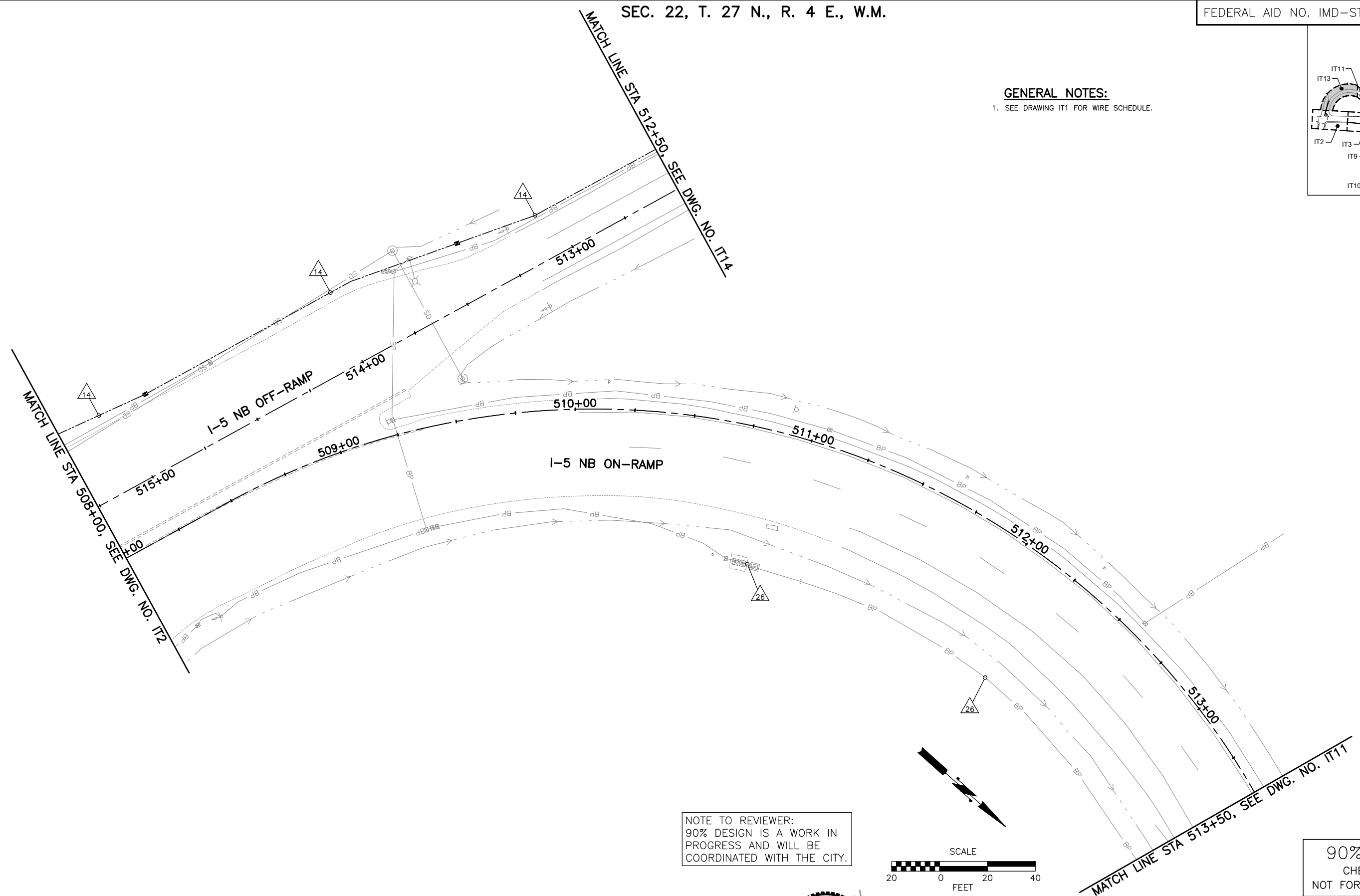
Drawing No.
IT12
Sheet No.
X
of Total

GENERAL NOTES:

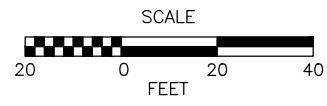
1. SEE DRAWING IT1 FOR WIRE SCHEDULE.



KEY MAP
NTS



NOTE TO REVIEWER:
90% DESIGN IS A WORK IN
PROGRESS AND WILL BE
COORDINATED WITH THE CITY.



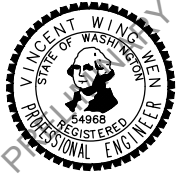
90% REVIEW
CHECK PRINT
NOT FOR CONSTRUCTION

May 09, 2023 12:35pm seen.delavarpour X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 IT.dwg Layout Name: IT13

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
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WASHINGTON

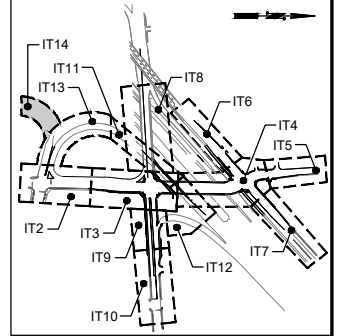


Drawn By	Date
S. DELAVARPOUR	5/2023
Designed By	
E. BORGES	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

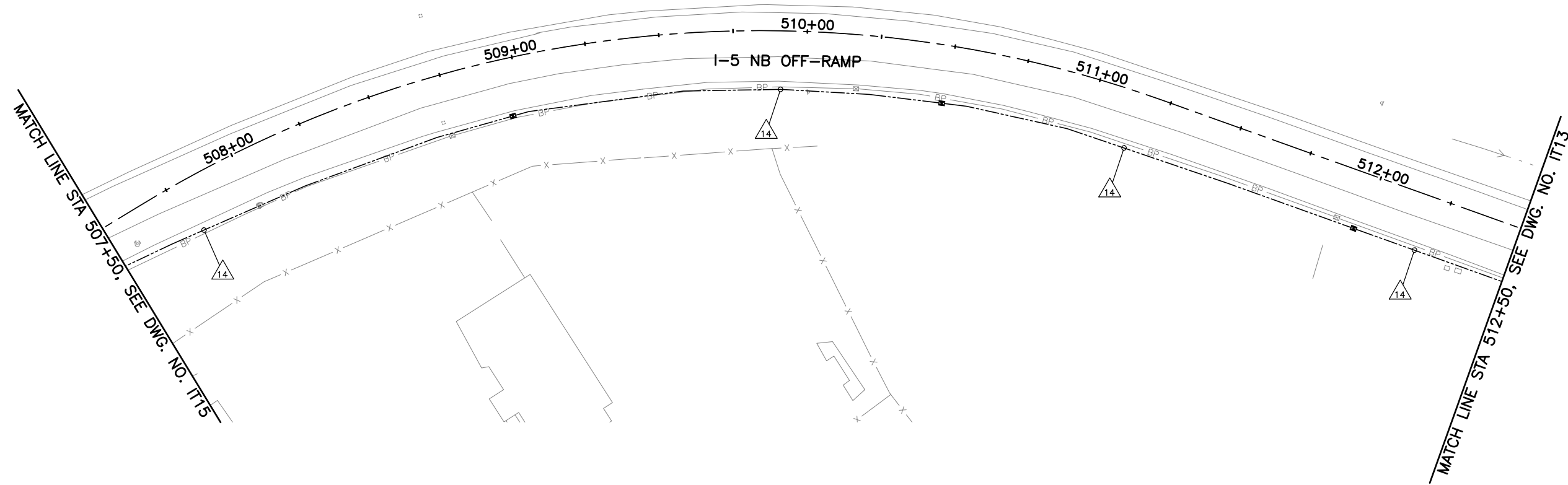
SCALE
Horiz 1"=20'
Vert
Project Number 20100156

CITY OF LYNNWOOD
**POPLAR WAY EXTENSION BRIDGE
STA 508+00 TO STA 513+50
ITS PLAN**

Drawing No.	IT13
Sheet No.	X
of Total	



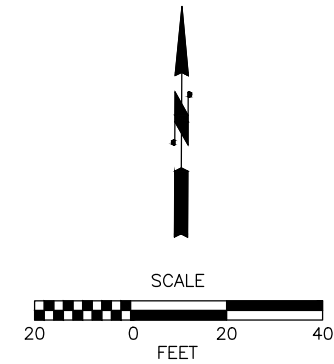
KEY MAP
NTS



GENERAL NOTES:

1. SEE DRAWING IT1 FOR WIRE SCHEDULE.

NOTE TO REVIEWER:
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PROGRESS AND WILL BE
COORDINATED WITH THE CITY.



90% REVIEW
CHECK PRINT
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May 09, 2023 12:35pm seen.delavarpour X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 IT.dwg Layout Name: IT14

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

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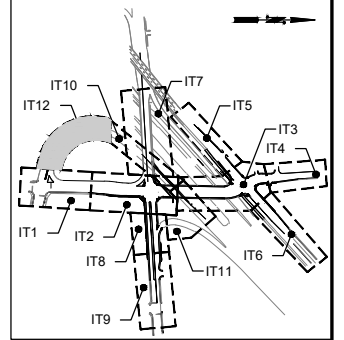


Drawn By	Date
S. DELAVARPOUR	5/2023
Designed By	
E. BORGES	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

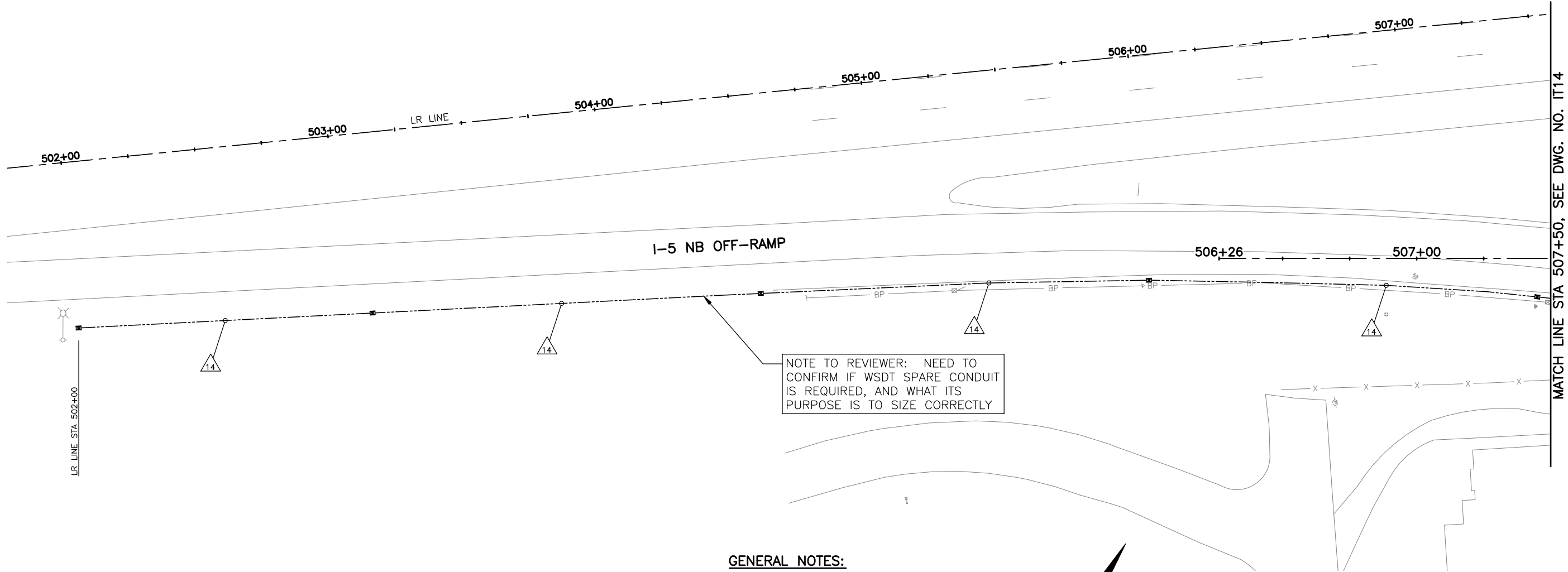
SCALE
Horiz 1"=20'
Vert
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
STA 507+50 TO STA 512+50
ITS PLAN

Drawing No.	IT14
Sheet No.	X
of Total	

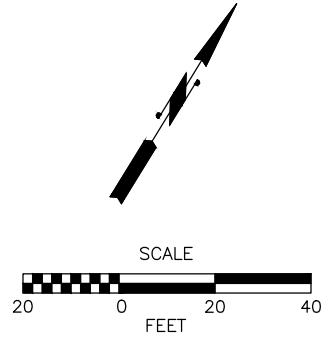


KEY MAP
NTS



NOTE TO REVIEWER: NEED TO CONFIRM IF WSDT SPARE CONDUIT IS REQUIRED, AND WHAT ITS PURPOSE IS TO SIZE CORRECTLY

GENERAL NOTES:
1. SEE DRAWING IT1 FOR WIRE SCHEDULE.



NOTE TO REVIEWER:
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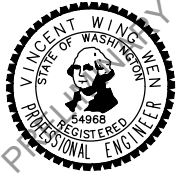
90% REVIEW
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NOT FOR CONSTRUCTION

May 09, 2023 12:35pm seen.delavarpour X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 IT.dwg Layout Name: IT15

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
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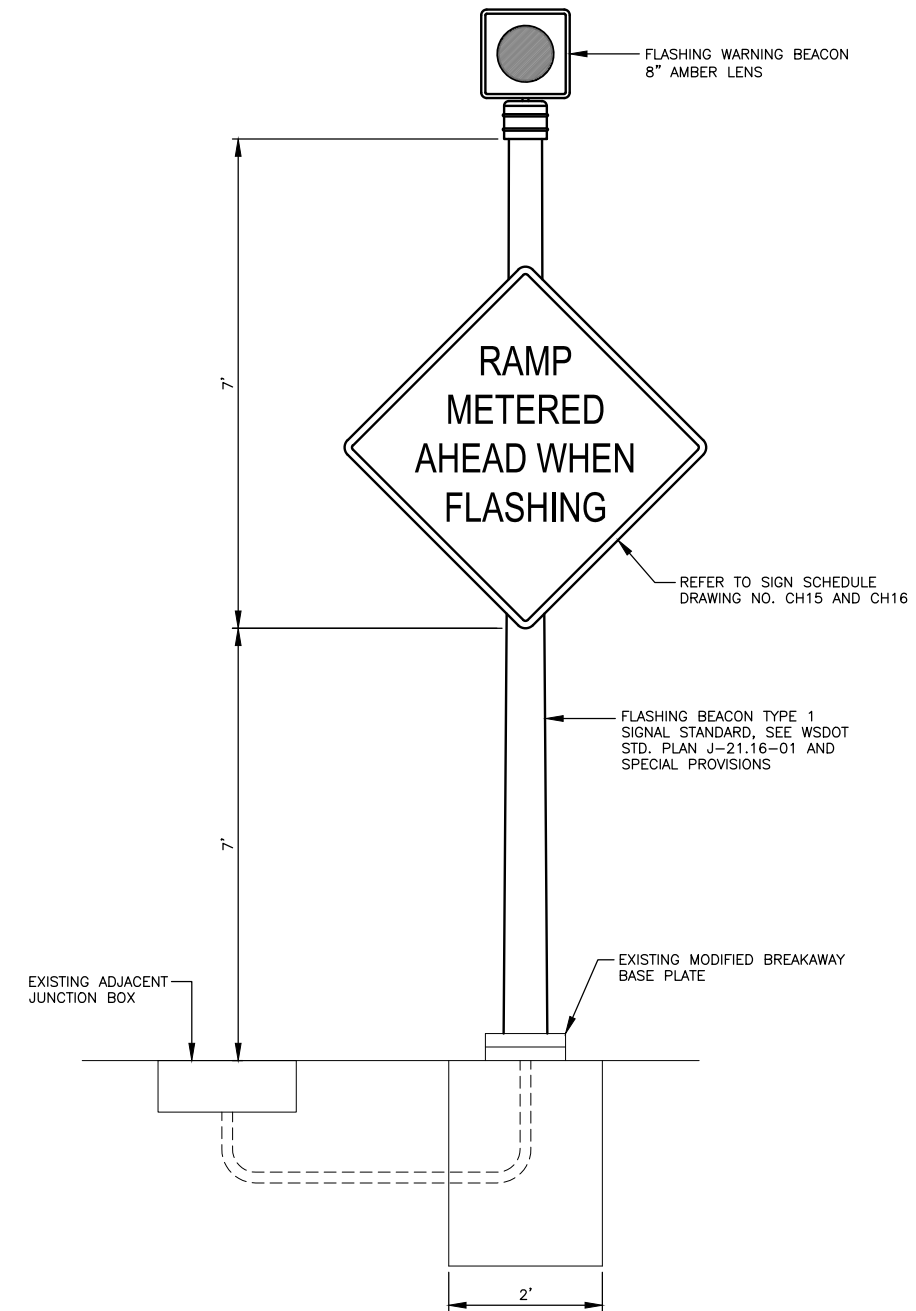


Drawn By	S. DELAVARPOUR	Date	5/2023
Designed By	E. BORGES	Date	5/2023
Checked By	V. WEN	Date	5/2023
Approved By	V. WEN	Date	5/2023

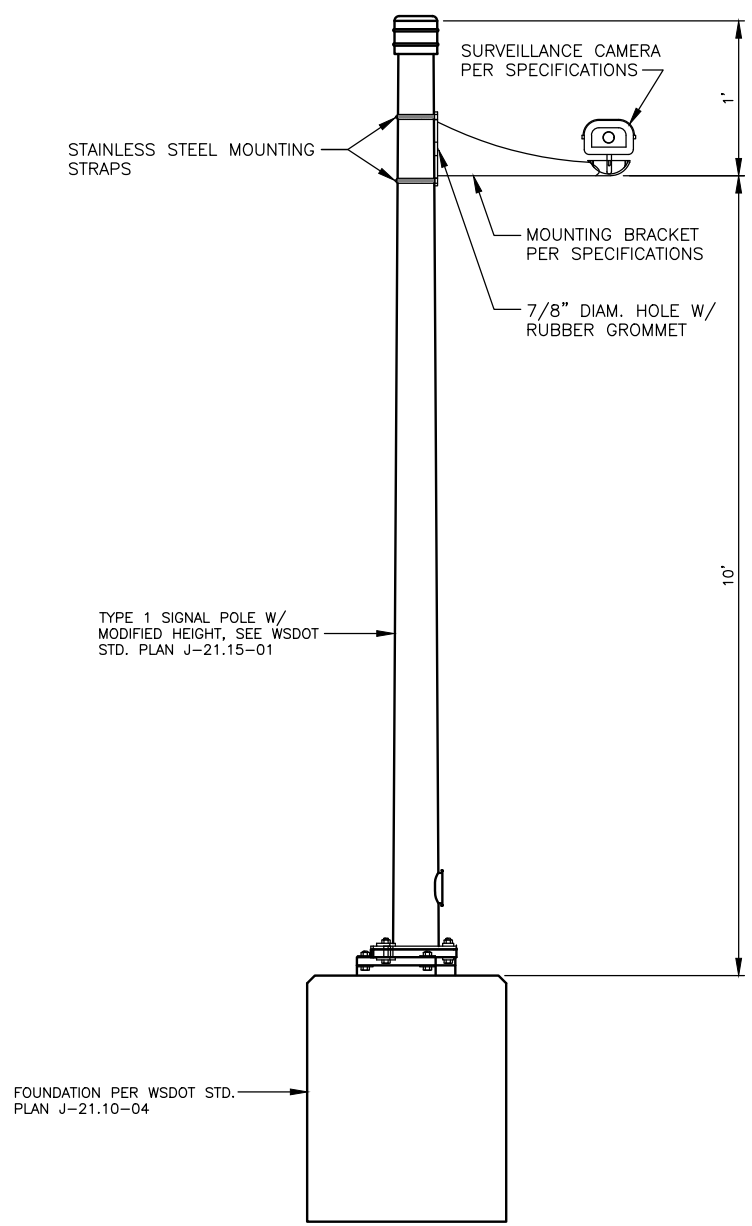
SCALE	1"=20'
Horiz	1"=20'
Vert	1"=20'
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
B.O.P. TO STA 507+50
ITS PLAN

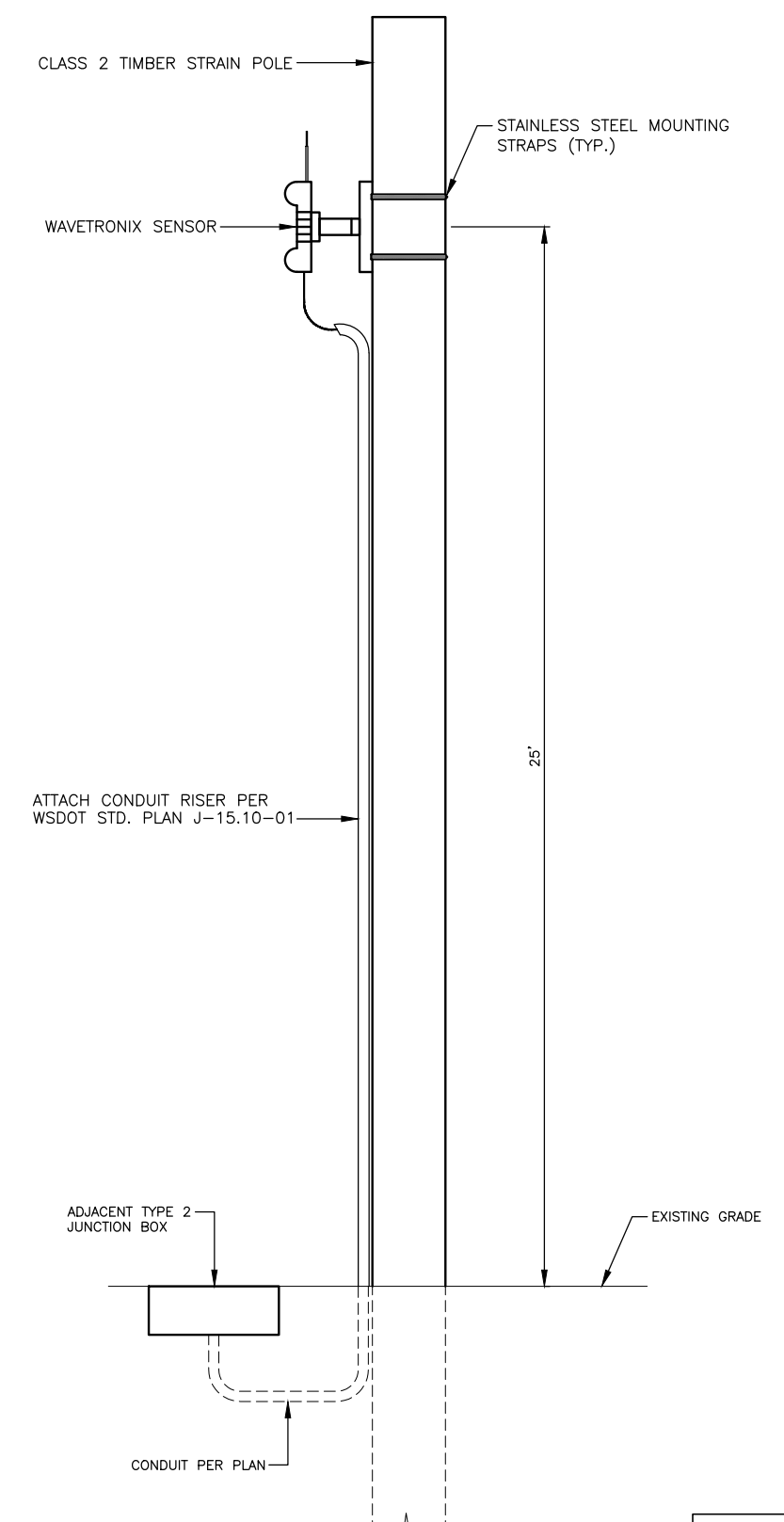
Drawing No.	IT15
Sheet No.	X
of Total	



RAMP METERING AHEAD SIGN POST DETAIL
N.T.S.



SURVEILLANCE CAMERA MOUNTING DETAIL
N.T.S.



NON-INTRUSIVE VEHICLE DETECTOR
N.T.S.

90% REVIEW
CHECK PRINT
NOT FOR CONSTRUCTION

May 09, 2023 12:35pm seen.delavarpour X:\lynwood_city_of\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156 IT.dwg Layout Name: ITD1

No.	Date	Revision	By	Appr.

PERTEET
2707 COLBY AVENUE, SUITE 900
EVERETT, WA 98201
425.252.7700 | 800.615.9900

LYNNWOOD WASHINGTON

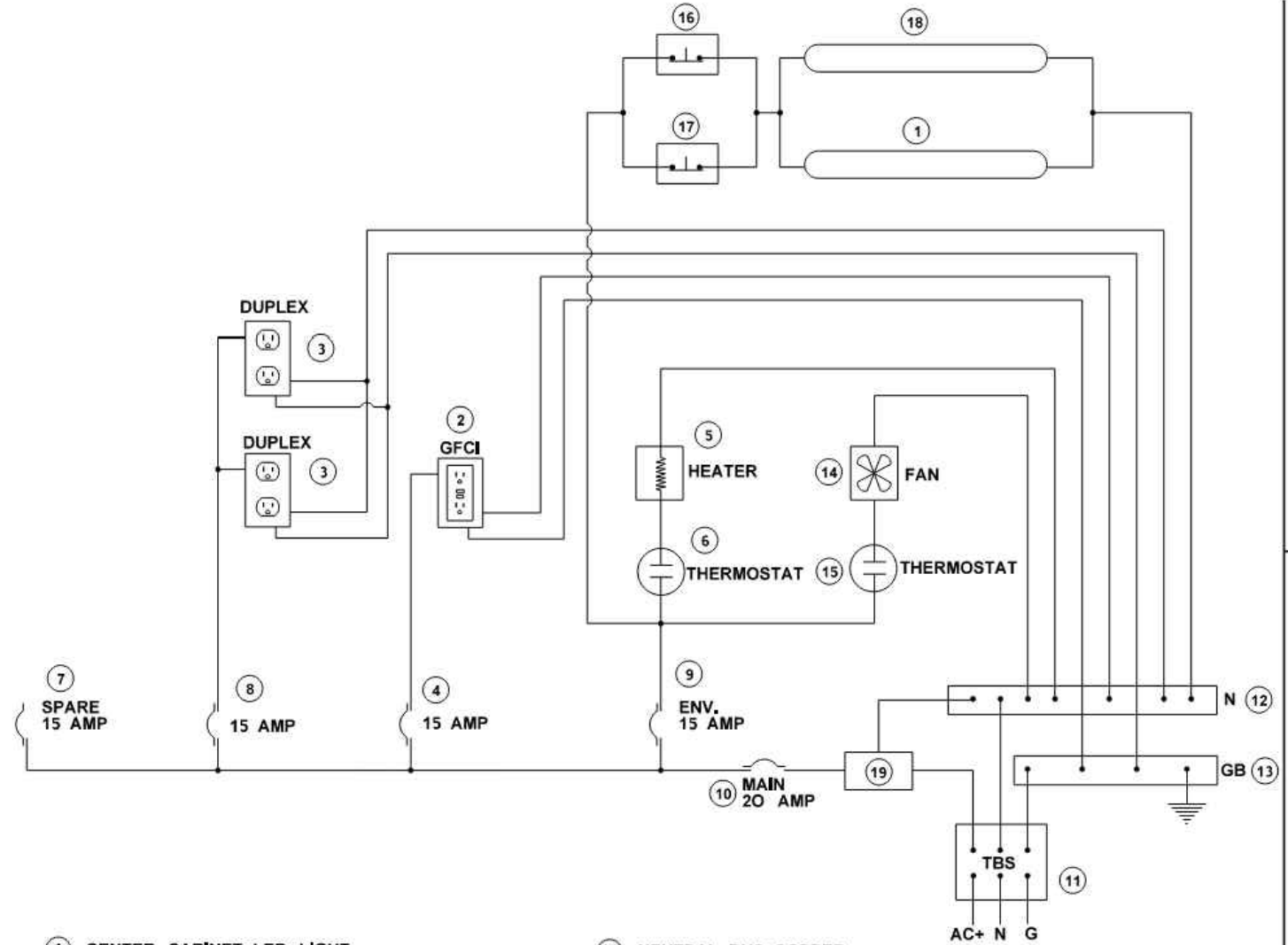


Drawn By	S. DELAVARPOUR	Date	5/2023
Designed By	E. BORGES	Date	5/2023
Checked By	V. WEN	Date	5/2023
Approved By	V. WEN	Date	5/2023

SCALE	
Horiz	
Vert	
Project Number	20100156

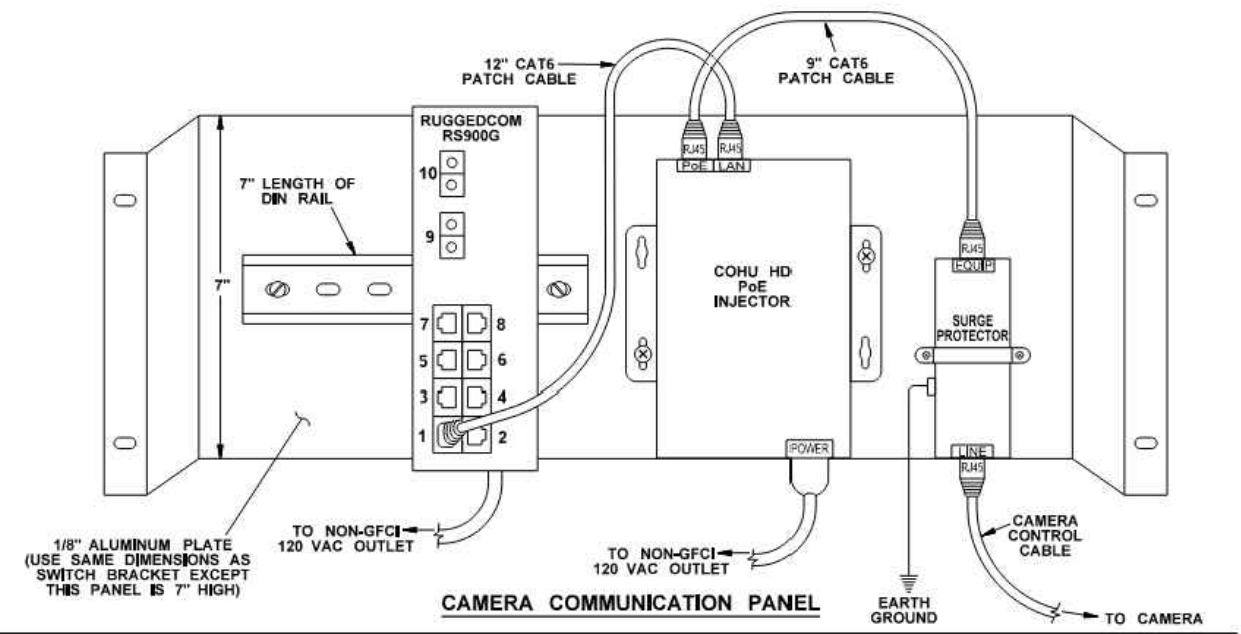
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
ITS DETAILS

Drawing No.	ITD1
Sheet No.	X
of Total	

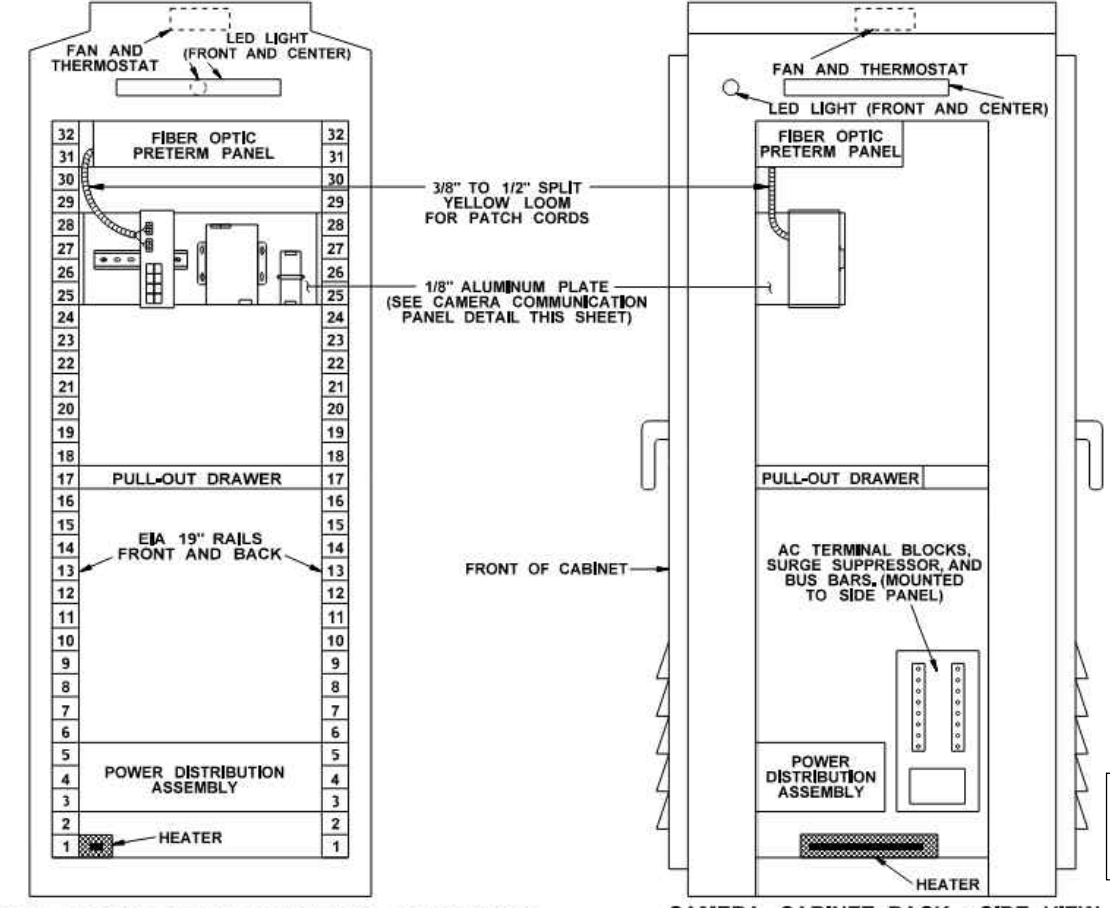


- ① CENTER CABINET LED LIGHT
- ② GFCI OUTLET DUPLEX RECEPTACLE
- ③ EIA DUPLEX RECEPTACLE
- ④ 15 AMP BREAKER FOR GFCI OUTLET
- ⑤ 100 WATT STRIP HEATER
- ⑥ THERMOSTAT, 50°F CLOSURE
- ⑦ 15 AMP SPARE BREAKER
- ⑧ 15 AMP RECEPTACLE BREAKER
- ⑨ 15 AMP ENVIRONMENTAL BREAKER
- ⑩ 20 AMP MAIN BREAKER
- ⑪ POWER TERMINAL BLOCK
- ⑫ NEUTRAL BUS, COPPER
- ⑬ GROUND BUS, COPPER
- ⑭ COOLING FAN
- ⑮ THERMOSTAT, 70°F CLOSURE
- ⑯ FRONT DOOR SWITCH (10 A), N.C.
- ⑰ REAR DOOR SWITCH (10 A), N.C.
- ⑱ SURGE SUPPRESSOR AND FILTER.

CAMERA CABINET WIRING DIAGRAM



CAMERA COMMUNICATION PANEL



CAMERA CABINET RACK ELEVATION - FRONT VIEW

CAMERA CABINET RACK - SIDE VIEW

CAMERA CABINET DETAILS

NOTE TO REVIEWER:
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CCTV CAMERA CABINET

May 09, 2023 12:35pm seen.delavarpour X:\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 IT.dwg Layout Name: ITD2

No.	Date	Revision	By	Appr.

PERTEET
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Drawn By S. DELAVARPOUR Date 5/2023
Designed By E. BORGES Date 5/2023
Checked By V. WEN Date 5/2023
Approved By V. WEN Date 5/2023

SCALE
Horiz
Vert
Project Number 20100156

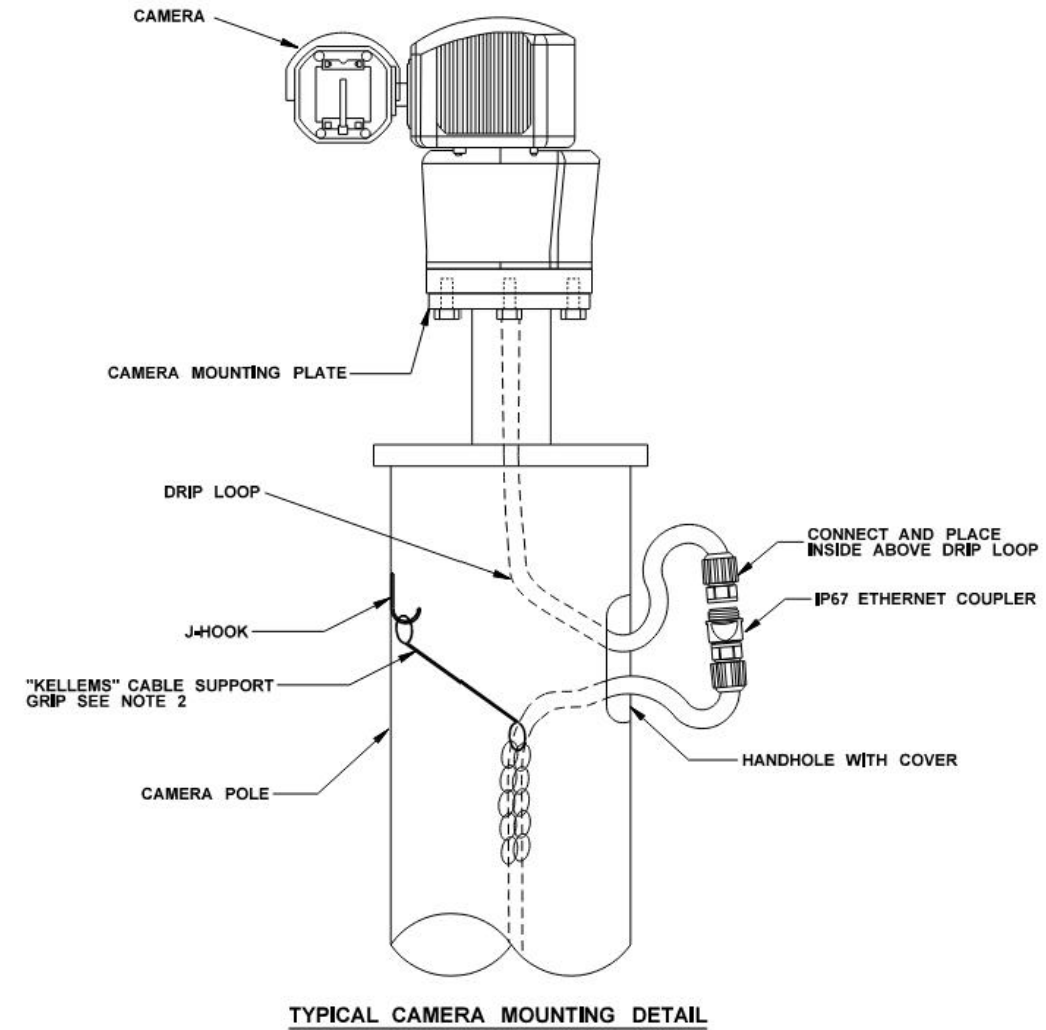
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
ITS DETAILS

Drawing No. ITD2
Sheet No. X of Total

GENERAL NOTES:

1. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR HIS WRITTEN APPROVAL ALL DETAILS OF CABLES AND CONNECTIONS OF TV CAMERA POLES.
2. CABLES INSIDE THE POLE SHALL BE SUSPENDED SUCH THAT NONE OF THE CABLE WEIGHT IS TRANSFERRED TO THE CABLE CONNECTIONS OR TERMINATIONS.
3. ALL HARDWARE SHALL BE STAINLESS STEEL OR GALVANIZED.
4. SEE STANDARD PLAN J-29.10-02 AND J-29.15-01 FOR CAMERA POLE AND FOUNDATION DETAILS.

CAMERA POLE SCHEDULE							
CCTV#	LINE	STATION	OFFSET	LT/RT	POLE HEIGHT	FOUNDATION DEPTH	SHEET NO.



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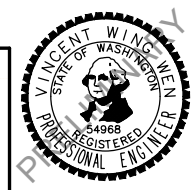
CCTV CAMERA MOUNTING

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE

ITS DETAILS

Drawing No.
ITD3
Sheet No.
X
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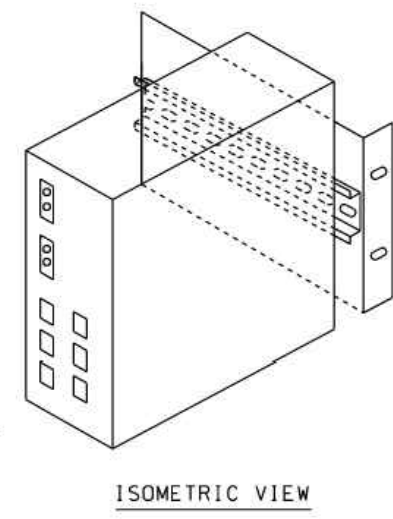
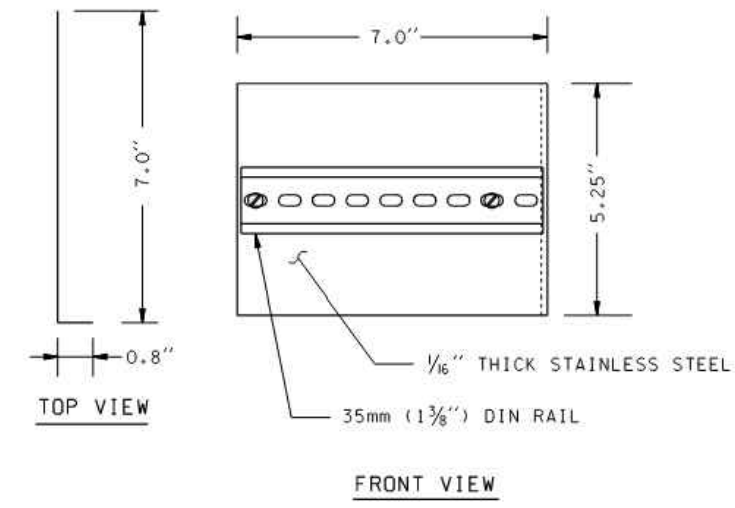
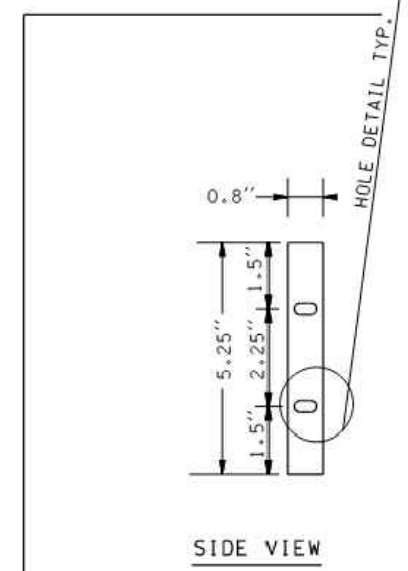
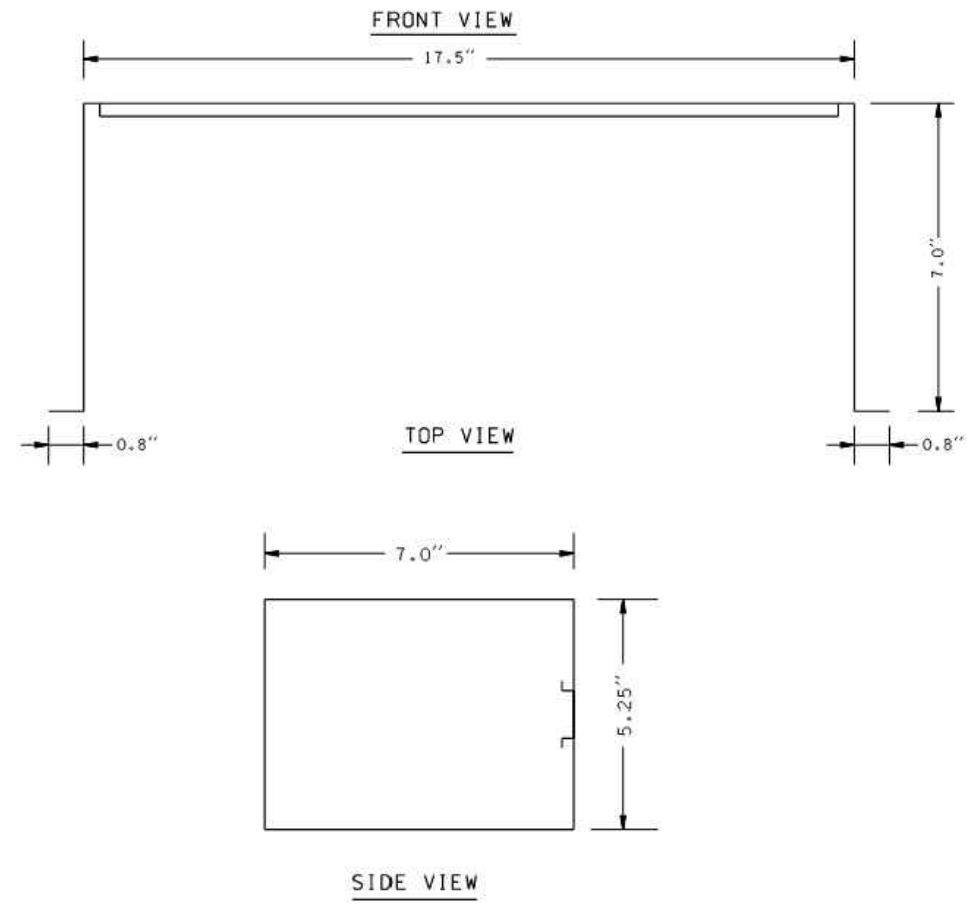
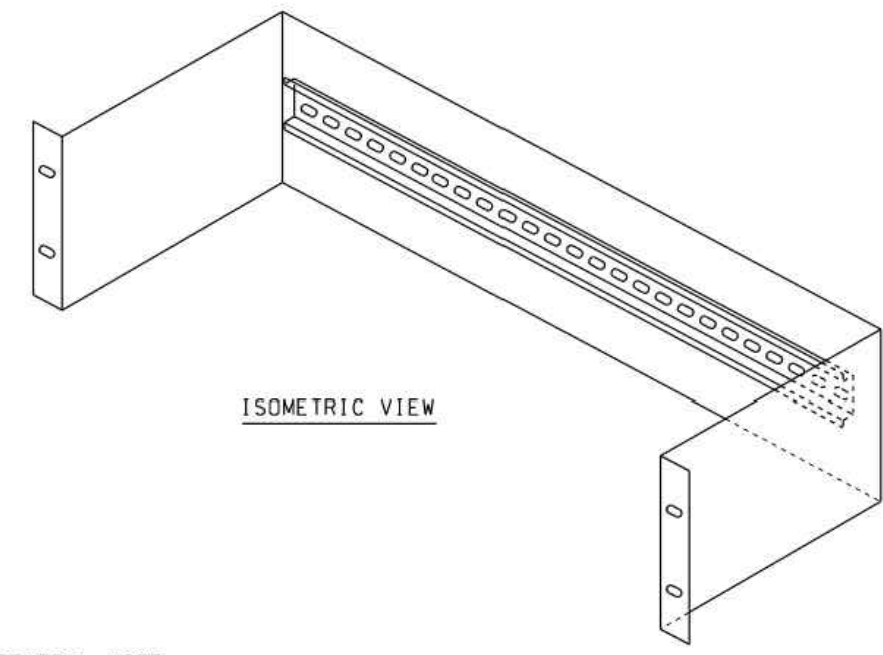
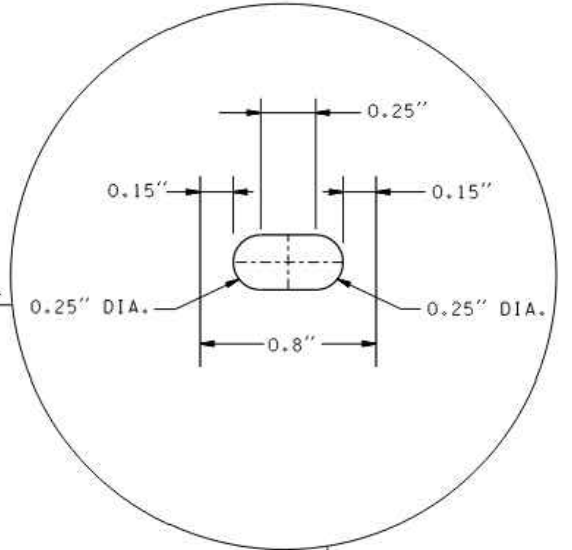
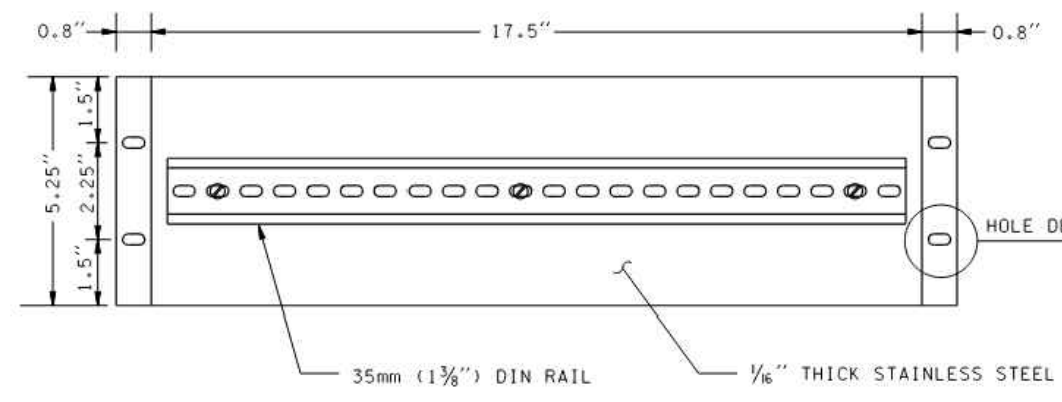
Drawn By	Date	SCALE
S. DELAVARPOUR	5/2023	Horiz
Designed By		Vert
E. BORGES	5/2023	Project Number
Checked By		20100156
V. WEN	5/2023	
Approved By		
V. WEN	5/2023	



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No.	Date	Revision	By	Appr.



GENERAL NOTE:
1. FOR USE IN ALL ITS CABINETS, HUB, AND SIGNAL CABINETS.

GENERAL NOTE:
1. FOR USE IN ALL ITS CABINETS AND SIGNAL CABINETS.

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FIBER OPTIC SWITCH BRACKET DETAIL

ETHERNET SWITCH BRACKET

May 09, 2023 12:35pm senn.delavarpour X:\Projects\20100156 - Poplar Way Extension Bridge\CADD v.2014\Plan Sheets\20100156 IT.dwg Layout Name: ITD4

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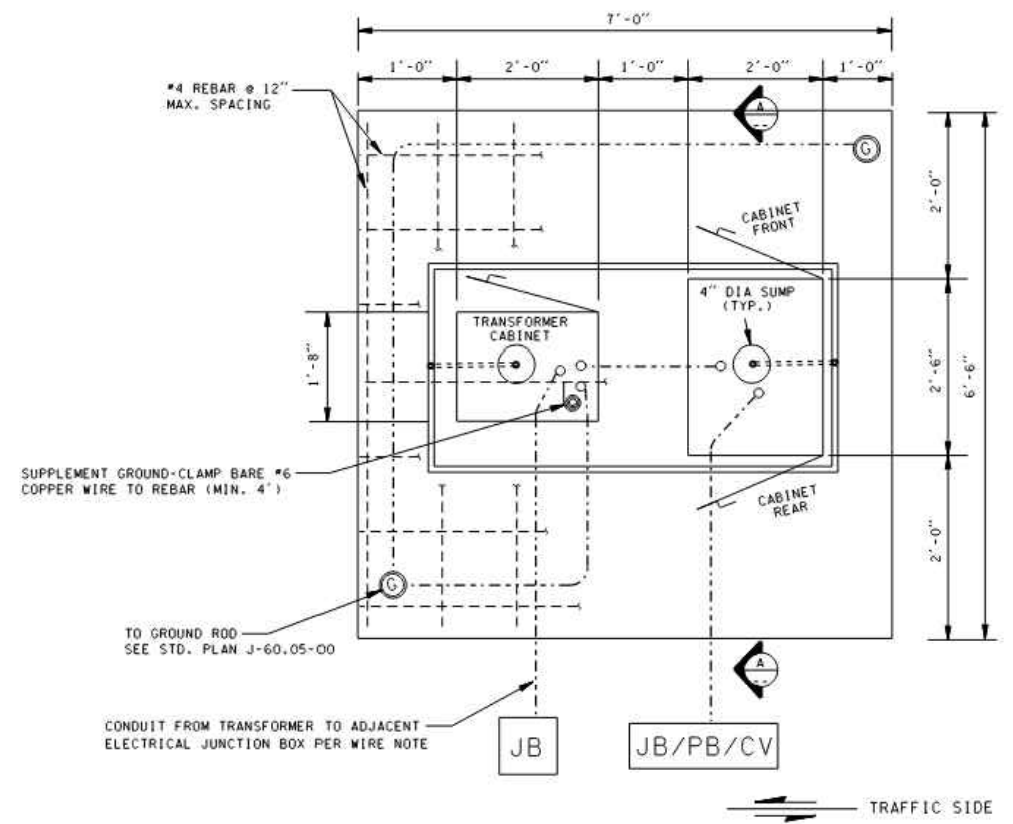
LYNNWOOD WASHINGTON

Drawn By S. DELAVARPOUR	Date 5/2023
Designed By E. BORGES	Date 5/2023
Checked By V. WEN	Date 5/2023
Approved By V. WEN	Date 5/2023

SCALE
Horiz
Vert
Project Number 20100156

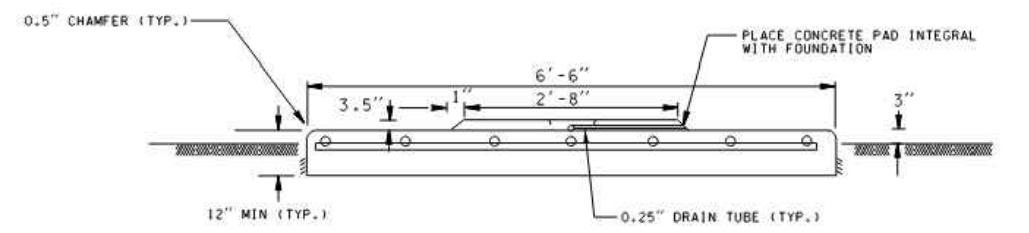
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
ITS DETAILS

Drawing No. ITD4
Sheet No. X
of Total of Total



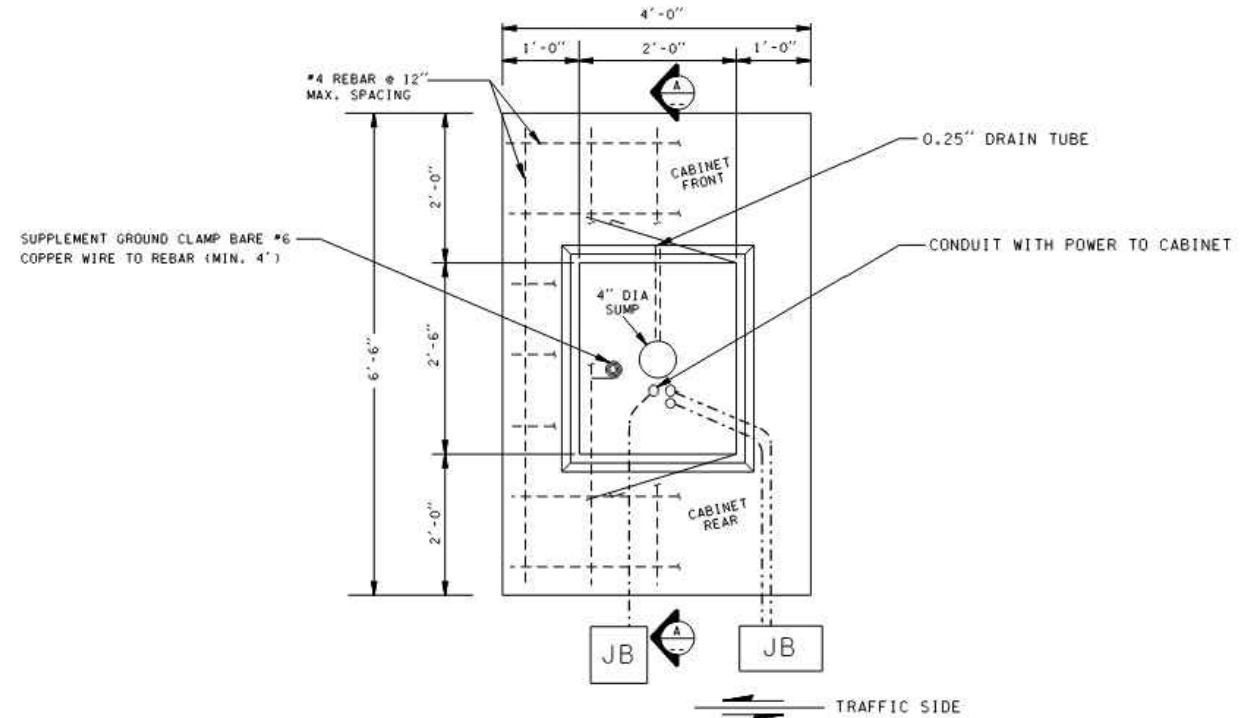
PLAN

TYPICAL SINGLE CABINET WITH TRANSFORMER FOUNDATION DETAIL



SECTION A-A

FOUNDATION DETAILS
NOT TO SCALE

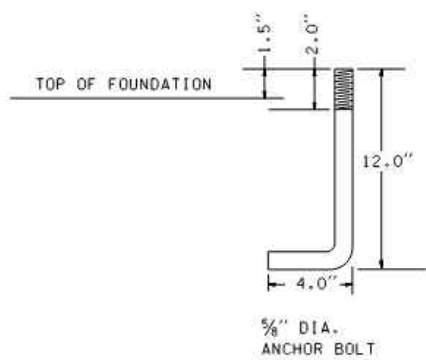


PLAN

TYPICAL SINGLE CABINET FOUNDATION DETAIL

NOTES:

1. INSTALL CONDUITS PER WIRE NOTES.
2. ALL REINFORCING STEEL SHALL HAVE A MIN. OF 2" CLEAR COVER.
3. CONDUITS TO BE CLUSTERED IN THE CABINETS AS SHOWN ON CABINET FOOTPRINT & CONDUIT PLACEMENT LOCATIONS DETAILS.
4. SLOPE FOUNDATION 0.25"/FT. TO THE EDGE.
5. SLOPE PADS 0.25"/FT. TO THE SUMP IN CENTER.
6. ALL CONDUITS SHALL HAVE A COUPLING FLUSH WITH THE SURFACE OF THE FOUNDATION AND A NIPPLE THAT EXTENDS 2" UP.
7. ALL CONDUITS SHALL BE HOT DIPPED GALVANIZED OR PVC.
8. USE SILICONE BEADED SEALANT AROUND CABINETS AND PAD.
9. BOLT PATTERN IS PROVIDED BY CABINET MANUFACTURER. BOLTS SHALL BE 5/8" DIA. AND EXTEND A MIN. OF 1.5" ABOVE CONCRETE PAD.
10. FOR EACH ADDITIONAL CABINET, ADD CABINET WIDTH PLUS 12" TO FOUNDATION WIDTH.
11. CONCRETE SHALL BE CLASS 3000.
12. ANY OTHER DIMENSION MUST BE APPROVED BY THE ENGINEER.
13. ALL ANCHOR BOLTS SHALL BE HOT DIPPED GALVANIZED. BOLT SHALL EXTEND A MIN. 1.5" ABOVE THE CONCRETE PAD.
14. JUNCTION BOXES SHALL BE SIZED AS SHOWN IN THE ITS PLAN SHEETS.



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CABINET FOUNDATION DETAILS

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Designed By E. BORGES	5/2023	Horiz
Checked By V. WEN	5/2023	Vert
Approved By V. WEN	5/2023	Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
ITS DETAILS

Drawing No. ITD5
Sheet No. X
of Total of 10

005xf18155		5.0 KVA		POWER FORM SERVICE: XXX		
I-5 MP 181.55				CIRCUIT		
ENCLOSURE: 20"(D)X48"(H)X24"(W)				480V-120V		
CIRCUIT NUMBER	DESCRIPTION	BREAKER RATING	BREAKER TYPE	VOLTAGE	AMP LOAD	KVA LOAD
	PRIMARY	15A	DPST	480	-	-
	SECONDARY MAIN	60A	SPST	120	-	-
1	090vc18155	20A	SPST	120	18.3	2.2
2		20A	SPST	120		
3		20A	SPST	120		
4		20A	SPST	120		
5		20A	SPST	120		
6	GFCI	20A	SPST	120	15.0	1.8
BUSWORK SHALL BE RATED AT 100 AMP MINIMUM		TRANSFORMER RATED LOAD			5.0	
		TRANSFORMER ACTUAL LOAD			4.0	

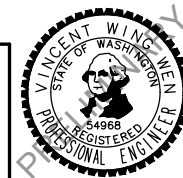
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TRANSFORMER SCHEDULE

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No.	Date	Revision	By	Appr.



Drawn By S. DELAVARPOUR Date 5/2023
Designed By E. BORGES Date 5/2023
Checked By V. WEN Date 5/2023
Approved By V. WEN Date 5/2023

SCALE
Horiz
Vert
Project Number 20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
ITS DETAILS

Drawing No. ITD6
Sheet No. X of Total

PLACEHOLDER

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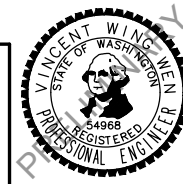
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WASHINGTON



Drawn By	Date
S. DELAVARPOUR	5/2023
Designed By	
E. BORGES	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

SCALE
Horiz
Vert
Project Number
20100156

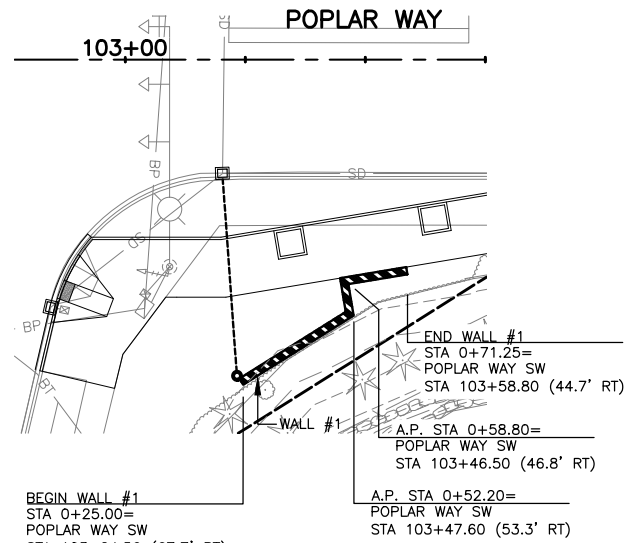
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE

ITS DETAILS

Drawing No.
ITD7
Sheet No.
X
of Total

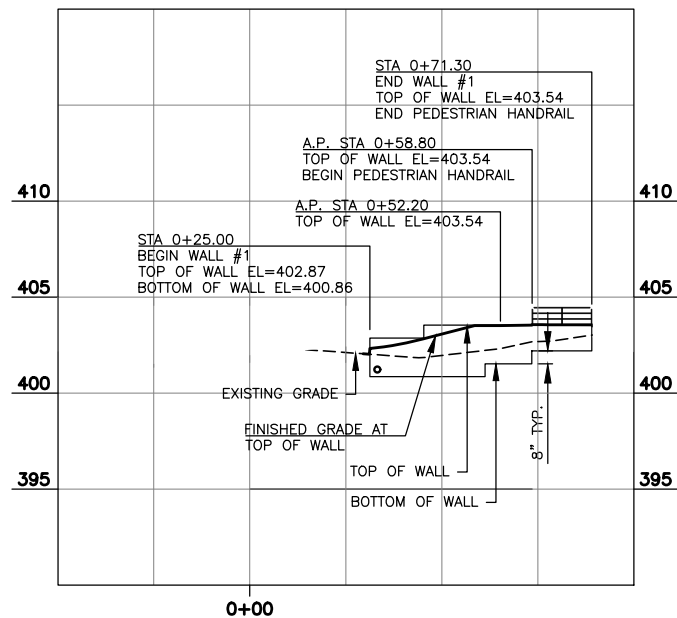
GENERAL NOTES:

1. SEE SPECIAL PROVISIONS 8-24 AND 6-13 FOR ADDITIONAL WALL DESIGN REQUIREMENTS.
2. ALL CONSTRUCTION MUST CONFORM TO WALL MANUFACTURER SPECIFICATIONS AND REQUIREMENTS.
3. ALL STATIONS AND OFFSETS ARE MEASURED TO THE FACE OF WALL. SEE WALL WORKING LINE ON WALL DETAILS.
4. REFERENCE DETAILS, SHEETS WD1-WD3 AND MD3.
5. CONNECT WALL UNDERDRAIN PIPE TO DRAINAGE STRUCTURE AS SHOWN ON DWG. NO. DR1-DR9. PROVIDE POSITIVE FLOW FROM WALL TO DRAINAGE STRUCTURE.
6. ELEVATIONS SHOWN ARE INFORMATIONAL ONLY. THE CONTRACTOR SHALL SUBMIT WALL PLANS THAT MEET THE REQUIREMENTS OF THE PLANS, SPECS AND MANUFACTURER, FOR APPROVAL BY THE ENGINEER.
7. FIELD VERIFY AND LOCATE ALL UTILITY CROSSINGS THROUGH, UNDER AND ADJACENT TO WALLS BEFORE BEGINNING CONSTRUCTION.



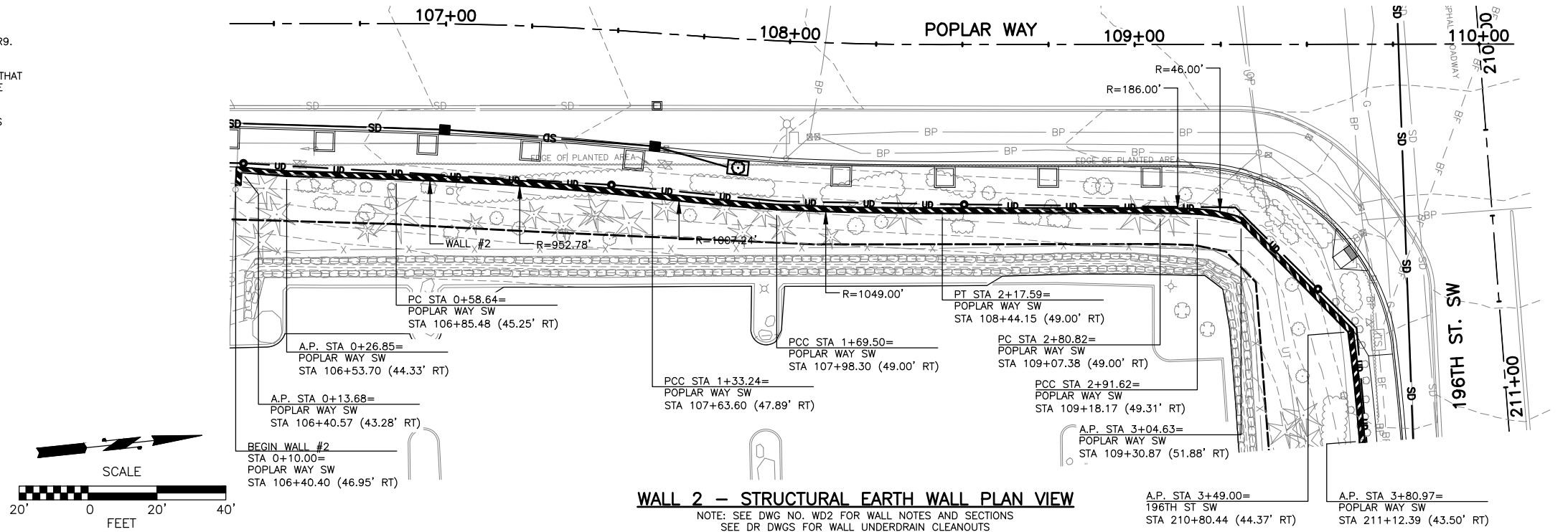
WALL 1 - GRAVITY BLOCK WALL PLAN VIEW

NOTE: SEE DWG NO. WD1 FOR WALL NOTES AND SECTIONS
SEE DR DWGS FOR WALL UNDERDRAIN CLEANOUTS



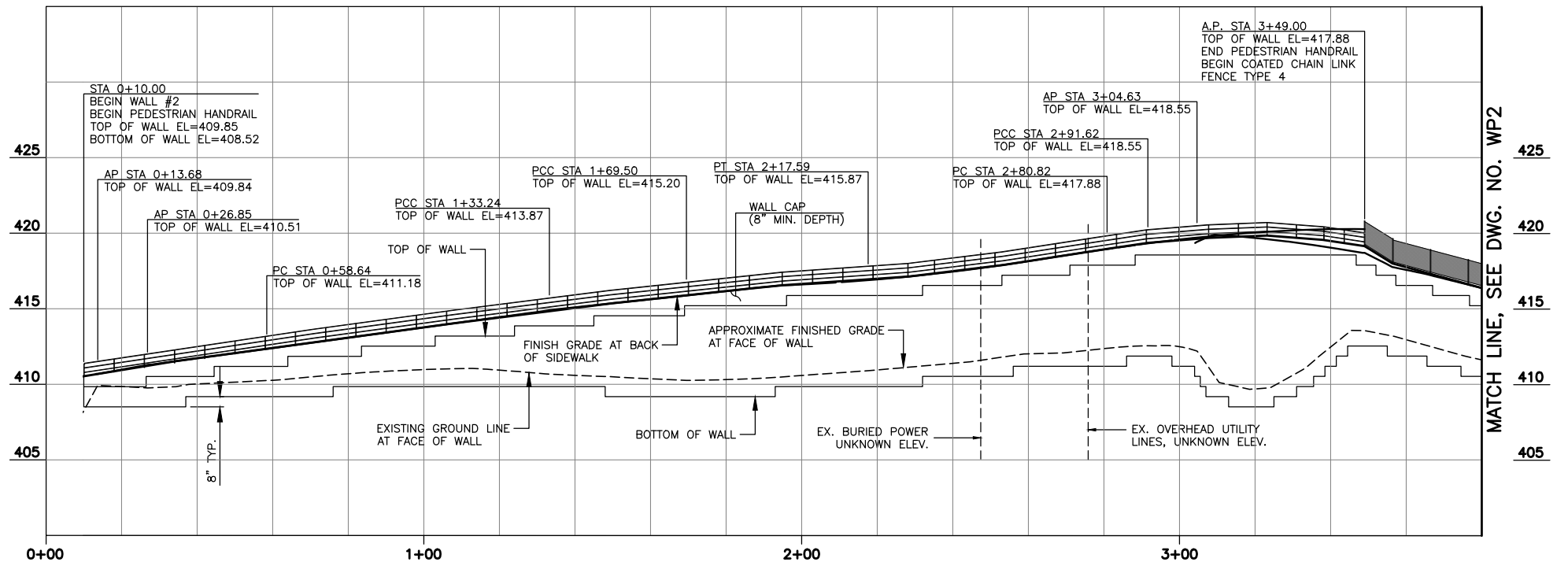
WALL 1 - POPLAR WAY-GRAVITY BLOCK WALL, SHEET RD1

SCALE: HORIZ: 1"=20'
VERT: 1"=5'



WALL 2 - STRUCTURAL EARTH WALL PLAN VIEW

NOTE: SEE DWG NO. WD2 FOR WALL NOTES AND SECTIONS
SEE DR DWGS FOR WALL UNDERDRAIN CLEANOUTS



WALL 2 - POPLAR WAY AND 196TH ST SW STRUCTURAL EARTH WALL, SHEETS RD1, RD2, & RD6

SCALE: HORIZ: 1"=20'
VERT: 1"=5'



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Designed By	
E. BORGES	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

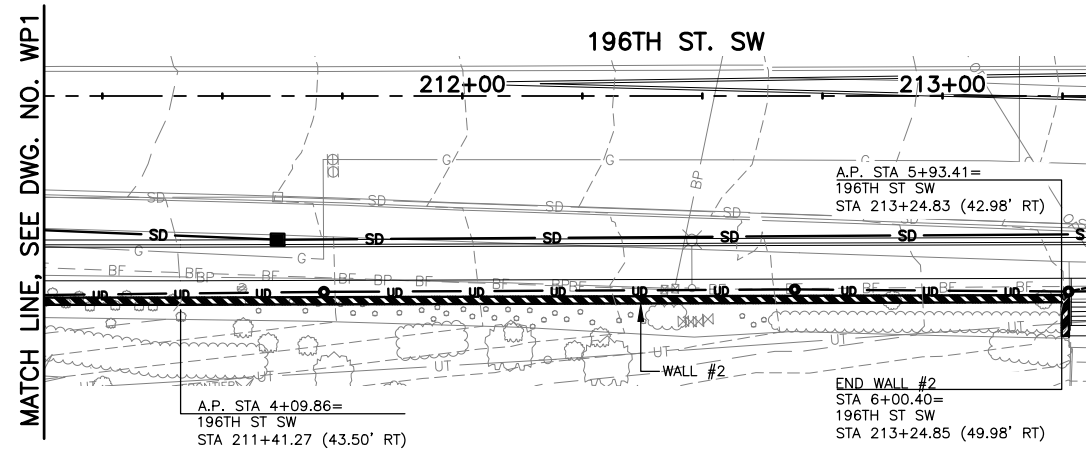
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Horiz	N/A
Vert	N/A
Project Number	20100156

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POPLAR WAY EXTENSION BRIDGE
WALL PLAN & PROFILE

Drawing No.	WP1
Sheet No.	X
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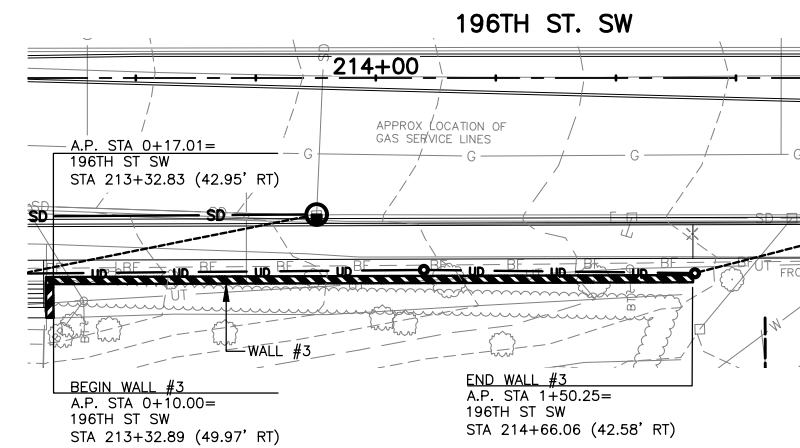
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2. ALL CONSTRUCTION MUST CONFORM TO WALL MANUFACTURER SPECIFICATIONS AND REQUIREMENTS.
3. ALL STATIONS AND OFFSETS ARE MEASURED TO THE FACE OF WALL. SEE WALL WORKING LINE ON WALL DETAILS.
4. REFERENCE DETAILS, SHEETS WD1-WD3 AND MD3.
5. CONNECT WALL UNDERDRAIN PIPE TO DRAINAGE STRUCTURE AS SHOWN ON DWG. NO. DR-DR9. PROVIDE POSITIVE FLOW FROM WALL TO DRAINAGE STRUCTURE.
6. ELEVATIONS SHOWN ARE INFORMATIONAL ONLY. THE CONTRACTOR SHALL SUBMIT WALL PLANS THAT MEET THE REQUIREMENTS OF THE PLANS, SPECS AND MANUFACTURER, FOR APPROVAL BY THE ENGINEER.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY AND LOCATE ALL UTILITY CROSSINGS THROUGH, UNDER AND ADJACENT TO WALLS.



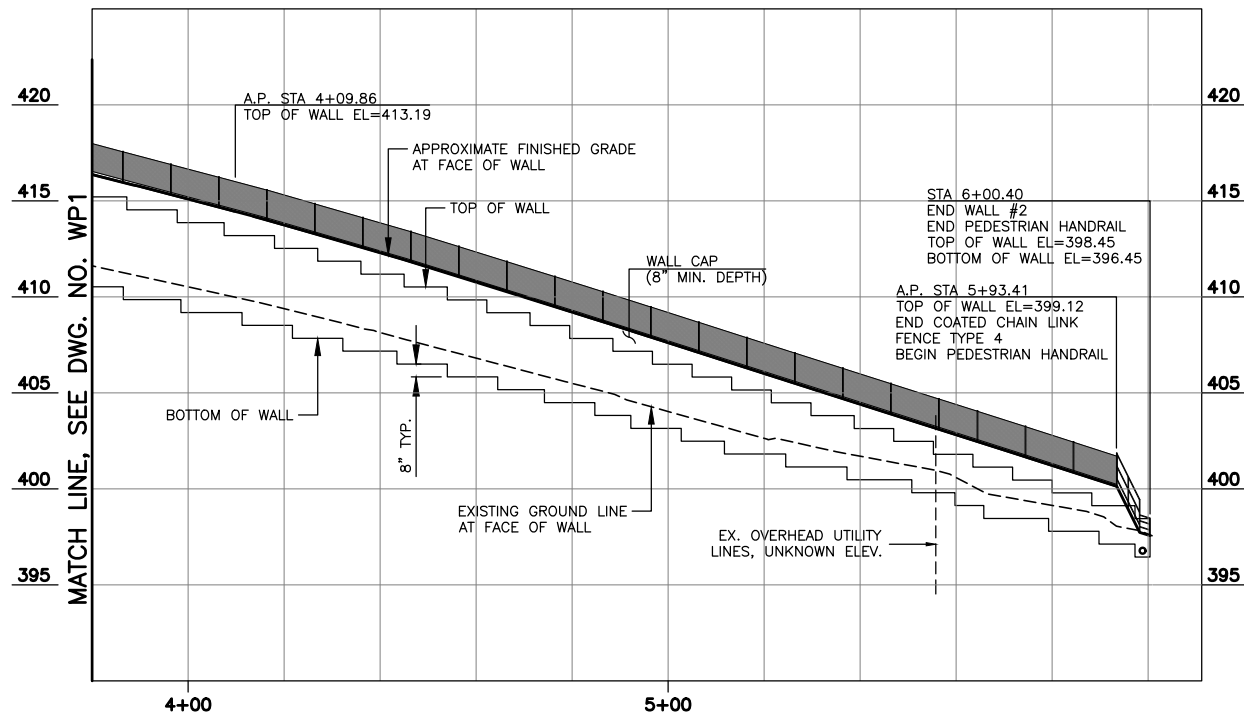
WALL 2 - STRUCTURAL EARTH WALL PLAN VIEW

NOTE: SEE DWG NO. WD2 FOR WALL NOTES AND SECTIONS
SEE DR DWGS FOR WALL UNDERDRAIN CLEANOUTS



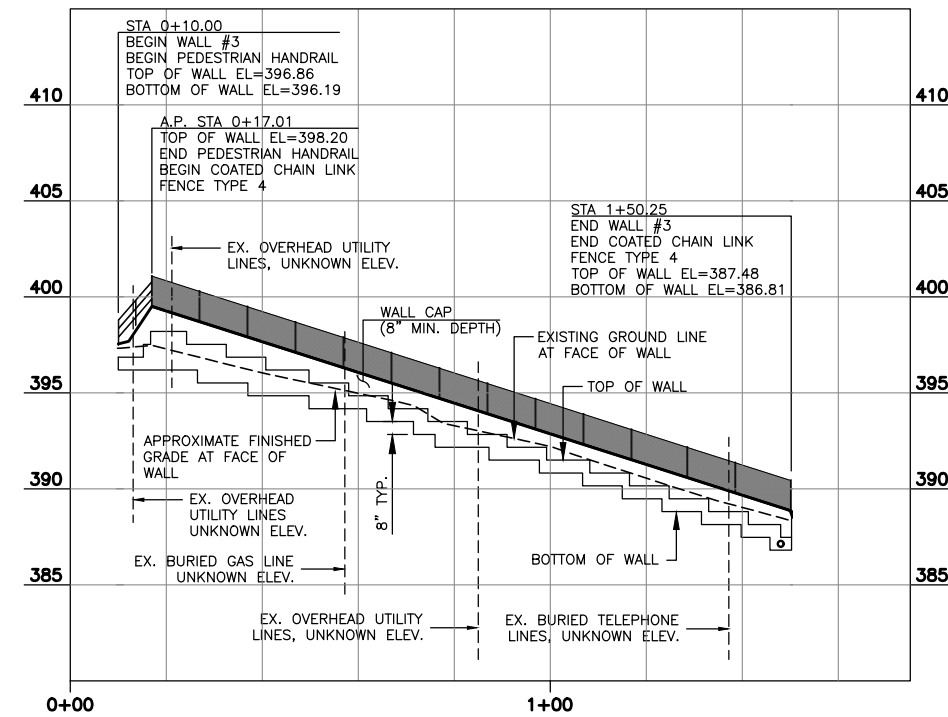
WALL 3 - GRAVITY BLOCK WALL PLAN VIEW

NOTE: SEE DWG NO. WD1 FOR WALL NOTES AND SECTIONS
SEE DR DWGS FOR WALL UNDERDRAIN CLEANOUTS



WALL 2- POPLAR WAY AND 196TH ST SW-STRUCTURAL EARTH WALL, SHEETS RD1, RD2, & RD6

SCALE: HORIZ: 1"=20'
VERT: 1"=5'



WALL 3 - 196TH ST SW-GRAVITY BLOCK WALL, SHEET RD6

SCALE: HORIZ: 1"=20'
VERT: 1"=5'



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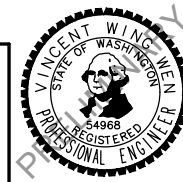
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S. DELAVARPOUR	5/2023
Designed By	
E. BORGES	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

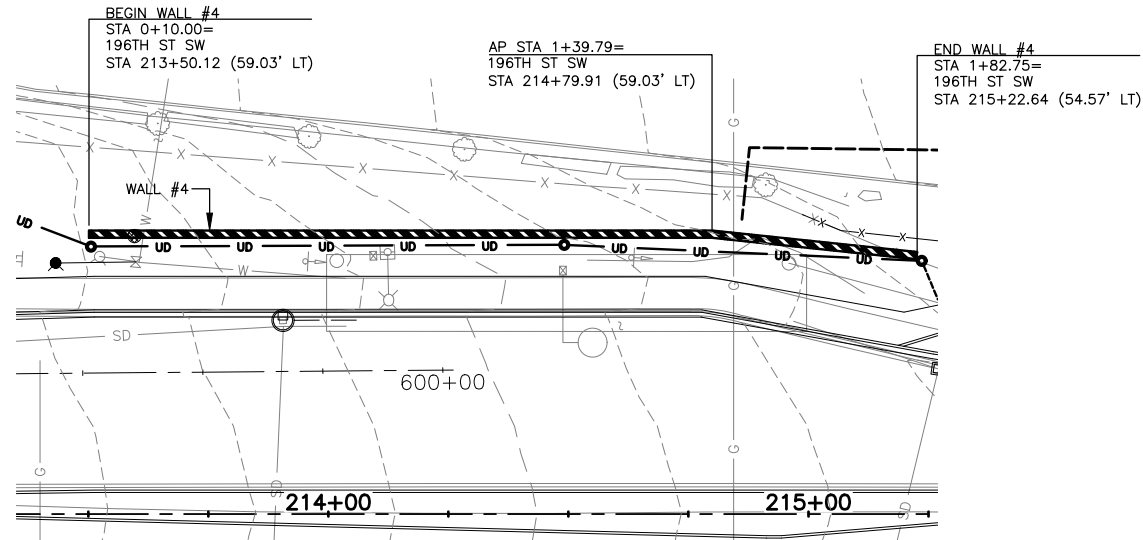
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Vert	N/A
Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
WALL PLAN & PROFILE

Drawing No.	WP2
Sheet No.	X
of Total	X

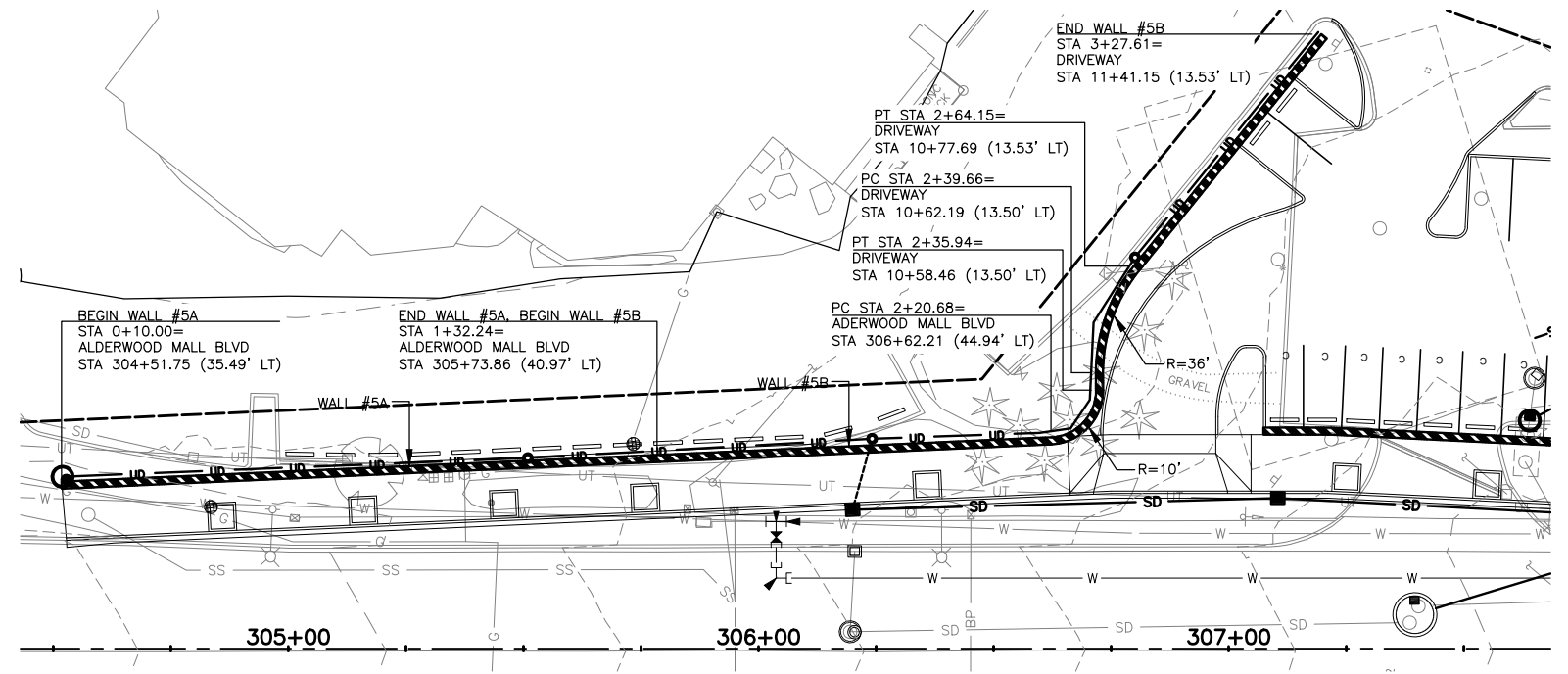
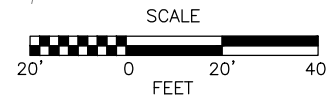
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4. REFERENCE DETAILS, SHEETS WD1-WD3 AND MD3.
5. CONNECT WALL UNDERDRAIN PIPE TO DRAINAGE STRUCTURE AS SHOWN ON DWG. NO. DR-DR9. PROVIDE POSITIVE FLOW FROM WALL TO DRAINAGE STRUCTURE.
6. ELEVATIONS SHOWN ARE INFORMATIONAL ONLY. THE CONTRACTOR SHALL SUBMIT WALL PLANS THAT MEET THE REQUIREMENTS OF THE PLANS, SPECS AND MANUFACTURER, FOR APPROVAL BY THE ENGINEER.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY AND LOCATE ALL UTILITY CROSSINGS THROUGH, UNDER AND ADJACENT TO WALLS.



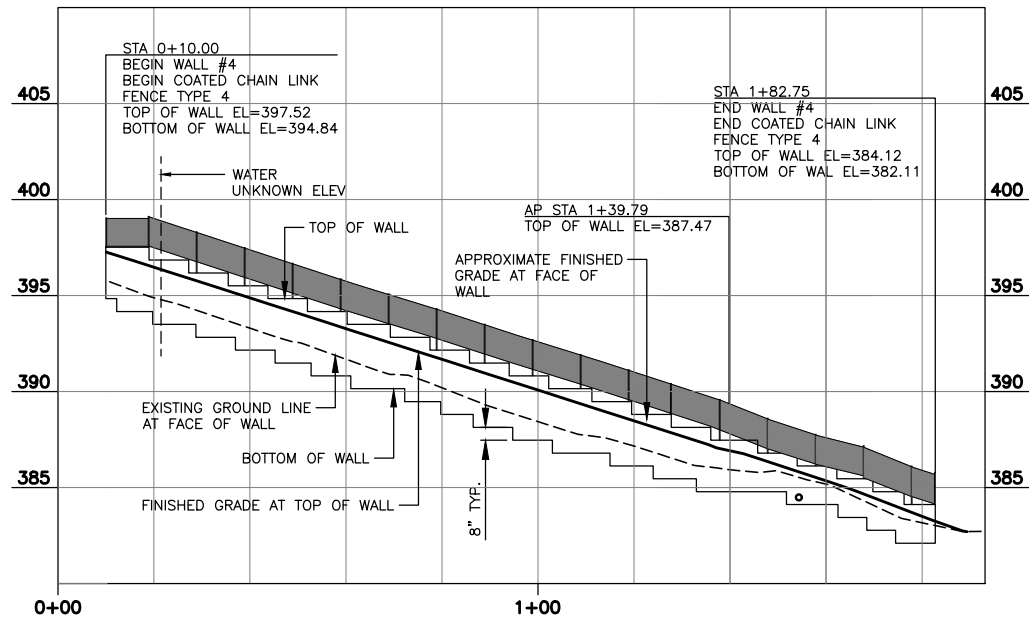
**196TH ST. SW
WALL 4 - GRAVITY BLOCK WALL PLAN VIEW**

NOTE: SEE DWG NO. WD1 FOR WALL NOTES AND SECTIONS
SEE DR DWGS FOR WALL UNDERDRAIN CLEANOUTS



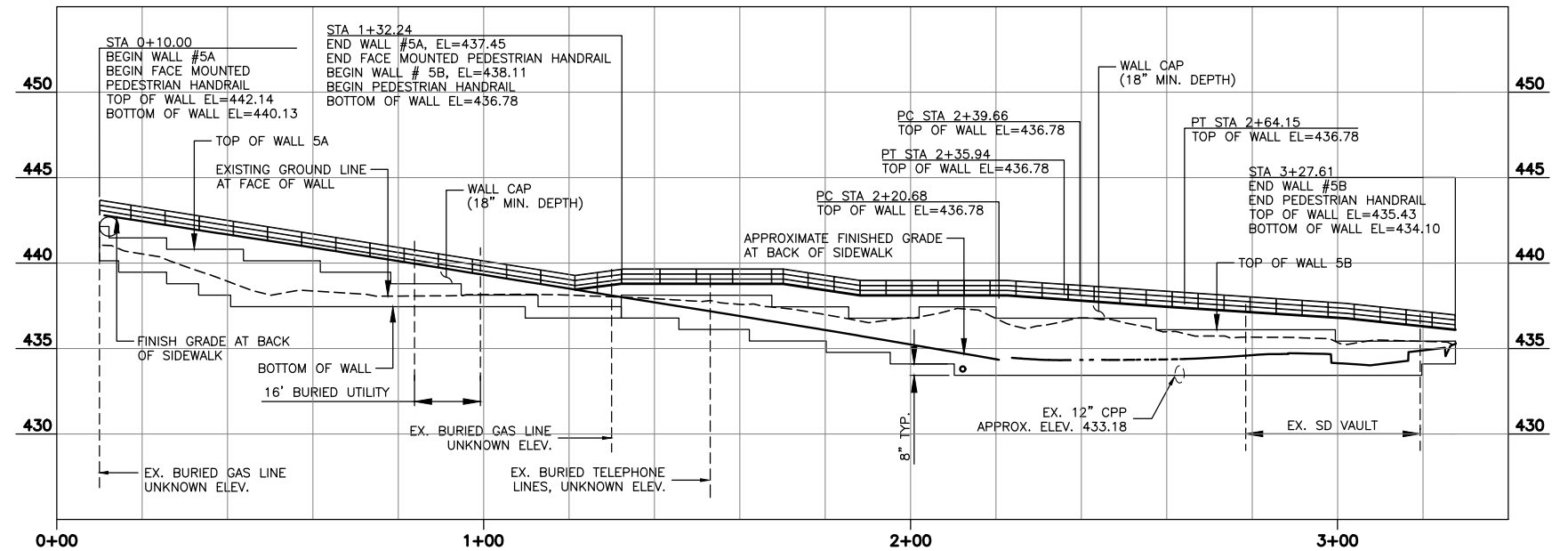
**ALDERWOOD MALL BLVD
WALL 5A AND 5B - GRAVITY BLOCK WALL PLAN VIEW**

NOTE: SEE DWG NO. WD1 FOR WALL NOTES AND SECTIONS
SEE DR DWGS FOR WALL UNDERDRAIN CLEANOUTS



WALL 4 - 196TH ST SW-GRAVITY BLOCK WALL, SHEET RD6

SCALE: HORIZ: 1"=20'
VERT: 1"=5'



WALLS 5A AND 5B - ALDERWOOD MALL BLVD-GRAVITY BLOCK WALLS, SHEET RD7

SCALE: HORIZ: 1"=20'
VERT: 1"=5'

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Drawn By S. DELAVARPOUR	Date 5/2023
Designed By E. BORGES	Date 5/2023
Checked By V. WEN	Date 5/2023
Approved By V. WEN	Date 5/2023

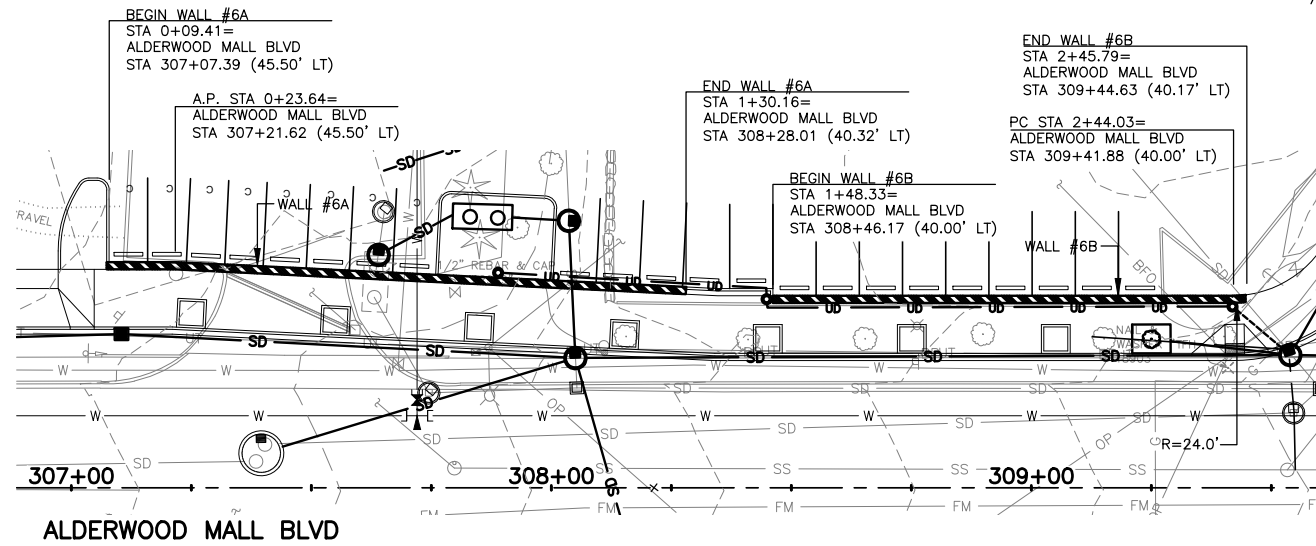
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Horiz	N/A
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Project Number	20100156

CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
WALL PLAN & PROFILE

Drawing No. WP3
Sheet No. X
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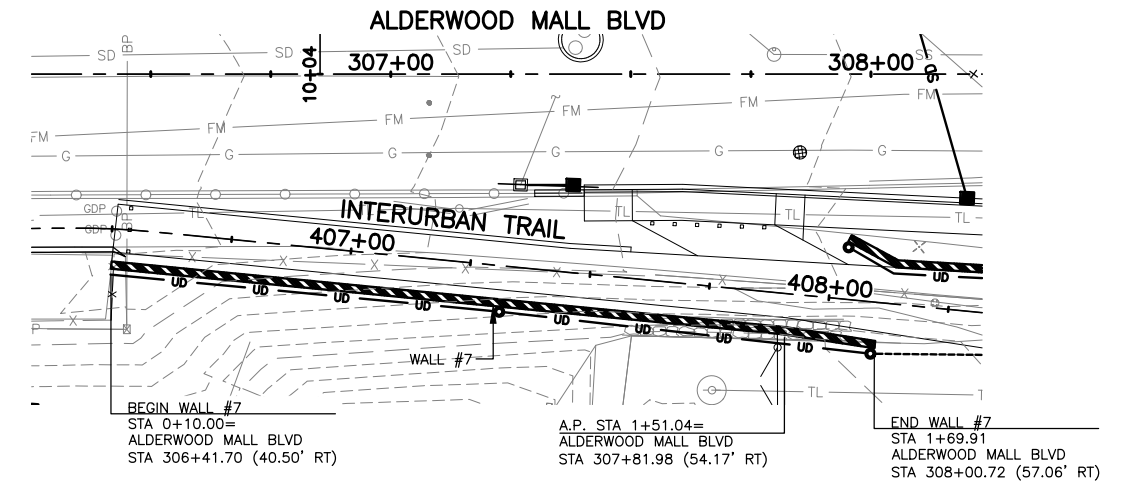
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4. REFERENCE DETAILS, SHEETS WD1-WD3 AND MD3.
5. CONNECT WALL UNDERDRAIN PIPE TO DRAINAGE STRUCTURE AS SHOWN ON DWG. NO. DR-DR9. PROVIDE POSITIVE FLOW FROM WALL TO DRAINAGE STRUCTURE.
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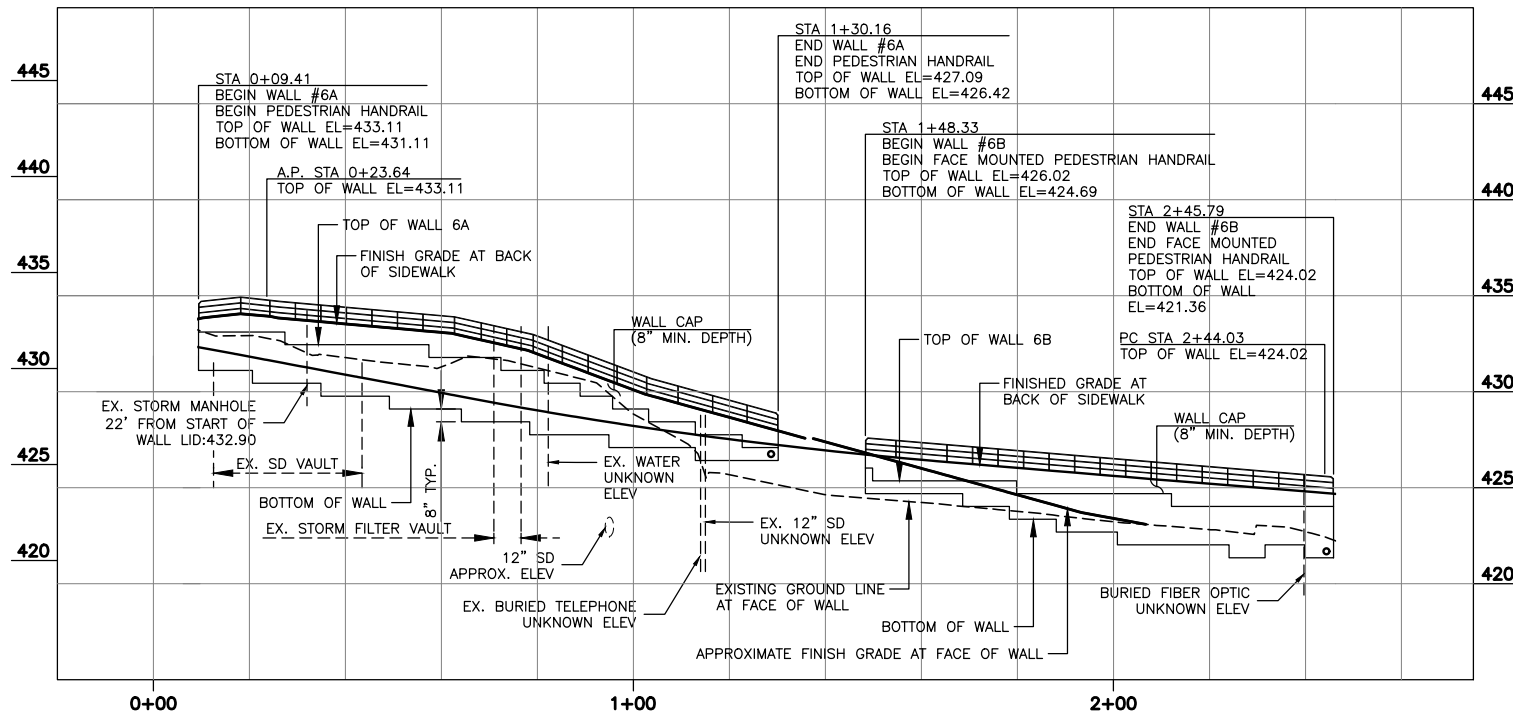
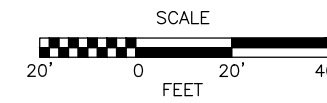
WALL 6A AND 6B - GRAVITY BLOCK WALL PLAN VIEW

NOTE: SEE DWG NO. WD1 FOR WALL NOTES AND SECTIONS
SEE DR DWGS FOR WALL UNDERDRAIN CLEANOUTS



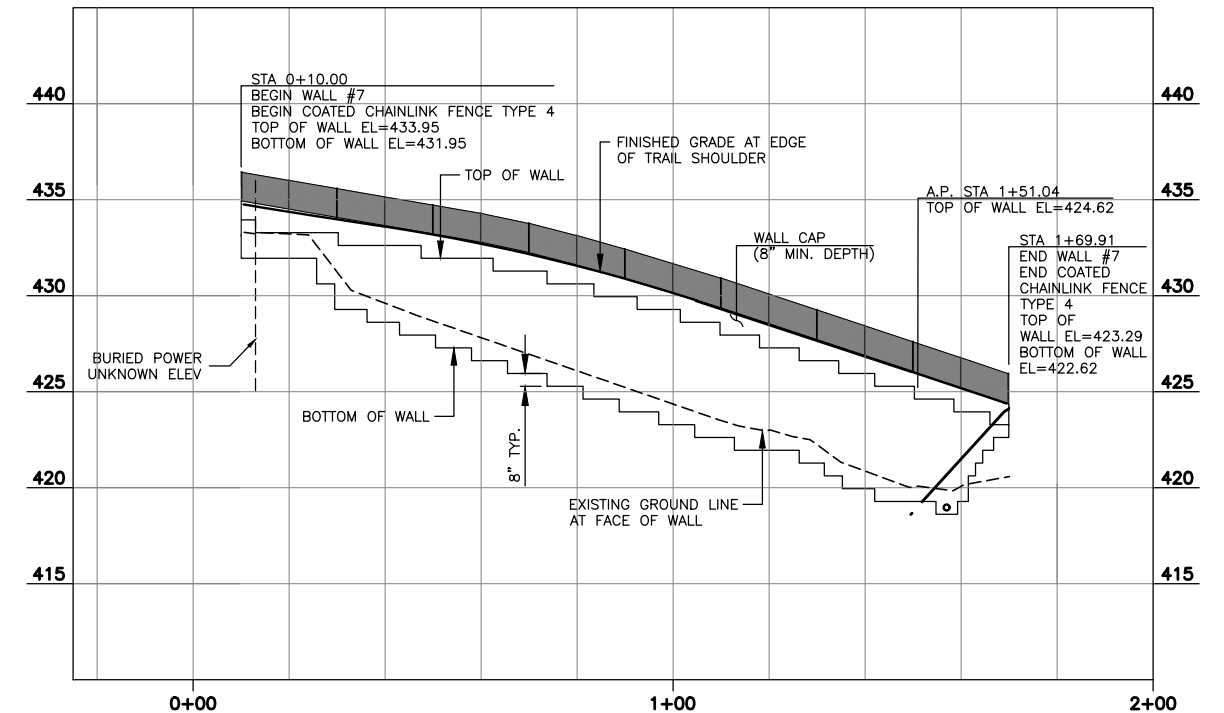
WALL 7 - STRUCTURAL EARTH WALL PLAN VIEW

NOTE: SEE DWG NO. WD2 FOR WALL NOTES AND SECTIONS
SEE DR DWGS FOR WALL UNDERDRAIN CLEANOUTS



WALLS 6A & 6B - ALDERWOOD MALL BLVD-GRAVITY BLOCK WALLS, SHEETS RD4 & RD7

SCALE: HORIZ: 1"=20'
VERT: 1"=5'



WALL 7 - INTERURBAN TRAIL-STRUCTURAL EARTH WALL, SHEET RD7

SCALE: HORIZ: 1"=20'
VERT: 1"=5'

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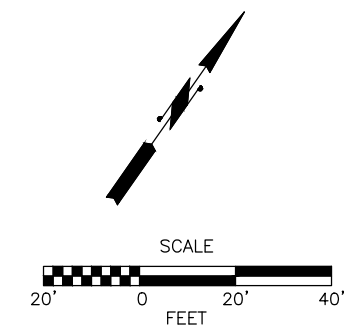
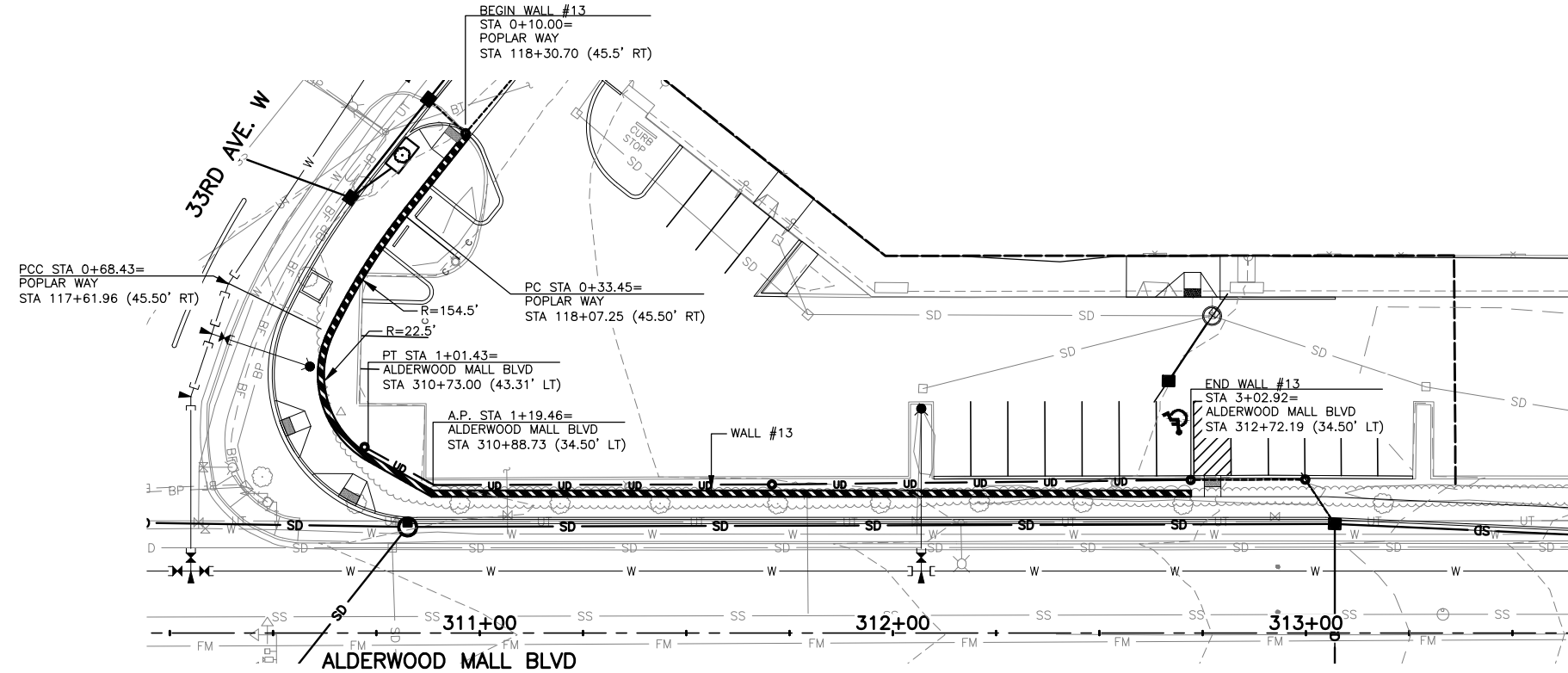


Drawn By	Date
S. DELAVARPOUR	5/2023
Designed By	
E. BORGES	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

SCALE	
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Project Number	20100156

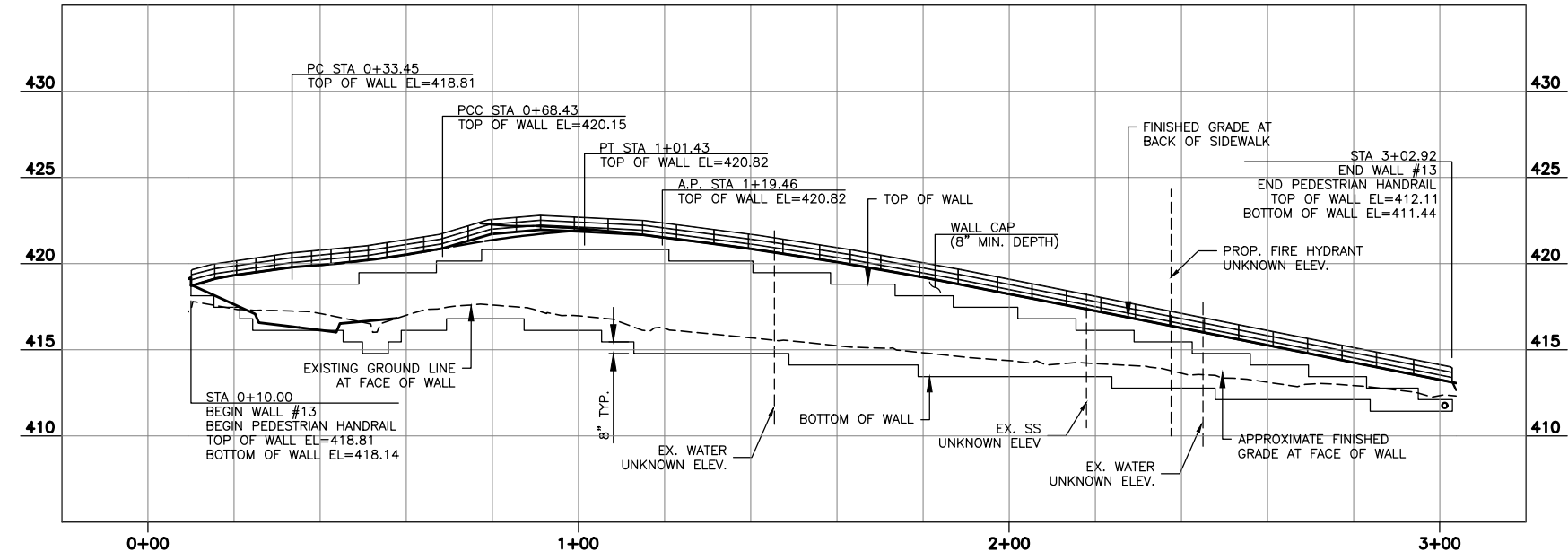
CITY OF LYNNWOOD
POPLAR WAY EXTENSION BRIDGE
WALL PLAN & PROFILE

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Sheet No.	X
of Total	X



WALL 13 - STRUCTURAL EARTH WALL PLAN VIEW

NOTE: SEE DWG NO. WD2 FOR WALL NOTES AND SECTIONS
SEE DR DWGS FOR WALL UNDERDRAIN CLEANOUTS



WALL 13 - ALDERWOOD MALL BLVD-SEW WALL, SHEETS RD4 & RD8

SCALE: HORZ: 1"=20'
VERT: 1"=5'

GENERAL NOTES:

1. SEE SPECIAL PROVISIONS 8-24 AND 6-13 FOR ADDITIONAL WALL DESIGN REQUIREMENTS.
2. ALL CONSTRUCTION MUST CONFORM TO WALL MANUFACTURER SPECIFICATIONS AND REQUIREMENTS.
3. ALL STATIONS AND OFFSETS ARE MEASURED TO THE FACE OF WALL. SEE WALL WORKING LINE ON WALL DETAILS.
4. REFERENCE DETAILS, SHEETS WD1-WD3 AND MD3.
5. CONNECT WALL UNDERDRAIN PIPE TO DRAINAGE STRUCTURE AS SHOWN ON DWG. NO. DR-DR9. PROVIDE POSITIVE FLOW FROM WALL TO DRAINAGE STRUCTURE.
6. ELEVATIONS SHOWN ARE INFORMATIONAL ONLY. THE CONTRACTOR SHALL SUBMIT WALL PLANS THAT MEET THE REQUIREMENTS OF THE PLANS, SPECS AND MANUFACTURER, FOR APPROVAL BY THE ENGINEER.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY AND LOCATE ALL UTILITY CROSSINGS THROUGH, UNDER AND ADJACENT TO WALLS.

May 09, 2023 12:41 pm senn.delavarpour X:\Lynnwood_City of\Projects\20100156 - Poplar Way Extension Bridge\CADD_v.2014\Plan Sheets\20100156 WP.dwg Layout Name: WP5



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S. DELAVARPOUR	5/2023
Designed By	
E. BORGES	5/2023
Checked By	
V. WEN	5/2023
Approved By	
V. WEN	5/2023

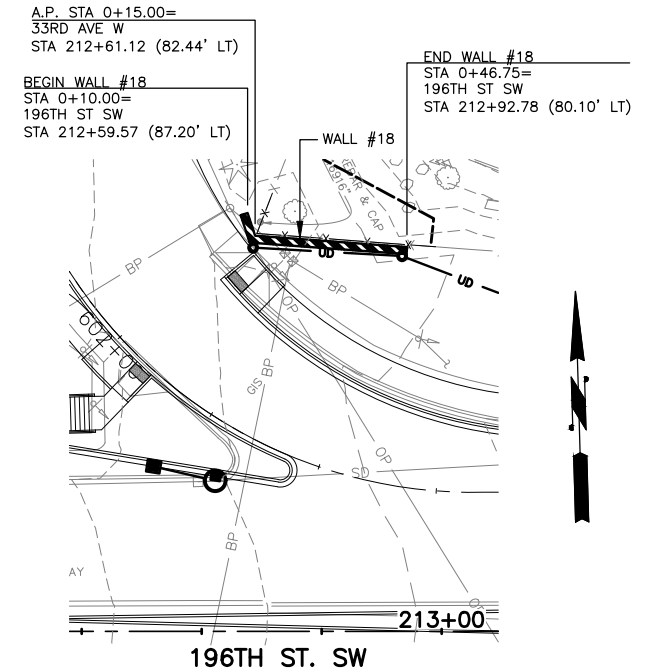
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Horiz	N/A
Vert	N/A
Project Number	20100156

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POPLAR WAY EXTENSION BRIDGE
WALL PLAN & PROFILE

Drawing No.	WP5
Sheet No.	X
of Total	X

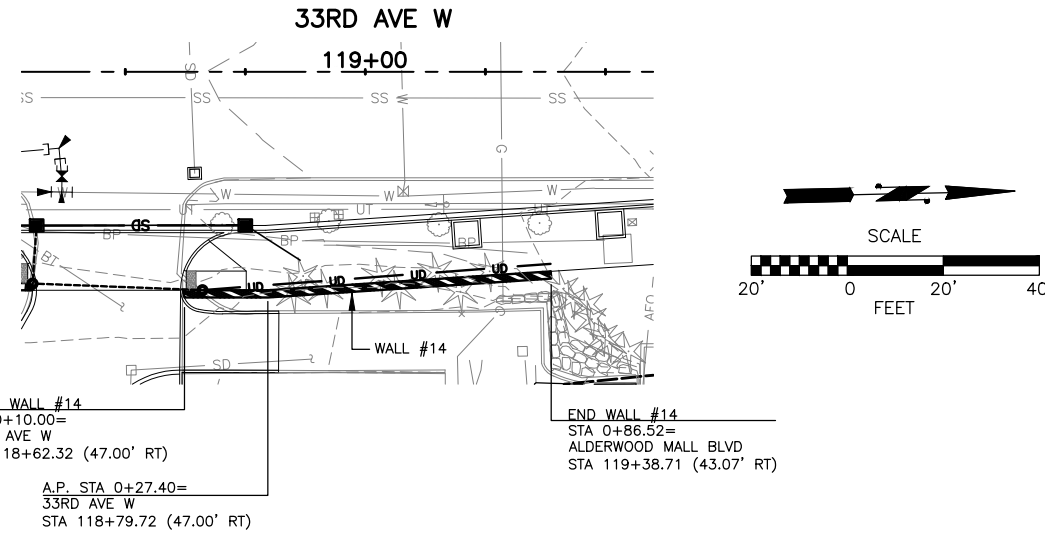
GENERAL NOTES:

1. SEE SPECIAL PROVISIONS 8-24 AND 6-13 FOR ADDITIONAL WALL DESIGN REQUIREMENTS.
2. ALL CONSTRUCTION MUST CONFORM TO WALL MANUFACTURER SPECIFICATIONS AND REQUIREMENTS.
3. ALL STATIONS AND OFFSETS ARE MEASURED TO THE FACE OF WALL. SEE WALL WORKING LINE ON WALL DETAILS.
4. REFERENCE DETAILS, SHEETS WD1-WD3 AND MD3.
5. CONNECT WALL UNDERDRAIN PIPE TO DRAINAGE STRUCTURE AS SHOWN ON DWG. NO. DR-DR9. PROVIDE POSITIVE FLOW FROM WALL TO DRAINAGE STRUCTURE.
6. ELEVATIONS SHOWN ARE INFORMATIONAL ONLY. THE CONTRACTOR SHALL SUBMIT WALL PLANS THAT MEET THE REQUIREMENTS OF THE PLANS, SPECS AND MANUFACTURER, FOR APPROVAL BY THE ENGINEER.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY AND LOCATE ALL UTILITY CROSSINGS THROUGH, UNDER AND ADJACENT TO WALLS.



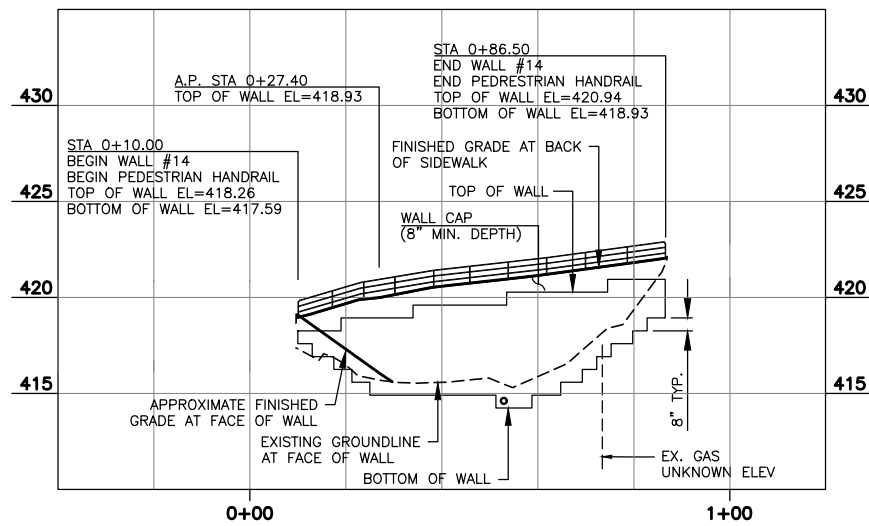
WALL 18 - GRAVITY BLOCK WALL PLAN VIEW

NOTE: SEE DWG NO. WD1 FOR WALL NOTES AND SECTIONS
SEE DR DWGS FOR WALL UNDERDRAIN CLEANOUTS



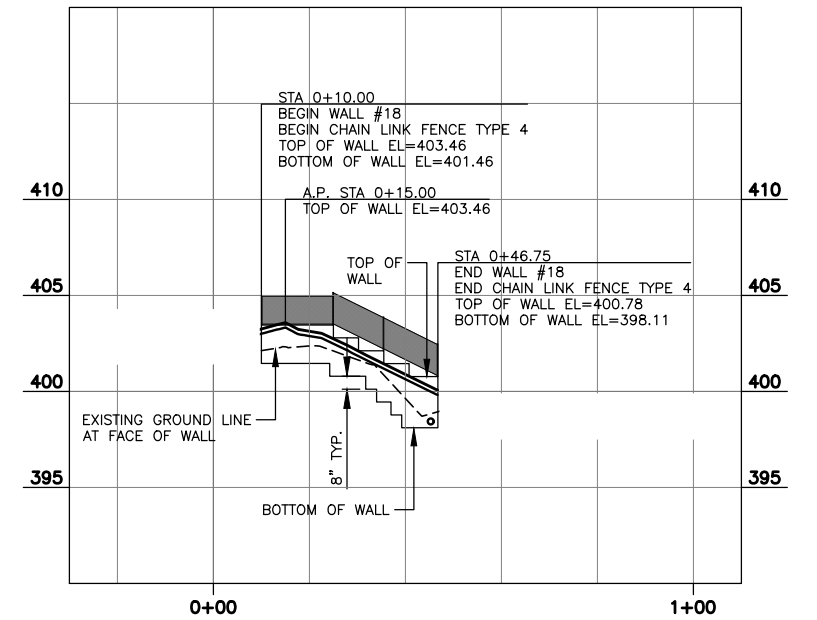
WALL 14 - STRUCTURAL EARTH WALL PLAN VIEW

NOTE: SEE DWG NO. WD2 FOR WALL NOTES AND SECTIONS
SEE DR DWGS FOR WALL UNDERDRAIN CLEANOUTS



WALL 14 - 33RD AVE W-STRUCTURAL EARTH WALL, SHEET RD5

SCALE: HORZ: 1"=20'
VERT: 1"=5'



WALL 18 - 196TH ST SW-GRAVITY BLOCK WALL, SHEET RD6

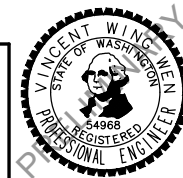
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Designed By	E. BORGES		
Checked By	V. WEN		
Approved By	V. WEN		

SCALE	
Horiz	N/A
Vert	N/A
Project Number	20100156

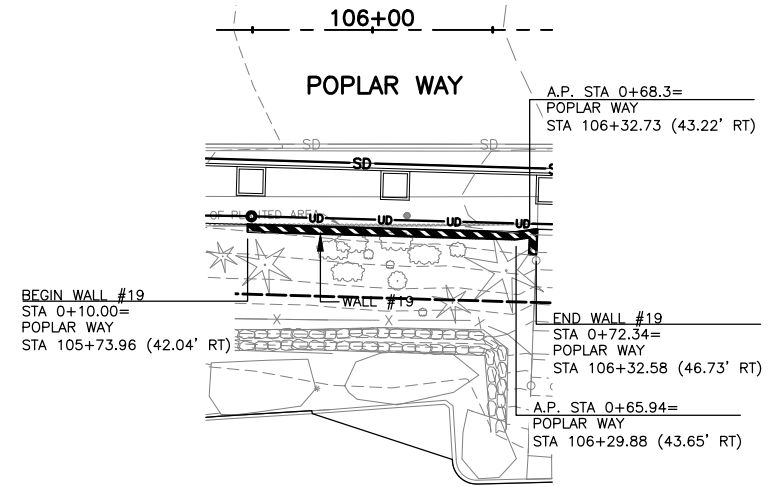
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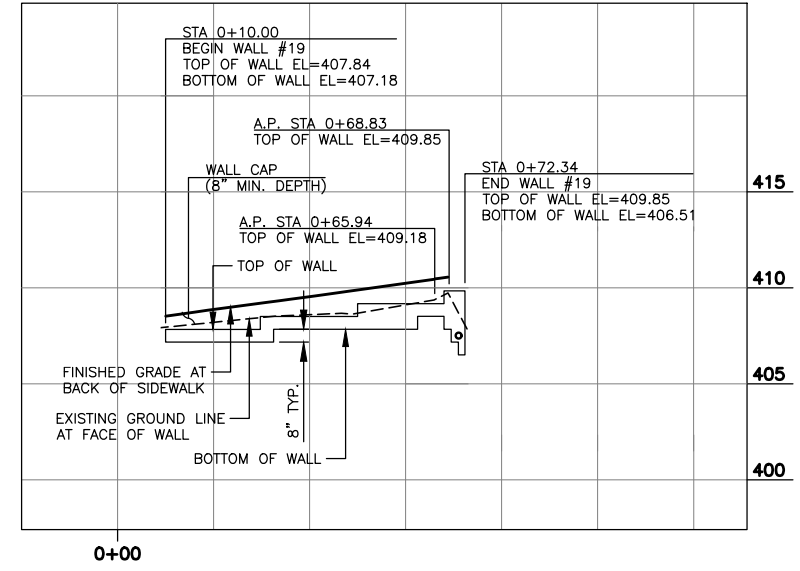
GENERAL NOTES:

1. SEE SPECIAL PROVISIONS 8-24 AND 6-13 FOR ADDITIONAL WALL DESIGN REQUIREMENTS.
2. ALL CONSTRUCTION MUST CONFORM TO WALL MANUFACTURER SPECIFICATIONS AND REQUIREMENTS.
3. ALL STATIONS AND OFFSETS ARE MEASURED TO THE FACE OF WALL. SEE WALL WORKING LINE ON WALL DETAILS.
4. REFERENCE DETAILS, SHEETS WD1-WD3 AND MD3.
5. CONNECT WALL UNDERDRAIN PIPE TO DRAINAGE STRUCTURE AS SHOWN ON DWG. NO. DR-DR9. PROVIDE POSITIVE FLOW FROM WALL TO DRAINAGE STRUCTURE.
6. ELEVATIONS SHOWN ARE INFORMATIONAL ONLY. THE CONTRACTOR SHALL SUBMIT WALL PLANS THAT MEET THE REQUIREMENTS OF THE PLANS, SPECS AND MANUFACTURER, FOR APPROVAL BY THE ENGINEER.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY AND LOCATE ALL UTILITY CROSSINGS THROUGH, UNDER AND ADJACENT TO WALLS.



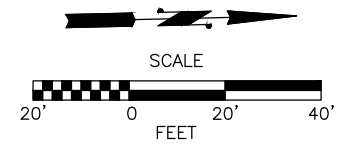
WALL 19 - STRUCTURAL EARTH WALL PLAN VIEW

NOTE: SEE DWG NO. WD2 FOR WALL NOTES AND SECTIONS
SEE DR DWGS FOR WALL UNDERDRAIN CLEANOUTS



WALL 19 - POPLAR WAY-STRUCTURAL EARTH WALL, SHEETS RD1

SCALE: HORZ: 1"=20'
VERT: 1"=5'



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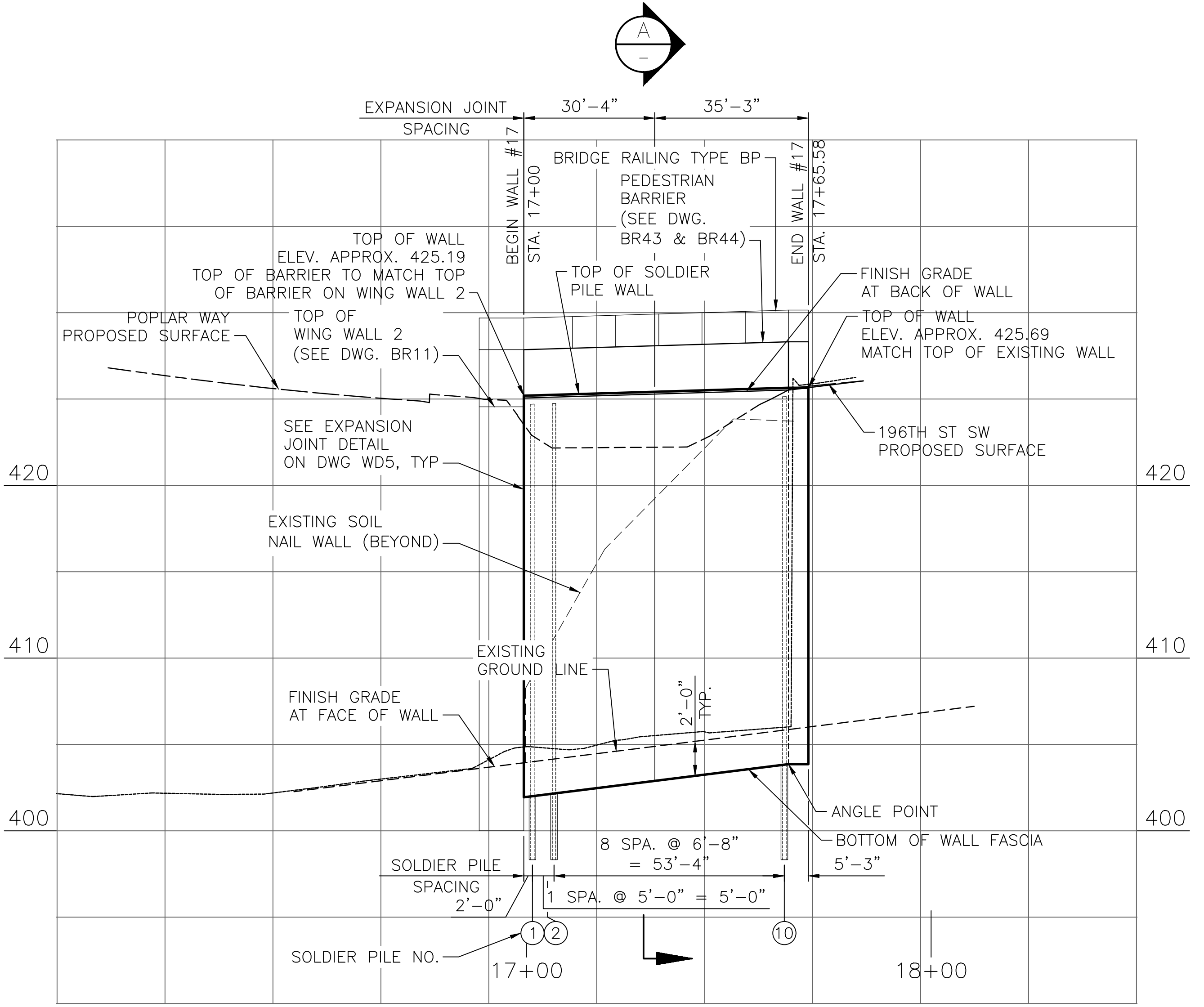
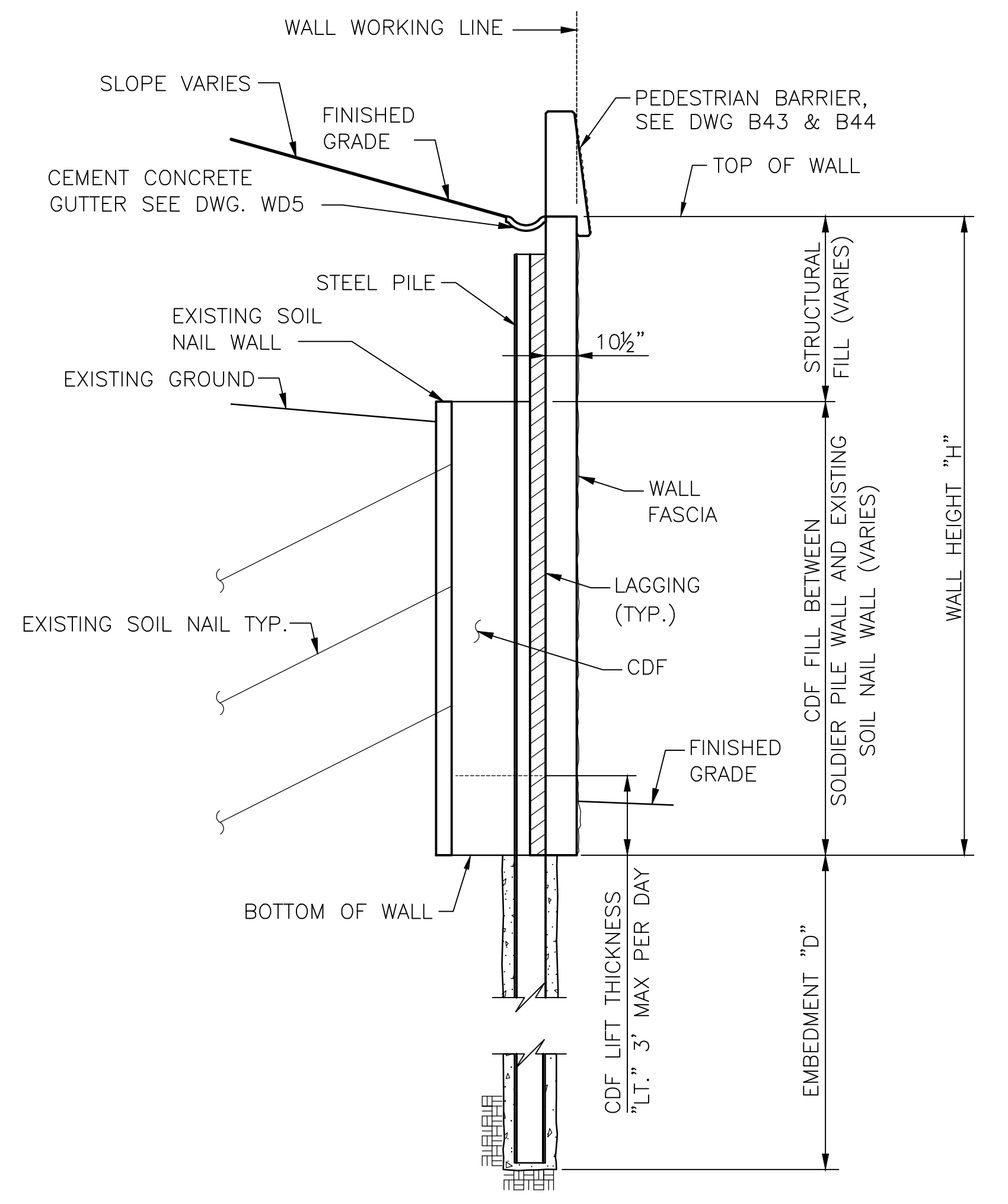
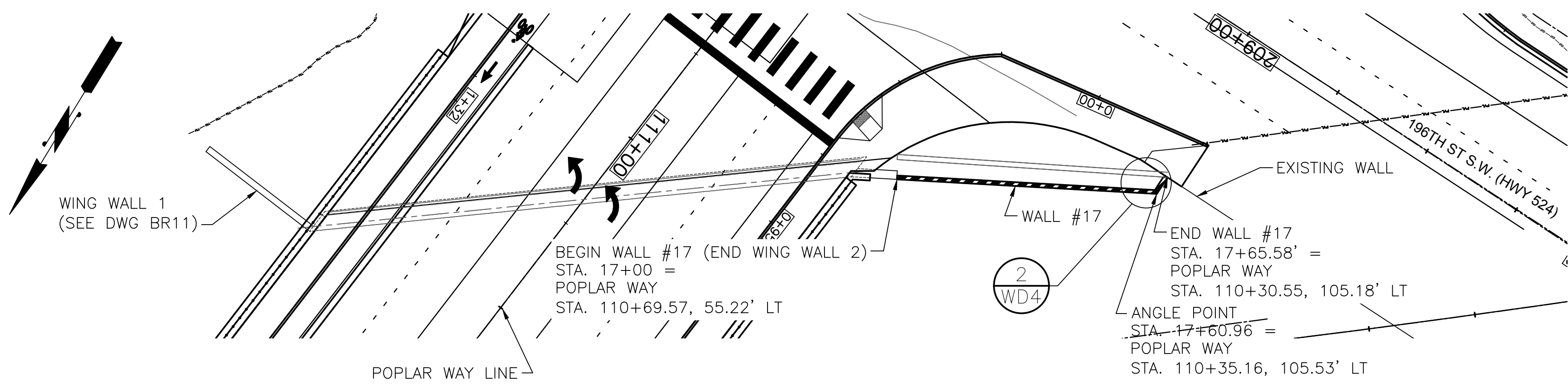


Drawn By	S. DELAVARPOUR	Date	5/2023
Designed By	E. BORGES	Checked By	V. WEN
Checked By	V. WEN	Approved By	V. WEN
Project Number	20100156		

SCALE	Horiz	N/A
	Vert	N/A

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POPLAR WAY EXTENSION BRIDGE
WALL PLAN & PROFILE

Drawing No.	WP7
Sheet No.	X
of Total	X



SECTION A

FOR INFORMATION AND DIMENSIONS NOT SHOWN HERE, SEE SOLDIER PILE WALL DETAILS ON DWG. WD4 AND WD5.

- NOTES:**
1. FOR WALL SCHEDULE AND GENERAL NOTES, SEE DWG. WD4.
 2. FOR WALL LOCATION SEE DWG. RD2.
 3. TOP OF WALL ELEVATIONS ARE APPROXIMATE AND SHOULD BE COORDINATED WITH FINAL GRADING PLANS PRIOR TO WALL CONSTRUCTION. REVISION TO TOP OF WALL ELEVATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO WALL CONSTRUCTION.
 4. ALL STATIONS AND OFFSETS ARE MEASURED TO THE FACE OF WALL. SEE WORKING LINE ON WALL DETAILS.
 5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY AND LOCATE ALL UTILITY CROSSINGS THROUGH, UNDER AND ADJACENT TO WALLS.
 6. SEE DR DWGS FOR WALL UNDERDRAIN CLEANOUTS.

WALL 17 - 196TH ST SW AND POPLAR WAY SOLDIER PILE WALL, DWG. RD2

SCALE: HORZ: 1"=20'
VERT: 1"=5'

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UTILITIES UNDERGROUND LOCATION CENTER

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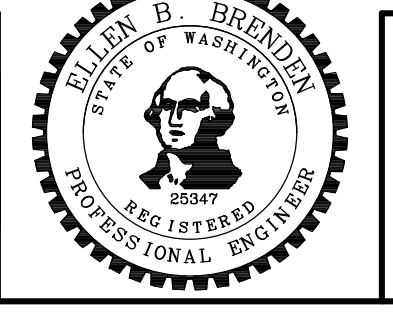
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HNTB Corporation
777 108th Avenue NE
Suite 1000
Bellevue, WA 98004
(425) 455-3555

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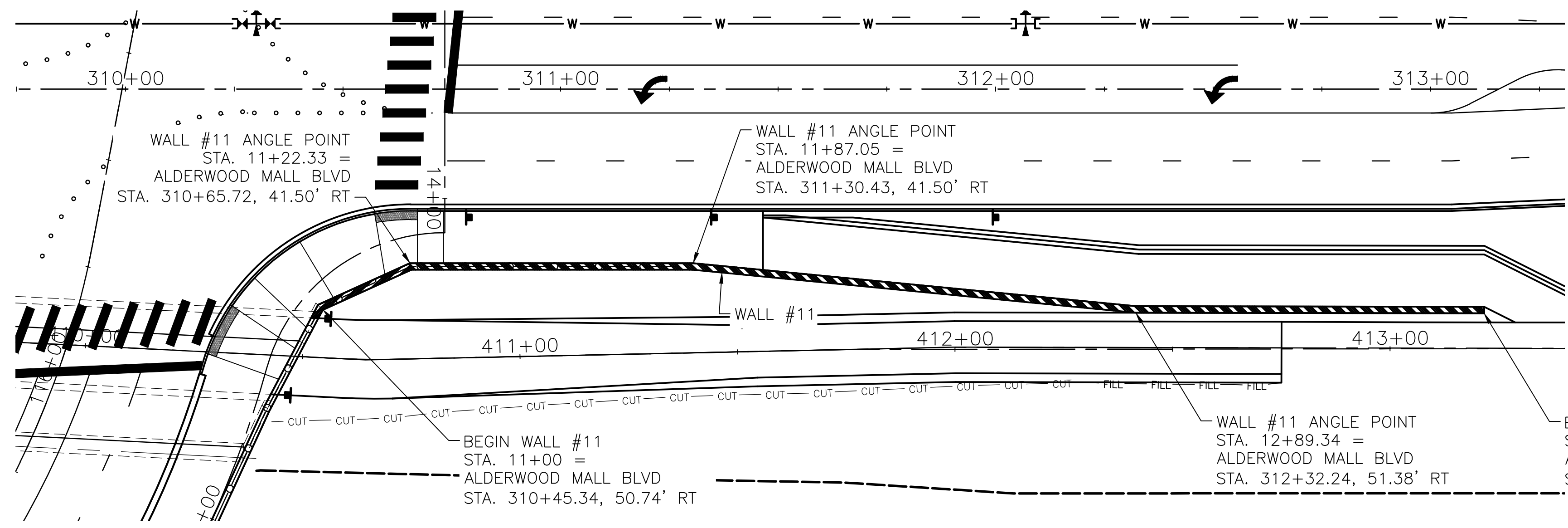
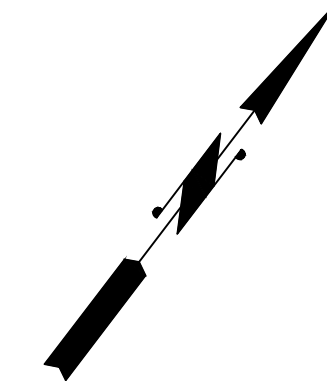


Drawn By ADH	Date 4/3/23	SCALE Horiz 1"=20'-0" Vert 1"=5'-0" Project Number 20100156
Designed By GV	4/3/23	
Checked By EBB	4/3/23	
Approved By		

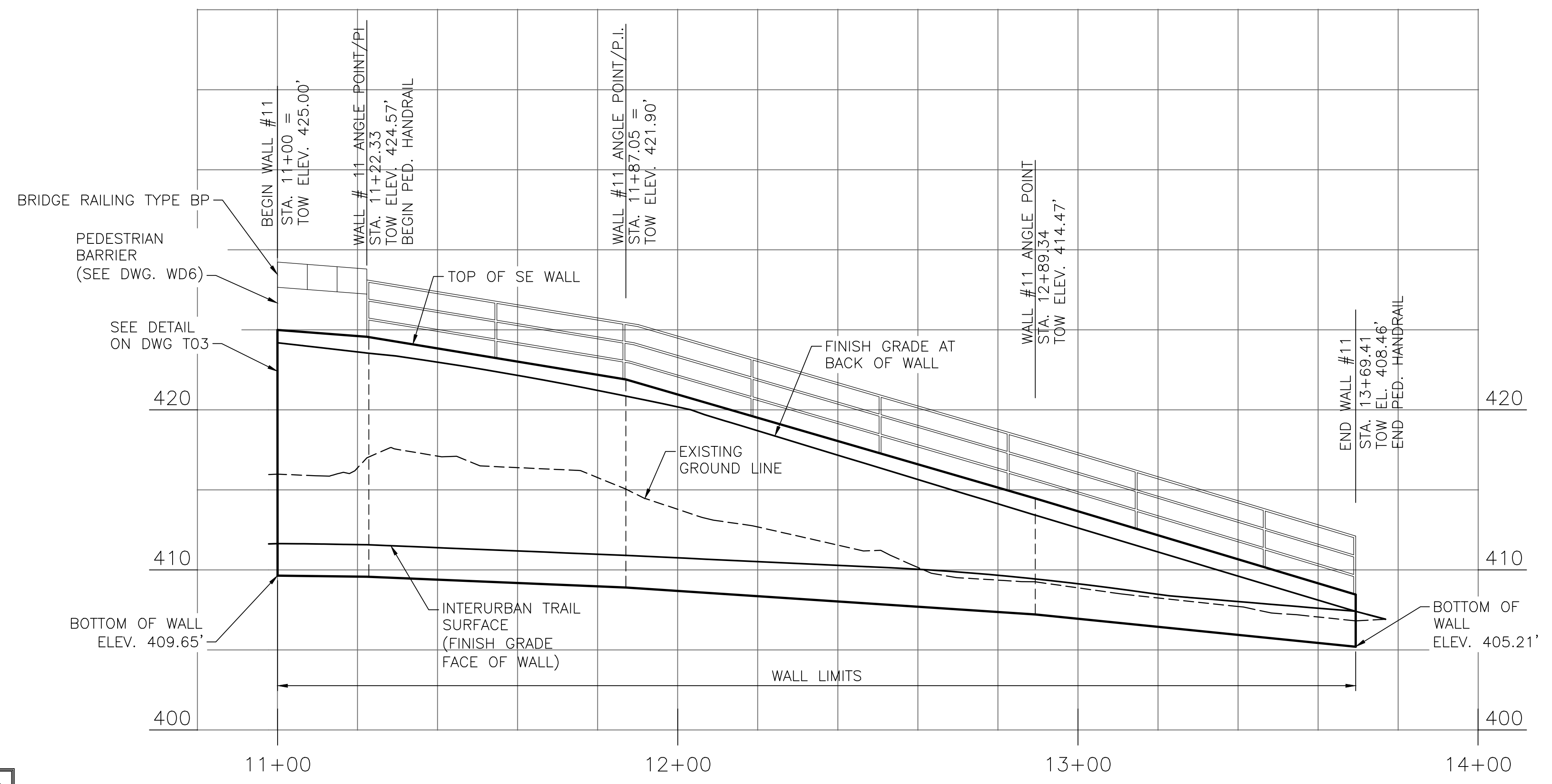
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POPLAR WAY EXTENSION BRIDGE
WALL PLAN & PROFILES

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of Total

PROJ. NO. TA2797 ~ NORTHWEST REGION ~ 1-5 ~ MP 181.62 ~ CITY OF LYNNWOOD ~ POPLAR WAY EXTENSION BRIDGE



- NOTES:**
1. FOR WALL TYPICAL SECTION, SEE DWG. WD6.
 2. FOR WALL LOCATION SEE DWGS. RD4 AND RD8.
 3. TOP OF WALL ELEVATIONS ARE APPROXIMATE AND SHOULD BE COORDINATED WITH FINAL GRADING PLANS PRIOR TO WALL CONSTRUCTION. REVISION TO TOP OF WALL ELEVATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO WALL CONSTRUCTION.
 4. ALL STATIONS AND OFFSETS ARE MEASURED TO THE FACE OF WALL. SEE WORKING LINE ON WALL DETAILS.
 5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY AND LOCATE ALL UTILITY CROSSINGS THROUGH, UNDER AND ADJACENT TO WALLS.
 6. SEE DR DWGS FOR WALL UNDERDRAIN CLEANOUTS.



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WALL 11 - INTERURBAN TRAIL, STRUCTURAL EARTH WALL, DWGS. RD4,& RD8

SCALE: HORIZ: 1"=20'
 VERT: 1"=5'

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May 04, 2023 - 1:49pm asharpner lisaaw001jobs00294\CADD\DS001\Drawings\STRUC\20100156_WP10.dwg Layout Name: WALL_CD11

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HNTB
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 Bellevue, WA 98004
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 EVERETT, WA 98201
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LYNNWOOD WASHINGTON



Drawn By	Date
ADH	4/3/23
Designed By	
GV	4/3/23
Checked By	
EBB	4/3/23
Approved By	
-----	-----

SCALE
 Horiz 1"=20'-0"
 Vert 1"=5'-0"
 Project Number 20100156

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 POPLAR WAY EXTENSION BRIDGE
WALL PLAN & PROFILES

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