

Section S: Permanent Signing Plans

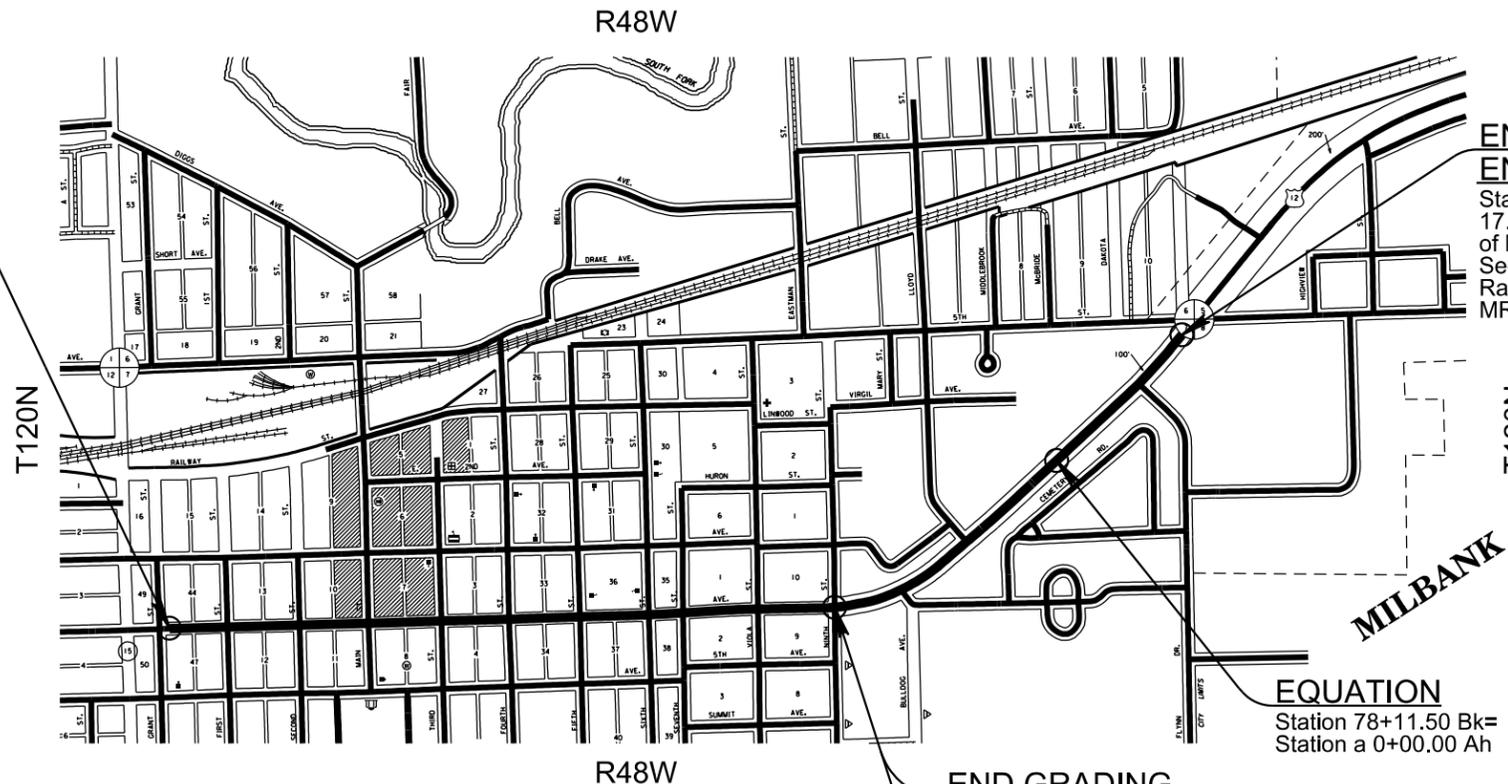
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0012(151)389	S1	S29
Plotting Date: 12/08/2014			

INDEX OF SHEETS

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BEGIN NH 0012(151)389
BEGIN GRADING
 Station 85+81.22 = Station 28+89.95
 on F044-8(2) 9.230' east of the
 Intersection of Grant Street and US
 Hwy 12 Section 7 - Township 120
 North - Range 48 West of the 5th P.M.
 MRM 389.08+0.010



END NH 0012(151)389
END RESURFACING
 Station a 8+94.50 on F044-8(2)
 17.740' southwest of the Intersection
 of Milbank Avenue and US Hwy 12
 Section 7 - Township 120 North -
 Range 48 West of the 5th P.M.
 MRM 390.00+0.227

EQUATION
 Station 78+11.50 Bk=
 Station a 0+00.00 Ah

END GRADING
 Station 120+99
BEGIN RESURFACING
 Station 64+07.73
 Equation

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
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SECTION S – ESTIMATE OF QUANTITIES

Bid Item Number	Item	Quantity	Unit
110E0130	Remove Traffic Sign	51	Each
110E7150	Remove Sign for Reset	4	Each
632E1320	2.0"x2.0" Perforated Tube Post	358.0	Ft
632E1340	2.5"x2.5" Perforated Tube Post	64.0	Ft
632E3203	Flat Aluminum Sign, Nonremovable Copy High Intensity	167.5	SqFt
632E3205	Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity	121.7	SqFt
632E3500	Reset Sign	4	Each

GENERAL PERMANENT SIGNING NOTES

Permanent sign locations shall be staked in the field by the Contractor and checked by the Engineer. The Contractor shall give the Engineer a minimum of one week to check staked locations prior to sign/post installation.

The Contractor shall be responsible for contacting South Dakota One Call to locate the utilities at the staked sign installation locations.

Prior to ordering sign posts, the Contractor shall verify post lengths.

REMOVE EXISTING SIGNS

Existing signs within the project limits are summarized in the Sign Table. This table provides the station for each sign. Existing signs in the table are indicated to be removed and not reused.

All existing signs and hardware listed to be removed shall become the property of the Contractor.

Holes remaining from the removal of 4"x6" sign posts shall be backfilled and compacted with material placed in layers not to exceed 6 inches in depth.

All costs associated with the removal of existing signs, posts, hardware, and for backfilling holes for wood posts shall be incidental to the contract unit price per each for REMOVE TRAFFIC SIGN.

All existing sign posts and or sign bases shall be removed in their entirety.

DATE DECALS

The Contractor shall furnish and affix a date decal to each new sign installed. Date decals shall be self-adhesive weather resistant stickers with removable paper backing, approximately 2" X 2" in size. The date decal shall display the last two digits of the year the sign was manufactured with black numerals on a white background.

One decal shall be placed in the extreme lower left corner of the front of each extruded aluminum panel sign, or the extreme lower left corner of the back of each flat aluminum sign.

Sign supports or other obstructions shall not block the view of the date decal upon completion of the sign installation.

All costs to furnish and install date decals on new signs shall be incidental to the contract unit price per square foot for, Flat Aluminum Sign, Nonremovable Copy High Intensity, or Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity.

NEW PERMANENT SIGNING

New signs for installation are summarized in the Sign Table.

Sign Design

Signs shall be constructed as required per the Manual on Uniform Traffic Control Devices (MUTCD), the latest edition of "Standard Highway Signs", and as specified on the Special Sign Design sheets.

All sign material shall comply with Section 982 of the Specifications.

All upper/lower case letters and numerals shall be as required per the MUTCD, the latest edition of "Standard Highway Signs", and as illustrated on the Special Sign Design sheets

The Contractor shall furnish the Aberdeen Region Traffic Engineer (P.O. Box 1767; Aberdeen, SD 57402) with a detailed sign layout sheet for each sign shown. These detailed sign layouts shall be approved by the Region Traffic Engineer prior to ordering the signs.

Sign Sheeting

Signs shall be constructed using High Intensity (ASTM D4956 Type IV) or Super/Very High Intensity (ASTM D4956 Type XI) reflective sheeting as summarized in the US 12 Permanent Sign Installation Tables.

All signs shall be manufactured in accordance with the sheeting manufacturer's recommendations utilizing a matched component system, including inks, electronic cuttable films, and protective overlay films. Digitally printed signs will not be accepted.

All black legend and borders shall be nonreflectorized (unless otherwise specified in these plans).

Sign Installation Hardware

Aluminum U-Channel stiffeners shall be used on all standard highway signs greater than 36 inches in width and shall conform to Alloy 6063-T6 or 6061-T6. The U-Channel shall be 2 inches in width and free of holes. The U-Channel stiffeners shall also be used to connect various signs together so that an entire sign assembly can be erected on a single installation.

Stiffeners may be fastened to signs by use of ¼ inch diameter drive rivets.

Refer to the Breakaway Sign Supports diagram for typical sign and stiffener details.

The Contractor shall use 3/8 inch diameter rust proof machine sign bolts, flat metal washers, neoprene washers (against the sign sheeting), lock washers, and nuts to fasten the sign to the channel aluminum and posts. A minimum of two bolts shall extend through each post.

All costs associated with furnishing and installing the new permanent signs, furnishing and installing stiffeners and hardware shall be incidental to the contract unit price per square foot for Flat Aluminum Sign, Nonremovable Copy High Intensity, or Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity.

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SQUARE TUBE ANCHOR SLEEVE

The Contractor shall furnish and install new square tube anchor sleeve as follows:

2.5" x 18", 12 Gauge square tube anchor sleeve, (or equivalent components as approved by the Engineer).

A 2.25" x 2.25" x 4' perforated tube post (12 Gauge) shall be used as the anchor post for installation with the square tube anchor sleeve.

SQUARE TUBE POST SLEEVE

All 2.5"x2.5" perforated tube post (10 Gauge) shall be sleeved with a 2 3/16"x2 3/16"x4' perforated tube post (10 Gauge).

WINGED SLIP BASE ANCHOR

The Contractor shall furnish and install new winged anchor as required per the plans.

Winged anchor shall be installed using direct drive method.

Winged anchor shall consist of a slip base (upper), 48 inch long winged anchor (lower), and hardware kit.

MILEAGE REFERENCE MARKERS

MRMs (Mileage Reference Markers) are not to be disturbed. If an MRM is attached to a sign listed for replacement it shall be salvaged and reattached to the new sign in the same location. Payment for this work shall be incidental to the various signing contract items.

US 12 Permanent Sign Installation Table

Station	Side of Road	Description	Sign Code	Width (Inches)	Height (Inches)	Flat Aluminum sign, Nonremovable Copy High Intensity (SQFT)	Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity (SQFT)	2.0"x2.0" Perforated Tube Post 12 ga. (FT)	2.5"x2.5" Perforated Tube Post 10 Ga. (FT)	(N.A.B.I.) Square Tube Anchor Sleeve (Each)	(N.A.B.I.) 48" Winged Slip Base Anchor (Each)	Remove Traffic Sign (Each)	Remove Sign For Reset (Each)	Reset Sign (Each)	Direction Sign Faces	Current Type of Post	Remarks
87+06.00	Lt.	Webster, 212, Wilmot	D1-3	54	36	13.5			20		2	1			E	Telespar	
87+98.22	Rt.	Two Way	R3-9b	24	36	6.0		10		1		1			W	Telespar	
88+21.00	Lt.	No Parking Symbol	R8-3	24	24	4.0		8		1		1			E	Light Pole	
88+53.60	Lt.	Stop	R1-1	30	30		5.2	9		1		1			N	Telespar	
88+95.00	Rt.	Stop	R1-1	30	30		5.2	9		1		1			S		
89+08.62	Rt.	Speed Limit 30mph	R2-1	24	24	4.0		8		1		1			W	U-Channel	
92+16.42	Lt.	United Methodist Church (back to back)										1			W/E	Light Pole	Remove
92+19.3	Lt.	Stop	R1-1	30	30		5.2	9		1		1			N	U-Channel	
92+59.53	Rt.	Stop	R1-1	30	30		5.2	9		1		1			S	U-Channel	
94+72.02	Lt.	Two Way	R3-9b	24	36	6.0		10		1		1			E	Telespar	
99+57.19	Lt.	Stop	R1-1	30	30		5.2	9		1		1			N	U-Channel	
100+05.30	Rt.	Stop	R1-1	30	30		5.2	9		1		1			S	U-Channel	
100+07.48	Rt.	Library										1			W	Telespar	Remove do not Replace
100+76.82	Rt.	Two Way	R3-9b	24	36	6.0						1			W	Telespar	Replace/Move to 100+97 and band to luminaire pole
103+31.95	Lt.	Stop	R1-1	30	30		5.2	9		1		1			N	Telespar	
103+71.9	Lt.	Street Sign											1	1			Replace existing sign on stop sign at 103+31.95
103+71.97	Rt.	Stop	R1-1	30	30		5.2	9		1		1			S	Telespar	
105+28.32	Lt.	No Parking Symbol	R8-3	24	24	4.0		8		1		1			E	Light Pole	Replace/Move to 105+06.00
106+96.53	Lt.	Stop	R1-1	30	30		5.2	9		1		1			N	Telespar	The current sign at this location is a "Stop Here on Red". New sign shall be a "STOP" sign.
107+36.05	Rt.	Stop	R1-1	30	30		5.2	9		1		1			S	Telespar	The current sign at this location is a "Stop Here on Red". New sign shall be a "STOP" sign.
108+08.12	Lt.	Two Way	R3-9b	24	36	6.0						1			E	Telespar	Replace/Move to 108+05 and band to luminaire pole
109+08.65	Rt.	No Parking Symbol	R8-3	24	24	4.0		8		1		1			W	Light Pole	

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110+61.88	Lt.	Stop	R1-1	30	30		5.2	9		1		1			N	U-Channel	
111+03.51	Rt.	Stop	R1-1	30	30		5.2	9		1		1			S	U-Channel	
112+46.45	Lt.	Stop	R1-1	30	30		5.2	9		1		1			N	Telespar	
112+86	Lt.	Street Sign											1	1			Replace existing sign on stop sign at 112+46.45
112+86.8	Rt.	Stop	R1-1	30	30		5.2	9		1		1			S	Telespar	
114+84.62	Rt.	Speed Limit 30mph	R2-1	24	24	4.0						1			W	Light Pole	Replace/Move to 115+67 and band to luminaire pole
		No Parking Symbol	R8-3	24	24	4.0							Light Pole				
116+33.49	Lt.	Stop	R1-1	30	30		5.2	9		1		1			N	U-Channel	
116+78.7	Lt.	Street Sign											1	1			Replace existing sign on stop sign at 116+33.49
116+78.76	Rt.	Stop	R1-1	30	30		5.2	9		1		1			S	U-Channel	
117+77.35	Rt.	Hospital	D9-2	24	24	4.0		9		1		1			W	Telespar	
		Arrow Horizontal Single	M6-1	24	6	1.0							W	Telespar			
118+59.11	Rt.	No Parking Symbol	R8-3	24	24	4.0		8		1		1			W	U-Channel	
120+16.75	Rt.	School Sign Back to Back										1			W/E	U-Channel	Remove do not Replace
120+29.25	Lt.	Stop	R1-1	30	30		5.2	9		1		1			N	Telespar	
120+68.19	Rt.	Stop	R1-1	30	30		5.2	9		1		1			S	Telespar	
120+80.47	Rt.	Pedestrian Crossing Symbol	W11-2	30	30		6.3	9		1		1			W	Telespar	Replace Sign, Remove Beacon
64+11.84	Lt.	Speed Limit 30mph	R2-1	24	24	4.0		10		1		1			E	U-Channel	
		No Parking Symbol	R8-3	24	24	4.0							U-Channel				
64+82.56	Rt.	Speed Limit 30mph	R2-1	24	24	4.0		8		1		1			W	Telespar	
65+57.68	Rt.	Visitor Center, Rest Area <---	D5-8	78	48	26.0			22		2	1			W	4"X6" Wood	
65+85.11	Lt.	Two Way	R3-9b	24	36	6.0		10		1		1			E	Telespar	
65+87.09	Rt.	Two Way	R3-9b	24	36	6.0		10		1		1			W	Telespar	

PLOTTED FROM - TRAB10100

US 12 Permanent Sign Installation Table

Station	Side of Road	Description	Sign Code	Width (Inches)	Height (Inches)	Flat Aluminum sign, Nonremovable Copy High Intensity (SQFT)	Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity (SQFT)	2.0"x2.0" Perforated Tube Post 12 ga. (FT)	2.5"x2.5" Perforated Tube Post 10 Ga. (FT)	(N.A.B.I.) Square Tube Anchor Sleeve (Each)	(N.A.B.I.) 48" Winged Slip Base Anchor (Each)	Remove Traffic Sign (Each)	Remove Sign For Reset (Each)	Reset Sign (Each)	Direction Sign Faces	Current Type of Post	Remarks
NO PLAN SHEETS FOR REMAINING SIGNS																	
67+24.33	Rt.	Stop	R1-1	30	30		5.2	9		1		1			SE	U-Channel	
68+70.95	Lt.	Advanced Pedestrian Crossing	W11-2	30	30		6.3	9		1		1			NE	Wood	
71+10	Lt.	Speed Limit Sign with Speed Display													NE		Do Not Disturb
71+21.66	Lt.	Stop	R1-1	30	30		5.2	9		1		1			NW	Telespar	
73+11.74	Rt.	Speed Limit 40mph	R2-1	24	24	4.0		8		1		1			SW	U-Channel	
73+27.58	Lt.	Speed Limit 30mph	R2-1	24	24	4.0		8		1		1			NE	U-Channel	
75+86.30	Lt.	Visitor Center, Rest Area -->	D5-8	78	48	26.0			22		2	1			NE	4"X6" Wood	
76+81.34	Lt.	Thank You Deployed SD National Guard						10		1			1	1	NE	Wood	Reset on New Post
a 2+00.00	Rt.	4-H Grounds										1			SW		Remove
		American Lutheran Church											SW				
a 2+56.00	Lt.	No Parking Symbol	R8-3	24	24	4.0		8		1		1			NE	U-Channel	
a 4+00.00	Rt.	Milbank High School Armory Middle School -->		36	36	9.0		10		1		1					Replace New Sign and Post and Relocate to Station a 4+00.00
a 6+00.00	Rt.	Stop	R1-1	30	30		5.2	9		1		1			SE	U-Channel	
a 7+10.00	Rt.	Dakota Granite										1					Remove
a 8+90.00	Lt.	4-H Grounds										1			NE	Wood	Remove
		American Lutheran Church											NE				
						TOTAL	167.5	121.7	358.0	64.0	40.0	6.0	51.0	4.0	4.0		

Sign Summary US 12

Sign Code	Description	Width (Inches)	Height (Inches)	Sq. Ft.	No.	Flat Aluminum Sign, Nonremovable Copy High Intensity (SQFT)	Flat Aluminum Sign, Nonremovable Copy Super or Very High Intensity (SQFT)	Text / Background
D1-3	Webster, 212, Wilmot	54	36	13.5	1	13.5		White on Green
	Milbank High School Armory Middle School --->	36	36	9.0	1	9.0		White on Green
D5-8	Visitor Center, Rest Area	78	48	26.0	2	52.0		White on Blue
D9-2	Hospital	24	24	4.0	1	4.0		White on Blue
M6-1	Arrow Horizontal Single	24	6	1.0	1	1.0		White on Blue
R1-1	Stop	30	30	5.2	21		109.2	White on Red
R2-1	Speed Limit 30mph	24	24	4.0	5	20.0		Black on White
R2-1	Speed Limit 40mph	24	24	4.0	1	4.0		Black on White
R3-9b	Two Way Centerlane	24	36	6.0	6	36.0		Black on White
R8-3	No Parking Symbol	24	24	4.0	7	28.0		Black and Red on White
W11-2	Pedestrian Crossing	30	30	6.3	2		12.5	Black on Lime Green
					Totals	167.5	121.7	

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Permanent Signing US12

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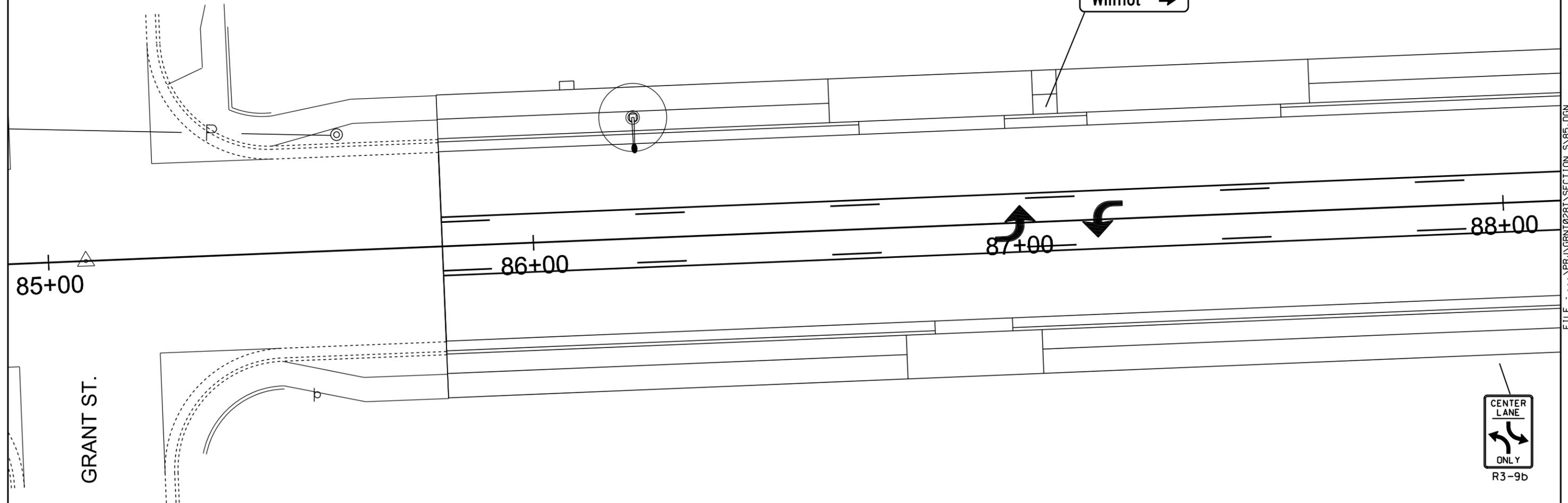
PLOT NAME - 1



↑ Webster

← 212

Wilmot →



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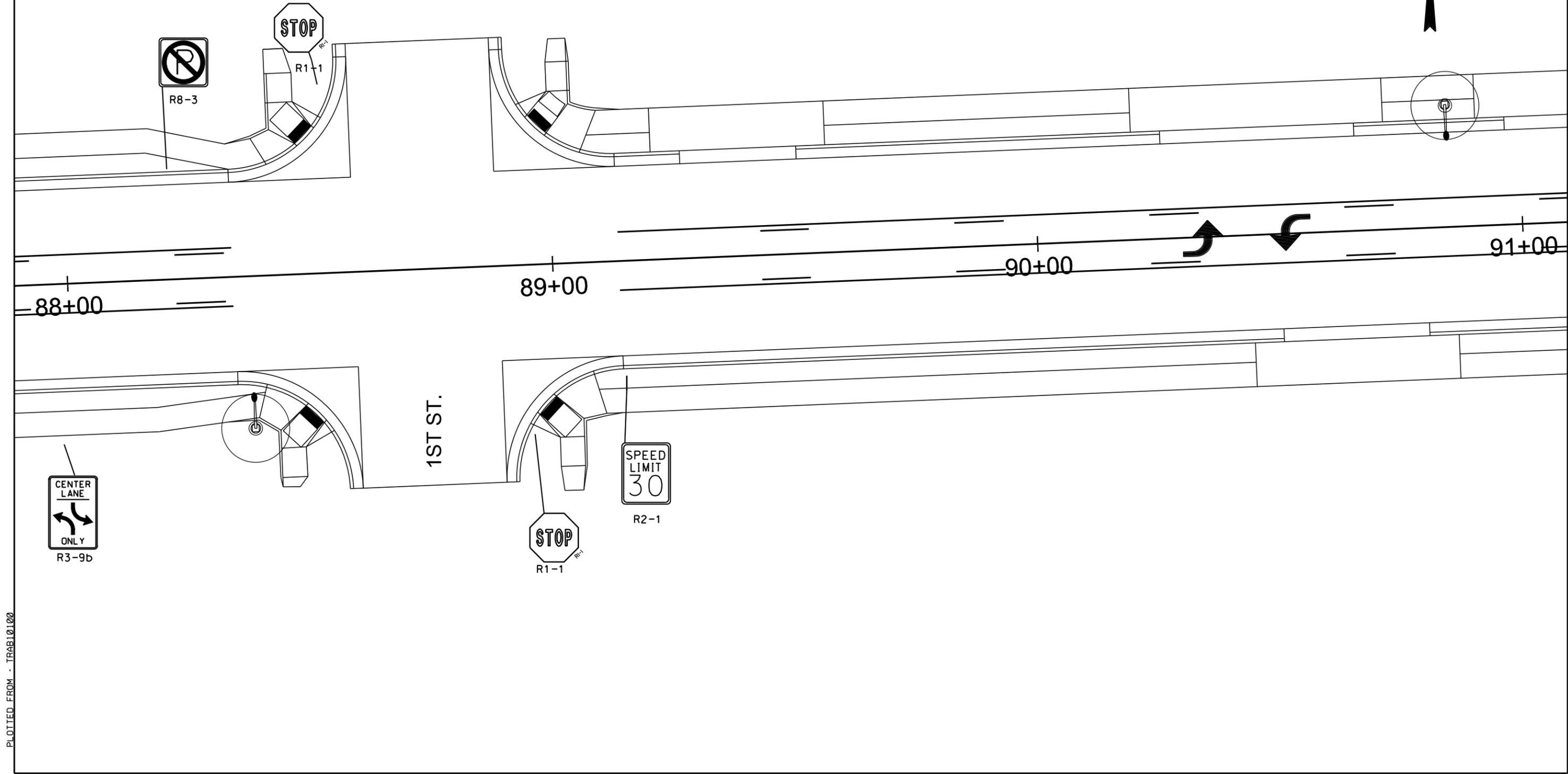
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Permanent Signing US12

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0012(151)389	S9	S29
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PLOT SCALE - 1:20

PLOT NAME - 2



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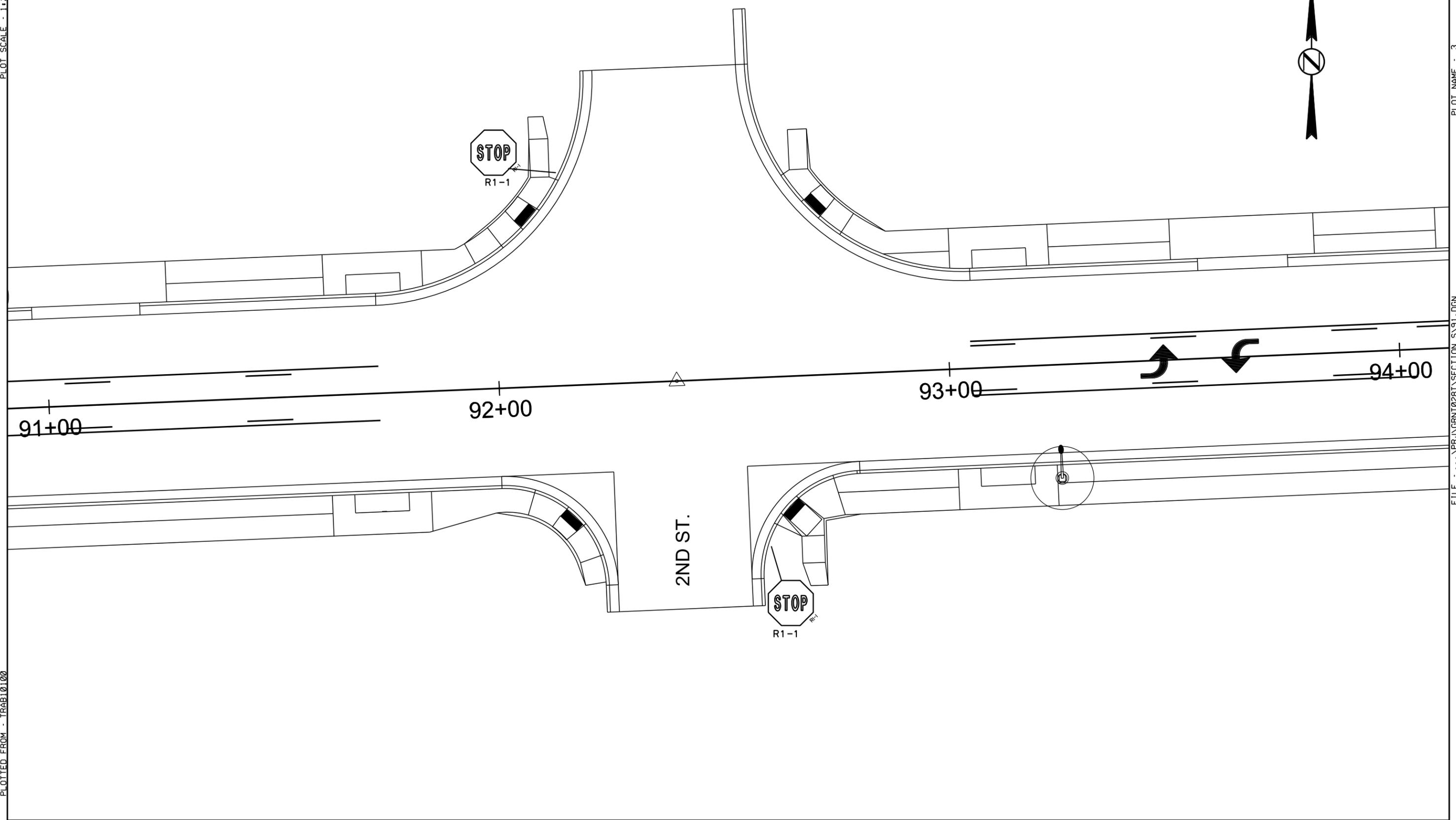
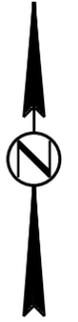
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Permanent Signing US12

PLOT SCALE - 1:20

PLOT NAME - 3



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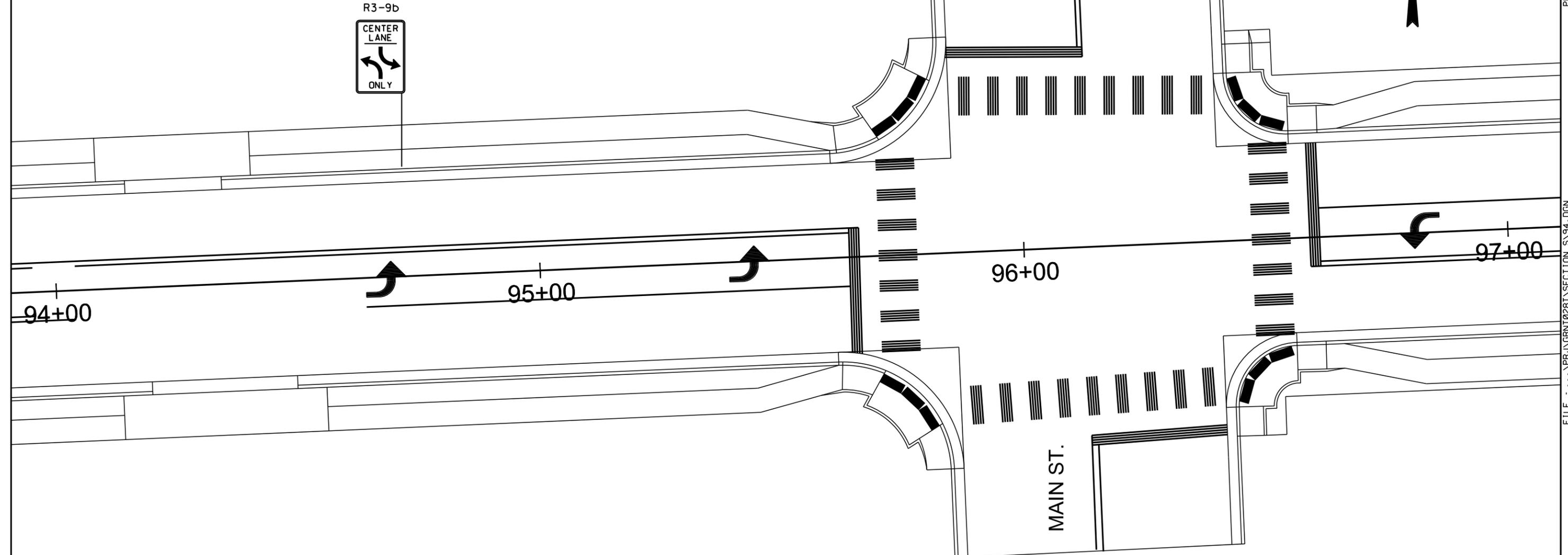
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Permanent Signing US12

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PLOT SCALE - 1:20

PLOT NAME - 4



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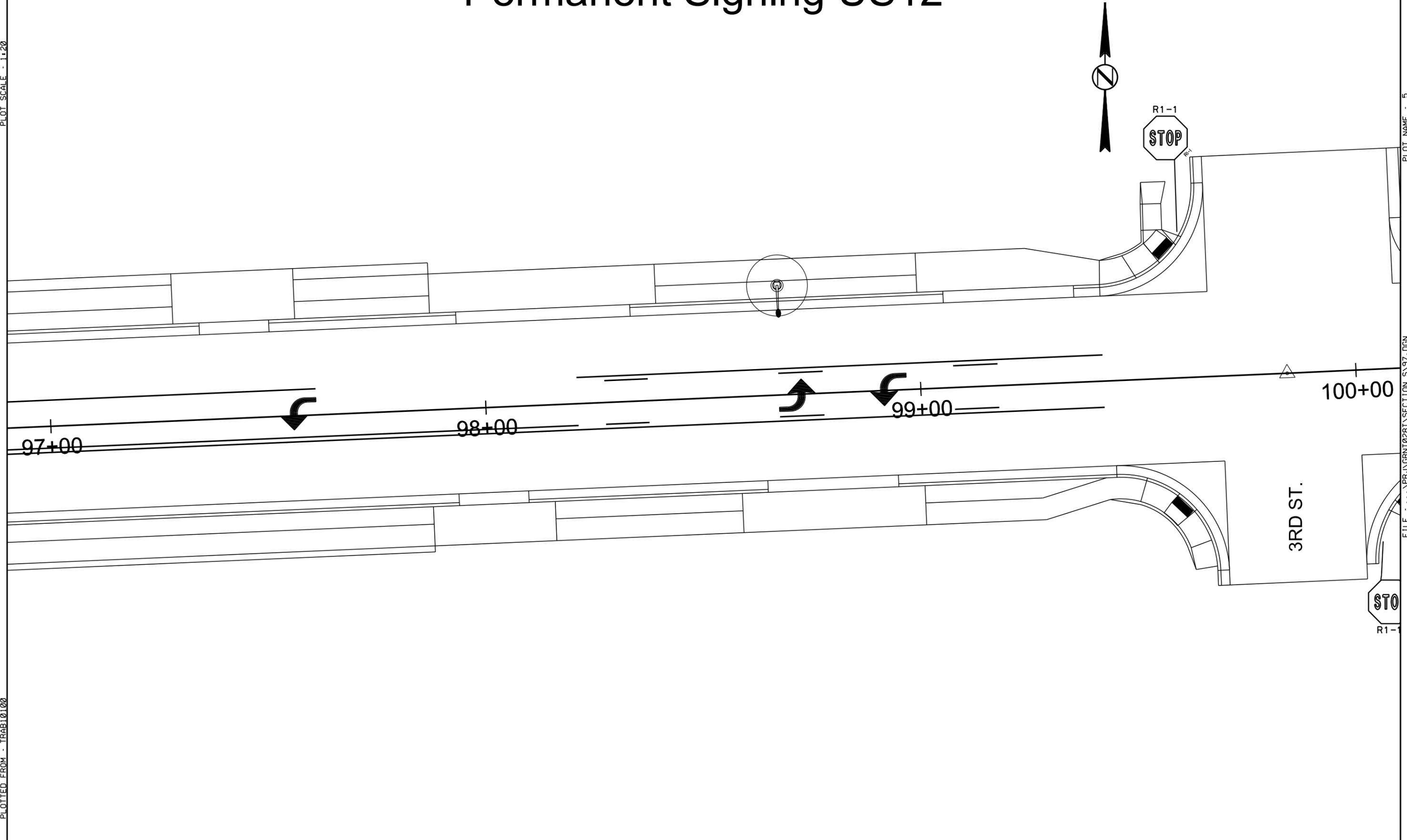
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Permanent Signing US12

PLOT SCALE - 1:20

PLOT NAME - 5



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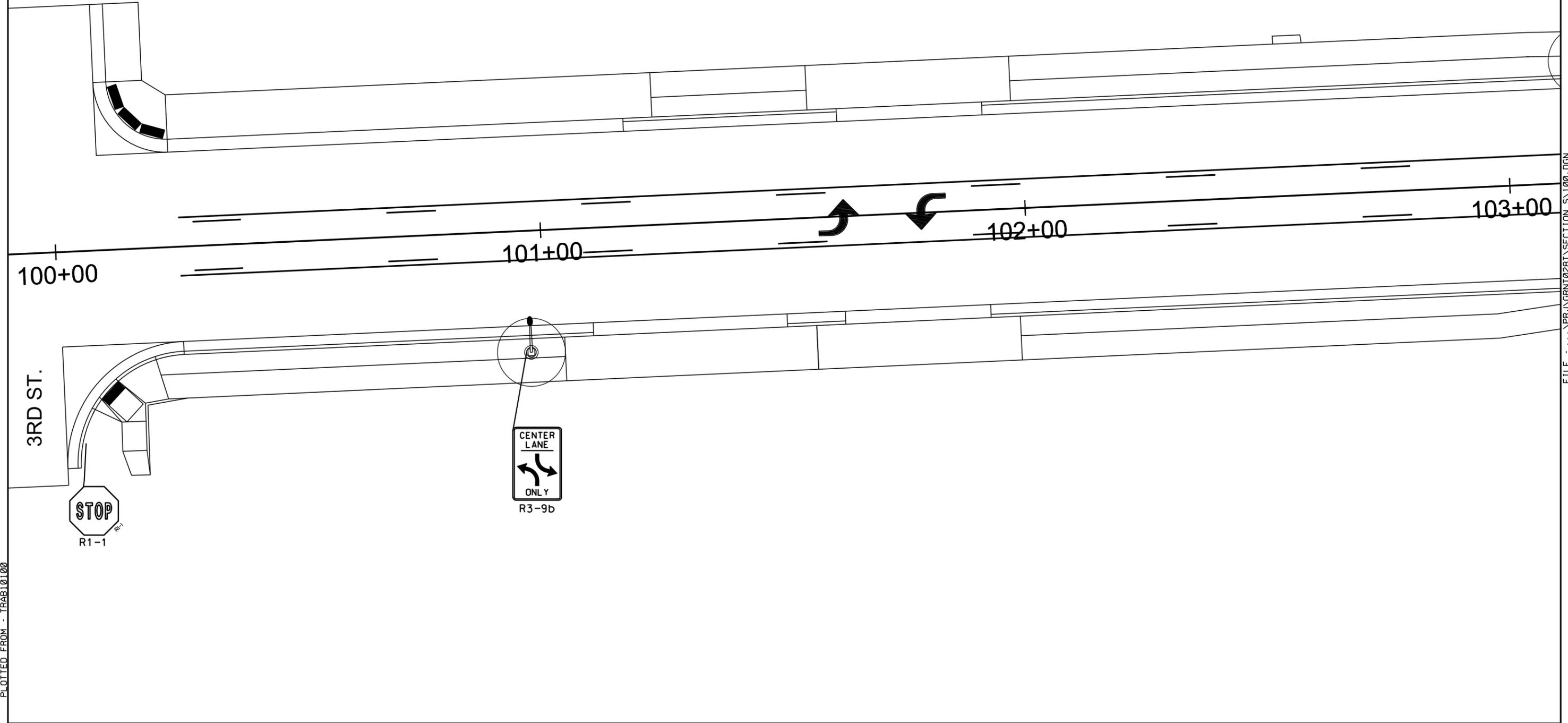
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STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
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Permanent Signing US12

PLOT SCALE - 1:20

PLOT NAME - 6



PLOTTED FROM - TRAB10100

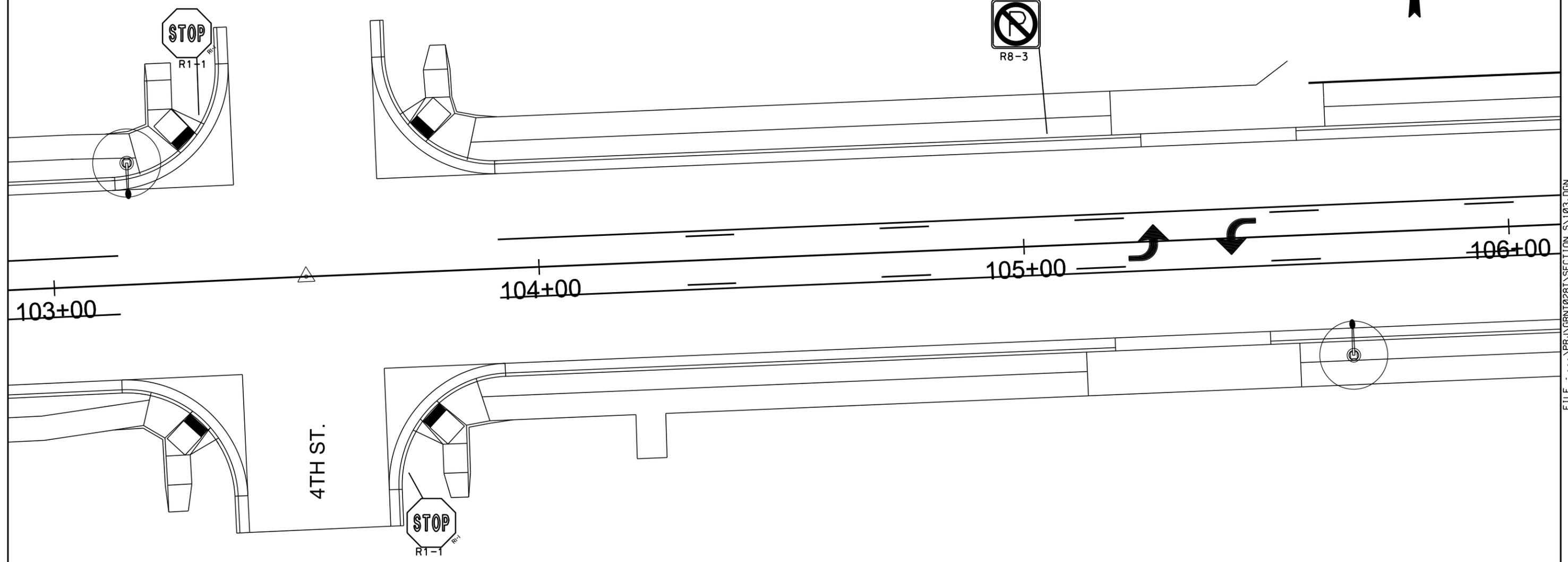
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STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0012(151)389	S14	S29
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Permanent Signing US12

PLOT SCALE - 1:20

PLOT NAME - 7



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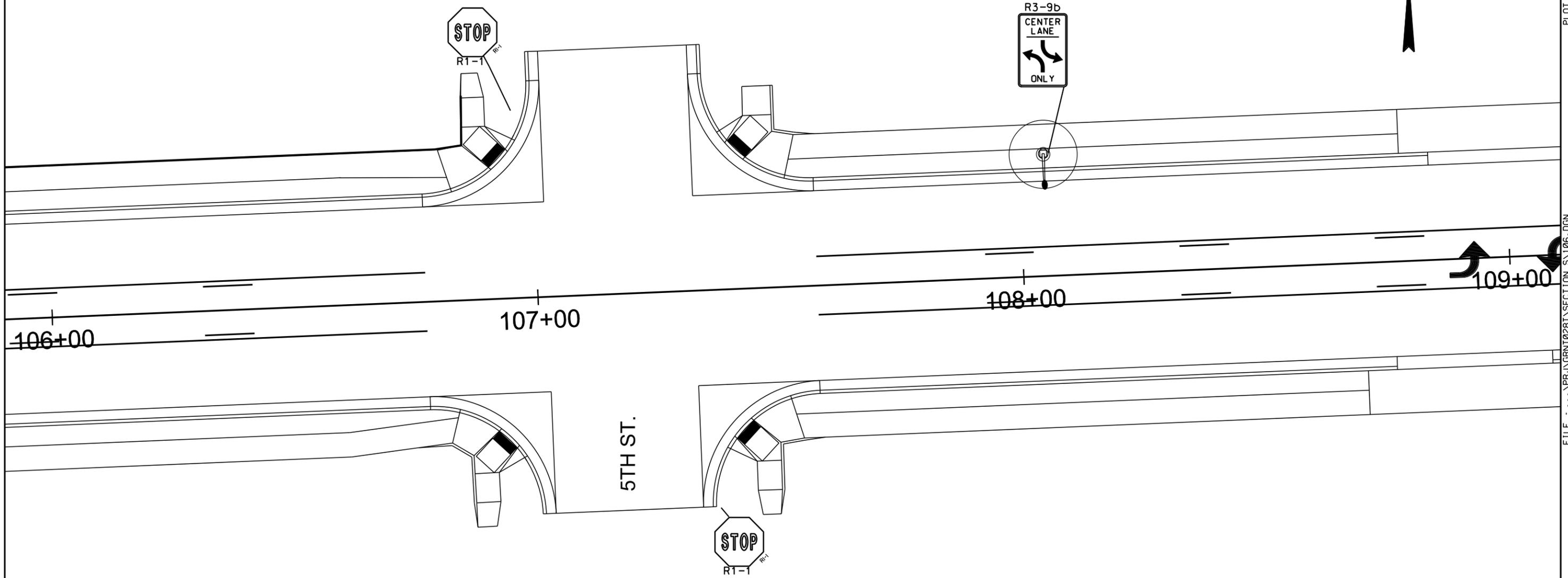
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STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
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Permanent Signing US12

PLOT SCALE - 1:20

PLOT NAME - 8



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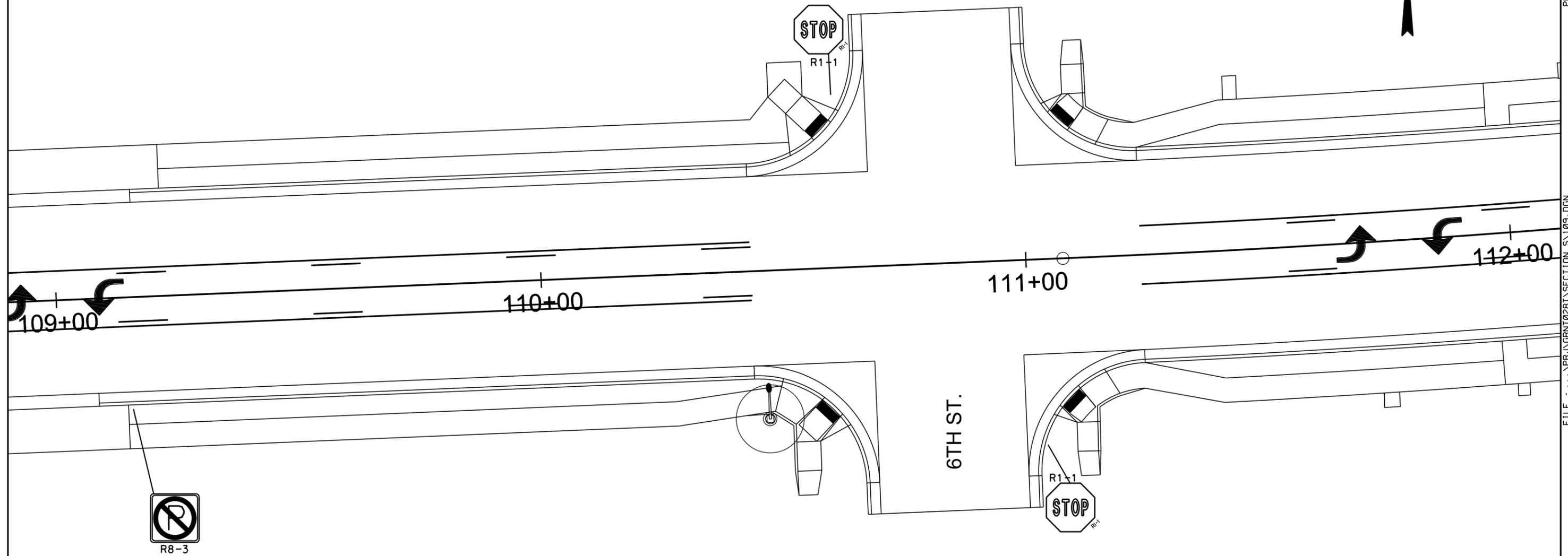
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STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0012(151)389	S16	S29
Plotting Date: 12/08/2014			

Permanent Signing US12

PLOT SCALE - 1:20

PLOT NAME - 9



PLOTTED FROM - TRAB10100

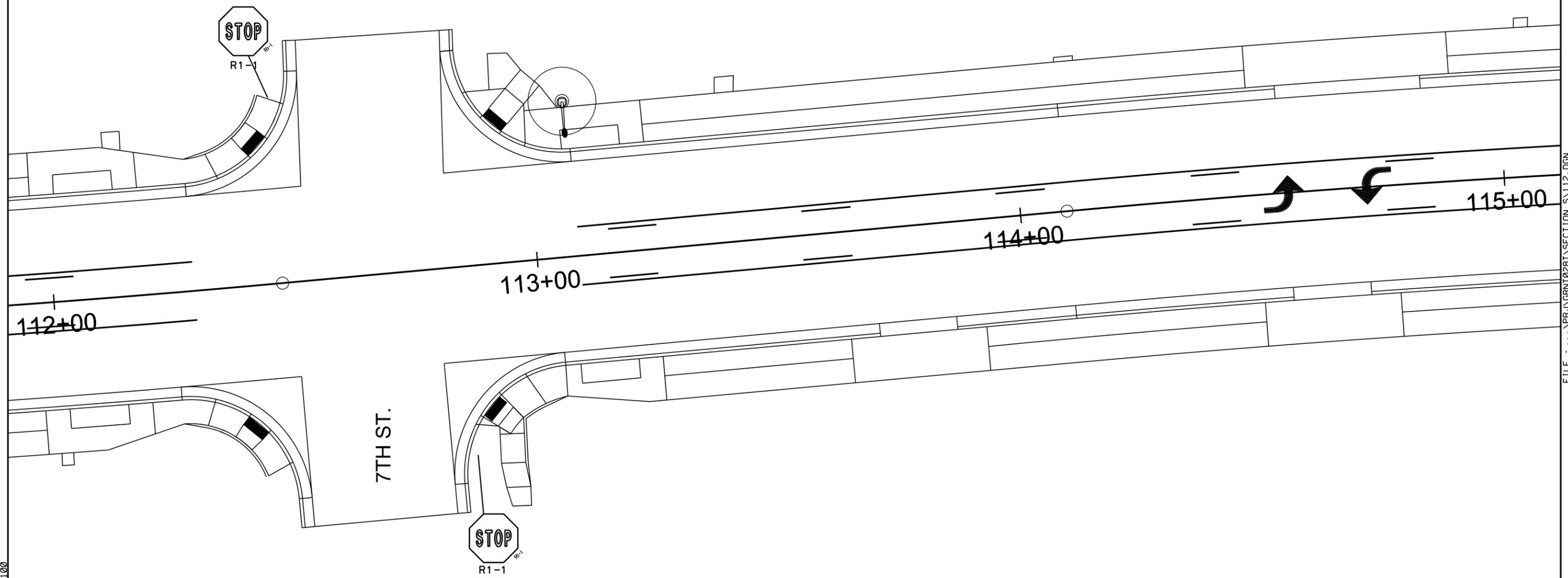
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STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
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Permanent Signing US12

PLOT SCALE - 1:20

PLOT NAME - 10



PLOTTED FROM - TRAB10100

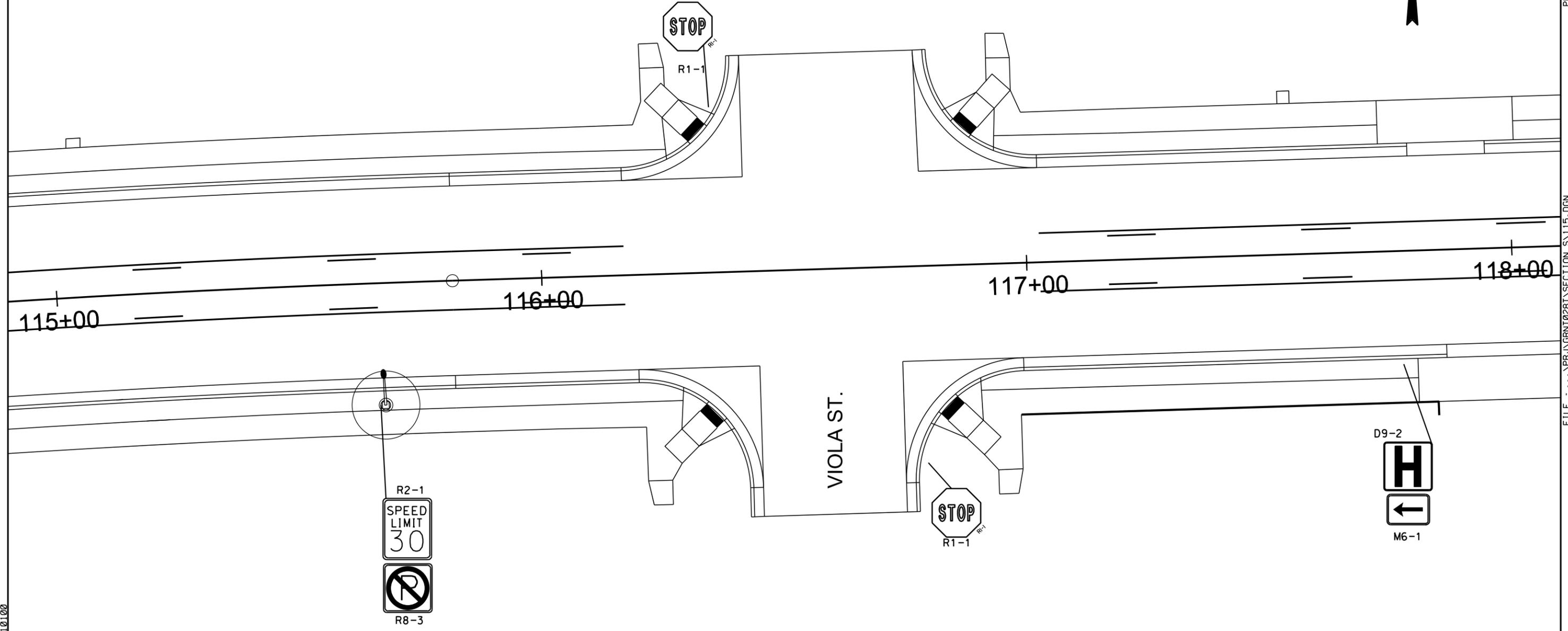
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Permanent Signing US12

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
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PLOT SCALE - 1:20

PLOT NAME - 11



PLOTTED FROM - TRAB10100

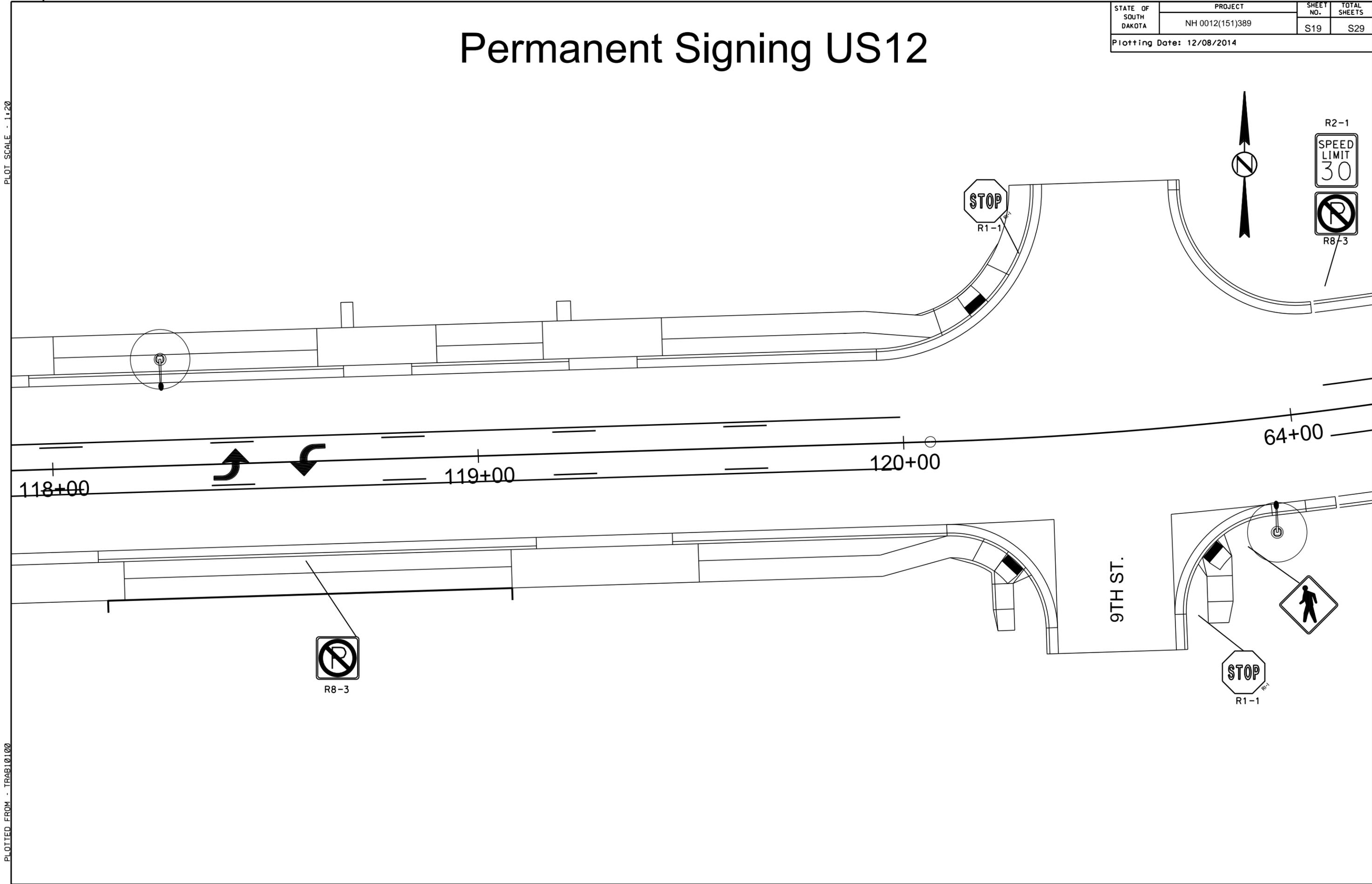
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Permanent Signing US12

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0012(151)389	S19	S29
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PLOT SCALE - 1:20

PLOT NAME - 12



PLOTTED FROM - TRAB10100

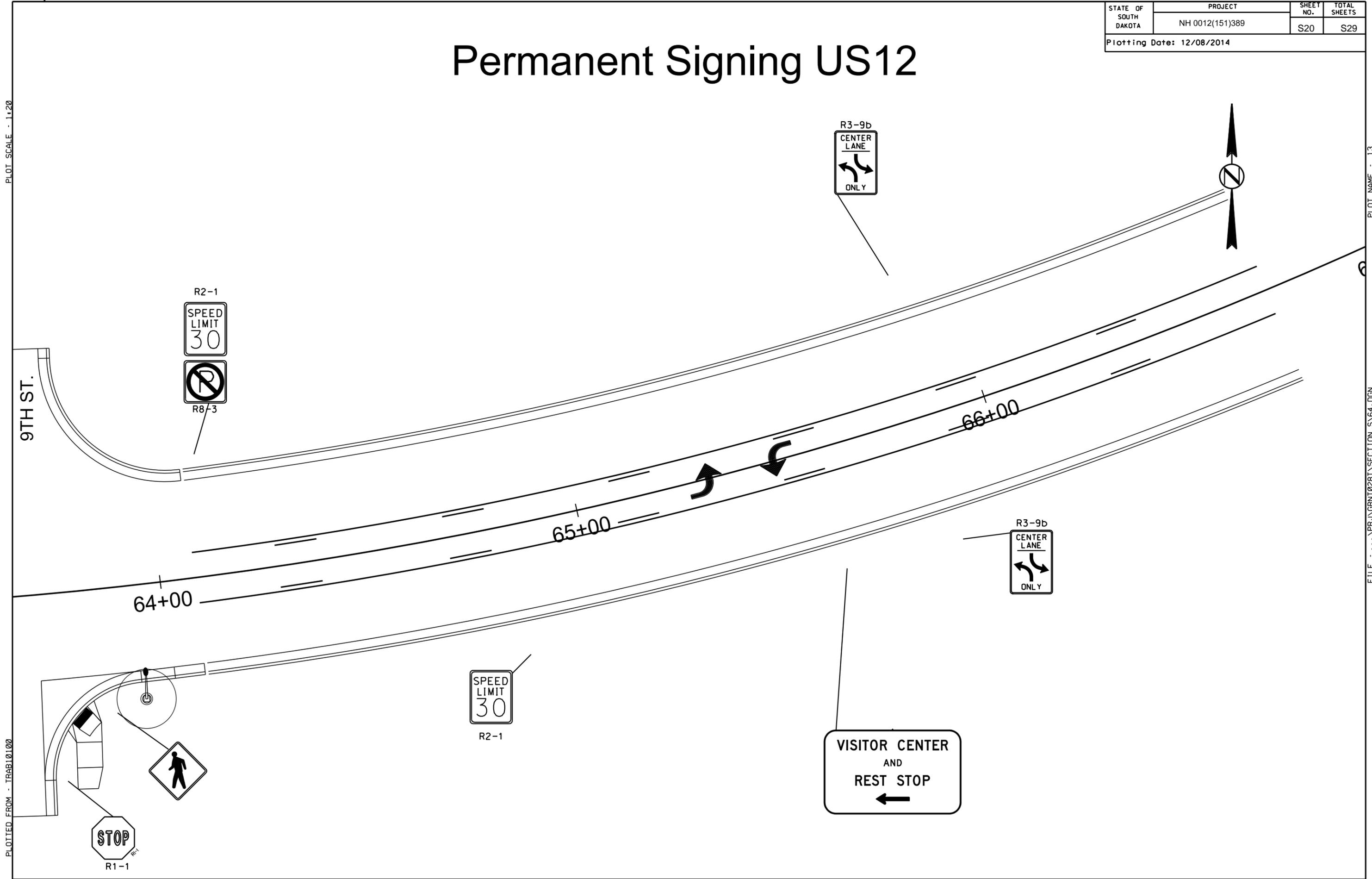
FILE - ... \PRJ\GRNT028T\SECTION S1118.DGN

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0012(151)389	S20	S29
Plotting Date: 12/08/2014			

Permanent Signing US12

PLOT SCALE - 1:20

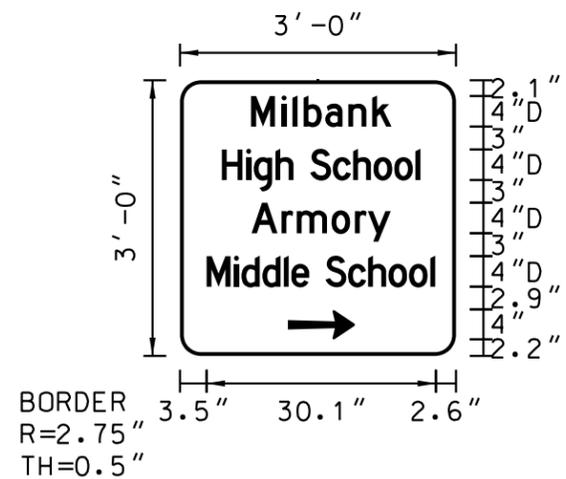
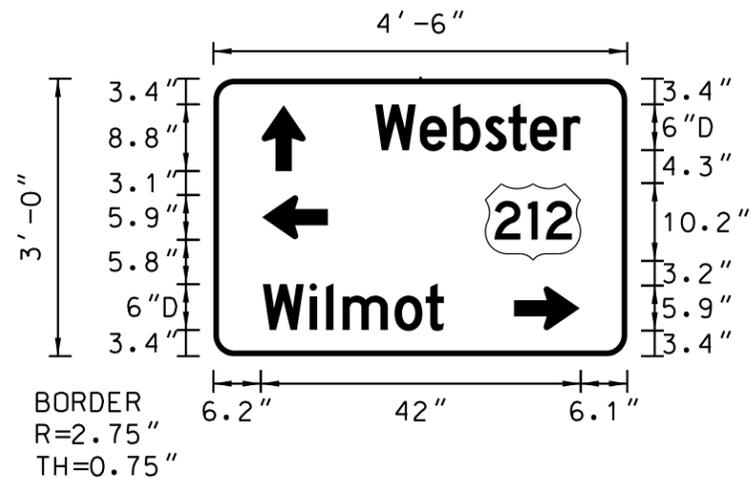
PLOT NAME - 13



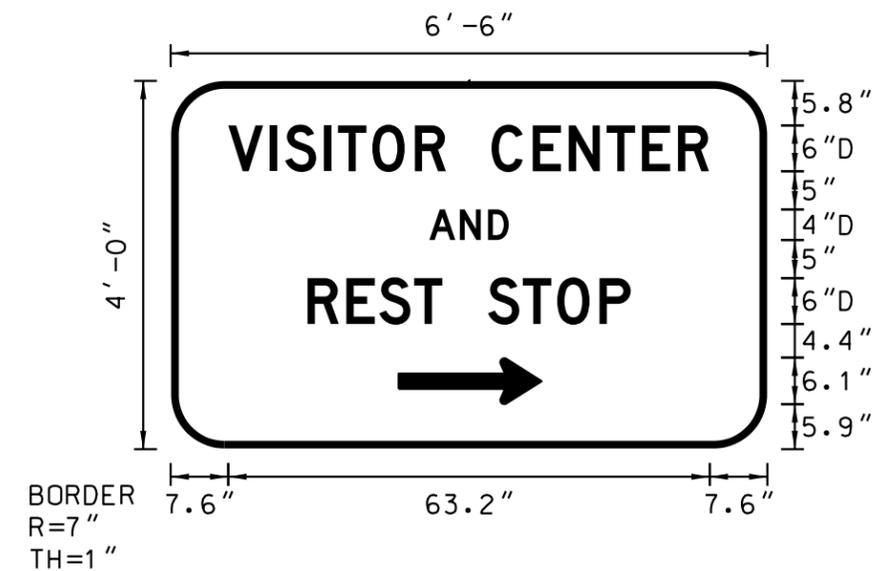
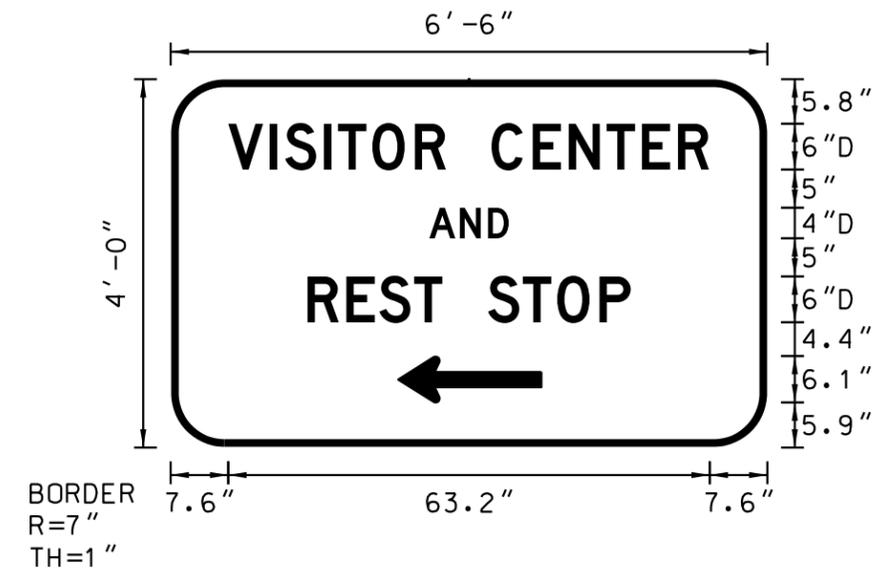
PLOTTED FROM - TRAB10100

FILE - ... \PRJ\GRNT028T\SECTION S164.DGN

SPECIAL SIGN DESIGN



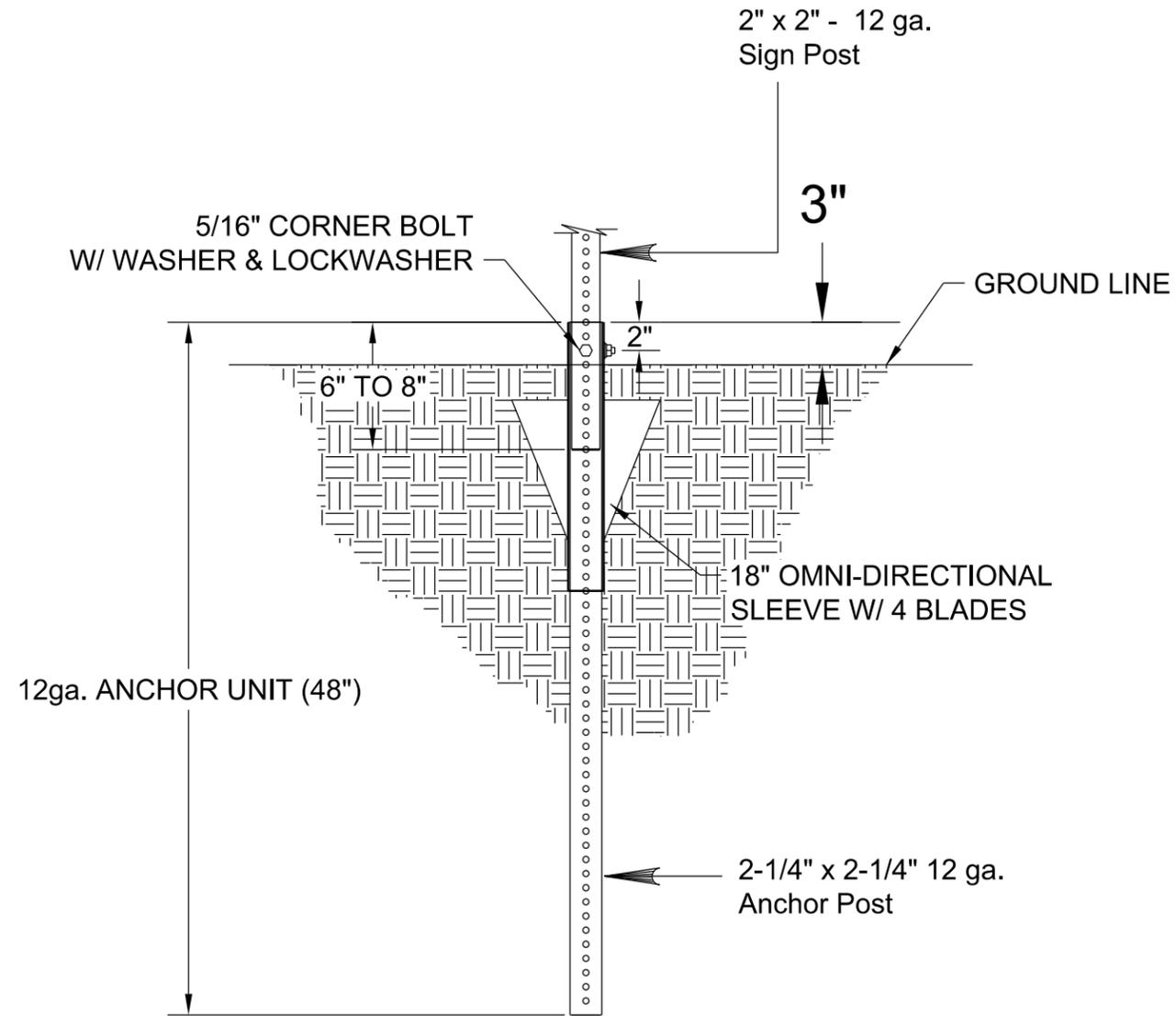
Above signs shall have a white border and legend with a green background



Above signs shall have a white border and legend with a blue background

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0012 (151) 389	S22	S29
Plotting Date: 09/02/2014			

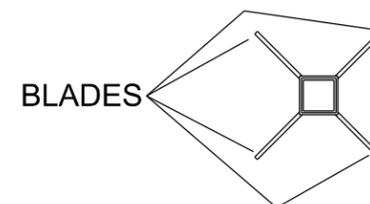
SQUARE TUBE 4 BLADE ANCHOR DETAIL



2-1/2" x 18" OMNI-ANCHOR SLEEVE
FOR SOIL STABILIZATION.

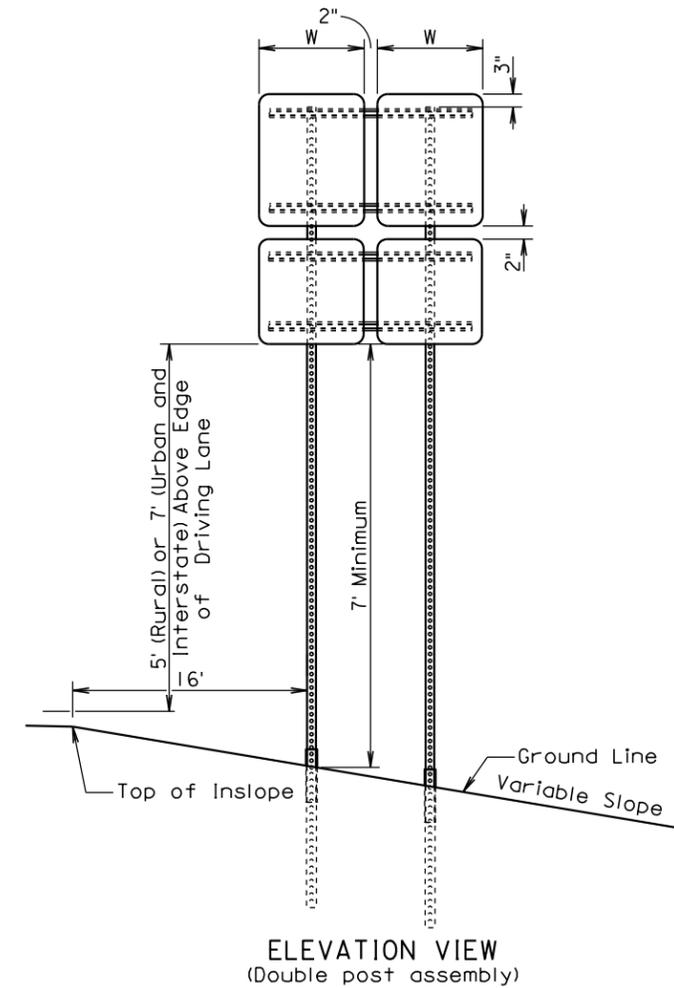
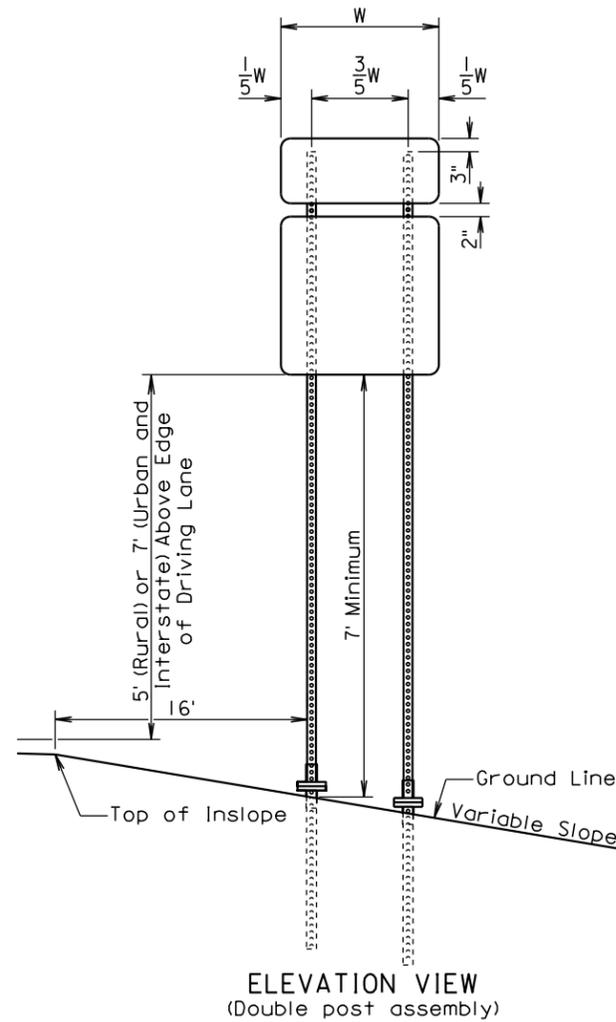
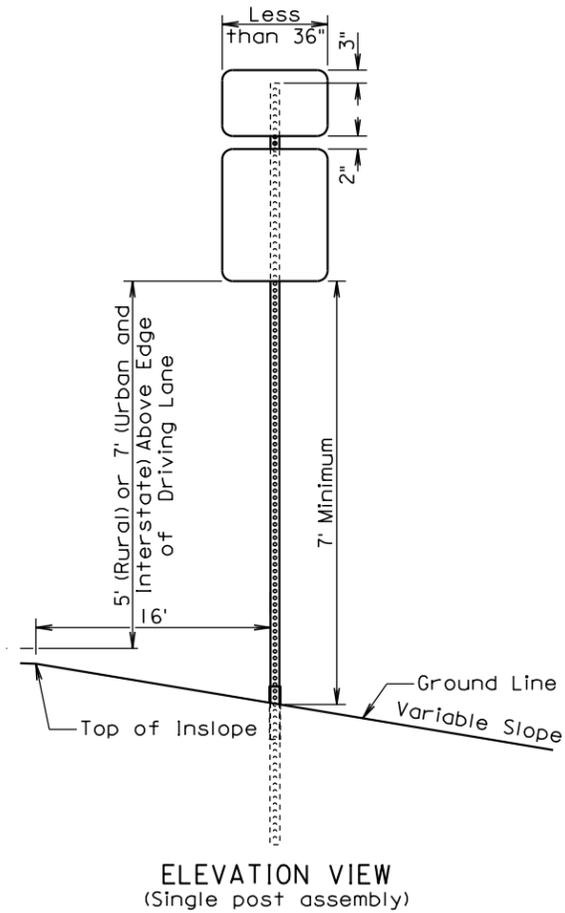
ANCHOR SLEEVE
TOP VIEW

2-1/2" x 18" 12 ga. Omni-Sleeve



STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0012 (151) 389	S23	S29
Plotting Date: 09/02/2014			

INSTALLATION DETAILS FOR MULTIPLE SIGN ASSEMBLIES

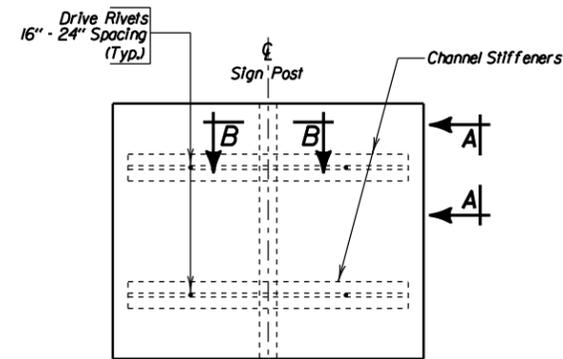


GENERAL NOTES:

The sign posts and bases shown are for illustrative purpose. The post type required shall be the type specified in the plans.

All breakaway sign supports shall comply with NCHRP 350 or MASH crash testing requirements and FHWA requirements. The Contractor shall provide post installation details at the preconstruction meeting for all breakaway sign support assemblies.

ONE POST BREAKAWAY SIGN SUPPORTS

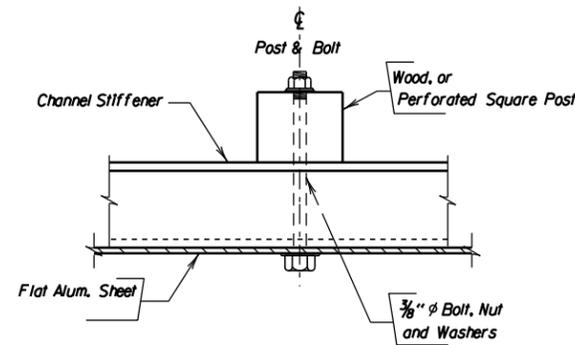
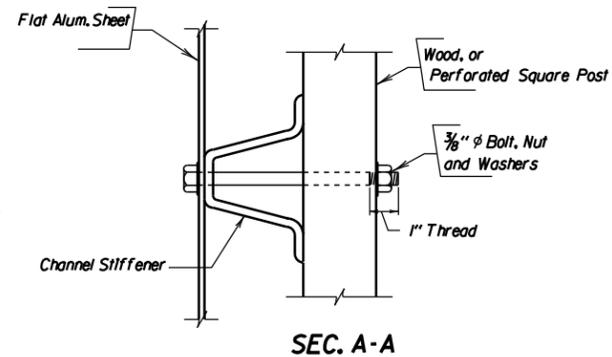
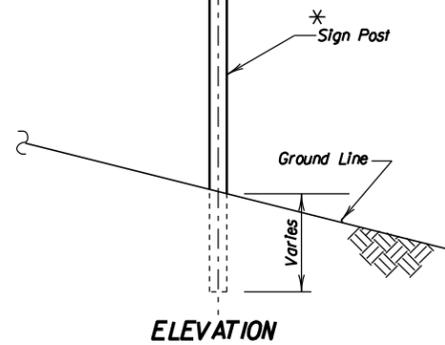


∅ A plastic washer, as recommended by the sheeting manufacturer, shall be installed between the sign face and the metal washer shown.

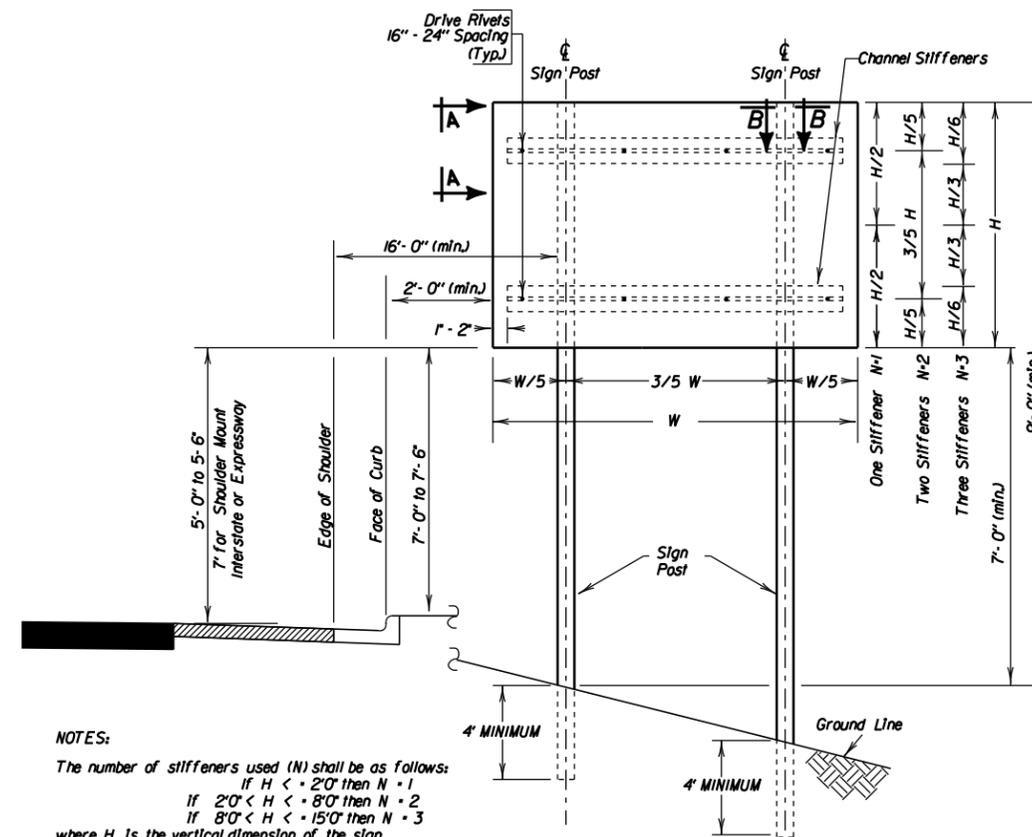
Height and lateral distance as recommended by latest edition of MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

* Single post installation shown. (See applicable Details or Standard Plates shown in these plans for multiple post spacing requirements.)

(Typical Sign and Stiffener Details)



TWO POST BREAKAWAY SIGN SUPPORTS



NOTES:

The number of stiffeners used (N) shall be as follows:

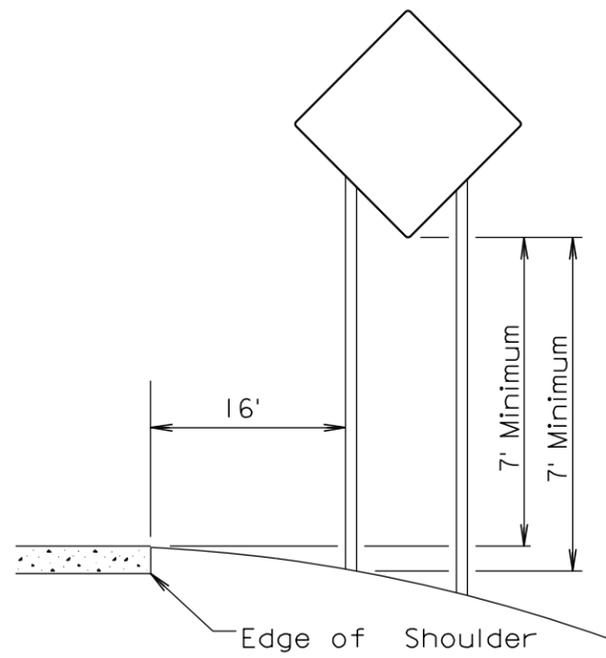
- If $H < 2'0"$ then $N = 1$
- If $2'0" < H < 8'0"$ then $N = 2$
- If $8'0" < H < 15'0"$ then $N = 3$

where H is the vertical dimension of the sign.

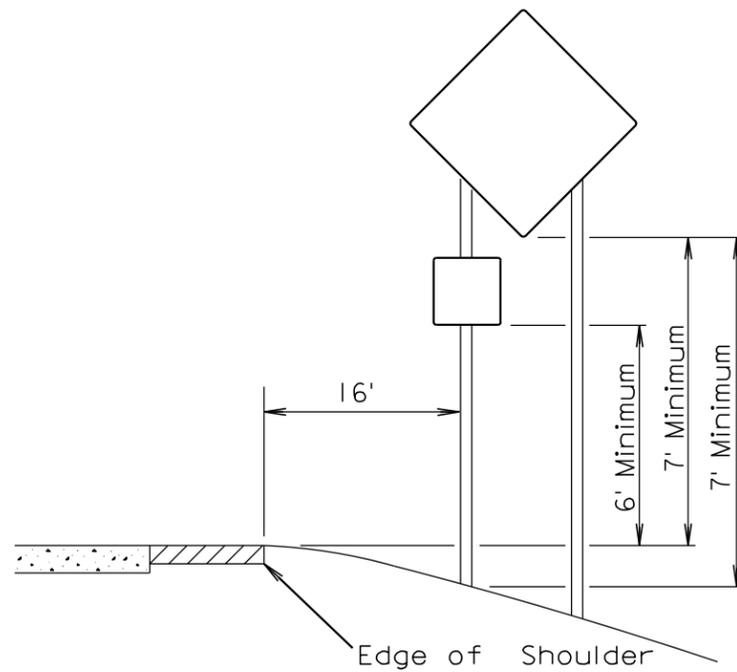
A minimum of two bolts shall be required to fasten the sign to each post.

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0012 (151) 389	S25	S29
Plotting Date: 09/02/2014			

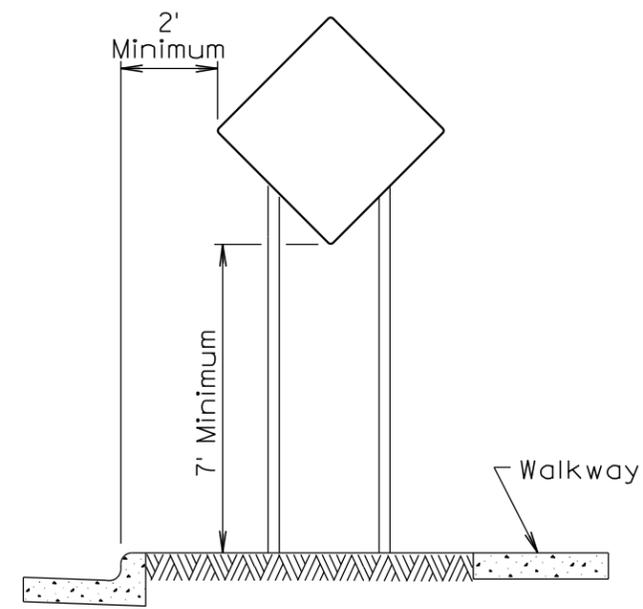
SIGN SUPPORTS (Lateral Off-Sets)



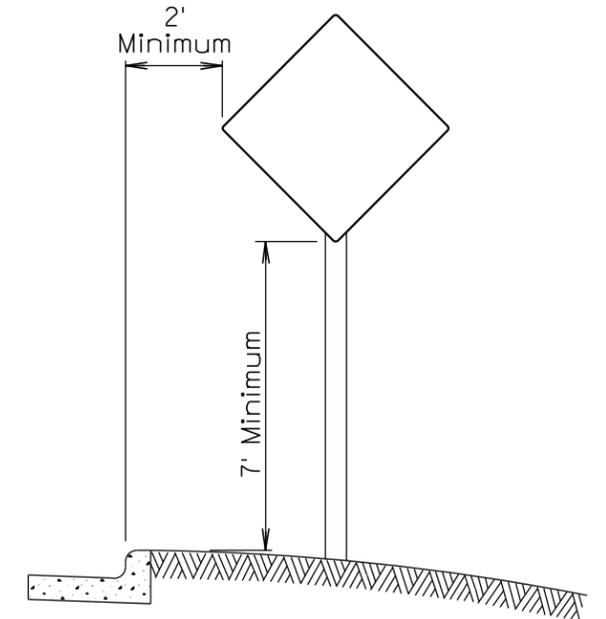
RURAL DISTRICT



RURAL DISTRICT WITH
SUPPLEMENTAL PLATE



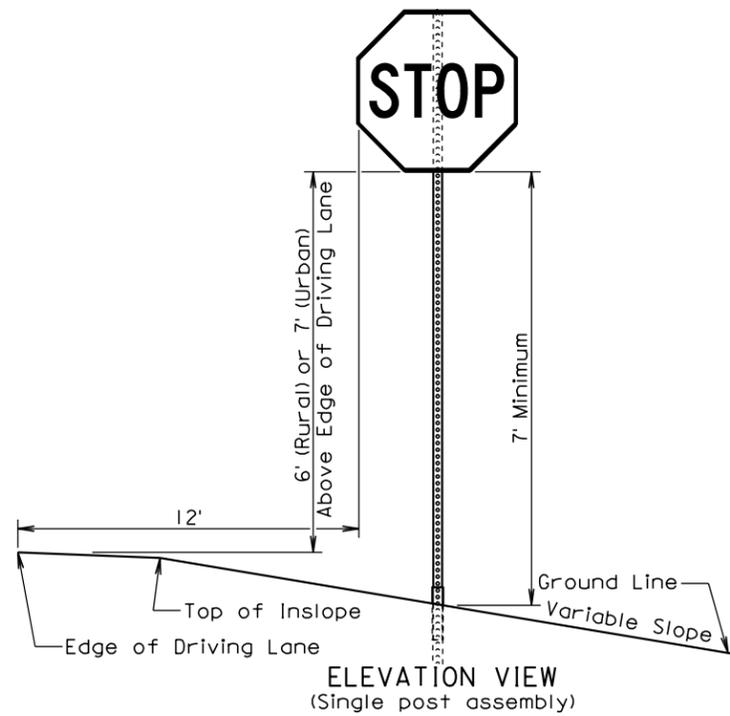
URBAN DISTRICT



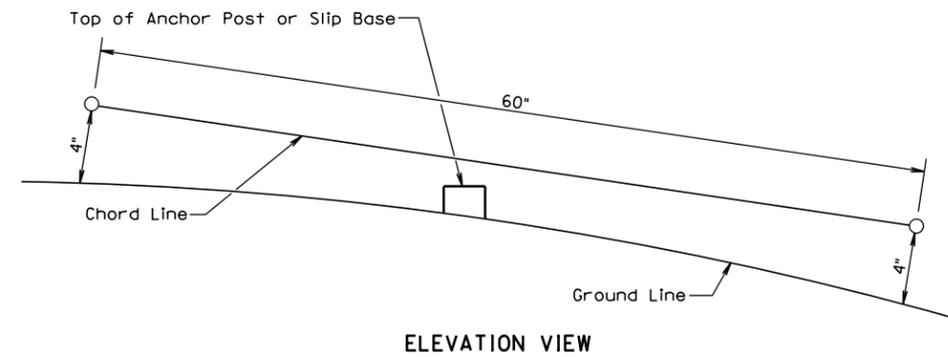
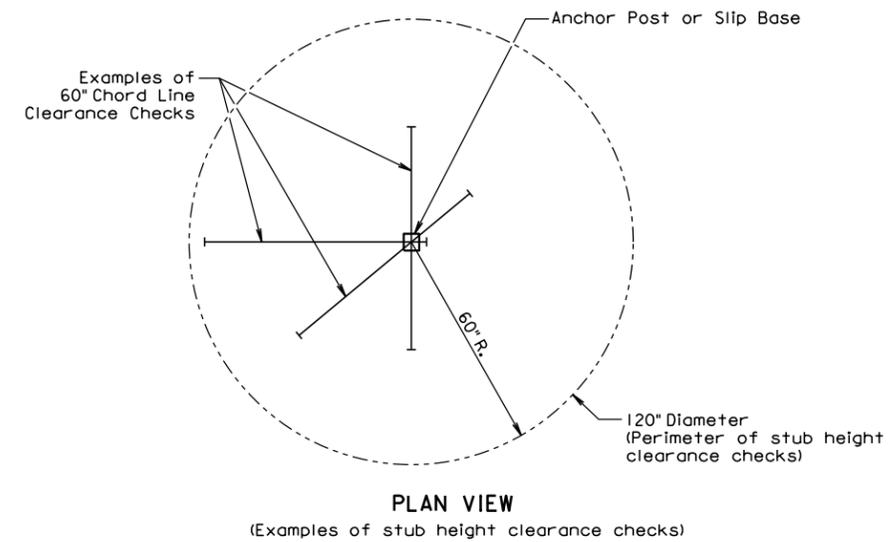
URBAN DISTRICT

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0012 (151) 389	S26	S29
Plotting Date: 09/02/2014			

INSTALLATION DETAILS FOR STOP SIGNS



BREAKAWAY SUPPORT STUB CLEARANCE



GENERAL NOTES:

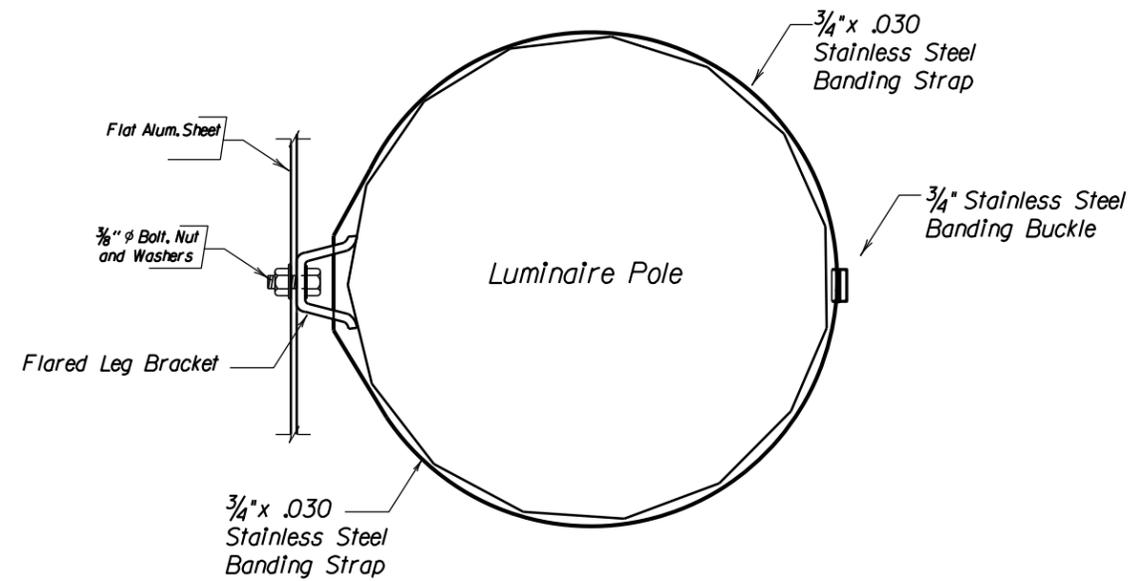
The top of anchor posts and slip bases SHALL NOT extend above a 60" chord line within a 120" diameter circle around the post with ends 4" above the ground.

At locations where there is curb and gutter adjacent to the breakaway sign support, the stub height shall be a maximum of 4" above the ground line at the localized area adjacent to the breakaway support stub.

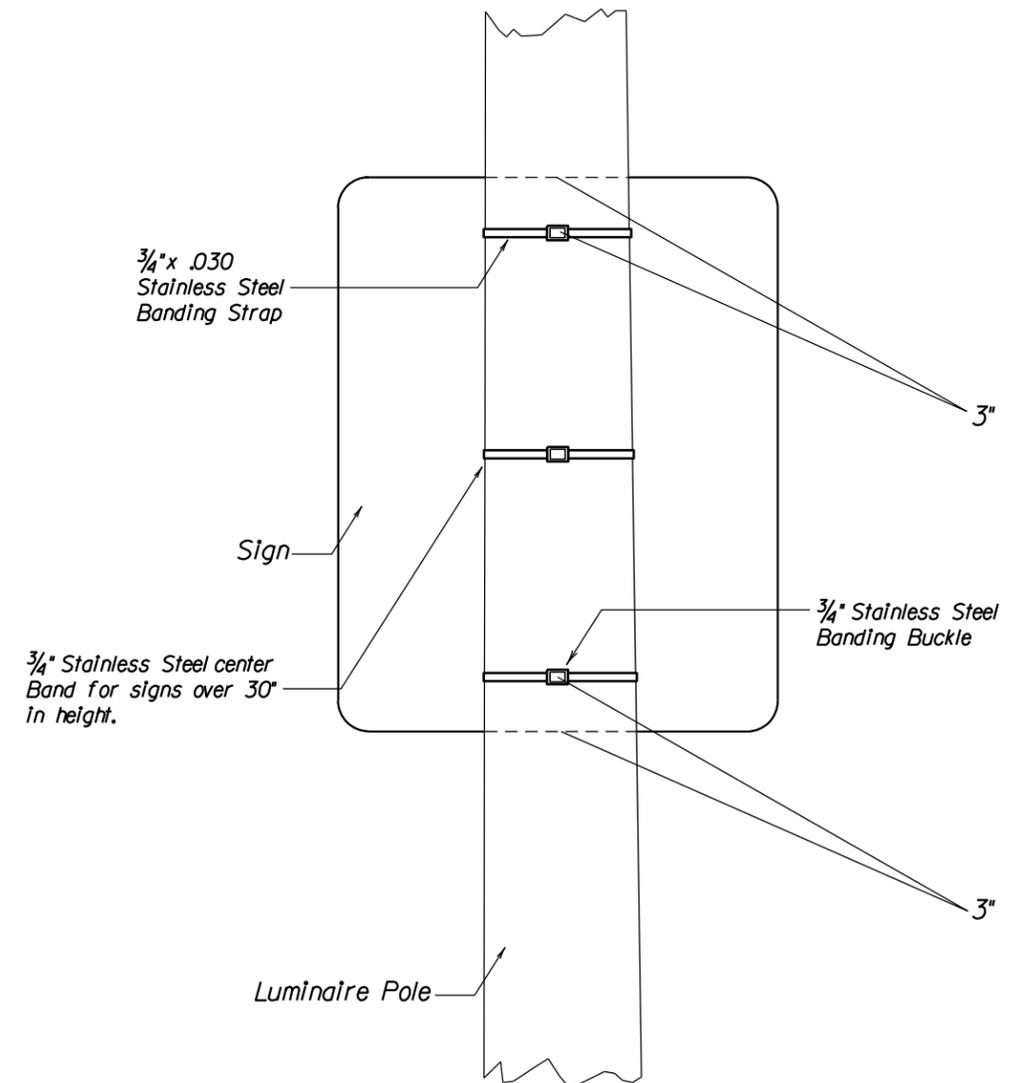
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0012 (151) 389	S27	S29
Plotting Date: 09/02/2014			

SIGN BANDING TO LUMINAIRE/SIGNAL POLE

Top View



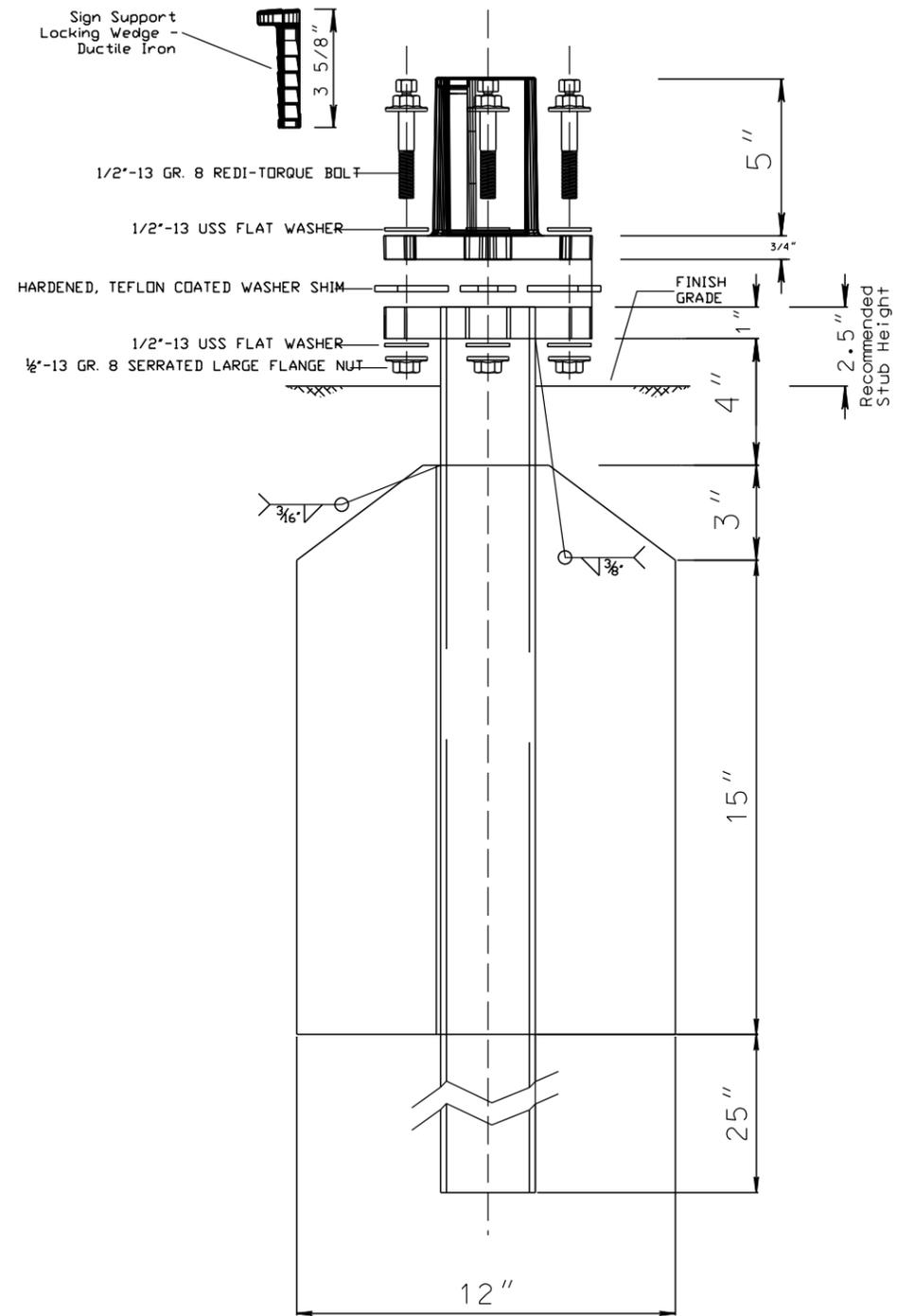
Back View



∅ A plastic washer, as recommended by the sheeting manufacture, shall be installed between the sign face and the metal washer shown.

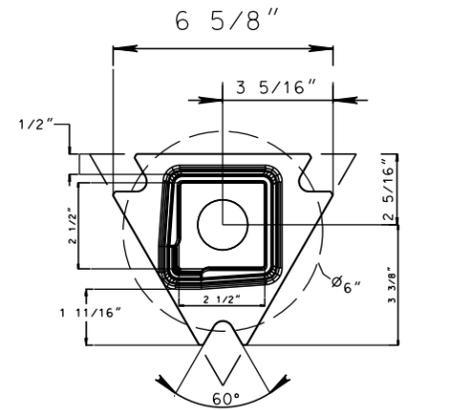
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0012 (151) 389	S28	S29
Plotting Date: 09/02/2014			

PLOT SCALE - 1:0.88



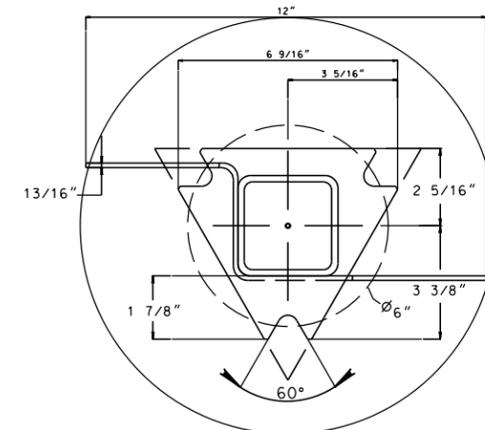
SLIP BASE

TOP POST RECEIVER
for 2-1/2" SQUARE POST

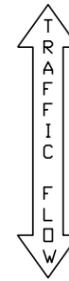


MATERIAL:
DUCTILE IRON CASTING, CLASS 65-45-12

BOTTOM UNIBASE
SOIL STUB



MATERIALS:
 Tube - 3" x 3" x 7 ga. ASTM A500 Grade B tube
 Stabilizing Wing - 7 ga. H.R.P.D. ASTM A 569
 Plate - ASTM A572 grade 50



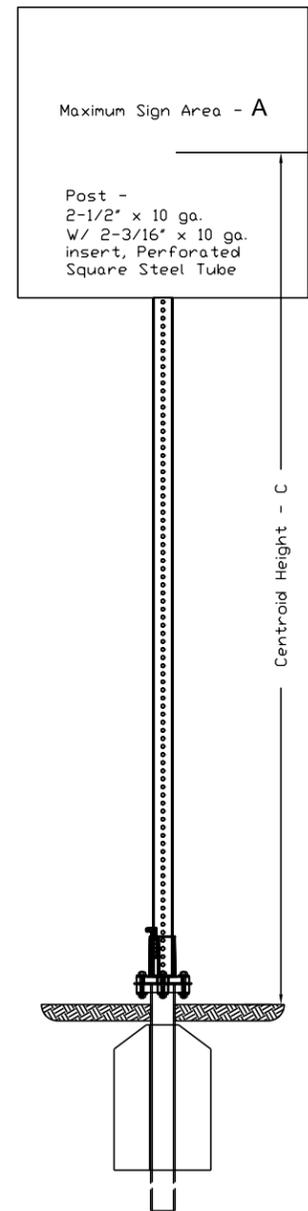
PLOTTED FROM - TRAB10100

PLOT NAME - 7

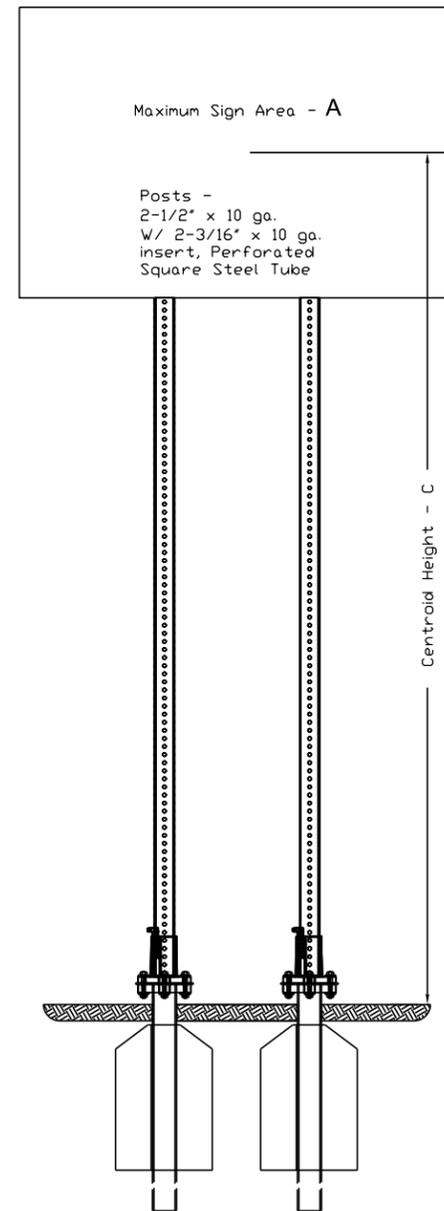
FILE - ... \WINGED ANCHOR SLIP BASE 1-09.DGN

48" WINGED SLIP BASE

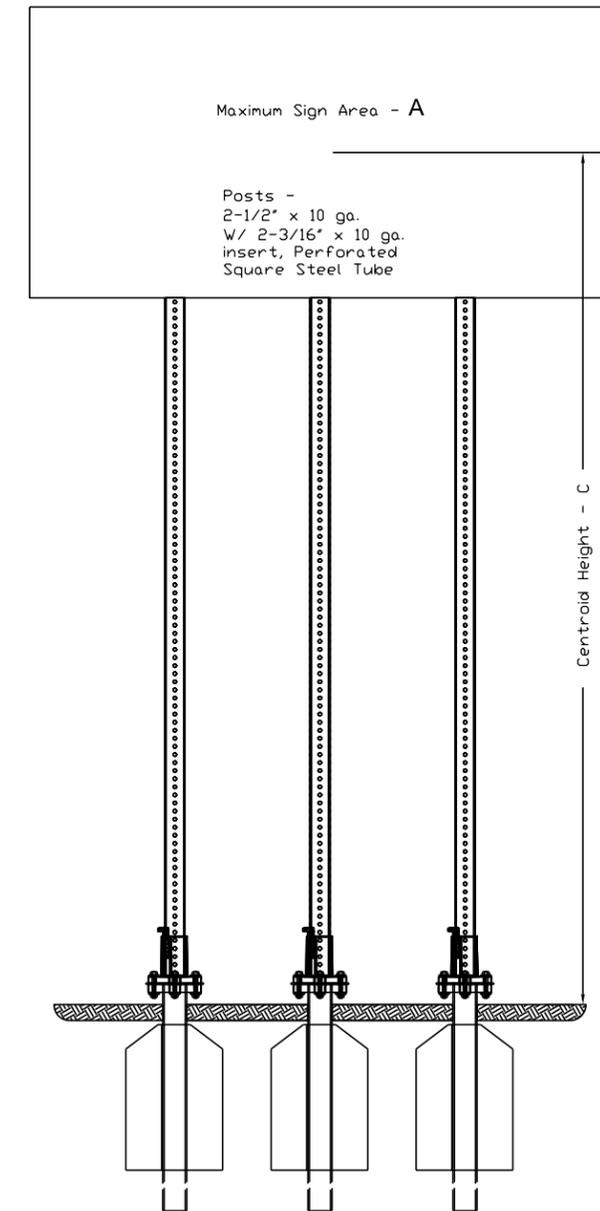
Post and Wind Load Information



centroid - C	Maximum Sign Area - A
8 ft.	42 ft ²
9 ft.	38 ft ²
10 ft.	34 ft ²
11 ft.	30 ft ²
12 ft.	28 ft ²
13 ft.	26 ft ²
14 ft.	24 ft ²
15 ft.	22 ft ²
16 ft.	20 ft ²



centroid - C	Maximum Sign Area - A
8 ft.	84 ft ²
9 ft.	76 ft ²
10 ft.	68 ft ²
11 ft.	60 ft ²
12 ft.	56 ft ²
13 ft.	52 ft ²
14 ft.	48 ft ²
15 ft.	44 ft ²
16 ft.	40 ft ²



centroid - C	Maximum Sign Area - A
8 ft.	126 ft ²
9 ft.	114 ft ²
10 ft.	102 ft ²
11 ft.	90 ft ²
12 ft.	84 ft ²
13 ft.	78 ft ²
14 ft.	72 ft ²
15 ft.	66 ft ²
16 ft.	60 ft ²