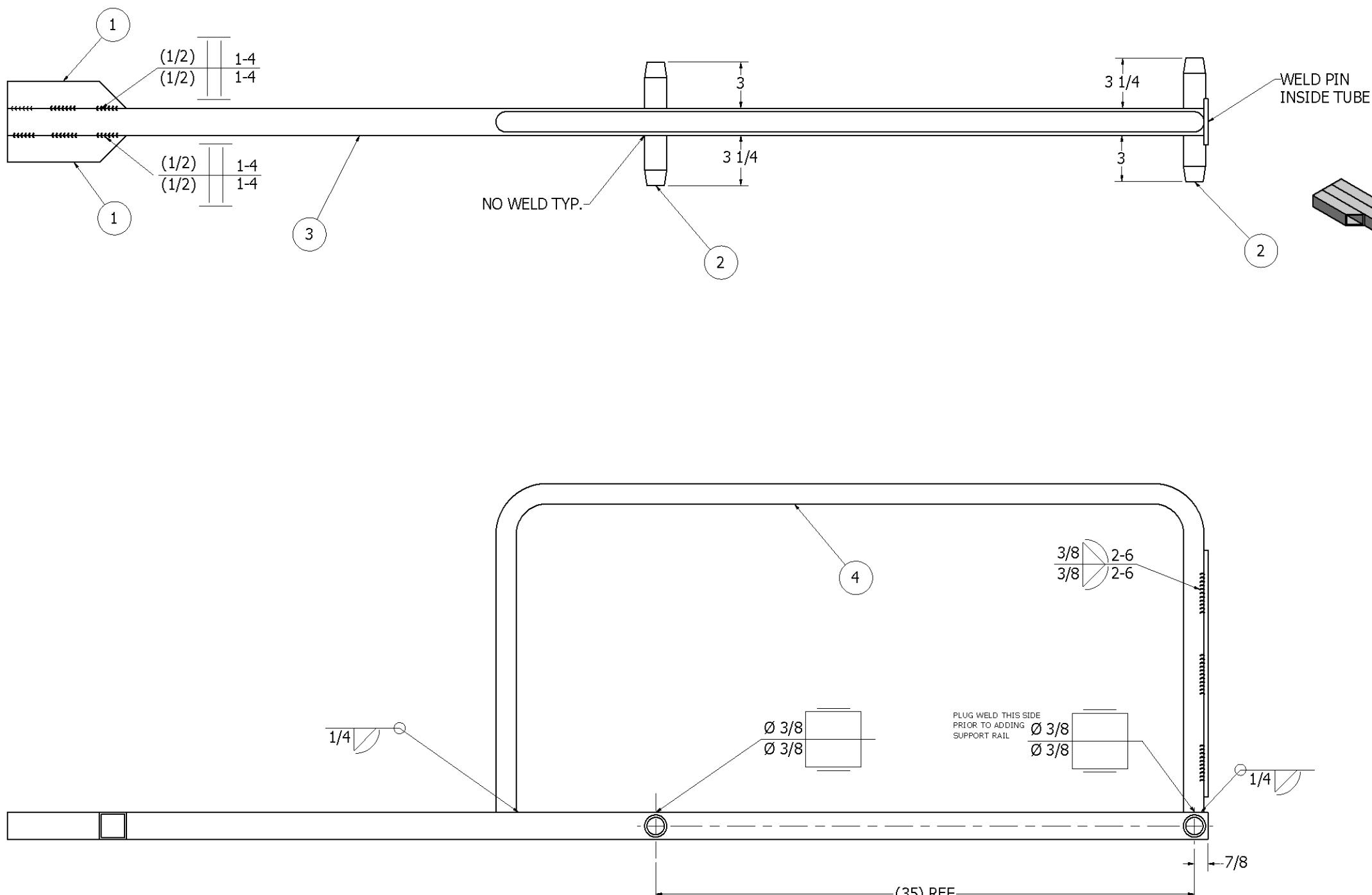


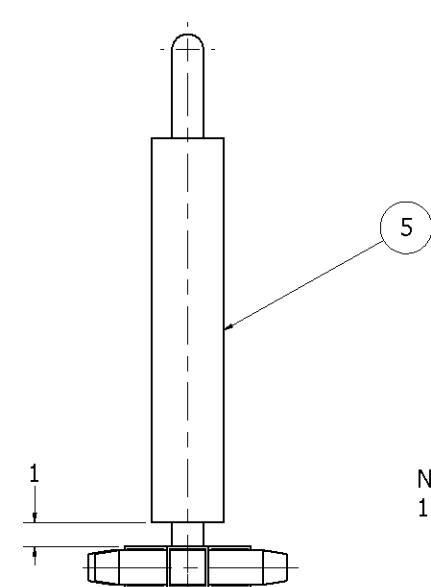
8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
1	Redraw	5/14/2008	narosenberg



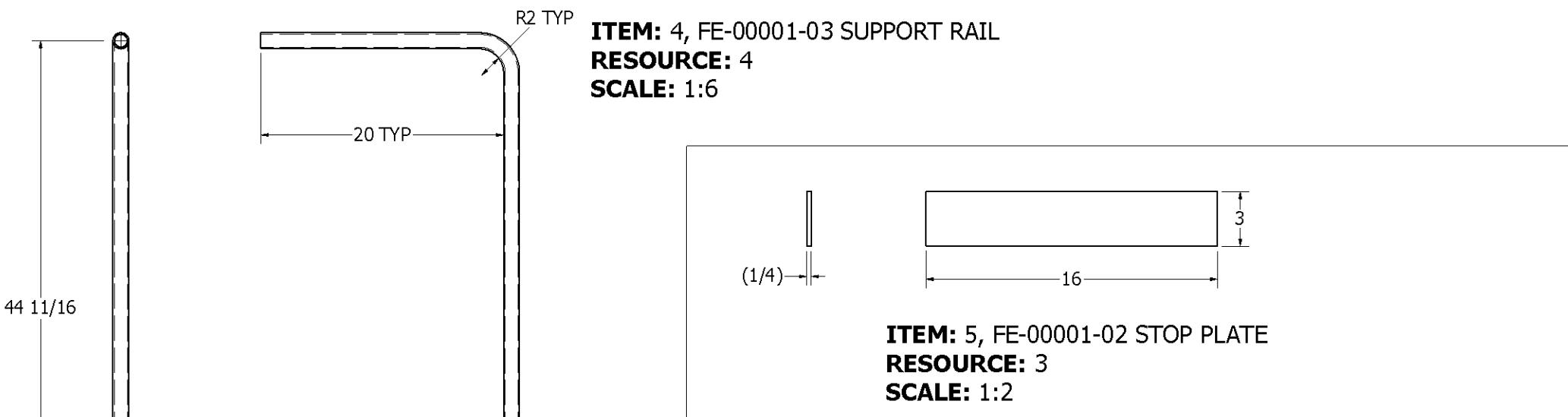
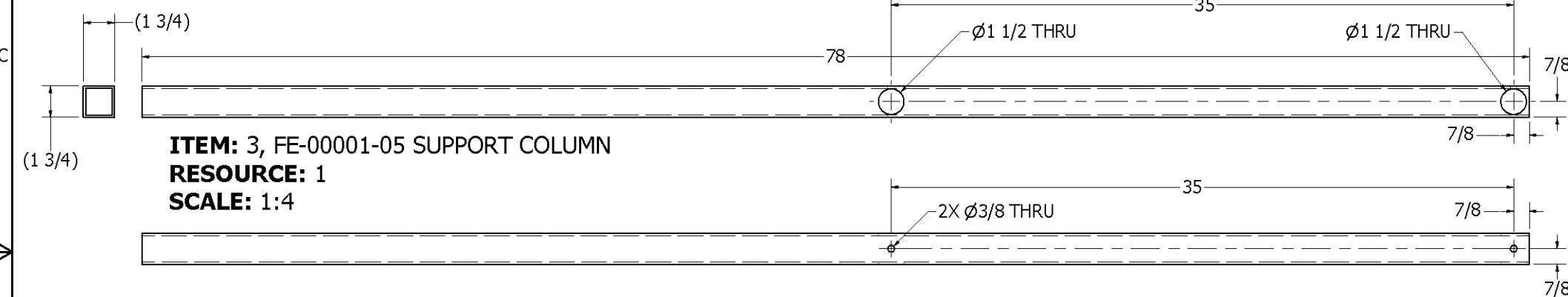
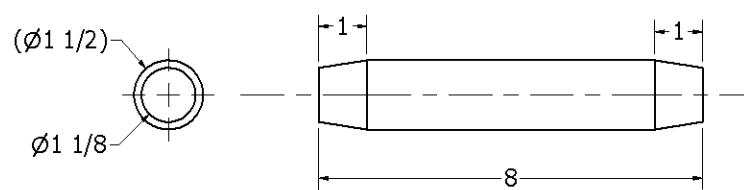
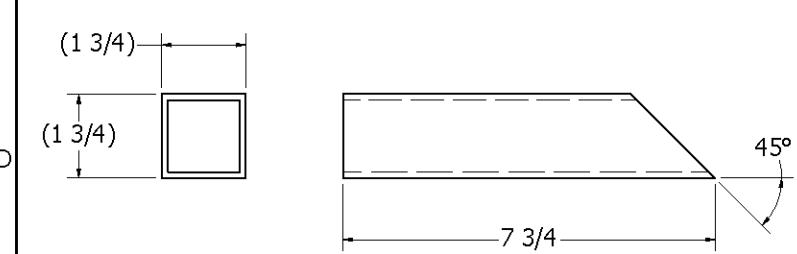
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	FE-00001-01	Connector Tube
2	2	FE-00001-04	Connector Shaft
3	1	FE-00001-05	Support Column
4	1	FE-00001-03	Support Rail
5	1	FE-00001-02	Stop Plate



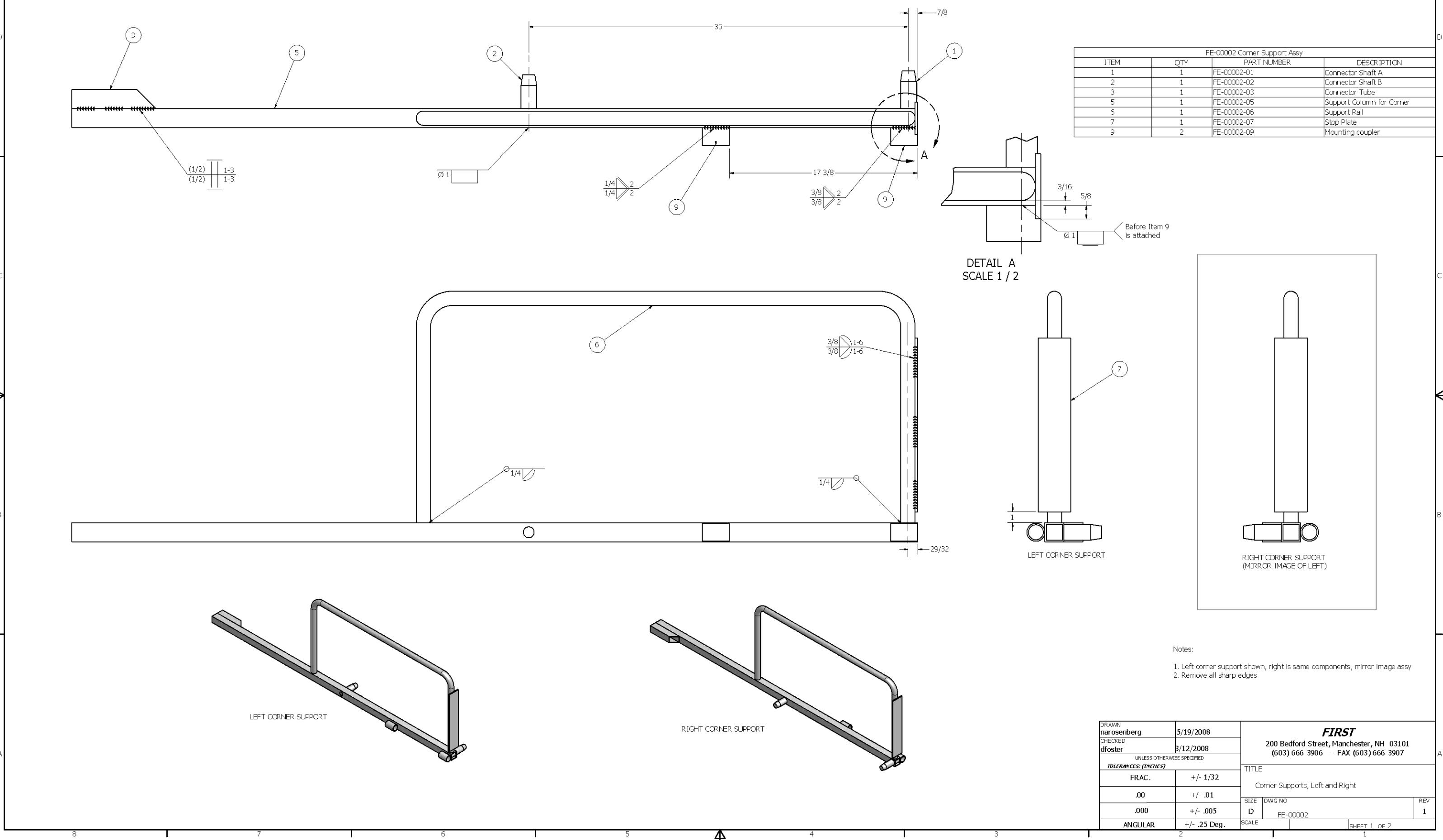
Notes:  
1. Remove all sharp edges

DRAWN narosenberg	5/14/2008	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907
CHECKED dfoster	8/1/2008	
UNLESS OTHERWISE SPECIFIED		
TOLERANCES: (INCHES)		
FRAC.	+/- .1/32	
.00	+/- .01	
.000	+/- .005	
ANGULAR	+/- .25 Deg.	
SIZE D	DWG NO FE-00001	REV 1
SCALE		SHEET 1 OF 2

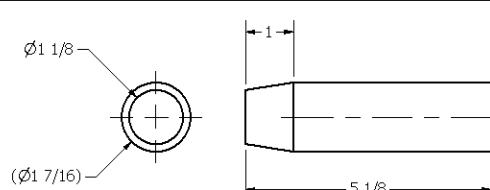
RESOURCES			
RESOURCE	QTY.	DESCRIPTION	LENGTH
1	AR	1 3/4" X 1 3/4" X 1/8" 6061 ALUMINUM TUBING	
2	AR	1 1/2" 6061 ALUMINUM SOLID ROD	
3	AR	1/4" 6061 ALUMINUM PLATE	
4	AR	1" SCHEDULE 40 ALUMINUM TUBE	



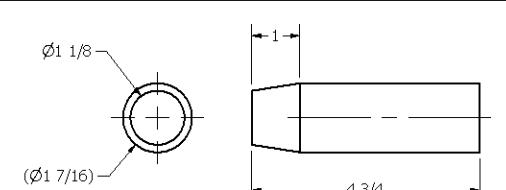
DRAWN narosenberg	5/14/2008	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907
CHECKED dfoster	8/1/2008	
UNLESS OTHERWISE SPECIFIED		
TOLERANCES: (INCHES)		
FRAC.	+/- .1/32	
.00	+/- .01	
.000	+/- .005	
ANGULAR	+/- .25 Deg.	
SIZE	DWG NO	REV
D	FE-00001	1
SCALE		
SHEET	2	OF 2



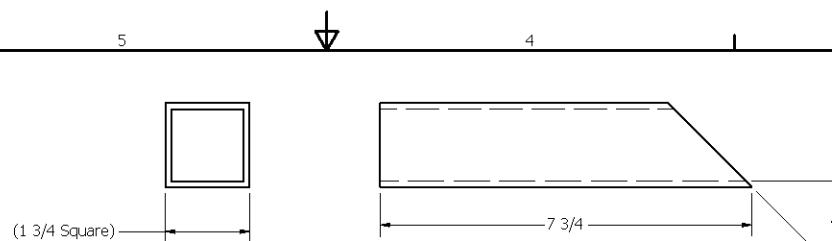
RESOURCES				
RESOURCE	QTY.	DESCRIPTION	LENGTH	PART NO.
1		1 7/16" Dia. 6061 Aluminum Solid Rod		
2		1 3/4" x 1 3/4" x 1/8" 6061 Aluminum Tubing		
4		1" Schedule 40 Aluminum Tube		
5		3" x 1/4" 6061 Aluminum Bar		
6		1 1/4" Schedule 40 Aluminum Tube		



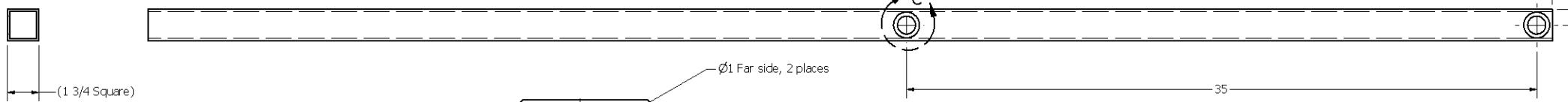
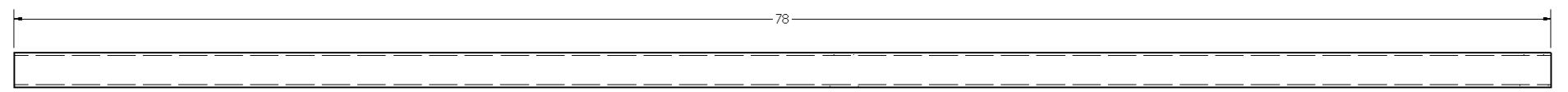
ITEM: 1, FE-00002-01 Connector Shaft A  
RESOURCE: 1  
SCALE: 1/2



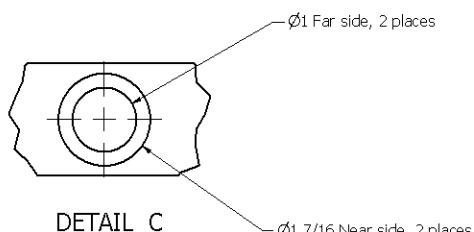
ITEM: 1, FE-00002-02 Connector Shaft  
RESOURCE: 1  
SCALE: 1/2



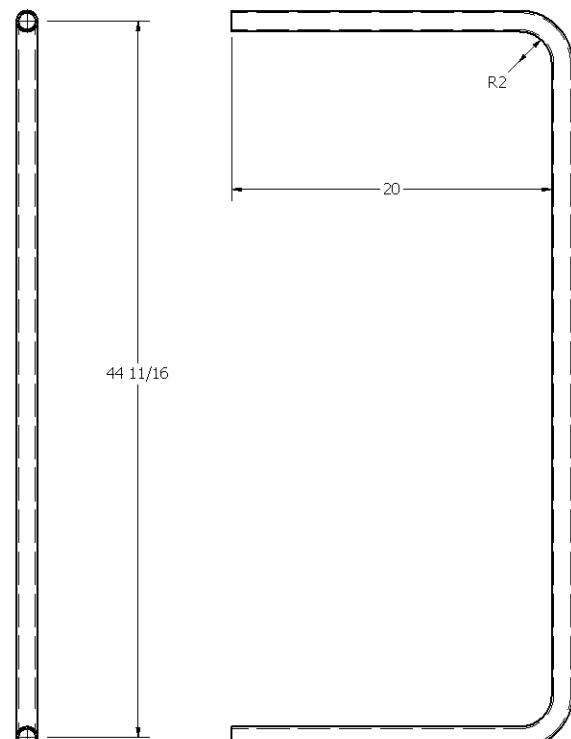
ITEM: 3, FE-00002-03 Connector Tub  
RESOURCE: 2  
SCALE: 1/2



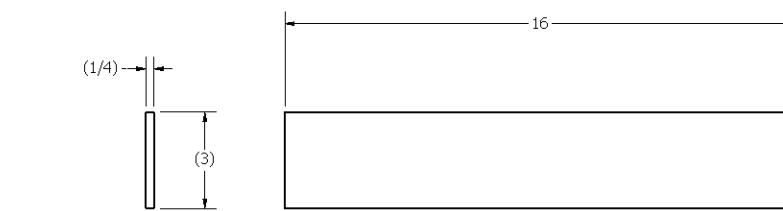
**ITEM:** 5, FE-00002-05 Support Column for Corner  
**RESOURCE:** 2  
**SCALE:** 1/4



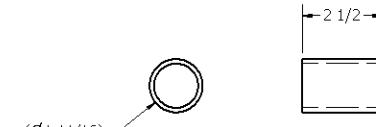
DETAIL C  
SCALE 2 / 3



ITEM: 6, FE-00002-06 Support Rail  
RESOURCE: 4  
SCALE: 1/6



ITEM: 7, FE-00002-07 Stop Plate  
RESOURCE: 5  
SCALE: 1/3



ITEM: 9, FE-00002-09 Mounting Couple  
RESOURCE: 6  
SCALE: 1/3

DRAWN narosenberg	5/19/2008	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED dfoster	3/12/2008			
UNLESS OTHERWISE SPECIFIED				
<b>TOLERANCES: (INCHES)</b>		TITLE		
FRAC.	+/- .132	Corner Supports, Left and Right		
.00	+/- .01			
.000	+/- .005	SIZE	DWG NO	REV
ANGULAR	+/- .25 Deg.	D	FE-00002	1
		SCALE	SHEET 2 OF 2	

4

3

2

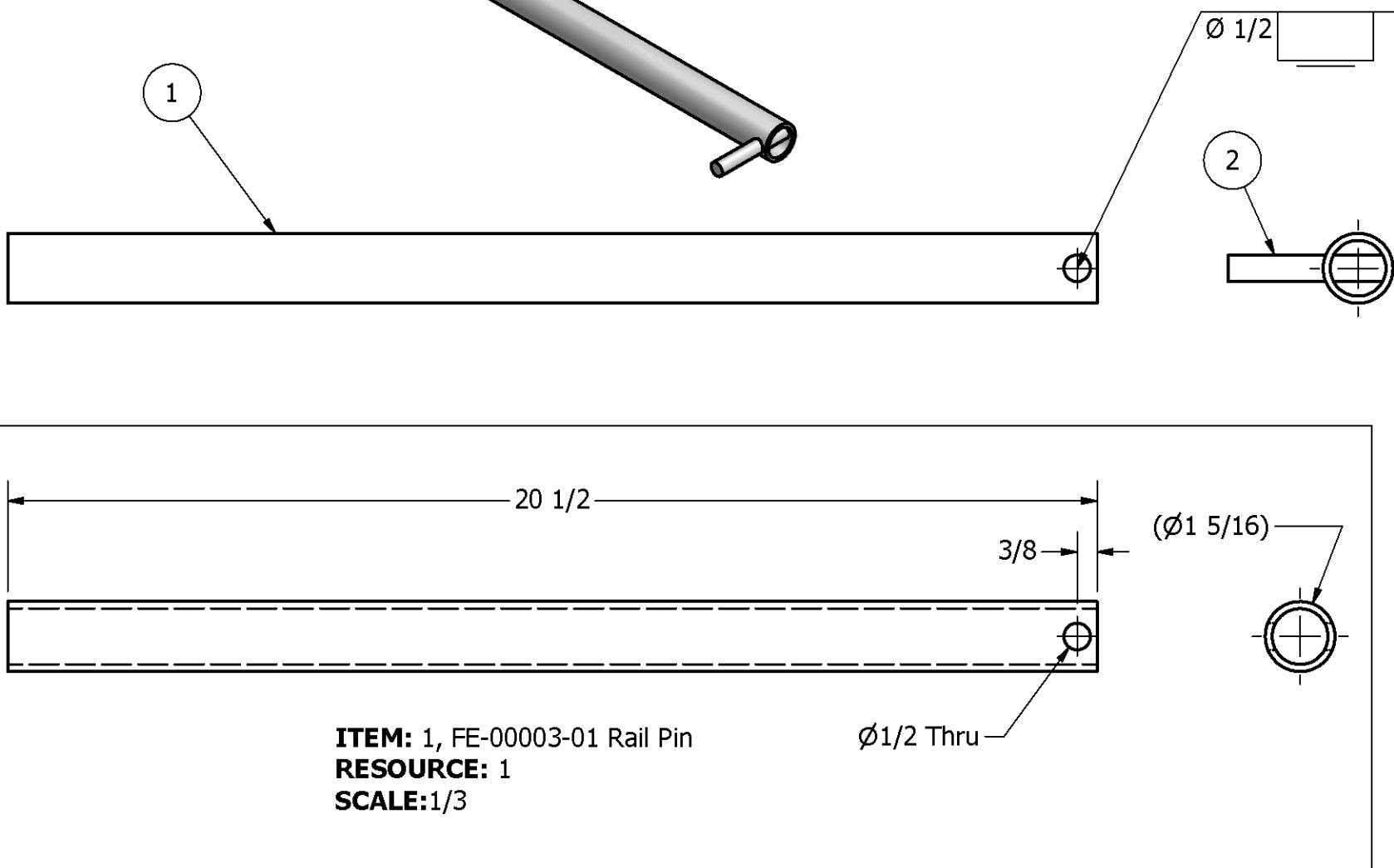
1

B

↓

Table

REV	DESCRIPTION	DATE	APPROVED
1	Redraw	5/20/2008	narosenberg



## FE-00003 Rail Pin Assy Parts List

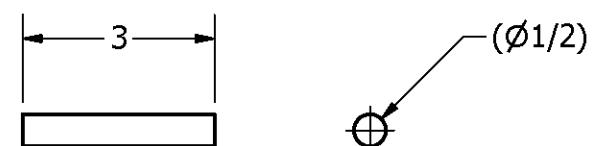
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	FE-00003-01	Rail Pin
2	1	FE-00003-02	Pull Rod

## RESOURCES

RESOURCE	QTY.	DESCRIPTION	LENGTH	PART NO.
1		1" Schedule 40 6061 Aluminum Tube		
2		1/2" 6061 Aluminum Rod		

## Notes:

1. Remove all sharp edges



ITEM: 2, FE-00003-02 Pull Rod  
RESOURCE: 2  
SCALE: 1/3

DRAWN narosenberg	5/20/2008
CHECKED dfoster	7/31/2008
UNLESS OTHERWISE SPECIFIED	
<b>TOLERANCES: (INCHES)</b>	
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

Rail Pin Assy

## SIZE

B

## DWG NO

FE-00003

REV

SHEET 1 OF 1

4

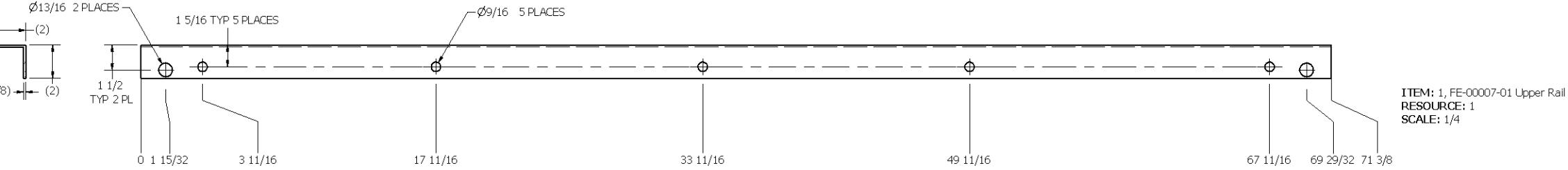
3

2

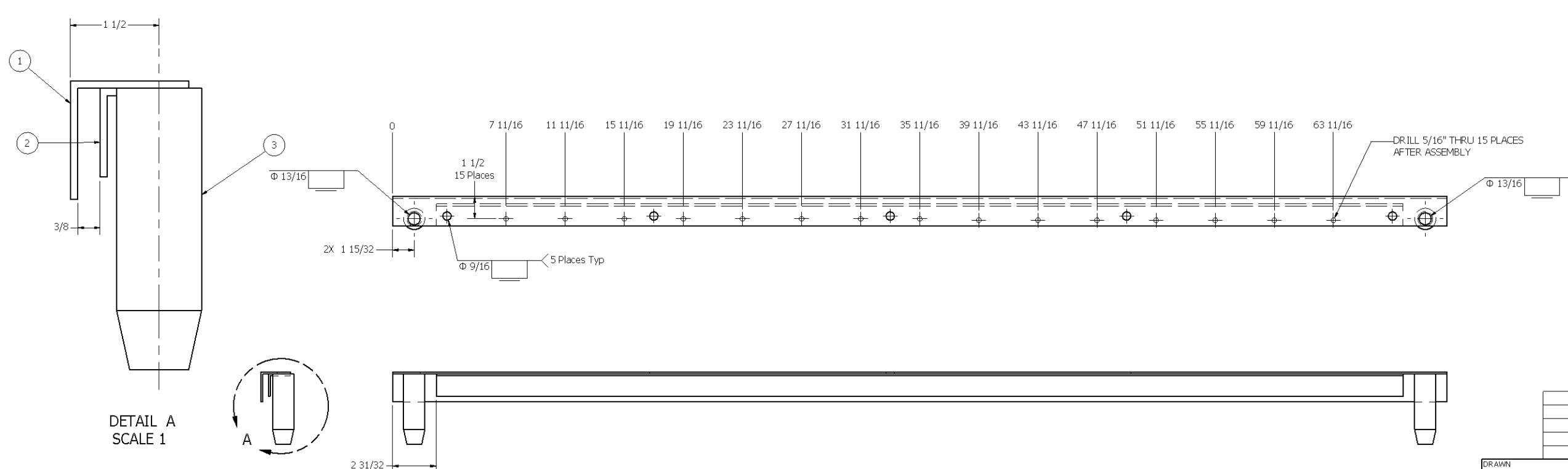
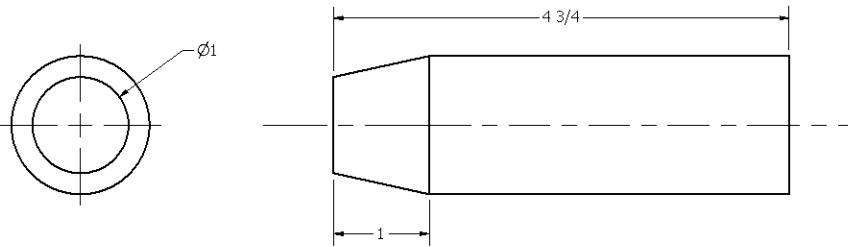
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REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	Redrawn	5/27/2008	narosenberg



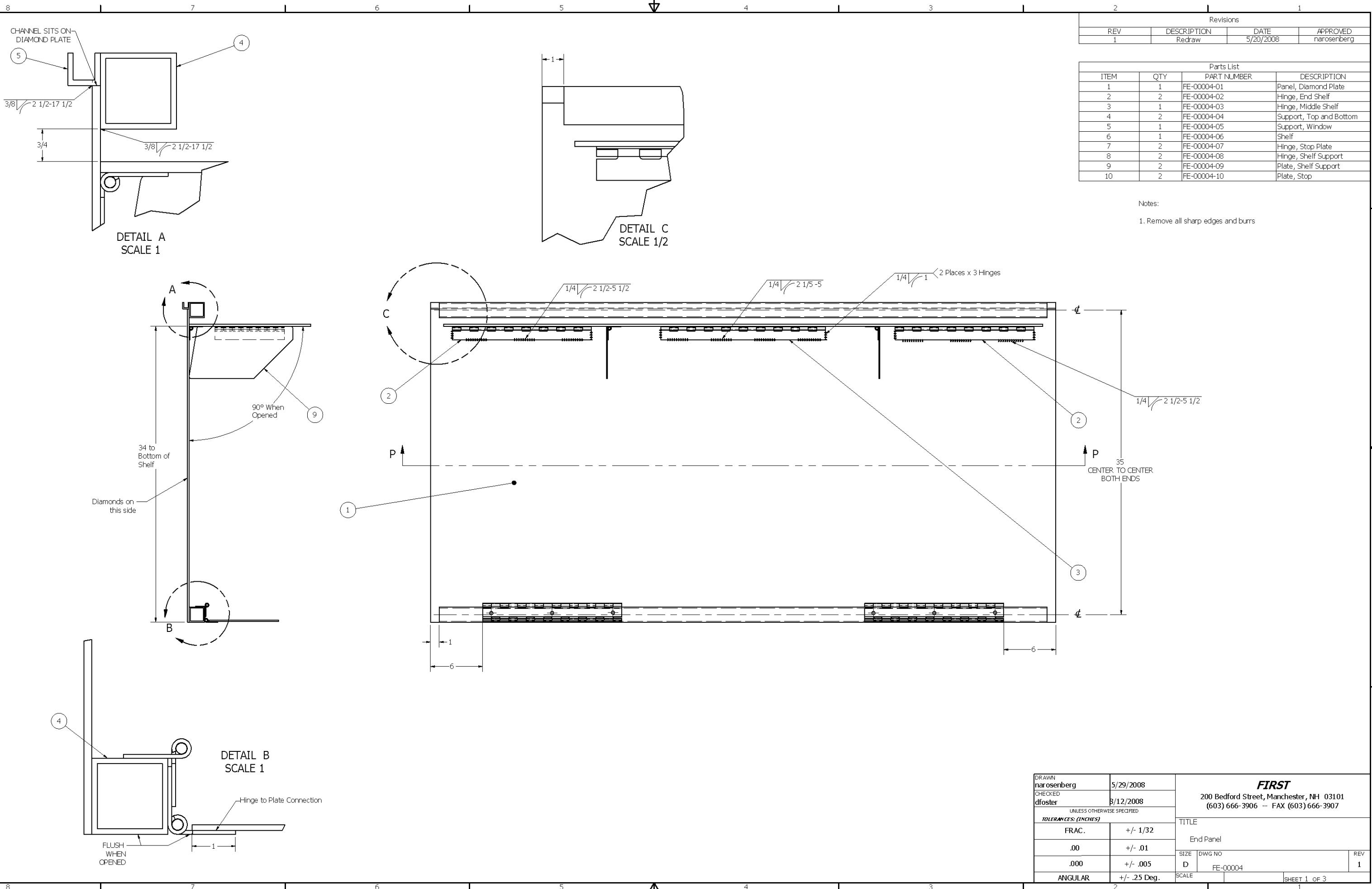
RESOURCES				
RESOURCE	QT	DESCRIPTION	LENGTH	PART NO.
1	1	2" x 2" X 1/8" SQ CORNER 6063 ALUM ANGLE		
2	1	7/16" ALUM ROUND STOCK		
3	1	1 1/2 X 1 1/2 X 1/8" 6061 ALUM ANGLE		

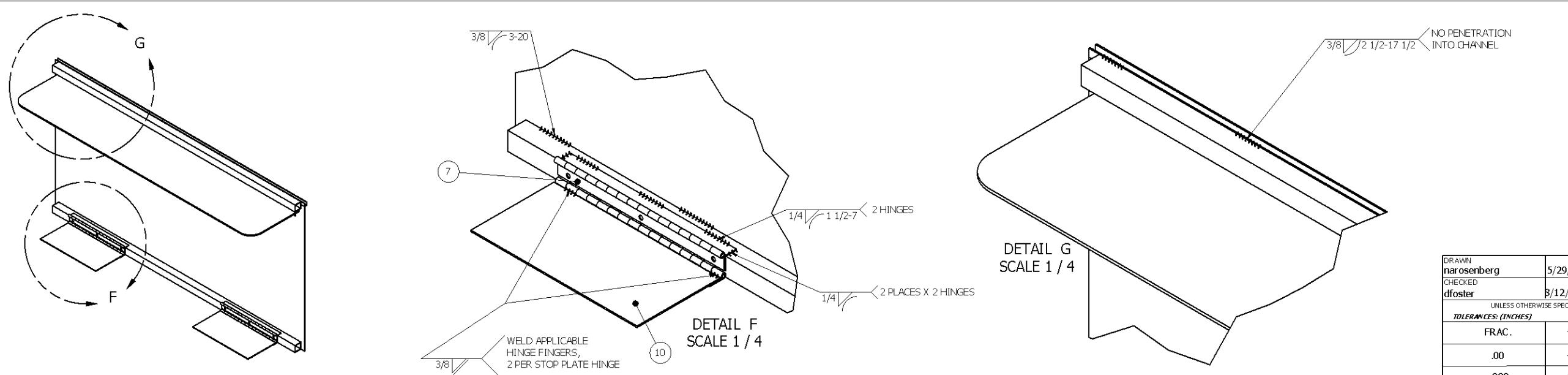
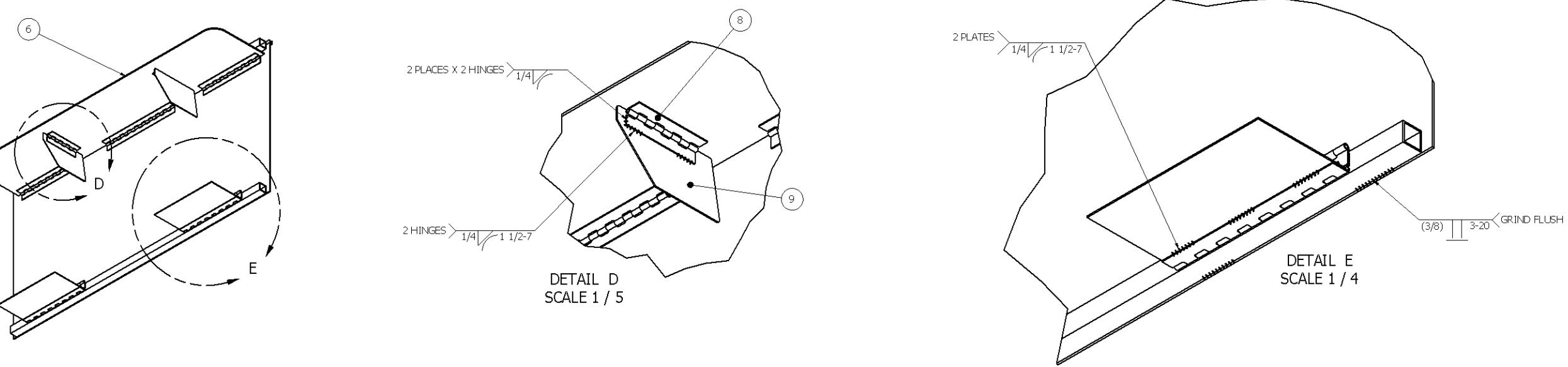
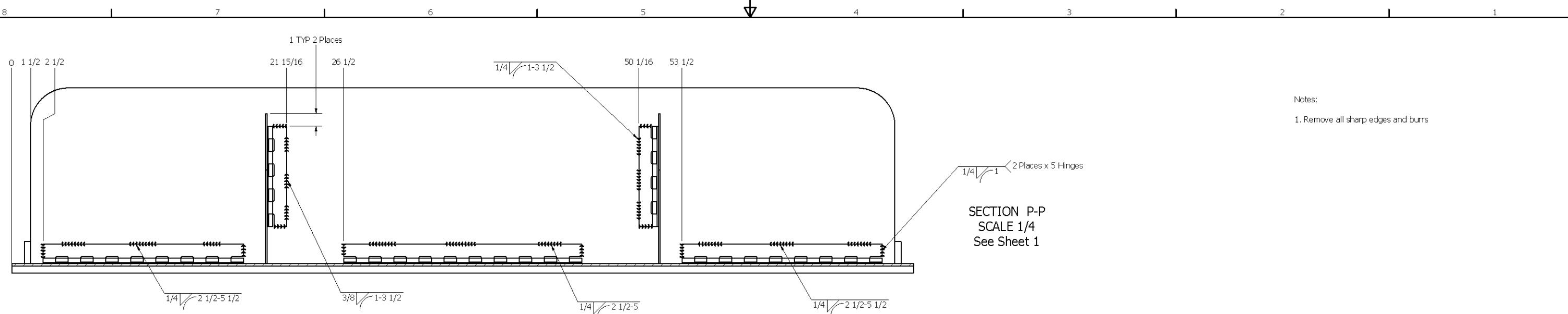


Notes:  
1. Remove all sharp edges and burrs

FE-00007 Field Top Rail Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	FE-00007-01	Upper Rail
2	1	FE-00007-02	Lower Rail
3	2	FE-00004-03	Connecting Pin

DRAWN narosenberg	5/27/2008	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907
CHECKED dfoster	8/4/2008	
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)		
FRAC. .00 .000 ANGULAR	+/- 1/32 +/- .01 +/- .005 +/- .25 Deg.	
SIZE D	DWG NO FE-00007	REV 1
SCALE		SHEET 1 OF 1

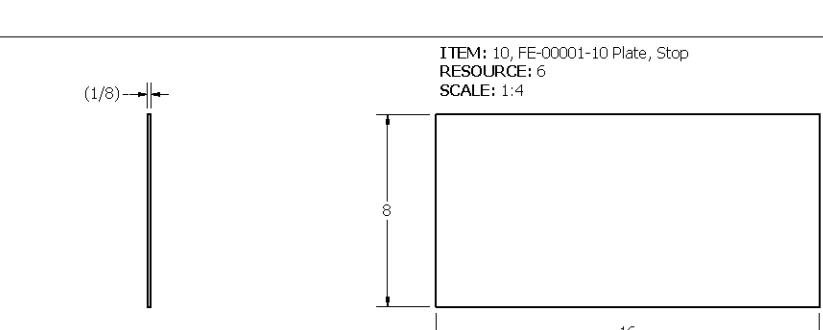
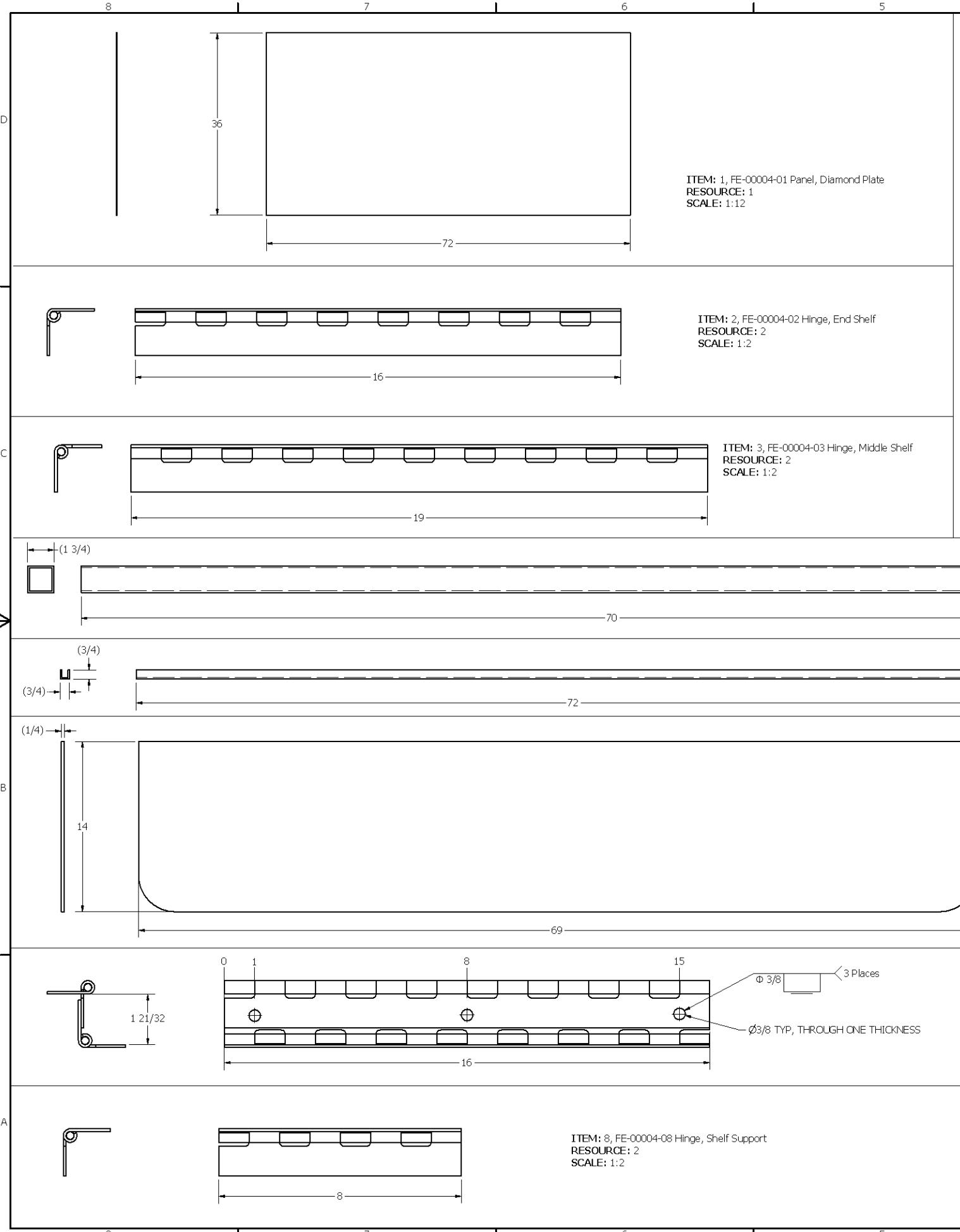




DRAWN	narosenberg	5/29/2008	FIRST
CHECKED			
dfoster		8/12/2008	
UNLESS OTHERWISE SPECIFIED			
<i>TOLERANCES: (INCHES)</i>			
FRAC.	+/- .1/32		
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.		
TITLE			
End Panel			
SIZE	DWG NO		
D	FE-00004		REV
SCALE			1
SHEET 2 OF 3			

RESOURCES		LENGTH	PART NO.
RESOURCE	QTY.	DESCRIPTION	
1		3/16 Aluminum Diamond Plate	
2		Hinge, Aluminum 3" x .09", 1/4" Pin	
3		1 3/4" x 1 3/4" x 1/8" Square 6061 Aluminum Tubing	
4		3/4" x 3/4" x 1/8" 6061 Aluminum 'U' Channel	
5		1/4" 6061 Aluminum Plate	
6		1/8" 6061 Aluminum Plate	

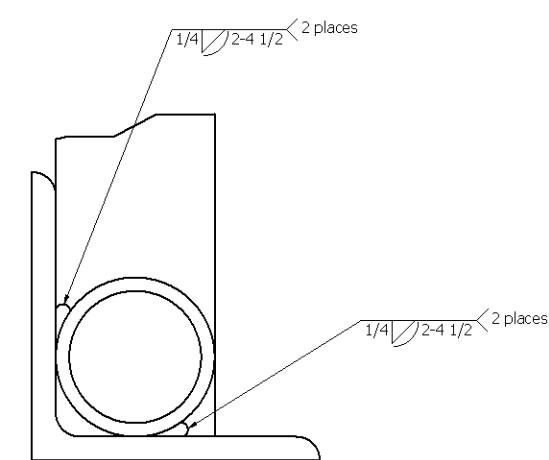
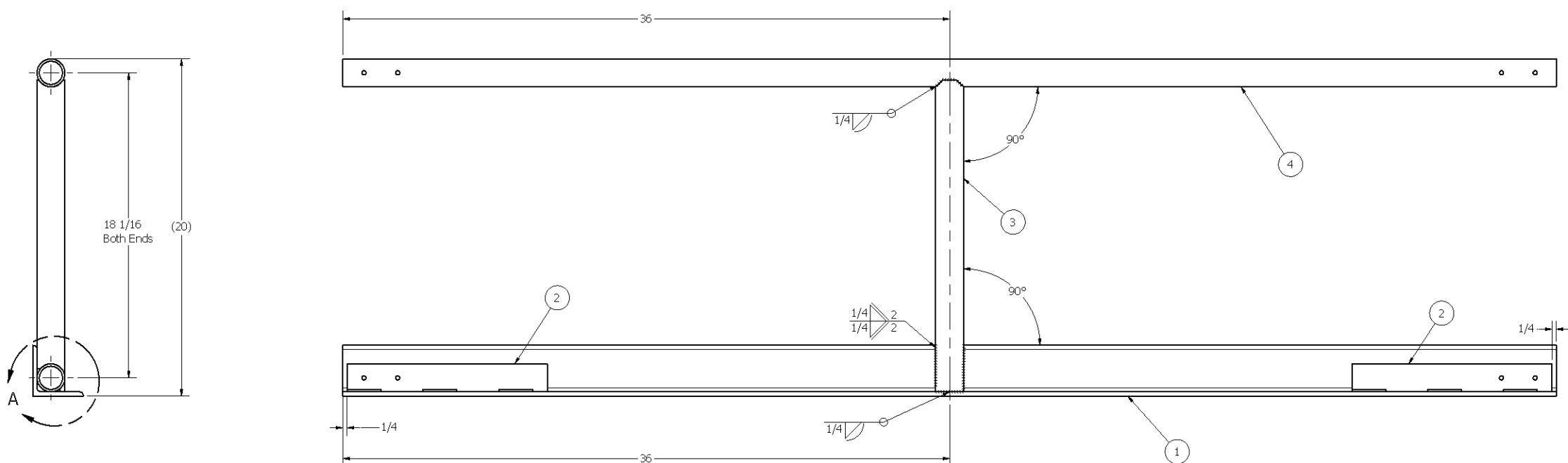
Notes:  
1. Remove all sharp edges and burrs



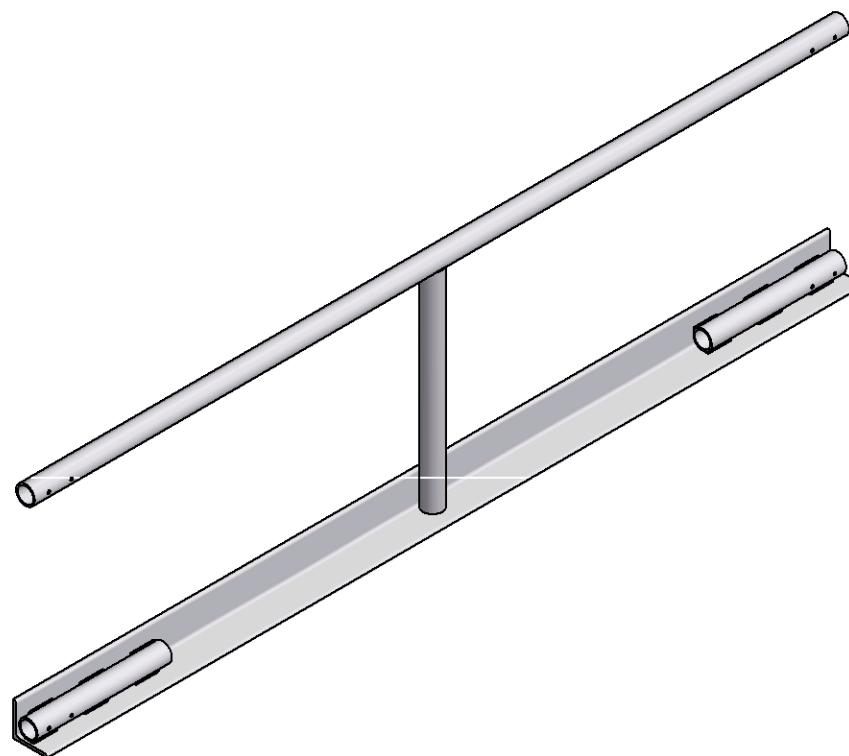
DRAWN narosenberg	5/29/2008	FIRST 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED dfoster	8/12/2008		
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)			
FRAC.	+/- 1/32		
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.		
SIZE D	DWG NO FE-00004	REV 1	
SCALE			
SHEET 3 OF 3			

8	7	6	5	4	3	2	1
D	D	D	D	D	D	D	D

REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	Redrawn	5/28/2008	narosenberg



DETAIL A  
SCALE 1 : 1



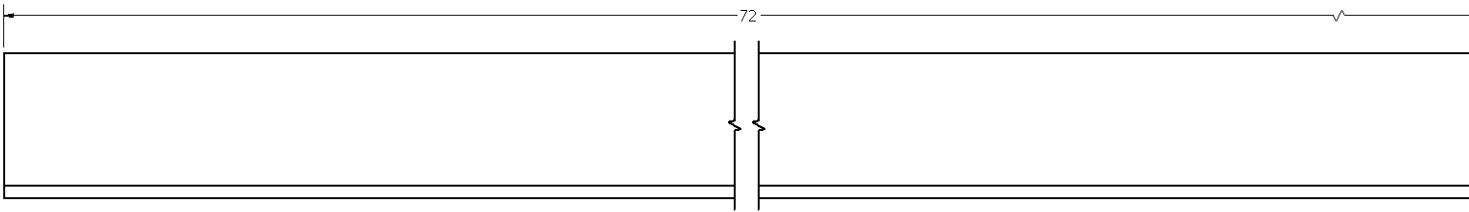
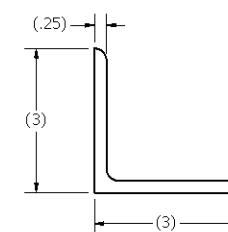
RESOURCES		
RESOURCE	QTY.	DESCRIPTION
1	6'	3" X 3" X 1/4" 6061-T6 ALUMINUM ANGLE
2	10'	1 1/4" SCHEDULE 40 6061-T6 ALUMINUM PIPE

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	FE-00005-01	Bottom Rail
2	2	FE-00005-02	Connecting Tube
3	1	FE-00005-03	Vertical Support
4	1	FE-00005-04	Top Rail

DRAWN dfoster	5/28/2008	<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		
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.	SCALE	SHEET 1 OF 2
D	FE-00005	REV	1

8 7 6 5 4 3 2 1

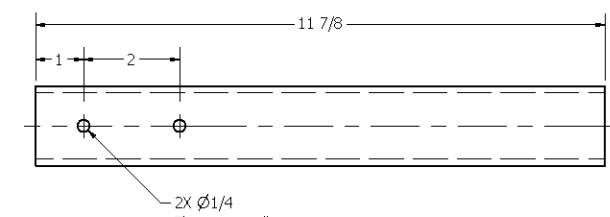
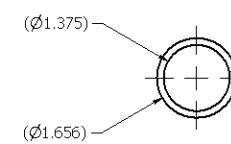
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**Item: FE-00005-0 Bottom Rail**

**Resource: 1**

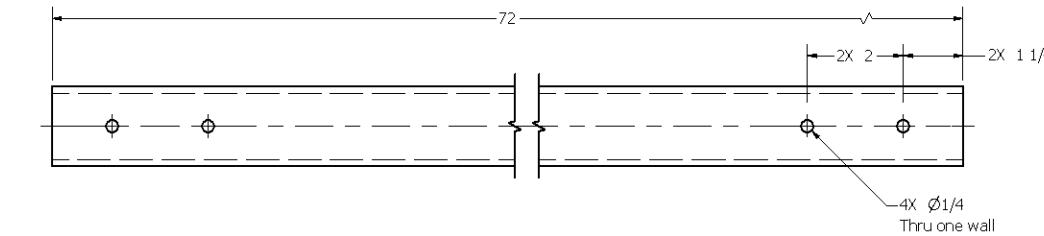
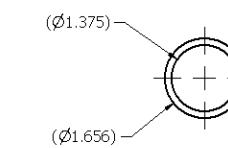
**Scale: 1/2**



**Item: FE-00005-02 Connecting Tube**

**Resource: 2**

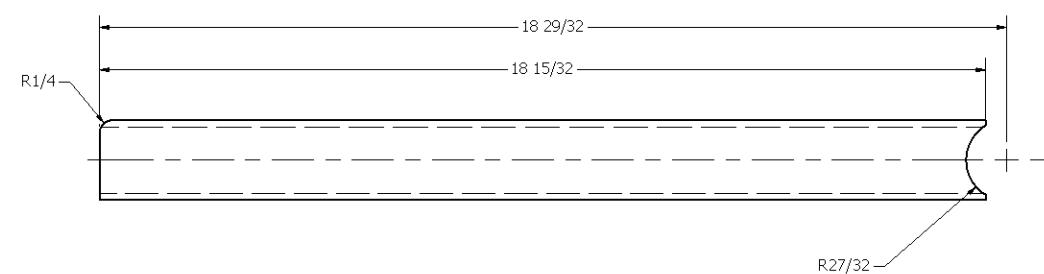
**Scale: 1/2**



**Item: FE-00005-04 Top Rail**

**Resource: 2**

**Scale: 1/2**



**Item: FE-00005-03 Vertical Support**

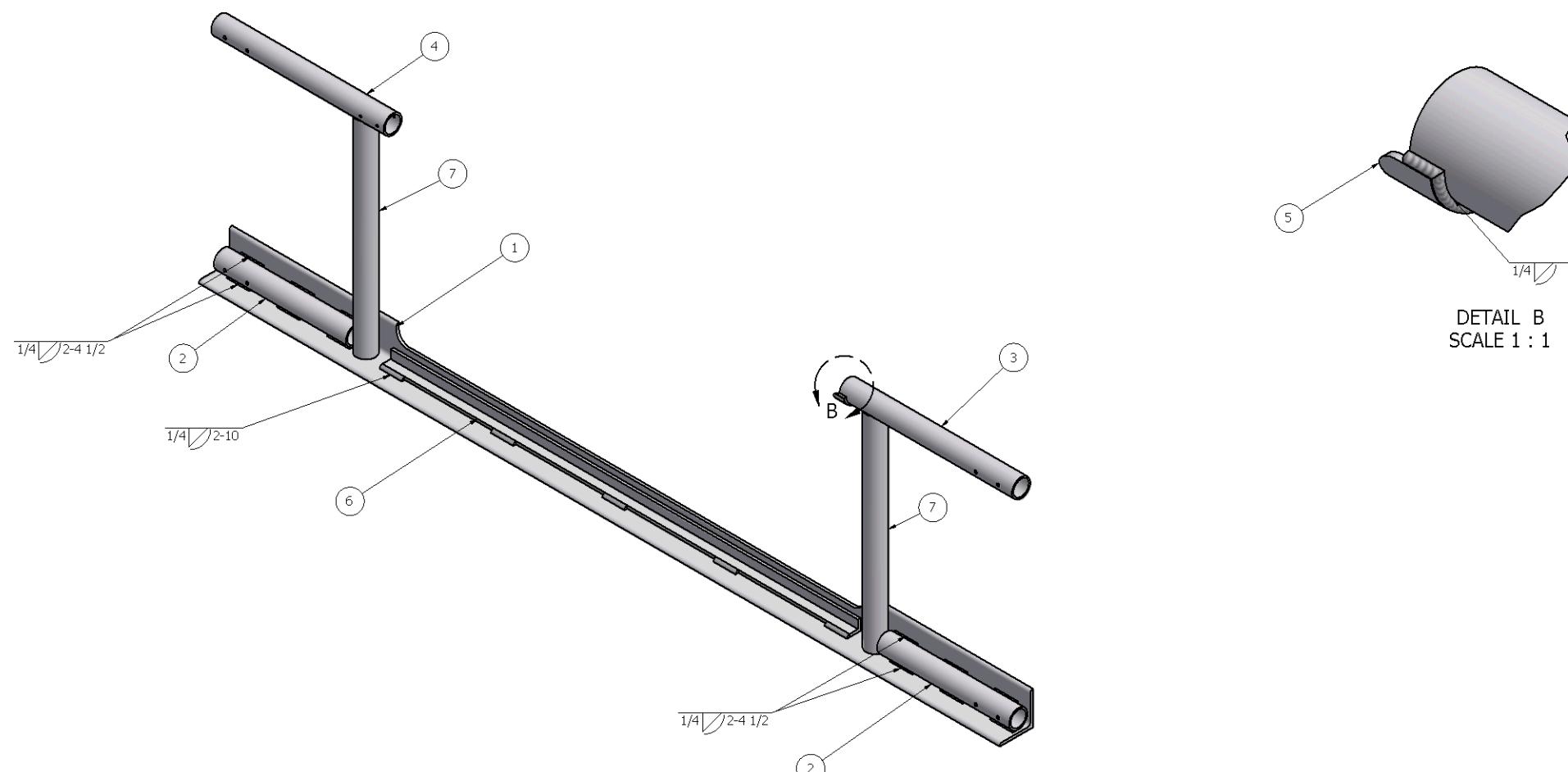
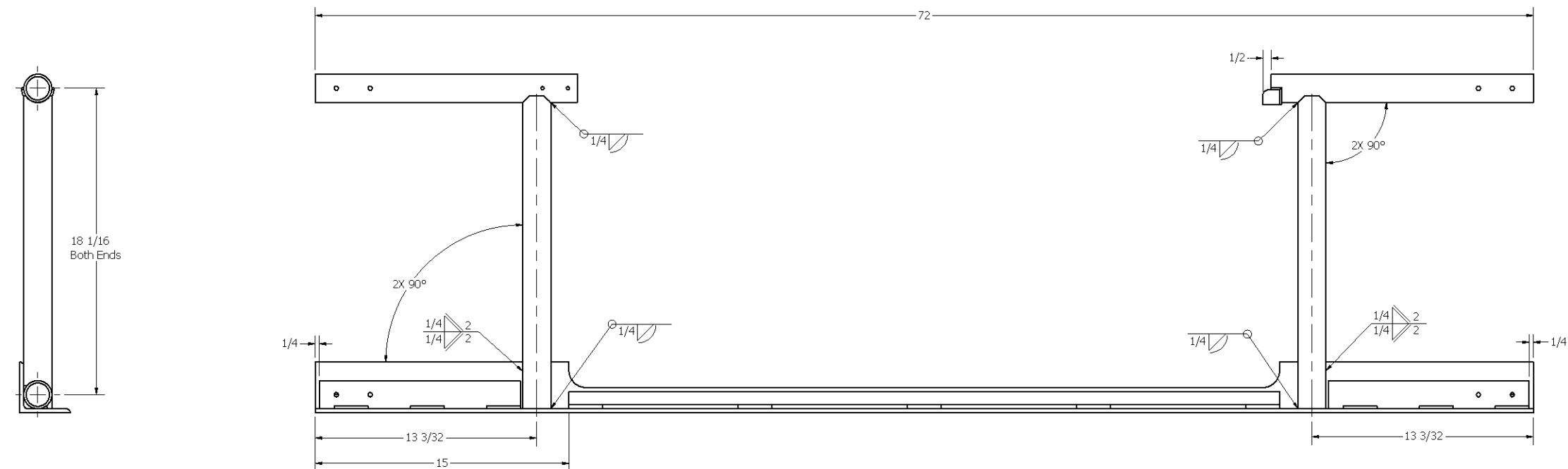
**Resource: 2**

**Scale: 1/2**

DRAWN dfoster	5/28/2008	FIRST	
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)		TITLE	
FRAC.	+/- 1/32	FIELD RAIL	
.00	+/- .01	SIZE	DWG NO
.000	+/- .005	D	FE-00005
ANGULAR	+/- .25 Deg.	SCALE	1
		SHEET 2 OF 2	

8	7	6	5	4	3	2	1
D	D	D	D	D	D	D	D

REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	Redrawn	8/7/2008	narosenberg

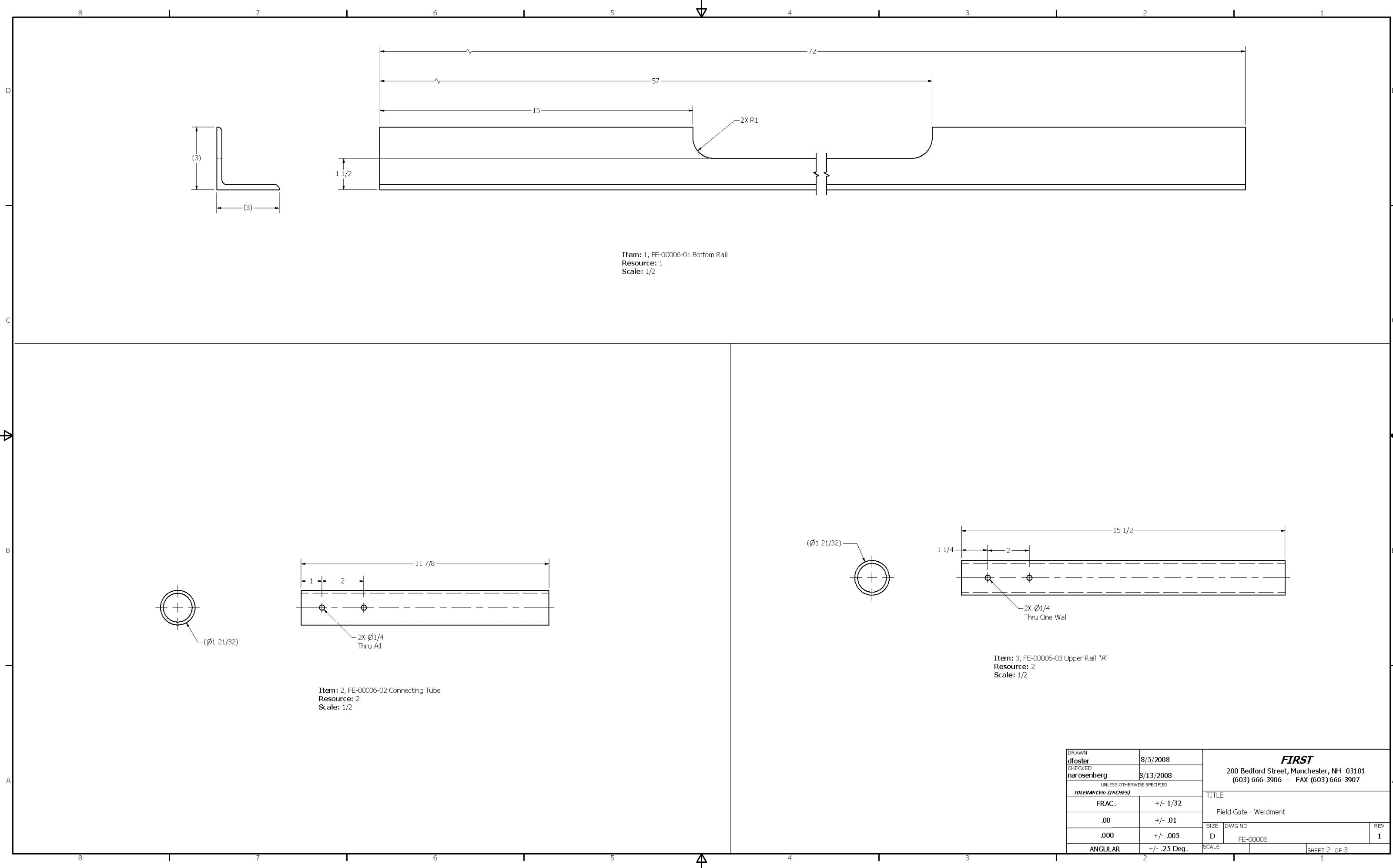


Resources		
Number	Resource	Length
1	3" x 3" x 1/4" 6061-T6 Aluminum Angle	72"
2	1-1/4" Schedule 40 Aluminum Pipe 6061-T6	93"
3	1-1/2" Schedule 40 Aluminum Pipe 6061-T6	1"
4	1" x 1" x 1/4" Aluminum Angle 6061-T6	42"

DETAIL B  
SCALE 1 : 1

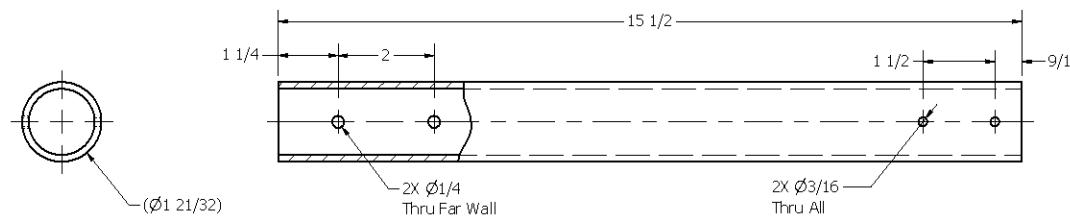
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	FE-00006-01	Bottom Rail
2	2	FE-00006-02	Connecting Tube
3	1	FE-00006-03	Upper Rail "A"
4	1	FE-00006-05	Upper Rail "B"
5	1	FE-00006-08	Gate Stop
6	1	FE-00006-09	Ramp Stop
7	2	FE-00006-10	Vertical Support

DRAWN dfoster	8/5/2008	<b>FIRST</b> 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907
CHECKED narosenberg	8/13/2008	
UNLESS OTHERWISE SPECIFIED		
TOLERANCES: (INCHES)		
FRAC.	+/- .1/32	
.00	+/- .01	
.000	+/- .005	
ANGULAR	+/- .25 Deg.	
SCALE	1	SHEET 1 OF 3

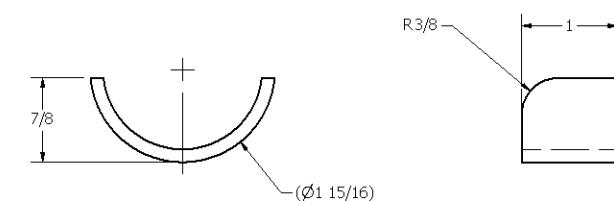


8 7 6 5 4 3 2 1

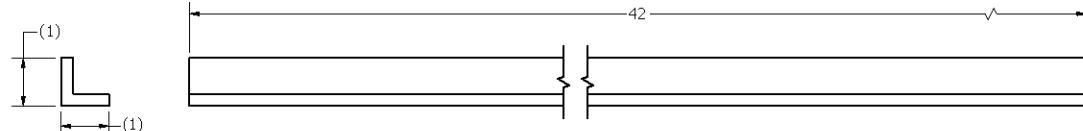
D  
D



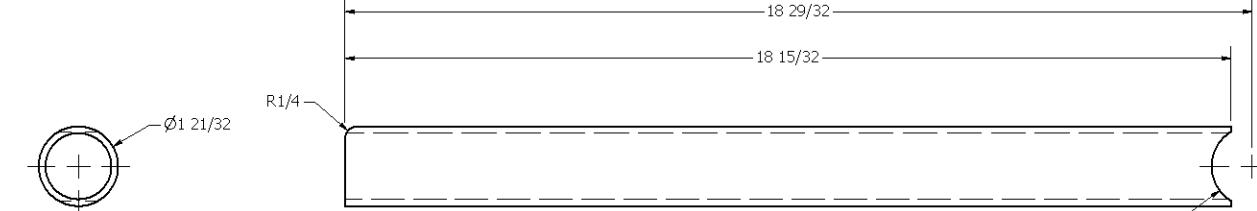
Item: 4, FE-00006-05 Upper Rail "B"  
Resource: 2  
Scale: 1/2



Item: 5, FE-00006-08 Gate Stop  
Resource: 3  
Scale: 1/1

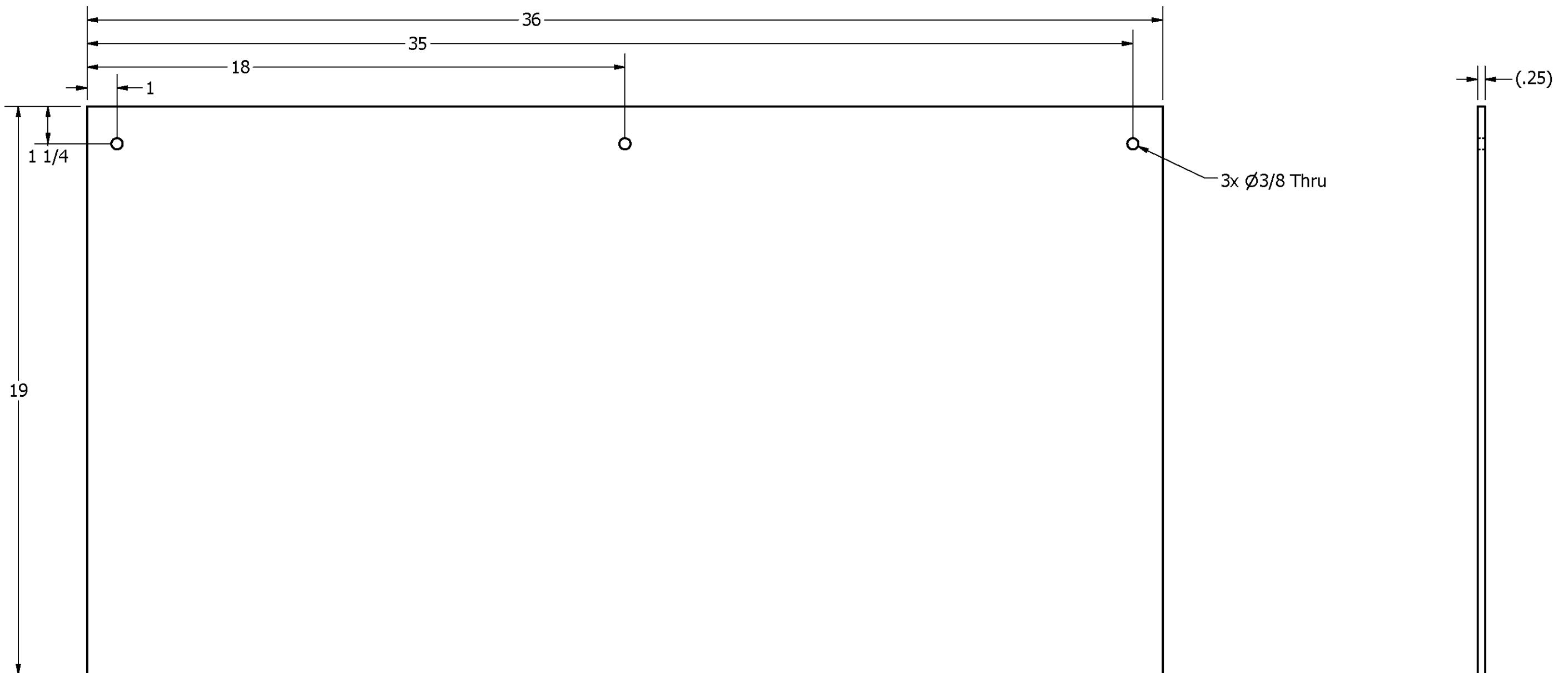


Item: 6, FE-00006-09 Ramp Stop  
Resource: 4  
Scale: 1/2



Item: 7, FE-00006-10 Vertical Support  
Resource: 2  
Scale: 1/2

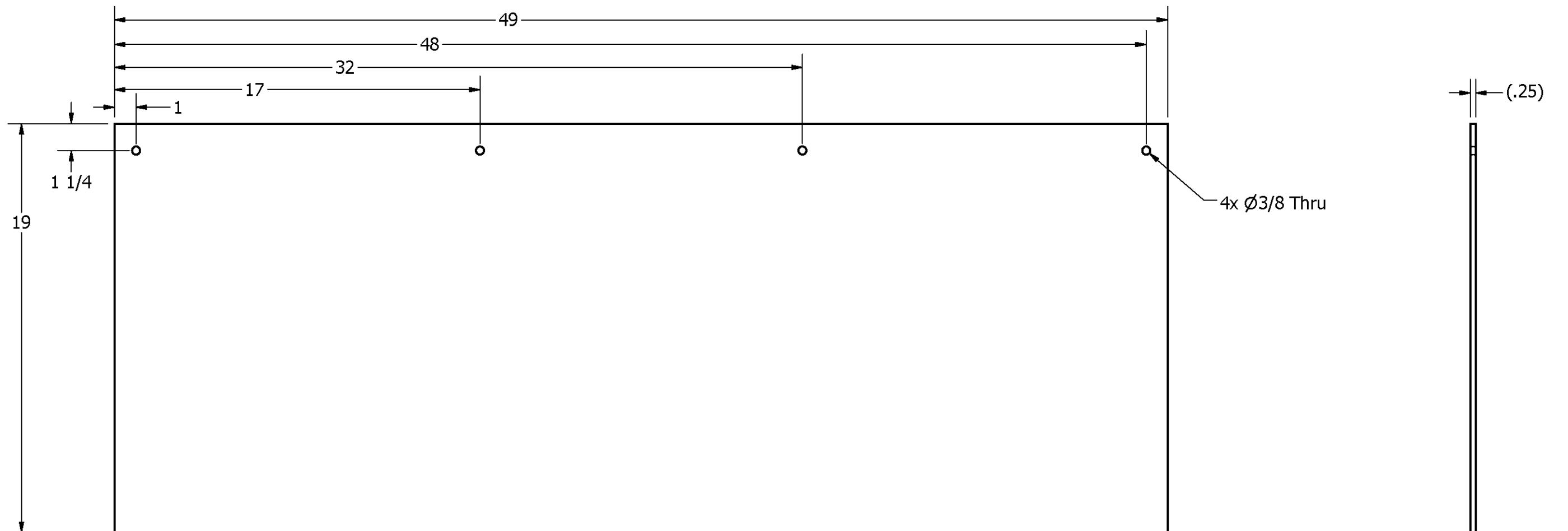
DRAWN dfoster	8/5/2008	FIRST	
CHECKED narosenberg	8/13/2008	200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)		TITLE	
FRAC.	+/- 1/32	Field Gate - Weldment	
.00	+/- .01	SIZE DWG NO	
.000	+/- .005	D	FE-00006
ANGULAR	+/- .25 Deg.	REV	1
SCALE			
SHEET 3 OF 3			



Notes:

1. Material: 1/4" Clear Polycarbonate
2. Please remove all sharp edges

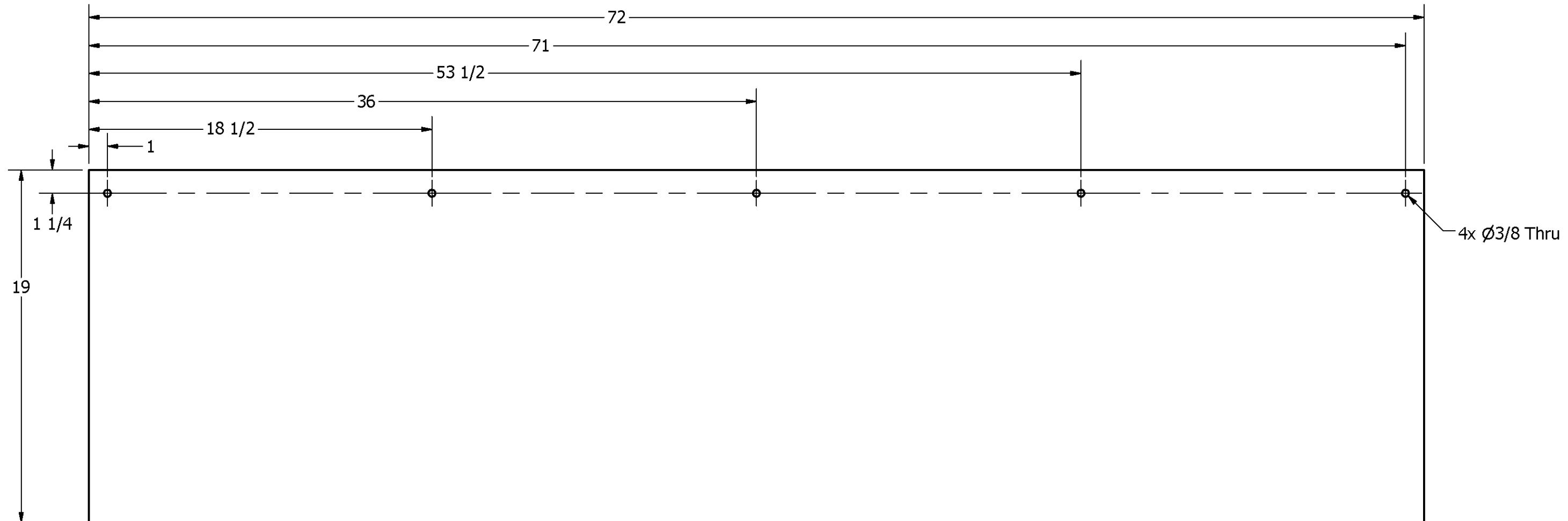
DRAWN mcyr	6/2/2008	<b>FIRST</b>					
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	+/- 1/32	<b>TITLE</b>					
.00	+/- .01	Field Plastic "A"					
.000	+/- .005	<b>SIZE</b>					
ANGULAR	+/- .25 Deg.	<b>DWG NO</b>					
		FE-00008					
		<b>SCALE</b>					
		<b>SHEET 1 OF 1</b>					



**Notes:**

1. Material: 1/4" Clear Polycarbonate.
2. Remove all sharp edges.

DRAWN mcyr	6/2/2008	<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	Field Plastic "B"				
.00	+/- .01	SIZE				
.000	+/- .005	B	DWG NO			
ANGULAR	+/- .25 Deg.	FE-00009		REV		
SCALE						
SHEET 1 OF 1						



Material: 1/4" Thick Polycarbonate Sheet

DRAWN mcyr	6/2/2008	<b>FIRST</b>					
CHECKED	1/2/2009	200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	+/- 1/32	TITLE					
.00	+/- .01	Field Plastic "C"					
.000	+/- .005	SIZE	DWG NO	REV			
ANGULAR	+/- .25 Deg.	B	FE-00010				
SCALE			SHEET 1 OF 1				

4

3

2

1

B

B

41 1/2

72

(3/8")

Material: 3/8" Thick Acrylic Sheet

DRAWN mcyr	6/2/2008	<b>FIRST</b>					
CHECKED dfoster	1/2/2009	200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
UNLESS OTHERWISE SPECIFIED							
<b>TOLERANCES: (INCHES)</b>							
FRAC.	+/- 1/32	TITLE					
.00	+/- .01	Drivers Station Acrylic					
.000	+/- .005	SIZE					
ANGULAR	+/- .25 Deg.	DWG NO					
		FE-00012					
		REV					
		SHEET 1 OF 1					

4

3

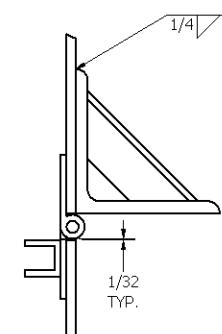
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1

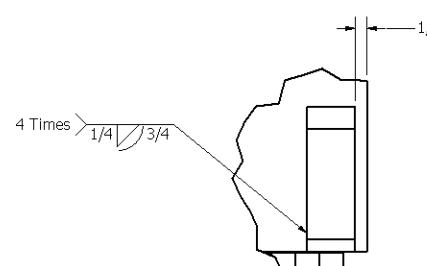
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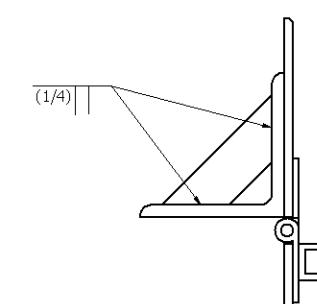
REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	Redrawn	5/27/2008	narosenberg



DETAIL B  
SCALE 1 / 2

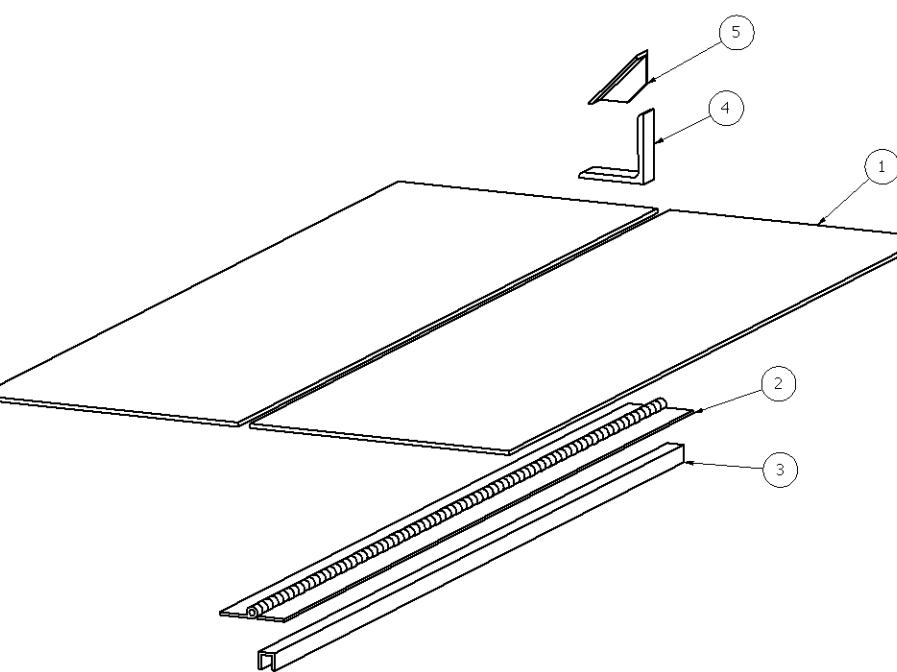
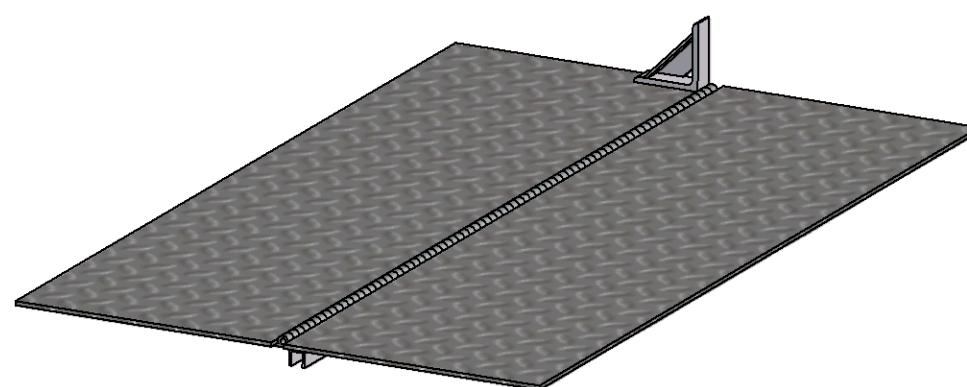
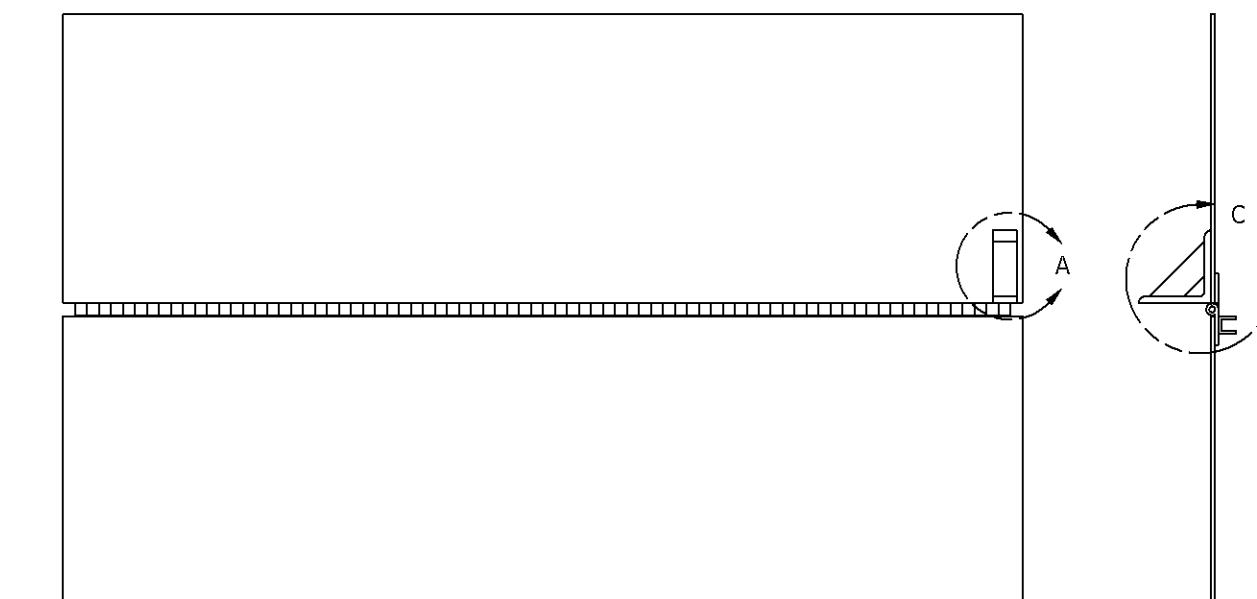
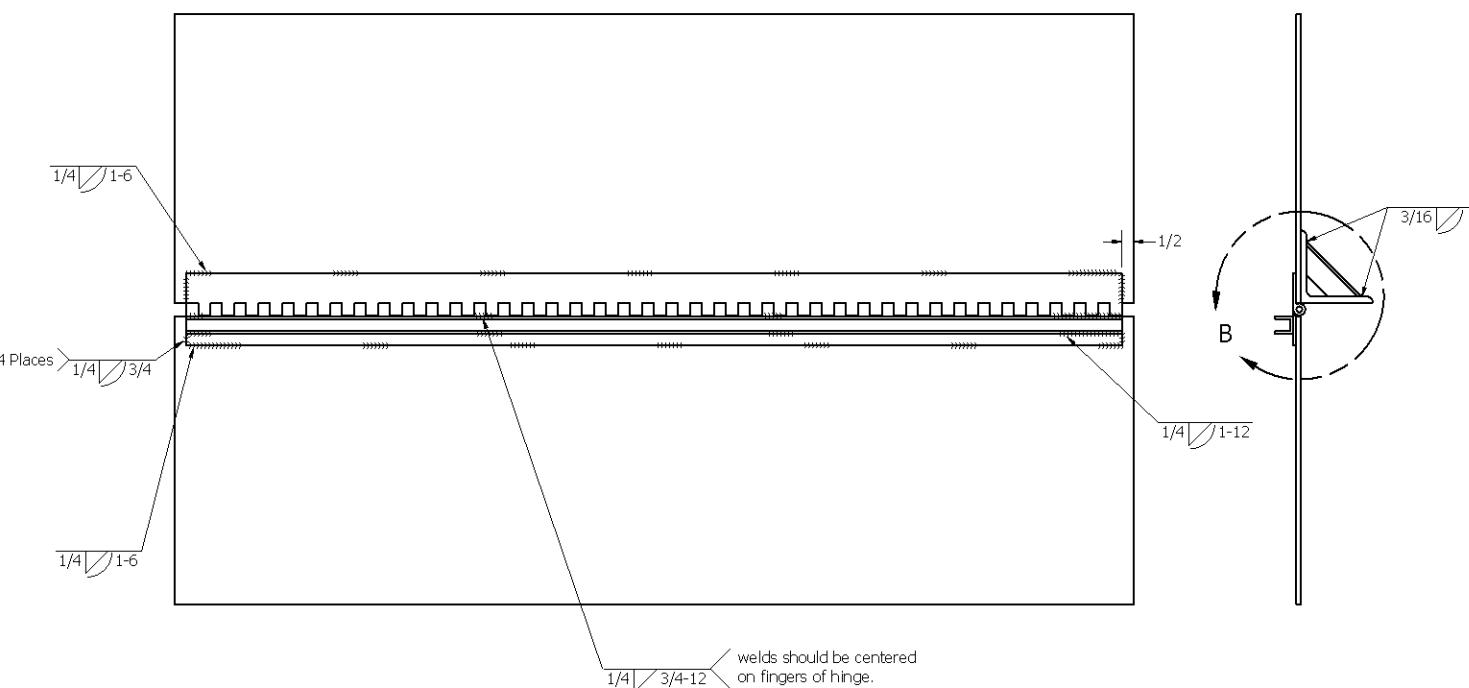


DETAIL A  
SCALE 1 / 2



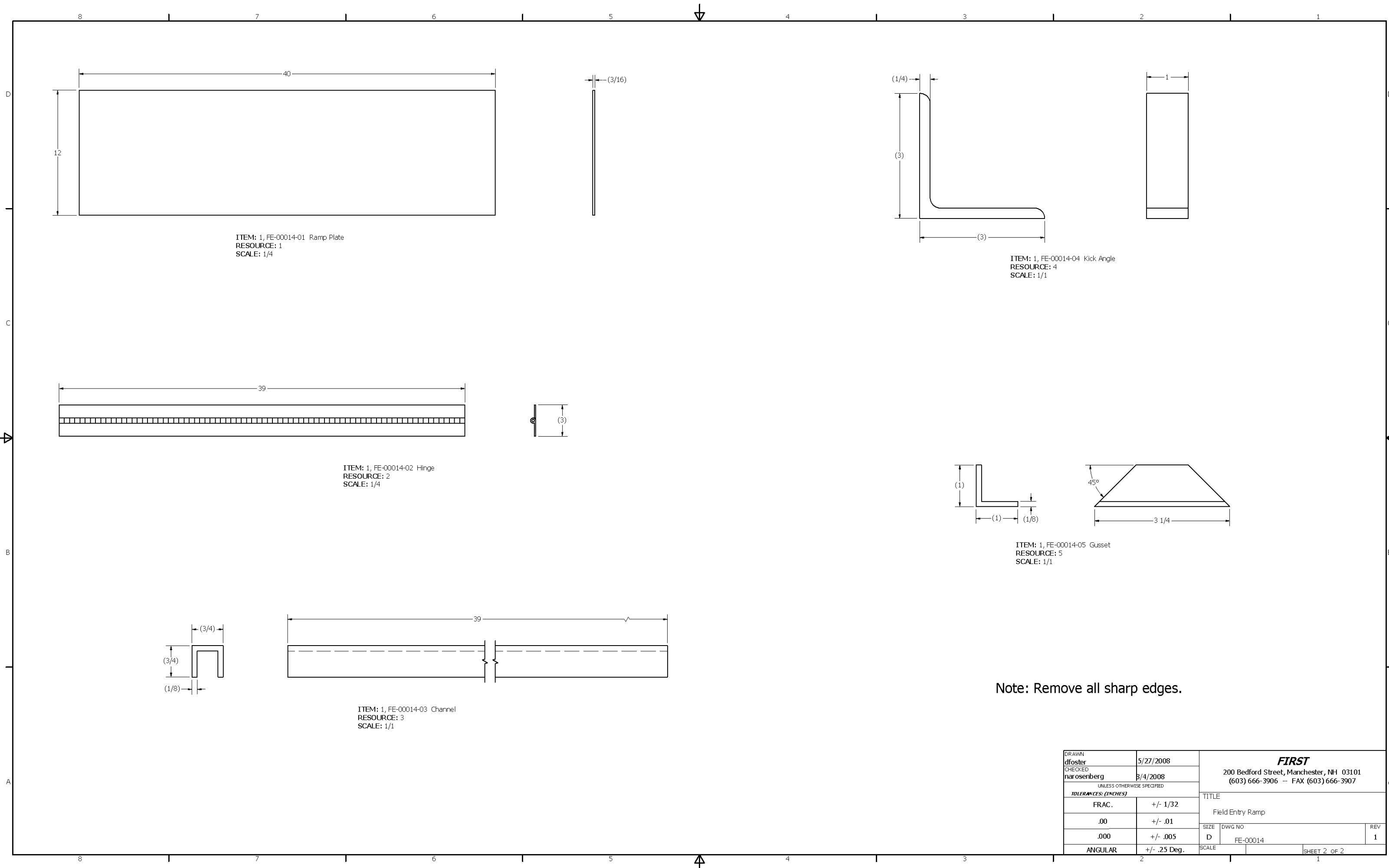
DETAIL C  
SCALE 1 / 2

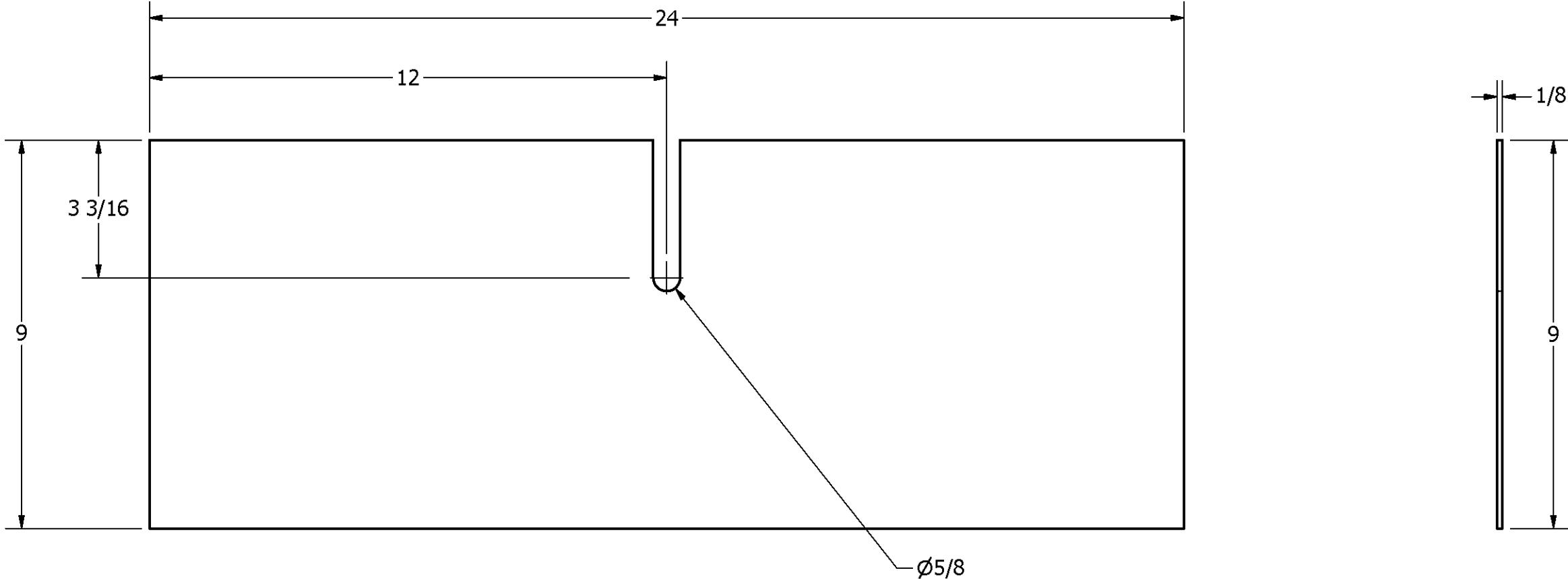
RESOURCES		
RESOURCE	QTY.	DESCRIPTION
1	AR	3/16" 3003 ALUMINUM DIAMOND PLATE
2	.39"	3" ALUMINUM HINGE, 1/4" PIN
3	.39"	3/4" X 3/4" X 1/8" 6061-T6 ALUMINUM CHANNEL
4	1"	3" X 3" X 1/4" 6061-T6 ALUMINUM ANGLE
5	4"	1" X 1" X 1/8" 6061-T6 ALUMINUM ANGLE



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	FE-00014-01	Ramp Plate
2	1	FE-00014-02	Hinge
3	1	FE-00014-03	Channel
4	1	FE-00014-04	Kick Angle
5	1	FE-00014-05	Gusset

DRAWN dfoster	5/27/2008	FIRST			
CHECKED narosenberg	8/4/2008	200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
UNLESS OTHERWISE SPECIFIED					
TOLERANCES: (INCHES)					
FRAC.	+/- .1/32				
.00	+/- .01				
.000	+/- .005				
ANGULAR	+/- .25 Deg.				
SIZE	DWG NO	REV			
D	FE-00014	1			
SCALE			SHEET 1 OF 2		





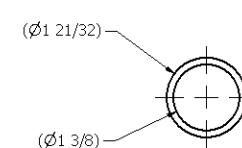
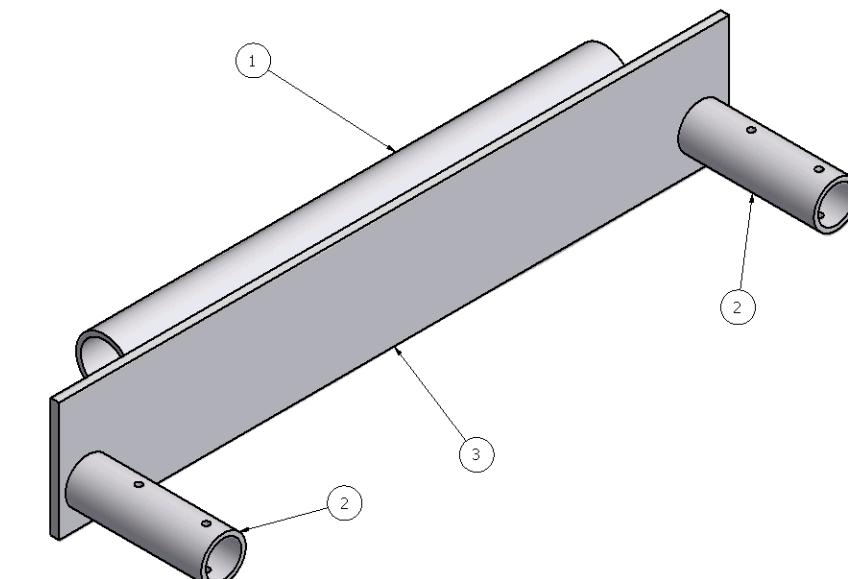
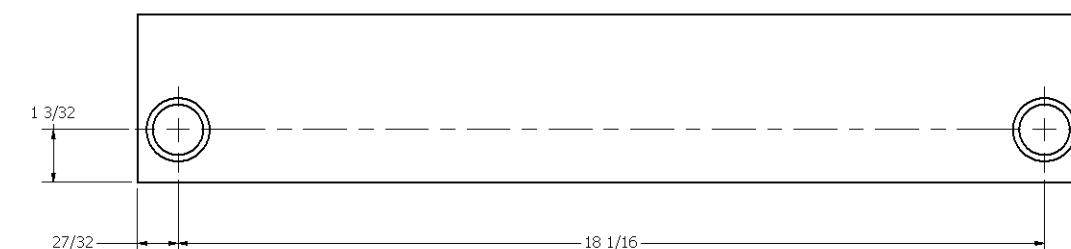
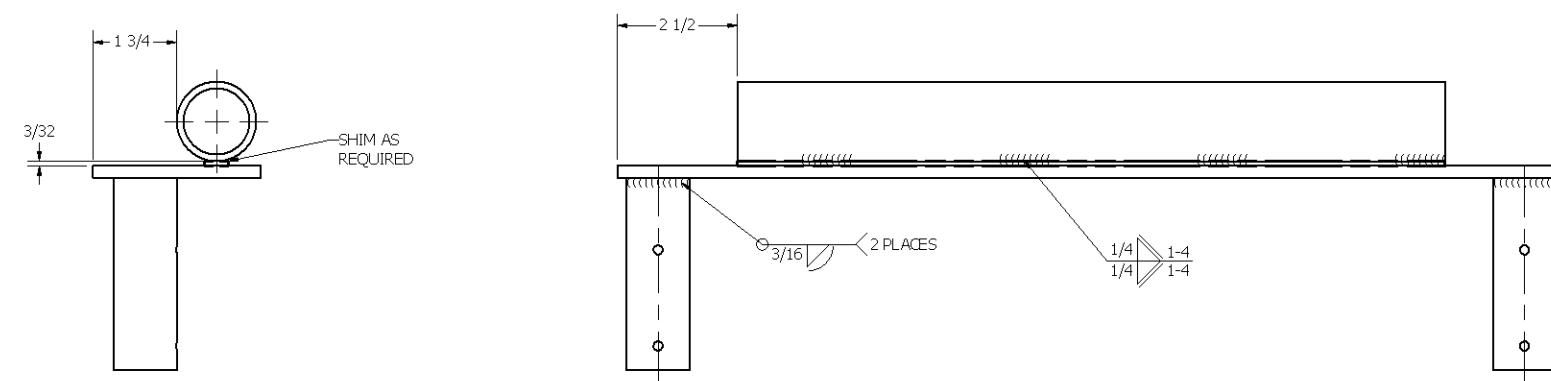
Notes:

1. Material to be HDPE, Yellow.
2. Remove all sharp edges

DRAWN dfoster	1/2/2009	<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	Trip Guard		
.00	+/- .01	SIZE		
.000	+/- .005	DWG NO		
ANGULAR	+/- .25 Deg.	FE-00015		
SCALE		REV		
SHEET 1 OF 1				

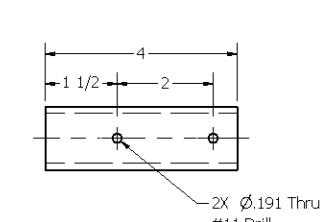
8	7	6	5	4	3	2	1
				↓			

REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	redrawn	5/30/2008	narosenberg

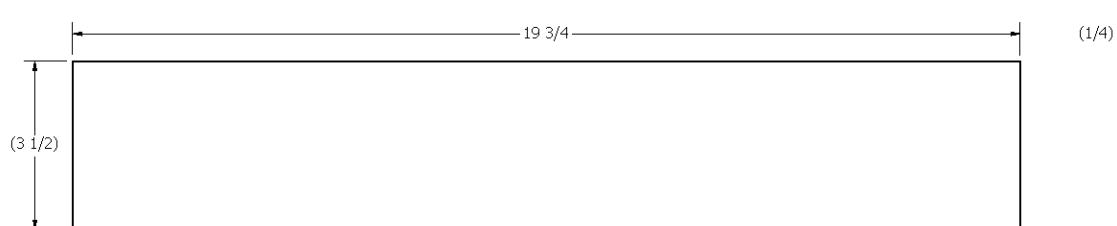


ITEM: 1, FE-00018-01 CONNECTING TUBE  
RESOURCE: 1  
SCALE: 1/2

RESOURCES		
RESOURCE	QTY.	DESCRIPTION
1	15"	1 1/4" SCHEDULE 40 6061-T6 ALUMINUM PIPE
2	8"	1" SCHEDULE 40 6061-T6 ALUMINUM PIPE
3	20"	3 1/2" X 1/4" 6061-T6 ALUMINUM BAR



ITEM: 2, FE-00018-02 INSERT TUBE  
RESOURCE: 2  
SCALE: 1/2



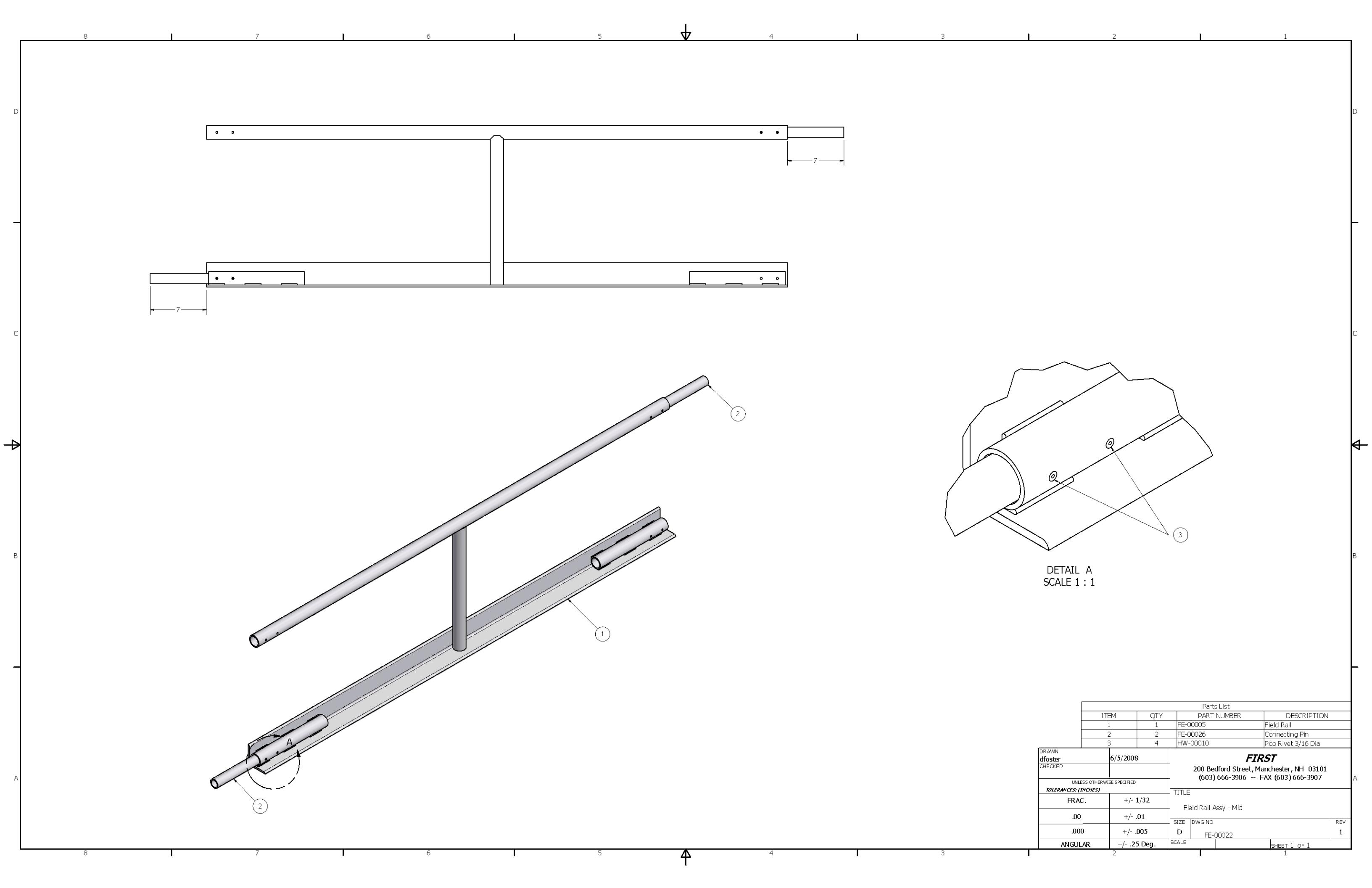
ITEM: 3, FE-00018-03 MOUNTING PLATE  
RESOURCE: 3  
SCALE: 1/2

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	FE-00018-01	Connecting Tube
2	2	FE-00018-02	Insert Tube
3	1	FE-00018-03	Mounting Plate

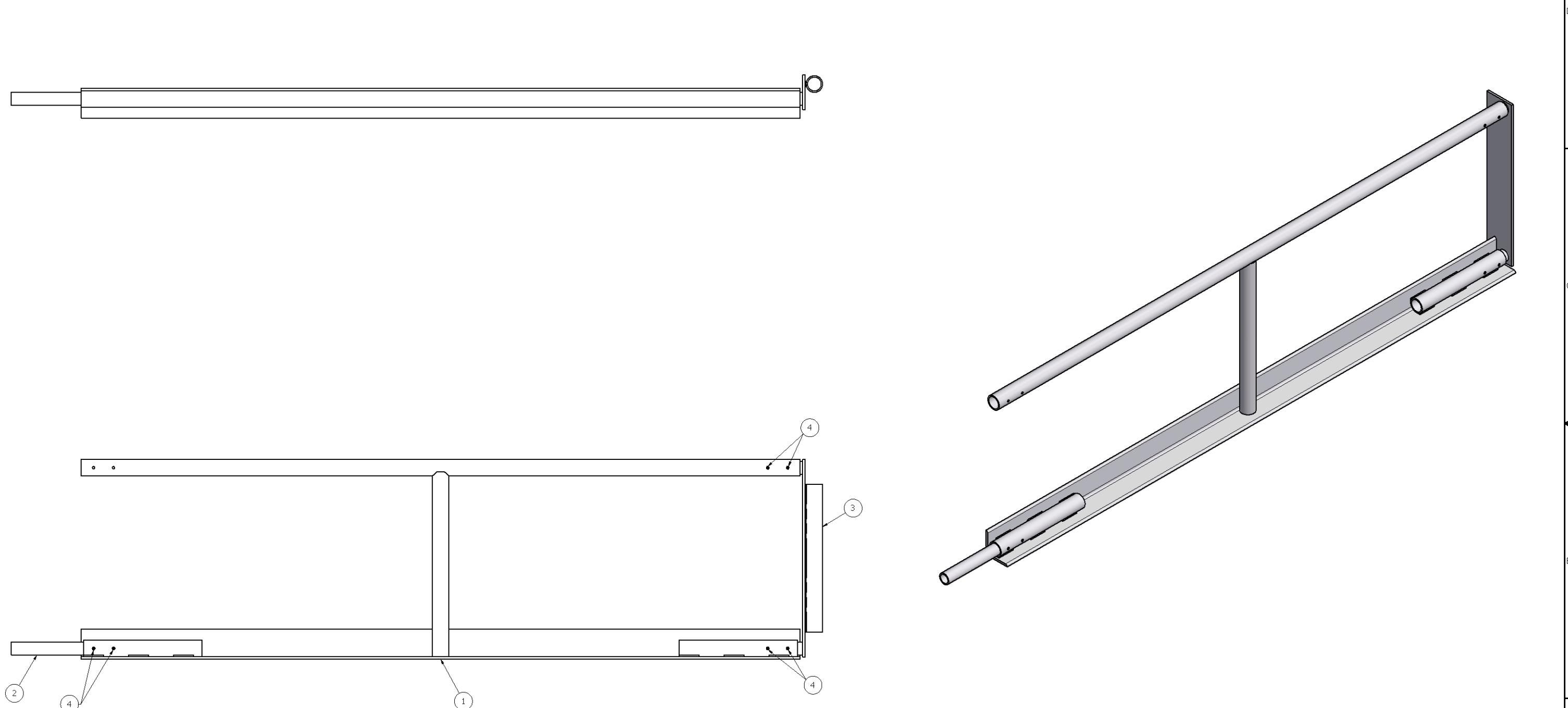
  

DRAWN dfoster	5/30/2008	TITLE CORNER CONNECTOR
CHECKED narosenberg	8/4/2008	
UNLESS OTHERWISE SPECIFIED		
TOLERANCES: (INCHES)		
FRAC.	+/- .1/32	
.00	+/- .01	
.000	+/- .005	
ANGULAR	+/- .25 Deg.	

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

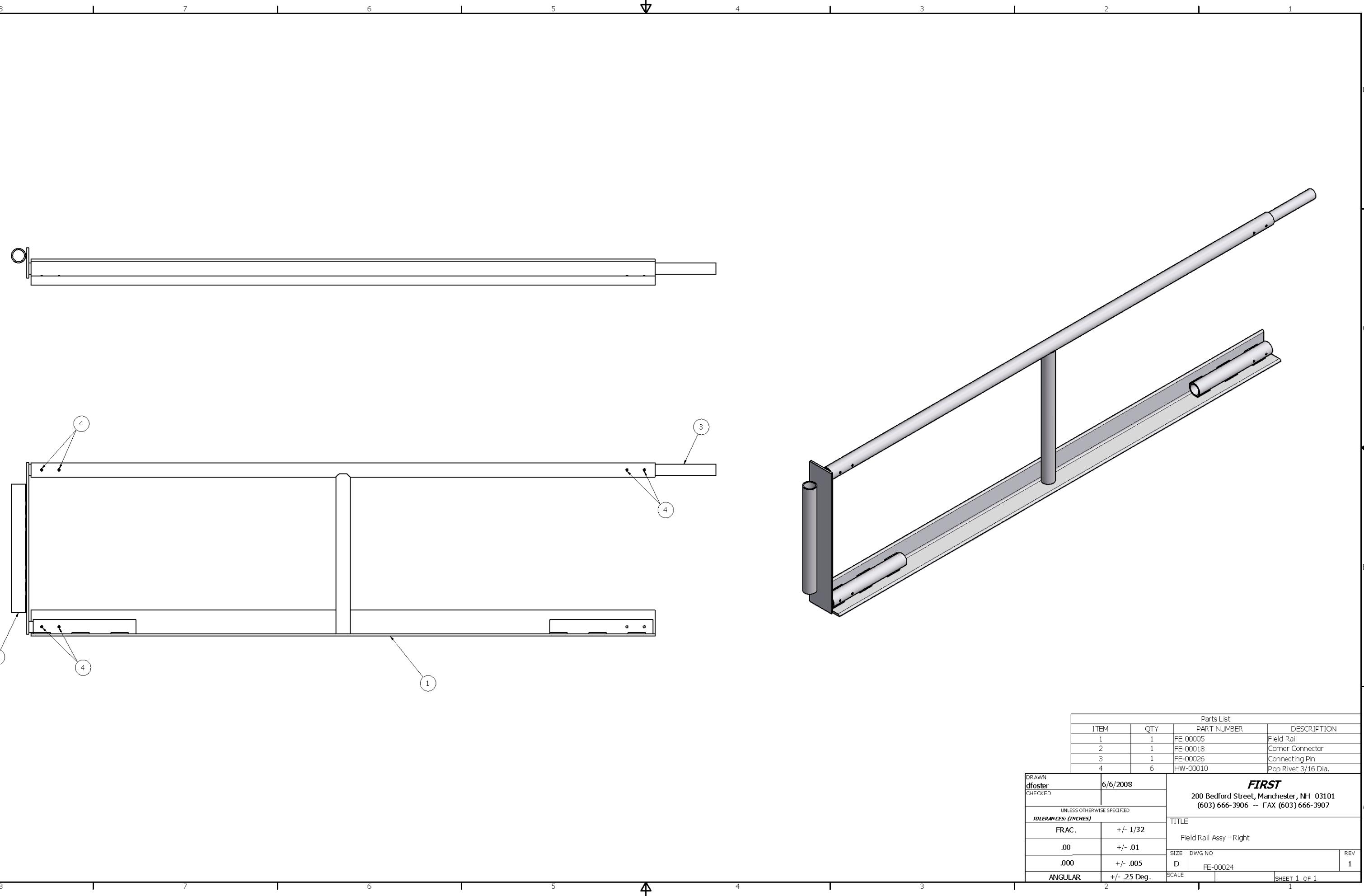


8 7 6 5 4 3 2 1



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	FE-00005	Field Rail
2	1	FE-00026	Connecting Pin
3	1	FE-00018	Corner Connector
4	6	HW-00010	Pop Rivet 3/16 Dia.

DRAWN dfoster	6/6/2008	<b>FIRST</b>	
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)			
FRAC.	+/- .032	TITLE	
.00	+/- .01	Field Rail Assy - Left	
.000	+/- .005	SIZE	DWG NO
ANGULAR	+/- .25 Deg.	D	FE-00023
		REV	1
		SCALE	
		SHEET 1 OF 1	



4

3

2

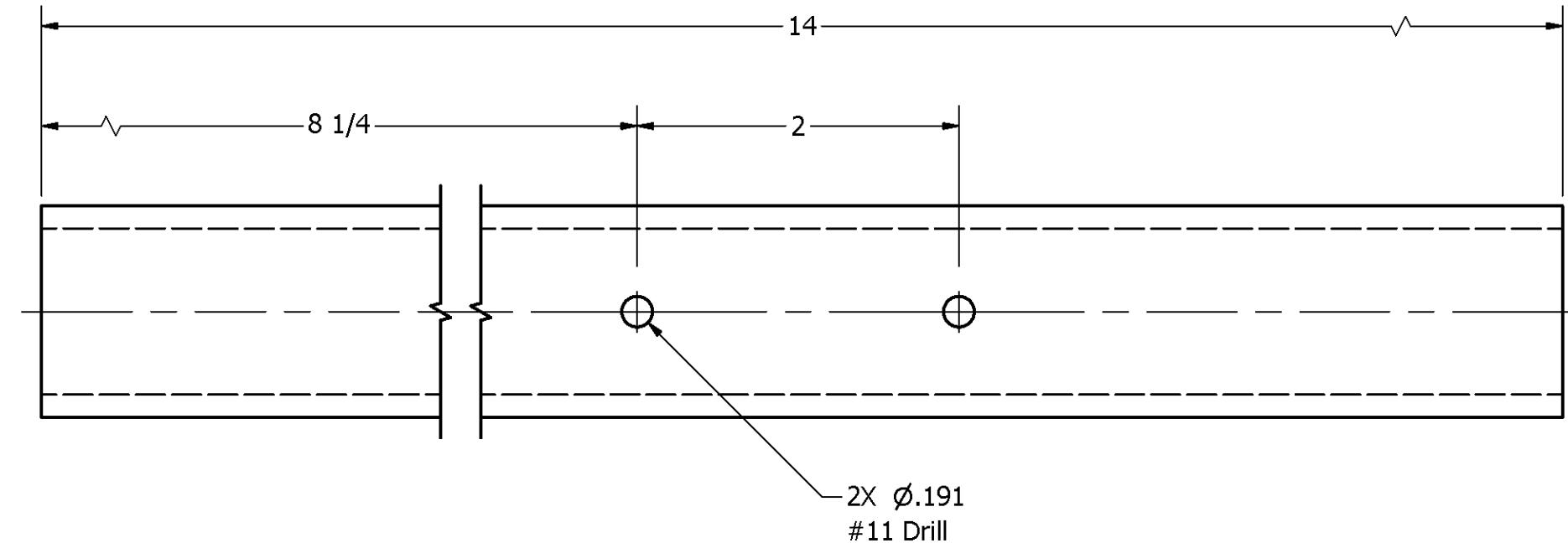
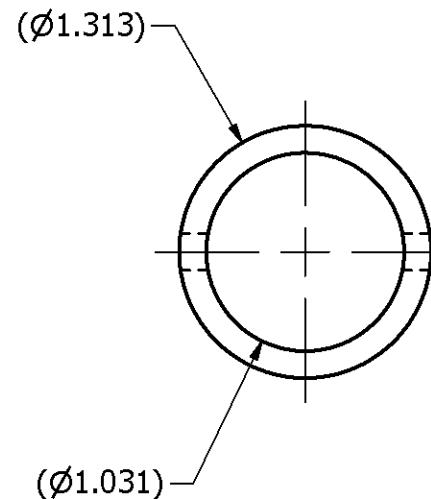
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## REVISION HISTORY

ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	redrawn	6/5/2008	dfoster

B

B



## Notes:

1. Material: 1" Schedule 40 Pipe, 6061-T6 Aluminum
2. Remove all sharp edges.

DRAWN dfoster	6/5/2008
CHECKED narosenberg	8/4/2008

UNLESS OTHERWISE SPECIFIED

*TOLERANCES: (INCHES)*

FRAC.	+/-.132	TITLE		
.00	+/-.01	Connector Pin		
.000	+/-.005	SIZE	DWG NO	REV
ANGULAR	+/-.25 Deg.	B	FE-00026	1
		SCALE		SHEET 1 OF 1

4

3

2

1

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

4

1

3

4

2

1

REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	redrawn	8/8/2008	dfoster

D

D

C

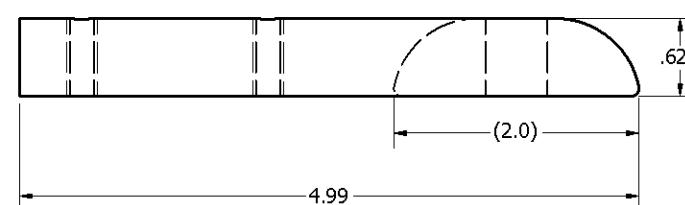
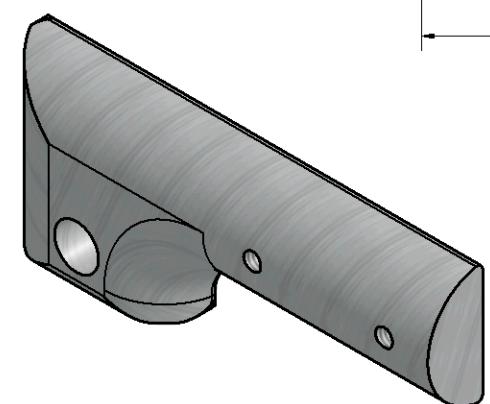
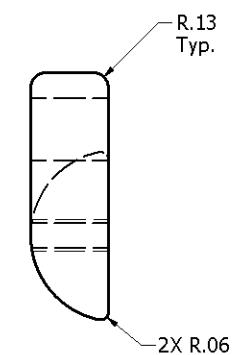
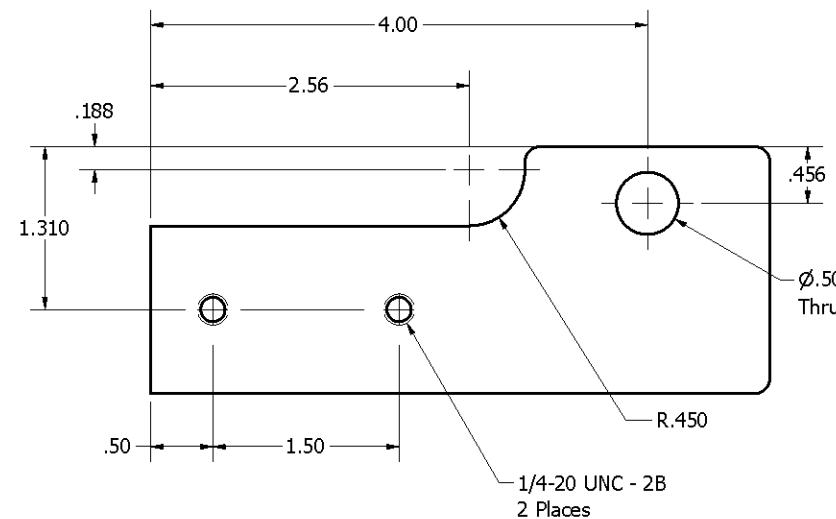
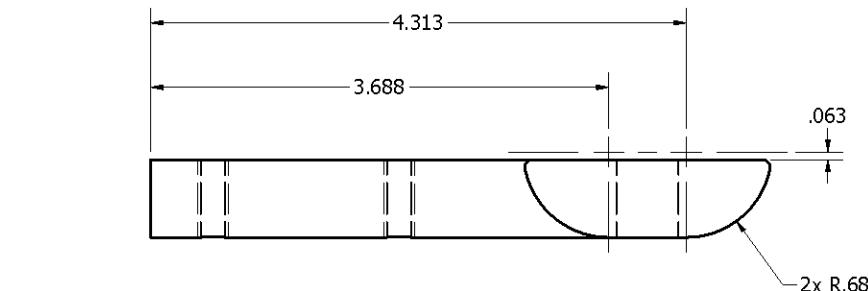
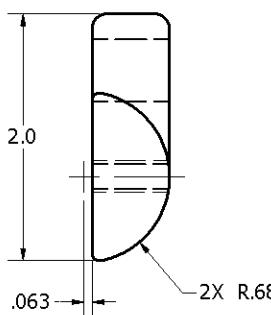
C

B

B

A

A



#### Notes:

1. Material: 6063 Aluminum
2. Remove all sharp edges

DRAWN dfoster	8/8/2008	<b>FIRST</b>					
CHECKED narosenberg	8/8/2008	200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)							
FRAC.	+/- 1/32	TITLE					
.00	+/- .01	Hinge, Insert					
.000	+/- .005	SIZE	DWG NO	REV			
ANGULAR	+/- .25 Deg.	C	FE-00027	1			
SCALE							
SHEET 1 OF 1							

4

3

2

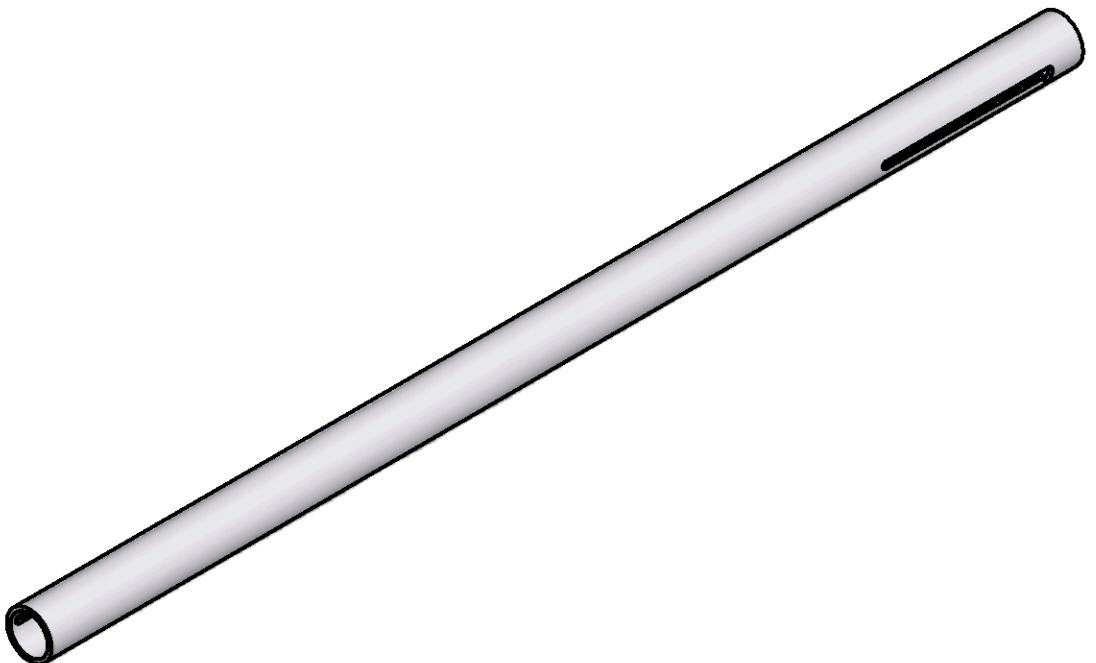
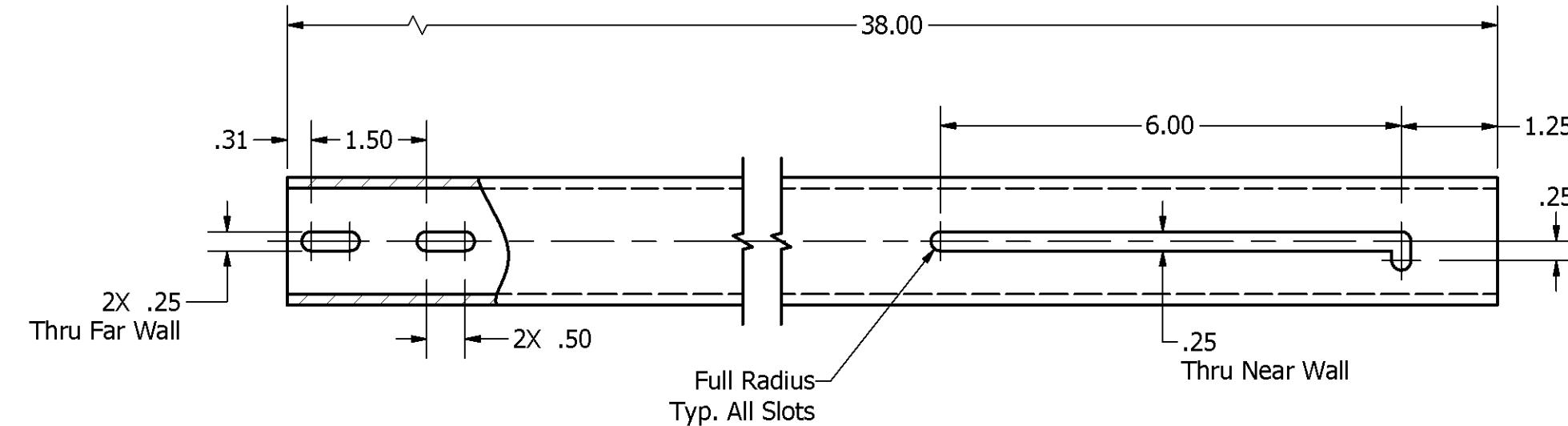
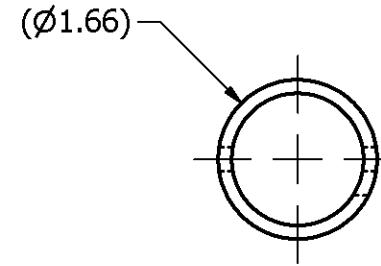
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## REVISION HISTORY

ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	Redrawn	8/6/2008	dfoster

B

B



## Notes:

1. Material: 1-1/4" Aluminum 6061-T6 Schedule 40 Pipe
2. Remove all sharp edges.

DRAWN dfoster	8/7/2008	<b>FIRST</b>		
CHECKED narosenberg	8/12/2008	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	Arm, Field Gate		
.00	+/- .01	SIZE	DWG NO	REV
.000	+/- .005	B	FE-00028	1
ANGULAR	+/- .25 Deg.	SCALE		SHEET 1 OF 1

4

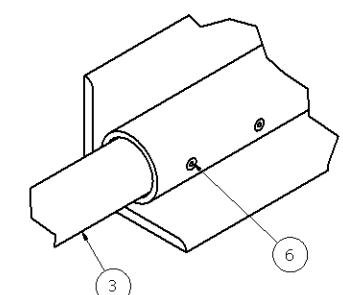
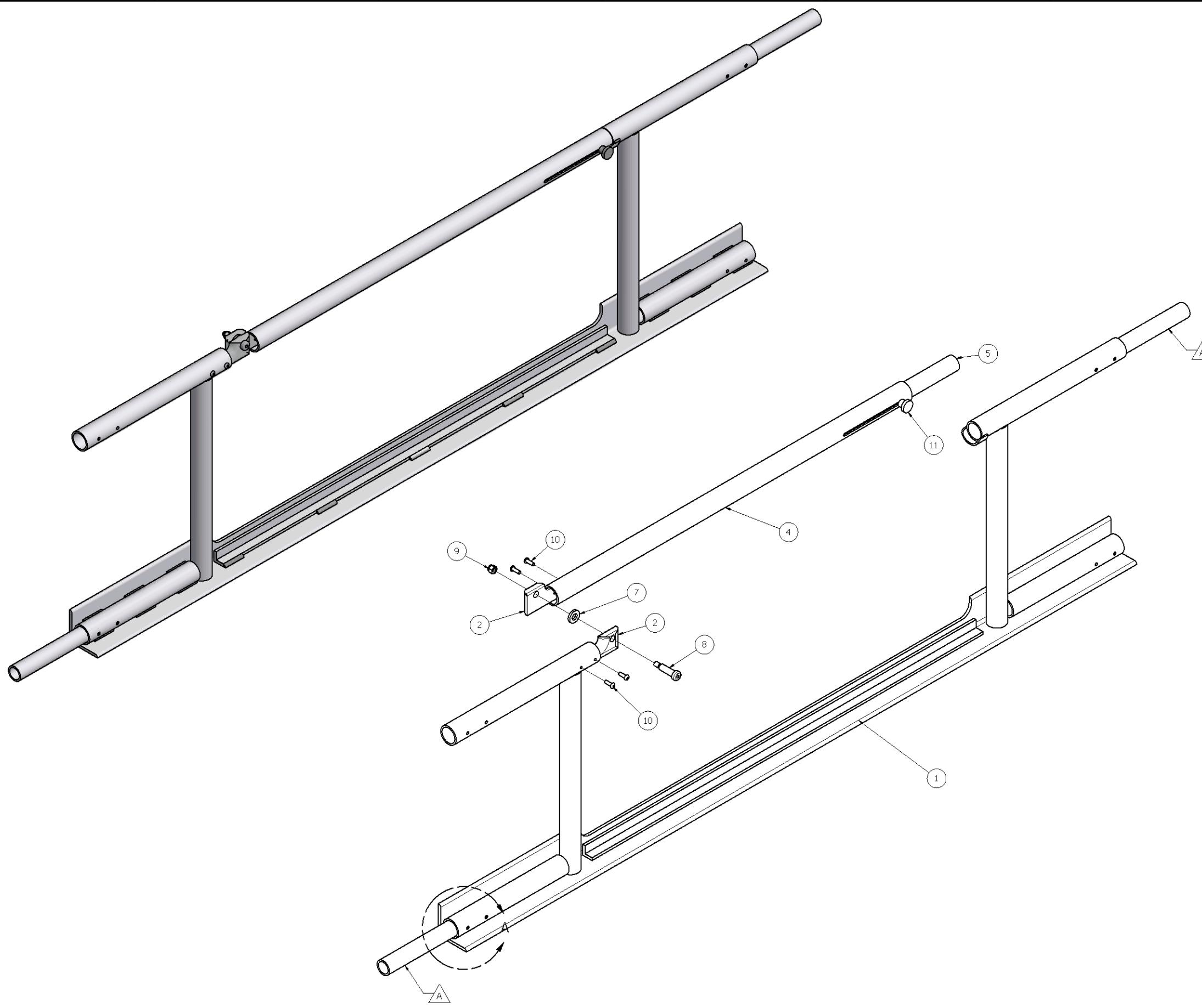
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2

1

8	7	6	5	4	3	2	1
D	D	D	D	D	D	D	D

REVISION HISTORY		REV	DESCRIPTION	DATE	APPROVED
C-2, A-6, C-3	A		Relocated Item 3 (x2), Relocated Detail A	1/7/2009	dfoster



DETAIL A  
SCALE 1 / 2  
Typ. 2 Places

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	FE-00006	Field Gate, Weldment
2	2	FE-00027	Hinge Insert
3	2	FE-00026	Connecting Pin
4	1	FE-00028	Arm, Field Gate
5	1	FE-00031	Slide, Gate
6	4	HW-00010	Pop Rivet 3/16 Dia.
7	1	HW-00035	Washer, Flat 1/2"
8	1	HW-00036	Socket Head Shoulder Screw, 1/2" x 1.5"
9	1	HW-00026	Nut, Nylock 3/8-16 Zinc Plate
10	4	HW-00037	Socket Button Head Cap Screw, 1/4-20 x .75"
11	1	PP-00012	Knob, Round Knurled with threaded Stud McMaster-Carr 6091K61

DRAWN dfoster	1/2/2009	FIRST 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.	
SIZE D	DWG NO FE-00029	REV A
SCALE	SHEET 1 OF 1	

8 7 6 5 4 3 2 1  
D D D D D D D D  
A A A A A A A A

4

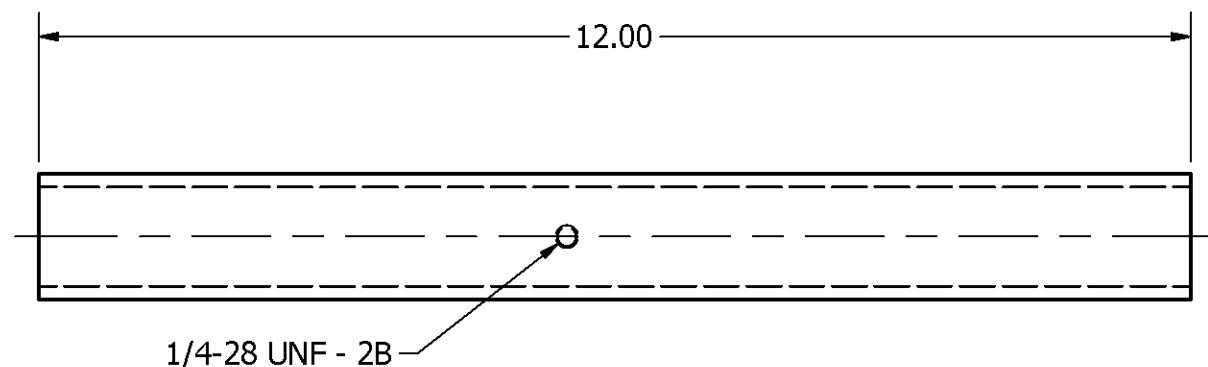
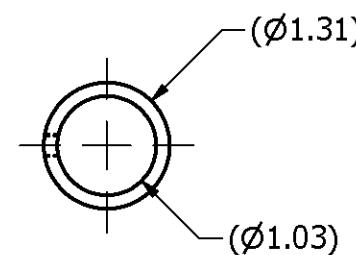
3

2

1

B

B



## Notes:

1. Material: 1" Schedule 40 Aluminum 6061-T6.
2. Remove all sharp edges.

DRAWN dfoster	1/2/2009	<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	TITLE			
.00	+/- .01	Slide, Gate			
.000	+/- .005	SIZE	DWG NO	REV	
ANGULAR	+/- .25 Deg.	B	FE-00031		
SCALE					
SHEET 1 OF 1					

4

3

2

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1

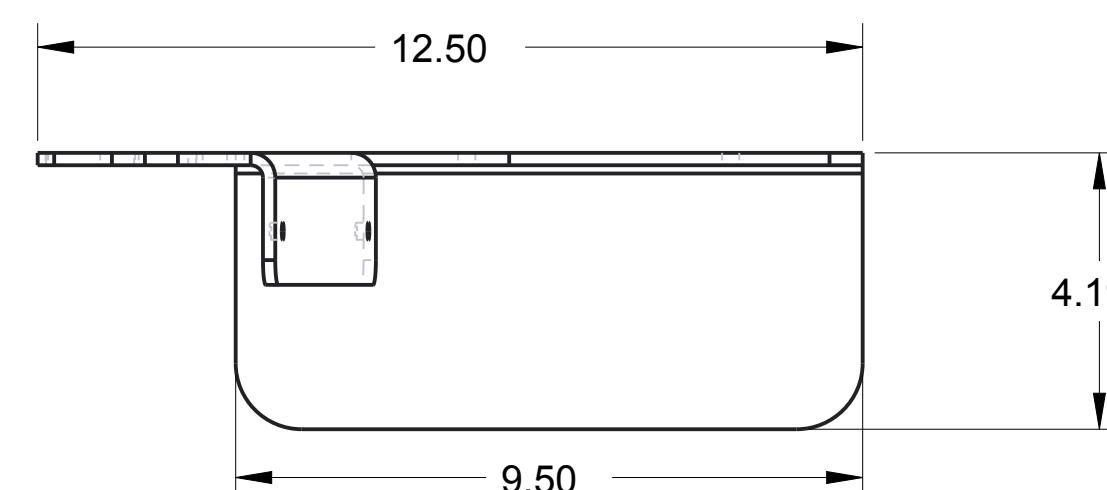
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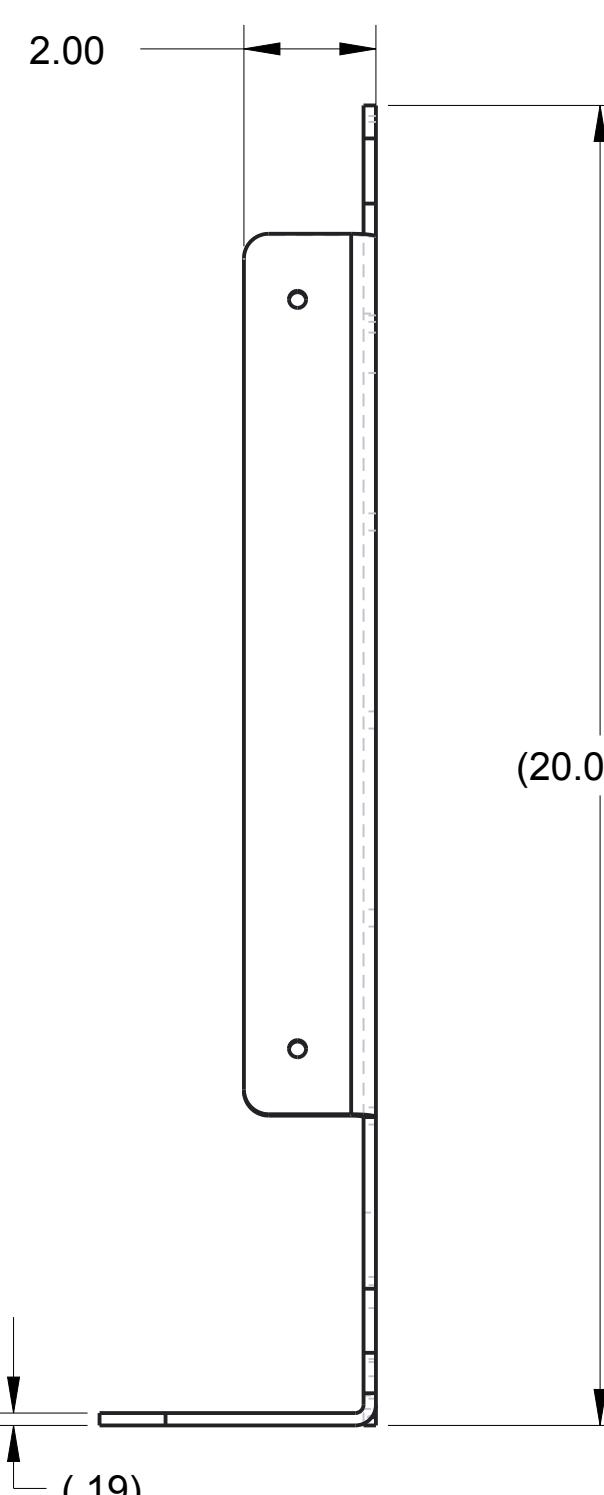
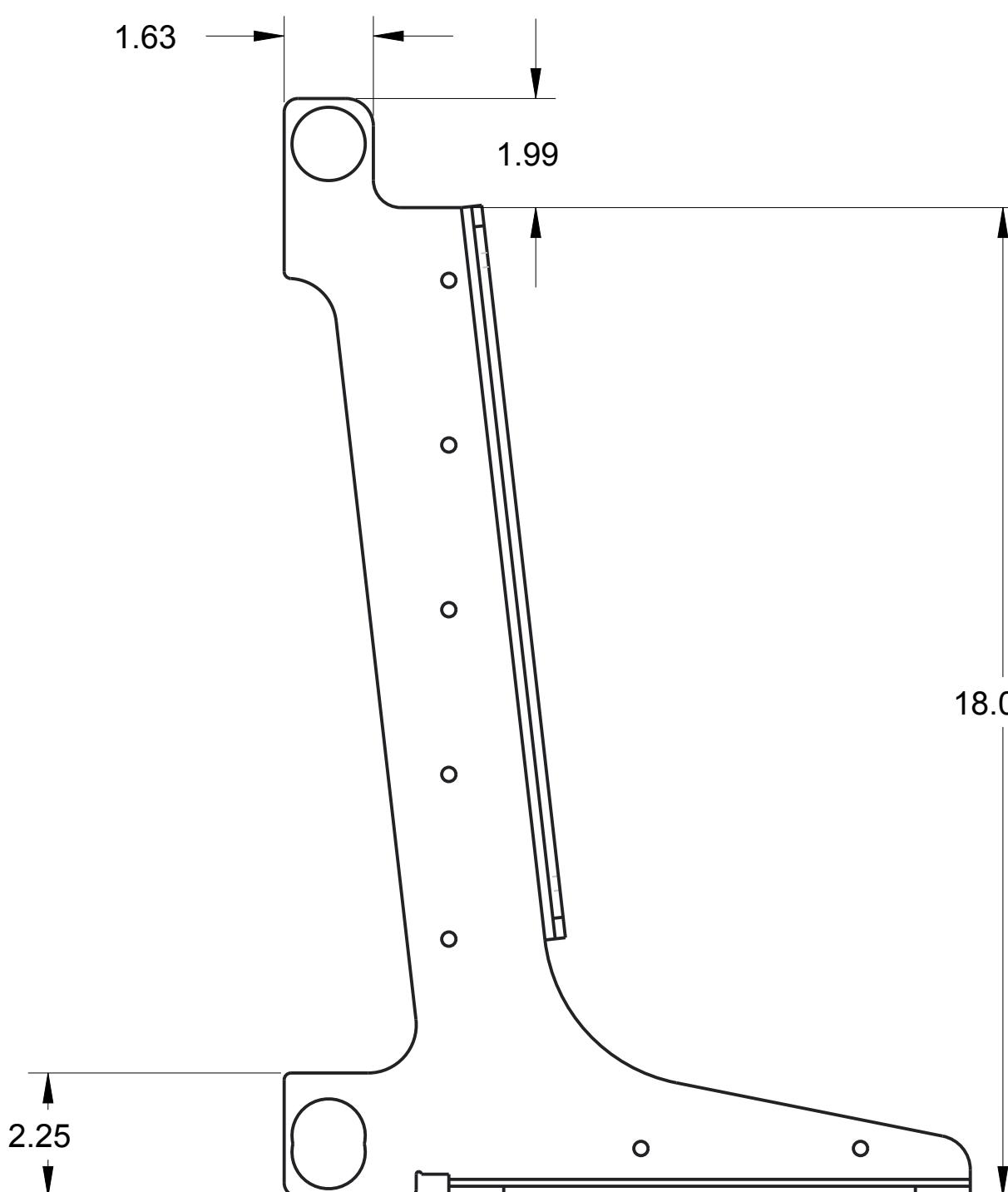
4

MODEL NAME  
FE-00050TITLE  
Outrigger

D



C



## Note:

Material: 5052 Aluminum Sheet, 3/16" Thick

This drawing represents overall dimensions for AndyMark AM-2810. Please see the AndyMark website for more details regarding part dimensions.

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREON OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION		SCALE 11:32	SHEET 1 OF 1
DO NOT SCALE	TITLE	Outrigger	
PROJECT	MODEL NAME	FE-00050	ISSUE

1

2

3

4

1

2

3

4

D

D

C

C

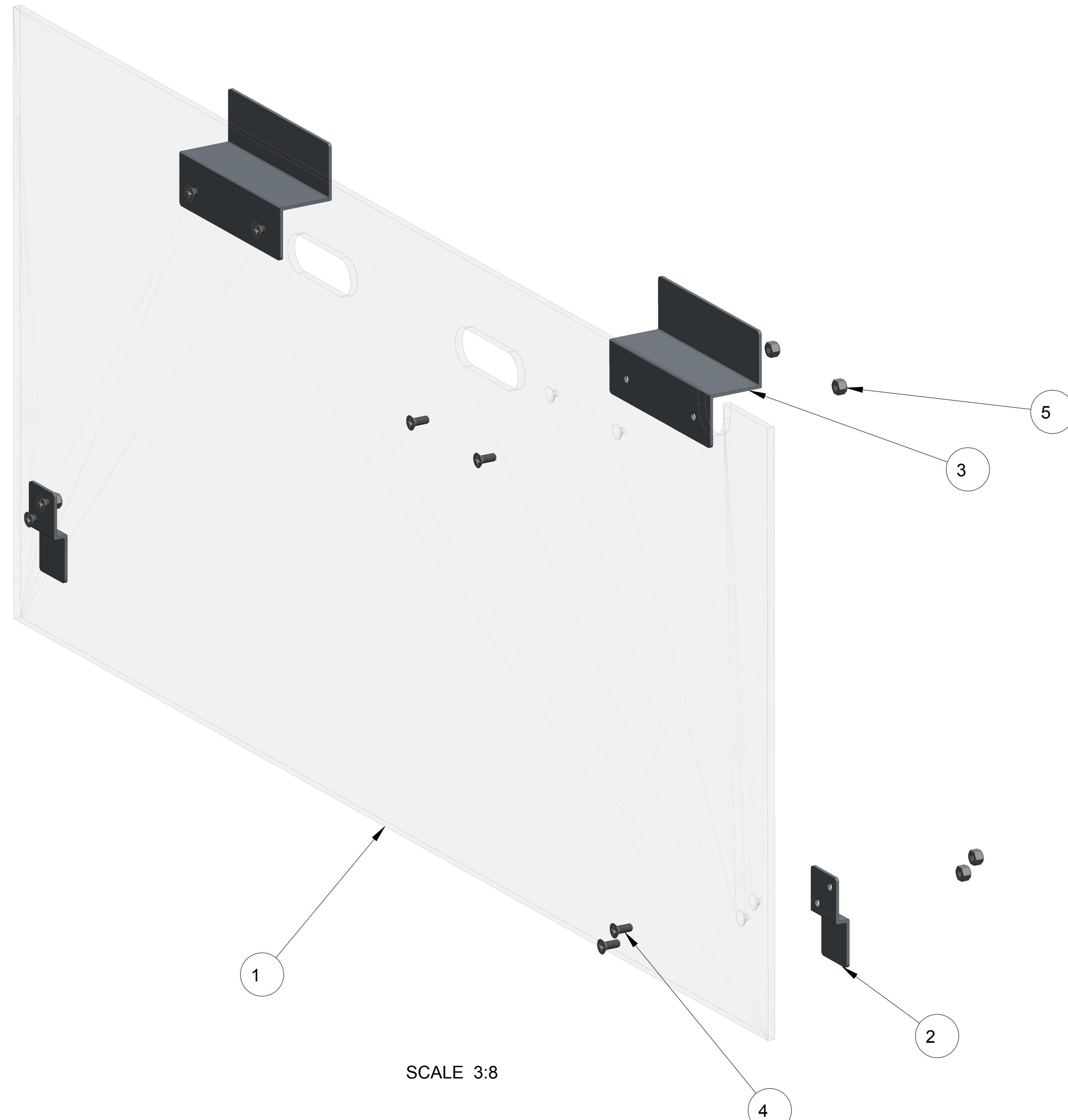
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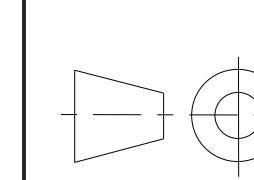
A

A

MODEL NAME FE-00047	TITLE Gate Plastic Assembly
------------------------	--------------------------------



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	FE-00044	1	Field Plastic, G	
2	FE-00045	2	Lower Z-Bracket	
3	FE-00046	2	Upper Z-Bracket	
4	HW-00047-01	8	5/8 Phillips Machine Screw 1/4-20	
5	HW-00047-02	8	1/4-20 Nyloc Hex Nut	

 <small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1</small>	 <small>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREON OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION</small>	DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 7:64	SHEET 1 OF 1
TITLE		Gate Plastic Assembly	
PROJECT		MODEL NAME	FE-00047
DO NOT SCALE		ISSUE	

1

2

3

4

ASME STANDARD,INCH

1

2

3

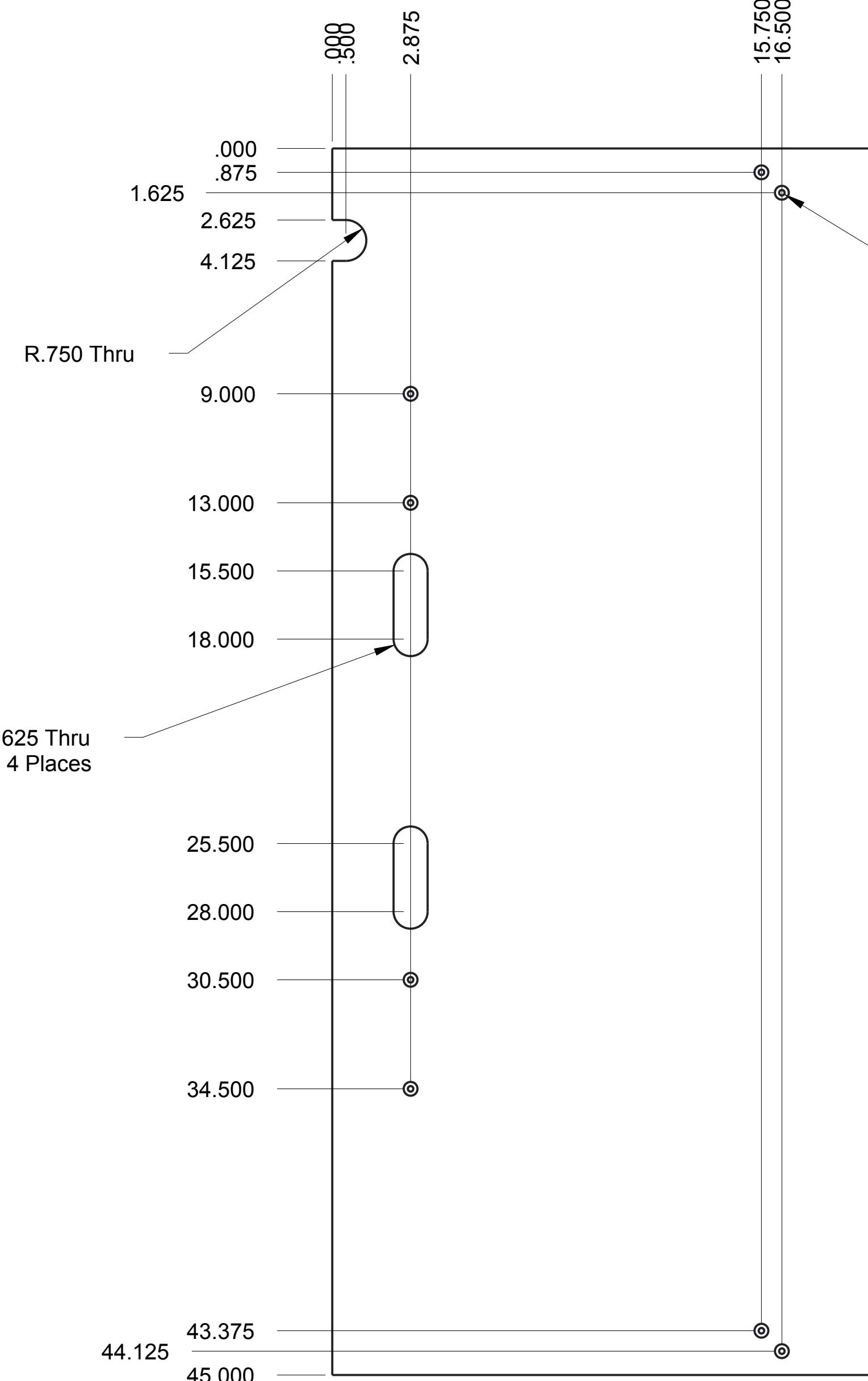
4

MODEL NAME FE-00044	TITLE Field Plastic "G"
------------------------	----------------------------

REV	DESCRIPTION	INITIALS	DATE
A	Added counter sincks, hand holes and a notch	MLC	9/23/14

D

D



∅ .265 Thru to a  
∅ .507, 82° C'Sink  
8 Places

#### NOTES:

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

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:4	SHEET 1 OF 1
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1		TITLE Field Plastic "G"	
DO NOT SCALE		PROJECT	MODEL NAME FE-00044
		ISSUE	

1

2

3

4

1

2

3

4

MODEL NAME  
FE-00046TITLE  
Upper Z-Bracket, Gate Plastic

D

D

C

C

B

B

A

A

3.500

.750

.000

.000

1.000

5.000

6.000

R.125, 4 Places

∅ .265 Thru 2 Places

1.750

1.750

Minimal  
Radius  
TYP

- Notes:
- 1.) 12 Gauge 5052 Aluminum
  - 2.) Remove all burs and sharp edges

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.X +/- 0.001 ANG +/- 1		TITLE	Upper Z-Bracket, Gate Plastic
DO NOT SCALE		PROJECT	MODEL NAME FE-00046
		ISSUE	

1

2

3

4

ASME STANDARD,INCH

1

2

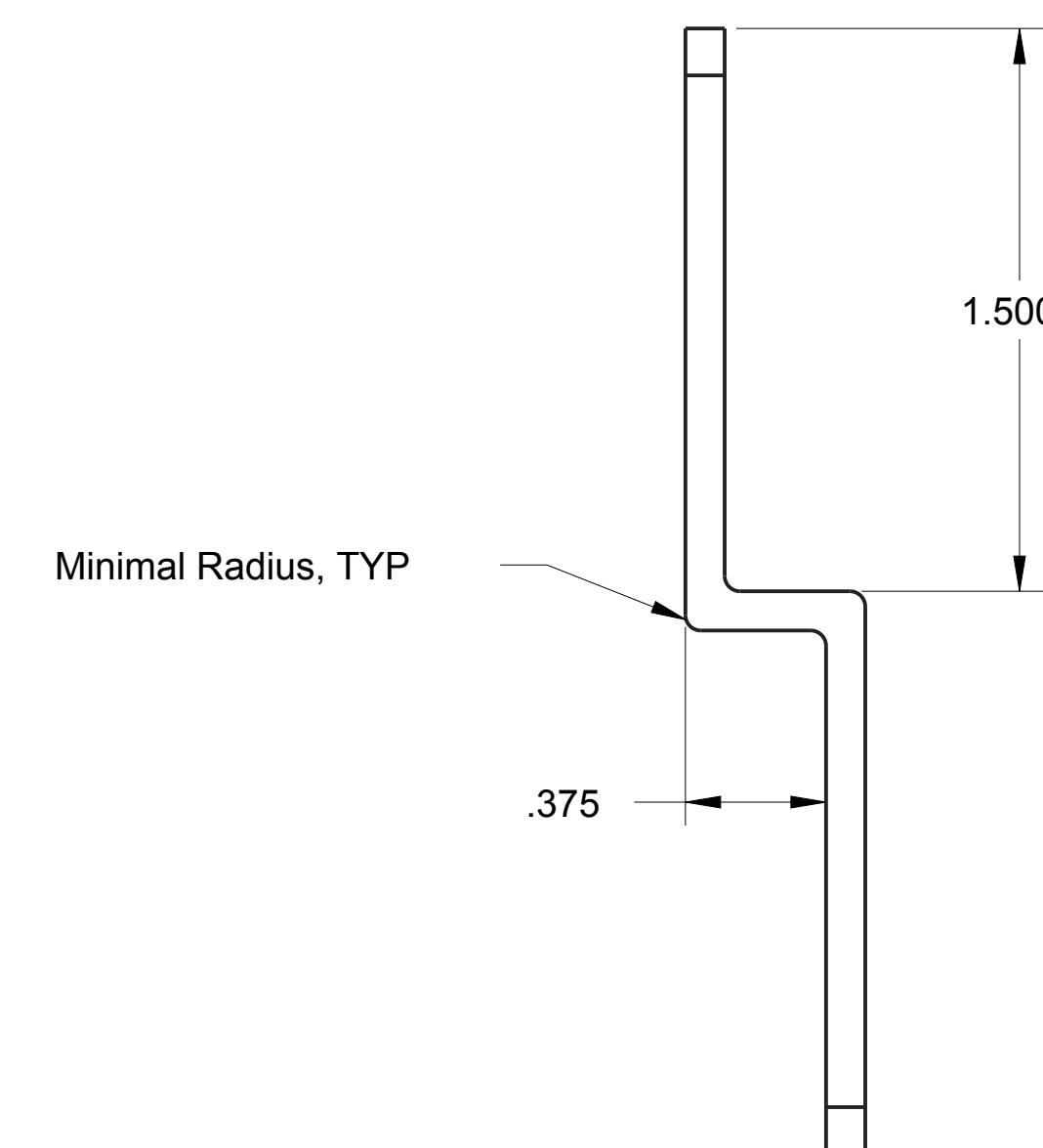
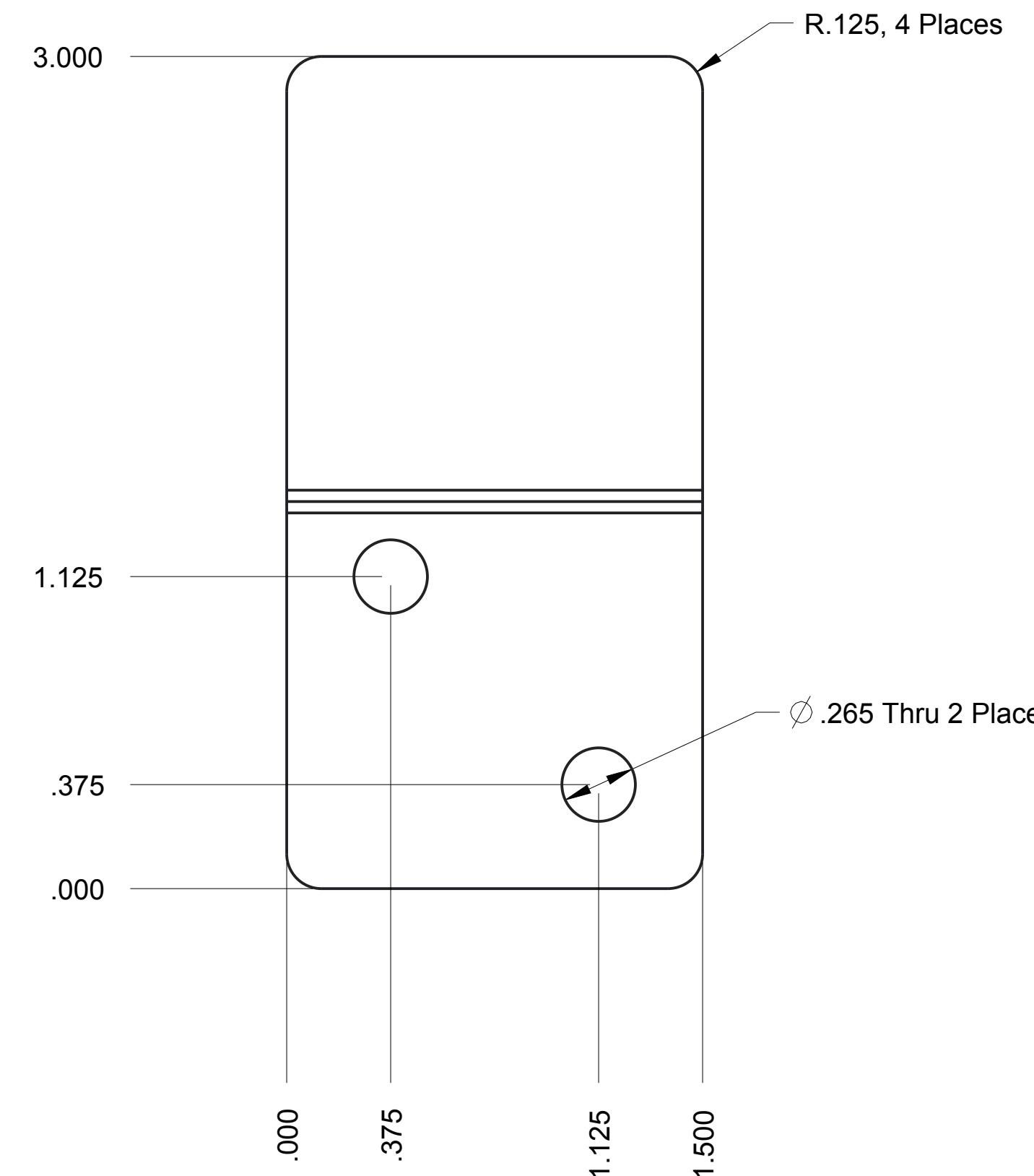
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4

MODEL NAME  
FE-00045TITLE  
Lower Z-Bracket, Gate Plastic

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Notes:

- 1.) 12 Gauge 5052 Aluminum
- 2.) Remove all burrs and sharp edges

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
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	SHEET 1 OF 1		
DO NOT SCALE	TITLE	Lower Z-Bracket, Gate Plastic	
	PROJECT	MODEL NAME	FE-00045
		ISSUE	

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ASME STANDARD, INCH