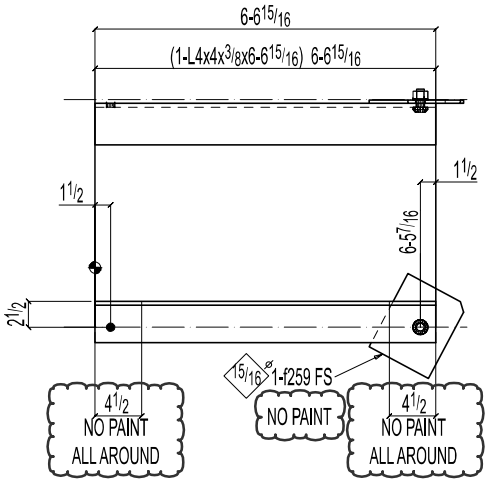


ONE VERTICAL BRACE 34VB1

SHOP NOTE:
TOE DIRECTION NEAR SIDE
SHOP BOLTS:
1-TC 3/4x1 3/4 A325N

Not reviewed. Could not find piece location on Framing plans or Sections. GC to coordinate

DW: Reviewed (No Comments)

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT
	ONE	VERTICAL BRACE			PS-2		70
34VB1	1	L4x4x3/8	6	6 15/16	.	A36	64
f259	1	FL5/16x8	0	6 1/2	.	A572-50	5
	1	TC 3/4 A325N	0	1 3/4			1
		FIELD BOLTS					
	1	TC 3/4 A325N	0	1 3/4			

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT

GENERAL NOTES

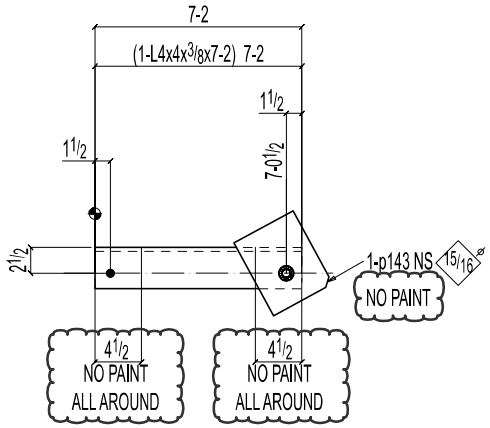
- HAND TIGHT SHOP BOLTS U.N.O.
- MARK CENTER OF GRAVITY
- WELDS LOW HYD. E70XX
- STD HOLES 13/16 DIA U.N.O.
- PRE-HEAT PER AWS D1.1
- WELD WASHER ON THE OPPOSITE SIDE OF THIS ARROW

REV	DESCRIPTION	DATE
A	ISSUED FOR APPROVAL	Aug 8 2024

NORGATE
791 8ieme Rue Est
La Guadeloupe, Qc
P:418.459.6988
F:418.459.3493

PROJECT
CONSENTINO
MIDDLE SCHOOL
HAVERHILL, MA

DRAWN	DSOL	PRJ No	S24-859	SEQ	34
CHECK	SG	REV	A		34VB1



ONE VERTICAL BRACE 34VB2

SHOP NOTE:
TOE DIRECTION FAR SIDE

SHOP BOLTS:
1-TC 3/4x1 3/4 A325N

Not reviewed. Could not find piece location on Framing plans or Sections. GC to coordinate

DW: Reviewed (No Comments)

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT
	ONE	VERTICAL BRACE			PS-2		75
34VB2	1	L4x4x3/8	7	2	.	A36	70
p143	1	FL5/16x8	0	6 1/2	.	A572-50	5
	1	TC 3/4 A325N	0	1 3/4			1
		FIELD BOLTS					
	1	TC 3/4 A325N	0	1 3/4			

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT

GENERAL NOTES

- HAND TIGHT SHOP BOLTS U.N.O.
- MARK CENTER OF GRAVITY
- WELDS LOW HYD. E70XX
- STD HOLES 13/16 DIA U.N.O.
- PRE-HEAT PER AWS D1.1
- WELD WASHER ON THE OPPOSITE SIDE OF THIS ARROW

REV	DESCRIPTION	DATE
A	ISSUED FOR APPROVAL	Aug 8 2024

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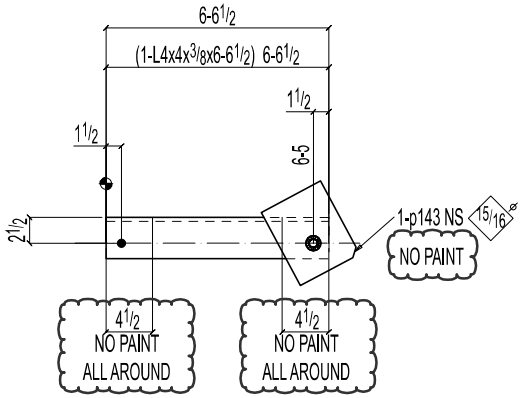
PROJECT
CONSENTINO
MIDDLE SCHOOL
HAVERHILL, MA

DRAWN DSOL | PRJ No S24-859 | SEQ 34
CHECK SG | REV A
34VB2



ONE VERTICAL BRACE 34VB3

SHOP NOTE:
TOE DIRECTION FAR SIDE
SHOP BOLTS:
1-TC 3/4x1 3/4 A325N

Not reviewed. Could not find piece location on Framing plans or Sections. GC to coordinate

DW: Reviewed (No Comments)

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT
	ONE	VERTICAL BRACE			PS-2		69
34VB3	1	L4x4x3/8	6	6 1/2	.	A36	64
p143	1	FL5/16x8	0	6 1/2	.	A572-50	5
	1	TC 3/4 A325N	0	1 3/4			1
		FIELD BOLTS					
	1	TC 3/4 A325N	0	1 3/4			

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT

GENERAL NOTES

- HAND TIGHT SHOP BOLTS U.N.O.
- MARK CENTER OF GRAVITY
- WELDS LOW HYD. E70XX
- STD HOLES 13/16 DIA U.N.O.
- PRE-HEAT PER AWS D1.1
- WELD WASHER ON THE OPPOSITE SIDE OF THIS ARROW

REV	DESCRIPTION	DATE
A	ISSUED FOR APPROVAL	Aug 8 2024

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PROJECT
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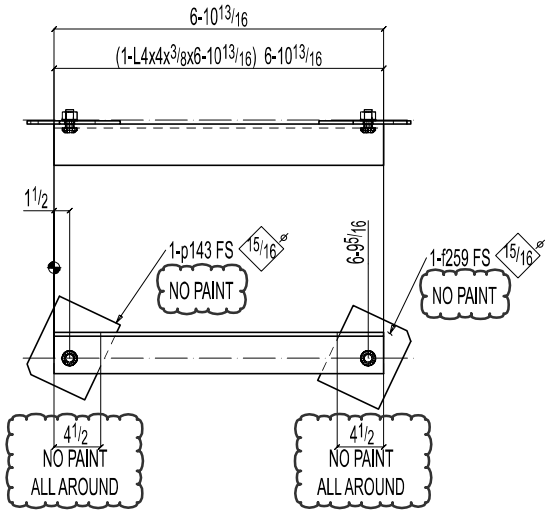
MIDDLE SCHOOL
HAVERHILL, MA

DRAWN	DSOL	PRJ No	S24-859	SEQ	34
CHECK	SG	REV	A		34VB3



ONE VERTICAL BRACE 34VB4

SHOP NOTE:
TOE DIRECTION NEAR SIDE
SHOP BOLTS:
2-TC 3/4x13/4 A325N

Not reviewed. Could not find piece location on Framing plans or Sections. GC to coordinate

DW: Reviewed (No Comments)

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT
	ONE	VERTICAL BRACE			PS-2		78
34VB4	1	L4x4x3/8	6	10 13/16	.	A36	68
p143	1	FL5/16x8	0	6 1/2	.	A572-50	5
f259	1	FL5/16x8	0	6 1/2	.	A572-50	5
	2	TC 3/4 A325N	0	1 3/4			1

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT

GENERAL NOTES

- HAND TIGHT SHOP BOLTS U.N.O.
- MARK CENTER OF GRAVITY
- WELDS LOW HYD. E70XX
- STD HOLES 13/16 DIA U.N.O.
- PRE-HEAT PER AWS D1.1
- WELD WASHER ON THE OPPOSITE SIDE OF THIS ARROW

REV	DESCRIPTION	DATE
A	ISSUED FOR APPROVAL	Aug 8 2024

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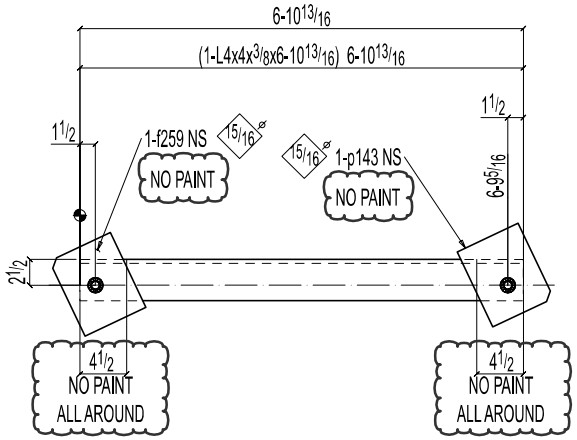
PROJECT
CONSENTINO
MIDDLE SCHOOL
HAVERHILL, MA

DRAWN	DSOL	PRJ No	S24-859	SEQ	34
CHECK	SG	REV	A		34VB4



ONE VERTICAL BRACE 34VB5

SHOP NOTE:
TOE DIRECTION FAR SIDE
SHOP BOLTS:
2-TC 3/4x1 3/4 A325N

Not reviewed. Could not find piece location on Framing plans or Sections. GC to coordinate

DW: Reviewed (No Comments)

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT
	ONE	VERTICAL BRACE			PS-2		78
34VB5	1	L4x4x3/8	6	10 13/16	.	A36	68
p143	1	FL5/16x8	0	6 1/2	.	A572-50	5
f259	1	FL5/16x8	0	6 1/2	.	A572-50	5
	2	TC 3/4 A325N	0	1 3/4			1

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT

GENERAL NOTES

- HAND TIGHT SHOP BOLTS U.N.O.
- MARK CENTER OF GRAVITY
- WELDS LOW HYD. E70XX
- STD HOLES 13/16 DIA U.N.O.
- PRE-HEAT PER AWS D1.1
- WELD WASHER ON THE OPPOSITE SIDE OF THIS ARROW

REV	DESCRIPTION	DATE
A	ISSUED FOR APPROVAL	Aug 8 2024

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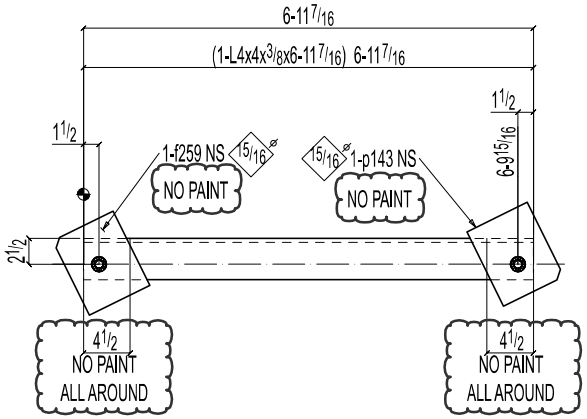
PROJECT
CONSENTINO
MIDDLE SCHOOL
HAVERHILL, MA

DRAWN	DSOL	PRJ No	S24-859	SEQ	34
CHECK	SG	REV	A		34VB5



ONE VERTICAL BRACE 34VB6

SHOP NOTE:
TOE DIRECTION FAR SIDE
SHOP BOLTS:
2-TC 3/4x13/4 A325N

DW: Reviewed (No Comments)

Not reviewed. Could not find piece location on Framing plans or Sections. GC to coordinate

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT
	ONE	VERTICAL BRACE			PS-2		78
34VB6	1	L4x4x3/8	6	11 7/16	.	A36	68
p143	1	FL5/16x8	0	6 1/2	.	A572-50	5
f259	1	FL5/16x8	0	6 1/2	.	A572-50	5
	2	TC 3/4 A325N	0	1 3/4			1

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT

GENERAL NOTES

- HAND TIGHT SHOP BOLTS U.N.O.
- MARK CENTER OF GRAVITY
- WELDS LOW HYD. E70XX
- STD HOLES 13/16 DIA U.N.O.
- PRE-HEAT PER AWS D1.1
- WELD WASHER ON THE OPPOSITE SIDE OF THIS ARROW

REV	DESCRIPTION	DATE
A	ISSUED FOR APPROVAL	Aug 8 2024

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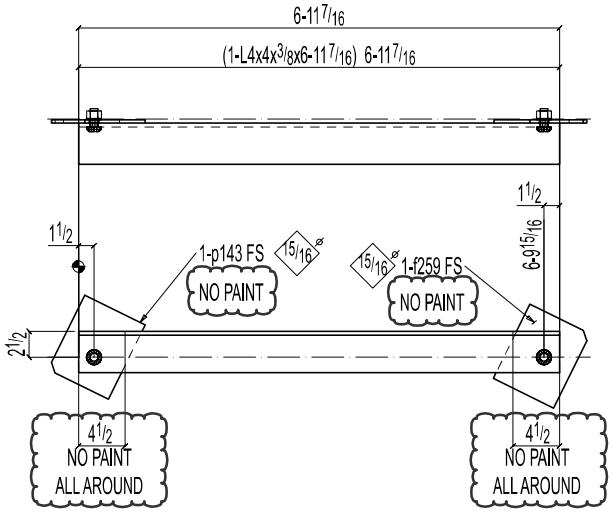
PROJECT
CONSENTINO
MIDDLE SCHOOL
HAVERHILL, MA

DRAWN	DSOL	PRJ No	S24-859	SEQ	34
CHECK	SG	REV	A		34VB6



ONE VERTICAL BRACE 34VB7

SHOP NOTE:
TOE DIRECTION NEAR SIDE

SHOP BOLTS:
2-TC 3/4x1 3/4 A325N

Not reviewed. Could not find piece location on Framing plans or Sections. GC to coordinate

DW: Reviewed (No Comments)

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT
	ONE	VERTICAL BRACE			PS-2		78
34VB7	1	L4x4x3/8	6	11 7/16	.	A36	68
p143	1	FL5/16x8	0	6 1/2	.	A572-50	5
f259	1	FL5/16x8	0	6 1/2	.	A572-50	5
	2	TC 3/4 A325N	0	1 3/4			1

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT

GENERAL NOTES

- HAND TIGHT SHOP BOLTS U.N.O.
- MARK CENTER OF GRAVITY
- WELDS LOW HYD. E70XX
- STD HOLES 13/16 DIA U.N.O.
- PRE-HEAT PER AWS D1.1
- WELD WASHER ON THE OPPOSITE SIDE OF THIS ARROW

REV	DESCRIPTION	DATE
A	ISSUED FOR APPROVAL	Aug 8 2024

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PROJECT
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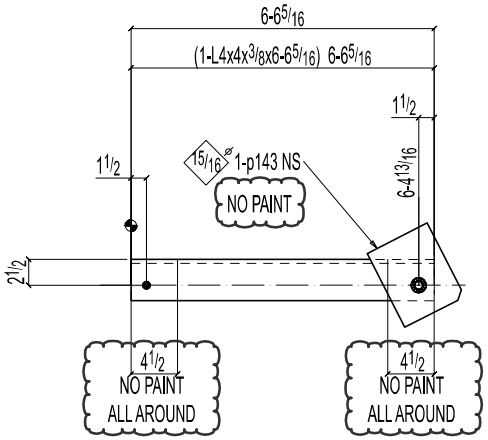
MIDDLE SCHOOL
HAVERHILL, MA

DRAWN	DSOL	PRJ No	S24-859	SEQ	34
CHECK	SG	REV	A		34VB7



ONE VERTICAL BRACE 34VB8

SHOP NOTE:
TOE DIRECTION FAR SIDE
SHOP BOLTS:
1-TC 3/4x13/4 A325N

DW: Reviewed (No Comments)

Not reviewed. Could not find piece location on Framing plans or Sections. GC to coordinate

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT
	ONE	VERTICAL BRACE			PS-2		69
34VB8	1	L4x4x3/8	6	6 5/16	.	A36	64
p143	1	FL5/16x8	0	6 1/2	.	A572-50	5
	1	TC 3/4 A325N	0	1 3/4			1
		FIELD BOLTS					
	1	TC 3/4 A325N	0	1 3/4			

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT

GENERAL NOTES

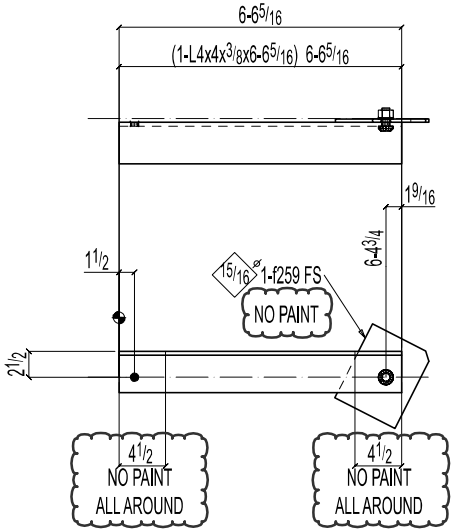
- HAND TIGHT SHOP BOLTS U.N.O.
- MARK CENTER OF GRAVITY
- WELDS LOW HYD. E70XX
- STD HOLES 13/16 DIA U.N.O.
- PRE-HEAT PER AWS D1.1
- WELD WASHER ON THE OPPOSITE SIDE OF THIS ARROW

REV	DESCRIPTION	DATE
A	ISSUED FOR APPROVAL	Aug 8 2024

NORGATE
791 8ieme Rue Est
La Guadeloupe, Qc
P:418.459.6988
F:418.459.3493

PROJECT
CONSENTINO
MIDDLE SCHOOL
HAVERHILL, MA

DRAWN	DSOL	PRJ No	S24-859	SEQ	34
CHECK	SG	REV	A		34VB8



ONE VERTICAL BRACE 34VB9

SHOP NOTE:
TOE DIRECTION NEAR SIDE
SHOP BOLTS:
1-TC 3/4x1 3/4 A325N

DW: Reviewed (No Comments)

Not reviewed. Could not find piece location on Framing plans or Sections. GC to coordinate

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT
	ONE	VERTICAL BRACE			PS-2		69
34VB9	1	L4x4x3/8	6	5/16	.	A36	64
f259	1	FL5/16x8	0	1/2	.	A572-50	5
	1	TC 3/4 A325N	0	1 3/4			1
		FIELD BOLTS					
	1	TC 3/4 A325N	0	1 3/4			

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT

GENERAL NOTES

- HAND TIGHT SHOP BOLTS U.N.O.
- MARK CENTER OF GRAVITY
- WELDS LOW HYD. E70XX
- STD HOLES 13/16 DIA U.N.O.
- PRE-HEAT PER AWS D1.1
- WELD WASHER ON THE OPPOSITE SIDE OF THIS ARROW

REV	DESCRIPTION	DATE
A	ISSUED FOR APPROVAL	Aug 8 2024

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PROJECT
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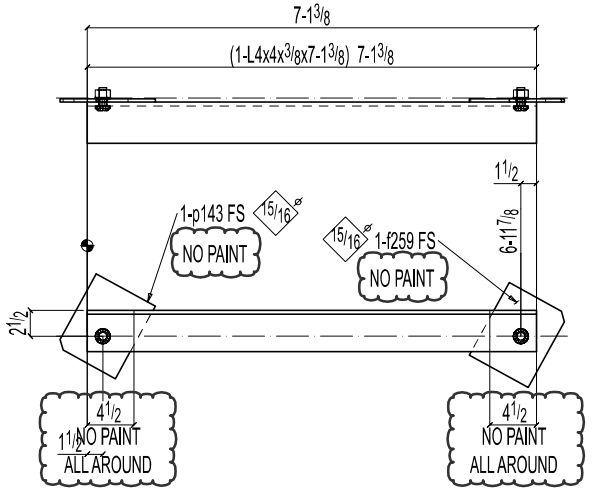
MIDDLE SCHOOL
HAVERHILL, MA

DRAWN	DSOL	PRJ No	S24-859	SEQ	34
CHECK	SG	REV	A		34VB9



ONE VERTICAL BRACE 34VB11

SHOP NOTE:
TOE DIRECTION NEAR SIDE

SHOP BOLTS:
2-TC 3/4x13/4 A325N

DW: Reviewed (No Comments)

Not reviewed. Could not find piece location on Framing plans or Sections. GC to coordinate

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT
	ONE	VERTICAL BRACE			PS-2		80
34VB11	1	L4x4x3/8	7	13/8	.	A36	70
p143	1	FL5/16x8	0	61/2	.	A572-50	5
f259	1	FL5/16x8	0	61/2	.	A572-50	5
	2	TC 3/4 A325N	0	13/4			1

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT

GENERAL NOTES

- HAND TIGHT SHOP BOLTS U.N.O.
- MARK CENTER OF GRAVITY
- WELDS LOW HYD. E70XX
- STD HOLES 13/16 DIA U.N.O.
- PRE-HEAT PER AWS D1.1
- WELD WASHER ON THE OPPOSITE SIDE OF THIS ARROW

REV	DESCRIPTION	DATE
A	ISSUED FOR APPROVAL	Aug 8 2024

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PROJECT
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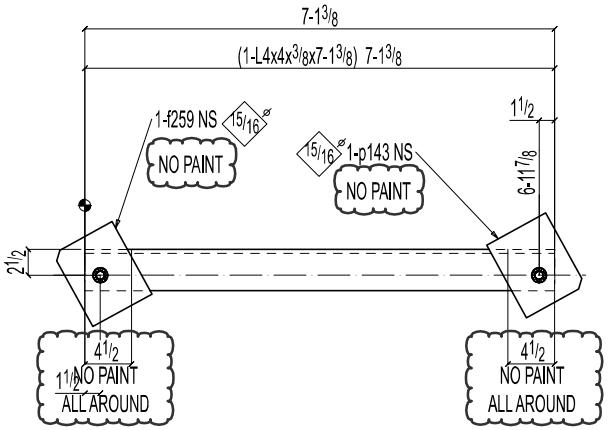
MIDDLE SCHOOL
HAVERHILL, MA

DRAWN	DSOL	PRJ No	S24-859	SEQ	34
CHECK	SG	REV	A		34VB11



ONE VERTICAL BRACE 34VB12

SHOP NOTE:
TOE DIRECTION FAR SIDE
SHOP BOLTS:
2-TC 3/4x13/4 A325N

DW: Reviewed (No Comments)

Not reviewed. Could not find piece location on Framing plans or Sections. GC to coordinate

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT
	ONE	VERTICAL BRACE			PS-2		80
34VB12	1	L4x4x3/8	7	13/8	.	A36	70
p143	1	FL5/16x8	0	61/2	.	A572-50	5
f259	1	FL5/16x8	0	61/2	.	A572-50	5
	2	TC 3/4 A325N	0	13/4			1

MARK	QTY	DESCRIPTION	LENGTH		PAINT	STEEL	WEIGHT

GENERAL NOTES

- HAND TIGHT SHOP BOLTS U.N.O.
- MARK CENTER OF GRAVITY
- WELDS LOW HYD. E70XX
- STD HOLES 13/16 DIA U.N.O.
- PRE-HEAT PER AWS D1.1
- WELD WASHER ON THE OPPOSITE SIDE OF THIS ARROW

REV	DESCRIPTION	DATE
A	ISSUED FOR APPROVAL	Aug 8 2024

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PROJECT
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MIDDLE SCHOOL
HAVERHILL, MA

DRAWN	DSOL	PRJ No	S24-859	SEQ	34
CHECK	SG	REV	A		34VB12