C:\DGN\Fines_DoubleSISDC001.DGN

SHEET 1

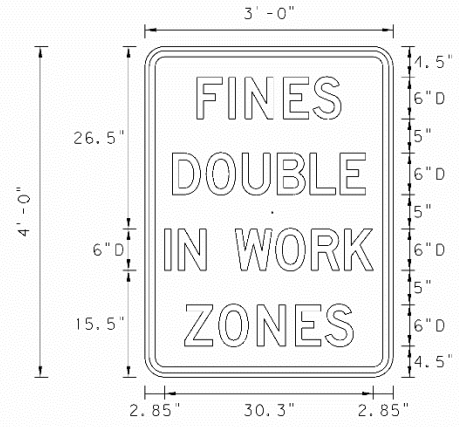
2:57:00 PM
11/6/2017
u7571

MONTANA
MDT
DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



REDUCTION

30% SPACE REDUCTION FOR "IN WORK" ONLY 10% ☐ 20% ☐ 30% ☒

Panel Style: 2 Reg_Wht-Blk 36.ssi
Dimensions are in inches.tenths

SIGN NAME: FINES DOUBLE IN WORK ZONES

SHT ALUM ☒
ALUM INCR ☐

SIGN DETAIL 1:8

DESIGNED:	SDR	DATE:	9-17
CHECKED:	NJT	DATE:	9-17

SIGN NUMBER	R2-15
WIDTH x HGHT.	3'-0" x 4'-0"
MARGIN	0.63"
BORDER WIDTH	0.88"
CORNER RADIUS	2.25"
SQ. FEET	12.0 Sq.Ft.
MOUNTING	Ground
TYPE: BACKGROUND COLOR:	Reflective Type XI White
TYPE: LEGEND/BORDER COLOR:	Non Reflective Black/Black

Stations:

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

																					LENGTH	SERIES SIZE
	F	I	N	E	S																20.9	D 2000 6
7.5	4.6	2.4	5.5	4.3	4.1	7.5																
	D	O	U	B	L	E															28.1	D 2000 6
4	4.9	5.2	5.1	4.8	4.3	3.7	4															
	I	N		W	O	R	K														30.3	D 2000 6
2.8	2	4.1	4.2	5.9	5.2	4.8	4.2	2.8														
	Z	O	N	E	S																24.5	D 2000 6
5.8	5	5.6	5.5	4.3	4.1	5.8																

C:\DGN\Fines_DoubleSISDC001.DGN

SHEET 2

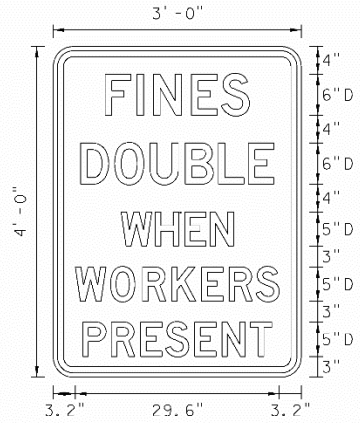
2:57:09 PM
11/6/2017
u7571

MONTANA DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



REDUCTION
10% ☐ 20% ☐ 30% ☐

Panel Style: 2 Reg_Wht-Blk 36.ssi
Dimensions are in inches. tenths

SIGN NAME: FINES DOUBLE WHEN WORKERS PRESENT

SHT ALUM [X]
ALUM INCR [ ]

SIGN DETAIL
1:8

SIGN NUMBER	R2-15a
WIDTH x HGHT.	3'-0" x 4'-0"
MARGIN	0.63"
BORDER WIDTH	0.88"
CORNER RADIUS	2.25"
SQ. FEET	12.0 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective Type XI
BACKGROUND COLOR:	White
LEGEND/BORDER TYPE:	Non Reflective
LEGEND/BORDER COLOR:	Black/Black

Stations:

DESIGNED:	DATE:
CHECKED:	DATE:

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

																					LENGTH	SERIES SIZE
	F	I	N	E	S																20.9	D 2000 6
7.5	4.6	2.4	5.5	4.3	4.1	7.5																
	D	O	U	B	L	E															28.1	D 2000 6
4	4.9	5.2	5.1	4.8	4.3	3.7	4															
	W	H	E	N																	16.3	D 2000 5
9.8	5	4.2	3.7	3.4	9.8																	
	W	O	R	K	E	R	S														29.6	D 2000 5
3.2	5.1	4.6	4.3	4.3	4	3.9	3.4	3.2														
	P	R	E	S	E	N	T														27.5	D 2000 5
4.3	4.1	4.3	3.6	4.3	3.9	4.2	3.1	4.3														

C:\DGN\Fines_DoubleSISDC001.DGN

SHEET 3

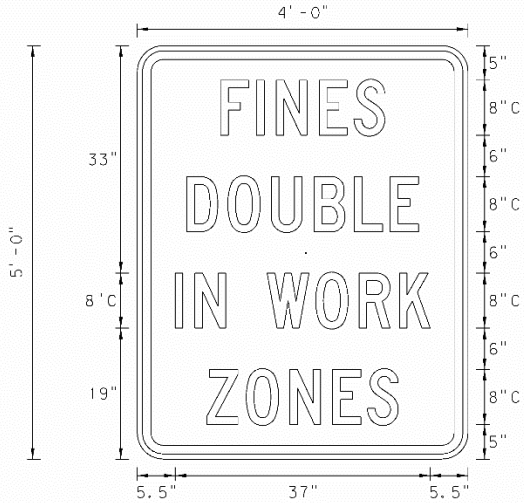
2:57:18 PM
11/6/2017
u7571

MONTANA
MDT
DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



REDUCTION
10% 20% 30%
☐ ☐ ☐

Panel Style: 2 Reg_Wht-Blk 48.ssi
Dimensions are in inches. tenths

SIGN NAME: FINES DOUBLE IN WORK ZONES

SHT ALUM ☐
ALUM INCR ☒

SIGN DETAIL
1:8

SIGN NUMBER	R2-15
WIDTH x HGHT.	4'-0" x 5'-0"
MARGIN	0.75"
BORDER WIDTH	1.25"
CORNER RADIUS	3"
SQ. FEET	20.0 Sq.Ft.
MOUNTING	Ground
TYPE: BACKGROUND COLOR:	Reflective Type XI White
TYPE: LEGEND/BORDER COLOR:	Non Reflective Black/Black

DESIGNED:	SDR	DATE:	9-17
CHECKED:	NJT	DATE:	9-17

Stations:

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

																					LENGTH	SERIES SIZE
	F	I	N	E	S																23.8	C 2000 8
12.1	5.2	2.9	6.2	5	4.5	12.1																
	D	O	U	B	L	E															33.6	C 2000 8
7.2	5.9	6.3	6.2	5.8	5.2	4.1	7.2															
	I	N		W	O	R	K														37	C 2000 8
5.5	2.9	4.5	6	7	6.3	5.8	4.5	5.5														
	Z	O	N	E	S																27.8	C 2000 8
10.1	5.7	6.3	6.2	5	4.5	10.1																

C:\DGN\Fines_DoubleSISDC001.DGN

SHEET 4

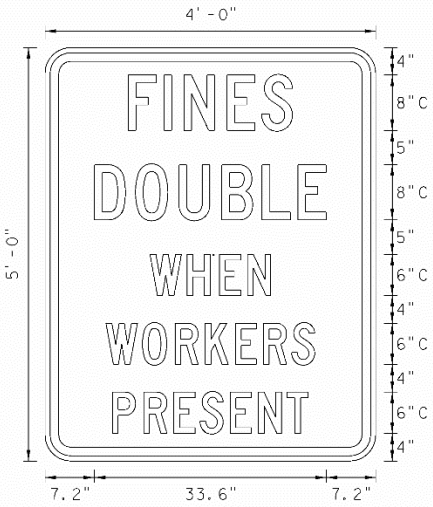
2:57:28 PM
11/6/2017
u757 1

MONTANA
MDT
DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



REDUCTION
10% ☐ 20% ☐ 30% ☐

Panel Style: 2 Reg_Wht-Blk 48.ssi
Dimensions are in inches. tenths

SIGN NAME: FINES DOUBLE WHEN WORKERS PRESENT

SHT ALUM ☐
ALUM INCR ☒

SIGN DETAIL
1:8

SIGN NUMBER	R2-15a
WIDTH x HGHT.	4'-0" x 5'-0"
MARGIN	0.75"
BORDER WIDTH	1.25"
CORNER RADIUS	3"
SQ. FEET	20.0 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective Type XI
BACKGROUND COLOR:	White
LEGEND/BORDER TYPE:	Non Reflective
LEGEND/BORDER COLOR:	Black/Black

Stations:

DESIGNED:	DATE:
CHECKED:	DATE:

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)																					LENGTH	SERIES SIZE
	F	I	N	E	S																23.8	C 2000 8
12.1	5.2	2.9	6.2	5	4.5	12.1																
	D	O	U	B	L	E															33.6	C 2000 8
7.2	5.9	6.3	6.2	5.8	5.2	4.1	7.2															
	W	H	E	N																	17.5	C 2000 6
15.2	5.4	4.7	4.1	3.4	15.2																	
	W	O	R	K	E	R	S														30.3	C 2000 6
8.9	5.3	4.7	4.4	4.4	4.1	4.1	3.4	8.9														
	P	R	E	S	E	N	T														28.4	C 2000 6
9.8	4.6	4.4	3.8	4.4	4.1	4.2	3.1	9.8														

C:\DGN\Fines_DoubleSISDC001.DGN

SHEET 5

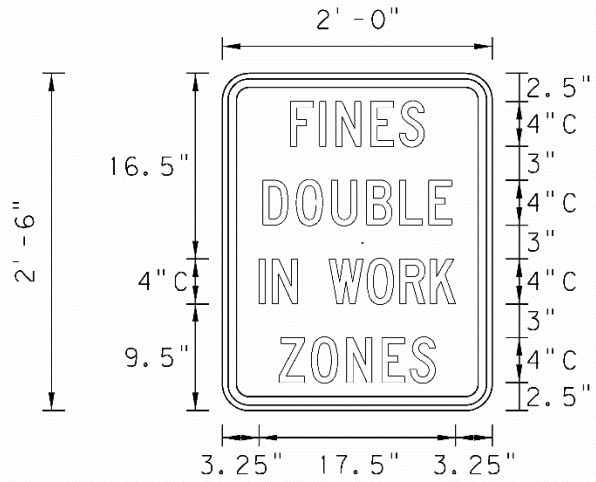
2:57:37 PM
11/6/2017
u7571

MONTANA
MDT
DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



REDUCTION 10% ☐ 20% ☐ 30% ☒

30% SPACE REDUCTION FOR "IN WORK" ONLY

Panel Style:
Dimensions are in inches. tenths

SIGN NAME: FINES DOUBLE IN WORK ZONES

SHT ALUM ☒
ALUM INCR ☐

SIGN DETAIL 1:8

SIGN NUMBER	R2-15
WIDTH x HGHT.	2'-0" x 2'-6"
MARGIN	0.5"
BORDER WIDTH	0.75"
CORNER RADIUS	1.88"
SQ. FEET	5.0 Sq.Ft.
MOUNTING	Ground
TYPE: BACKGROUND COLOR:	Reflective Type XI White
TYPE: LEGEND/BORDER COLOR:	Non Reflective Black/Black

DESIGNED: SDR	DATE: 11-17
CHECKED: NJT	DATE: 11-17

Stations:

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)																					LENGTH	SERIES SIZE
	F	I	N	E	S																11.9	C 2000 4
6	2.6	1.4	3.1	2.5	2.2	6																
	D	O	U	B	L	E															16.8	C 2000 4
3.6	3	3.2	3.1	2.9	2.6	2	3.6															
	I	N		W	O	R	K														17.5	C 2000 4
3.3	1.2	2.2	2.8	3.4	2.9	2.7	2.2	3.3														
	Z	O	N	E	S																13.9	C 2000 4
5.1	2.8	3.2	3.1	2.5	2.2	5.1																

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SHEET 6

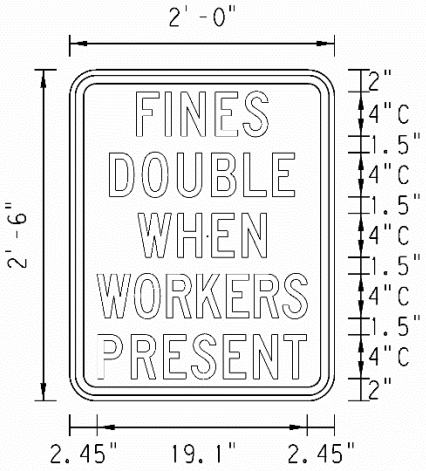
2:57:47 PM
11/6/2017
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MONTANA
DEPARTMENT OF TRANSPORTATION

SIGN DESIGN CALCULATIONS

PROJ. NO. _____

PROJ. TITLE _____



REDUCTION

30% SPACE REDUCTION FOR "WORKERS" ONLY 10% ☐ 20% ☐ 30% ☒

Panel Style:
Dimensions are in inches. tenths

SIGN NAME: FINES DOUBLE WHEN WORKERS PRESENT

SHT ALUM ☒
ALUM INCR ☐

SIGN DETAIL
1:8

SIGN NUMBER	R2-15a
WIDTH x HGHT.	2'-0" x 2'-6"
MARGIN	0.5"
BORDER WIDTH	0.75"
CORNER RADIUS	1.88"
SQ. FEET	5.0 Sq.Ft.
MOUNTING	Ground
BACKGROUND TYPE:	Reflective Type XI
BACKGROUND COLOR:	White
LEGEND/BORDER TYPE:	Reflective
LEGEND/BORDER COLOR:	Black/Black

Stations:

DESIGNED:	SDR	DATE:	11-17
CHECKED:	NJT	DATE:	11-17

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)

																					LENGTH	SERIES SIZE
	F	I	N	E	S																11.9	C 2000 4
6	2.6	1.4	3.1	2.5	2.2	6																
	D	O	U	B	L	E															16.8	C 2000 4
3.6	3	3.2	3.1	2.9	2.6	2	3.6															
	W	H	E	N																	11.7	C 2000 4
6.2	3.6	3.1	2.7	2.2	6.2																	
	W	O	R	K	E	R	S														19.1	C 2000 4
2.5	3.4	2.9	2.7	2.7	2.5	2.6	2.2	2.5														
	P	R	E	S	E	N	T														19	C 2000 4
2.5	3	2.9	2.5	2.9	2.7	2.8	2	2.5														