C:\DGN\####000SISDC001.DGN

SHEET 1

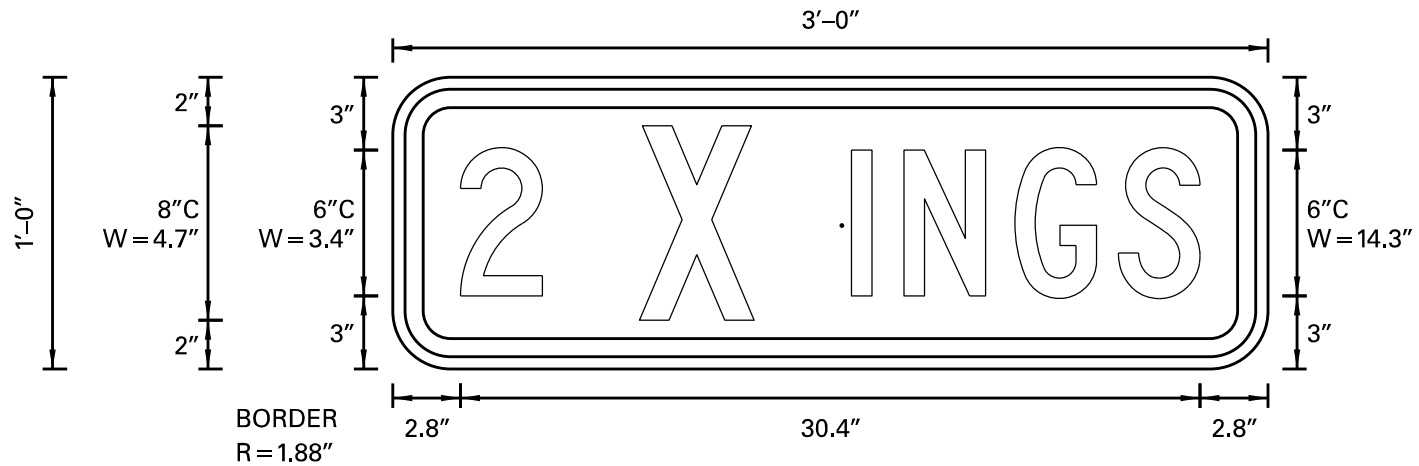
10:31:32 AM
6/30/2016
u4044

MONTANA DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE Rail Road Crossing Signing



BORDER
R = 1.88"
TH = 0.75"
IN = 0.5"

Panel Style: 0 FIYIGrn–PS_1–0.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION
10% ☐ 20% ☐ 30% ☐

Panel Style: 0 FIYIGrn-PS_1-0.ssi
Dimensions are in inches. tenths

SIGN NAME: S1–1Sa

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1:8

SIGN NUMBER	S1-1Sa
WIDTH x HGHT.	3'-0" x 1'-0"
MARGIN	0.5"
BORDER WIDTH	0.75"
CORNER RADIUS	1.88"
SQ. FEET	3.0 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective
BACKGROUND COLOR:	FL. Yellow Green
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

DESIGNED:	RDS	DATE:	06 /2016
CHECKED:	DWM	DATE:	06 /2016

Stations:

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

	2		X		I	N	G	S													LENGTH	SERIES SIZE
2.8	3.4	4	4.7	4	2.2	4.6	4.3	3.4	2.8												30.4	C 2000 6.8

C:\DGN\####000SISDC001.DGN

SHEET 2

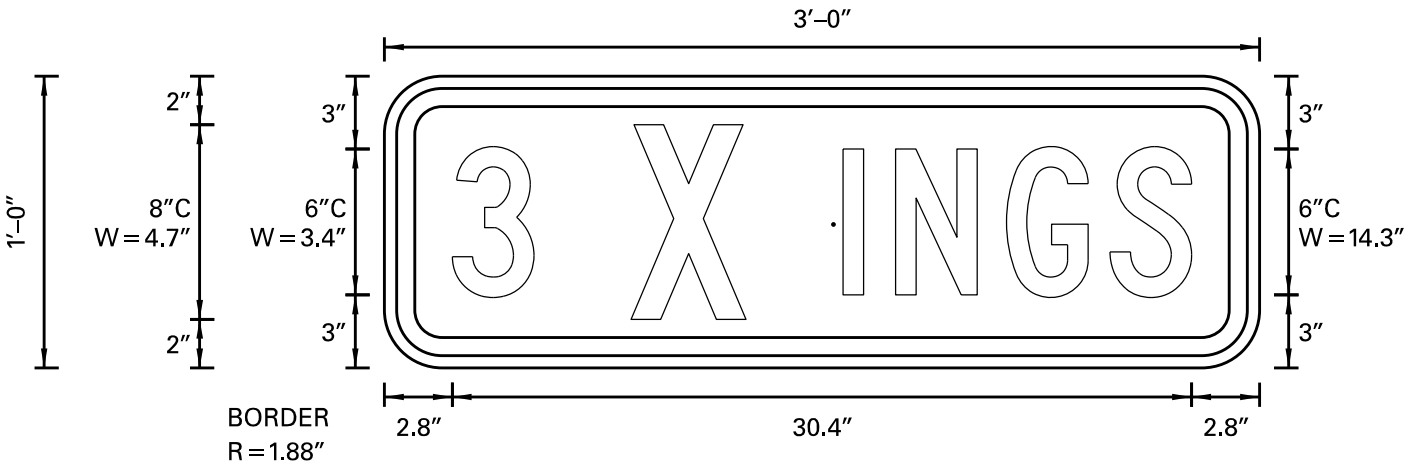
10:31:32 AM
6/30/2016
u4044

MONTANA DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE Rail Road Crossing Signing



BORDER
R=1.88"
TH=0.75"
IN=0.5"

Panel Style: 0 FIYIGrn–PS_1–0.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION
10% ☐ 20% ☐ 30% ☐

Panel Style: 0 FIYIGrn-PS_1-0.ssi
Dimensions are in inches. tenths

SIGN NAME: S1–1Sb

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1:8

SIGN NUMBER	S1-1Sb
WIDTH x HGHT.	3'-0" x 1'-0"
MARGIN	0.5"
BORDER WIDTH	0.75"
CORNER RADIUS	1.88"
SQ. FEET	3.0 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective
BACKGROUND COLOR:	FL. Yellow Green
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

DESIGNED:	RDS	DATE:	06 /2016
CHECKED:	DWM	DATE:	06 /2016

Stations:

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

	3		X		I	N	G	S													LENGTH	SERIES SIZE
2.8	3.4	4	4.7	4	2.2	4.6	4.3	3.4	2.8												30.4	C 2000 6.8

C:\DGN\####000SISDC001.DGN

SHEET 3

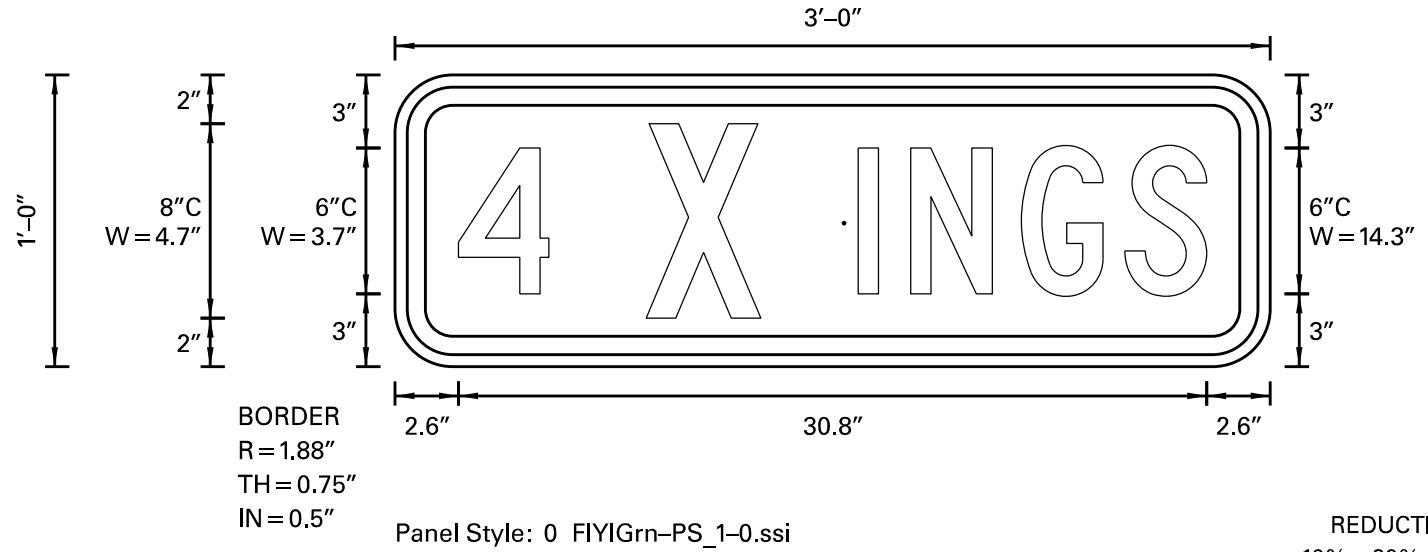
10:31:32 AM
6/30/2016
u4044

MONTANA DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE Rail Road Crossing Signing



BORDER
R = 1.88"
TH = 0.75"
IN = 0.5"

Panel Style: 0 FIYIGrn–PS_1–0.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION
10% ☐ 20% ☐ 30% ☐

Panel Style: 0 FIYIGrn-PS_1-0.ssi
Dimensions are in inches. tenths

SIGN NAME: S1–1Sc

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1:8

SIGN NUMBER	S1-1Sc
WIDTH x HGHT.	3'-0" x 1'-0"
MARGIN	0.5"
BORDER WIDTH	0.75"
CORNER RADIUS	1.88"
SQ. FEET	3.0 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective
BACKGROUND COLOR:	FL. Yellow Green
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

DESIGNED:	RDS	DATE:	06 /2016
CHECKED:	DWM	DATE:	06 /2016

Stations:

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

	4		X		I	N	G	S													LENGTH	SERIES SIZE
2.6	3.7	4	4.7	4	2.2	4.6	4.3	3.4	2.6												30.8	C 2000 6.8

C:\DGN\####000SISDC001.DGN

SHEET 4

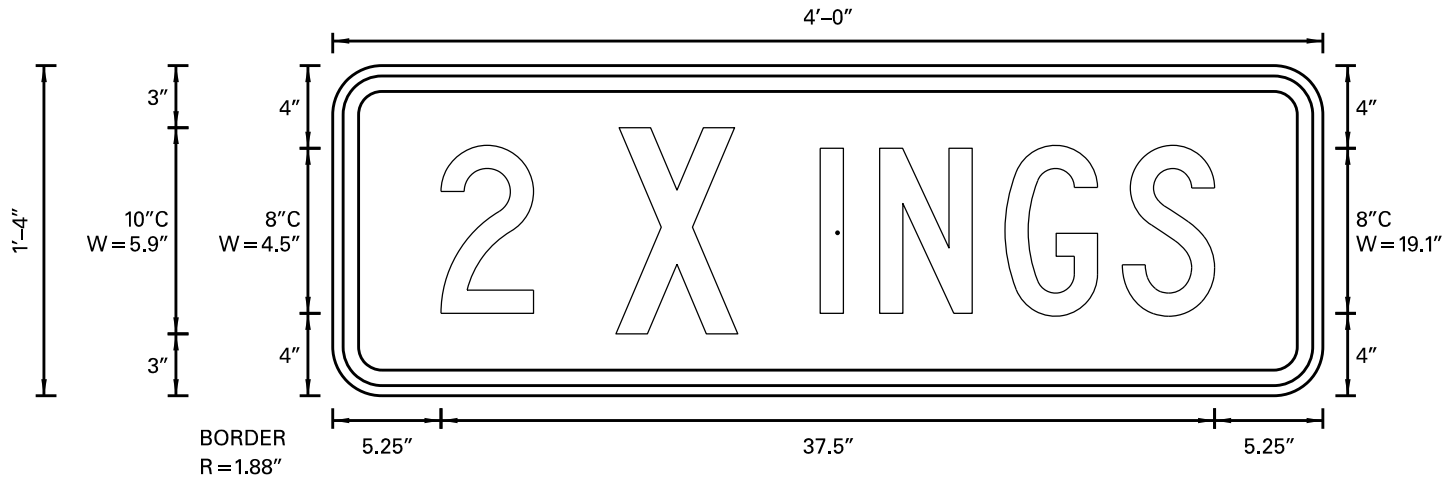
10:31:33 AM
6/30/2016
u4044

MONTANA DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE Rail Road Crossing Signing



BORDER
R=1.88"
TH=0.75"
IN=0.5"

Panel Style: 0 FIYIGrn-PS_1-0.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION
10% ☐ 20% ☐ 30% ☐

Panel Style: 0 FIYIGrn-PS_1-0.ssi
Dimensions are in inches. tenths

SIGN NAME: S1-1Sd

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1:8

SIGN NUMBER	S1-1Sd
WIDTH x HGHT.	4'-0" x 1'-4"
MARGIN	0.5"
BORDER WIDTH	0.75"
CORNER RADIUS	1.88"
SQ. FEET	5.3 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective
BACKGROUND COLOR:	FL. Yellow Green
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

DESIGNED: RDS	DATE: 06 /2016
CHECKED: DWM	DATE: 06 /2016

Stations:

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

	2		X		I	N	G	S													LENGTH	SERIES SIZE
5.2	4.5	4	5.9	4	2.9	6.1	5.7	4.5	5.3												37.5	C 2000 8.10

C:\DGN\####000SISDC001.DGN

SHEET 5

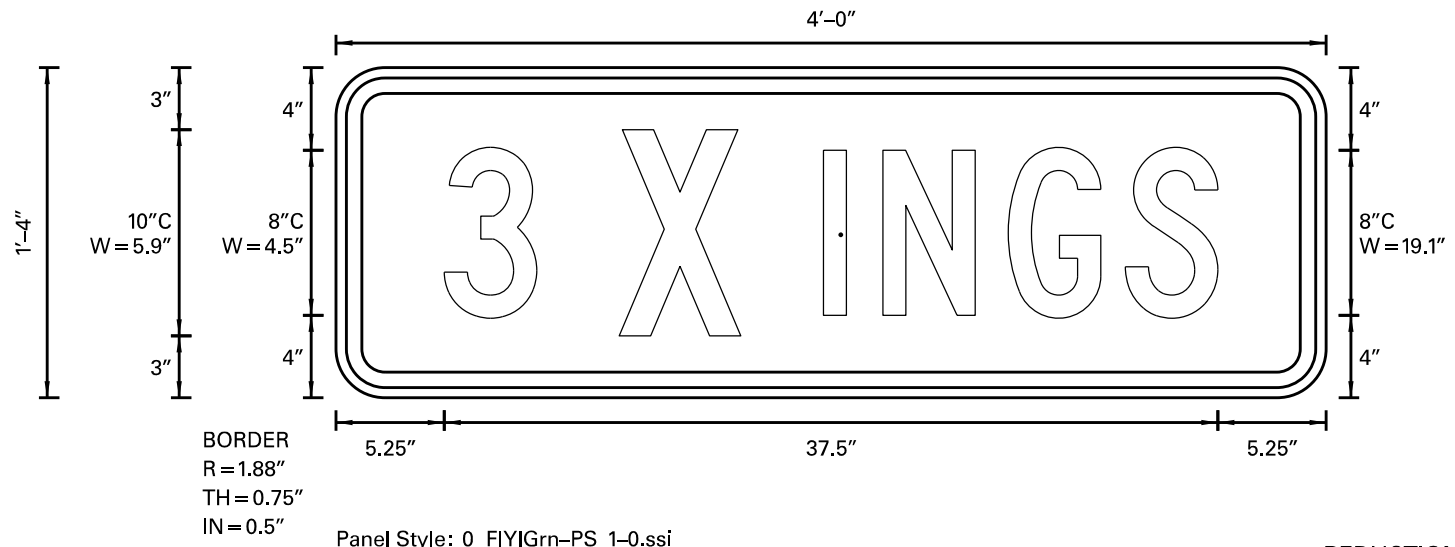
10:31:33 AM
6/30/2016
u4044

MONTANA DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE Rail Road Crossing Signing



BORDER
R=1.88"
TH=0.75"
IN=0.5"

Panel Style: 0 FIYIGrn–PS_1–0.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION
10% ☐ 20% ☐ 30% ☐

Panel Style: 0 FIYIGrn-PS_1-0.ssi
Dimensions are in inches. tenths

SIGN NAME: S1–1Se

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1:8

SIGN NUMBER	S1-1Se
WIDTH x HGHT.	4'-0" x 1'-4"
MARGIN	0.5"
BORDER WIDTH	0.75"
CORNER RADIUS	1.88"
SQ. FEET	5.3 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective
BACKGROUND COLOR:	FL. Yellow Green
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

DESIGNED:	RDS	DATE:	06 /2016
CHECKED:	DWM	DATE:	06 /2016

Stations:

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

	3		X		I	N	G	S													LENGTH	SERIES SIZE
5.3	4.5	4	5.9	4	2.9	6.1	5.7	4.5	5.3												37.5	C 2000 8.10

C:\DGN\####000SISDC001.DGN

SHEET 6

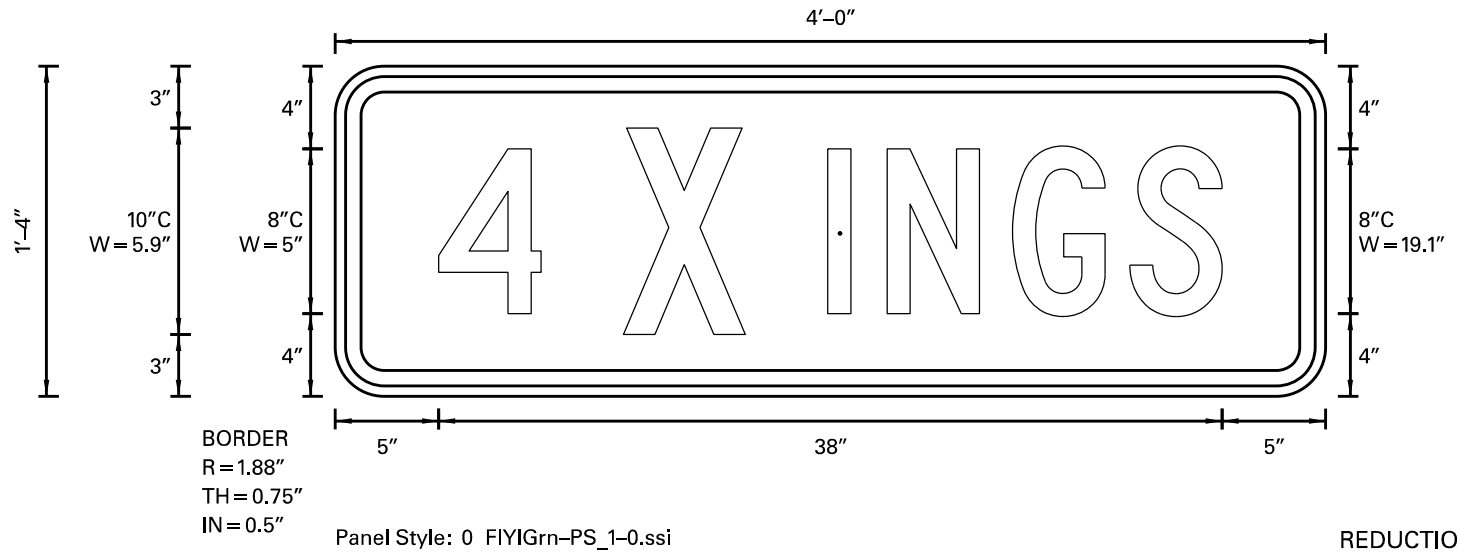
10:31:33 AM
6/30/2016
u4044

MONTANA DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE Rail Road Crossing Signing



Panel Style: 0 FIYIGrn–PS_1–0.ssi
M.U.T.C.D.: 2009 Edition

REDUCTION
10% ☐ 20% ☐ 30% ☐

Panel Style: 0 FIYIGrn-PS_1-0.ssi
Dimensions are in inches. tenths

SIGN NAME: S1–1Sf

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1:8

SIGN NUMBER	S1-1Sf
WIDTH x HGHT.	4'-0" x 1'-4"
MARGIN	0.5"
BORDER WIDTH	0.75"
CORNER RADIUS	1.88"
SQ. FEET	5.3 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective
BACKGROUND COLOR:	FL. Yellow Green
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

DESIGNED:	RDS	DATE:	06 /2016
CHECKED:	DWM	DATE:	06 /2016

Stations:

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

	4		X		I	N	G	S													LENGTH	SERIES SIZE
5	5	4	5.9	4	2.9	6.1	5.7	4.5	5												38	C 2000 8.10