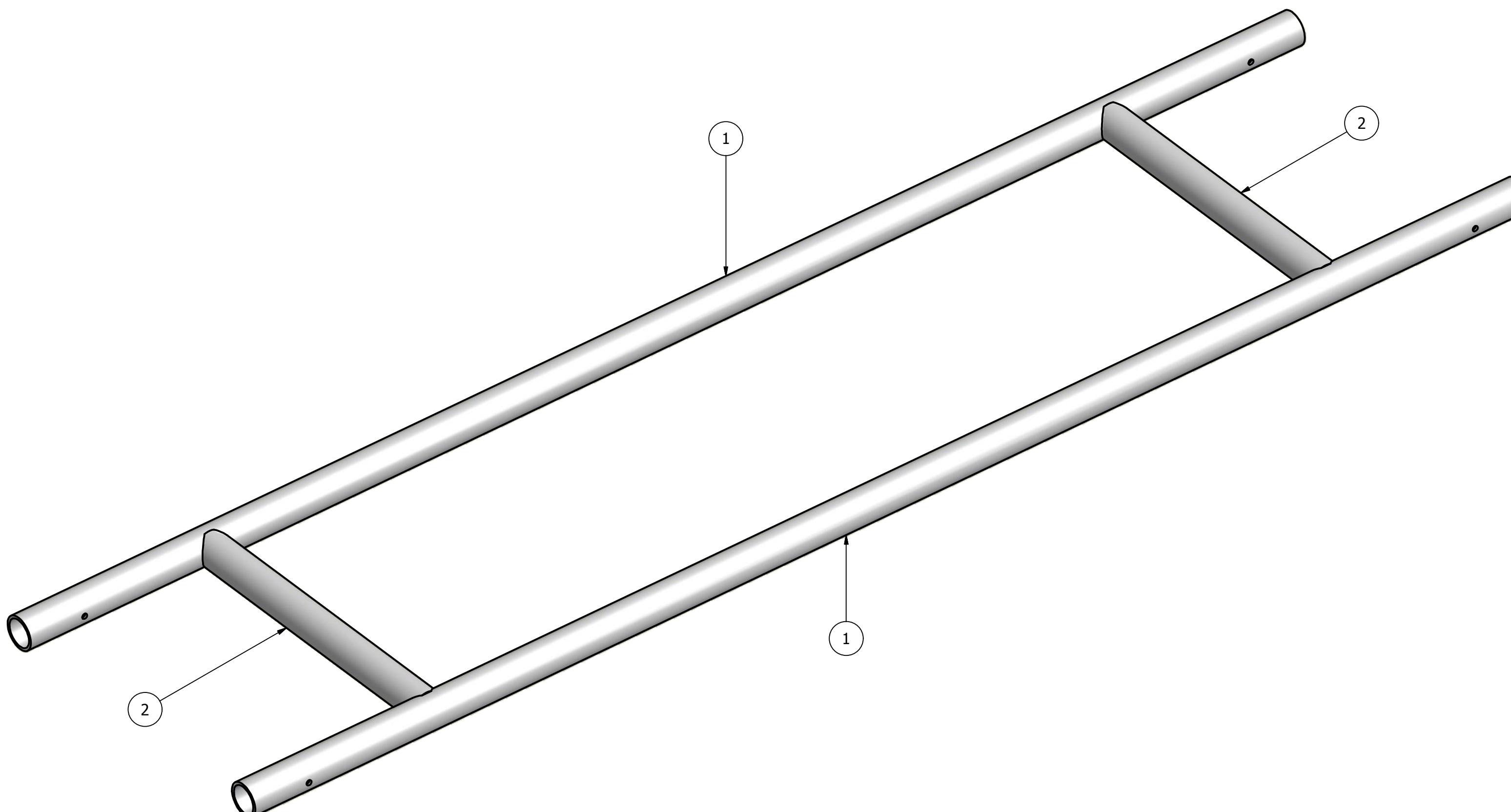


4 3 2 1

D

D



C

C

B

B

A

A

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	FE-00101-01	Long Sides
2	2	FE-00101-02	Short Sides

DRAWN mcyr	10/25/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED			
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)			
FRAC.	+/- 1/32		
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.	SCALE	DWG NO
			FE-00101
		REV	
			SHEET 1 OF 3

4

3

2

1

4

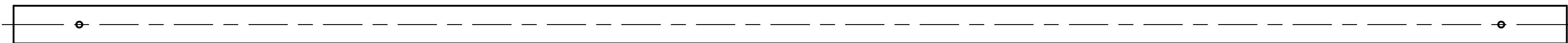
A

A

4 3 2 1

D

D



C

C

9.17 [232.9 mm] 4 Places (46.34 [1177.0 mm])

9.17 [232.9 mm] 4 Places

(46.34 [1177.0 mm])

B

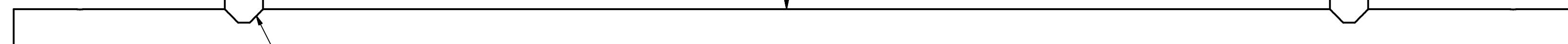
B

90° 4 Places

2

1

2



A

A

3/16 4 Places

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	FE-00101-01	Long Sides
2	2	FE-00101-02	Short Sides

DRAWN mcyr	10/25/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED				
TOLERANCES: (INCHES)				
FRAC.	+/- 1/32			
.00	+/- .01			
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SCALE	DWG NO	REV
			FE-00101	
				SHEET 2 OF 3

4 3 2 1

A

2 1

A

4

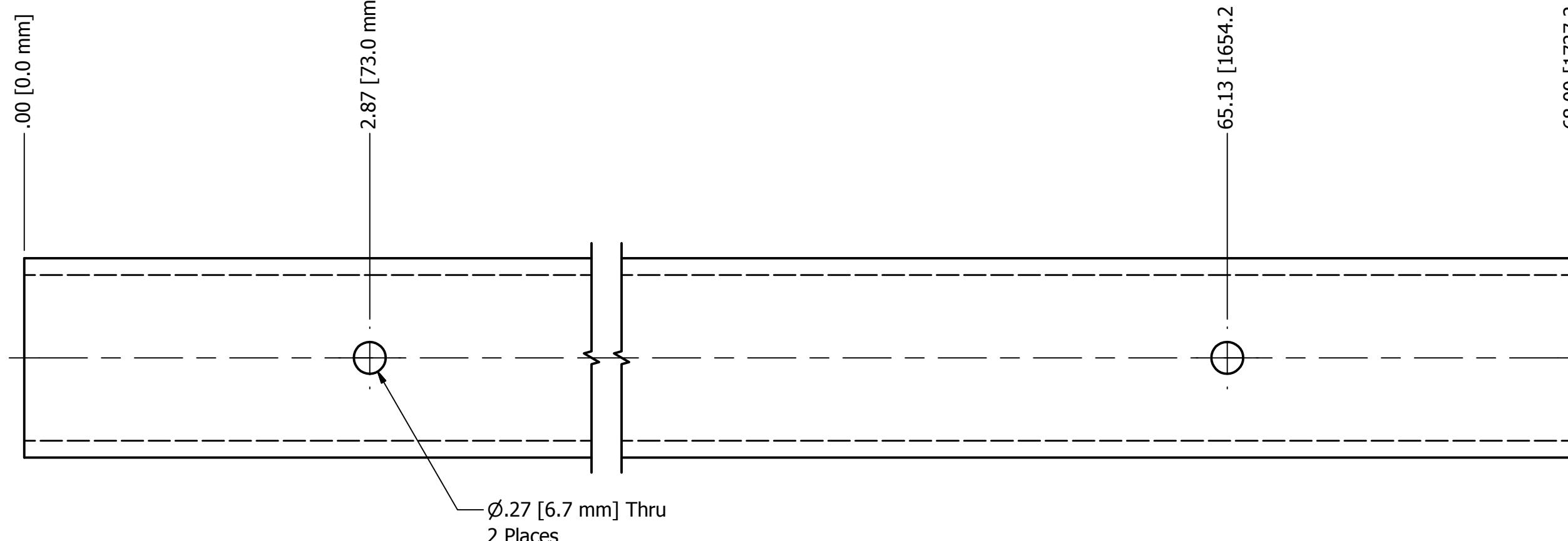
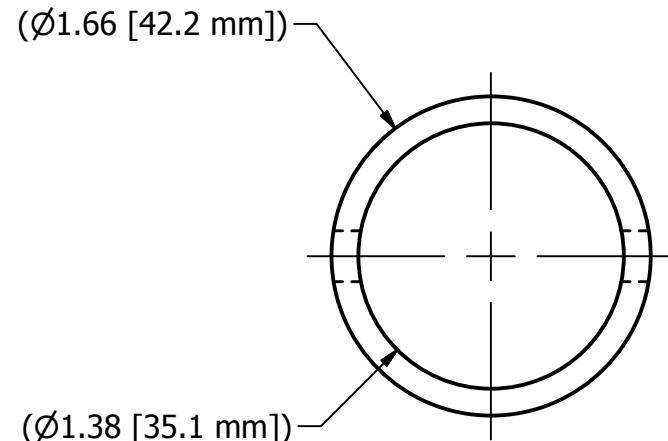
3

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1

D

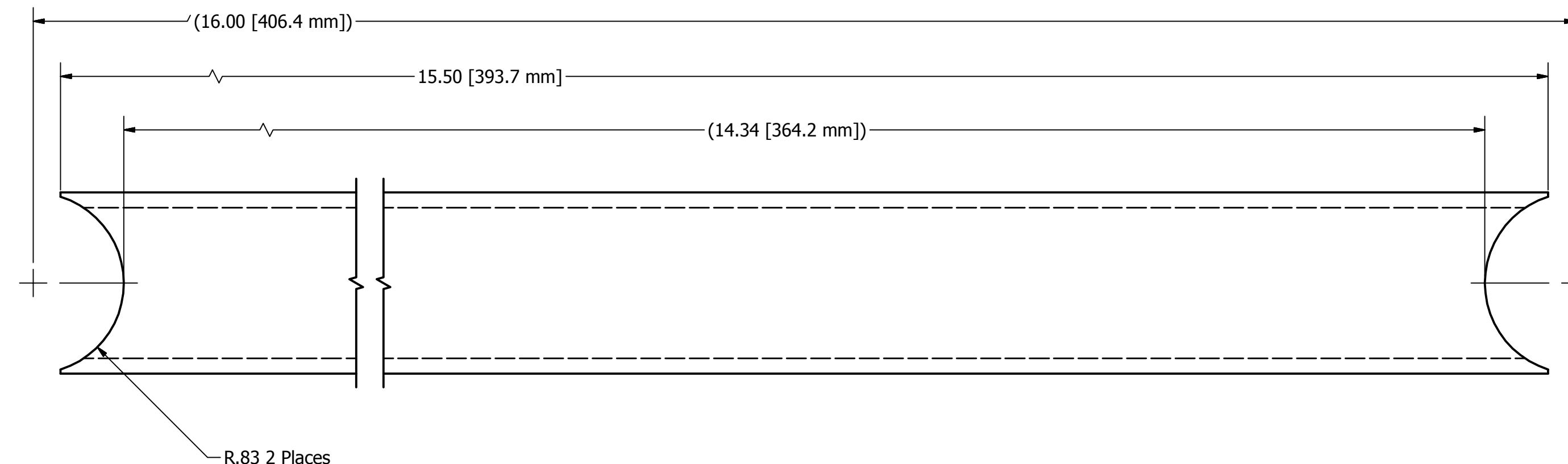
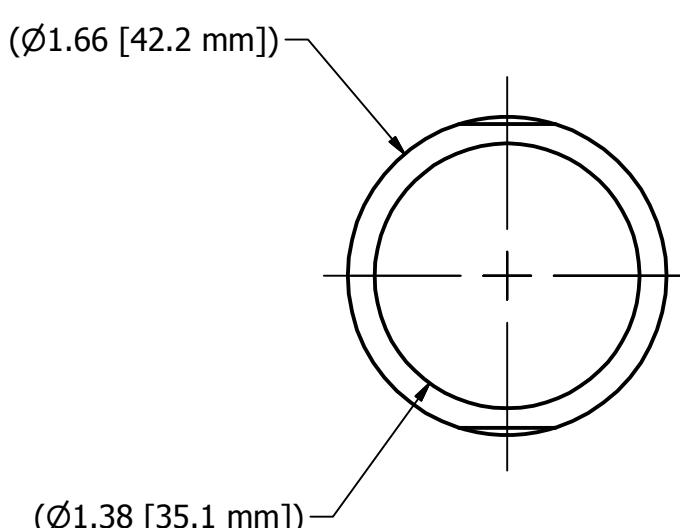
D



**Item:** 1, FE-00101-01, Long Sides  
**Material:** 1-1/4" Schedule 40, 6061-T6 Aluminum  
**Scale:** 1/1  
**QTY:** 2

A

A



**Item:** 2, FE-00101-02, Short Sides  
**Material:** 1-1/4" Schedule 40, 6061-T6 Aluminum  
**Scale:** 1/1  
**QTY:** 2

A

A

DRAWN mcyr	10/25/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>				
FRAC.	+/- 1/32			
.00	+/- .01			
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SCALE	DWG NO	REV
			FE-00101	
				SHEET 3 OF 3

4

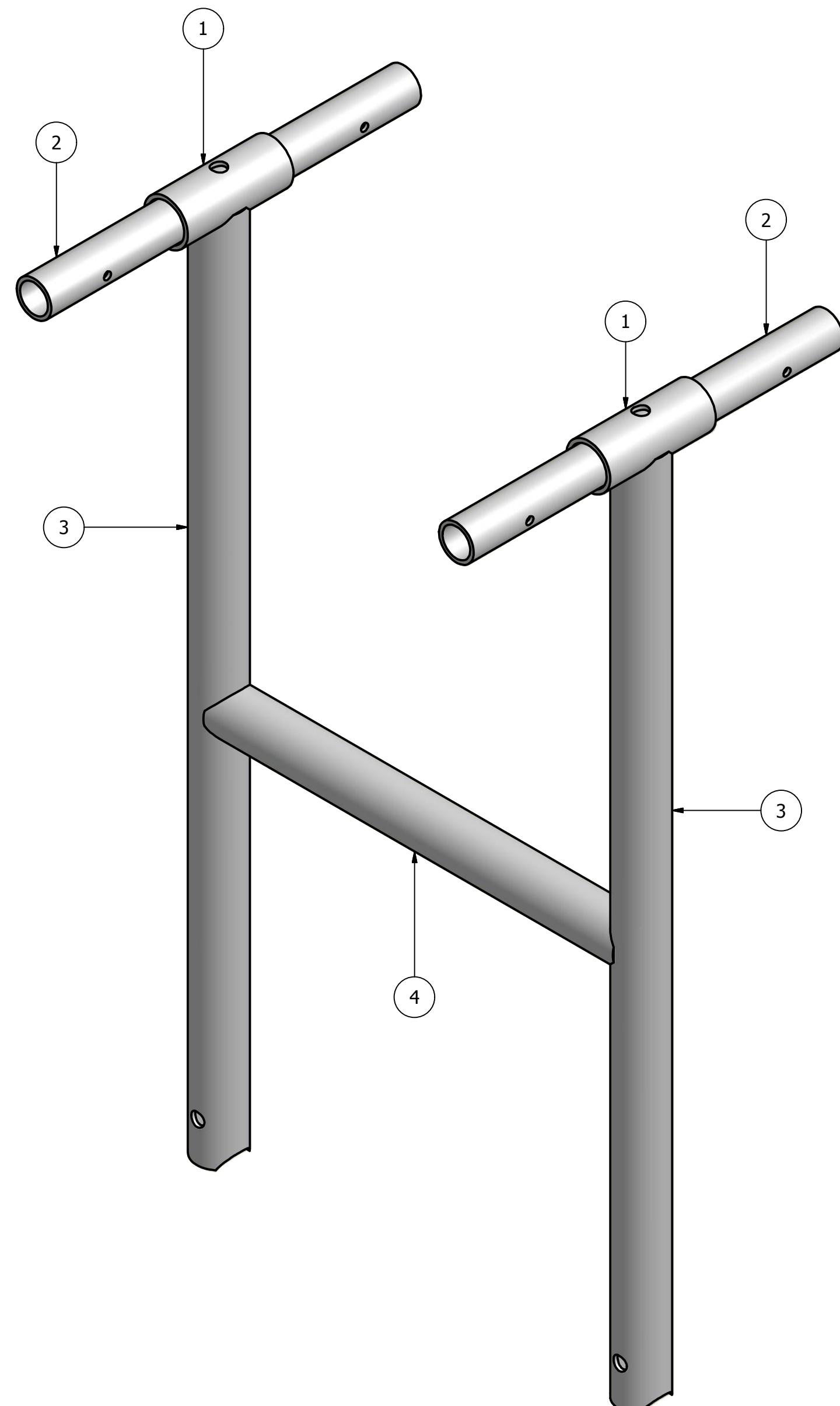
3

2

1

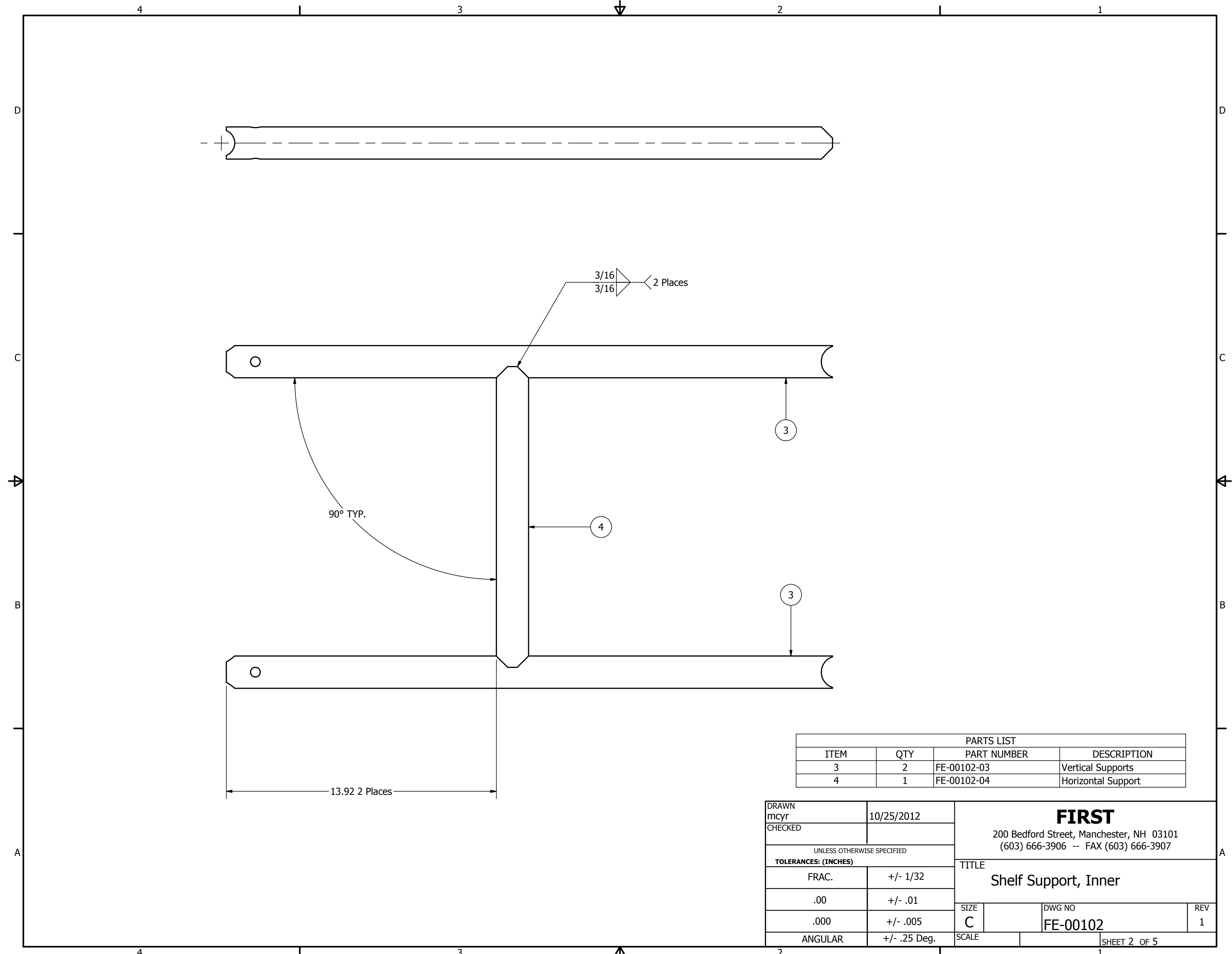
A

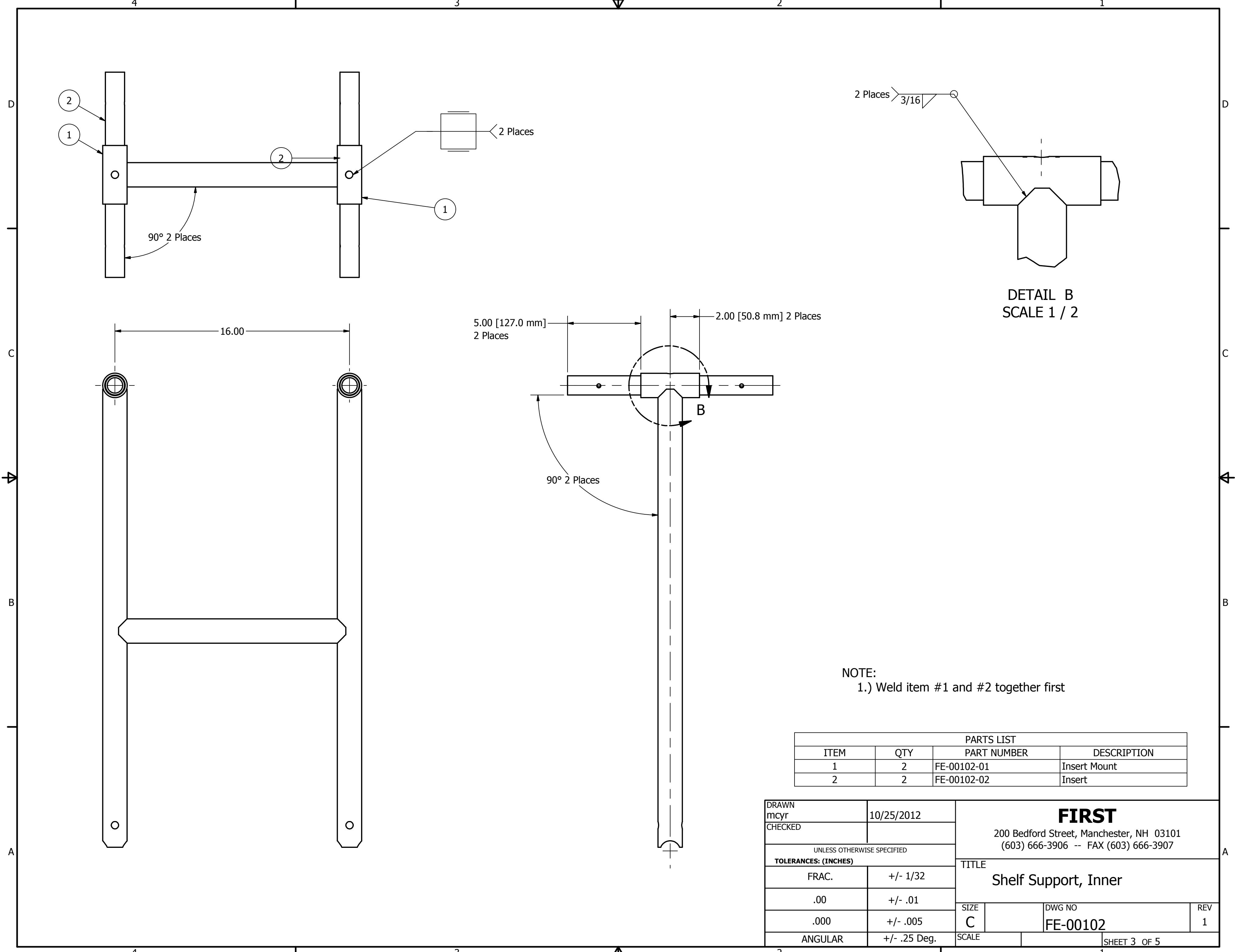
4	3	2	1
REVISION HISTORY			
ZONE B-3	REV 1	DESCRIPTION Changed hole position from 2.87" to 2.13" on sheet 4	DATE 10/29/2012
			APPROVED MLC



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	FE-00102-01	Insert Mount
2	2	FE-00102-02	Insert
3	2	FE-00102-03	Vertical Supports
4	1	FE-00102-04	Horizontal Support

DRAWN mcyr	10/25/2012	<b>FIRST</b>					
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)							
FRAC.	+/- 1/32	TITLE					
.00	+/- .01	Shelf Support, Inner					
.000	+/- .005	SIZE	DWG NO	REV			
ANGULAR	+/- .25 Deg.	C	FE-00102	1			
		SCALE		SHEET 1 OF 5			





4

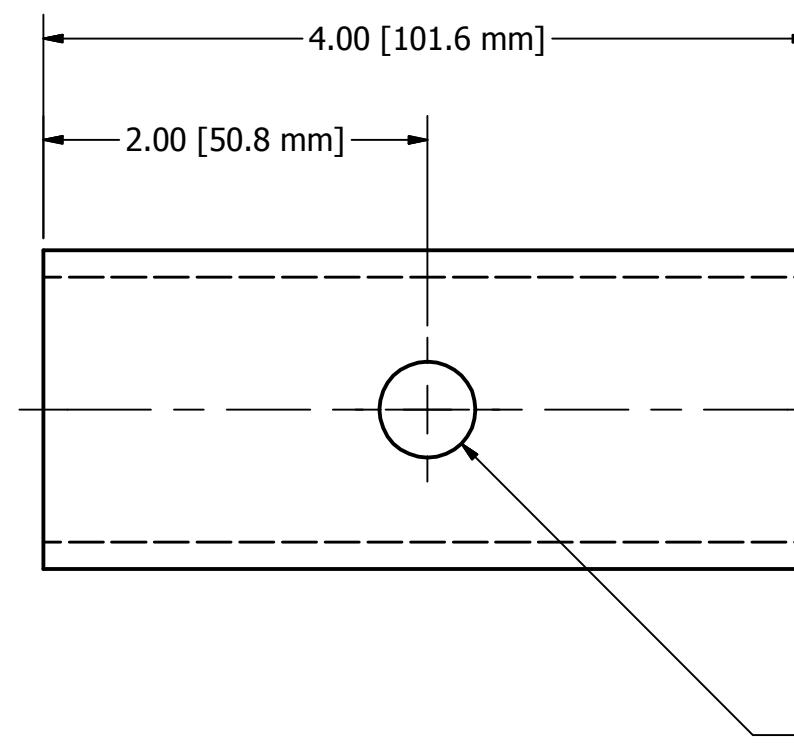
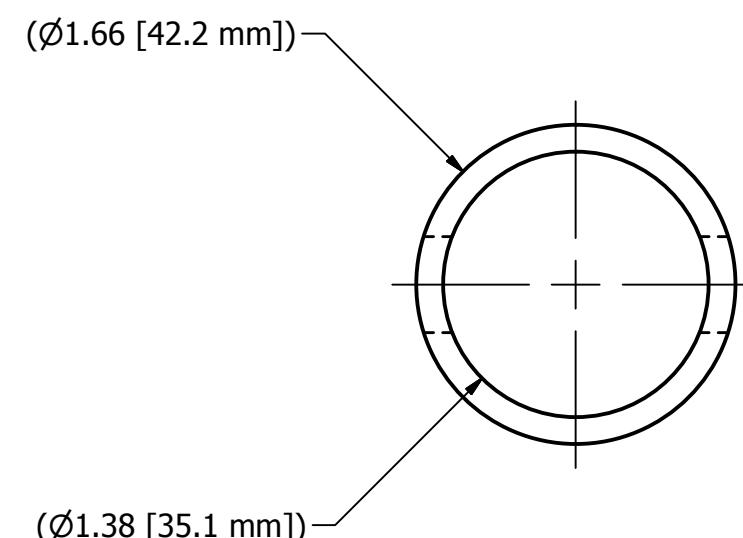
3

2

1

D

D



C

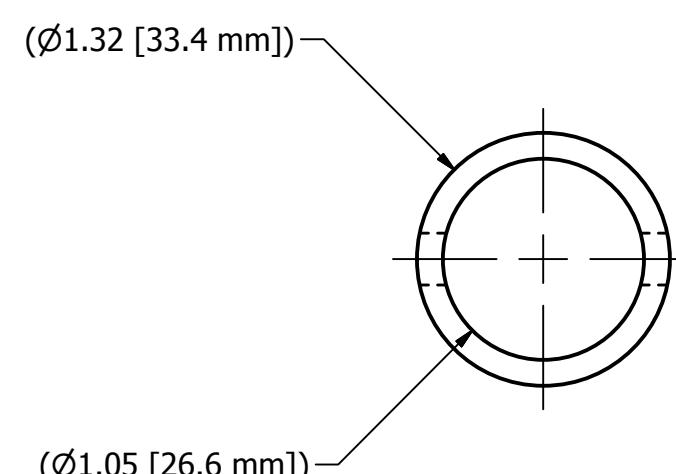
C

A

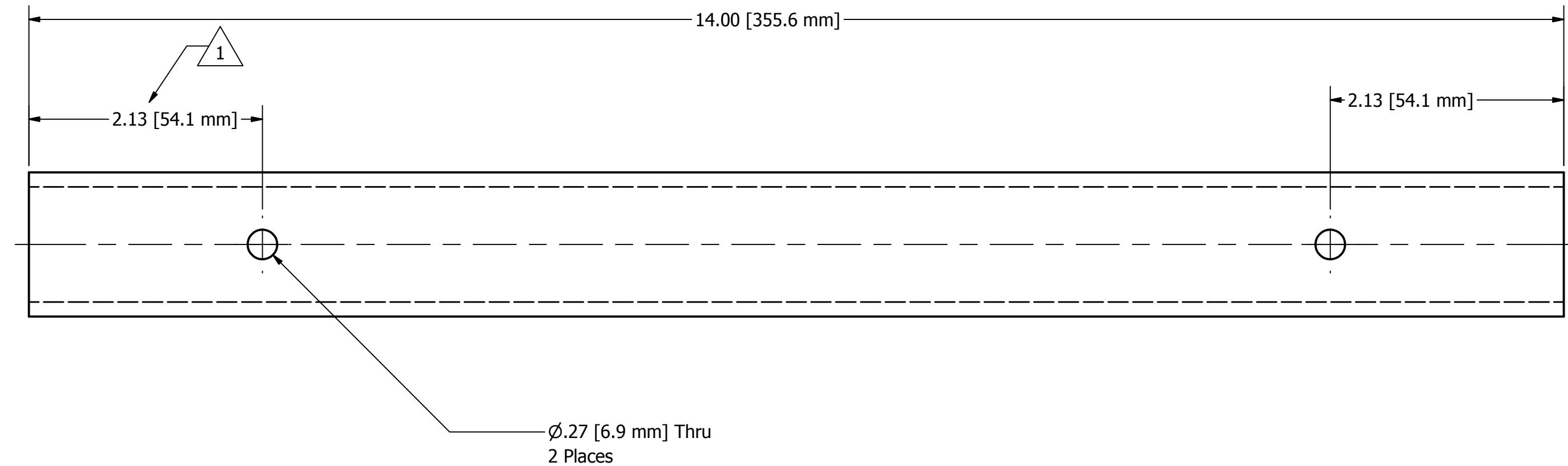
A

B

B



**Item:** 1, FE-00101-01, Insert Mount  
**Material:** 1-1/4" Schedule 40, 6061-T6 Aluminum  
**Scale:** 1/1  
**QTY:** 2



**Item:** 2, FE-00103-02, Insert  
**Material:** 1" Schedule 40, 6061-T6 Aluminum  
**Scale:** 1/1  
**QTY:** 2

DRAWN mcyr	10/25/2012	<b>FIRST</b>		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		<b>TITLE</b>		
FRAC.	+/- 1/32	Shelf Support, Inner		
.00	+/- .01	SIZE	DWG NO	REV
.000	+/- .005	C	FE-00102	1
ANGULAR	+/- .25 Deg.	SCALE		SHEET 4 OF 5

4

3

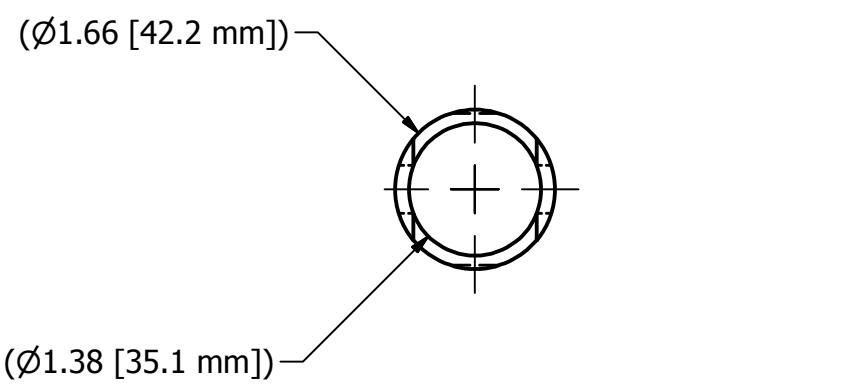
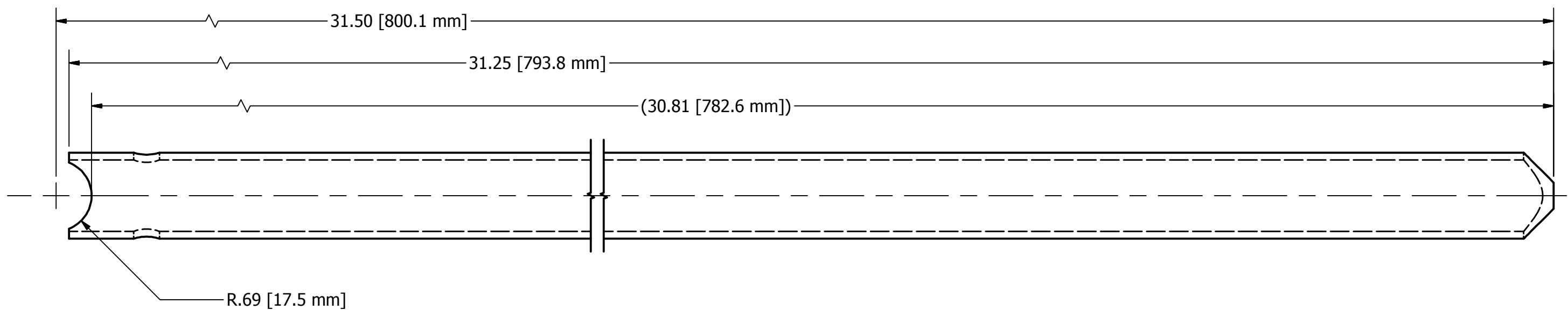
2

1

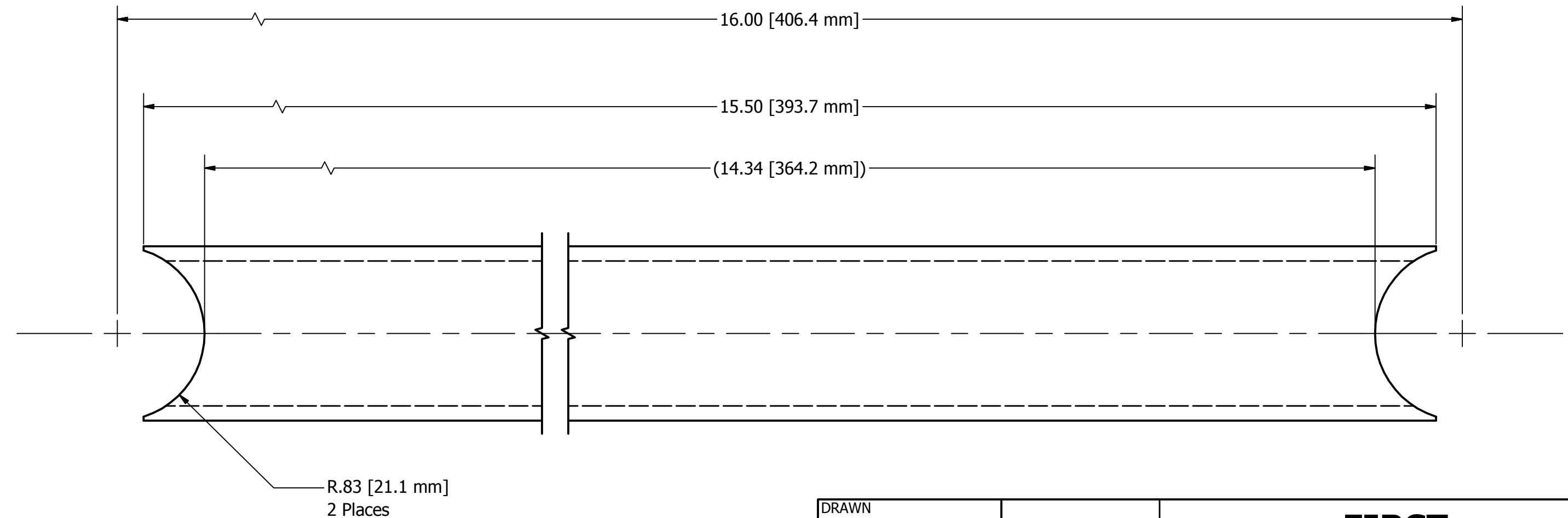
A

A

4 3 2 1



**Item:** 3, FE-00103-03, Vertical Support  
**Material:** 1-1/4" Schedule 40, 6061-T6 Aluminum  
**Scale:** 1/2  
**QTY:** 2

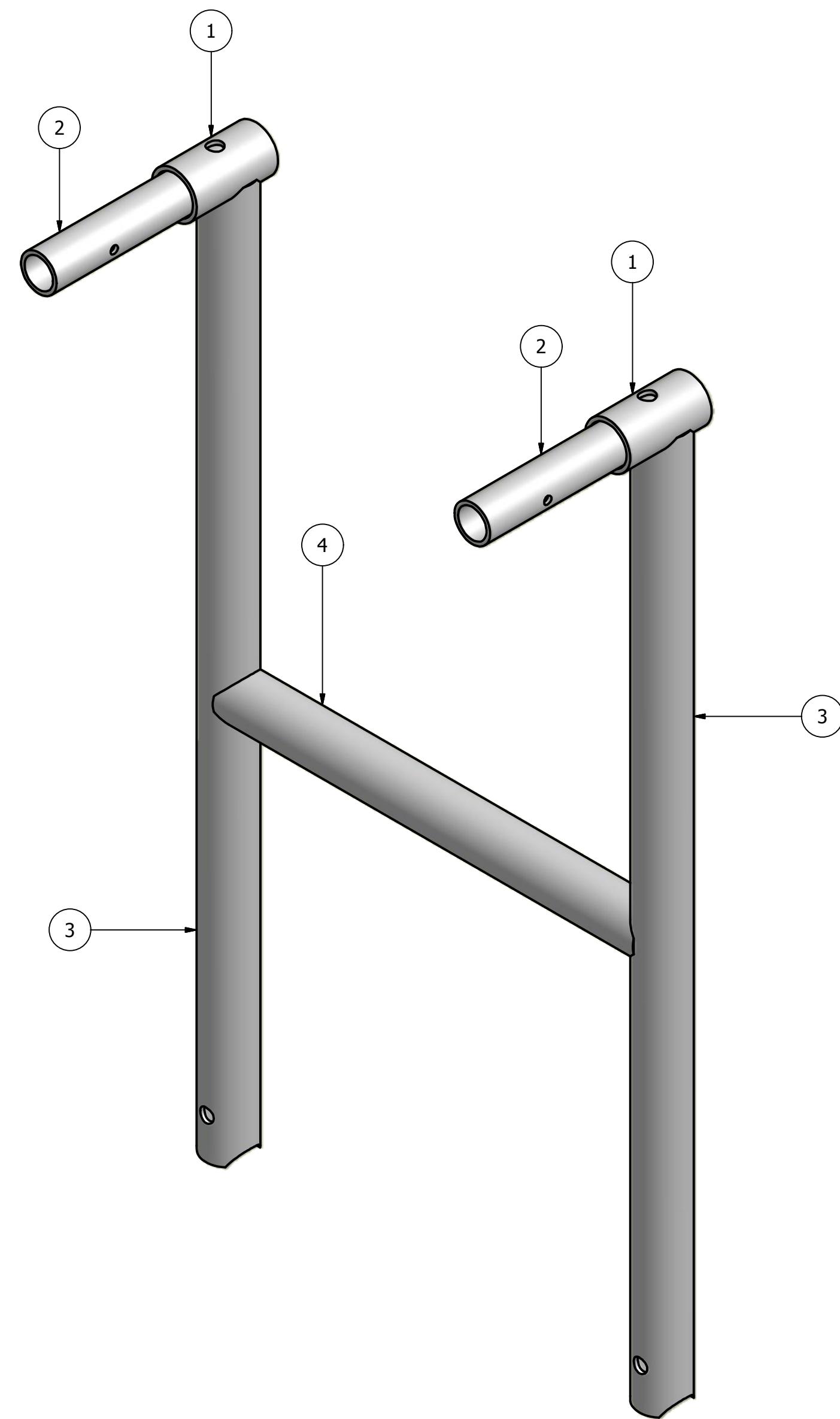


**Item:** 4, FE-00103-04, Horizontal Support  
**Material:** 1-1/4" Schedule 40, 6061-T6 Aluminum  
**Scale:** 1/1  
**QTY:** 1

DRAWN mcyr	10/25/2012	<b>FIRST</b>		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		TITLE		
FRAC.	+/- 1/32	Shelf Support, Inner		
.00	+/- .01	SIZE		
.000	+/- .005	DWG NO		
ANGULAR	+/- .25 Deg.	SCALE		REV 1
			FE-00102	
			SHEET 5 OF 5	

4 3 2 1

4	3	2	1
REVISION HISTORY			
ZONE	REV	DESCRIPTION	
B-3	1	Changed hole position from 2.87" to 2.13" on sheet 4	
DATE		APPROVED	
10/29/2012		MLC	



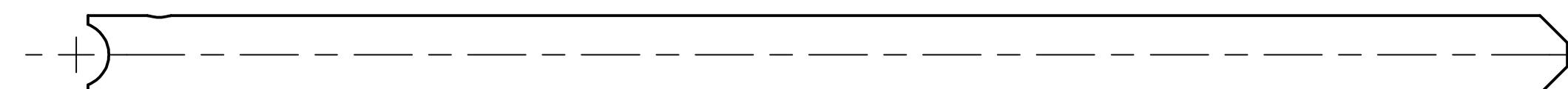
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	FE-00103-01	Insert Mount
2	2	FE-00103-02	Insert
3	2	FE-00103-03	Vertical Support
4	1	FE-00103-04	Horizontal Support

DRAWN mcyr	10/25/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED			
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)		SCALE	REV
FRAC.	+/- 1/32	C	1
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.		
DWG NO			SHEET 1 OF 5
FE-00103			

4 3 2 1

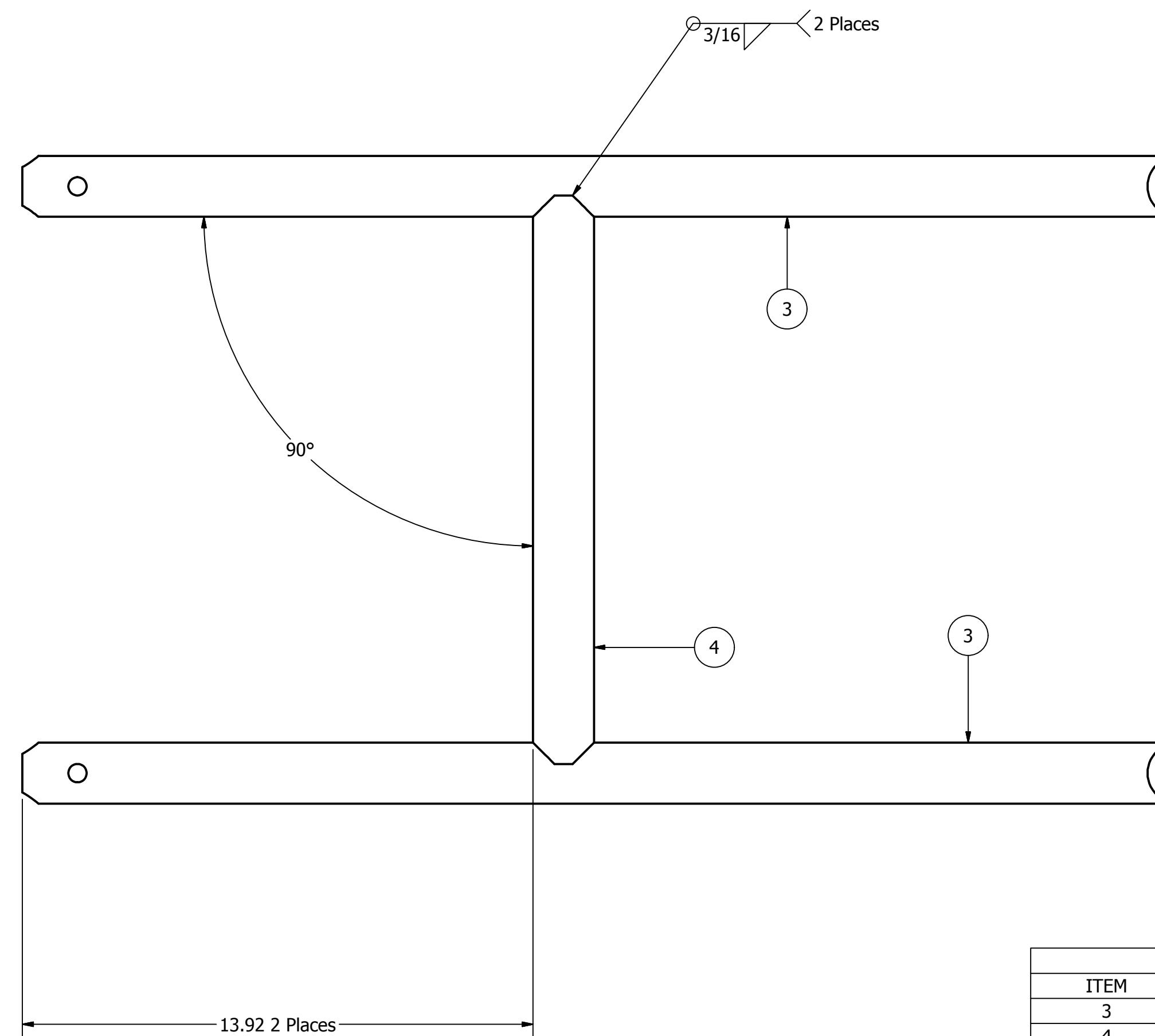
D

D



C

C



B

B

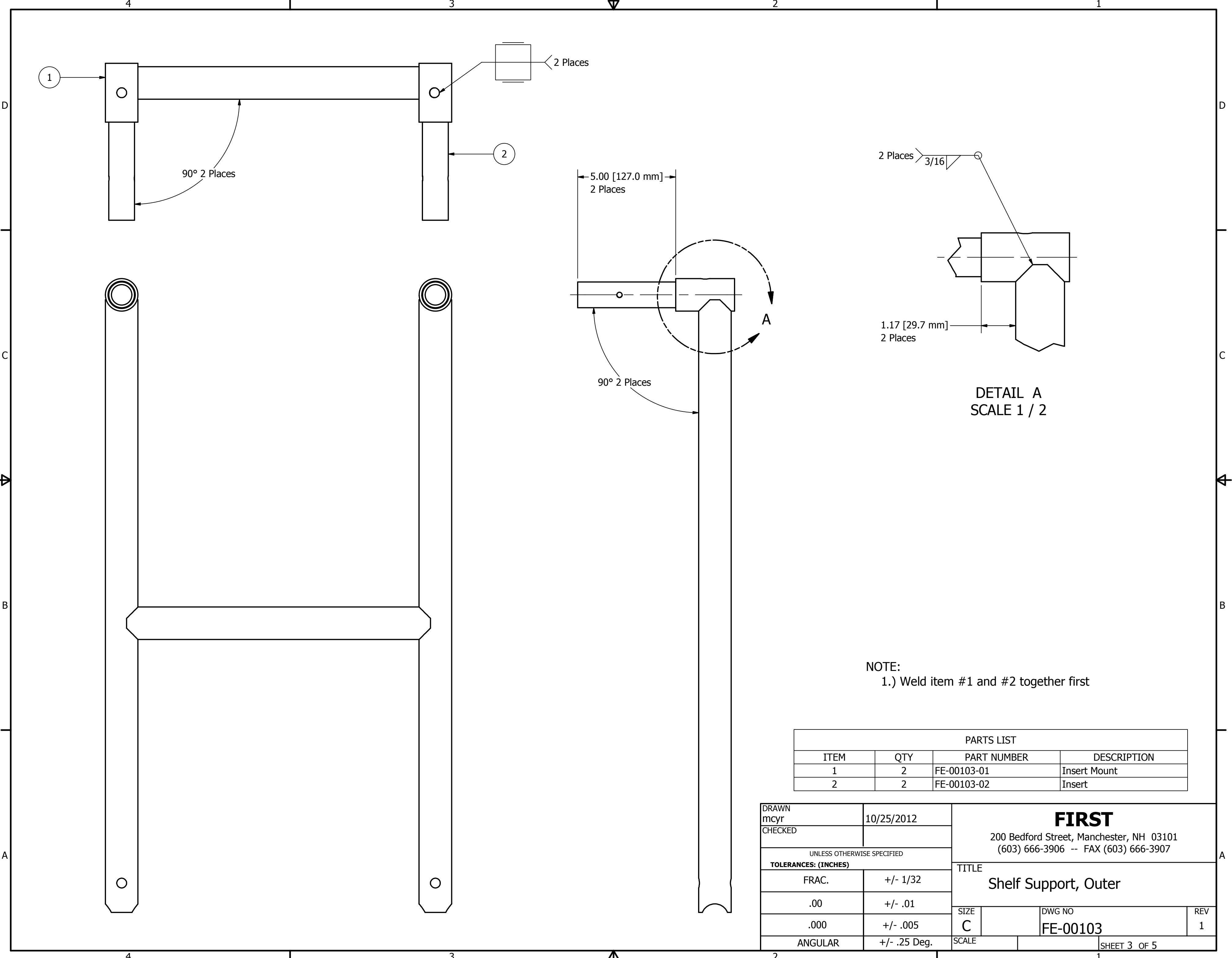
A

A

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
3	2	FE-00103-03	Vertical Support
4	1	FE-00103-04	Horizontal Support

DRAWN mcyr	10/25/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED				
TOLERANCES: (INCHES)				
FRAC.	+/- 1/32			
.00	+/- .01			
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SCALE	DWG NO	REV
			FE-00103	1
			SHEET 2 OF 5	

4 3 2 1



4

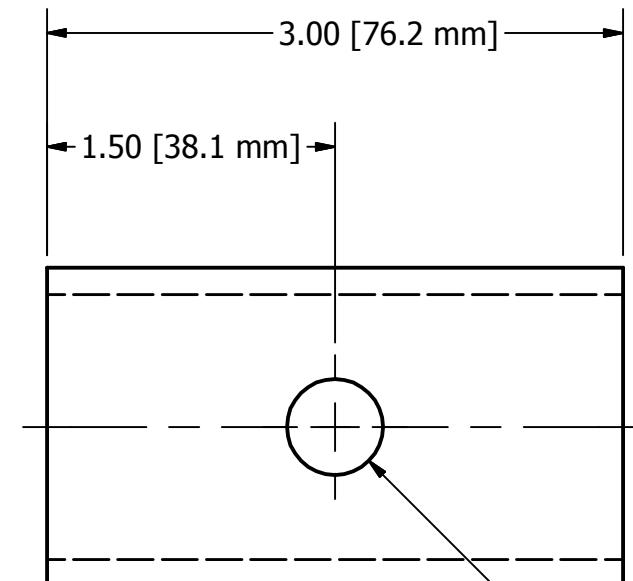
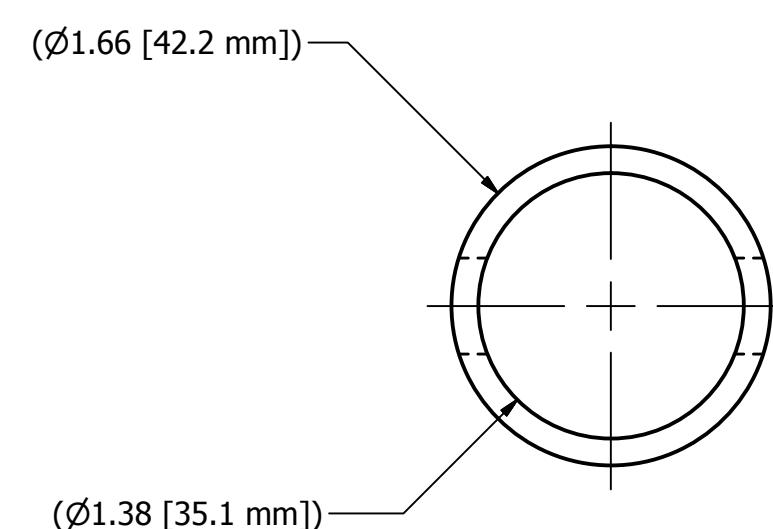
3

2

1

D

D



Ø.50 [12.7 mm] Thru

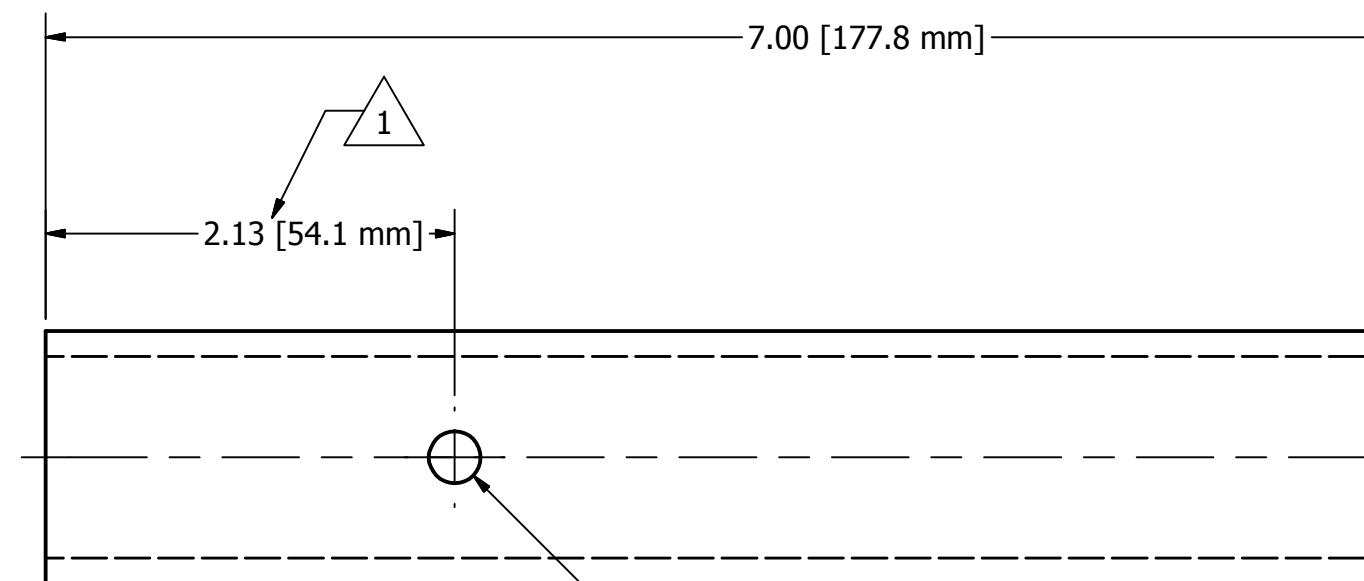
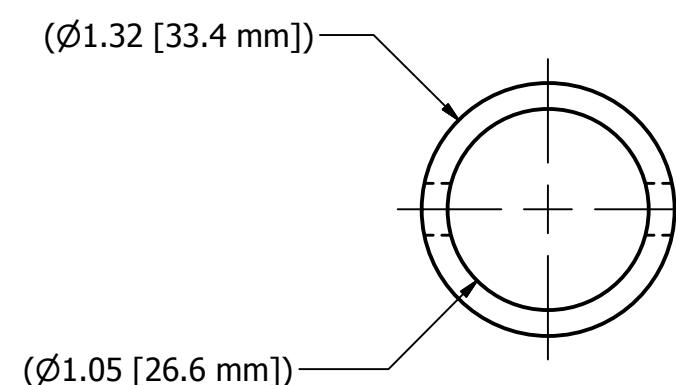
C

C

**Item:** 1, FE-00103-01, Insert Mount  
**Material:** 1-1/4" Schedule 40, 6061-T6 Aluminum  
**Scale:** 1/1  
**QTY:** 2

A

A



Ø.27 [6.9 mm] Thru

A

A

**Item:** 2, FE-00103-02, Insert  
**Material:** 1" Schedule 40, 6061-T6 Aluminum  
**Scale:** 1/1  
**QTY:** 2

DRAWN mcyr	10/25/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		TITLE		
FRAC.	+/- 1/32	Shelf Support, Outer		
.00	+/- .01	SIZE	DWG NO	REV
.000	+/- .005	C	FE-00103	1
ANGULAR	+/- .25 Deg.	SCALE		SHEET 4 OF 5

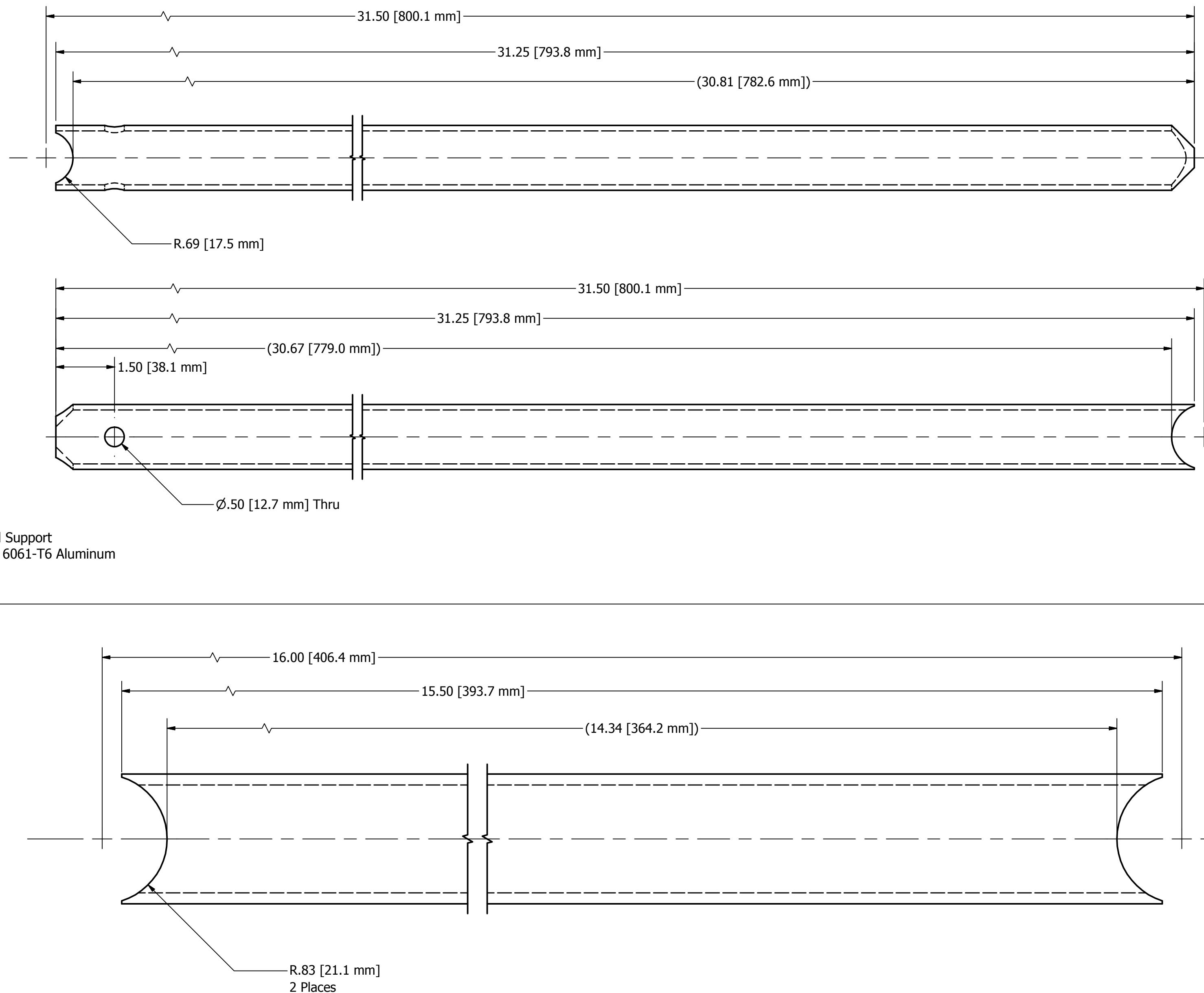
4

3

2

1

A



**Item:** 3, FE-00103-03, Vertical Support  
**Material:** 1-1/4" Schedule 40, 6061-T6 Aluminum  
**Scale:** 1/2  
**QTY:** 2

**Item:** 4, FE-00103-04, Horizontal Support  
**Material:** 1-1/4" Schedule 40, 6061-T6 Aluminum  
**Scale:** 1/1  
**QTY:** 1

DRAWN mcyr	10/25/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
CHECKED							
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	+/- 1/32	<b>TITLE</b> Shelf Support, Outer					
.00	+/- .01						
.000	+/- .005	SIZE	DWG NO	REV			
ANGULAR	+/- .25 Deg.	C	FE-00103	1			
SCALE							
SHEET 5 OF 5							

4

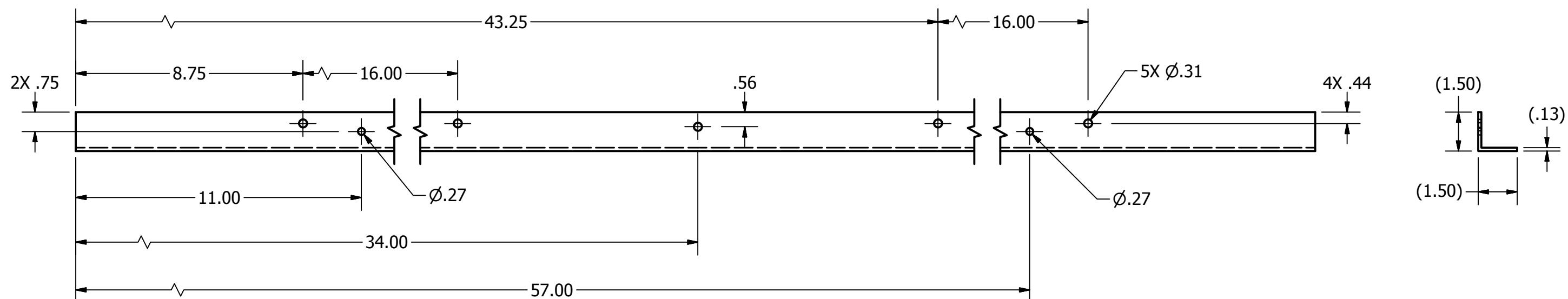
3

2

1

B

B



## Notes:

1. Material: 1-1/2" x 1/8" thick, 6063-T52 Aluminum Architectural Angle.
2. Remove all burrs and sharp edges.
3. Finish: none

DRAWN dfoster	12/17/2012	<b>FIRST</b>			
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
UNLESS OTHERWISE SPECIFIED					
TOLERANCES: (INCHES)		TITLE			
FRAC.	+/- 1/32	Light Hanger			
.00	+/- .01	SIZE			
.000	+/- .005	B	DWG NO		
ANGULAR	+/- .25 Deg.	FE-00104		REV	
SCALE				SHEET 1 OF 1	

4

3

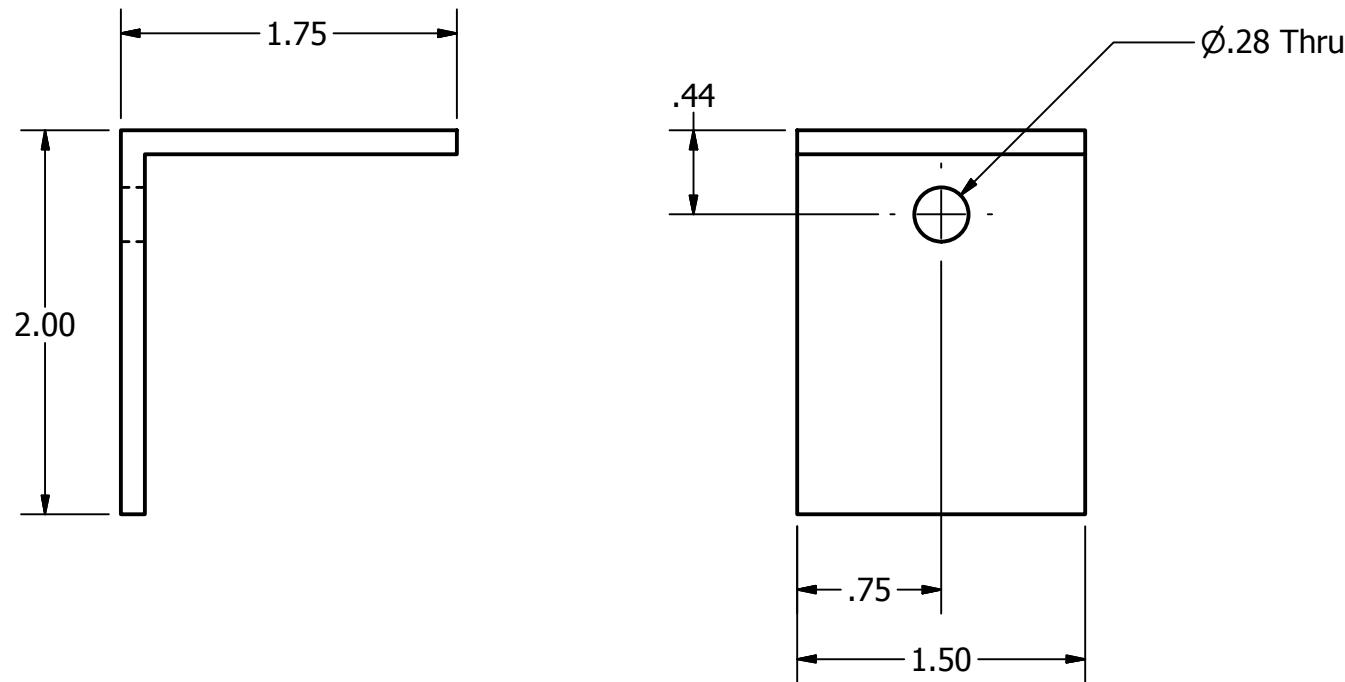
4

2

1

2

1



B

B

A

A

DRAWN mcyr	12/12/2012
CHECKED	
UNLESS OTHERWISE SPECIFIED	
TOLERANCES: (INCHES)	
FRAC.	+/- 1/32
.00	+/- .01
.000	+/- .005
ANGULAR	+/- .25 Deg.

# FIRST

200 Bedford Street, Manchester, NH 03101  
 (603) 666-3906 -- FAX (603) 666-3907

## TITLE

Clamping Angle

SIZE	DWG NO	REV
A	FE-00105	
SCALE		SHEET 1 OF 1

2

1

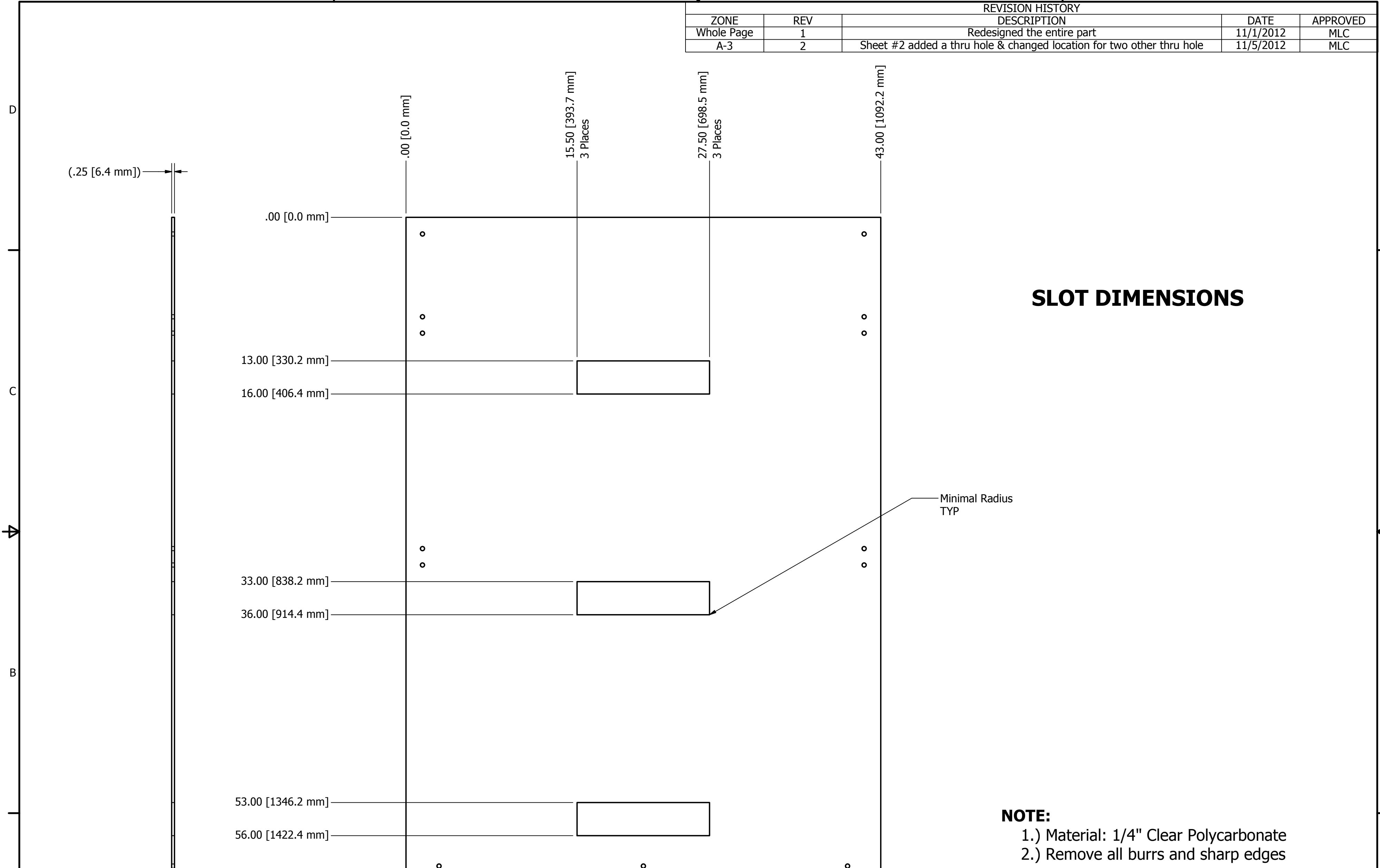
A

4

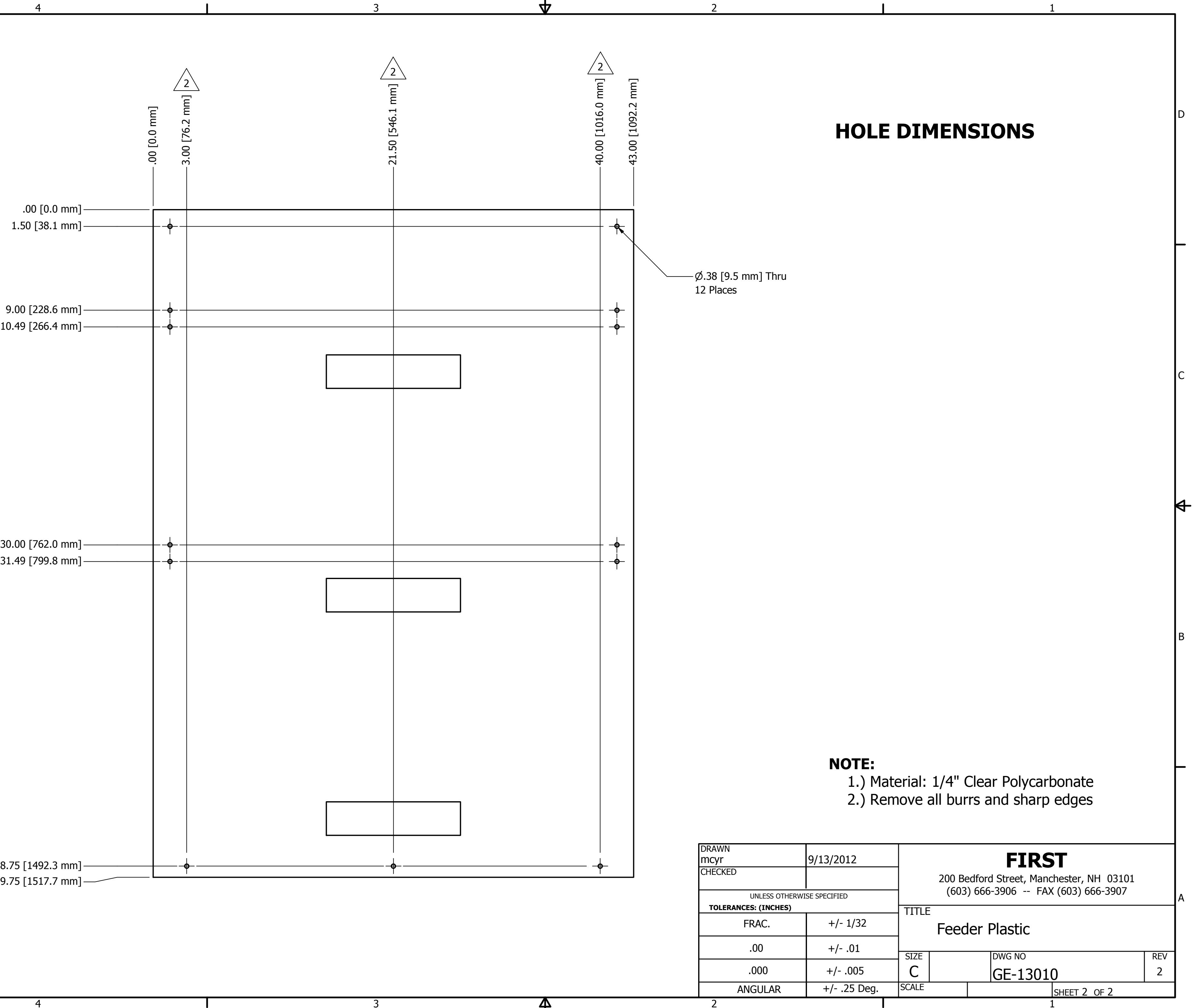
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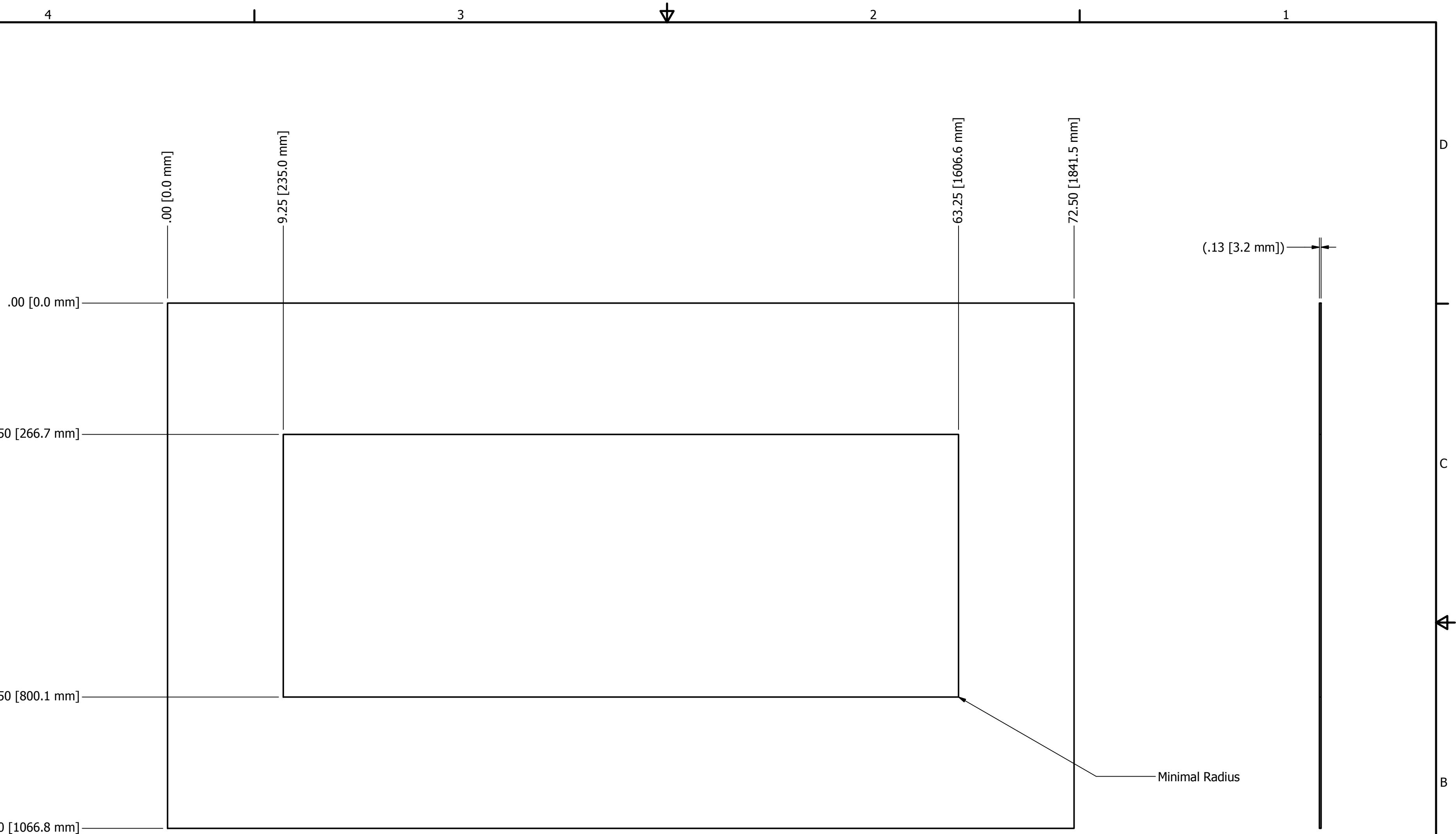
2

1



DRAWN mcyr	9/13/2012	<b>FIRST</b>		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
TOLERANCES: (INCHES)		TITLE	Feeder Plastic	
FRAC.	+/- 1/32			
.00	+/- .01	SIZE	DWG NO	REV
.000	+/- .005	C	GE-13010	2
ANGULAR	+/- .25 Deg.	SCALE	SHEET 1 OF 2	



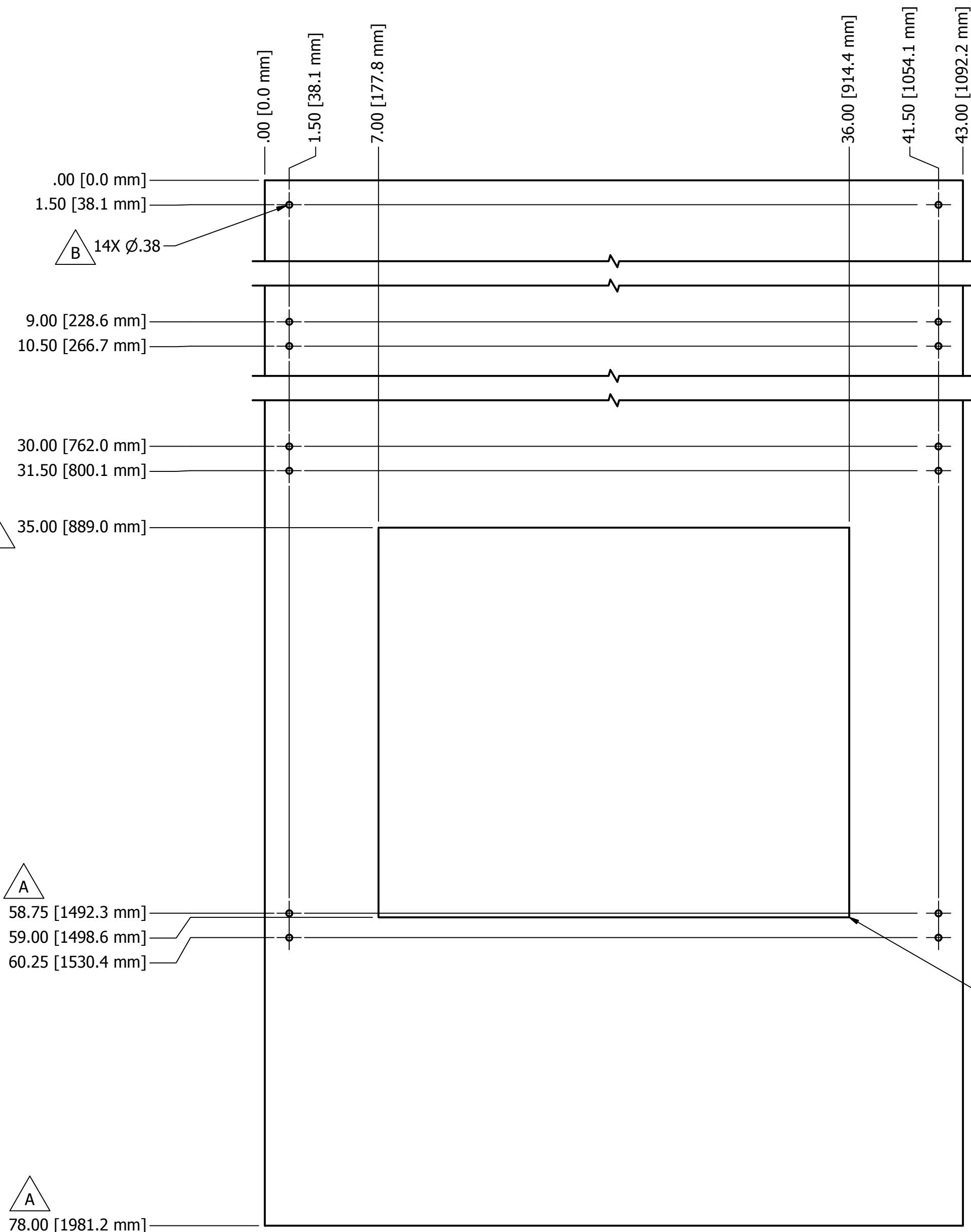


**NOTE:**

- 1.) Material: 1/8" HDPE (red or blue)
- 2.) Remove all burrs and sharp edges

DRAWN mcyr	9/14/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
CHECKED							
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	+/- 1/32						
.00	+/- .01						
.000	+/- .005						
ANGULAR	+/- .25 Deg.	SCALE	DWG NO	REV			
			GE-13011				
			SHEET 1 OF 1				

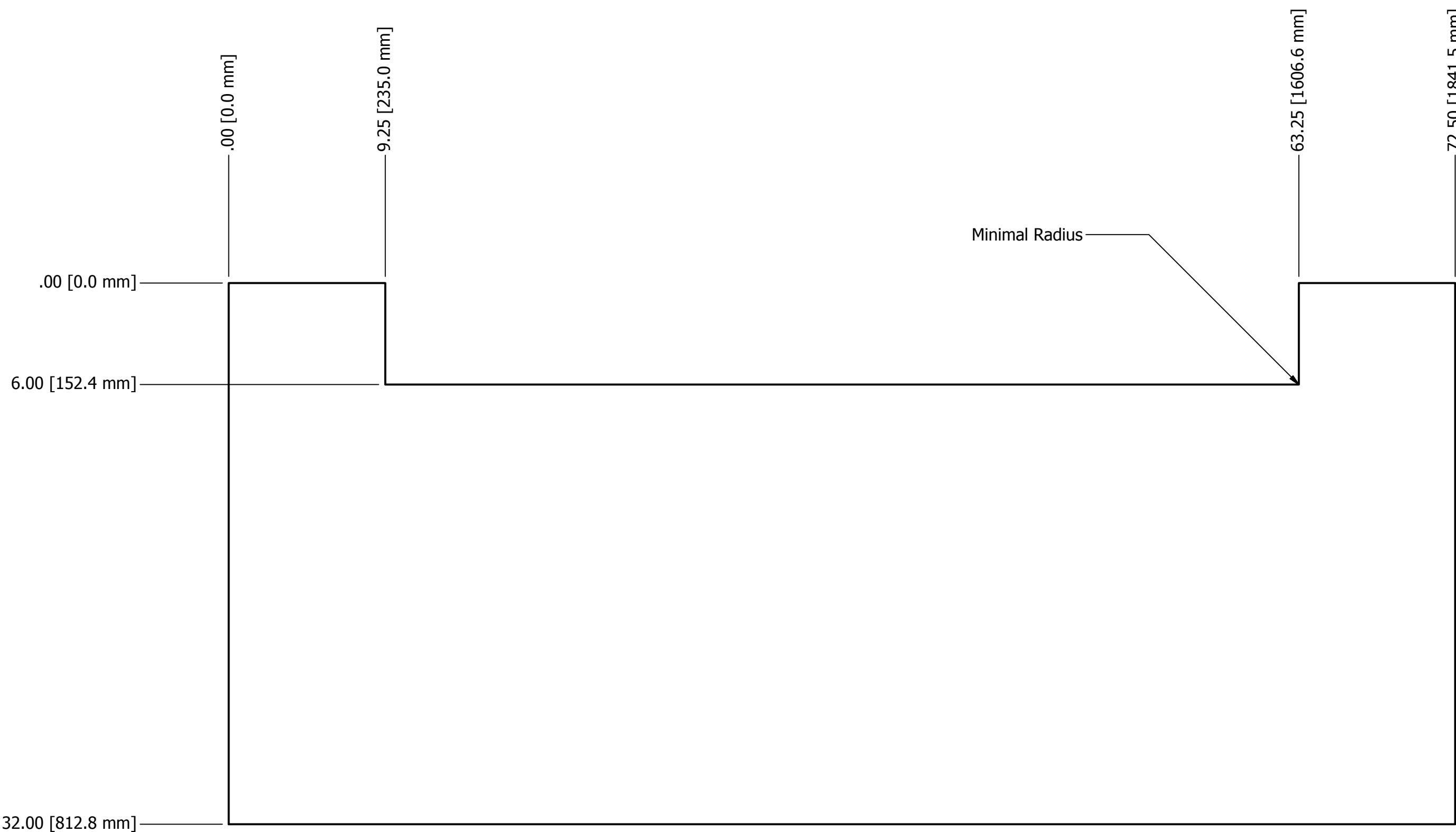
4	3	2	1
D		D	D
REVISION HISTORY			
ZONE C-4, B-4, A-4	REV A	DESCRIPTION 35.00 was 16.00, 59.00 was 40.00, 78.00 was 59.00	DATE 10/30/2012
-	B	Added .38" diam holes	APPROVED DAF



**NOTE:**

- 1.) Material: 1/8" HDPE (red or Blue)
- 2.) Remove all burrs and sharp edges

DRAWN mcyr	9/17/2012	<b>FIRST</b>					
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)							
FRAC.	+/- 1/32	TITLE					
.00	+/- .01	Corner Goal Plastic					
.000	+/- .005	SIZE <b>C</b>	DWG NO <b>GE-13012</b>	REV <b>B</b>			
ANGULAR	+/- .25 Deg.	SCALE		SHEET 1 OF 1			



**NOTE:**

- 1.) Material: 1/8" HDPE (red or blue)
- 2.) Remove all burrs and sharp edges

DRAWN mcyr	9/17/2012	FIRST		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		TITLE		
FRAC.	+/- 1/32	Center Goal Plastic		
.00	+/- .01	SIZE		
.000	+/- .005	DWG NO		
ANGULAR	+/- .25 Deg.	SCALE		REV
			GE-13013	
			SHEET 1 OF 1	

4 3 2 1

D

D

C

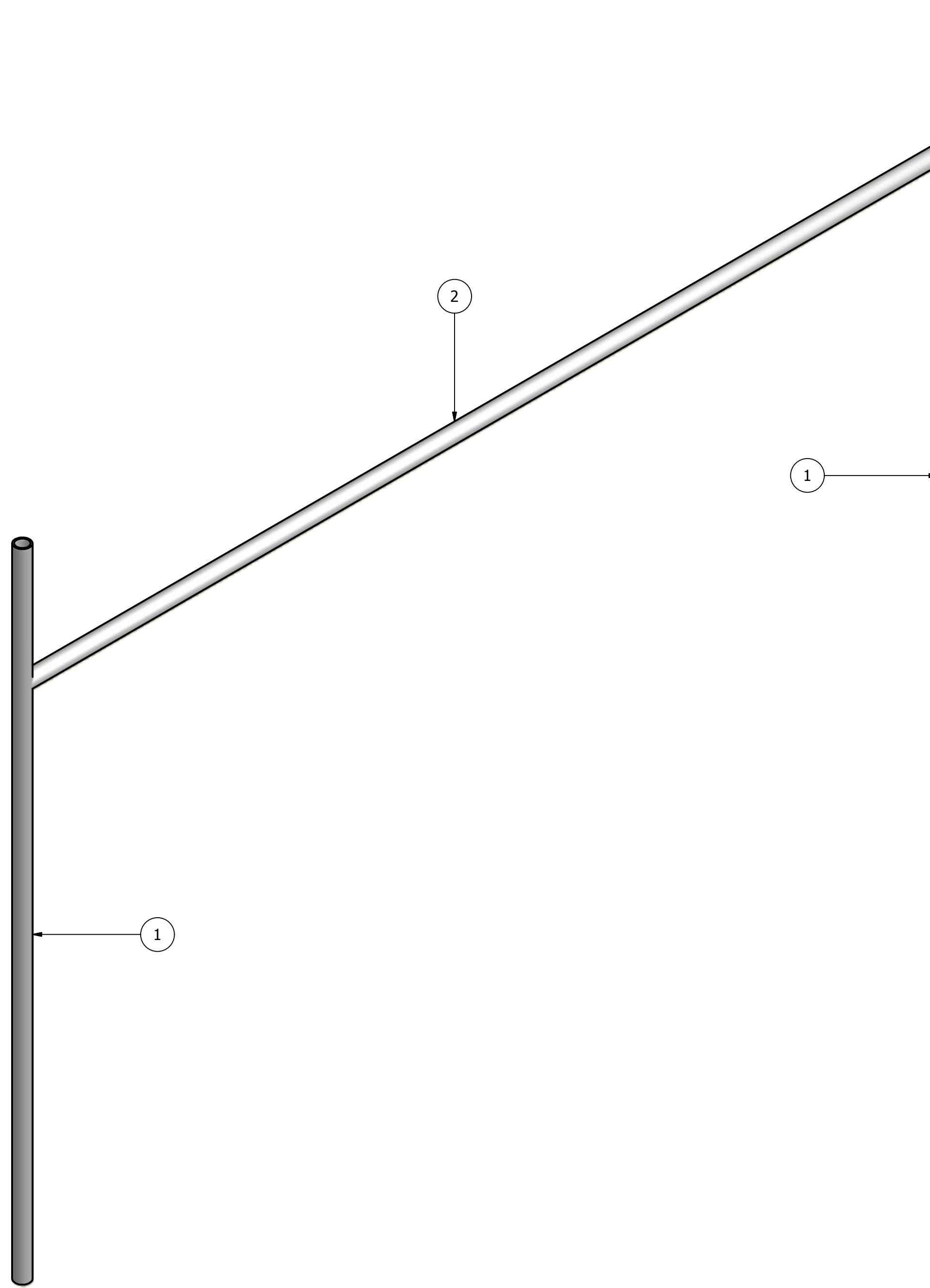
C

B

B

A

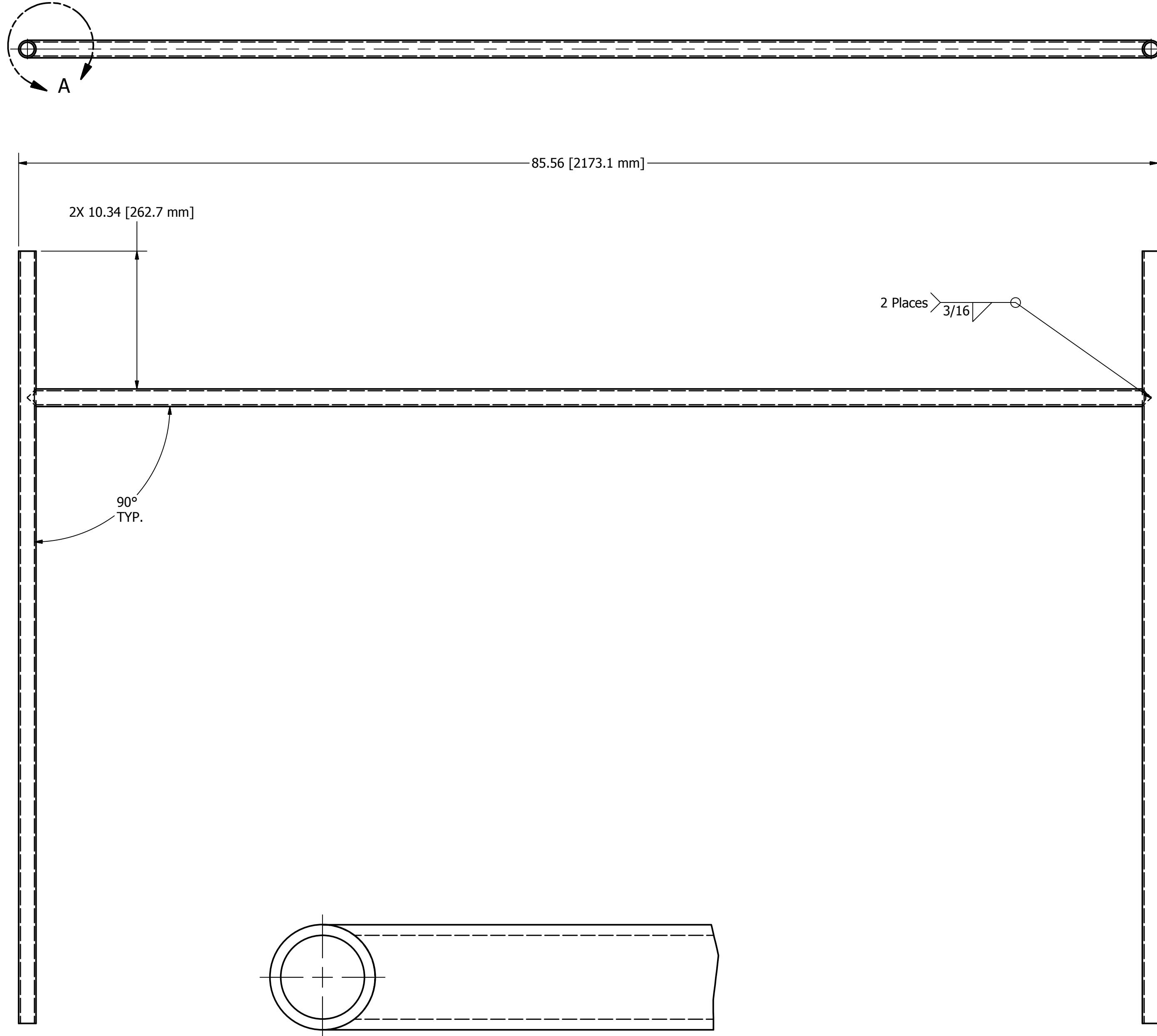
A



RESOURCES		
Resource	Material	QTY
1	1" Schedule 40, 6061 Aluminum Pipe	17 Feet

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	GE-13014-01	Sides
2	1	GE-13014-02	Top

DRAWN mcyr	10/1/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED				
TOLERANCES: (INCHES)				
FRAC.	+/- 1/32			
.00	+/- .01			
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SCALE	DWG NO	REV
			GE-13014	
				SHEET 1 OF 3



DETAIL A  
SCALE 1/1

DRAWN mcyr	10/1/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
CHECKED							
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	+/- 1/32						
.00	+/- .01						
.000	+/- .005						
ANGULAR	+/- .25 Deg.	SCALE	DWG NO	REV			
			GE-13014				
			SHEET 2 OF 3				

4

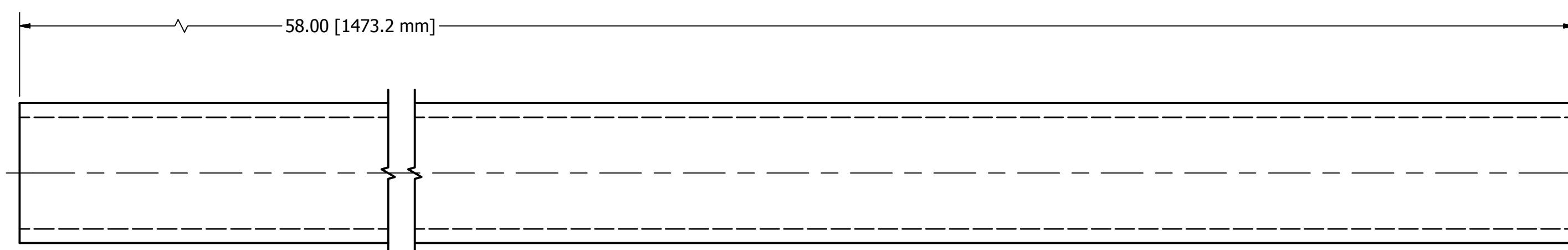
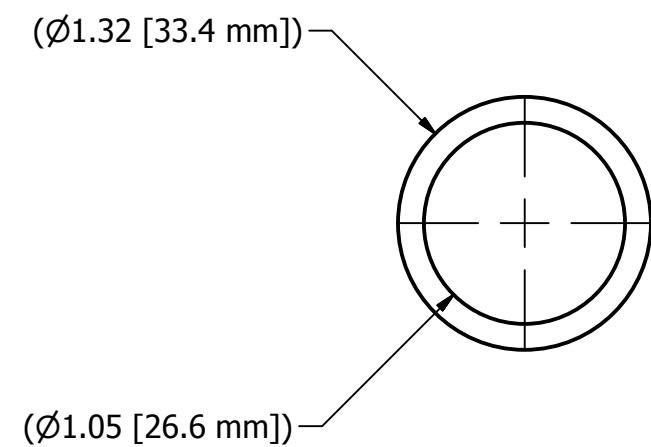
3

2

1

D

D



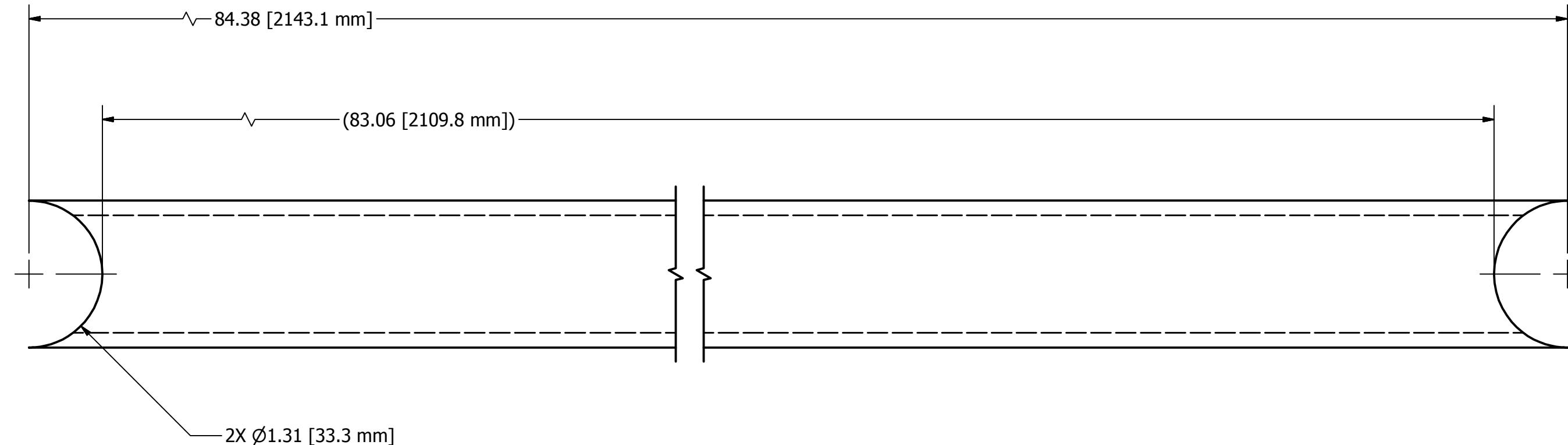
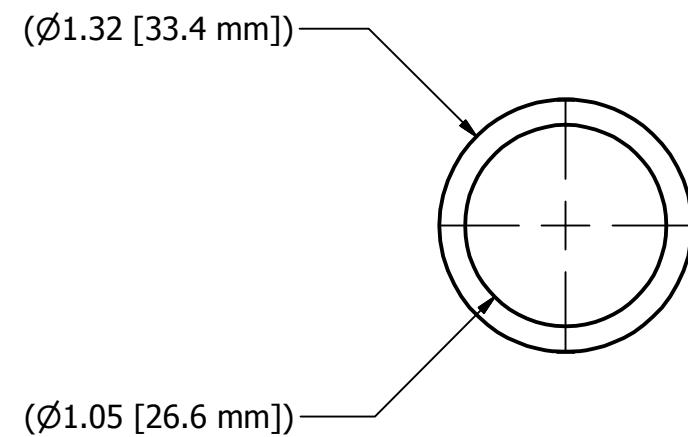
**Item:** 1 GE-13014-01, Sides  
**Resource:** 1  
**Scale:** 1/1  
**QTY:** 2

C

C

A

A



**Item:** 2, GE-13014-02, Top  
**Scale:** 1/1  
**QTY:** 1

DRAWN mcyr	10/1/2012	<b>FIRST</b>				
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907				
UNLESS OTHERWISE SPECIFIED						
<b>TOLERANCES: (INCHES)</b>			<b>TITLE</b>			
FRAC.	+/- 1/32	Corner Goal,Upper Frame				
.00	+/- .01					
.000	+/- .005	<b>SIZE</b>	<b>DWG NO</b>	<b>REV</b>		
ANGULAR	+/- .25 Deg.	C	GE-13014			
<b>SCALE</b>			<b>SHEET 3 OF 3</b>			

4

3

2

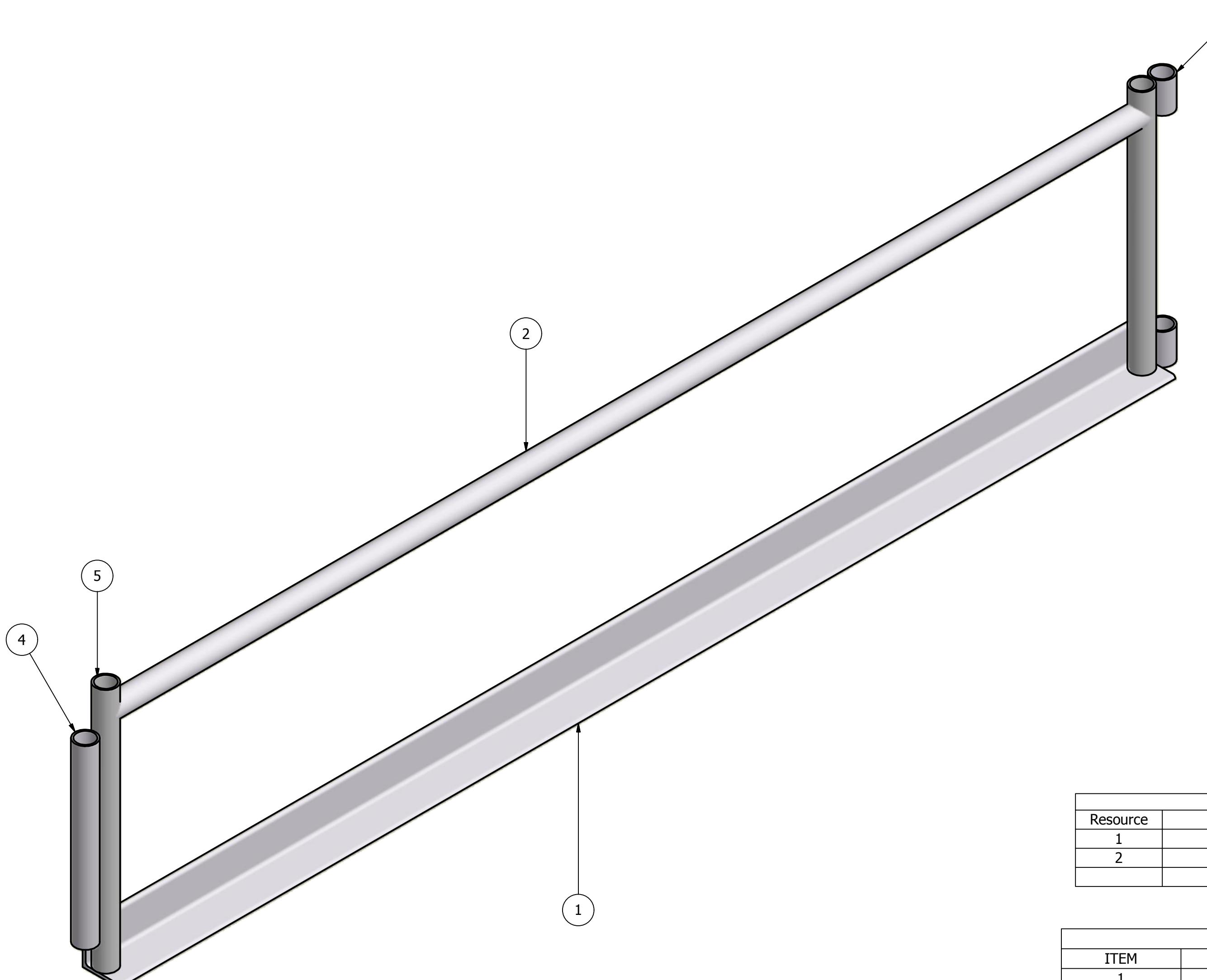
1

A

A

4 3 2 1

REVISION HISTORY		DESCRIPTION	DATE	APPROVED
ZONE	REV			
	1	Added Not to Drawing 2 & 3	10/1/2012	MLC



RESOURCE		
Resource	Material	QTY
1	3" x 3" x 1/4" 6061 Aluminum Angle	7-1/2 Feet
2	1-1/4 Schedule 40 Aluminum Tube	12- 1/2 Feet

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-13015-01	Bottom Rail, Field Rail
2	1	GE-13015-02	Top Rail
3	2	GE-13015-03	Attachment Tube, Short
4	1	GE-13015-04	Attachment Tube, Long
5	2	GE-13015-05	Vertical Sides

DRAWN mcyr	9/18/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED				
TOLERANCES: (INCHES)		FRAC.	+/- .1/32	
.00			+/- .01	
.000			+/- .005	
ANGULAR			+/- .25 Deg.	
		SCALE		SHEET 1 OF 5
			DWG NO	GE-13015
			REV	1

4

三

D

D

**SECTION B-B  
SCALE 1/5**

2 PLaces >  $\frac{3}{16}$  |  $\frac{3}{16}$

This technical drawing shows a long horizontal beam supported by two vertical columns. The left column has a circular cutout labeled '5' and a note '90° TYP.' indicating a 90-degree corner. The right column also has a circular cutout labeled '5'. A dashed line labeled 'B' at both ends indicates a section plane. At the top left, a dimension '3/16' is shown with a note '2 Places' pointing to two small circles on the beam's top edge. A callout 'A' on the right side shows a circular arrow around the right vertical column.

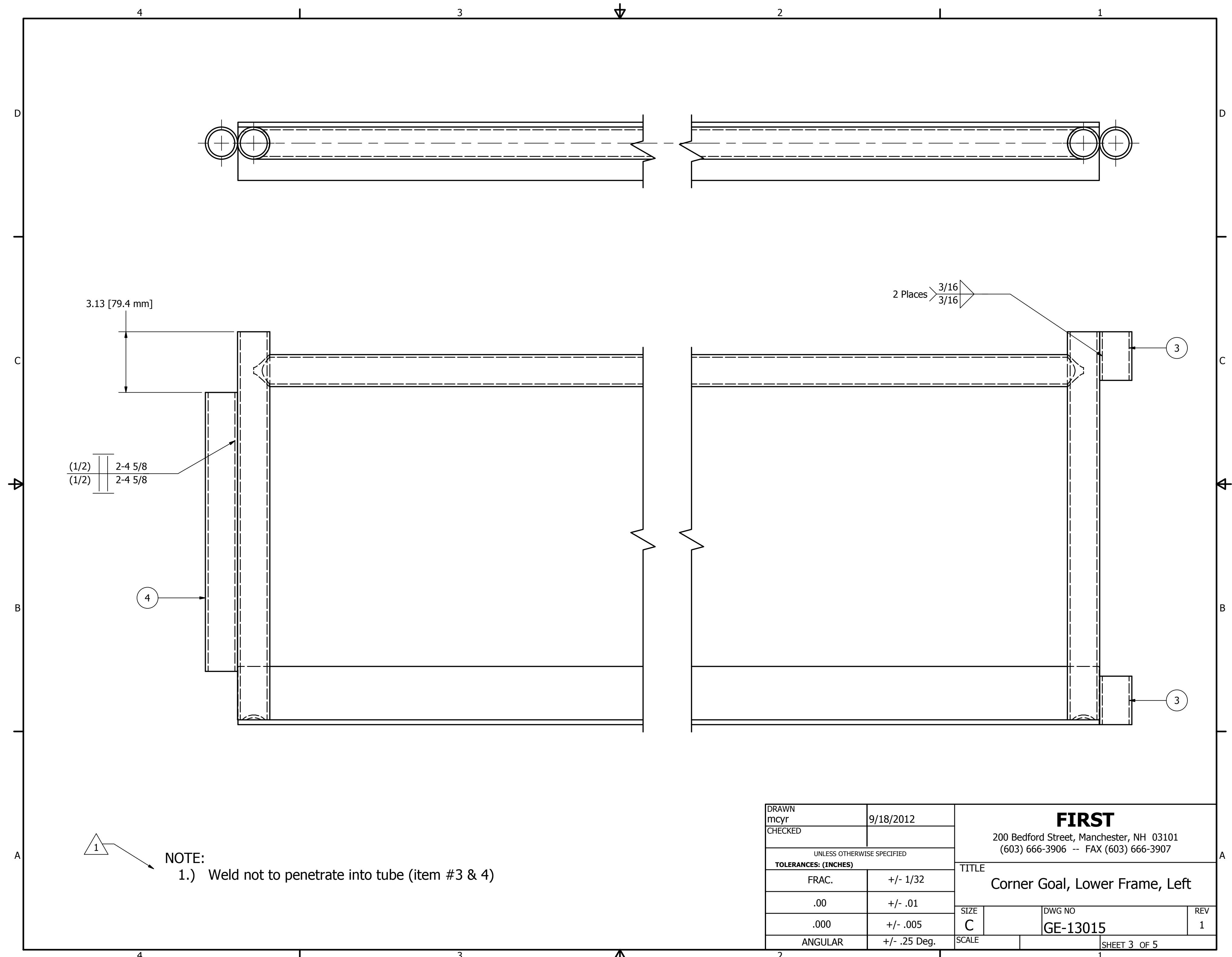
A technical drawing showing a horizontal line with a vertical dimension line extending downwards from its left end. The dimension line is labeled "2X 1.17 [29.8 mm]". To the right of the dimension line is a rectangular frame. The outer boundary of the frame is a solid black line, while the inner boundary is a dashed black line. The top and bottom edges of the frame are straight, but the left and right edges are slightly irregular, suggesting a stepped or mitered corner detail.

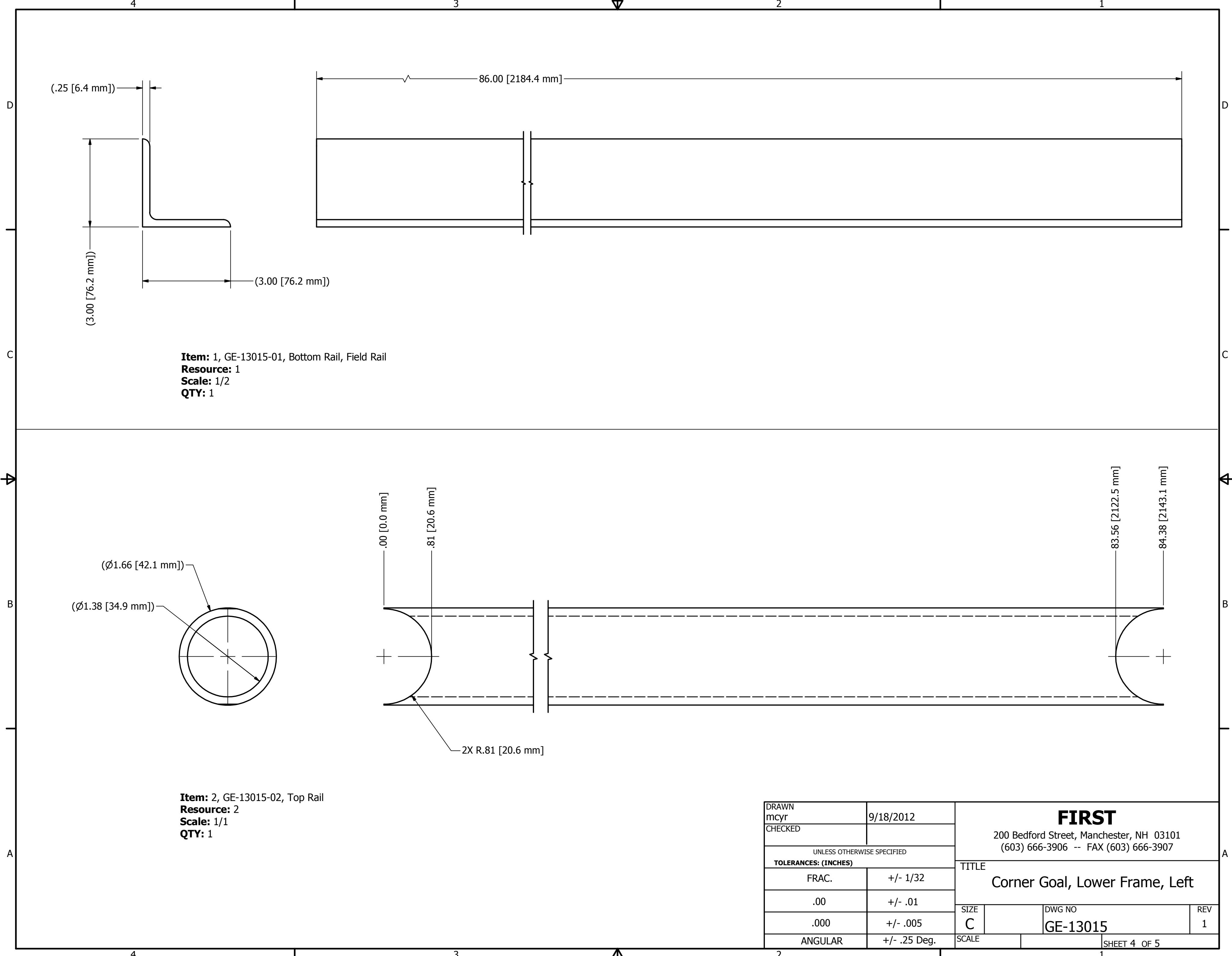
**DETAIL A  
SCALE 1/2**

A diagram consisting of a triangle with the number '1' inside it, followed by a horizontal line segment.

- 1.) Weld not to penetrate into tube (item #5)

DRAWN mcyr	9/18/2012	<b>FIRST</b>  200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED		TITLE  Corner Goal, Lower Frame, Left		
<b>TOLERANCES: (INCHES)</b>				
FRAC.	+/- 1/32			
.00	+/- .01			
.000	+/- .005	SIZE C	DWG NO GE-13015	REV 1
ANGULAR	+/- .25 Deg.	SCALE	SHEET 2 OF 5	



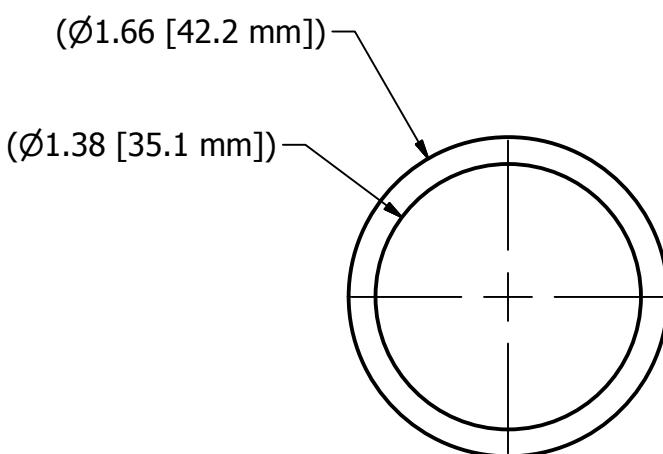
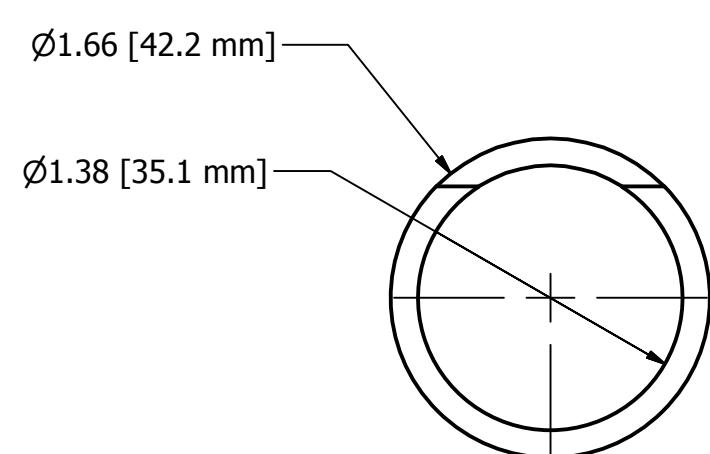
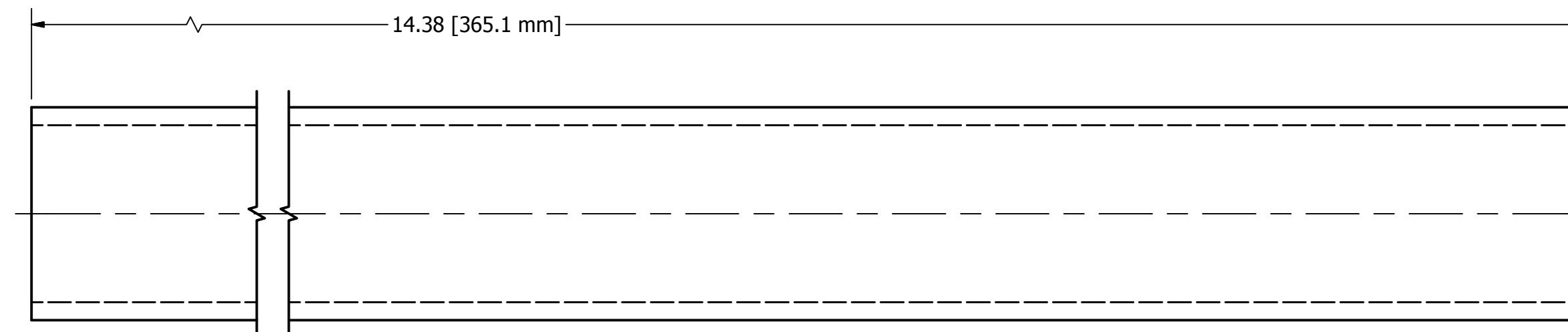
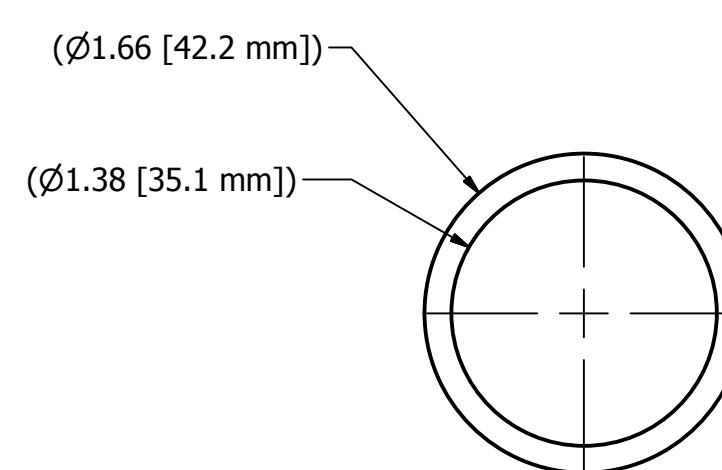
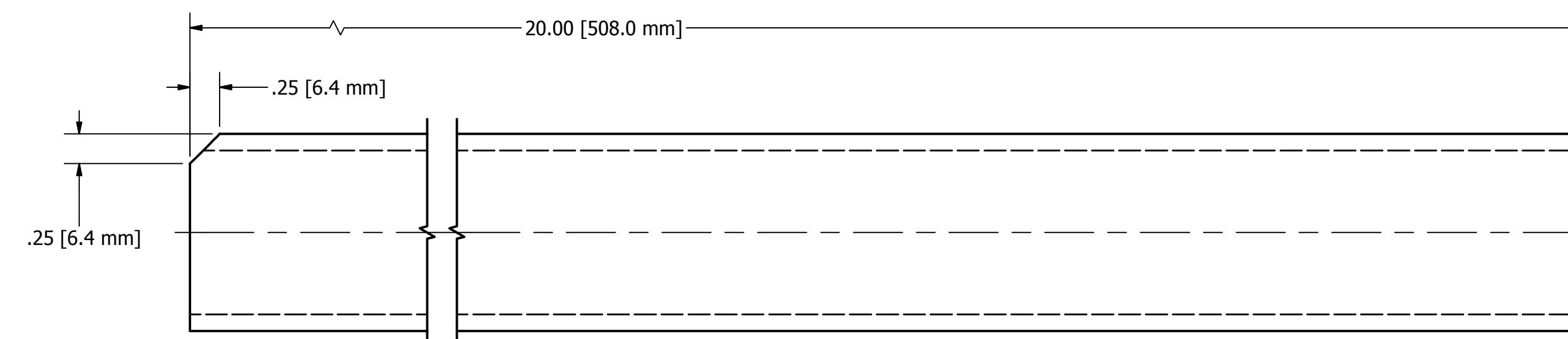
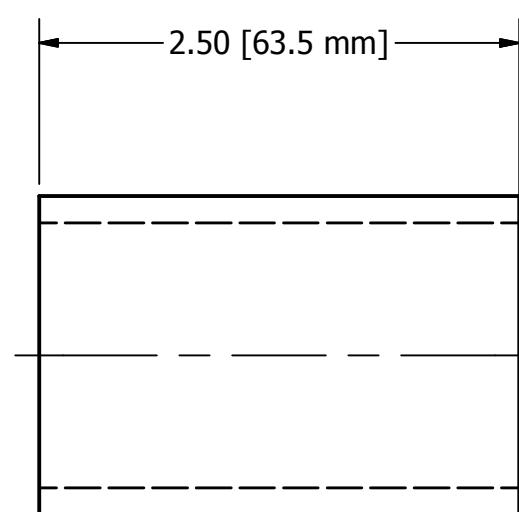


4

3

2

1

**Item:** 4, GE-13015-04, Attachment Tube, Long**Resource:** 2**Scale:** 1/1**QTY:** 1**Item:** 5, GE-13015-05, Vertical Sides**Resource:** 2**Scale:** 1/1**QTY:** 2**Item:** 3, GE-13015-03, Attachment Tube, Short**Resource:** 2**Scale:** 1/1**QTY:** 2

DRAWN mcyr	9/18/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
CHECKED							
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	+/- 1/32						
.00	+/- .01						
.000	+/- .005						
ANGULAR	+/- .25 Deg.	SCALE	DWG NO	REV			
			GE-13015	1			
			SHEET 5 OF 5				

4

3

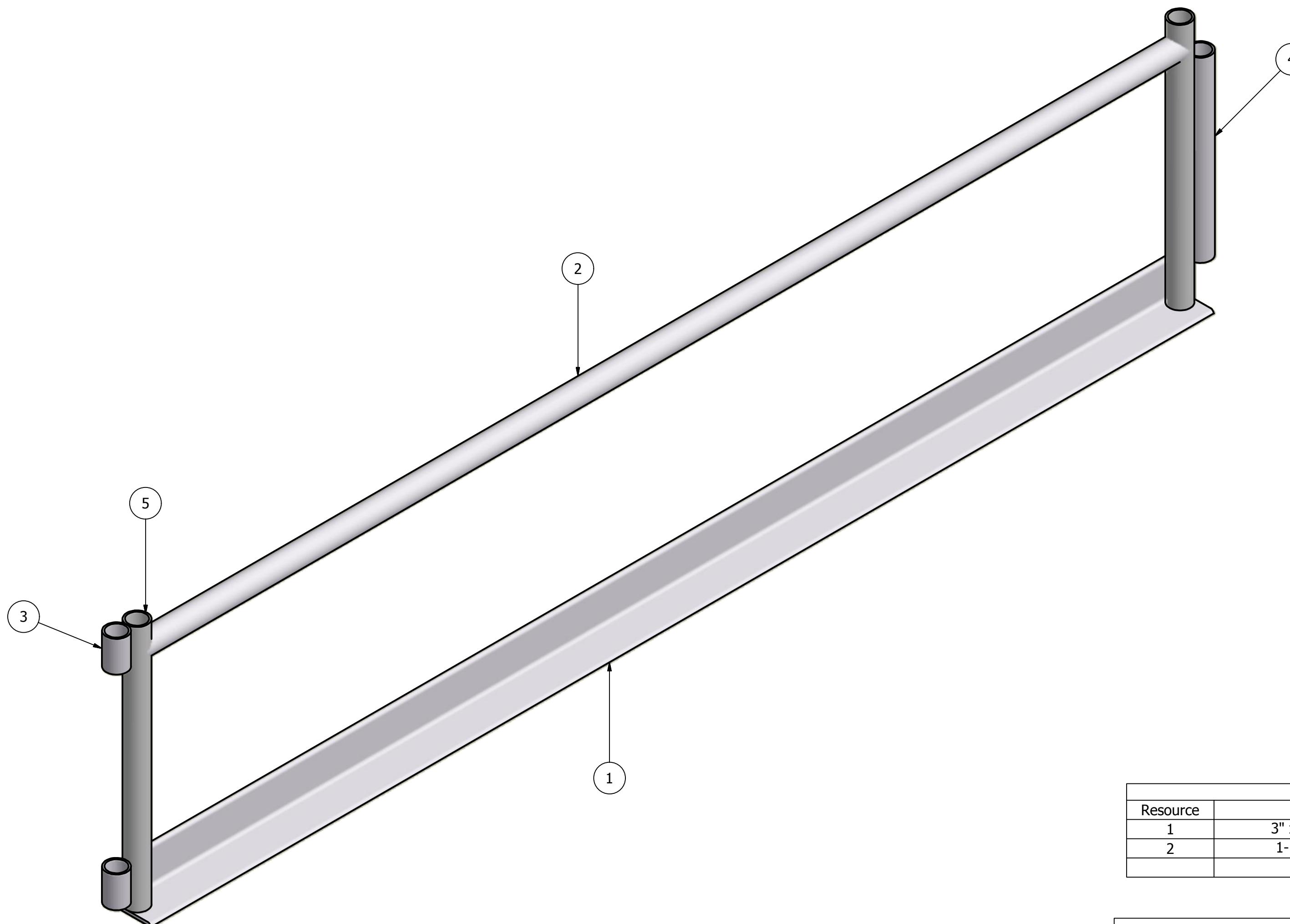
2

1

4

2

1



RESOURCES		
Resource	Material	QTY
1	3" x 3" x 1/4" 6061 Aluminum Angle	7-1/2 Feet
2	1-1/4 Schedule 40 Aluminum Tube	12-1/2 Feet

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-13015-01	Bottom Rail, Field Rail
2	1	GE-13015-02	Top Rail
3	2	GE-13015-03	Attachment Tube, Short
4	1	GE-13015-04	Attachment Tube, Long
5	2	GE-13015-05	Vertical Sides

DRAWN mcyr	9/20/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
CHECKED							
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)							
FRAC.	+/- 1/32	TITLE Corner Goal. Lower Frame Right					
.00	+/- .01						
.000	+/- .005	SIZE C	DWG NO GE-13016	REV			
ANGULAR	+/- .25 Deg.	SCALE		SHEET 1 OF 5			

4

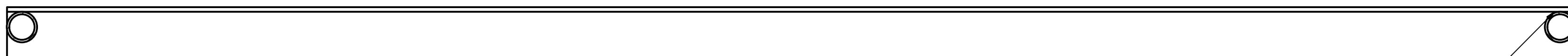
3

2

1

D

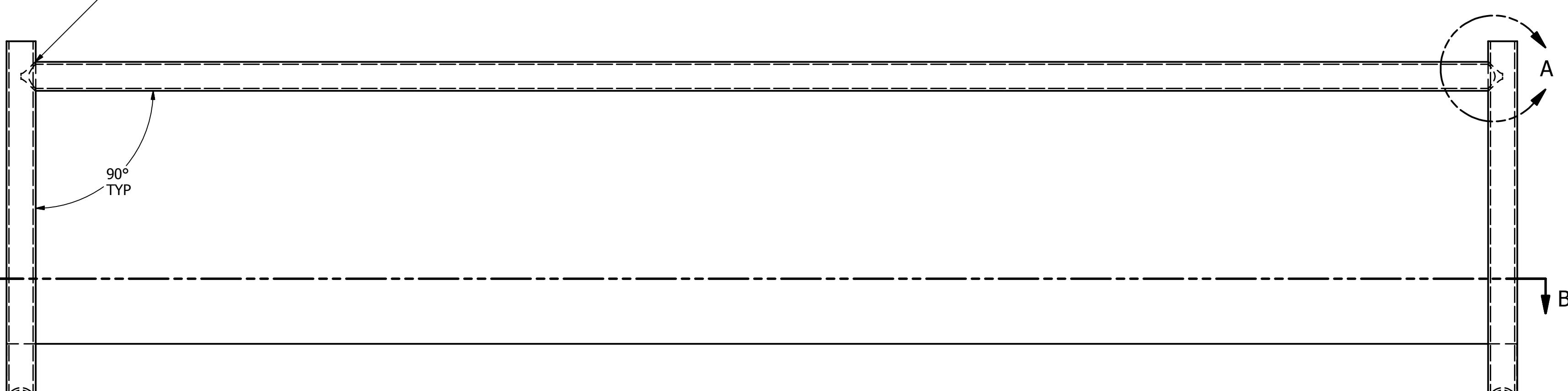
D



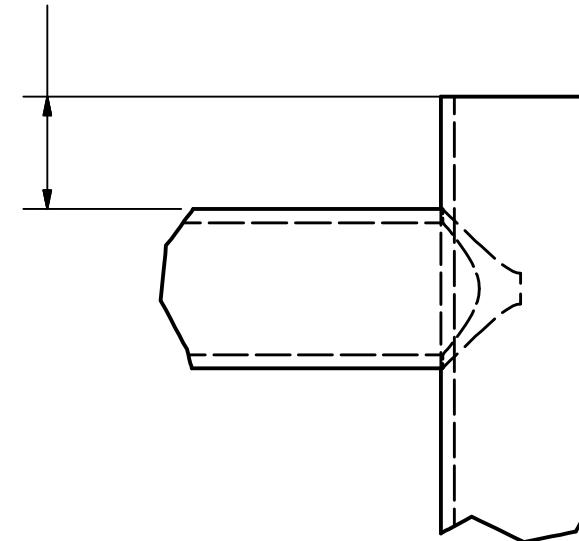
SECTION B-B  
SCALE 1/5

2 Places  $\begin{array}{l} \nearrow 3/16 \\ \searrow 3/16 \end{array}$

$\begin{array}{l} \nearrow 3/16 \\ \searrow 3/16 \end{array}$  2 Places



1.17 [29.8 mm]



DETAIL A  
SCALE 1/2

DRAWN mcyr	9/20/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
CHECKED							
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)							
FRAC.	$+\/- 1/32$						
.00	$+\/- .01$						
.000	$+\/- .005$						
ANGULAR	$+\/- .25$ Deg.	SCALE	DWG NO	REV			
			GE-13016				
				SHEET 2 OF 5			

4

3

2

1

D

D

C

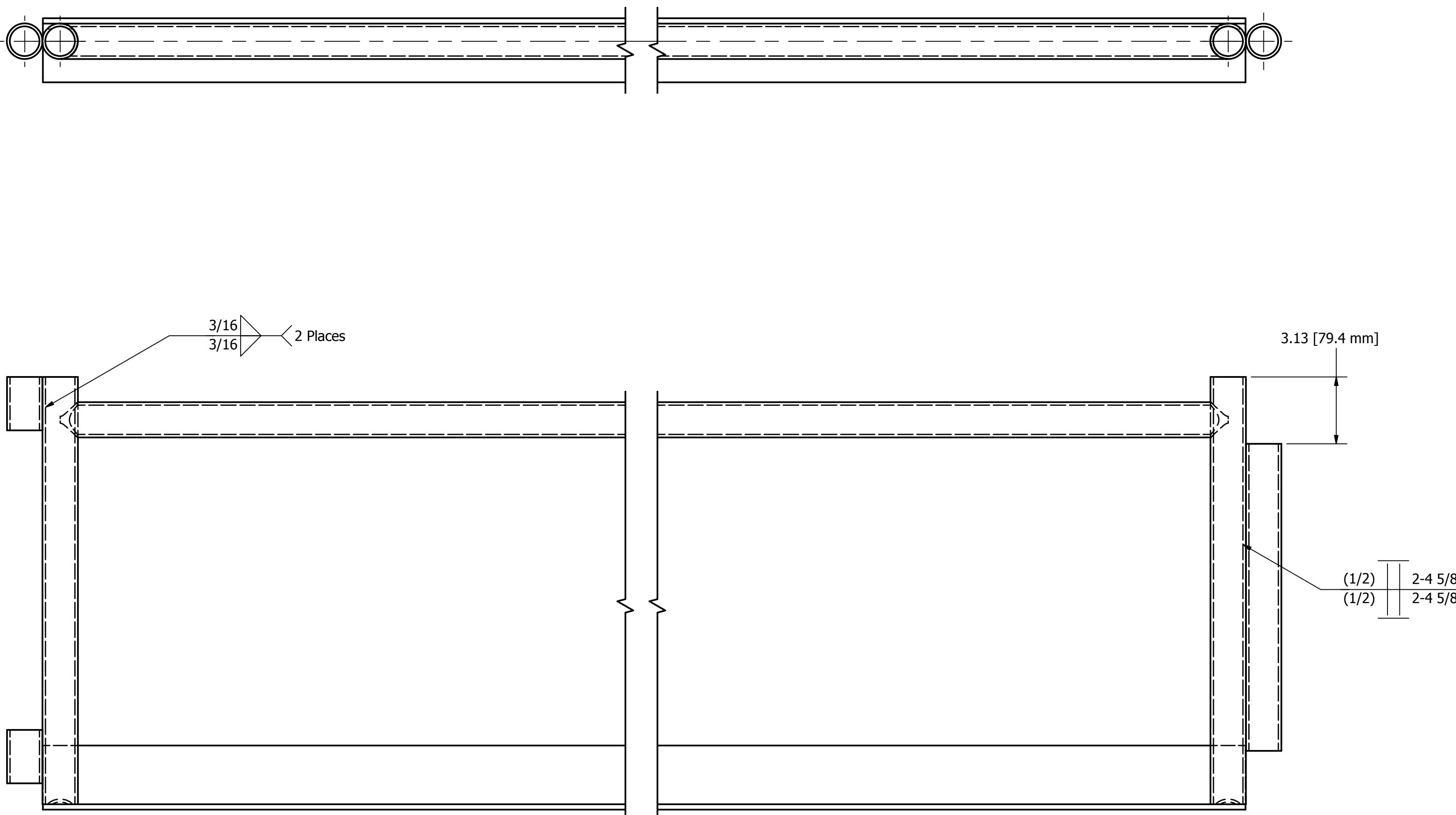
C

B

B

A

A



DRAWN mcyr	9/20/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
CHECKED							
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	+/- 1/32						
.00	+/- .01						
.000	+/- .005						
ANGULAR	+/- .25 Deg.	SCALE	DWG NO	REV			
			GE-13016				
				SHEET 3 OF 5			

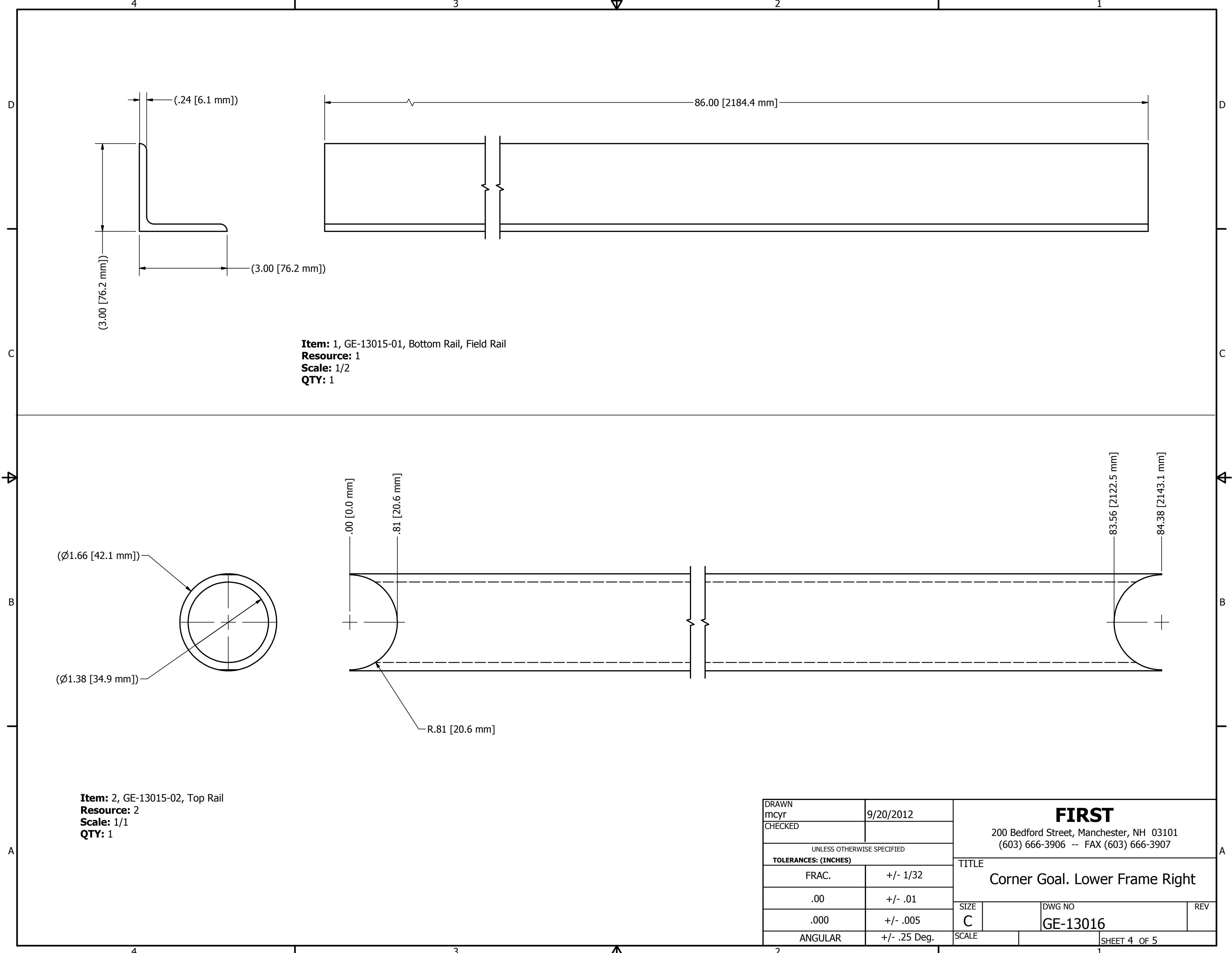
4

3

2

1

4

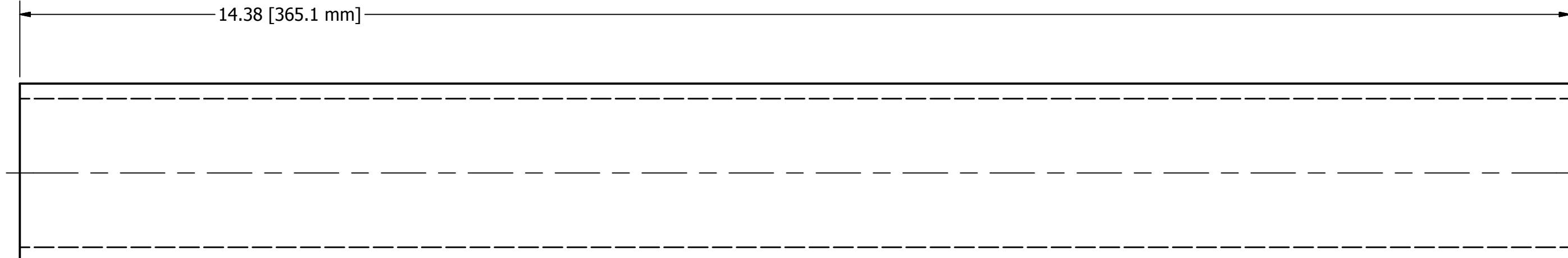
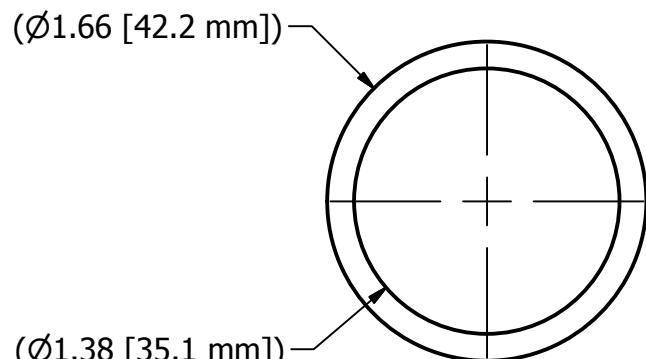


4

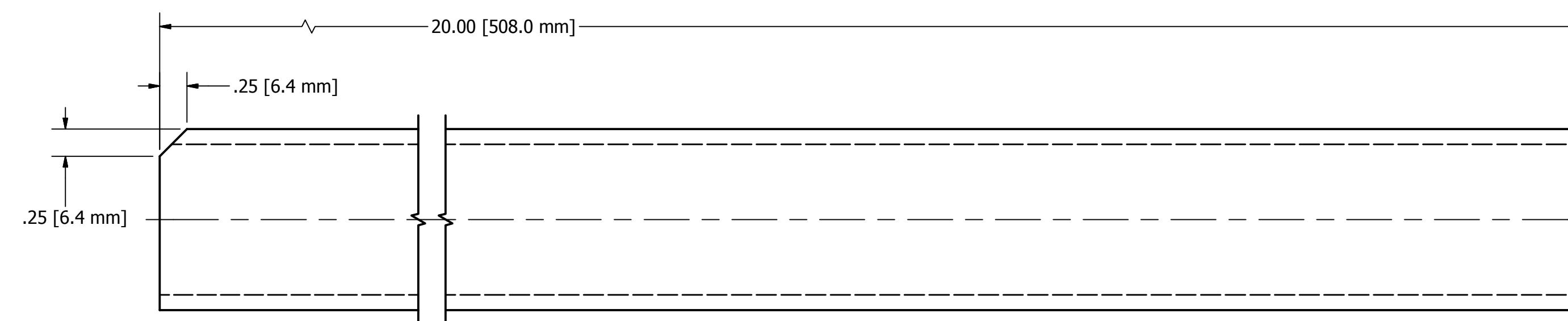
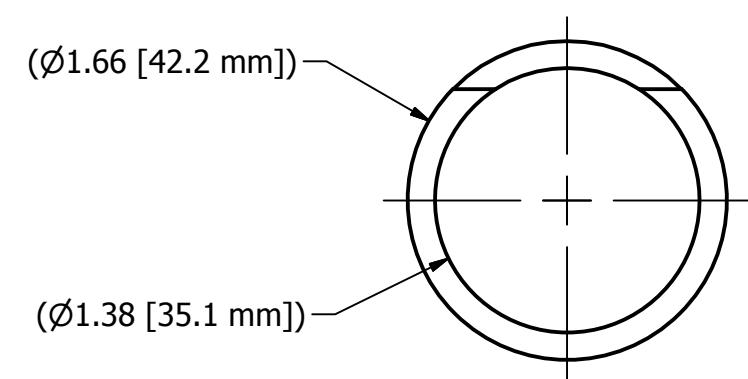
3

2

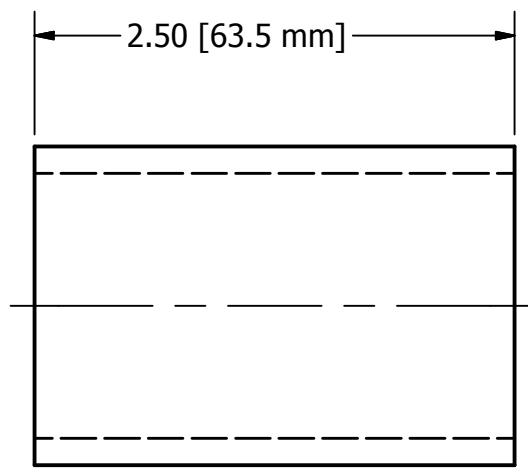
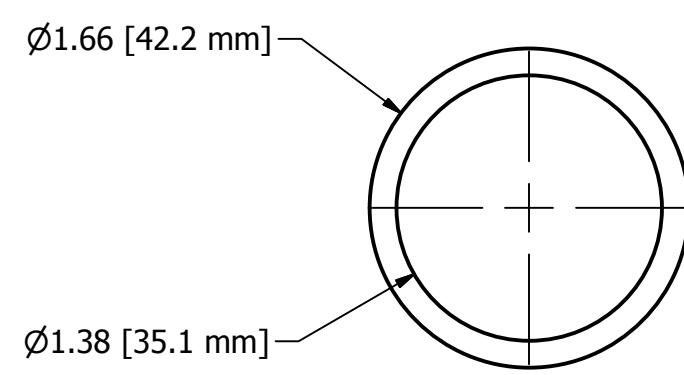
1



**Item:** 4, GE-13015-04, Attachment Tube, Long  
**Resource:** 2  
**Scale:** 1/1  
**QTY:** 1



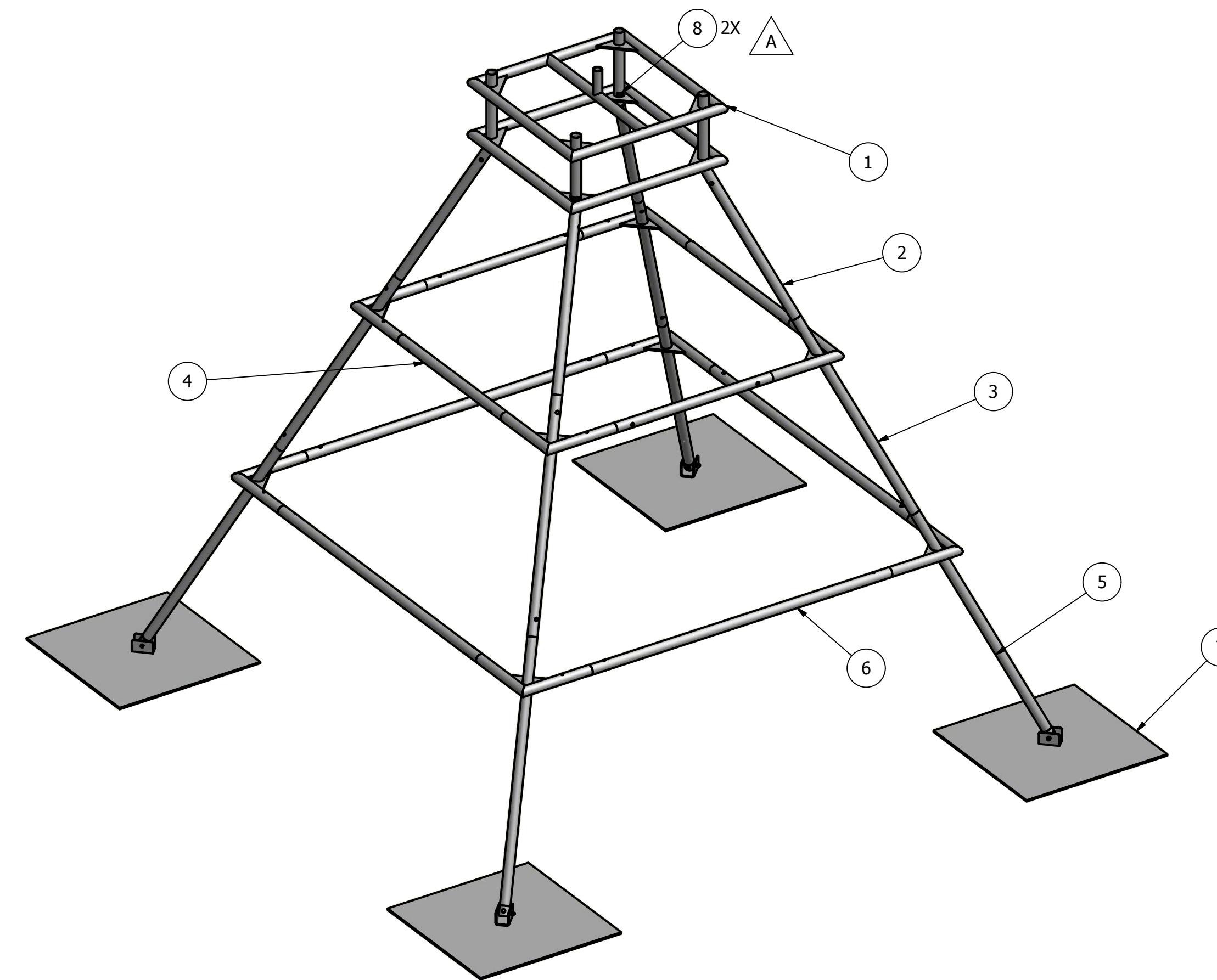
**Item:** 5, GE-13015-05, Vertical Sides  
**Resource:** 2  
**Scale:** 1/1  
**QTY:** 2



**Item:** 3, GE-13015-03, Attachment Tube, Short  
**Resource:** 2  
**Scale:** 1/1  
**QTY:** 2

DRAWN mcyr	9/20/2012	<b>FIRST</b>	
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
UNLESS OTHERWISE SPECIFIED			
<b>TOLERANCES: (INCHES)</b>		<b>TITLE</b>	
FRAC.	+/- 1/32	Corner Goal. Lower Frame Right	
.00	+/- .01		
.000	+/- .005	SIZE <b>C</b>	DWG NO <b>GE-13016</b>
ANGULAR	+/- .25 Deg.	SCALE	REV
			SHEET 5 OF 5

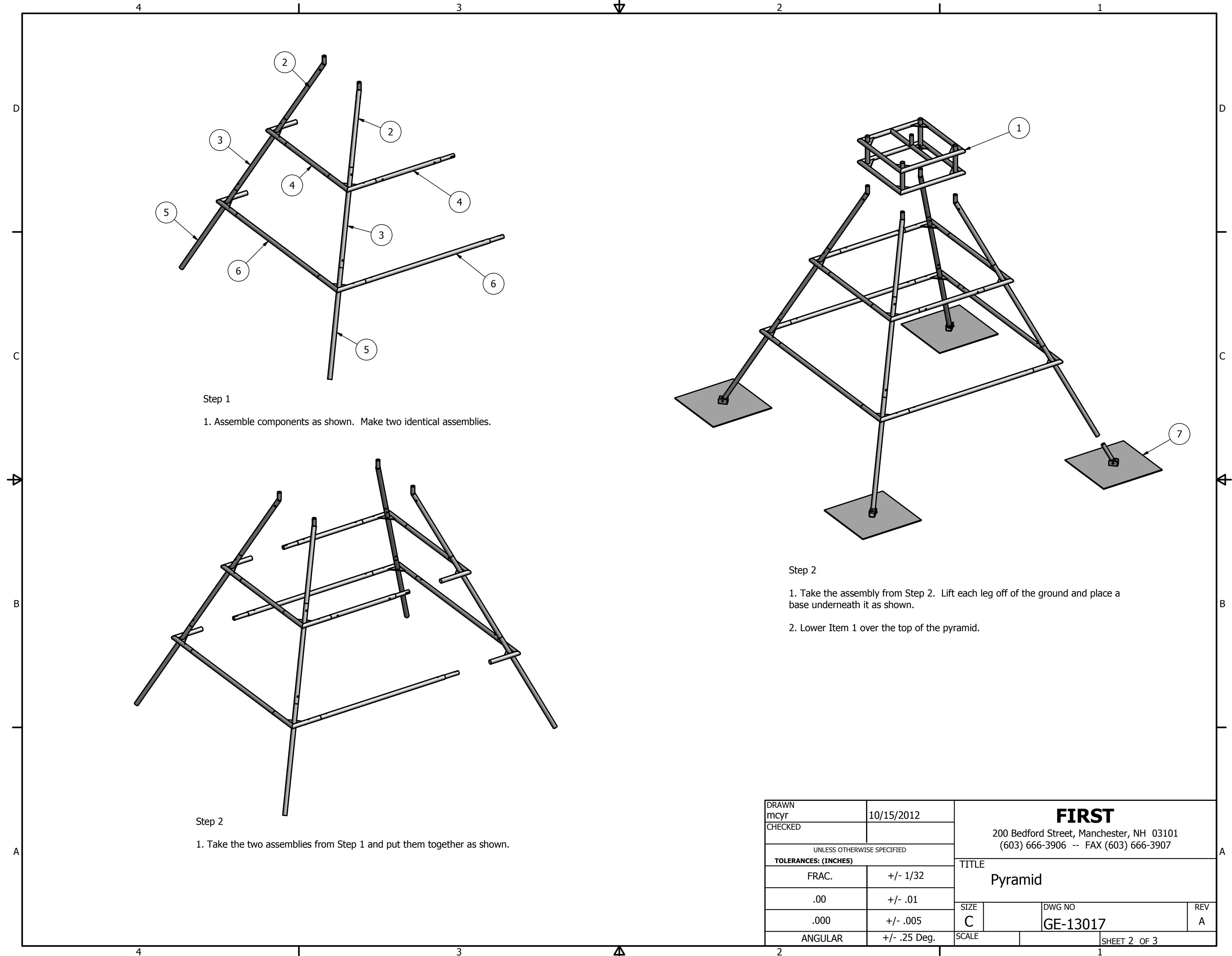
4	3	2	1
REVISION HISTORY			
2-A, 3-D, Sheet 3	A	Added Item 8, Added Sheet 3	2/22/2013 DAF



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-13018	Pyramid Cap
2	4	GE-13019	Pyramid Leg, Base
3	4	GE-13020	Pyramid Leg, Middle
4	4	GE-13021	Middle Rung, Pyramid
5	4	GE-13022	Pyramid Leg, Bottom
6	4	GE-13023	Lower Rung, Pyramid
7	4	GE-13024	Base, Pyramid
8	2	HW-00080	Snap Button, Inverted 1.5 OD Tube

DRAWN mcyr	10/15/2012	<b>FIRST</b>  200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED			
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)			
FRAC.	+/- 1/32		
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.	SCALE	
		DWG NO	
		GE-13017	
		REV	
		A	
SHEET 1 OF 3			



4 3 2 1

D

D

C

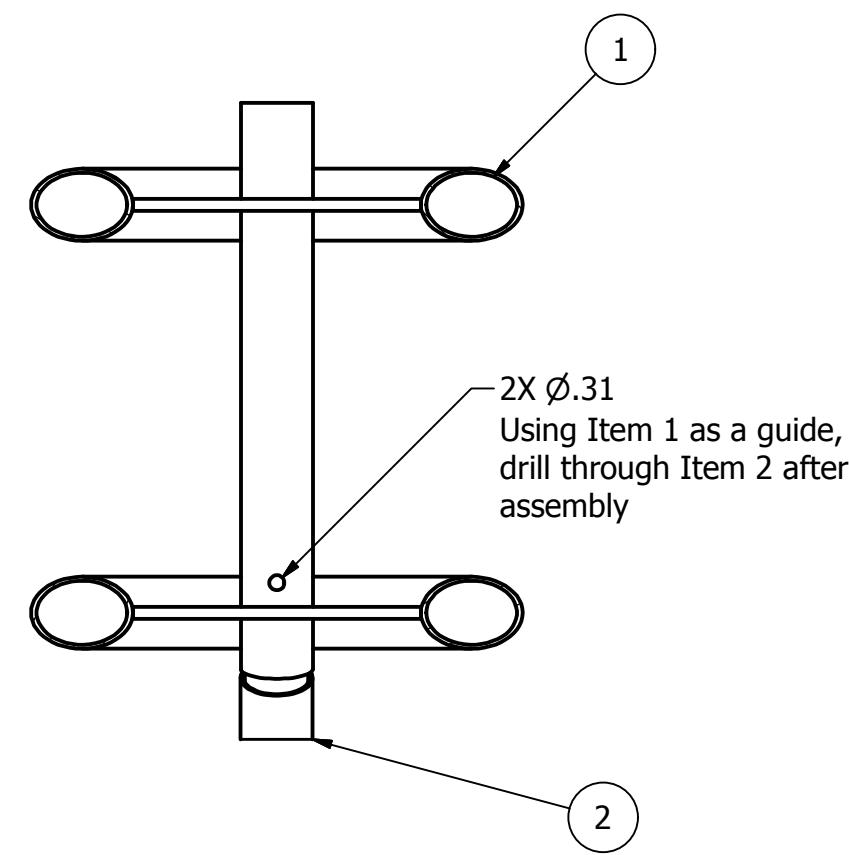
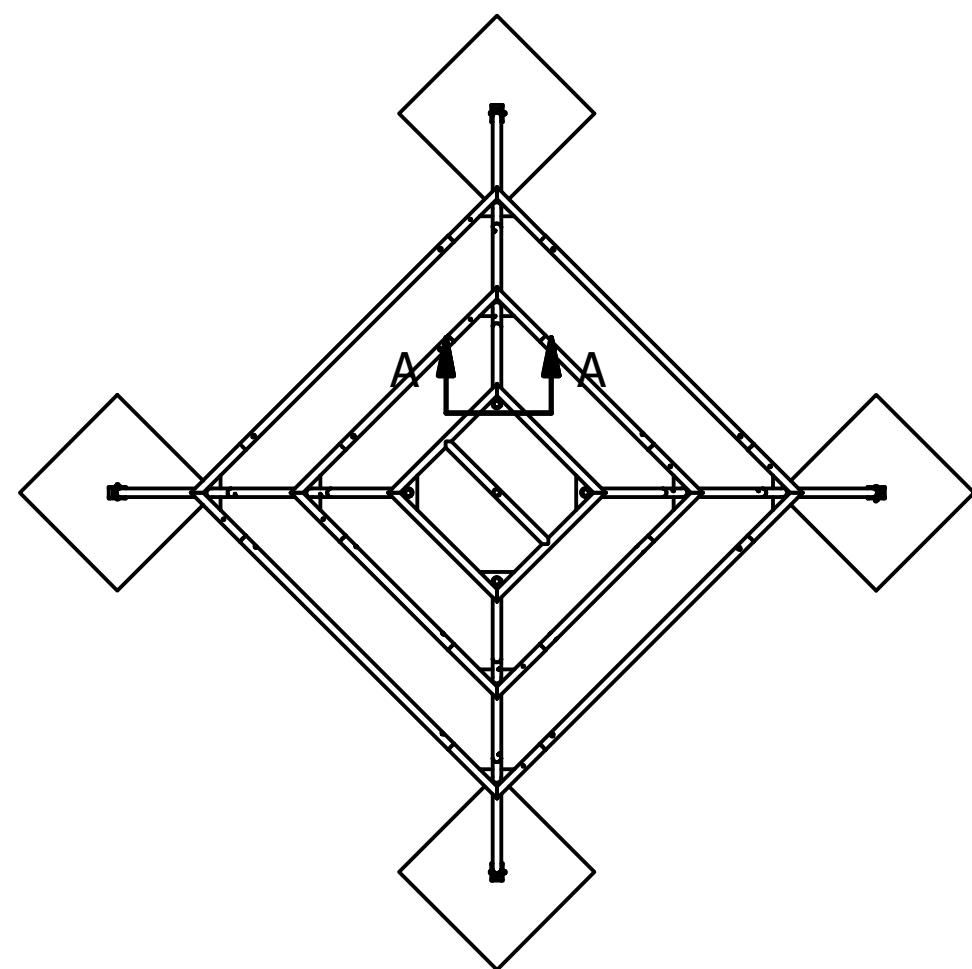
C

B

B

A

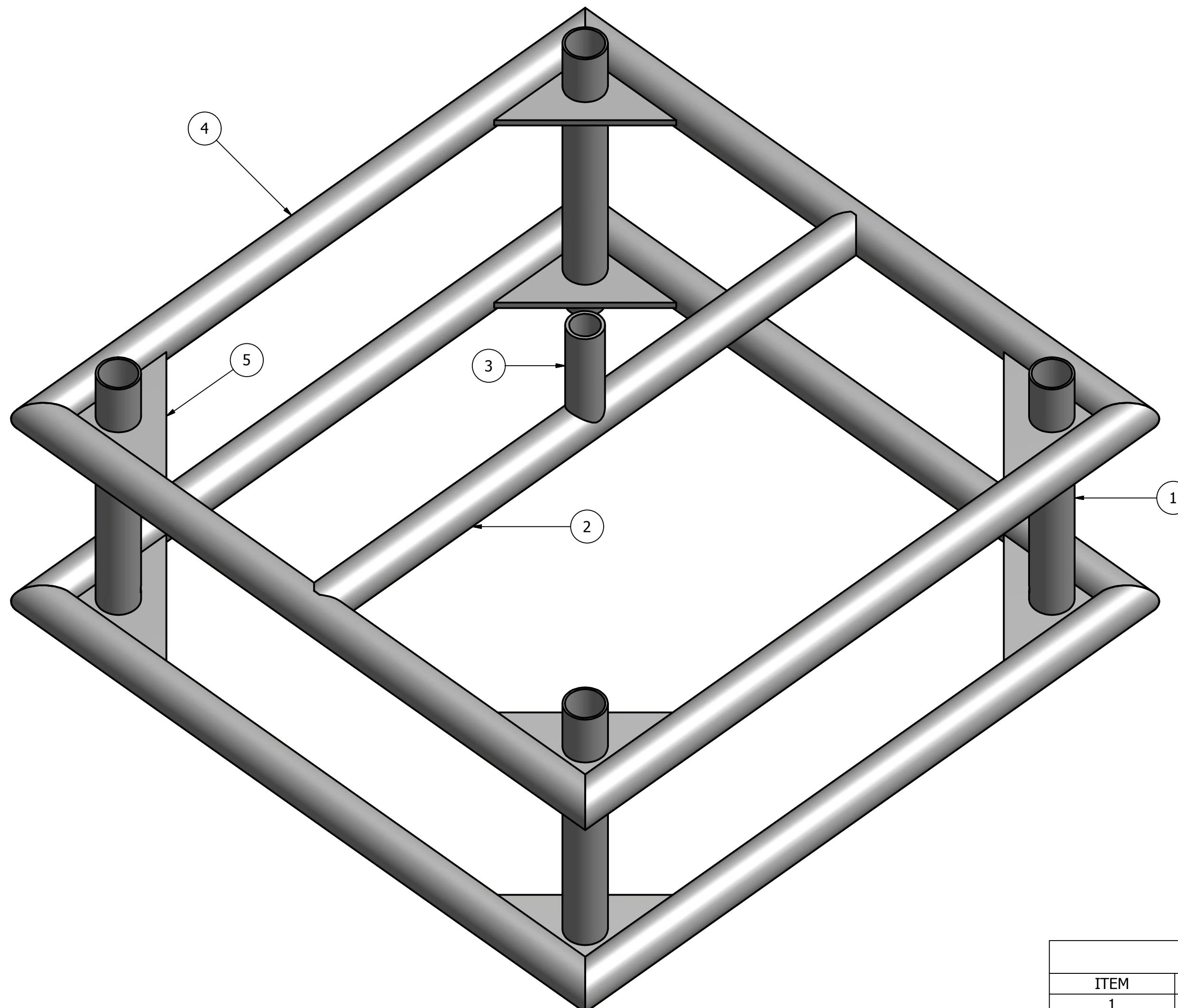
A



SECTION A-A  
SCALE 1 / 4

DRAWN mcyr	10/15/2012	FIRST		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
TOLERANCES: (INCHES)		TITLE		
FRAC.	+/- 1/32	Pyramid		
.00	+/- .01	SIZE		
.000	+/- .005	DWG NO		
ANGULAR	+/- .25 Deg.	SCALE		REV A
				SHEET 3 OF 3

REVISION HISTORY			
ZONE	REV	DESCRIPTION	DATE
D-4	1	Sheet 4, changed dimaension, sheet 5 increased length of part from 10.25 to 12"	11/26/12
A-3	2	Added PMS color number to notes	10/22/2012
B-3, A-3	3	Sheet 4, Added .31 dia holes, Added Section W-W	2/22/2013

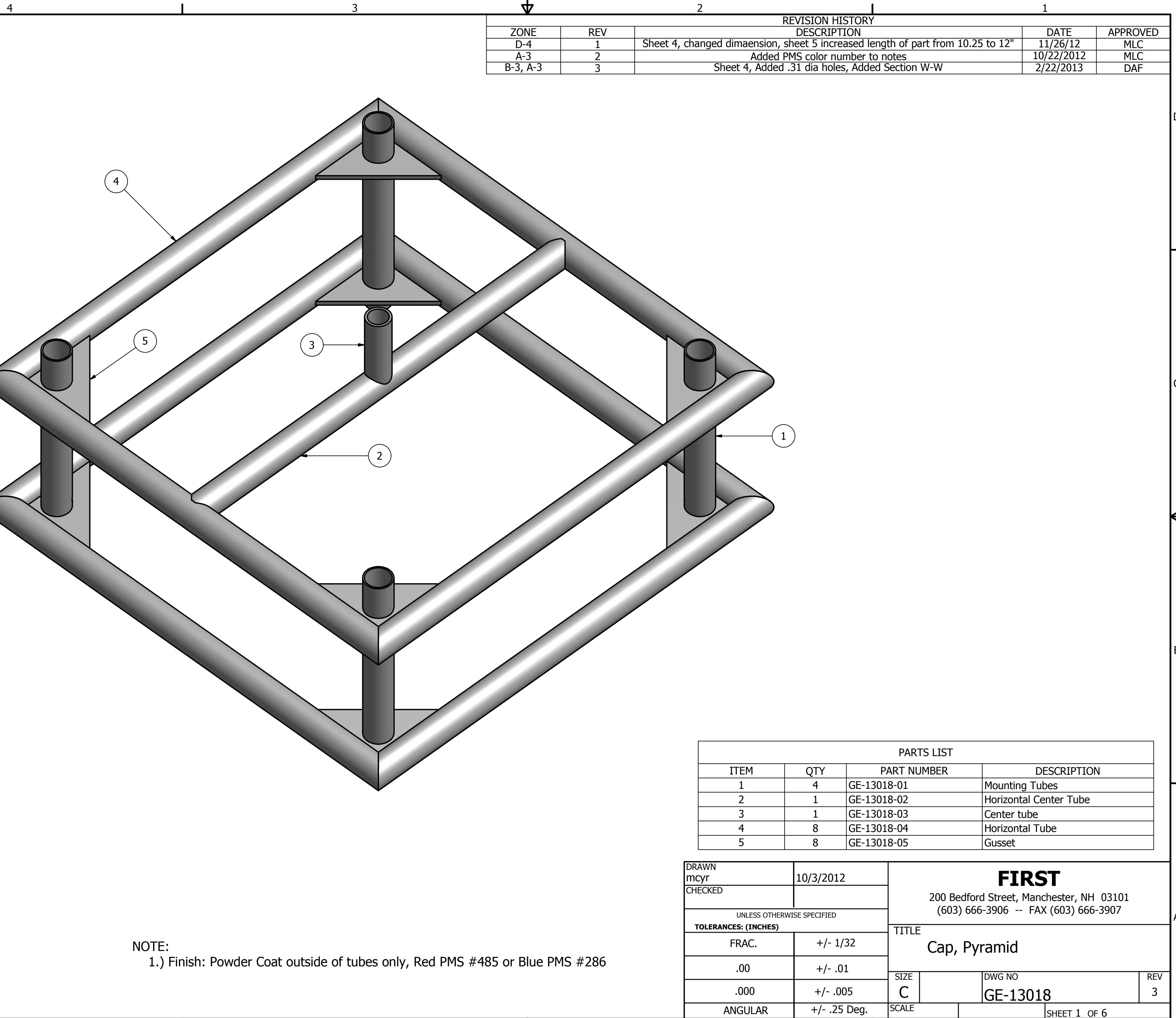


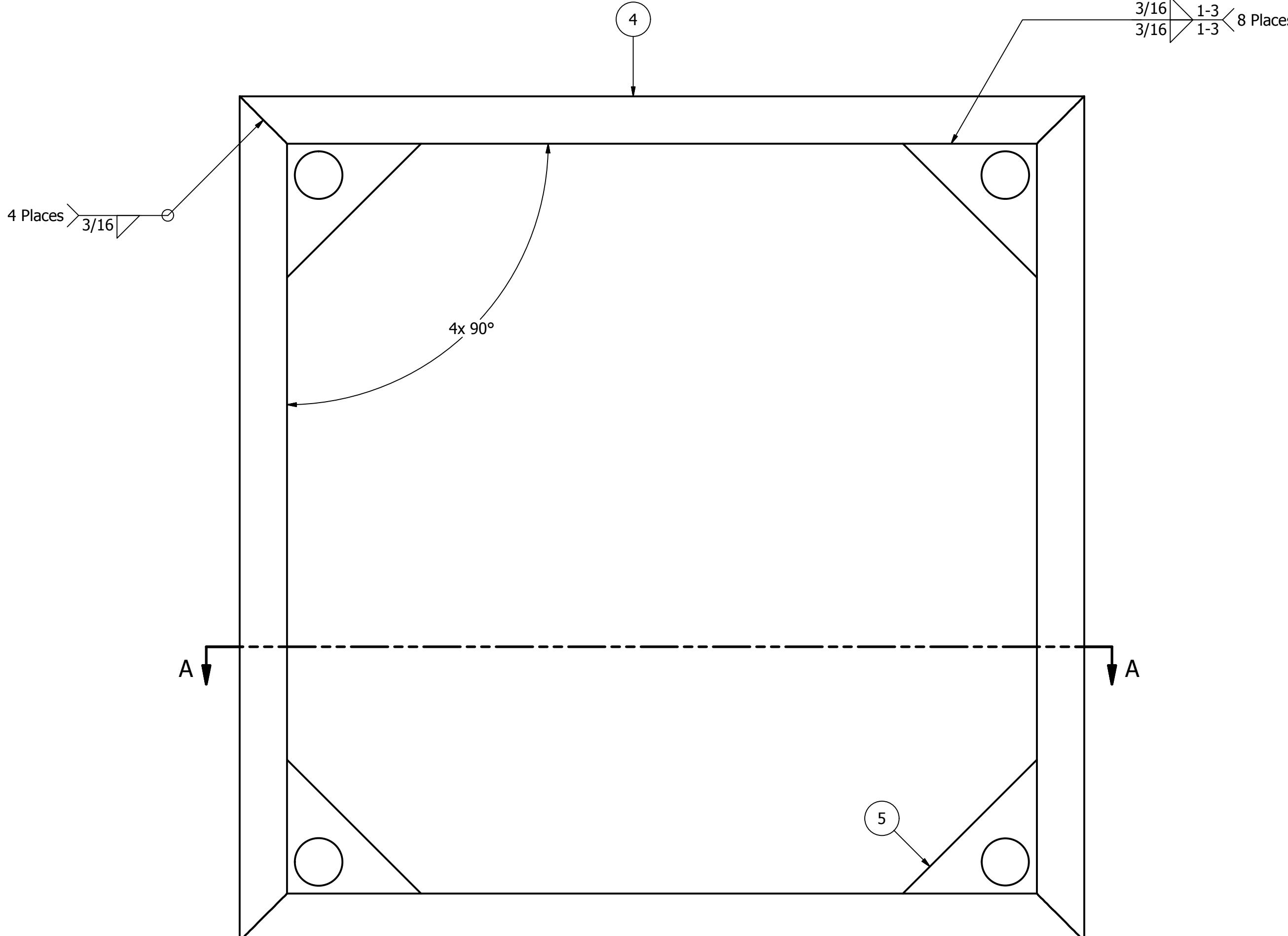
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	GE-13018-01	Mounting Tubes
2	1	GE-13018-02	Horizontal Center Tube
3	1	GE-13018-03	Center tube
4	8	GE-13018-04	Horizontal Tube
5	8	GE-13018-05	Gusset

DRAWN mcyr	10/3/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED			
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)		SCALE	REV
FRAC.	+/- 1/32	C	3
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.	SIZE	DWG NO
			GE-13018
			SHEET 1 OF 6

NOTE:

1.) Finish: Powder Coat outside of tubes only, Red PMS #485 or Blue PMS #286



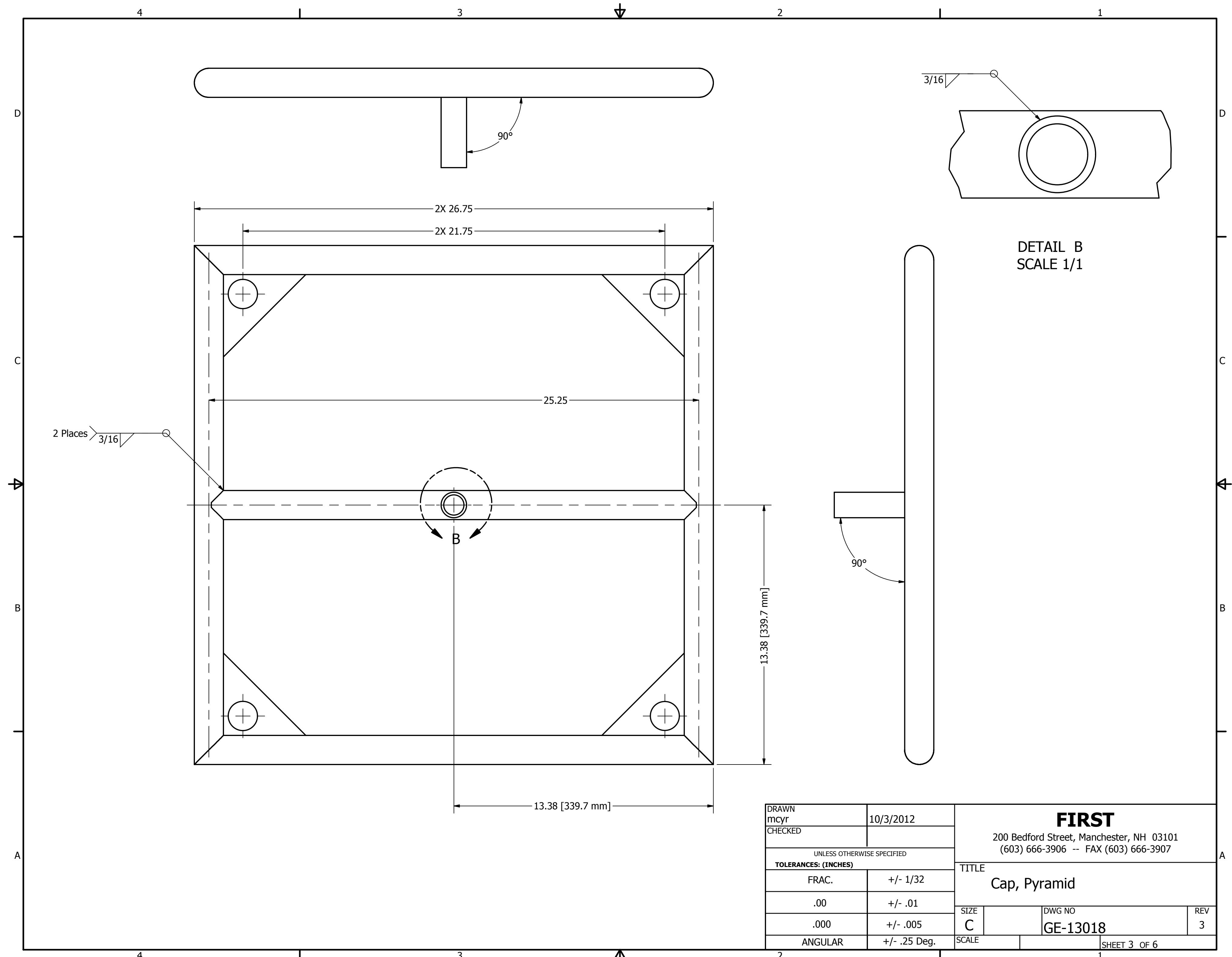


SECTION A-A  
SCALE 1/3

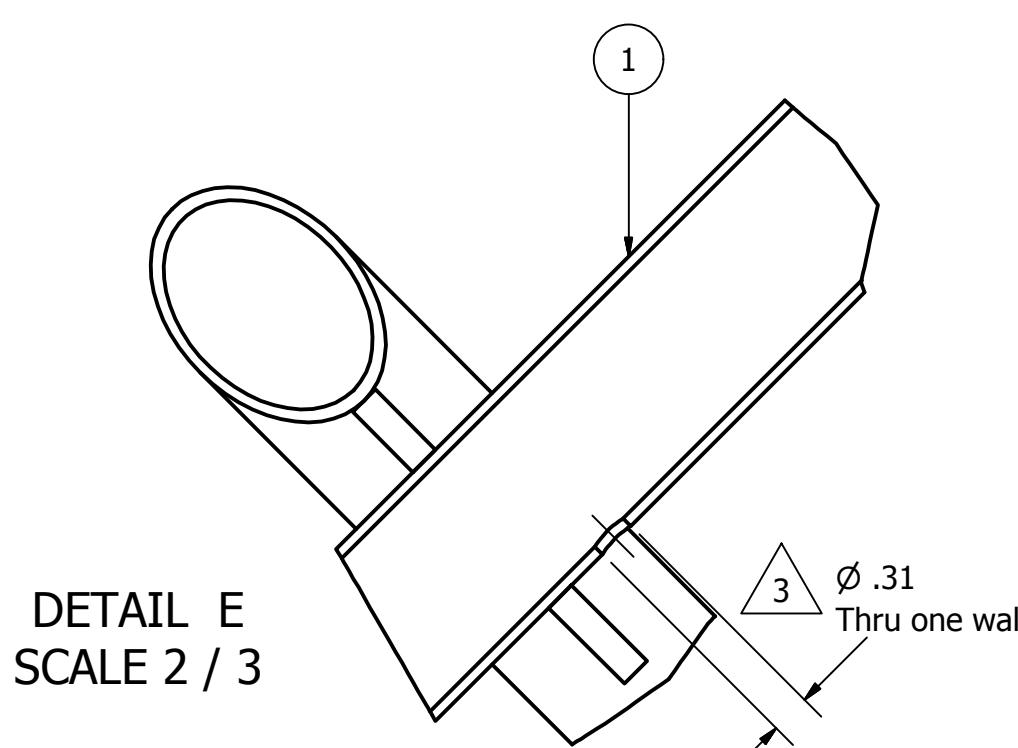
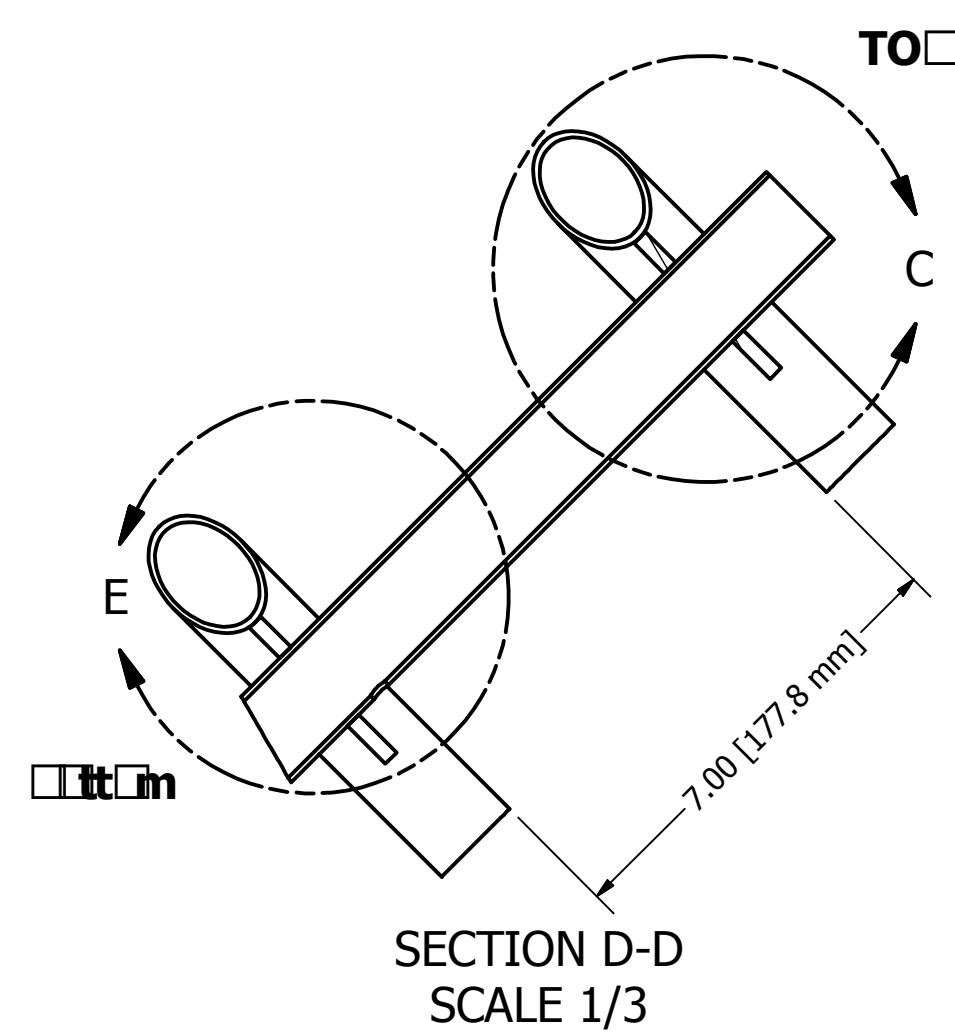
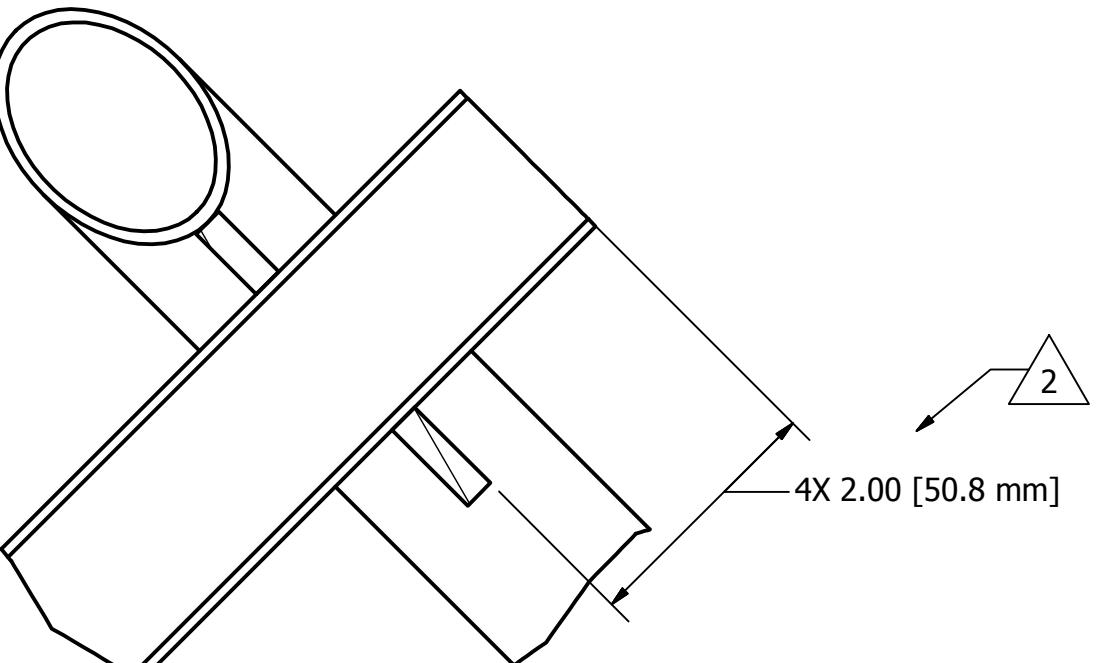
Gusset plate to be welded  
on centerline of tube

**NOTE:**  
 Make template  
 Remove all material  
 Remake all material

DRAWN mcyr	10/3/2012	<b>FIRST</b>		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		<b>TITLE</b>		
FRAC.	+/- 1/32	Cap, Pyramid		
.00	+/- .01	DWG NO		
.000	+/- .005	GE-13018		
ANGULAR	+/- .25 Deg.	SCALE	REV 3	
SHEET 2 OF 6				

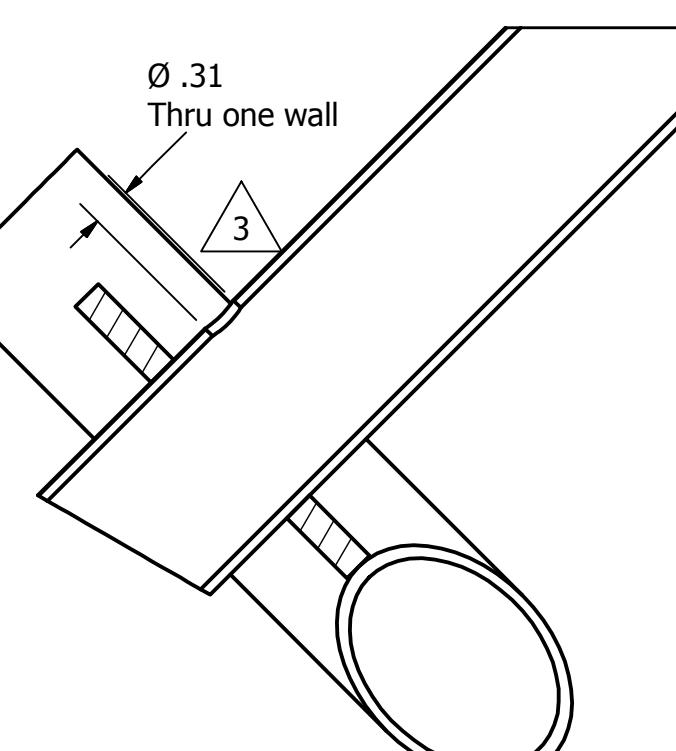


4 3 2 1



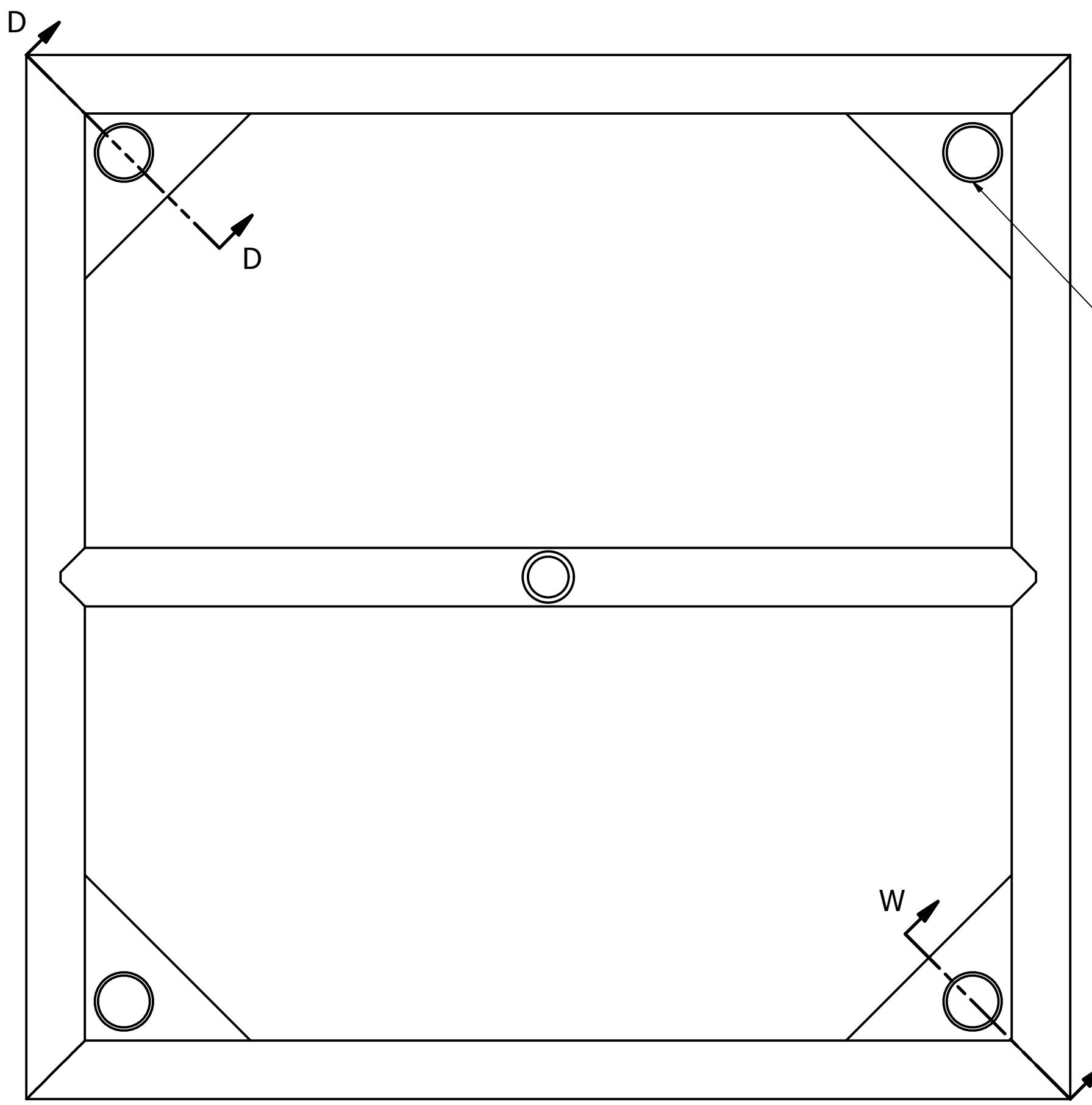
SECTION W-W  
SCALE 2/3

3



3

TOP VIEW



NOTE:

Weld MIG (item 1) in place

DRAWN mcyr	10/3/2012	FIRST	
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)		TITLE	
FRAC.	+/- 1/32	Cap, Pyramid	
.00	+/- .01	SIZE	DWG NO
.000	+/- .005	C	GE-13018
ANGULAR	+/- .25 Deg.	SCALE	REV 3

4 3 2 1

4

2

1

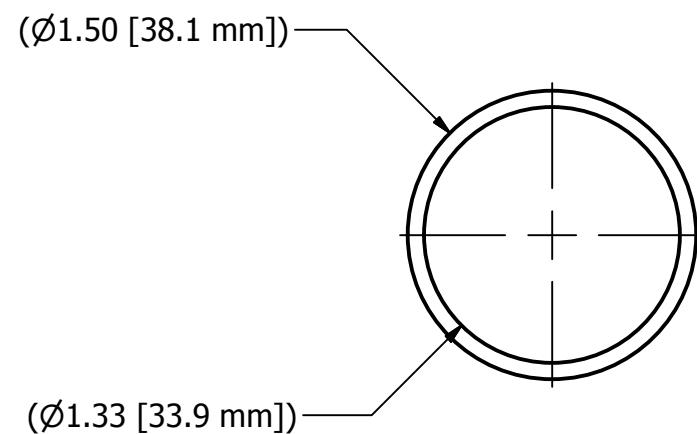
SHEET 4 OF 6

4

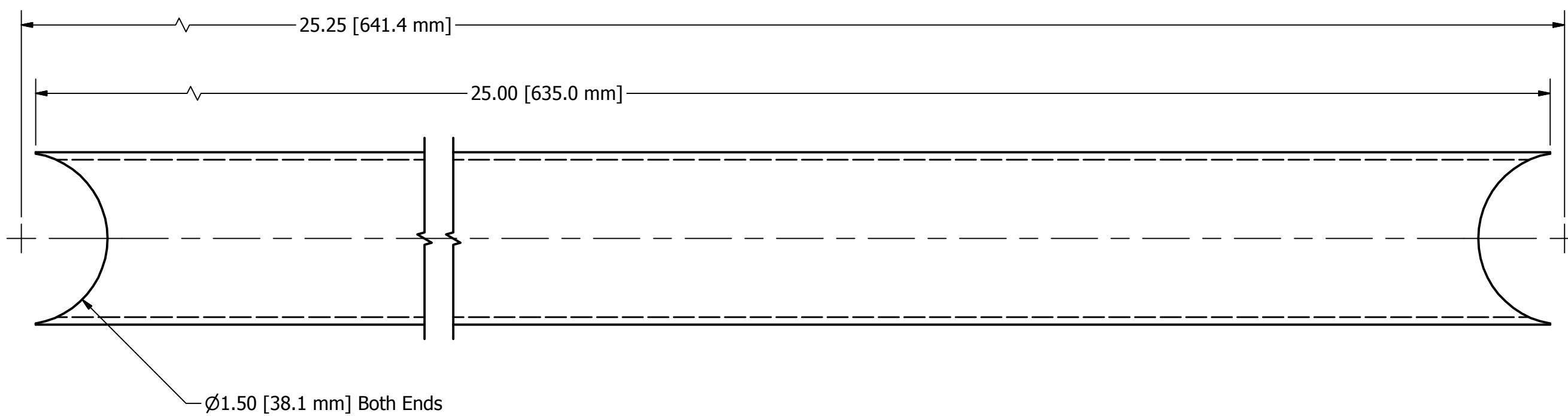
3

2

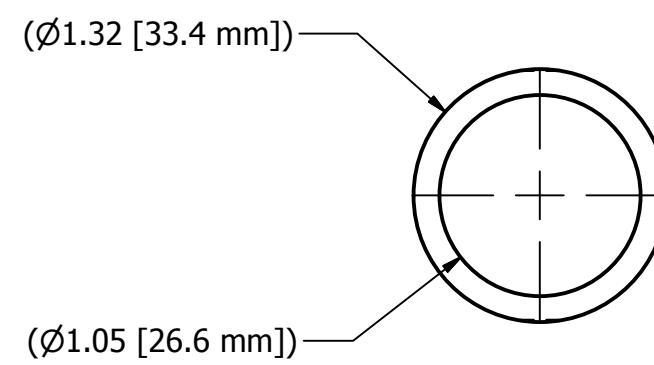
1



**Item:** 1, GE-13018-01, Mounting Tubes  
**Material:** 1-1/2" x .083" wall thickness, 1020 DOM Structural steel round tube  
**Scale:** 1/1  
**QTY:** 4

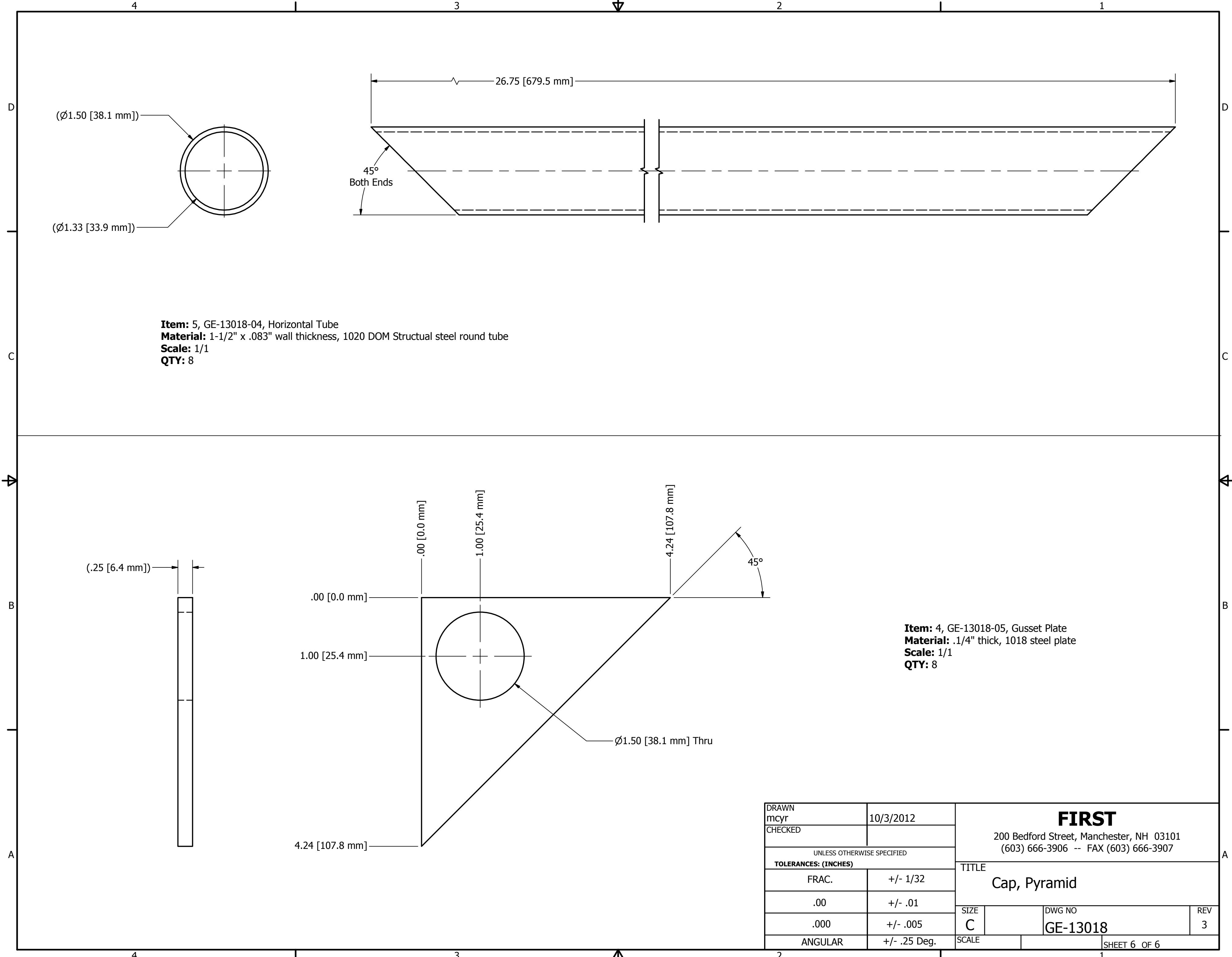


**Item:** 2, GE-13018-02, Horizontal Center Tube  
**Material:** 1-1/2" x .083" wall thickness, 1020 DOM Structural steel round tube  
**Scale:** 1/1  
**QTY:** 1



**Item:** 3, GE-13018-03, Center Tube  
**Material:** 1" Schedule 40, A500 steel tube  
**Scale:** 1/1  
**QTY:** 1

DRAWN mcyr	10/3/2012	<b>FIRST</b>				
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907				
UNLESS OTHERWISE SPECIFIED						
<b>TOLERANCES: (INCHES)</b>			<b>TITLE</b>			
FRAC.	+/- 1/32	Cap, Pyramid				
.00	+/- .01					
.000	+/- .005	SIZE	DWG NO	REV		
ANGULAR	+/- .25 Deg.	C	GE-13018	3		
SCALE						
SHEET 5 OF 6						



4

3

2

1

▼

## REVISION HISTORY

ZONE	REV	DESCRIPTION	DATE	APPROVED
A-3	2	Added PMS color numbers to the notes	10/22/2012	MLC
B-3	2	Sheet 3, changed length of item #2 from 13" to 3" and removed thru hole	11/17/12	MLC

D

D

C

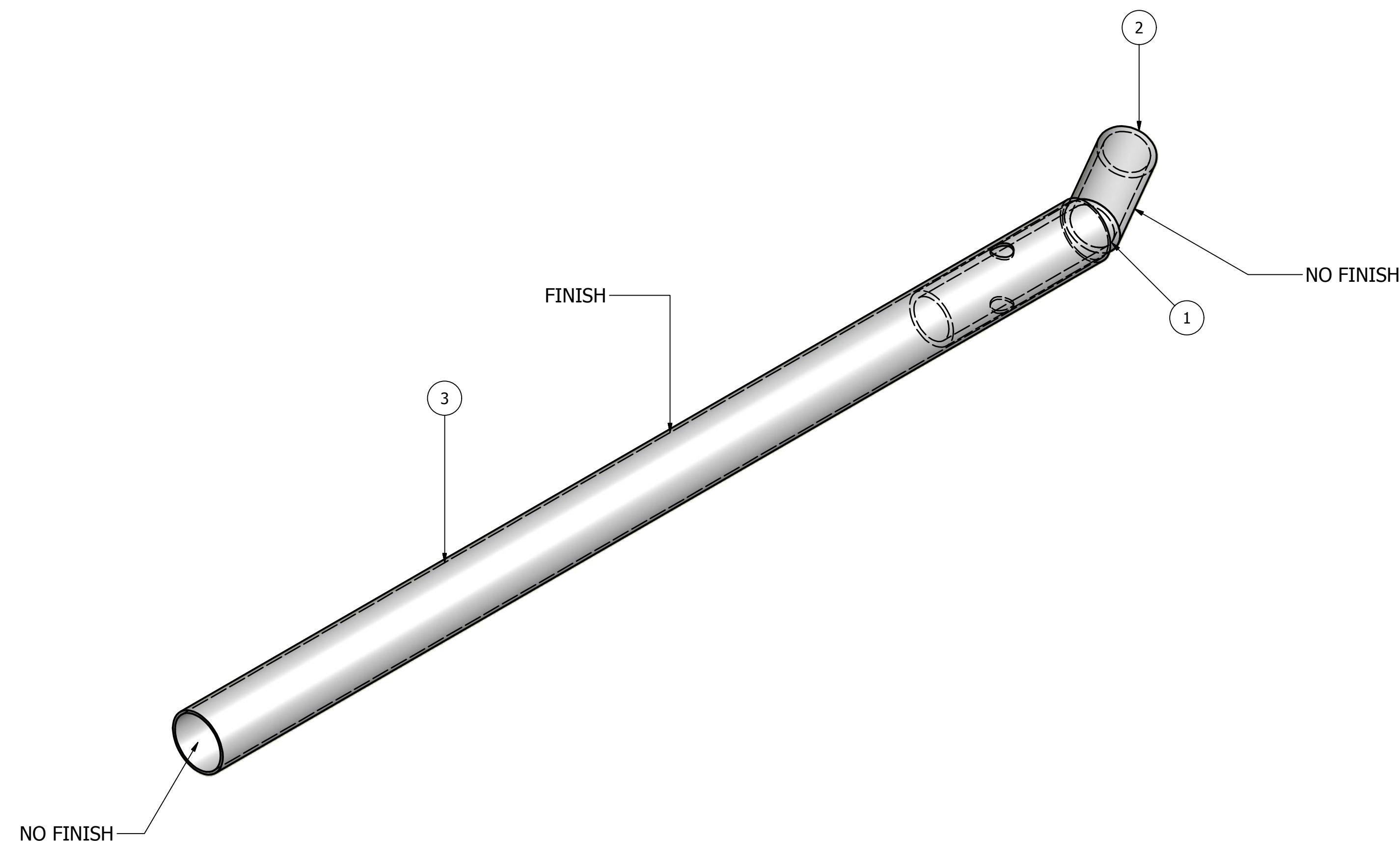
C

B

B

A

A



## NOTE:

1.) Finish: Powder Coat, Red PMS #485 or Blue PMS #286

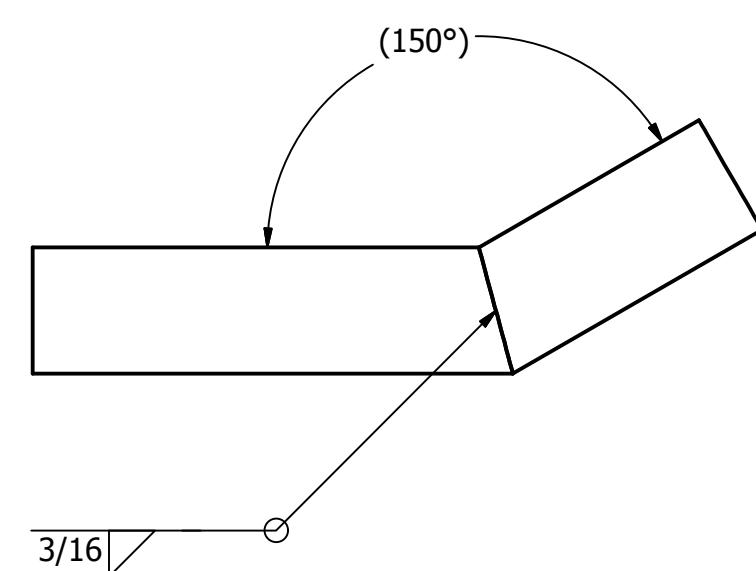
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-13019-01	Short Insert
2	1	GE-13019-02	Long Insert
3	1	GE-13019-03	Outer Tube

DRAWN mcyr	10/11/2012	<b>FIRST</b>  200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED			
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)			
FRAC.	+/- 1/32		
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.	SIZE C	
		DWG NO GE-13019	
		REV 2	
		SHEET 1 OF 4	

4 3 2 1

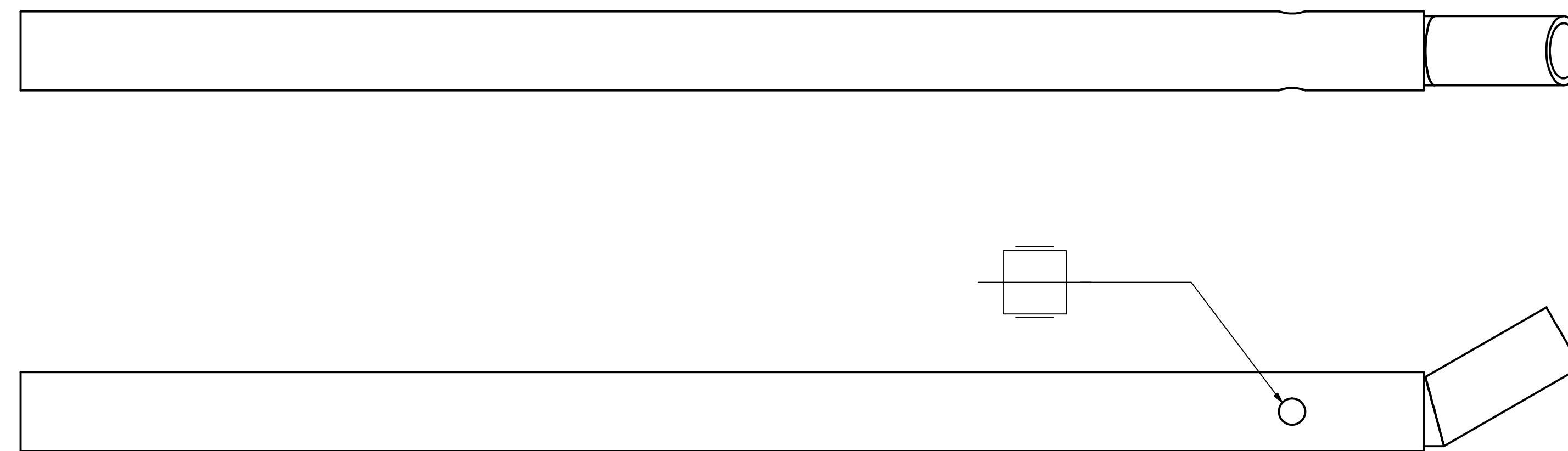
D

D



C

C



B

B

DRAWN mcyr	10/11/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED					
UNLESS OTHERWISE SPECIFIED					
TOLERANCES: (INCHES)					
FRAC.	+/- 1/32	TITLE Pyramid Leg, Base	DWG NO GE-13019		
.00	+/- .01				
.000	+/- .005				
ANGULAR	+/- .25 Deg.	SCALE	REV 2		
SHEET 2 OF 4					

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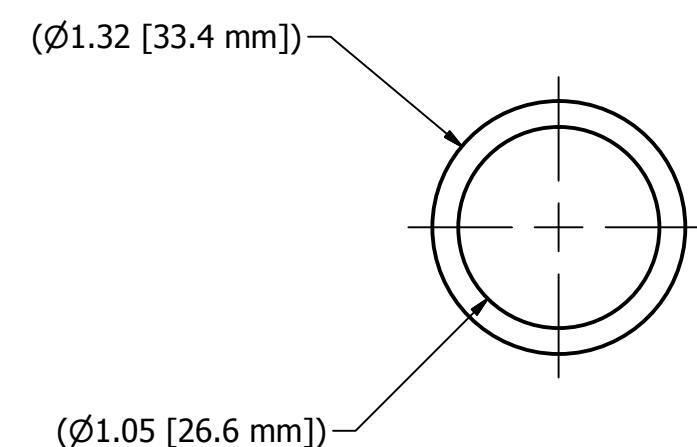
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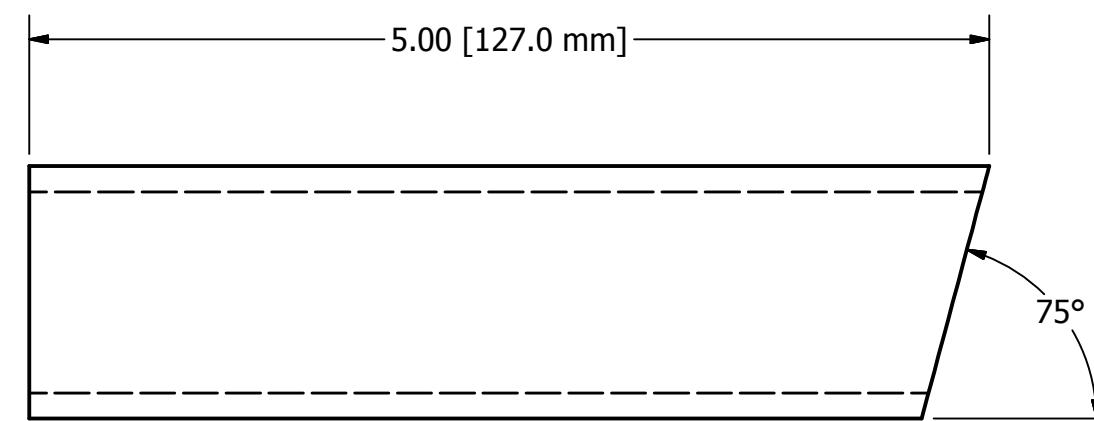
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**Item:** 1 GE-13019-01, Short Insert  
**Material:** 1" Schedule 40, A500 Steel Tube  
**Scale:** 1/1  
**QTY:** 1

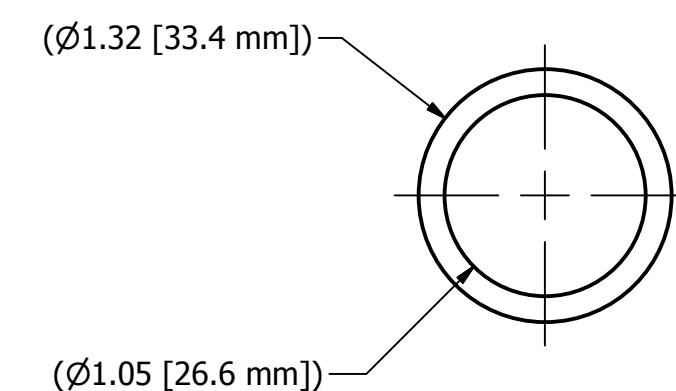


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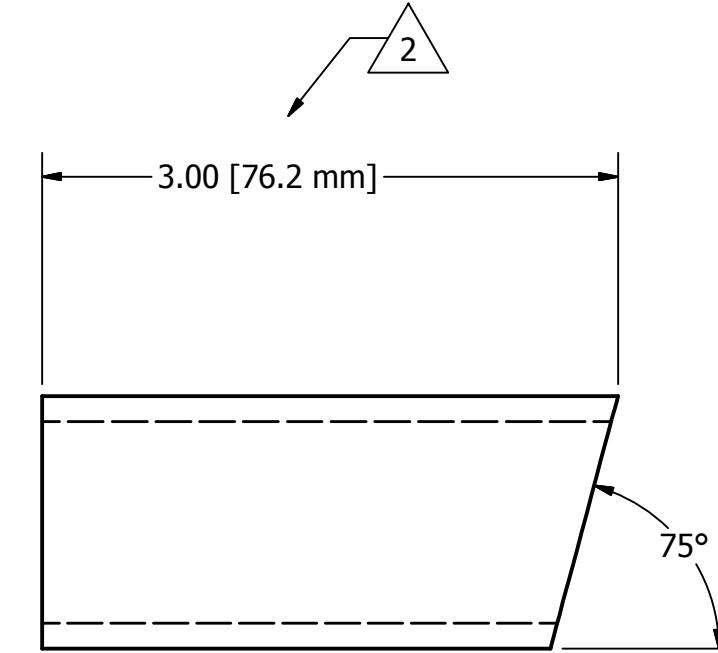
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**Item:** 2 GE-13019-02, Long Insert  
**Material:** 1" Schedule 40, A500 Steel Tube  
**Scale:** 1/1  
**QTY:** 1



DRAWN mcyr	10/11/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		TITLE		
FRAC.	+/- 1/32	Pyramid Leg, Base		
.00	+/- .01	SIZE		
.000	+/- .005	DWG NO		
ANGULAR	+/- .25 Deg.	SCALE		REV
				2
				SHEET 3 OF 4

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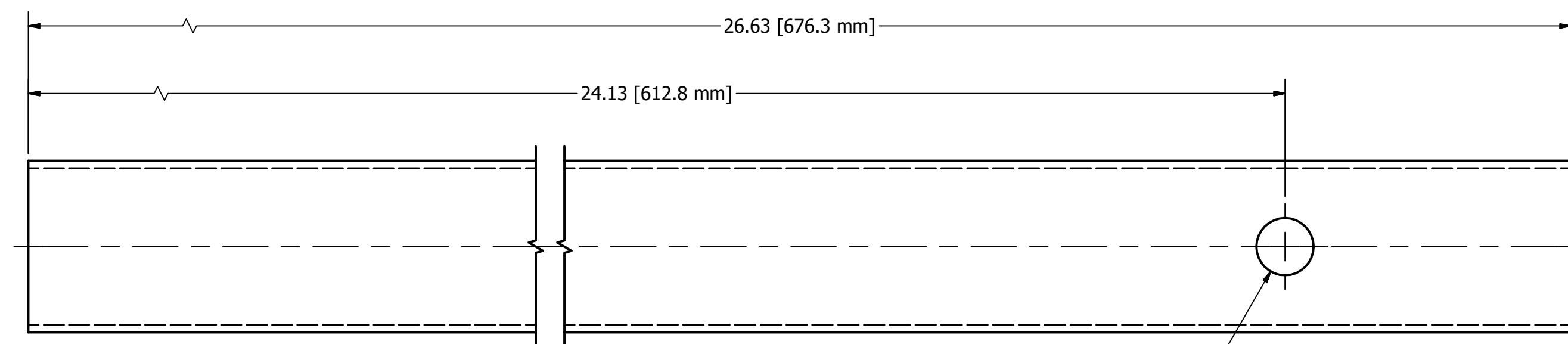
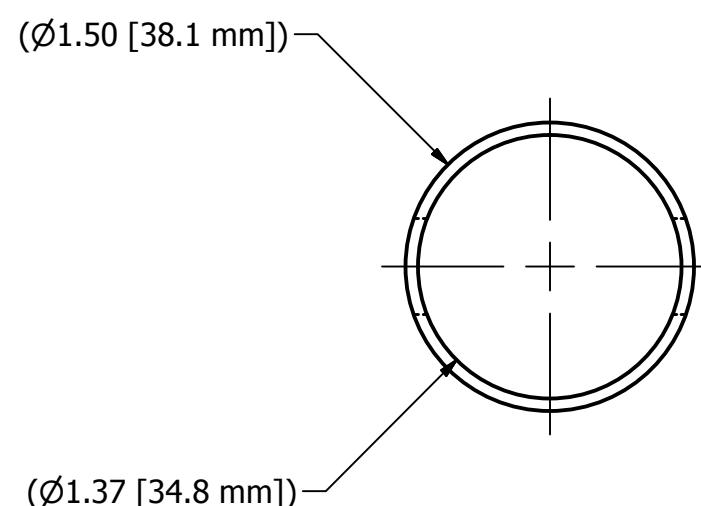
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**Item:** 3 GE-13019-03, Outer Tube  
**Material:** 1-1/2" x .083" wall thickness, 1020 DOM Structural Steel Round Tube  
**Scale:** 1/1  
**QTY:** 1

DRAWN mcyr	10/11/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
CHECKED							
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	+/- 1/32	<b>TITLE</b> Pyramid Leg, Base					
.00	+/- .01						
.000	+/- .005	SIZE <b>C</b>	DWG NO <b>GE-13019</b>	REV 2			
ANGULAR	+/- .25 Deg.	SCALE		SHEET 4 OF 4			

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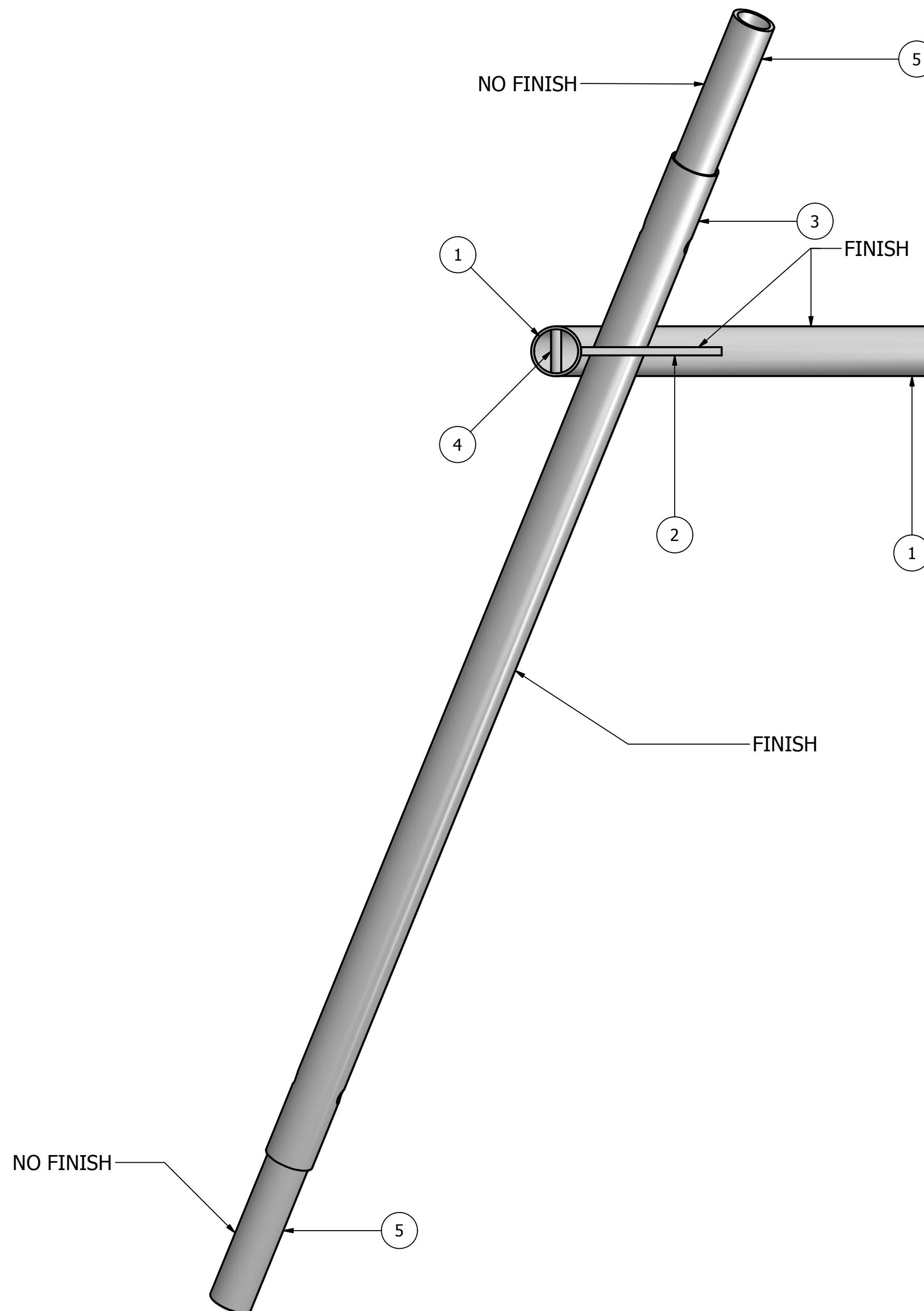
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4	3	1	2	1
		REVISION HISTORY		
		ZONE	REV	DESCRIPTION
		A-3	1	Added PMS color numbers to the notes
				DATE APPROVED
				10/22/2012 MLC

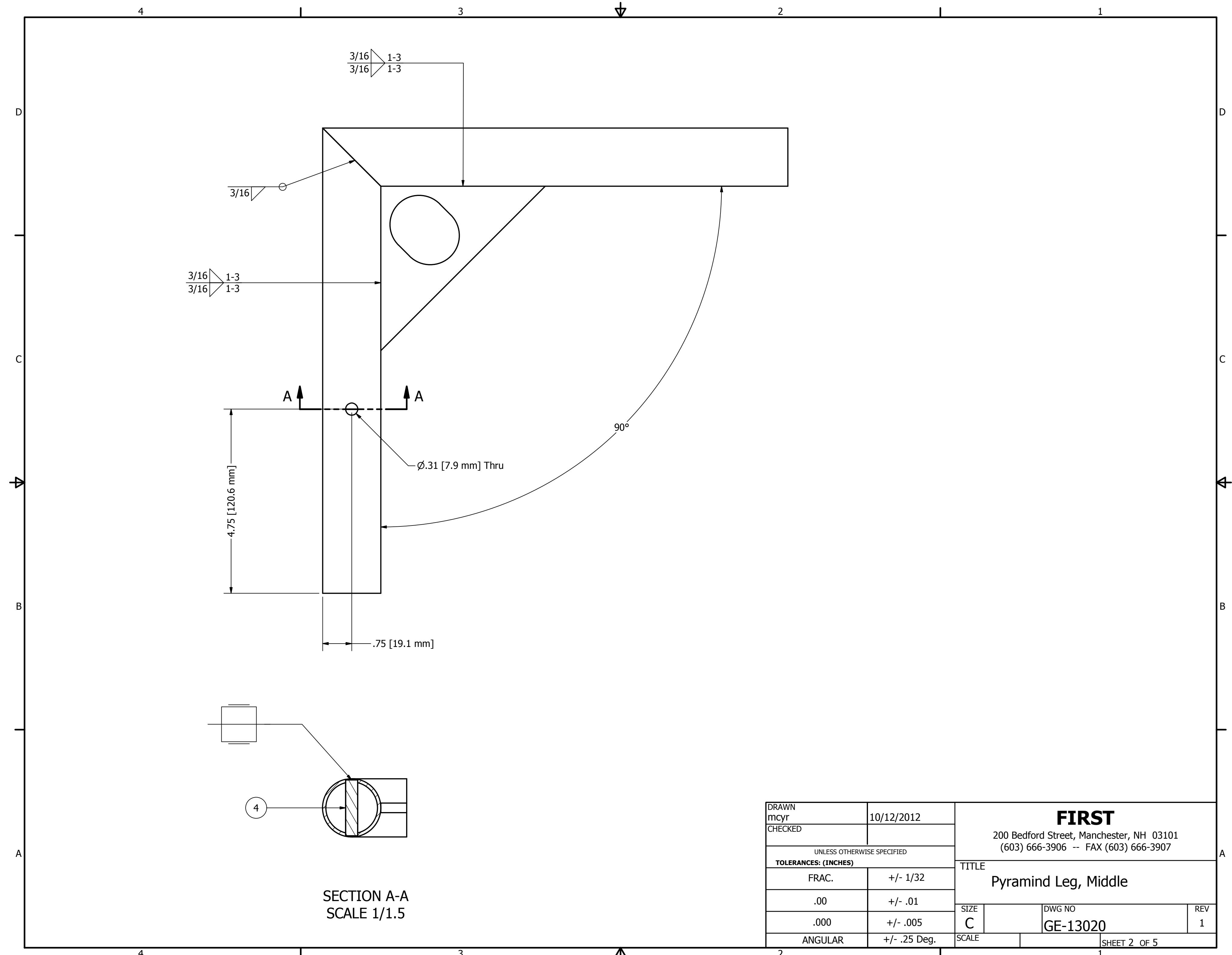


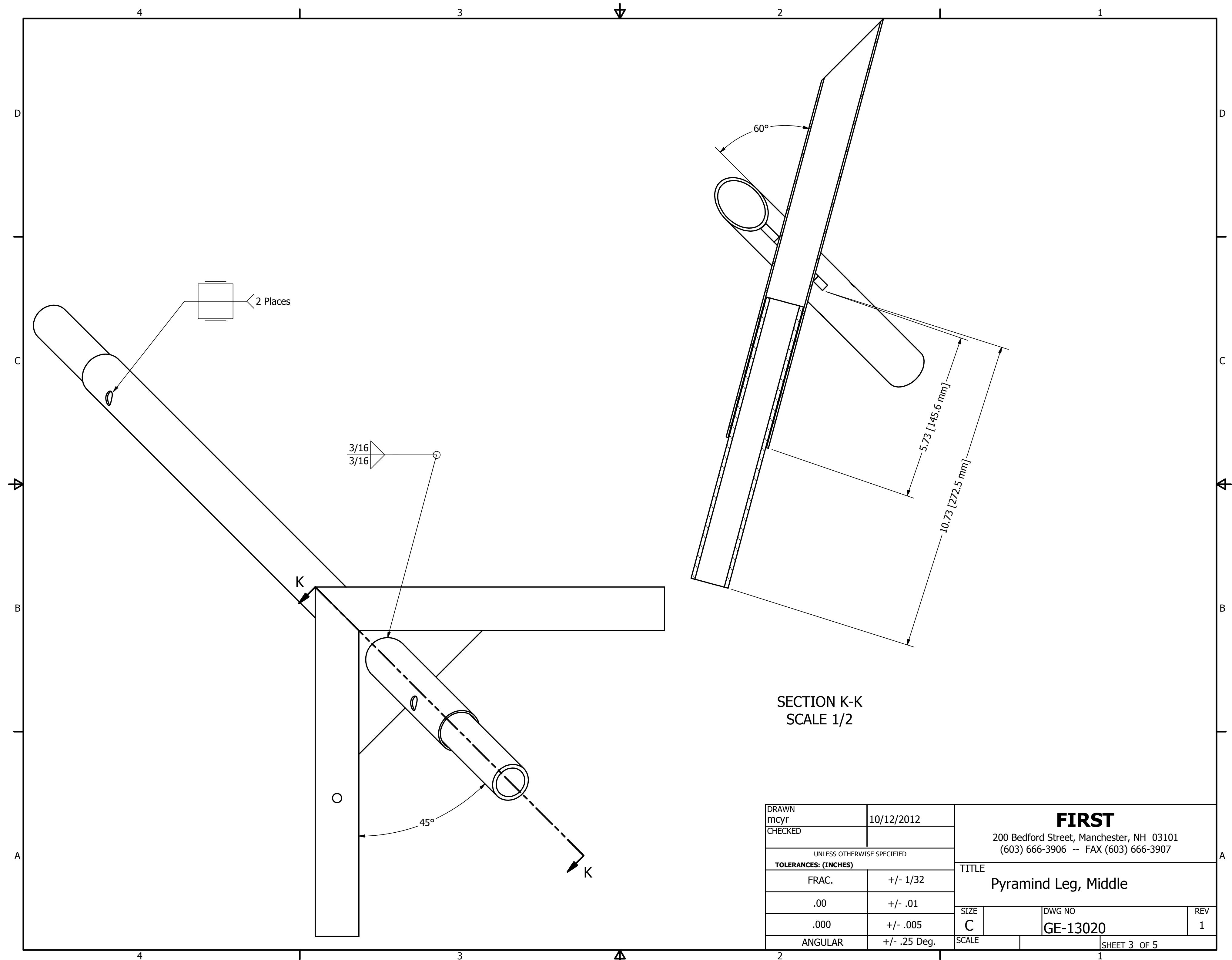
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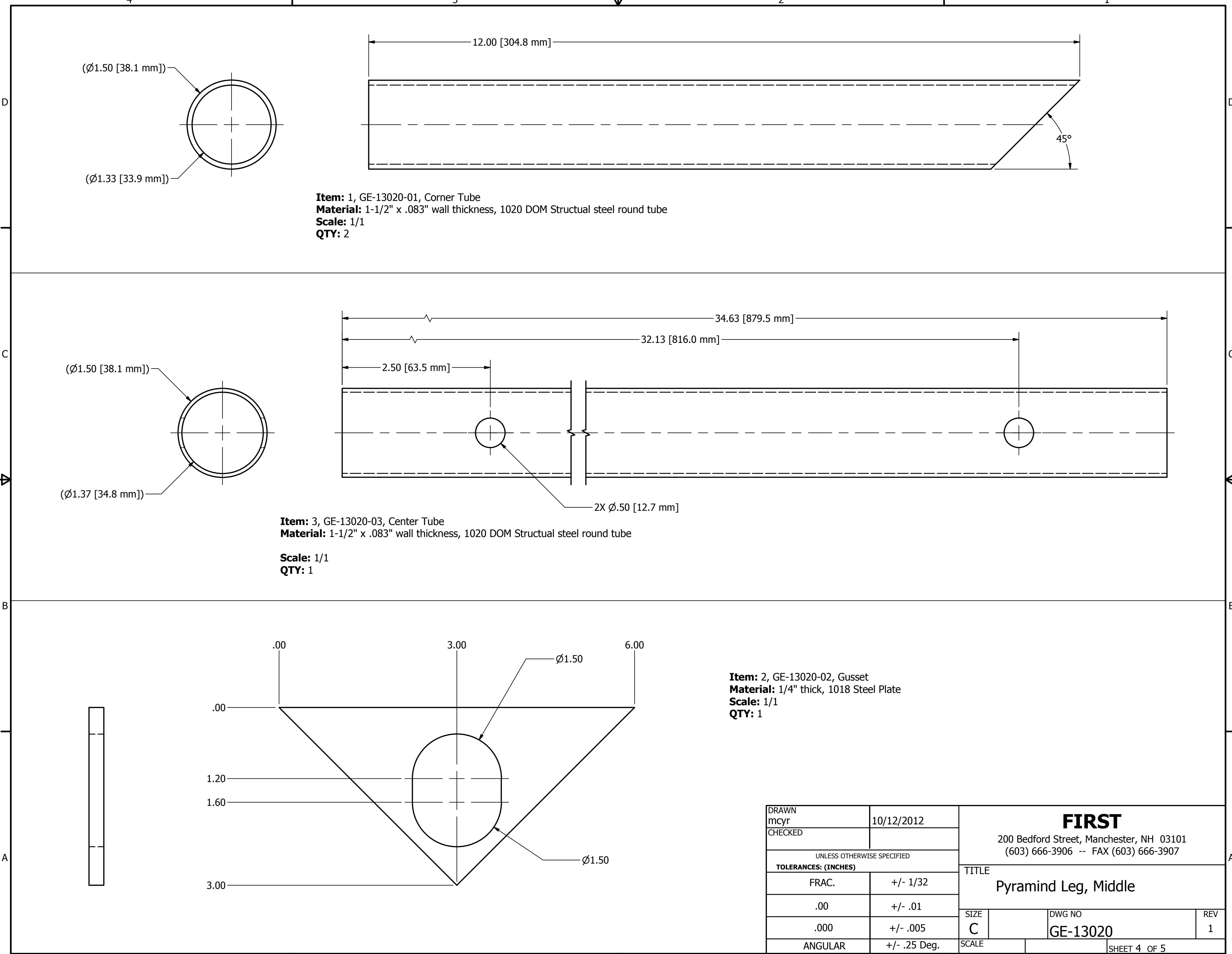
- 1.) Finish: Powder coat outside of tube only, Red PMS #485 or Blue PMS #286

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	GE-13020-01	Corner Tube
2	1	GE-13020-02	Gusset
3	1	GE-13020-03	Center Tube
4	1	GE-13020-04	Tube Stop
5	2	GE-13020-05	Inner Tube

DRAWN mcyr	10/12/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907 <b>TITLE</b> Pyramid Leg, Middle	
CHECKED			
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)			
FRAC.	+/- 1/32		
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.		
SIZE C	DWG NO <b>GE-13020</b>	REV 1	
SCALE		SHEET 1 OF 5	

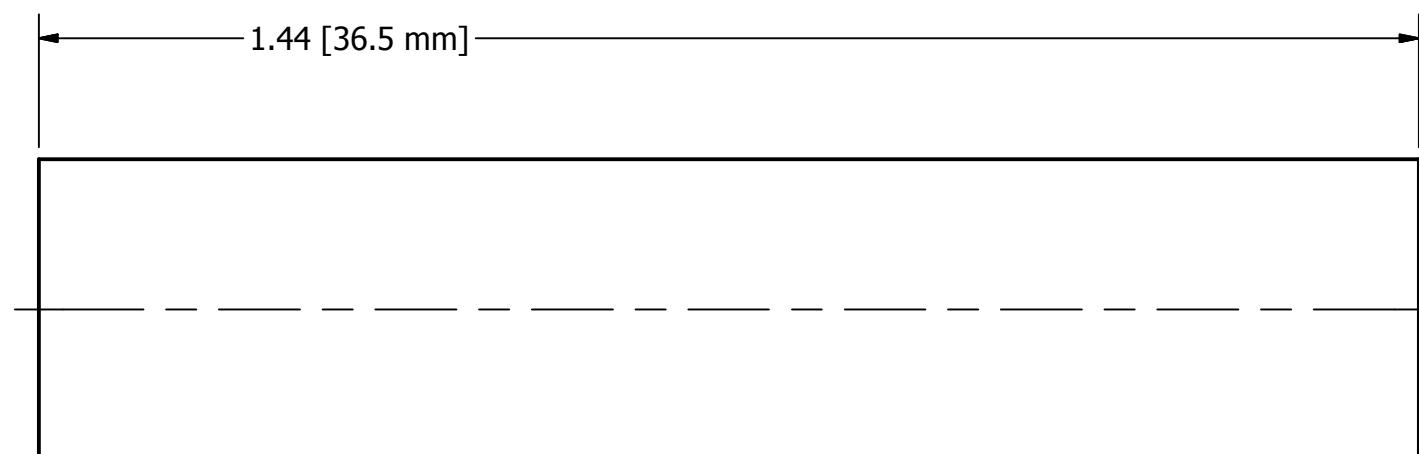
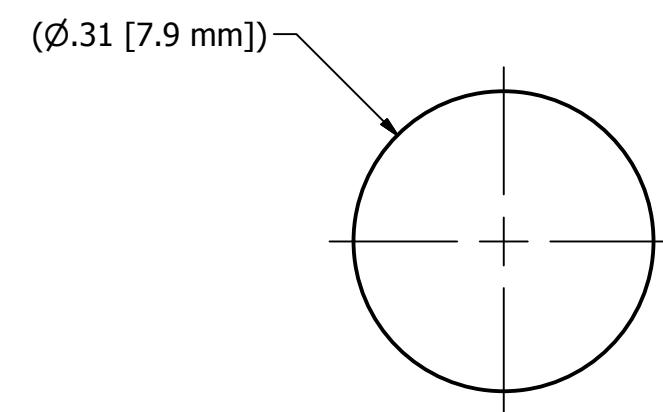






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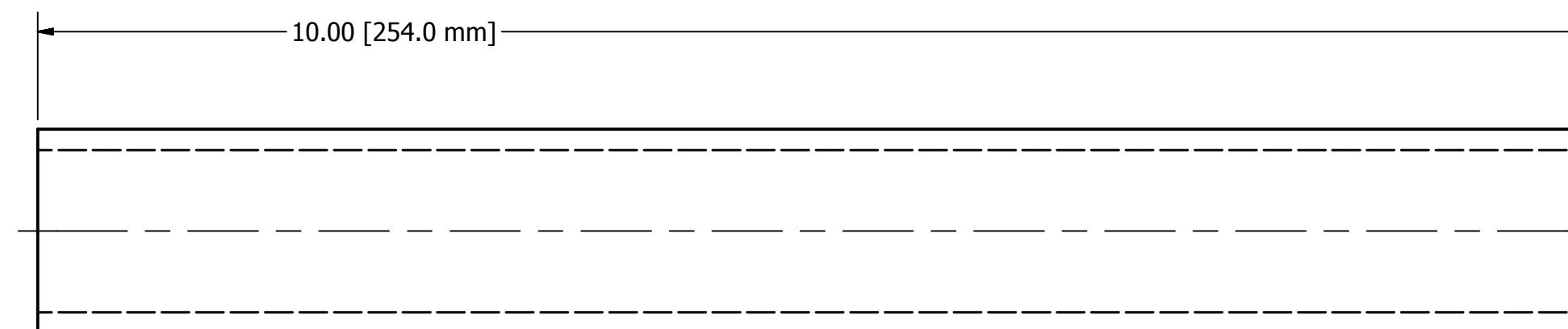
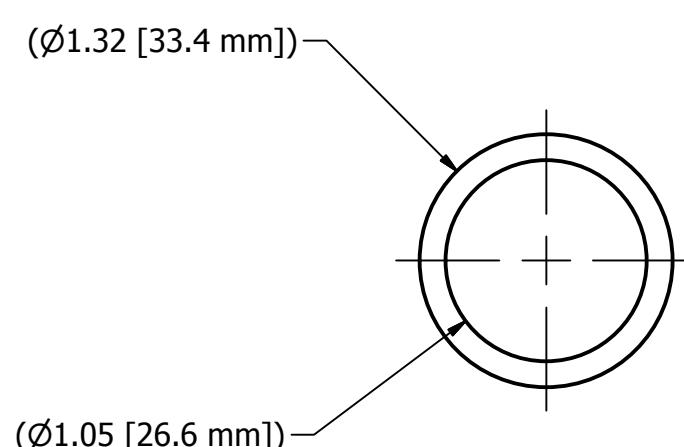
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**Item:** 4, GE-13020-04, Tube Stop  
**Material:** .31" OD, 1018 Steel Round Bar  
**Scale:** 1/1  
**QTY:** 1

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**Item:** 5, GE-13020-05, Inner Tube  
**Material:** 1" Schedule 40, A500 Steel Tube  
**Scale:** 1/1  
**QTY:** 2

DRAWN mcyr	10/12/2012	FIRST				
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907				
UNLESS OTHERWISE SPECIFIED						
TOLERANCES: (INCHES)			TITLE			
FRAC.	+/- 1/32	Pyramind Leg, Middle				
.00	+/- .01	SIZE				
.000	+/- .005	DWG NO				
ANGULAR	+/- .25 Deg.	SCALE		REV 1		
			SHEET 5 OF 5			

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## REVISION HISTORY

## DESCRIPTION

ZONE	REV	DESCRIPTION	DATE	APPROVED
A-3	1	Added PMS color numbers to the notes	10/22/2012	MLC

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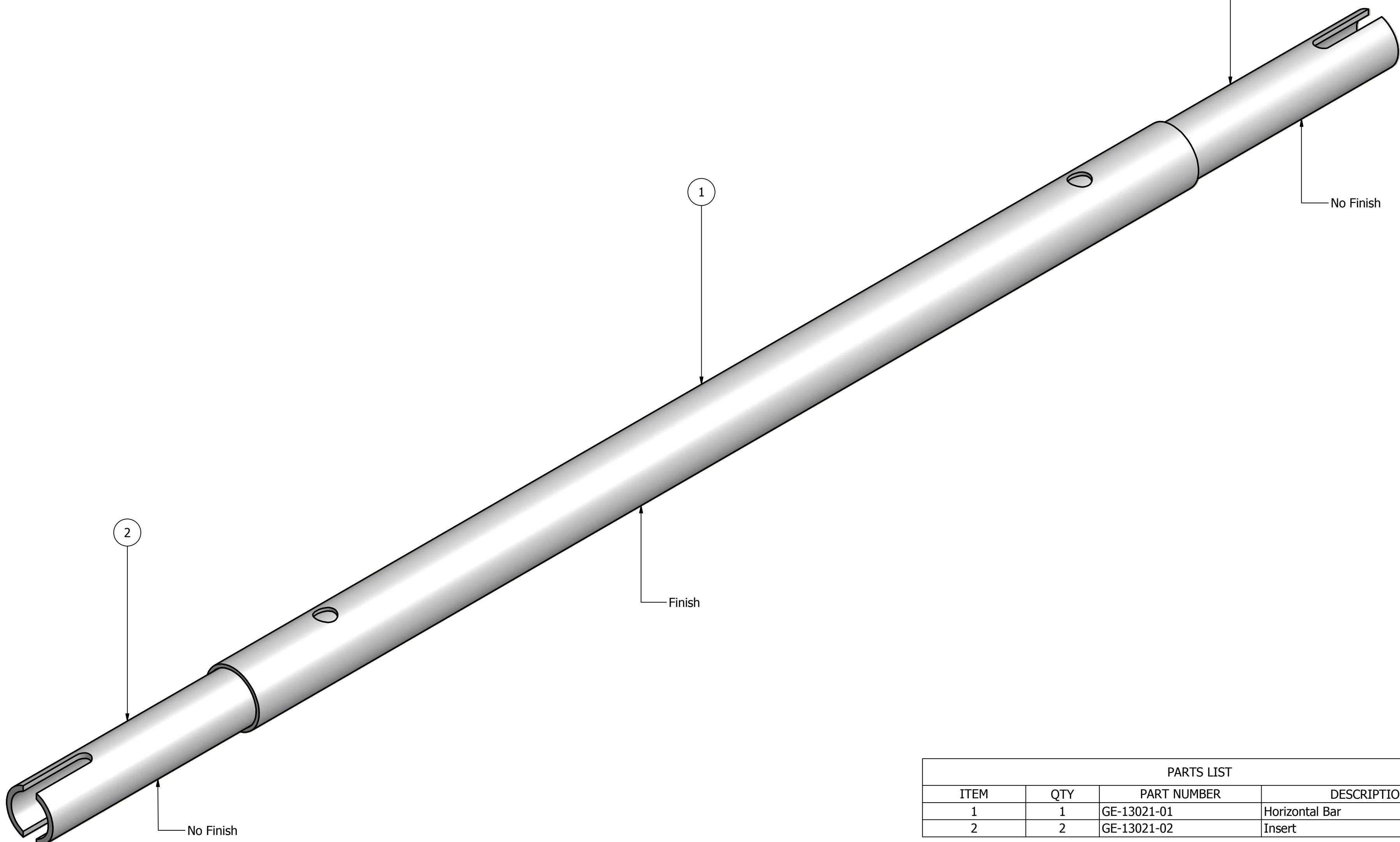
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## NOTE:

1.) Finish: Powder coat Red PMS #485 or Blue PMS #286

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-13021-01	Horizontal Bar
2	2	GE-13021-02	Insert

DRAWN mcyr	10/4/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED			
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)		SIZE C	SCALE
FRAC.	+/- 1/32	DWG NO GE-13021	REV 1
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.		
		SHEET 1 OF 3	

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DRAWN mcyr	10/4/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		FRAC.	+/- 1/32	
.00			+/- .01	
.000			+/- .005	
ANGULAR	+/- .25 Deg.	SCALE	DWG NO <b>GE-13021</b>	REV 1
			SHEET 2 OF 3	

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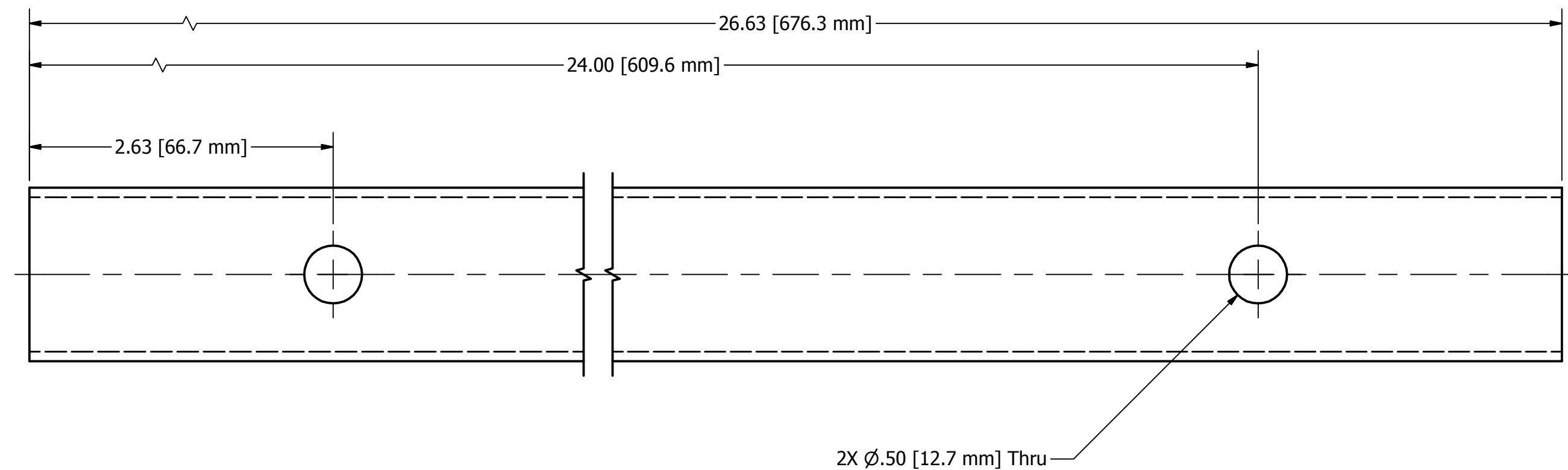
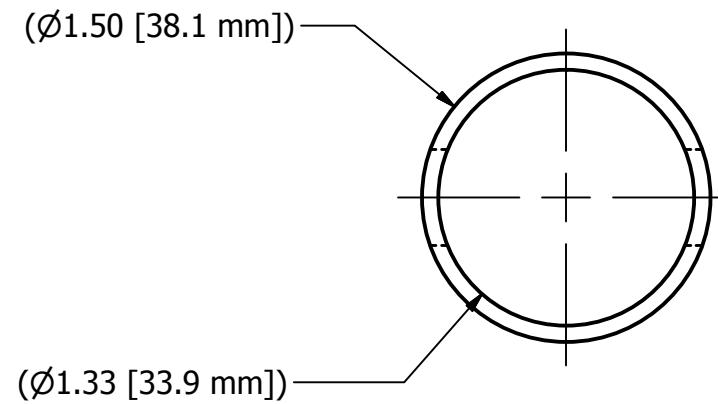
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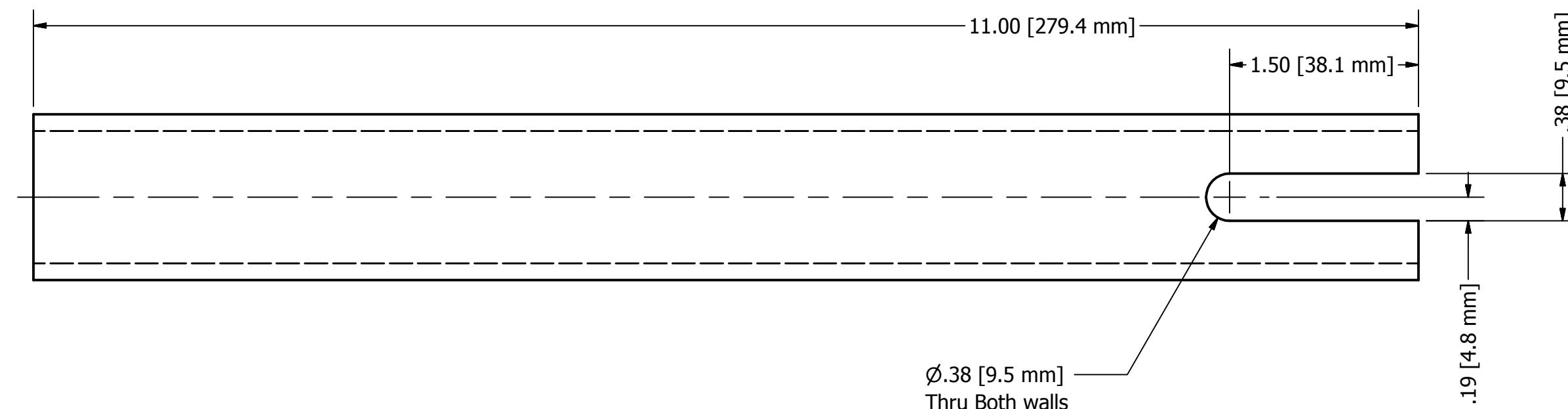
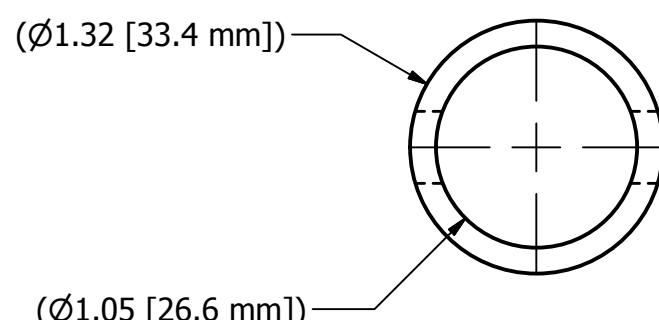
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**Item:** 1, GE-13021-01, Horizontal Bar  
**Material:** 1-1/2" x .083" Wall thickness, 1020 DOM Structural steel round tube  
**Scale:** 1/1  
**QTY:** 1



**Item:** 2, GE-13021-02, Insert  
**Material:** 1" Schedule 40, A500 steel tube  
**Scale:** 1/1  
**QTY:** 2

DRAWN mcyr	10/4/2012	<b>FIRST</b>		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		<b>TITLE</b>		
FRAC.	+/-.1/32	Middle Rung, Pyramid		
.00	+.01	SIZE	DWG NO	REV
.000	+.005	C	GE-13021	1
ANGULAR	+.25 Deg.	SCALE	SHEET 3 OF 3	

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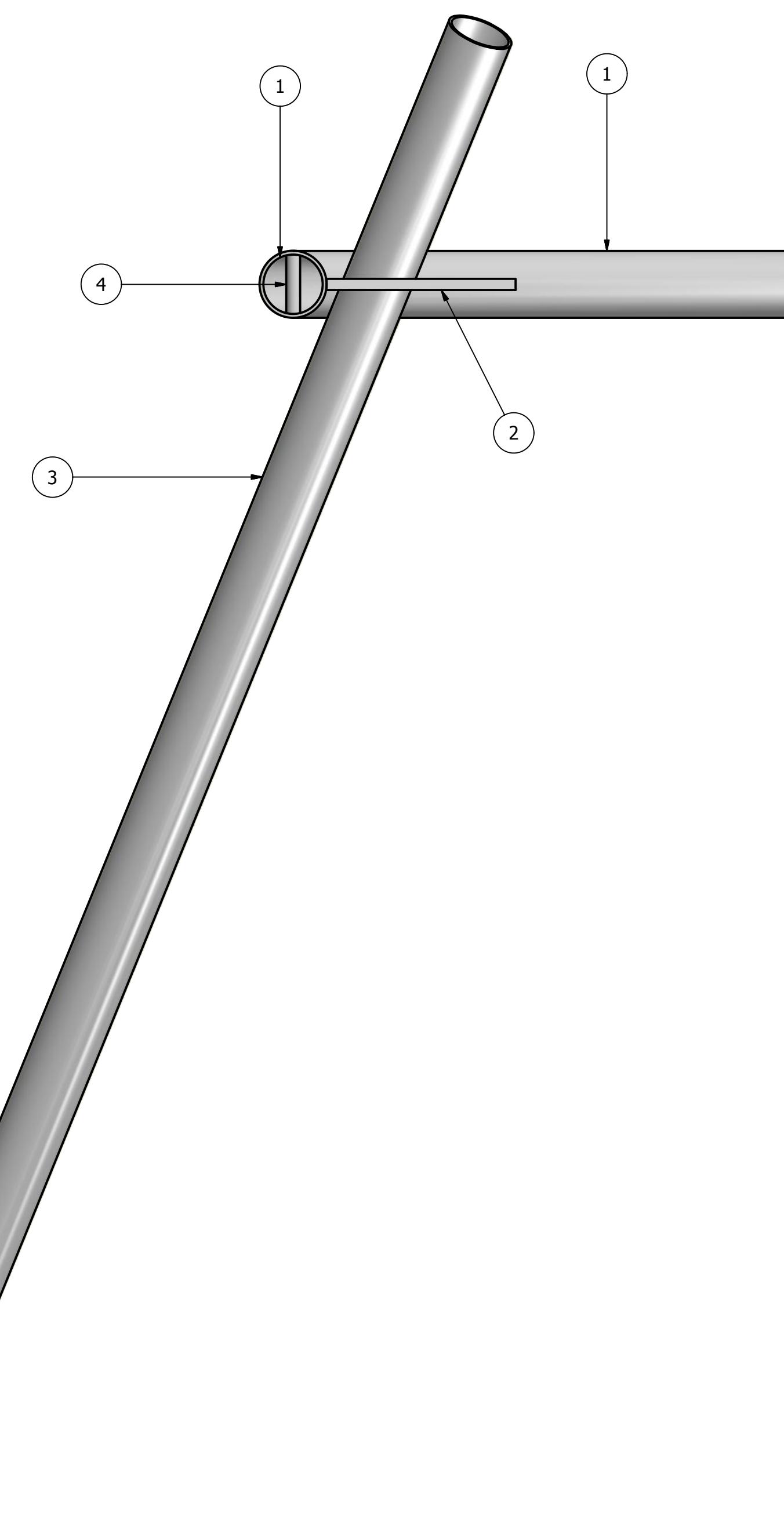
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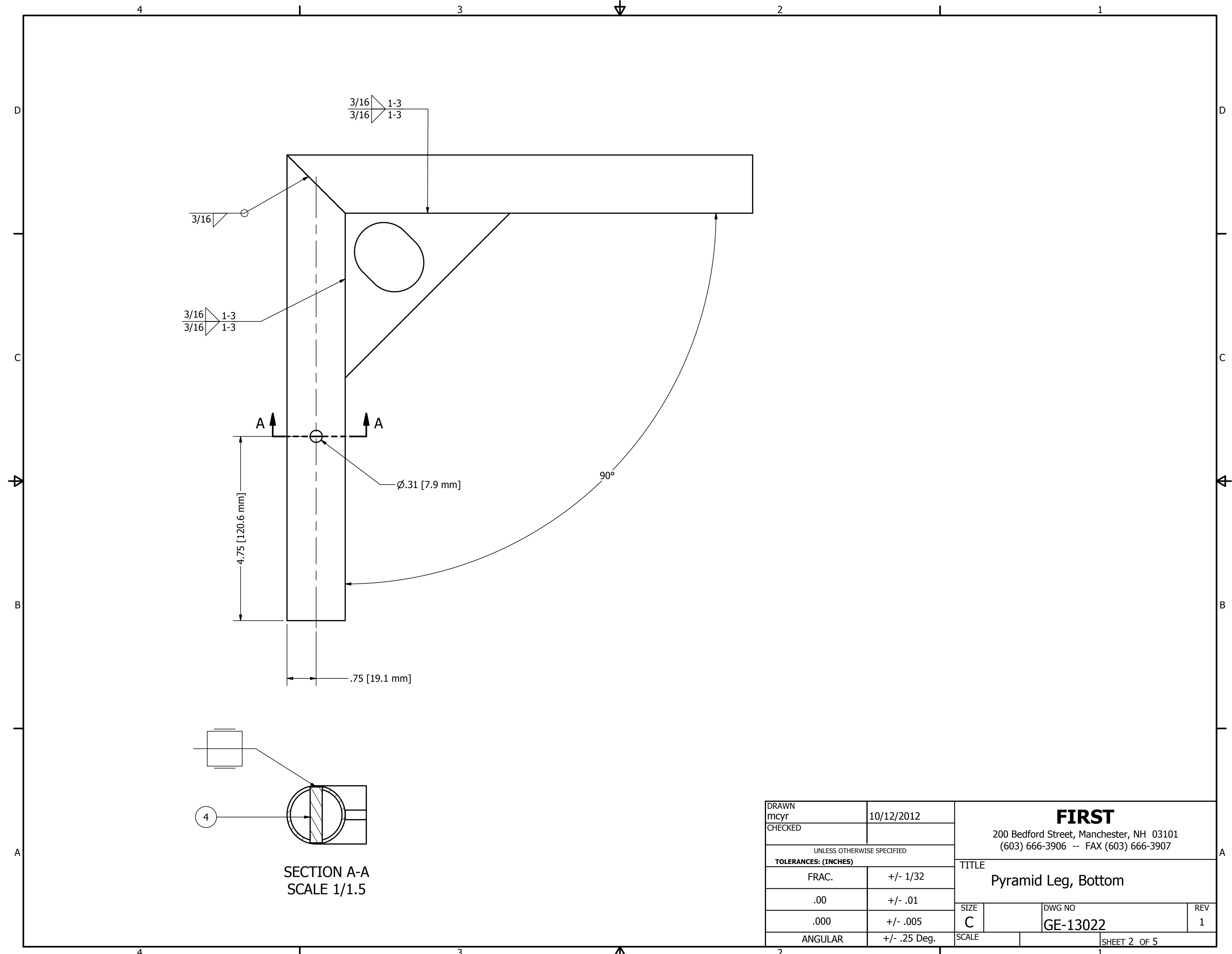
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REVISION HISTORY			
ZONE	REV	DESCRIPTION	DATE APPROVED
A-3	1	Added PMS color numbers to the notes	10/22/2012 MLC

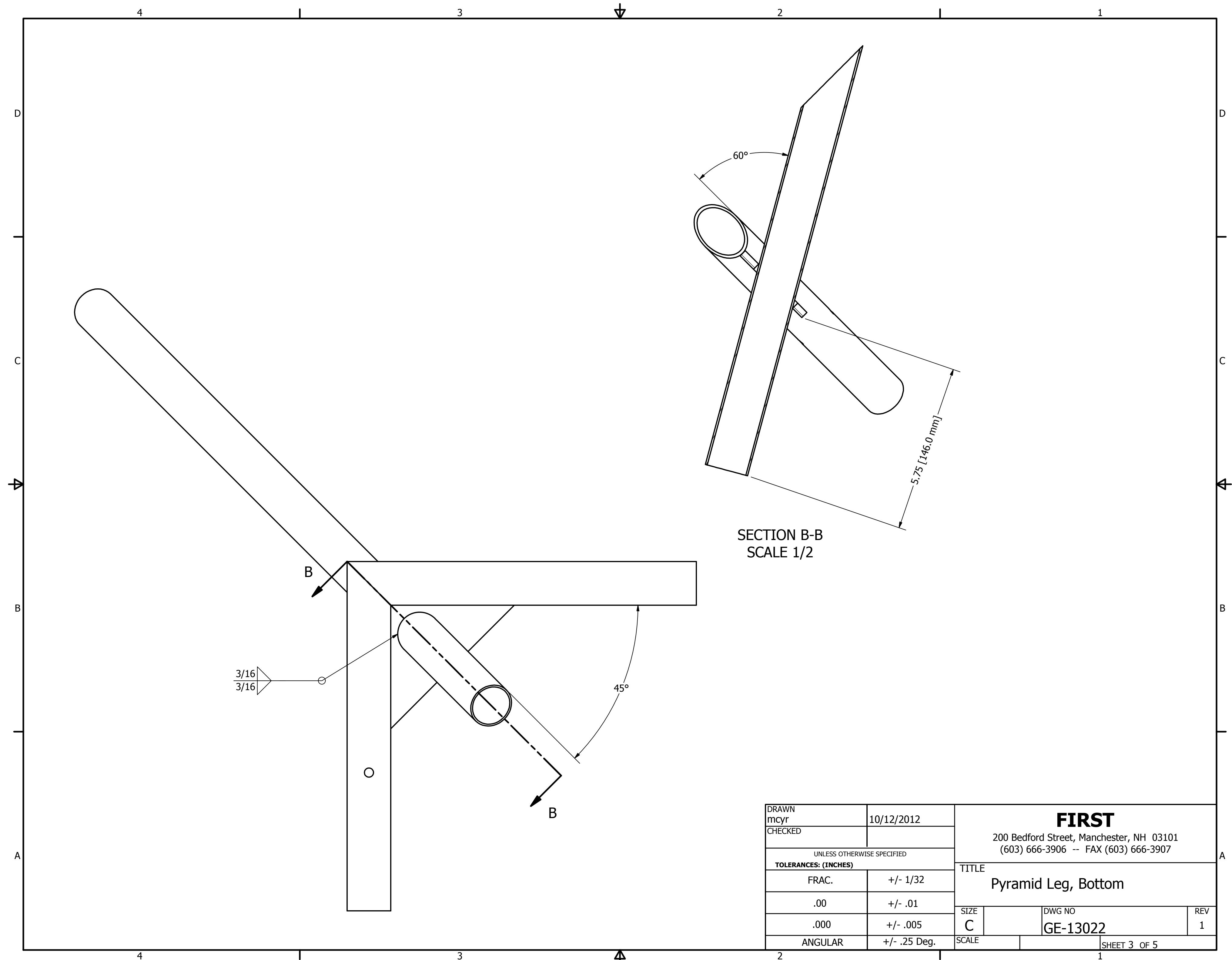


NOTE:  
1.) Finish: Powder coat outside of tube only, Red PMS #485 or Blue PMS #286

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	GE-13022-01	Corner Tube
2	1	GE-13022-02	Gusset
3	1	GE-13022-03	Center Tube
4	1	GE-13022-04	Tube Stop

DRAWN mcyr	10/12/2012	<b>FIRST</b>  200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED			
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)			
FRAC.	+/- 1/32		
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.	SCALE	
		DWG NO	
		GE-13022	
		REV	
		1	
		SHEET 1 OF 5	





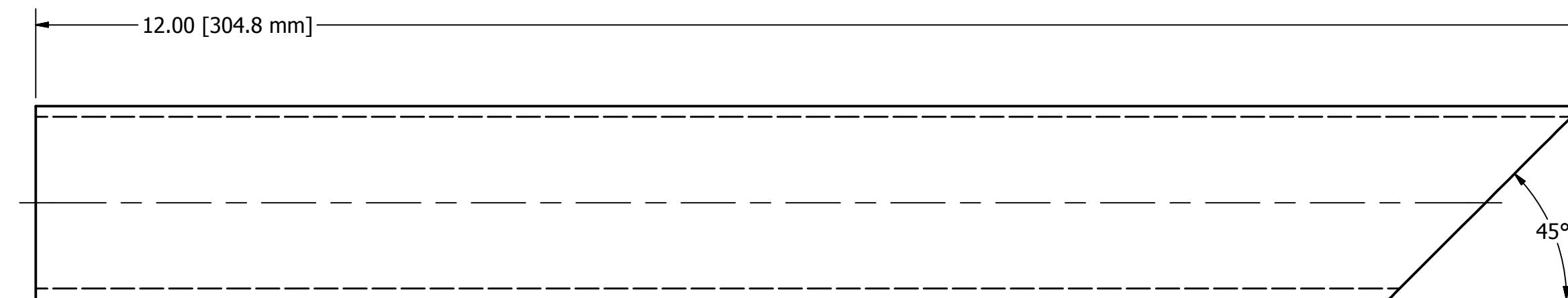
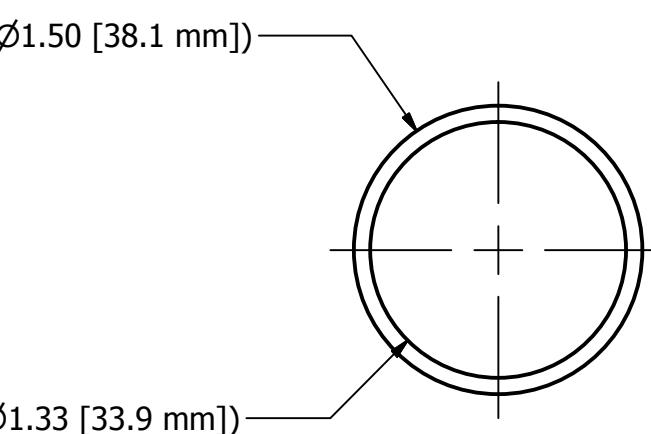
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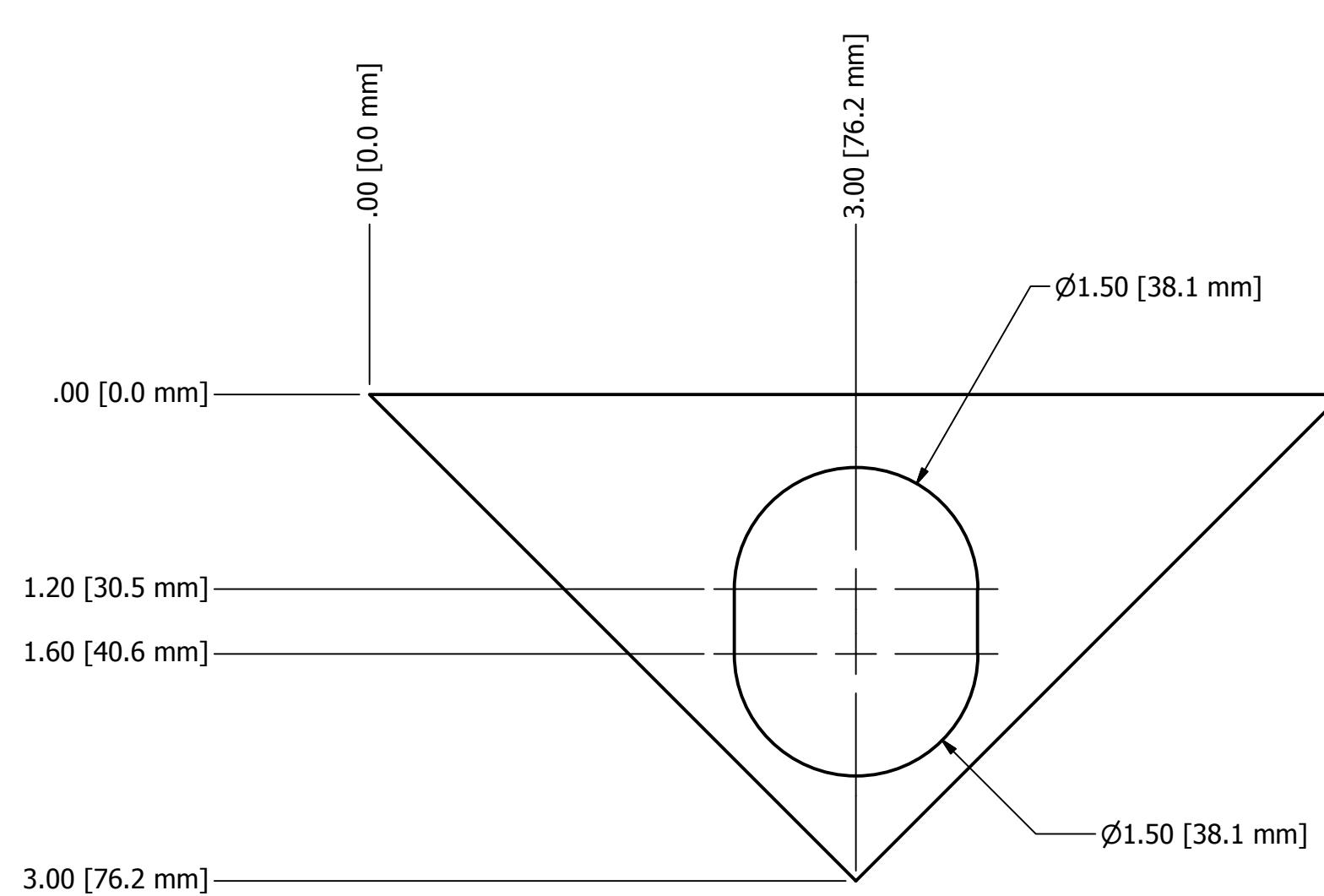
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**Item:** 1, GE-13022-01, Corner Tube  
**Material:** 1-1/2" x .083" wall thickness, 1020 DOM Structural steel round tube  
**Scale:** 1/1  
**QTY:** 2



**Item:** 2, GE-13022-02, Gusset  
**Material:** 1/4" Thick, 1018 Steel Plate  
**Scale:** 1/1  
**QTY:** 1

DRAWN mcyr	10/12/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
CHECKED							
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)							
FRAC.	+/- 1/32	<b>TITLE</b> Pyramid Leg, Bottom					
.00	+/- .01						
.000	+/- .005	SIZE <b>C</b>	DWG NO <b>GE-13022</b>	REV 1			
ANGULAR	+/- .25 Deg.	SCALE		SHEET 4 OF 5			

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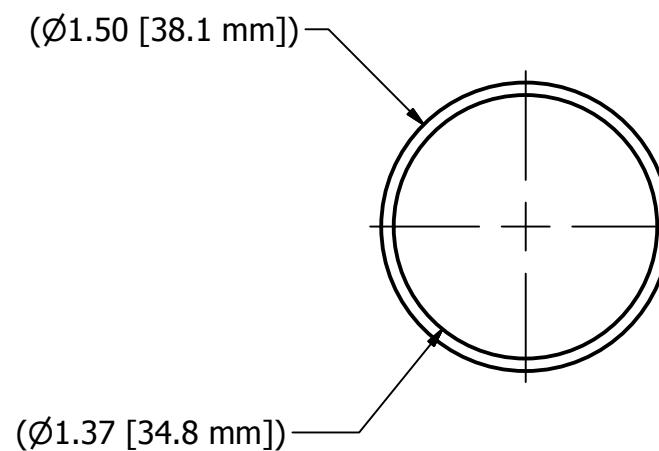
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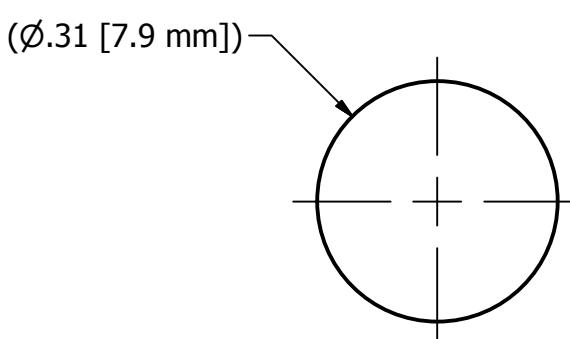
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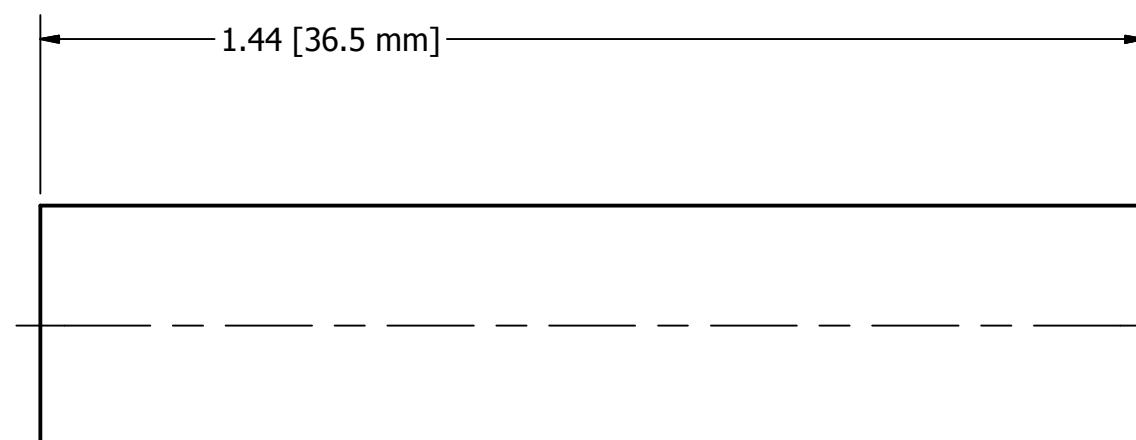
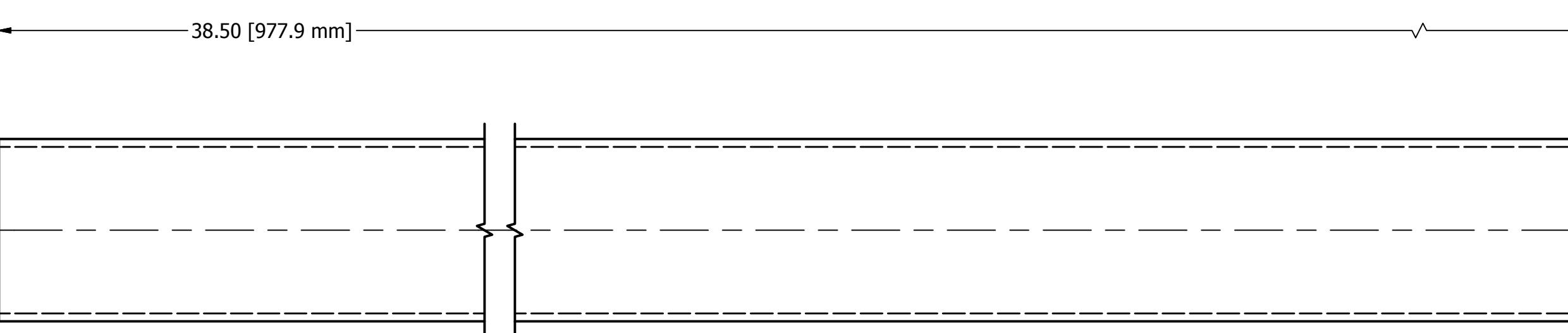
**Item:** 3, GE-13022-03, Center Tube  
**Material:** 1-1/2" x .083" wall thickness, 1020 DOM Structural steel round tube  
**Scale:** 1/1  
**QTY:** 1

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**Item:** 4, GE-13022-04, Tube Stop  
**Material:** .31" OD, 1018 Steel Round Bar  
**Scale:** 1/1  
**QTY:** 1



DRAWN mcyr	10/12/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
CHECKED							
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	+/- 1/32						
.00	+/- .01						
.000	+/- .005						
ANGULAR	+/- .25 Deg.	SCALE	DWG NO	REV			
			GE-13022	1			
			SHEET 5 OF 5				

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## REVISION HISTORY

ZONE	REV	DESCRIPTION	DATE	APPROVED
A-3	1	Added PMS color numbers to the notes	10/22/2012	MLC

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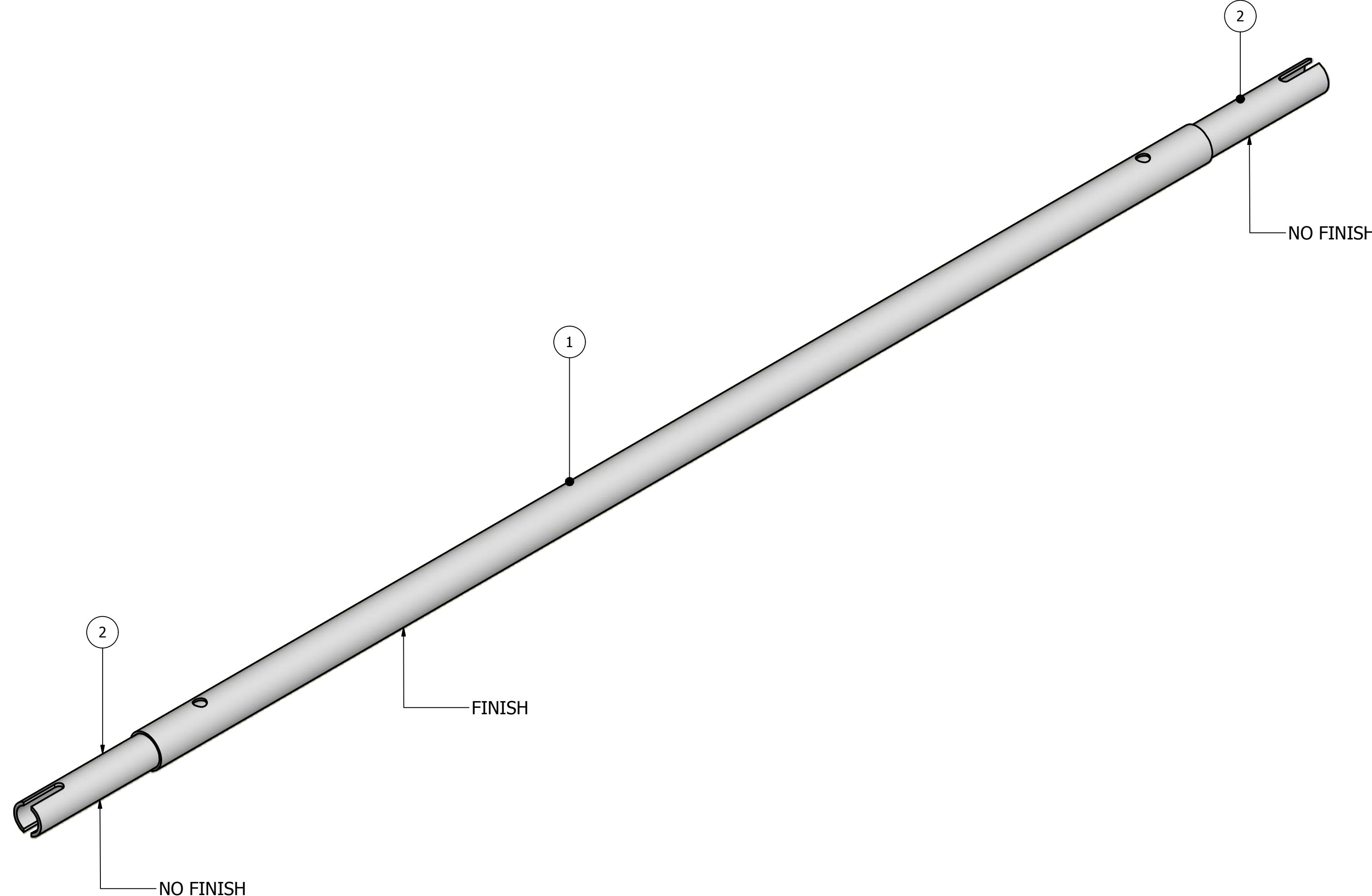
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## NOTE:

- 1.) Finish: Powder coat Red PMS #485 or Blue PMS #286

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-13023-01	Horizontal Bar
2	2	GE-13023-02	Insert

DRAWN mcyr	10/4/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED			
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)		TITLE	Lower Rung, Pyramid
FRAC.	+/- 1/32	SIZE	DWG NO
.00	+/- .01	C	GE-13023
.000	+/- .005	SCALE	REV
ANGULAR	+/- .25 Deg.		1
		SHEET 1 OF 3	

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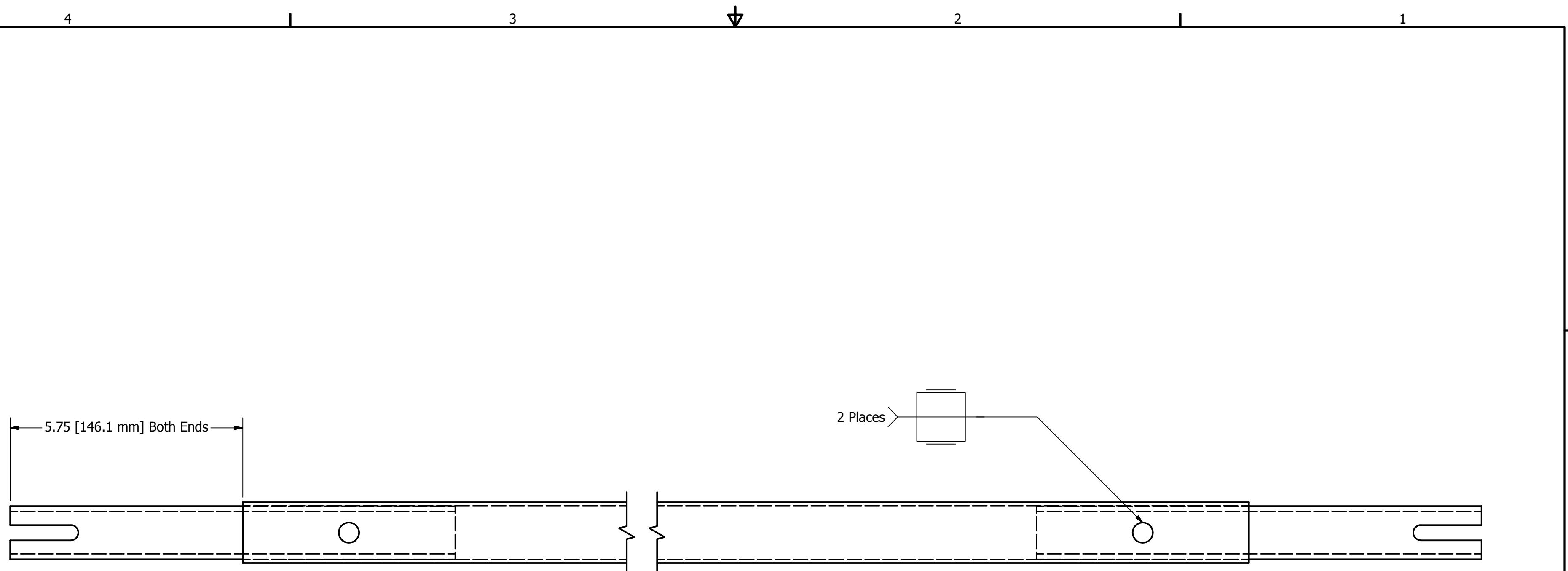
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DRAWN mcyr	10/4/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
CHECKED							
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	+/- 1/32						
.00	+/- .01						
.000	+/- .005						
ANGULAR	+/- .25 Deg.	SCALE	DWG NO	REV			
			GE-13023	1			
			SHEET 2 OF 3				

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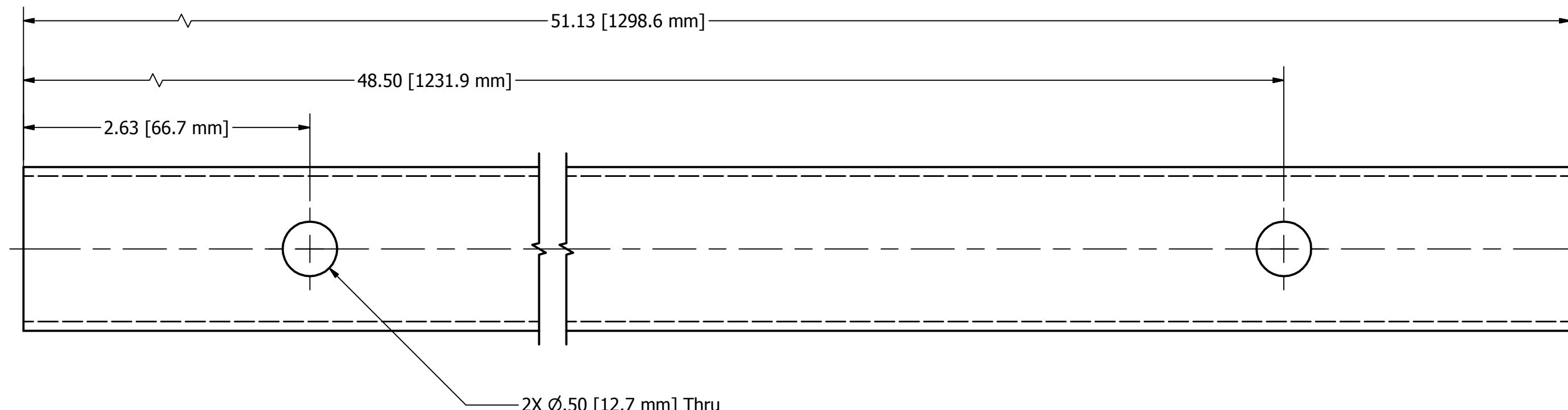
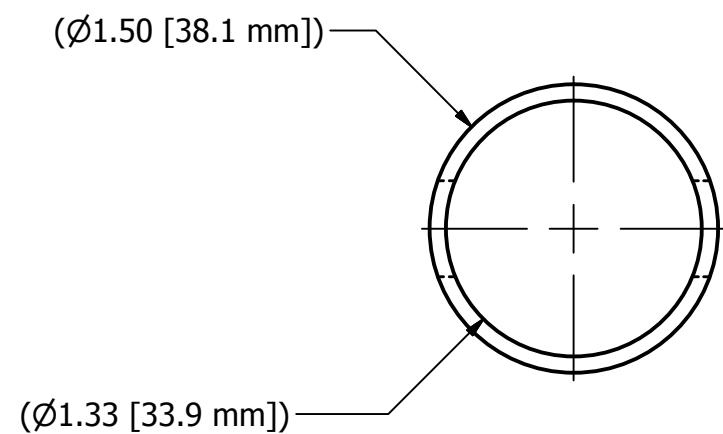
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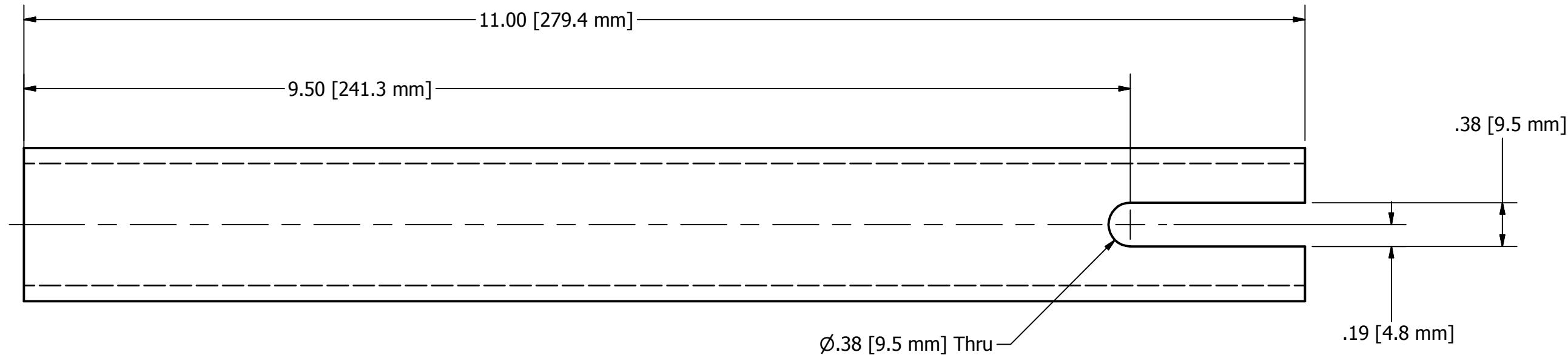
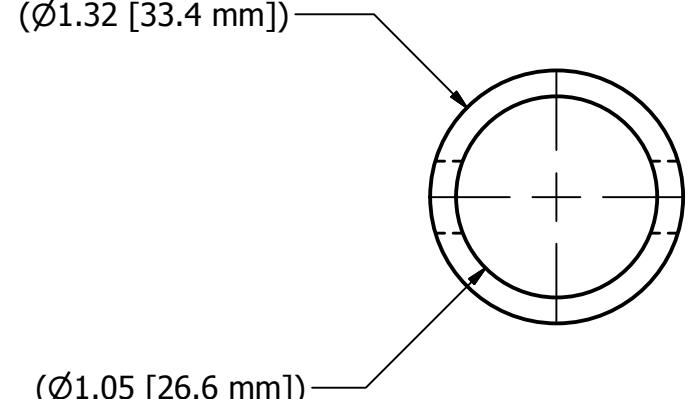
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**Item:** 1, GE-13023-01, Horizontal Bar  
**Material:** 1-1/2" x .083" Wall thickness, 1020 DOM Structural steel round tube  
**Scale:** 1/1  
**QTY:** 1

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**Item:** 2, GE-13023-02, Insert  
**Material:** 1" Schedule 40, A500 steel tube  
**Scale:** 1/1  
**QTY:** 2

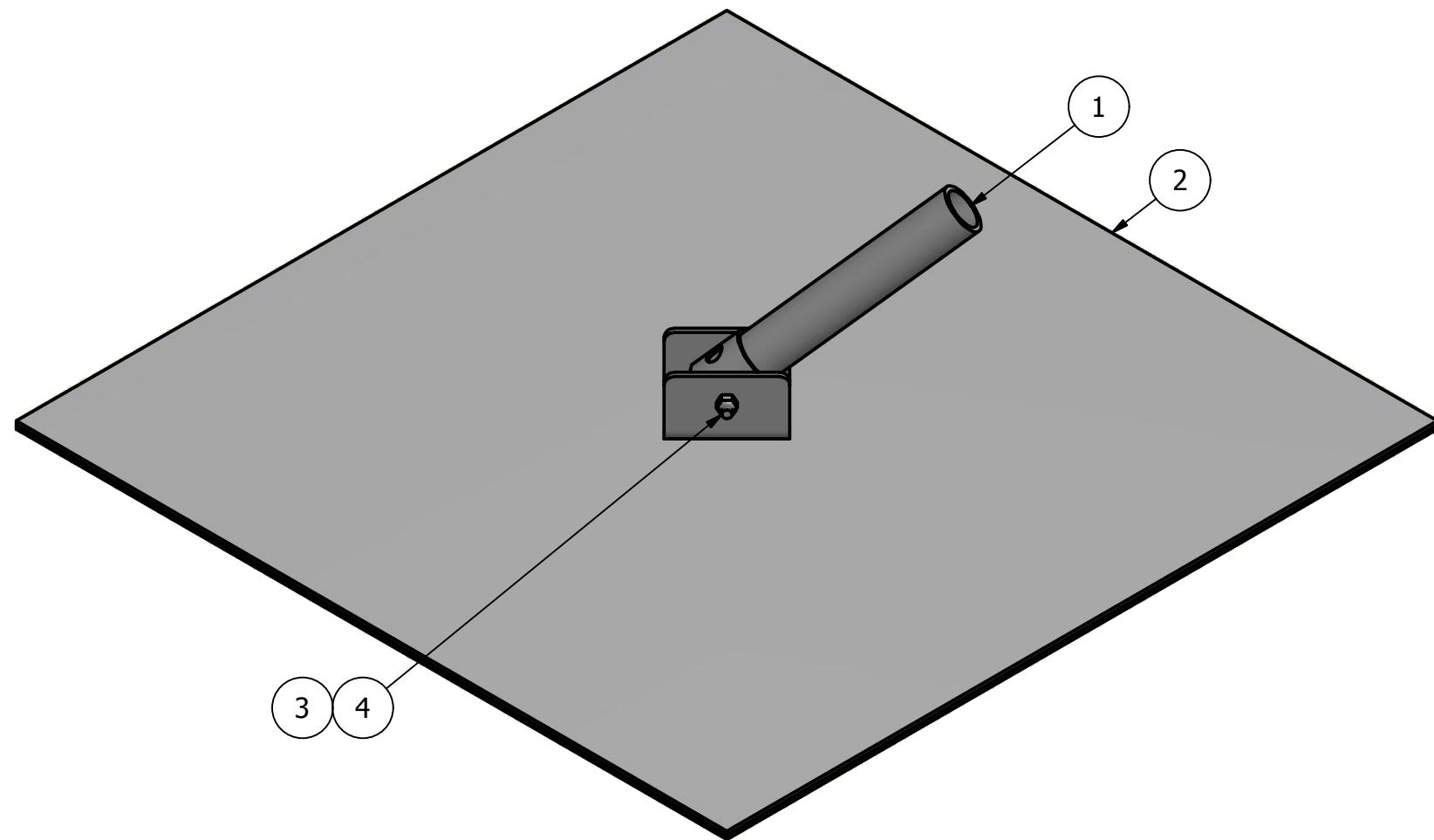
DRAWN mcyr	10/4/2012	<b>FIRST</b>				
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907				
UNLESS OTHERWISE SPECIFIED						
<b>TOLERANCES: (INCHES)</b>			<b>TITLE</b>			
FRAC.	+/-.1/32	Lower Rung, Pyramid				
.00	+.01					
.000	+.005	SIZE	DWG NO	REV		
ANGULAR	+.25 Deg.	C	GE-13023	1		
SCALE						
SHEET 3 OF 3						

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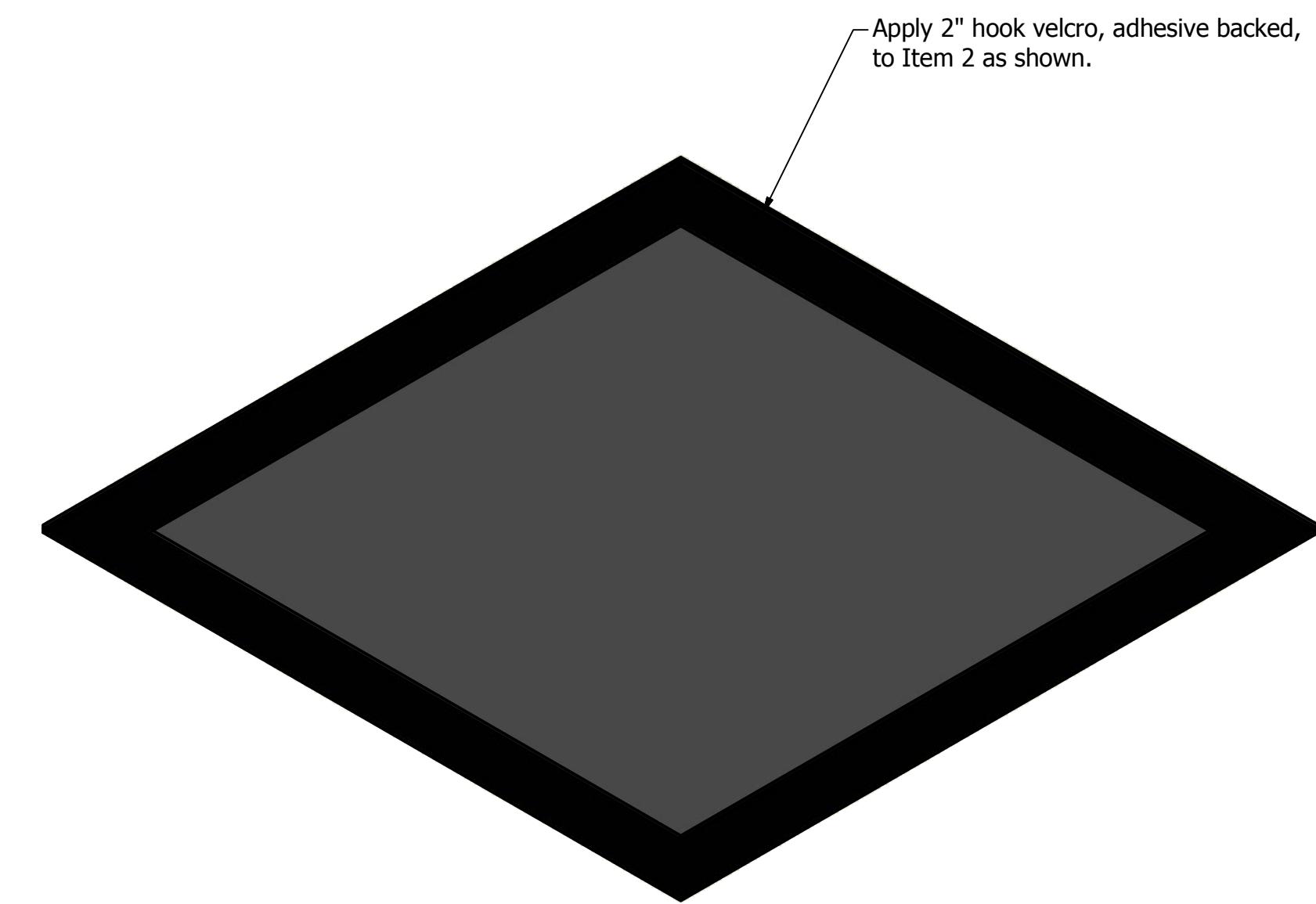
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Top View



Bottom View

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-13026	Base Tube, Pyramid
2	1	GE-13025	Base Plate, Pyramid
3	1	HW-00002	Nut, Lock 1/4-20
4	1	HW-00063	HHCS 1/4-20 x 2.5" Zinc Plate

DRAWN mcyr	10/11/2012	<b>FIRST</b>  200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED			
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)			
FRAC.	+/- 1/32		
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.		
SCALE	DWG NO	REV	
	GE-13024		
	SHEET 1 OF 1		

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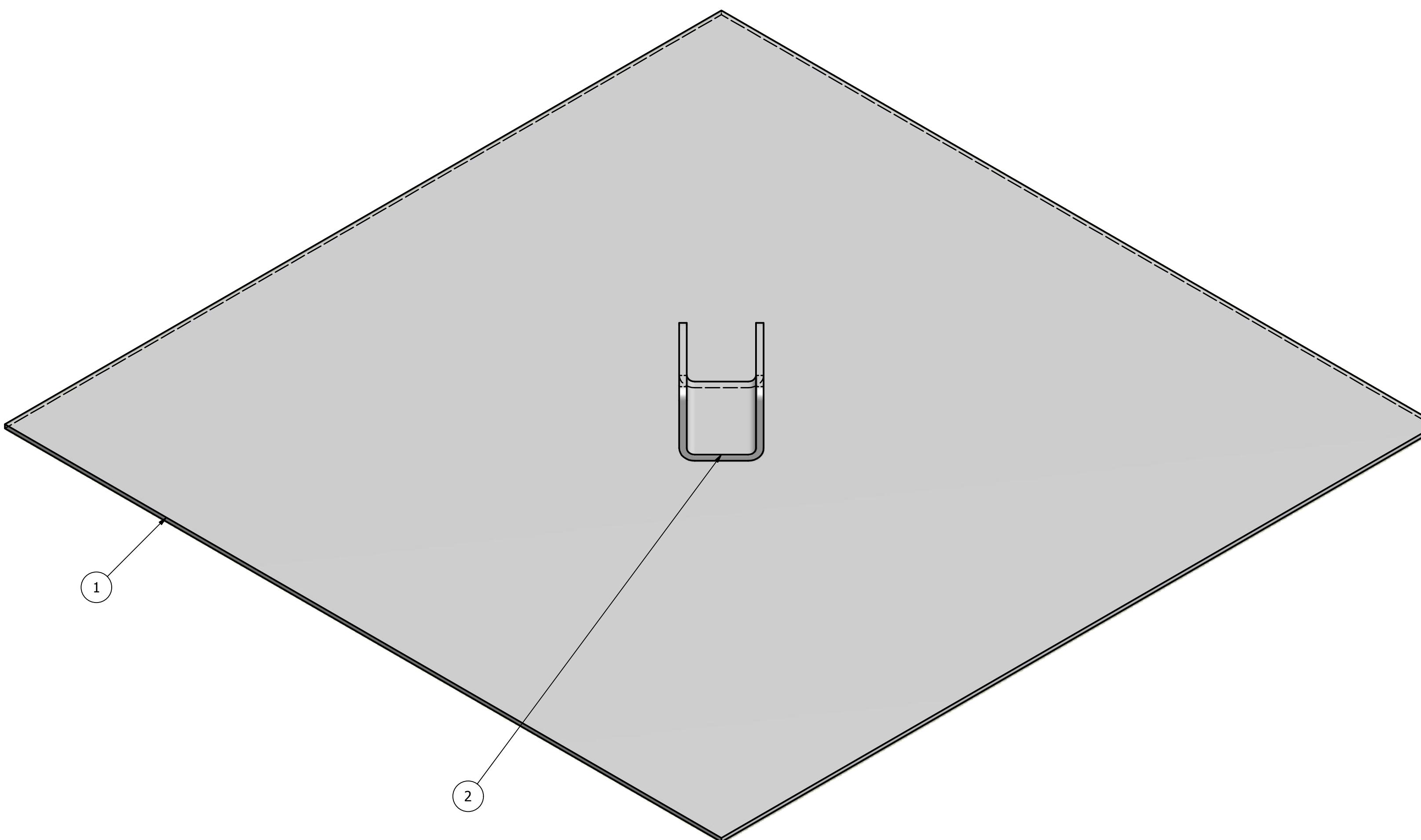
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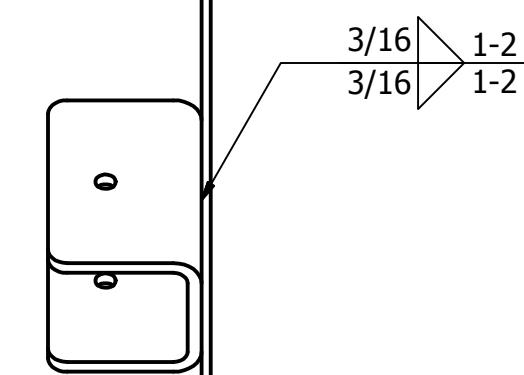
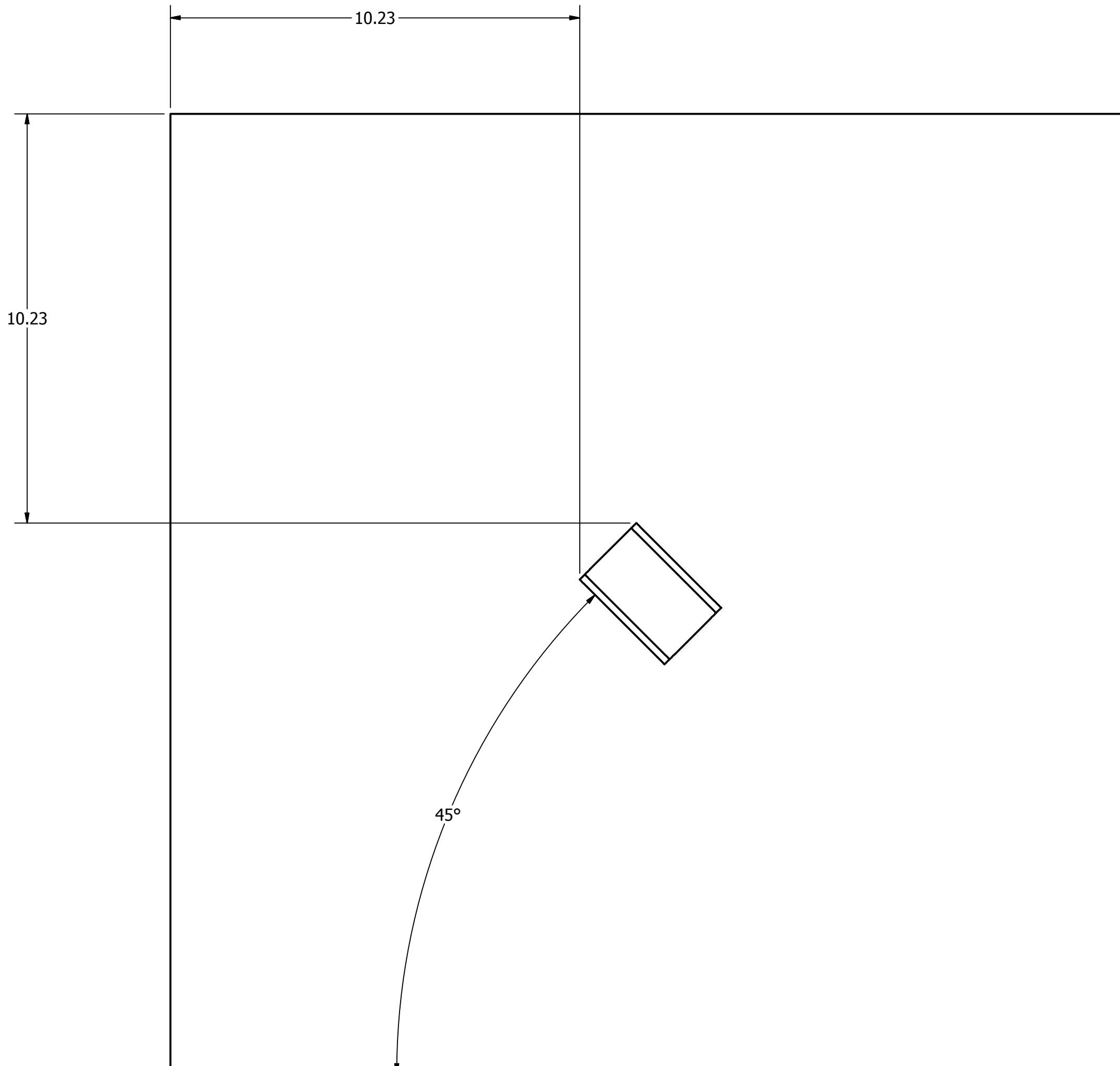
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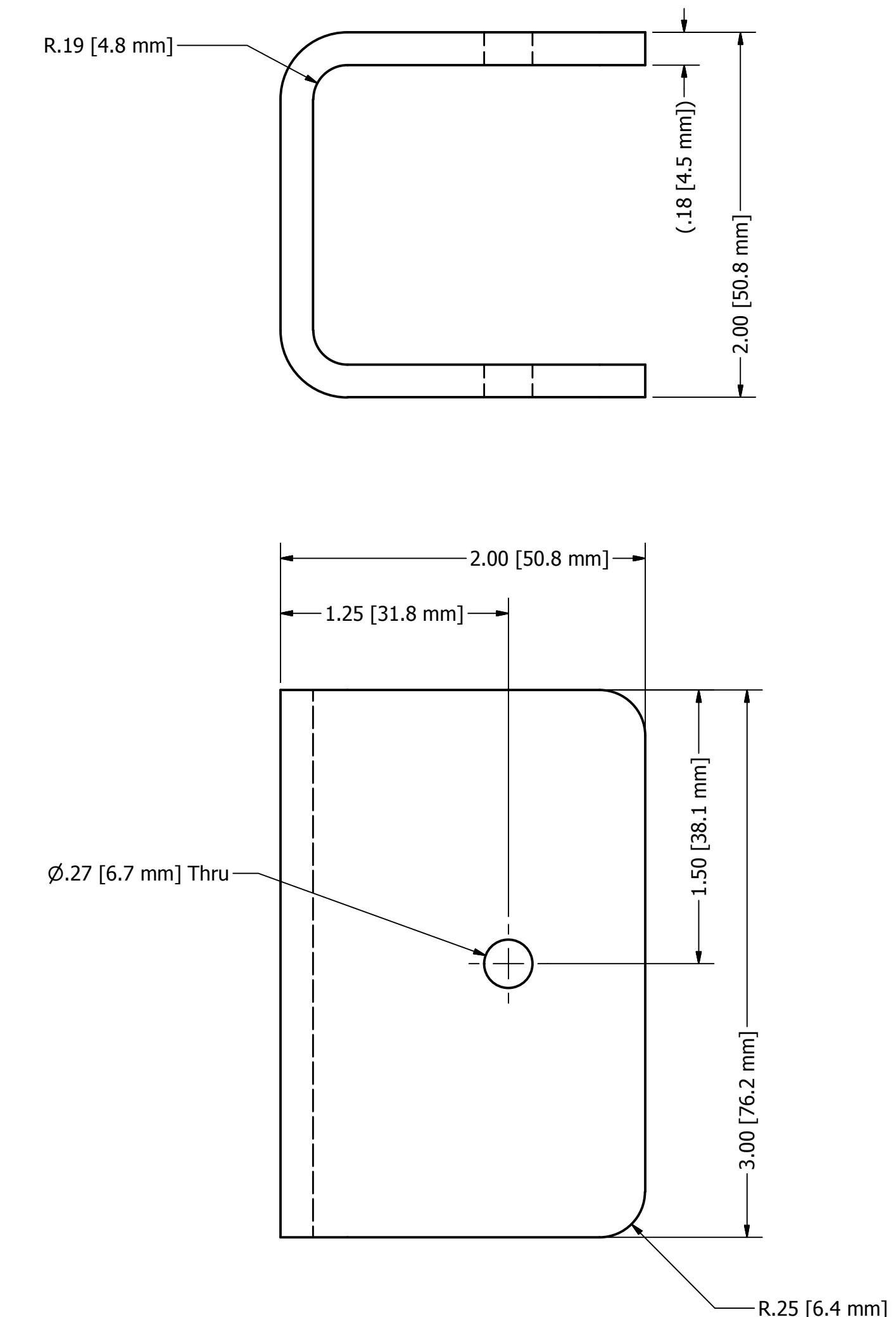
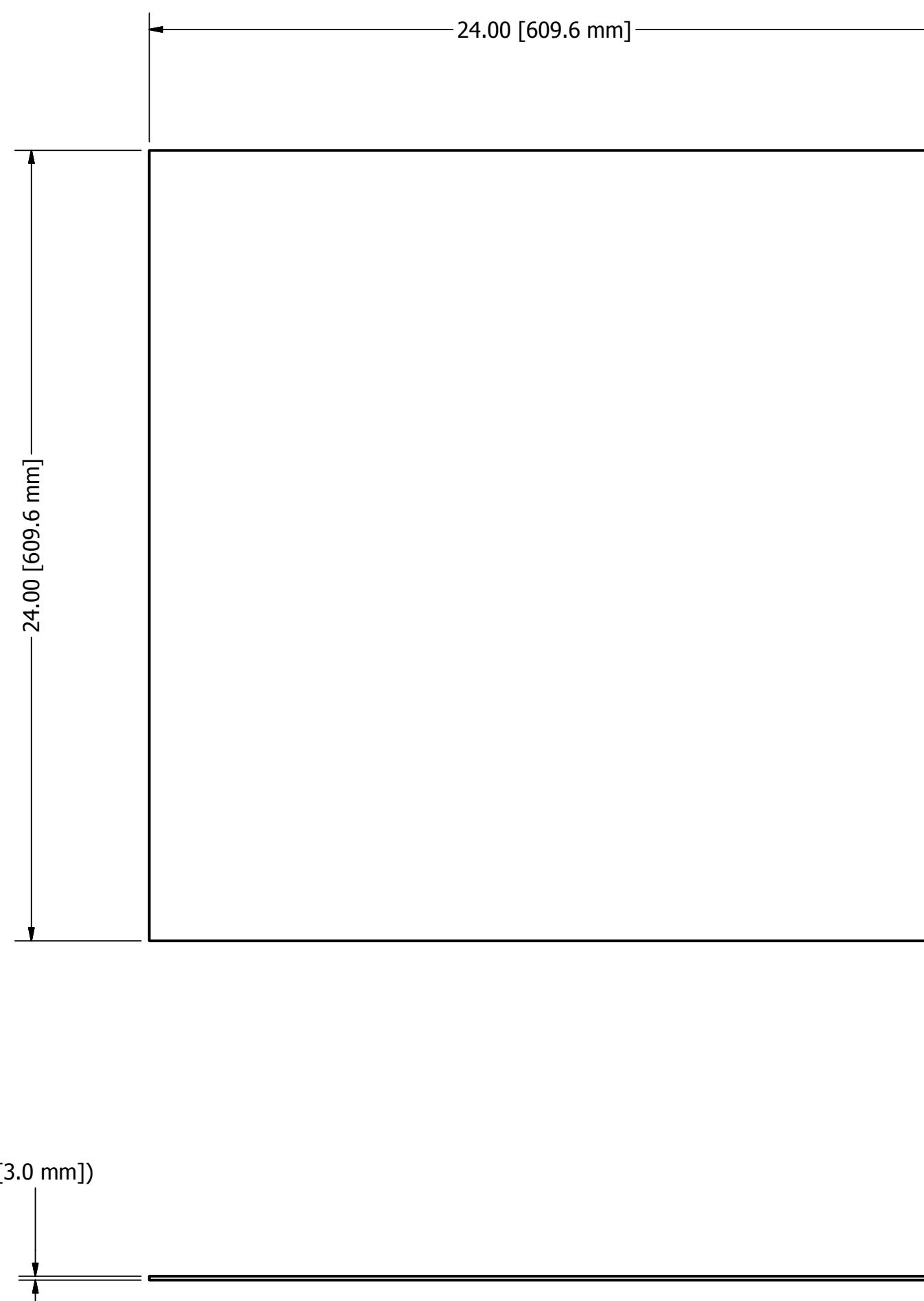
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-13025-01	Base Plate
2	1	GE-13025-02	Mounting Bracket

DRAWN mcyr	10/11/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
CHECKED							
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)							
FRAC.	+/- 1/32						
.00	+/- .01						
.000	+/- .005						
ANGULAR	+/- .25 Deg.	SCALE	DWG NO	REV			
			GE-13025				
			SHEET 1 OF 3				

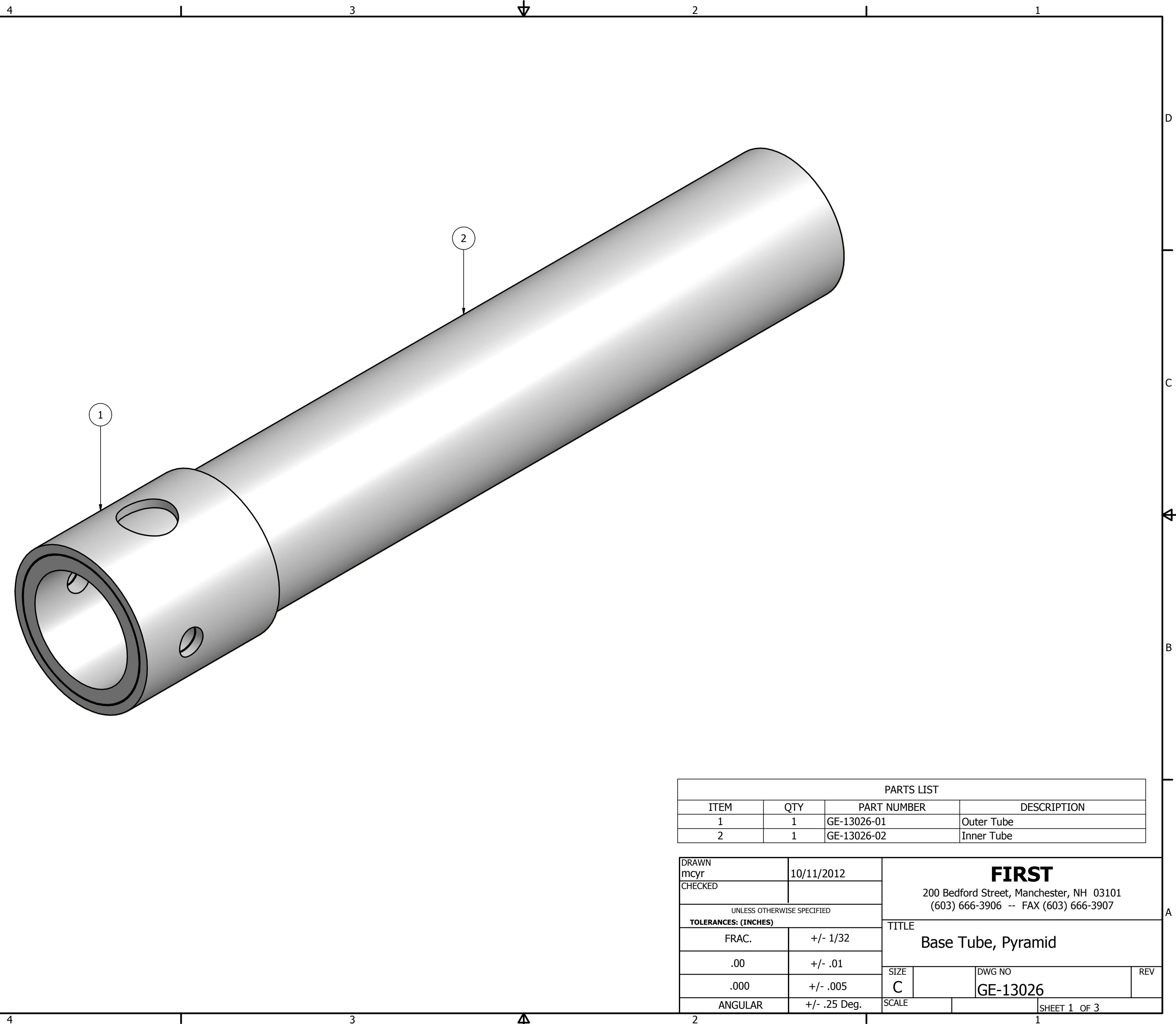
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DRAWN mcyr	10/11/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		TITLE <b>Base Plate, Pyramid</b>		
FRAC.	+/- 1/32			
.00	+/- .01	SIZE <b>C</b>	DWG NO <b>GE-13025</b>	REV
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SCALE		SHEET 2 OF 3



DRAWN mcyr	10/11/2012	<b>FIRST</b>				
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907				
UNLESS OTHERWISE SPECIFIED						
<b>TOLERANCES: (INCHES)</b>			<b>TITLE</b>			
FRAC.	+/- 1/32	Base Plate, Pyramid				
.00	+/- .01					
.000	+/- .005	<b>SIZE</b>	<b>DWG NO</b>	<b>REV</b>		
ANGULAR	+/- .25 Deg.	C	GE-13025			
SCALE						
SHEET 3 OF 3						



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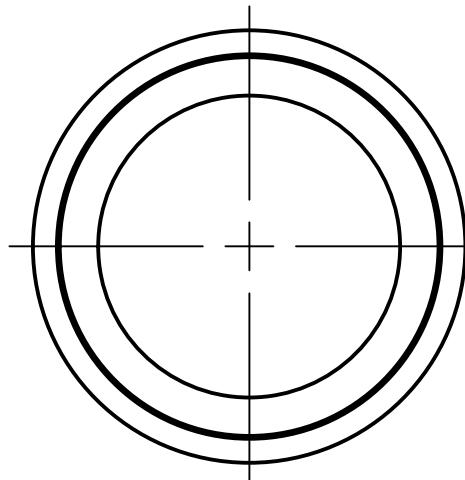
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### Tubes to be f

0

$\varnothing$ .27 Thru  
Drill Hole after welding



DRAWN mcyr	10/11/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		<b>TITLE</b> Base Tube, Pyramid		
FRAC.	+/- 1/32			
.00	+/- .01			
.000	+/- .005	<b>SIZE</b>  <b>C</b>	<b>DWG NO</b>  <b>GE-13026</b>	<b>REV</b>
ANGULAR	+/- .25 Deg.			
		<b>SHEET 2 OF 3</b>		

4

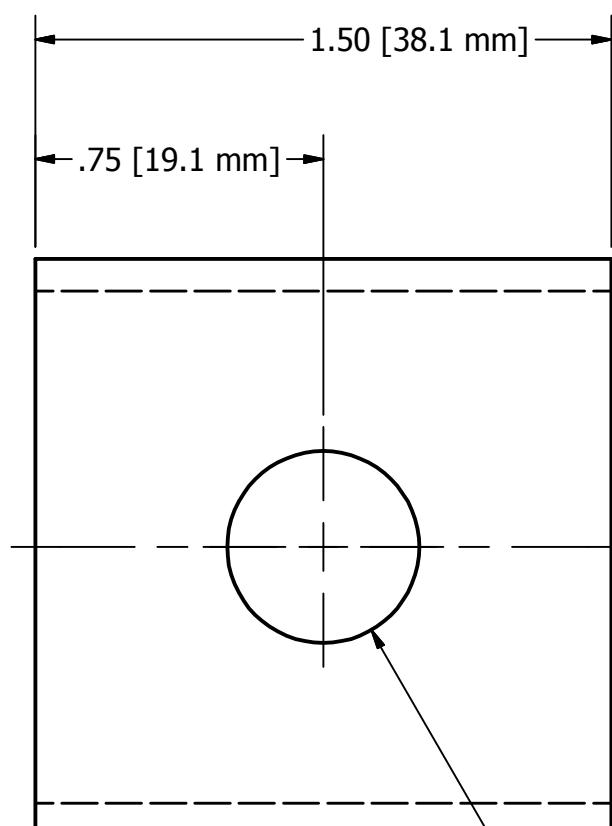
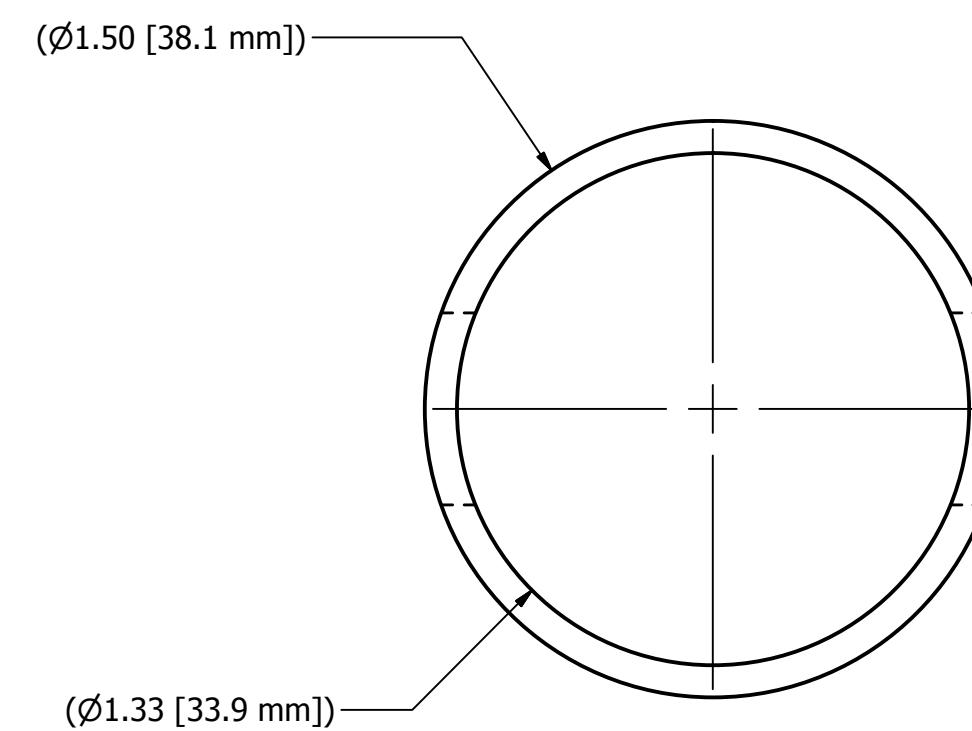
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Ø.50 [12.7 mm] Thru

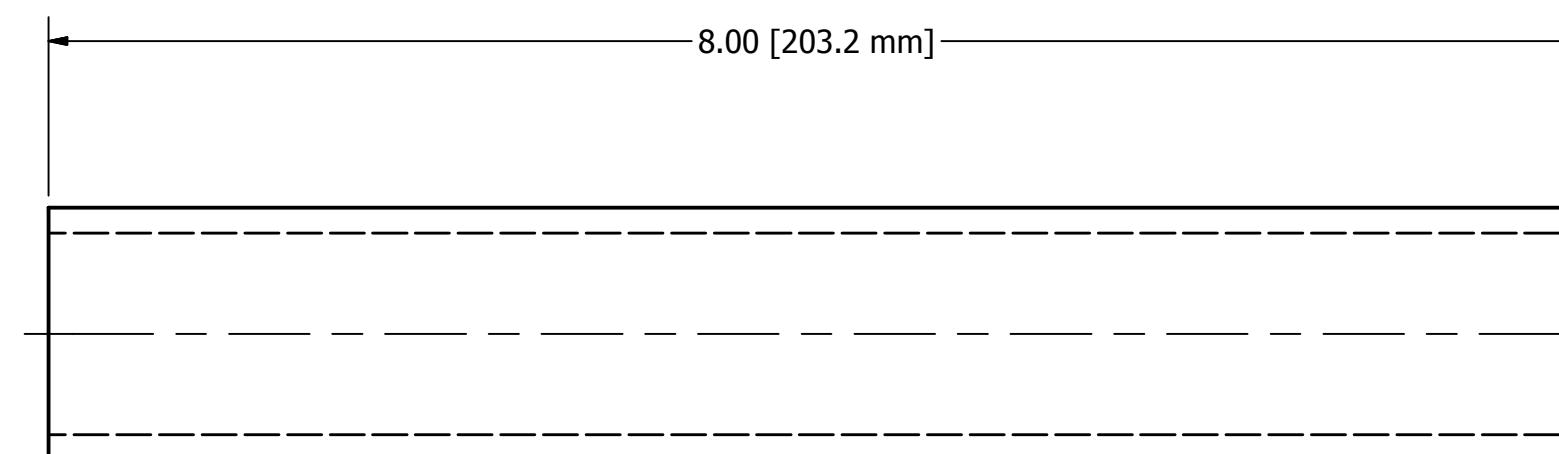
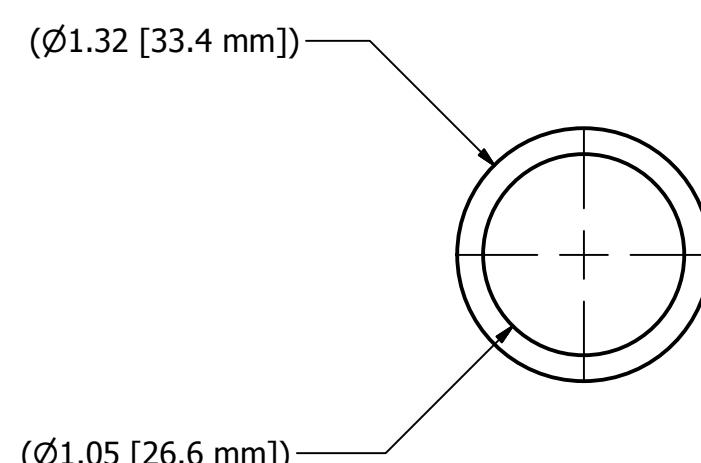
C

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**Item:** 1, GE-13026-01, Outer Tube  
**Material:** 1-1/2" x .083" wall thickness, 1020 DOM Structural Steel Round Tube  
**Scale:** 2:1  
**QTY:** 1

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**Item:** 2, GE-13026-02, Inner Tube  
**Material:** 1" Schedule 40, A500 Steel Tube  
**Scale:** 1/1  
**QTY:** 1

DRAWN mcyr	10/11/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
CHECKED							
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	+/- 1/32	<b>TITLE</b> Base Tube, Pyramid					
.00	+/- .01						
.000	+/- .005	SIZE <b>C</b>	DWG NO <b>GE-13026</b>	REV			
ANGULAR	+/- .25 Deg.	SCALE		SHEET 3 OF 3			

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## REVISION HISTORY

ZONE	REV	DESCRIPTION	DATE	APPROVED
A-2	A	Added Item 13	2/22/2013	DAF

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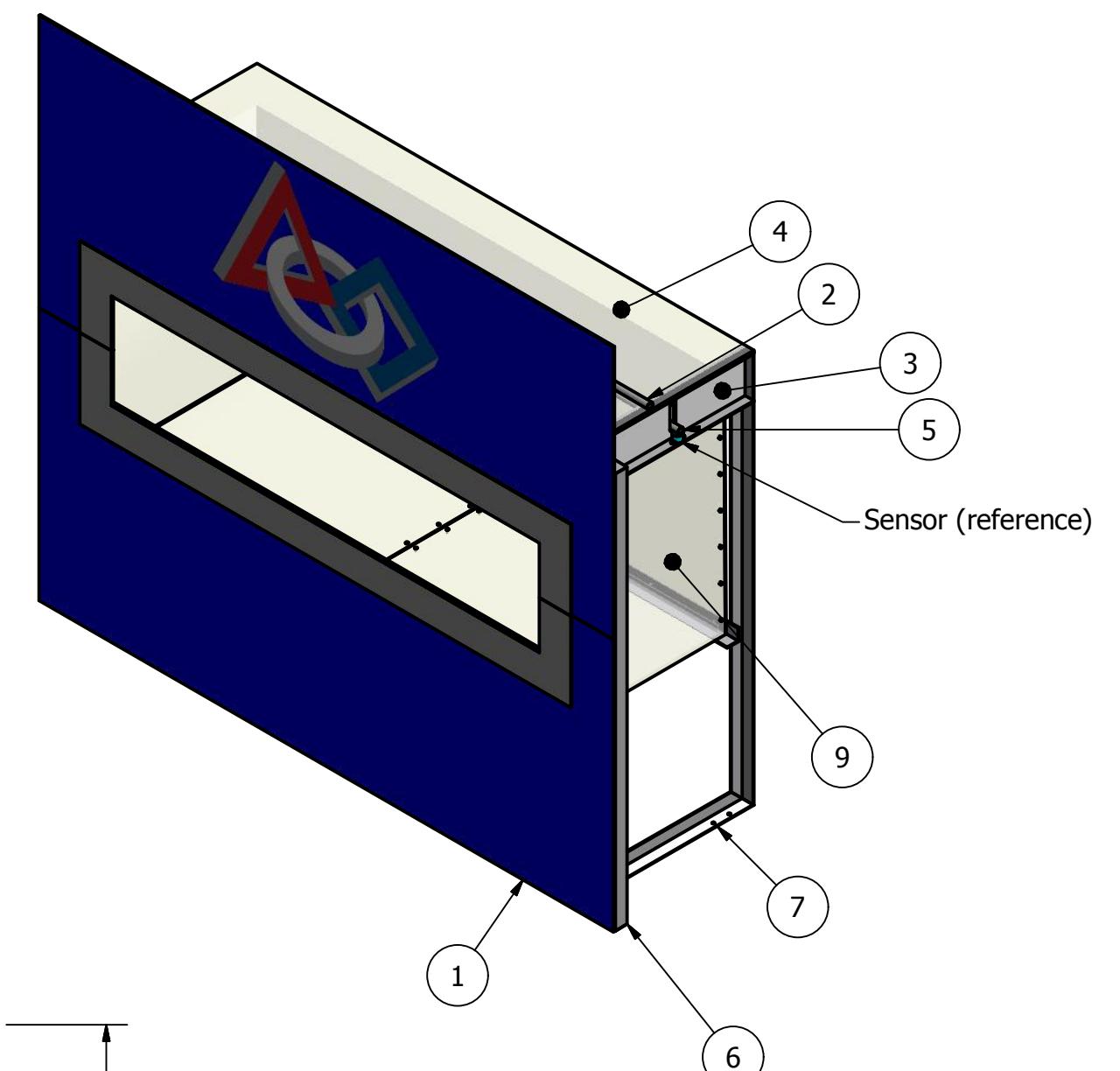
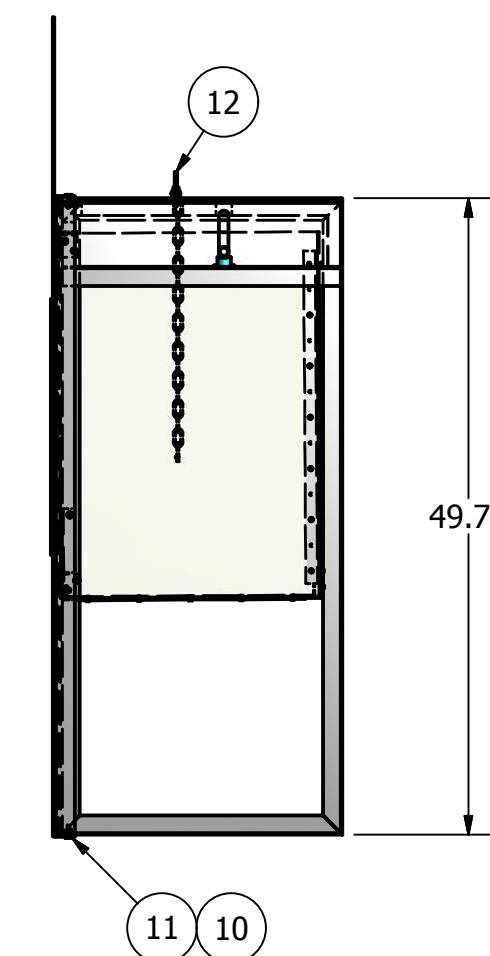
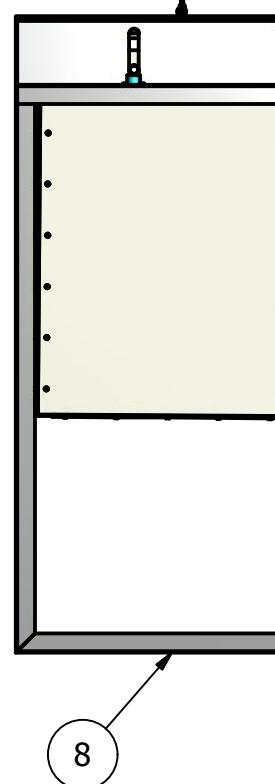
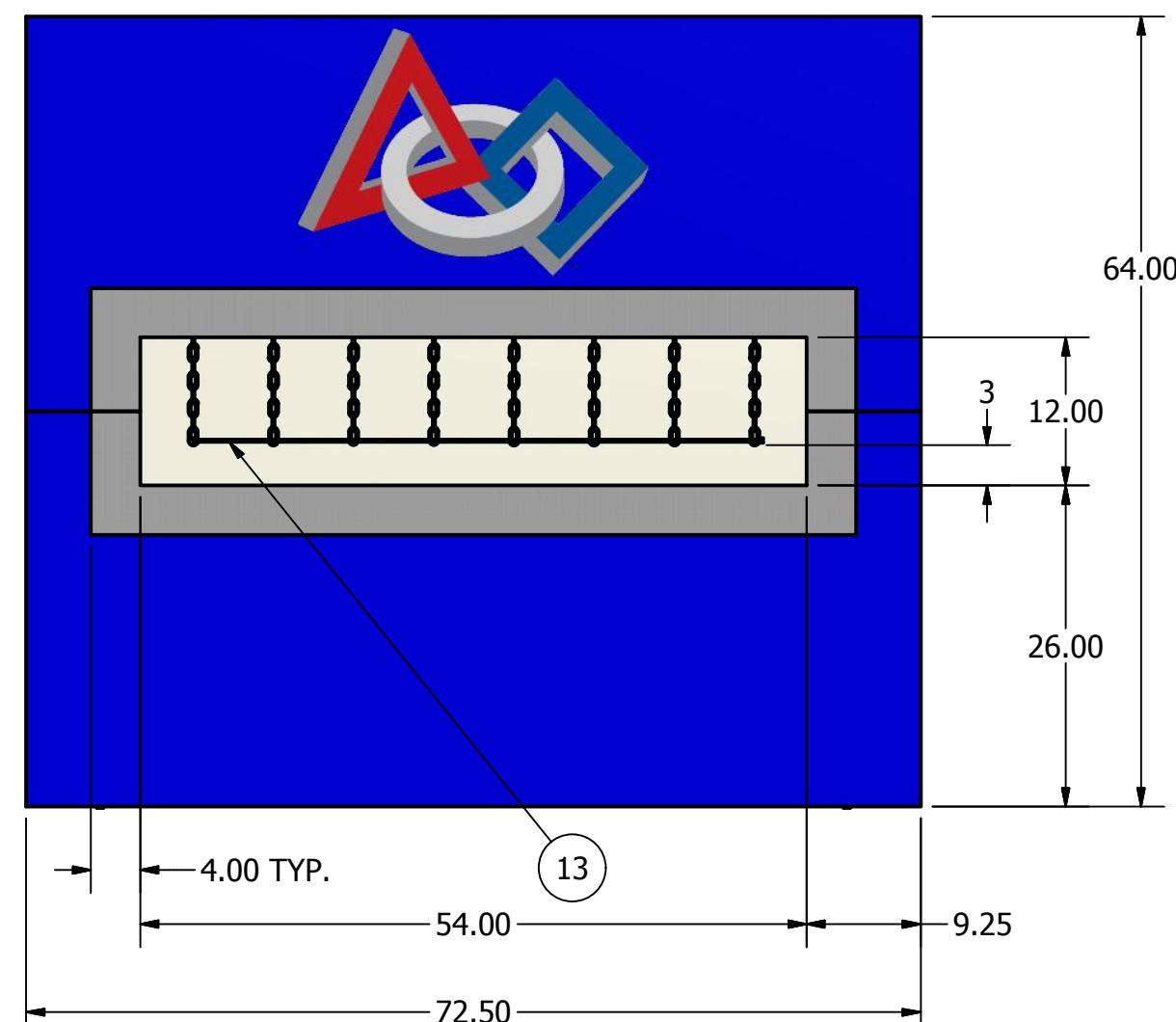
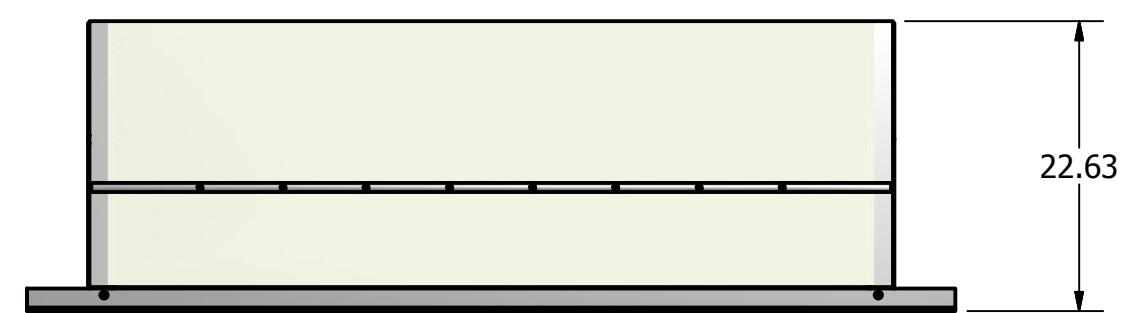
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PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	GE-13013	Center Goal Plastic
2	1	GE-13029	Chain Hanger
3	2	GE-13030	Slot Plate
4	1	GE-13031	Roof, Goal
5	1	GE-13064	Basket Pole
6	1	GE-13065	Front Frame, High Goal
7	1	GE-13066	Side Frame 1, High Goal
8	1	GE-13067	Side Frame 2, High Goal
9	1	GE-13078	High Goal Basket Assembly
10	4	HW-00002	Nut, Lock 1/4-20
11	4	HW-00074	FHCS 1/4-20 x 1"
12	8	HW-00075	Eye Bolt, 10-32 x 2'L
13	1	GE-13089	Cable Assembly

DRAWN dfoster	12/29/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED			
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)			
FRAC.	+/- 1/32		
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.	SCALE	DWG NO
			GE-13027
			REV A
			SHEET 1 OF 5

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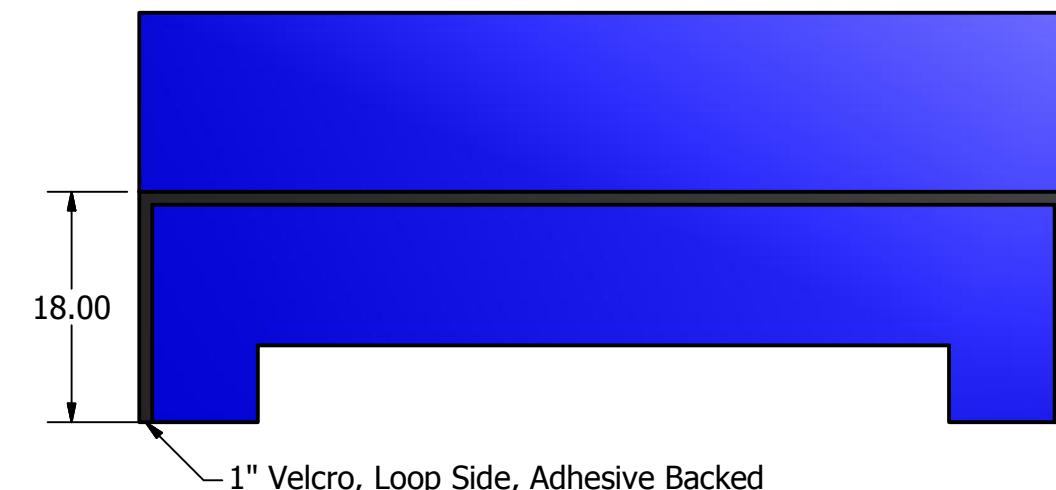
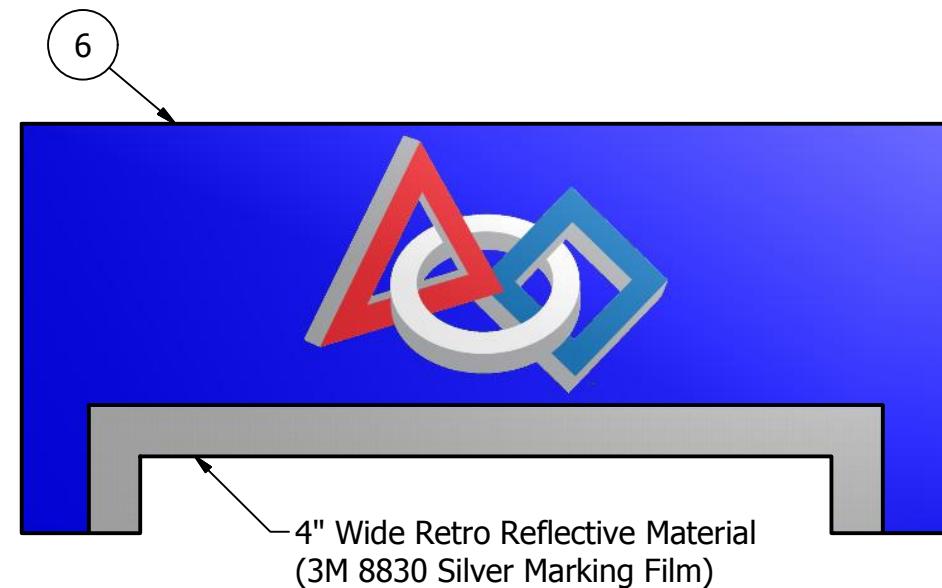
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**Step 1**

1. Add vision target material to the front of ONE of Item 1.
2. Add velcro to the back of Item 1 as shown. Velcro is used to aid in assembly and disassembly of GE-13028. A more permanent means of attachment may be used (such as rivets or bolts).
3. Attach FIRST logo as shown. Logo has no functional purpose, it is cosmetic only.



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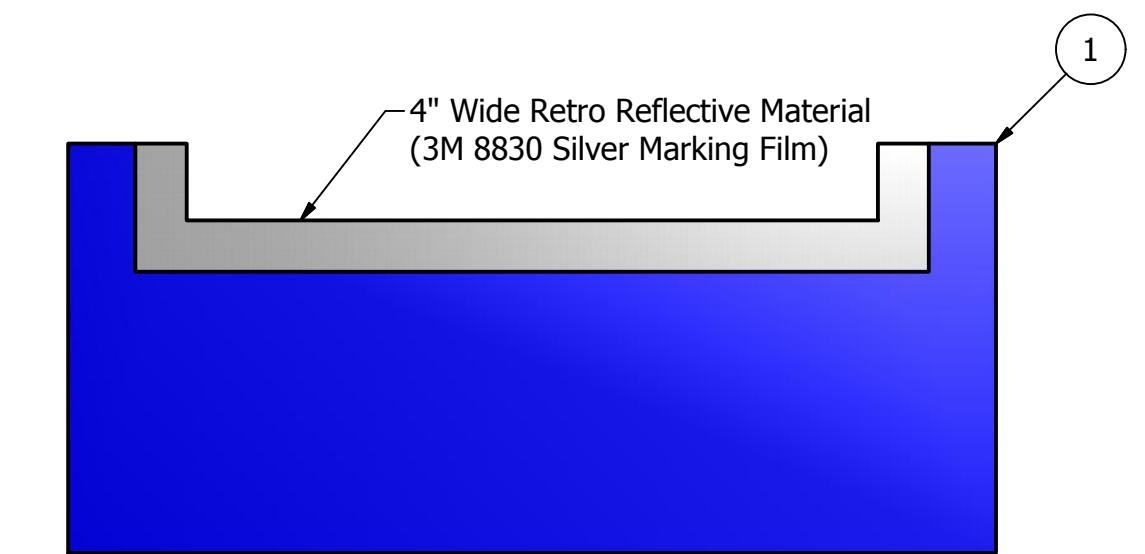
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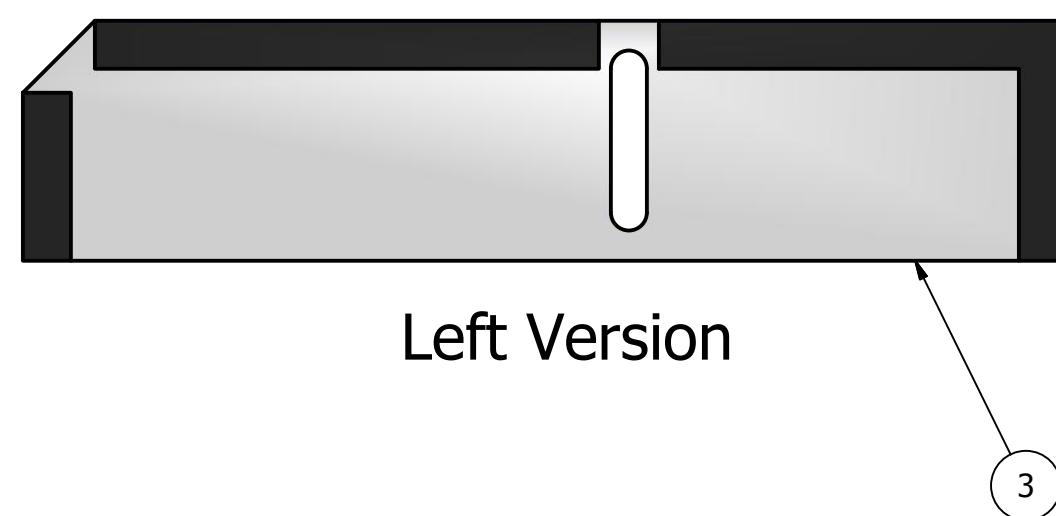
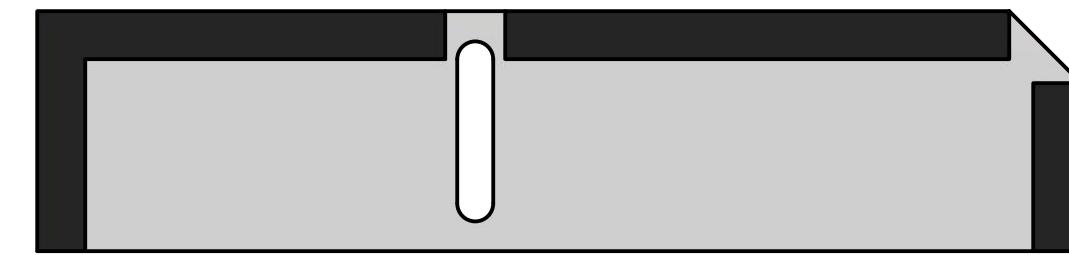
B

**Step 2**

1. Add vision target material to the front of the other Item 1.
2. Add velcro to the back of Item 1 as shown. Velcro is used to aid in assembly and disassembly of GE-13028. A more permanent means of attachment may be used (such as rivets or bolts).

**Step 3**

1. Apply loop velcro to Item 3 as shown. Please note that there is a left and right version of the velcro per goal assembly.

**Left Version****Right Version**

DRAWN dfoster	12/29/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED			
UNLESS OTHERWISE SPECIFIED			
<b>TOLERANCES: (INCHES)</b>			
FRAC.	+/- 1/32		
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.	SCALE	DWG NO
			GE-13027
		REV	A
SHEET 2 OF 5			

4

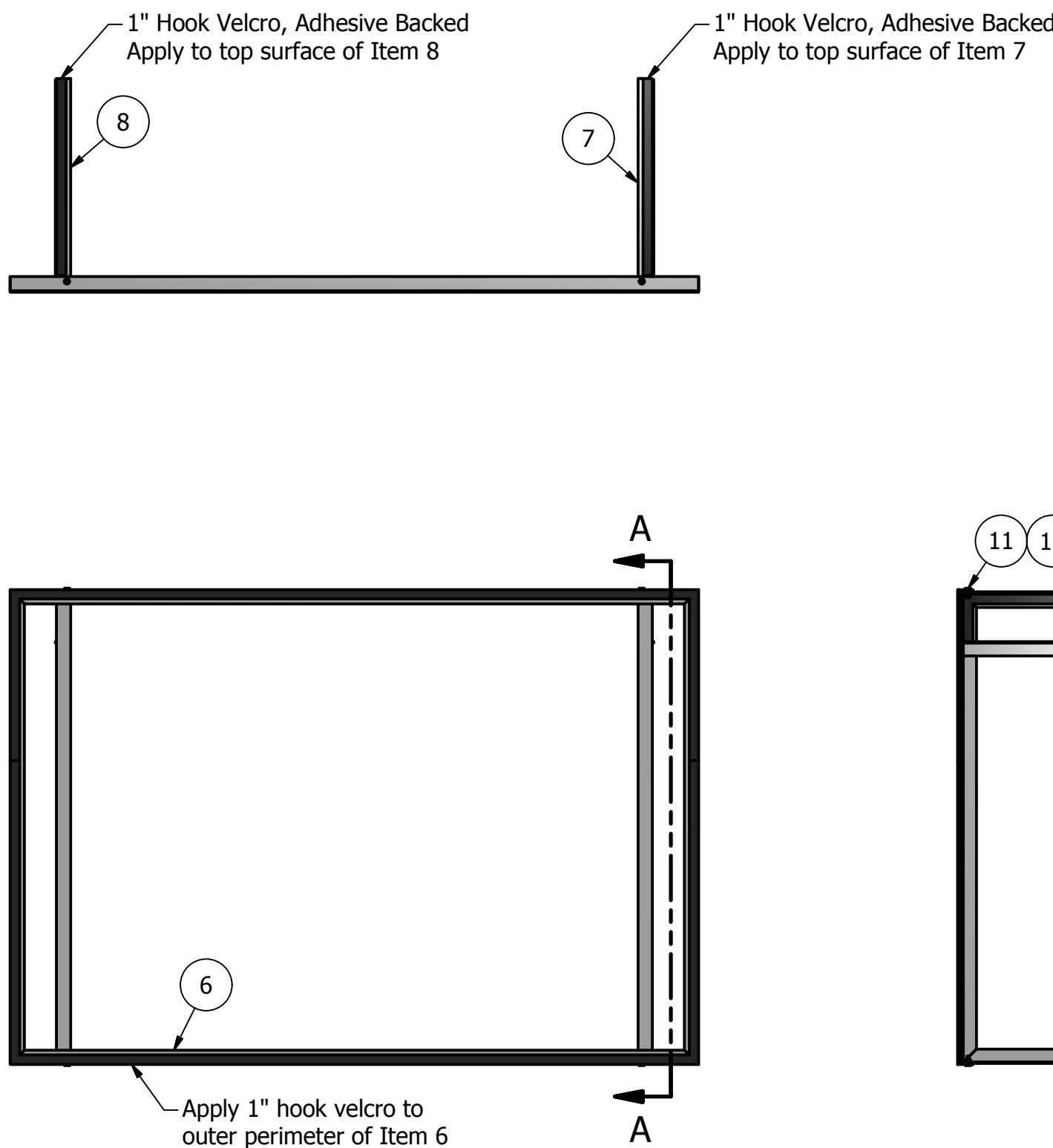
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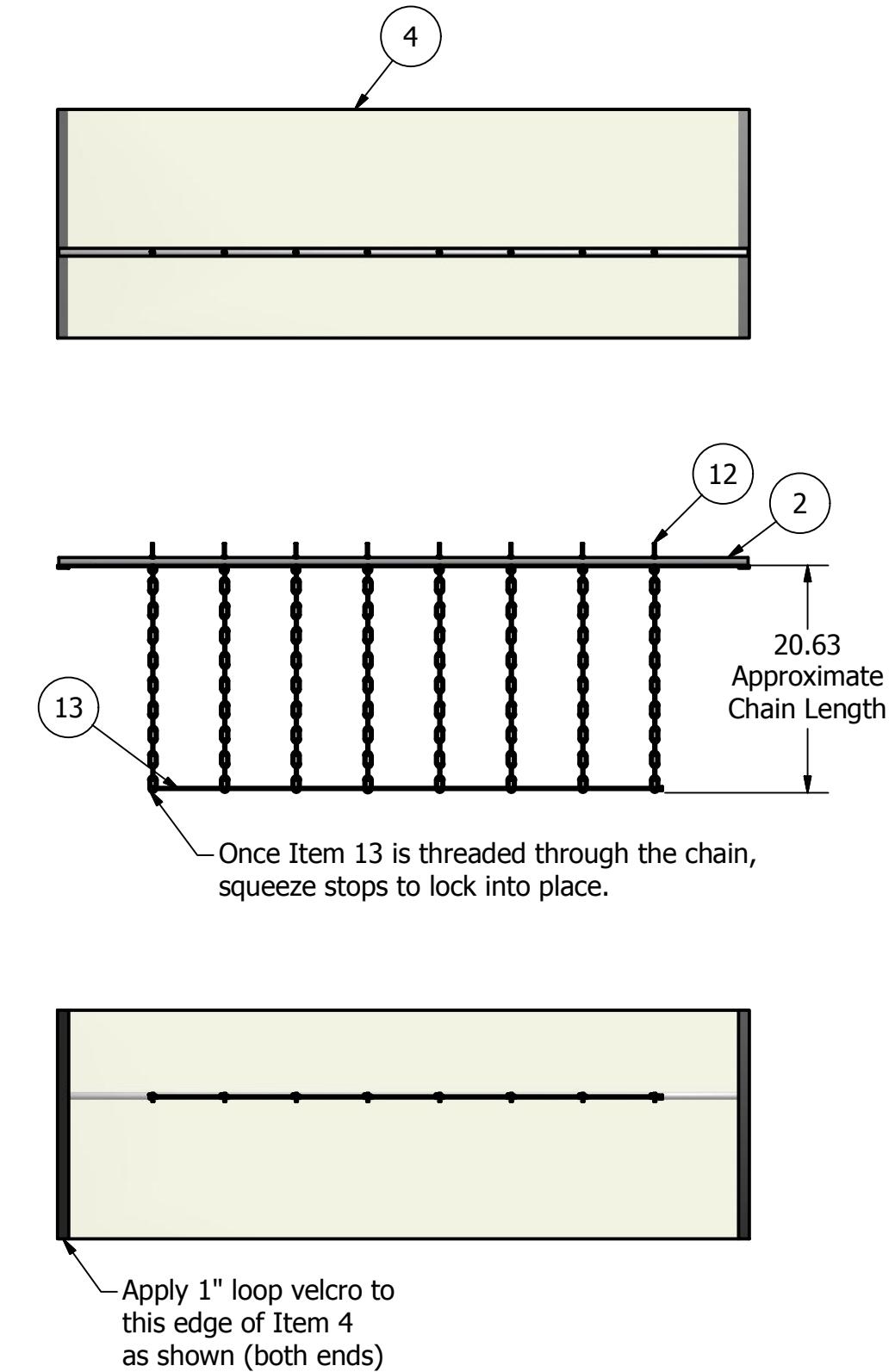
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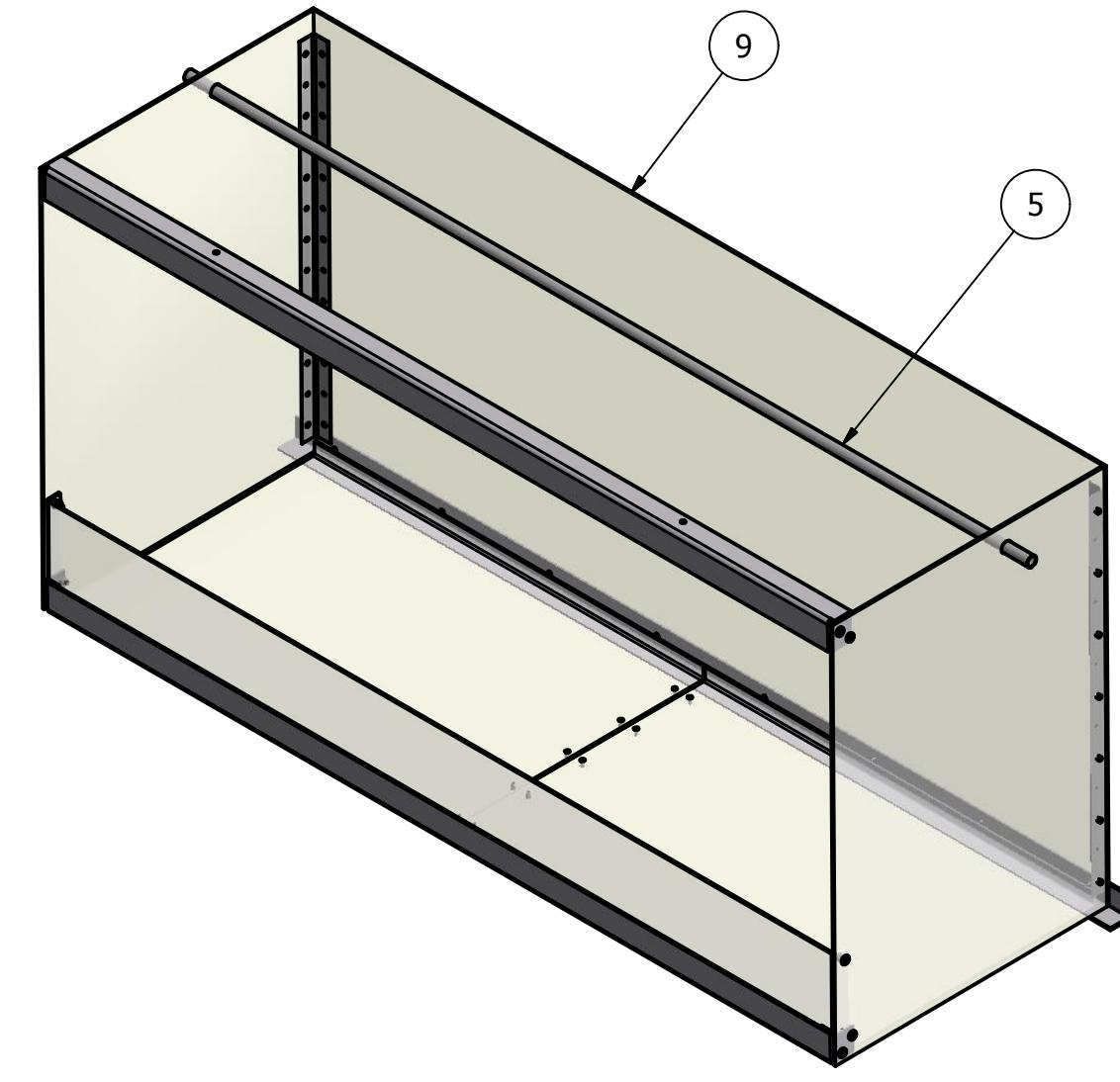
**SECTION A-A**  
**SCALE 1/15**

**Step 4**

1. Bolt Items 7 and 8 to Item 6.
2. Add velcro to the frames as indicated. Velcro is used to aid in assembly and disassembly of GE-13027. A more permanent means of attachment may be used.

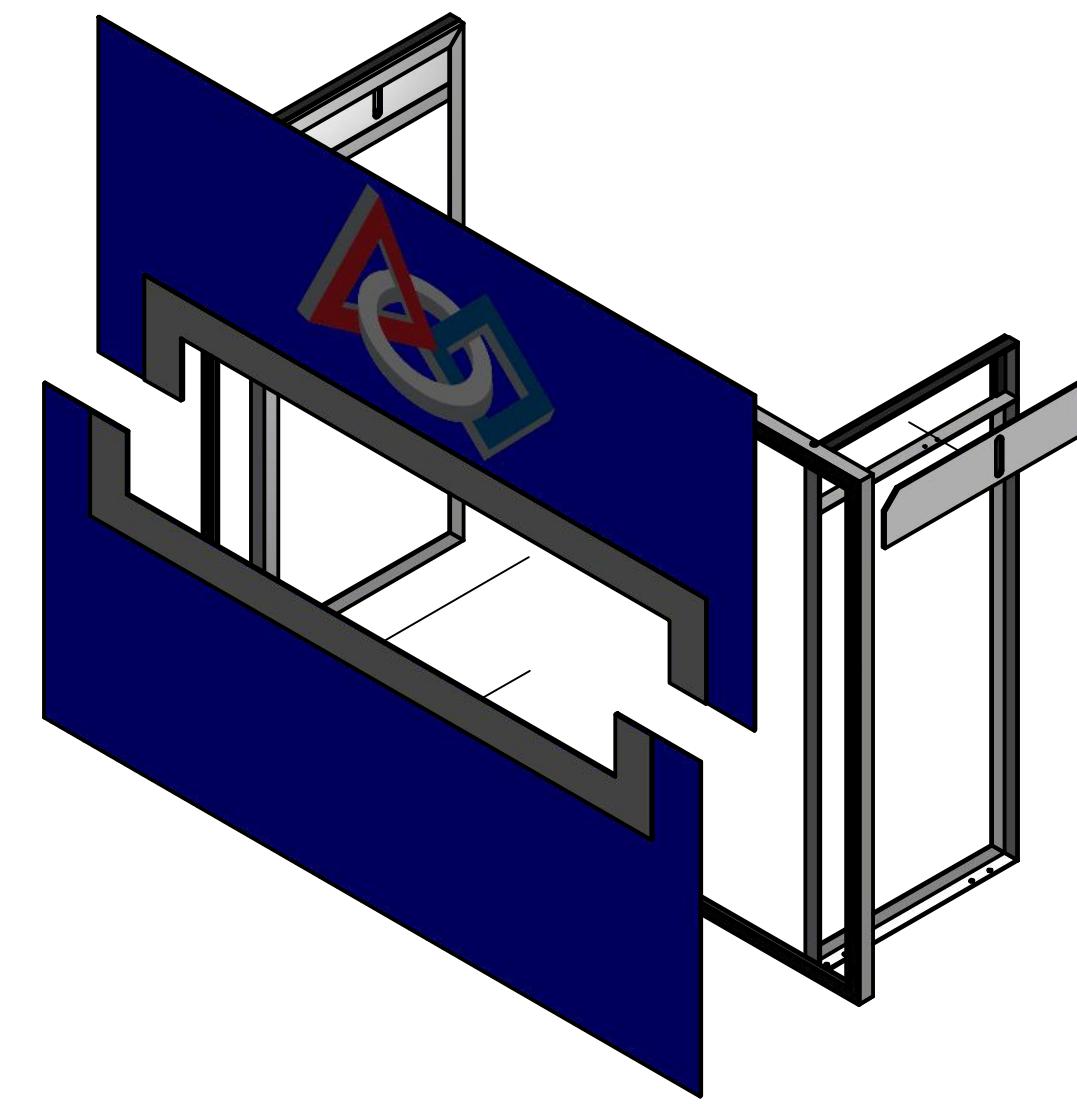


DRAWN dfoster	12/29/2012	<b>FIRST</b>		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		TITLE		
FRAC.	+/- 1/32	High Goal Assembly		
.00	+/- .01	SIZE		
.000	+/- .005	DWG NO		
ANGULAR	+/- .25 Deg.	SCALE		REV A
			SHEET 3 OF 5	



Step 6

1. Pass Item 5 through the available holes in Item 9 as shown. Item 5 should be protruding approximately 2" from each side of Item 9.



Step 7

1. Attach goal plastic to the goal frame as shown.

DRAWN dfoster	12/29/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
CHECKED							
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	+/- 1/32						
.00	+/- .01						
.000	+/- .005						
ANGULAR	+/- .25 Deg.	SCALE	DWG NO	REV			
			GE-13027	A			
			SHEET 4 OF 5				

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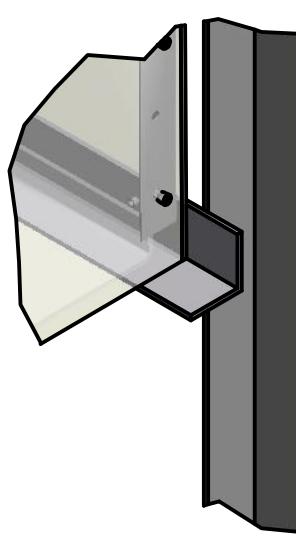
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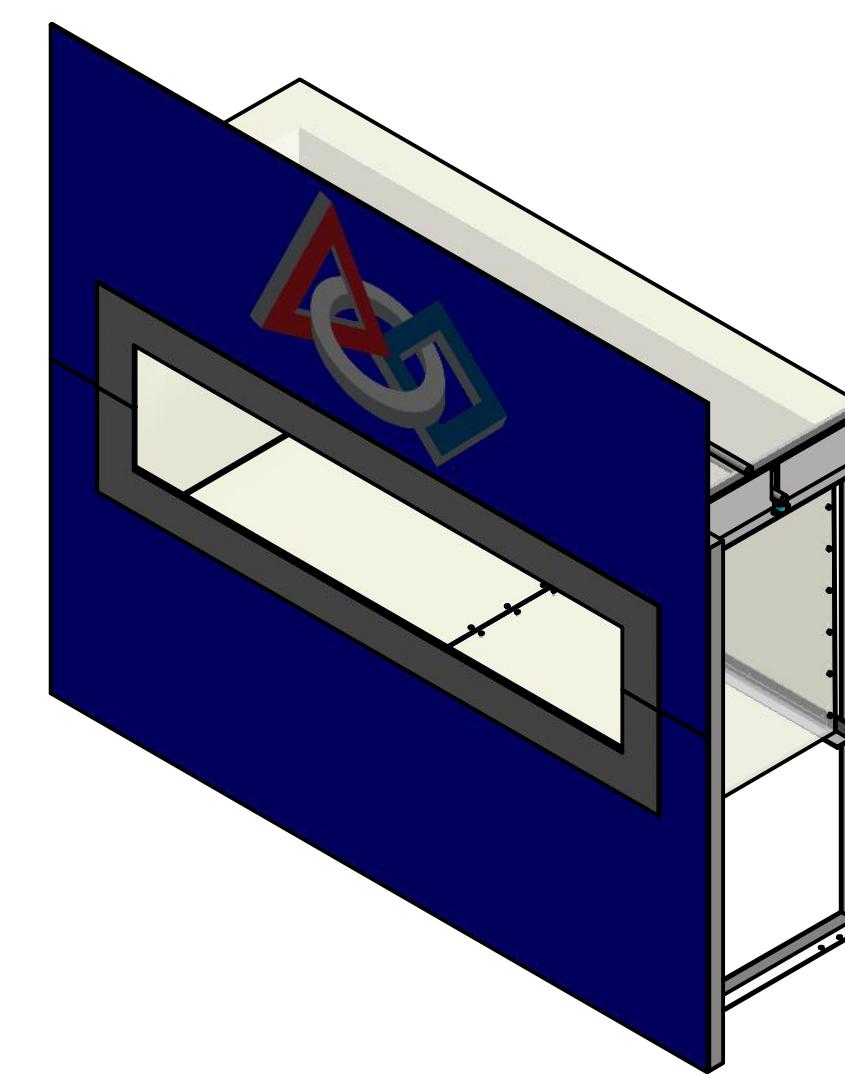
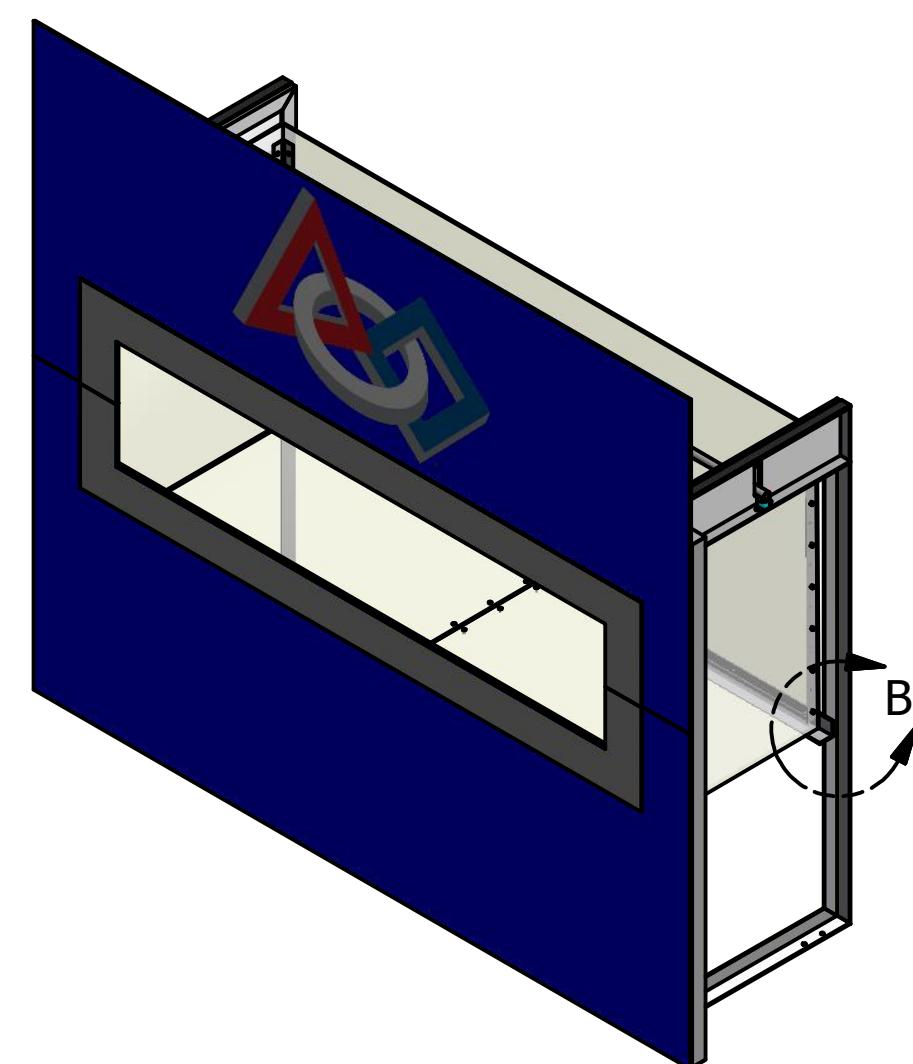
A



**DETAIL B**  
SCALE 1 / 4

Step 8

1. Take the assembly from Step 6 and place the tube into the slots of Item 3 as shown. Note that the bottom angle will be inside the side frames as shown in Detail B.



Step 9

1. Take the assembly from Step 5 and place it on the assembly from Step 8. The velcro on the bottom surface of the plastic should line up to the velcro on the goal fram. Chains shoul hang freely.

DRAWN dfoster	12/29/2012	<b>FIRST</b>		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		TITLE		
FRAC.	+/- 1/32	High Goal Assembly		
.00	+/- .01	SIZE		
.000	+/- .005	DWG NO		
ANGULAR	+/- .25 Deg.	SCALE		REV A
			SHEET 5 OF 5	

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## REVISION HISTORY

ZONE	REV	DESCRIPTION	DATE	APPROVED
A-2	A	Added Item 13	2/22/2013	DAF

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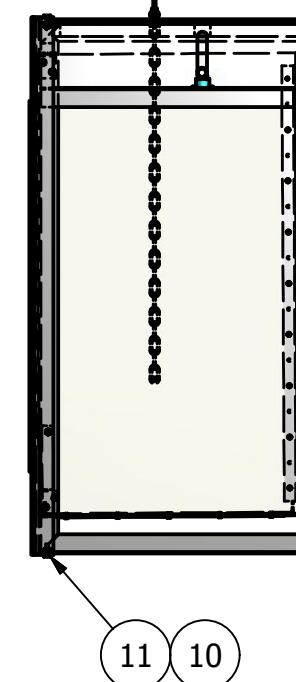
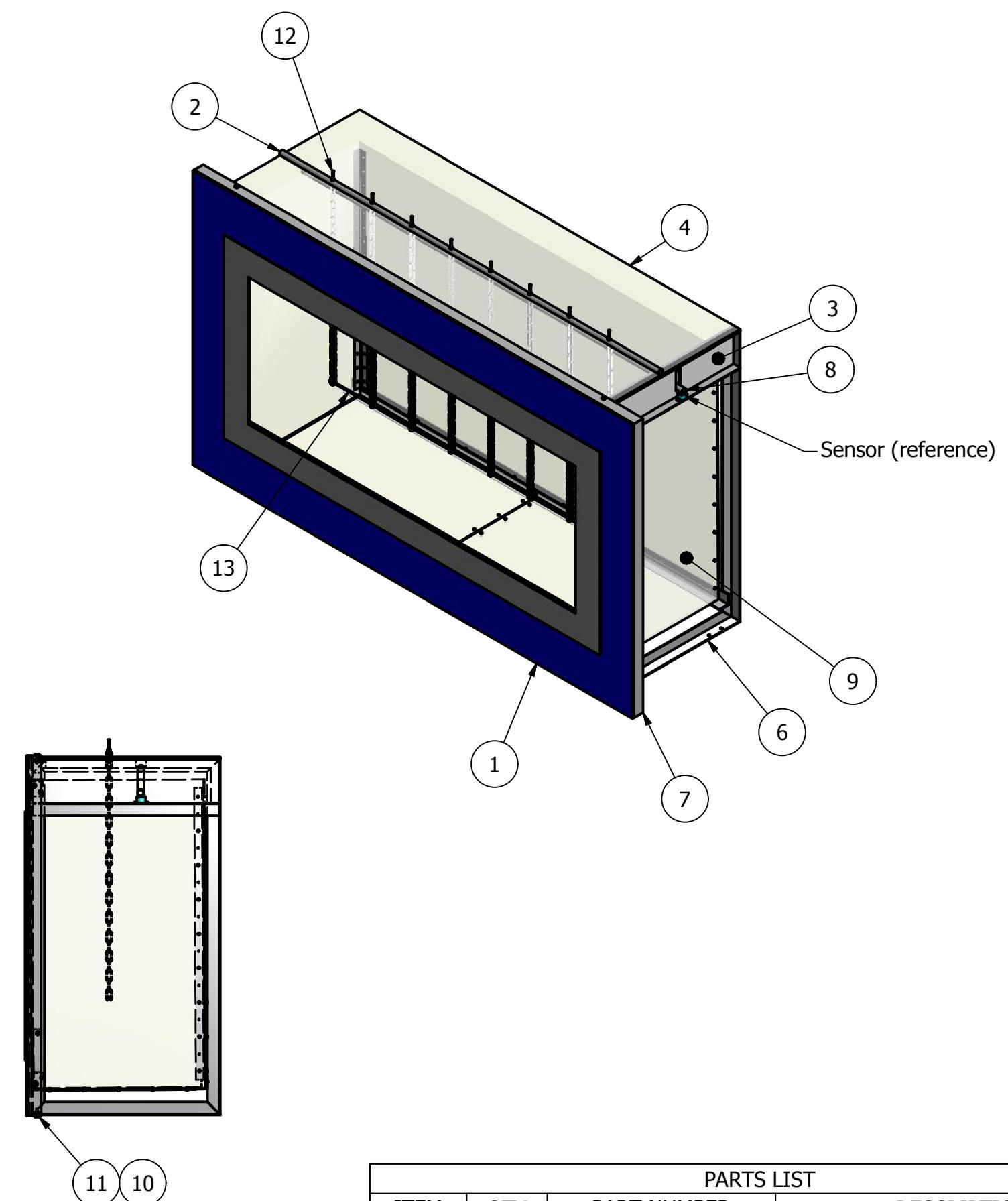
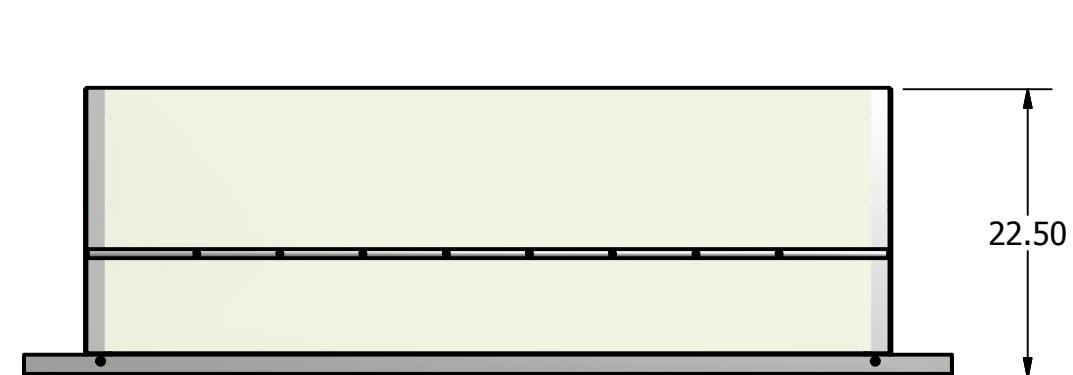
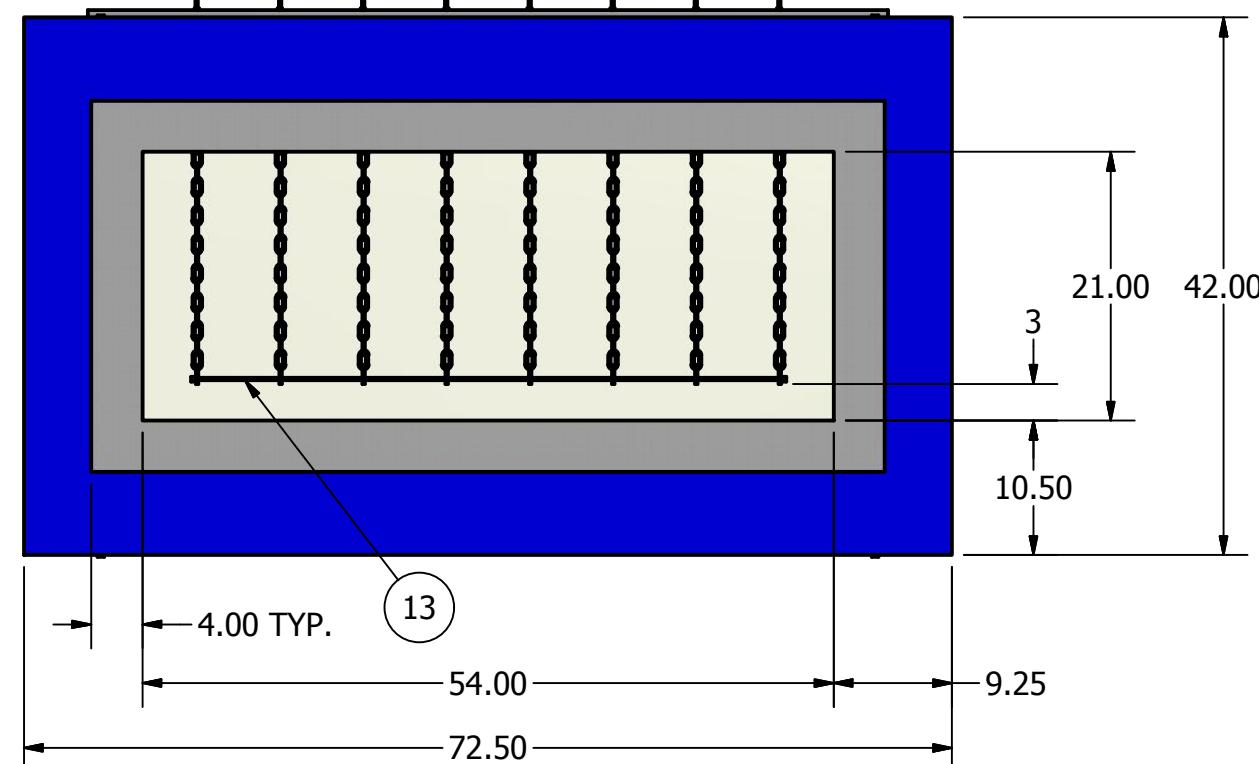
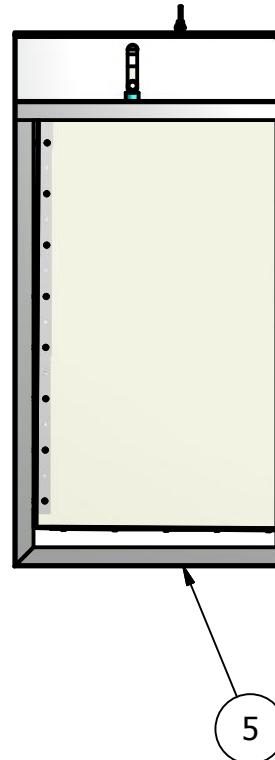
C

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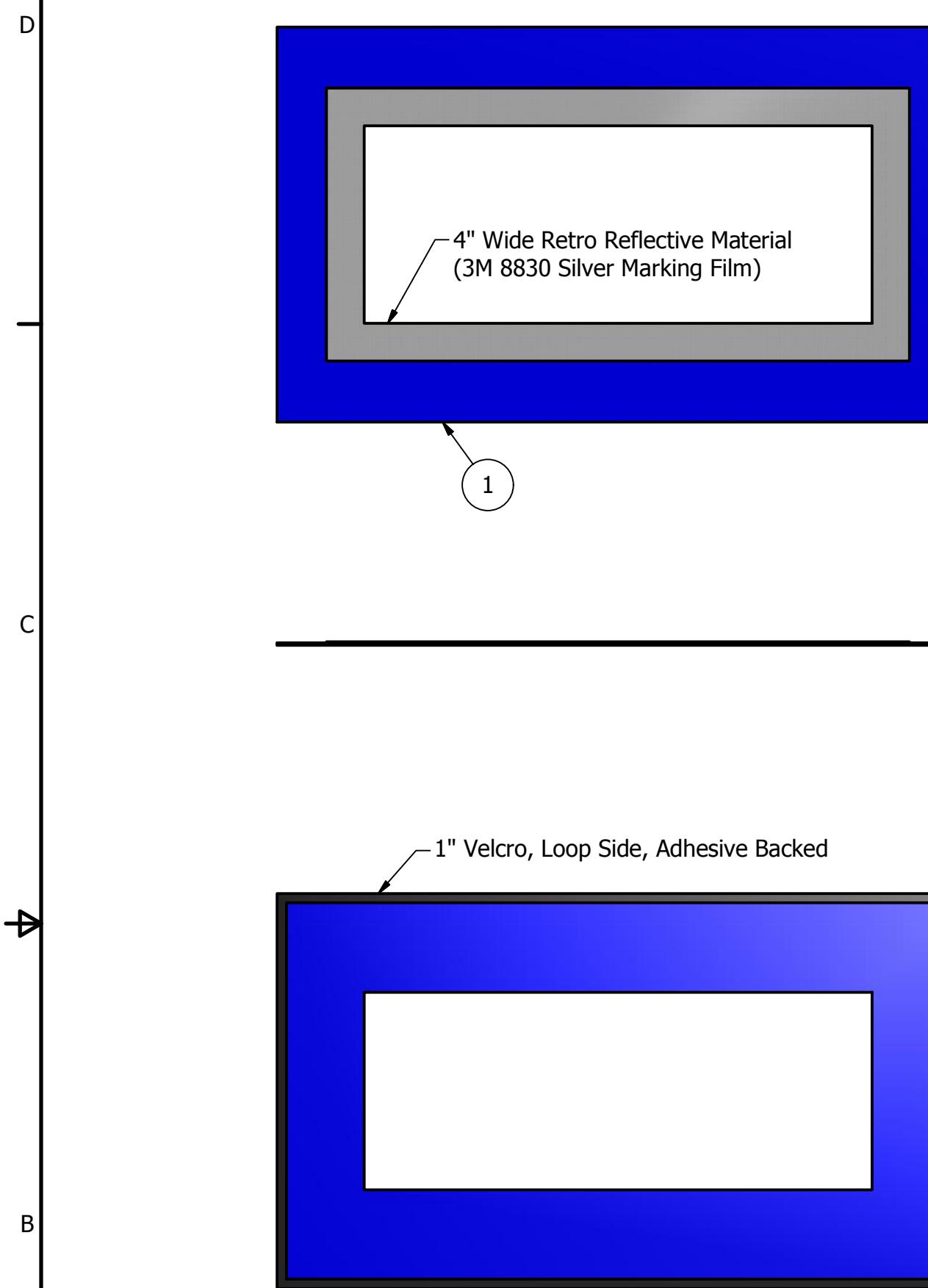
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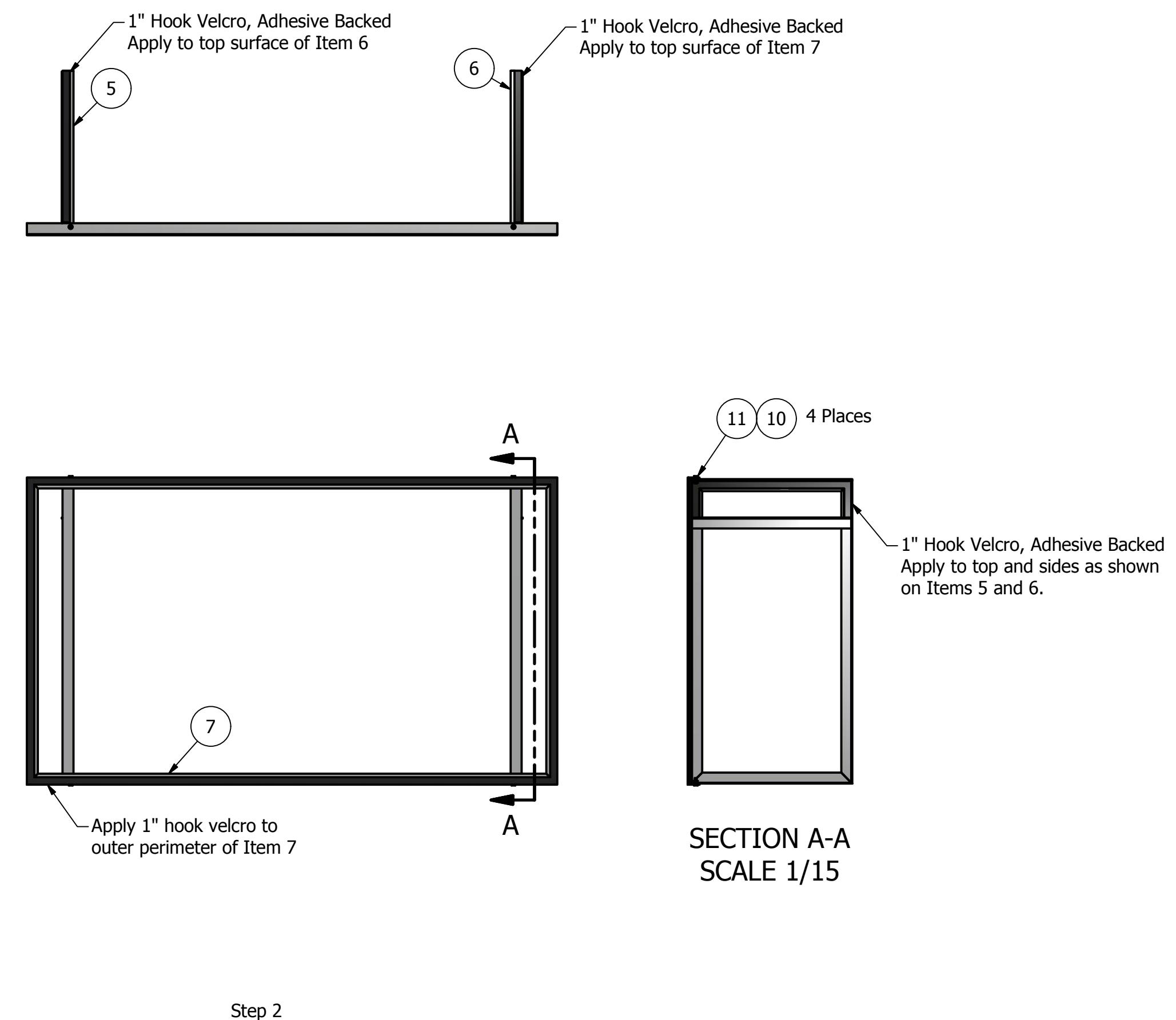
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-13011	Side Goal Plastic
2	1	GE-13029	Chain Hanger
3	2	GE-13030	Slot Plate
4	1	GE-13031	Roof, Goal
5	1	GE-13060	Side Frame 1, Middle Goal
6	1	GE-13061	Side Frame 2, Middle Goal
7	1	GE-13062	Front Frame, Middle Goal
8	1	GE-13064	Basket Pole
9	1	GE-13068	Goal Basket
10	5	HW-00002	Nut, Lock 1/4-20
11	4	HW-00074	Flat Head Screw 1/4-20 x 1"
12	8	HW-00075	Eye Bolt, 10-32 x 2" L
13	1	GE-13089	Cable Assembly

DRAWN dfoster	12/28/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED			
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)			
FRAC.	+/- 1/32		
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.		
SHEET 1 OF 5	DWG NO <b>GE-13028</b>	REV A	



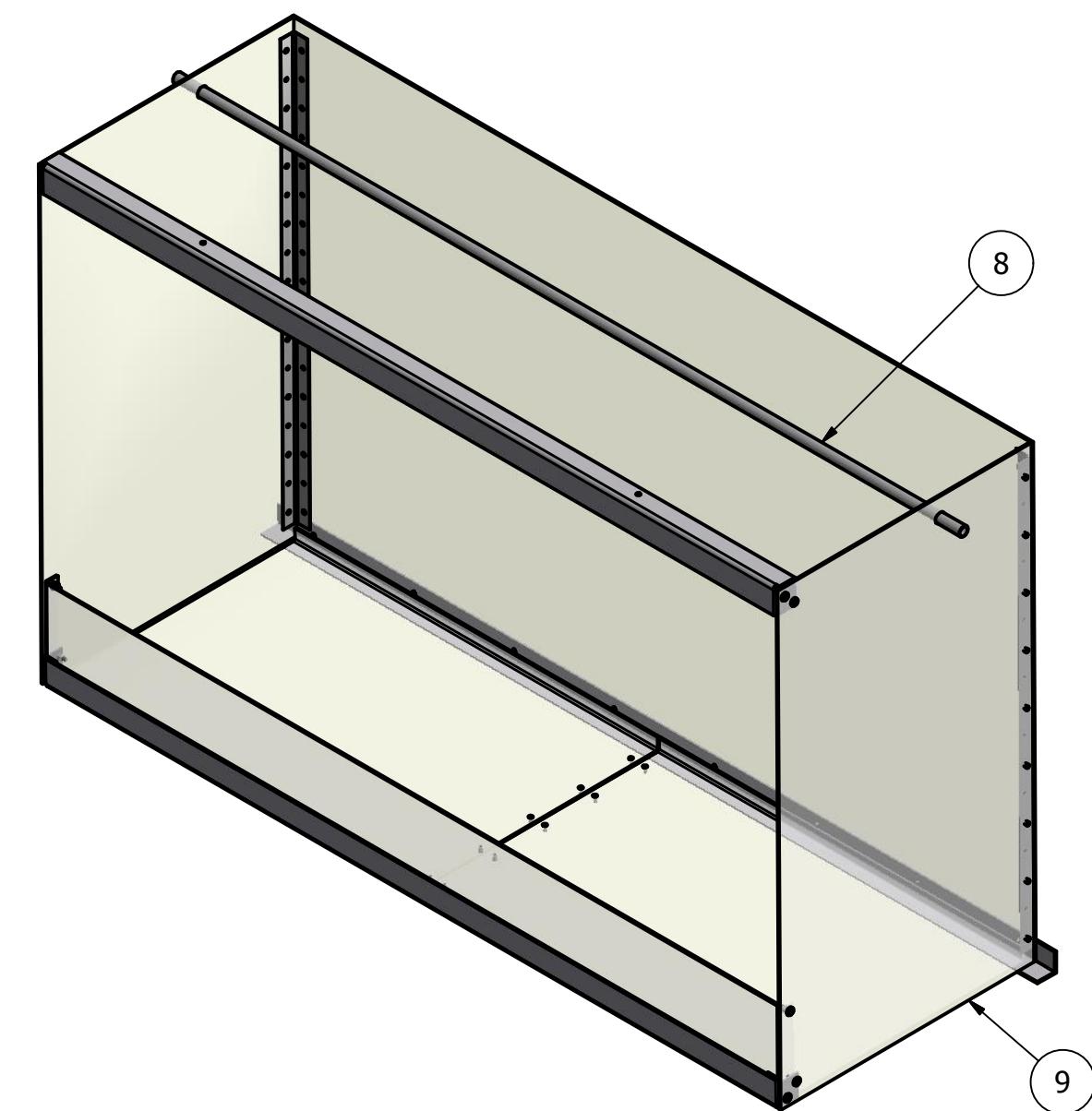
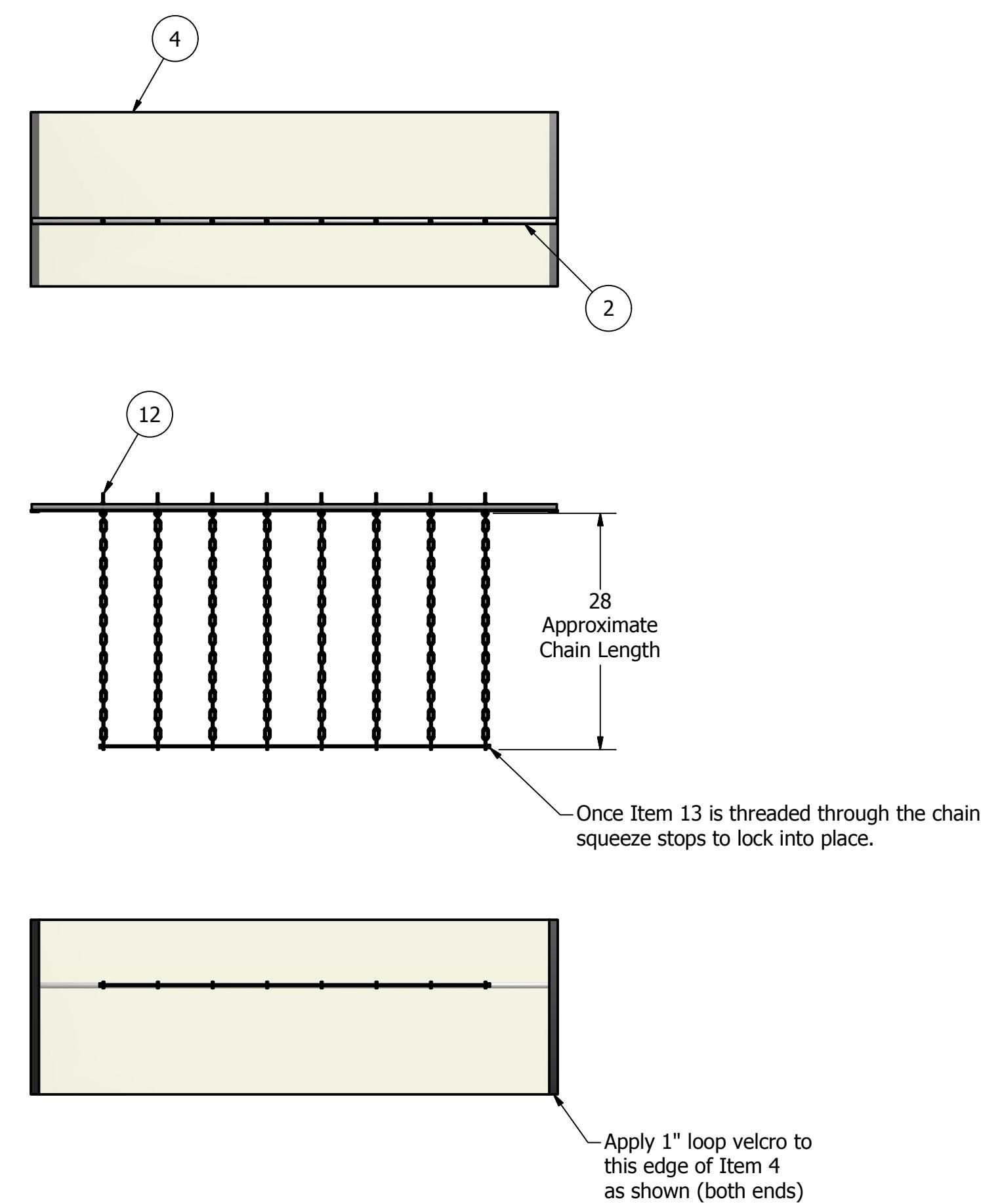
## Step 1

1. Add vision target material to the front Item 1.
2. Add velcro to the back of Item 1. Velcro is used to aid in assembly and disassembly of GE-13028. A more permanent means of attachment may be used.



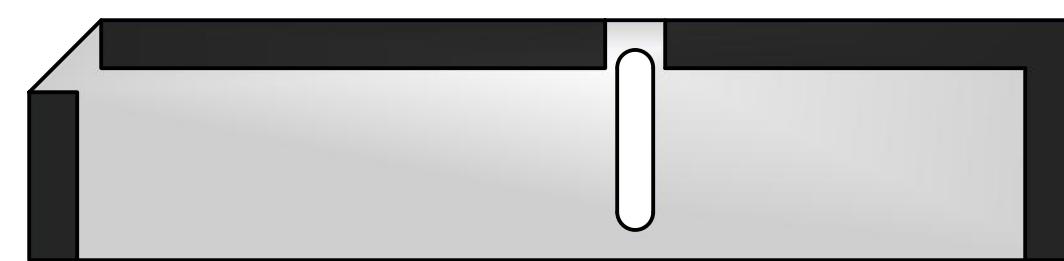
DRAWN dfoster	12/28/2012	<b>FIRST</b>		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		TITLE		
FRAC.	+/- 1/32	Middle Goal Assembly		
.00	+/- .01	SIZE	DWG NO	REV
.000	+/- .005	C	GE-13028	A
ANGULAR	+/- .25 Deg.	SCALE		SHEET 2 OF 5

4 3 2 1



DRAWN dfoster	12/28/2012	FIRST		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
TOLERANCES: (INCHES)		TITLE		
FRAC.	+/- 1/32	Middle Goal Assembly		
.00	+/- .01	SIZE		
.000	+/- .005	DWG NO		
ANGULAR	+/- .25 Deg.	SCALE		REV A
			GE-13028	
			SHEET 3 OF 5	

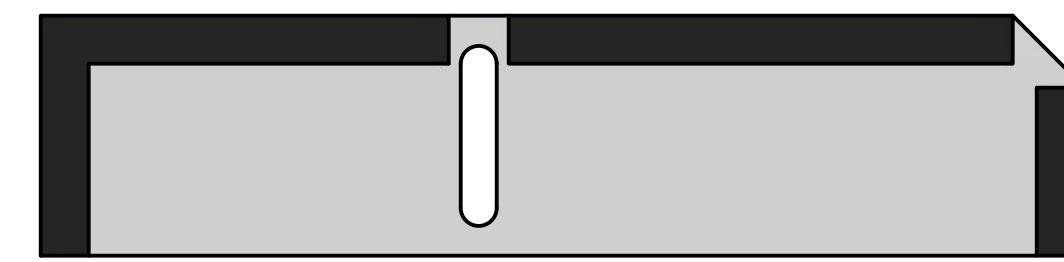
4 3 2 1



Left Version

Apply 1" loop velcro to edges of Item 4 as shown

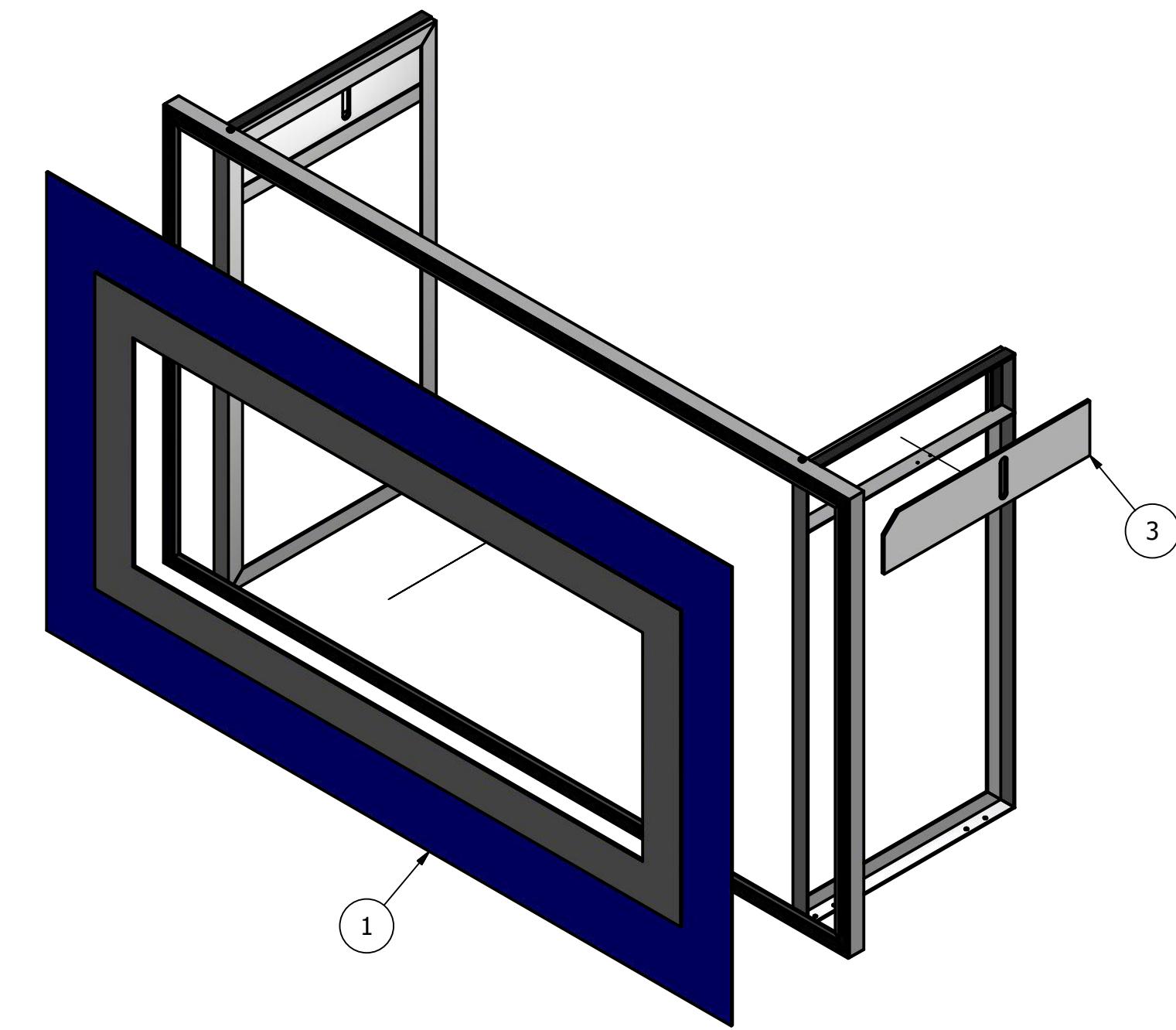
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Right Version

Apply 1" loop velcro to edges of Item 4 as shown

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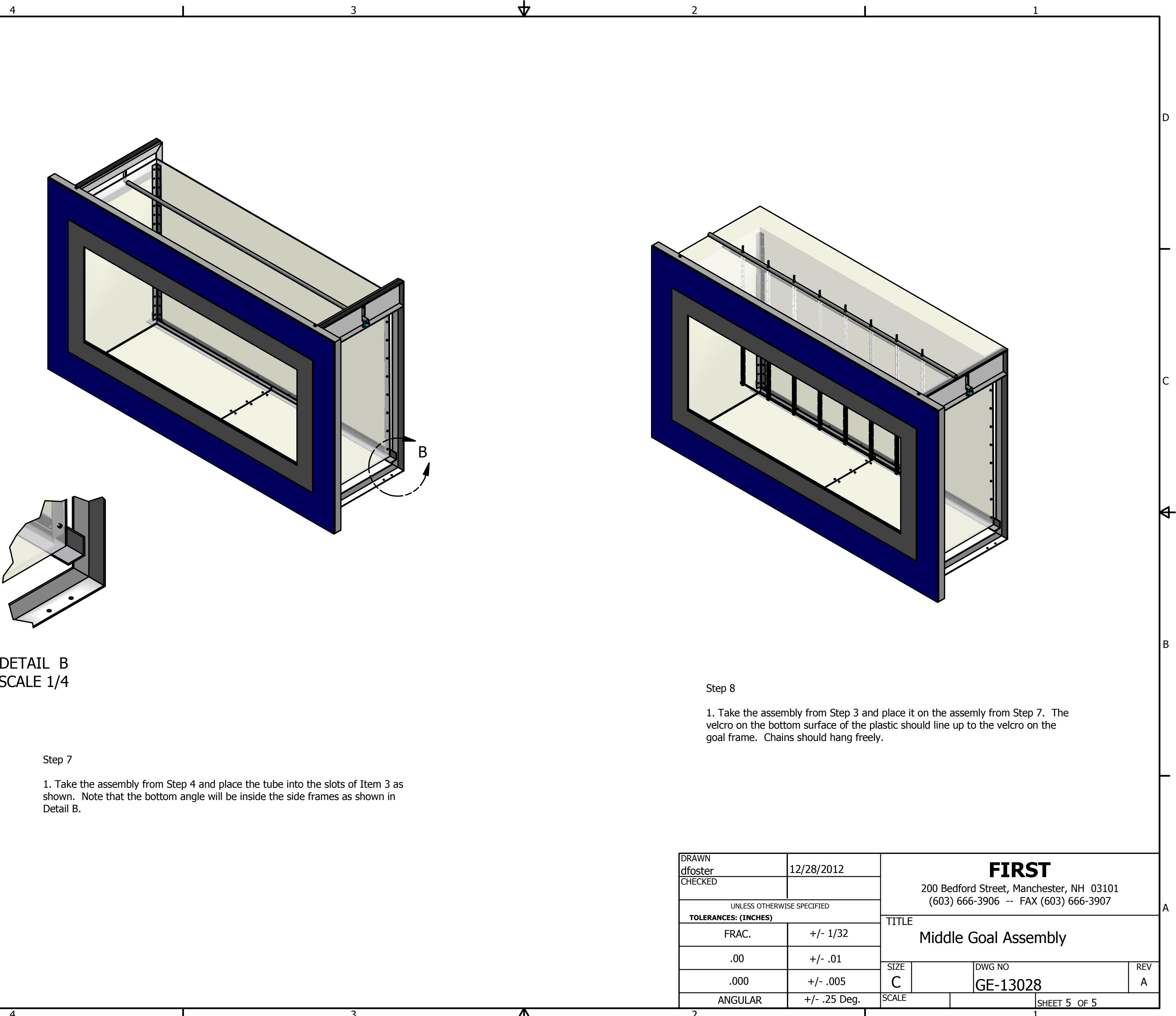
Step 5

1. Apply loop velcro to Item 3 as shown. Please note that there is a left and right version of the velcro per goal assembly.

Step 6

1. Attach goal plastic to the goal frame as shown.

DRAWN dfoster	12/28/2012	FIRST		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
TOLERANCES: (INCHES)		TITLE		
FRAC.	+/- 1/32	Middle Goal Assembly		
.00	+/- .01	SIZE	DWG NO	REV
.000	+/- .005	C	GE-13028	A
ANGULAR	+/- .25 Deg.	SCALE		SHEET 4 OF 5



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## REVISION HISTORY

## DESCRIPTION

ZONE

REV

A-4

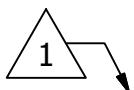
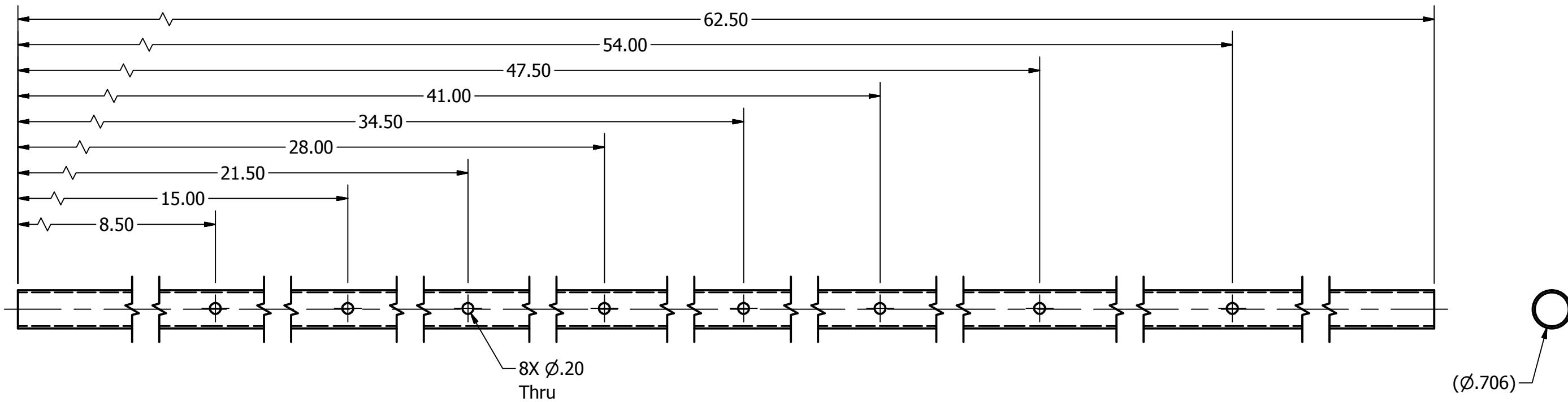
1

DATE

APPROVED

12/5/2012

MLC



Notes:

1. Material: 1/2" Electrical Metallic Tubing (EMT) IT (IMC)
2. Remove all burrs and sharp edges.

DRAWN dfoster	11/15/2012	<b>FIRST</b>		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		TITLE		
FRAC.	+/- 1/32	Chain Hanger		
.00	+/- .01	SIZE		
.000	+/- .005	DWG NO		
ANGULAR	+/- .25 Deg.	GE-13029		
SCALE		REV		
		1		
		SHEET 1 OF 1		

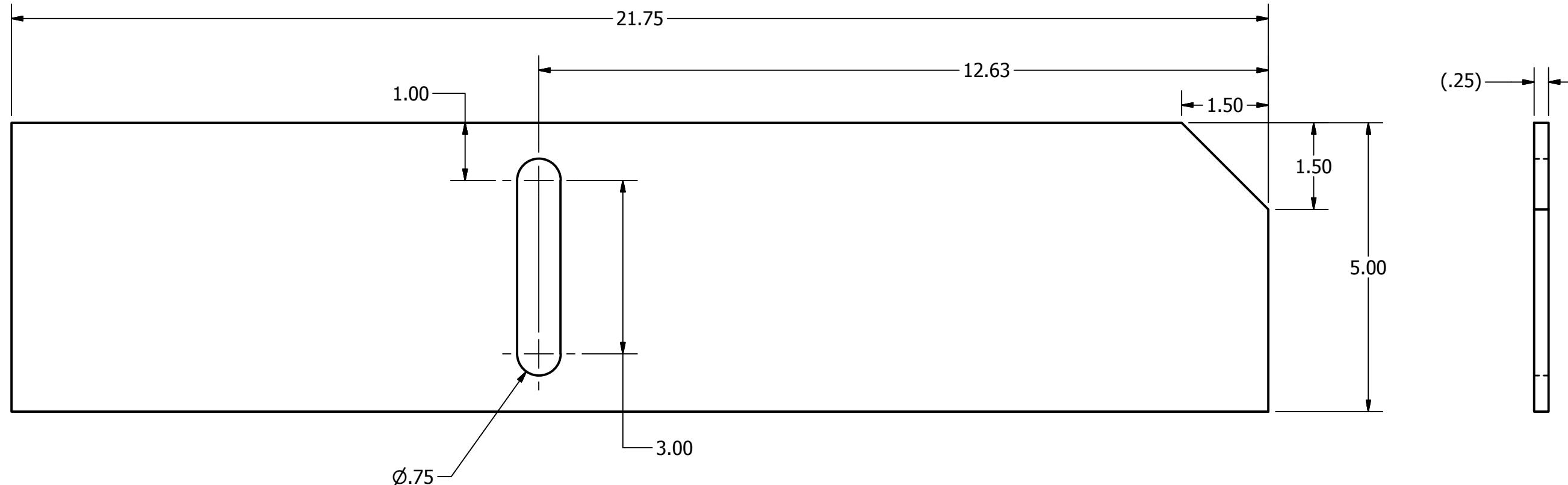
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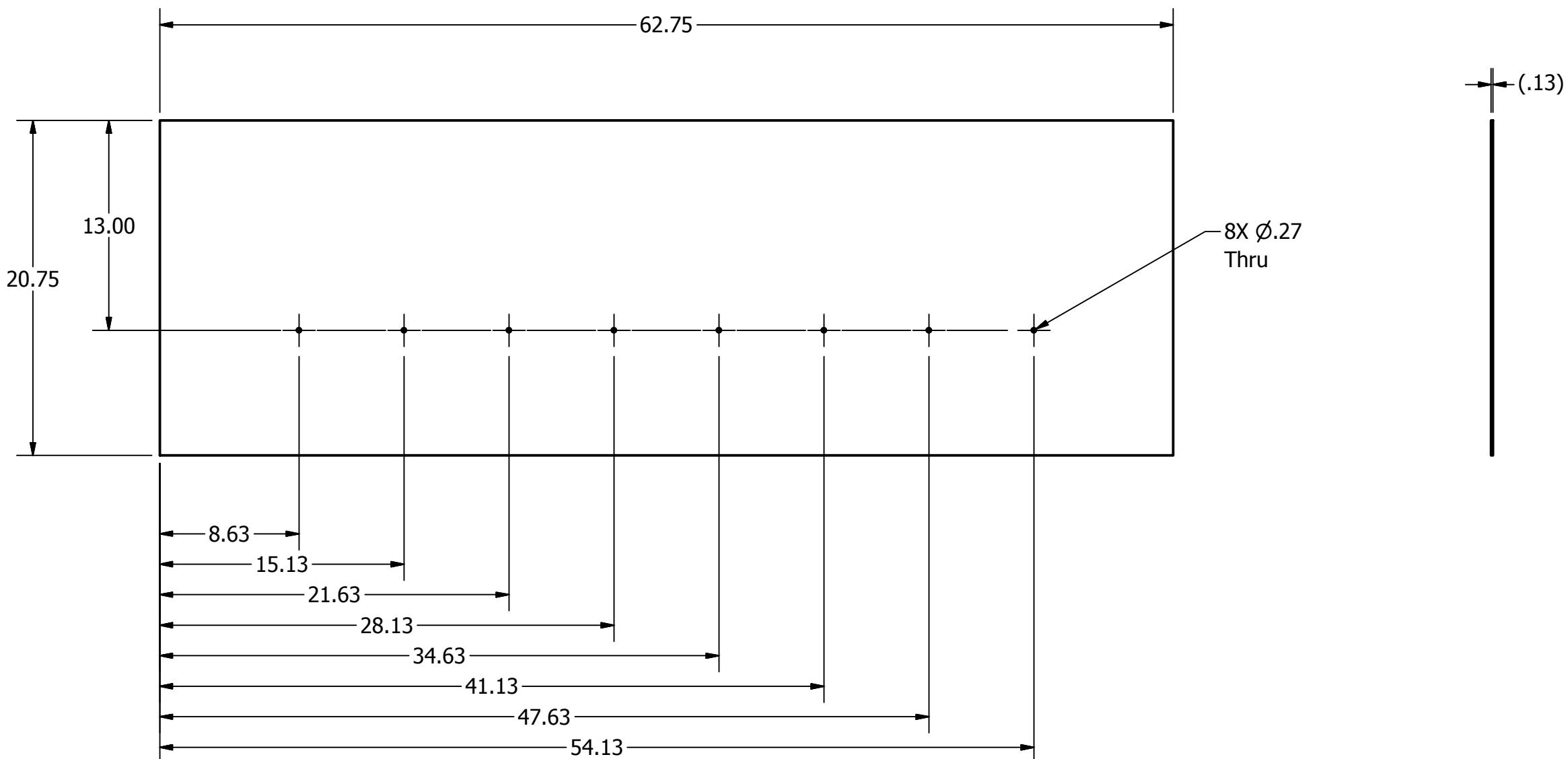
4



Notes:

1. Material: 1/4" thick white HDPE
2. Remove all burrs and sharp edges

DRAWN dfoster	11/15/2012	<b>FIRST</b>			
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
UNLESS OTHERWISE SPECIFIED					
TOLERANCES: (INCHES)		TITLE			
FRAC.	+/- 1/32	Slot Plate			
.00	+/- .01	SIZE	DWG NO	REV	
.000	+/- .005	B	GE-13030		
ANGULAR	+/- .25 Deg.	SCALE		SHEET 1 OF 1	



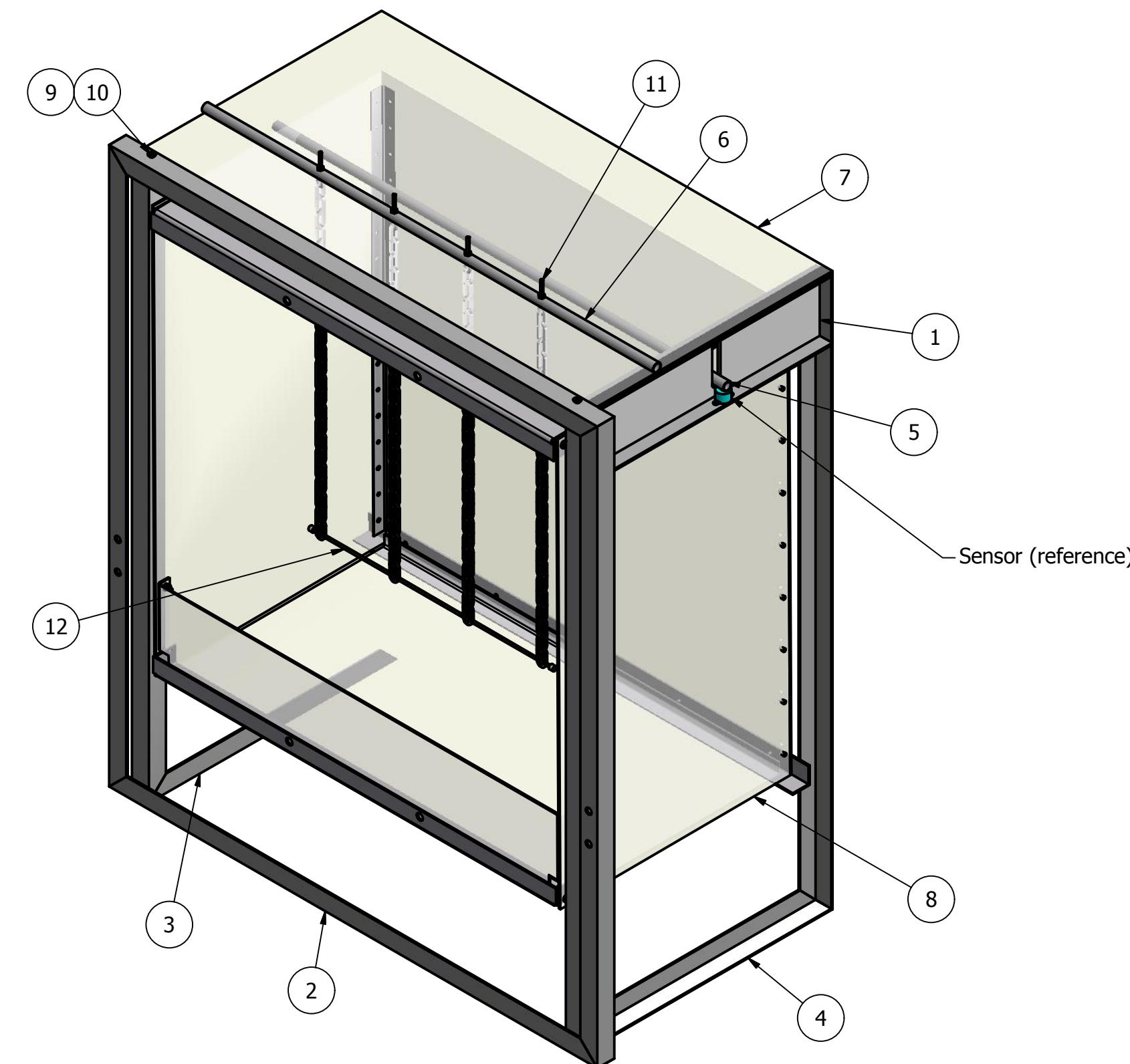
Notes:

1. Material: 1/8" thick clear polycarbonate
2. Remove all burrs and sharp edges

DRAWN dfoster	11/17/2012	<b>FIRST</b>			
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
UNLESS OTHERWISE SPECIFIED					
<b>TOLERANCES: (INCHES)</b>		<b>TITLE</b>			
FRAC.	+/- 1/32	Roof, Goal			
.00	+/- .01	SIZE			
.000	+/- .005	B	DWG NO		
ANGULAR	+/- .25 Deg.	GE-13031		REV	
SCALE				SHEET 1 OF 1	

4		3		2		1
REVISION HISTORY						
ZONE	REV	DESCRIPTION	DATE	APPROVED		

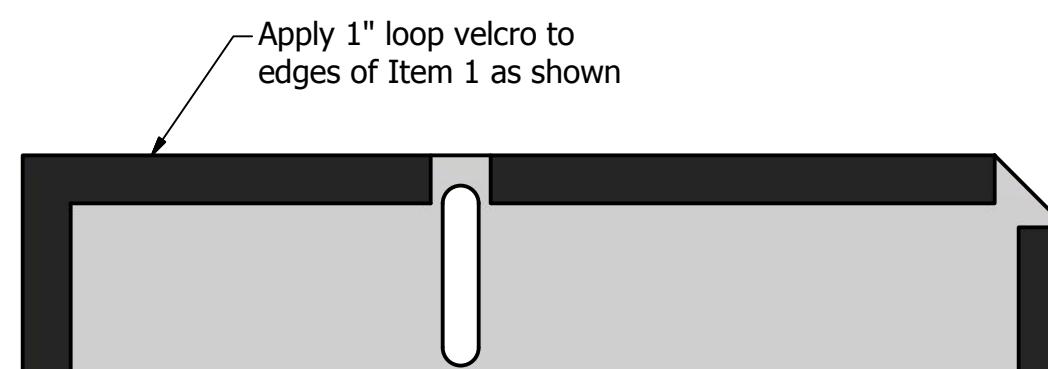
A-2	A	Added Item 12	2/22/2013	DAF
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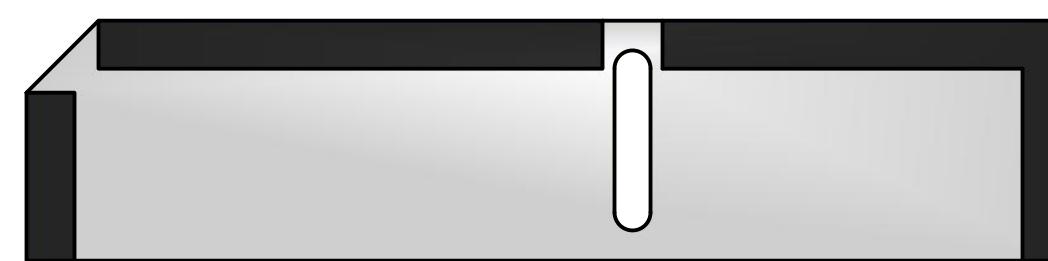
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	GE-13030	Slot Plate
2	1	GE-13053	Front Frame, Low Goal
3	1	GE-13054	Side Frame 1, Low Goal
4	1	GE-13056	Side Frame 2, Low Goal
5	1	GE-13057	Basket Pole, Low Goal
6	1	GE-13058	Chain Pole, Low Goal
7	1	GE-13059	Roof, Low Goal
8	1	GE-13083	Goal Basket, Low Goal
9	4	HW-00002	Nut, Lock 1/4-20
10	4	HW-00074	FHCS 1/4-20 x 1"
11	4	HW-00075	Eye Bolt, 10-32 x 2"L
12	1	GE-13090	Cable Assembly, Low Goal

DRAWN dfoster	12/30/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED					
UNLESS OTHERWISE SPECIFIED					
TOLERANCES: (INCHES)					
FRAC.	+/- 1/32	TITLE  Low Goal Assembly			
.00	+/- .01				
.000	+/- .005	SIZE C	DWG NO GE-13032		
ANGULAR	+/- .25 Deg.	SCALE	REV A		
SHEET 1 OF 4					

4 3 2 1



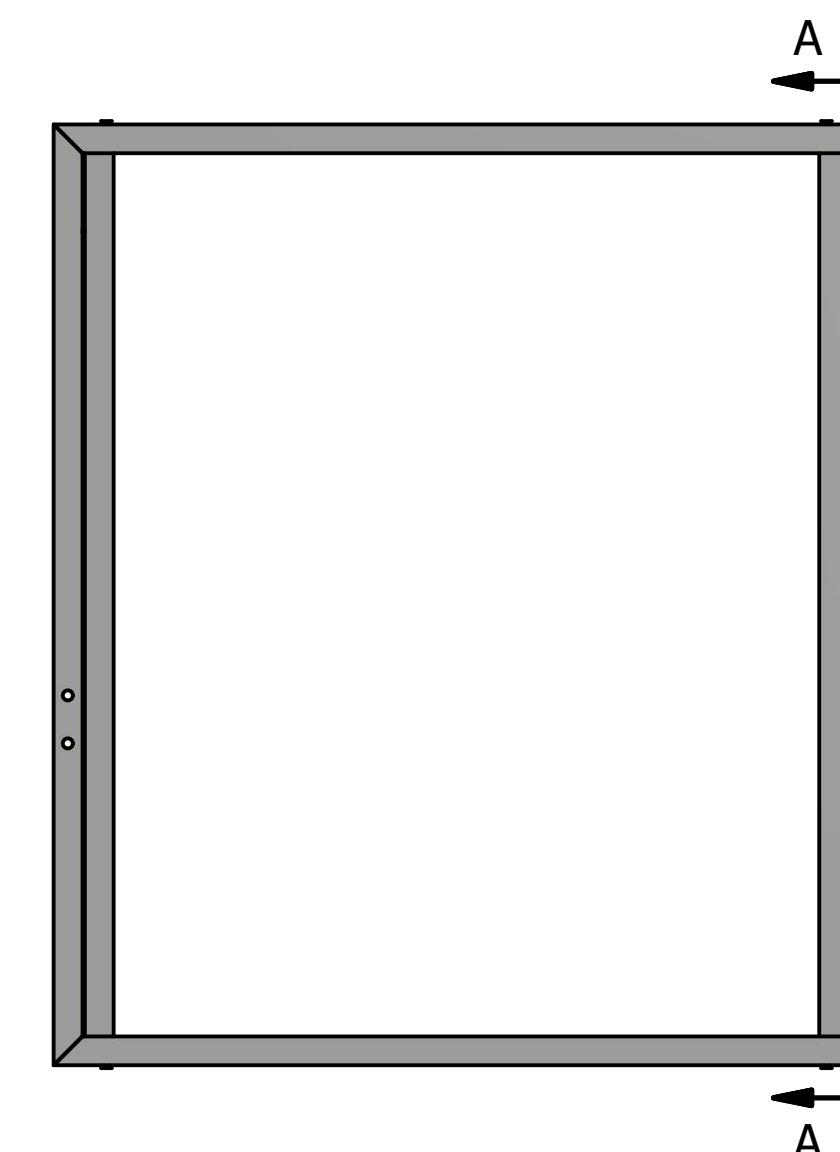
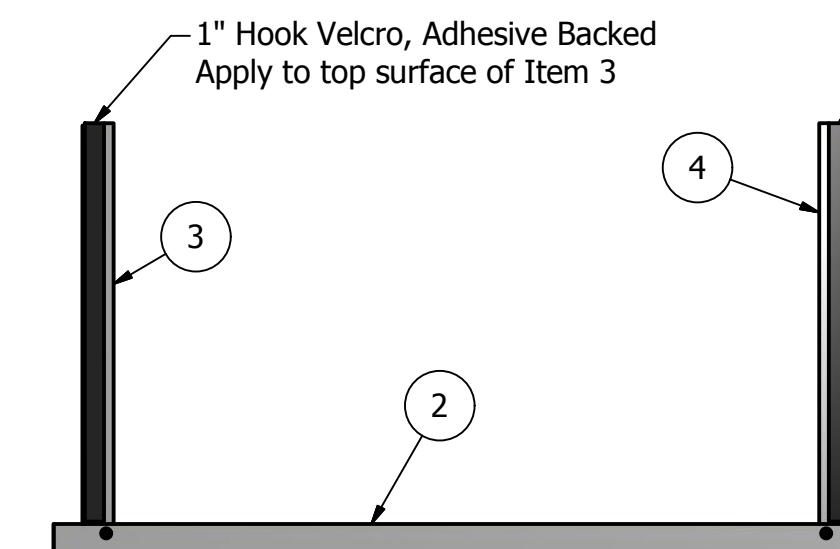
Right Version



Left Version

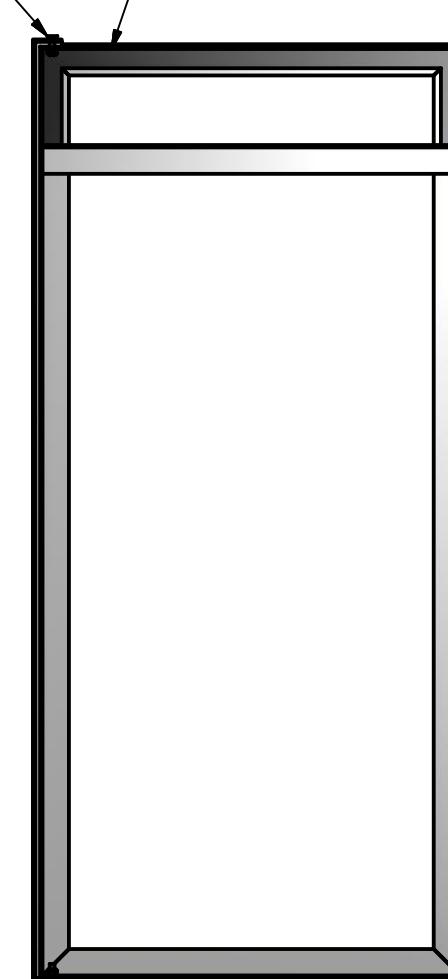
Step 1

1. Apply loop velcro to Item 3 as shown. Please note that there is a left and right version of the velcro per goal assembly.



4 Places  
9 10

1" Hook Velcro, Adhesive Backed  
Apply to top and sides as shown on Items 3 and 4.



SECTION A-A  
SCALE 1/10

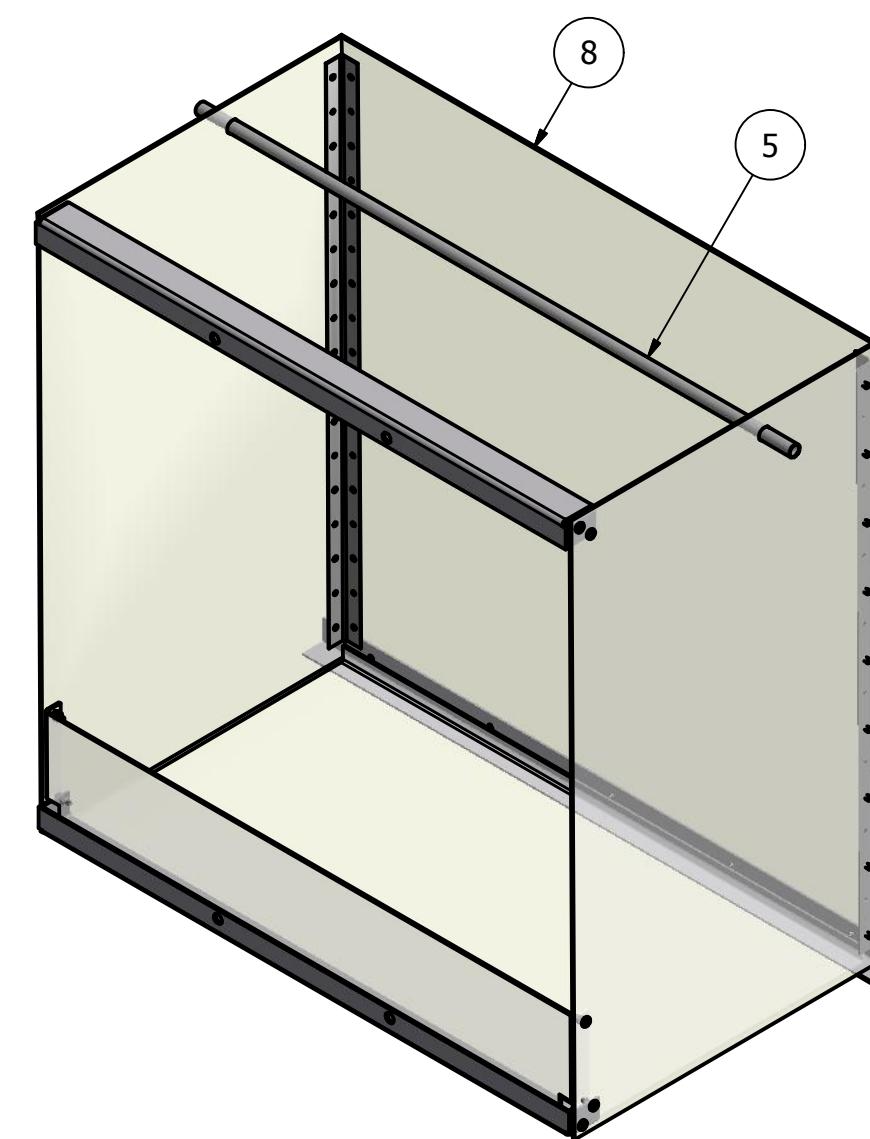
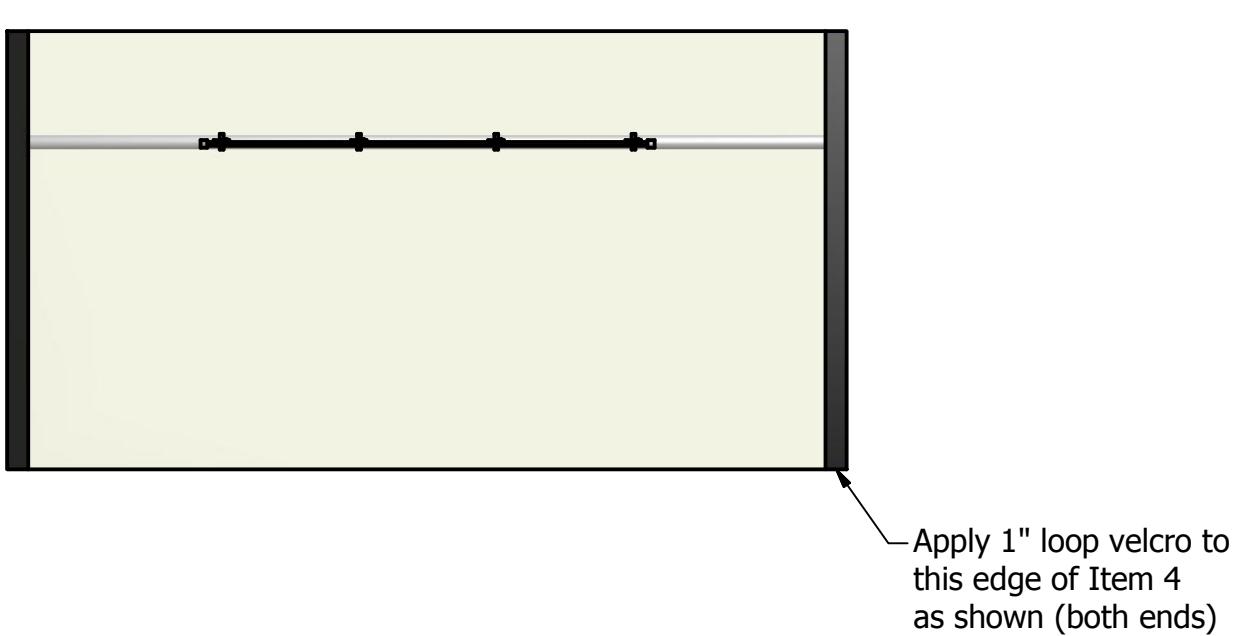
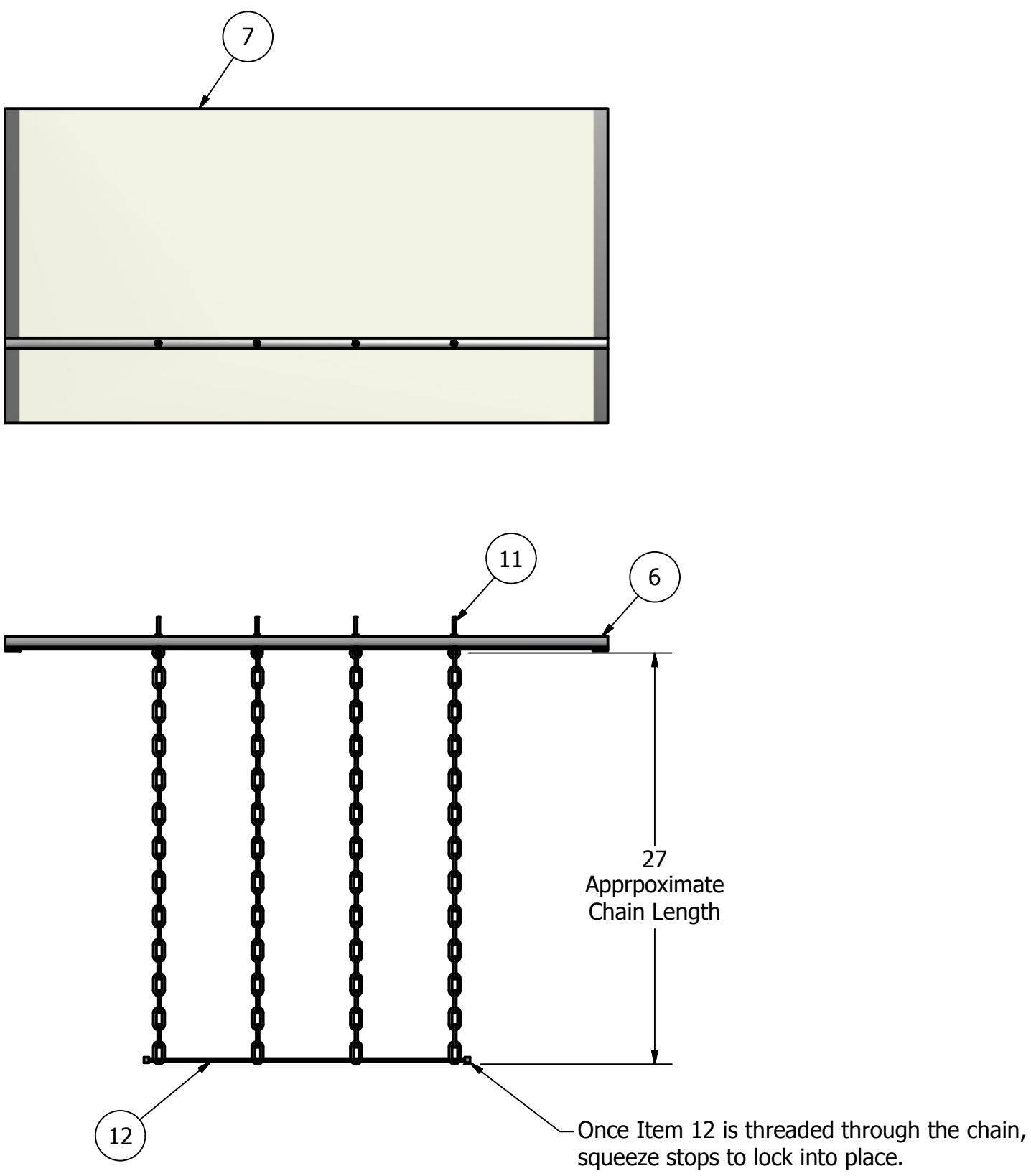
Step 2

1. Bolt Items 3 and 4 to Item 2.
2. Add velcro to the frames as indicated. Velcro is used to aid in assembly and disassembly of GE-13028. A more permanent means of attachment may be used.

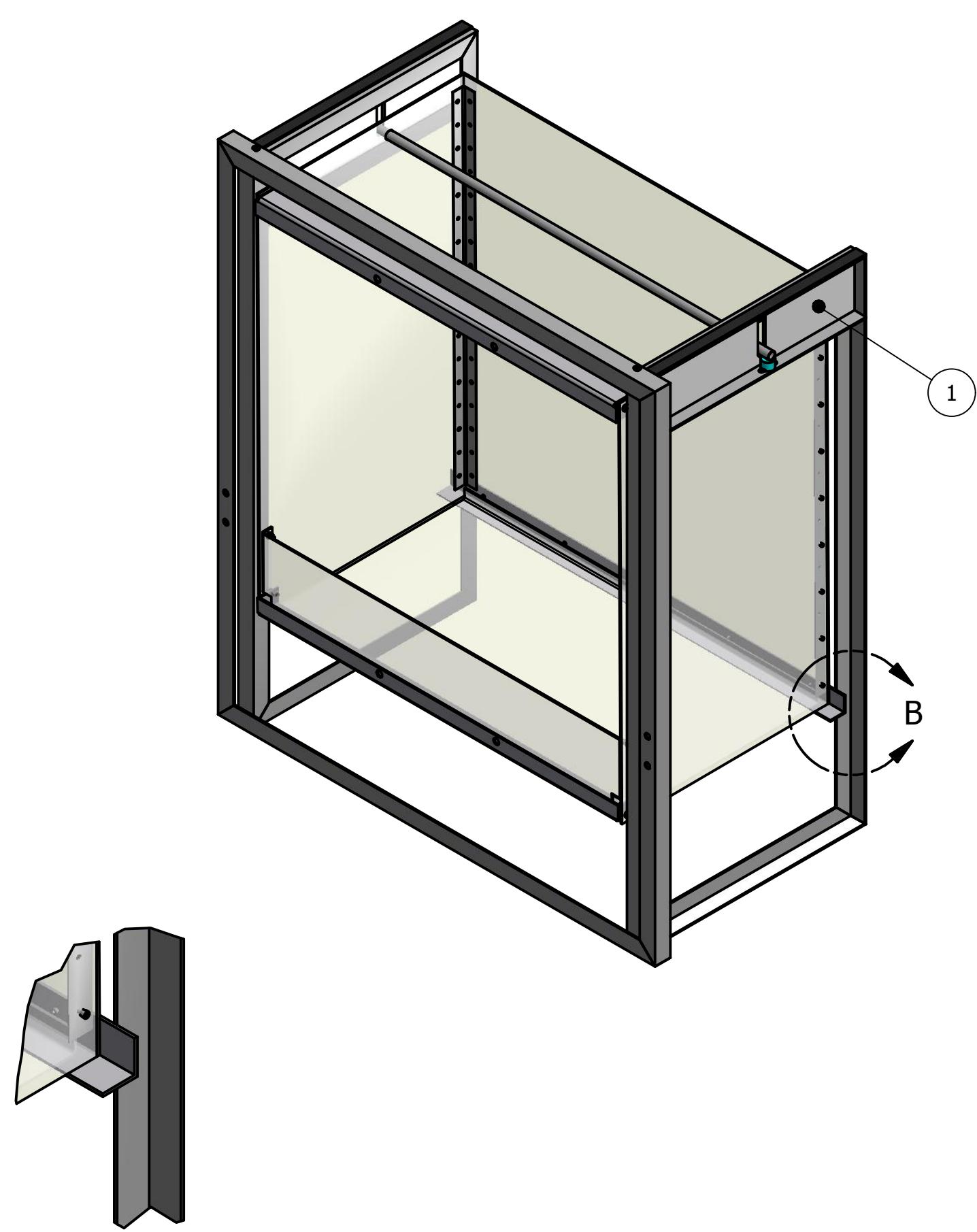
DRAWN dfoster	12/30/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED				
TOLERANCES: (INCHES)				
FRAC.	+/- 1/32			
.00	+/- .01			
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SCALE	DWG NO	REV
			GE-13032	A
SHEET 2 OF 4				

4 3 2 1

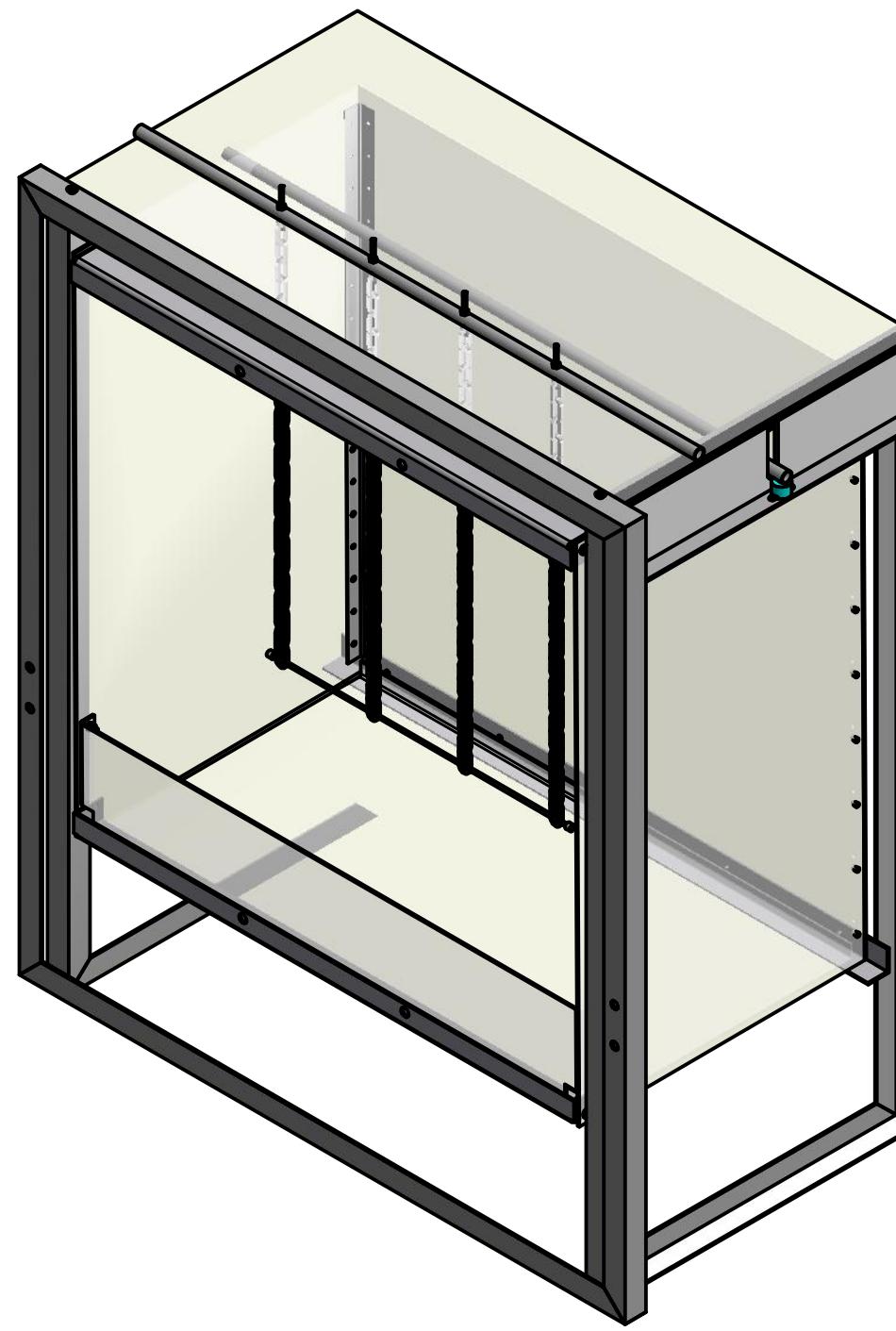
4 3 2 1



DRAWN dfoster	12/30/2012	<b>FIRST</b>		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		TITLE		
FRAC.	+/- 1/32	Low Goal Assembly		
.00	+/- .01	SIZE	REV	
.000	+/- .005	C	A	
ANGULAR	+/- .25 Deg.	SCALE	SHEET 3 OF 4	
			GE-13032	



**DETAIL B**  
SCALE 1 / 4



DRAWN dfoster	12/30/2012	<b>FIRST</b>		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		TITLE		
FRAC.	+/- 1/32	Low Goal Assembly		
.00	+/- .01	SIZE		
.000	+/- .005	DWG NO		
ANGULAR	+/- .25 Deg.	SCALE		REV A
			SHEET 4 OF 4	

4 3 2 1

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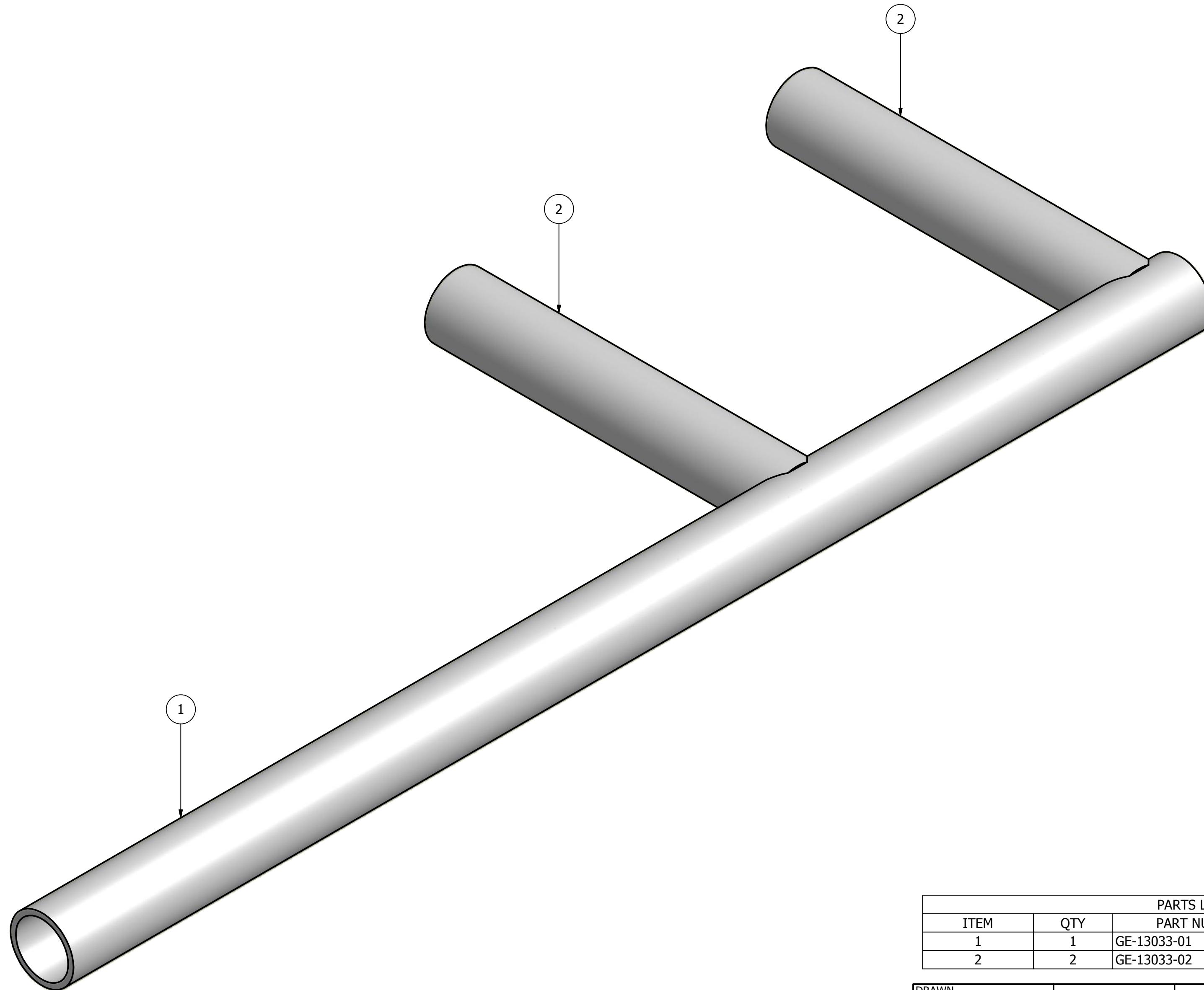
C

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PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-13033-01	Vertical Support
2	2	GE-13033-02	Cross Bar Mount

DRAWN mcyr	10/31/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED			
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)			
FRAC.	+/- 1/32		
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.	SCALE	DWG NO
			GE-13033
		REV	
			SHEET 1 OF 3

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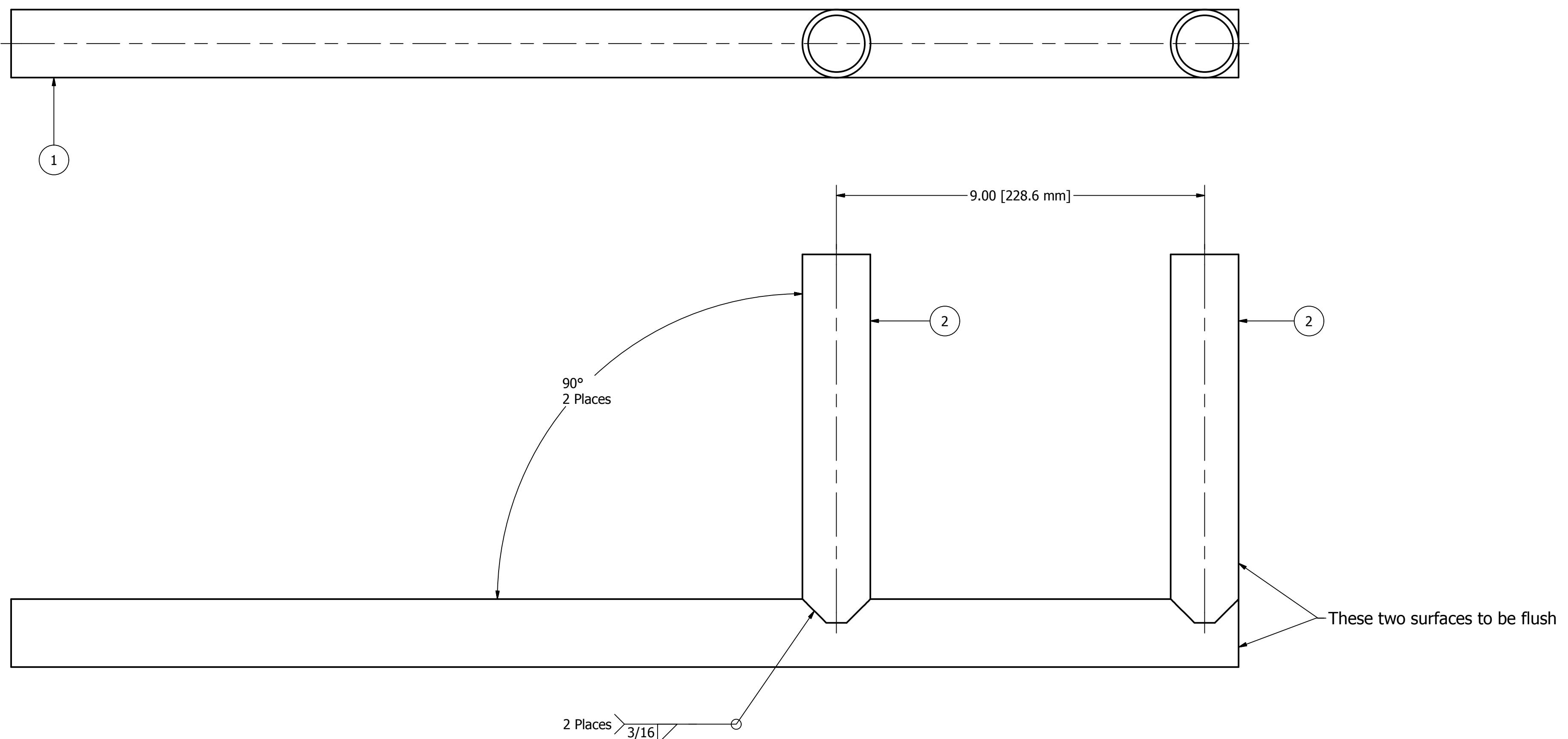
B

C

C

A

A



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-13033-01	Vertical Support
2	2	GE-13033-02	Cross Bar Mount

DRAWN mcyr	10/31/2012	<b>FIRST</b>			
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
UNLESS OTHERWISE SPECIFIED					
TOLERANCES: (INCHES)					
FRAC.	$+\/- 1/32$	TITLE			
.00	$+\/- .01$	F - Frame			
.000	$+\/- .005$	SIZE	DWG NO		
ANGULAR	$+\/- .25$ Deg.	C	GE-13033		
		REV			
			SHEET 2 OF 3		

4

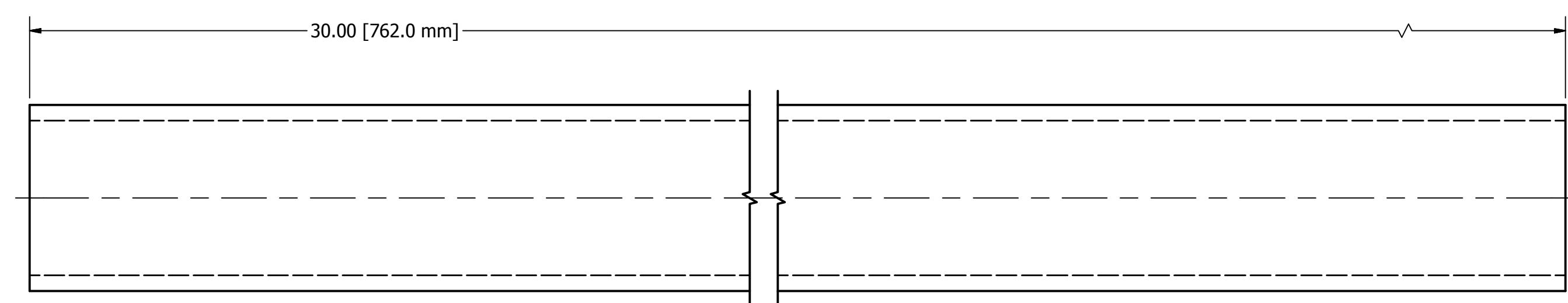
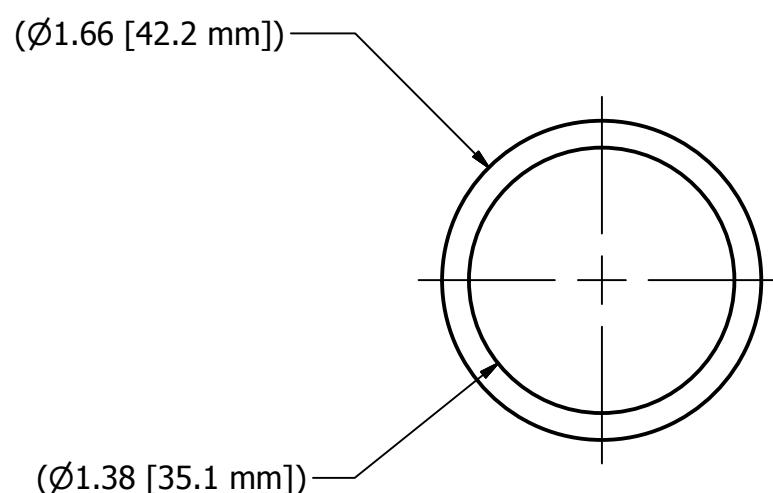
3

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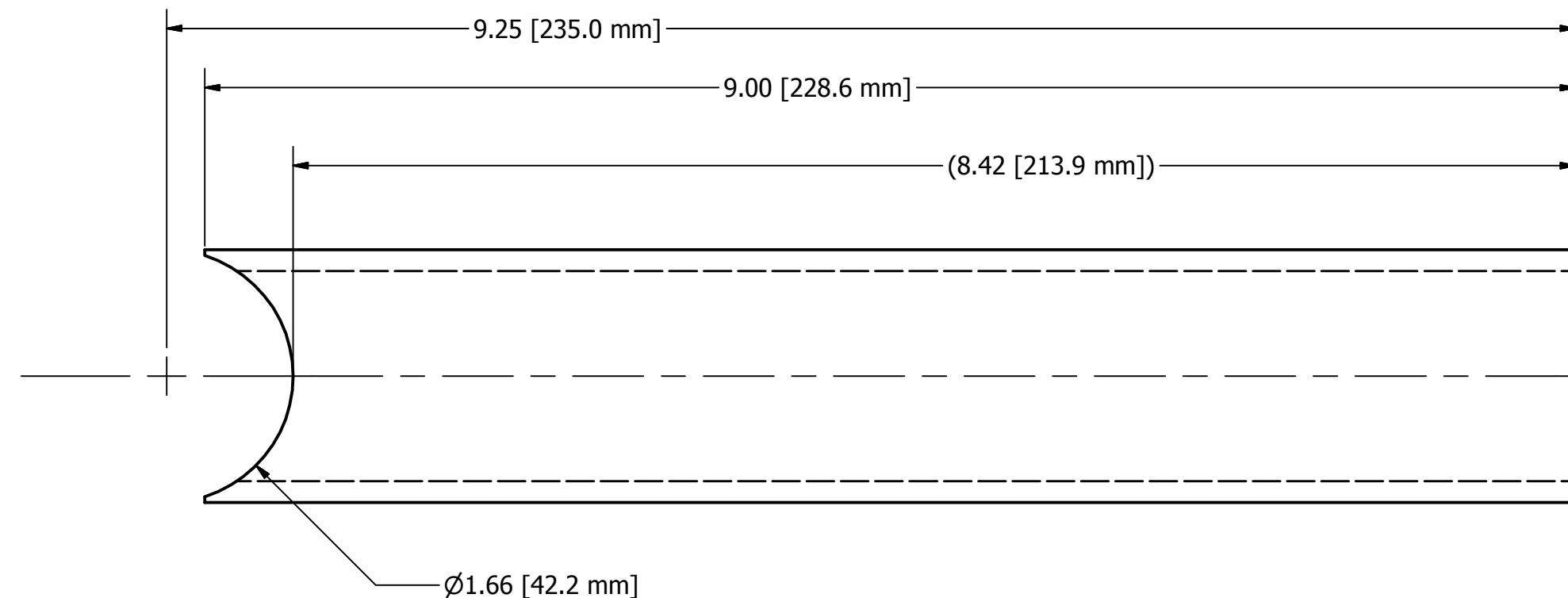
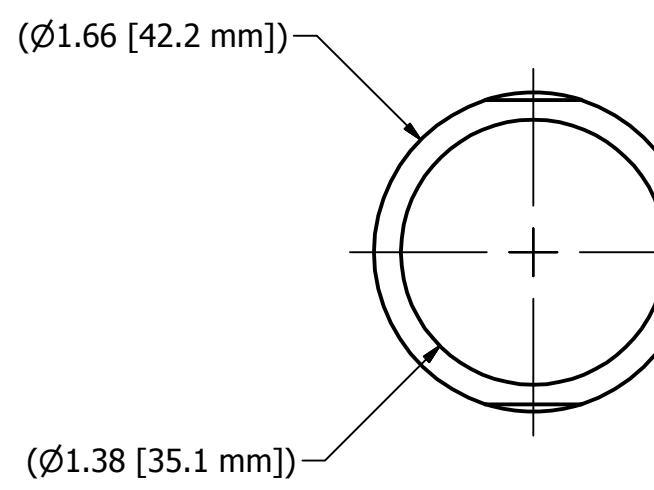
C

C

**Item:** 1, GE-13033-01, Cross Bar Mount  
**Material:** 1-1/4" Schedule 40, 6061-T6 Aluminum  
**Scale:** 1/1  
**QTY:** 2

A

A



**Item:** 2, GE-13033-02, Vertical Support  
**Material:** 1-1/4" Schedule 40, 6061-T6 Aluminum  
**Scale:** 1/1  
**QTY:** 1

DRAWN mcyr	10/31/2012	<b>FIRST</b>				
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907				
UNLESS OTHERWISE SPECIFIED						
<b>TOLERANCES: (INCHES)</b>			<b>TITLE</b>			
FRAC.	+/- 1/32	F - Frame				
.00	+/- .01					
.000	+/- .005	SIZE <b>C</b>	DWG NO <b>GE-13033</b>	REV		
ANGULAR	+/- .25 Deg.	SCALE		SHEET 3 OF 3		

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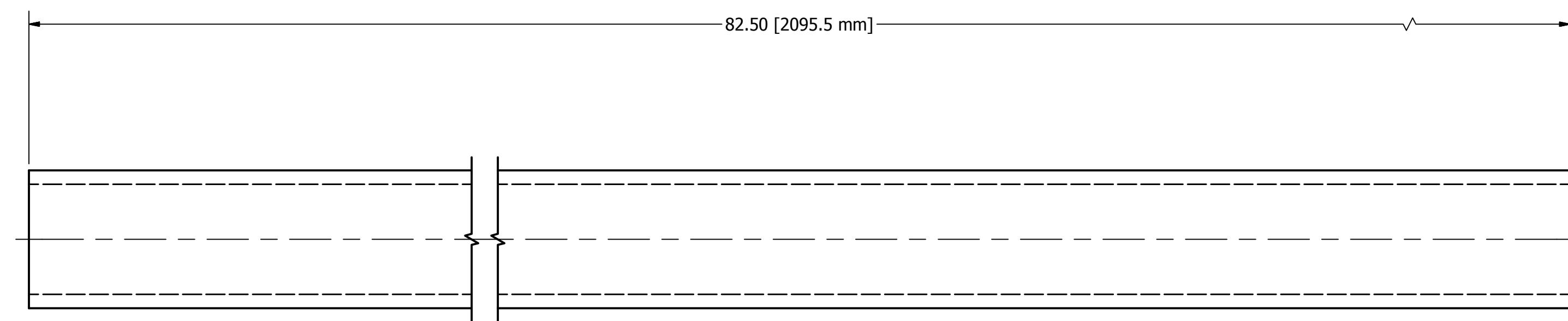
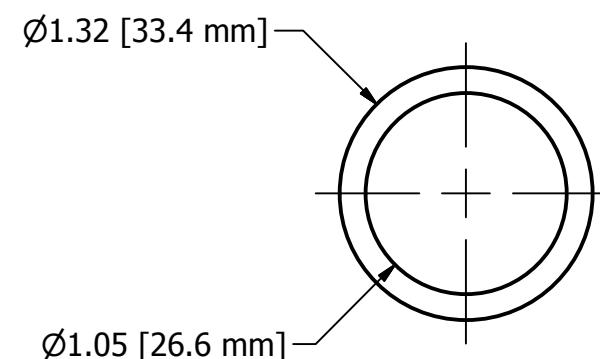
C

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B

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A



**Item:** 1, GE-13034, Cross Bar, Corner Goal  
**Material:** 1" Schedule 40, 6061-T6 Aluminum  
**Scale:** 1/1

DRAWN mcyr	10/30/2012	<b>FIRST</b>					
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	+/- 1/32	<b>TITLE</b>					
.00	+/- .01	Cross Bar, Corner Goal					
.000	+/- .005	SIZE					
ANGULAR	+/- .25 Deg.	DWG NO					
		GE-13034					
		REV					
		SCALE					
		SHEET 1 OF 1					

4

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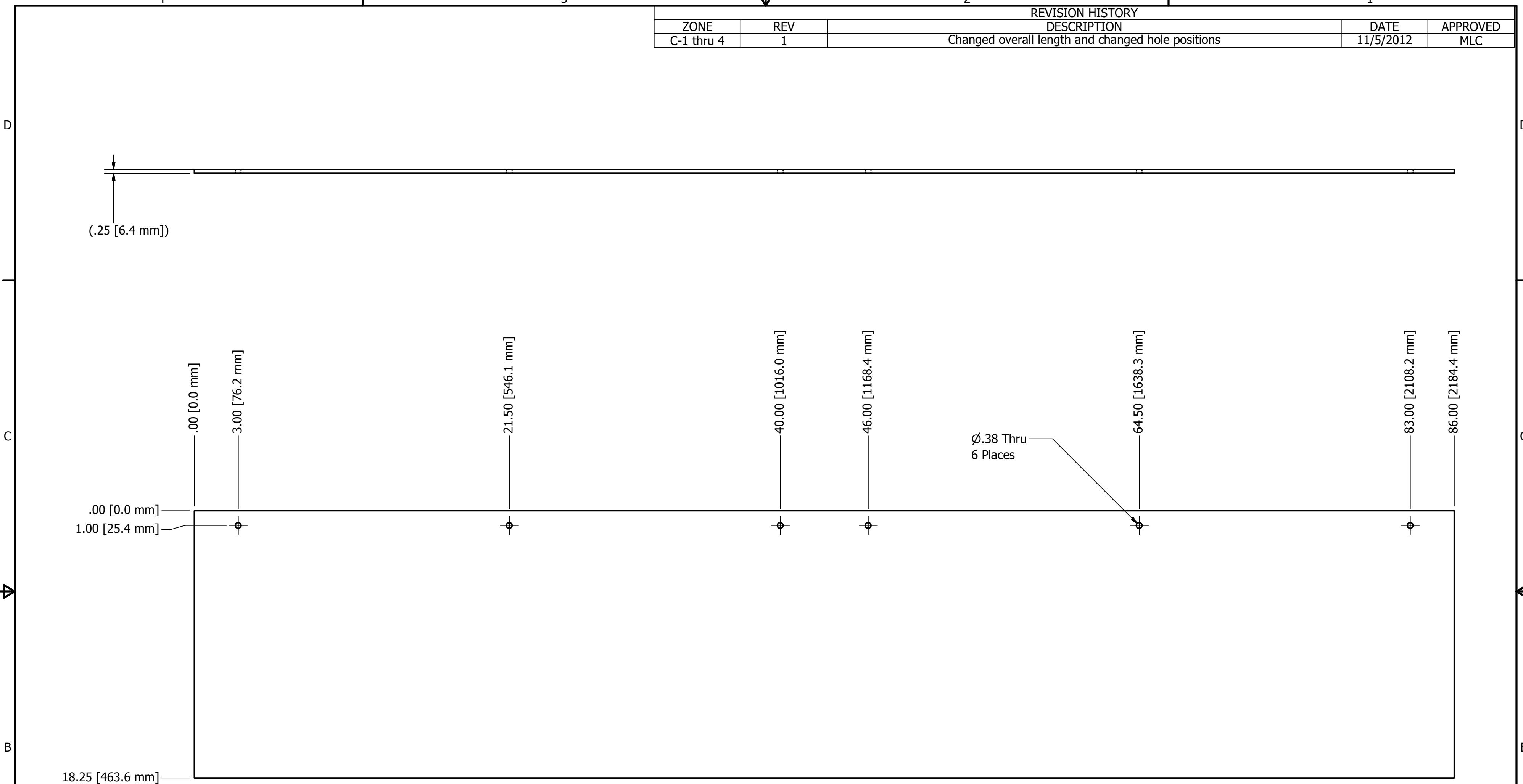
2

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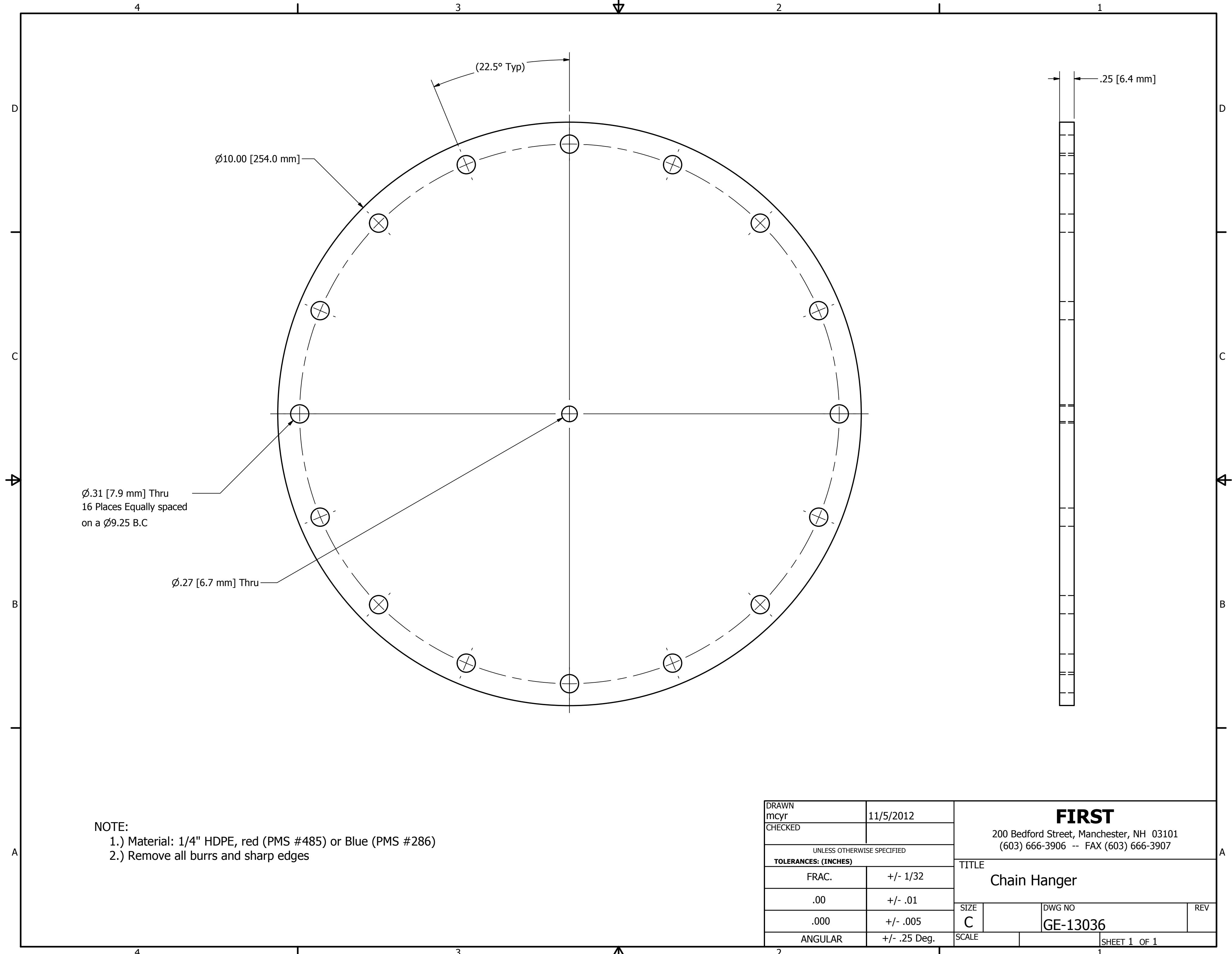
4 3 2 1

ZONE		REV	DESCRIPTION	DATE	APPROVED
C-1 thru 4		1	Changed overall length and changed hole positions	11/5/2012	MLC

**Note:**

- 1.) Material: 1/4" Clear Polycarbonate
- 2.) Remove all burrs and sharp edges

DRAWN mcyr	11/2/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		FRAC.	+/- 1/32	
.00			+/- .01	
.000			+/- .005	
ANGULAR			+/- .25 Deg.	
		SCALE		SHEET 1 OF 1
			DWG NO	GE-13035
			REV	1



## REVISION HISTORY

## DESCRIPTION

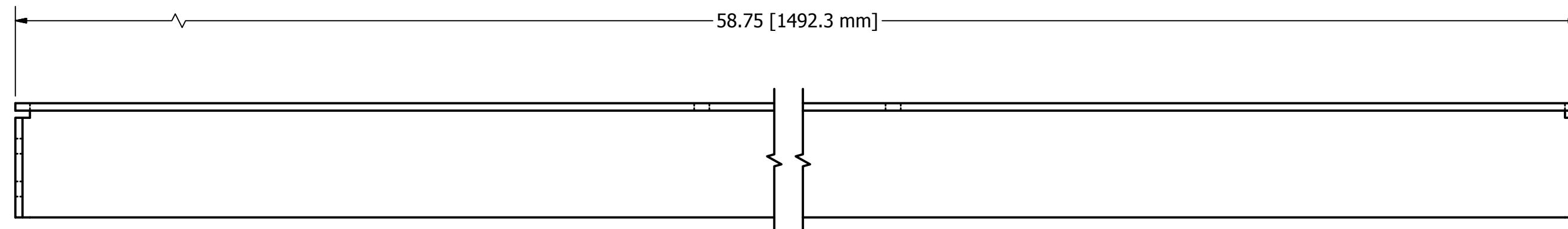
DATE

APPROVED

ZONE	REV		
All	1		
C	2	Changed overall dimensions of part to make it smaller Changed thru holes from .547 and .271 to .265" thru	11/8/2012 11/15/12

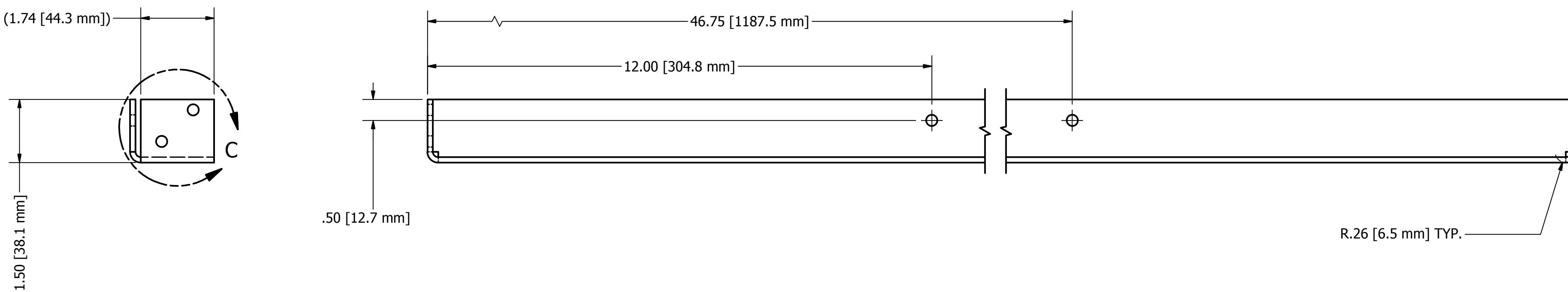
D

D



C

C

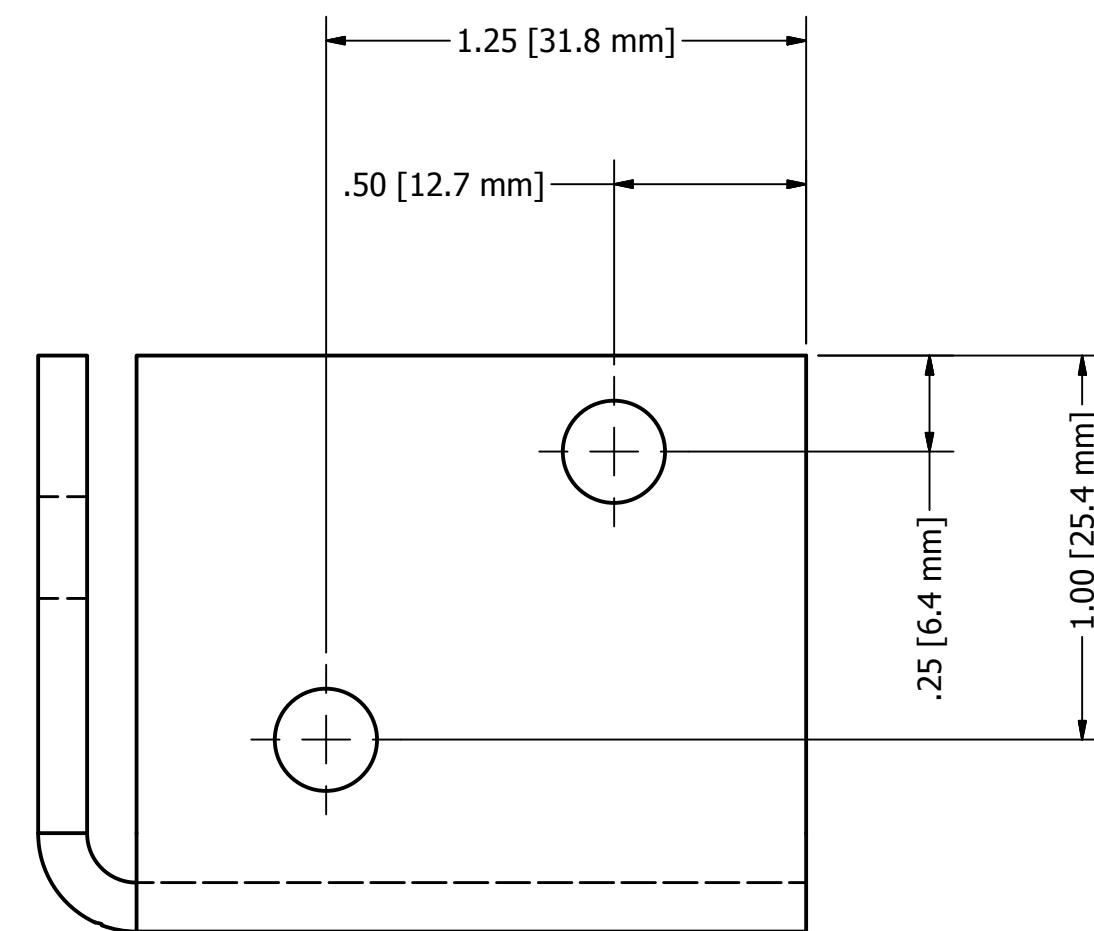


D

D

B

B



DETAIL C  
SCALE 2 : 1

## NOTES:

- 1.) Material: 5052-H32 Aluminum Sheet .125" Thick
- 2.) Remove all burrs and sharp edges

DRAWN mcyr	11/6/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED			
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)			
FRAC.	+/- 1/32		
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.	SCALE	DWG NO <b>GE-13037</b>
			REV 1
			SHEET 1 OF 2

4

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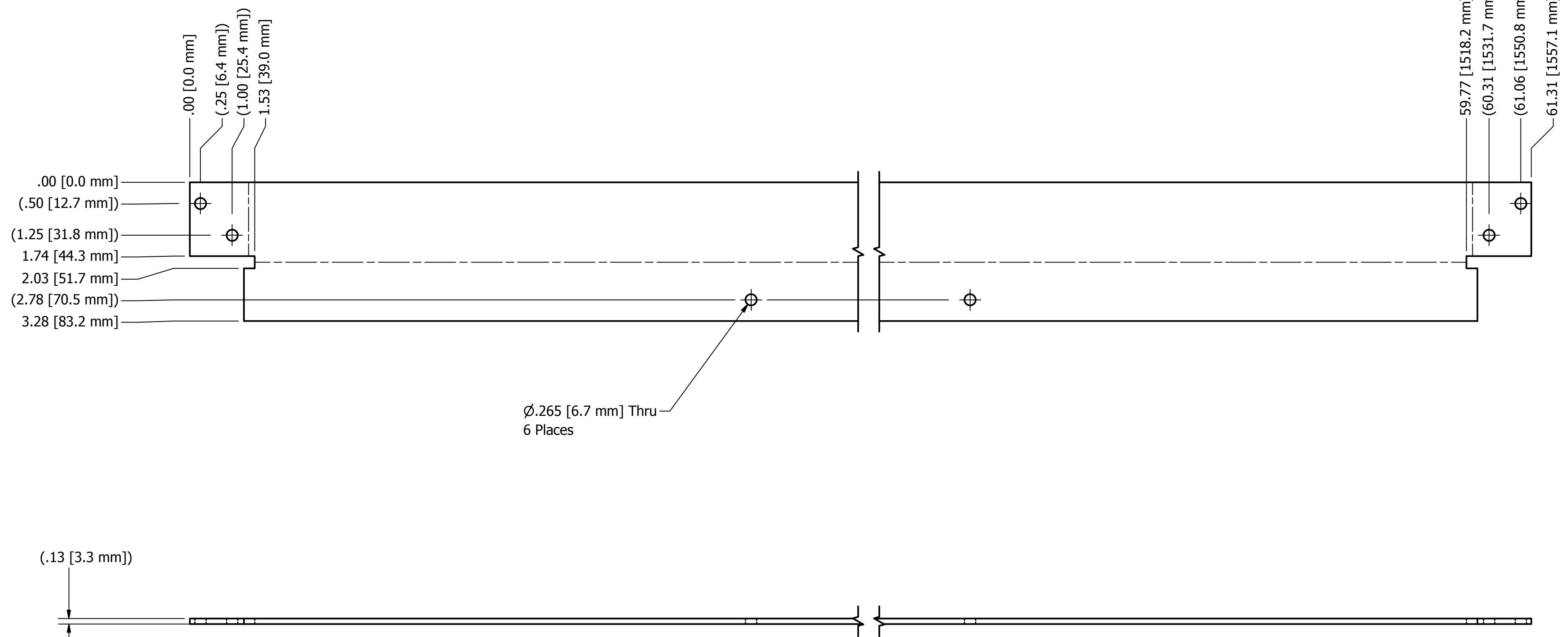
D

C

C

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A



$\emptyset .265$  [6.7 mm] Thru  
6 Places

DRAWN mcyr	11/6/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
CHECKED							
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	$+\/- 1/32$						
.00	$+\/- .01$						
.000	$+\/- .005$						
ANGULAR	$+\/- .25$ Deg.	SCALE	DWG NO	REV			
			GE-13037	1			
			SHEET 2 OF 2				

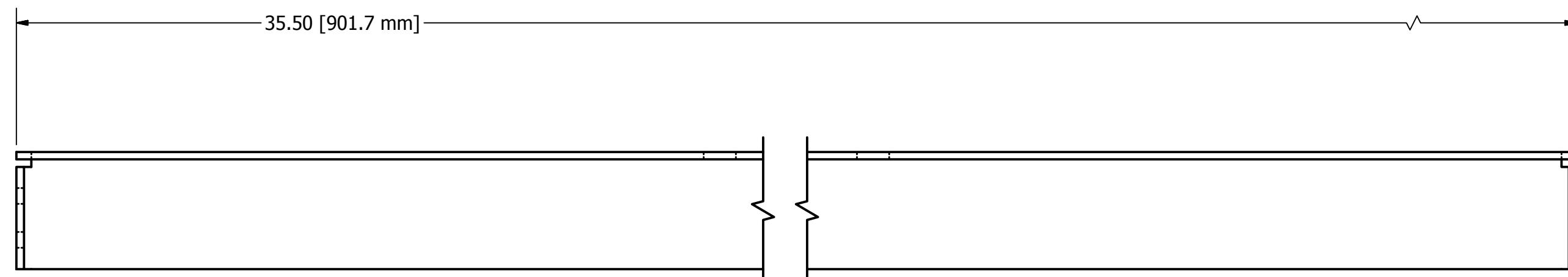
## REVISION HISTORY

## DESCRIPTION

ZONE	REV	DESCRIPTION	DATE	APPROVED
All	1	Changed overall dimensions of part to make it smaller	11/8/2012	MLC
C	2	Changed thru holes from .547 and .271 to .265" thru	11/15/12	MLC

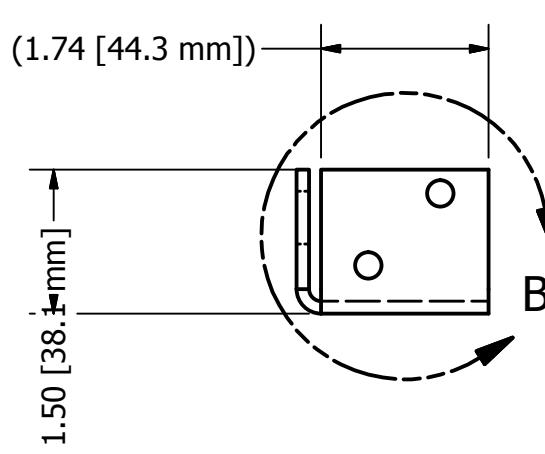
D

D



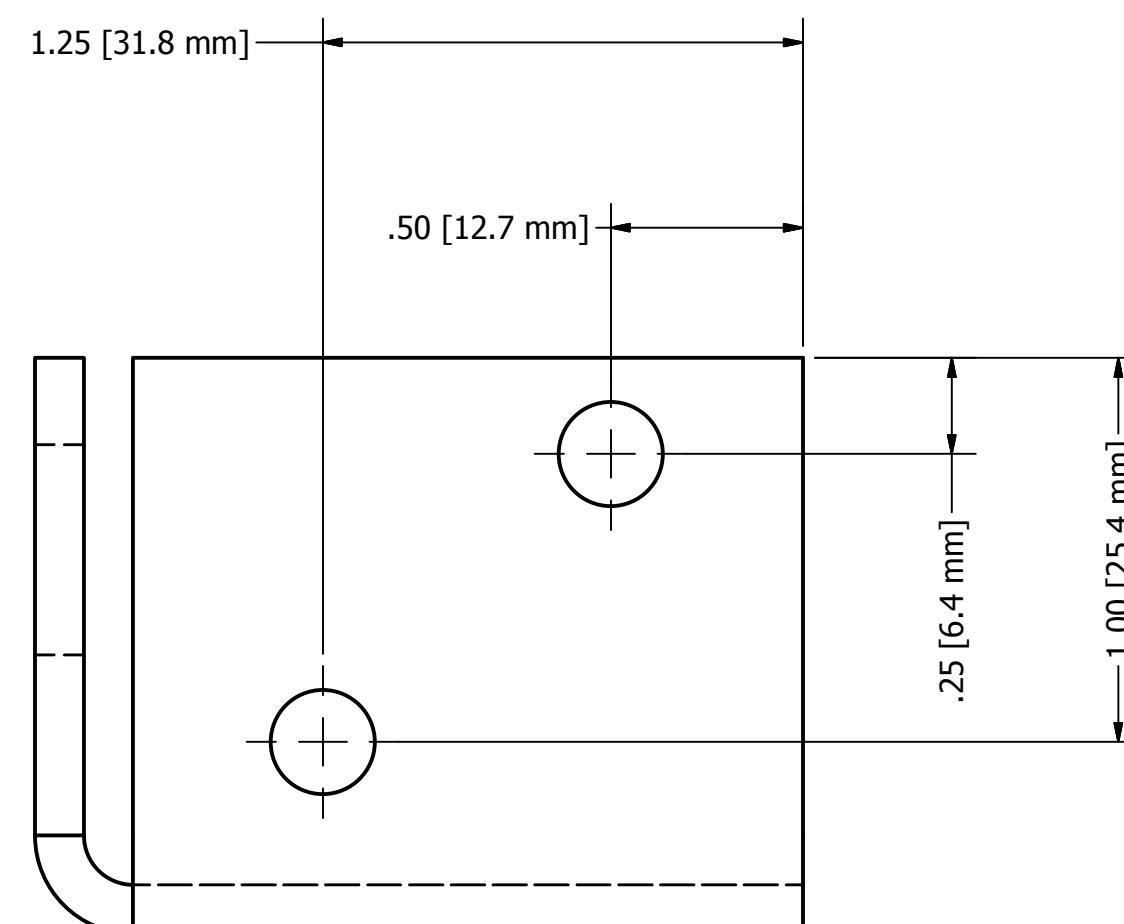
C

C



B

B



DETAIL B  
SCALE 2 : 1

## NOTES:

- 1.) Material: 5052-H32 Aluminum Sheet .125" Thick
- 2.) Remove all burrs and sharp edges

DRAWN mcyr	11/6/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED			
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)			
FRAC.	+/- 1/32	TITLE  Box Brace, Low Goal  SIZE C      DWG NO GE-13038      REV 1  SCALE      SHEET 1 OF 2	
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.		

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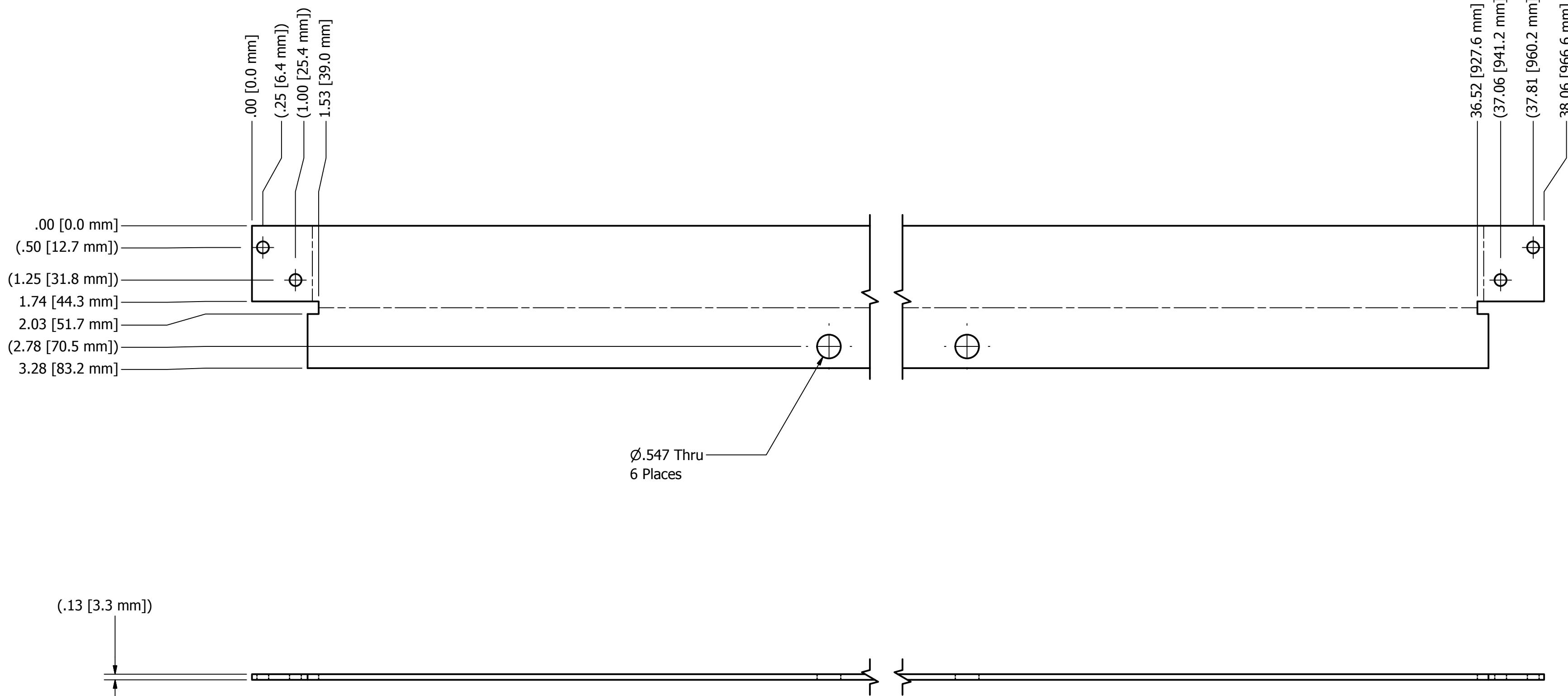
D

C

C

A

A



DRAWN mcyr	11/6/2012	<b>FIRST</b>		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		TITLE		
FRAC.	+/- 1/32	Box Brace, Low Goal		
.00	+/- .01	SIZE		
.000	+/- .005	DWG NO		
ANGULAR	+/- .25 Deg.	SCALE	GE-13038	
		SHEET 2 OF 2	REV 1	

4

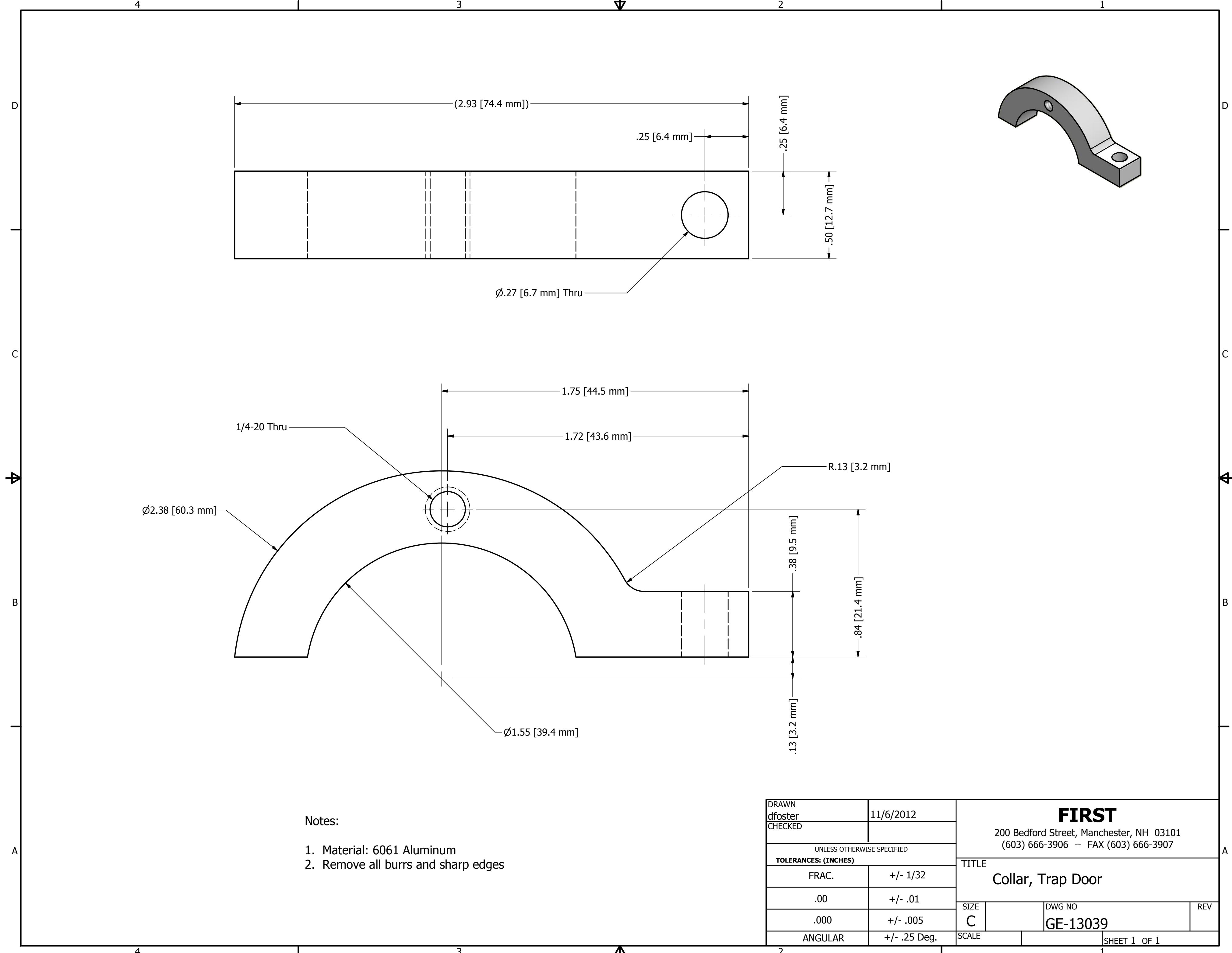
3

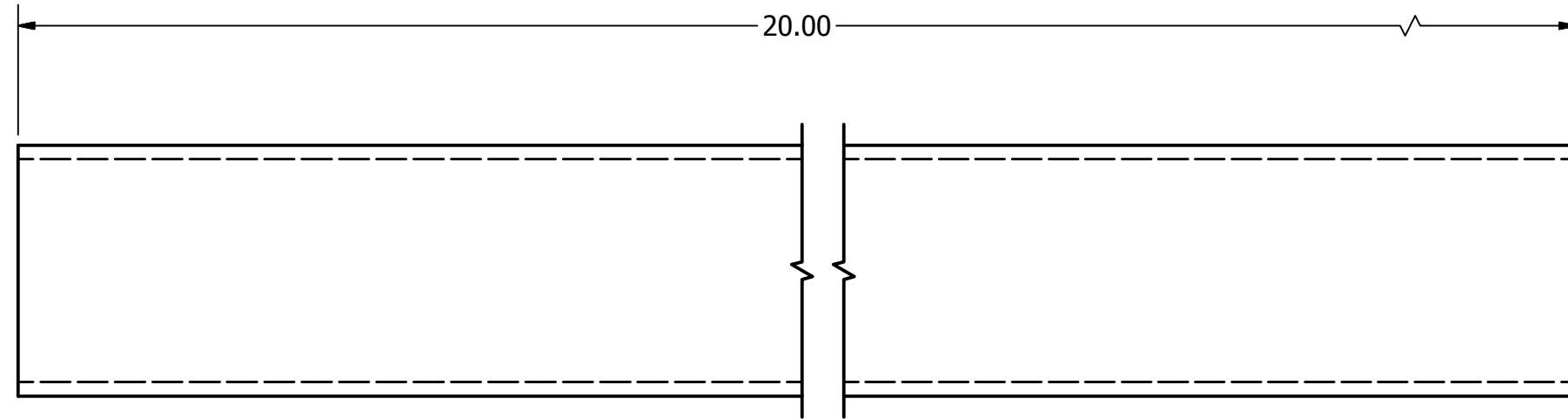
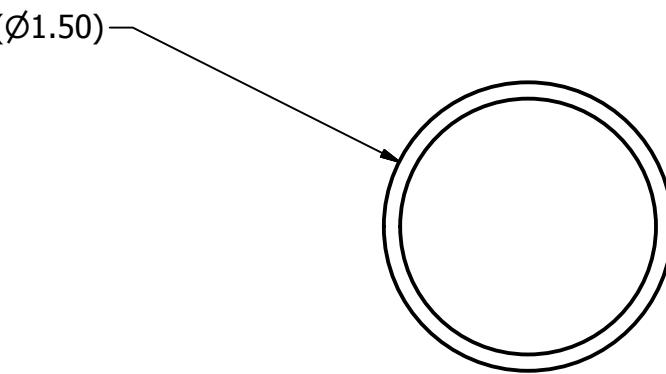
2

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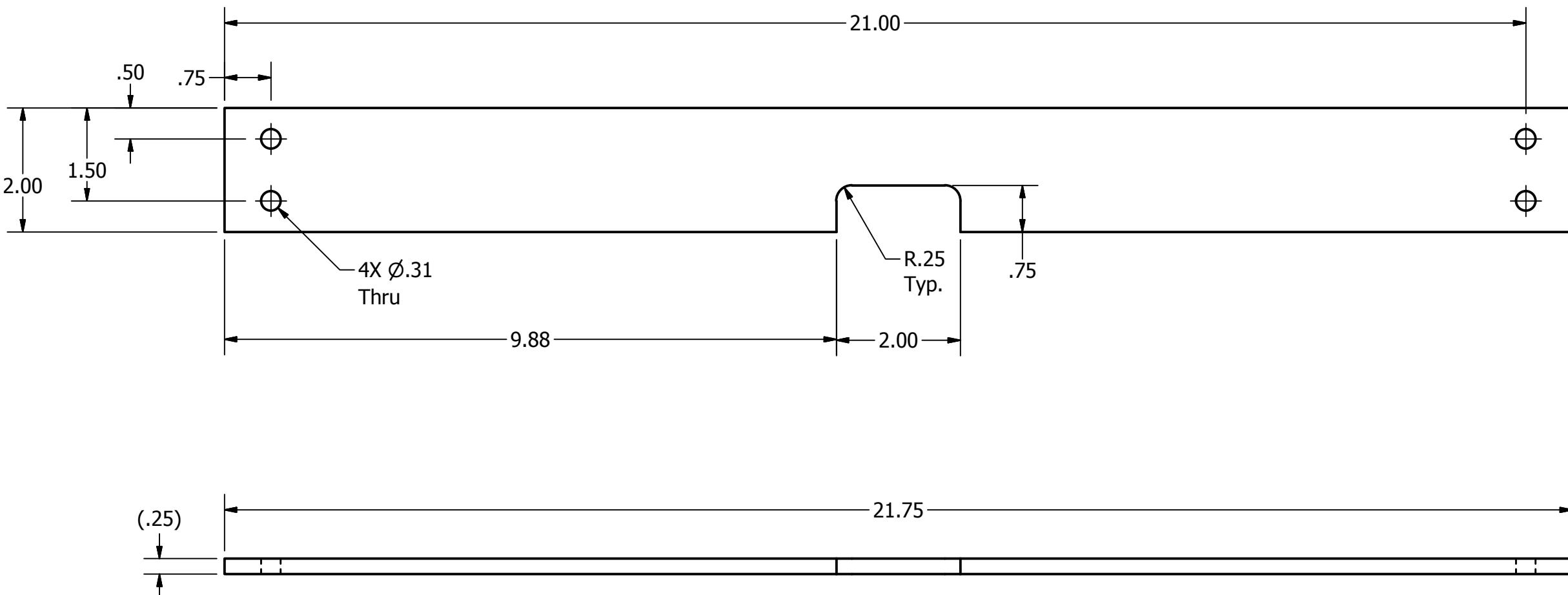




Notes:

1. Material: 1-1/2" Steel DOM tubing, .083 wall thickness
2. Cover pole with Reflexite Retroreflective Fabric.

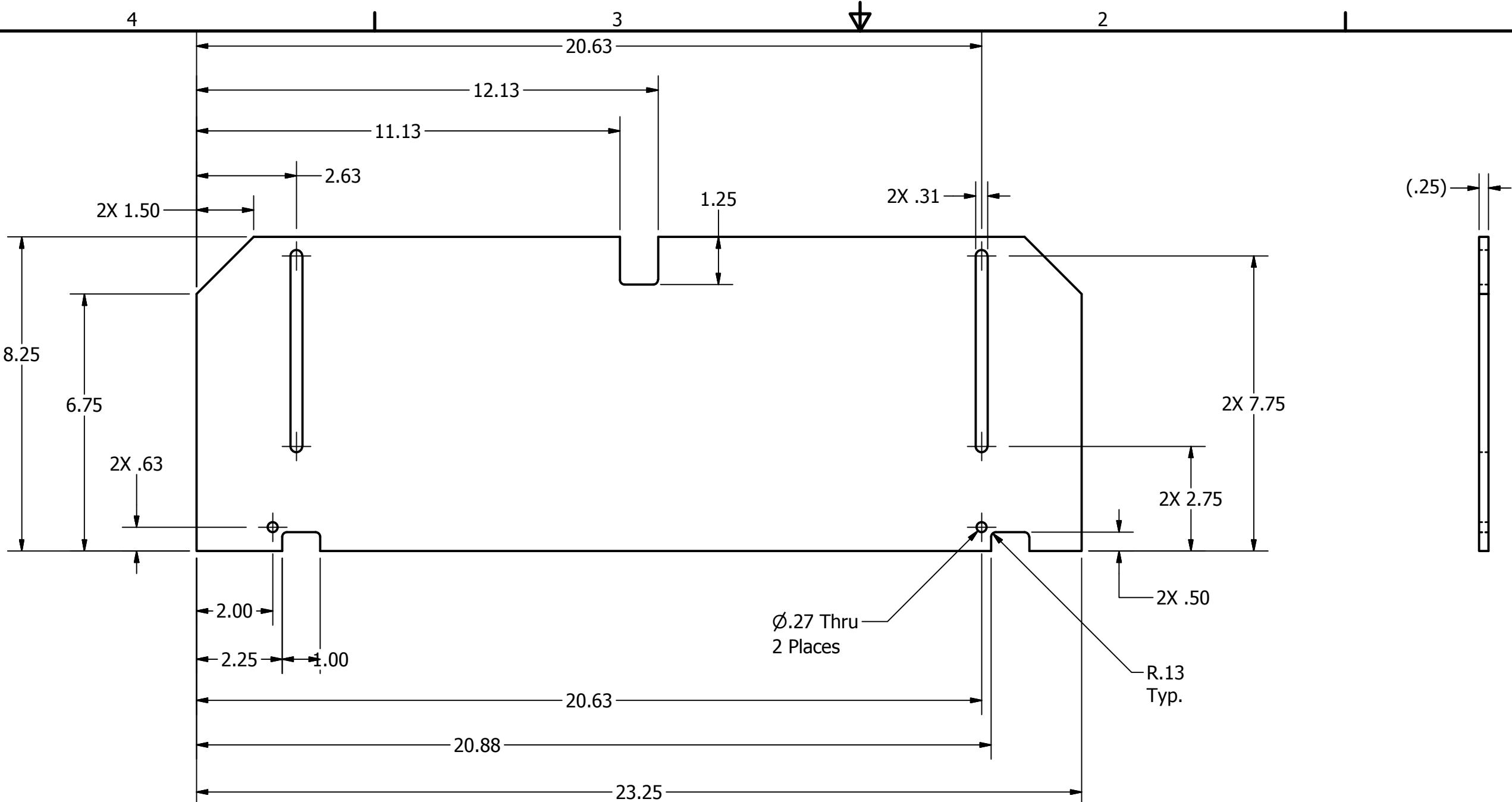
DRAWN dfoster	11/11/2012	<b>FIRST</b>			
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
UNLESS OTHERWISE SPECIFIED					
TOLERANCES: (INCHES)		TITLE			
FRAC.	+/- 1/32	Pole, Reflective			
.00	+/- .01	SIZE	DWG NO	REV	
.000	+/- .005	B	GE-13040		
ANGULAR	+/- .25 Deg.	SCALE		SHEET 1 OF 1	



Notes:

1. Material: Clear Polycarbonate, .25" thick.
2. Remove all burrs and sharp edges.

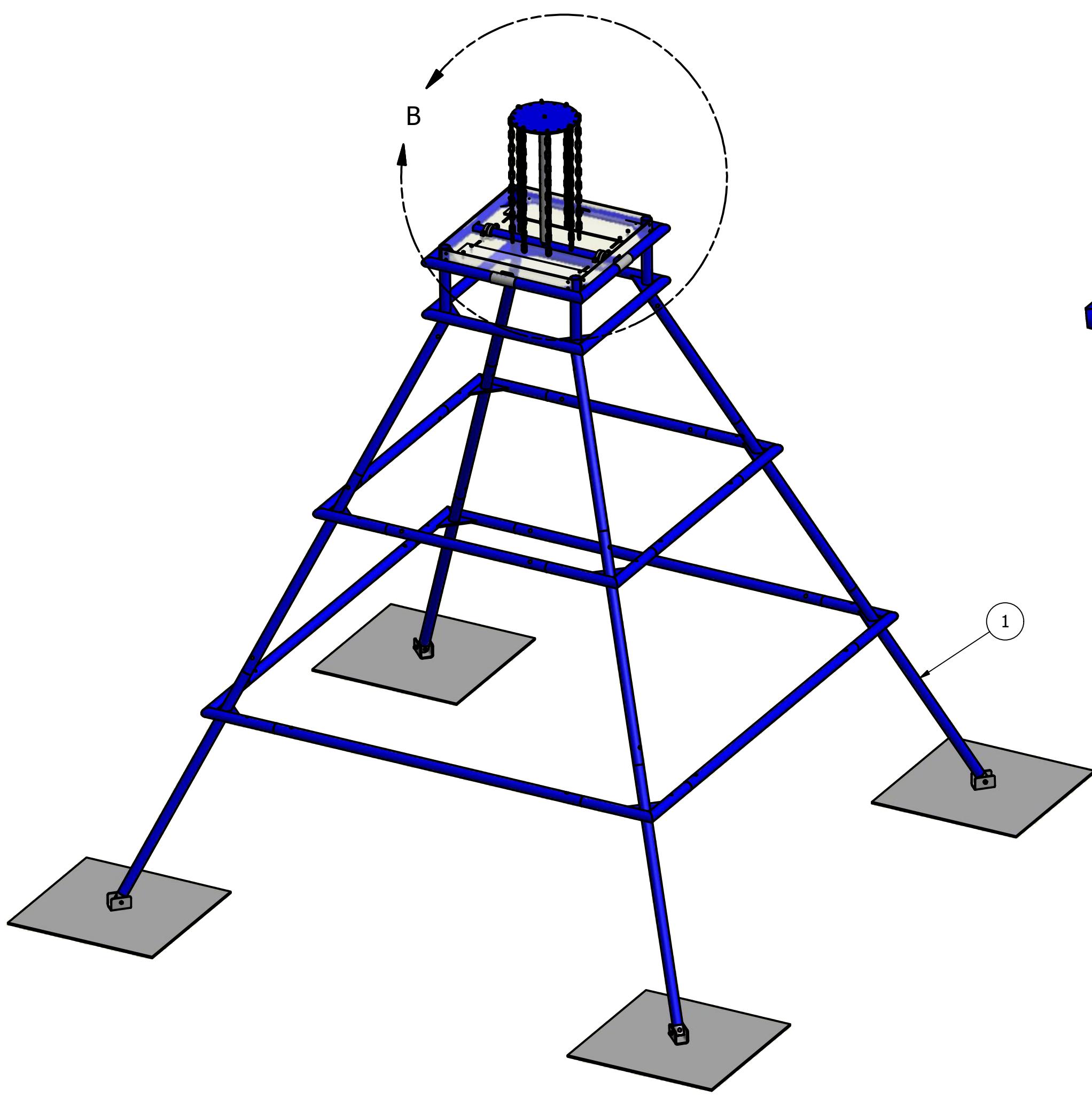
DRAWN dfoster	11/11/2012	<b>FIRST</b>			
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
UNLESS OTHERWISE SPECIFIED					
TOLERANCES: (INCHES)		TITLE			
FRAC.	+/- 1/32	Side Plastic, Pyramid Goal			
.00	+/- .01	SIZE			
.000	+/- .005	B	DWG NO		
ANGULAR	+/- .25 Deg.	GE-13041		REV	
SCALE				SHEET 1 OF 1	



Notes:

1. Material: 1/4" thick, Clear Polycarbonate.
2. Remove all burrs and sharp edges.

DRAWN dfoster	11/11/2012	<b>FIRST</b>		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
TOLERANCES: (INCHES)		TITLE		
FRAC.	+/- 1/32	Floor, Pyramid Goal		
.00	+/- .01	SIZE	DWG NO	REV
.000	+/- .005	B	GE-13042	
ANGULAR	+/- .25 Deg.	SCALE		SHEET 1 OF 1

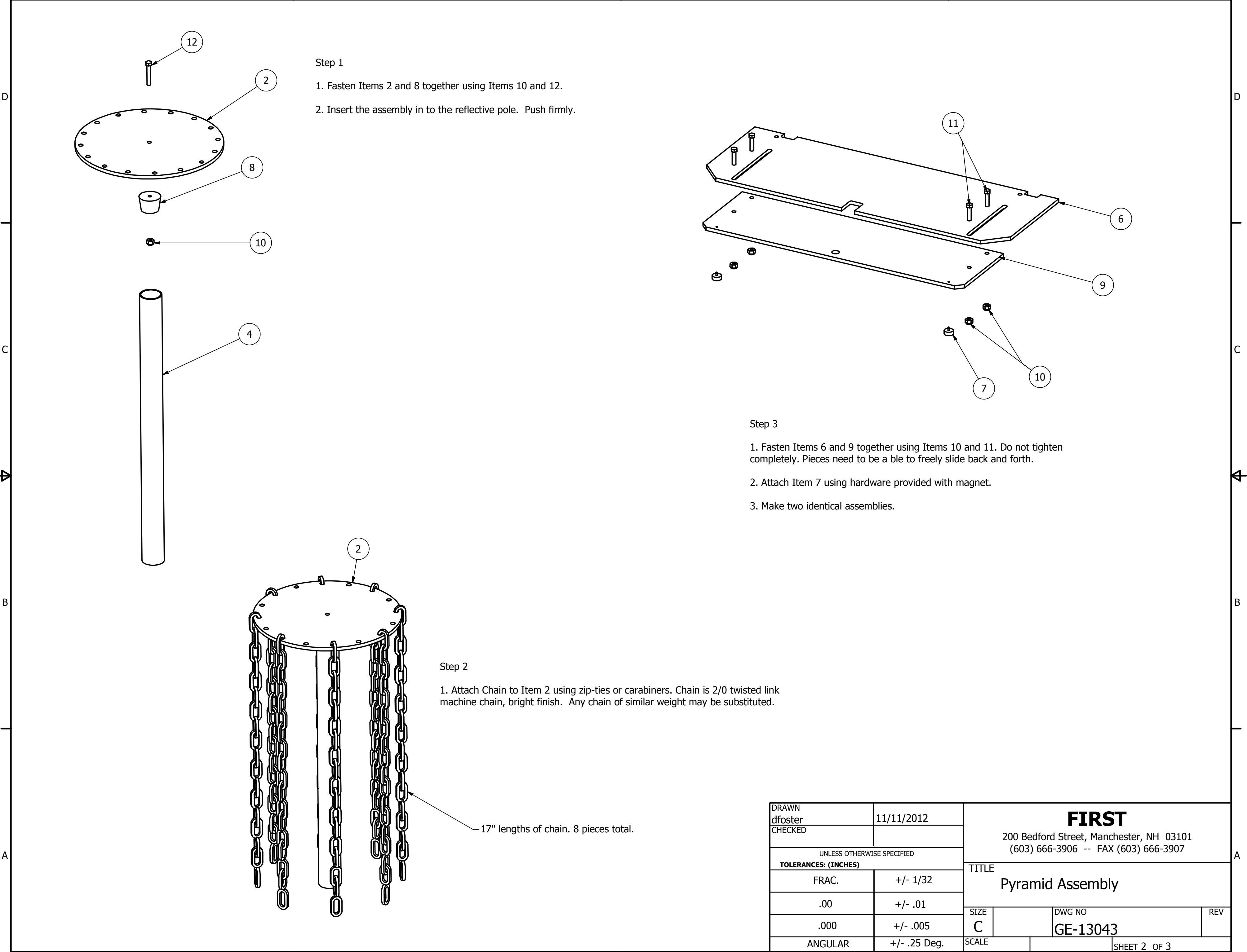


DETAIL B  
SCALE 0.13 : 1

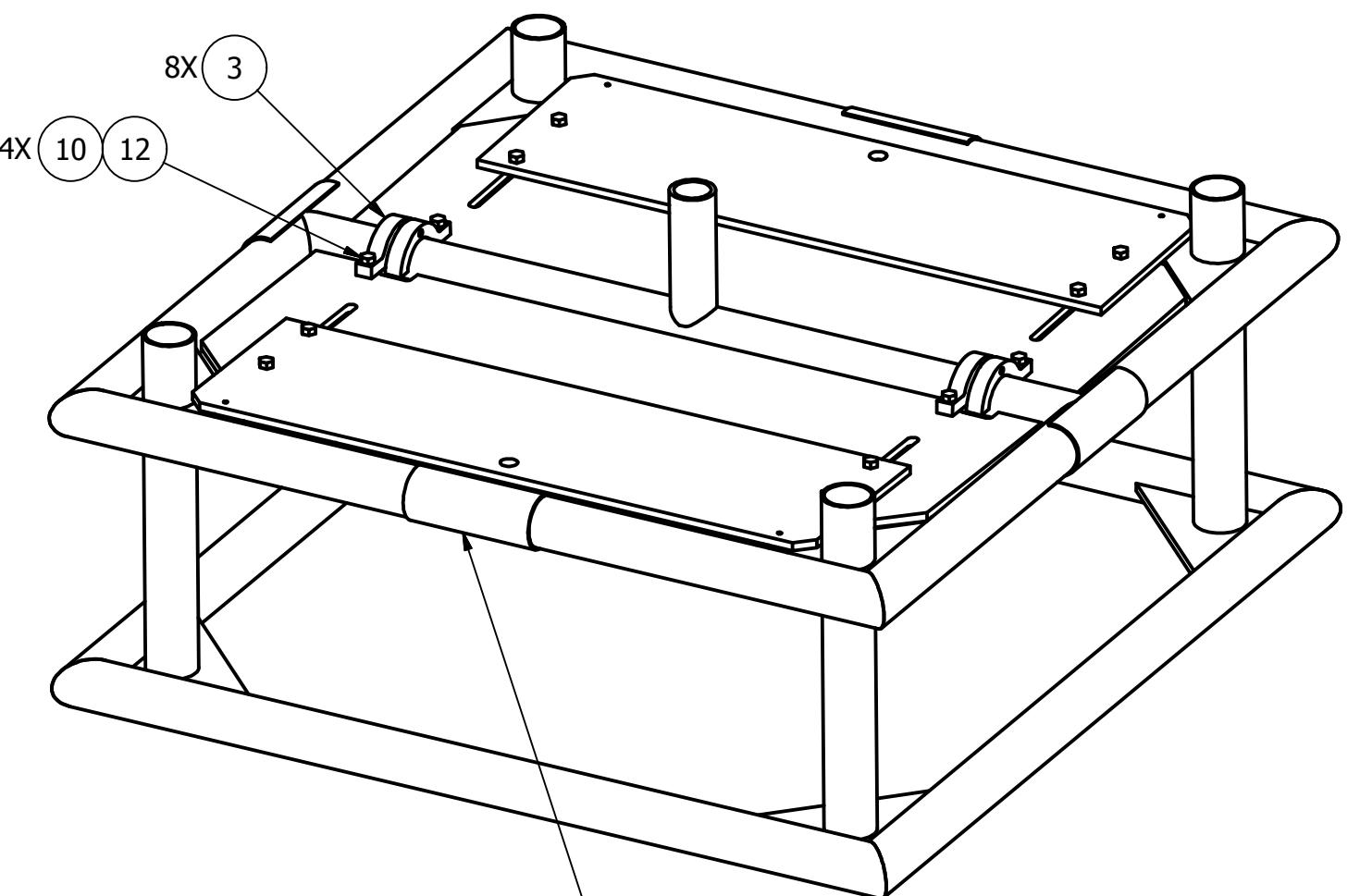
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-13017	Pyramid
2	1	GE-13036	Chain Hanger
3	8	GE-13039	Collar, Trap Door
4	1	GE-13040	Pole, Reflective
5	4	GE-13041	Side Plastic, Pyramid Goal
6	2	GE-13042	Floor, Pyramid Goal
7	4	GE-13043-01	Magnet, McMaster#3506K25
8	1	GE-13043-02	Rubber Stopper, McMaster#9545K33
9	2	GE-13084	Floor 2, Pyramid Goal
10	13	HW-00002	Nut, Lock 1/4-20
11	8	HW-00020	HHCS 1/4-20 x 1" Zinc Plate
12	5	HW-00034	HHCS 1/4-20 x 1" Zinc Plate

DRAWN dfoster	11/11/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED					
UNLESS OTHERWISE SPECIFIED					
TOLERANCES: (INCHES)					
FRAC.	+/- 1/32	TITLE Pyramid Assembly			
.00	+/- .01				
.000	+/- .005	SIZE C	DWG NO GE-13043		
ANGULAR	+/- .25 Deg.	SCALE	REV		
			SHEET 1 OF 3		

4 3 2 1

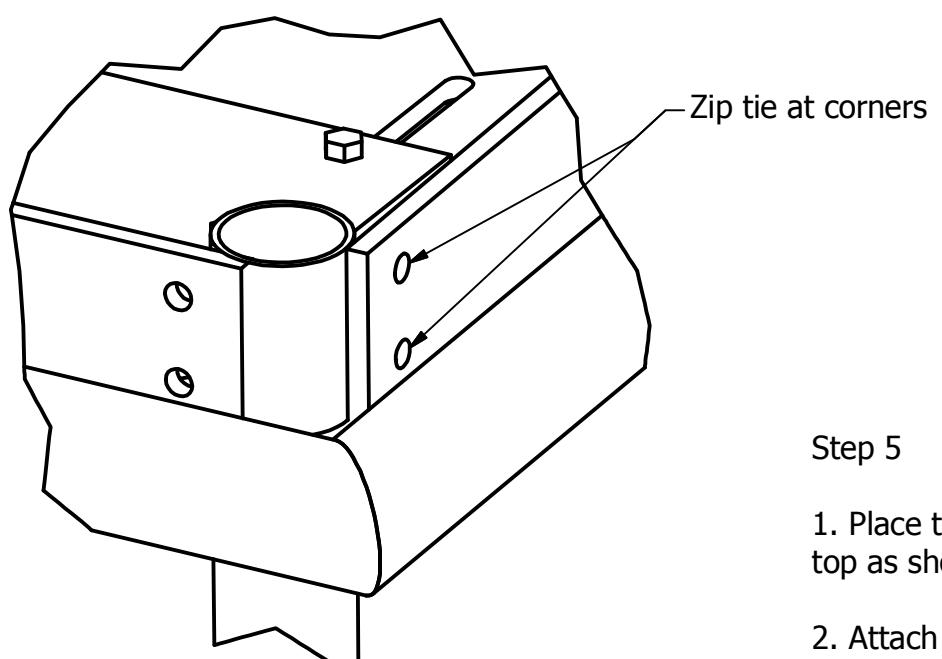
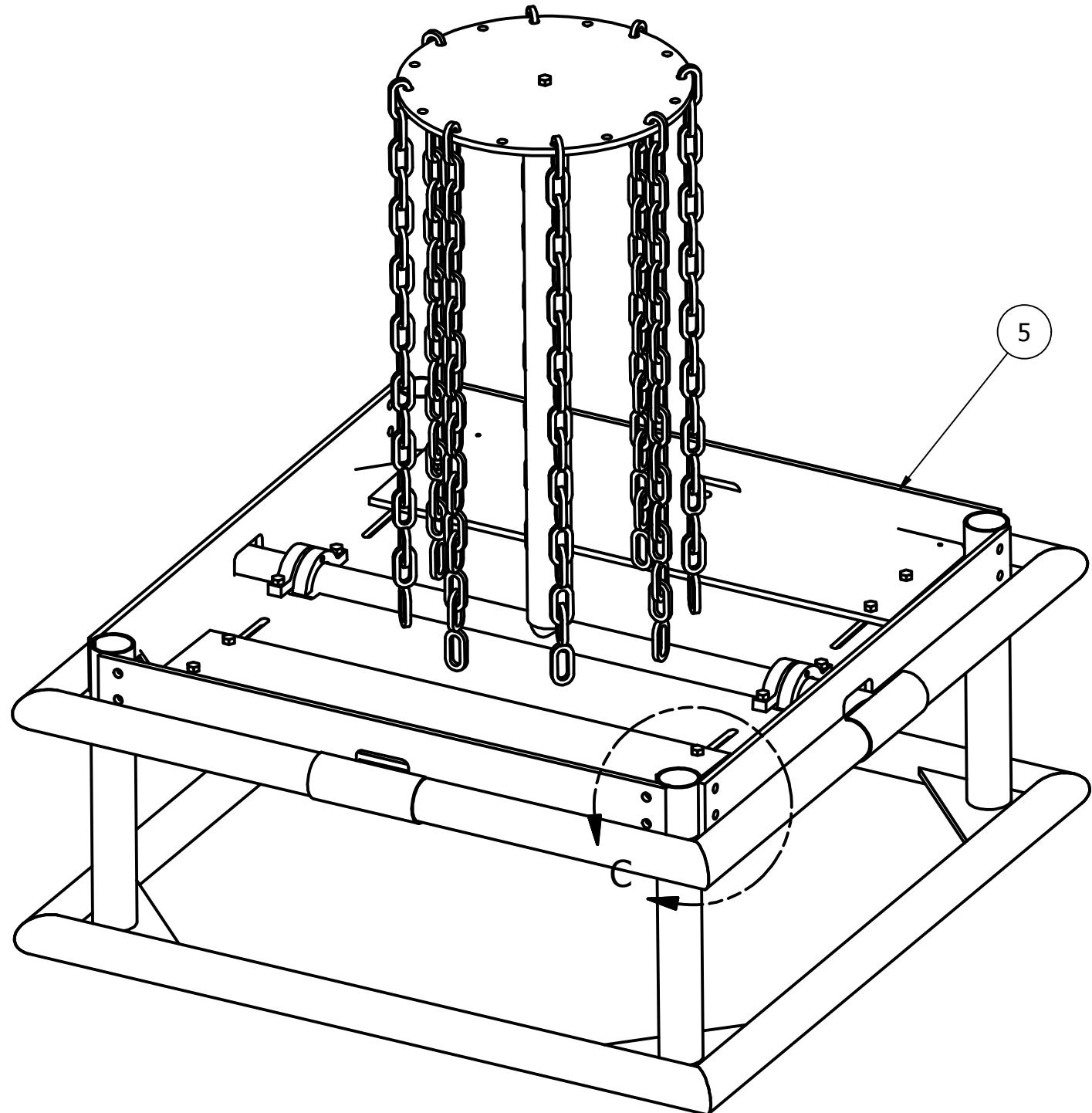


4 3 2 1



**Step 4**

1. Attach the assemblies from Step 3 to the pyramid top using Items 3, 10 and 12.
2. Apply four, 4" wide strips of reflective material to the pyramid top as shown.



**Step 5**

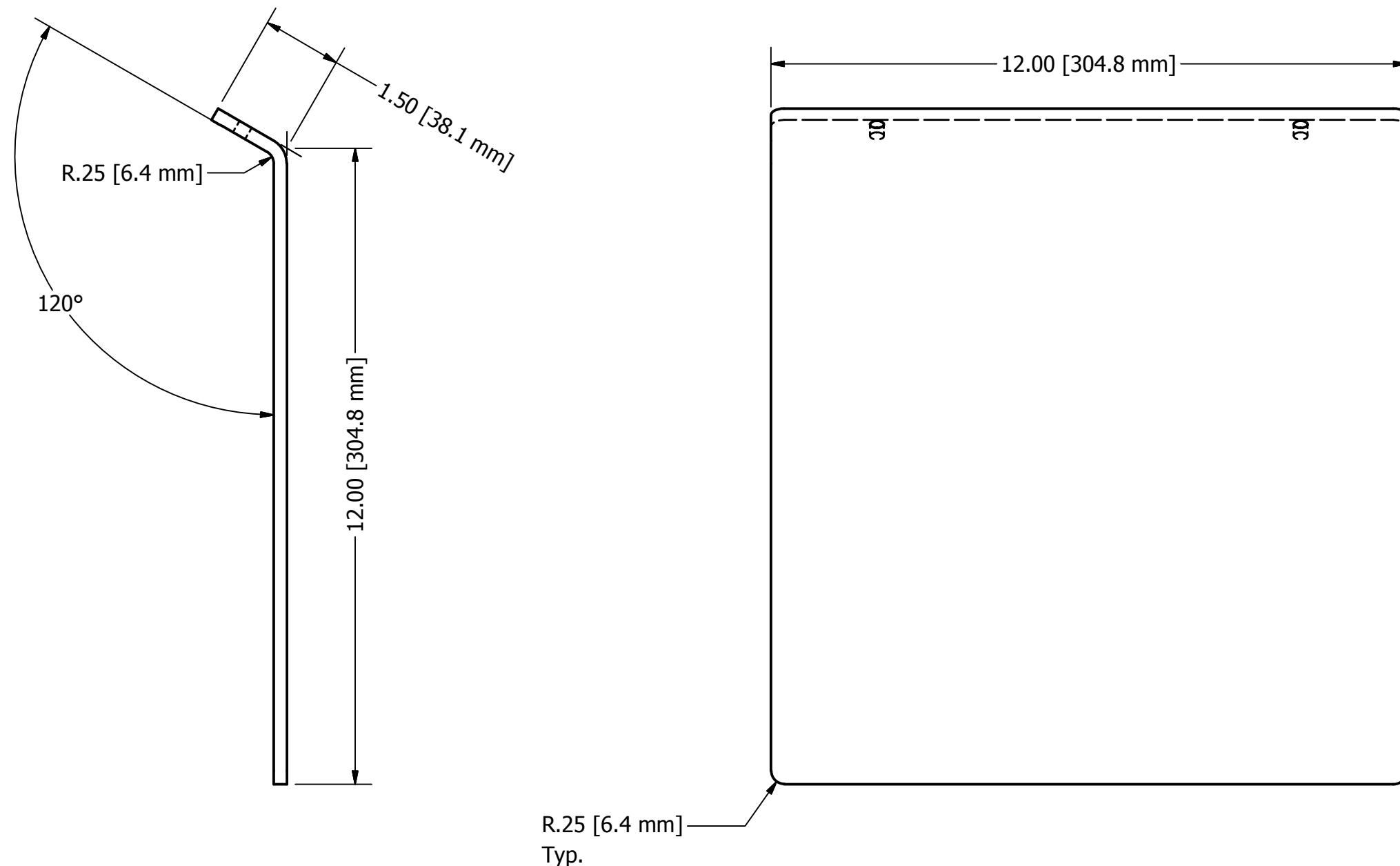
1. Place the assembly from Step 2 on to the center pole of the pyramid top as shown.
2. Attach four of Item 5 to the pyramid top using zip ties at the available locations.

**DETAIL C**  
SCALE 1 / 2

DRAWN dfoster	11/11/2012	<b>FIRST</b>		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		TITLE		
FRAC.	+/- 1/32	Pyramid Assembly		
.00	+/- .01	SIZE		
.000	+/- .005	DWG NO		
ANGULAR	+/- .25 Deg.	SCALE	REV	
			GE-13043	
			SHEET 3 OF 3	

4		3		2		1
		↓				

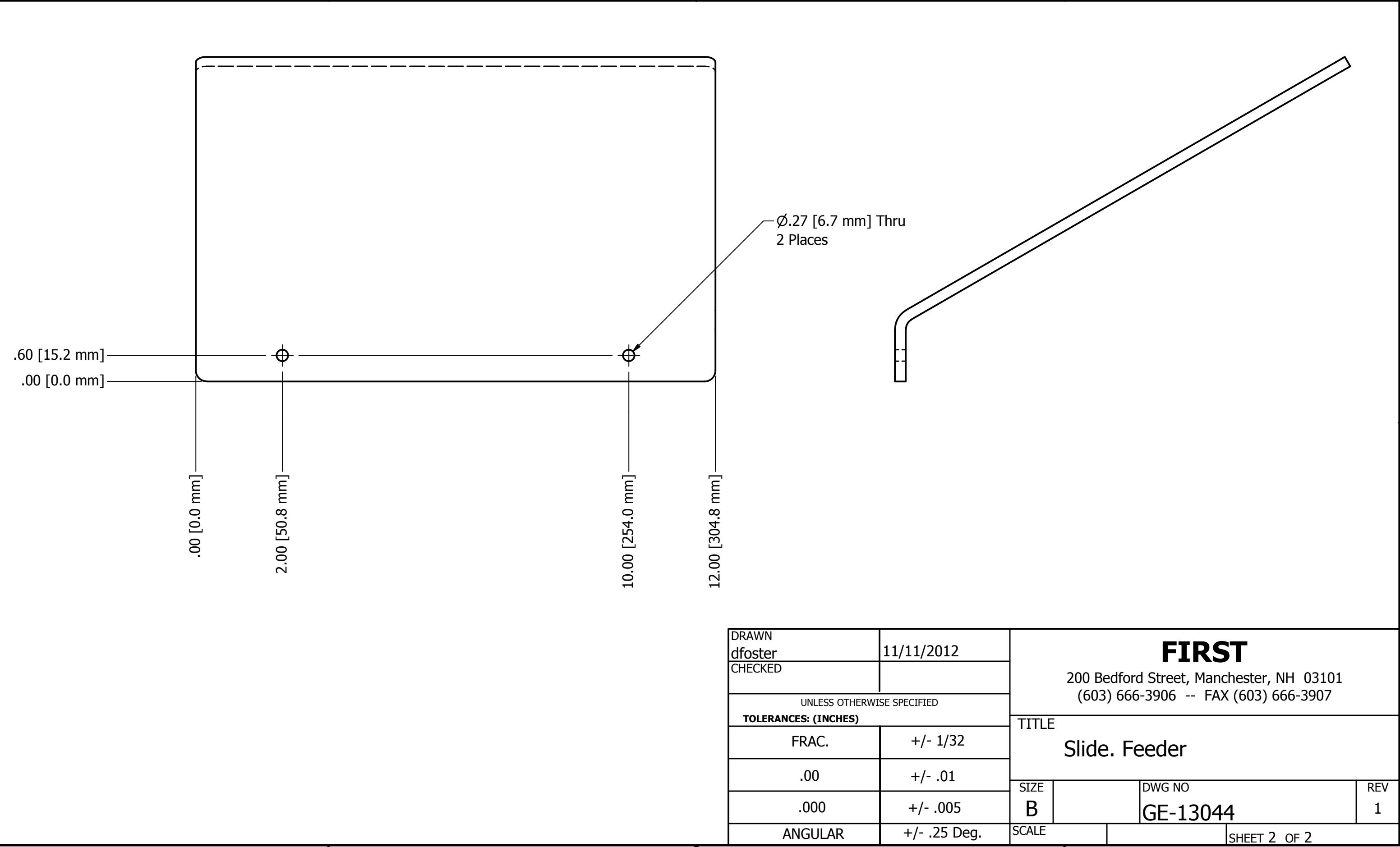
REVISION HISTORY		DESCRIPTION	DATE	APPROVED
ZONE	REV			
ALL	1	Added Sheet 2 with hole dimensions	11/26/2012	MLC

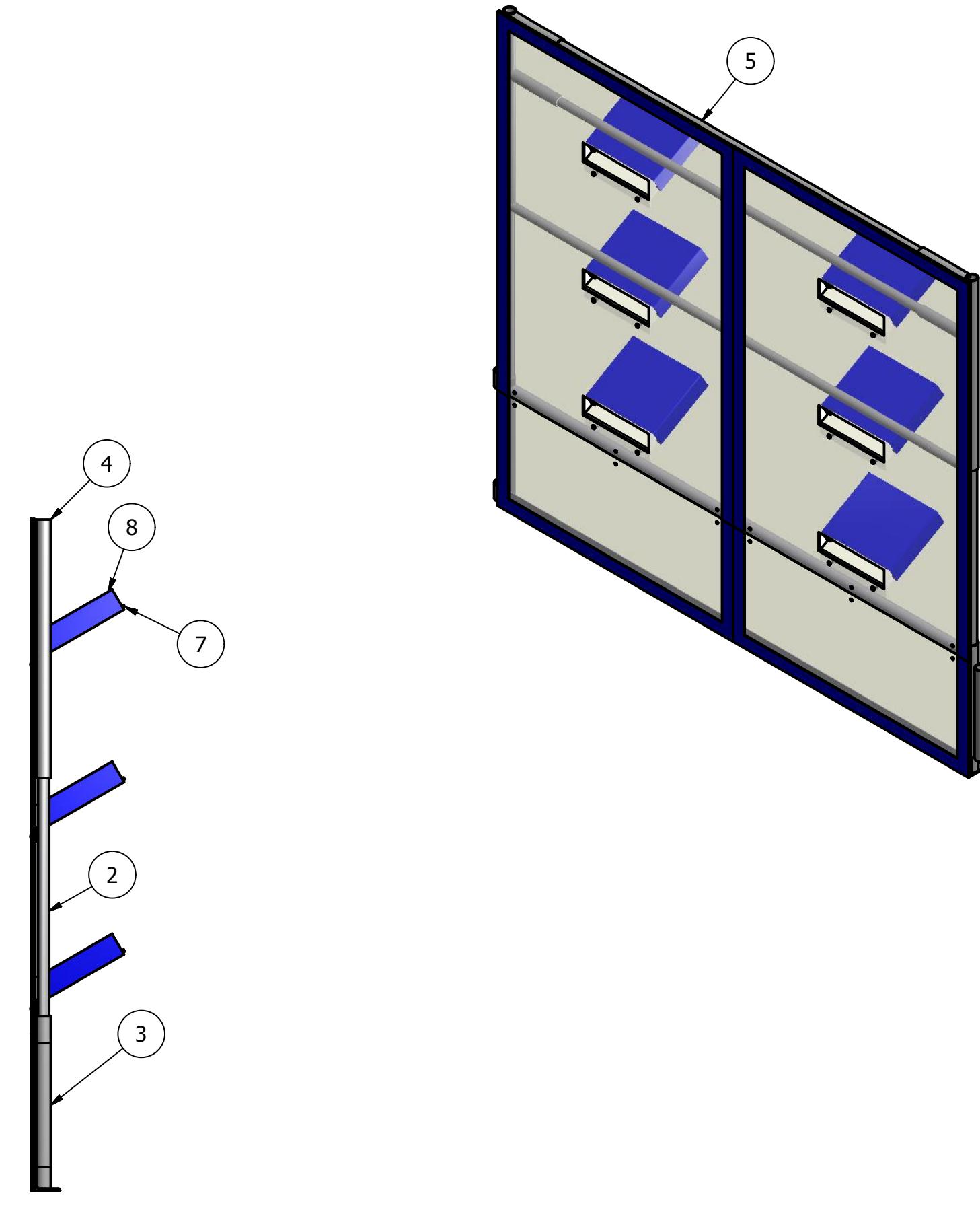
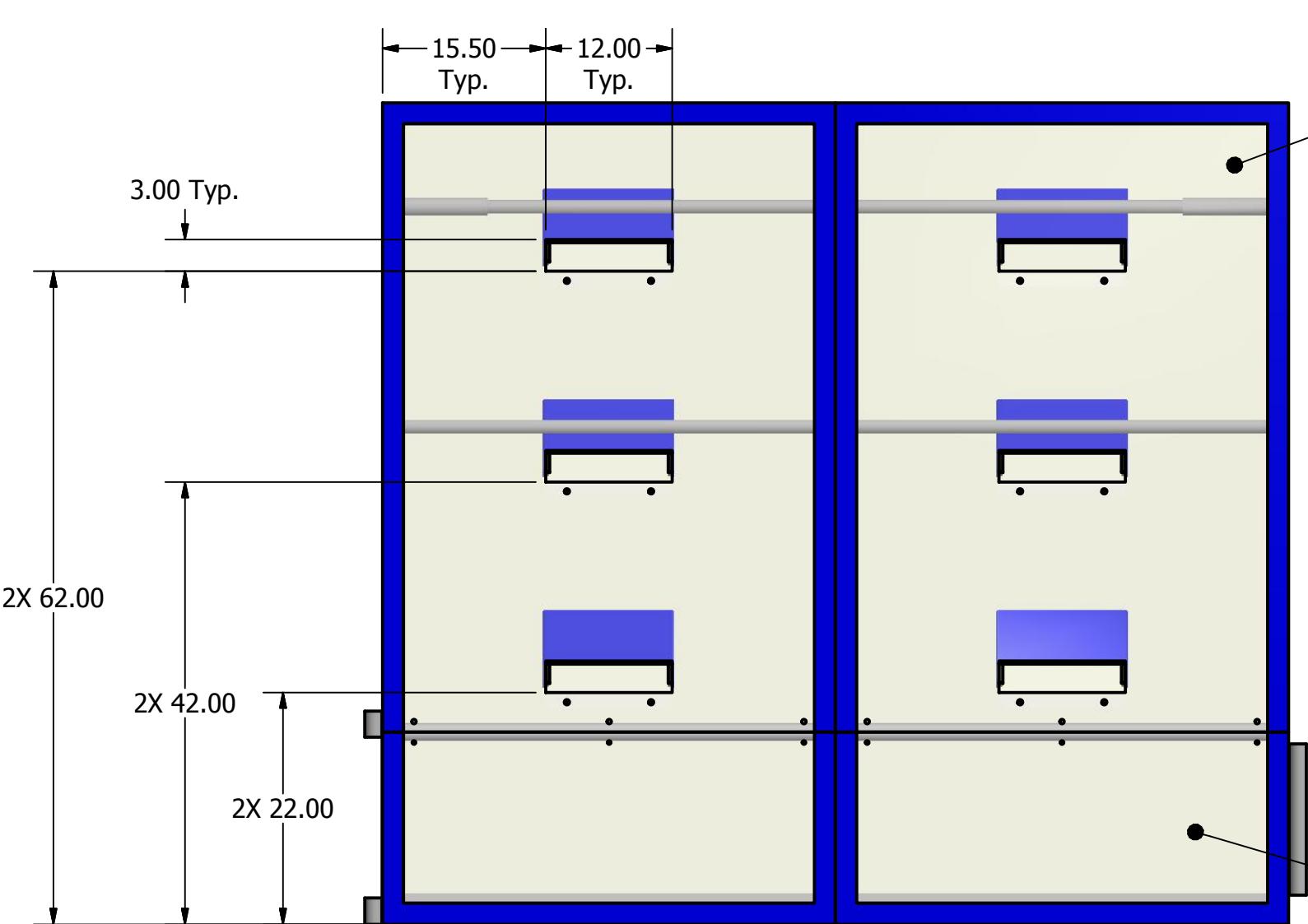


Notes:

1. Material: 1/4" thick, Clear Polycarbonate
2. Remove all burrs and sharp edges

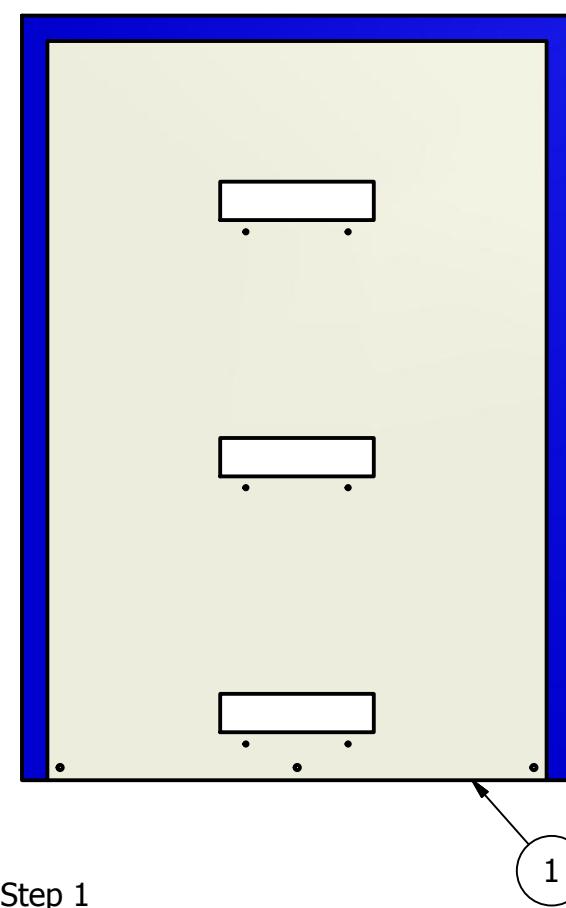
DRAWN dfoster	11/11/2012	<b>FIRST</b>					
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	+/- 1/32	<b>TITLE</b>					
.00	+/- .01	Slide. Feeder					
.000	+/- .005	SIZE	DWG NO	REV			
ANGULAR	+/- .25 Deg.	B	GE-13044	1			
SCALE				SHEET 1 OF 2			





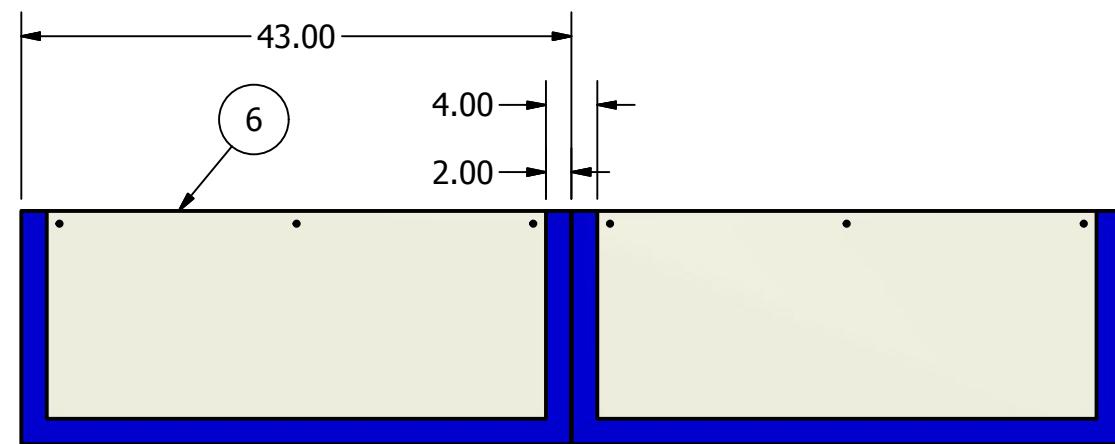
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	GE-13010	Feeder Plastic
2	1	GE-13014	Corner Goal, Upper Frame
3	1	GE-13015	Corner Goal, Lower Frame Left
4	2	GE-13033	F-Frame
5	2	GE-13034	Cross Bar, Corner Goal
6	1	GE-13035	Lower Plastic, Corner Goal
7	6	GE-13044	Slide, Feeder
8	6	GE-13075	Slide Cover
9	12	HW-00002	Nut, Lock 1/4-20
10	12	HW-00015	1/4-20 x 3/4" Button head screw, zinc plated

DRAWN dfoster	12/29/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED					
UNLESS OTHERWISE SPECIFIED					
TOLERANCES: (INCHES)					
FRAC.	+/- 1/32				
.00	+/- .01				
.000	+/- .005				
ANGULAR	+/- .25 Deg.	SCALE	DWG NO		
			GE-13045		
			REV		
			SHEET 1 OF 4		



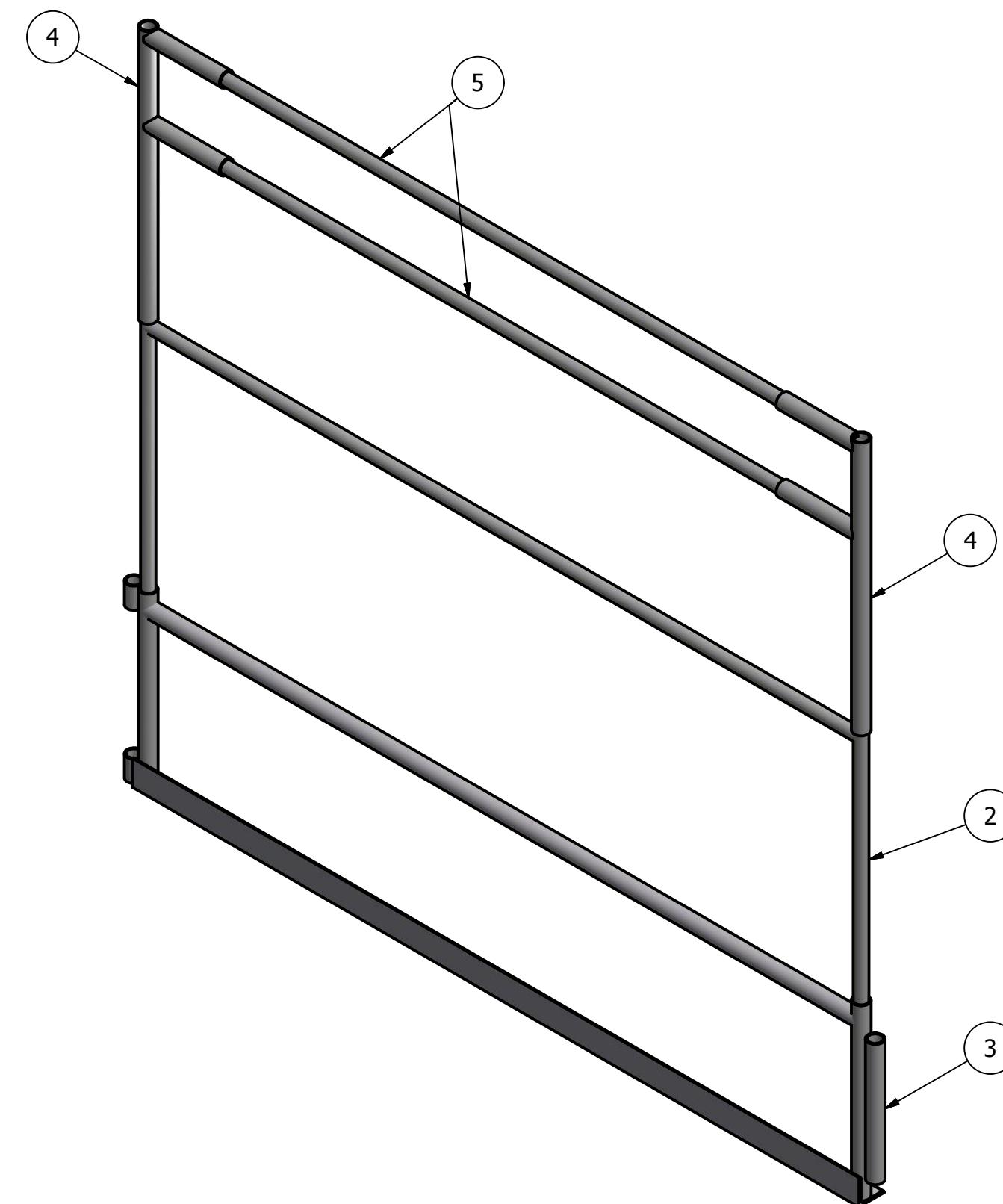
Step 1

1. Apply 2" wide gaffers tape to Item 1 as shown. Tape will be either red or blue depending on corner.



Step 2

1. Apply 2" wide gaffers tape to Item 6 as shown. Tape will be either red or blue depending on corner.



Step 3

1. Insert Item 2 into Item 3 as shown.

2. Take two Item 5's. Insert them into one Item 4 as shown. Take another Item 4 and put it on to the other ends of the Item's 5's. Lower the four assembled pieces on to Item 2.

DRAWN dfoster	12/29/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
CHECKED							
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)							
FRAC.	+/- 1/32						
.00	+/- .01						
.000	+/- .005						
ANGULAR	+/- .25 Deg.	SCALE	DWG NO	REV			
			GE-13045				
				SHEET 2 OF 4			

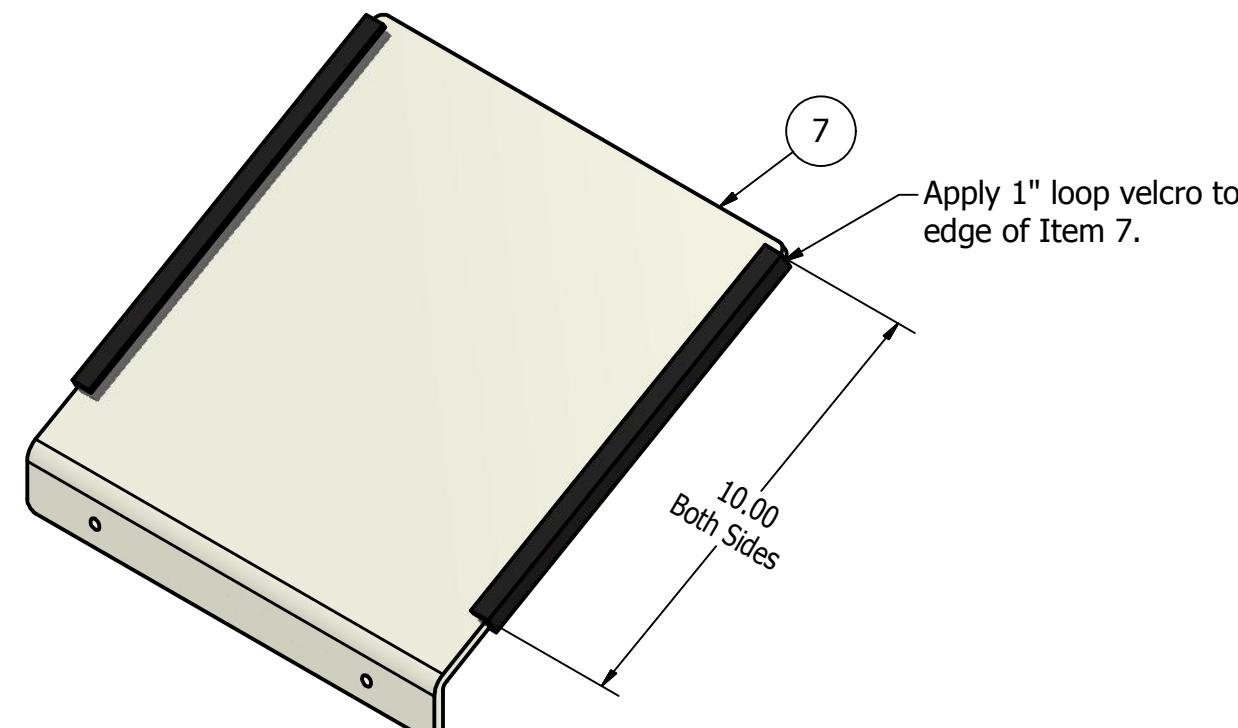
4

3

2

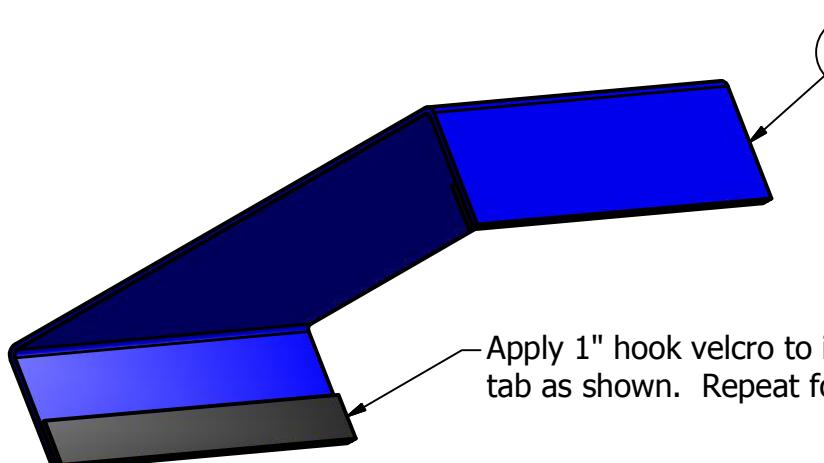
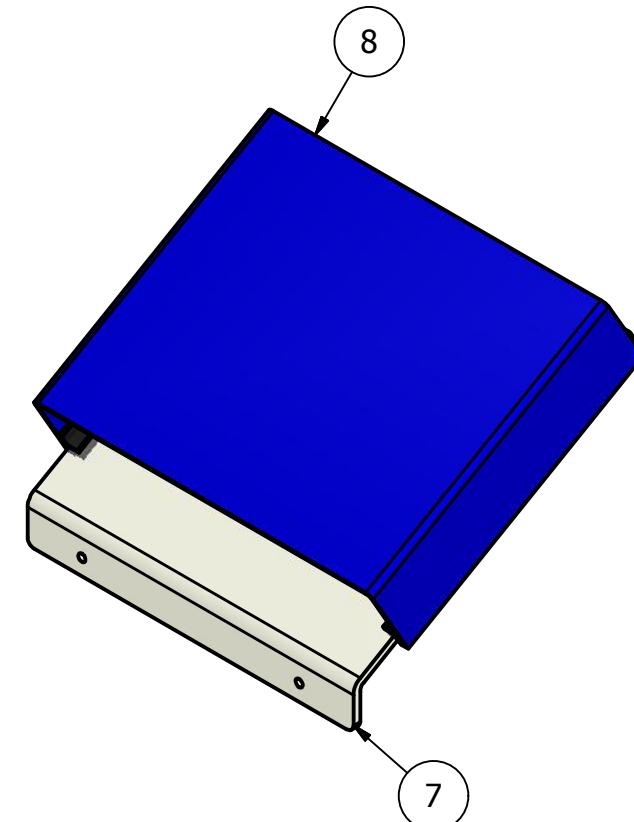
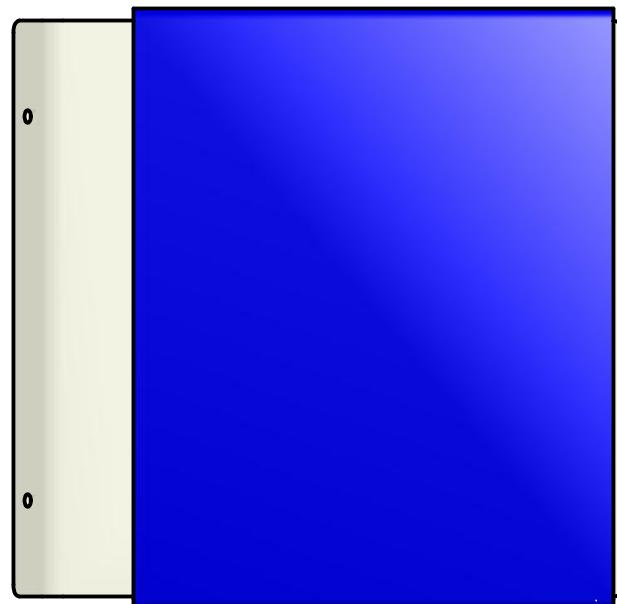
1

D



## Step 4

1. Apply 1" loop velcro, adhesive backed, to the edges of Item 7 as shown. Repeat for all Item 7's.



## Step 5

1. Apply 1" hook velcro, adhesive backed, to the inside of the tabs of Item 8 as shown. Repeat for all Item 8's.



## Step 6

1. Attach Item 8 to Item 7 with the velcro applied in Step 3 and 4. Repeat for all similar items.

DRAWN dfoster	12/29/2012	<b>FIRST</b>		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		TITLE		
FRAC.	+/- 1/32	Feeder Station Assembly		
.00	+/- .01	SIZE		
.000	+/- .005	DWG NO		
ANGULAR	+/- .25 Deg.	SCALE		REV
			GE-13045	
			SHEET 3 OF 4	

4

3

2

1

4

A

A

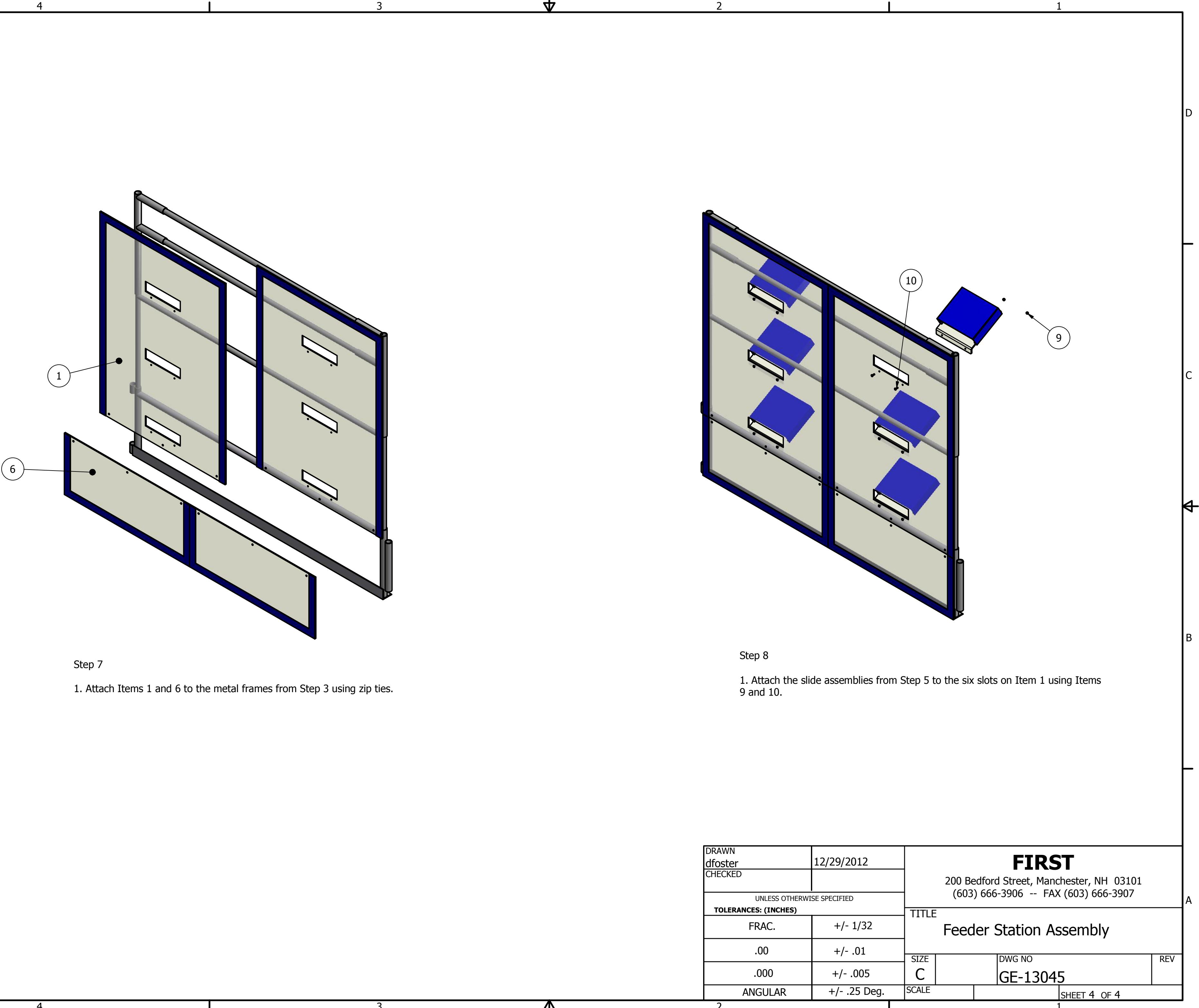
D

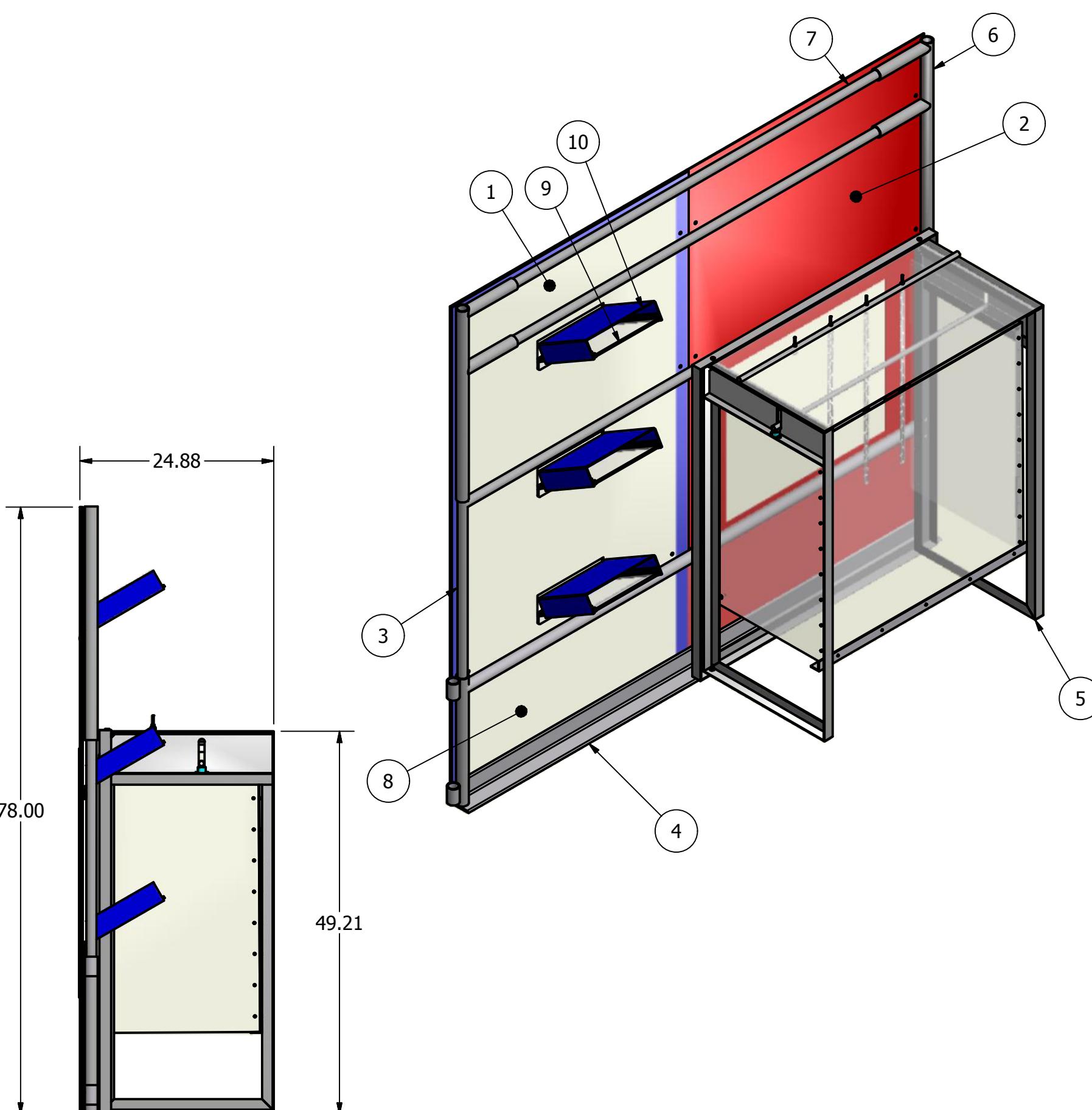
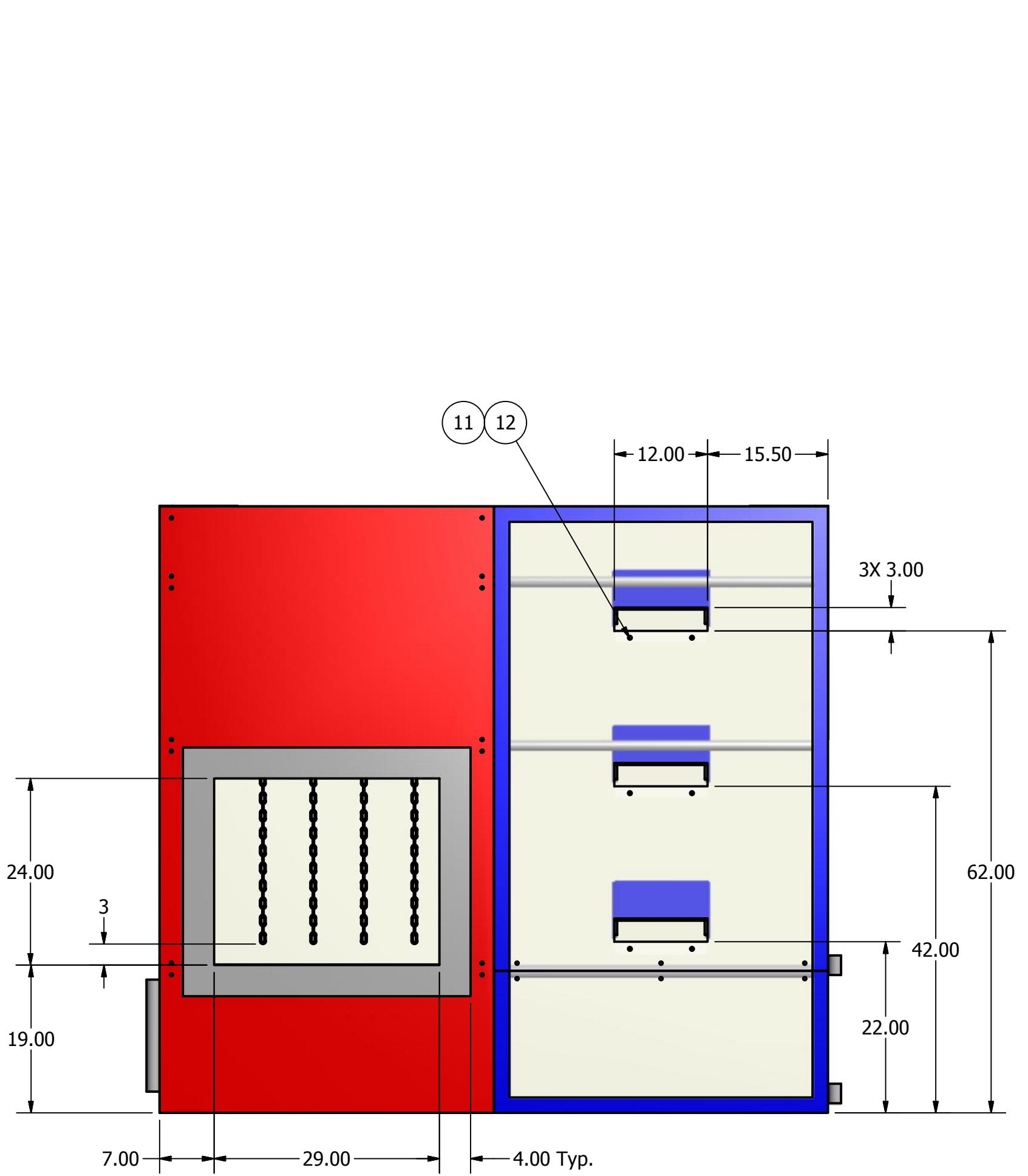
C

B

B

A

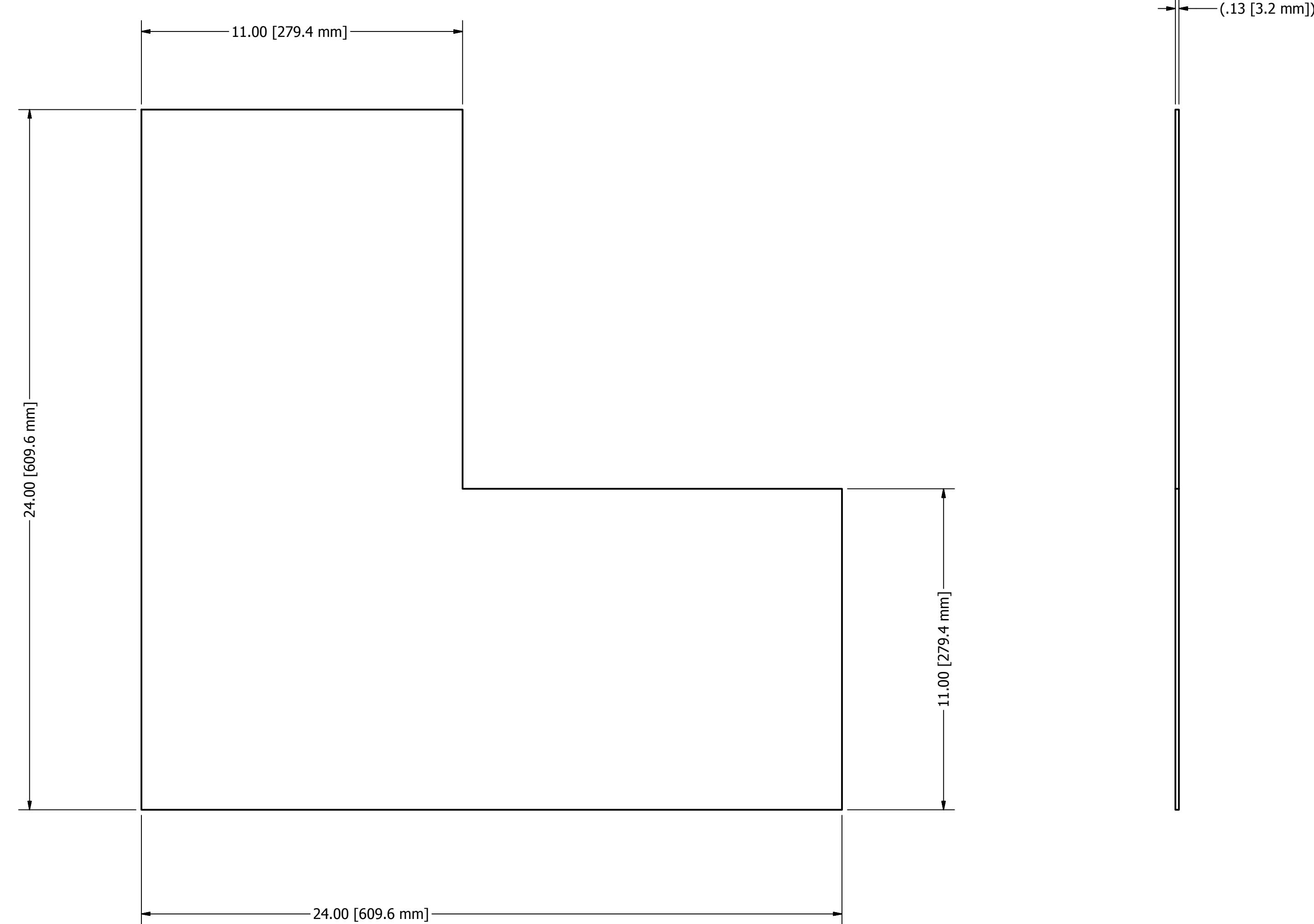




PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-13010	Feeder Plastic
2	1	GE-13012	Corner Goal Plastic
3	1	GE-13014	Corner Goal, Upper Frame
4	1	GE-13016	Corner Goal. Lower Frame Right
5	1	GE-13032	Low Goal Assembly
6	2	GE-13033	F-Frame
7	2	GE-13034	Cross Bar, Corner Goal
8	1	GE-13035	Lower Plastic, Corner Goal
9	3	GE-13044	Slide. Feeder
10	3	GE-13075	Cover, Slide
11	6	HW-00002	Nut, Lock 1/4-20
12	6	HW-00015	1/4-20 x 3/4" Button head screw. zinc plated

12	6	HW-00015	1/4-20 x 3/4 Button head screw, zinc plated	
DRAWN dfoster	11/17/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		<b>TITLE</b>		
FRAC.	+/- 1/32	Feeder/Low Goal Station		
.00	+/- .01	<b>SIZE</b>	<b>DWG NO</b>	<b>REV</b>
.000	+/- .005			
ANGULAR	+/- .25 Deg.	<b>SCALE</b>		SHEET 1 OF 4

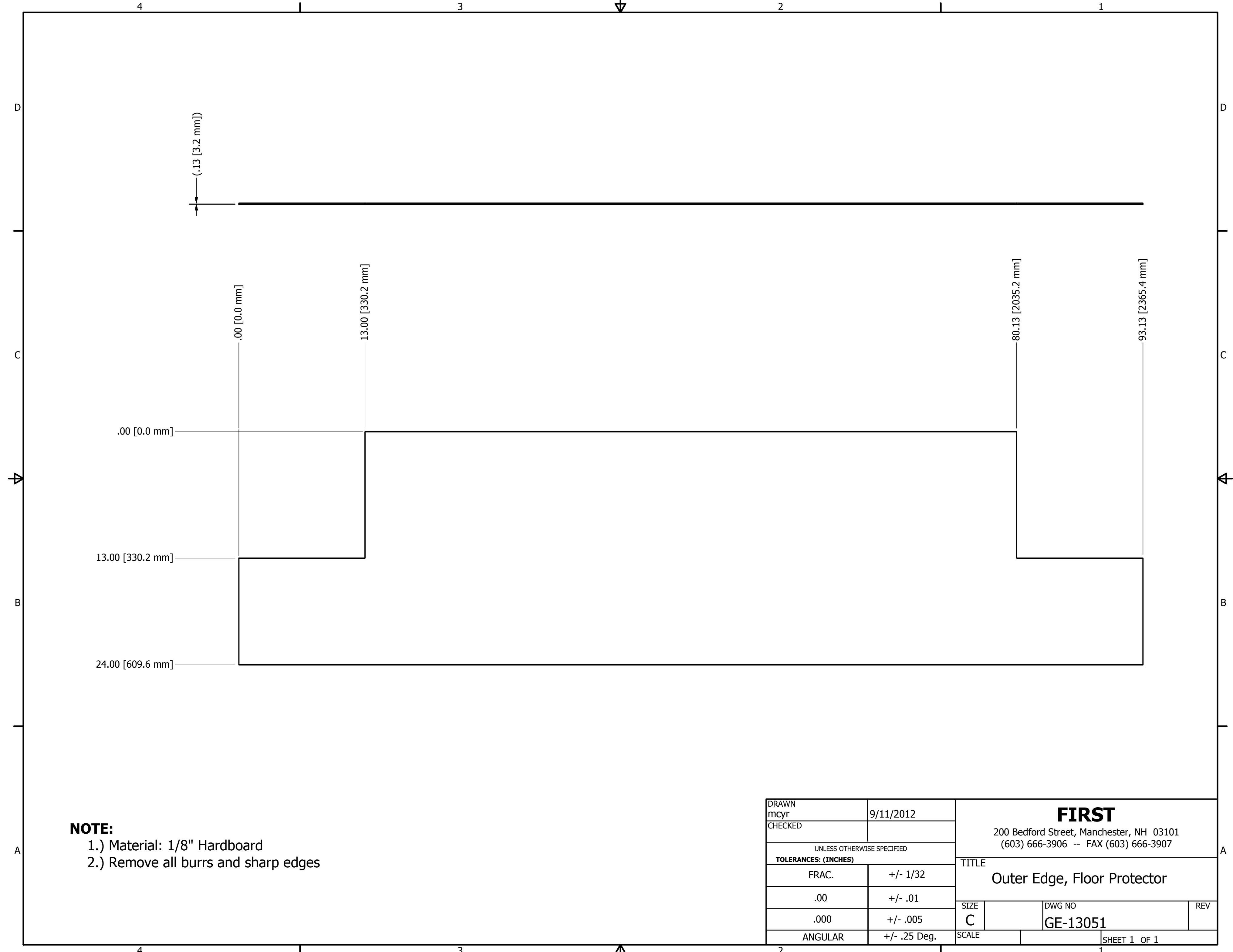
4 | 3 | 2 | 1

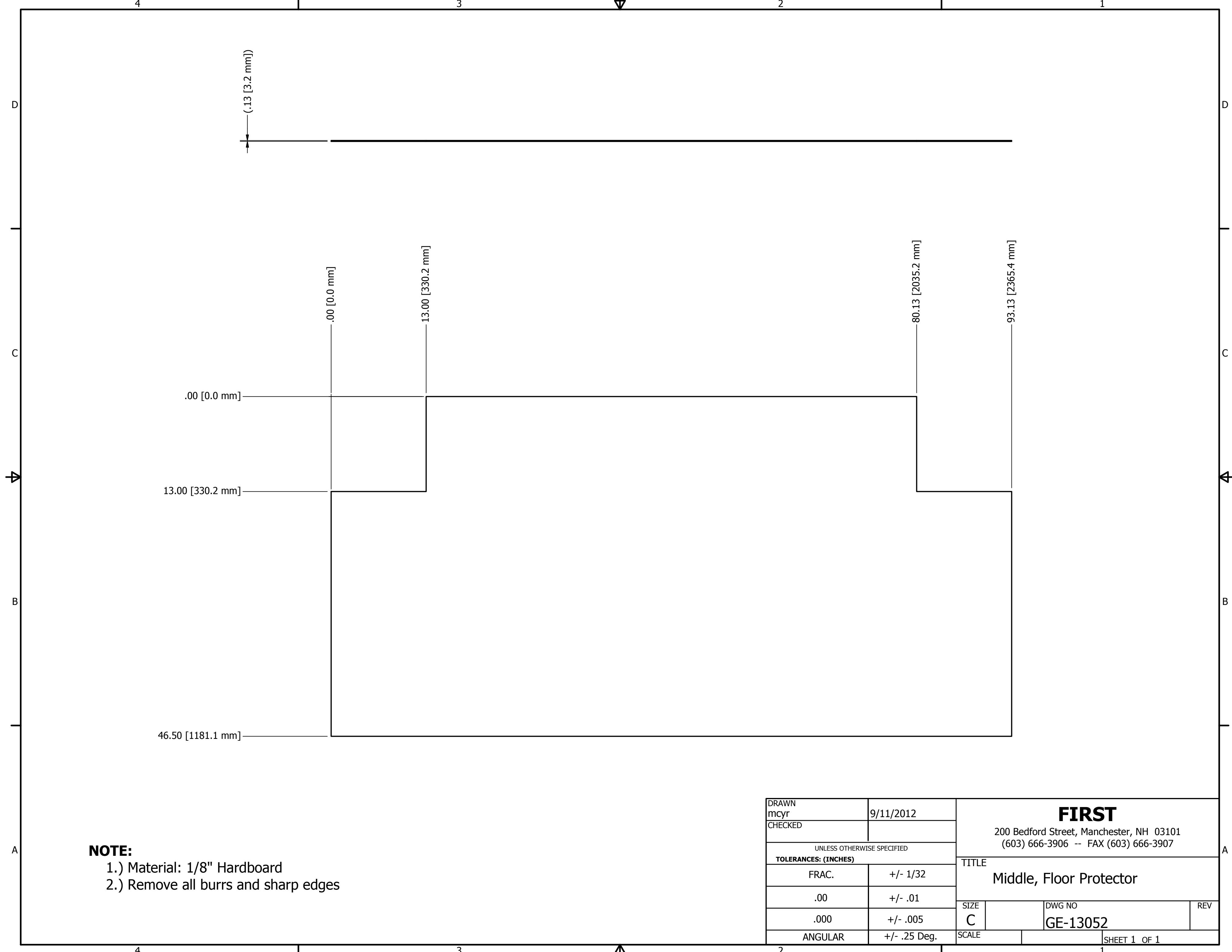


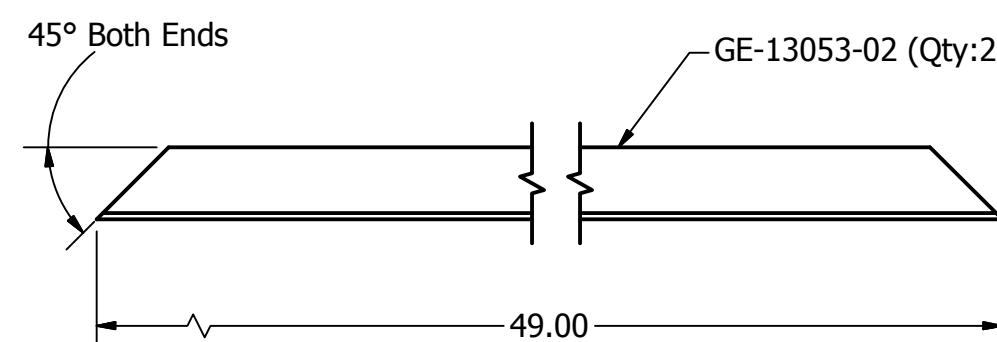
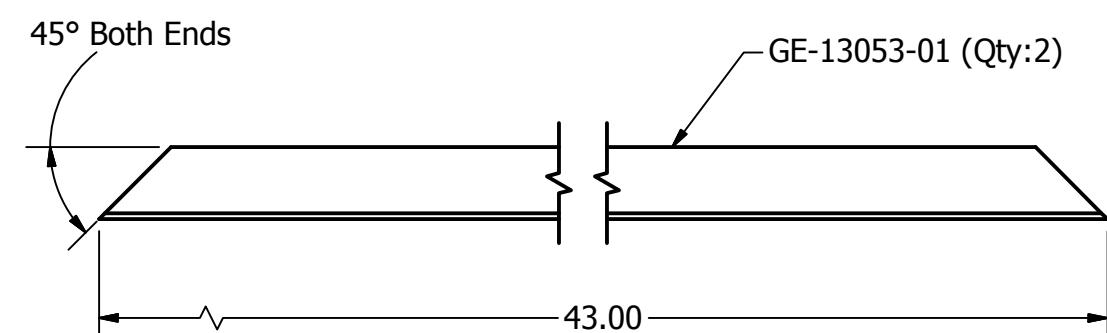
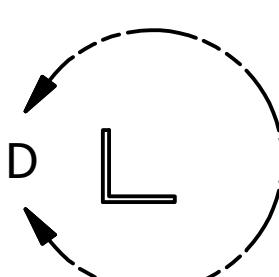
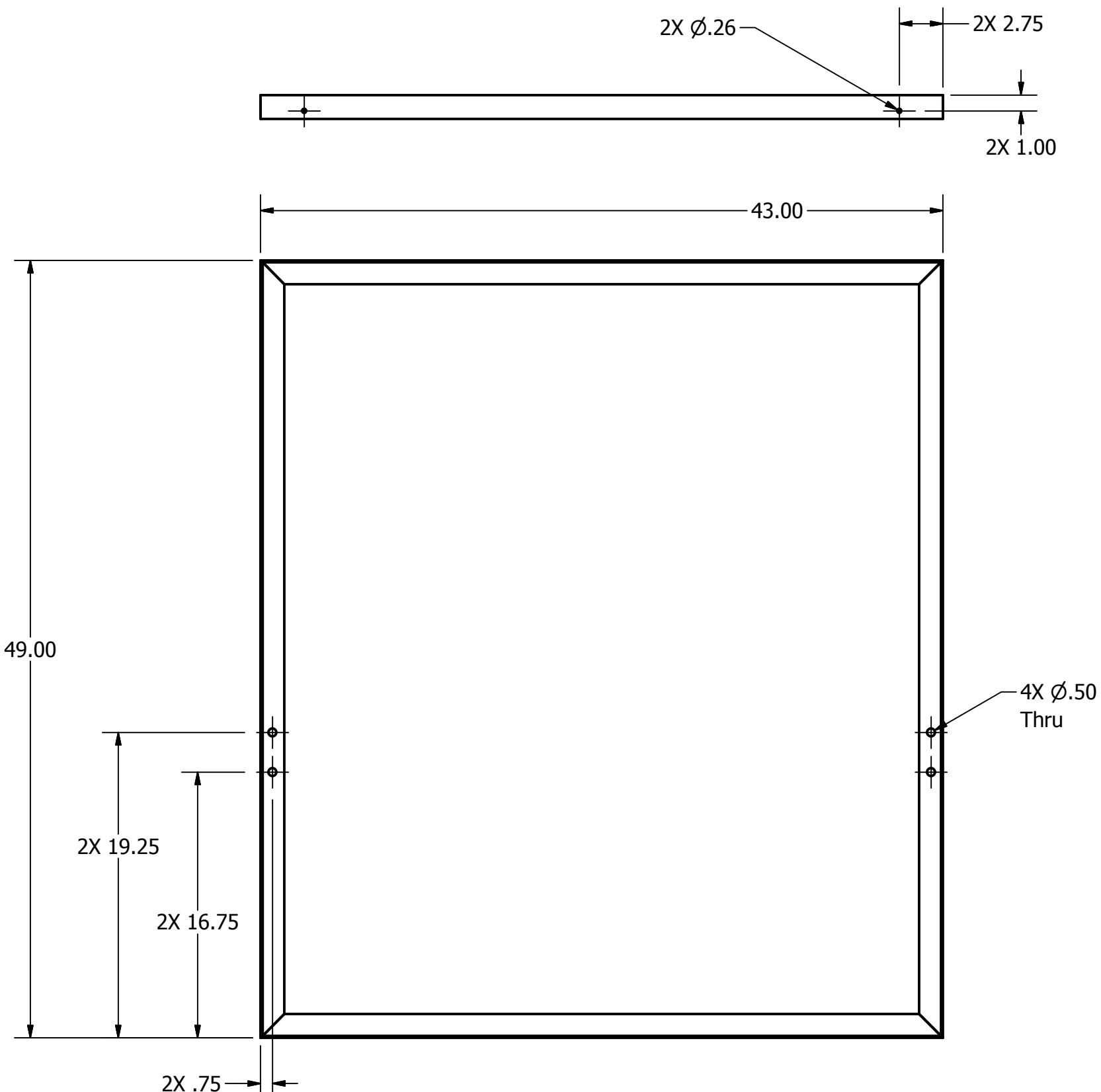
**NOTE:**  
1.) Material: 1/8" Hardboard  
2.) Remove all burrs and sharp edges

DRAWN mcyr	9/11/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED <b>TOLERANCES: (INCHES)</b>				
FRAC.	+/- 1/32			
.00	+/- .01			
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SCALE	DWG NO	REV
			GE-13050	
				SHEET 1 OF 1

4 | 3 | 2 | 1

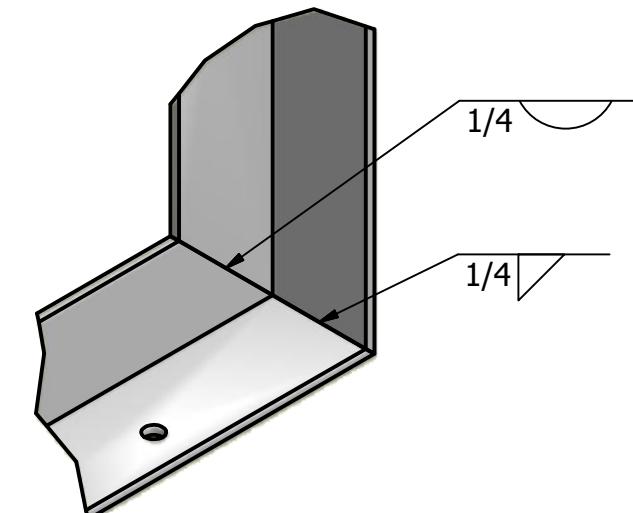




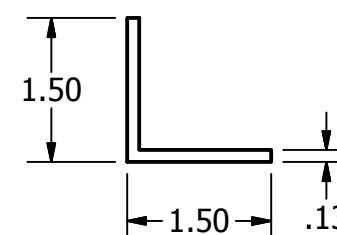


## Notes:

1. Material: 1-1/2" x 1/8" thick, 6063-T52 Aluminum Architectural Angle
  2. Finish: none
  3. Remove all burrs and sharp edges
  4. Holes may be drilled after welding



**DETAIL C**  
**SCALE 1 / 2**  
Typ. All Corners



**DETAIL D  
SCALE 1 / 2  
Typ. All Pieces**

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	GE-13053-01	Horizontal Member
2	2	GE-13053-02	Vertical Member

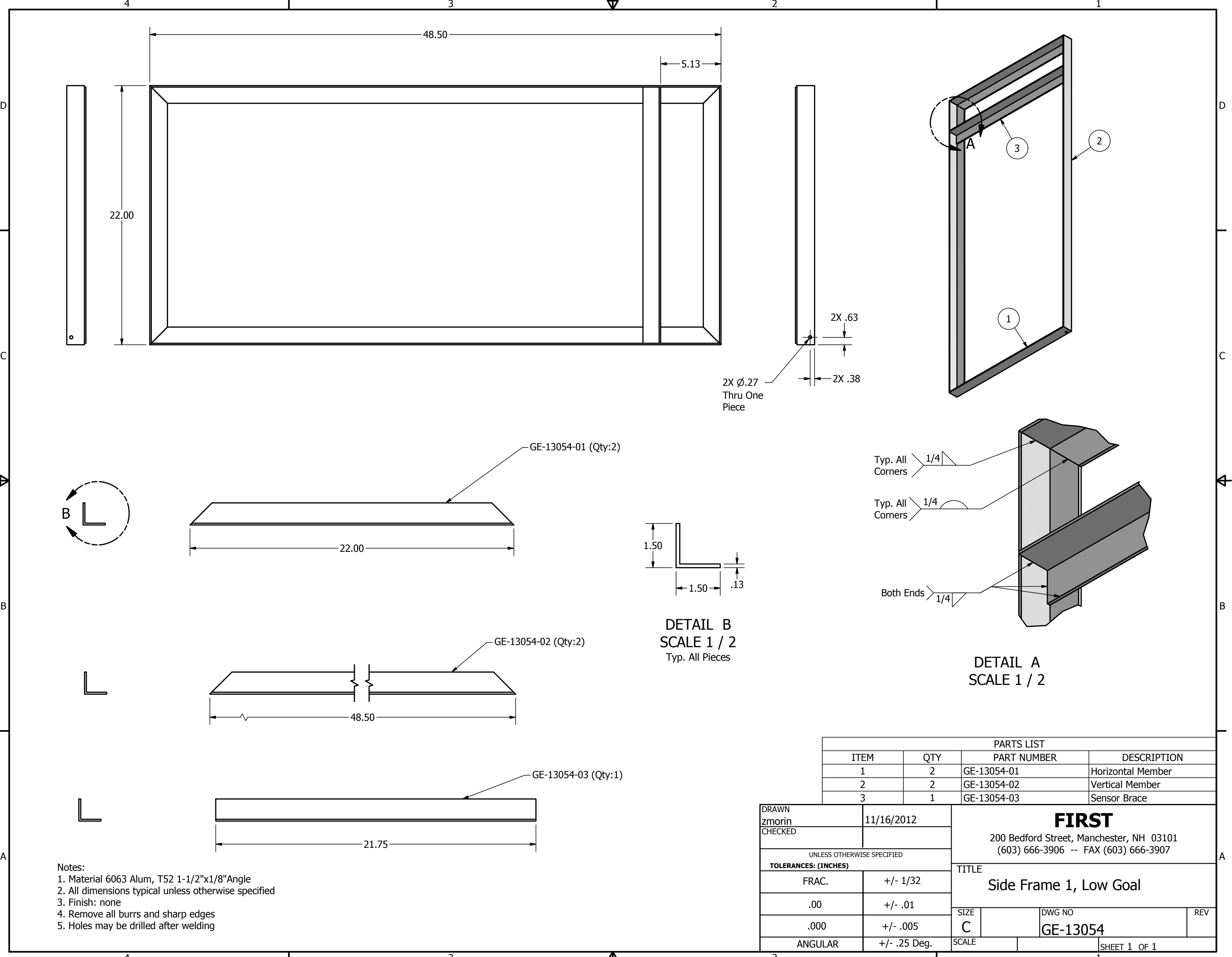
## FIRST

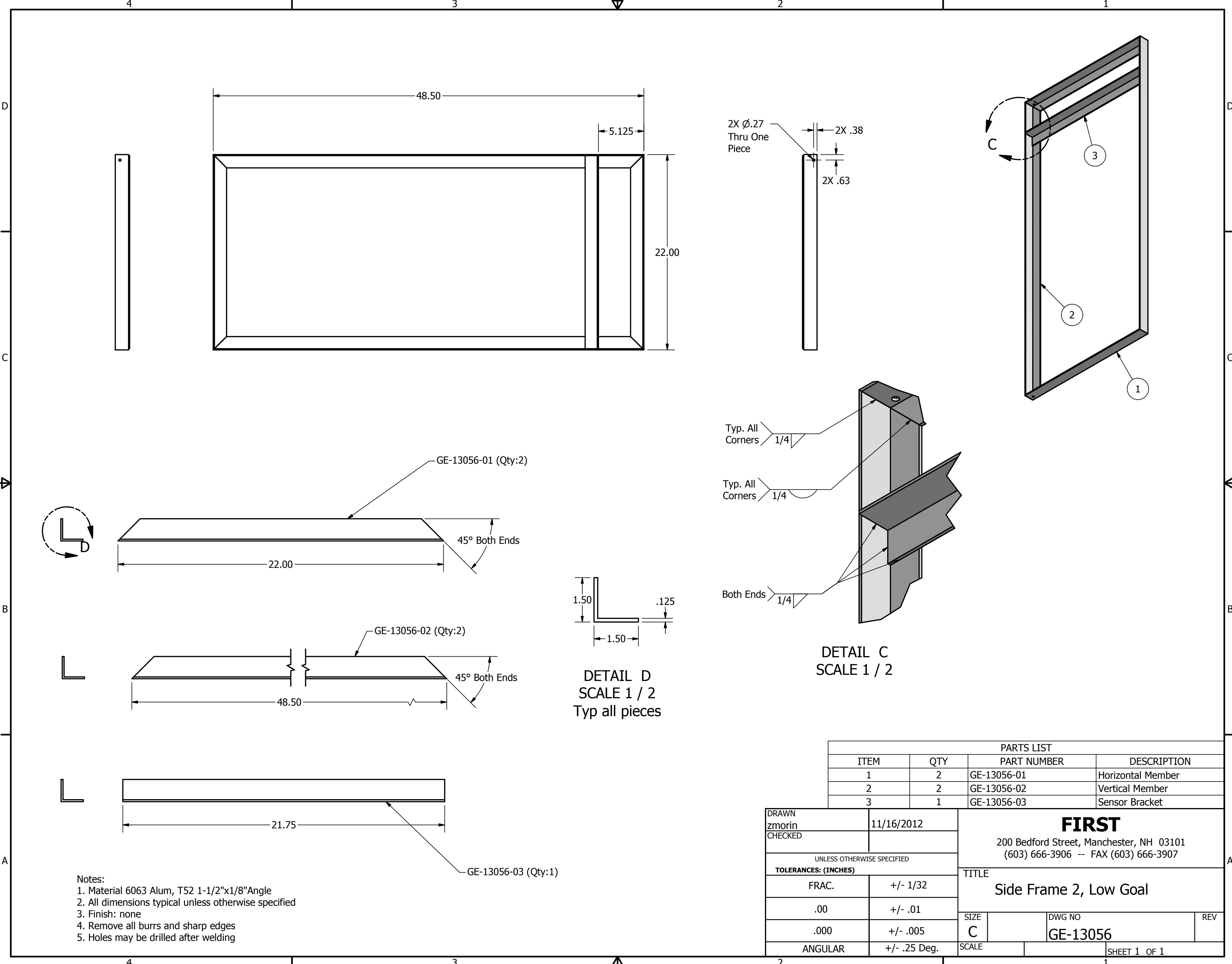
200 Bedford Street, Manchester, NH 03101  
(603) 666-3906 -- FAX (603) 666-3907

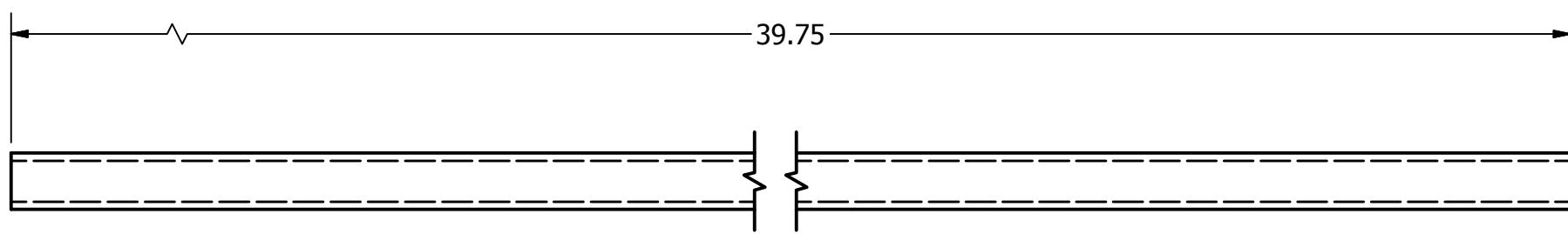
2

## Front Frame, Low Goal

	2	2	GE-13053-02	Vertical Member
DRAWN dfoster	11/15/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED		TITLE  Front Frame, Low Goal		
<b>TOLERANCES: (INCHES)</b>				
FRAC.	+/- 1/32			
.00	+/- .01			
.000	+/- .005	SIZE C	DWG NO GE-13053	REV
ANGULAR	+/- .25 Deg.	SCALE		SHEET 1 OF 1







Notes:

1. Material: 3/4" Galvanized Steel EMT
2. Remove burrs and sharp edges

DRAWN dfoster	11/15/2012	<b>FIRST</b>		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		TITLE		
FRAC.	+/- 1/32	Basket Pole, Low Goal		
.00	+/- .01	SIZE		
.000	+/- .005	B	DWG NO	
ANGULAR	+/- .25 Deg.	GE-13057		REV
		SCALE		SHEET 1 OF 1

4

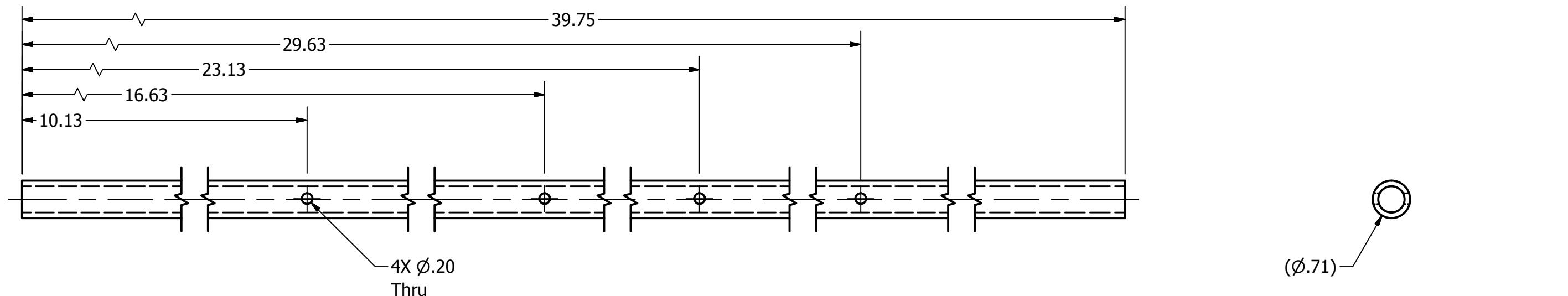
3

2

1

## REVISION HISTORY

ZONE	REV	DESCRIPTION	DATE	APPROVED
A-3	1	Corrected Material Note	12/4/2012	DAF



## Notes:

1. Material: 1/2" Galvanized Steel EMT
2. Remove burrs and sharp edges



DRAWN dfoster	11/15/2012
CHECKED	
UNLESS OTHERWISE SPECIFIED	

## TOLERANCES: (INCHES)

FRAC.	+/- 1/32
.00	+/- .01
.000	+/- .005

SIZE	DWG NO	REV
B	GE-13058	1
SCALE		SHEET 1 OF 1

**FIRST**

200 Bedford Street, Manchester, NH 03101  
(603) 666-3906 -- FAX (603) 666-3907

TITLE  
**Chain Pole, Low Goal**

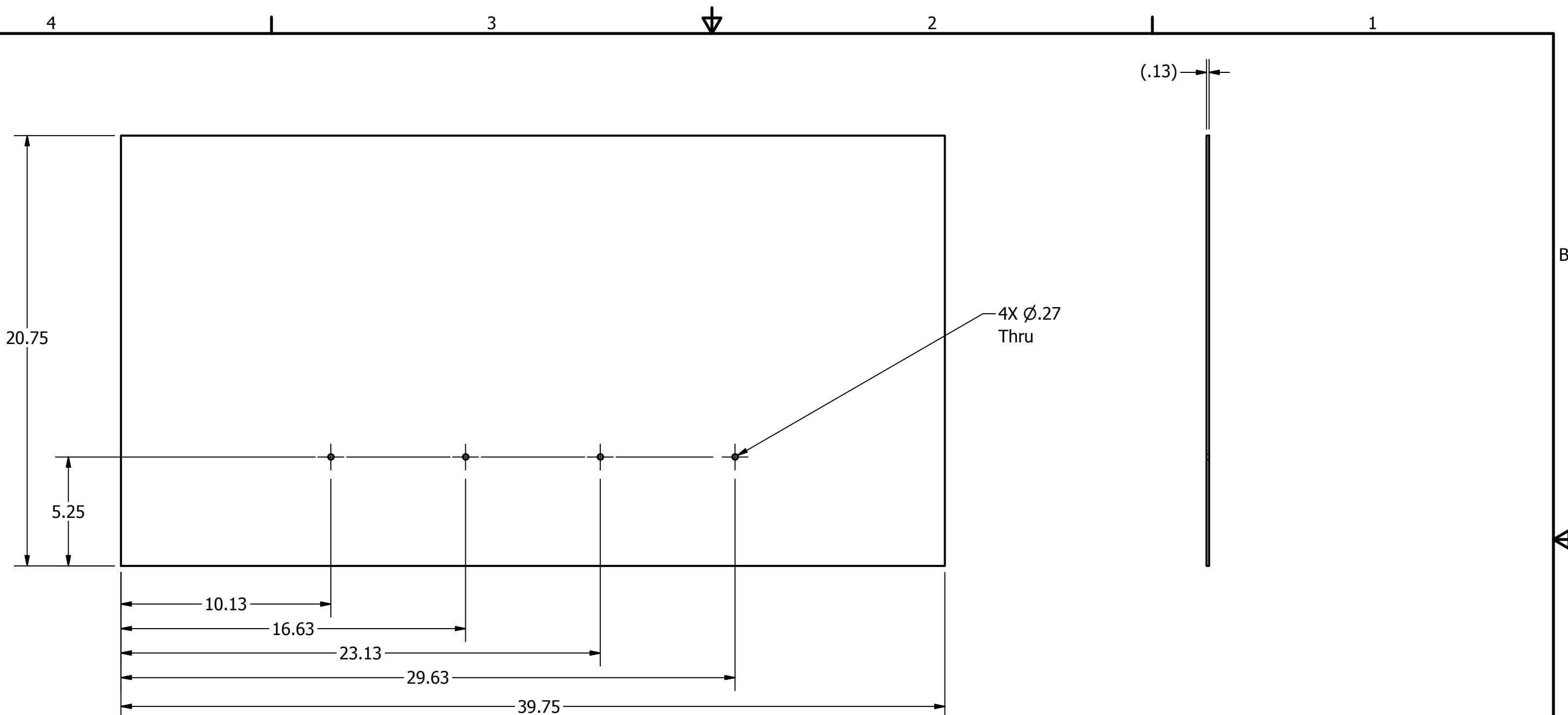
4

3

2

1

4

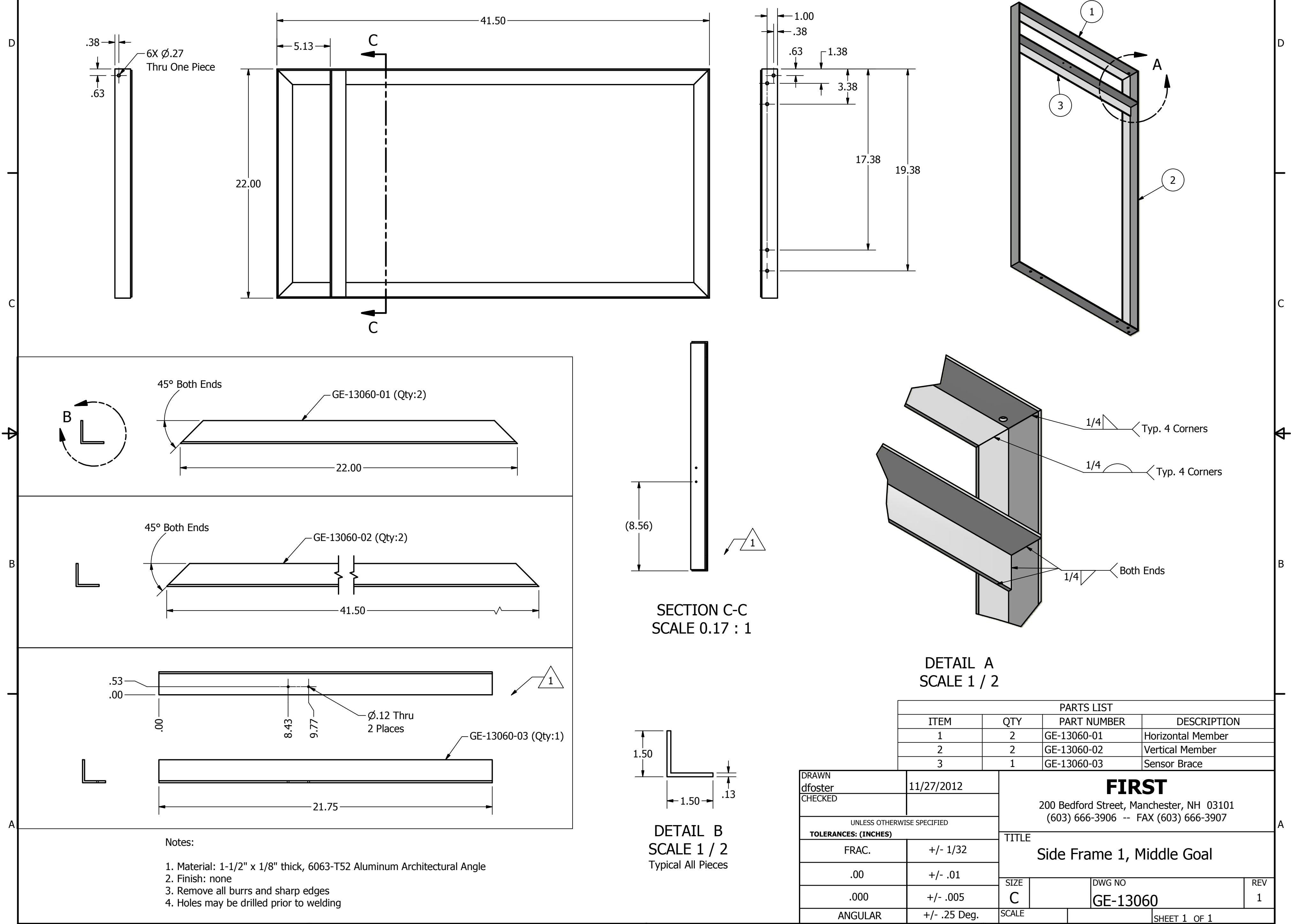


Notes:

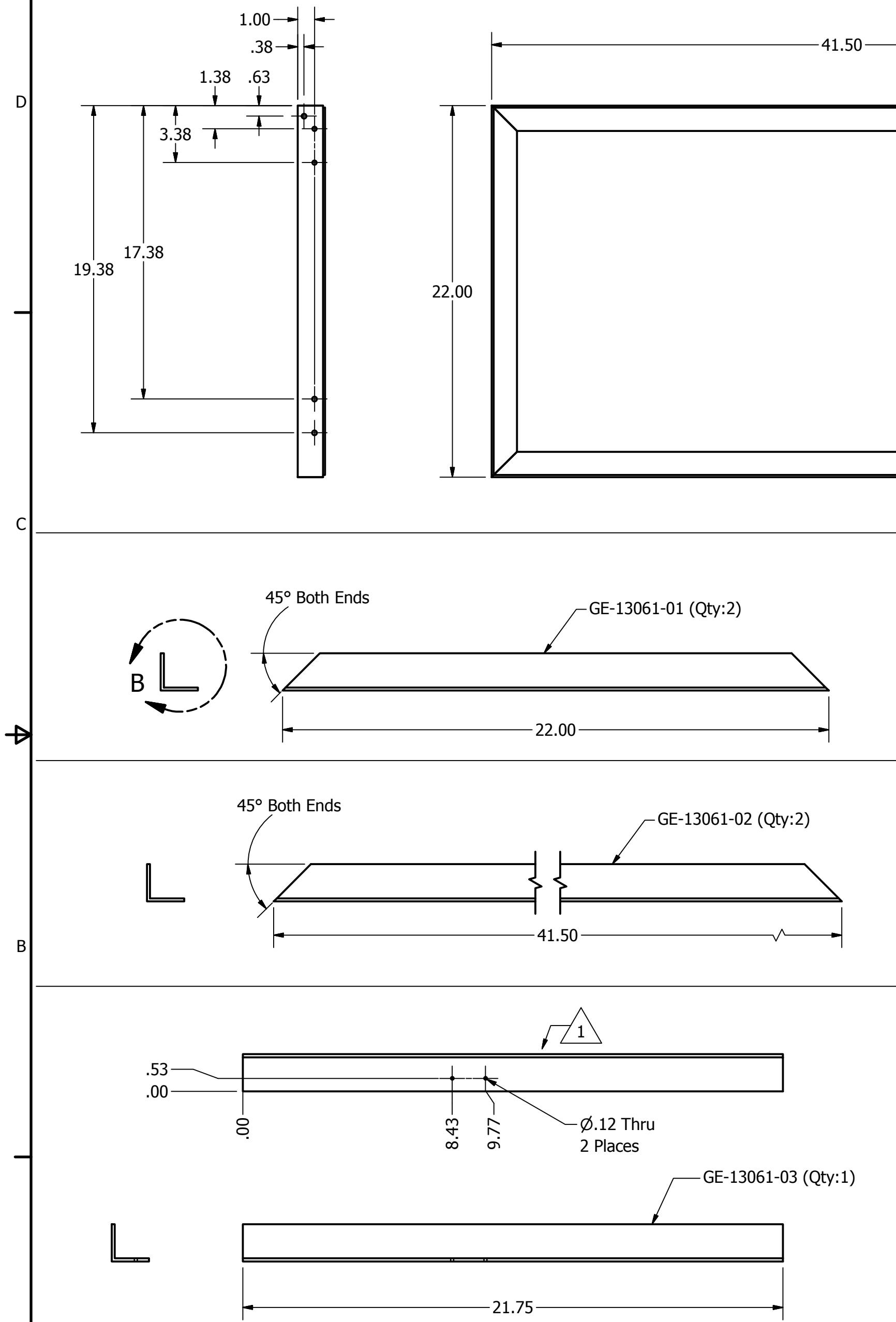
1. Material: 1/8" Clear Polycarbonate
2. Remove all burrs and sharp edges

DRAWN dfoster	11/15/2012	<b>FIRST</b>				
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907				
UNLESS OTHERWISE SPECIFIED						
<b>TOLERANCES: (INCHES)</b>		<b>TITLE</b>				
FRAC.	+/- 1/32	Roof, Low Goal				
.00	+/- .01	SIZE				
.000	+/- .005	B	DWG NO			
ANGULAR	+/- .25 Deg.	GE-13059		REV		
SCALE						
SHEET 1 OF 1						

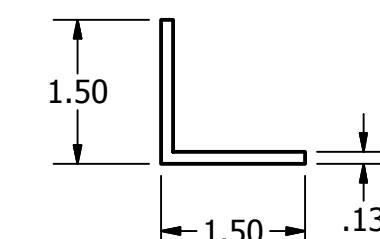
ZONE	REV	DESCRIPTION	DATE	APPROVED
A-4	1	Added thru holes, added another view and added a cross section view	12/7/2012	MLC



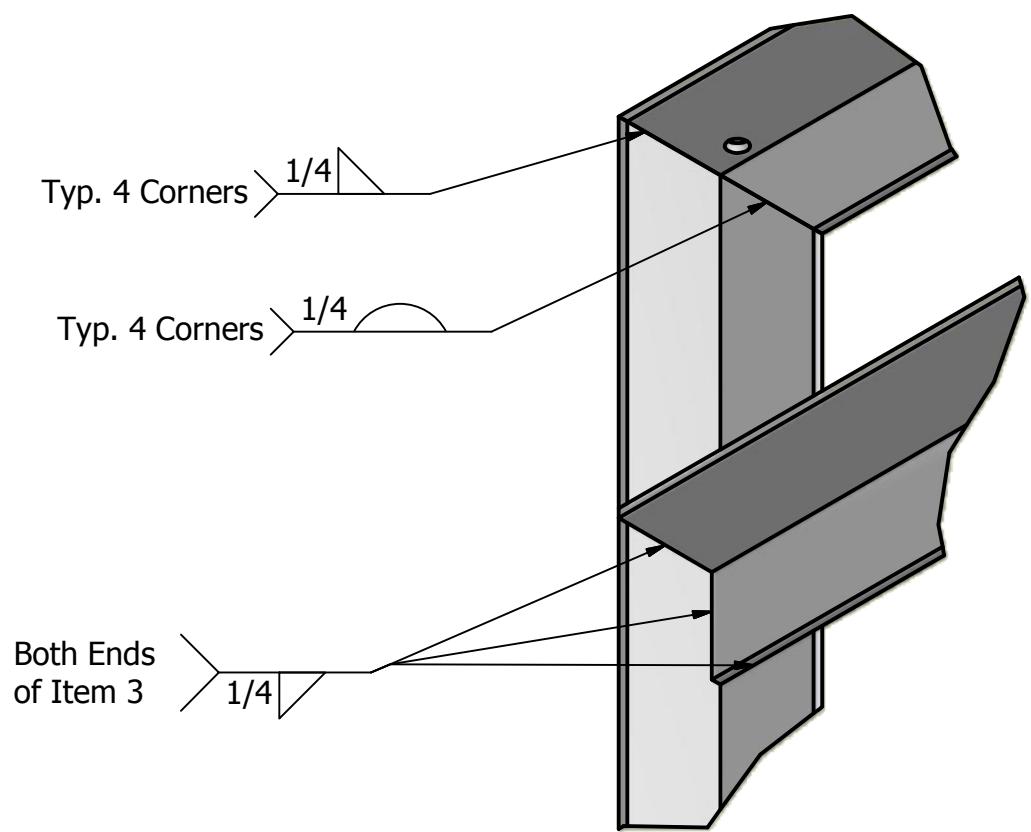
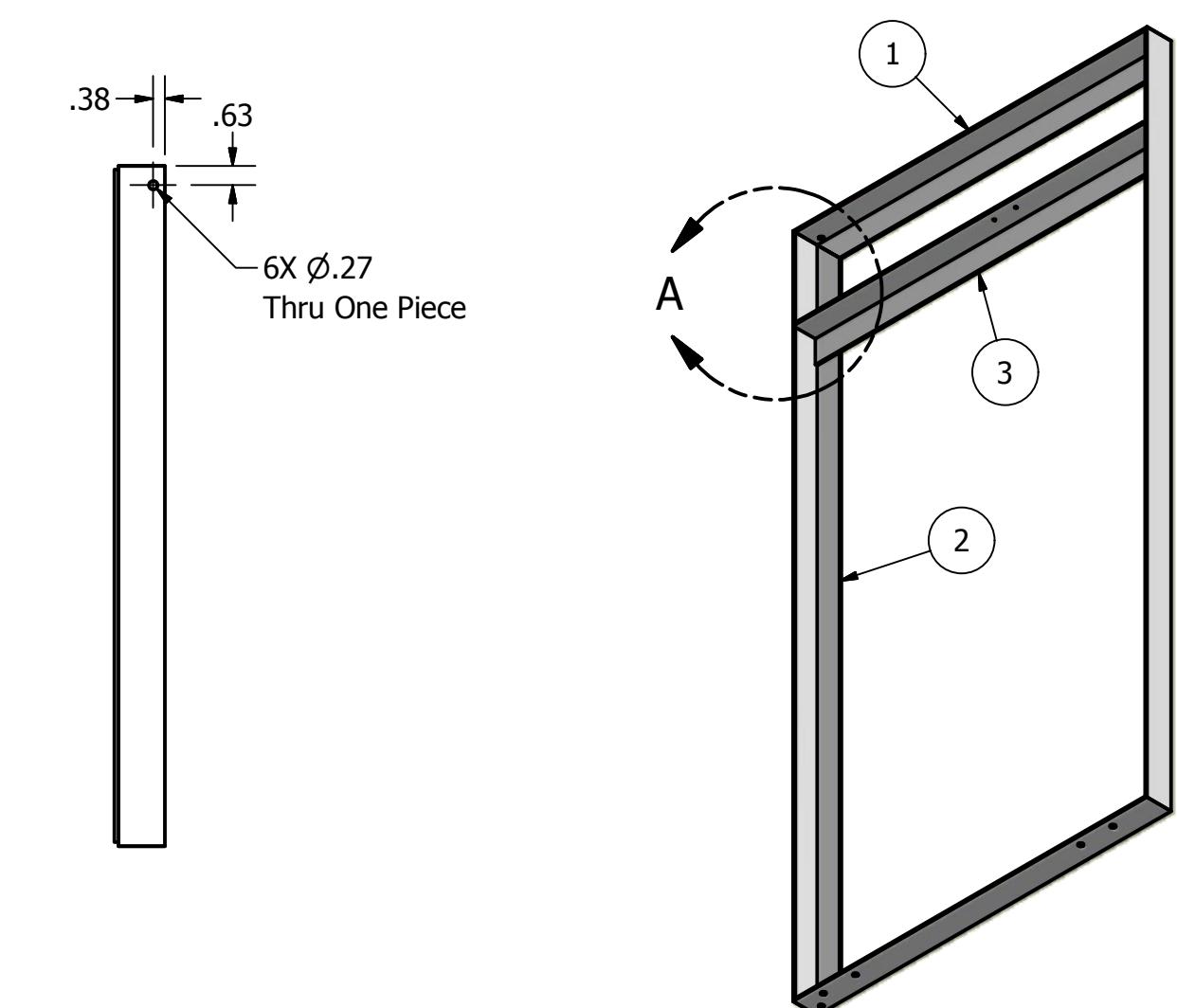
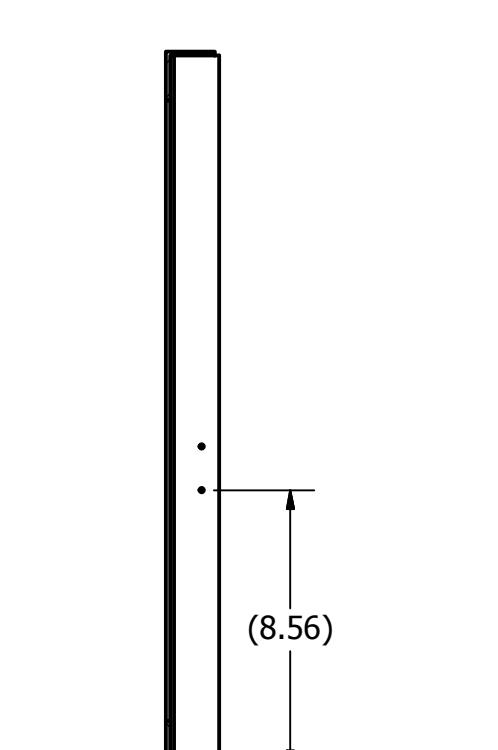
4		3		2		1
ZONE B-4	REV 1			DESCRIPTION Added holes to part. Created another view and cross section		DATE 12/7/2012 APPROVED MLC



SECTION D-D  
SCALE 0.17 : 1



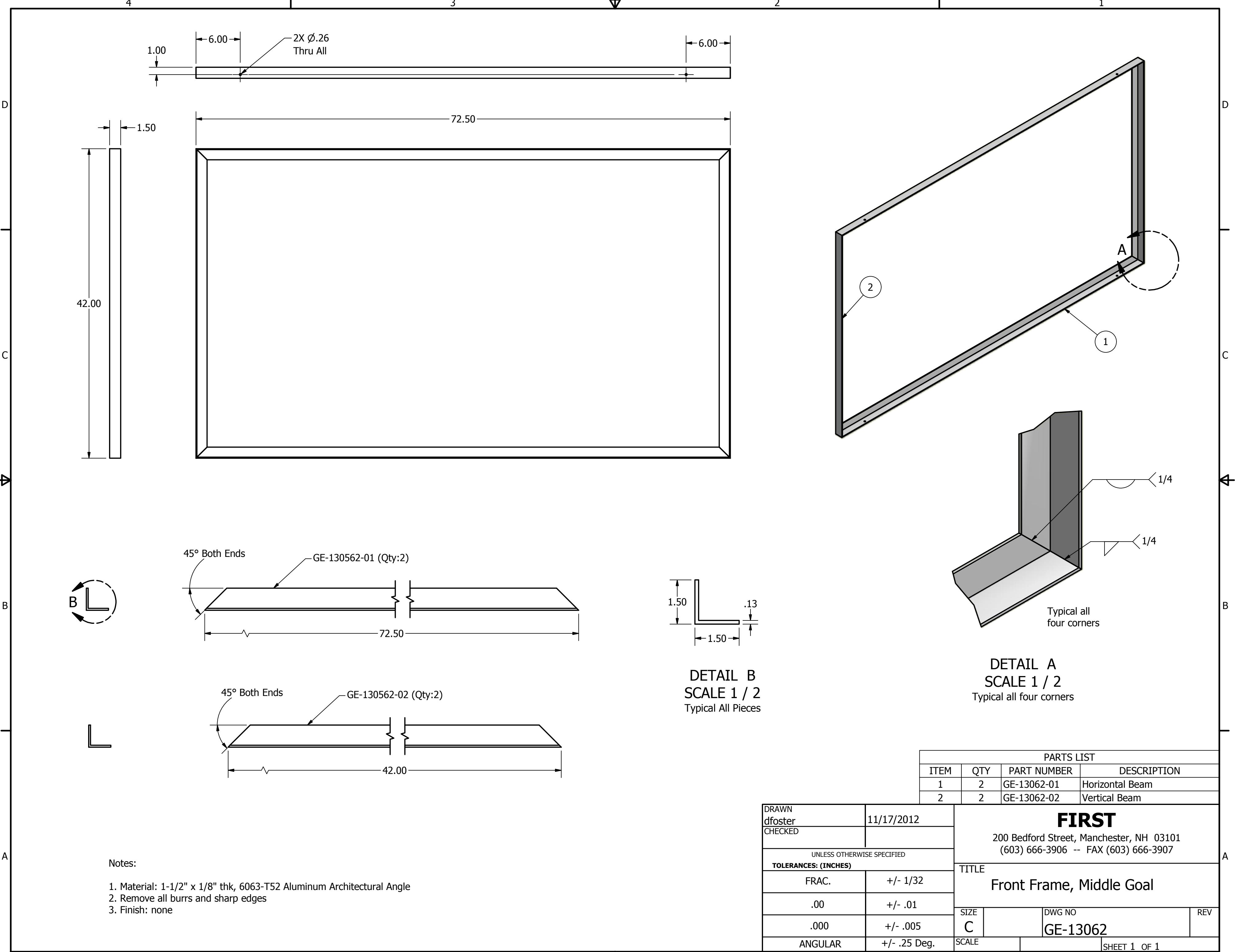
DETAIL B  
SCALE 1 / 2  
Typ. All Pieces



DETAIL A  
SCALE 1 / 2

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	GE-13061-01	Vertical Member
2	2	GE-13061-02	Horizontal Member
3	1	GE-13061-03	Sensor Brace

DRAWN dfoster	11/28/2012	TITLE Side Frame 2, Middle Goal
CHECKED		
UNLESS OTHERWISE SPECIFIED		
TOLERANCES: (INCHES)		
FRAC.	+/- 1/32	
.00	+/- .01	
.000	+/- .005	
ANGULAR	+/- .25 Deg.	SIZE C DWG NO GE-13061 REV 1
		SHEET 1 OF 1



4

3

2

1

## REVISION HISTORY

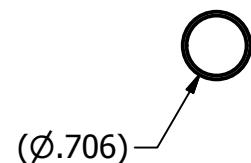
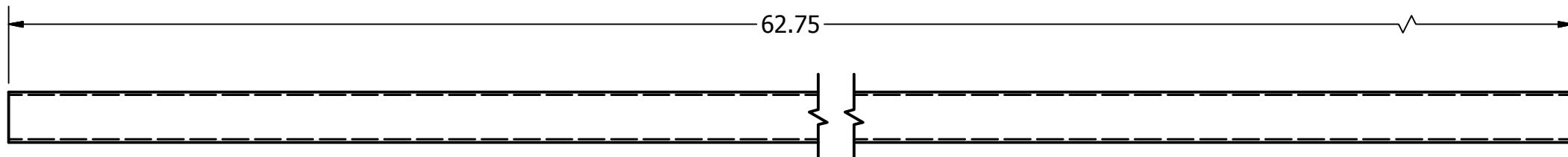
## DESCRIPTION

DATE APPROVED

ZONE	REV		
A-3	1	Changed material note, changed OD from .68 to .706	12/5/2012 MLC

B

B



## Notes:

1. Material: 1/2" Electrical Metallic Tubing (EMT) IT (IMC)
2. Remove all burrs and sharp edges.

DRAWN dfoster	11/17/2012
CHECKED	

UNLESS OTHERWISE SPECIFIED

## TOLERANCES: (INCHES)

FRAC.	+/- 1/32
.00	+/- .01
.000	+/- .005
ANGULAR	+/- .25 Deg.

SIZE	DWG NO
B	GE-13064

REV
1

**FIRST**200 Bedford Street, Manchester, NH 03101  
(603) 666-3906 -- FAX (603) 666-3907

## TITLE

Basket Pole

SCALE SHEET 1 OF 1

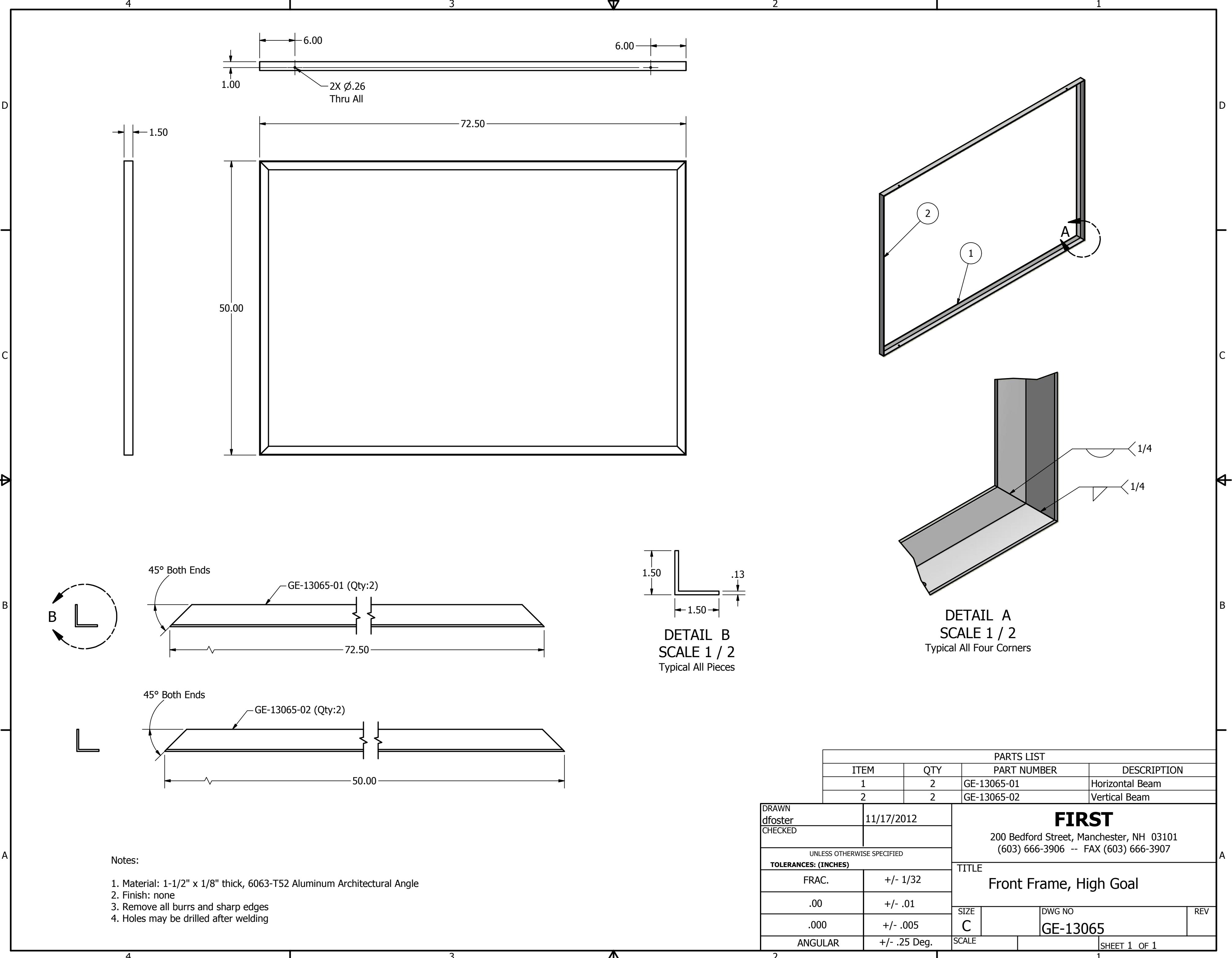
4

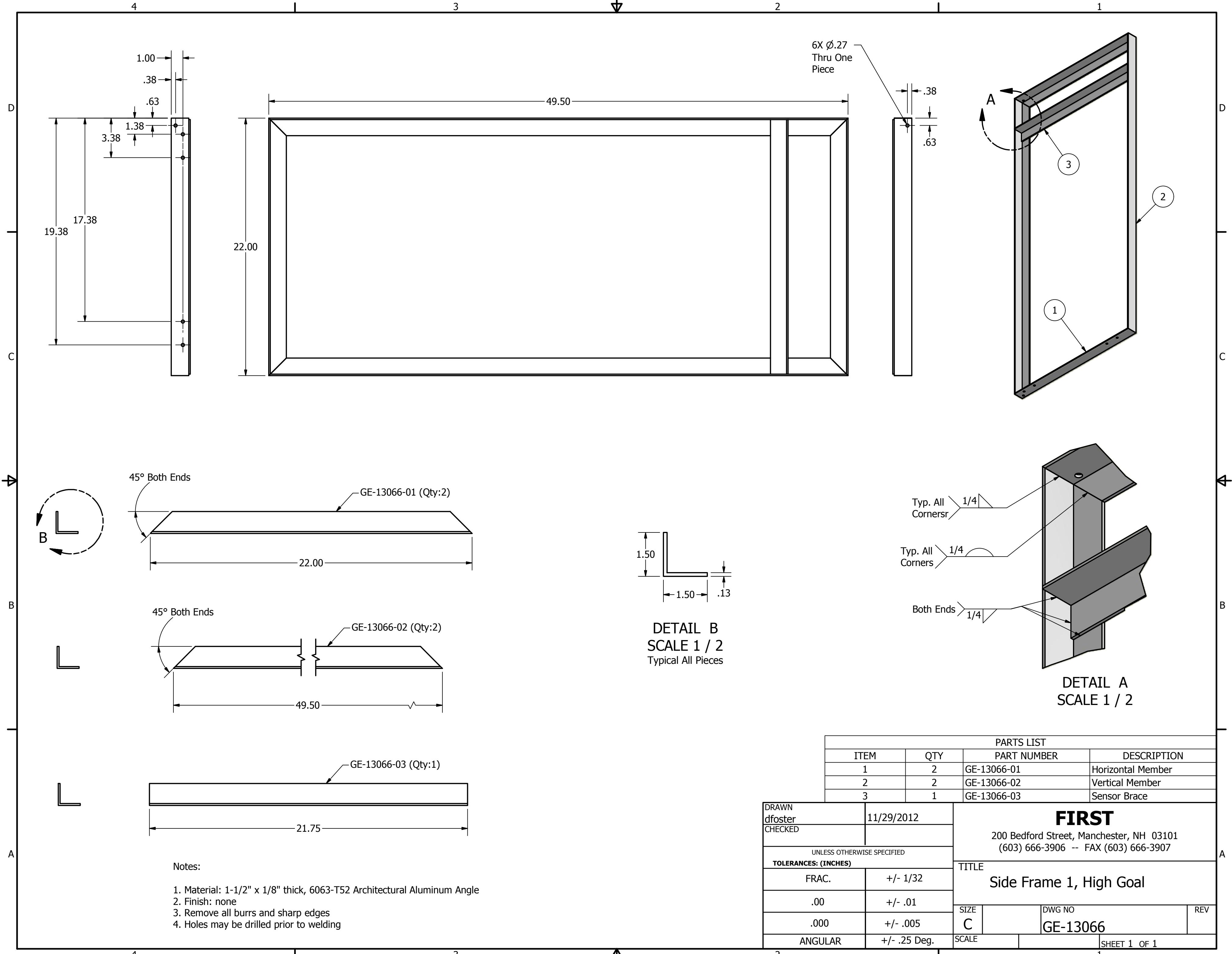
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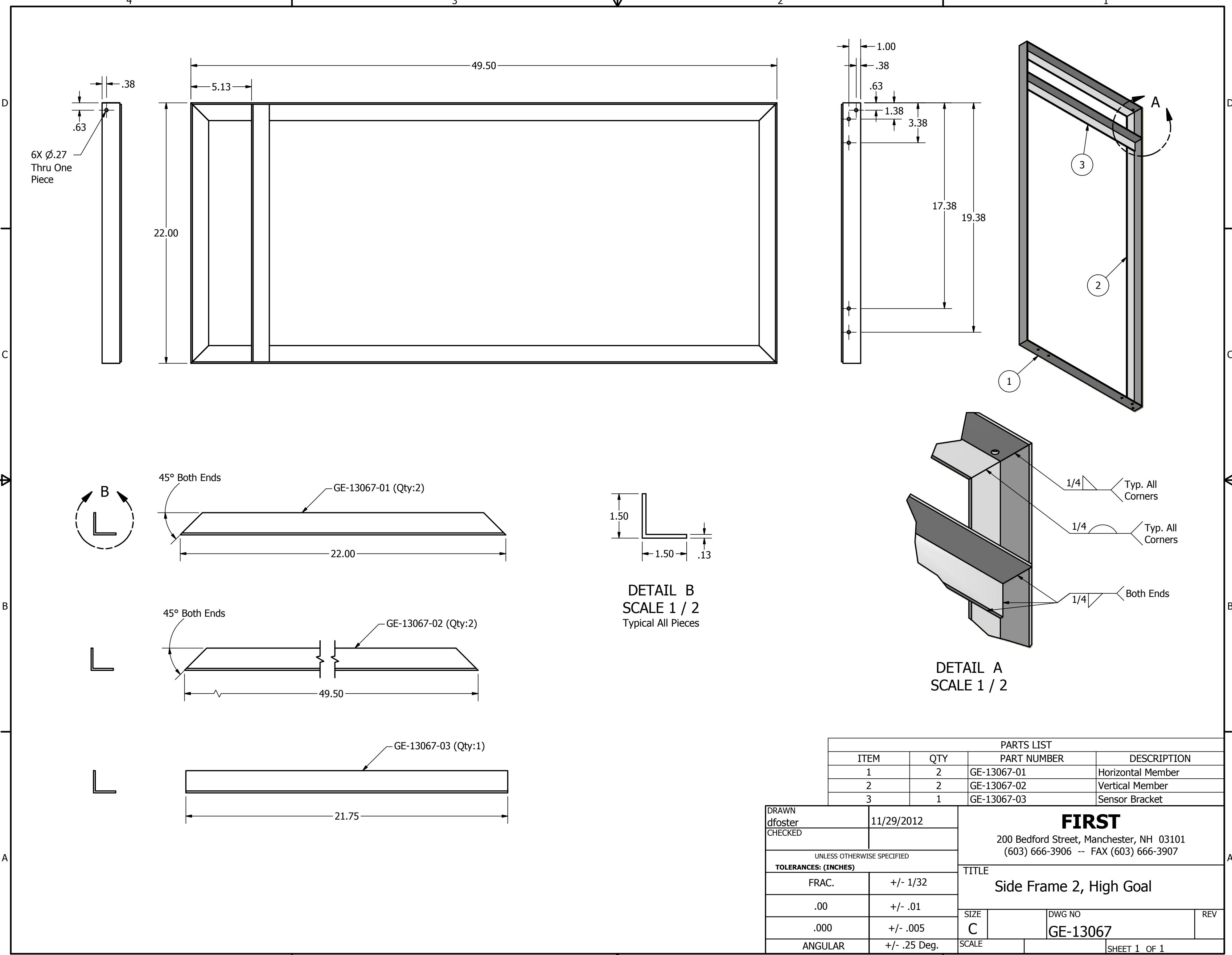
2

1

4







## REVISION HISTORY

ZONE	REV	DESCRIPTION	DATE	APPROVED
A-2	A	GE-13074 replaced by GE-13091	2/22/2013	DAF

D

D

C

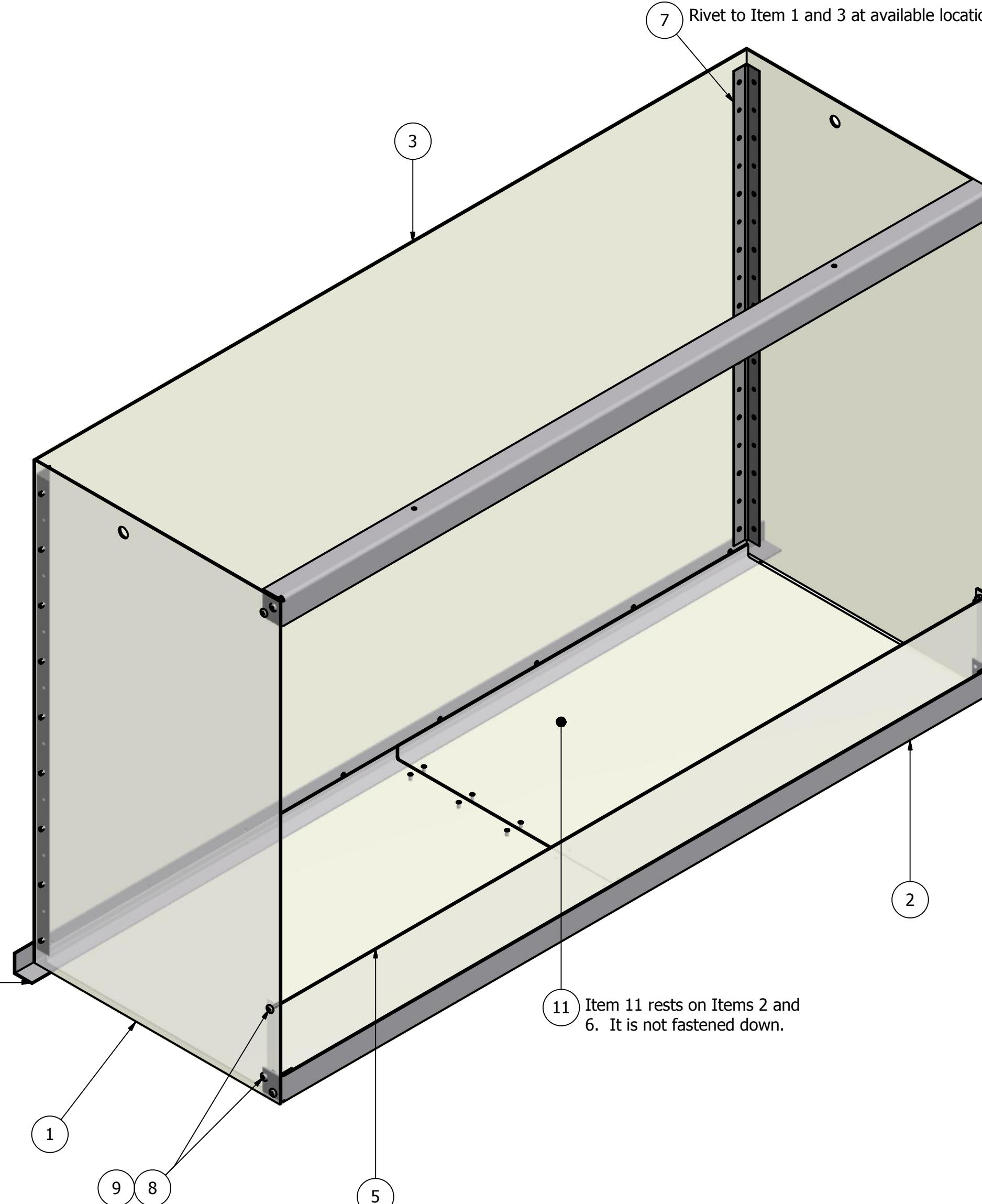
C

A

A

B

B



## Notes:

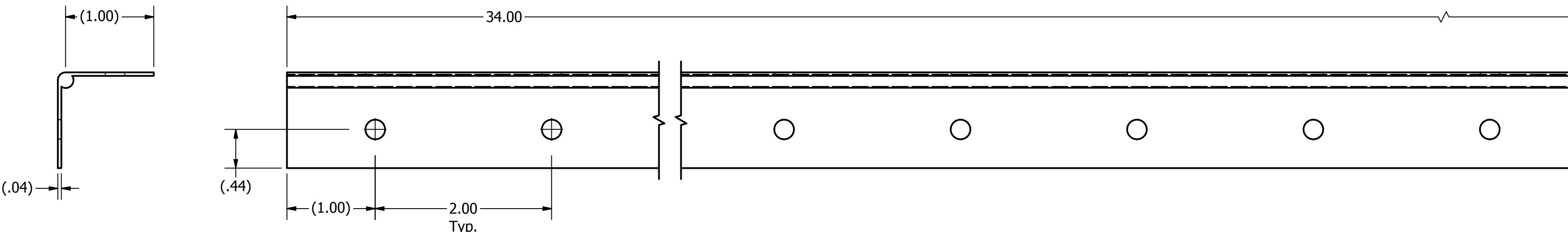
1. Item 7: Hinge, Goal Basket is used for packing purposes only.  
Angle or other material may be substituted if available.

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	GE-13069	Side, Goal Basket
2	2	GE-13037	Box Brace
3	1	GE-13070	Back, Middle Goal Basket
5	1	GE-13073	Front, Goal Basket
6	1	GE-13072	Bottom Angle, Goal Basket
7	2	GE-13068-02	Hinge, Goal Basket
8	10	HW-00015	1/4-20 x 3/4" Button head screw, zinc plated
9	10	HW-00002	Nut, Lock 1/4-20
10	44	HW-00010	Pop Rivet 3/16 Dia.
11	1	GE-13091	Bottom, Goal Basket, Assembly

DRAWN mcyr	12/21/2012	TITLE  Goal Basket
CHECKED		
UNLESS OTHERWISE SPECIFIED		
TOLERANCES: (INCHES)		
FRAC.	+/- 1/32	
.00	+/- .01	
.000	+/- .005	
ANGULAR	+/- .25 Deg.	SCALE
		DWG NO
		GE-13068
		REV
		A
SHEET 1 OF 2		

4 3 2 1

D



C

B

A

D

C

B

A

**Item:** GE-13068-02, Hinge, Goal Basket

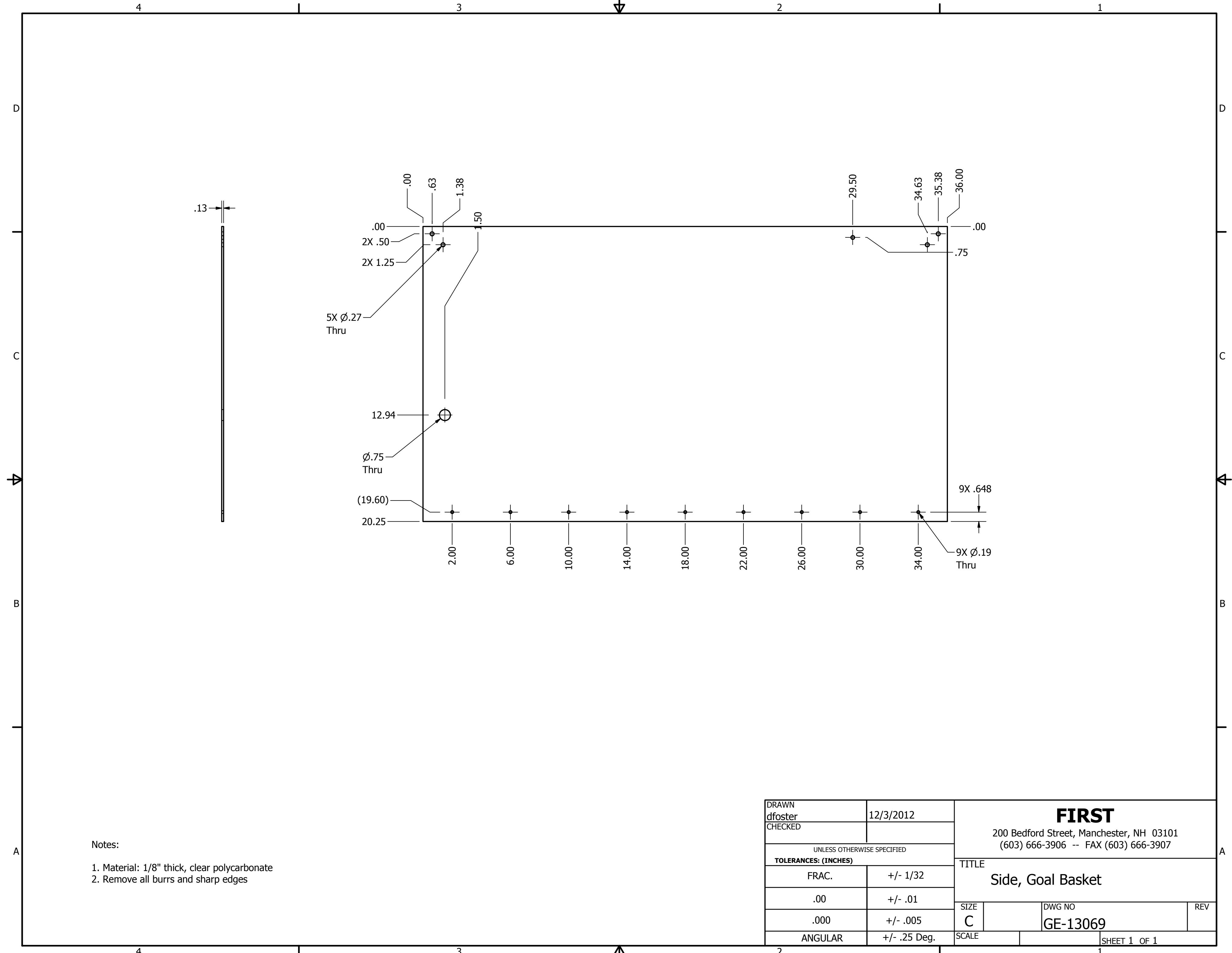
**Material:** 2" Hinge

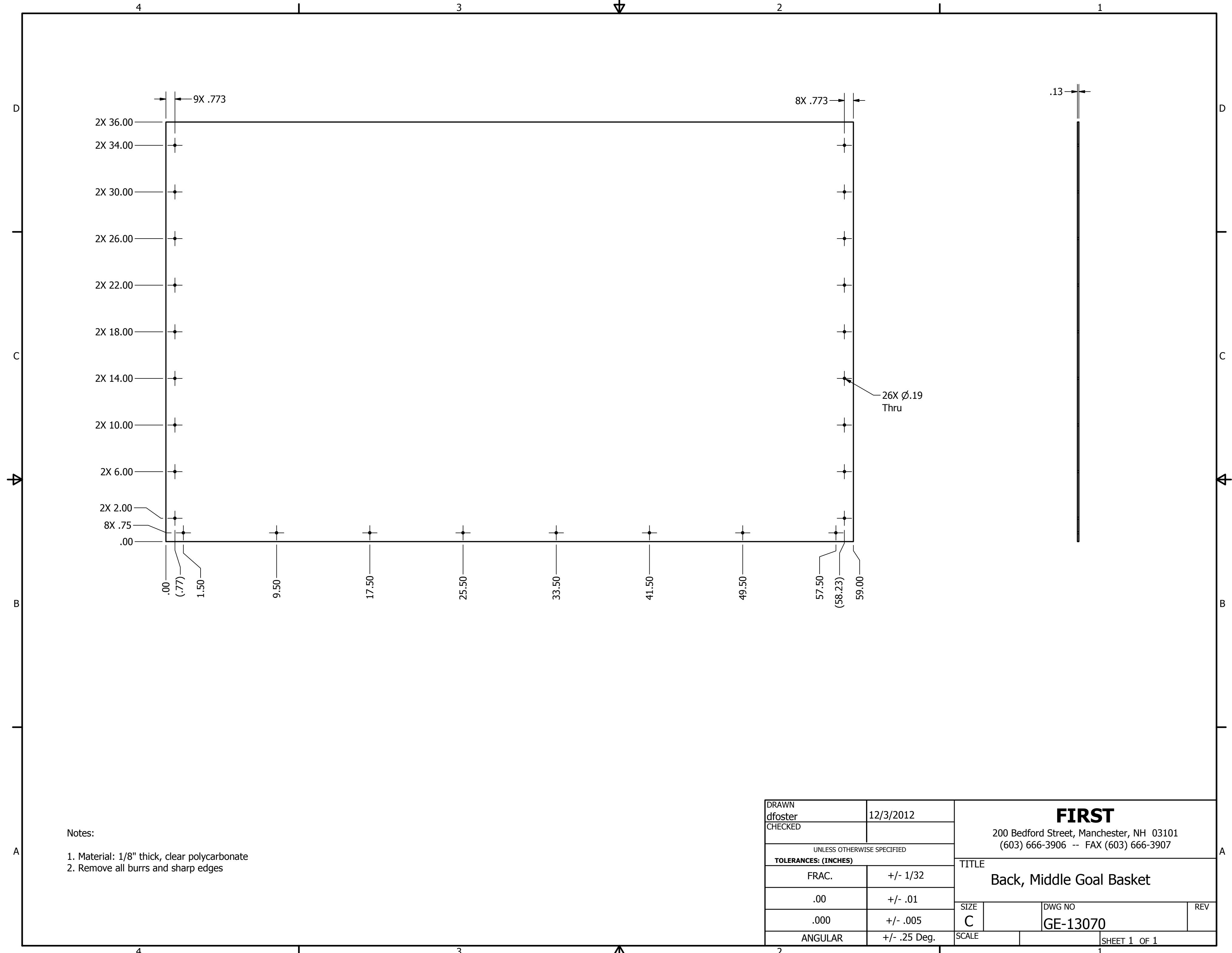
**QTY:** 2

**Scale:** 1/1

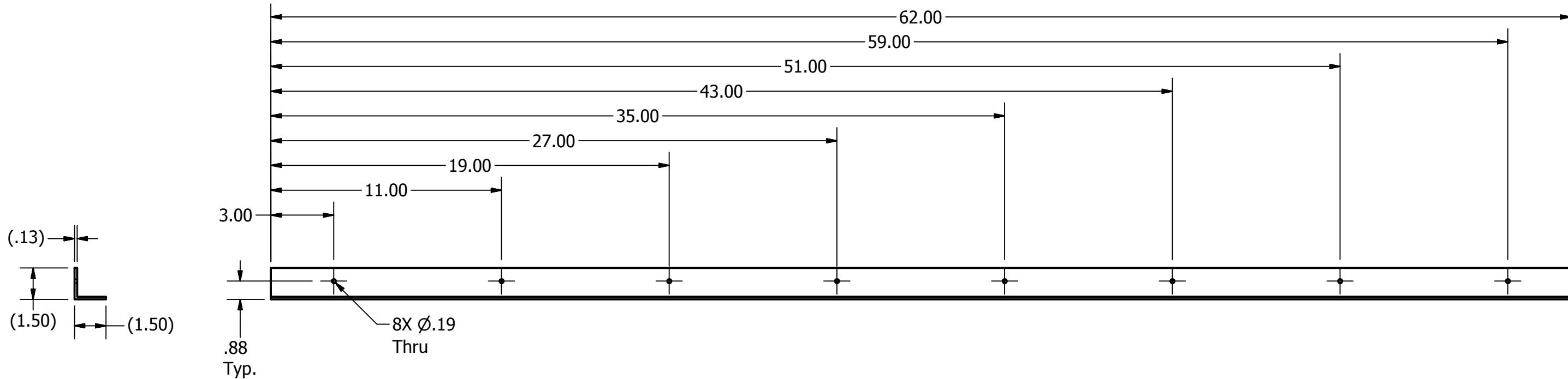
**Source:** [www.tchweb.com](http://www.tchweb.com) (P/N: #505-1965801) or similar

DRAWN mcyr	12/21/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
CHECKED							
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	+/- 1/32						
.00	+/- .01						
.000	+/- .005						
ANGULAR	+/- .25 Deg.	SCALE	DWG NO	REV			
			GE-13068	A			
			SHEET 2 OF 2				





4 | 3 | 2 | 1

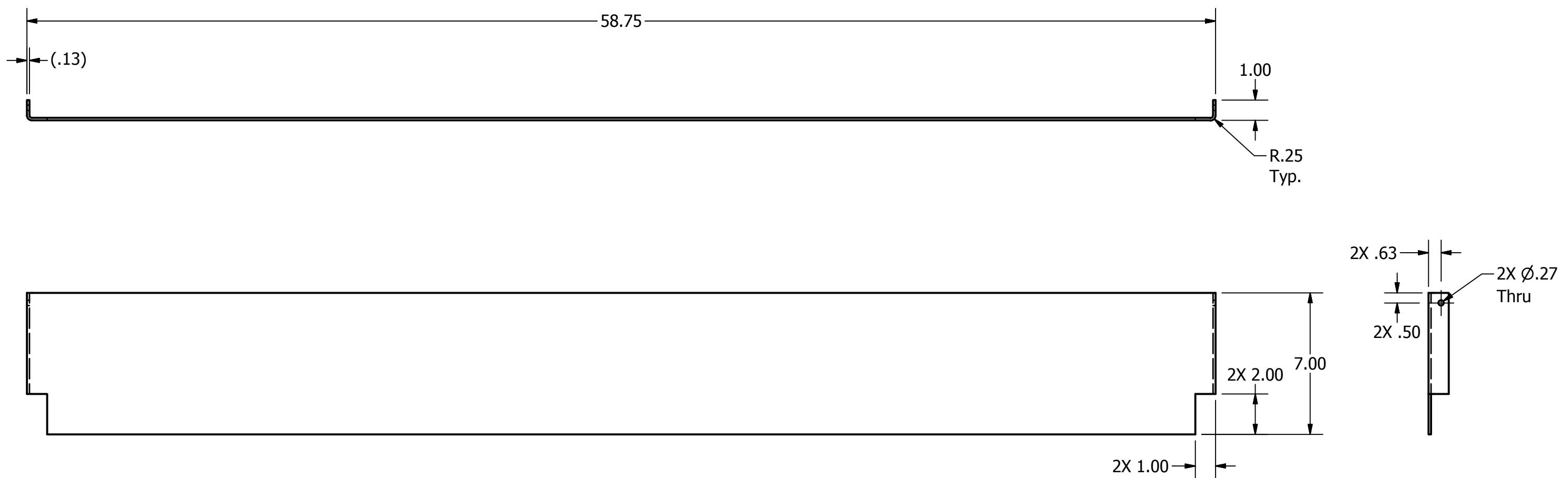


Notes:

1. Material: 1-1/2" x 1/8" thick, 6063-T52 Architectural Aluminum Angle
2. Finish: None
3. Remove all burrs and sharp edges

DRAWN dfoster	12/3/2012	<b>FIRST</b>			
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
UNLESS OTHERWISE SPECIFIED					
TOLERANCES: (INCHES)		TITLE			
FRAC.	+/- 1/32	Bottom Angle, Goal Basket			
.00	+/- .01	SIZE	DWG NO	REV	
.000	+/- .005	B	GE-13072		
ANGULAR	+/- .25 Deg.	SCALE		SHEET 1 OF 1	

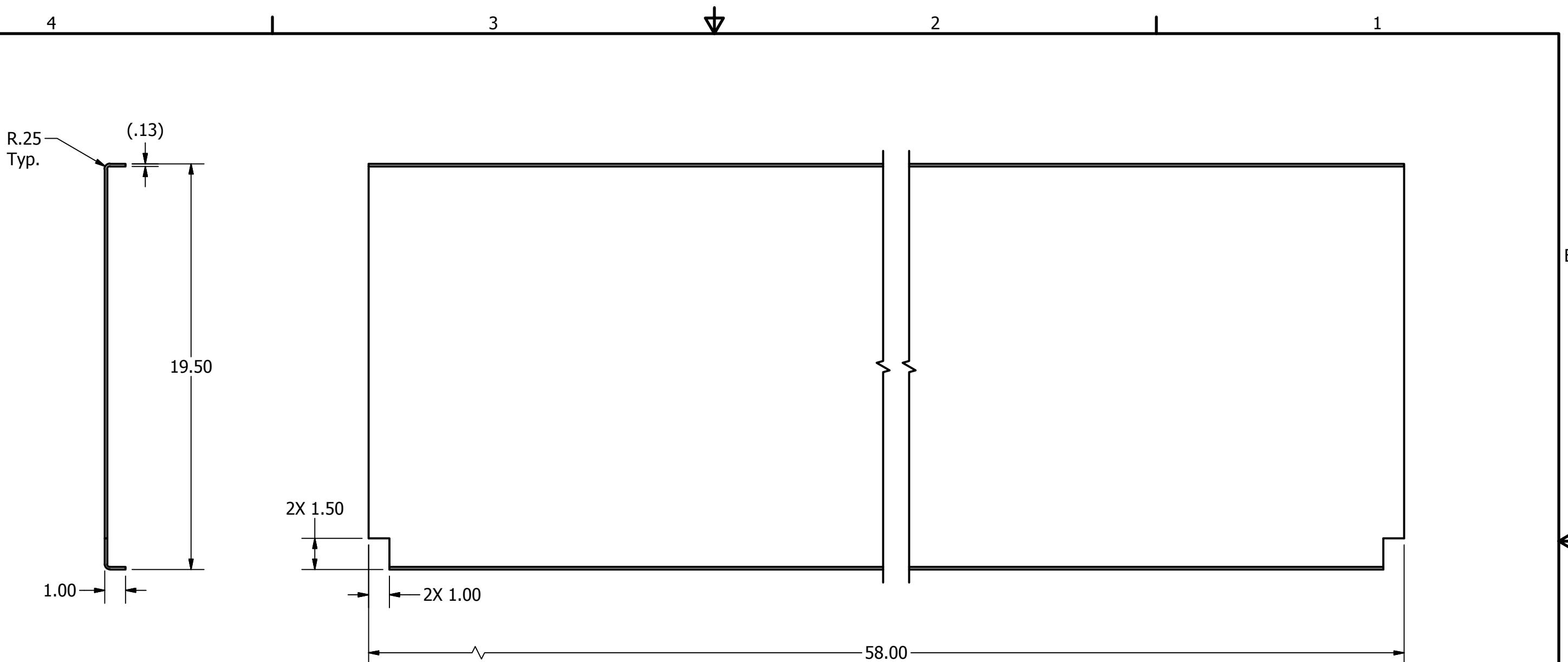
4 | 3 | 2 | 1



Notes:

1. Material: 1/8" thick, clear polycarbonate.
2. Remove all burrs and sharp edges.

DRAWN dfoster	12/3/2012	<b>FIRST</b>		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
TOLERANCES: (INCHES)		TITLE		
FRAC.	+/- 1/32	Front, Goal Basket		
.00	+/- .01	SIZE		
.000	+/- .005	B	DWG NO	
ANGULAR	+/- .25 Deg.	GE-13073		REV
		SCALE		SHEET 1 OF 1



Notes:

1. Material: 1/8" thick, clear polycarbonate.
2. Remove all burrs and sharp edges.

DRAWN dfoster	12/3/2012	<b>FIRST</b>					
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	+/- 1/32	<b>TITLE</b>					
.00	+/- .01	Bottom, Goal Basket					
.000	+/- .005	SIZE	DWG NO	REV			
ANGULAR	+/- .25 Deg.	B	GE-13074				
SCALE			SHEET 1 OF 1				

4

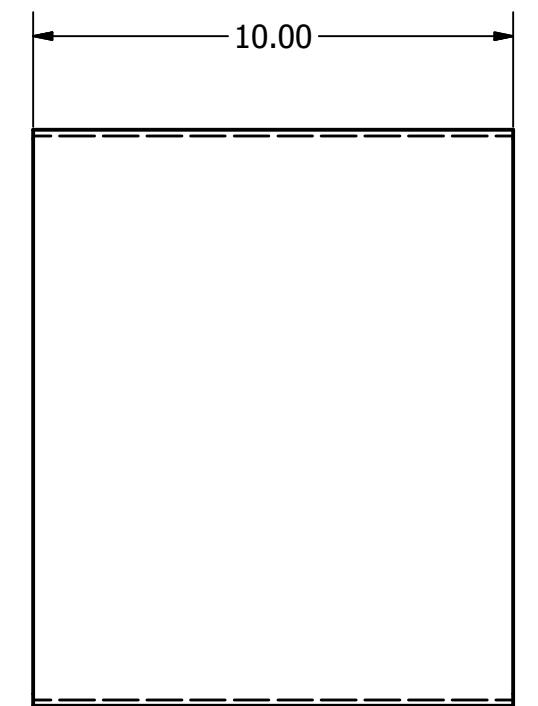
3

2

1

B

B



## Notes:

1. Material: 1/8" Coroplast, Red or Blue
2. Remove all burrs and sharp edges

DRAWN dfoster	12/29/2012	<b>FIRST</b>		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		TITLE		
FRAC.	+/- 1/32	Cover, Slide		
.00	+/- .01	SIZE		
.000	+/- .005	B	DWG NO	
ANGULAR	+/- .25 Deg.	GE-13075		
SCALE		SHEET 1 OF 1		REV

4

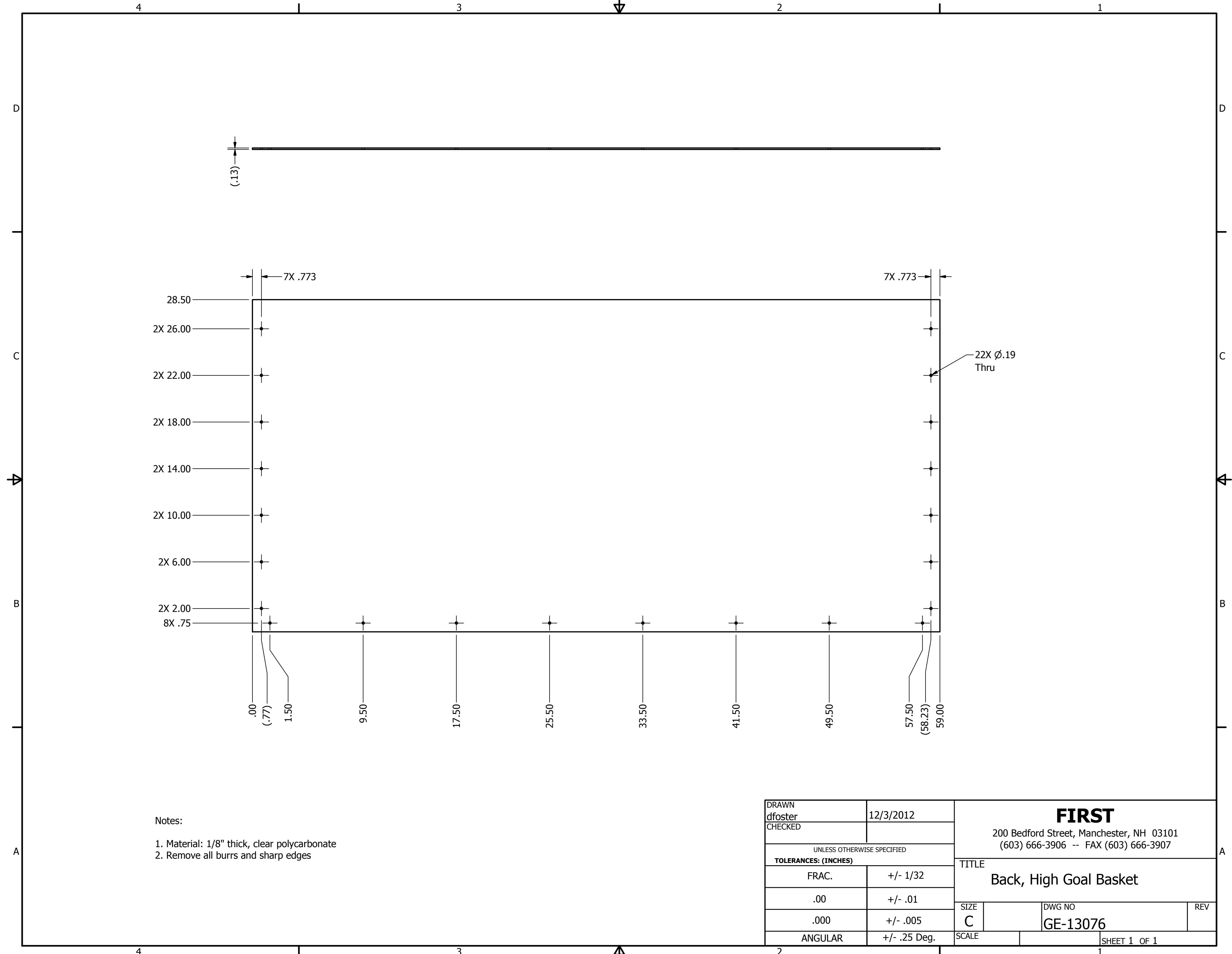
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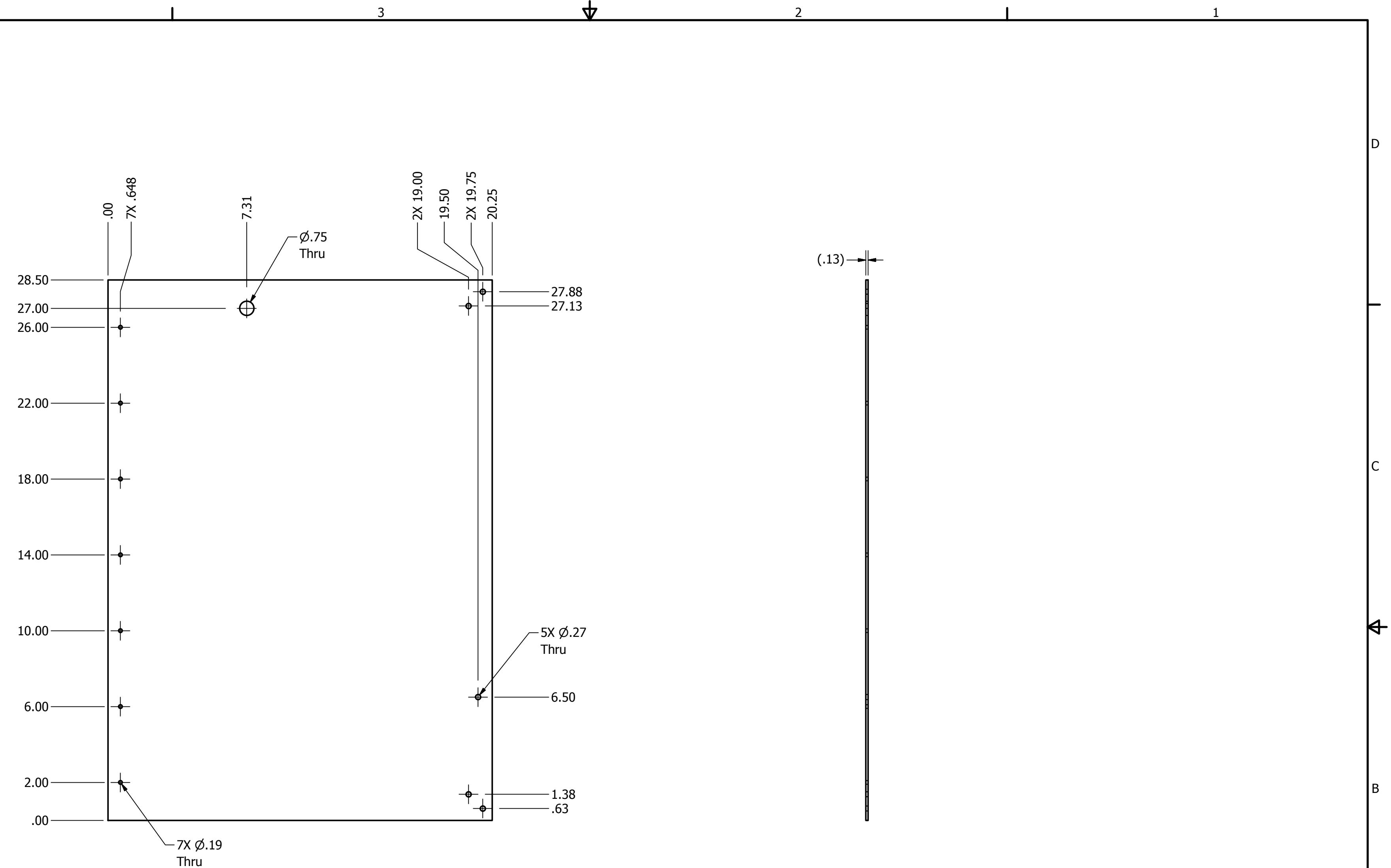
2

1

A

A





Notes:

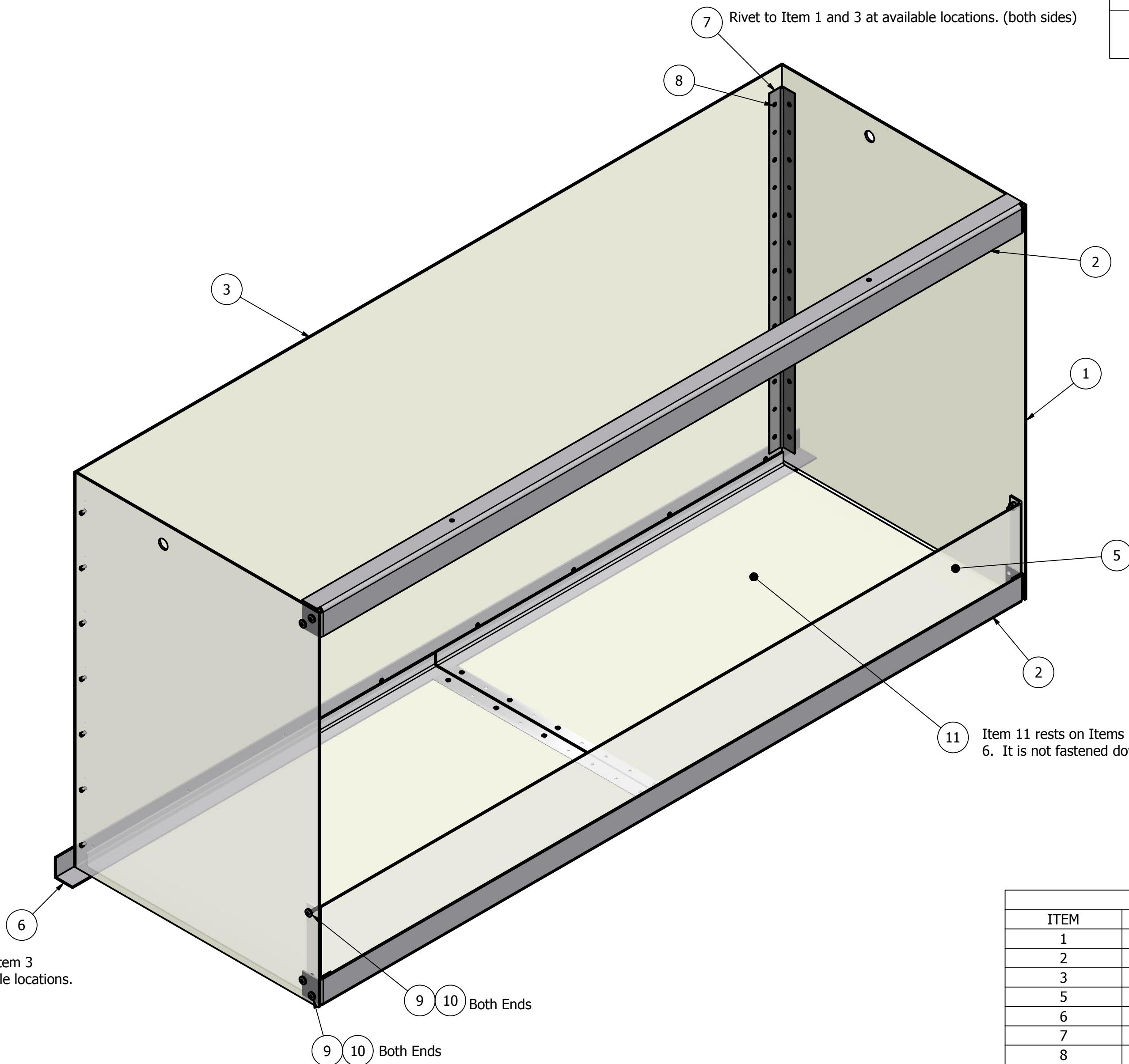
1. Material: 1/8" thick, clear polycarbonate
2. Remove all burrs and sharp edges

DRAWN dfoster	12/3/2012	FIRST		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
TOLERANCES: (INCHES)		TITLE		
FRAC.	+/- 1/32	Side, High Goal Basket		
.00	+/- .01	SIZE		
.000	+/- .005	DWG NO		
ANGULAR	+/- .25 Deg.	SCALE		REV
				SHEET 1 OF 1

4 3 2 1

Rivet to Item 1 and 3 at available locations. (both sides)

REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
A-2	A	GE-13074 was replaced by GE-13091	2/22/2013	DAF

Rivet to Item 3  
at available locations.9 10 Both Ends  
9 10 Both Ends

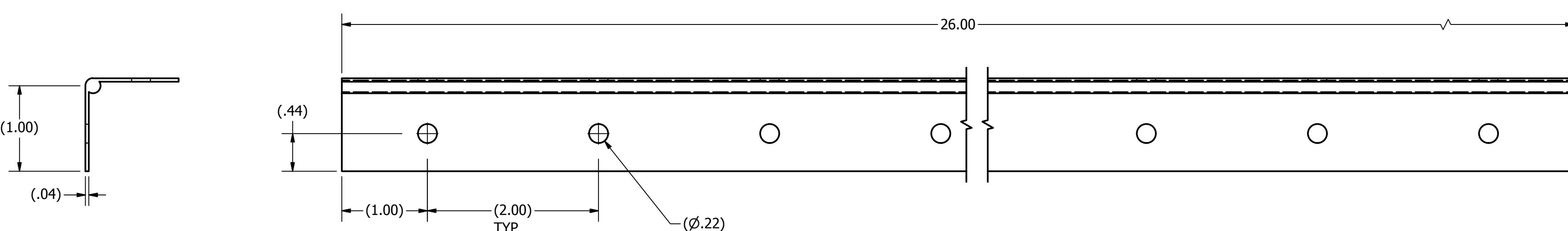
## Notes:

1. Item 7: Hinge, High Goal Basket is used for packing purposes only. Angle or other material may be substituted if available.

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	GE-13077	Side, High Goal Basket
2	2	GE-13037	Box Brace
3	1	GE-13076	Back, High Goal Basket
5	1	GE-13073	Front, Goal Basket
6	1	GE-13072	Bottom Angle, Goal Basket
7	2	GE-13078-01	Hinge, High Goal Basket
8	36	HW-00010	Pop Rivet 3/16 Dia.
9	10	HW-00015	1/4-20 x 3/4" Button head screw, zinc plated
10	10	HW-00002	Nut, Lock 1/4-20
11	1	GE-13091	Bottom, Goal Basket, Assembly

DRAWN dfoster	12/29/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED			
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)			
FRAC.	+/- 1/32		
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.	SCALE	DWG NO <b>GE-13078</b>
			REV <b>A</b>
			SHEET 1 OF 2

4 3 2 1



**Item:** GE-13078-01, Hinge, High Goal Basket

**Material:** 2" Hinge

**QTY:** 2

**Scale:** 1/1

**Source:** www.tchweb.com (P/N: #505-1965801) or similar

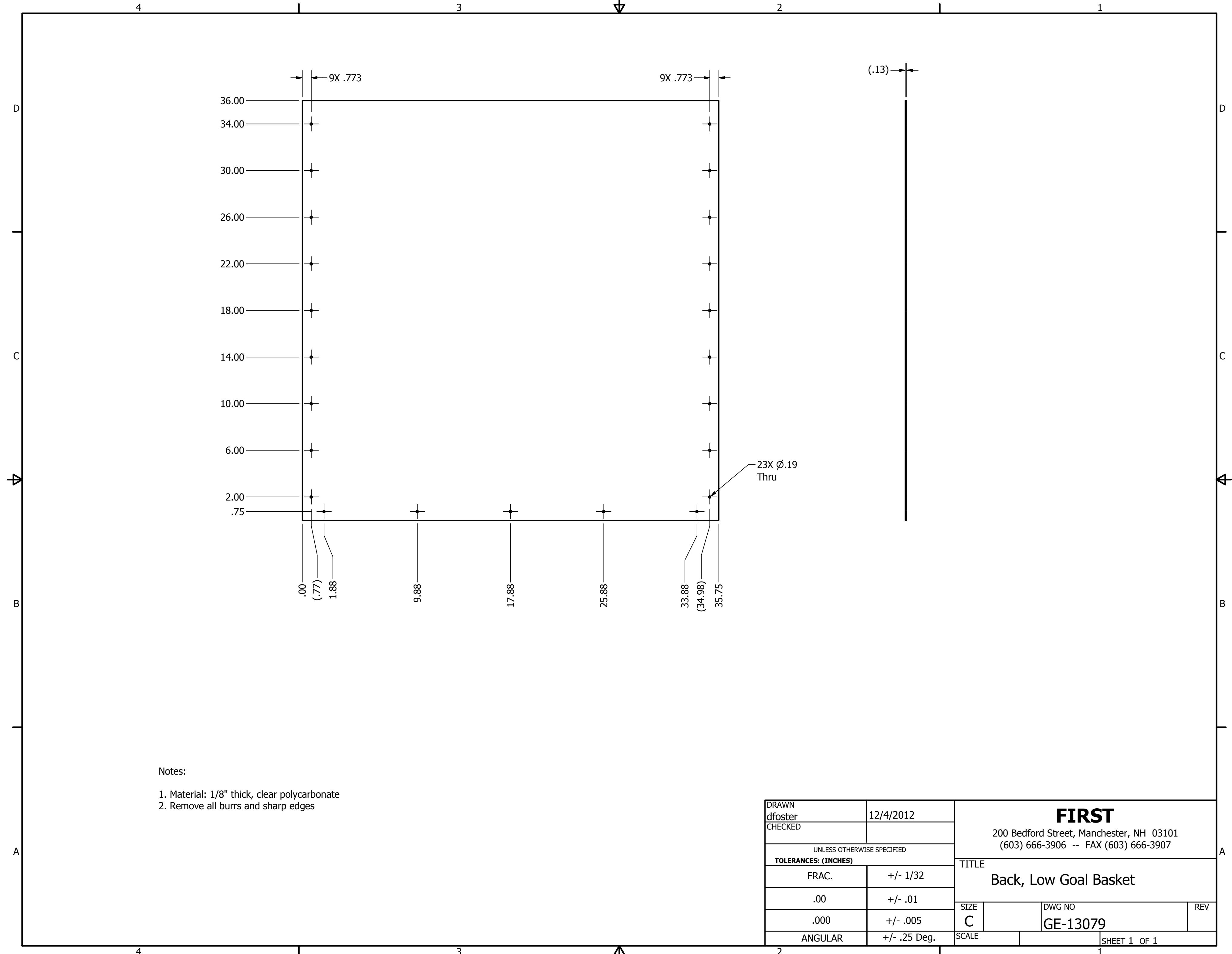
DRAWN dfoster	12/29/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
CHECKED							
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	+/- 1/32						
.00	+/- .01						
.000	+/- .005						
ANGULAR	+/- .25 Deg.	SCALE	DWG NO	REV			
			GE-13078	A			
			SHEET 2 OF 2				

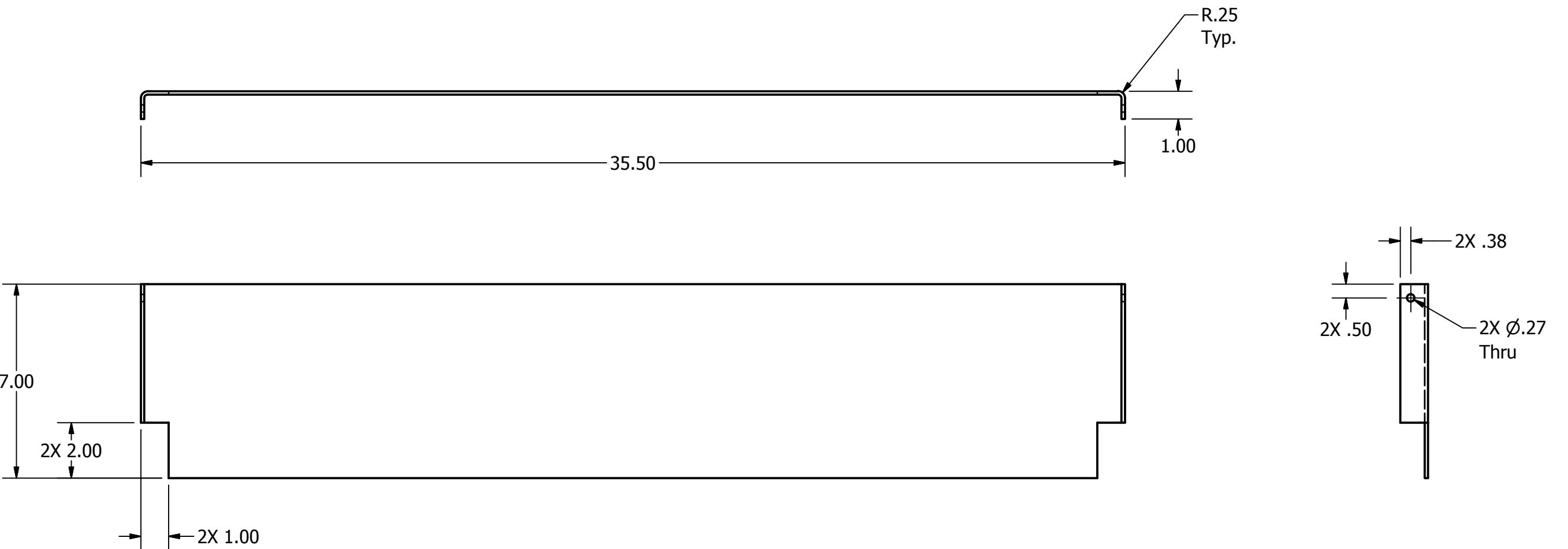
4

3

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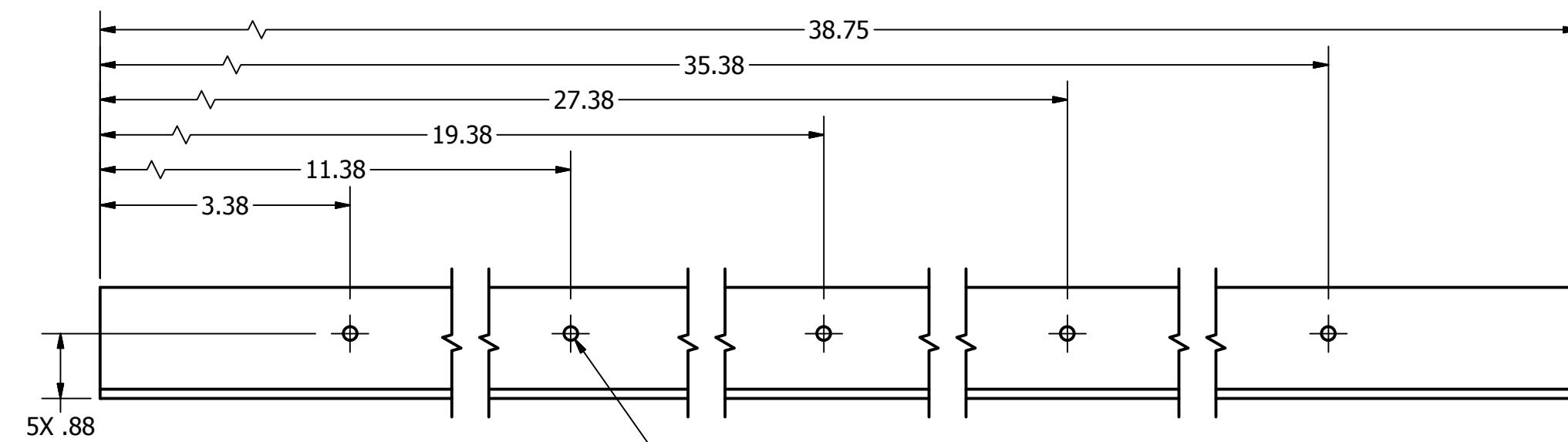
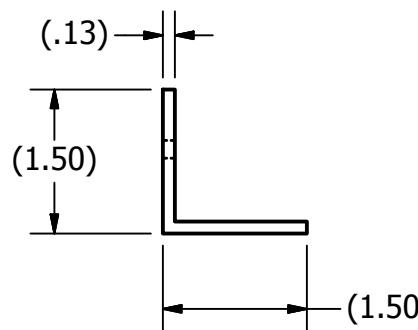


Notes:

1. 1/8" thick, clear polycarbonate
2. Remove all burrs and sharp edges

DRAWN dfoster	12/4/2012	<b>FIRST</b>					
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	+/- 1/32	<b>TITLE</b>					
.00	+/- .01	Front, Low Goal Basket					
.000	+/- .005	SIZE	DWG NO	REV			
ANGULAR	+/- .25 Deg.	B	GE-13080				
SCALE				SHEET 1 OF 1			

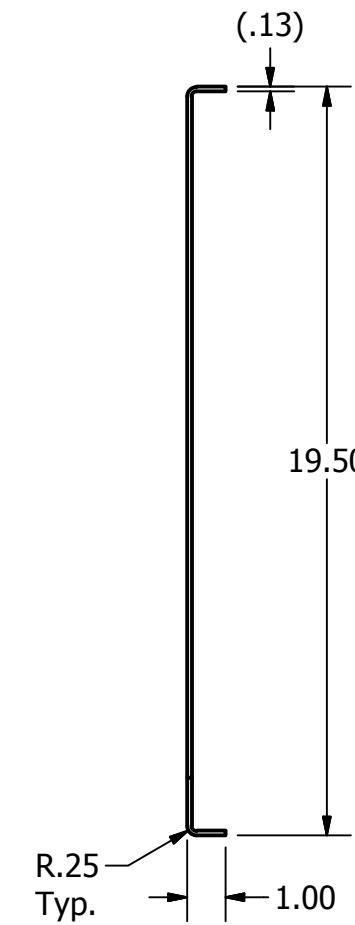
4 3 2 1



DRAWN dfoster	12/4/2012	<b>FIRST</b>		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
TOLERANCES: (INCHES)		TITLE		
FRAC.	+/- 1/32	Angle, Low Goal Basket		
.00	+/- .01	SIZE		
.000	+/- .005	B	DWG NO	
ANGULAR	+/- .25 Deg.	GE-13081		REV
SCALE			SHEET 1 OF 1	

4 3 2 1

4 | 3 | 2 | 1

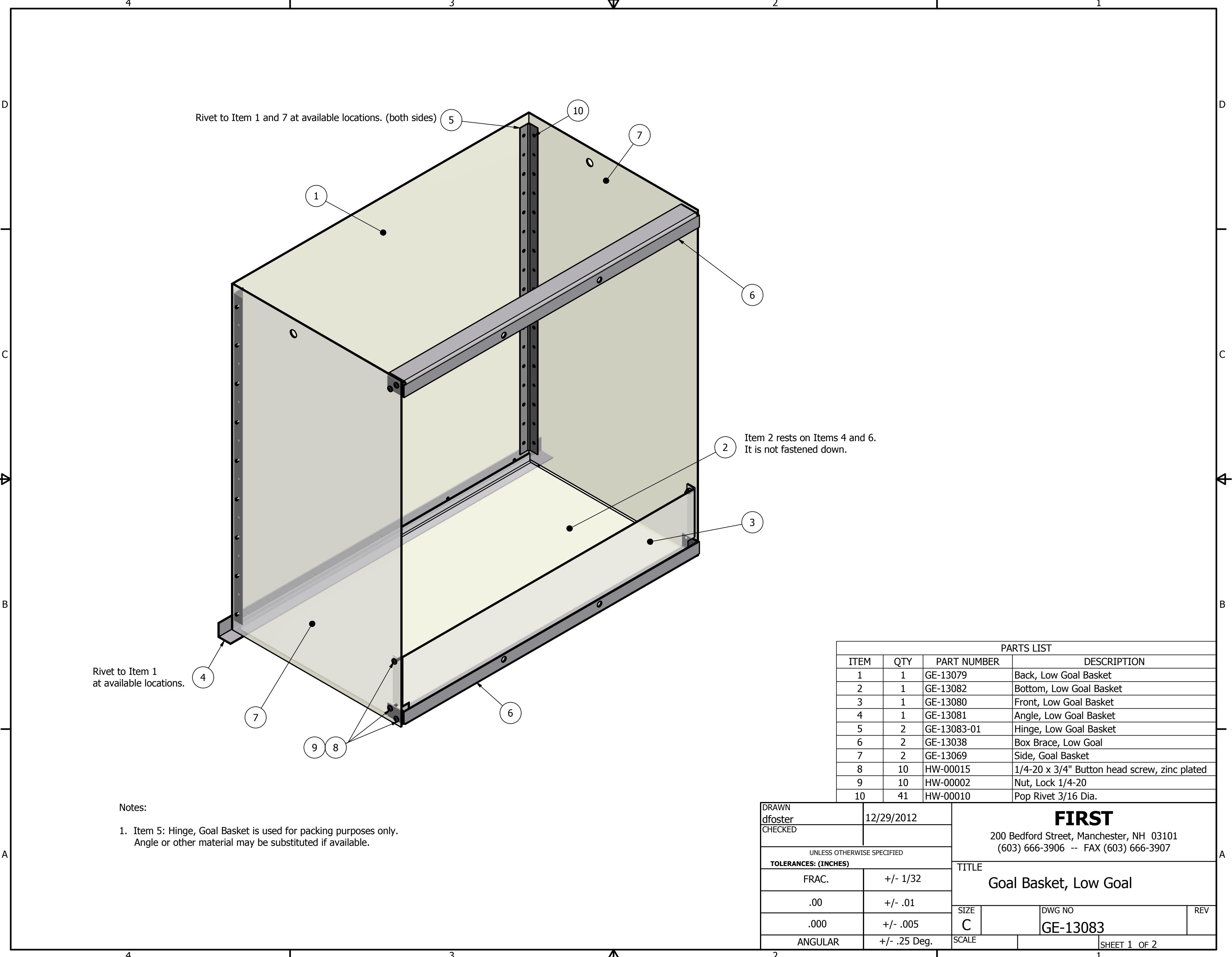


A Notes:

1. Material: 1/8" thick, clear polycarbonate
2. Remove all burrs and sharp edges

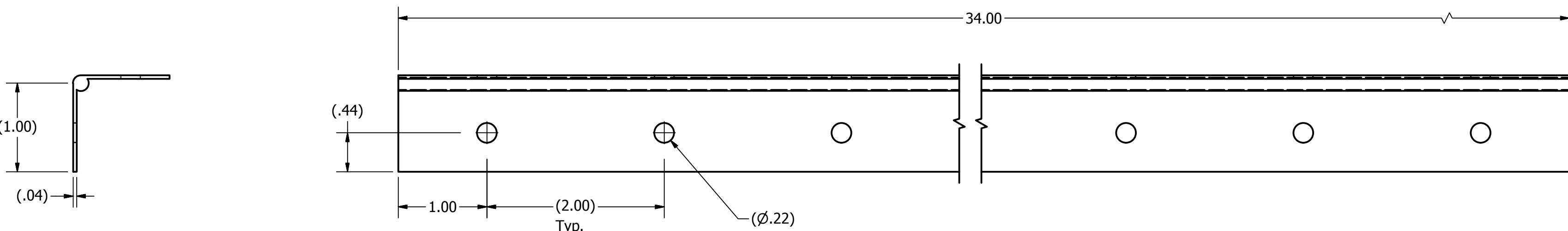
DRAWN dfoster	12/4/2012	<b>FIRST</b>					
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)							
FRAC.	+/- 1/32	TITLE					
.00	+/- .01	Bottom, Low Goal Basket					
.000	+/- .005	SIZE	DWG NO	REV			
ANGULAR	+/- .25 Deg.	B	GE-13082				
SCALE			SHEET 1 OF 1				

4 | 3 | 2 | 1



4 3 2 1

D



C

**Item:** GE-13083-01, Hinge, Low Goal Basket  
**Material:** 2" Hinge  
**QTY:** 2  
**Scale:** 1/1  
**Source:** www.tchweb.com (P/N: #505-1965801) or similar

B

B

A

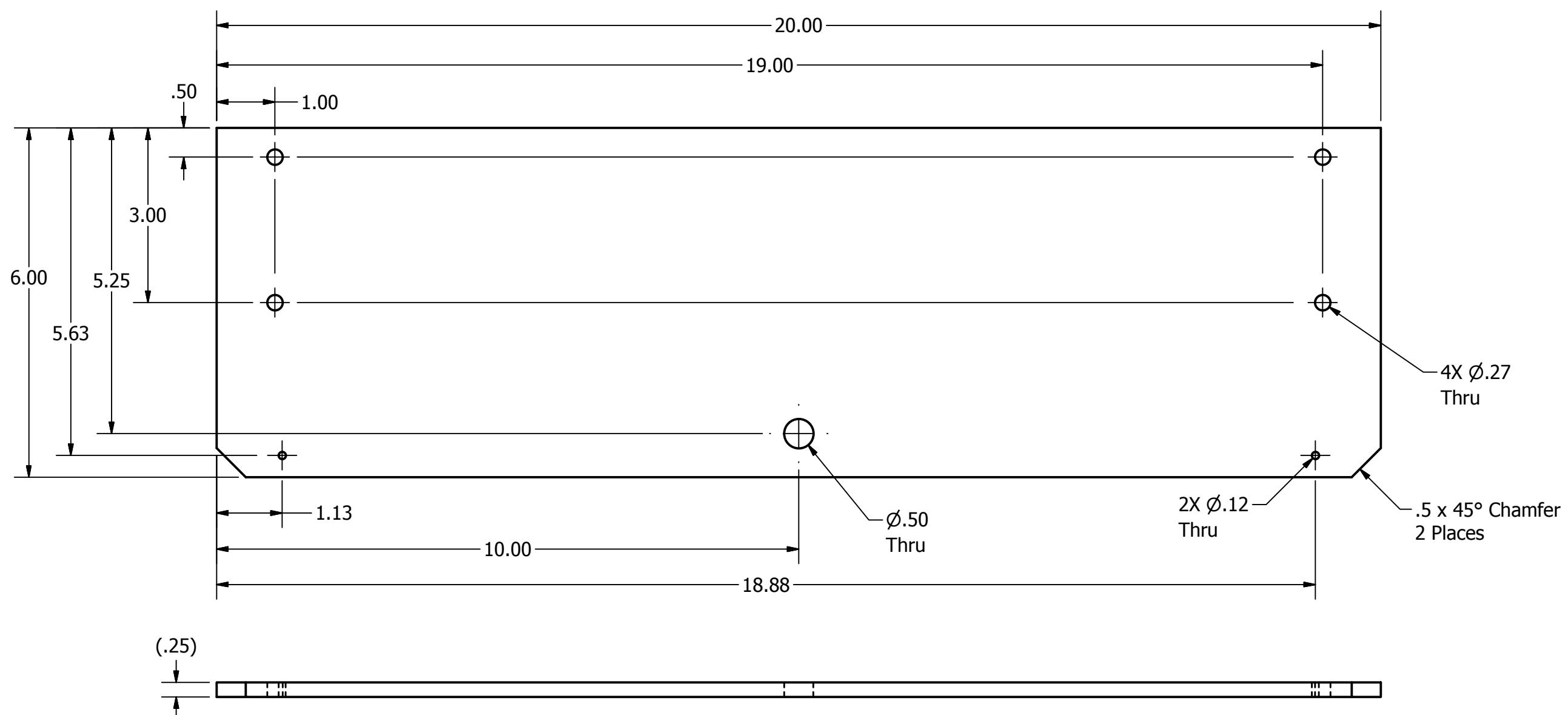
D

C

B

A

DRAWN dfoster	12/29/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
CHECKED							
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	+/- 1/32						
.00	+/- .01						
.000	+/- .005						
ANGULAR	+/- .25 Deg.	SCALE	DWG NO	REV			
			GE-13083				
			SHEET 2 OF 2				



Notes:

1. Material: 1/4" thick, clear polycarbonate
2. Remove all burrs and sharp edges

DRAWN dfoster	12/4/2012	<b>FIRST</b>		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
TOLERANCES: (INCHES)		TITLE		
FRAC.	+/- 1/32	Floor 2, Pyramid Goal		
.00	+/- .01	SIZE	DWG NO	REV
.000	+/- .005	B	GE-13084	
ANGULAR	+/- .25 Deg.	SCALE		SHEET 1 OF 1

4

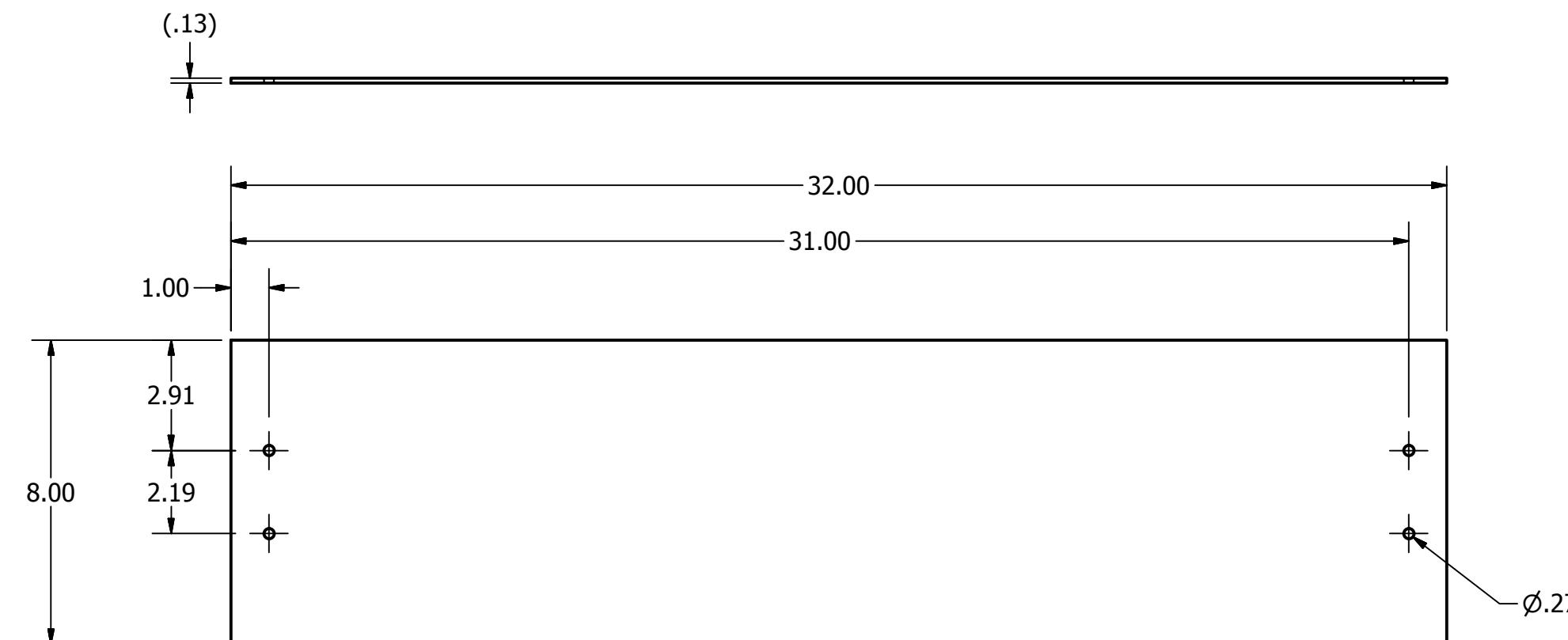
3

2

1

B

B



## Notes:

1. Material: 1/8" thk White HDPE
2. Remove all burrs and sharp edges
3. Alternate Material: 1/8 thick Hardboard

DRAWN  
dfoster

12/6/2012

CHECKED

UNLESS OTHERWISE SPECIFIED

## TOLERANCES: (INCHES)

FRAC.      +/- 1/32

.00      +/- .01

.000      +/- .005

ANGULAR      +/- .25 Deg.

**FIRST**200 Bedford Street, Manchester, NH 03101  
(603) 666-3906 -- FAX (603) 666-3907

## TITLE

End Panel Reflector

SIZE

B

DWG NO

GE-13085

REV

SHEET 1 OF 1

4

3

2

1

4

4 3 2 1

D

D

C

C

B

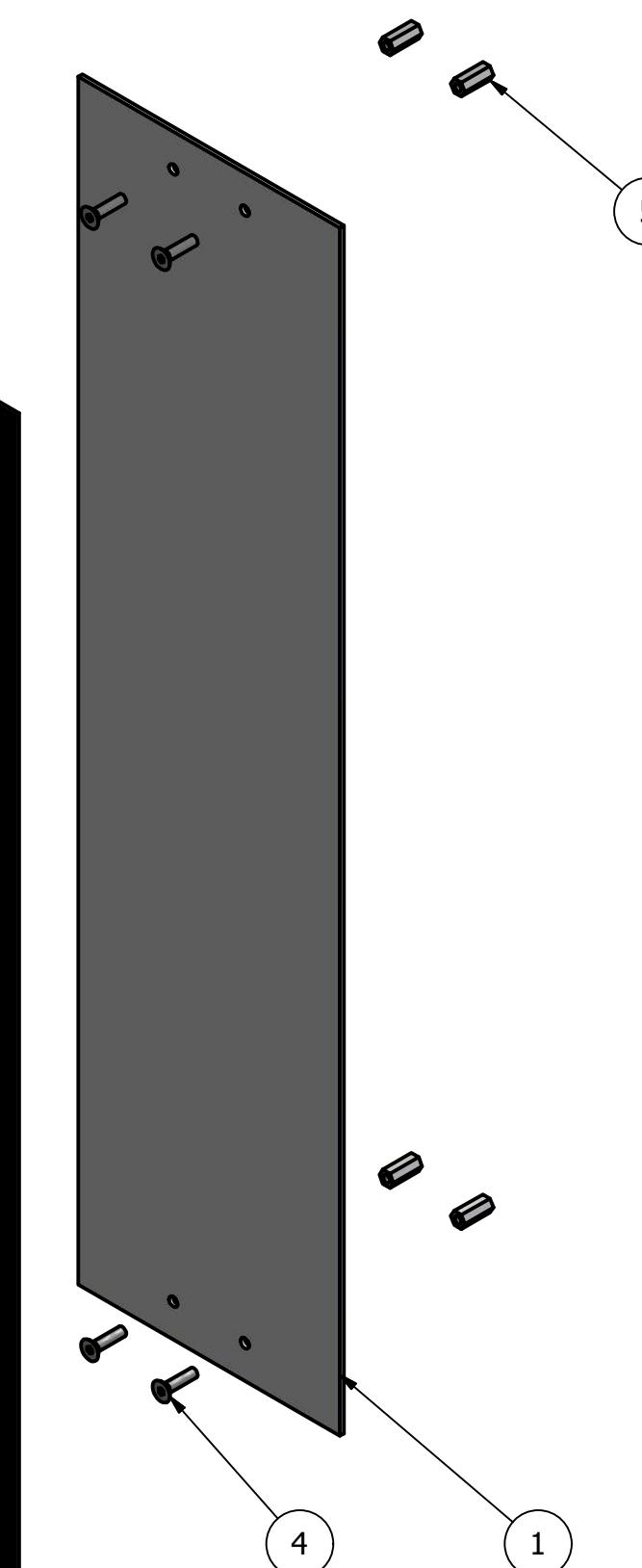
B

A

A

4" Wide Retro Reflective Material  
(3M 8830 Silver Marking Film)

2" Black Gaffers Tape



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-13085	End Panel Reflector
4	4	HW-00074	FHCS 1/4-20 x 1"
5	4	HW-00076	Coupling Nut, 1/4-20 x 7/8"

DRAWN dfoster	12/30/2012	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED			
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)			
FRAC.	+/- 1/32		
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.	SCALE	DWG NO
			GE-13086
		REV	
			SHEET 1 OF 1

4 3 2 1

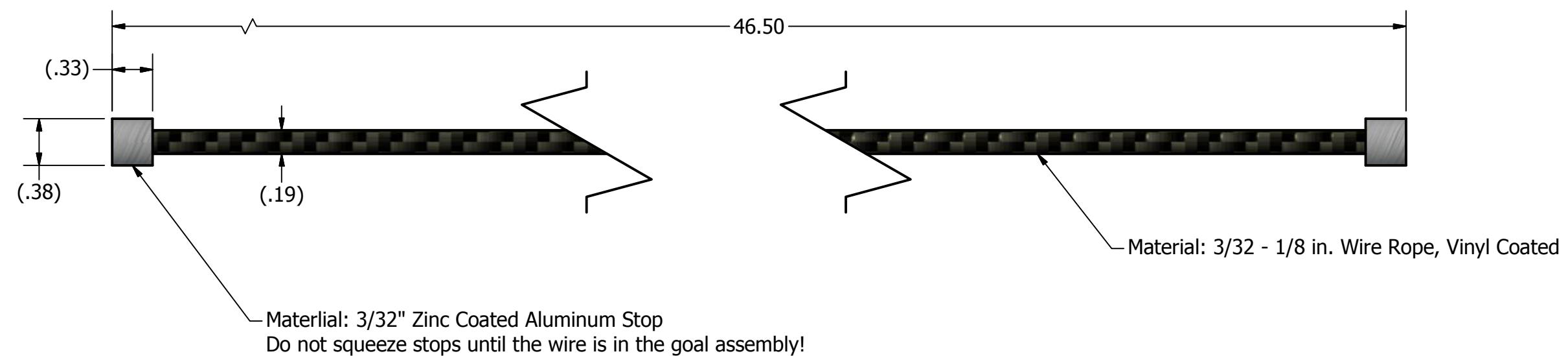
3

2

1

1

4 | 3 | 2 | 1



Notes:

1. Leave stops loose until assembly is placed into a goal.

DRAWN dfoster	2/22/2013	<b>FIRST</b>					
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)							
FRAC.	+/- 1/32	TITLE					
.00	+/- .01	Cable Assembly					
.000	+/- .005	SIZE	DWG NO	REV			
ANGULAR	+/- .25 Deg.	B	GE-13089				
SCALE			SHEET 1 OF 1				

4 | 3 | 2 | 1

4

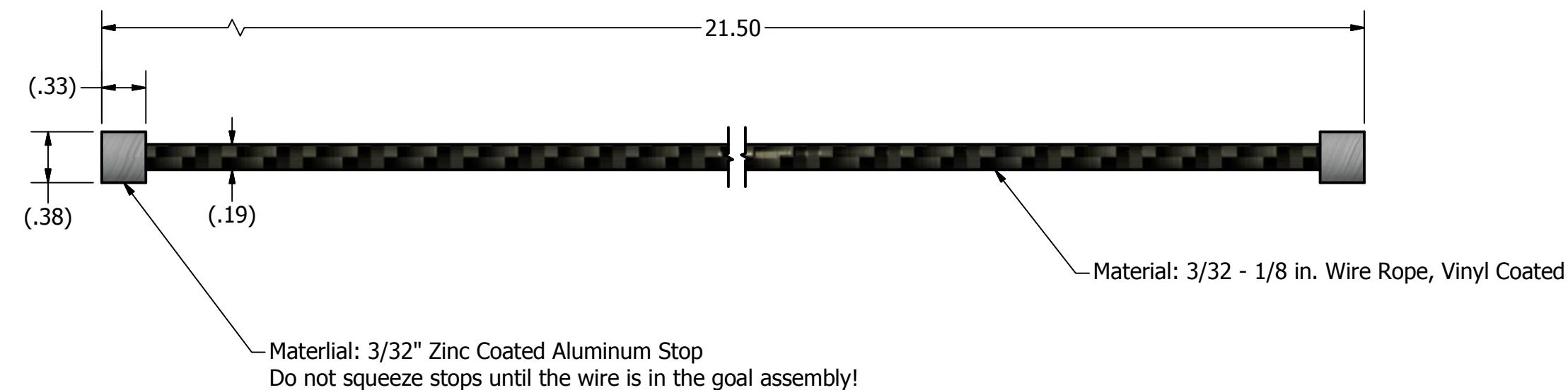
3

2

1

B

B



## Notes:

- Leave stops loose until assembly is placed into a goal.

DRAWN dfoster	2/22/2013	<b>FIRST</b>					
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)							
FRAC.	+/- 1/32	TITLE					
.00	+/- .01	Cable Assembly, Low Goal					
.000	+/- .005	SIZE	DWG NO	REV			
ANGULAR	+/- .25 Deg.	B	GE-13090				
		SCALE		SHEET 1 OF 1			

4

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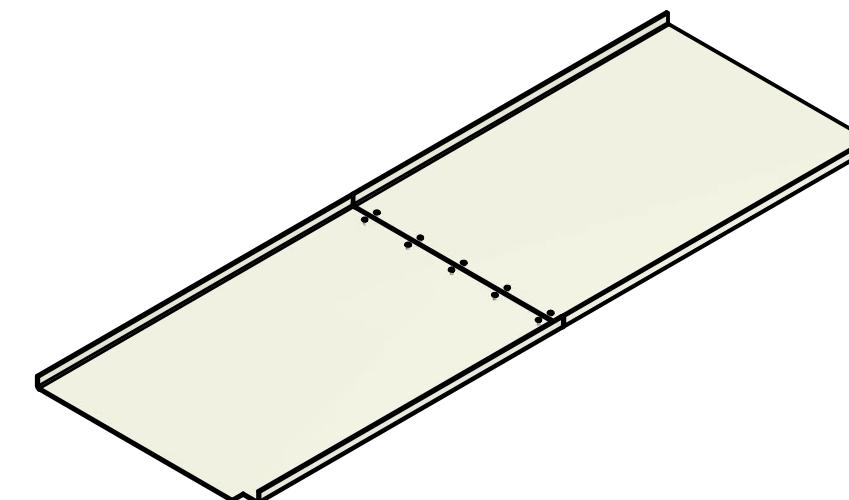
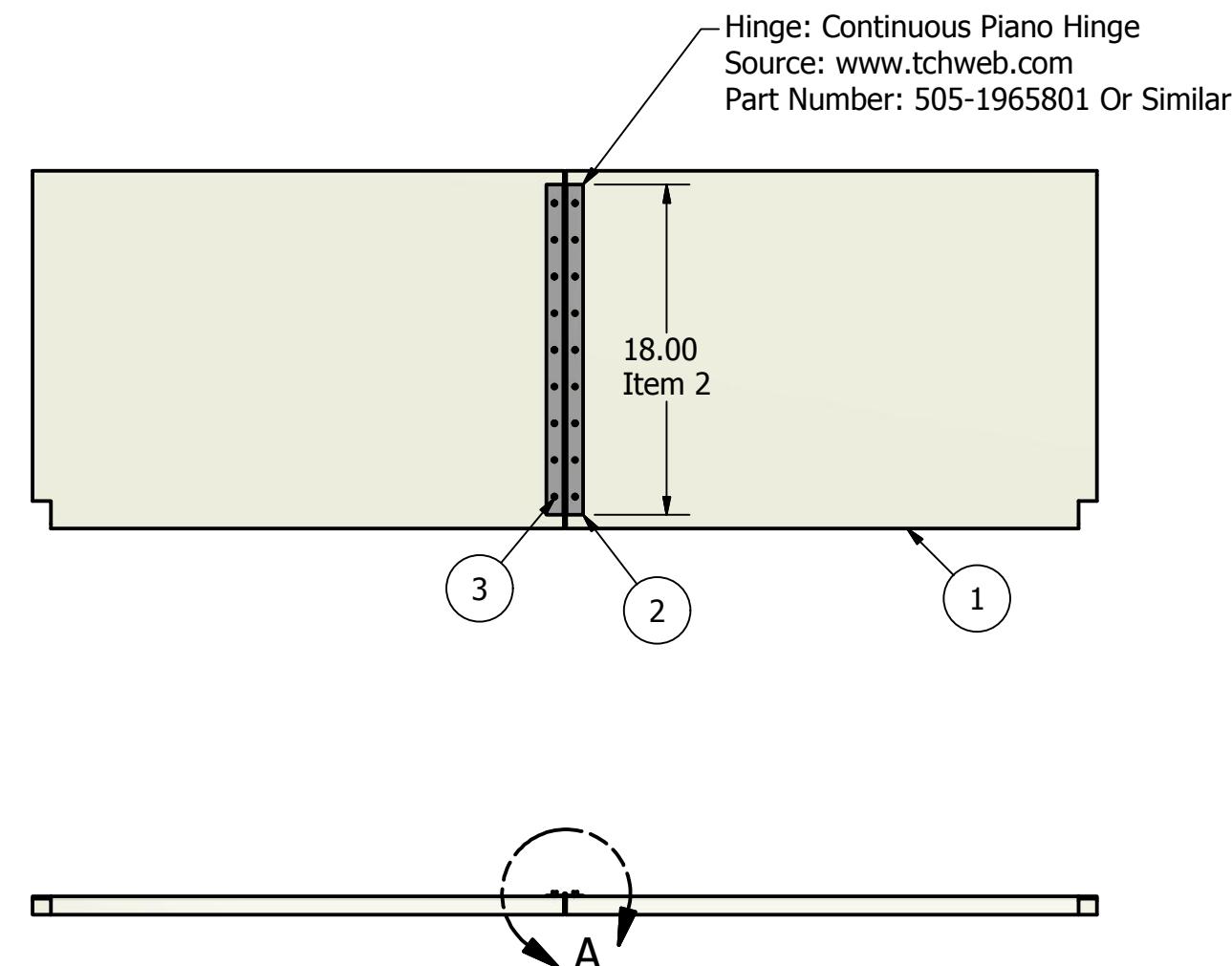
1

B

B

A

A



DETAIL A  
SCALE 1 / 4

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-13074	Bottom, Goal Basket
2	1	GE-13091-01	Hinge, Goal Basket
3	10	HW-00010	Pop Rivet 3/16 Dia.

DRAWN dfoster	2/22/2013	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED					
UNLESS OTHERWISE SPECIFIED					
TOLERANCES: (INCHES)					
FRAC.	+/- 1/32	TITLE Bottom, Goal Basket, Assembly			
.00	+/- .01				
.000	+/- .005	SIZE B	DWG NO GE-13091		
ANGULAR	+/- .25 Deg.	SCALE	REV		
			SHEET 1 OF 2		

4

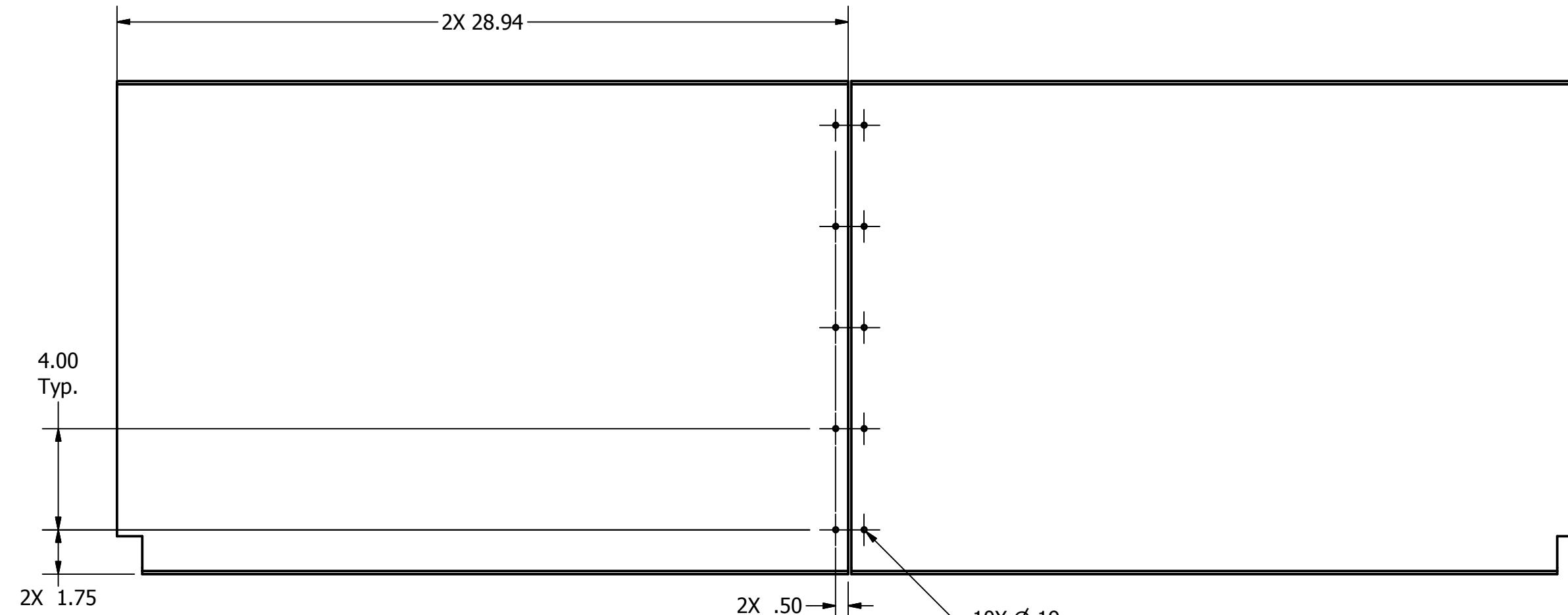
3

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4

4 | 3 | 2 | 1



Modify GE-13074 as shown.

DRAWN dfoster	2/22/2013	<b>FIRST</b>					
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)							
FRAC.	+/- 1/32	TITLE					
.00	+/- .01	Bottom, Goal Basket, Assembly					
.000	+/- .005	SIZE	DWG NO	REV			
ANGULAR	+/- .25 Deg.	B	GE-13091				
SCALE			SHEET 2 OF 2				

4 | 3 | 2 | 1

4

I

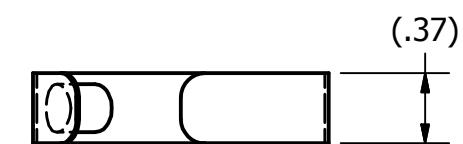
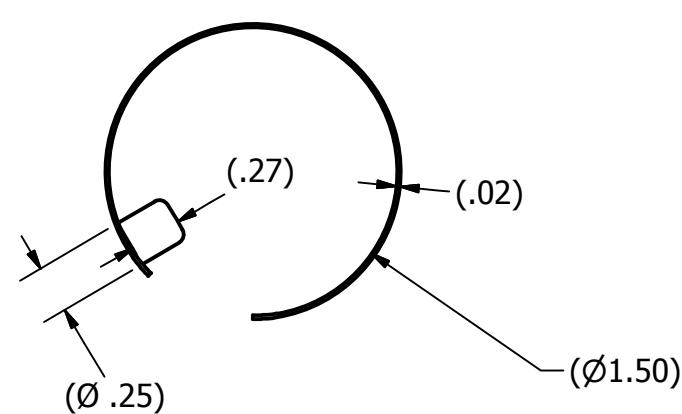
3

2

1

B

B



Vendor: Valco  
Website: [www.valcocleve.com](http://www.valcocleve.com)  
Part Number: CI-131  
Description: Snap Button, Inverted 1.5 OD Tube

DRAWN dfoster	2/22/2013	<b>FIRST</b>			
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
UNLESS OTHERWISE SPECIFIED					
TOLERANCES: (INCHES)					
FRAC.	$+\/- 1/32$	TITLE			
.00	$+\/- .01$	Snap Button, Inverted 1.5 OD Tube			
.000	$+\/- .005$	SIZE	DWG NO	REV	
ANGULAR	$+\/- .25$ Deg.	B	HW-00080		
		SCALE		SHEET 1 OF 1	

4

3

2

1