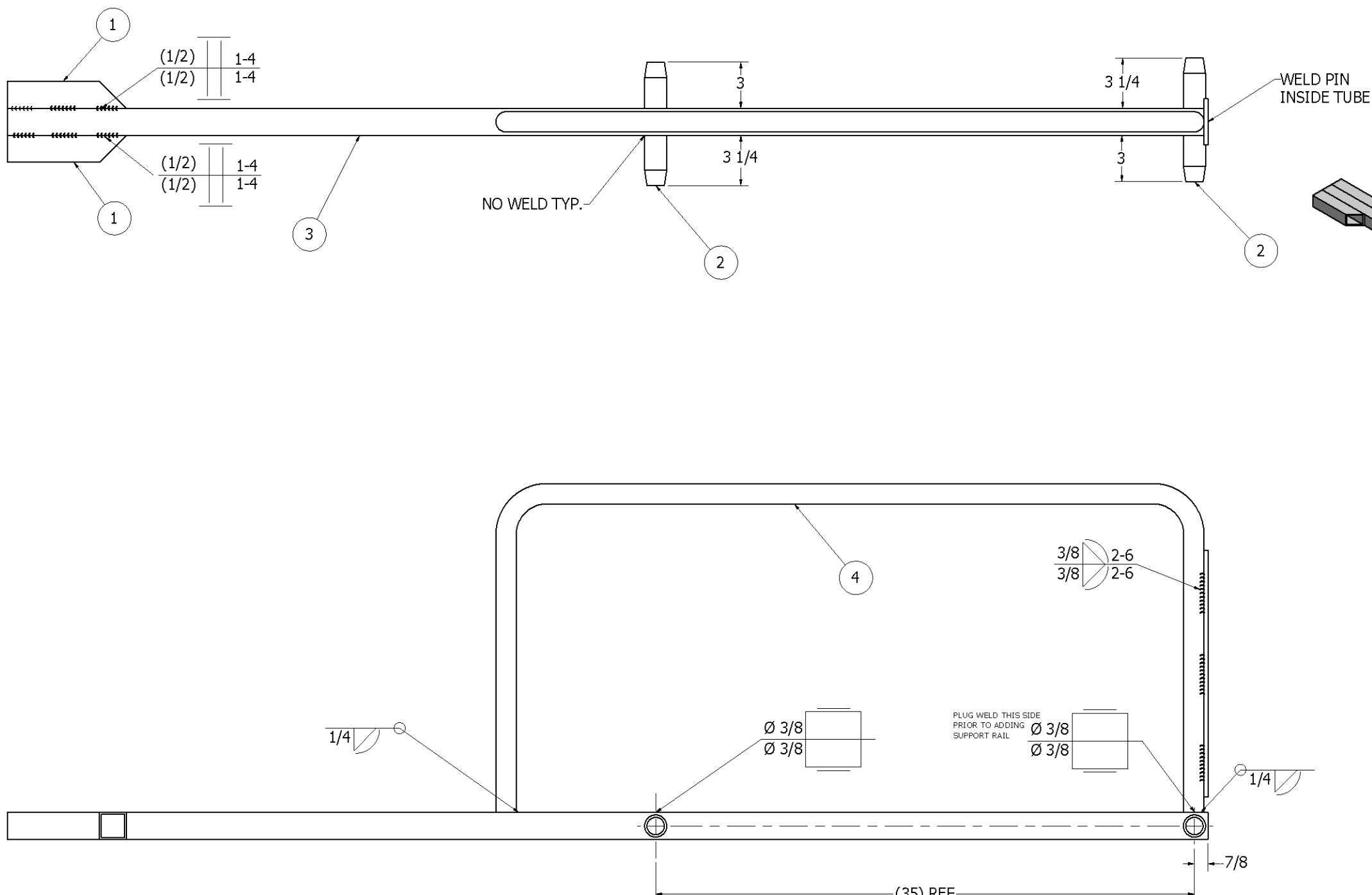


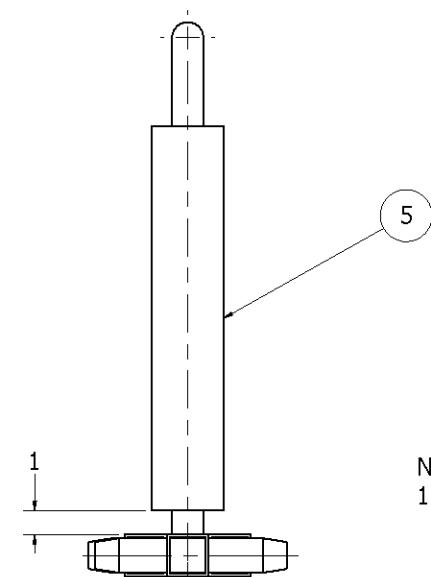
8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

REVISION HISTORY

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



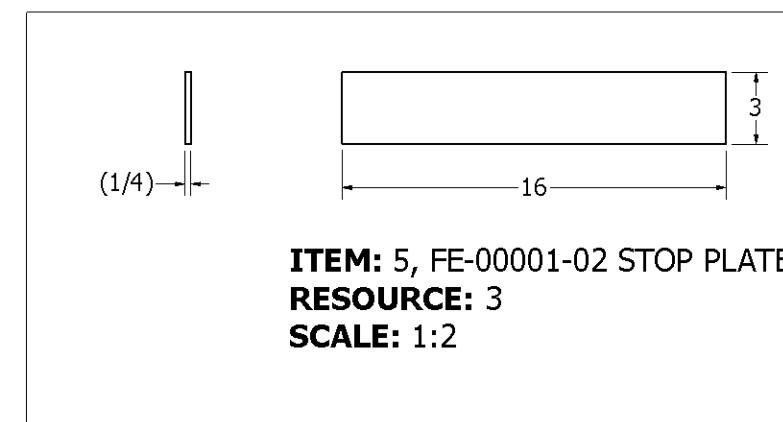
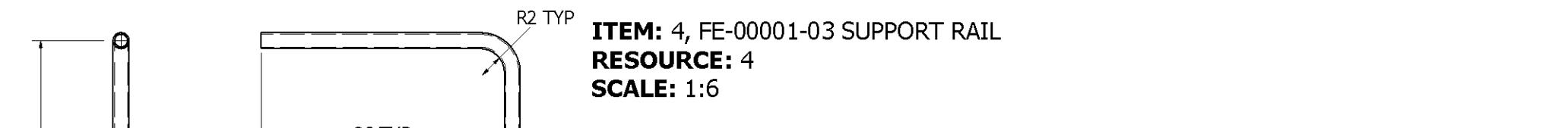
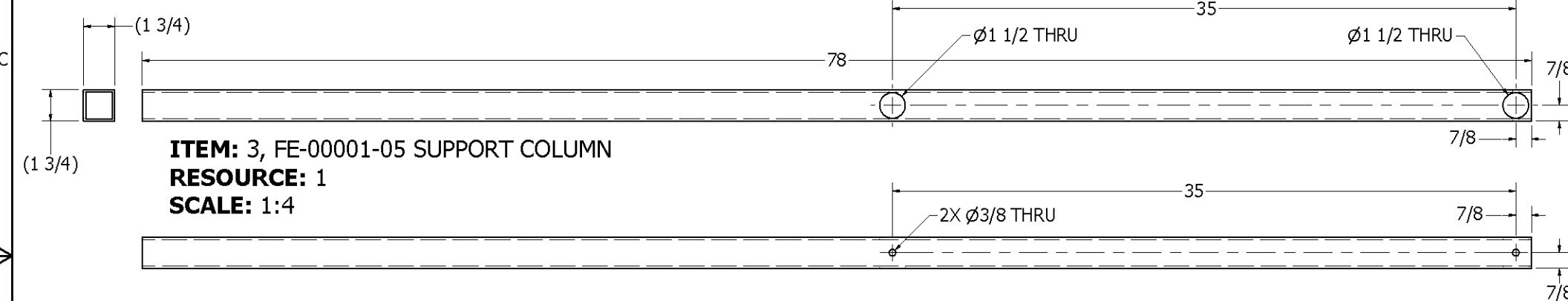
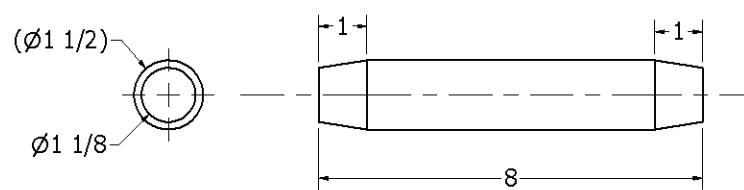
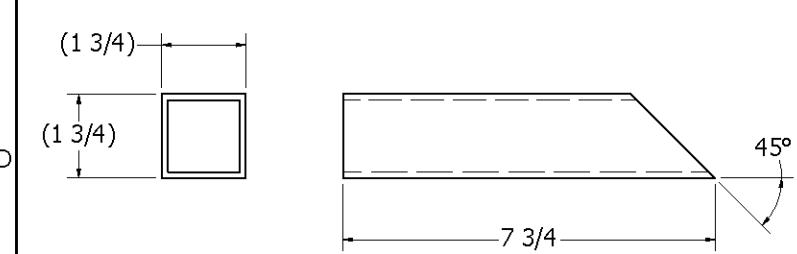
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	FE-00001-01	Connector Tube
2	2	FE-00001-04	Connector Shaft
3	1	FE-00001-05	Support Column
4	1	FE-00001-03	Support Rail
5	1	FE-00001-02	Stop Plate



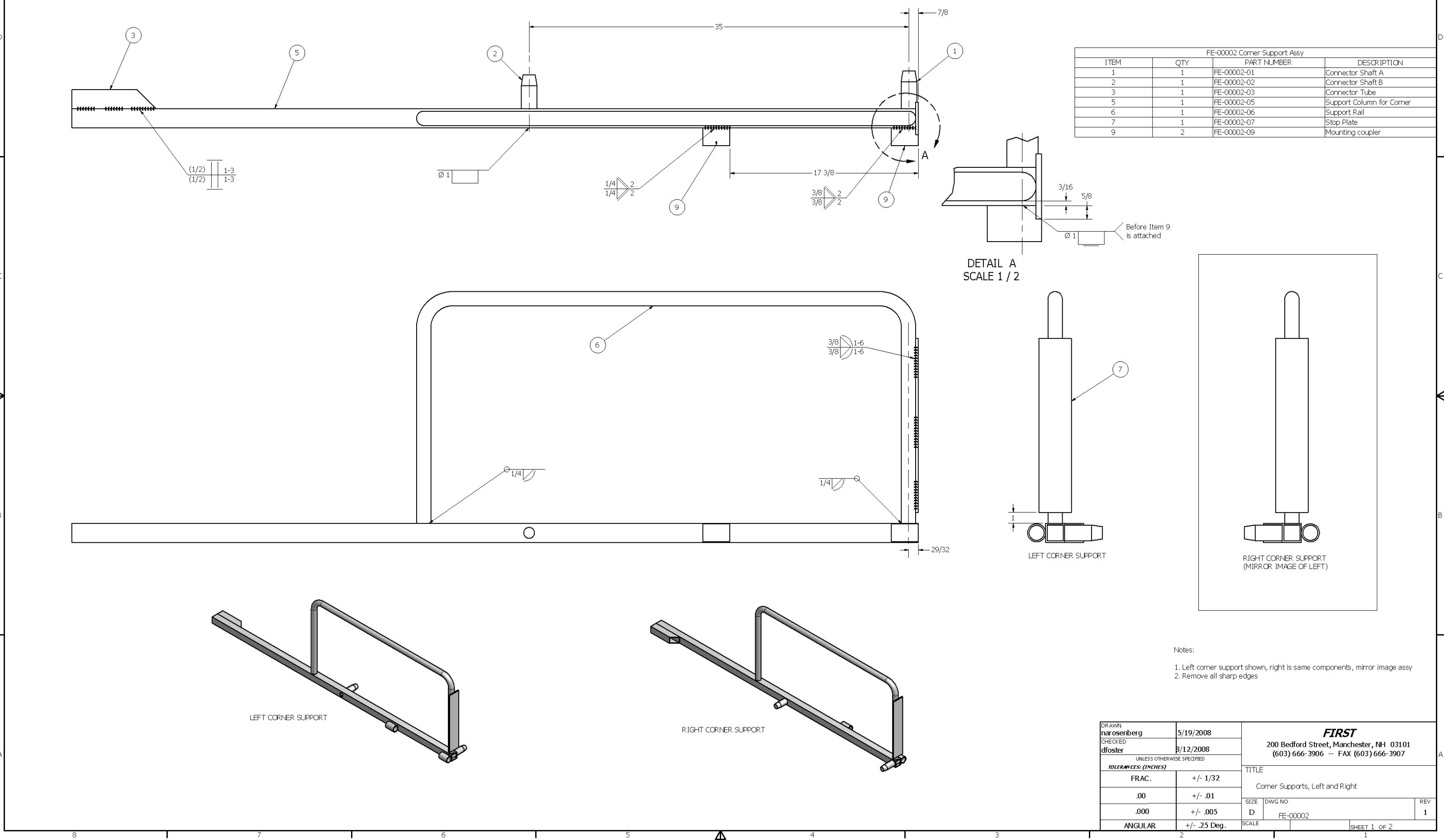
Notes:
1. Remove all sharp edges

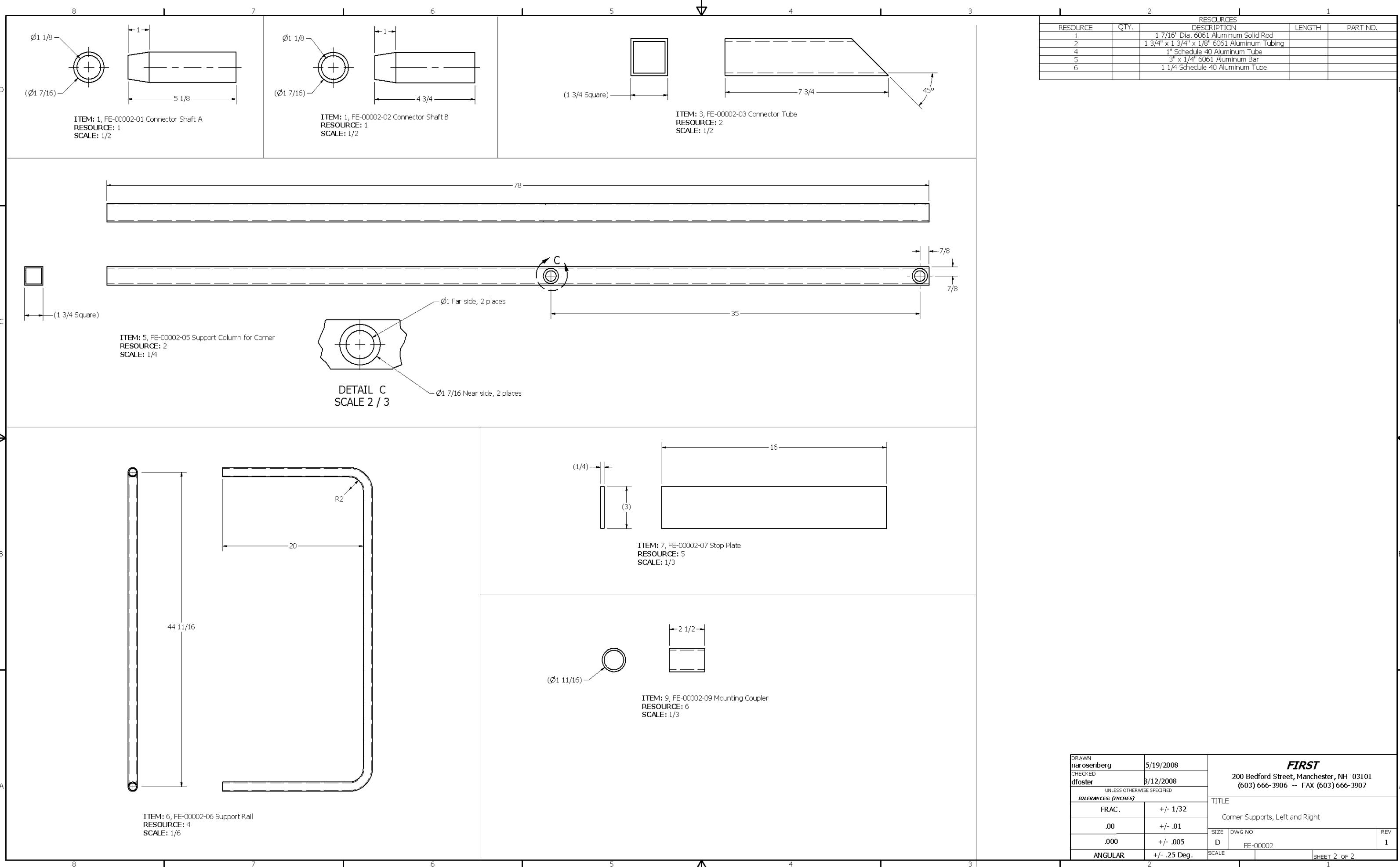
DRAWN narosenberg	5/14/2008	FIRST 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907
CHECKED dfoster	8/1/2008	
UNLESS OTHERWISE SPECIFIED		
TOLERANCES: (INCHES)		
FRAC.	+/- .1/32	
.00	+/- .01	
.000	+/- .005	
ANGULAR	+/- .25 Deg.	
SIZE	DWG NO	REV
D	FE-00001	1
SCALE		
SHEET	1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





4

3

2

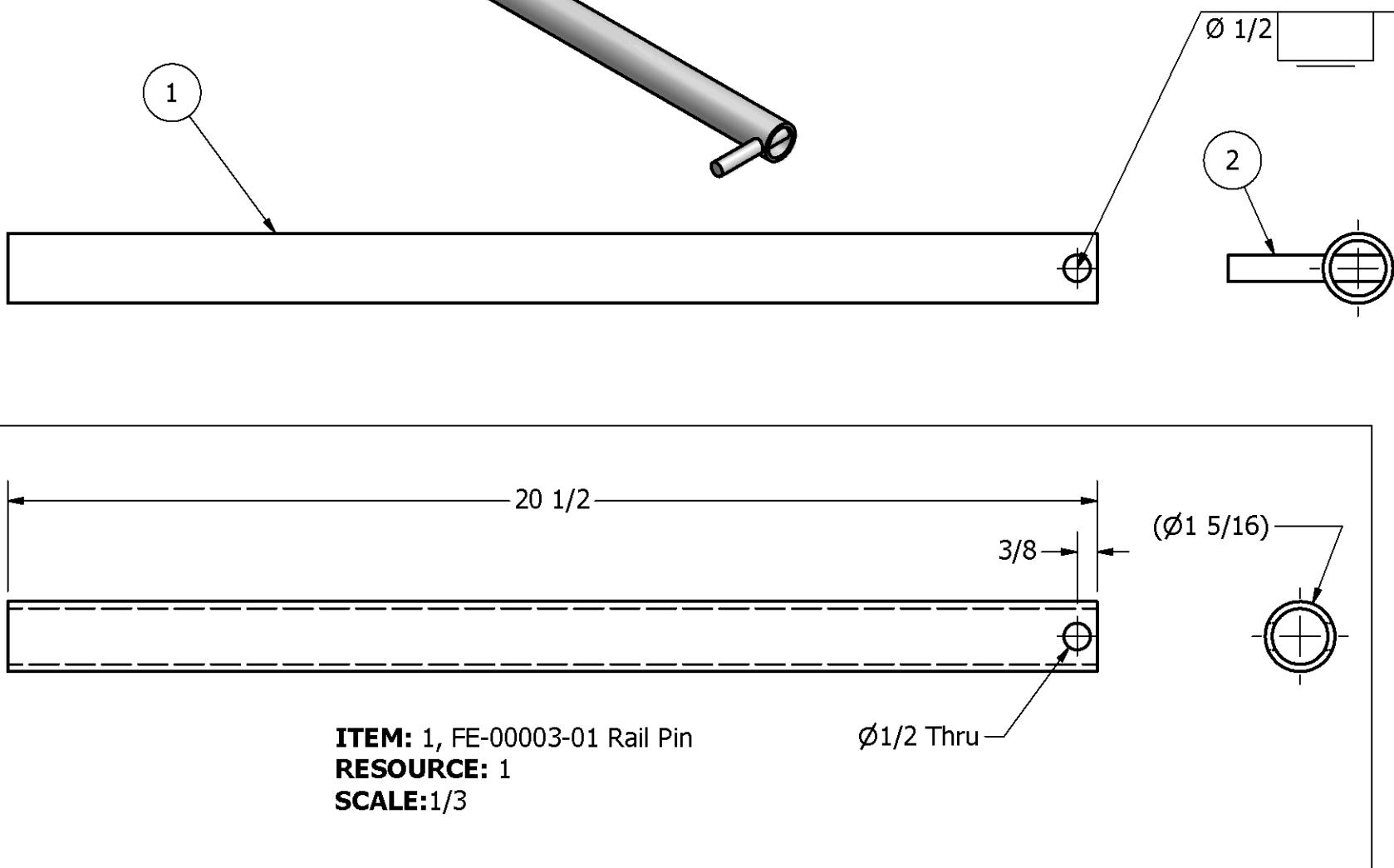
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B

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Table

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



FE-00003 Rail Pin Assy Parts List

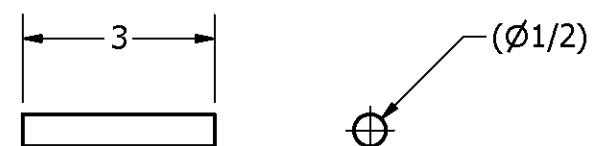
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	FE-00003-01	Rail Pin
2	1	FE-00003-02	Pull Rod

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	
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

Rail Pin Assy

SIZE

B

DWG NO

FE-00003

REV

4

3

2

1

↓

SHEET 1 OF 1

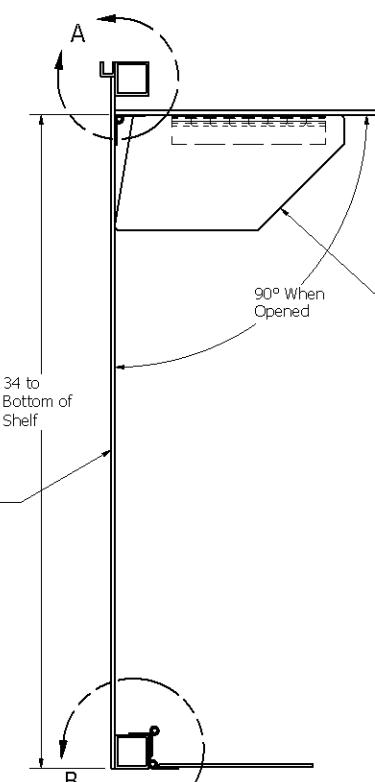
Revisions			
REV	DESCRIPTION	DATE	APPROVED
1	Redraw	5/20/2008	narosenberg
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	FE-00004-01	Panel, Diamond Plate
2	2	FE-00004-02	Hinge, End Shelf
3	1	FE-00004-03	Hinge, Middle Shelf
4	2	FE-00004-04	Support, Top and Bottom
5	1	FE-00004-05	Support, Window
6	1	FE-00004-06	Shelf
7	2	FE-00004-07	Hinge, Stop Plate
8	2	FE-00004-08	Hinge, Shelf Support
9	2	FE-00004-09	Plate, Shelf Support
10	2	FE-00004-10	Plate, Stop

Notes:

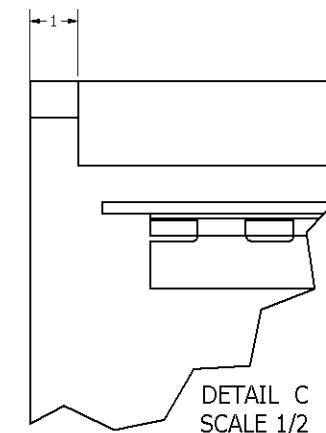
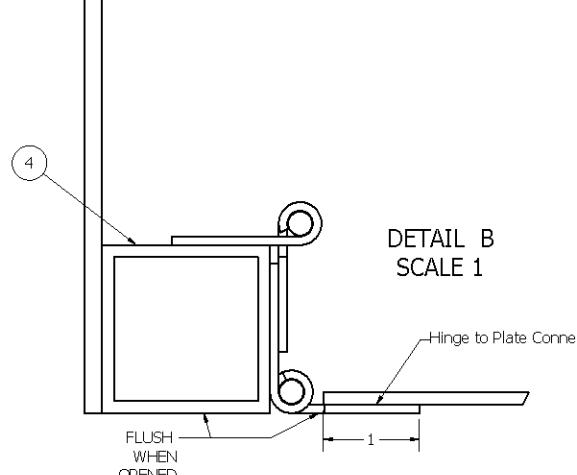
1. Remove all sharp edges and burrs



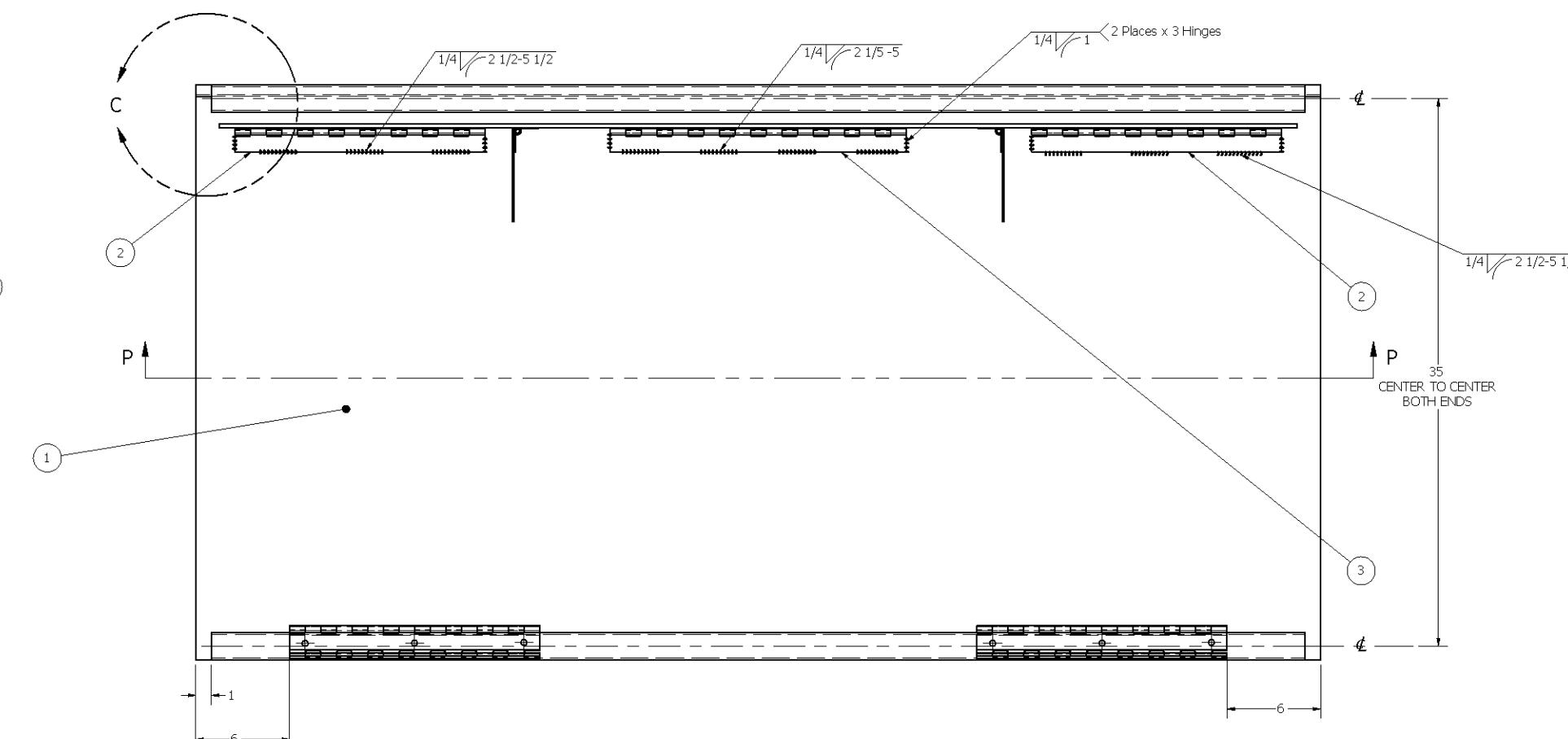
DETAIL
SCALE 1



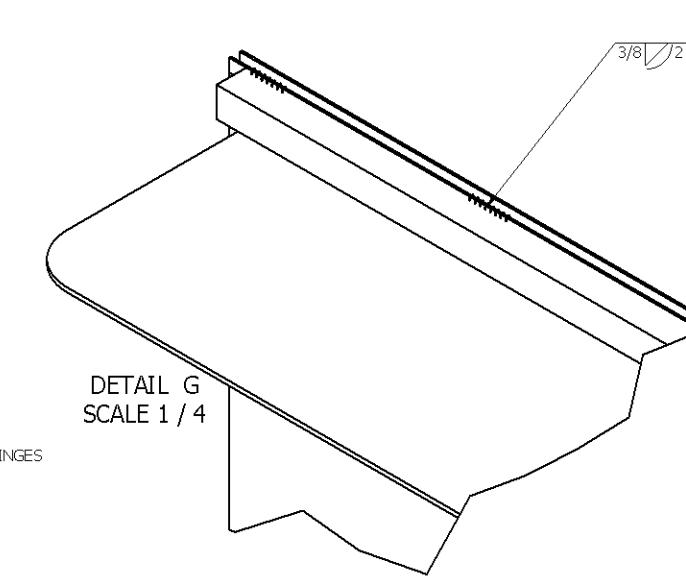
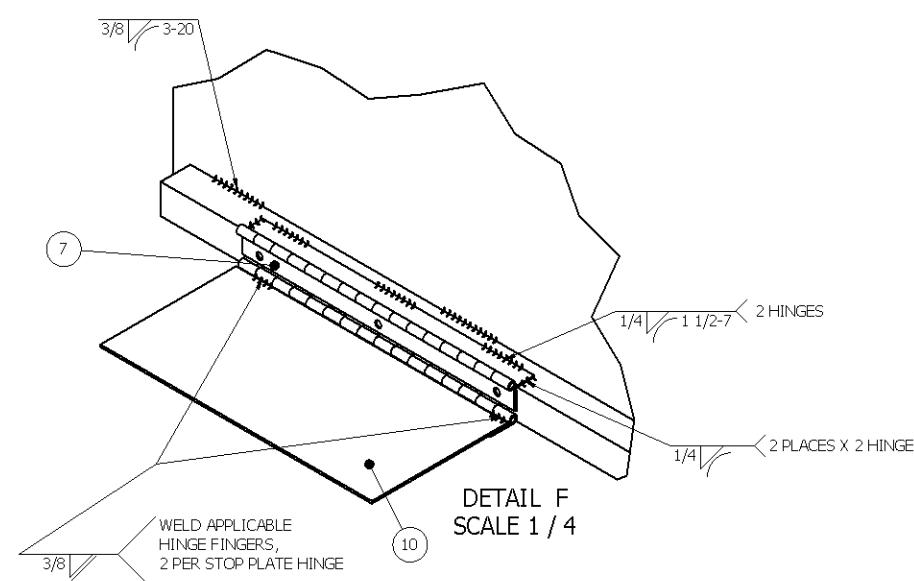
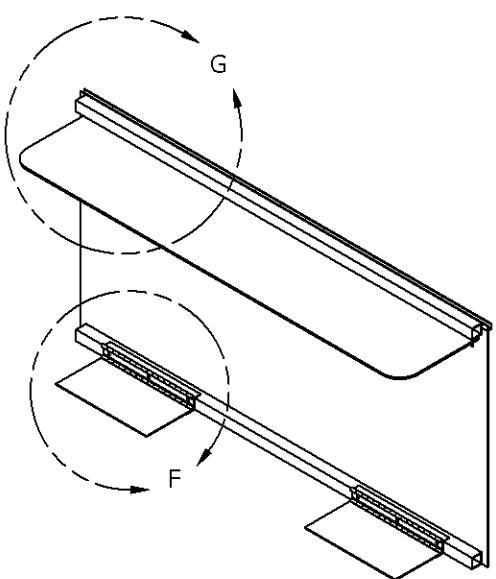
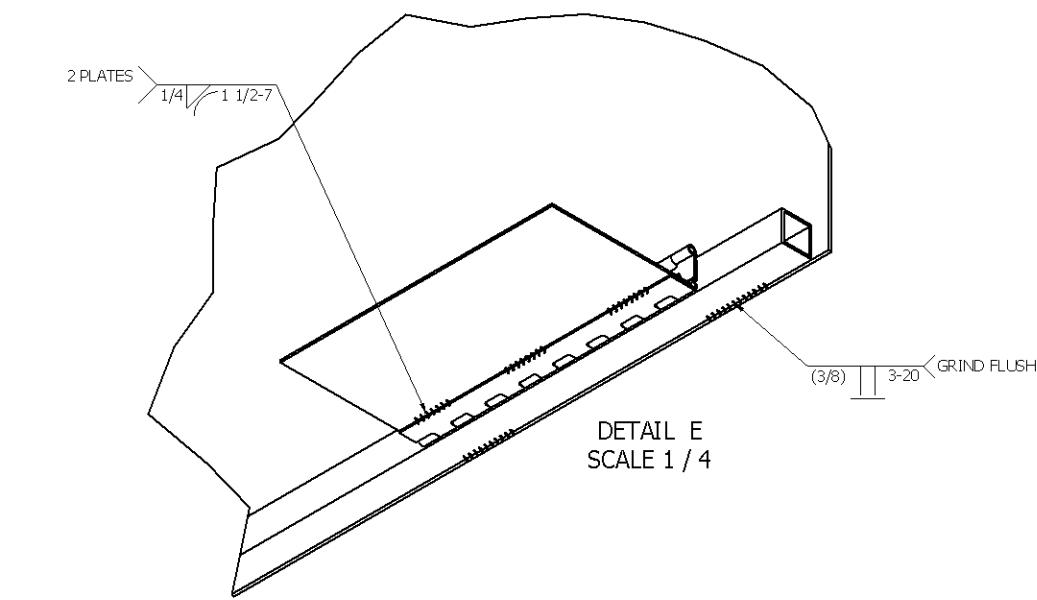
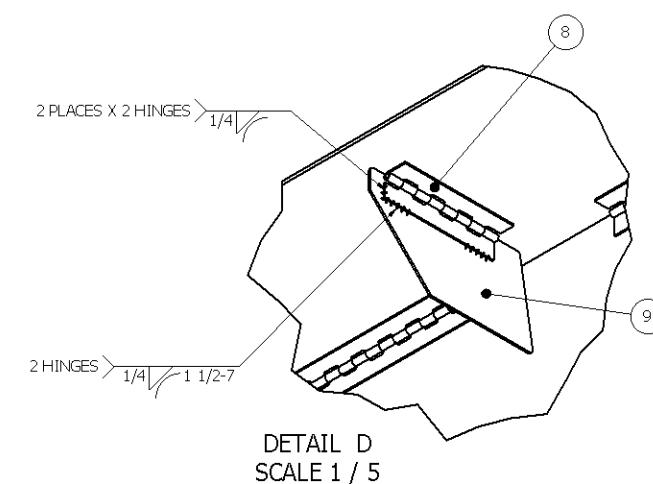
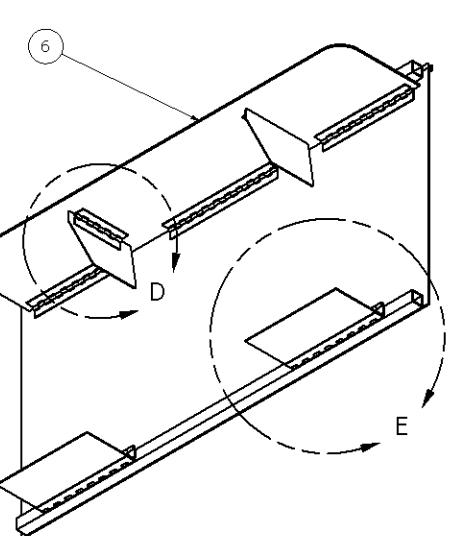
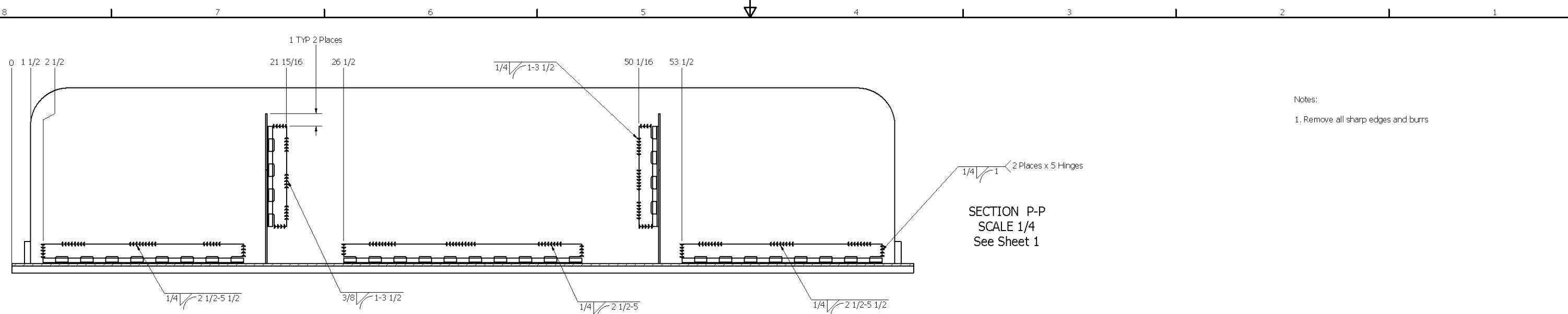
DETAIL
SCALE



DETAIL
SCALE 1/



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	TITLE End Panel		
.00	+/- .01			
.000	+/- .005	SIZE	DWG NO	REV
ANGULAR	+/- .25 Deg.	D	FE-00004	1
		SCALE	SHEET 1 OF 3	



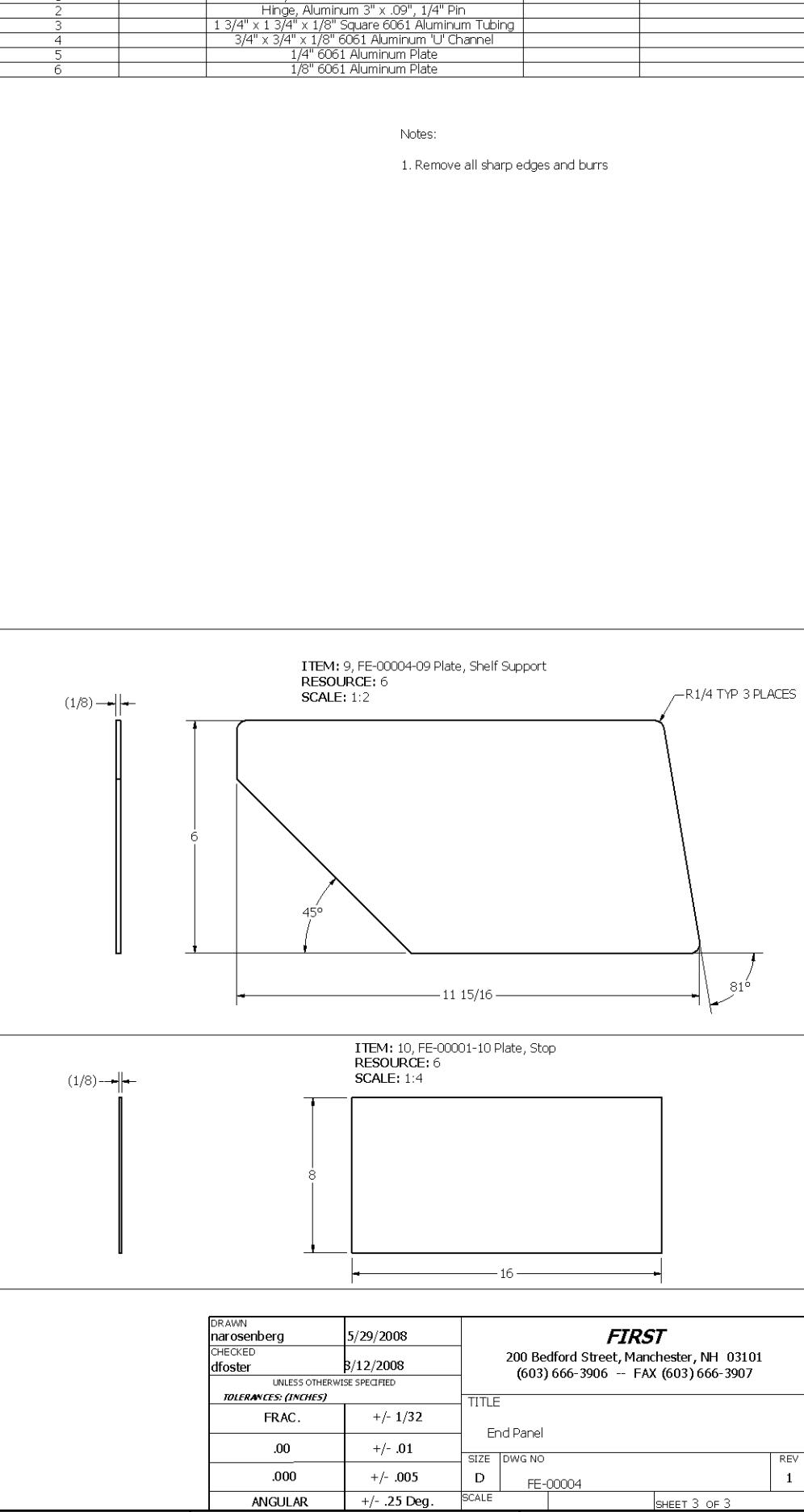
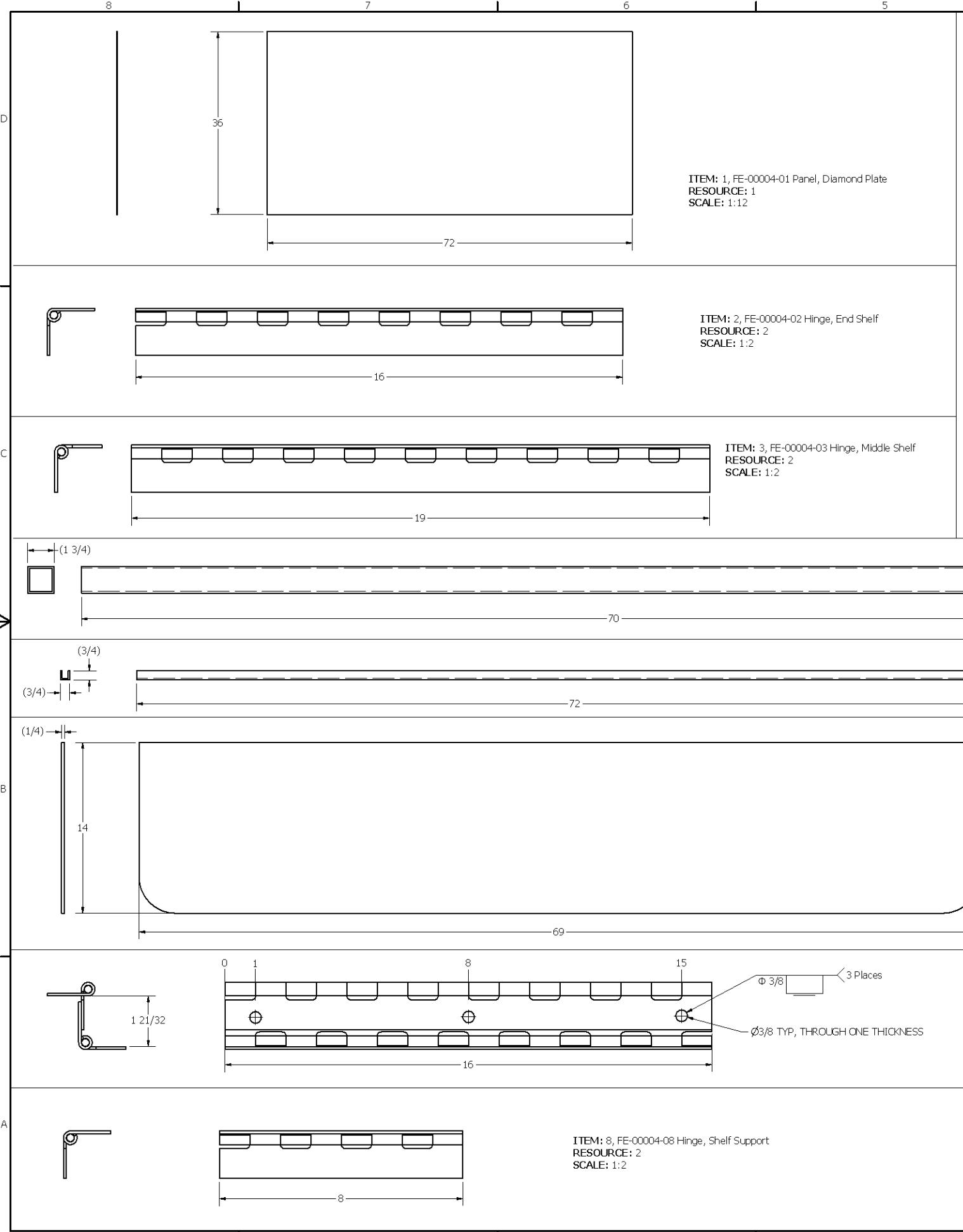
DRAWN	narosenberg	5/29/2008	FIRST
CHECKED			
dfoster		8/12/2008	
UNLESS OTHERWISE SPECIFIED			
<i>TOLERANCES: (INCHES)</i>			
FRAC.	+/- .1/32		
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.		
SIZE	DWG NO		REV
D	FE-00004		1
SCALE			
SHEET 2 OF 3			

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

FIRST

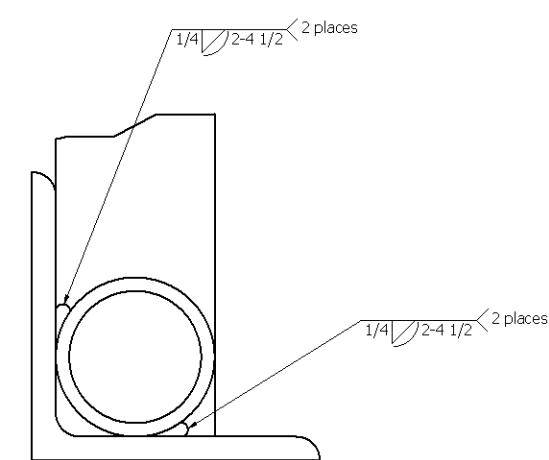
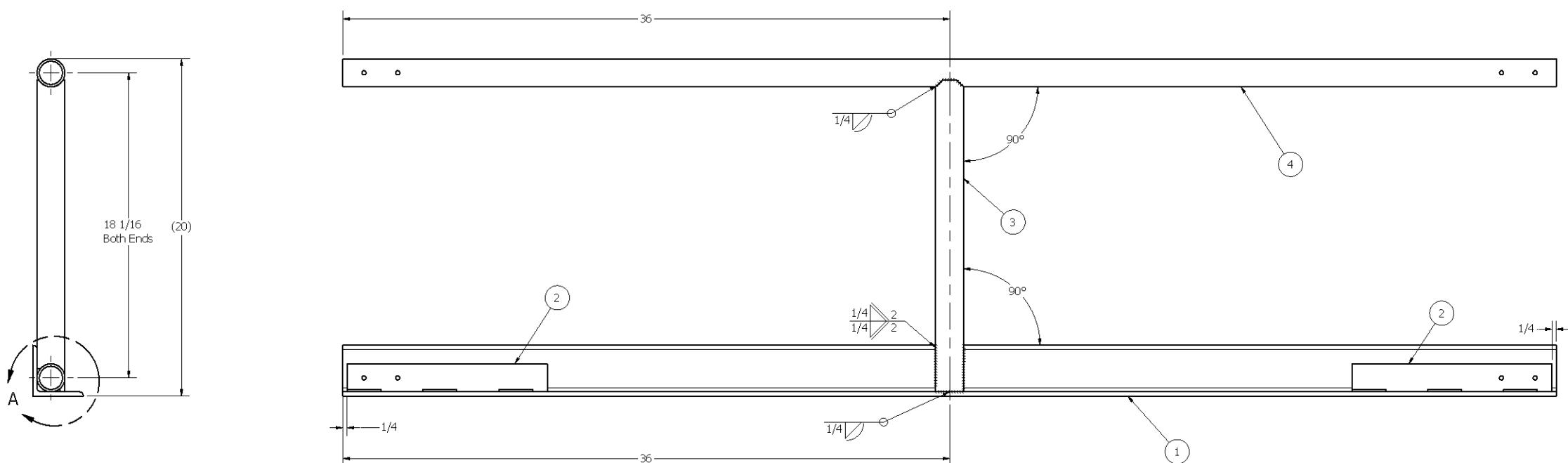
RESOURCES			
RESOURCE	QTY.	DESCRIPTION	LENGTH
1		3/16 Aluminum Diamond Plate	
2		Hinge, Aluminum 3" x .09", 1/4" Pin	
3		1 3/4" x 1 3/4" x 1/8" Square 6061 Aluminum Tubing	
4		3/4" x 3/4" x 1/8" 6061 Aluminum 'U' Channel	
5		1/4" 6061 Aluminum Plate	
6		1/8" 6061 Aluminum Plate	

Notes:
1. Remove all sharp edges and burrs

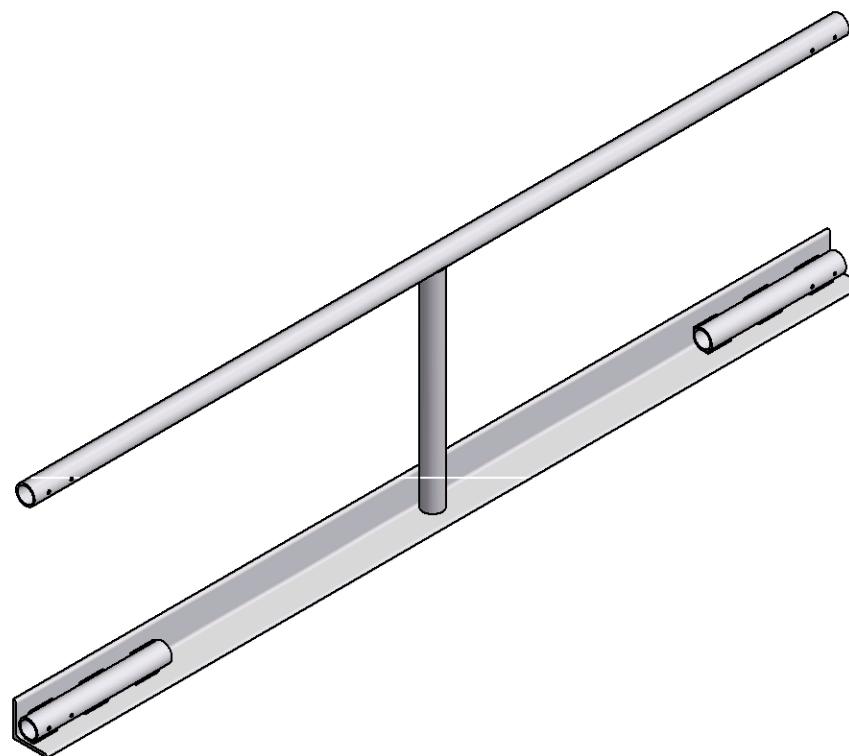


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D	D	D	D	D	D	D	D

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



DETAIL A
SCALE 1 : 1



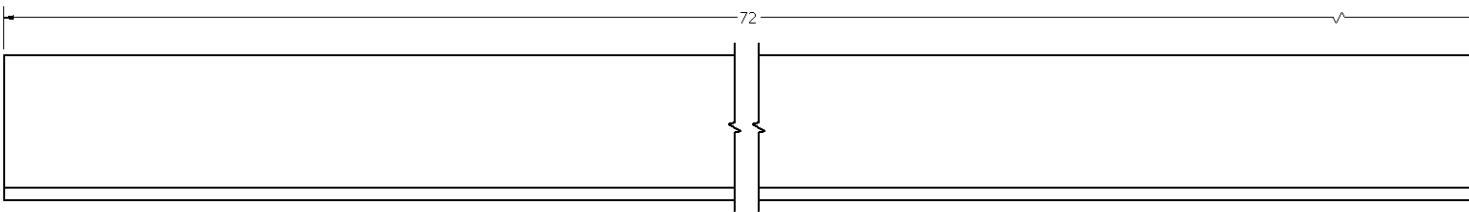
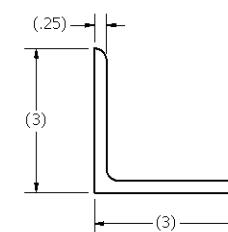
RESOURCES		
RESOURCE	QTY.	DESCRIPTION
1	6'	3" X 3" X 1/4" 6061-T6 ALUMINUM ANGLE
2	10'	1 1/4" SCHEDULE 40 6061-T6 ALUMINUM PIPE

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	FIRST 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 2
SIZE	DWG NO	REV
D	FE-00005	1

8 7 6 5 4 3 2 1

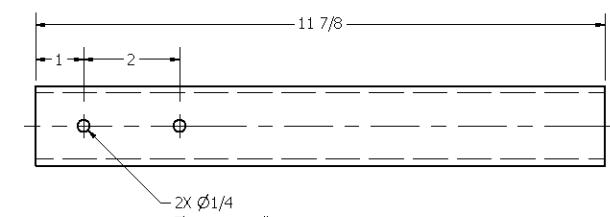
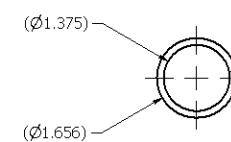
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Item: FE-00005-0 Bottom Rail

Resource: 1

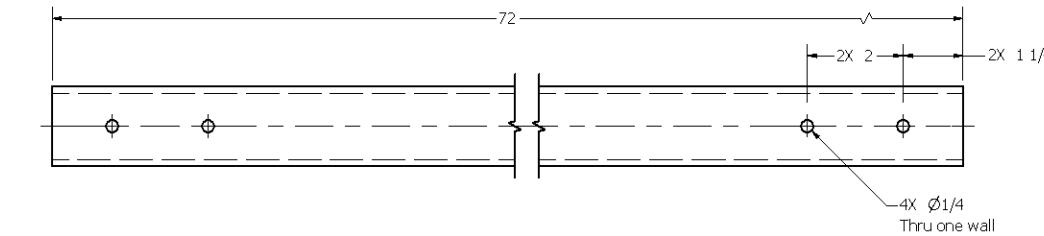
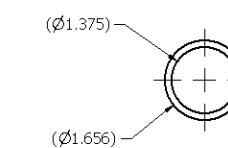
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Item: FE-00005-02 Connecting Tube

Resource: 2

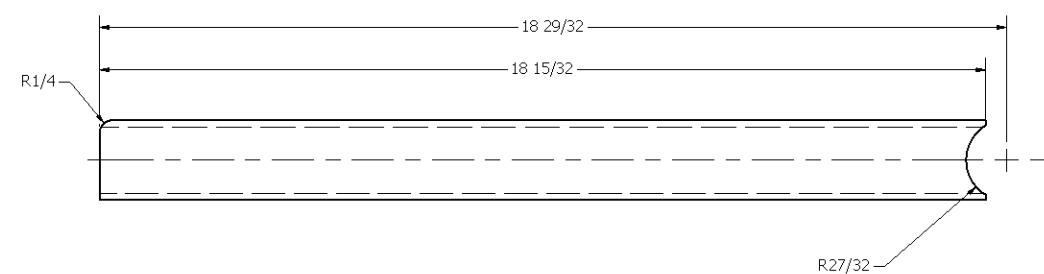
Scale: 1/2



Item: FE-00005-04 Top Rail

Resource: 2

Scale: 1/2



Item: FE-00005-03 Vertical Support

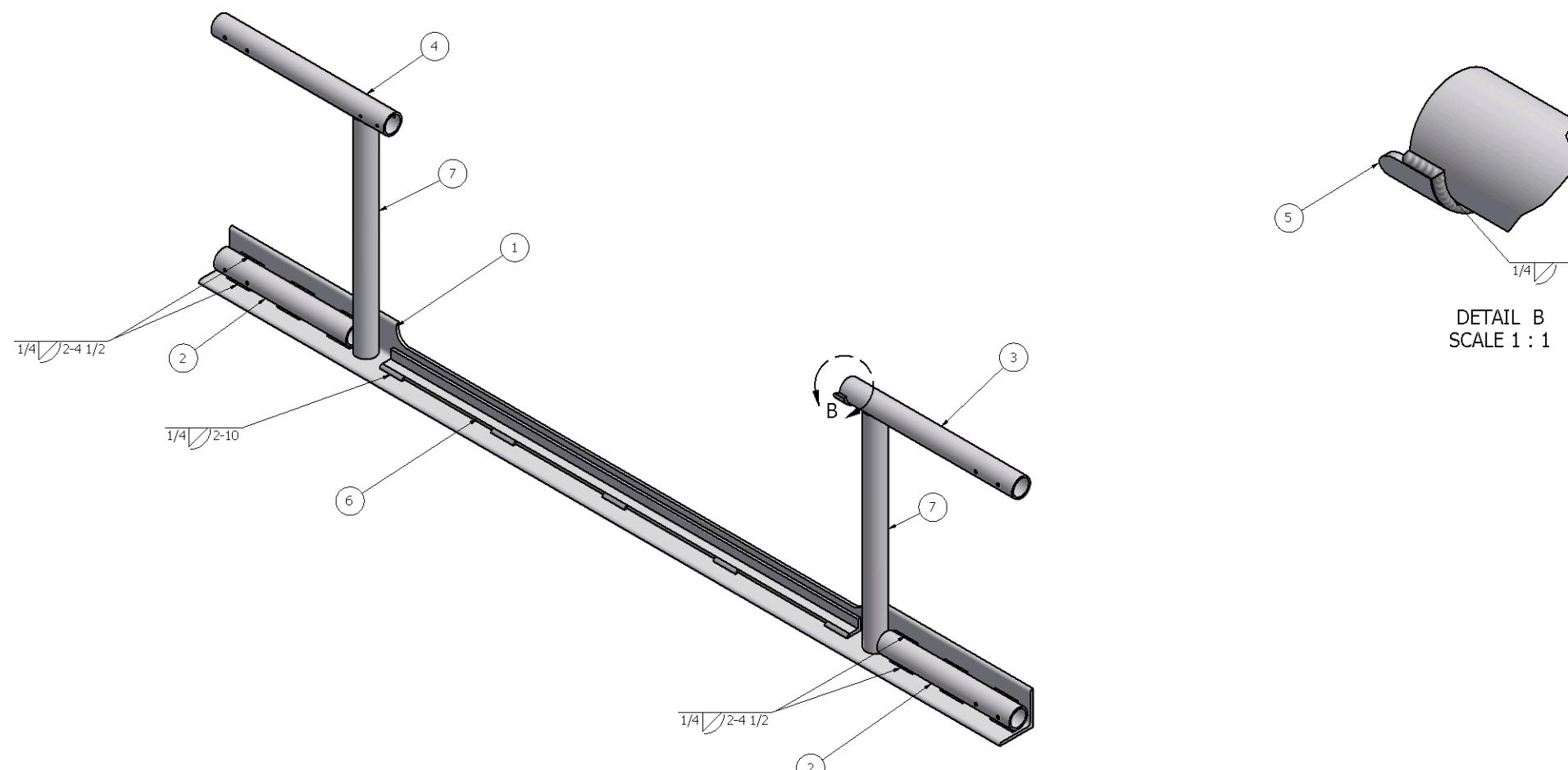
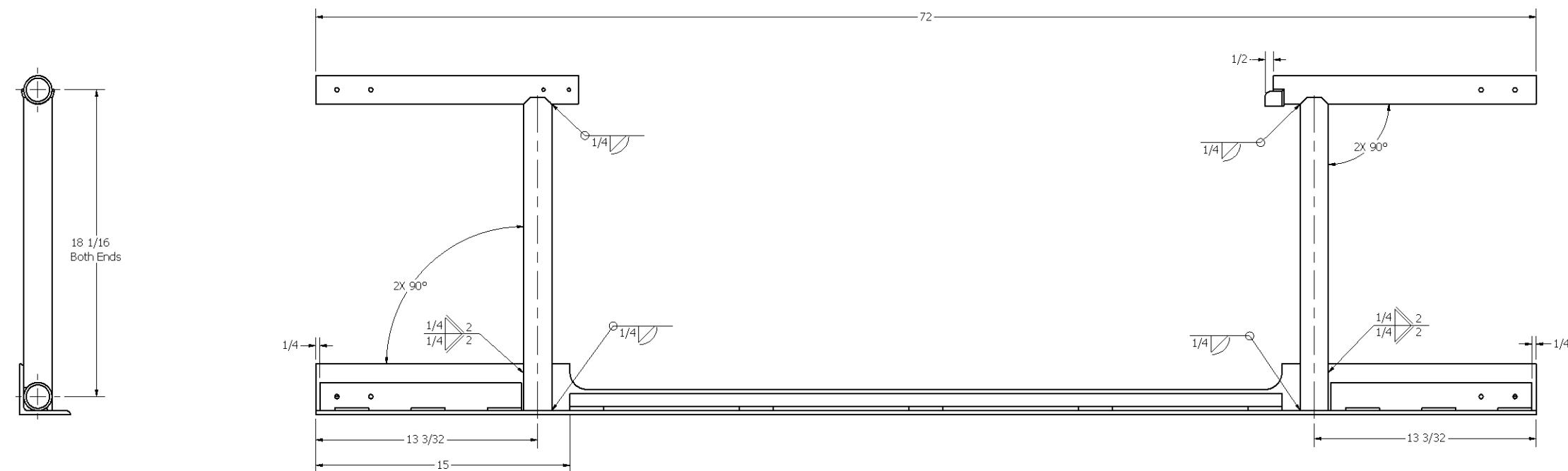
Resource: 2

Scale: 1/2

DRAWN dfoster	5/28/2008	FIRST 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	1
		SHEET 2 OF 2	

8	7	6	5	4	3	2	1
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REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	Redrawn	8/7/2008	narosenberg

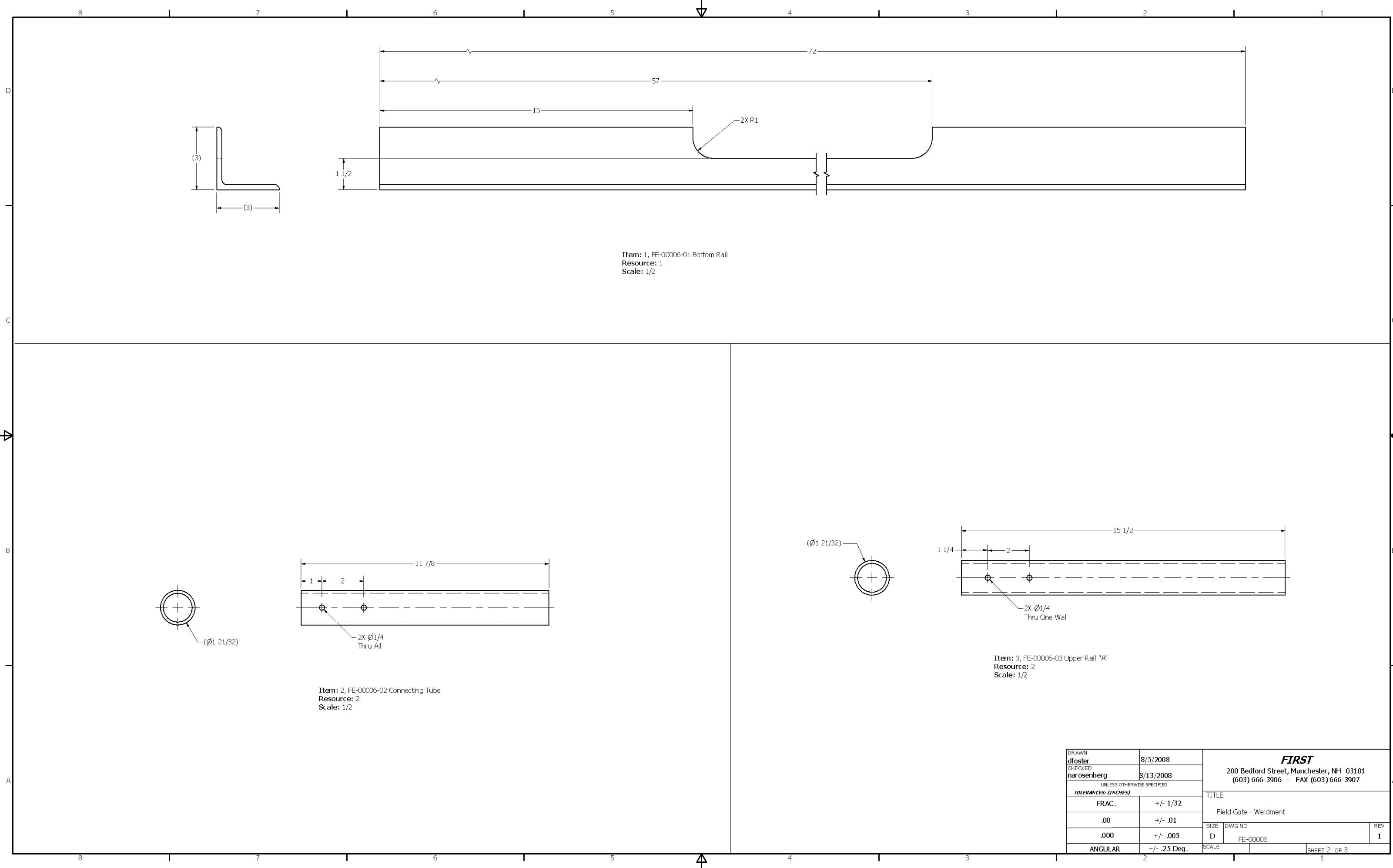


Resources		
Number	Resource	Length
1	3" x 3" x 1/4" 6061-T6 Aluminum Angle	72"
2	1-1/4" Schedule 40 Aluminum Pipe 6061-T6	93"
3	1-1/2" Schedule 40 Aluminum Pipe 6061-T6	1"
4	1" x 1" x 1/4" Aluminum Angle 6061-T6	42"

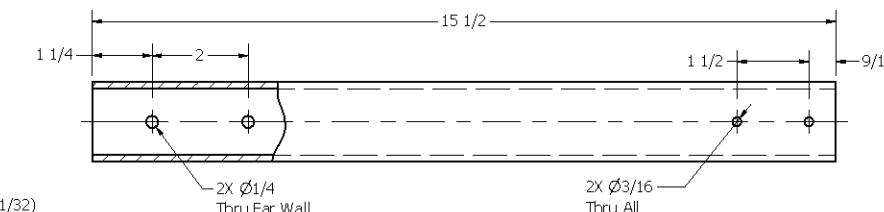
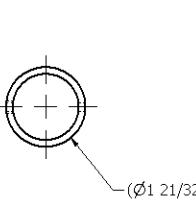
DETAIL B
SCALE 1 : 1

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

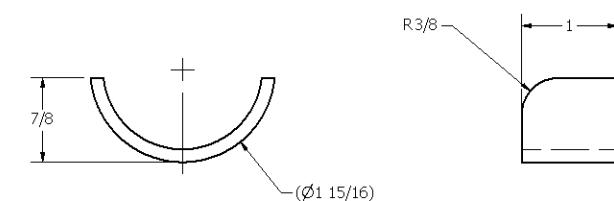
DRAWN dfoster	8/5/2008	FIRST 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907
CHECKED narosenberg	8/13/2008	
UNLESS OTHERWISE SPECIFIED		
TOLERANCES: (INCHES)		
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.000	+/- .005	
ANGULAR	+/- .25 Deg.	
SCALE	1	SHEET 1 OF 3



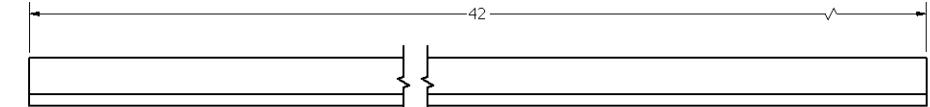
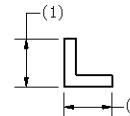
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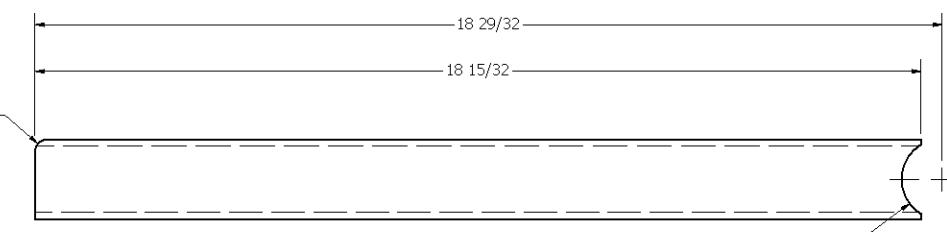
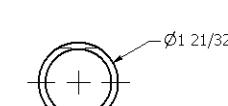
Item: 4, FE-00006-05 Upper Rail "B"
Resource: 2
Scale: 1/2



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



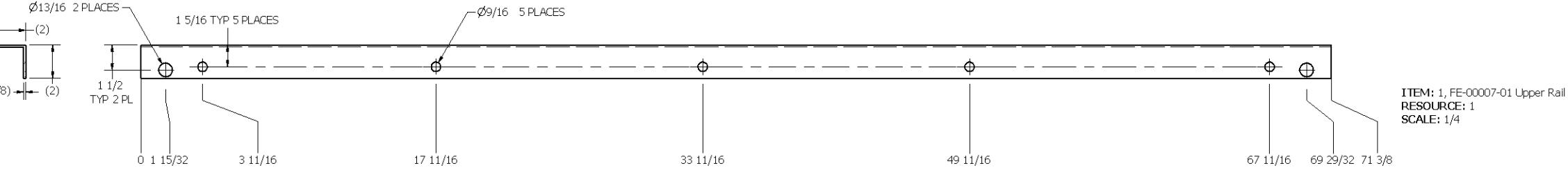
Item: 6, FE-00006-09 Ramp Stop
Resource: 4
Scale: 1/2



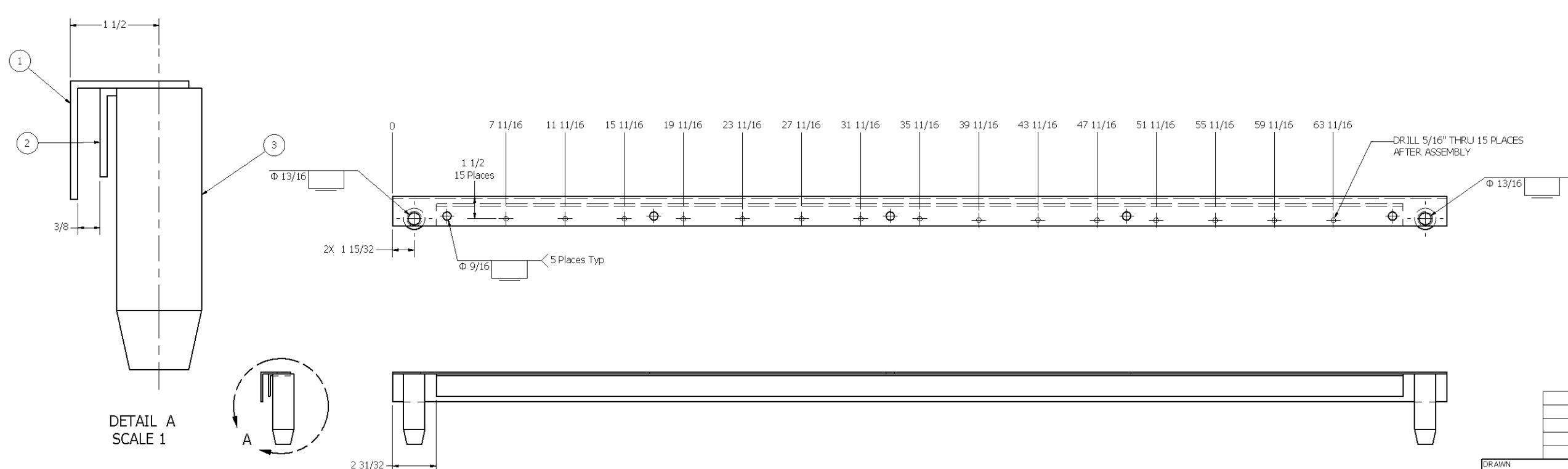
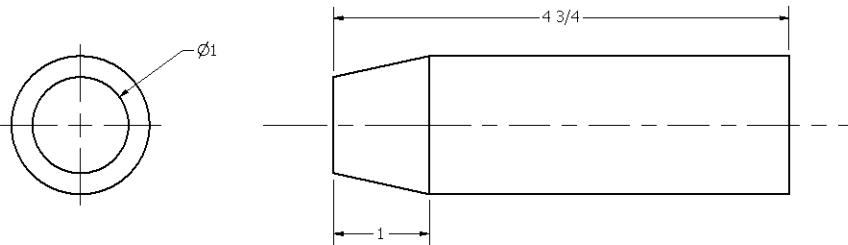
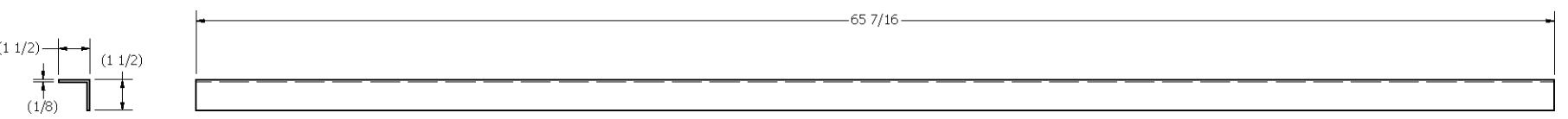
Item: 7, FE-00006-10 Vertical Support
Resource: 2
Scale: 1/2

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			

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

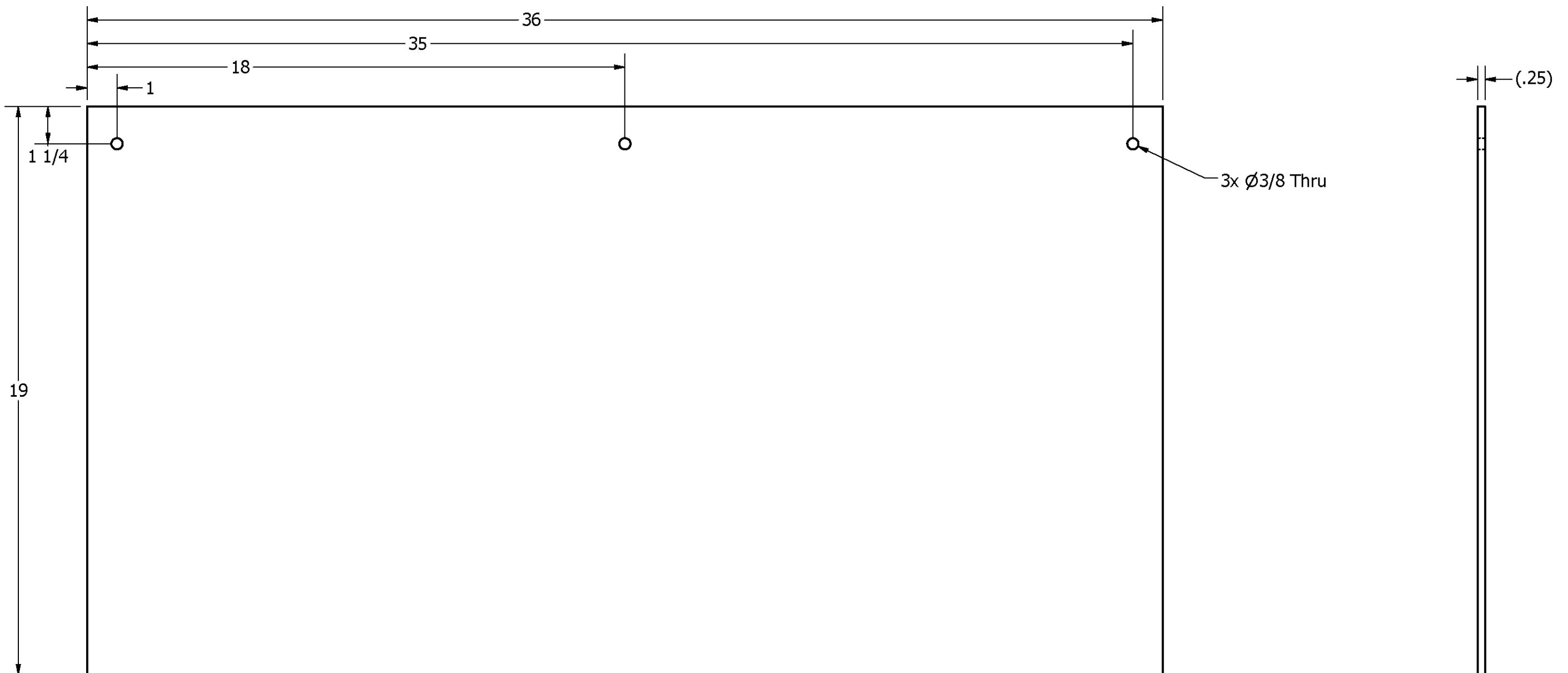


RESOURCES				
RESOURCE	QT	DESCRIPTION	LENGTH	PART NO.
1	1	2" x 2" X 1/8" SQ CORNER 6063 ALUM ANGLE		
2	1	1 7/16" ALUM ROUND STOCK		
3	1	1 1/2 X 1 1/2 X 1/8" 6061 ALUM ANGLE		



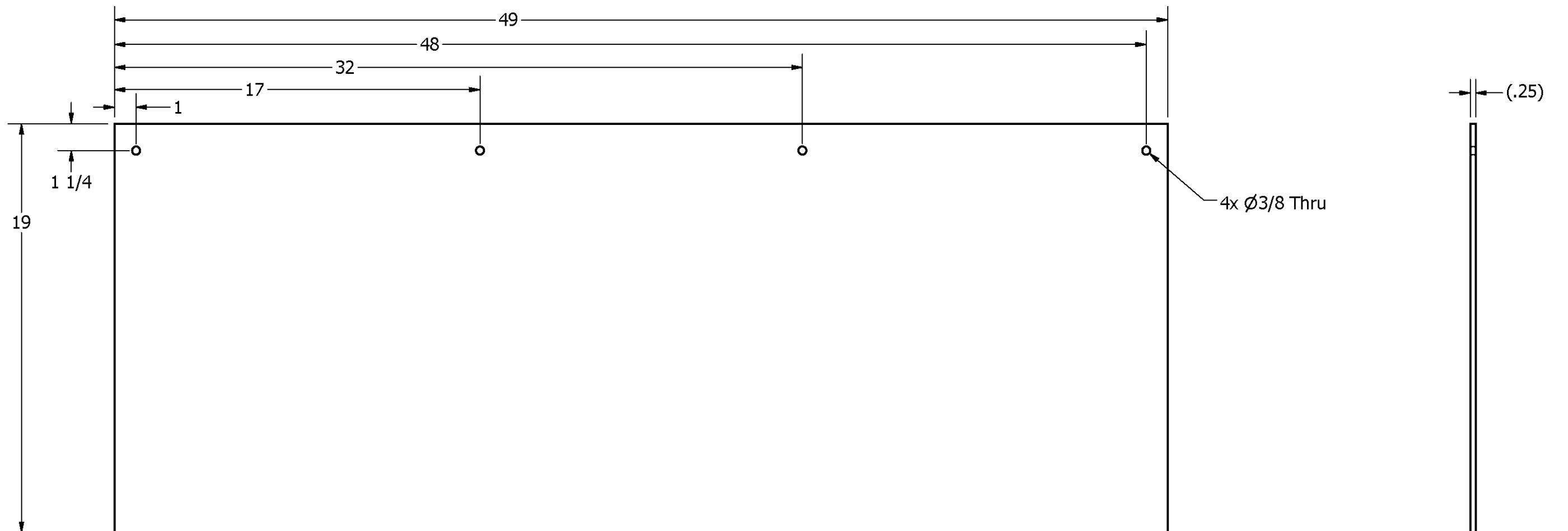
FE-00007 Field Top Rail Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	FE-00007-01	Upper Rail
2	1	FE-00007-02	Lower Rail
3	2	FE-00004-03	Connecting Pin

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



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

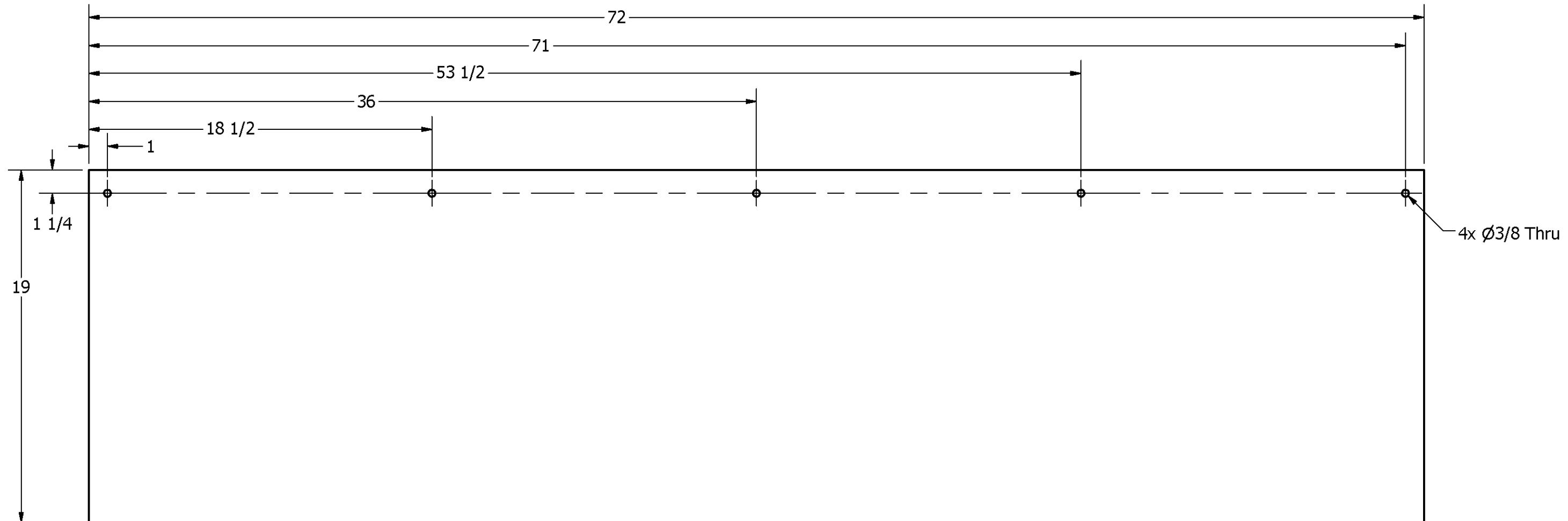
DRAWN mcyr	6/2/2008	FIRST					
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)							
FRAC.	+/- 1/32	TITLE					
.00	+/- .01	Field Plastic "A"					
.000	+/- .005	SIZE	DWG NO	REV			
ANGULAR	+/- .25 Deg.	B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



Notes:

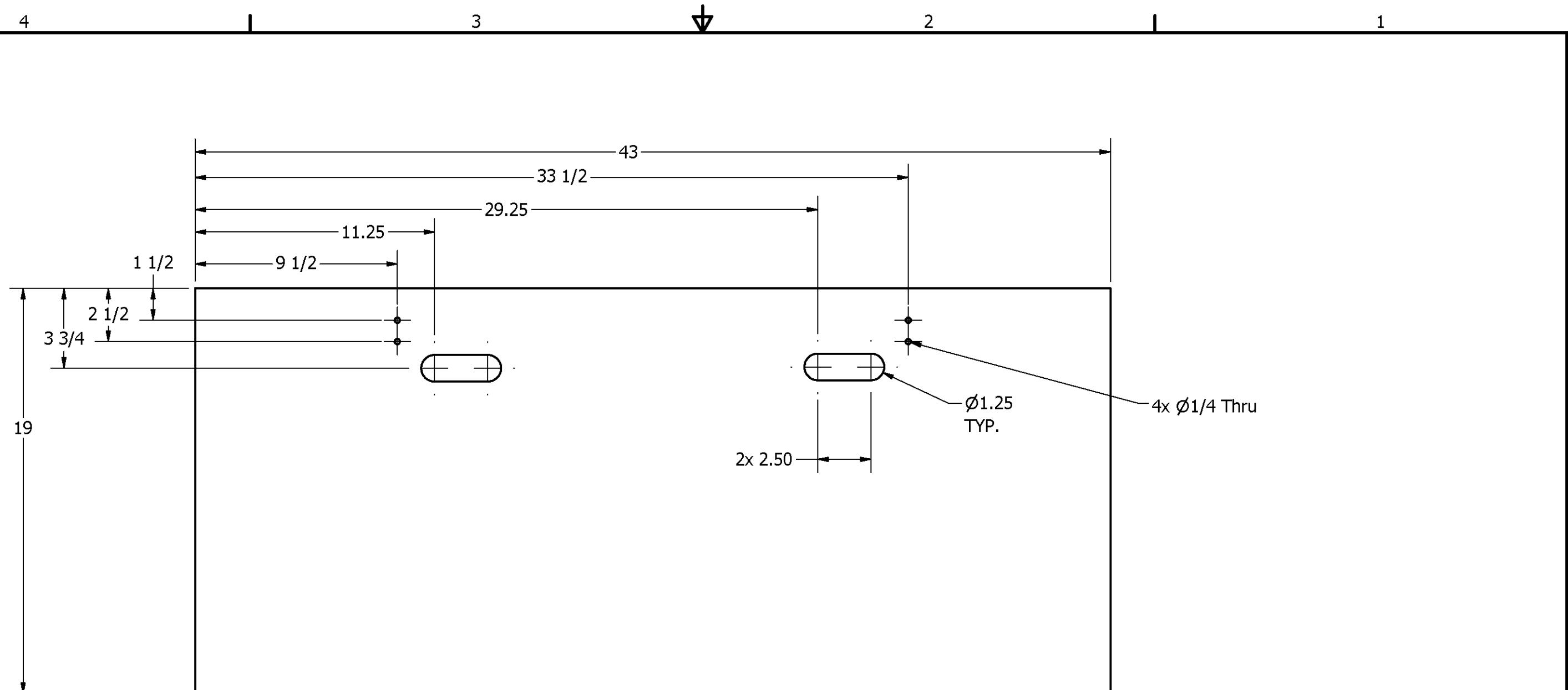
1. Material: 1/4" Clear Polycarbonate.
2. Remove all sharp edges.

DRAWN mcyr	6/2/2008	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 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	FIRST					
CHECKED	1/2/2009	200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)							
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				



Material: 1/4" Thick Polycarbonate Sheet

DRAWN mcyr	6/2/2008	FIRST					
CHECKED	1/2/2009	200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)							
FRAC.	$+\/- 1/32$	TITLE					
.00	$+\/- .01$	Field Plastic "G"					
.000	$+\/- .005$	SIZE	DWG NO	REV			
ANGULAR	$+\/- .25$ Deg.	B	FE-00011				
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	FIRST					
CHECKED dfoster	1/2/2009	200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907					
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)							
FRAC.	+/- 1/32	TITLE					
.00	+/- .01	Drivers Station Acrylic					
.000	+/- .005	SIZE					
ANGULAR	+/- .25 Deg.	DWG NO					
		FE-00012					
		REV					
		SHEET 1 OF 1					

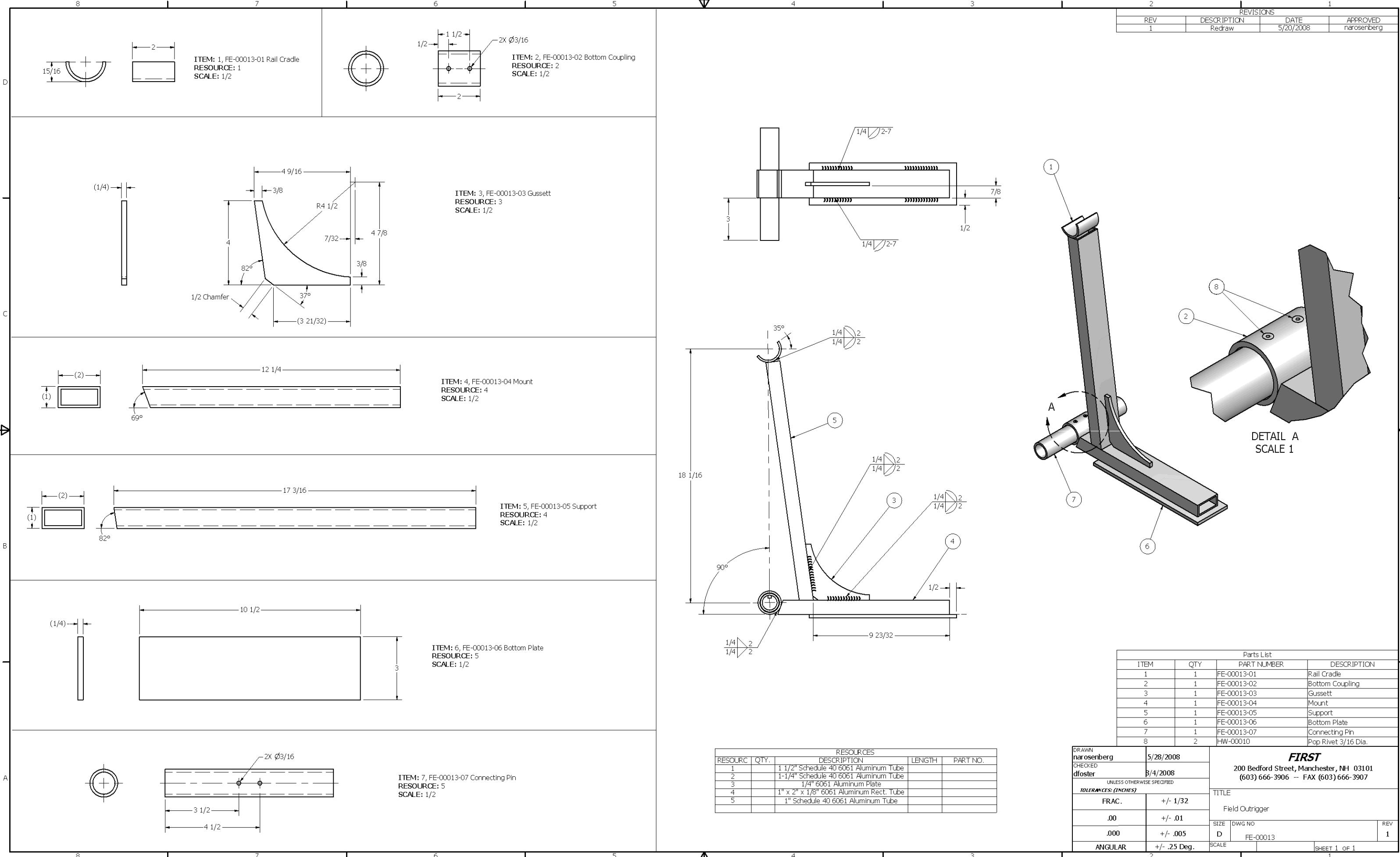
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3

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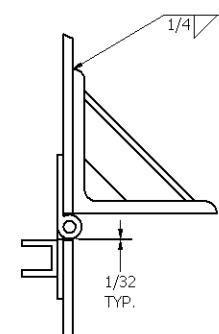
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4

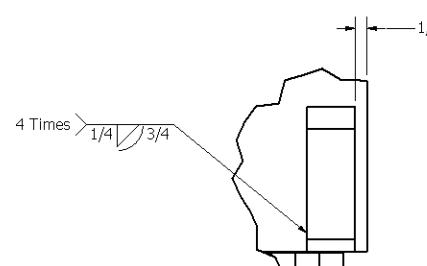


8 7 6 5 4 3 2 1

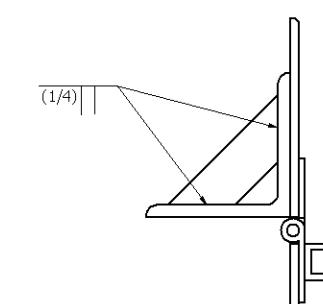
REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	Redrawn	5/27/2008	narosenberg



DETAIL B
SCALE 1 / 2

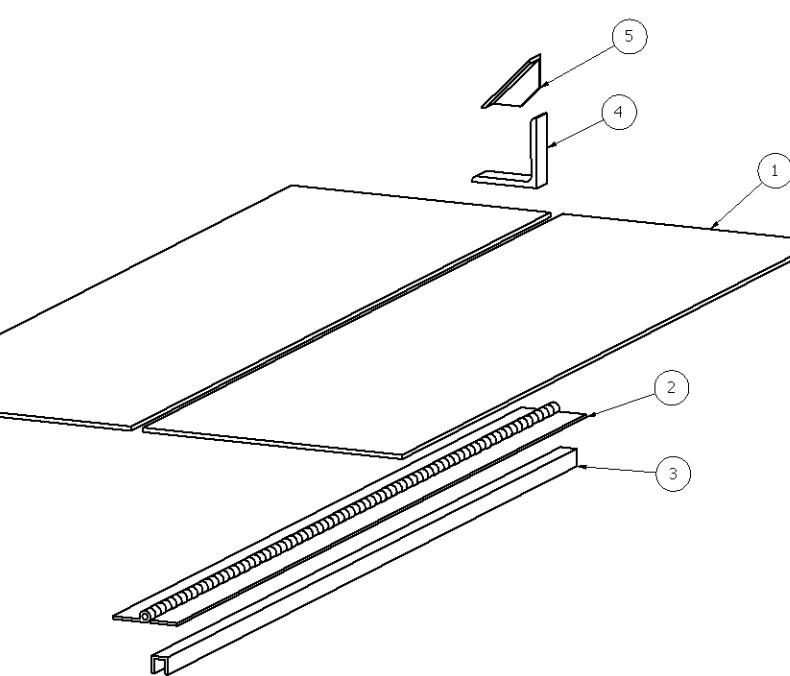
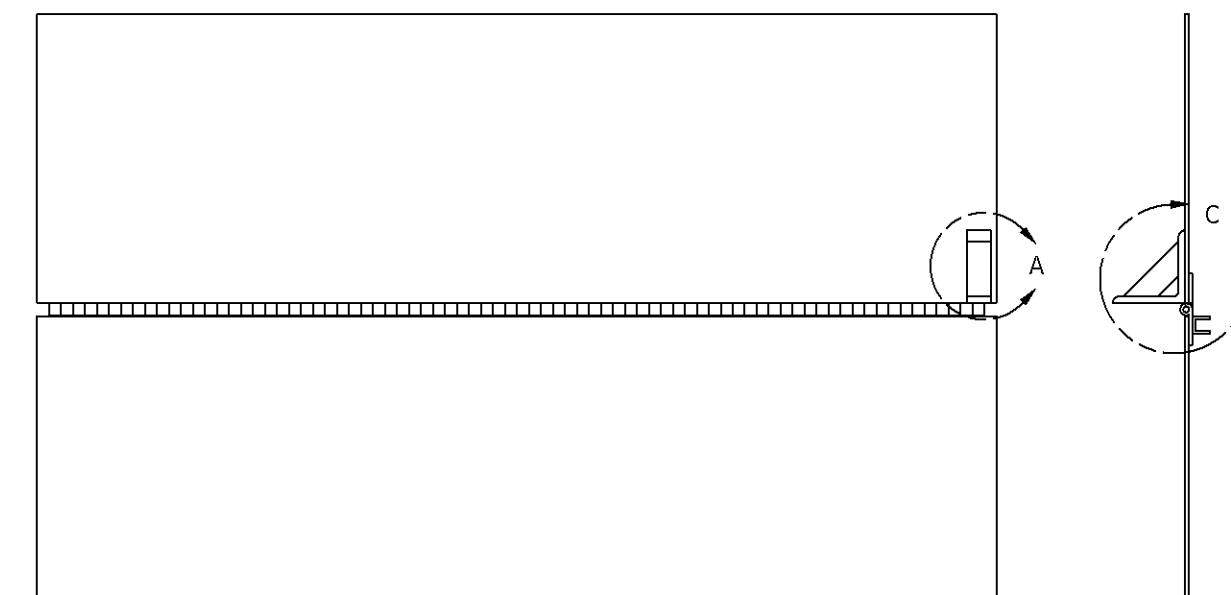
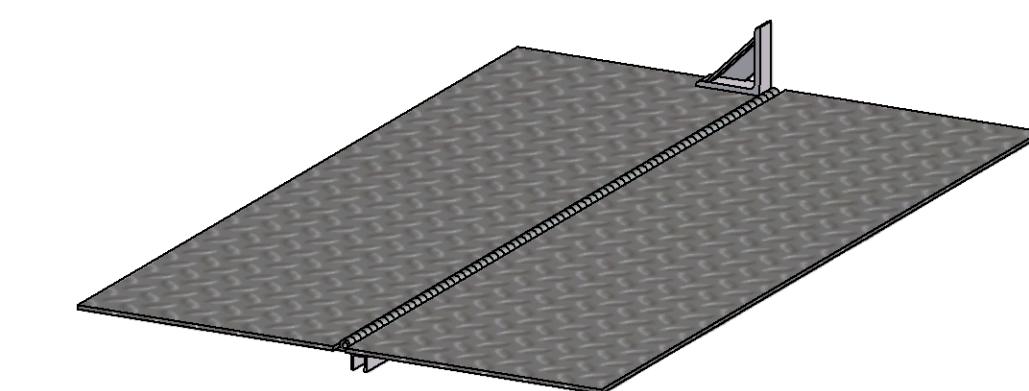
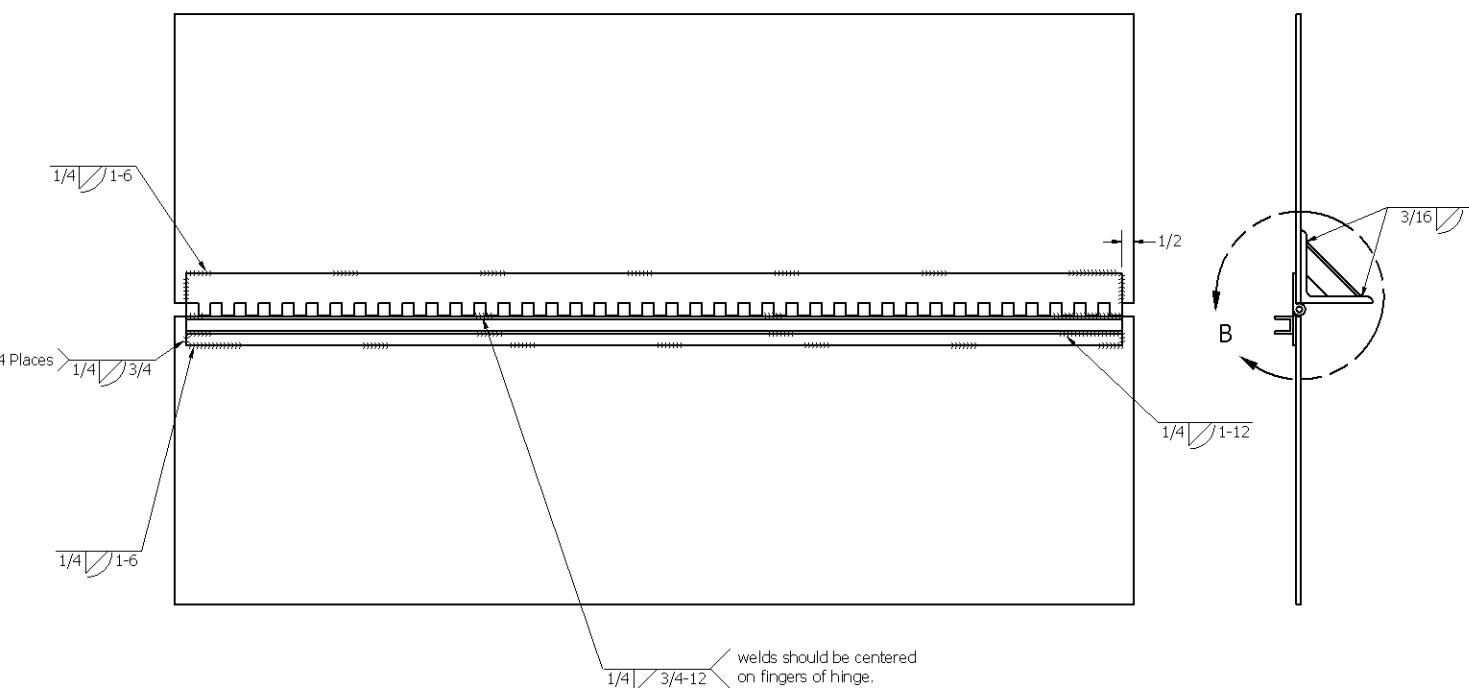


DETAIL A
SCALE 1 / 2



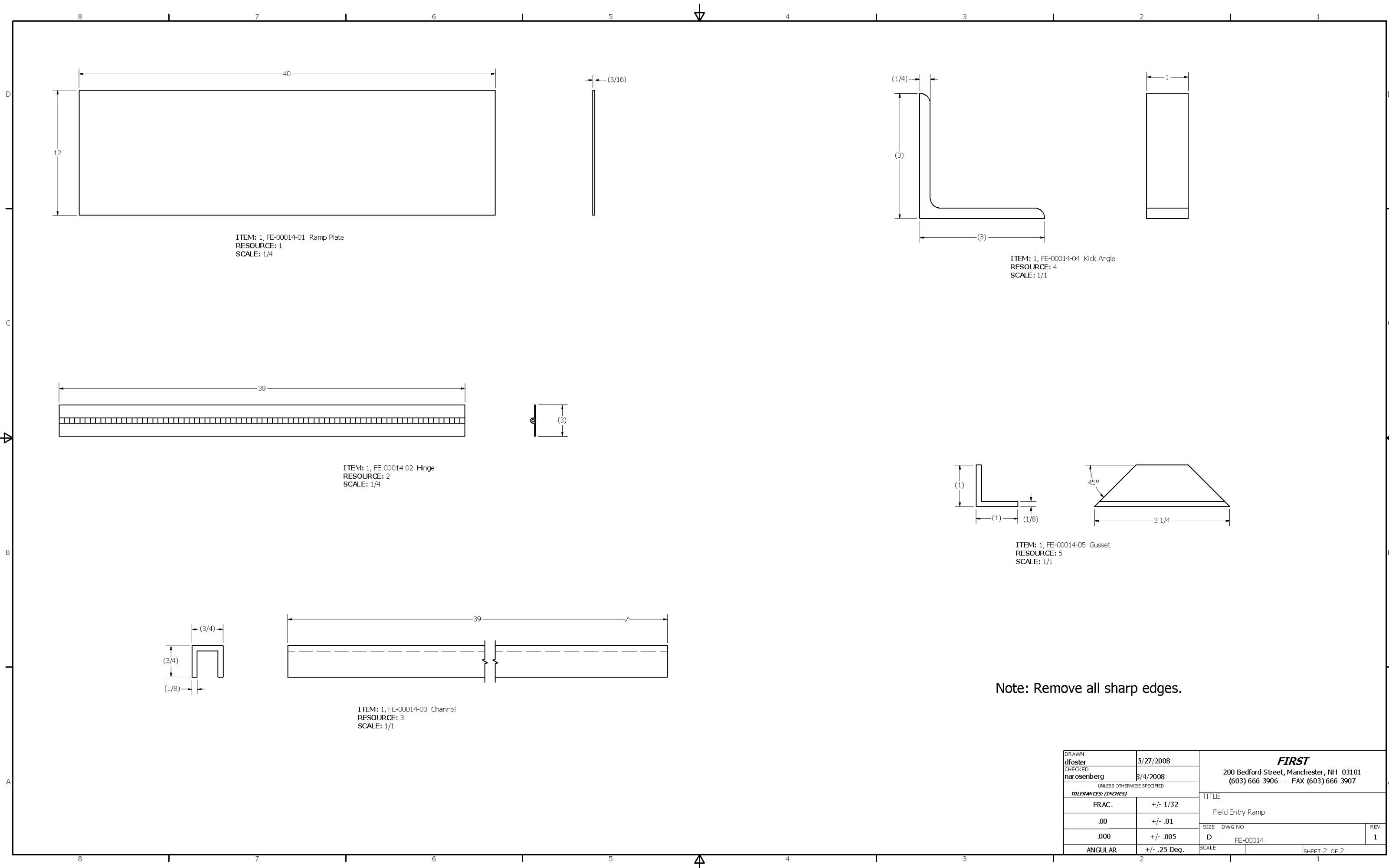
DETAIL C
SCALE 1 / 2

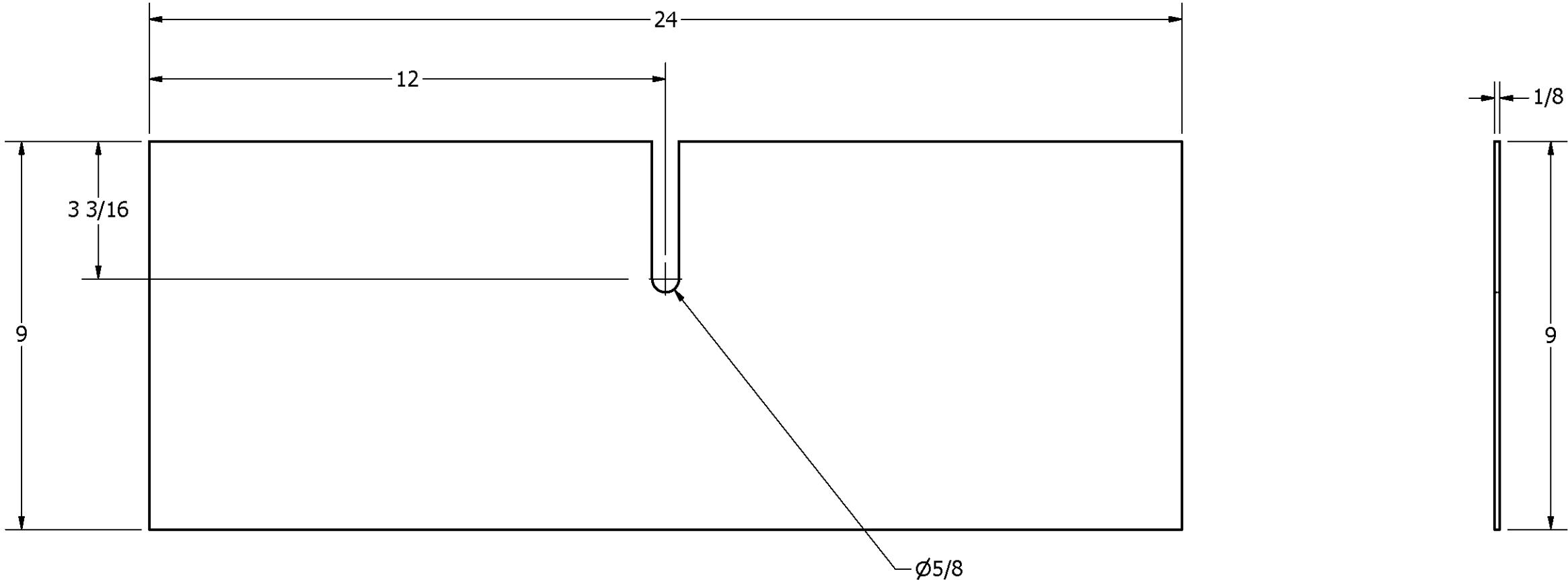
RESOURCES		
RESOURCE	QTY.	DESCRIPTION
1	AR	3/16" 3003 ALUMINUM DIAMOND PLATE
2	.39"	3" ALUMINUM HINGE, 1/4" PIN
3	.39"	3/4" X 3/4" X 1/8" 6061-T6 ALUMINUM CHANNEL
4	1"	3" X 3" X 1/4" 6061-T6 ALUMINUM ANGLE
5	4"	1" X 1" X 1/8" 6061-T6 ALUMINUM ANGLE



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.	+/- .012	TITLE	
.00	+/- .01	Field Entry Ramp	
.000	+/- .005	SIZE	DWG NO
ANGULAR	+/- .25 Deg.	D	FE-00014
SCALE		REV	1
SHEET 1 OF 2			





Notes:

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

DRAWN dfoster	1/2/2009	FIRST		
CHECKED		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
TOLERANCES: (INCHES)		TITLE		
FRAC.	+/- 1/32	Trip Guard		
.00	+/- .01	SIZE		
.000	+/- .005	DWG NO		
ANGULAR	+/- .25 Deg.	FE-00015		
SCALE		REV		
SHEET 1 OF 1				

4

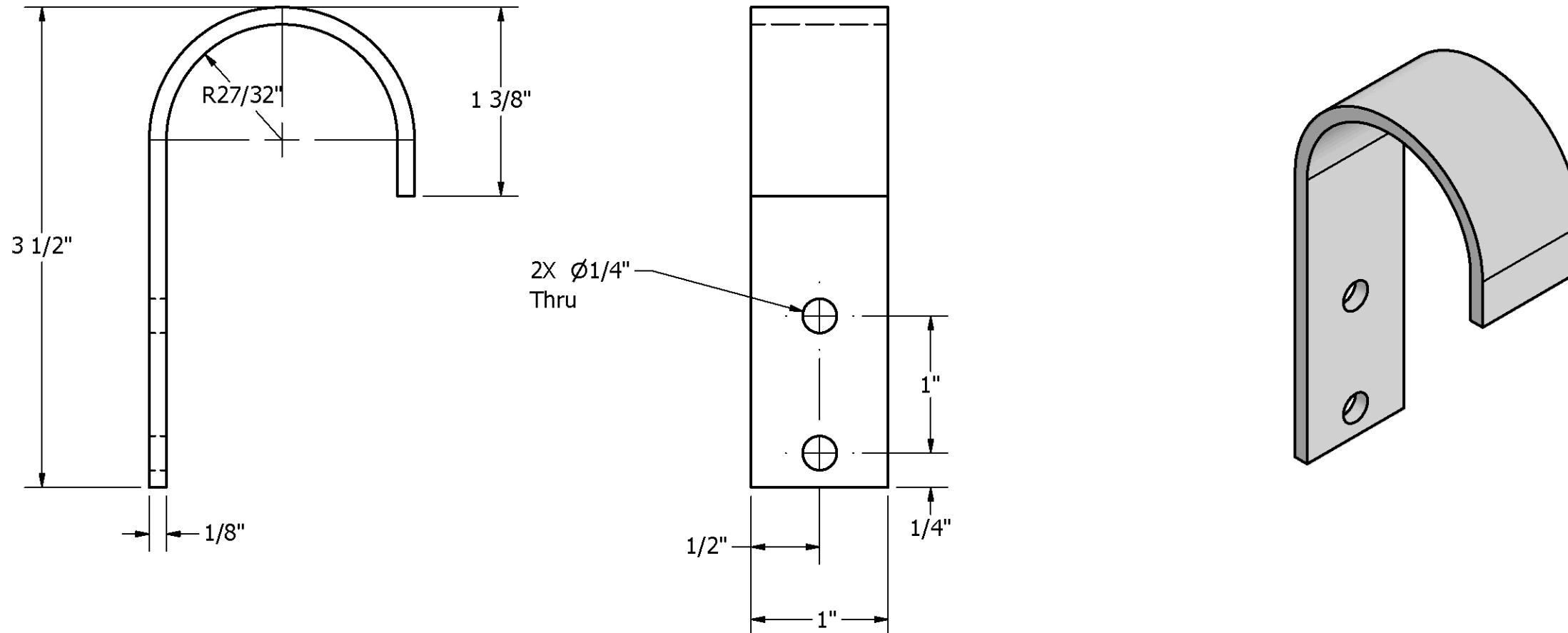
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2

1

REVISION HISTORY

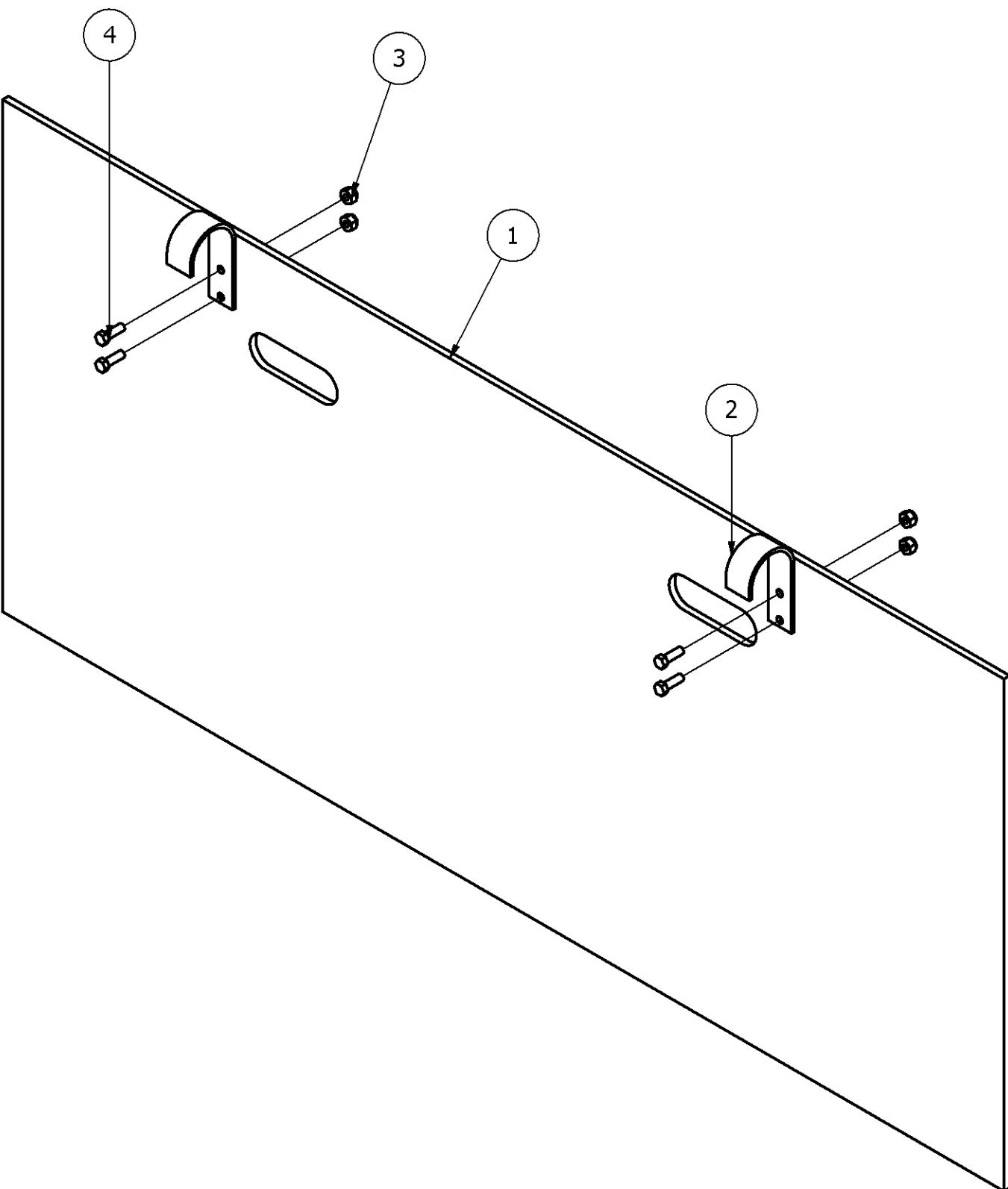
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	redrawn	5/30/2008	dfoster



Notes:

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

DRAWN dfoster	5/30/2008	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	TITLE					
.00	+/- .01	Hanger, Plastic					
.000	+/- .005	SIZE	DWG NO	REV			
ANGULAR	+/- .25 Deg.	B	FE-00016	1			
SCALE				SHEET 1 OF 1			

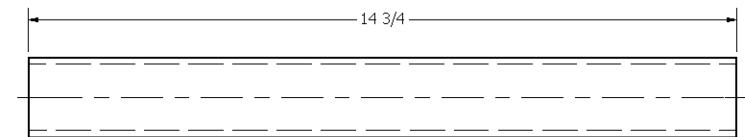
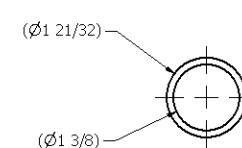
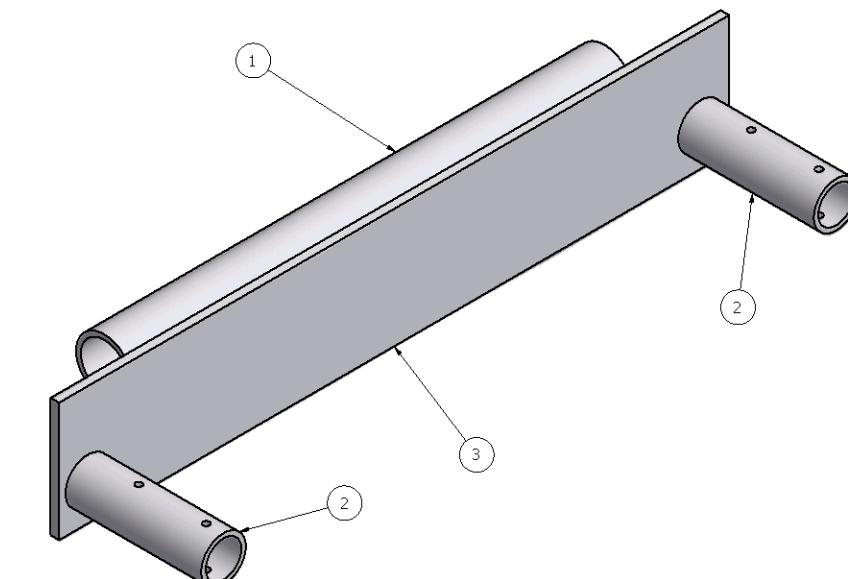
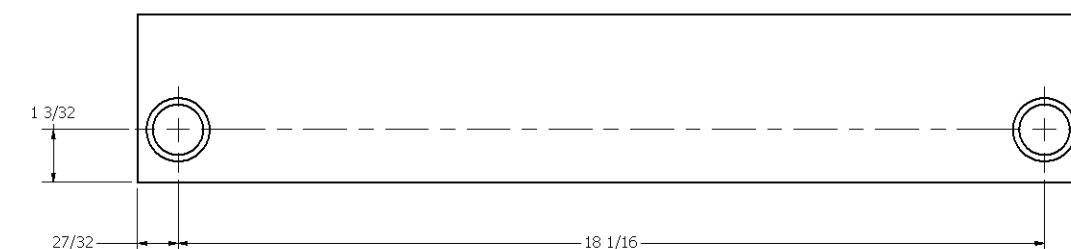
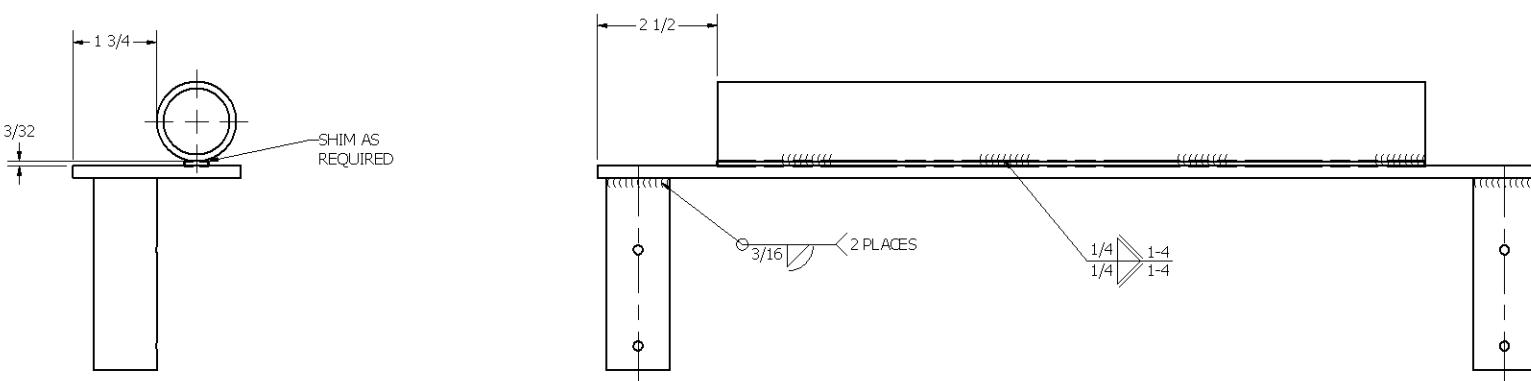


Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	FE-00011	Field Plastic "G"
2	2	FE-00016	Hanger, Plastic
3	4	HW-00002	Nut, Lock 1/4-20
4	4	HW-00012	Hex head bolt 1/4-20 x .750"

DRAWN mcyr	6/3/2008	FIRST 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED				
TOLERANCES: (INCHES)				
FRAC.	+/- 1/32	TITLE Gate Plastic Assembly		
.00	+/- .01			
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SIZE	DWG NO	REV
		B	FE-00017	
SCALE				
SHEET 1 OF 1				

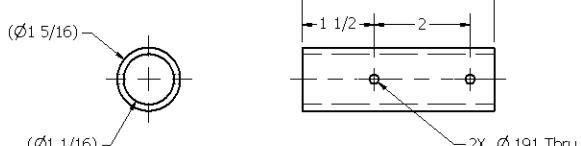
8	7	6	5	4	3	2	1
				↓			

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

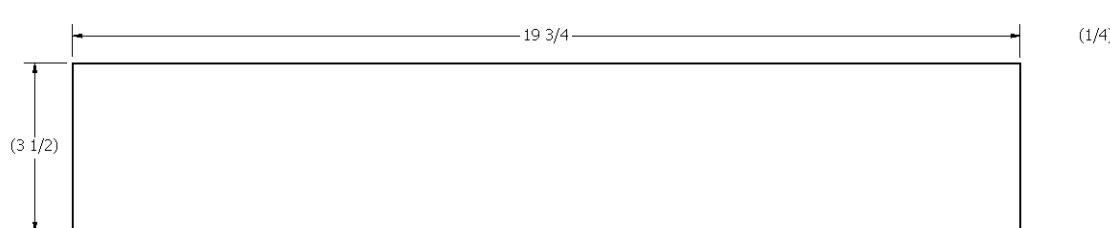


RESOURCES		
RESOURCE	QTY.	DESCRIPTION
1	15"	1 1/4" SCHEDULE 40 6061-T6 ALUMINUM PIPE
2	8"	1" SCHEDULE 40 6061-T6 ALUMINUM PIPE
3	20"	3 1/2" X 1/4" 6061-T6 ALUMINUM BAR

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



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

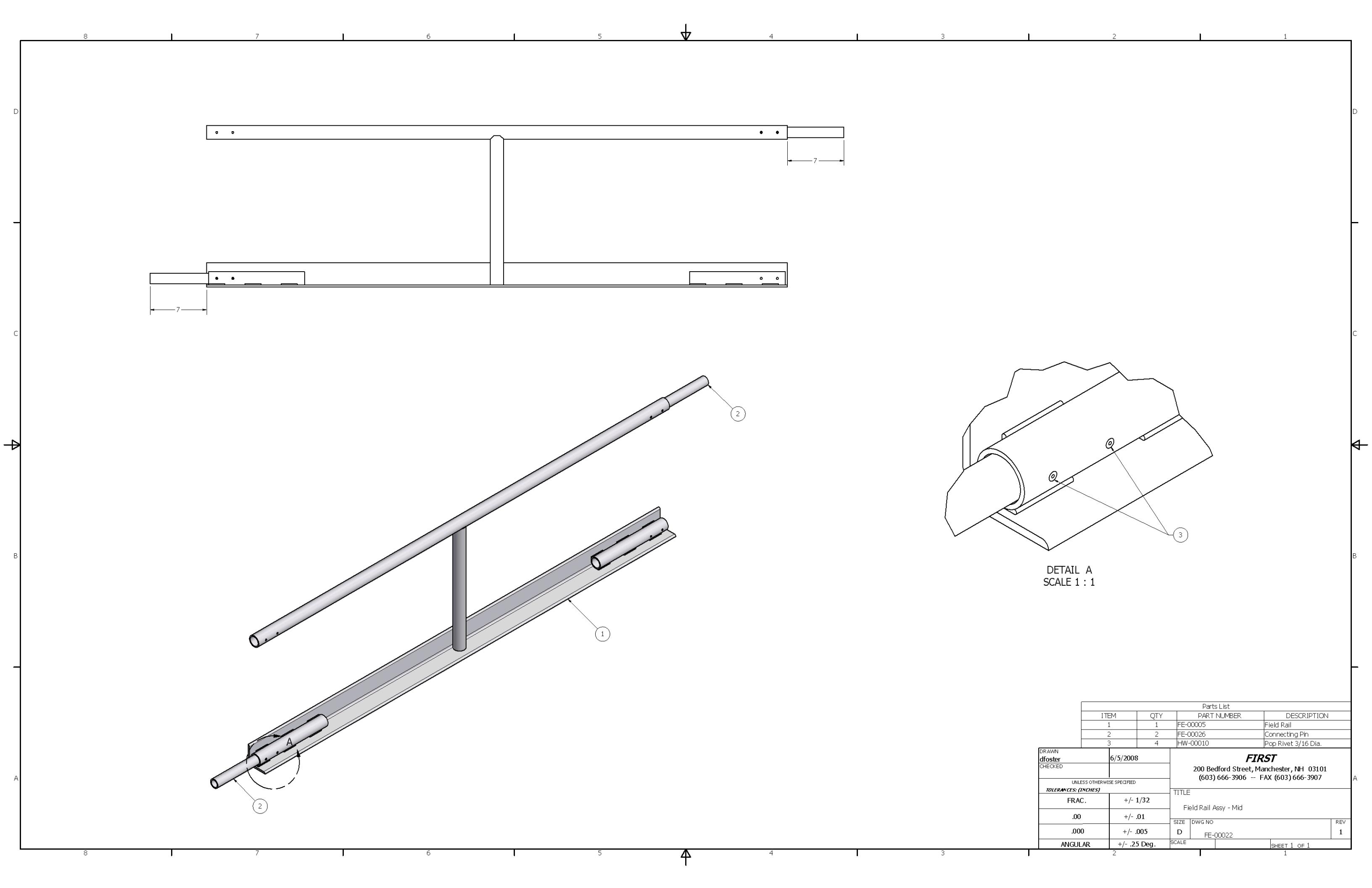


ITEM: 3, FE-00018-03 MOUNTING PLATE
RESOURCE: 3
SCALE: 1/2

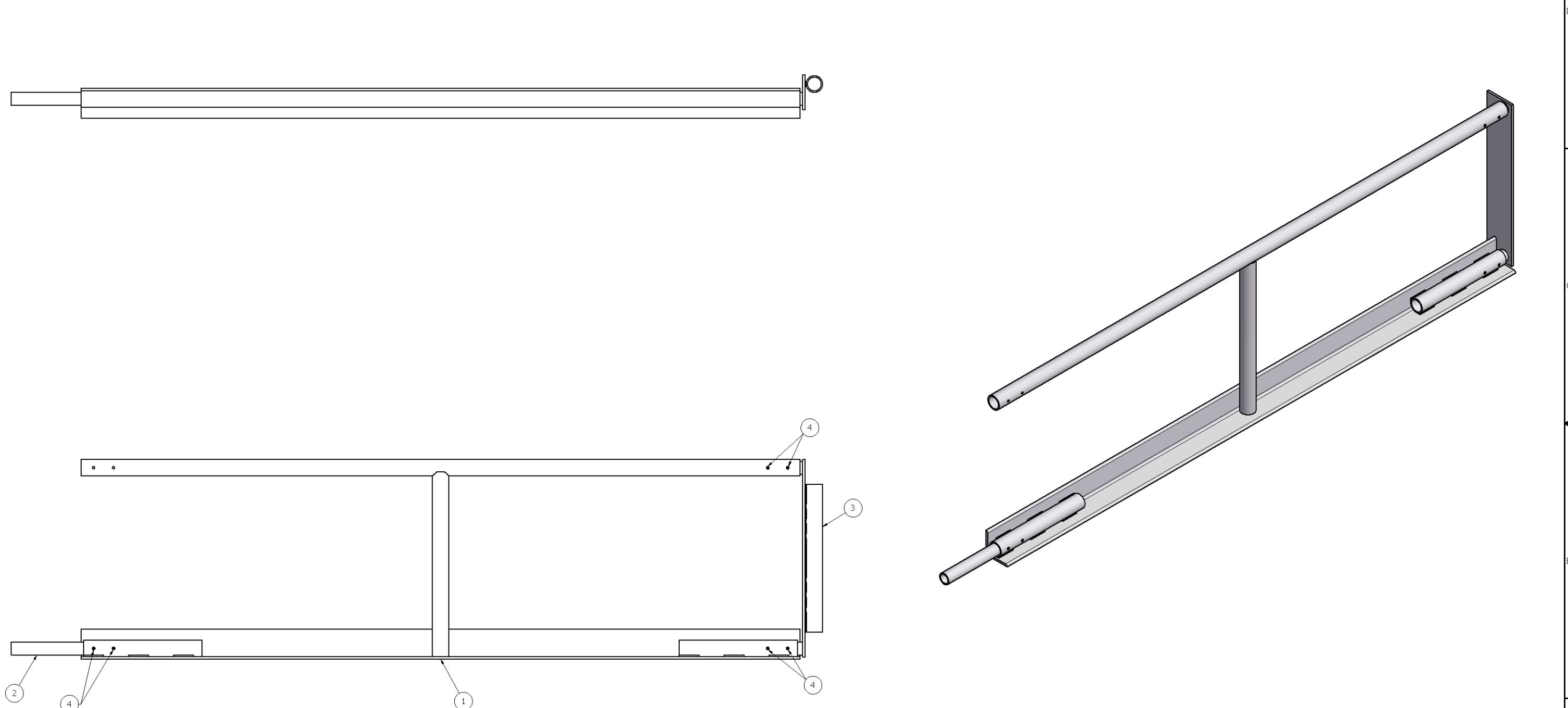
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	FE-00018-01	Connecting Tube
2	2	FE-00018-02	Insert Tube
3	1	FE-00018-03	Mounting Plate

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

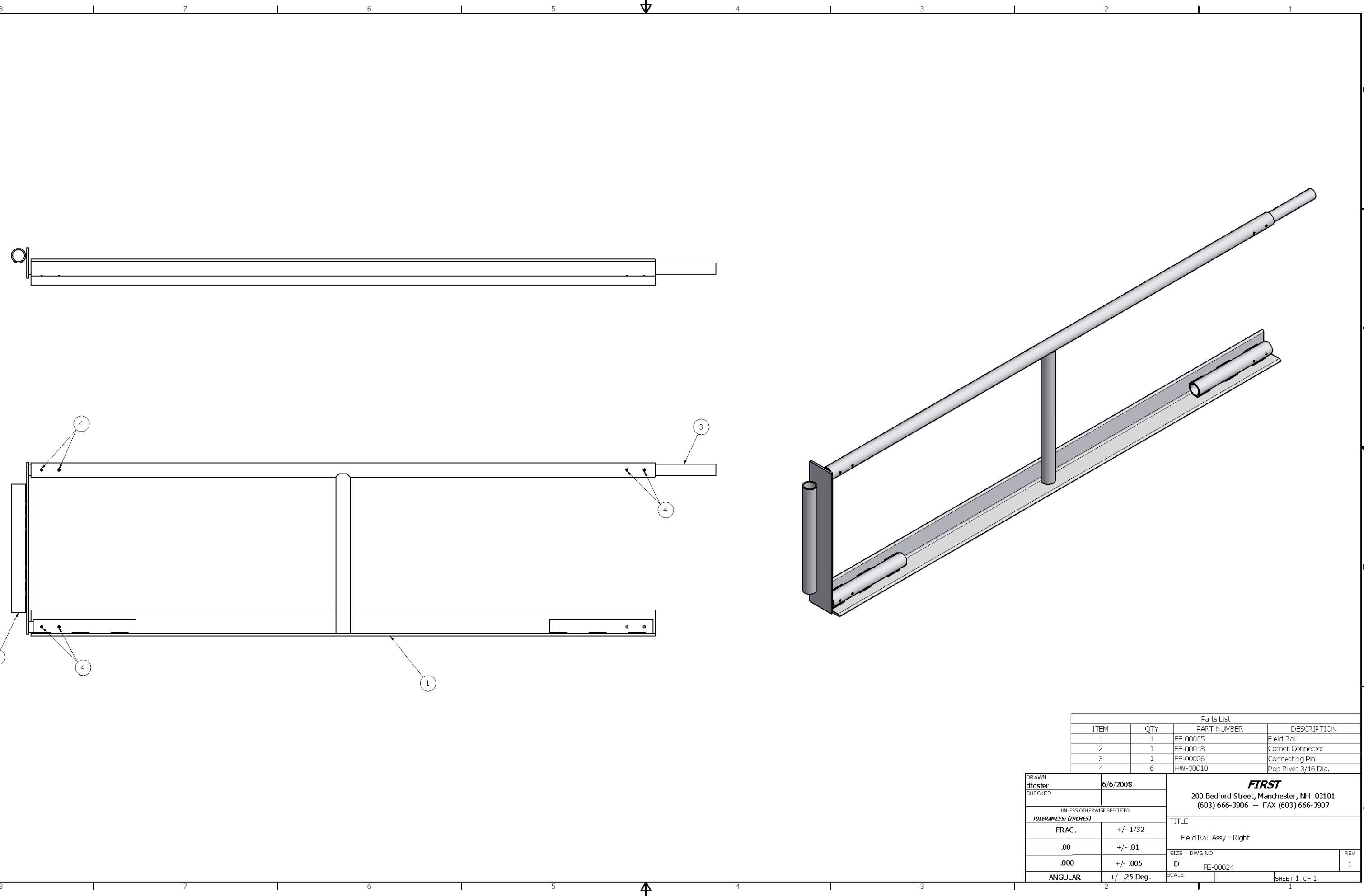


8 7 6 5 4 3 2 1



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	FIRST	
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

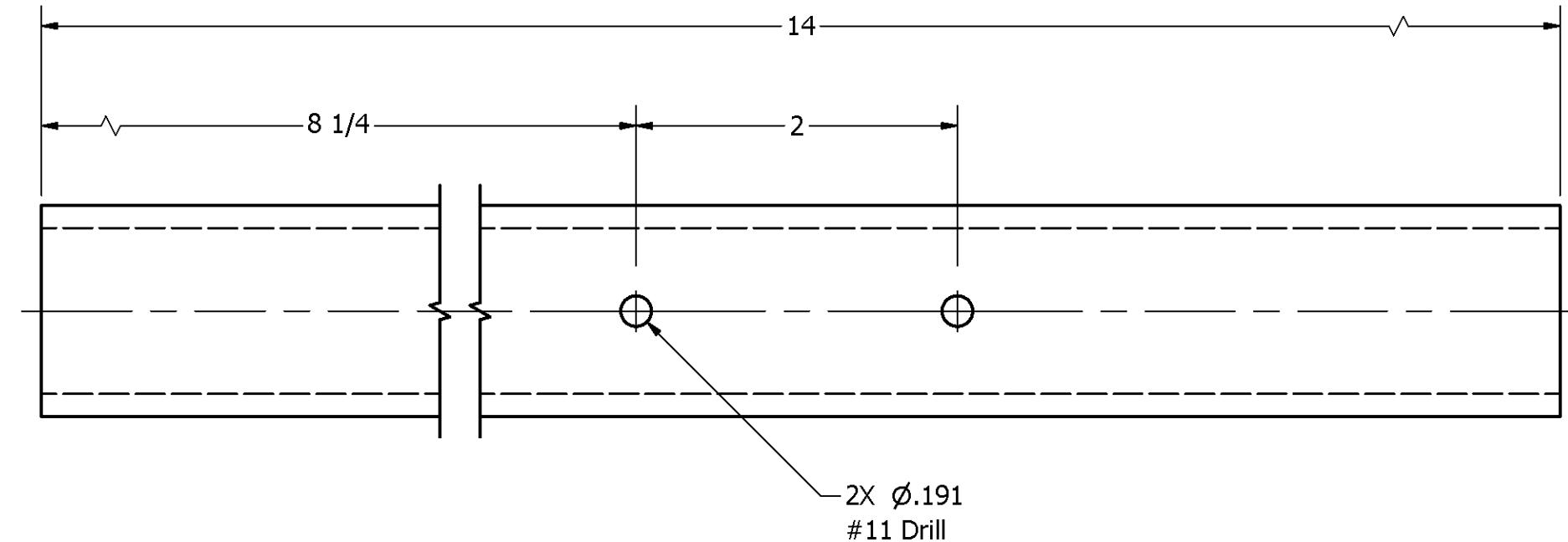
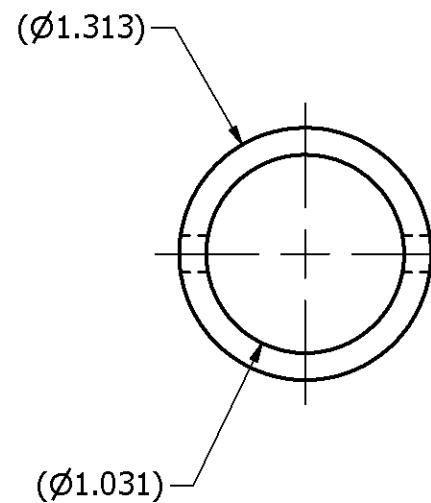
1

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

4

3

2

1

4

4

1

3

4

2

1

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

D

D

C

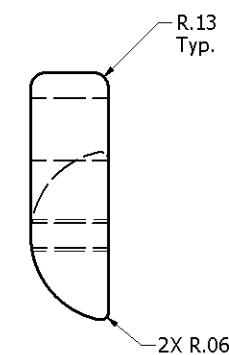
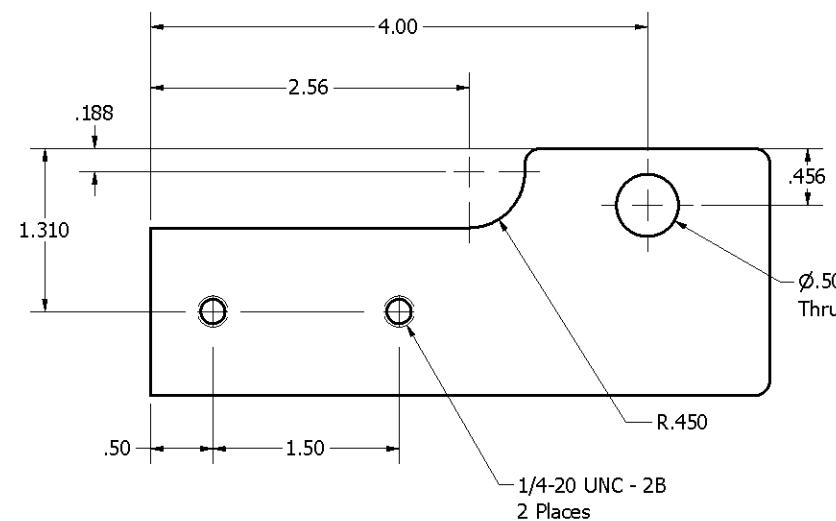
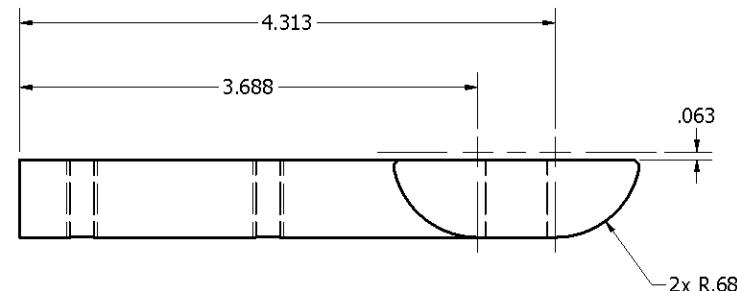
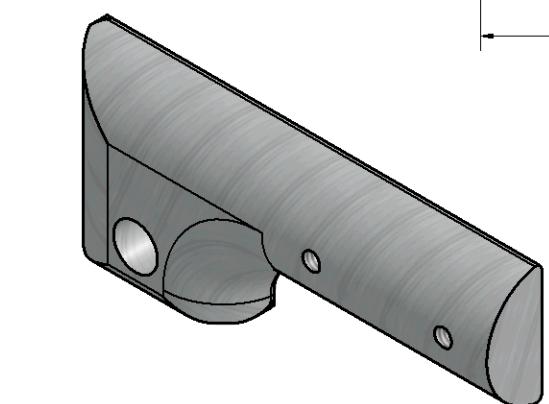
C

A

A

B

B



Notes:

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

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

4

3

2

1

REVISION HISTORY

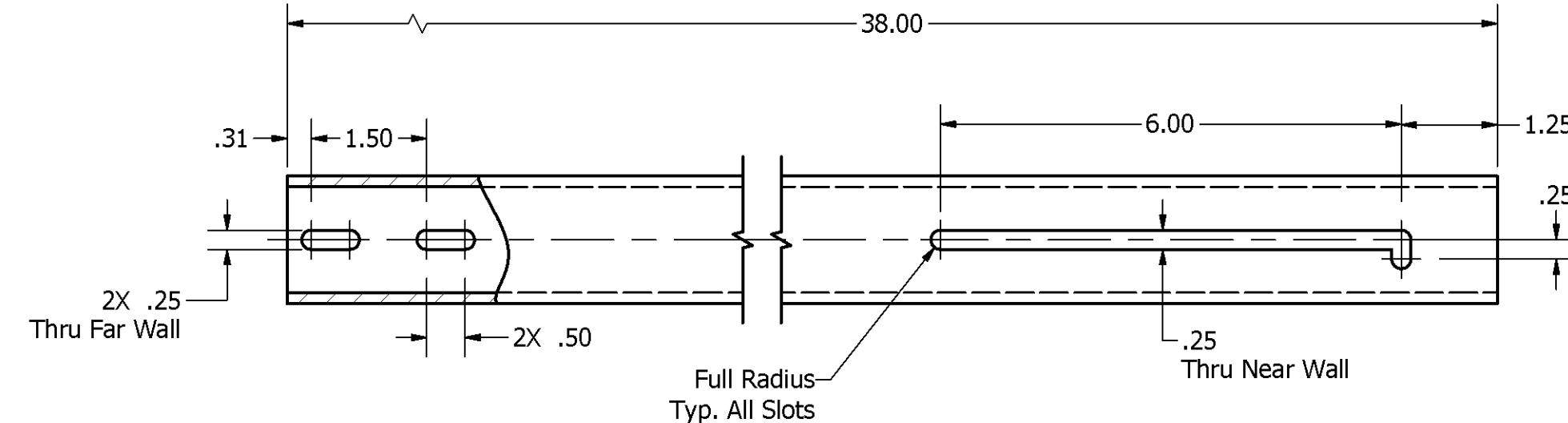
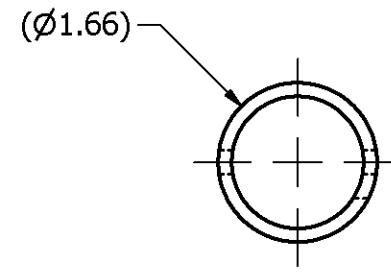
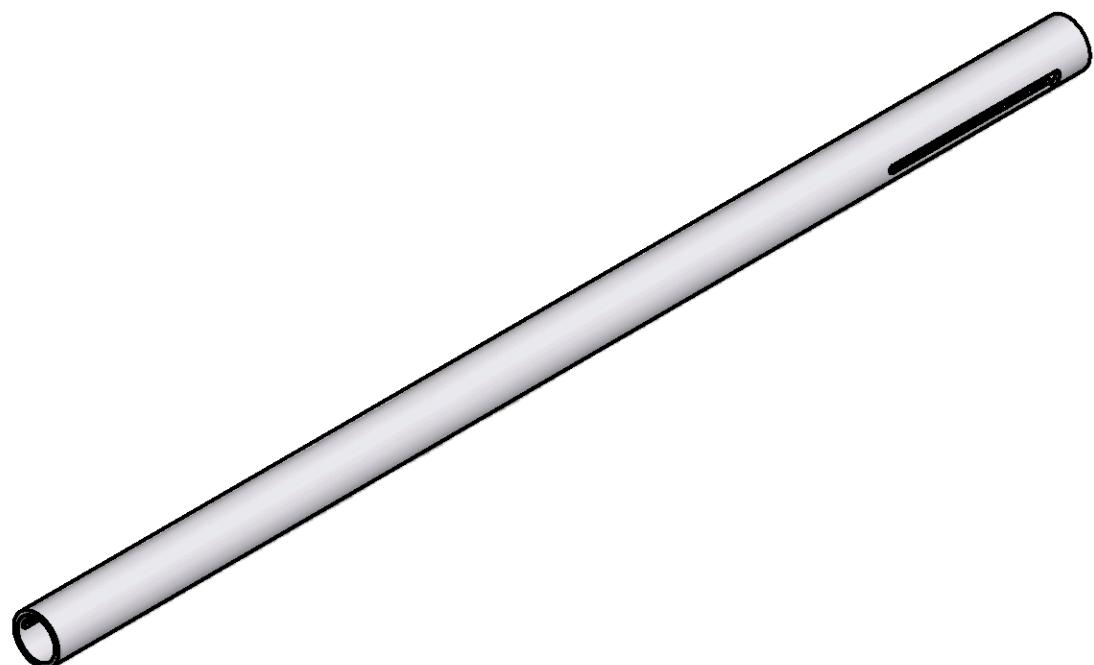
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	Redrawn	8/6/2008	dfoster

B

B

A

A



Notes:

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

DRAWN dfoster	8/7/2008	FIRST		
CHECKED narosenberg	8/12/2008	200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED				
TOLERANCES: (INCHES)		TITLE		
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

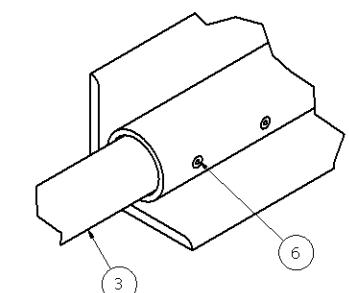
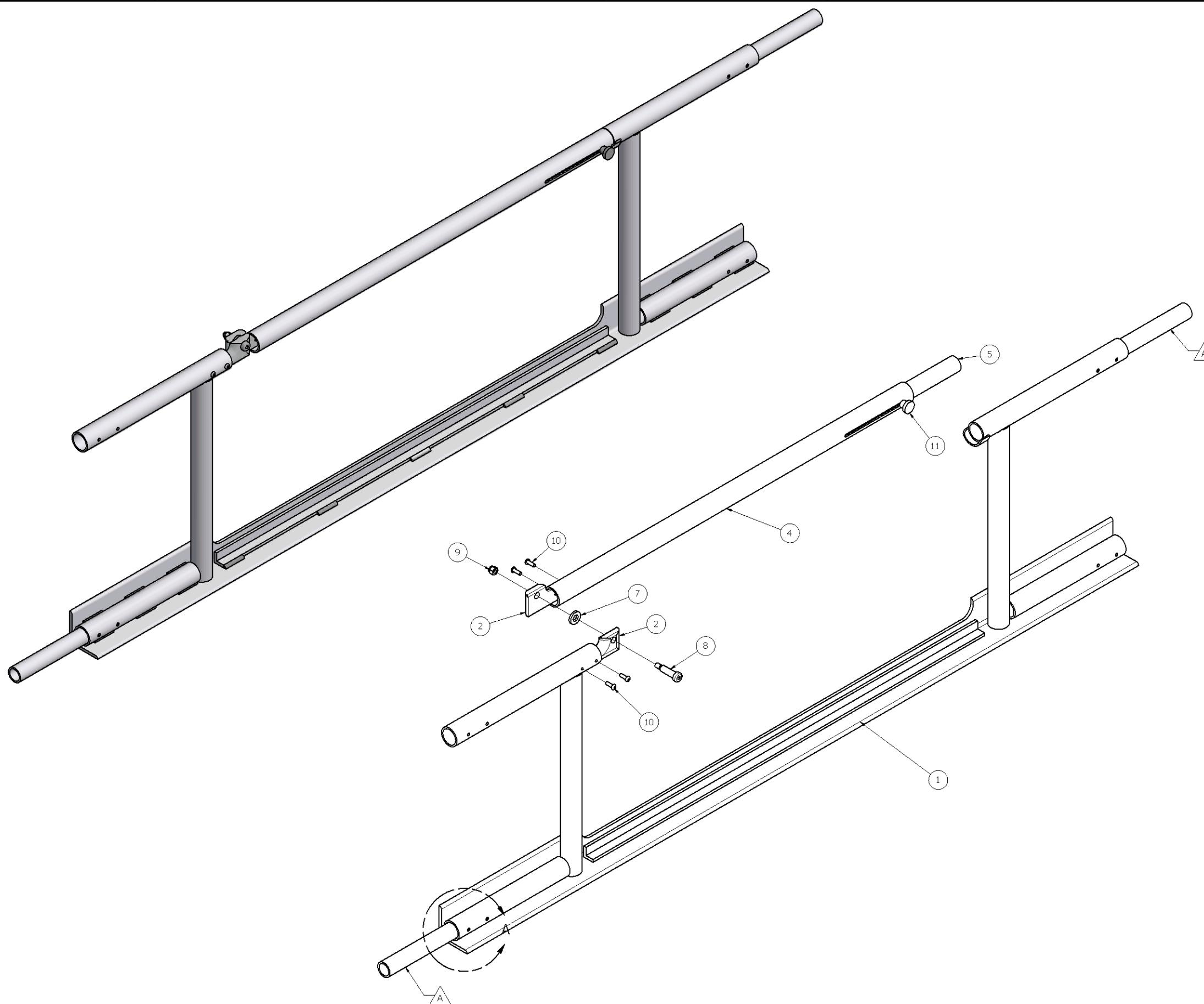
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2

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			
TOLERANCES: (INCHES)			
FRAC.	+/- .1/32		
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.		
SIZE D	DWG NO FE-00029	REV A	
SCALE	SHEET 1 OF 1		

4

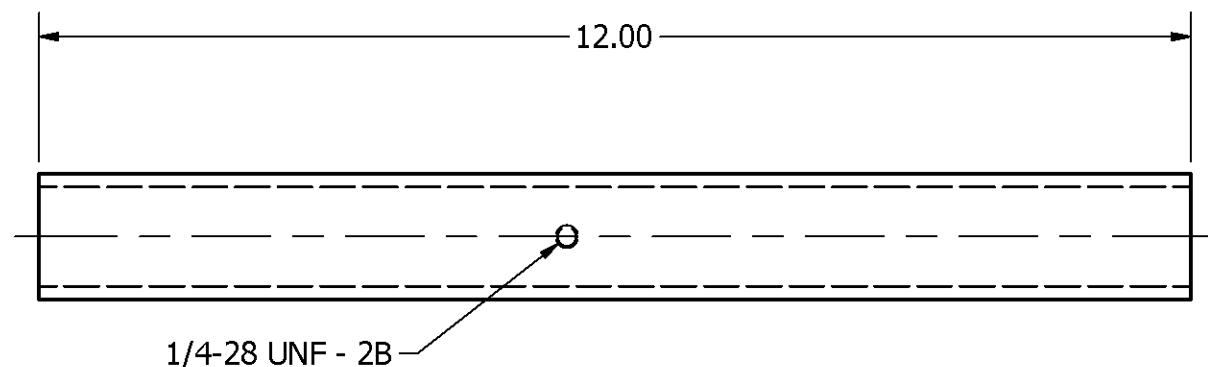
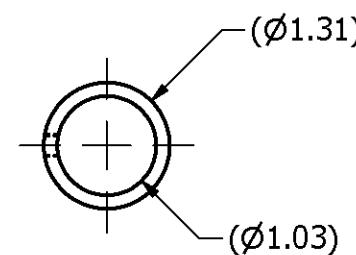
3

2

1

B

B



Notes:

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

DRAWN dfoster	1/2/2009	FIRST					
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	Slide, Gate					
.000	+/- .005	SIZE					
ANGULAR	+/- .25 Deg.	DWG NO					
		FE-00031					
		REV					
		SHEET 1 OF 1					

4

3

2

1

4