ENGINEERING CONSTRUCTION CONTRACTING SECTION
MONTANA DEPARTMENT OF TRANSPORTATION

Sign Design Calculations

SIGN DESIGN CALCS The requested files are only design files. The Department cannot guarantee the accuracy of the electronic data, particularly as it may be called up by your computer, nor does any data in these files supersede the data in the contract documents.

In addition, the Department will not make any revisions to the electronic files prior to award. Changes needed via change ordered work, or changes that are made during construction to fit field conditions, will be provided at that time. See the requirements of Subsection 619.03.2.



SIGN NUMBER	D3-1		
WIDTH x HEIGHT	36" x 12"	3" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN 0"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) — **REDUCTION:** 10% 20% 30%

	S	e	c	o	n	d		S	t		S																			LENGTH	SERIES/SIZE
3.27"	3.18"	2.7"	2.64"	3"	2.88"	2.22"	4"	1.92"	1.2"	4"	1.72"	3.27"																		29.46"	B 2000 6"/4.5",4"/3"

SHEET NO. S1

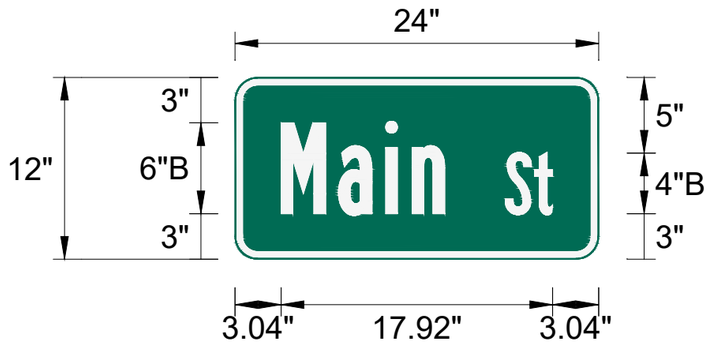
SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

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SIGN NUMBER	D3-1	
WIDTH x HEIGHT	24" x 12"	2" Sq.Ft.
BORDER WIDTH	0.5"	MARGIN 0"
CORNER RADIUS	1.5"	ALUMINUM TYPE
MOUNTING	Ground	SHEET
BACKGROUND	TYPE: Reflective	
	COLOR: Green	
LEGEND/BORDER	TYPE: Reflective	
	COLOR: White/White	

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) **REDUCTION:** 10% 20% 30% LENGTH SERIES/SIZE

	M	a	i	n		S	t																								B 2000
3.04"	3.78"	3.12"	1.74"	2.16"	4"	1.92"	1.2"	3.04"																						17.92"	6"/4.5",4"/3"

SHEET NO. S2

SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY		PROJECT NAME	GARDINER - NORTH
S. MORANO/S. WATSON	05/2026	COUNTY	PARK
REVIEWED BY			
T. MURFITT	07/2026	PROJECT ID	NH 11-1(105)0
CHECKED BY		UPN	10559000
N. STYREN	06/2026		

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SIGN NUMBER	D3-1		
WIDTH x HEIGHT	30" x 12"	2.5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN 0"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) REDUCTION: 10% 20% 30%

	S	c	o	t	t		S	t		W																			LENGTH	SERIES/SIZE
2.19"	3.18"	2.64"	2.52"	1.8"	1.8"	4"	1.92"	1.2"	4"	2.56"	2.19"																		25.62"	B 2000 6"/4.5",4"/3"

SHEET NO. S3

SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

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SIGN NUMBER	D3-1		
WIDTH x HEIGHT	30" x 12"	2.5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN 0"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) REDUCTION: 10% 20% 30%

	S	t	o	n	e		S	t																						LENGTH	SERIES/SIZE
4.9"	2.88"	2.1"	3"	2.88"	2.22"	4"	1.92"	1.2"	4.9"																					20.2"	B 2000 6"/4.5",4"/3"

SHEET NO. S4

SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

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SIGN NUMBER	D3-1		
WIDTH x HEIGHT	36" x 12"	3" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN 0"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) — **REDUCTION:** 10% 20% 30% — LENGTH — SERIES/SIZE

	F	o	u	r	t	h		S	t		N																				LENGTH	SERIES/SIZE
4.11"	2.76"	2.94"	3.12"	1.68"	2.28"	2.16"	4"	1.92"	1.2"	4"	1.72"	4.11"																			27.78"	B 2000 6"/4.5",4"/3"

MONTANA
Department of Transportation

SIGNING PLANS

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DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

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SHEET NO. S5

SIGN DESIGN CALCULATIONS



SIGN NUMBER	D3-1		
WIDTH x HEIGHT	30" x 12"	2.5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN 0"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) REDUCTION: 10% 20% 30%

	T	h	i	r	d		S	t		N																				LENGTH	SERIES/SIZE
2.61"	2.94"	3.06"	1.74"	1.98"	2.22"	4"	1.92"	1.2"	4"	1.72"	2.61"																			24.78"	B 2000 6"/4.5",4"/3"

SHEET NO. S6

SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY		PROJECT NAME	GARDINER - NORTH
S. MORANO/S. WATSON	05/2026	COUNTY	PARK
REVIEWED BY			
T. MURFITT	07/2026	PROJECT ID	NH 11-1(105)0
CHECKED BY			
N. STYREN	06/2026	UPN	10559000

8/4/2026 12:02 PM 10559000SISDC001.DWG



SIGN NUMBER	D3-1		
WIDTH x HEIGHT	36" x 12"	3" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN 0"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) REDUCTION: 10% 20% 30%

	S	e	c	o	n	d		S	t		N																			LENGTH	SERIES/SIZE
3.27"	3.18"	2.7"	2.64"	3"	2.88"	2.22"	4"	1.92"	1.2"	4"	1.72"	3.27"																		29.46"	B 2000 6"/4.5",4"/3"

SHEET NO. S7

SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

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SIGN NUMBER	D3-1		
WIDTH x HEIGHT	30" x 12"	2.5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN 0"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) REDUCTION: 10% 20% 30%

	F	i	r	s	t		S	t		N																				LENGTH	SERIES/SIZE
3.39"	2.94"	1.74"	1.86"	2.04"	1.8"	4"	1.92"	1.2"	4"	1.72"	3.39"																			23.22"	B 2000 6"/4.5",4"/3"

SHEET NO. S8

SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

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SIGN NUMBER	D3-1		
WIDTH x HEIGHT	42" x 12"	3.5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN 0"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) — REDUCTION: 10% 20% 30%

	Y	e	l	l	o	w	s	t	o	n	e		S	t																LENGTH	SERIES/SIZE
3.22"	3.72"	2.88"	1.74"	1.56"	2.64"	3.66"	2.04"	2.1"	3"	2.88"	2.22"	4"	1.92"	1.2"	3.22"															35.56"	B 2000 6"/4.5",4"/3"

PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

DESIGNED BY		REVIEWED BY		CHECKED BY	
S. MORANO/S. WATSON	05/2026	T. MURFITT	07/2026	N. STYREN	06/2026

MONTANA Department of Transportation

SIGNING PLANS

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SHEET NO. S9

SIGN DESIGN CALCULATIONS



SIGN NUMBER	D3-1		
WIDTH x HEIGHT	36" x 12"	3" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN 0"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) — **REDUCTION:** 10% 20% 30% — LENGTH — SERIES/SIZE

	T	r	a	v	e	r	t	i	n	e		S	t																		LENGTH	SERIES/SIZE
2.32"	2.94"	1.86"	2.76"	3"	2.88"	1.68"	2.28"	1.74"	2.88"	2.22"	4"	1.92"	1.2"	2.32"																	31.36"	B 2000
																																6"/4.5",4"/3"

SHEET NO. S10

SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

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SIGN NUMBER	D3-1	
WIDTH x HEIGHT	42" x 12"	3.5" Sq.Ft.
BORDER WIDTH	0.5"	MARGIN 0"
CORNER RADIUS	1.5"	ALUMINUM TYPE
MOUNTING	Ground	SHEET
BACKGROUND	TYPE: Reflective	
	COLOR: Green	
LEGEND/BORDER	TYPE: Reflective	
	COLOR: White/White	

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) — **REDUCTION:** 10% 20% 30% — LENGTH — SERIES/SIZE

	H	e	l	l	r	o	a	r	i	n	g		S	t																		LENGTH	SERIES/SIZE
4.09"	3.54"	2.88"	1.74"	1.74"	1.98"	2.7"	3.12"	2.16"	1.74"	2.88"	2.22"	4"	1.92"	1.2"	4.09"																	33.82"	B 2000 6"/4.5",4"/3"

Dimensions are in inches hundredths

SHEET NO. S11

SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

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SIGN NUMBER	N6-2		
WIDTH x HEIGHT	48" x 18"	6" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN 0"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) — REDUCTION: 10% 20% 30%

																															LENGTH	SERIES/SIZE
	Y	e	l	l	o	w	s	t	o	n	e																				
4.88"	4.64"	3.88"	2.4"	2.04"	3.52"	4.8"	3.48"	3"	3.96"	3.88"	2.64"	4.88"																			38.24"	EM 2000 4"/3"
	R	i	v	e	r																											
15.98"	4.32"	1.96"	3.88"	3.88"	2"	15.98"																									16.04"	EM 2000 4"/3"

MONTANA
Department of Transportation

SIGNING PLANS

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DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

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SHEET NO. S12

SIGN DESIGN CALCULATIONS



SIGN NUMBER	N6-1		
WIDTH x HEIGHT	42" x 18"	5.25" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN 0"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) — **REDUCTION:** 10% 20% 30% — LENGTH — SERIES/SIZE

	G	a	r	d	i	n	e	r																								LENGTH	SERIES/SIZE
5.82"	4.98"	4.56"	2.76"	4.8"	2.16"	4.44"	4.38"	2.28"	5.82"																							30.36"	D 2000 6"/4.5"

SHEET NO. S13

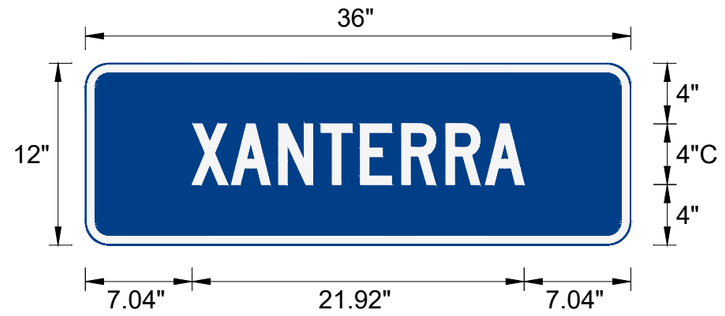
SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

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SIGN NUMBER	N7-2P	
WIDTH x HEIGHT	36" x 12"	3" Sq.Ft.
BORDER WIDTH	0.5"	MARGIN 0.06"
CORNER RADIUS	1.5"	ALUMINUM TYPE
MOUNTING	Ground	SHEET
BACKGROUND	TYPE: Reflective	
	COLOR: Blue	
LEGEND/BORDER	TYPE: Reflective	
	COLOR: White/White	

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Regulatory - Blue.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) REDUCTION: 10% 20% 30% LENGTH SERIES/SIZE

	X	A	N	T	E	R	R	A																							
7.04"	2.6"	3.12"	2.8"	2.6"	2.72"	2.92"	2.6"	2.56"	7.04"																					21.92"	C 2000 4"

MONTANA
Department of Transportation

SIGNING PLANS

8/4/2026 12:02 PM

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

10559000SISDC001.DWG

SHEET NO. S14

SIGN DESIGN CALCULATIONS



SIGN NUMBER	D3-1		
WIDTH x HEIGHT	30" x 12"	2.5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN 0"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) — **REDUCTION:** 10% 20% 30% — LENGTH — SERIES/SIZE

	A	i	r	p	o	r	t		R	d																					LENGTH	SERIES/SIZE
2.65"	3.9"	1.74"	2.16"	2.82"	3"	1.68"	1.8"	4"	2.12"	1.48"	2.65"																				24.7"	B 2000 6"/4.5",4"/3"

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

MONTANA Department of Transportation

SIGNING PLANS

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SHEET NO. S15

SIGN DESIGN CALCULATIONS



SIGN NUMBER	N7-2P	
WIDTH x HEIGHT	36" x 18"	4.5" Sq.Ft.
BORDER WIDTH	0.63"	MARGIN 0.06"
CORNER RADIUS	1.13"	ALUMINUM TYPE
MOUNTING	Ground	SHEET
BACKGROUND	TYPE: Reflective	
	COLOR: Blue	
LEGEND/BORDER	TYPE: Reflective	
	COLOR: White/White	

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Regulatory - Blue.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) — **REDUCTION:** 10% 20% 30%

																															LENGTH	SERIES/SIZE
	B	E	A	R		C	R	E	E	K																					C 2000,B 2000
5.2"	2.92"	2.4"	3.12"	2.24"	4"	2.48"	2.36"	2.16"	2.16"	1.76"	5.2"																			25.6"	4"
	C	O	U	N	C	I	L																								B 2000
10.28"	2.36"	2.6"	2.6"	2.48"	2.48"	1.4"	1.52"	10.28"																						15.44"	4"

MONTANA
Department of Transportation

SIGNING PLANS

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DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

10559000SISDC001.DWG

SHEET NO. S16

SIGN DESIGN CALCULATIONS



SIGN NUMBER	N7-2P	
WIDTH x HEIGHT	36" x 12"	3" Sq.Ft.
BORDER WIDTH	0.5"	MARGIN 0.06"
CORNER RADIUS	1.5"	ALUMINUM TYPE
MOUNTING	Ground	SHEET
BACKGROUND	TYPE: Reflective	
	COLOR: Blue	
LEGEND/BORDER	TYPE: Reflective	
	COLOR: White/White	

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Regulatory - Blue.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) REDUCTION: 10% 20% 30%

																															LENGTH	SERIES/SIZE
	Y	E	L	L	O	W	S	T	O	N	E		P	K																	C 2000
3.03"	2.34"	2.04"	1.95"	1.89"	2.13"	2.55"	1.95"	1.89"	2.37"	2.34"	1.53"	3"	2.28"	1.68"	3.03"															29.94"	3"
	S	E	R	V	·		S	T	A	T	I	O	N	S																	C 2000
4.88"	2.19"	2.04"	1.95"	2.07"	0.48"	3"	1.95"	1.71"	2.1"	1.95"	1.02"	2.37"	2.19"	1.68"	4.42"															26.7"	3"

SHEET NO. S17

SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

8/4/2026 12:02 PM 10559000SISDC001.DWG



Panel Style: guide_con_destination_1-line.ssi

Dimensions are in: inches hundredths

SIGN NUMBER	G11-1a
WIDTH x HEIGHT	108" x 24" — 18" Sq.Ft.
BORDER WIDTH	1" — MARGIN 0"
CORNER RADIUS	3" — ALUMINUM TYPE
MOUNTING	Ground — INCREMENT
BACKGROUND	TYPE: Reflective
	COLOR: Red
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

REDUCTION: 10% 20% 30%

	L	i	v	i	n	g	s	t	o	n		5	2																		LENGTH	SERIES/SIZE
7.44"	7.68"	3.92"	8.48"	4.8"	7.76"	7.6"	6.96"	6"	7.92"	5.28"	12"	8.24"	6.48"	7.44"																	93.12"	EM 2000 8"/6"

SHEET NO. S18

SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

8/4/2026 12:02 PM 10559000SISDC001.DWG



SIGN NUMBER	D3-1		
WIDTH x HEIGHT	36" x 12"	3" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN 0"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) REDUCTION: 10% 20% 30% LENGTH SERIES/SIZE

	R	i	v	e	r	v	i	e	w		D	r																		B 2000
2.78"	3.36"	1.38"	3"	2.88"	1.8"	3.18"	1.56"	2.52"	3.36"	4"	2.36"	1.04"	2.78"																30.44"	6"/4.5",4"/3"

SHEET NO. S19

SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

DESIGNED BY	05/2026
S. MORANO/S. WATSON	
REVIEWED BY	07/2026
T. MURFITT	
CHECKED BY	06/2026
N. STYREN	

8/4/2026 12:02 PM 10559000SISDC001.DWG



SIGN NUMBER	D3-1	
WIDTH x HEIGHT	30" x 12"	2.5" Sq.Ft.
BORDER WIDTH	0.5"	MARGIN 0"
CORNER RADIUS	1.5"	ALUMINUM TYPE
MOUNTING	Ground	SHEET
BACKGROUND	TYPE: Reflective	
	COLOR: Green	
LEGEND/BORDER	TYPE: Reflective	
	COLOR: White/White	

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) — **REDUCTION:** 10% 20% 30% — LENGTH — SERIES/SIZE

	P	a	p	e	s	h		R	d																						LENGTH	SERIES/SIZE
3.13"	2.94"	3.12"	2.82"	2.58"	2.52"	2.16"	4"	2.12"	1.48"	3.13"																					23.74"	B 2000 6"/4.5",4"/3"

SHEET NO. S20

SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

8/4/2026 12:02 PM 10559000SISDC001.DWG



SIGN NUMBER	D3-1		
WIDTH x HEIGHT	42" x 12"	3.5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN 0"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) — **REDUCTION:** 10% ☐ 20% ☐ 30% ☒ — LENGTH — SERIES/SIZE

	M	a	i	d	e	n		B	a	s	i	n		R	d																		LENGTH	SERIES/SIZE
2.35"	3.53"	2.85"	1.33"	2.77"	2.68"	2.16"	4.2"	2.92"	2.64"	2.34"	1.45"	2.16"	2.8"	2"	1.48"	2.35"																	37.3"	B 2000
																																		6"/4.5",4"/3"

MONTANA
Department of Transportation

SIGNING PLANS

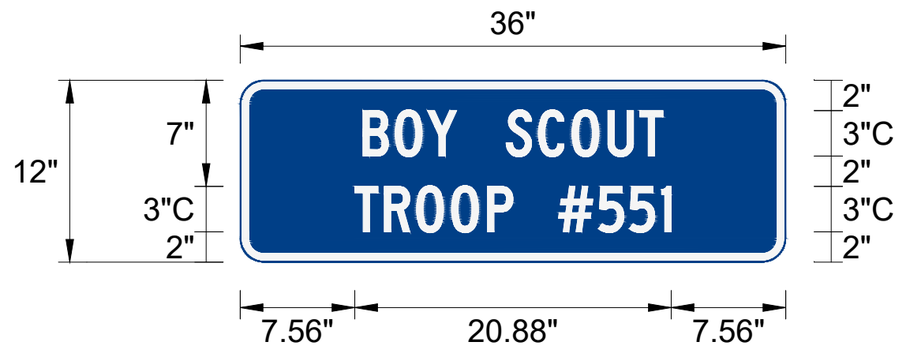
8/4/2026 12:02 PM

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

10559000SISDC001.DWG

SHEET NO. S21

SIGN DESIGN CALCULATIONS



SIGN NUMBER	N7-2P	
WIDTH x HEIGHT	36" x 12"	3" Sq.Ft.
BORDER WIDTH	0.5"	MARGIN 0.06"
CORNER RADIUS	1.5"	ALUMINUM TYPE
MOUNTING	Ground	SHEET
BACKGROUND	TYPE: Reflective	
	COLOR: Blue	
LEGEND/BORDER	TYPE: Reflective	
	COLOR: White/White	

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Regulatory - Blue.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) REDUCTION: 10% 20% 30%

																															LENGTH	SERIES/SIZE
	B	O	Y		S	C	O	U	T																							C 2000
8.1"	2.13"	2.13"	2.01"	3.18"	2.13"	2.22"	2.37"	2.1"	1.53"	8.1"																				19.8"	3"
	T	R	O	O	P		#	5	5	1																						C 2000
7.56"	1.95"	2.13"	2.31"	2.37"	1.68"	3"	2.64"	2.04"	2.13"	0.63"	7.56"																				20.88"	3"

MONTANA
Department of Transportation

SIGNING PLANS

8/4/2026 12:02 PM

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

10559000SISDC001.DWG

SHEET NO.
S22

SIGN DESIGN CALCULATIONS



SIGN NUMBER	N6-1	
WIDTH x HEIGHT	96" x 30"	20" Sq.Ft.
BORDER WIDTH	1"	MARGIN
CORNER RADIUS	3"	ALUMINUM TYPE
MOUNTING	Ground	INCREMENT
BACKGROUND	TYPE: Reflective	
	COLOR: Green	
LEGEND/BORDER	TYPE: Reflective	
	COLOR: White/White	

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: guide_con_street.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) — REDUCTION: 10% 20% 30% — LENGTH — SERIES/SIZE

	E	N	T	E	R	I	N	G																								LENGTH	SERIES/SIZE
26.5"	5.7"	5.88"	5.52"	5.7"	6.06"	2.64"	6.24"	4.86"	26.9"																							42.6"	E 2000 6"
	C	o	r	w	i	n		S	p	r	i	n	g	s																			E 2000
7.6"	7.76"	6.32"	4"	8.56"	2.88"	4.96"	8"	7.76"	6.16"	4.56"	2.88"	6.08"	6"	4.88"	7.6"																	80.8"	8"/6"

MONTANA
Department of Transportation

SIGNING PLANS

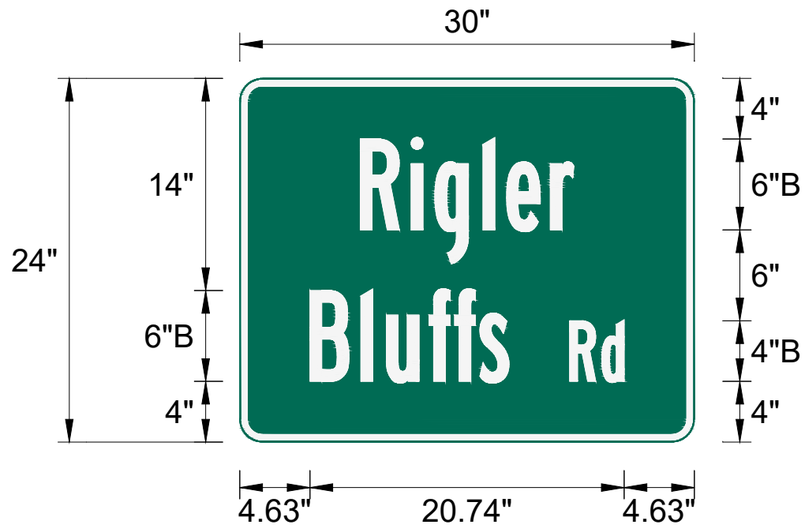
8/4/2026 12:03 PM

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

10559000SISDC001.DWG

SHEET NO. S23

SIGN DESIGN CALCULATIONS



SIGN NUMBER	D3-1		
WIDTH x HEIGHT	30" x 24"	5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN 0"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) — **REDUCTION:** 10% 20% 30%

																															LENGTH	SERIES/SIZE
	R	i	g	l	e	r																									B 2000
7.95"	3.36"	1.56"	3.18"	1.56"	2.88"	1.56"	7.95"																							14.1"	6"/4.5"
	B	l	u	f	f	s		R	d																							B 2000
4.63"	3.36"	1.68"	2.82"	1.68"	1.68"	1.92"	4"	2.12"	1.48"	4.63"																					20.74"	6"/4.5",4"/3"

SHEET NO. S24

SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

8/4/2026 12:03 PM 10559000SISDC001.DWG



SIGN NUMBER	D3-1	
WIDTH x HEIGHT	30" x 24"	5" Sq.Ft.
BORDER WIDTH	0.5"	MARGIN 0"
CORNER RADIUS	1.5"	ALUMINUM TYPE
MOUNTING	Ground	SHEET
BACKGROUND	TYPE: Reflective	
	COLOR: Green	
LEGEND/BORDER	TYPE: Reflective	
	COLOR: White/White	

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) — **REDUCTION:** 10% 20% 30%

																															LENGTH	SERIES/SIZE
	C	i	n	n	a	b	a	r																							B 2000
4.2"	3.54"	1.74"	3.06"	2.76"	3.12"	2.7"	3.12"	1.56"	4.2"																				21.6"	6"/4.5"
	B	a	s	i	n		R	d																							B 2000
5.05"	3.06"	2.82"	2.52"	1.74"	2.16"	4"	2.12"	1.48"	5.05"																				19.9"	6"/4.5",4"/3"

SHEET NO. S25

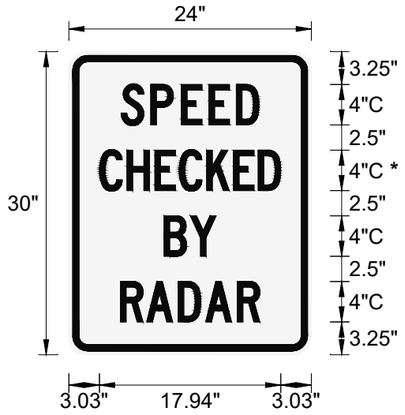
SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

8/4/2026 12:03 PM 10559000SISDC001.DWG



SIGN NUMBER	R2-11 MT01		
WIDTH x HEIGHT	24" x 30"	5" Sq.Ft.	
BORDER WIDTH	0.63"	MARGIN 0.38"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: White		
LEGEND/BORDER	TYPE: Non-reflective		
	COLOR: Black/Black		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: regulatory.ssi

Dimensions are in inches hundredths

* REDUCE SPACING BY 40%

LETTER POSITIONS (X) — REDUCTION: 10% 20% 30%

																														LENGTH	SERIES/SIZE
	S	P	E	E	D																										C 2000
5.18"	2.92"	3.04"	2.72"	2.72"	2.24"	5.18"																								13.64"	4"
	C	H	E	C	K	E	D																								C 2000
3.03"	2.72"	2.77"	2.4"	2.72"	2.65"	2.45"	2.24"	3.03"																						17.94"	4"
	B	Y																													C 2000
9.42"	2.6"	2.56"	9.42"																											5.16"	4"
	R	A	D	A	R																										C 2000
5.1"	2.6"	3.12"	2.72"	3.12"	2.24"	5.1"																								13.8"	4"

SHEET NO.
S26

SIGN DESIGN CALCULATIONS

PROJECT NAME: GARDINER - NORTH
COUNTY: PARK
PROJECT ID: NH 11-1(105)0
UPN: 10559000

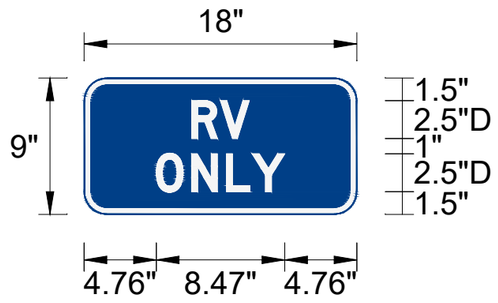
DESIGNED BY		CHECKED BY	
S. MORANO/S. WATSON	05/2026	N. STYREN	06/2026
REVIEWED BY			
T. MURFITT	07/2026		

MONTANA Department of Transportation

SIGNING PLANS

10559000SISDC001.DWG

8/4/2026 12:03 PM



SIGN NUMBER	D6-9P MT01		
WIDTH x HEIGHT	18" x 9"	1.13" Sq.Ft.	
BORDER WIDTH	0.38"	MARGIN 0"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Blue		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Regulatory - Blue.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) — **REDUCTION:** 10% 20% 30%

																														LENGTH	SERIES/SIZE
	R	V																													D 2000
7.1"	1.9"	1.9"	7.1"																											3.8"	2.5"
	O	N	L	Y																											D 2000
4.76"	2.33"	2.3"	1.7"	2.15"	4.76"																									8.47"	2.5"

SHEET NO. S27

SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

8/4/2026 12:03 PM 10559000SISDC001.DWG



SIGN NUMBER	D3-1
WIDTH x HEIGHT	30" x 12" — 2.5" Sq.Ft.
BORDER WIDTH	0.5" — MARGIN 0"
CORNER RADIUS	1.5" — ALUMINUM TYPE
MOUNTING	Ground — SHEET
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) — REDUCTION: 10% 20% 30% — LENGTH — SERIES/SIZE

	O	l	s	o	n		L	n																								LENGTH	SERIES/SIZE
4.97"	3.72"	1.44"	2.34"	3"	2.16"	4"	1.96"	1.44"	4.97"																							20.06"	B 2000 6"/4.5",4"/3"

SHEET NO. S28

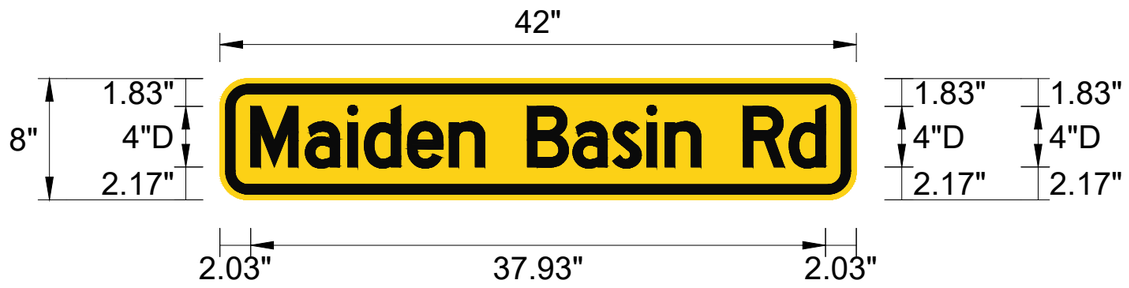
SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

8/4/2026 12:03 PM 10559000SISDC001.DWG



SIGN NUMBER	W16-8P		
WIDTH x HEIGHT	42" x 8"	2.33" Sq.Ft.	
BORDER WIDTH	0.63"	MARGIN 0.38"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Yellow		
LEGEND/BORDER	TYPE: Non-reflective		
	COLOR: Black/Black		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: warning_Rectangular.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) — **REDUCTION:** 10% ☐ 20% ☐ 30% ☒ — LENGTH — SERIES/SIZE

	M	a	i	d	e	n		B	a	s	i	n		R	d																	LENGTH	SERIES/SIZE
2.03"	3.6"	2.81"	1.09"	2.85"	2.75"	2.36"	2.8"	3"	2.64"	2.24"	1.2"	2.36"	2.8"	3.03"	2.4"	2.03"																37.93"	D 2000
																																4"/3"

MONTANA
Department of Transportation

SIGNING PLANS

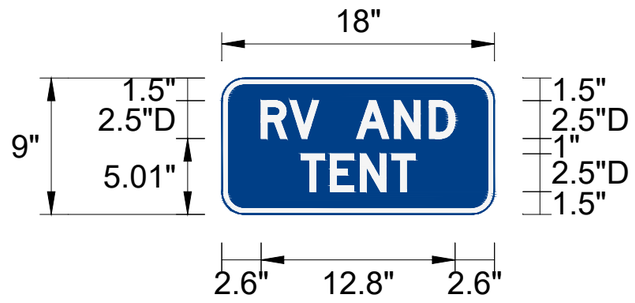
8/4/2026 12:03 PM

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

10559000SISDC001.DWG

SHEET NO.
S29

SIGN DESIGN CALCULATIONS



SIGN NUMBER	D6-9P MT03	
WIDTH x HEIGHT	18" x 9"	1.13" Sq.Ft.
BORDER WIDTH	0.38"	MARGIN 0"
CORNER RADIUS	1.5"	ALUMINUM TYPE
MOUNTING	Ground	SHEET
BACKGROUND	TYPE: Reflective	
	COLOR: Blue	
LEGEND/BORDER	TYPE: Reflective	
	COLOR: White/White	

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Regulatory - Blue.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) REDUCTION: 10% 20% 30%

																															LENGTH	SERIES/SIZE
	R	V		A	N	D																										D 2000
2.6"	1.9"	1.9"	2.5"	2.5"	2.3"	1.7"	2.6"																							12.8"	2.5"
	T	E	N	T																												D 2000
5.24"	1.93"	1.98"	2.08"	1.55"	5.24"																										7.53"	2.5"

SHEET NO. S30

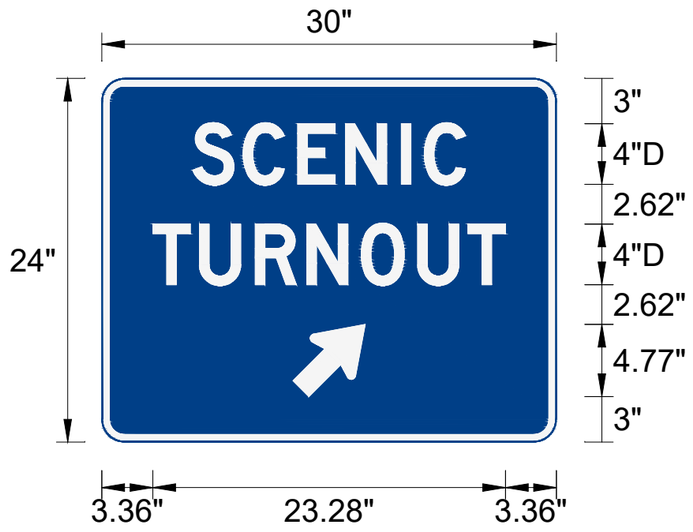
SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

8/4/2026 12:03 PM 10559000SISDC001.DWG



Panel Style:	guide_con_general_services.ssi
Dimensions are in	inches hundredths

SIGN NUMBER	D6-6aR MT01	
WIDTH x HEIGHT	30" x 24"	5" Sq.Ft.
BORDER WIDTH	0.5"	MARGIN 0"
CORNER RADIUS	1.5"	ALUMINUM TYPE
MOUNTING	Ground	SHEET
BACKGROUND	TYPE: Reflective	
	COLOR: Blue	
LEGEND/BORDER	TYPE: Reflective	
	COLOR: White/White	

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT
AR_Type D	315°	12.62"	3"	4"	6"

LETTER POSITIONS (X) — **REDUCTION:** 10% 20% 30%

																														LENGTH	SERIES/SIZE
	S	C	E	N	I	C																									D 2000
6"	3.32"	3.6"	3.16"	3.68"	1.52"	2.72"	6"																							18"	4"
	T	U	R	N	O	U	T																								D 2000
3.36"	3.08"	3.68"	3.4"	3.6"	3.72"	3.32"	2.48"	3.36"																						23.28"	4"

SHEET NO. S31

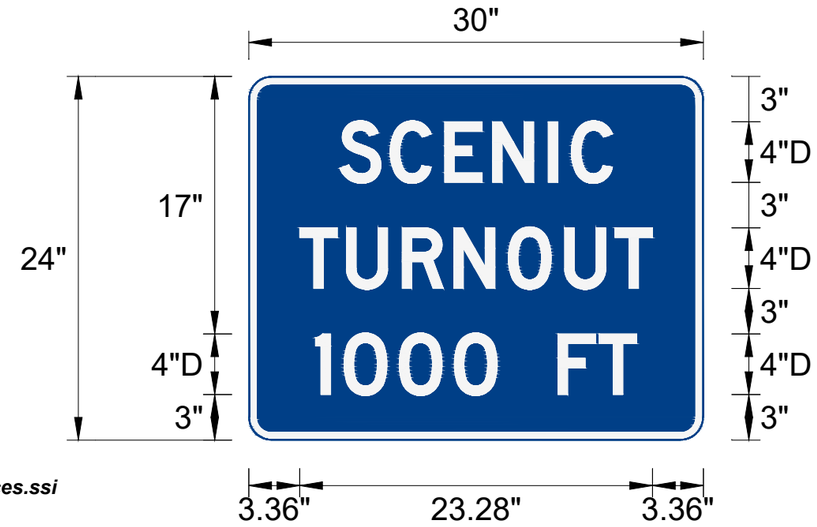
SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY		PROJECT NAME	GARDINER - NORTH
S. MORANO/S. WATSON	05/2026	COUNTY	PARK
REVIEWED BY			
T. MURFITT	07/2026	PROJECT ID	NH 11-1(105)0
CHECKED BY		UPN	10559000
N. STYREN	06/2026		

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SIGN NUMBER	D6-6 MT01		
WIDTH x HEIGHT	30" x 24"	5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN 0"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Blue		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: guide_con_general_services.ssi

Dimensions are in: inches hundredths

LETTER POSITIONS (X) — **REDUCTION:** 10% 20% 30%

																														LENGTH	SERIES/SIZE
	S	C	E	N	I	C																									D 2000
6"	3.32"	3.6"	3.16"	3.68"	1.52"	2.72"	6"																							18"	4"
	T	U	R	N	O	U	T																								D 2000
3.36"	3.08"	3.68"	3.4"	3.6"	3.72"	3.32"	2.48"	3.36"																						23.28"	4"
	1	0	0	0		F	T																								D 2000
4.4"	1.88"	3.64"	3.64"	2.84"	4"	2.72"	2.48"	4.4"																						21.2"	4"

SHEET NO.
S32

SIGN DESIGN CALCULATIONS

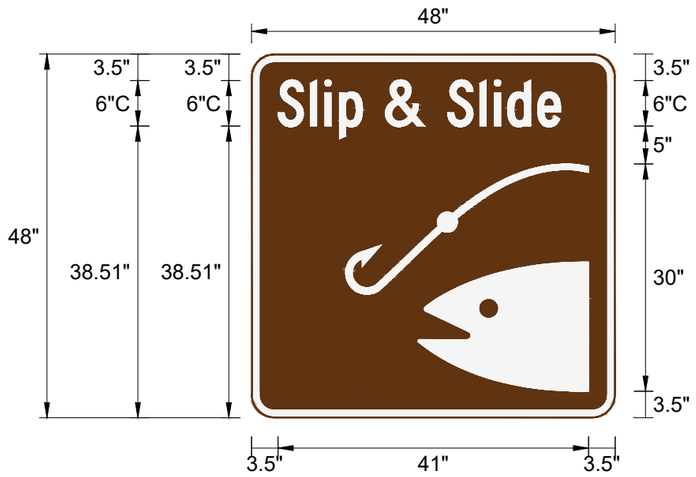
MONTANA
Department of Transportation

SIGNING PLANS

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

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10559000SISDC001.DWG



SIGN NUMBER	FWP RS-063 MT01		
WIDTH x HEIGHT	48" x 48"	16" Sq.Ft.	
BORDER WIDTH	1"	MARGIN 0"	
CORNER RADIUS	3"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Brown		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT
RS-063	0"	12.42"	3.5"	32.08"	30"

Panel Style: guide_fwy_recreational.ssi

Dimensions are in: inches hundredths

LETTER POSITIONS (X) — REDUCTION: 10% 20% 30% — LENGTH — SERIES/SIZE

| S | l | i | p | | & | | S | l | i | d | e | | |



SIGN NUMBER	D3-1		
WIDTH x HEIGHT	30" x 24"	5" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN 0"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X)

REDUCTION: 10% 20% 30%

																														LENGTH	SERIES/SIZE
	H	o	r	s	e	s	h	o	e																					B 2000
3.12"	3.54"	3"	1.86"	2.34"	2.58"	2.52"	2.88"	2.82"	2.22"	3.12"																			23.76"	6"/4.5"
	G	u	l	c	h																									B 2000
8.43"	3.48"	3.12"	1.56"	2.82"	2.16"	8.43"																							13.14"	6"/4.5"

SHEET NO.
S34

SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

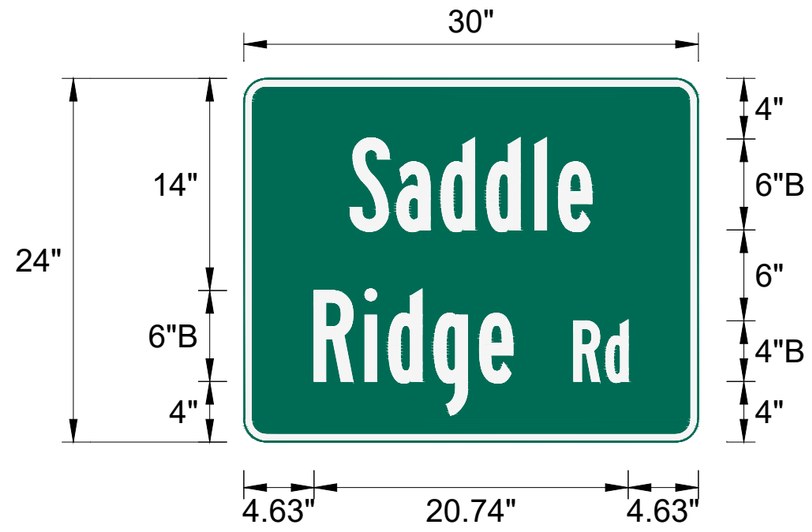
SIGNING PLANS

PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

DESIGNED BY	05/2026
S. MORANO/S. WATSON	
REVIEWED BY	07/2026
T. MURFITT	
CHECKED BY	06/2026
N. STYREN	

8/4/2026 12:03 PM

10559000SISDC001.DWG



SIGN NUMBER	D3-1	
WIDTH x HEIGHT	30" x 24"	5" Sq.Ft.
BORDER WIDTH	0.5"	MARGIN 0"
CORNER RADIUS	1.5"	ALUMINUM TYPE
MOUNTING	Ground	SHEET
BACKGROUND	TYPE: Reflective	
	COLOR: Green	
LEGEND/BORDER	TYPE: Reflective	
	COLOR: White/Black	

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) — **REDUCTION:** 10% 20% 30%

																															LENGTH	SERIES/SIZE
	S	a	d	d	l	e																									B 2000
7.02"	3.06"	2.94"	3"	3.18"	1.56"	2.22"	7.02"																							15.96"	6"/4.5"
	R	i	d	g	e		R	d																							B 2000
4.63"	3.36"	1.56"	3"	3"	2.22"	4"	2.12"	1.48"	4.63"																					20.74"	6"/4.5",4"/3"

SHEET NO. S35

SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

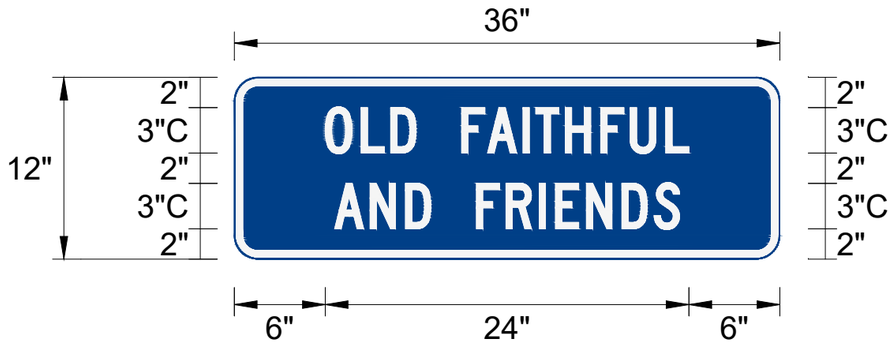
SIGNING PLANS

PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026

8/4/2026 12:03 PM

10559000SISDC001.DWG



SIGN NUMBER	N7-2P	
WIDTH x HEIGHT	36" x 12"	3" Sq.Ft.
BORDER WIDTH	0.5"	MARGIN 0.06"
CORNER RADIUS	1.5"	ALUMINUM TYPE
MOUNTING	Ground	SHEET
BACKGROUND	TYPE: Reflective	
	COLOR: Blue	
LEGEND/BORDER	TYPE: Reflective	
	COLOR: White/White	

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Regulatory - Blue.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) REDUCTION: 10% 20% 30%

																															LENGTH	SERIES/SIZE
	O	L	D		F	A	I	T	H	F	U	L																			C 2000
6"	2.37"	1.95"	1.68"	3"	1.71"	2.34"	0.84"	1.95"	2.34"	1.95"	2.34"	1.53"	6"																		24"	3"
	A	N	D		F	R	I	E	N	D	S																					C 2000
6.62"	2.34"	2.34"	1.68"	3"	1.95"	2.19"	1.08"	2.04"	2.34"	2.13"	1.68"	6.62"																			22.77"	3"

SHEET NO.
S36

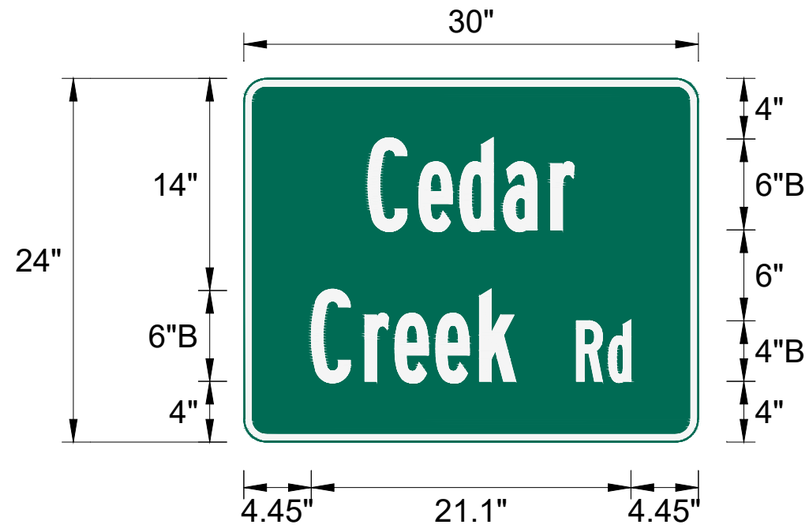
SIGN DESIGN CALCULATIONS

MONTANA
Department of Transportation

SIGNING PLANS

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

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SIGN NUMBER	D3-1	
WIDTH x HEIGHT	30" x 24"	5" Sq.Ft.
BORDER WIDTH	0.5"	MARGIN 0"
CORNER RADIUS	1.5"	ALUMINUM TYPE
MOUNTING	Ground	SHEET
BACKGROUND	TYPE: Reflective	
	COLOR: Green	
LEGEND/BORDER	TYPE: Reflective	
	COLOR: White/White	

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) REDUCTION: 10% 20% 30%

																														LENGTH	SERIES/SIZE
	C	e	d	a	r																										B 2000
8.19"	3.36"	2.7"	2.88"	3.12"	1.56"	8.19"																								13.62"	6"/4.5"
	C	r	e	e	k		R	d																							B 2000
4.45"	3.54"	1.98"	2.7"	2.88"	2.4"	4"	2.12"	1.48"	4.45"																					21.1"	6"/4.5",4"/3"

SHEET NO. S37

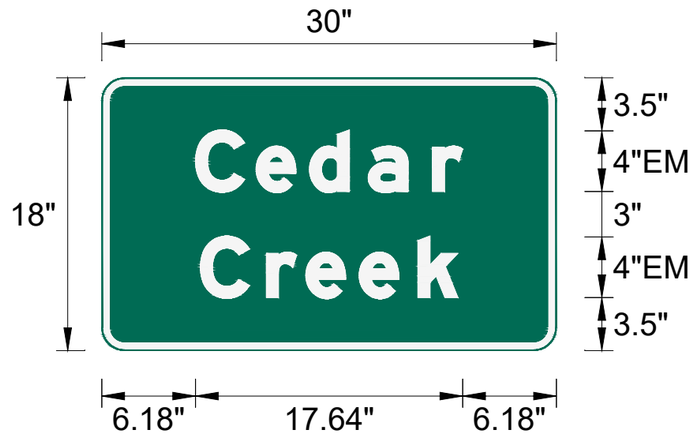
SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

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SIGN NUMBER	N6-2		
WIDTH x HEIGHT	30" x 18"	3.75" Sq.Ft.	
BORDER WIDTH	0.5"	MARGIN 0"	
CORNER RADIUS	1.5"	ALUMINUM TYPE	
MOUNTING	Ground	SHEET	
BACKGROUND	TYPE: Reflective		
	COLOR: Green		
LEGEND/BORDER	TYPE: Reflective		
	COLOR: White/White		

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) REDUCTION: 10% 20% 30%

																														LENGTH	SERIES/SIZE
	C	e	d	a	r																										
6.18"	4"	3.52"	3.88"	4.24"	2"	6.18"																								17.64"	EM 2000 4"/3"
	C	r	e	e	k																										
6.5"	4.36"	2.6"	3.52"	3.88"	2.64"	6.5"																								17"	EM 2000 4"/3"

MONTANA
Department of Transportation

SIGNING PLANS

8/4/2026 12:03 PM

DESIGNED BY	S. MORANO/S. WATSON 05/2026
REVIEWED BY	T. MURFITT 07/2026
CHECKED BY	N. STYREN 06/2026
PROJECT NAME	GARDINER - NORTH
COUNTY	PARK
PROJECT ID	NH 11-1(105)0
UPN	10559000

10559000SISDC001.DWG

SHEET NO.
S38

SIGN DESIGN CALCULATIONS



SIGN NUMBER	D3-1	
WIDTH x HEIGHT	30" x 12"	2.5" Sq.Ft.
BORDER WIDTH	0.5"	MARGIN 0"
CORNER RADIUS	1.5"	ALUMINUM TYPE
MOUNTING	Ground	SHEET
BACKGROUND	TYPE: Reflective	
	COLOR: Green	
LEGEND/BORDER	TYPE: Reflective	
	COLOR: White/White	

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Street Name 6-4in.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) — **REDUCTION:** 10% 20% 30% — LENGTH — SERIES/SIZE

	S	p	h	i	n	x		D	r																							LENGTH	SERIES/SIZE
3.05"	3.36"	3"	3.06"	1.74"	2.58"	2.76"	4"	2.36"	1.04"	3.05"																						23.9"	B 2000 6"/4.5",4"/3"

SHEET NO. S39

SIGN DESIGN CALCULATIONS

MONTANA Department of Transportation

SIGNING PLANS

DESIGNED BY		PROJECT NAME	GARDINER - NORTH
S. MORANO/S. WATSON	05/2026	COUNTY	PARK
REVIEWED BY			
T. MURFITT	07/2026	PROJECT ID	NH 11-1(105)0
CHECKED BY		UPN	10559000
N. STYREN	06/2026		

8/4/2026 12:03 PM 10559000SISDC001.DWG



SIGN NUMBER	N7-2P	
WIDTH x HEIGHT	36" x 12"	3" Sq.Ft.
BORDER WIDTH	0.5"	MARGIN 0.06"
CORNER RADIUS	1.5"	ALUMINUM TYPE
MOUNTING	Ground	SHEET
BACKGROUND	TYPE: Reflective	
	COLOR: Blue	
LEGEND/BORDER	TYPE: Reflective	
	COLOR: White/White	

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: Regulatory - Blue.ssi

Dimensions are in inches hundredths

LETTER POSITIONS (X) REDUCTION: 10% 20% 30%

																														LENGTH	SERIES/SIZE
	A	M	E	R	I	C	A	N		L	E	G	I	O	N															C 2000
2.71"	2.34"	2.64"	2.04"	2.19"	1.02"	2.04"	2.34"	1.68"	3"	1.95"	1.98"	2.28"	1.02"	2.37"	1.68"	2.71"													30.57"	3"
	1	1	8		G	A	R	D	I	N	E	R																		C 2000
6.48"	1.23"	1.14"	1.68"	3"	2.04"	2.34"	2.19"	2.28"	1.08"	2.34"	2.04"	1.68"	6.48"																	23.04"	3"

MONTANA Department of Transportation	DESIGNED BY	PROJECT NAME	GARDINER - NORTH
	S. MORANO/S. WATSON 05/2026	COUNTY	PARK
	REVIEWED BY		
	T. MURFITT 07/2026	PROJECT ID	NH 11-1(105)0
	CHECKED BY		
SIGNING PLANS	N. STYREN 06/2026	UPN	10559000
8/4/2026 12:03 PM	10559000SISDC001.DWG		

SHEET NO. S40

SIGN DESIGN CALCULATIONS



SIGN NUMBER	W16-8P	
WIDTH x HEIGHT	30" x 15"	3.13" Sq.Ft.
BORDER WIDTH	0.63"	MARGIN 0.38"
CORNER RADIUS	1.5"	ALUMINUM TYPE
MOUNTING	Ground	SHEET
BACKGROUND	TYPE: Reflective	
	COLOR: Yellow	
LEGEND/BORDER	TYPE: Non-reflective	
	COLOR: Black/Black	

STATION(S) none

SYMBOL	ROT	X	Y	WID	HT

Panel Style: warning_Rectangular.ssi

Dimensions are in: inches hundredths

LETTER POSITIONS (X) — **REDUCTION:** 10% 20% 30%

																														LENGTH	SERIES/SIZE
	C	i	n	n	a	b	a	r																							D 2000
4.28"	3.52"	1.44"	3.12"	2.92"	3.04"	2.84"	3.04"	1.52"	4.28"																					21.44"	4"/3"
	B	a	s	i	n		R	d																							D 2000
4.72"	3.12"	2.8"	2.4"	1.44"	2.36"	3"	3.16"	2.4"	4.6"																					20.68"	4"/3"

MONTANA
Department of Transportation

SIGNING PLANS

8/4/2026 12:03 PM

DESIGNED BY	S. MORANO/S. WATSON	05/2026
REVIEWED BY	T. MURFITT	07/2026
CHECKED BY	N. STYREN	06/2026

PROJECT NAME: GARDINER - NORTH

COUNTY: PARK

PROJECT ID: NH 11-1(105)0

UPN: 10559000

10559000SISDC001.DWG

SHEET NO. S41

SIGN DESIGN CALCULATIONS