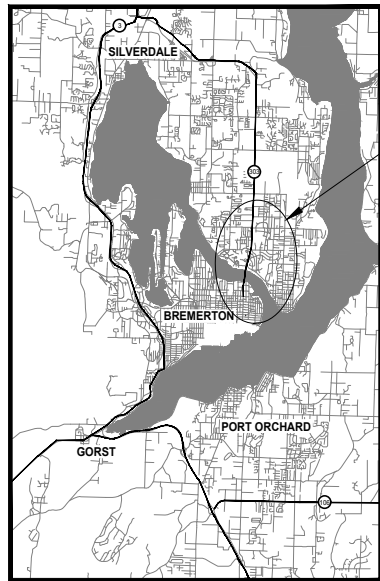




# BREMERTON DEPARTMENT OF PUBLIC WORKS AND UTILITIES

## SYSTEMIC PEDESTRIAN TREATMENT RECTANGULAR RAPID FLASHING BEACONS

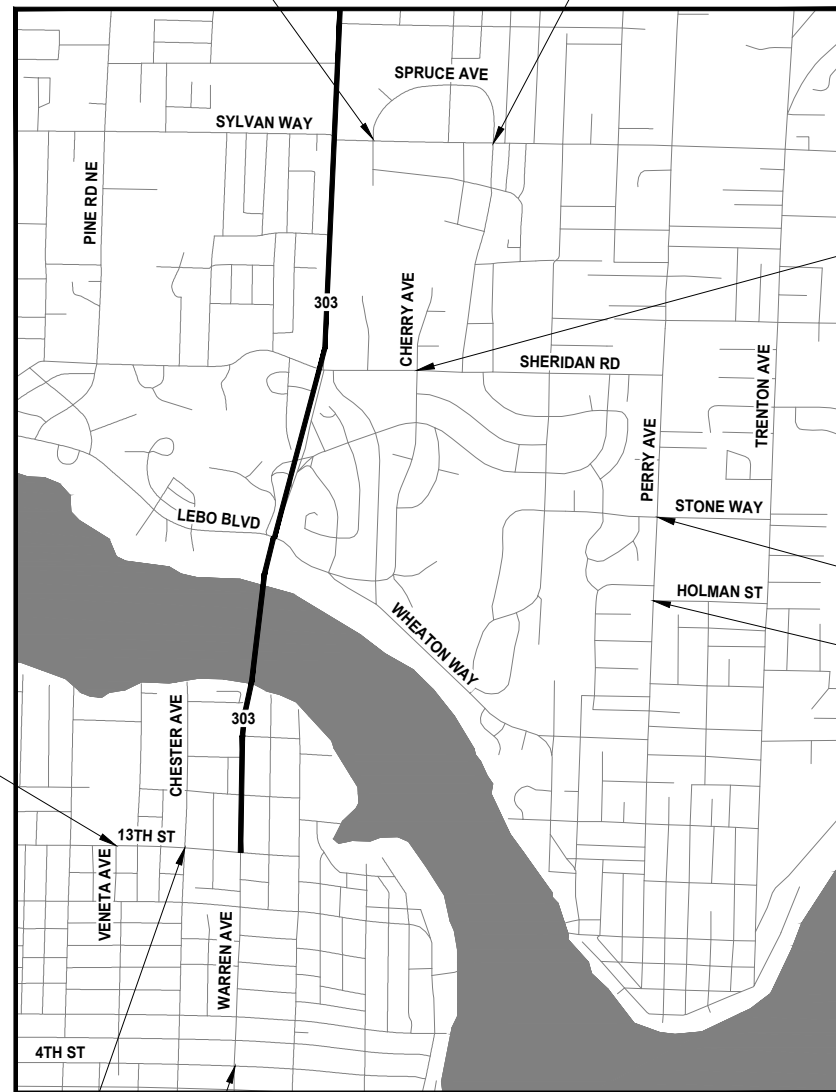
CITY OF BREMERTON PROJECT NO. 315-042  
 FEDERAL AID NUMBER: HSIP-000S(629)  
 AUGUST 2025



**VICINITY MAP**  
NO SCALE

PROJECT VICINITY

SPRUCE AVE AND SYLVAN WAY SURVEY H LOCATION  
 HALVERSON AVE AND SYLVAN WAY SURVEY G LOCATION



**LOCATION MAP**  
NO SCALE

VENETA AVE AND 13TH ST SURVEY C LOCATION

CHESTER AVE AND 13TH ST SURVEY B LOCATION

WARREN AVE AND 4TH ST SURVEY A LOCATION

CHERRY AVE AND SHERIDAN RD SURVEY F LOCATION

PERRY AVE AND STONE WAY SURVEY E LOCATION

PERRY AVE AND HOLMAN ST SURVEY D LOCATION

INDEX TO DRAWINGS		
SHT NO.	DWG NO.	SHEET TITLE
GENERAL		
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36 - 41	TC-1 - TC-6	TRAFFIC CONTROL PLAN
42	TC-7	PEDESTRIAN DETOUR PLAN
43 - 45	RW-1 - RW-3	RIGHT OF WAY PLAN

RECOMMENDED BY: \_\_\_\_\_  
 SHANE WEBER, P.E.  
 MANAGING ENGINEER

APPROVED BY: \_\_\_\_\_  
 NED LEVER, P.E.  
 CITY ENGINEER



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NO.	REVISIONS	DATE	BY

**CITY OF BREMERTON**  
 DEPARTMENT OF PUBLIC WORKS & UTILITIES  
 ENGINEERING DIVISION

DESIGN BY: TSC/CRT  
 WA P.E.# DATE: 08/06/25

DRAWN BY: RAS  
 DATE: 08/06/25

CHECKED BY: JXL  
 WA P.E.# 40628 DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:  
 GRANT/LOAN INFORMATION  
 Federal Aid Number:  
 HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**COVER SHEET & INDEX**

SHEET  
1 OF 45  
 PN:  
 DWG  
**CV-1**

FILE: CV-1 LAYOUT: CV-1 DATE: Wednesday, August 6, 2025 13:48:15 PLOTTED BY: catherine.tower

**SURVEY LEGEND**

EXISTING	EXISTING CONT'D	
	SD	STORM
	S	SEWER
		HEDGE (HEIGHT NOTED)
		BUILDING
		PAINTED STRIPE
		PAINTED SKIP STRIPE
	????????????????????	RAISED-BUTTON SOLID STRIPE
		EDGE OF PAVEMENT
		CONTOUR
		RIGHT WAY CENTERLINE
		RIGHT OF WAY
		CONCRETE
		GRASS
	AC	ASPHALT/CONCRETE
	CHLK	DRIVEWAY

**ABBREVIATIONS**

AC	ASPHALT CONCRETE	N	NORTHING/NORTH
ACP	ASPHALT CONCRETE PAVEMENT	NO, #	NUMBER
ADA	AMERICANS WITH DISABILITIES ACT	NTS	NOT TO SCALE
ALT	ALTERNATIVE	O.C.	ON CENTER
AP	ANGLE POINT	O.D.	OUTSIDE DIAMETER
APPROX	APPROXIMATE	PC	POINT OF CURVATURE
AVE	AVENUE	PCC	POINT OF CURVE ON CURVE
BLDG	BUILDING	PCC	PORTLAND CEMENT CONCRETE
BOC	BACK OF CURB	PE	POLYETHYLENE
BOW	BOTTOM OF WALL	PI	POINT OF INTERSECTION
CB	CATCH BASIN	POC	POINT OF CURVE
CDF	CONTROLLED DENSITY FILL	PRC	POINT OF REVERSE CURVATURE
CHAN	CHANNELIZATION	PT	POINT OF TANGENCY
CHLK	CHAIN LINK	PVC	POLYVINYL CHLORIDE
C, CL	CENTERLINE	PVI	POINT OF VERTICAL INTERSECTION
CL	CLASS	R	RADIUS
CO	CLEANOUT	REQ'D	REQUIRED
CONC	CONCRETE	RJ	RESTRAINED JOINT
C.O.B.	CITY OF BREMERTON	RP	RADIUS POINT
CPEP	CORRUGATED POLYETHYLENE PIPE	RT	RIGHT
CSBC	CRUSHED SURFACING BASE COURSE	ROW	RIGHT OF WAY
CSTC	CRUSHED SURFACING TOP COURSE	S	SLOPE/SOUTH
DET	DETAIL	SD	STORM DRAIN
DIA	DIAMETER	SS	SANITARY SEWER
DIP	DUCTILE IRON PIPE	SHT	SHEET
DR	DRIVE	SPEC	SPECIFICATIONS
DW, DWY	DRIVEWAY	SSMH	SANITARY SEWER MANHOLE
E	EASTING/EAST	ST	STREET
EL/ELEV	ELEVATION	STA	STATION
EOP	EDGE OF PAVEMENT	STCR	STRUCTURE
EX/EXIST	EXISTING	STD	STANDARD
FL	FLANGE/FLOWLINE	T	TANGENT LENGTH
FOC	FACE OF CURB	TEMP	TEMPORARY
H, HOR	HORIZONTAL	TC	TOP OF CURB
HMA	HOT MIX ASPHALT	TOG	TOP OF GRATE
HP	HIGH POINT	TOW	TOP OF WALL
ID	INSIDE DIAMETER	TYP	TYPICAL
IE	INVERT ELEVATION	UG	UNDERGROUND
L	LENGTH	UNK	UNKNOWN
LF	LINEAR FEET	VC	VERTICAL CURVE
LP	LOW POINT	VERT	VERTICAL
LT	LEFT	W	WATER, WEST
MAX	MAXIMUM	W/	WITH
MDD	MAXIMUM DRY DENSITY	WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
MIC	MONUMENT IN CASE	Δ	DELTA
MIL	MILLIMETER		
MIN	MINIMUM		
MH	MANHOLE		
MISC	MISCELLANEOUS		
MJ	MECHANICAL JOINT		
MON	MONUMENT		
MSE	MECHANICALLY STABILIZED EARTH		



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NO.	REVISIONS	DATE	BY

**CITY OF BREMERTON**  
DEPARTMENT OF PUBLIC WORKS & UTILITIES  
ENGINEERING DIVISION

DESIGN BY: TSC/CRT      DRAWN BY: RAS      CHECKED BY: JXL  
WA P.E.#      DATE: 08/06/25      DATE: 08/06/25      WA P.E.# 40628      DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:  
GRANT/LOAN INFORMATION  
Federal Aid Number:  
HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**LEGEND & ABBREVIATIONS**

FILE: G-1 LAYOUT: G-1 PATH: L:\AI\DKS\SEA\Company\Projects\23\22291-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD PLOTTED BY: catherine.tower DATE: Wednesday, August 6, 2025 13:48:33

**NOTES**

1. THE PURPOSE OF THIS TOPOGRAPHIC SURVEY IS FOR CIVIL ENGINEERING DESIGN. THIS IS NOT A BOUNDARY SURVEY. SOURCES OF BOUNDARY INFORMATION AS SHOWN INCLUDE FIELD-TIED MONUMENTATION, PLATS, COUNTY RECORDS OF SURVEY, AND AUDITOR INDEXING INFORMATION.

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3. FIELD SURVEY: KPG, NOVEMBER 2022. LICENSEE MICHAEL R. BOWEN, P.L.S. NO. 29294/RONALD D. REICHEL, P.L.S. NO. 38015.

4. CONTOUR INTERVAL = 1 FOOT, ±0.5 FOOT PER NATIONAL MAPPING STANDARDS. CONTOURS DERIVED FROM DIRECT FIELD OBSERVATIONS.

5. STORM AND SEWER CONNECTIONS HAVE BEEN DRAWN FROM CENTER OF LID TO CENTER OF LID.

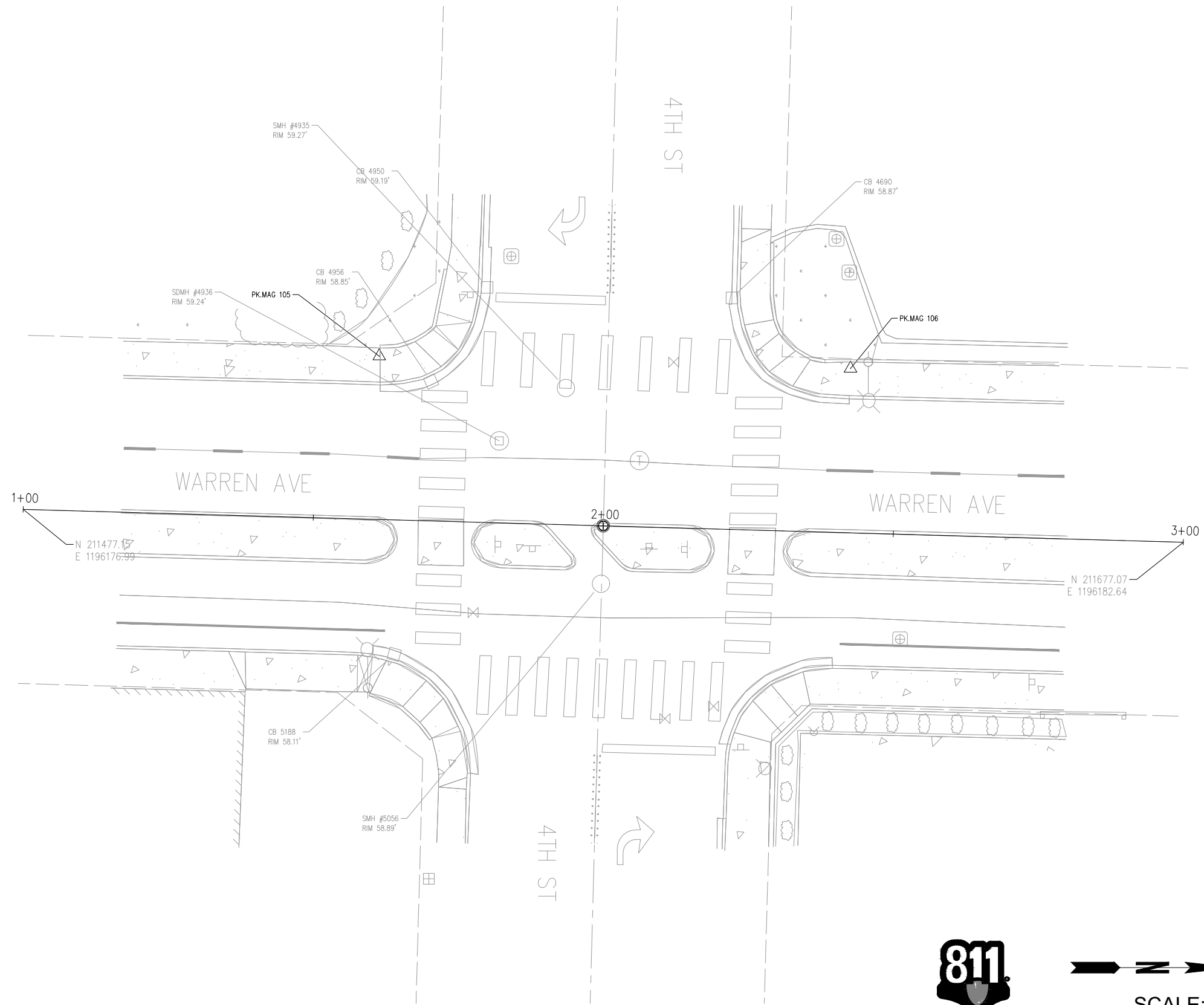
6. STREET RIGHTS OF WAY WERE DETERMINED BASED ON FOUND SURVEY MONUMENTS AND RESEARCH OF PUBLIC SURVEY RECORDS. PROPERTY LINES WERE INCORPORATED PER KITSAP COUNTY GIS CADD FILES.

**HORIZONTAL AND VERTICAL DATUM**

HORIZONTAL DATUM: NAD 83/11

VERTICAL DATUM NAVD 88

HORIZONTAL AND VERTICAL DATUMS ESTABLISHED BY RTK GPS OBSERVATION UTILIZING WSRN (WASHINGTON STATE REFERENCE NETWORK) WITH CHECKS TO WSDOT CONTROL POINTS BM18303-17 AND BM18303-25



**CONTROL POINT LIST**

PT #	DESCRIPTION	NORTHING	EASTING	ELEVATION	LOCATION	STATION / OFFSET
1	PK.MAG	214127.49	1195542.20	88.13'	SW QUAD 13TH ST & CHESTER AVE	STA 4+11.26, 22.73' RT
2	PK.MAG	214138.56	1195332.31	94.86'	250' W OF INTX 13TH ST & CHESTER AVE	
3	PK.MAG	214144.45	1195072.27	92.44'	290' E OF INTX 13TH ST & CHERRY AVE	
4	PK.MAG	214153.60	1194756.96	87.46'	SW QUAD 13TH ST & CHERRY AVE	STA 6+99.29, 18.60' RT
105	PK.MAG	211538.50	1196150.59	59.55'	SW QUAD WARREN AVE & 4TH ST	STA 1+60.58, 28.12' LT
106	PK.MAG	211619.72	1196152.73	58.84'	NW QUAD WARREN AVE & 4TH ST	STA 2+41.83, 28.28' LT
108	PK.MAG	217023.92	1201087.07	284.49'	SE QUAD PERRY AVE & HOLMAN ST	STA 9+76.63, 32.19' RT
9	SPIKE	217246.50	1201036.85	289.18'	200' N OF INTX PERRY AVE & HOLMAN ST	
110	SPIKE	218007.35	1201130.94	302.13'	SE QUAD PERRY AVE & STONE WAY	STA 11+78.62, 37.05' RT
111	PK.MAG	219776.29	1198272.01	266.72'	NW QUAD OF SHERIDAN RD & CHERRY AVE	STA 13+83.98, 21.08' LT
112	PK.MAG	219723.89	1198705.02	304.76'	113' W OF INTX SHERIDAN RD & HALVORSON AV	STA 18+18.10, 21.15' RT
113	PK.MAG	222366.56	1199143.62	366.24'	SW QUAD SYLVAN WAY & HALVORSON AVE	STA 22+51.97, 22.06' RT
114	SPIKE	222227.26	1199178.08	362.30'	161' S OF INTX SYLVAN WAY & HALVORSON AV	
15	SPIKE	222396.27	1197780.04	291.68'	SE QUAD SYLVAN WAY & SPRUCE AVE	STA 25+26.15, 24.40' RT
16	SPIKE	222397.91	1197915.74	293.49'	163' E OF INTX SYLVAN WAY & SPRUCE AVE	
120	PK.MAG	217999.80	1201670.67	278.07'	577' E OF INTX STONE WAY & PERRY AVE	STA 11+92.31, 576.66' RT



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SCALE:  
1" = 10' HORIZONTAL



**B** CITY OF BREMERTON  
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**KPG** 131 Elliott Avenue, Suite 400 Seattle, WA 98121 206.286.1640 Tacoma | Wenatchee | KPG.com

NO.	REVISIONS	DATE	BY

**CITY OF BREMERTON**  
**DEPARTMENT OF PUBLIC WORKS & UTILITIES**  
**ENGINEERING DIVISION**

DESIGN BY: TSC/CRT  
 WA P.E.# DATE: 02/27/25

DRAWN BY: RAS  
 DATE: 02/27/25

CHECKED BY: JXL  
 WA P.E.# 40628 DATE: 02/27/25

SECTION, TOWNSHIP, RANGE:  
S14, T24N, R1E

GRANT/LOAN INFORMATION  
 Federal Aid Number:  
 HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**

**WARREN AVE AND 4TH ST**  
**SURVEY & ALIGNMENT PLAN**

SHEET  
3 OF 45

PN:  
DWG  
SV-1

FILE: SV-1 LAYOUT: SV-1 PATH: L:\All-DKS\SEA\Company\Projects\22\22291-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD PLOTTED BY: rebecca.snellings DATE: Thursday, February 27, 2025 2:37:58 PM

**NOTES**

1. THE PURPOSE OF THIS TOPOGRAPHIC SURVEY IS FOR CIVIL ENGINEERING DESIGN. THIS IS NOT A BOUNDARY SURVEY. SOURCES OF BOUNDARY INFORMATION AS SHOWN INCLUDE FIELD-TIED MONUMENTATION, PLATS, COUNTY RECORDS OF SURVEY, AND AUDITOR INDEXING INFORMATION.

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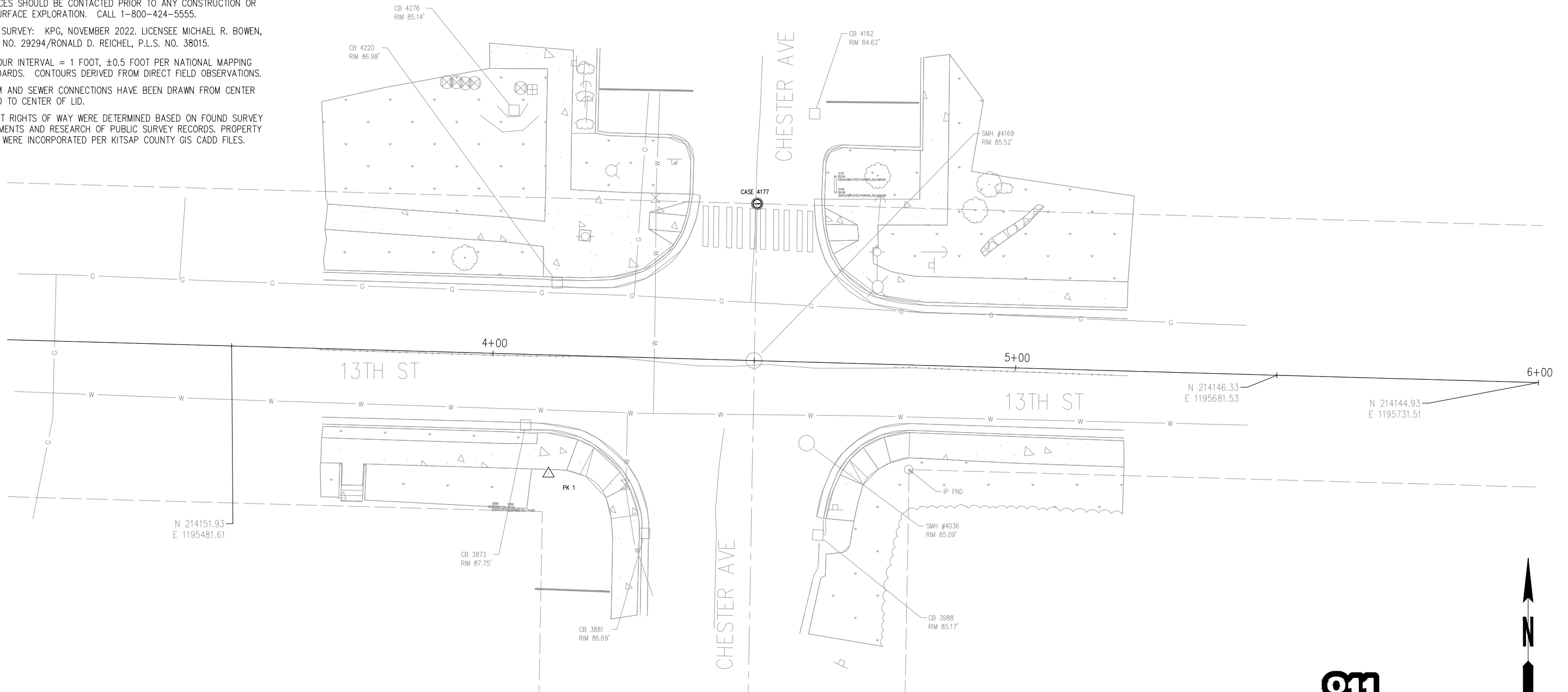
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**HORIZONTAL AND VERTICAL DATUM**

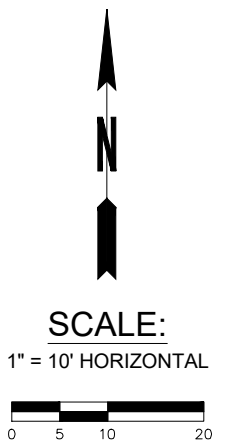
HORIZONTAL DATUM: NAD 83/11

VERTICAL DATUM: NAVD 88

HORIZONTAL AND VERTICAL DATUMS ESTABLISHED BY RTK GPS OBSERVATION UTILIZING WSRN (WASHINGTON STATE REFERENCE NETWORK) WITH CHECKS TO WSDOT CONTROL POINTS BM18303-17 AND BM18303-25



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NO.	REVISIONS	DATE	BY

**CITY OF BREMERTON**  
DEPARTMENT OF PUBLIC WORKS & UTILITIES  
ENGINEERING DIVISION

DESIGN BY: TSC/CRT WA P.E.#	DATE: 02/27/25	DRAWN BY: RAS DATE: 02/27/25	CHECKED BY: JXL WA P.E.# 40628 DATE: 02/27/25
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SECTION, TOWNSHIP, RANGE:  
S14, T24N, R1E

GRANT/LOAN INFORMATION  
Federal Aid Number:  
HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**

**CHESTER AVE AND 13TH ST**  
**SURVEY & ALIGNMENT PLAN**

SHEET  
4 OF 45

PN:  
DWG  
SV-2

FILE: SV-2 LAYOUT: SV-2 PATH: L:\AI-DKS\SEA\Company\Projects\22\22291-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD PLOTTED BY: rebecca.snellings DATE: Thursday, February 27, 2025 2:38:05 PM

**NOTES**

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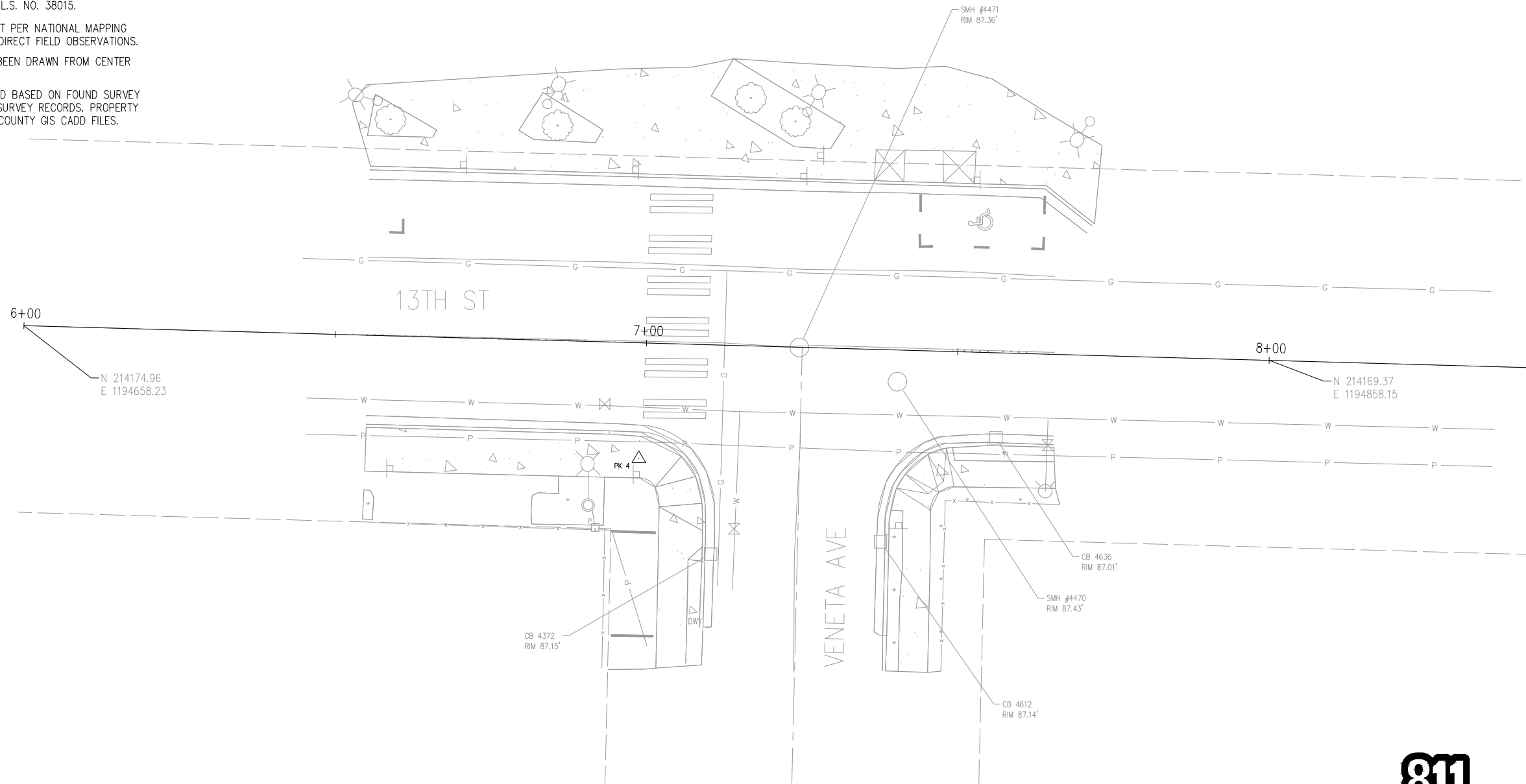
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**HORIZONTAL AND VERTICAL DATUM**

HORIZONTAL DATUM: NAD 83/11

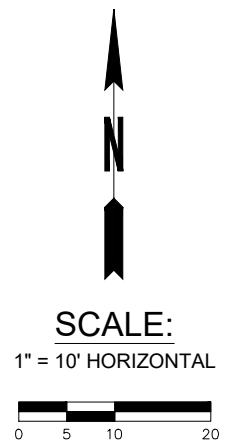
VERTICAL DATUM: NAVD 88

HORIZONTAL AND VERTICAL DATUMS ESTABLISHED BY RTK GPS OBSERVATION UTILIZING WSRN (WASHINGTON STATE REFERENCE NETWORK) WITH CHECKS TO WSDOT CONTROL POINTS BM18303-17 AND BM18303-25



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**CITY OF BREMERTON**  
DEPARTMENT OF PUBLIC WORKS & UTILITIES  
ENGINEERING DIVISION

DESIGN BY: TSC/CRT WA P.E.#	DATE: 02/27/25	DRAWN BY: RAS DATE: 02/27/25	CHECKED BY: JXL WA P.E.# 40628 DATE: 02/27/25
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SECTION, TOWNSHIP, RANGE:  
S14, T24N, R1E  
GRANT/LOAN INFORMATION  
Federal Aid Number:  
HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**VENETA AVE AVE AND 13TH ST**  
**SURVEY & ALIGNMENT PLAN**

SHEET  
5 OF 45  
PN:  
DWG  
SV-3

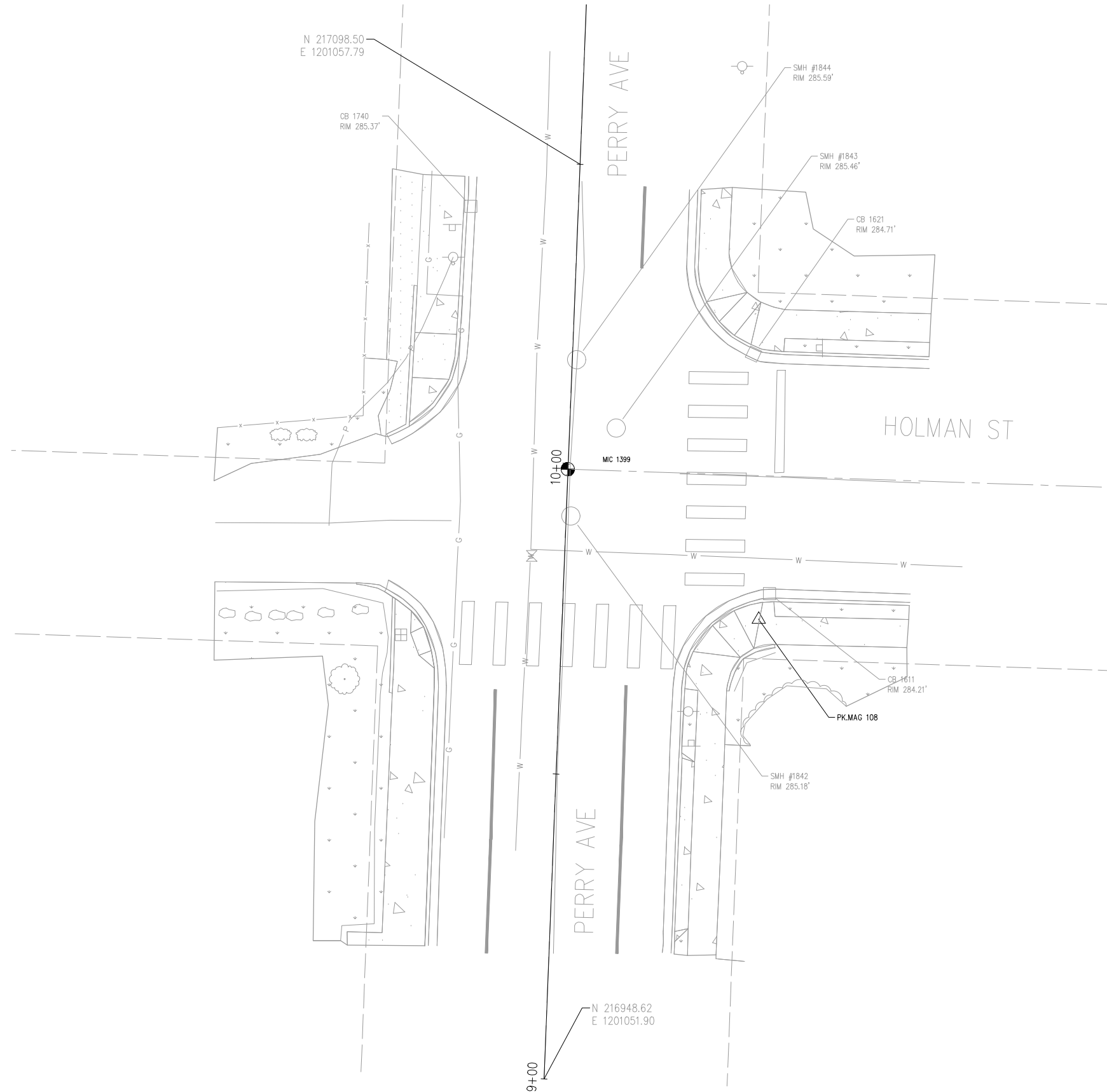
FILE: SV-3 LAYOUT: SV-3 PATH: L:\AI\DKS\SEA\Company\Projects\22\22291-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD PLOTTED BY: rebecca.snellings DATE: Thursday, February 27, 2025 2:38:11 PM

**NOTES**

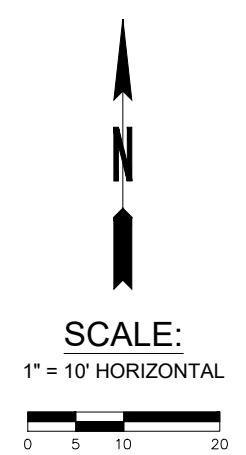
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**HORIZONTAL AND VERTICAL DATUM**

HORIZONTAL DATUM: NAD 83/11  
 VERTICAL DATUM: NAVD 88  
 HORIZONTAL AND VERTICAL DATUMS ESTABLISHED BY RTK GPS OBSERVATION UTILIZING WSRN (WASHINGTON STATE REFERENCE NETWORK) WITH CHECKS TO WSDOT CONTROL POINTS BM18303-17 AND BM18303-25



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SECTION, TOWNSHIP, RANGE:  
 S12, T24N, R1E  
 GRANT/LOAN INFORMATION  
 Federal Aid Number:  
 HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**PERRY AVE AND HOLMAN ST**  
**SURVEY & ALIGNMENT PLAN**

SHEET  
 6 OF 45  
 PN:  
 DWG  
 SV-4

FILE: SV-4 LAYOUT: SV-4 PATH: L:\AI\DKS\SEA\Company\Projects\22\22291-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD PLOTTED BY: rebecca.snellings DATE: Thursday, February 27, 2025 2:38:17 PM

**NOTES**

1. THE PURPOSE OF THIS TOPOGRAPHIC SURVEY IS FOR CIVIL ENGINEERING DESIGN. THIS IS NOT A BOUNDARY SURVEY. SOURCES OF BOUNDARY INFORMATION AS SHOWN INCLUDE FIELD-TIED MONUMENTATION, PLATS, COUNTY RECORDS OF SURVEY, AND AUDITOR INDEXING INFORMATION.

2. THE LOCATIONS OF EXISTING UNDERGROUND UTILITY SYSTEMS, AS SHOWN HEREON, ARE TAKEN FROM UTILITY LOCATE PAINT MARKS OR AS-BUILT PLANS AND ARE SHOWN IN AN APPROXIMATE WAY ONLY.

THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. ALL LOCATOR SERVICES SHOULD BE CONTACTED PRIOR TO ANY CONSTRUCTION OR SUBSURFACE EXPLORATION. CALL 1-800-424-5555.

3. FIELD SURVEY: KPG, NOVEMBER 2022. LICENSEE MICHAEL R. BOWEN, P.L.S. NO. 29294/RONALD D. REICHEL, P.L.S. NO. 38015.

4. CONTOUR INTERVAL = 1 FOOT, ±0.5 FOOT PER NATIONAL MAPPING STANDARDS. CONTOURS DERIVED FROM DIRECT FIELD OBSERVATIONS.

5. STORM AND SEWER CONNECTIONS HAVE BEEN DRAWN FROM CENTER OF LID TO CENTER OF LID.

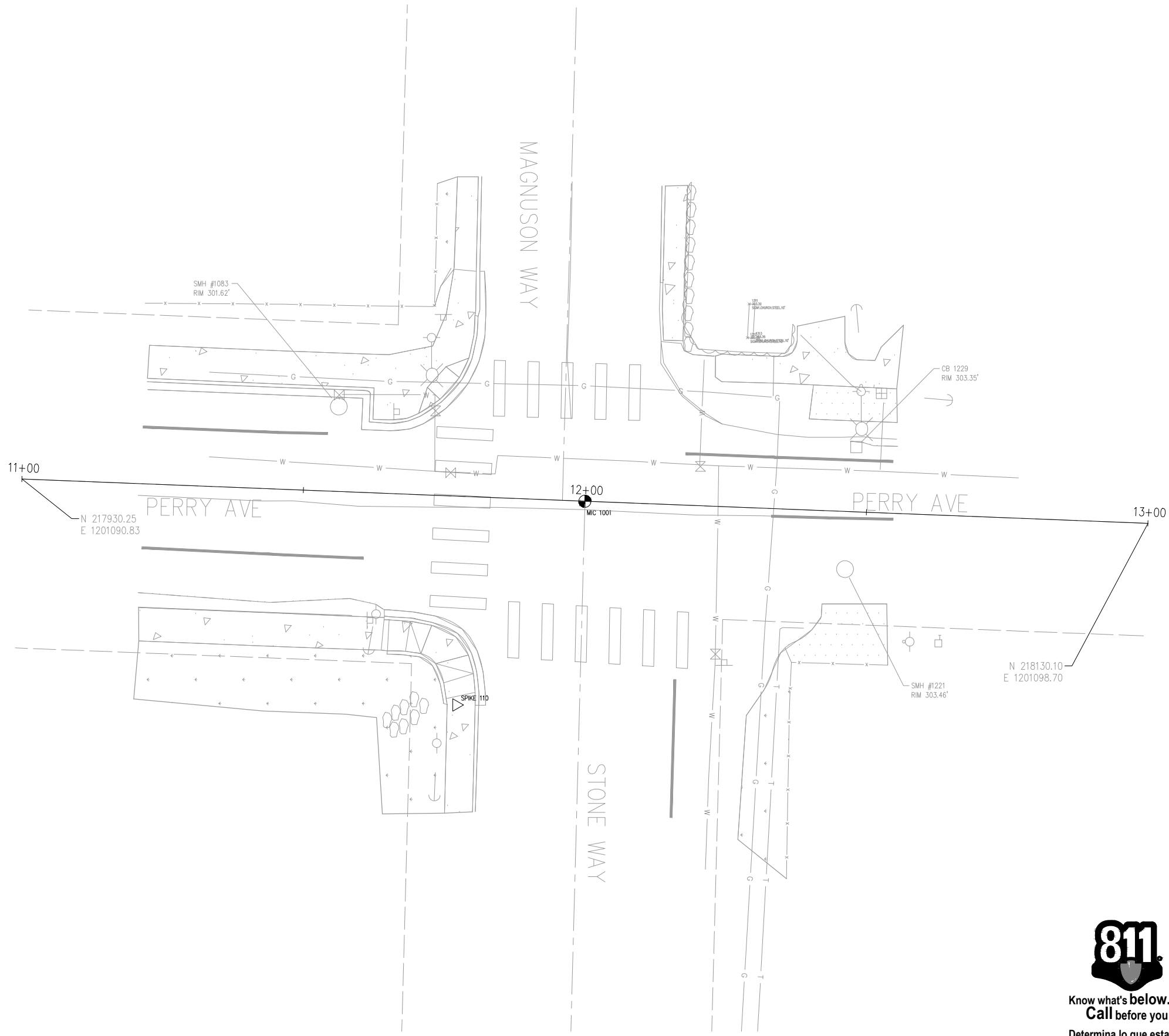
6. STREET RIGHTS OF WAY WERE DETERMINED BASED ON FOUND SURVEY MONUMENTS AND RESEARCH OF PUBLIC SURVEY RECORDS. PROPERTY LINES WERE INCORPORATED PER KITSAP COUNTY GIS CADD FILES.

**HORIZONTAL AND VERTICAL DATUM**

HORIZONTAL DATUM: NAD 83/11

VERTICAL DATUM NAVD 88

HORIZONTAL AND VERTICAL DATUMS ESTABLISHED BY RTK GPS OBSERVATION UTILIZING WSRN (WASHINGTON STATE REFERENCE NETWORK) WITH CHECKS TO WSDOT CONTROL POINTS BM18303-17 AND BM18303-25

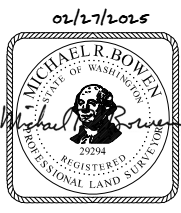
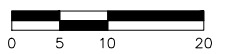


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SCALE:  
1" = 10' HORIZONTAL



<b>B</b> CITY OF BREMERTON	<b>DKS</b> 719 Second Ave, Suite 1250 Seattle, WA 98104 (206) 382-9800 www.dksassociates.com	<b>KPG</b> R. SOMAS Seattle 1131 Elliott Avenue, Suite 400 Seattle, WA 98121 206.286.1640 Tacoma   Wenatchee   KPG.com
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NO.	REVISIONS	DATE	BY

**CITY OF BREMERTON**  
**DEPARTMENT OF PUBLIC WORKS & UTILITIES**  
**ENGINEERING DIVISION**

DESIGN BY: TSC/CRT WA P.E.#	DATE: 02/27/25	DRAWN BY: RAS DATE: 02/27/25	CHECKED BY: JXL WA P.E.# 40628 DATE: 02/27/25
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SECTION, TOWNSHIP, RANGE:  
S12, T24N, R1E

GRANT/LOAN INFORMATION  
Federal Aid Number:  
HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**PERRY AVE AND STONE WAY**  
**INTERSECTION PLAN**

SHEET 7 OF 45
PN: DWG SV-5

**NOTES**

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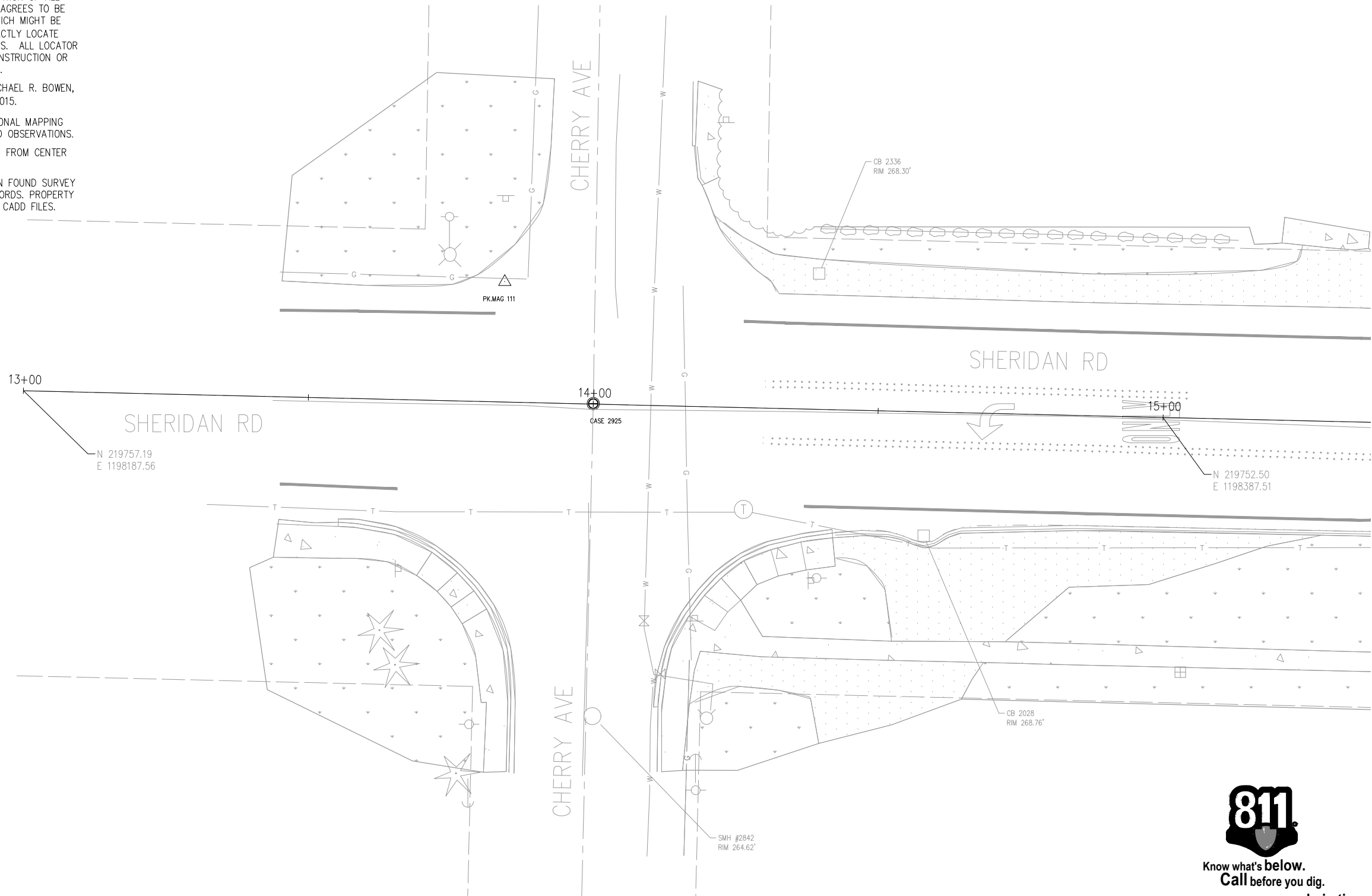
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**HORIZONTAL AND VERTICAL DATUM**

HORIZONTAL DATUM: NAD 83/11

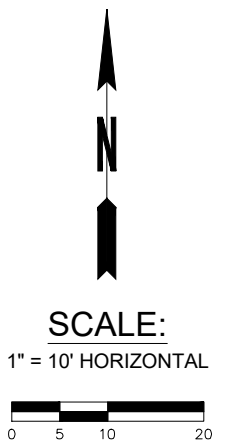
VERTICAL DATUM: NAVD 88

HORIZONTAL AND VERTICAL DATUMS ESTABLISHED BY RTK GPS OBSERVATION UTILIZING WSRN (WASHINGTON STATE REFERENCE NETWORK) WITH CHECKS TO WSDOT CONTROL POINTS BM18303-17 AND BM18303-25



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NO.	REVISIONS	DATE	BY

**CITY OF BREMERTON**  
DEPARTMENT OF PUBLIC WORKS & UTILITIES  
ENGINEERING DIVISION

DESIGN BY: TSC/CRT WA P.E.#	DATE: 02/27/25	DRAWN BY: RAS DATE: 02/27/25	CHECKED BY: JXL WA P.E.# 40628 DATE: 02/27/25
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SECTION, TOWNSHIP, RANGE:  
S12, T24N, R1E

GRANT/LOAN INFORMATION  
Federal Aid Number:  
HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**CHERRY AVE AND SHERIDAN RD**  
**SURVEY & ALIGNMENT PLAN**

SHEET  
8 OF 45

PN:  
DWG  
SV-6

FILE: SV-6 LAYOUT: SV-6 PATH: L:\AI\DKS\SEA\Company\G Projects\22\22291-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD PLOTTED BY: rebecca.snellings DATE: Thursday, February 27, 2025 2:38:31 PM

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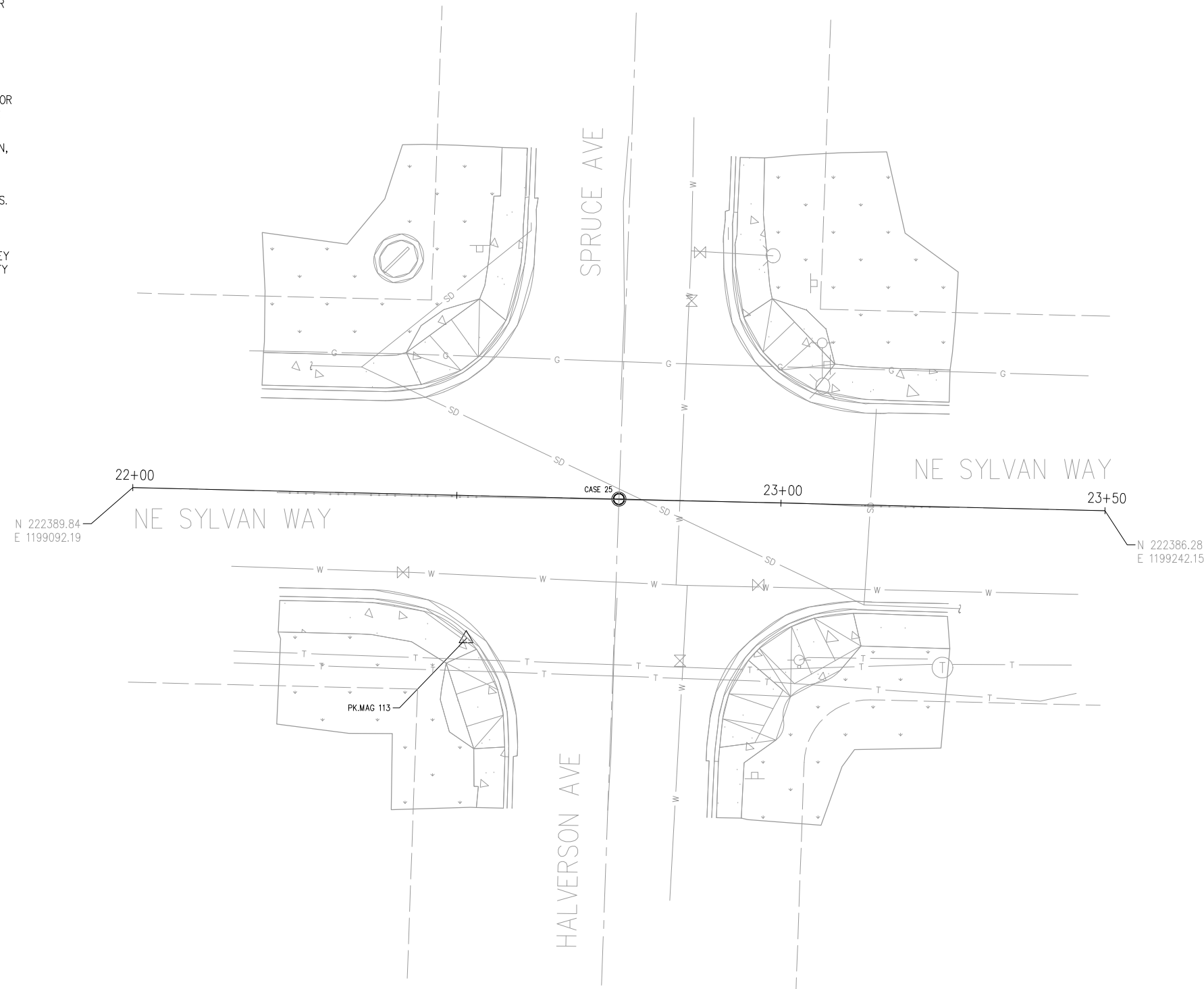
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**HORIZONTAL AND VERTICAL DATUM**

HORIZONTAL DATUM: NAD 83/11

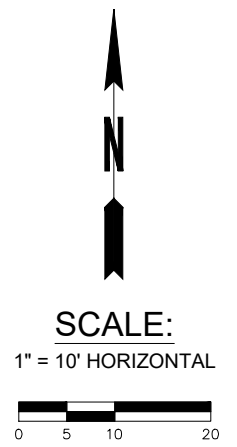
VERTICAL DATUM: NAVD 88

HORIZONTAL AND VERTICAL DATUMS ESTABLISHED BY RTK GPS OBSERVATION UTILIZING WSRN (WASHINGTON STATE REFERENCE NETWORK) WITH CHECKS TO WSDOT CONTROL POINTS BM18303-17 AND BM18303-25



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<b>B</b> CITY OF BREMERTON	<b>DKS</b> 719 Second Ave, Suite 1250 Seattle, WA 98104 (206) 382-9800 www.dksassociates.com	<b>KPG</b> R. BOWEN 29294 REGISTERED PROFESSIONAL LAND SURVEYOR Seattle 1131 Elliott Avenue, Suite 400 Seattle, WA 98121 206.286.1640 Tacoma   Wenatchee   KPG.com
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NO.	REVISIONS	DATE	BY

**CITY OF BREMERTON**  
DEPARTMENT OF PUBLIC WORKS & UTILITIES  
ENGINEERING DIVISION

DESIGN BY: TSC/CRT WA P.E.#	DATE: 02/27/25	DRAWN BY: RAS DATE: 02/27/25	CHECKED BY: JXL WA P.E.# 40628 DATE: 02/27/25
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SECTION, TOWNSHIP, RANGE:  
S1, T24N, R1E

GRANT/LOAN INFORMATION  
Federal Aid Number:  
HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**HALVERSON AVE AND SYLVAN WAY**  
**SURVEY & ALIGNMENT PLAN**

SHEET  
9 OF 45

PN:  
DWG  
SV-7

FILE: SV-7 LAYOUT: SV-7 PATH: L:\AI-DKS\SEA\Company\Projects\22\22291-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD PLOTTED BY: rebecca.snellings DATE: Thursday, February 27, 2025 2:38:37 PM

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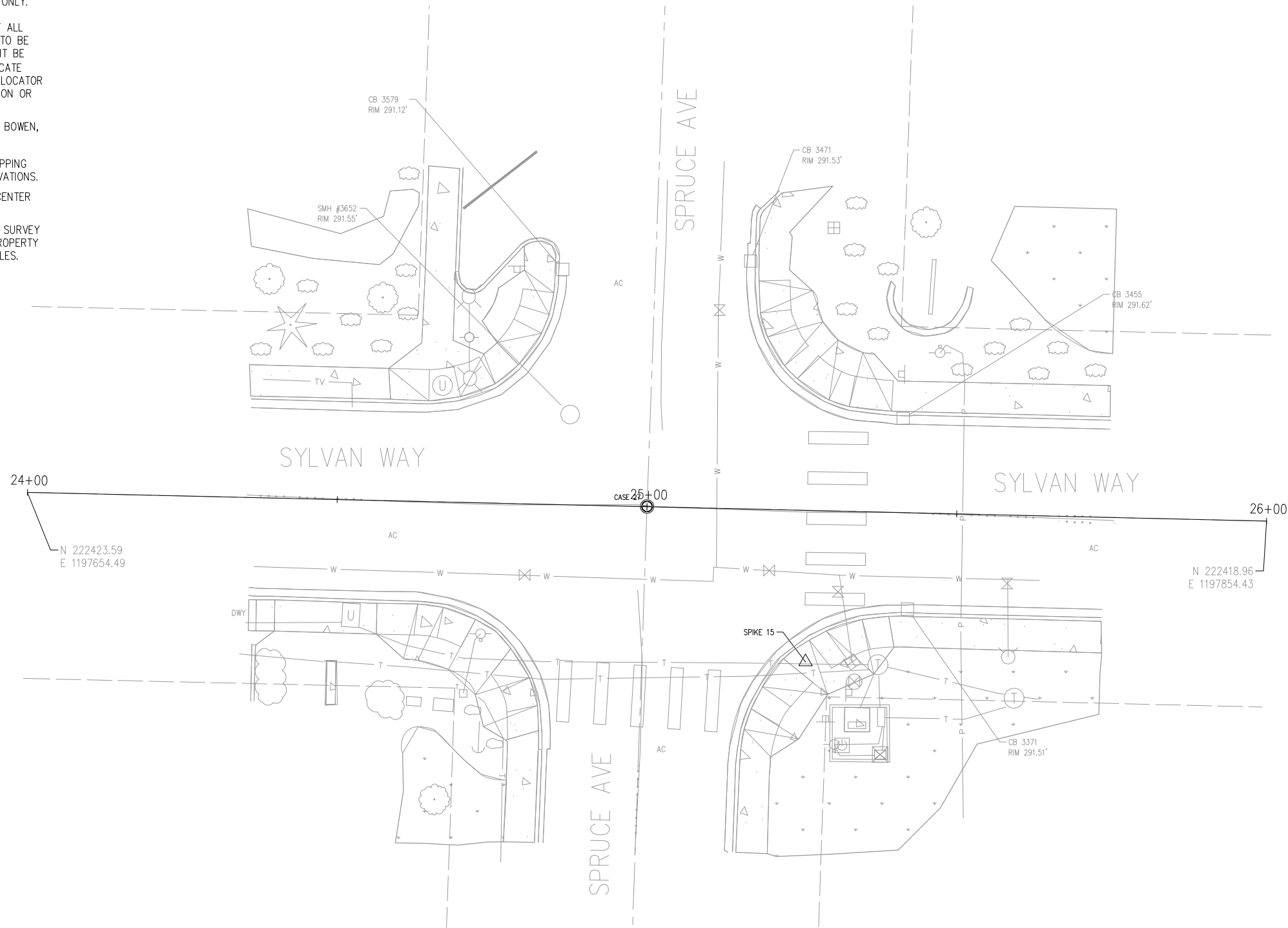
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**HORIZONTAL AND VERTICAL DATUM**

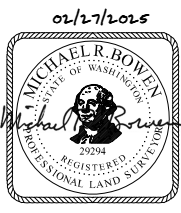
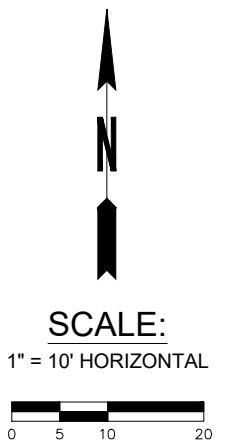
HORIZONTAL DATUM: NAD 83/11

VERTICAL DATUM: NAVD 88

HORIZONTAL AND VERTICAL DATUMS ESTABLISHED BY RTK GPS OBSERVATION UTILIZING WSRN (WASHINGTON STATE REFERENCE NETWORK) WITH CHECKS TO WSDOT CONTROL POINTS BM18303-17 AND BM18303-25



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NO.	REVISIONS	DATE	BY

**CITY OF BREMERTON**  
**DEPARTMENT OF PUBLIC WORKS & UTILITIES**  
**ENGINEERING DIVISION**

DESIGN BY: TSC/CRT WA P.E.#	DATE: 02/27/25	DRAWN BY: RAS DATE: 02/27/25	CHECKED BY: JXL WA P.E.# 40628 DATE: 02/27/25
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**SECTION, TOWNSHIP, RANGE:**  
S1, T24N, R1E

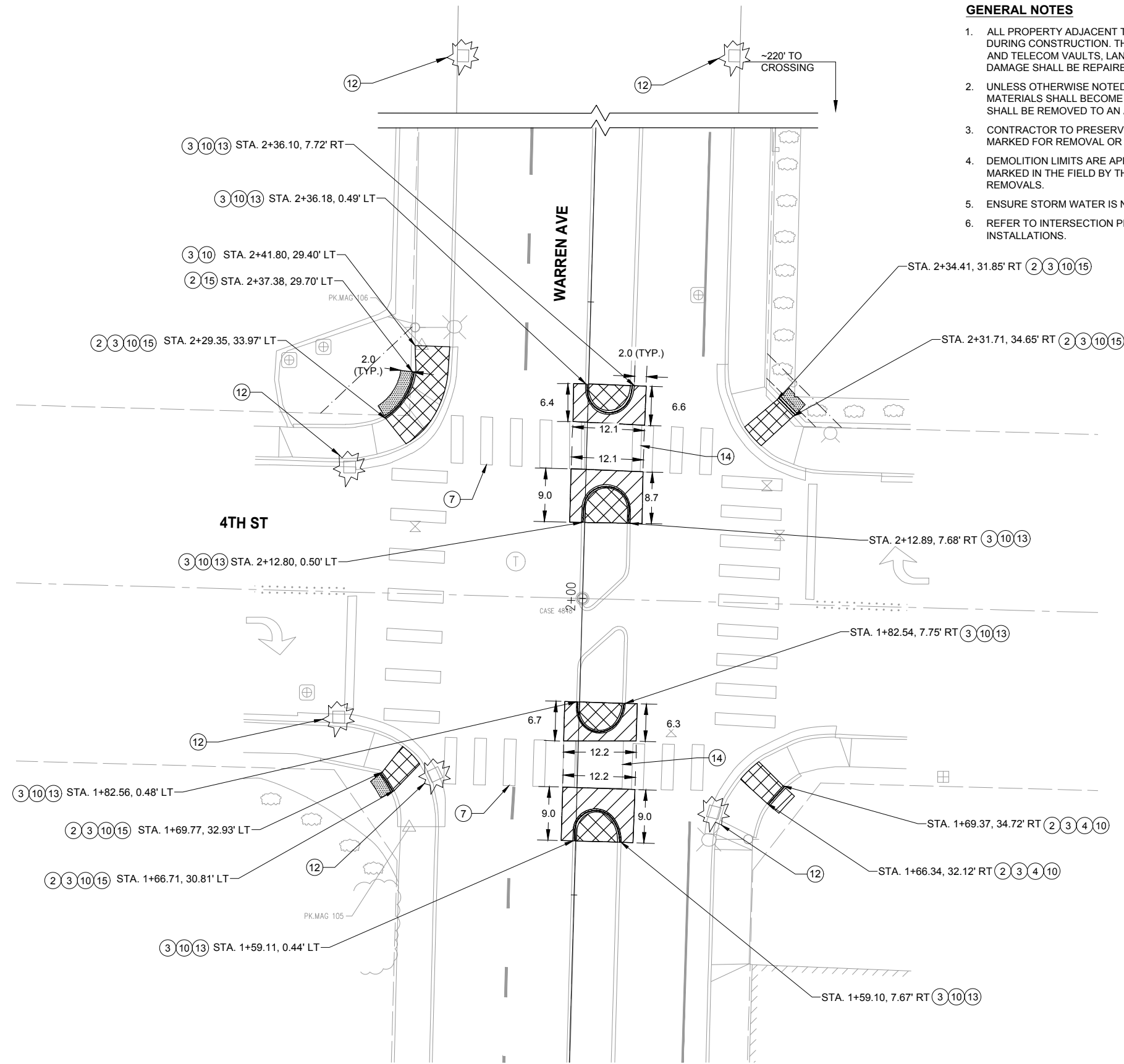
**GRANT/LOAN INFORMATION**  
Federal Aid Number:  
HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**SPRUCE AVE AND SYLVAN WAY**  
**SURVEY & ALIGNMENT PLAN**

SHEET  
**10 OF 45**

PN:  
**DWG**  
**SV-8**

FILE: SV-8 LAYOUT: SV-8 PATH: L:\AI-DKS\SEA\Company\Projects\22\22291-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD PLOTTED BY: rebecca.snellings DATE: Thursday, February 27, 2025 2:38:44 PM



**GENERAL NOTES**

1. ALL PROPERTY ADJACENT TO THE PROJECT LIMITS SHALL BE PROTECTED DURING CONSTRUCTION. THIS INCLUDES BUT IS NOT LIMITED TO UTILITY AND TELECOM VAULTS, LANDSCAPING, SIDEWALK, CURB AND GUTTER. ANY DAMAGE SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
2. UNLESS OTHERWISE NOTED, ALL DEMOLISHED STRUCTURES AND MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED TO AN APPROVED OFF-SITE WASTE FACILITY.
3. CONTRACTOR TO PRESERVE AND PROTECT ALL EXISTING UTILITIES NOT MARKED FOR REMOVAL OR ADJUSTMENT.
4. DEMOLITION LIMITS ARE APPROXIMATE. REMOVAL LIMITS SHALL BE MARKED IN THE FIELD BY THE CONTRACTOR AND ENGINEER PRIOR TO REMOVALS.
5. ENSURE STORM WATER IS NOT LEAVING THE CONSTRUCTION SITE.
6. REFER TO INTERSECTION PLAN SHEETS FOR SIGN REMOVALS AND INSTALLATIONS.

**SITE PREPARATION NOTES**

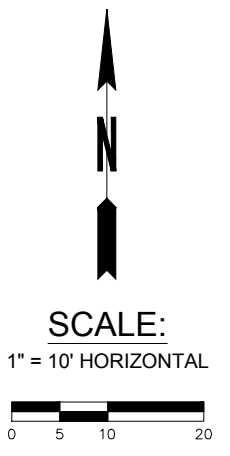
- 1 REMOVE CEMENT CONC. CURB AND GUTTER.
- 2 REMOVE CEMENT CONC. PEDESTRIAN CURB.
- 3 REMOVE CEMENT CONC. SIDEWALK OR TRAFFIC ISLAND.
- 4 FULL DEPTH SAWCUT EXISTING ASPHALT PAVEMENT.
- 5 NOT USED.
- 6 NOT USED.
- 7 REMOVE EXISTING PAVEMENT MARKINGS FOR ENTIRE CROSSWALK.
- 8 ADJUST EXISTING UTILITY TO FINISH GRADE.
- 9 MAINTAIN AND PROTECT EXISTING UTILITY.
- 10 WHERE NOTED, REMOVE SIDEWALK TO NEAREST CONSTRUCTION JOINT.
- 11 REMOVE EXISTING TREE.
- 12 INSTALL STORM DRAIN INLET PROTECTION PER WSDOT STD PLAN I-40.20-00.
- 13 WHERE NOTED, REMOVE CONCRETE CURB TO NEAREST CONSTRUCTION JOINT.
- 14 PROTECT EXISTING CONCRETE LANDING.
- 15 CLEARING AND GRUBBING.

**LEGEND**

- EXISTING RIGHT OF WAY
- TEMPORARY CONSTRUCTION EASEMENT
- SAWCUT
- REMOVE CURB AND/OR GUTTER
- CLEARING AND GRUBBING
- REMOVE ASPHALT CONCRETE PAVEMENT
- REMOVE EXISTING SIDEWALK OR TRAFFIC ISLAND
- INLET PROTECTION



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 (206) 382-9800  
 www.dksassociates.com

NO.	REVISIONS	DATE	BY

**CITY OF BREMERTON**  
**DEPARTMENT OF PUBLIC WORKS & UTILITIES**  
**ENGINEERING DIVISION**

DESIGN BY: TSC/CRT      DRAWN BY: RAS      CHECKED BY: JXL  
 WA P.E.#      DATE: 08/06/25      DATE: 08/06/25      WA P.E.# 40628      DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:  
 S14, T24N, R1E

GRANT/LOAN INFORMATION  
 Federal Aid Number:  
 HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**WARREN AVE AND 4TH ST**  
**SITE PREPARATION PLAN**

SHEET  
**11 OF 45**

PN:  
**DWG**  
**SP-1**

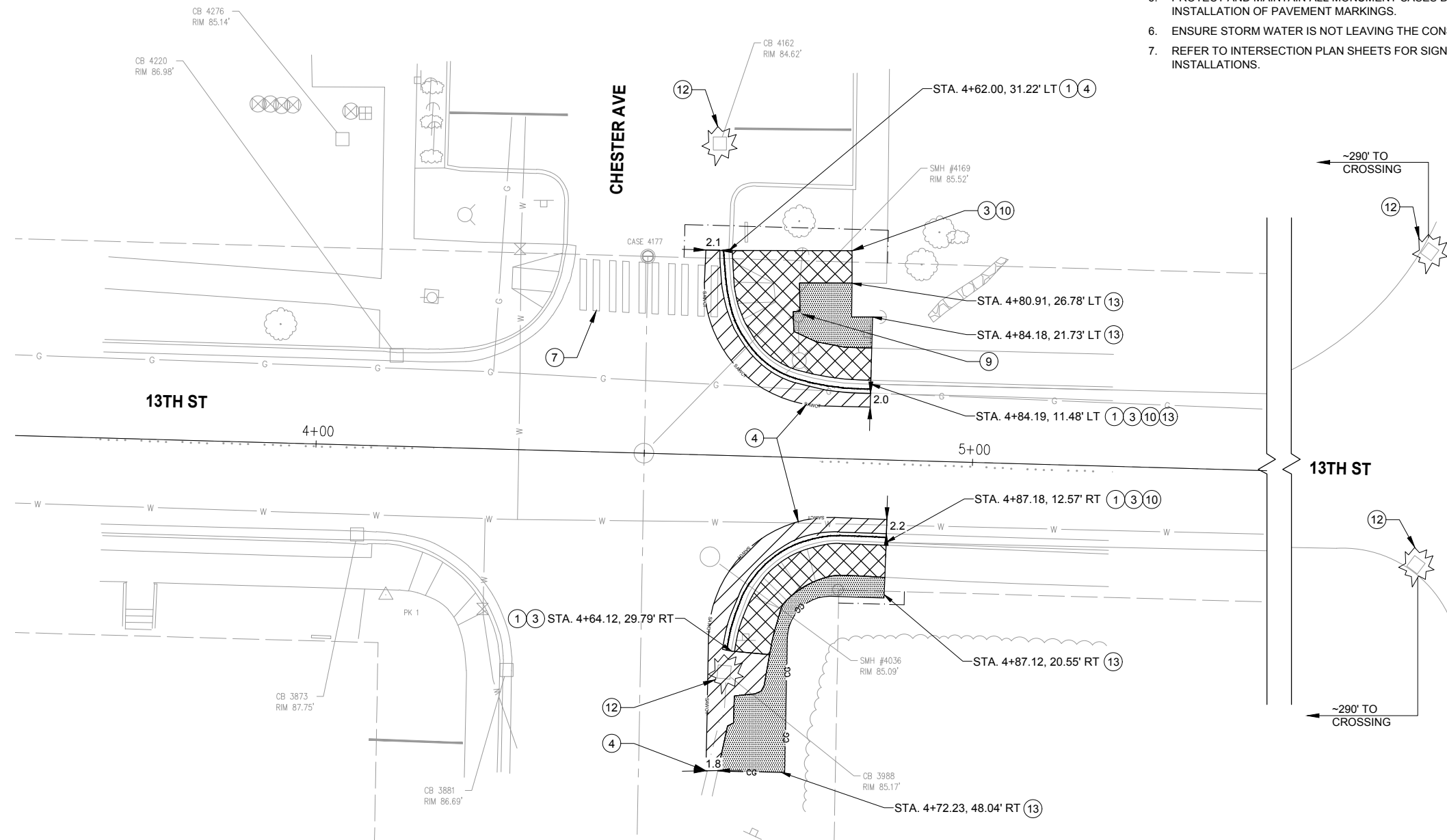
FILE: SP-1    LAYOUT: SP-1    PATH: L:\All-DKS\SEA\Company\G Projects\22\22291-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD    PLOTTED BY: catherine.tower    DATE: Wednesday, August 6, 2025 13:48:57

**GENERAL NOTES**

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4. DEMOLITION LIMITS ARE APPROXIMATE. REMOVAL LIMITS SHALL BE MARKED IN THE FIELD BY THE CONTRACTOR AND ENGINEER PRIOR TO REMOVALS.
5. PROTECT AND MAINTAIN ALL MONUMENT CASES DURING REMOVAL AND INSTALLATION OF PAVEMENT MARKINGS.
6. ENSURE STORM WATER IS NOT LEAVING THE CONSTRUCTION SITE.
7. REFER TO INTERSECTION PLAN SHEETS FOR SIGN REMOVALS AND INSTALLATIONS.

**SITE PREPARATION NOTES**

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- 13 CLEARING AND GRUBBING.



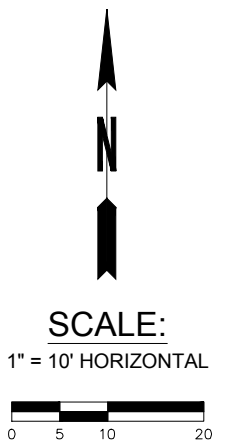
BROADWAY AVE

**LEGEND**

- EXISTING RIGHT OF WAY
- - - - - TEMPORARY CONSTRUCTION EASEMENT
- SAWCUT
- REMOVE CURB AND/OR GUTTER
- CLEARING AND GRUBBING
- REMOVE ASPHALT CONCRETE PAVEMENT
- REMOVE EXISTING SIDEWALK OR TRAFFIC ISLAND
- ☀ INLET PROTECTION



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NO.	REVISIONS	DATE	BY

**CITY OF BREMERTON**  
**DEPARTMENT OF PUBLIC WORKS & UTILITIES**  
**ENGINEERING DIVISION**

DESIGN BY: TSC/CRT      DRAWN BY: RAS      CHECKED BY: JXL  
 WA P.E.#      DATE: 08/06/25      DATE: 08/06/25      WA P.E.# 40628      DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:  
 S14, T24N, R1E

GRANT/LOAN INFORMATION  
 Federal Aid Number:  
 HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**CHESTER AVE AND 13TH ST**  
**SITE PREPARATION PLAN**

SHEET  
**12 OF 45**

PN:  
**DWG**  
**SP-2**

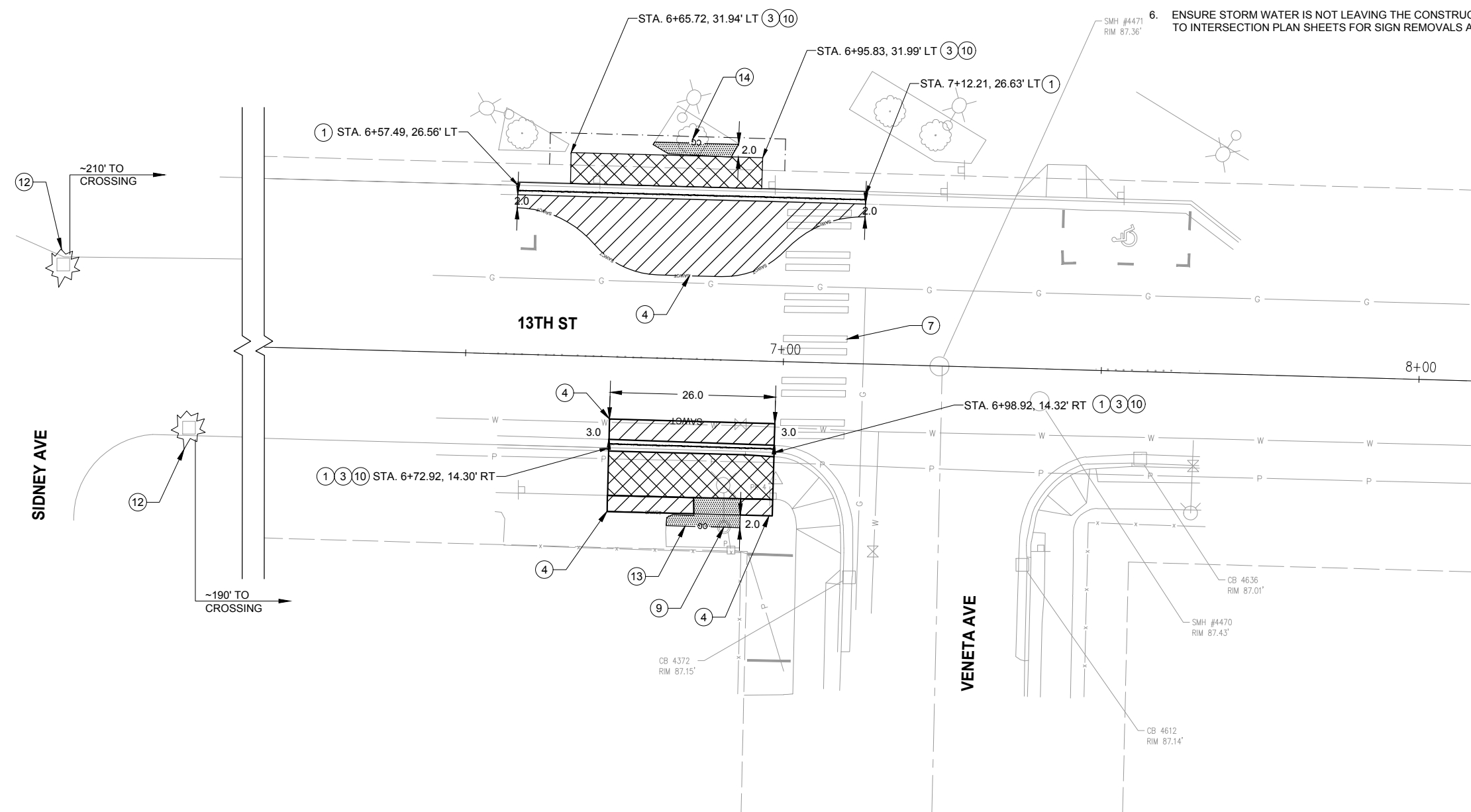
FILE: SP-2 LAYOUT; SP-2 LAYOUT; DKS\SEA\Company\Projects\22\22281-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD PLOTTED BY: catherine.tower DATE: Wednesday, August 6, 2025 13:50:09

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- 7 REMOVE EXISTING PAVEMENT MARKINGS FOR ENTIRE CROSSWALK.
- 8 ADJUST EXISTING UTILITY TO FINISH GRADE.
- 9 MAINTAIN AND PROTECT EXISTING UTILITY.
- 10 WHERE NOTED, REMOVE SIDEWALK TO NEAREST CONSTRUCTION JOINT.
- 11 REMOVE EXISTING TREE.
- 12 INSTALL STORM DRAIN INLET PROTECTION PER WSDOT STD PLAN I-40.20-00.
- 13 CLEARING AND GRUBBING.
- 14 MAINTAIN AND PROTECT EXISTING TREE.



**LEGEND**

- EXISTING RIGHT OF WAY
- TEMPORARY CONSTRUCTION EASEMENT
- SAWCUT
- REMOVE CURB AND/OR GUTTER
- CLEARING AND GRUBBING
- REMOVE ASPHALT CONCRETE PAVEMENT
- REMOVE EXISTING SIDEWALK OR TRAFFIC ISLAND
- INLET PROTECTION



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**SCALE:**  
1" = 10' HORIZONTAL



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NO.	REVISIONS	DATE	BY

**CITY OF BREMERTON**  
DEPARTMENT OF PUBLIC WORKS & UTILITIES  
ENGINEERING DIVISION

DESIGN BY: TSC/CRT  
WA P.E.# DATE: 08/06/25

DRAWN BY: RAS  
DATE: 08/06/25

CHECKED BY: JXL  
WA P.E.# 40628 DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:  
S14, T24N, R1E

GRANT/LOAN INFORMATION  
Federal Aid Number:  
HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
VENETA AVE AVE AND 13TH ST  
SITE PREPARATION PLAN

SHEET  
13 OF 45

PN:  
DWG  
SP-3

FILE: SP-3 LAYOUT: SP-3 PATH: L:\AI-DKS\SEA\Company\Projects\22\22281-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD PLOTTED BY: catherine.tower DATE: Wednesday, August 6, 2025 13:50:23



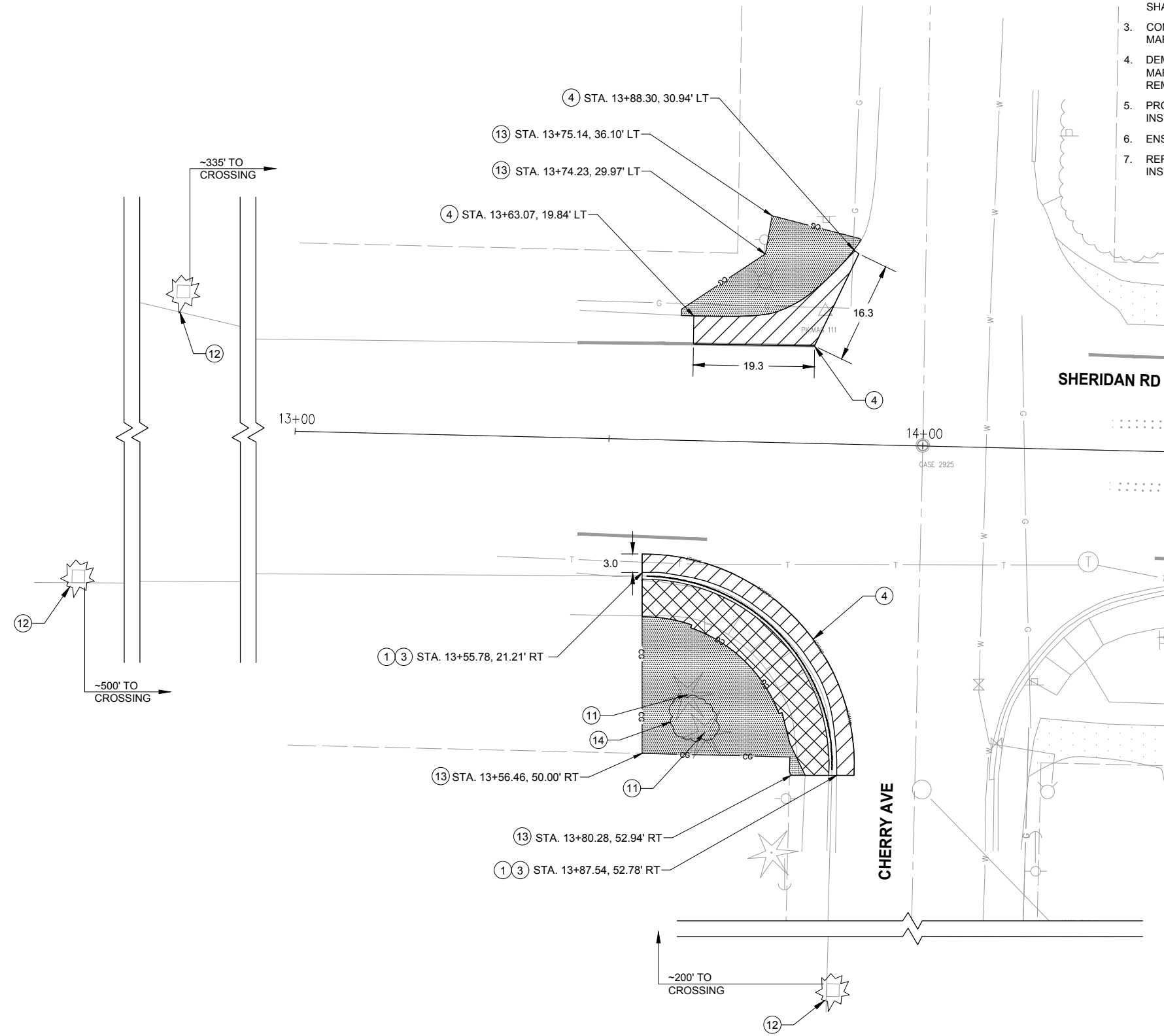


**GENERAL NOTES**

1. ALL PROPERTY ADJACENT TO THE PROJECT LIMITS SHALL BE PROTECTED DURING CONSTRUCTION. THIS INCLUDES BUT IS NOT LIMITED TO UTILITY AND TELECOM VAULTS, LANDSCAPING, SIDEWALK, CURB AND GUTTER. ANY DAMAGE SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
2. UNLESS OTHERWISE NOTED, ALL DEMOLISHED STRUCTURES AND MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED TO AN APPROVED OFF-SITE WASTE FACILITY.
3. CONTRACTOR TO PRESERVE AND PROTECT ALL EXISTING UTILITIES NOT MARKED FOR REMOVAL OR ADJUSTMENT.
4. DEMOLITION LIMITS ARE APPROXIMATE. REMOVAL LIMITS SHALL BE MARKED IN THE FIELD BY THE CONTRACTOR AND ENGINEER PRIOR TO REMOVALS.
5. PROTECT AND MAINTAIN ALL MONUMENT CASES DURING REMOVAL AND INSTALLATION OF PAVEMENT MARKINGS.
6. ENSURE STORM WATER IS NOT LEAVING THE CONSTRUCTION SITE.
7. REFER TO INTERSECTION PLAN SHEETS FOR SIGN REMOVALS AND INSTALLATIONS.

**SITE PREPARATION NOTES**

- 1 REMOVE CEMENT CONC. CURB AND GUTTER.
- 2 REMOVE CEMENT CONC. PEDESTRIAN CURB.
- 3 REMOVE CEMENT CONC. SIDEWALK OR TRAFFIC ISLAND.
- 4 FULL DEPTH SAWCUT EXISTING ASPHALT PAVEMENT.
- 5 NOT USED.
- 6 NOT USED.
- 7 REMOVE EXISTING PAVEMENT MARKINGS FOR ENTIRE CROSSWALK.
- 8 ADJUST EXISTING UTILITY TO FINISH GRADE.
- 9 MAINTAIN AND PROTECT EXISTING UTILITY.
- 10 WHERE NOTED, REMOVE SIDEWALK TO NEAREST CONSTRUCTION JOINT.
- 11 REMOVE EXISTING TREE.
- 12 INSTALL STORM DRAIN INLET PROTECTION PER WSDOT STD PLAN I-40.20-00.
- 13 CLEARING AND GRUBBING.
- 14 REMOVE TREE BUSHES AND LEVEL THE GROUND.

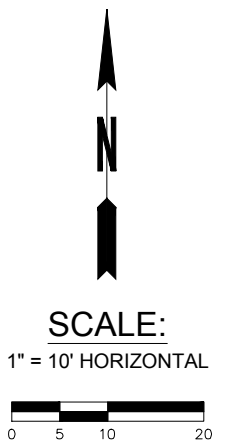


**LEGEND**

- EXISTING RIGHT OF WAY
- TEMPORARY CONSTRUCTION EASEMENT
- SAWCUT
- REMOVE CURB AND/OR GUTTER
- CLEARING AND GRUBBING
- REMOVE ASPHALT CONCRETE PAVEMENT
- REMOVE EXISTING SIDEWALK OR TRAFFIC ISLAND
- INLET PROTECTION



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**CITY OF BREMERTON**  
**DEPARTMENT OF PUBLIC WORKS & UTILITIES**  
**ENGINEERING DIVISION**

DESIGN BY: TSC/CRT      DRAWN BY: RAS      CHECKED BY: JXL  
 WA P.E.#      DATE: 08/06/25      DATE: 08/06/25      WA P.E.# 40628      DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:  
 S12, T24N, R1E

GRANT/LOAN INFORMATION  
 Federal Aid Number:  
 HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**CHERRY AVE AND SHERIDAN RD**  
**SITE PREPARATION PLAN**

SHEET  
**16 OF 45**

PN:  
**DWG**  
**SP-6**

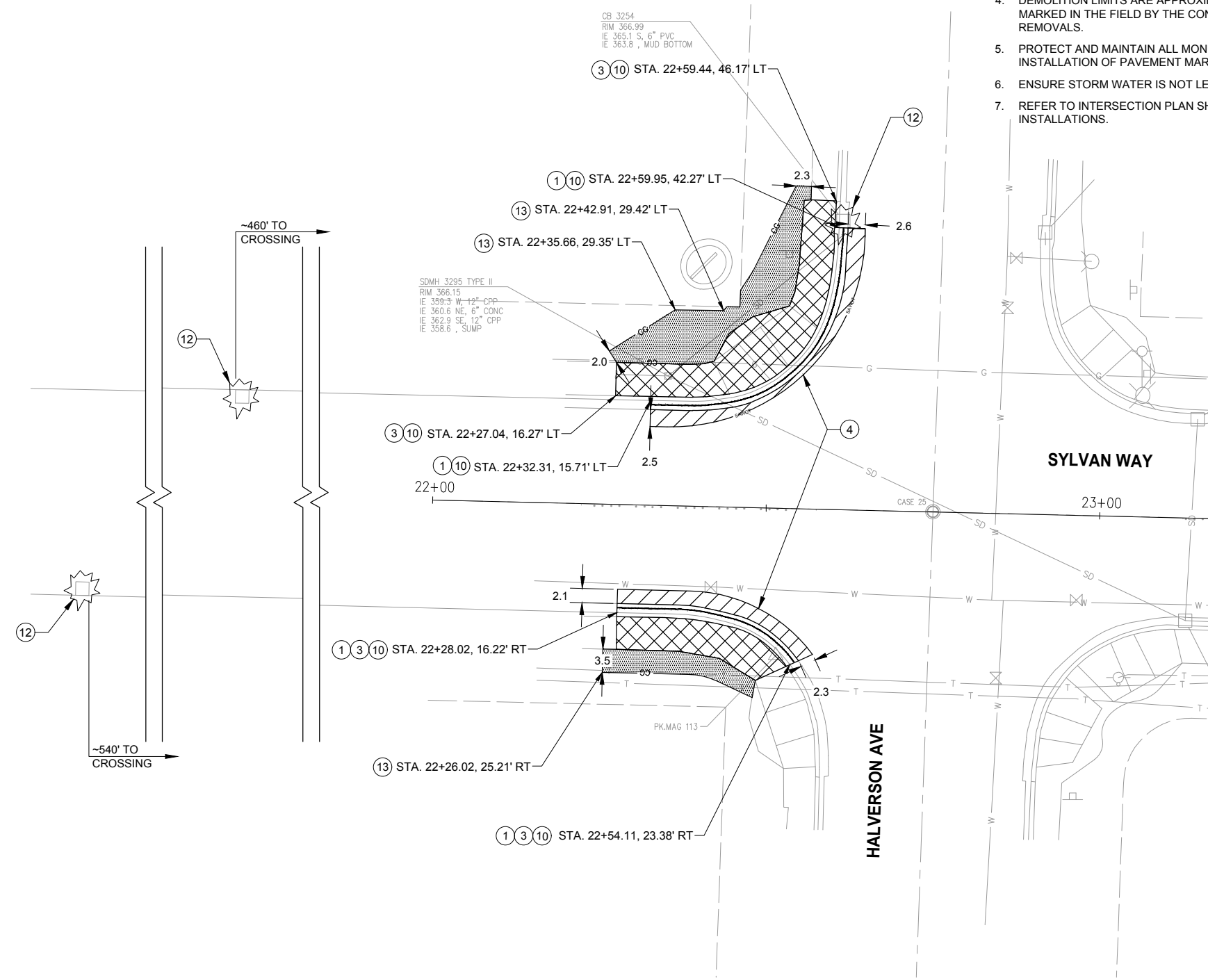
FILE: SP-6 LAYOUT: SP-6 PATH: L:\AI-DKS\SEA\Company\Projects\22\2281-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD PLOTTED BY: catherine.tower DATE: Wednesday, August 6, 2025 13:51:04

**GENERAL NOTES**

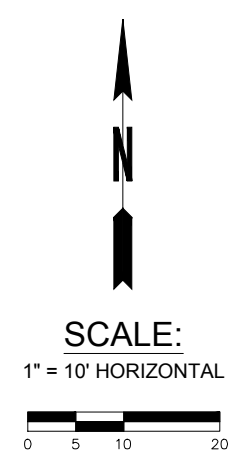
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7. REFER TO INTERSECTION PLAN SHEETS FOR SIGN REMOVALS AND INSTALLATIONS.

**SITE PREPARATION NOTES**

- 1 REMOVE CEMENT CONC. CURB AND GUTTER.
- 2 REMOVE CEMENT CONC. PEDESTRIAN CURB.
- 3 REMOVE CEMENT CONC. SIDEWALK OR TRAFFIC ISLAND.
- 4 FULL DEPTH SAWCUT EXISTING ASPHALT PAVEMENT.
- 5 NOT USED.
- 6 NOT USED.
- 7 REMOVE EXISTING PAVEMENT MARKINGS FOR ENTIRE CROSSWALK.
- 8 ADJUST EXISTING UTILITY TO FINISH GRADE.
- 9 MAINTAIN AND PROTECT EXISTING UTILITY.
- 10 WHERE NOTED, REMOVE SIDEWALK TO NEAREST CONSTRUCTION JOINT.
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- 12 INSTALL STORM DRAIN INLET PROTECTION PER WSDOT STD PLAN I-40.20-00.
- 13 CLEARING AND GRUBBING.



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**ENGINEERING DIVISION**

DESIGN BY: TSC/CRT      DRAWN BY: RAS      CHECKED BY: JXL  
 WA P.E.#      DATE: 08/06/25      DATE: 08/06/25      WA P.E.# 40628      DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:  
 S1, T24N, R1E

GRANT/LOAN INFORMATION  
 Federal Aid Number:  
 HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**HALVERSON AVE AND SYLVAN WAY**  
**SITE PREPARATION PLAN**

SHEET  
**17 OF 45**

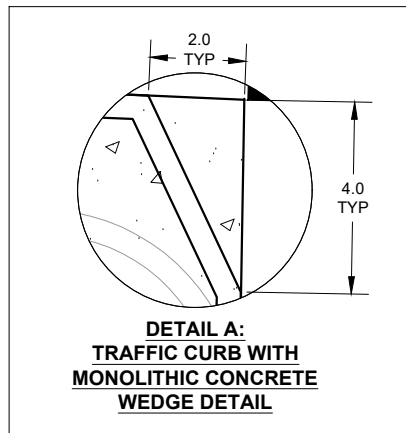
PN:  
**DWG**  
**SP-7**

FILE: SP-7 LAYOUT: SP-7 PATH: L:\AI\DKS\SEA\Company\Projects\22\22281-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD PLOTTED BY: catherine.tower DATE: Wednesday, August 6, 2025 13:51:15



POLE SCHEDULE							
X	FIELD LOCATION			POLE TYPE	POLE HEIGHT	PPB ATTACHMENT ANGLE*	NOTE
	STATION	OFFSET	ELEVATION**				
1	2+37.4	29.0' LT	58.81'	FB	14'	180°	FB POLE TO BE WITHIN ROW
2	2+32.31	3.75' RT	59.17'	FB	14'	N/A	
3	2+32.62	34.24' RT	58.35'	FB	14'	180°	
4	1+67.97	33.85' RT	58.49'	FB	14'	0°	
5	1+64.91	3.71' RT	59.73'	FB	14'	N/A	
6	1+68.27	32.11' LT	59.67'	FB	14'	0°	
7	2+29.20	32.81' LT	58.72'	PPB	5'	180°	PPB POLE TO BE WITHIN ROW

\* ATTACHMENT ANGLE MEASURED CLOCKWISE FROM DUE NORTH  
 \*\* ELEVATION IS OF TOP OF FOUNDATION. TOP OF FOUNDATION SHALL MATCH TOP OF SIDEWALK OR ASPHALT OR CURB FOR CURB INTEGRATED FOUNDATION



**SIGN SCHEDULE**

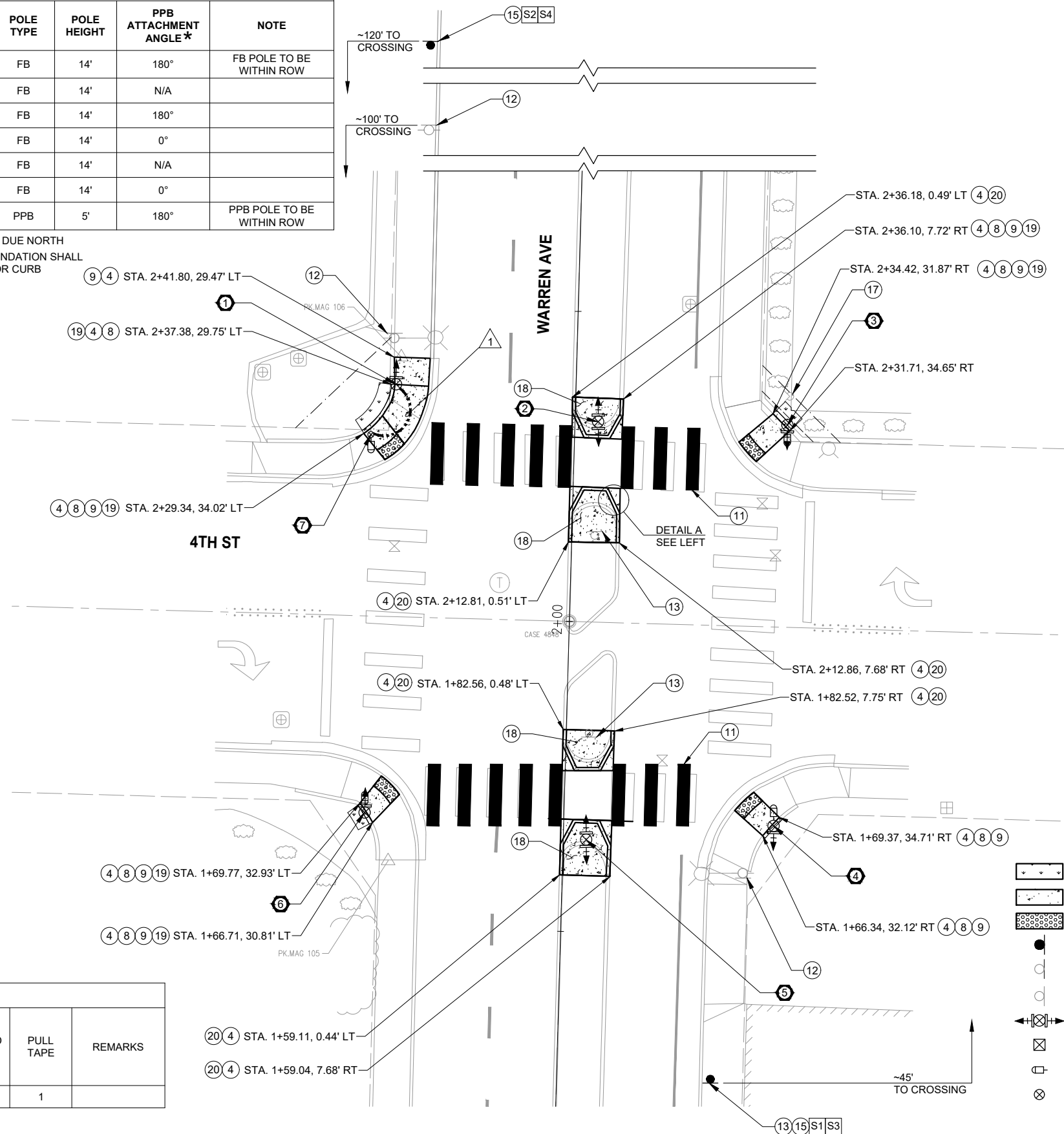


S1 S2  
 36"x36"  
 W11-2  
 INSTALL SIGN TO NEW POST

**AHEAD**

S3 S4  
 30"x18"  
 W16-9P  
 INSTALL PLAQUE UNDER W11-2

WIRING SCHEDULE					
RUN NO.	SPAN OR CONDUIT SIZE	PPB (2CS)	GROUND #8	PULL TAPE	REMARKS
1	1" SCH 80 PVC	1	1	1	



**CONSTRUCTION NOTES**

- INSTALL SLIP BASE FOUNDATION PER WSDOT STD PLAN J-21.10-05. FURNISH AND INSTALL ONE SOLAR POWERED RRFB ASSEMBLY INCLUDING ONE FB POLE, ONE RRFB (WITH SIDE EMITTING PEDESTRIAN CONFIRMATION LIGHTS), AND W11-2 SIGNS PER RRFB ASSEMBLY DETAIL ON DT-1.
- INSTALL FB SLIP BASE FOUNDATION PER WSDOT STD PLAN J-21.10-05. FURNISH AND INSTALL ONE SOLAR POWERED RRFB ASSEMBLY INCLUDING ONE FB POLE, TWO RRFBs (BI-DIRECTIONAL, WITH SIDE EMITTING PEDESTRIAN CONFIRMATION LIGHTS), AND W11-2 SIGNS PER RRFB ASSEMBLY DETAIL ON DT-1.
- INSTALL FB CURB INTEGRATED SLIP BASE FOUNDATION PER WSDOT STD PLAN J-21.10-05. FURNISH AND INSTALL ONE SOLAR POWERED RRFB ASSEMBLY INCLUDING ONE FB POLE, ONE RRFB (WITH SIDE EMITTING PEDESTRIAN CONFIRMATION LIGHTS), W11-2 SIGNS PER RRFB ASSEMBLY DETAIL ON DT-1, AND ONE PEDESTRIAN PUSH BUTTON.
- INSTALL FB CURB INTEGRATED SLIP BASE FOUNDATION PER WSDOT STD PLAN J-21.10-05. FURNISH AND INSTALL ONE SOLAR POWERED RRFB ASSEMBLY INCLUDING ONE FB POLE, ONE RRFB (WITH SIDE EMITTING PEDESTRIAN CONFIRMATION LIGHTS), W11-2 SIGNS PER RRFB ASSEMBLY DETAIL ON DT-1, AND ONE PEDESTRIAN PUSH BUTTON.
- INSTALL FB SLIP BASE FOUNDATION PER WSDOT STD PLAN J-21.10-05. FURNISH AND INSTALL ONE SOLAR POWERED RRFB ASSEMBLY INCLUDING ONE FB POLE, TWO RRFBs (BI-DIRECTIONAL, WITH SIDE EMITTING PEDESTRIAN CONFIRMATION LIGHTS), AND W11-2 SIGNS PER RRFB ASSEMBLY DETAIL ON DT-1.
- INSTALL FB CURB INTEGRATED SLIP BASE FOUNDATION PER WSDOT STD PLAN J-21.10-05. FURNISH AND INSTALL ONE SOLAR POWERED RRFB ASSEMBLY INCLUDING ONE FB POLE, ONE RRFB (WITH SIDE EMITTING PEDESTRIAN CONFIRMATION LIGHTS), W11-2 SIGNS PER RRFB ASSEMBLY DETAIL ON DT-1, AND ONE PEDESTRIAN PUSH BUTTON.
- INSTALL PEDESTRIAN PUSH BUTTON POST FOUNDATION PER WSDOT STD PLAN J-20.15-04. FURNISH AND INSTALL ONE PEDESTRIAN PUSH BUTTON POST WITH ONE PEDESTRIAN PUSH BUTTON.
- CONSTRUCT CEMENT CONCRETE TRAFFIC CURB AND GUTTER, PER DETAIL ON DT-1.
- CONSTRUCT CEMENT CONCRETE SIDEWALK PER COB STD PLAN 3101.
- CONSTRUCT ASPHALT CONCRETE PAVEMENT, PER DETAIL 1 ON SHEET DT-1.
- CONSTRUCT CURB RAMP, TYPE PARALLEL PER WSDOT STD PLAN F-40.12-03. SEE RESPECTIVE CURB RAMP SHEET FOR DETAILS.
- CONSTRUCT CURB RAMP, TYPE PERPENDICULAR PER WSDOT STD PLAN F-40.15-04. SEE RESPECTIVE CURB RAMP SHEET FOR DETAILS.
- CONSTRUCT CEMENT CONCRETE PEDESTRIAN CURB PER WSDOT STD PLAN F-10.12-04.
- WHERE NOTED, EXTEND CONSTRUCTION TO EXISTING CONSTRUCTION JOINT. MATCH EXISTING.
- REMOVE AND REPLACE CATCH BASIN FRAME AND GRATE PER COB STD PLAN 4013.
- PLASTIC CROSSWALK LINE, PER COB STD PLAN 3257.
- REMOVE EXISTING SIGNS FROM WOOD POLE.
- REMOVE EXISTING SIGNS. REMOVE EXISTING POST AND SALVAGE TO CITY.
- NOT USED.
- INSTALL NEW SIGN POST PER COB STD PLAN 3251 AND NEW SIGNS.
- INSTALL NEW SIGNS ON EXISTING WOOD POLE
- MAINTAIN EXISTING IRRIGATION.
- 6" PIGMENTED CONCRETE FOR MEDIAN ISLAND, CLASS 3000 CONCRETE, JOINT AND FINISH PER COB STD PLAN 3101. COLOR SHALL BE DAVIS "TILE RED" OR APPROVED SUBSTITUTE. REFER TO SPECIFICATIONS FOR MORE DETAILS.
- RESTORATION. MATCH EXISTING LANDSCAPE.
- CONSTRUCT CEMENT CONCRETE TRAFFIC CURB PER WSDOT STD PLAN F-10.12-04.

**LEGEND**

- RESTORATION
- CONCRETE SIDEWALK
- DETECTABLE WARNING STRIP
- PROPOSED SIGN AND POST
- PROPOSED SIGN ON EXISTING POST
- EXISTING SIGN AND POST
- RRFB ASSEMBLY
- JUNCTION BOX
- PUSHBUTTON
- PEDESTRIAN PUSH BUTTON POST
- CONDUIT
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- TEMPORARY CONSTRUCTION EASEMENT



**SCALE:**  
 1" = 10' HORIZONTAL



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**CITY OF BREMERTON**  
 DEPARTMENT OF PUBLIC WORKS & UTILITIES  
 ENGINEERING DIVISION

DESIGN BY: TSC/CRT  
 WA P.E.# DATE: 08/06/25

DRAWN BY: RAS  
 DATE: 08/06/25

CHECKED BY: JXL  
 WA P.E.# 40628 DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:  
 S14, T24N, R1E

GRANT/LOAN INFORMATION  
 Federal Aid Number:  
 HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**WARREN AVE AND 4TH ST**  
**INTERSECTION PLAN**

SHEET  
**19 OF 45**

PN:  
**DWG**  
**C-1**

FILE: C-1\_EXHIBIT A LAYOUT: C-1 PATH: L:\AI-BKS\SEA\Company\Projects\22\22291-000 Bremerton Systemic Ped Treatment - RRFB\03\_Design\04\_CAD PLOTTED BY: tulsichudgr DATE: Monday, August 18, 2025 4:26:05 PM





POLE SCHEDULE							
X	FIELD LOCATION			POLE TYPE	POLE HEIGHT	PPB ATTACHMENT ANGLE*	NOTE
	STATION	OFFSET	ELEVATION**				
1	9+68.69	27.62' LT	283.66'	FB	14'	180°	
2	9+70.01	29.47' RT	284.71	FB	14'	0°	

WIRING SCHEDULE					
1	SPAN OR CONDUIT SIZE	GROUND #8	POWER #8	PULL TAPE	NOTE
1	2" SCH 80 PVC	1	2	1	

\* ATTACHMENT ANGLE MEASURED CLOCKWISE FROM DUE NORTH  
 \*\* ELEVATION IS OF TOP OF FOUNDATION. TOP OF FOUNDATION SHALL MATCH TOP OF SIDEWALK OR ASPHALT OR CURB FOR CURB INTEGRATED FOUNDATION

**SIGN SCHEDULE**

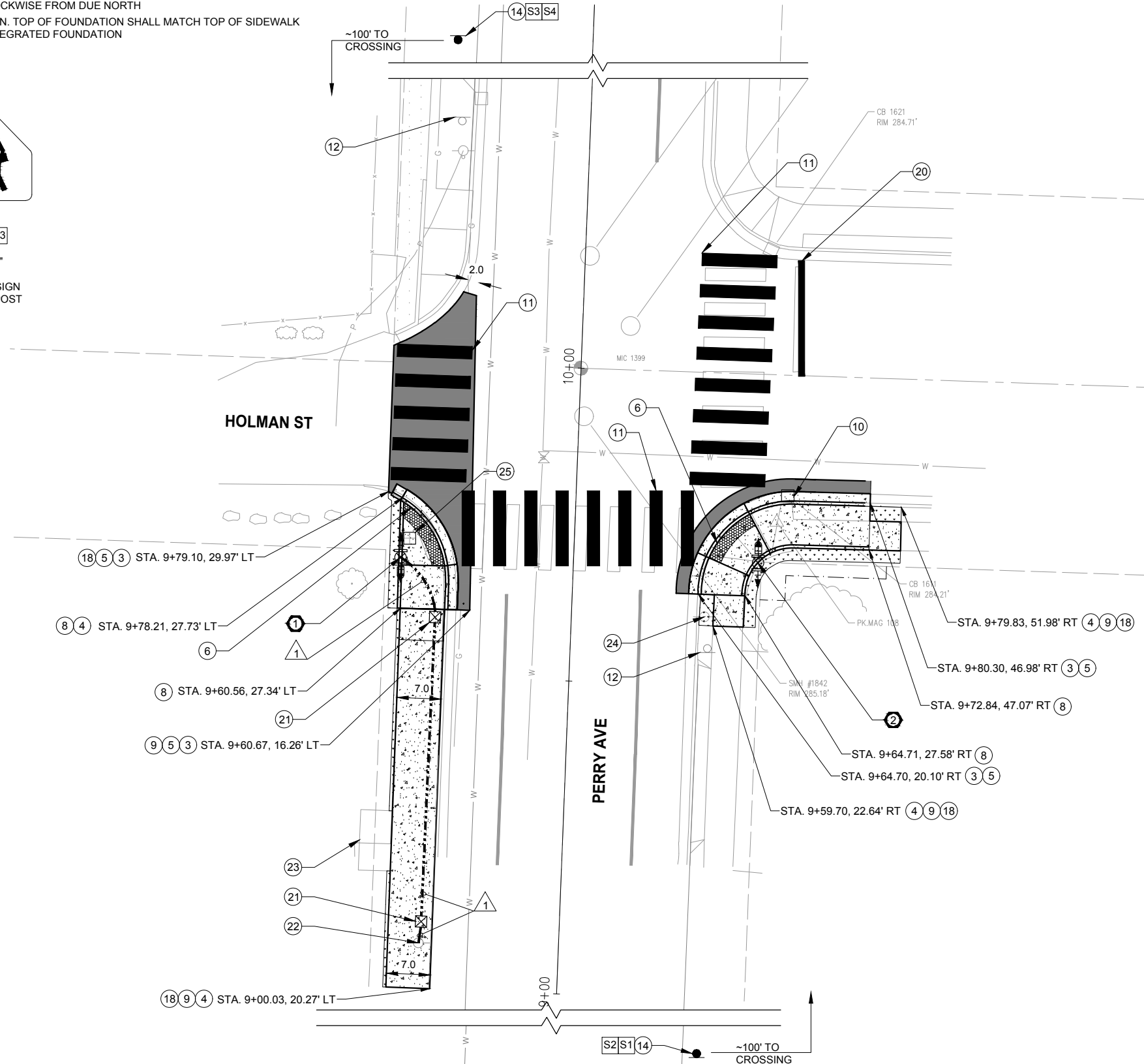


S2 S4

24"x12"  
W16-9P  
INSTALL PLAQUE  
UNDER  
S1-1

S1 S3

30"x30"  
S1-1  
INSTALL SIGN  
ON NEW POST



**CONSTRUCTION NOTES**

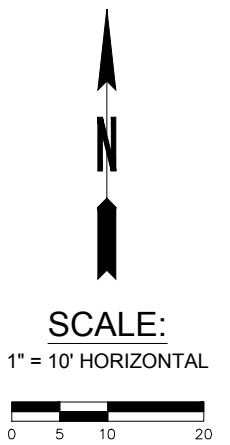
- INSTALL FB CURB INTEGRATED SLIP BASE FOUNDATION PER WSDOT STD PLAN J-21.10-05. FURNISH AND INSTALL ONE AC POWERED RRFB ASSEMBLY INCLUDING ONE FB POLE, ONE CONTROLLER CABINET WITH RADIO COMMUNICATION DEVICE, TWO RRFBs (BI-DIRECTIONAL, WITH SIDE EMITTING PEDESTRIAN CONFIRMATION LIGHTS), S1-1 SIGNS PER RRFB ASSEMBLY DETAIL ON DT-1, AND ONE PEDESTRIAN PUSH BUTTON.
- INSTALL FB CURB INTEGRATED SLIP BASE FOUNDATION PER WSDOT STD PLAN J-21.10-05. FURNISH AND INSTALL ONE SOLAR POWERED RRFB ASSEMBLY INCLUDING ONE FB POLE, ONE RADIO COMMUNICATION DEVICE, TWO RRFBs (BI-DIRECTIONAL, WITH SIDE EMITTING PEDESTRIAN CONFIRMATION LIGHTS), S1-1 SIGNS PER RRFB ASSEMBLY DETAIL ON DT-1, AND ONE PEDESTRIAN PUSH BUTTON.
- CONSTRUCT CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER DETAIL ON DT-1.
- CONSTRUCT CEMENT CONCRETE SIDEWALK PER COB STD PLAN 3101.
- CONSTRUCT ASPHALT CONCRETE PAVEMENT, PER DETAIL 1 ON SHEET DT-1.
- CONSTRUCT CURB RAMP, TYPE PARALLEL PER WSDOT STD PLAN F-40.12-03. SEE RESPECTIVE CURB RAMP SHEET FOR DETAILS.
- CONSTRUCT CURB RAMP, TYPE PERPENDICULAR PER WSDOT STD PLAN F-40.15-04. SEE RESPECTIVE CURB RAMP SHEET FOR DETAILS.
- CONSTRUCT CEMENT CONCRETE PEDESTRIAN CURB PER WSDOT STD PLAN F-10.12-04.
- WHERE NOTED, EXTEND CONSTRUCTION TO EXISTING CONSTRUCTION JOINT. MATCH EXISTING.
- REMOVE AND REPLACE CATCH BASIN FRAME AND GRATE PER COB STD PLAN 4013.
- PLASTIC CROSSWALK LINE, PER COB STD PLAN 3257.
- REMOVE EXISTING SIGNS. REMOVE EXISTING POST AND SALVAGE TO CITY.
- REMOVE EXISTING SIGN ON EXISTING POST. INSTALL NEW SIGNS ON EXISTING POST.
- INSTALL NEW SIGN POST PER COB STD PLAN 3251 AND NEW SIGNS.
- INSTALL NEW SIGNS TO WOOD POLE.
- REMOVE EXISTING SIGNS ON EXISTING POST. MAINTAIN EXISTING POST.
- NOT USED.
- RESTORATION. MATCH EXISTING LANDSCAPE.
- NOT USED.
- INSTALL PLASTIC STOP LINE, PER COB STD PLAN 3265.
- FURNISH AND INSTALL TYPE 1 JUNCTION BOX PER WSDOT STD PLAN J-40.10-04.
- MAINTAIN AND PROTECT EXISTING WOOD POWER POLE. INSTALL 10' 2-INCH RISER ON THE POLE WITH 45' WIRE COIL. PROVIDE 25' 2-INCH RISER AND WEATHER HEAD FOR PSE TO FINISH THE POWER CONNECTION. CITY TO COORDINATE WITH PSE.
- MAINTAIN AND PROTECT EXISTING CONCRETE PAD.
- MAINTAIN AND PROTECT EXISTING WOOD POLE.
- REMOVE AND REPLACE EXISTING WATER METER BOX.

**LEGEND**

	RESTORATION		PEDESTRIAN PUSH BUTTON POST
	CONCRETE SIDEWALK		CONDUIT
	NEW ASPHALT PAVEMENT		EXISTING RIGHT OF WAY
	DETECTABLE WARNING STRIP		PROPOSED RIGHT OF WAY
	PROPOSED SIGN AND POST		TEMPORARY CONSTRUCTION EASEMENT
	EXISTING SIGN AND POST		
	RRFB ASSEMBLY		
	JUNCTION BOX		
	PUSHBUTTON		



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**CITY OF BREMERTON**  
 DEPARTMENT OF PUBLIC WORKS & UTILITIES  
 ENGINEERING DIVISION

DESIGN BY: TSC/CRT  
 WA P.E.# DATE: 08/06/25

DRAWN BY: RAS  
 DATE: 08/06/25

CHECKED BY: JXL  
 WA P.E.# 40628 DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:  
S12, T24N, R1E

GRANT/LOAN INFORMATION  
 Federal Aid Number:  
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**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**PERRY AVE AND HOLMAN ST**  
**INTERSECTION PLAN**

SHEET  
22 OF 45

PN:  
DWG  
C-4

FILE: C-4\_EXHIBIT D LAYOUT: C-4 PATH: L:\AI-DKS\SEA\Company\Projects\22\22281-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD PLOTTED BY: catherine.tower DATE: Wednesday, August 6, 2025 13:54:50

POLE SCHEDULE							
X	FIELD LOCATION			POLE TYPE	POLE HEIGHT	PPB ATTACHMENT ANGLE *	NOTE
	STATION	OFFSET	ELEVATION **				
1	11+68.99	24.84 LT	302.45'	FB	14'	0	
2	11+69.38	28.98' RT	302.39'	FB	14'	0	

\* ATTACHMENT ANGLE MEASURED CLOCKWISE FROM DUE NORTH  
 \*\* ELEVATION IS OF TOP OF FOUNDATION. TOP OF FOUNDATION SHALL MATCH TOP OF SIDEWALK OR ASPHALT OR CURB FOR CURB INTEGRATED FOUNDATION

**SIGN SCHEDULE**



**AHEAD**

S1 S3

30"x30"  
S1-1  
INSTALL SIGN  
TO NEW POST

S2 S4

24"x12"  
W16-9P  
INSTALL PLAQUE  
UNDER  
S1-1

**Perry Ave**

**Magnuson Way**

S5

VARIES"x9"  
SNS (DOUBLE SIDED)  
INSTALL SIGN  
ON NEW POST

S6

VARIES"x9"  
SNS (DOUBLE SIDED)  
INSTALL SIGN UNDER S6



**Magnuson Way**

S9

VARIES"x9"  
SNS (DOUBLE SIDED)  
INSTALL SIGN  
ON NEW POST

S7

30"x30"  
R1-1  
INSTALL SIGN  
UNDER S6

**Perry Ave**

S10

VARIES"x9"  
SNS (DOUBLE SIDED)  
INSTALL SIGN  
UNDER S9

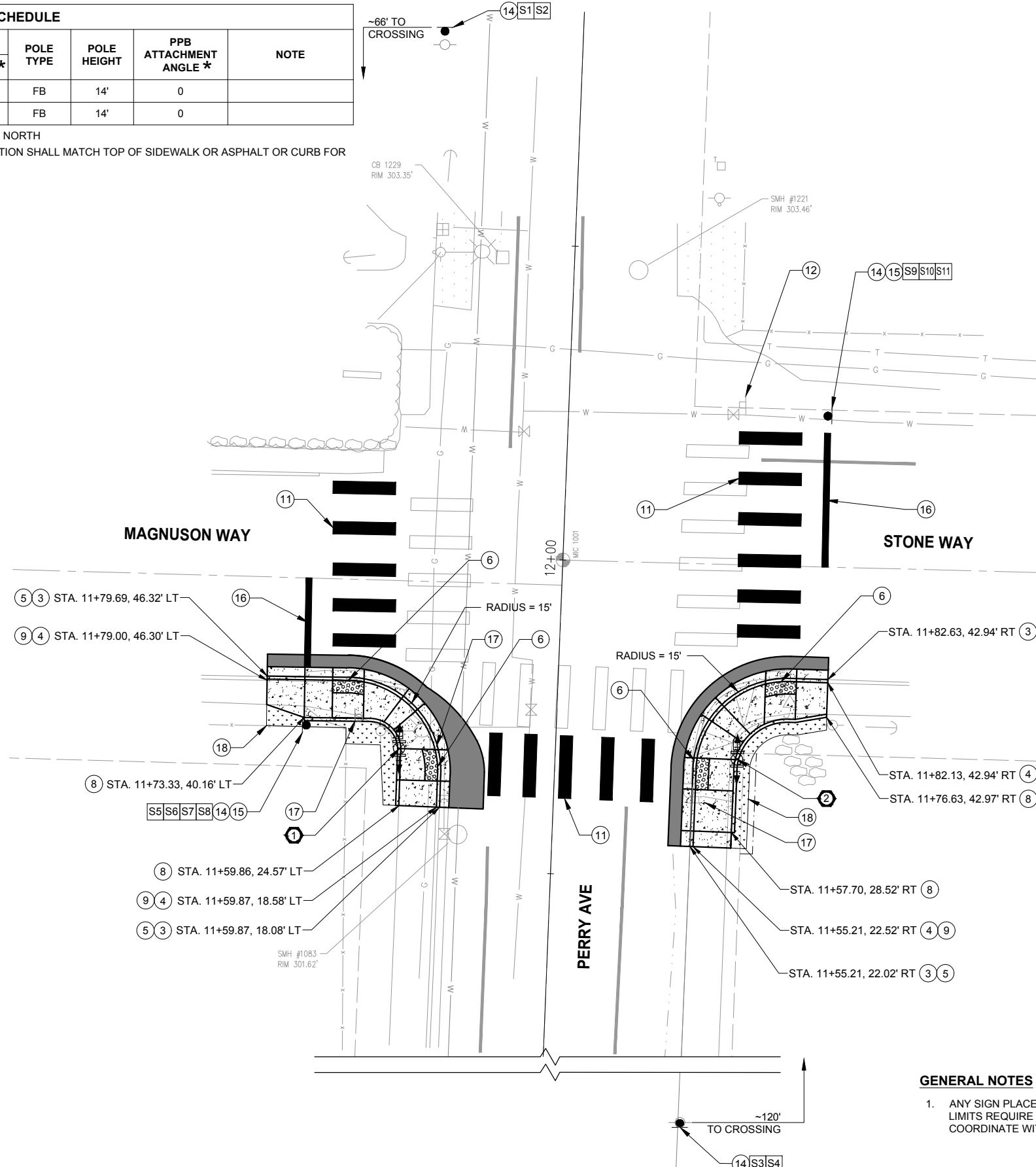
S8

NO  
PARKING  
WITHIN  
30 FT



S11

30"x30"  
R1-1  
INSTALL SIGN  
UNDER S10



**CONSTRUCTION NOTES**

- INSTALL TYPE FB CURB INTEGRATED SLIP BASE FOUNDATION PER WSDOT STD PLAN J-21.10-05. FURNISH AND INSTALL ONE SOLAR POWERED RRFB ASSEMBLY INCLUDING ONE TYPE FB POLE, TWO RRFBs (BI-DIRECTIONAL, WITH SIDE EMITTING PEDESTRIAN CONFIRMATION LIGHTS), AND S1-1 SIGNS PER RRFB ASSEMBLY DETAIL ON DT-1.
- INSTALL TYPE FB CURB INTEGRATED SLIP BASE FOUNDATION PER WSDOT STD PLAN J-21.10-05. FURNISH AND INSTALL ONE SOLAR POWERED RRFB ASSEMBLY INCLUDING ONE TYPE FB POLE, TWO RRFBs (BI-DIRECTIONAL, WITH SIDE EMITTING PEDESTRIAN CONFIRMATION LIGHTS), AND S1-1 SIGNS PER RRFB ASSEMBLY DETAIL ON DT-1.
- CONSTRUCT CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER DETAIL ON DT-1.
- CONSTRUCT CEMENT CONCRETE SIDEWALK PER COB STD PLAN 3101.
- CONSTRUCT ASPHALT CONCRETE PAVEMENT, PER DETAIL 1 ON SHEET DT-1.
- CONSTRUCT CURB RAMP, TYPE PARALLEL PER WSDOT STD PLAN F-40.12-03. SEE RESPECTIVE CURB RAMP SHEET FOR DETAILS.
- CONSTRUCT CURB RAMP, TYPE PERPENDICULAR PER WSDOT STD PLAN F-40.15-04. SEE RESPECTIVE CURB RAMP SHEET FOR DETAILS.
- CONSTRUCT CEMENT CONCRETE PEDESTRIAN CURB PER WSDOT STD PLAN F-10.12-04.
- WHERE NOTED, EXTEND CONSTRUCTION TO EXISTING CONSTRUCTION JOINT. MATCH EXISTING.
- REMOVE AND REPLACE CATCH BASIN FRAME AND GRATE PER COB STD PLAN 4013.
- PLASTIC CROSSWALK LINE, PER COB STD PLAN 3257.
- REMOVE EXISTING SIGNS. REMOVE EXISTING POST AND SALVAGE TO CITY.
- REMOVE EXISTING SIGN ON EXISTING POST. INSTALL NEW SIGNS ON EXISTING POST.
- INSTALL NEW SIGN POST PER COB STD PLAN 3251 AND NEW SIGNS.
- INSTALL STREET NAME SIGNS PER COB STD PLAN 3253.
- INSTALL PLASTIC STOP LINE, PER COB STD PLAN 3265.
- REMOVE EXISTING SIGNS. REMOVE EXISTING POST AND SCRAP.
- RESTORATION. MATCH EXISTING LANDSCAPE.

**LEGEND**

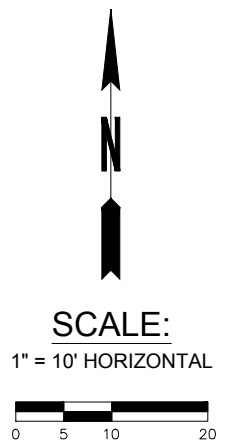
- RESTORATION
- CONCRETE SIDEWALK
- NEW ASPHALT PAVEMENT
- DETECTABLE WARNING STRIP
- PROPOSED SIGN AND POST
- PROPOSED SIGN ON EXISTING POST
- EXISTING SIGN AND POST
- RRFB ASSEMBLY
- JUNCTION BOX
- PUSHBUTTON
- PEDESTRIAN PUSH BUTTON POST
- CONDUIT
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- TEMPORARY CONSTRUCTION EASEMENT

**GENERAL NOTES**

- ANY SIGN PLACEMENTS THAT OCCURS BEYOND CITY LIMITS REQUIRE COUNTY PERMIT. CONTRACTOR TO COORDINATE WITH CITY AND COUNTY



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NO.	REVISIONS	DATE	BY

**CITY OF BREMERTON**  
 DEPARTMENT OF PUBLIC WORKS & UTILITIES  
 ENGINEERING DIVISION

DESIGN BY: TSC/CRT  
 WA P.E.# DATE: 08/06/25

DRAWN BY: RAS  
 DATE: 08/06/25

CHECKED BY: JXL  
 WA P.E.# 40628 DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:  
 S12, T24N, R1E

GRANT/LOAN INFORMATION  
 Federal Aid Number:  
 HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**PERRY AVE AND STONE WAY**  
**INTERSECTION PLAN**

SHEET  
 23 OF 45

PN:  
 DWG  
**C-5**

FILE: C-5\_EXHIBIT E LAYOUT: C-5 PATH: L:\AI-DKS\SEA\Company\Projects\23\22281-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD PLOTTED BY: catherine.tower DATE: Wednesday, August 6, 2025 13:55:05

**SIGN SCHEDULE**



S1 S3

30"x30"  
W11-2  
INSTALL SIGN TO  
NEW POST

AHEAD

S2 S4

24"x12"  
W16-9P  
INSTALL PLAQUE  
UNDER  
W11-2

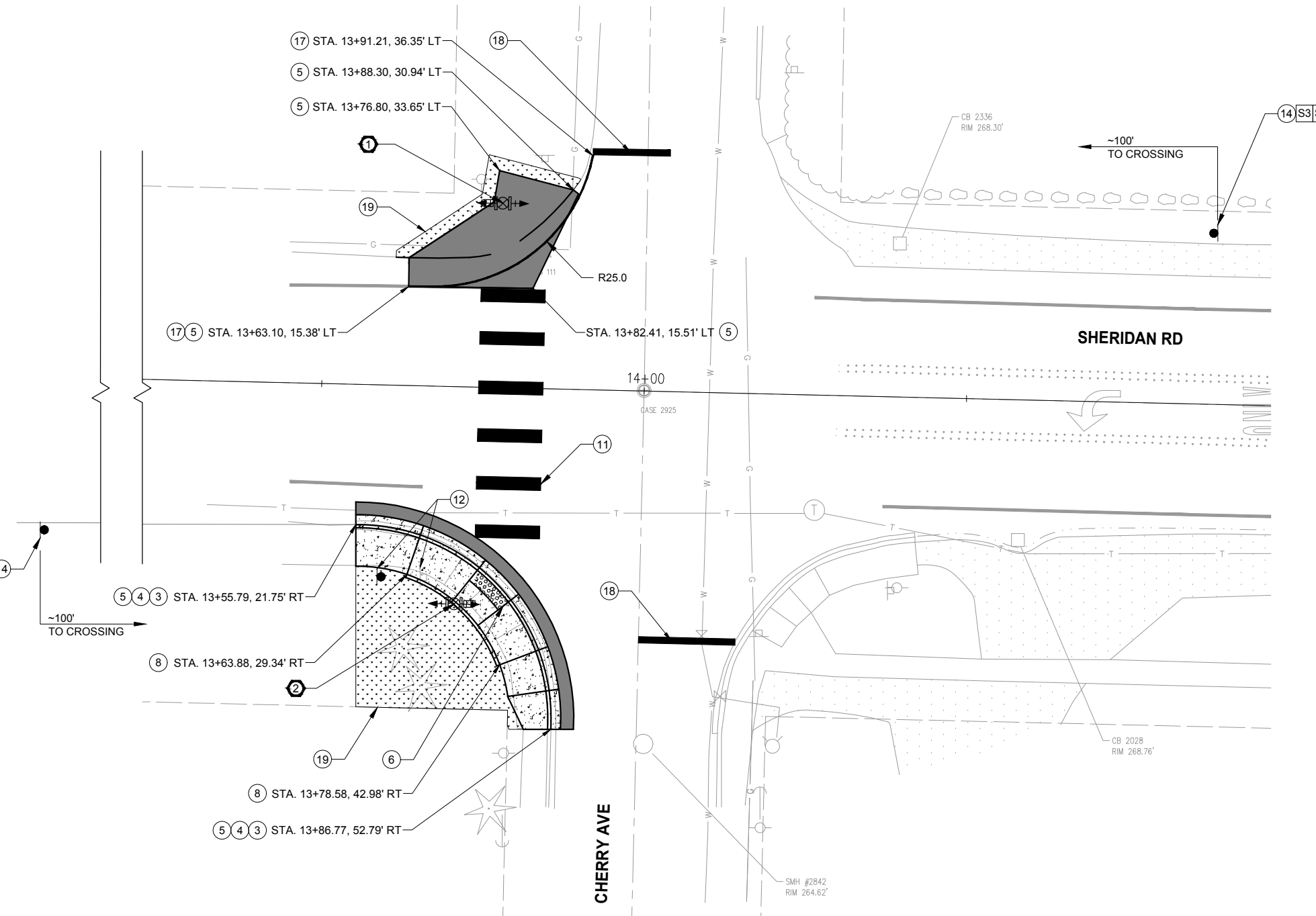
**POLE SCHEDULE**

NO	FIELD LOCATION			POLE TYPE	POLE HEIGHT	PPB ATTACHMENT ANGLE *	NOTE
	STATION	OFFSET	ELEVATION **				
1	13+77.43	28.61' LT	266.7'	FB	14'	270°	
2	13+71.30	33.70' RT	265.86'	FB	14'	90°	

\* ATTACHMENT ANGLE MEASURED CLOCKWISE FROM DUE NORTH  
 \*\* ELEVATION IS OF TOP OF FOUNDATION. TOP OF FOUNDATION SHALL MATCH TOP OF SIDEWALK OR ASPHALT OR CURB FOR CURB INTEGRATED FOUNDATION

**CONSTRUCTION NOTES**

- INSTALL FB SLIP BASE FOUNDATION PER WSDOT STD PLAN J-21.10-05. FURNISH AND INSTALL ONE SOLAR POWERED RRFB ASSEMBLY INCLUDING ONE FB POLE, TWO RRFBs (BI-DIRECTIONAL, WITH SIDE EMITTING PEDESTRIAN CONFIRMATION LIGHTS), W11-2 SIGNS PER RRFB ASSEMBLY DETAIL ON DT-1, AND ONE PEDESTRIAN PUSH BUTTON.
- INSTALL FB CURB INTEGRATED SLIP BASE FOUNDATION PER WSDOT STD PLAN J-21.10-05. FURNISH AND INSTALL ONE SOLAR POWERED RRFB ASSEMBLY INCLUDING ONE FB POLE, TWO RRFBs (BI-DIRECTIONAL, WITH SIDE EMITTING PEDESTRIAN CONFIRMATION LIGHTS), W11-2 SIGNS PER RRFB ASSEMBLY DETAIL ON DT-1, AND ONE PEDESTRIAN PUSH BUTTON.
- CONSTRUCT CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER DETAIL ON DT-1.
- CONSTRUCT CEMENT CONCRETE SIDEWALK PER COB STD PLAN 3101.
- CONSTRUCT ASPHALT CONCRETE PAVEMENT, PER DETAIL 1 ON SHEET DT-1.
- CONSTRUCT CURB RAMP, TYPE PARALLEL PER WSDOT STD PLAN F-40.12-03. SEE RESPECTIVE CURB RAMP SHEET FOR DETAILS.
- CONSTRUCT CURB RAMP, TYPE PERPENDICULAR PER WSDOT STD PLAN F-40.15-04. SEE RESPECTIVE CURB RAMP SHEET FOR DETAILS.
- CONSTRUCT CEMENT CONCRETE PEDESTRIAN CURB PER WSDOT STD PLAN F-10.12-04.
- WHERE NOTED, EXTEND CONSTRUCTION TO EXISTING CONSTRUCTION JOINT. MATCH EXISTING.
- REMOVE AND REPLACE CATCH BASIN FRAME AND GRATE PER COB STD PLAN 4013.
- PLASTIC CROSSWALK LINE, PER COB STD PLAN 3257.
- RELOCATE EXISTING SIGNS AND POST.
- REMOVE EXISTING SIGN ON EXISTING POST. INSTALL NEW SIGNS ON EXISTING POST.
- INSTALL NEW SIGN POST PER COB STD PLAN 3251 AND NEW SIGNS.
- INSTALL NEW SIGNS ON EXISTING WOOD POLE.
- REMOVE EXISTING SIGNS ON EXISTING POST. MAINTAIN EXISTING POST.
- INSTALL PAVING EDGE LINE PER COB STD PLAN 3265.
- INSTALL PLASTIC STOP LINE PER COB STD PLAN 3265.
- RESTORATION. MATCH EXISTING LANDSCAPE.

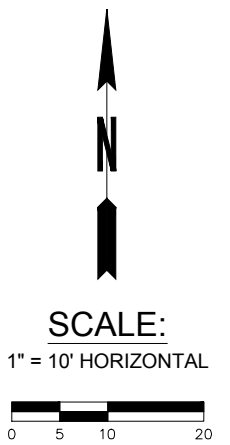


**LEGEND**

- RESTORATION
- CONCRETE SIDEWALK
- NEW ASPHALT PAVEMENT
- DETECTABLE WARNING STRIP
- PROPOSED SIGN AND POST
- PROPOSED SIGN ON EXISTING POST
- EXISTING SIGN AND POST
- RRFB ASSEMBLY
- JUNCTION BOX
- PUSHBUTTON
- PEDESTRIAN PUSH BUTTON POST
- CONDUIT
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- TEMPORARY CONSTRUCTION EASEMENT



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NO.	REVISIONS	DATE	BY

**CITY OF BREMERTON**  
 DEPARTMENT OF PUBLIC WORKS & UTILITIES  
 ENGINEERING DIVISION

DESIGN BY: TSC/CRT  
 WA P.E.# DATE: 08/06/25

DRAWN BY: RAS  
 DATE: 08/06/25

CHECKED BY: JXL  
 WA P.E.# 40628 DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:  
 S12, T24N, R1E

GRANT/LOAN INFORMATION  
 Federal Aid Number:  
 HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**CHERRY AVE AND SHERIDAN RD**  
**INTERSECTION PLAN**

SHEET  
 24 OF 45

PN:  
 DWG  
**C-6**

FILE: C-6\_EXHIBIT.F LAYOUT: C-6 PATH: L:\AI-DKS\SEA\Company\Projects\22\22281-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD PLOTTED BY: catherine.tower DATE: Wednesday, August 6, 2025 13:55:25

**SIGN SCHEDULE**



**AHEAD**

S1 S3

30"x30"  
W11-2  
INSTALL SIGN  
AND POST

S2 S4

24"x12"  
W16-9P  
INSTALL PLAQUE  
UNDER  
W11-2

**Spruce Ave**

**Sylvan Way**

S5

VARIESx9"  
SNS (DOUBLE SIDED)  
INSTALL SIGN ON  
NEW POST

S6

VARIESx9"  
SNS (DOUBLE SIDED)  
INSTALL SIGN UNDER S5



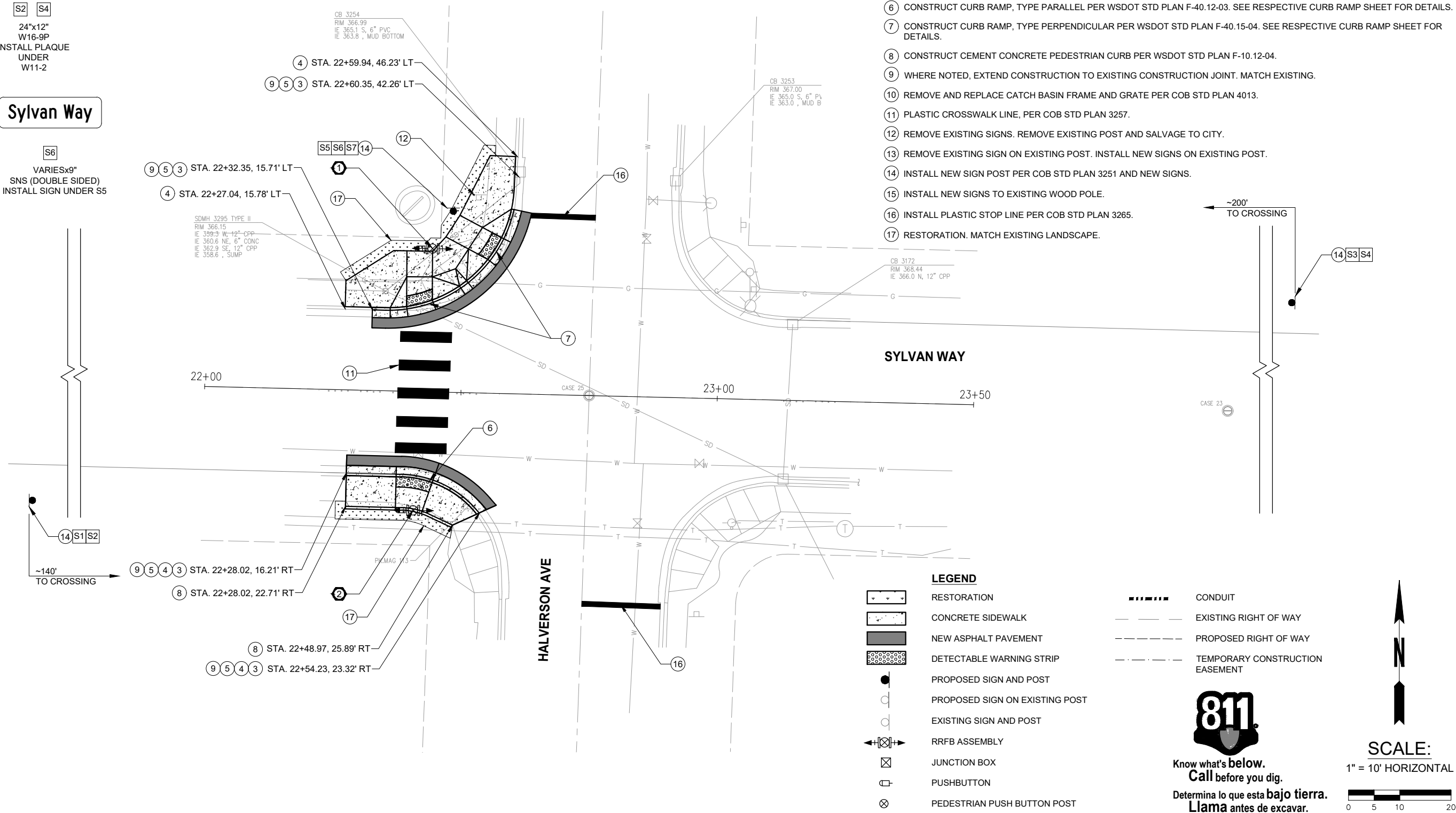
S7

30"x30"  
R1-1  
INSTALL SIGN UNDER S6

**POLE SCHEDULE**

X	FIELD LOCATION			POLE TYPE	POLE HEIGHT	PPB ATTACHMENT ANGLE *	NOTE
	STATION	OFFSET	ELEVATION **				
1	22+43.79	27.93' LT	366.47'	FB	14'	270°	
2	22+41.22	23.18' RT	366.28'	FB	14'	270°	

\* ATTACHMENT ANGLE MEASURED CLOCKWISE FROM DUE NORTH  
 \*\* ELEVATION IS OF TOP OF FOUNDATION. TOP OF FOUNDATION SHALL MATCH TOP OF SIDEWALK OR ASPHALT OR CURB FOR CURB INTEGRATED FOUNDATION



**CONSTRUCTION NOTES**

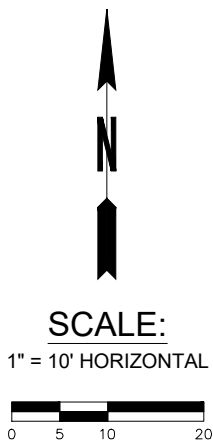
- INSTALL FB SLIP BASE FOUNDATION PER WSDOT STD PLAN J-21.10-05. FURNISH AND INSTALL ONE SOLAR POWERED RRFB ASSEMBLY INCLUDING ONE FB POLE, TWO RRFBS (BI-DIRECTIONAL, WITH SIDE EMITTING PEDESTRIAN CONFIRMATION LIGHTS), W11-2 SIGNS PER RRFB ASSEMBLY DETAIL ON DT-1, AND ONE PEDESTRIAN PUSH BUTTON.
- INSTALL FB CURB INTEGRATED SLIP BASE FOUNDATION PER WSDOT STD PLAN J-21.10-05. FURNISH AND INSTALL ONE SOLAR POWERED RRFB ASSEMBLY INCLUDING ONE FB POLE, TWO RRFBS (BI-DIRECTIONAL, WITH SIDE EMITTING PEDESTRIAN CONFIRMATION LIGHTS), W11-2 SIGNS PER RRFB ASSEMBLY DETAIL ON DT-1, AND ONE PEDESTRIAN PUSH BUTTON.
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- CONSTRUCT ASPHALT CONCRETE PAVEMENT, PER DETAIL 1 ON SHEET DT-1.
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- CONSTRUCT CURB RAMP, TYPE PERPENDICULAR PER WSDOT STD PLAN F-40.15-04. SEE RESPECTIVE CURB RAMP SHEET FOR DETAILS.
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- WHERE NOTED, EXTEND CONSTRUCTION TO EXISTING CONSTRUCTION JOINT. MATCH EXISTING.
- REMOVE AND REPLACE CATCH BASIN FRAME AND GRATE PER COB STD PLAN 4013.
- PLASTIC CROSSWALK LINE, PER COB STD PLAN 3257.
- REMOVE EXISTING SIGNS. REMOVE EXISTING POST AND SALVAGE TO CITY.
- REMOVE EXISTING SIGN ON EXISTING POST. INSTALL NEW SIGNS ON EXISTING POST.
- INSTALL NEW SIGN POST PER COB STD PLAN 3251 AND NEW SIGNS.
- INSTALL NEW SIGNS TO EXISTING WOOD POLE.
- INSTALL PLASTIC STOP LINE PER COB STD PLAN 3265.
- RESTORATION. MATCH EXISTING LANDSCAPE.

**LEGEND**

- RESTORATION
- CONCRETE SIDEWALK
- NEW ASPHALT PAVEMENT
- DETECTABLE WARNING STRIP
- PROPOSED SIGN AND POST
- PROPOSED SIGN ON EXISTING POST
- EXISTING SIGN AND POST
- RRFB ASSEMBLY
- JUNCTION BOX
- PUSHBUTTON
- PEDESTRIAN PUSH BUTTON POST
- CONDUIT
- EXISTING RIGHT OF WAY
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NO.	REVISIONS	DATE	BY

**CITY OF BREMERTON**  
 DEPARTMENT OF PUBLIC WORKS & UTILITIES  
 ENGINEERING DIVISION

DESIGN BY: TSC/CRT  
 WA P.E.# DATE: 08/06/25

DRAWN BY: RAS  
 DATE: 08/06/25

CHECKED BY: JXL  
 WA P.E.# 40628 DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:  
 S1, T24N, R1E

GRANT/LOAN INFORMATION  
 Federal Aid Number:  
 HSIP-000S(629)

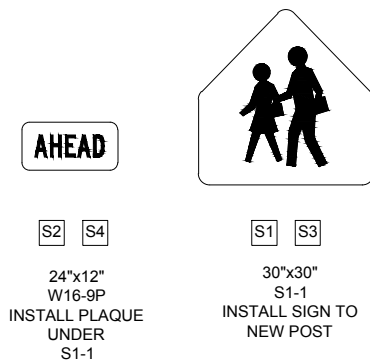
**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**HALVERSON AVE AND SYLVAN WAY**  
**INTERSECTION PLAN**

SHEET  
 25 OF 45

PN:  
 DWG  
**C-7**

FILE: C-7\_EXHIBIT.G LAYOUT: C-7 PATH: L:\AI-DKS\SEA\Company\Projects\22\22281-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD PLOTTED BY: tulsichudgar DATE: Friday, August 8, 2025 1:19:59 PM

**SIGN SCHEDULE**

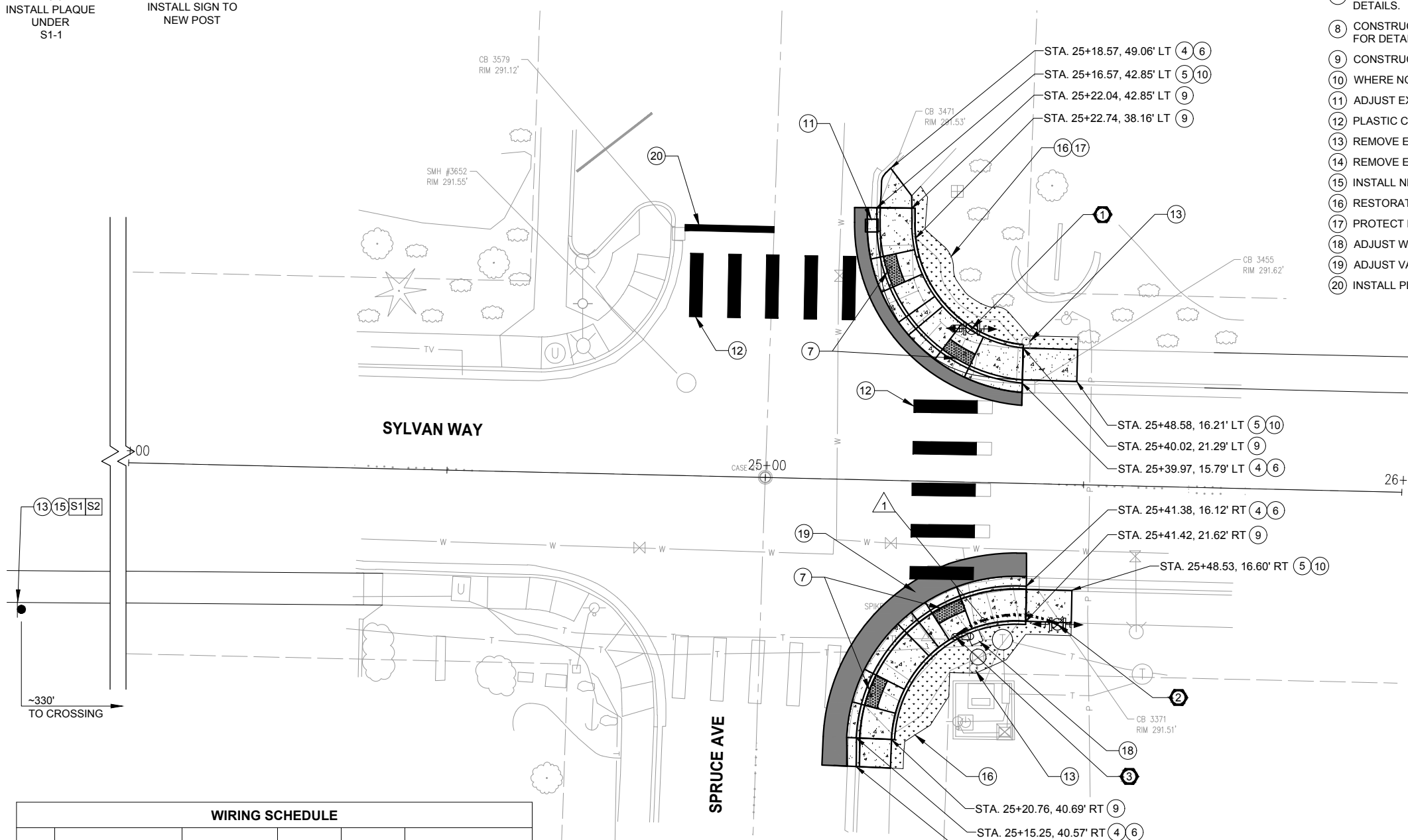


POLE SCHEDULE							
X	FIELD LOCATION			POLE TYPE	POLE HEIGHT	PPB ATTACHMENT ANGLE *	NOTE
	STATION	OFFSET	ELEVATION **				
1	25+31.87	24.14' LT	292.42'	FB	14'	270°	
2	25+46.43	22.00' RT	292.15'	FB	14'	N/A	
3	25+33.93	21.94' RT	291.40'	PPB	5'	270°	

\* ATTACHMENT ANGLE MEASURED CLOCKWISE FROM DUE NORTH  
 \*\* ELEVATION IS OF TOP OF FOUNDATION. TOP OF FOUNDATION SHALL MATCH TOP OF SIDEWALK OR ASPHALT OR CURB FOR CURB INTEGRATED FOUNDATION

**CONSTRUCTION NOTES**

- INSTALL FB CURB INTEGRATED SLIP BASE FOUNDATION PER WSDOT STD PLAN J-21.10-05. FURNISH AND INSTALL ONE SOLAR POWERED RRFB ASSEMBLY INCLUDING ONE FB POLE, TWO RRFBs (BI-DIRECTIONAL, WITH SIDE EMITTING PEDESTRIAN CONFIRMATION LIGHTS), S1-1 SIGNS PER RRFB ASSEMBLY DETAIL ON DT-1, AND ONE PEDESTRIAN PUSH BUTTON.
- INSTALL FB SLIP BASE FOUNDATION PER WSDOT STD PLAN J-21.10-05. FURNISH AND INSTALL ONE SOLAR POWERED RRFB ASSEMBLY INCLUDING ONE FB POLE, TWO RRFBs (BI-DIRECTIONAL, WITH SIDE EMITTING PEDESTRIAN CONFIRMATION LIGHTS), AND S1-1 SIGNS PER RRFB ASSEMBLY DETAIL ON DT-1.
- INSTALL CURB INTEGRATED PEDESTRIAN PUSH BUTTON POST FOUNDATION PER WSDOT STD PLAN J-20.15-04. FURNISH AND INSTALL ONE PEDESTRIAN PUSH BUTTON POST WITH ONE PEDESTRIAN PUSH BUTTON.
- CONSTRUCT CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER DETAIL ON DT-1.
- CONSTRUCT CEMENT CONCRETE SIDEWALK PER COB STD PLAN 3101.
- CONSTRUCT ASPHALT CONCRETE PAVEMENT, PER DETAIL 1 ON SHEET DT-1.
- CONSTRUCT CURB RAMP, TYPE PARALLEL PER WSDOT STD PLAN F-40.12-03. SEE RESPECTIVE CURB RAMP SHEET FOR DETAILS.
- CONSTRUCT CURB RAMP, TYPE PERPENDICULAR PER WSDOT STD PLAN F-40.15-04. SEE RESPECTIVE CURB RAMP SHEET FOR DETAILS.
- CONSTRUCT CEMENT CONCRETE PEDESTRIAN CURB PER WSDOT STD PLAN F-10.12-04.
- WHERE NOTED, EXTEND CONSTRUCTION TO EXISTING CONSTRUCTION JOINT. MATCH EXISTING.
- ADJUST EXISTING CATCH BASIN TO FINISH GRADE.
- PLASTIC CROSSWALK LINE, PER COB STD PLAN 3257.
- REMOVE EXISTING SIGNS. REMOVE EXISTING POST AND SALVAGE TO CITY.
- REMOVE EXISTING SIGN ON EXISTING POST. INSTALL NEW SIGNS ON EXISTING POST.
- INSTALL NEW SIGN POST PER COB STD PLAN 3251 AND NEW SIGNS.
- RESTORATION. MATCH EXISTING LANDSCAPE.
- PROTECT EXISTING IRRIGATION.
- ADJUST WATER METER TO FINISH GRADE.
- ADJUST VALVE TO FINISH GRADE.
- INSTALL PLASTIC STOP BAR LINE PER COB STD PLAN 3265.

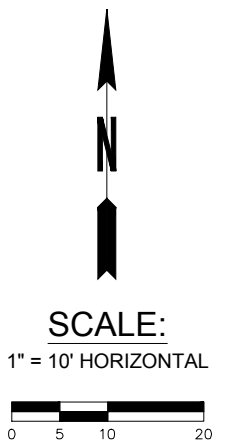


LEGEND	
	RESTORATION
	CONCRETE SIDEWALK
	NEW ASPHALT PAVEMENT
	DETECTABLE WARNING STRIP
	PROPOSED SIGN AND POST
	PROPOSED SIGN ON EXISTING POST
	EXISTING SIGN AND POST
	RRFB ASSEMBLY
	JUNCTION BOX
	PUSHBUTTON
	PEDESTRIAN PUSH BUTTON POST
	CONDUIT
	EXISTING RIGHT OF WAY
	PROPOSED RIGHT OF WAY
	TEMPORARY CONSTRUCTION EASEMENT

WIRING SCHEDULE					
RUN NO.	SPAN OR CONDUIT SIZE	PPB (2CS)	GROUND #8	PULL TAPE	REMARKS
1	1" SCH 80 PVC	1	1	1	



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NO.	REVISIONS	DATE	BY

**CITY OF BREMERTON**  
 DEPARTMENT OF PUBLIC WORKS & UTILITIES  
 ENGINEERING DIVISION

DESIGN BY: TSC/CRT  
 WA P.E.# DATE: 08/06/25

DRAWN BY: RAS  
 DATE: 08/06/25

CHECKED BY: JXL  
 WA P.E.# 40628 DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:  
 S1, T24N, R1E

GRANT/LOAN INFORMATION  
 Federal Aid Number:  
 HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**SPRUCE AVE AND SYLVAN WAY**  
**INTERSECTION PLAN**

PLOTTED BY: catherine.tower DATE: Wednesday, August 6, 2025 13:55:57  
 FILE: C-8\_EXHIBIT.H

**GENERAL NOTES**

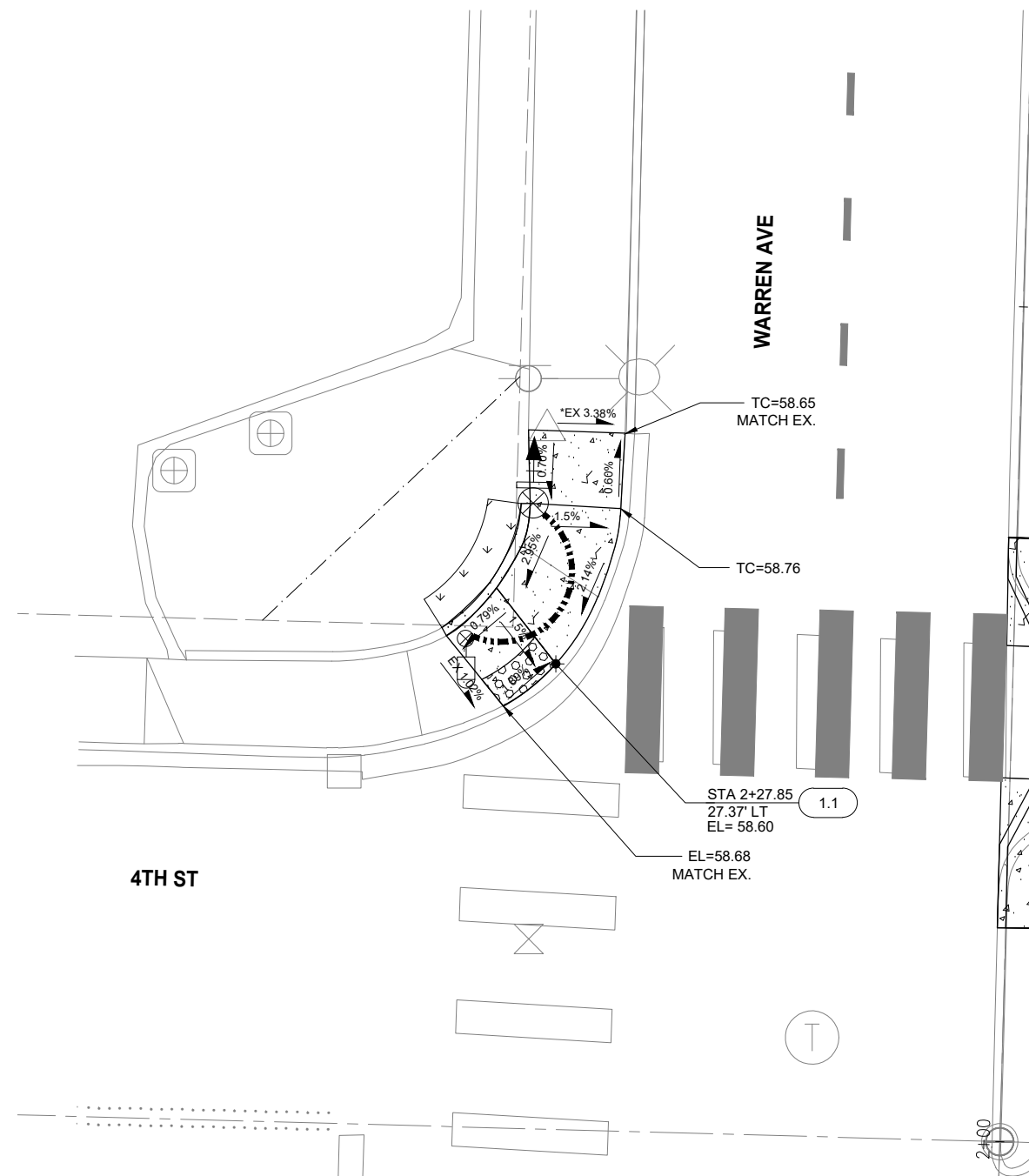
1. ELEVATIONS ARE MEASURED AT FLOW LINE OF CURB AND GUTTER UNLESS OTHERWISE NOTED.
2. HORIZONTAL CONTROL IS AT FACE OF CURB UNLESS OTHERWISE NOTED.
3. ALL CURBS ARE 6 INCHES IN HEIGHT UNLESS OTHERWISE NOTED.

**MEF CODES**

- \* 1 ROADWAY STRUCTURAL CONSTRAINT; WALL, AREAWAY, OR BRIDGE
- \* 2 ADJACENT DEVELOPED FACILITY
- \* 3 DRAINAGE
- \* 4 HISTORIC FEATURE
- \* 5 EXISTING ROAD/SIDEWALK SLOPES
- \* 6 EXISTING UTILITY VAULT OR UTILITY STRUCTURE
- \* 7 (OTHER); DESCRIBE, ADD ANNOTATION

**CURB RAMP SCHEDULE**

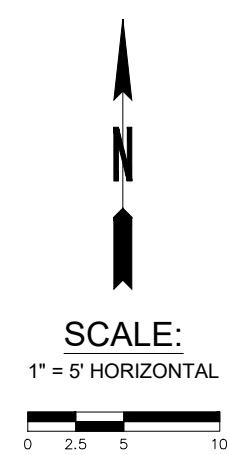
POINT	WSDOT STD PLAN	MEF CODE
1.1	F-40.12-03	* 5



**CURB RAMP DETAIL**  
SCALE: 1"=5'  
1  
C-2



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NO.	REVISIONS	DATE	BY

**CITY OF BREMERTON**  
**DEPARTMENT OF PUBLIC WORKS & UTILITIES**  
**ENGINEERING DIVISION**

DESIGN BY: TSC/CRT      DRAWN BY: RAS      CHECKED BY: JXL  
 WA P.E.#      DATE: 08/06/25      DATE: 08/06/25      WA P.E.# 40628      DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:  
 S14, T24N, R1E

GRANT/LOAN INFORMATION  
 Federal Aid Number:  
 HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**WARREN AVE AND 4TH ST**  
**INTERSECTION DETAILS**

SHEET  
 27 OF 45  
 PN:  
 DWG  
**CD-1**

FILE: CD-1 LAYOUT: CD-1 PATH: L:\All-DKS\SEA\Company\Projects\22\22291-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD PLOTTED BY: tulichudgor DATE: Monday, August 18, 2025 4:55:38 PM



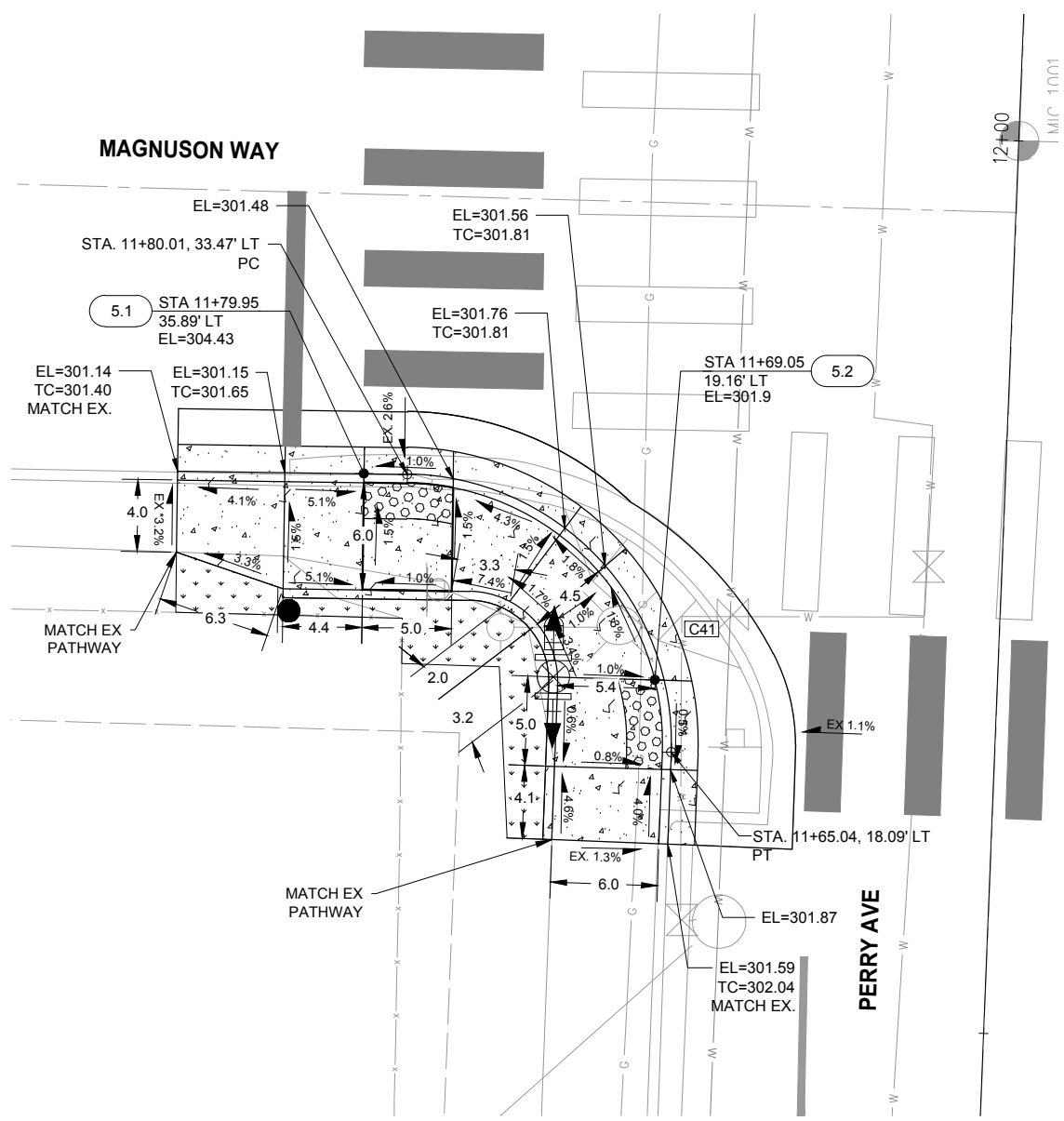




- GENERAL NOTES**
- ELEVATIONS ARE MEASURED AT FLOW LINE OF CURB AND GUTTER UNLESS OTHERWISE NOTED.
  - HORIZONTAL CONTROL IS AT FACE OF CURB UNLESS OTHERWISE NOTED.
  - ALL CURBS ARE 6 INCHES IN HEIGHT UNLESS OTHERWISE NOTED.

- MEF CODES**
- \* 1 ROADWAY STRUCTURAL CONSTRAINT; WALL, AREAWAY, OR BRIDGE
  - \* 2 ADJACENT DEVELOPED FACILITY
  - \* 3 DRAINAGE
  - \* 4 HISTORIC FEATURE
  - \* 5 EXISTING ROAD/SIDEWALK SLOPES
  - \* 6 EXISTING UTILITY VAULT OR UTILITY STRUCTURE
  - \* 7 (OTHER); DESCRIBE, ADD ANNOTATION

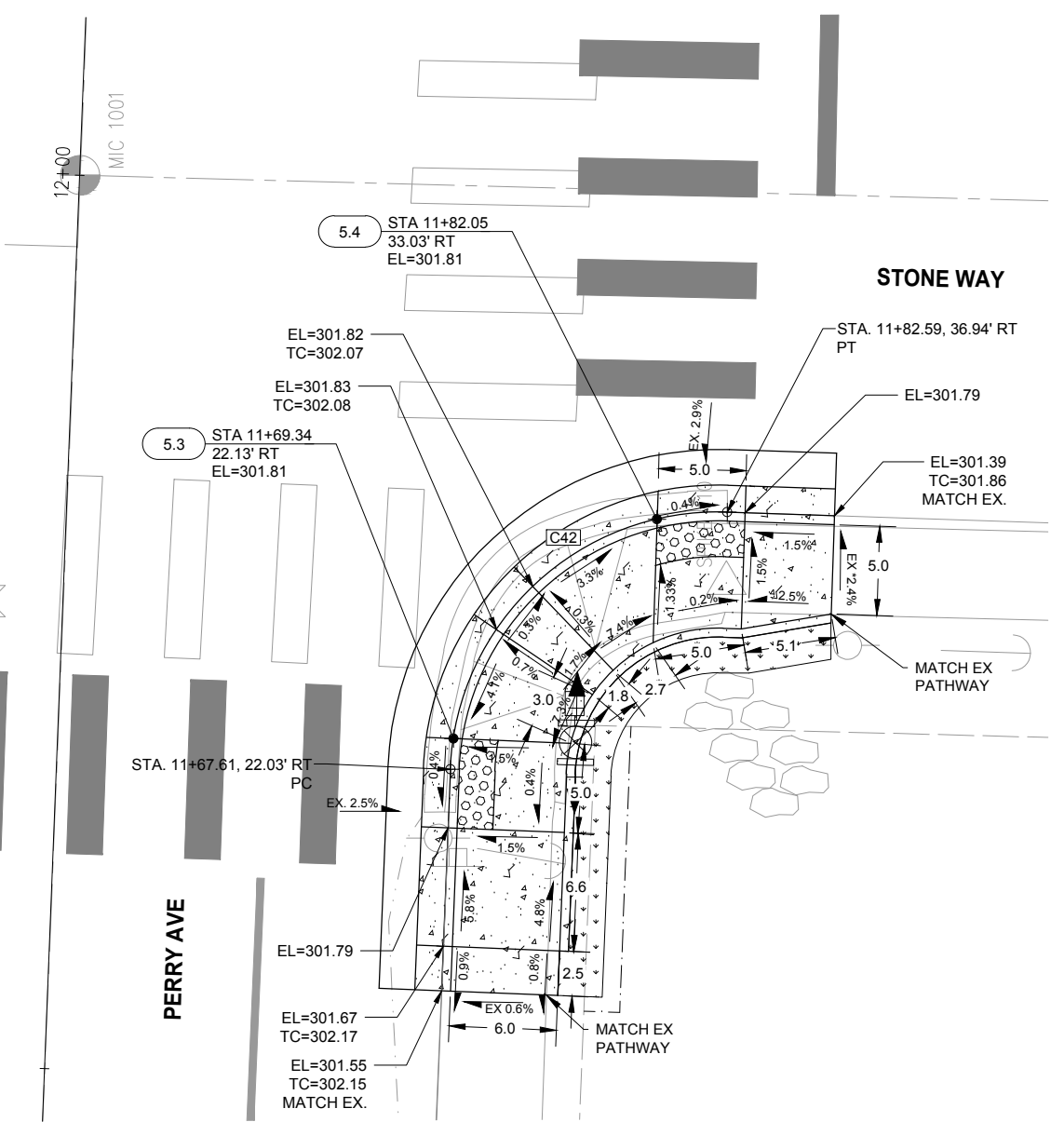
CURB RAMP SCHEDULE		
POINT	WSDOT STD PLAN	MEF CODE
5.1	F-40.12-03	* 5
5.2	F-40.12-03	
5.3	F-40.12-03	
5.4	F-40.12-03	* 5



**CURB RAMP DETAIL 1**  
SCALE: 1"=5'  
C-5

CURB RETURN TABLE				
C41	DELTA	RADIUS	TANGENT	LENGTH
		Δ91°20'14"	15.00'	15.35'
C41	POINT	STA-OFFSET	FL EL	TC EL
	PC	STA. 11+80.01, 33.47' LT	301.45	-
	1/4	STA. 11+78.87, 27.34' LT	301.49	-
	1/2	STA. 11+75.76, 22.63' LT	301.55	302.05
	3/4	STA. 11+70.86, 19.28' LT	301.85	-
PT	STA. 11+65.04, 18.09' LT	301.89	-	

NOTE: TOP OF CURB ELEVATION MAY BE CALCULATED BASED ON ELEVATIONS AND GRADES SHOWN IF NOT DEPICTED ON CURB RETURN TABLE.



**CURB RAMP DETAIL 2**  
SCALE: 1"=5'  
C-5

CURB RETURN TABLE				
C42	DELTA	RADIUS	TANGENT	LENGTH
		Δ89°34'25"	15.00'	14.89'
C42	POINT	STA-OFFSET	FL EL	TC EL
	PC	STA. 11+67.61, 22.03' RT	301.73	-
	1/4	STA. 11+73.32, 23.17' RT	301.77	-
	1/2	STA. 11+78.17, 26.40' RT	301.78	-
	3/4	STA. 11+81.42, 31.23' RT	301.77	-
PT	STA. 11+82.59, 36.94' RT	301.66	-	

NOTE: TOP OF CURB ELEVATION MAY BE CALCULATED BASED ON ELEVATIONS AND GRADES SHOWN IF NOT DEPICTED ON CURB RETURN TABLE.

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**SCALE:**  
1" = 5' HORIZONTAL



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NO.	REVISIONS	DATE	BY

**CITY OF BREMERTON**  
DEPARTMENT OF PUBLIC WORKS & UTILITIES  
ENGINEERING DIVISION

DESIGN BY: TSC/CRT  
WA P.E.#      DATE: 08/06/25

DRAWN BY: RAS  
DATE: 08/06/25

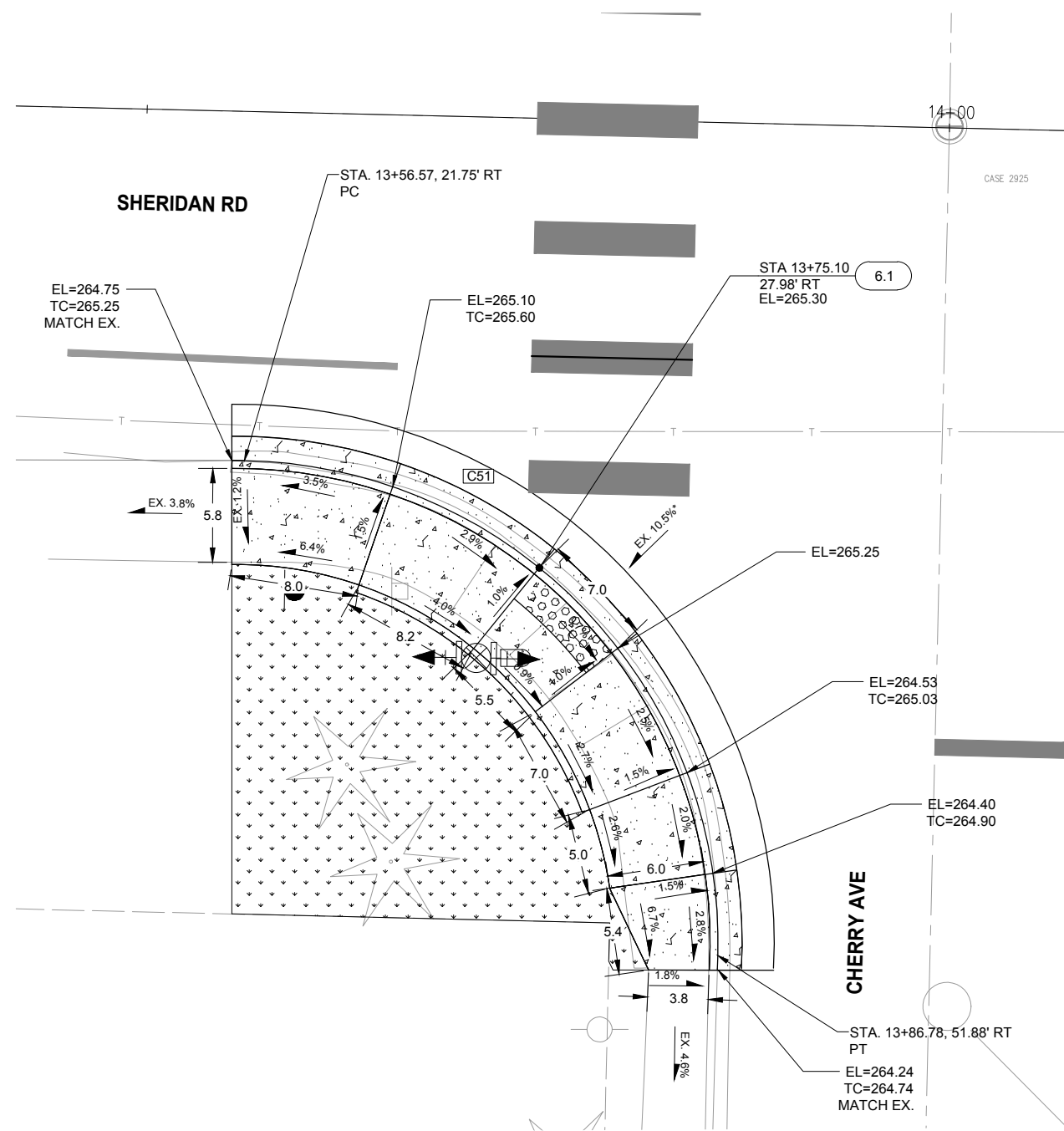
CHECKED BY: JXL  
WA P.E.# 40628      DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:  
S12, T24N, R1E

GRANT/LOAN INFORMATION  
Federal Aid Number:  
HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
PERRY AVE AND STONE WAY  
INTERSECTION DETAILS

FILE: CD-5 LAYOUT: CD-5 LAYOUT: CD-5 PROJECTS\22\22291-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD PLOTTED BY: catherine.tower DATE: Wednesday, August 6, 2025 13:53:22



**CURB RAMP DETAIL 1**  
SCALE: 1"=5'  
C-6

CURB RETURN TABLE				
C51	DELTA	RADIUS	TANGENT	LENGTH
		Δ90°38'27"	30.00'	30.34'
C51	POINT	STA-OFFSET	FL EL	TC EL
	PC	STA. 13+56.57, 21.75' RT	264.78	265.28
	1/4	STA. 13+68.14, 23.99' RT	265.15	-
	1/2	STA. 13+77.97, 30.50' RT	265.27	265.27
	3/4	STA. 13+84.51, 40.31' RT	264.55	-
PT	STA. 13+86.78, 51.88' RT	264.26	264.76	

NOTE: TOP OF CURB ELEVATION MAY BE CALCULATED BASED ON ELEVATIONS AND GRADES SHOWN IF NOT DEPICTED ON CURB RETURN TABLE.

- GENERAL NOTES**
- ELEVATIONS ARE MEASURED AT FLOW LINE OF CURB AND GUTTER UNLESS OTHERWISE NOTED.
  - HORIZONTAL CONTROL IS AT FACE OF CURB UNLESS OTHERWISE NOTED.
  - ALL CURBS ARE 6 INCHES IN HEIGHT UNLESS OTHERWISE NOTED.

- MEF CODES**
- \* 1 ROADWAY STRUCTURAL CONSTRAINT; WALL, AREAWAY, OR BRIDGE
  - \* 2 ADJACENT DEVELOPED FACILITY
  - \* 3 DRAINAGE
  - \* 4 HISTORIC FEATURE
  - \* 5 EXISTING ROAD/SIDEWALK SLOPES
  - \* 6 EXISTING UTILITY VAULT OR UTILITY STRUCTURE
  - \* 7 (OTHER); DESCRIBE, ADD ANNOTATION

CURB RAMP SCHEDULE		
POINT	WSDOT STD PLAN	MEF CODE
6.1	F-40.12-03	* 5

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**ENGINEERING DIVISION**

DESIGN BY: TSC/CRT  
WA P.E.#      DATE: 08/06/25

DRAWN BY: RAS  
DATE: 08/06/25

CHECKED BY: JXL  
WA P.E.# 40628      DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:  
S12, T24N, R1E

GRANT/LOAN INFORMATION  
Federal Aid Number:  
HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**CHERRY AVE AND SHERIDAN RD**  
**INTERSECTION DETAILS**

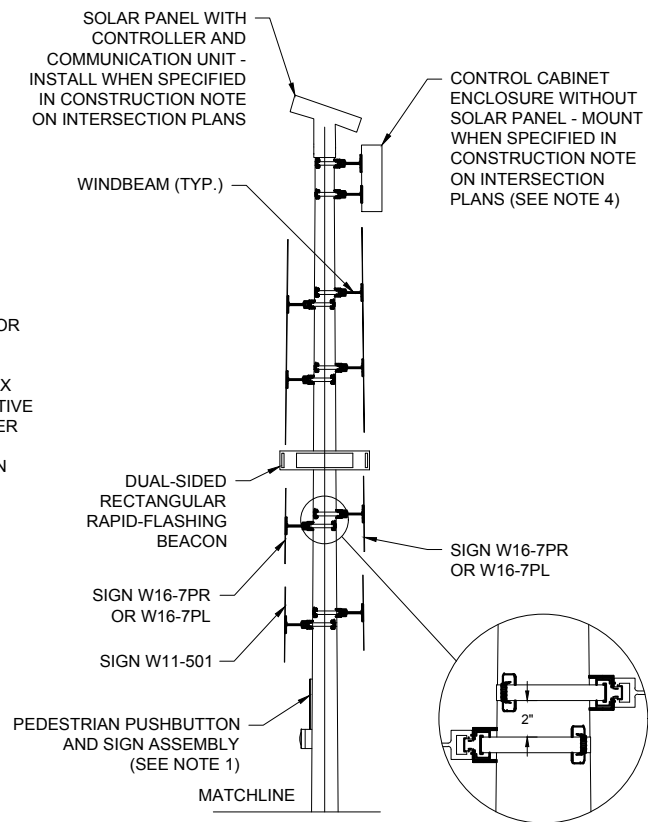
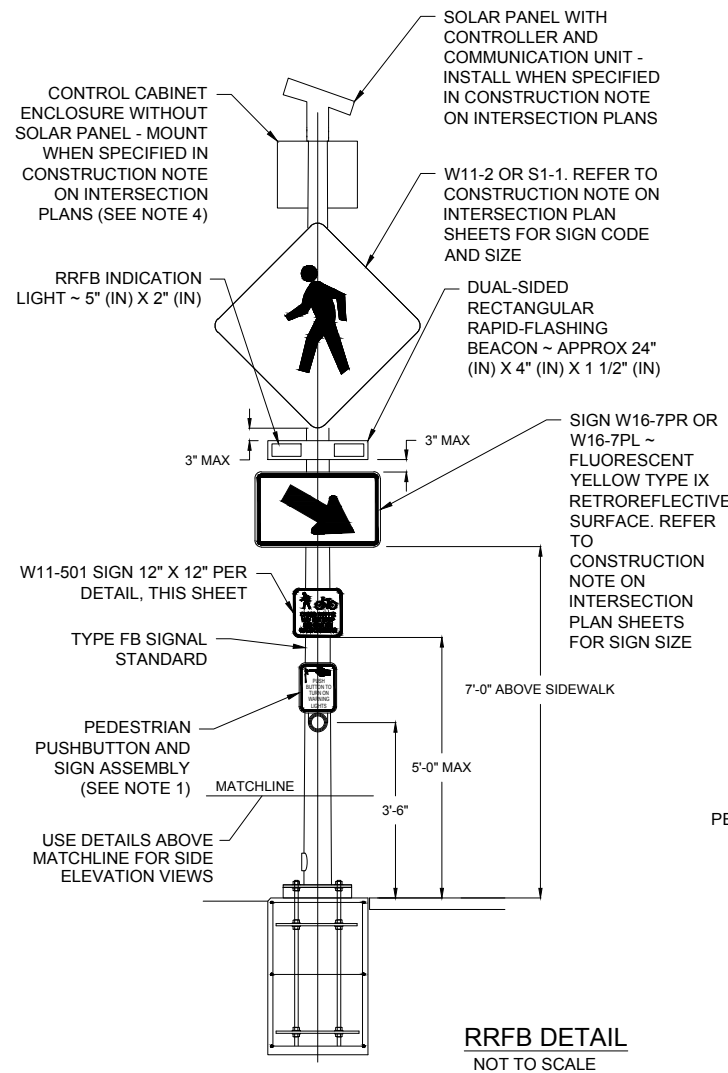
SHEET  
**32 OF 45**

PN:  
**DWG**  
**CD-6**

FILE: CD-6 LAYOUT; CD-6 BREMERTON SYSTEMIC PED TREATMENT - RRFB\03 Design\04 CAD PLOTTED BY: catherine.tower DATE: Wednesday, August 6, 2025 13:53:33



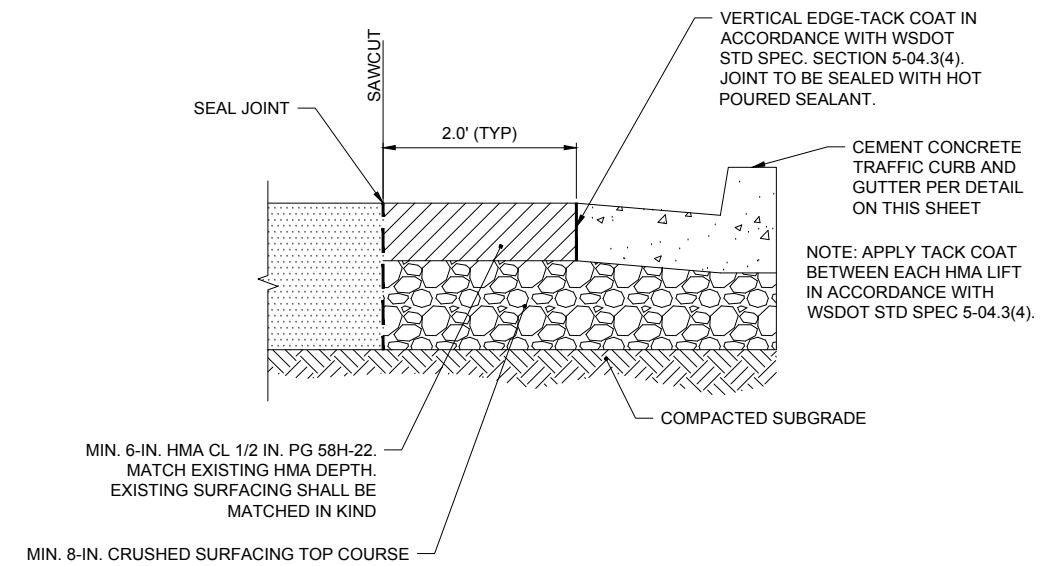




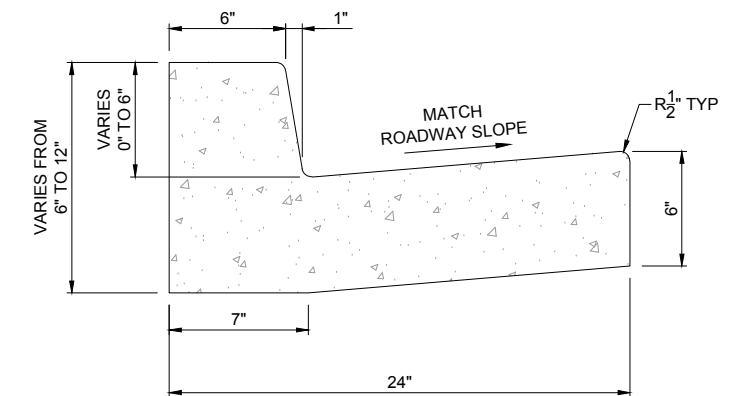
**NOTES**

1. PEDESTRIAN SYMBOL HEIGHT SHALL BE 4"
2. BICYCLE SYMBOL HEIGHT SHALL BE 3"
3. LETTERS SHALL BE 1" C
4. LEGEND SHALL BE BLACK
5. BACKGROUND SHALL BE YELLOW

**W11-501 PEDESTRIAN WARNING SIGN DETAILS**  
NTS



**1 PAVEMENT ADJACENT TO NEW CURB AND GUTTER**  
SCALE: NTS



**NOTES**

1. REFER TO WSDOT STD PLAN F-10.12-04 FOR ADDITIONAL DETAILS.

**2 CEMENT CONCRETE TRAFFIC CURB AND GUTTER**  
SCALE: NTS

**GENERAL NOTES**

1. PEDESTRIAN PUSHBUTTON AND SIGN ASSEMBLY (IF USED ON THE POLE). SEE SPECIAL PROVISIONS.
2. SEE WSDOT STANDARD PLAN G-30.10-04 FOR SIGN INSTALLATION ON SIGNAL STANDARD DETAILS.
3. TERMINATE RRFB CONNECTIONS PER MANUFACTURER'S RECOMMENDATION.
4. CONTROL CABINET ENCLOSURE SHALL BE SIZED BY THE RRFB MANUFACTURER. THE CONTROL CABINET SHALL BE MANUFACTURED PER TERMINAL CABINET REQUIREMENTS OF WSDOT STANDARD SPECIFICATION SECTION 9-29.25. THE CONTROL CABINET SHALL HAVE BEST BLUE CONSTRUCTION LOCK.
5. SEE WSDOT STANDARD PLAN J-21.10-05 FOR CURB INTEGRATED FOUNDATION. SEE WSDOT STANDARD PLAN J-21.10-05 FOR CURB INTEGRATED SLIP BASE FOUNDATION.



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WA P.E.# DATE: 08/06/25

DRAWN BY: RAS  
DATE: 08/06/25

CHECKED BY: JXL  
WA P.E.# 40628 DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:

GRANT/LOAN INFORMATION  
Federal Aid Number:  
HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
MISCELLANEOUS DETAILS

SHEET  
35 OF 45

PN:  
DWG  
DT-1



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



MINIMUM TAPER LENGTH = L(FEET)	
POSTED SPEED (MPH)	TAPER
30	15xW

W = SHIFT WIDTH

SIGN SPACING = X(1)		
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	30 MPH	100'±(2)
(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS.		
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.		

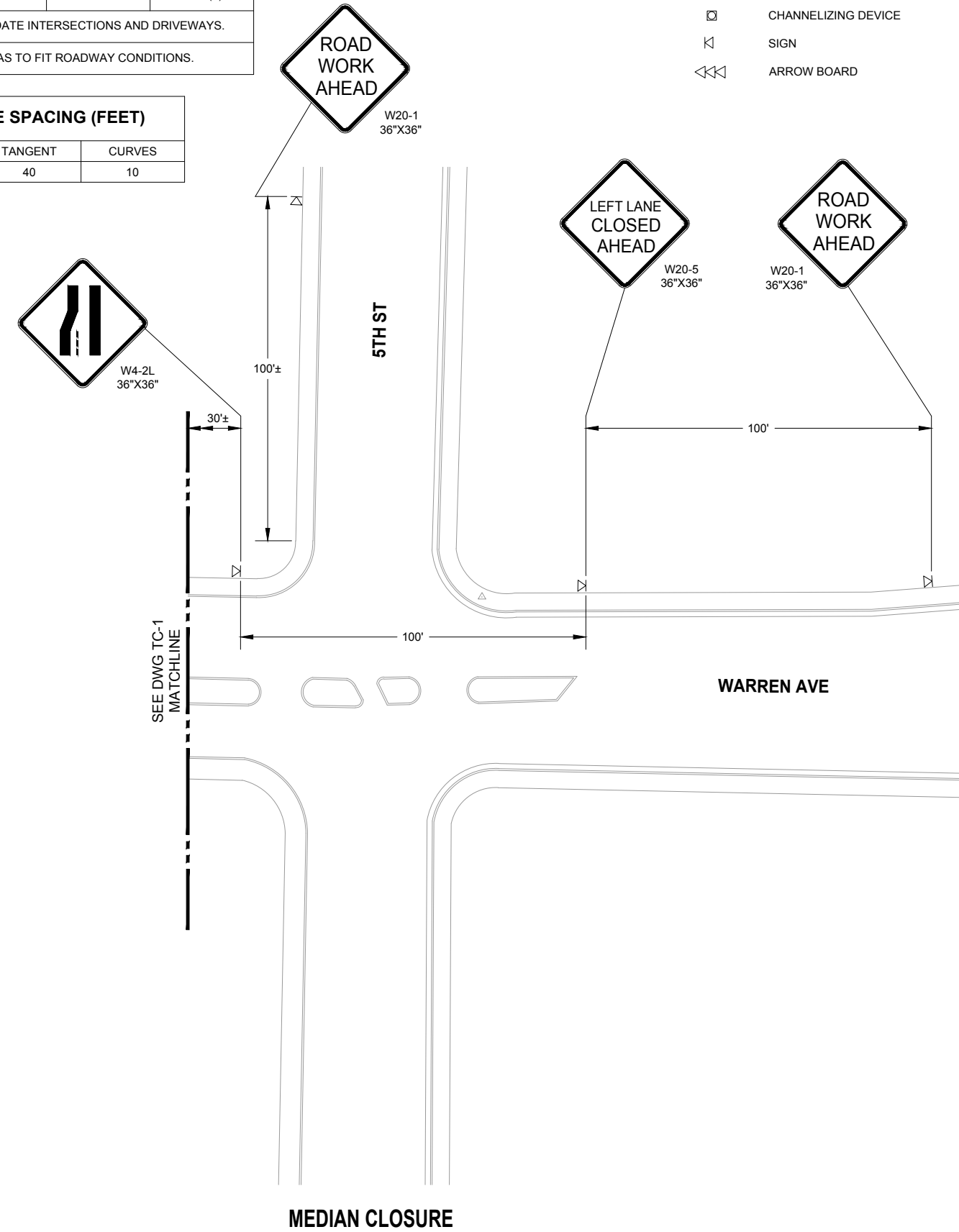
CHANNELIZING DEVICE SPACING (FEET)			
MPH	TAPER	TANGENT	CURVES
30	20	40	10

**LEGEND**

-  WORK ZONE
-  CHANNELIZING DEVICE
-  SIGN
-  ARROW BOARD

**GENERAL NOTES**

1. REFER TO MUTCD FOR SIGN DETAILS.
2. EXACT LOCATION OF SIGNS TO BE DETERMINED BY ENGINEER.
3. ALL SIGNS TO REMAIN UNTIL CONSTRUCTION IS COMPLETE UNLESS DIRECTED BY THE TRAFFIC CONTROL SUPERVISOR.
4. A MINIMUM OF 5 CHANNELIZATION DEVICES SHALL BE USED ON TAPERS.
5. CONTRACTOR SHALL MAINTAIN LOCAL ACCESS TO DRIVEWAYS, BUSINESSES, AND CROSS STREETS DURING CONSTRUCTION.
6. ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
7. CONTRACTOR SHALL CONSIDER ACCESS TO TRANSIT STOPS IN THE VICINITY. CONTRACTOR TO MAINTAIN ALL PEDESTRIAN MOVEMENTS IN THE VICINITY. CONTRACTOR SHALL COORDINATE WITH KITSAP COUNTY AS NECESSARY.
8. WORK AT WARREN AVE AND 4TH ST SHALL ONLY OCCUR BETWEEN 9AM AND 3PM.
9. CONTRACTOR SHALL CLOSE A MAXIMUM OF ONE CROSSWALK AT AN INTERSECTION AT ONE TIME.
10. CONTRACTOR SHALL PROVIDE THE NAME OF TCS AND A 24 HOUR CONTACT PHONE NUMBER.
11. CONTRACTOR TO DETOUR PEDESTRIANS TO WARREN AVE AND 5TH ST WHEN CROSSWALKS ACROSS WARREN AVE ARE CLOSED. CONTRACTOR TO SUBMIT TRAFFIC CONTROL PLAN AND GET ENGINEER APPROVAL PRIOR TO IMPLEMENTATION.
12. CONTACT WSDOT OR TRANSPORTATION MANAGEMENT CENTER AT (253)538-3300 APPROXIMATELY 5 MINUTES PRIOR TO START OF ALL WORK AND AGAIN AFTER ALL WORK IS COMPLETE.
13. NO WORK SHALL BE ALLOWED WITHIN WSDOT RIGHT OF WAY DURING A HOLIDAY OR HOLIDAY WEEKEND, OR AFTER 12PM (NOON) ON A DAY PRIOR TO A HOLIDAY OR HOLIDAY WEEKEND. HOLIDAYS THAT OCCUR ON FRIDAY, SATURDAY, SUNDAY OR MONDAY ARE CONSIDERED A HOLIDAY WEEKEND.
14. ADHERE TO MUTCD AND WSDOT STANDARD SPECIFICATIONS 1-07.23 AND 1-10.1(2); MAINTAIN OR PROVIDE AN ALTERNATE ACCESSIBLE BICYCLE AND/OR PEDESTRIAN ACCESS ROUTE AT ALL TIMES UNLESS APPROVED BY THE ENGINEER.
15. WORK IN LOCAL AGENCY RIGHT OF WAY IS NOT REVIEWED BY WSDOT, BUT SHALL BE REVIEWED AND APPROVED BY THE LOCAL AGENCY.



**MEDIAN CLOSURE**



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1" = 20' HORIZONTAL



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ENGINEERING DIVISION

DESIGN BY: TSC/CRT	DRAWN BY: RAS	CHECKED BY: JXL
WA P.E.#	DATE: 08/06/25	DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:

GRANT/LOAN INFORMATION
Federal Aid Number: HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**WARREN AVE AND 4TH ST - MEDIAN CLOSURE**  
**TRAFFIC CONTROL PLAN**

SHEET 37 OF 45
PN: DWG TC-2




FILE: TC-1-TC-2 LAYOUT: TC-2 PATH: U:\In-DKS\SEA\Company\Projects\22\2291-000 Bremerton Systemic Ped Treatment - RRF\03 Design\04 CAD PLOTTED BY: catherine.tower DATE: Wednesday, August 6, 2025 13:56:12

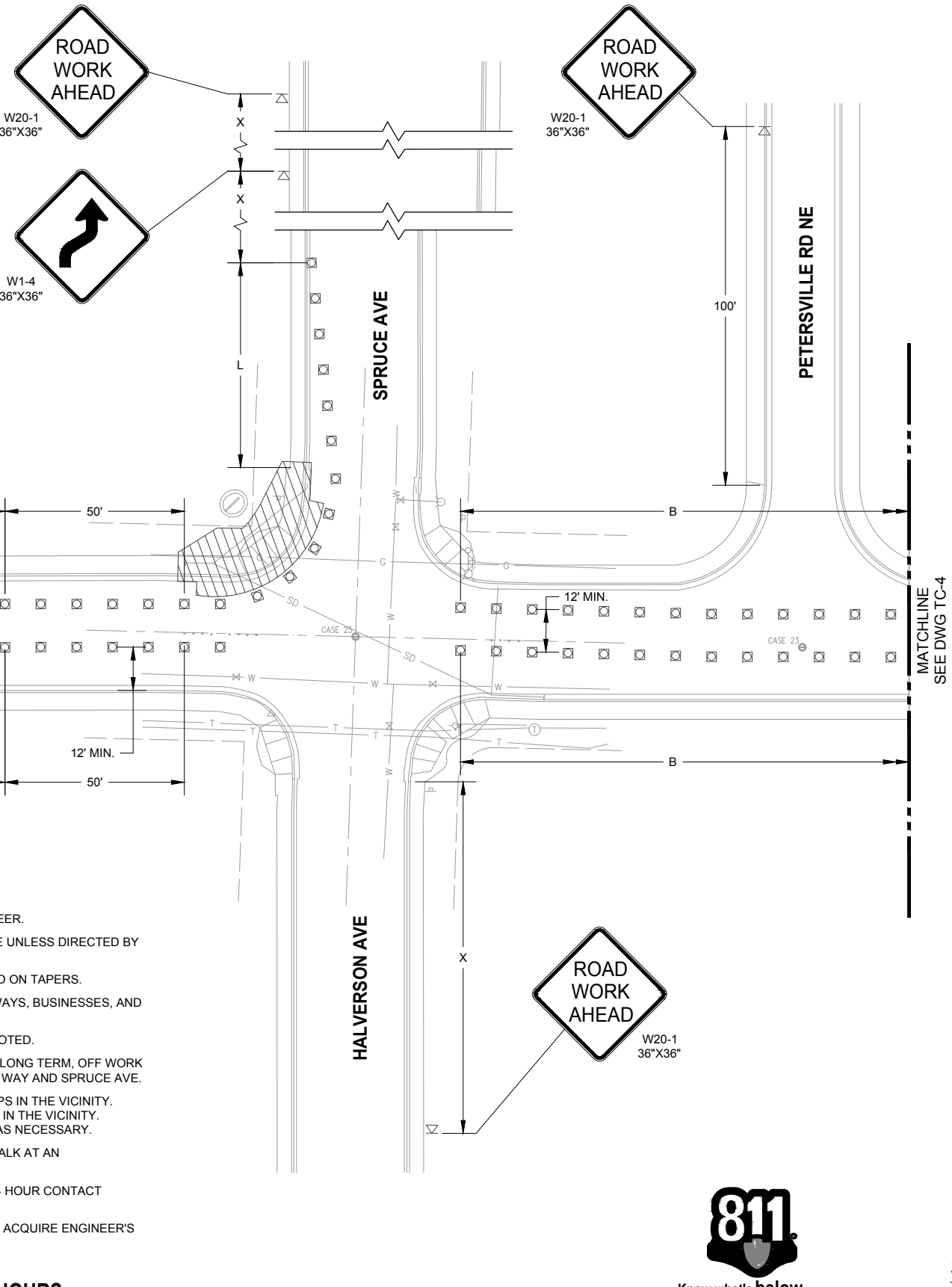
MINIMUM TAPER LENGTH = L(FEET)	
POSTED SPEED (MPH)	TAPER
30	15xW

W = SHIFT WIDTH

SIGN SPACING = X(1)		
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	30 MPH	100±(2)
(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS.		
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.		

CHANNELIZING DEVICE SPACING (FEET)			
MPH	TAPER	TANGENT	CURVES
30	20	40	10

- LEGEND**
-  WORK ZONE
  -  CHANNELIZING DEVICE
  -  SIGN

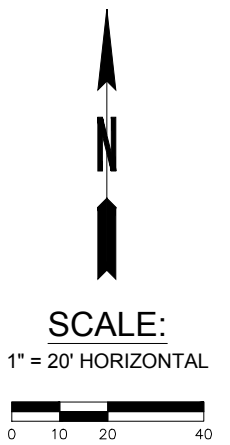


- GENERAL NOTES**
- REFER TO MUTCD FOR SIGN DETAILS.
  - EXACT LOCATION OF SIGNS TO BE DETERMINED BY ENGINEER.
  - ALL SIGNS TO REMAIN UNTIL CONSTRUCTION IS COMPLETE UNLESS DIRECTED BY THE TRAFFIC CONTROL SUPERVISOR.
  - A MINIMUM OF 5 CHANNELIZATION DEVICES SHALL BE USED ON TAPERS.
  - CONTRACTOR SHALL MAINTAIN LOCAL ACCESS TO DRIVEWAYS, BUSINESSES, AND CROSS STREETS DURING CONSTRUCTION.
  - ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
  - THIS TRAFFIC CONTROL PLAN INTENDED TO BE USED FOR LONG TERM, OFF WORK HOURS CLOSURE OF NORTHWEST CORNER AT NE SYLVAN WAY AND SPRUCE AVE.
  - CONTRACTOR SHALL CONSIDER ACCESS TO TRANSIT STOPS IN THE VICINITY. CONTRACTOR TO MAINTAIN ALL PEDESTRIAN MOVEMENTS IN THE VICINITY. CONTRACTOR SHALL COORDINATE WITH KITSAP COUNTY AS NECESSARY.
  - CONTRACTOR SHALL CLOSE A MAXIMUM OF ONE CROSSWALK AT AN INTERSECTION AT ONE TIME.
  - CONTRACTOR SHALL PROVIDE THE NAME OF TCS AND A 24 HOUR CONTACT PHONE NUMBER.
  - CONTRACTOR SHALL MODIFY FOR OTHER LOCATIONS AND ACQUIRE ENGINEER'S APPROVAL BEFORE IMPLEMENTATION.

**LONG TERM, OFF HOURS - CORNER CLOSURE**



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DATE: 08/06/25

CHECKED BY: JXL  
WA P.E.# 40628 DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:  
GRANT/LOAN INFORMATION  
Federal Aid Number:  
HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
NE SYLVAN WAY AND SPRUCE AVE  
TRAFFIC CONTROL PLAN

SHEET  
38 OF 45  
PN:  
DWG  
TC-3

FILE: TC-3-TC-4 LAYOUT: TC-3 PATH: E:\All-DKS\SEA\Company\Projects\22\22291-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD PLOTTED BY: catherine.tower DATE: Wednesday, August 6, 2025 1:51:56:24

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POSTED SPEED (MPH)	TAPER
30	15*W

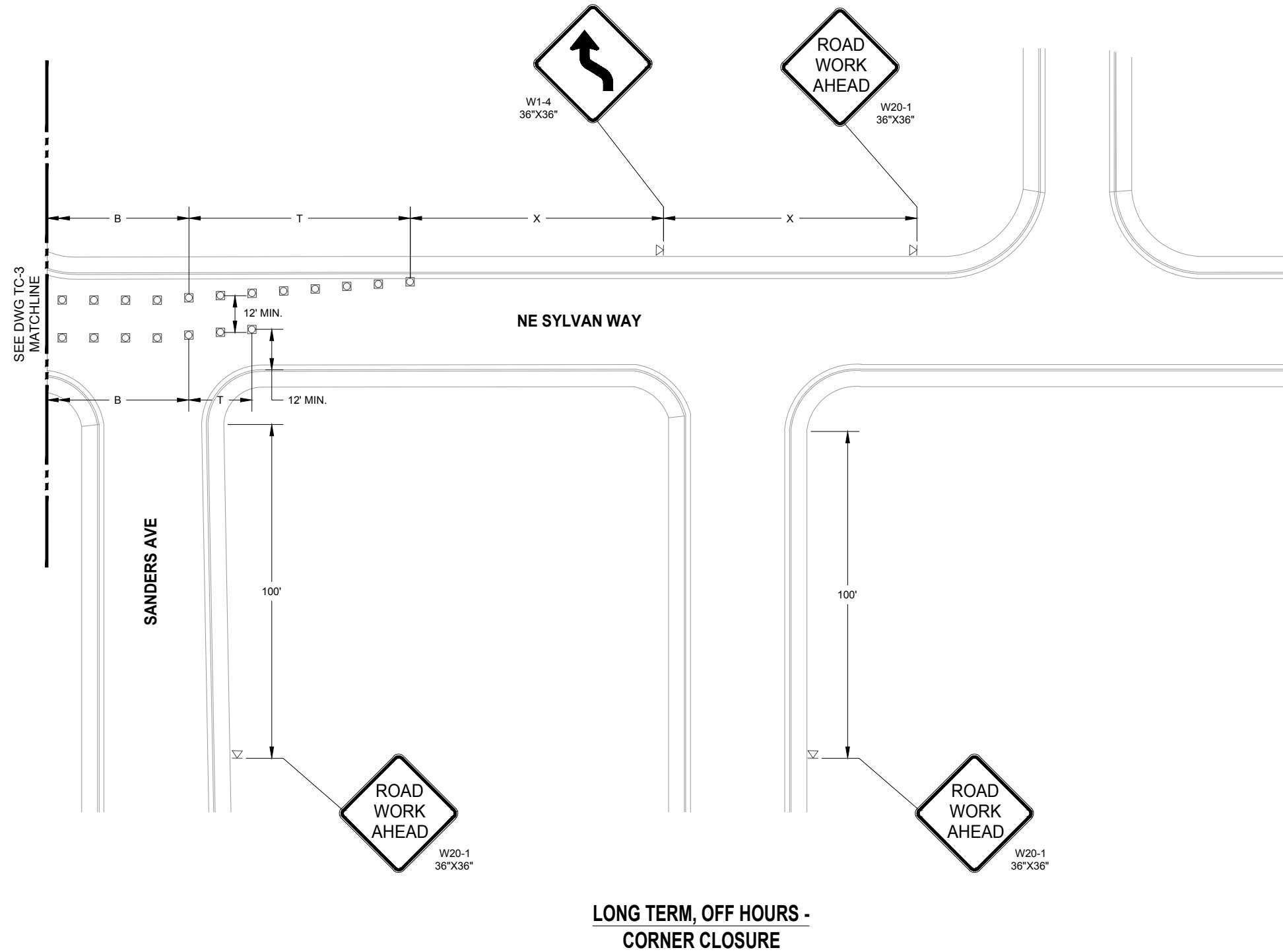
W = SHIFT WIDTH

SIGN SPACING = X(1)		
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	30 MPH	100'±(2)
(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS.		
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.		

CHANNELIZING DEVICE SPACING (FEET)			
MPH	TAPER	TANGENT	CURVES
30	20	40	10

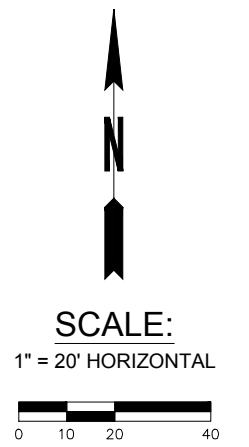
LEGEND	
	WORK ZONE
	CHANNELIZING DEVICE
	SIGN

- GENERAL NOTES**
- REFER TO MUTCD FOR SIGN DETAILS.
  - EXACT LOCATION OF SIGNS TO BE DETERMINED BY ENGINEER.
  - ALL SIGNS TO REMAIN UNTIL CONSTRUCTION IS COMPLETE UNLESS DIRECTED BY THE TRAFFIC CONTROL SUPERVISOR.
  - A MINIMUM OF 5 CHANNELIZATION DEVICES SHALL BE USED ON TAPERS.
  - CONTRACTOR SHALL MAINTAIN LOCAL ACCESS TO DRIVEWAYS, BUSINESSES, AND CROSS STREETS DURING CONSTRUCTION.
  - ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
  - THIS TRAFFIC CONTROL PLAN INTENDED TO BE USED FOR LONG TERM, OFF WORK HOURS CLOSURE OF NORTHWEST CORNER AT NE SYLVAN WAY AND SPRUCE AVE.
  - CONTRACTOR SHALL CONSIDER ACCESS TO TRANSIT STOPS IN THE VICINITY. CONTRACTOR TO MAINTAIN ALL PEDESTRIAN MOVEMENTS IN THE VICINITY. CONTRACTOR SHALL COORDINATE WITH KITSAP COUNTY AS NECESSARY.
  - CONTRACTOR SHALL CLOSE A MAXIMUM OF ONE CROSSWALK AT AN INTERSECTION AT ONE TIME.
  - CONTRACTOR SHALL PROVIDE THE NAME OF TCS AND A 24 HOUR CONTACT PHONE NUMBER.
  - CONTRACTOR SHALL MODIFY FOR OTHER LOCATIONS AND ACQUIRE ENGINEER'S APPROVAL BEFORE IMPLEMENTATION.



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DESIGN BY: TSC/CRT DATE: 08/06/25  
 DRAWN BY: RAS DATE: 08/06/25  
 CHECKED BY: JXL DATE: 08/06/25  
 WA P.E.# 40628

SECTION, TOWNSHIP, RANGE:  
 GRANT/LOAN INFORMATION  
 Federal Aid Number:  
 HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
 NE SYLVAN WAY AND SPRUCE AVE  
 TRAFFIC CONTROL PLAN

SHEET  
 39 OF 45  
 PN:  
 DWG  
 TC-4

FILE: TC-3-TC-4 LAYOUT: TC-4 DATE: Wednesday, August 6, 2025 13:56:26 PLOTTED BY: catherine.tower

MINIMUM TAPER LENGTH = L(FEET)	
POSTED SPEED (MPH)	TAPER
30	15xW

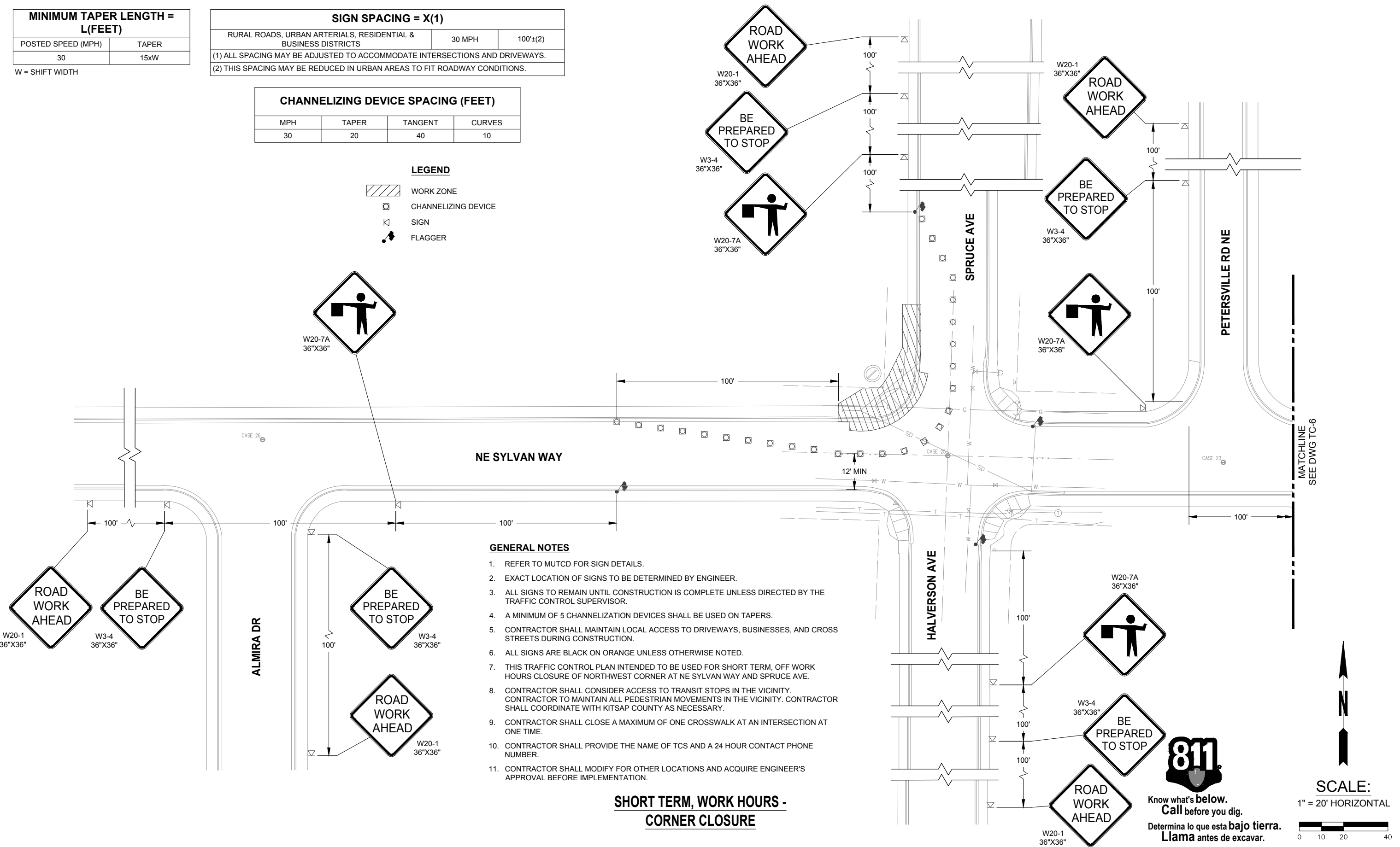
W = SHIFT WIDTH

SIGN SPACING = X(1)			
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	30 MPH	100'±(2)	
(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS.			
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.			

CHANNELIZING DEVICE SPACING (FEET)			
MPH	TAPER	TANGENT	CURVES
30	20	40	10

**LEGEND**

- WORK ZONE
- CHANNELIZING DEVICE
- SIGN
- FLAGGER



**GENERAL NOTES**

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- ALL SIGNS TO REMAIN UNTIL CONSTRUCTION IS COMPLETE UNLESS DIRECTED BY THE TRAFFIC CONTROL SUPERVISOR.
- A MINIMUM OF 5 CHANNELIZATION DEVICES SHALL BE USED ON TAPERS.
- CONTRACTOR SHALL MAINTAIN LOCAL ACCESS TO DRIVEWAYS, BUSINESSES, AND CROSS STREETS DURING CONSTRUCTION.
- ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
- THIS TRAFFIC CONTROL PLAN INTENDED TO BE USED FOR SHORT TERM, OFF WORK HOURS CLOSURE OF NORTHWEST CORNER AT NE SYLVAN WAY AND SPRUCE AVE.
- CONTRACTOR SHALL CONSIDER ACCESS TO TRANSIT STOPS IN THE VICINITY. CONTRACTOR TO MAINTAIN ALL PEDESTRIAN MOVEMENTS IN THE VICINITY. CONTRACTOR SHALL COORDINATE WITH KITSAP COUNTY AS NECESSARY.
- CONTRACTOR SHALL CLOSE A MAXIMUM OF ONE CROSSWALK AT AN INTERSECTION AT ONE TIME.
- CONTRACTOR SHALL PROVIDE THE NAME OF TCS AND A 24 HOUR CONTACT PHONE NUMBER.
- CONTRACTOR SHALL MODIFY FOR OTHER LOCATIONS AND ACQUIRE ENGINEER'S APPROVAL BEFORE IMPLEMENTATION.

**SHORT TERM, WORK HOURS - CORNER CLOSURE**



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**SCALE:**  
1" = 20' HORIZONTAL



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**CITY OF BREMERTON**  
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ENGINEERING DIVISION

DESIGN BY: TSC/CRT  
WA P.E.# DATE: 08/06/25

DRAWN BY: RAS  
DATE: 08/06/25

CHECKED BY: JXL  
WA P.E.# 40628 DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:  
GRANT/LOAN INFORMATION  
Federal Aid Number:  
HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
NE SYLVAN WAY AND SPRUCE AVE  
TRAFFIC CONTROL PLAN

SHEET  
40 OF 45  
PN:  
DWG  
TC-5





FILE: TC-5-TC-6 LAYOUT: TC-5 PATH: E:\All-DKS\SEA Company\Projects\22\22291-000 Bremerton Systemic Ped Treatment - RRFB\03 Design\04 CAD PLOTTED BY: catherine.tower DATE: Wednesday, August 6, 2025 1:55:56:39

MINIMUM TAPER LENGTH = L(FEET)	
POSTED SPEED (MPH)	TAPER
30	15"W

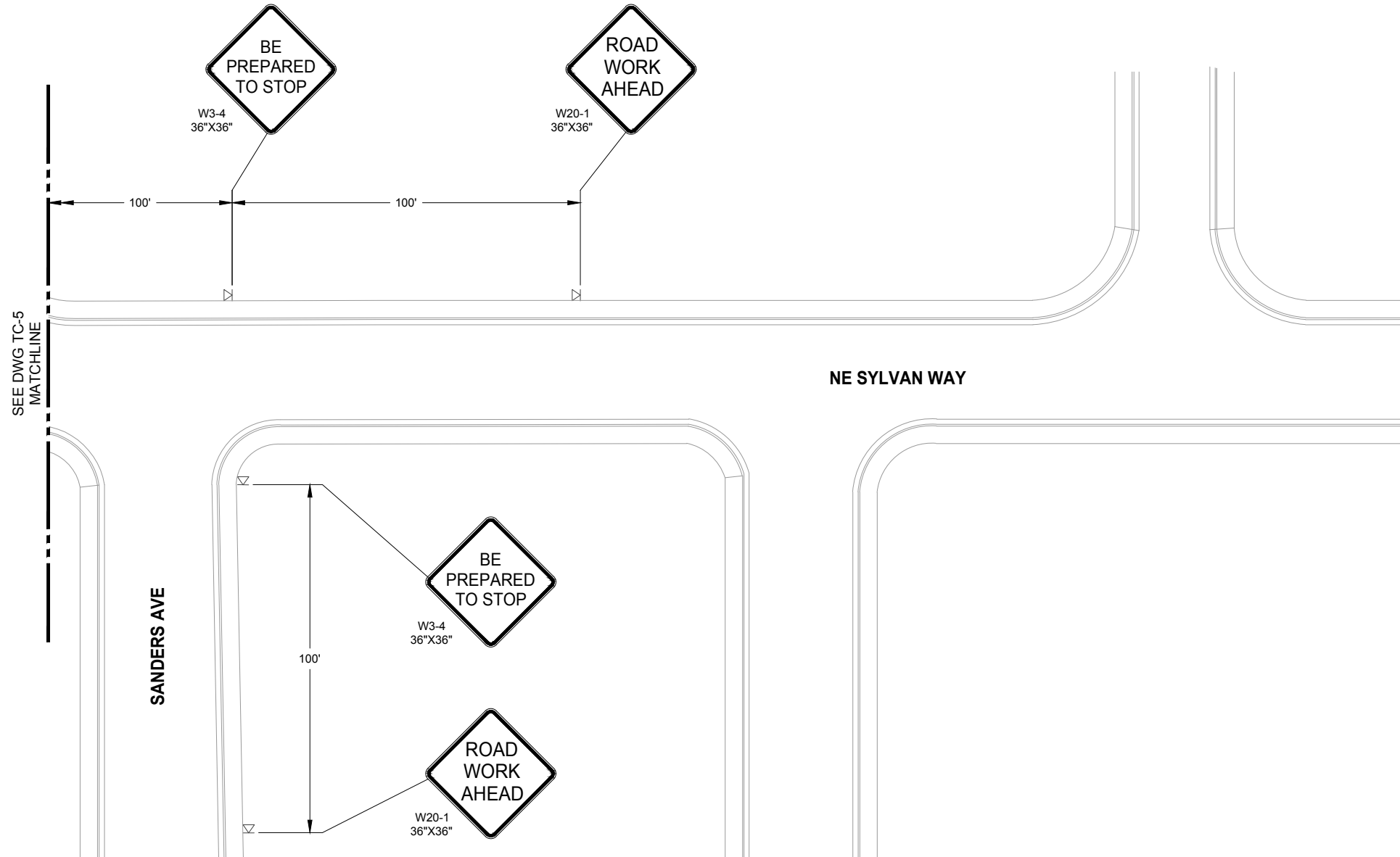
W = SHIFT WIDTH

SIGN SPACING = X(1)		
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	30 MPH	100'±(2)
(1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS AND DRIVEWAYS.		
(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.		

CHANNELIZING DEVICE SPACING (FEET)			
MPH	TAPER	TANGENT	CURVES
30	20	40	10

- LEGEND**
-  WORK ZONE
  -  CHANNELIZING DEVICE
  -  SIGN
  -  FLAGGER

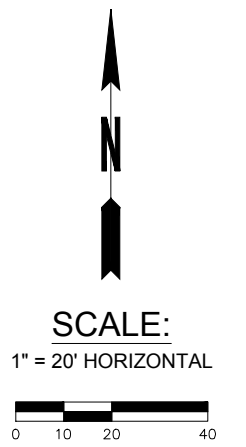
- GENERAL NOTES**
- REFER TO MUTCD FOR SIGN DETAILS.
  - EXACT LOCATION OF SIGNS TO BE DETERMINED BY ENGINEER.
  - ALL SIGNS TO REMAIN UNTIL CONSTRUCTION IS COMPLETE UNLESS DIRECTED BY THE TRAFFIC CONTROL SUPERVISOR.
  - A MINIMUM OF 5 CHANNELIZATION DEVICES SHALL BE USED ON TAPERS.
  - CONTRACTOR SHALL MAINTAIN LOCAL ACCESS TO DRIVEWAYS, BUSINESSES, AND CROSS STREETS DURING CONSTRUCTION.
  - ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
  - THIS TRAFFIC CONTROL PLAN INTENDED TO BE USED FOR SHORT TERM, OFF WORK HOURS CLOSURE OF NORTHWEST CORNER AT NE SYLVAN WAY AND SPRUCE AVE.
  - CONTRACTOR SHALL CONSIDER ACCESS TO TRANSIT STOPS IN THE VICINITY. CONTRACTOR TO MAINTAIN ALL PEDESTRIAN MOVEMENTS IN THE VICINITY. CONTRACTOR SHALL COORDINATE WITH KITSAP COUNTY AS NECESSARY.
  - CONTRACTOR SHALL CLOSE A MAXIMUM OF ONE CROSSWALK AT AN INTERSECTION AT ONE TIME.
  - CONTRACTOR SHALL PROVIDE THE NAME OF TCS AND A 24 HOUR CONTACT PHONE NUMBER.
  - CONTRACTOR SHALL MODIFY FOR OTHER LOCATIONS AND ACQUIRE ENGINEER'S APPROVAL BEFORE IMPLEMENTATION.



**SHORT TERM, WORK HOURS -  
CORNER CLOSURE**



Know what's below.  
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Determina lo que esta bajo tierra.  
Llama antes de excavar.



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**CITY OF BREMERTON**  
DEPARTMENT OF PUBLIC WORKS & UTILITIES  
ENGINEERING DIVISION

DESIGN BY: TSC/CRT  
WA P.E.# DATE: 08/06/25

DRAWN BY: RAS  
DATE: 08/06/25

CHECKED BY: JXL  
WA P.E.# 40628 DATE: 08/06/25

SECTION, TOWNSHIP, RANGE:  
GRANT/LOAN INFORMATION  
Federal Aid Number:  
HSIP-000S(629)

**BREMERTON SYSTEMIC PEDESTRIAN TREATMENTS (RRFB)**  
**NE SYLVAN WAY AND SPRUCE AVE**  
**TRAFFIC CONTROL PLAN**

SHEET  
41 OF 45  
PN:  
DWG  
TC-6

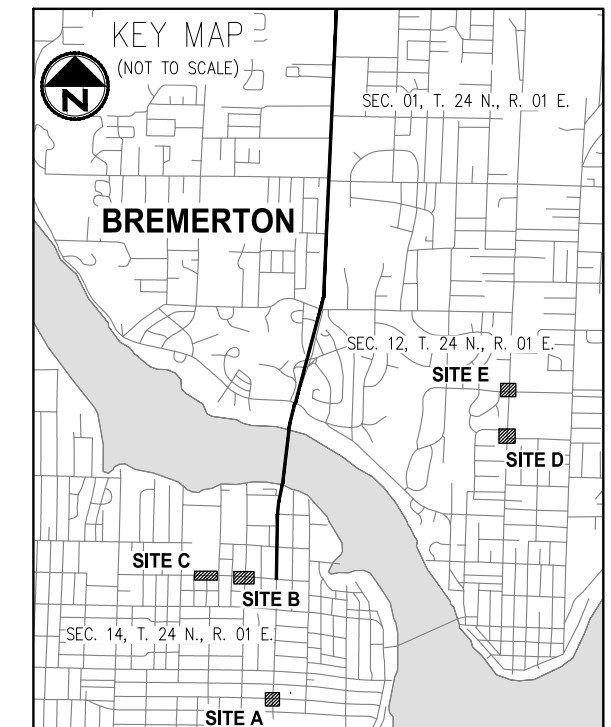
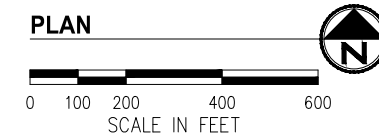
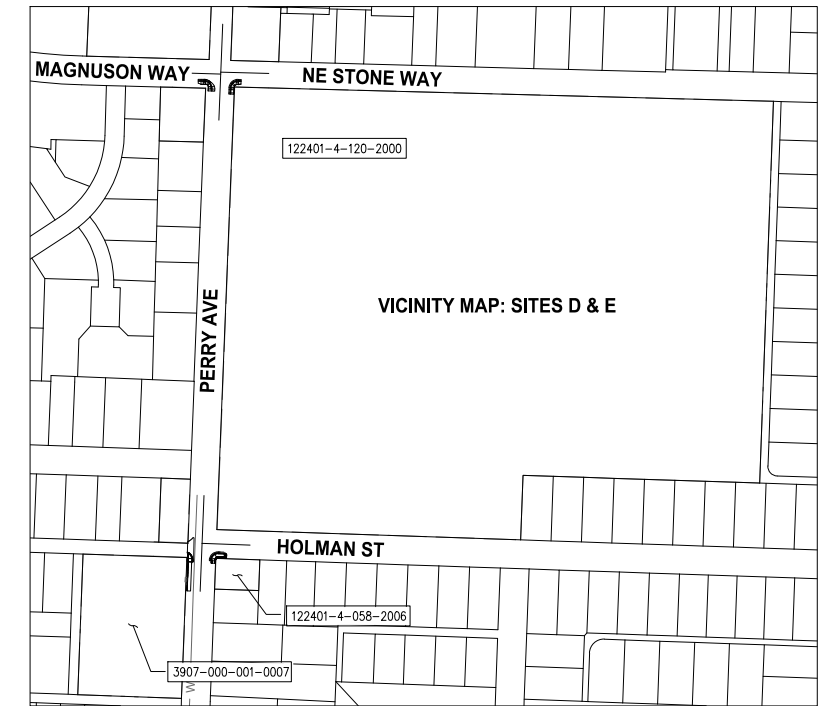
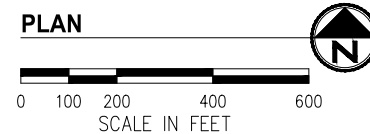
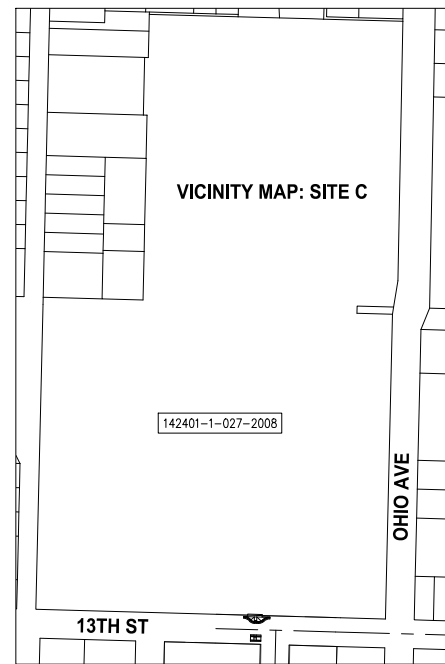
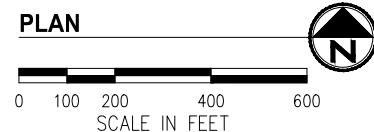
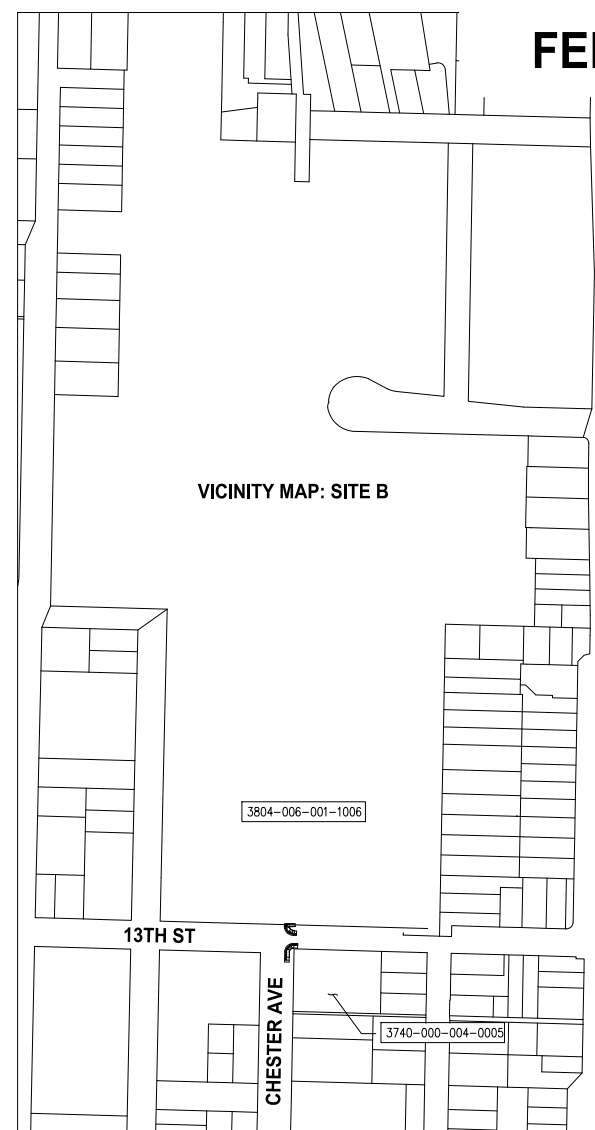
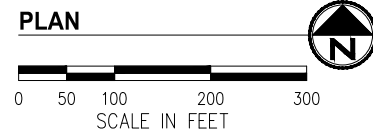
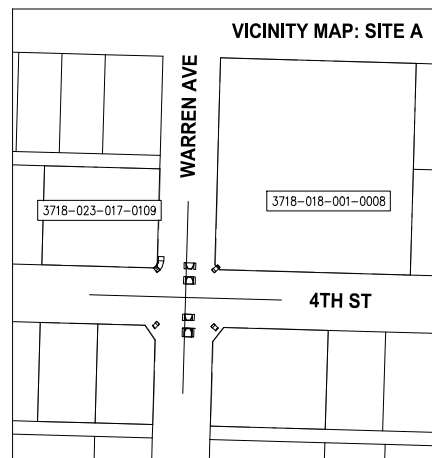


# CITY OF BREMERTON

## SYSTEMIC PEDESTRIAN TREATMENTS - RRFB

### RIGHT-OF-WAY PLANS

#### FEDERAL AID PROJECT NO. HSIP-000S(629)



- LEGEND**
- CONSTRUCTION CENTERLINE
  - - - EXISTING RIGHT OF WAY CENTERLINE
  - - - EXISTING RIGHT OF WAY
  - - - EXISTING PROPERTY LINE (PER ASSESSOR)
  - - - PROPOSED RIGHT OF WAY
  - - - PROPOSED TEMPORARY CONSTRUCTION EASEMENT (TCE)
  - 50' EXISTING RIGHT OF WAY WIDTH
  - FOUND MONUMENT (AS DESCRIBED)
  - S.F. SQUARE FEET

**REFERENCES**

(ALL RECORDS OF KITSAP COUNTY, WASHINGTON)

**SITE A**  
 PLAT OF THE TOWN OF BREMERTON  
 REC NO. 200603070238  
 REC NO. 201101180125  
 REC NO. 202206100173

**SITE B**  
 REESE'S FIRST ADDITION  
 G.G. CRAWFORD'S FIRST ADDITION  
 REC NO. 9011200134  
 REC NO. 9404010100  
 REC NO. 200504150108  
 REC NO. 201201030310

**SITE C**  
 REESE'S FIRST ADDITION  
 G.G. CRAWFORD'S FIRST ADDITION  
 REC NO. 9011200134  
 REC NO. 9404010100  
 REC NO. 200504150108  
 REC NO. 201201030310

**SITE D**  
 PLAT OF BREWER ADDITION  
 PLAT OF BREWER PLACE  
 REC NO. 9107100008

**SITE E**  
 4TH ADDITION TO SHERIDAN PARK  
 REC NO. 9107100008  
 REC NO. 9109090197  
 REC NO. 201812100015

**SITE F**  
 HALVERSON ADDITION  
 PLAT OF HALVERSON 2ND ADDITION  
 3RD ADDITION TO SHERIDAN PARK  
 PLAT OF HALVERSON 3RD ADDITION  
 REC NO. 9107010021  
 REC NO. 200203050272

**SITE G**  
 SYLVAN PARK  
 FIRST ADDITION TO SYLVAN PARK  
 VIEW CREST GARDENS  
 REC NO. 7810170123

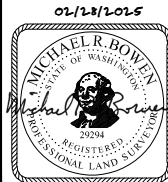
**HORIZONTAL DATUM**

WASHINGTON STATE PLANE COORDINATE SYSTEM,  
 NORTH ZONE, NAD 83/11 PER WASHINGTON  
 STATE REFERENCE NETWORK (WSRN).

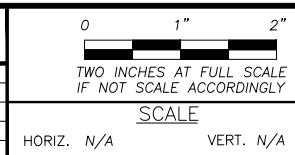
**VERTICAL DATUM**

NAVD 88

CAD FILE: KPGP\_SSM\_PLT



REVISIONS			
NO.	DESCRIPTION	DATE	BY



FIELD BOOK  
 DRAWING NO.

**CITY OF BREMERTON**  
**DEPARTMENT OF PUBLIC WORKS & UTILITIES**  
**ENGINEERING DIVISION**

DRAWN BY: K. WEISSER  
 DATE 01/2023

DESIGN BY: M. BOWEN  
 WASH. P.E. # 29294 DATE 01/2023

CHECKED BY: R. REICHEL  
 WASH. P.E. # 38015 DATE 02/2023

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**SYSTEMIC PEDESTRIAN TREATMENTS**  
**RRFB**  
**RIGHT-OF-WAY PLAN INDEX AND NOTES**

SHEET  
 RW-1  
 OF  
 45

PIN: DKS010100

SYSTEMIC PEDESTRIAN TREATMENTS

LINE TABLE		
LINE	LENGTH	BEARING
L1	7.07'	S 43°24'21" E
L2	3.46'	S 88°25'49" E
L3	2.96'	S 1°37'06" W
L4	11.61'	N 45°07'25" W
L5	4.12'	S 1°37'06" W

LINE TABLE		
LINE	LENGTH	BEARING
L6	17.61'	N 45°06'42" W
L7	4.37'	S 88°25'49" E
L8	21.22'	S 46°35'39" W
L9	15.00'	N 1°37'06" E
L10	15.00'	S 88°25'49" E

LINE TABLE		
LINE	LENGTH	BEARING
L12	37.00'	S 88°23'50" E
L13	5.00'	N 1°36'10" E
L14	37.00'	N 88°23'50" W
L15	5.00'	S 1°36'10" W
L21	31.00'	S 88°23'50" E

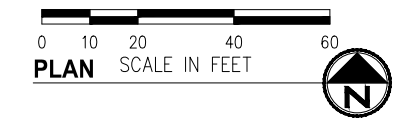
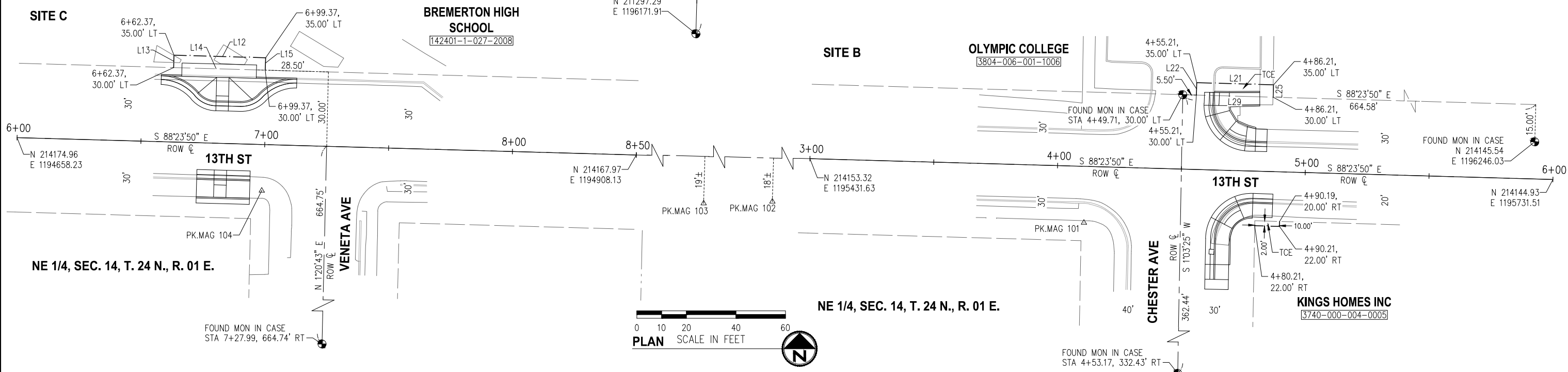
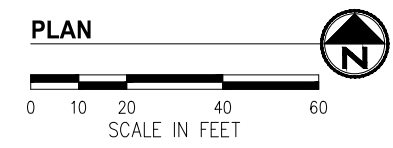
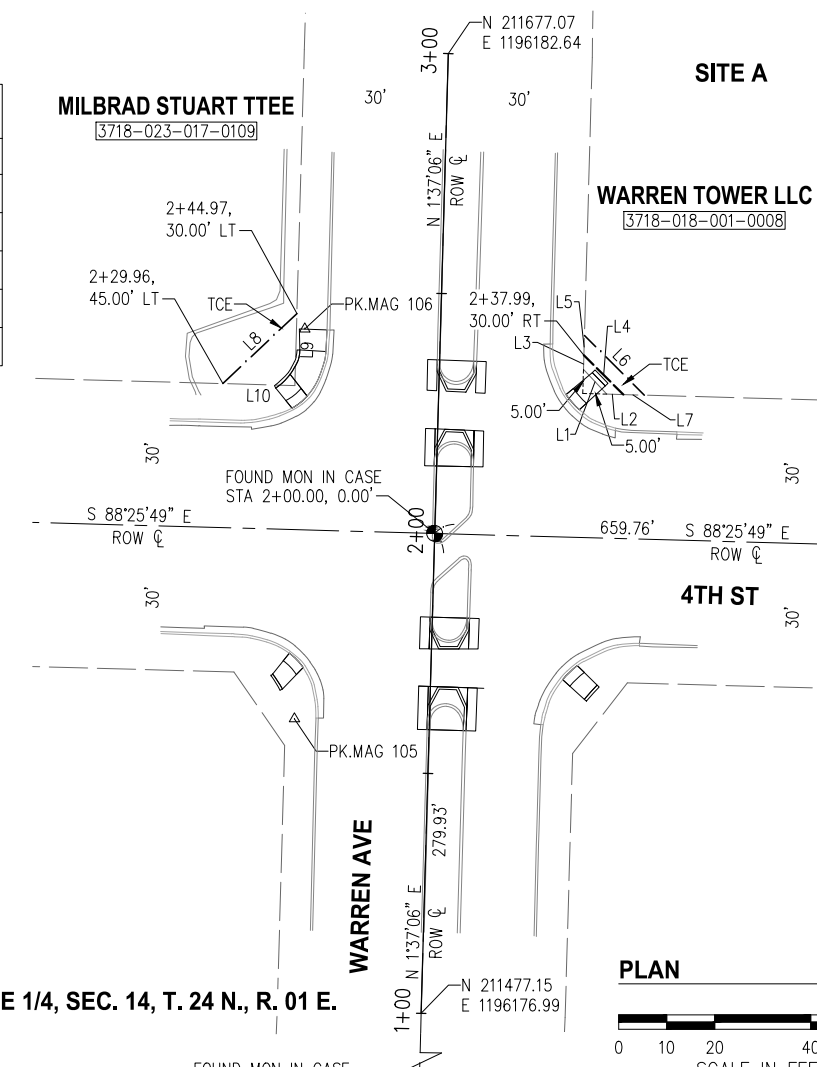
LINE TABLE		
LINE	LENGTH	BEARING
L22	5.00'	N 1°36'10" E
L25	5.00'	S 1°36'10" W
L29	31.00'	N 88°23'50" W

CONTROL POINT LIST				
PT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
101	MAGNETIC NAIL	214127.49	1195542.20	88.13'
102	MAGNETIC NAIL	214138.57	1195332.21	94.81'
103	MAGNETIC NAIL	214144.45	1195072.23	92.44'
104	MAGNETIC NAIL	214153.60	1194756.96	87.46'
105	MAGNETIC NAIL	211538.50	1196150.59	59.55'
106	MAGNETIC NAIL	211619.72	1196152.73	58.84'

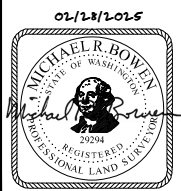
OWNERSHIPS AND AREAS (SQ. FT.)							
NAME	TAX ID	OWNER ADDRESS	SITE ADDRESS	TOTAL AREA*	RIGHT OF WAY	REMAINDER	TEMP ESMT
MILBRAD STUART TTEE	3718-023-017-0109	90 MOCKINGBIRD LN PORT LUDLOW, WA 98365	1002 4TH ST BREMERTON, WA 98337	12,197	-	12,197	113
WARREN TOWER LLC	3718-018-001-0008	PO BOX 2057 GIG HARBOR, WA 98335	400 WARREN AVE BREMERTON, WA 98337	44,867	21	44,846	44
OLYMPIC COLLEGE	3804-006-001-1006	OLYMPIC COLLEGE DEAN OF BUSINESS, STORTO PROPERTY	1520 OHIO AVE BREMERTON, WA 98337	1,381,723	-	1,381,723	155
KINGS HOMES INC	3740-000-004-0005	PO BOX 547 OLALLA, WA 98359	1117 13TH ST BREMERTON, WA 98337	24,394	-	24,394	20
BREMERTON HIGH SCHOOL	142401-1-027-2008	134 MARIAN AVE N BREMERTON, WA 98312	1500 13TH ST BREMERTON, WA 98337	788,000	-	788,000	185

\* PER KITSAP COUNTY ASSESSOR

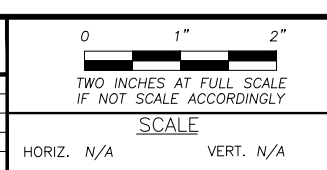
LEGEND	
	CONSTRUCTION CENTERLINE
	EXISTING RIGHT OF WAY CENTERLINE
	EXISTING RIGHT OF WAY
	EXISTING PROPERTY LINE (PER ASSESSOR)
	PROPOSED RIGHT OF WAY
	PROPOSED TEMPORARY CONSTRUCTION EASEMENT (TCE)
50'	EXISTING RIGHT OF WAY WIDTH
	FOUND MONUMENT (AS DESCRIBED)
S.F.	SQUARE FEET



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NO.	DESCRIPTION	DATE	BY



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CITY OF BREMERTON DEPARTMENT OF PUBLIC WORKS & UTILITIES ENGINEERING DIVISION		
DRAWN BY: K. WEISSER DATE 01/2023	DESIGN BY: M. BOWEN WASH. P.E. # 29294 DATE 01/2023	CHECKED BY: R. REICHEL WASH. P.E. # 38015 DATE 02/2023

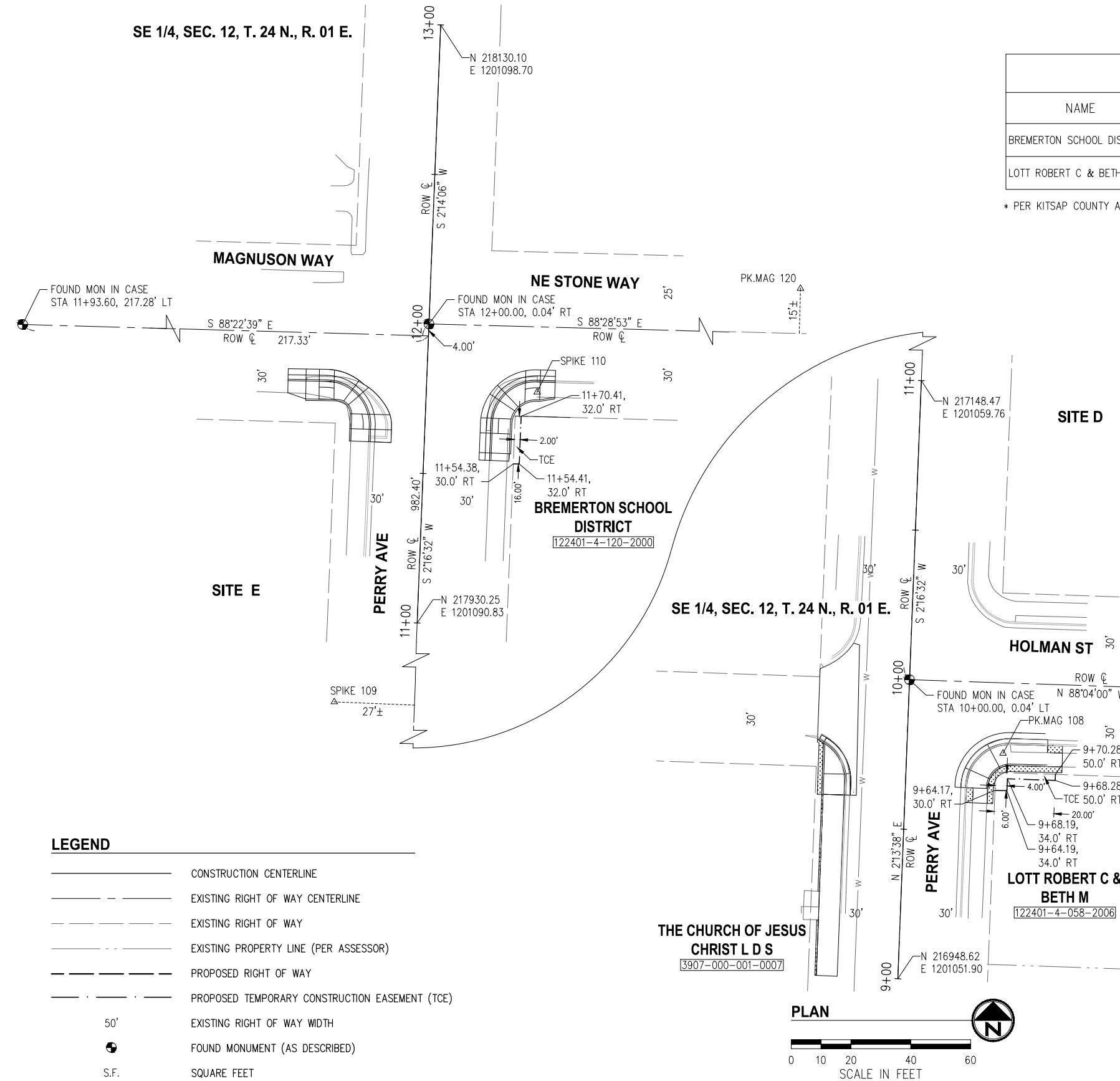
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**SYSTEMIC PEDESTRIAN TREATMENTS**  
**RRFB**  
**RIGHT-OF-WAY PLANS - SITES A, B, C**

PN: DK5010100	SHEET RW-2 OF 45
---------------	------------------

SYSTEMIC PEDESTRIAN TREATMENTS

SE 1/4, SEC. 12, T. 24 N., R. 01 E.



OWNERSHIPS AND AREAS (SQ. FT.)							
NAME	TAX ID	OWNER ADDRESS	SITE ADDRESS	TOTAL AREA*	RIGHT OF WAY	REMAINDER	TEMP ESMT
BREMERTON SCHOOL DISTRICT	122401-4-120-2000	134 MARION AVE N. BREMERTON, WA 98312	2400 PERRY AVE BREMERTON, WA 98310	975,744	-	975,744	32
LOTT ROBERT C & BETH M	122401-4-058-2006	2305 HOLMAN ST BREMERTON, WA 98310	2303 HOLMAN ST BREMERTON, WA 98310	6,098	-	6,098	56

\* PER KITSAP COUNTY ASSESSOR

CONTROL POINT LIST				
PT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
108	MAGNETIC NAIL	217023.92	1201087.07	284.49'
109	SPIKE	217246.41	1201036.85	289.22'
110	SPIKE	218007.35	1201130.94	302.13'
120	MAGNETIC NAIL	217999.80	1201670.67	278.07'

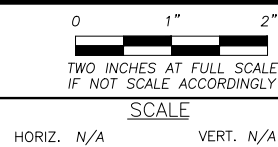
**LEGEND**

- CONSTRUCTION CENTERLINE
- - - EXISTING RIGHT OF WAY CENTERLINE
- - - EXISTING RIGHT OF WAY
- - - EXISTING PROPERTY LINE (PER ASSESSOR)
- - - PROPOSED RIGHT OF WAY
- - - PROPOSED TEMPORARY CONSTRUCTION EASEMENT (TCE)
- 50' EXISTING RIGHT OF WAY WIDTH
- ⊕ FOUND MONUMENT (AS DESCRIBED)
- S.F. SQUARE FEET

CAD FILE: KPGP\_SSM\_PLT



REVISIONS			
NO.	DESCRIPTION	DATE	BY



FIELD BOOK  
DRAWING NO.

**CITY OF BREMERTON**  
**DEPARTMENT OF PUBLIC WORKS & UTILITIES**  
**ENGINEERING DIVISION**

DRAWN BY: K. WEISSER  
DATE 01/2023

DESIGN BY: M. BOWEN  
WASH. P.E. # 29294 DATE 01/2023

CHECKED BY: R. REICHEL  
WASH. P.E. # 38015 DATE 02/2023

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**SYSTEMIC PEDESTRIAN TREATMENTS**  
**RRFB**  
**RIGHT-OF-WAY PLANS - SITES D, E, F, H**

PN: DK5010100  
SHEET RW-3 OF 45

SYSTEMIC PEDESTRIAN TREATMENTS