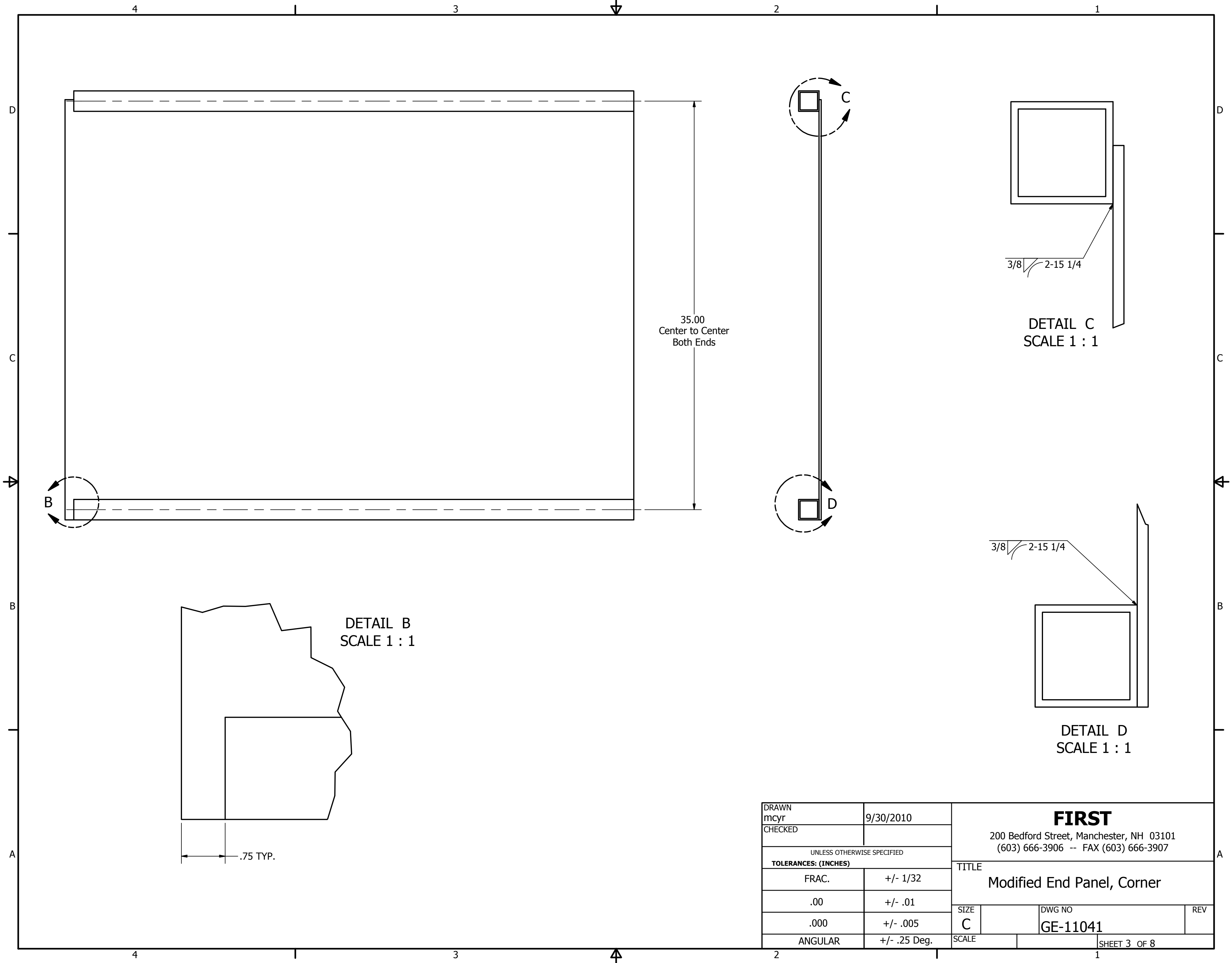
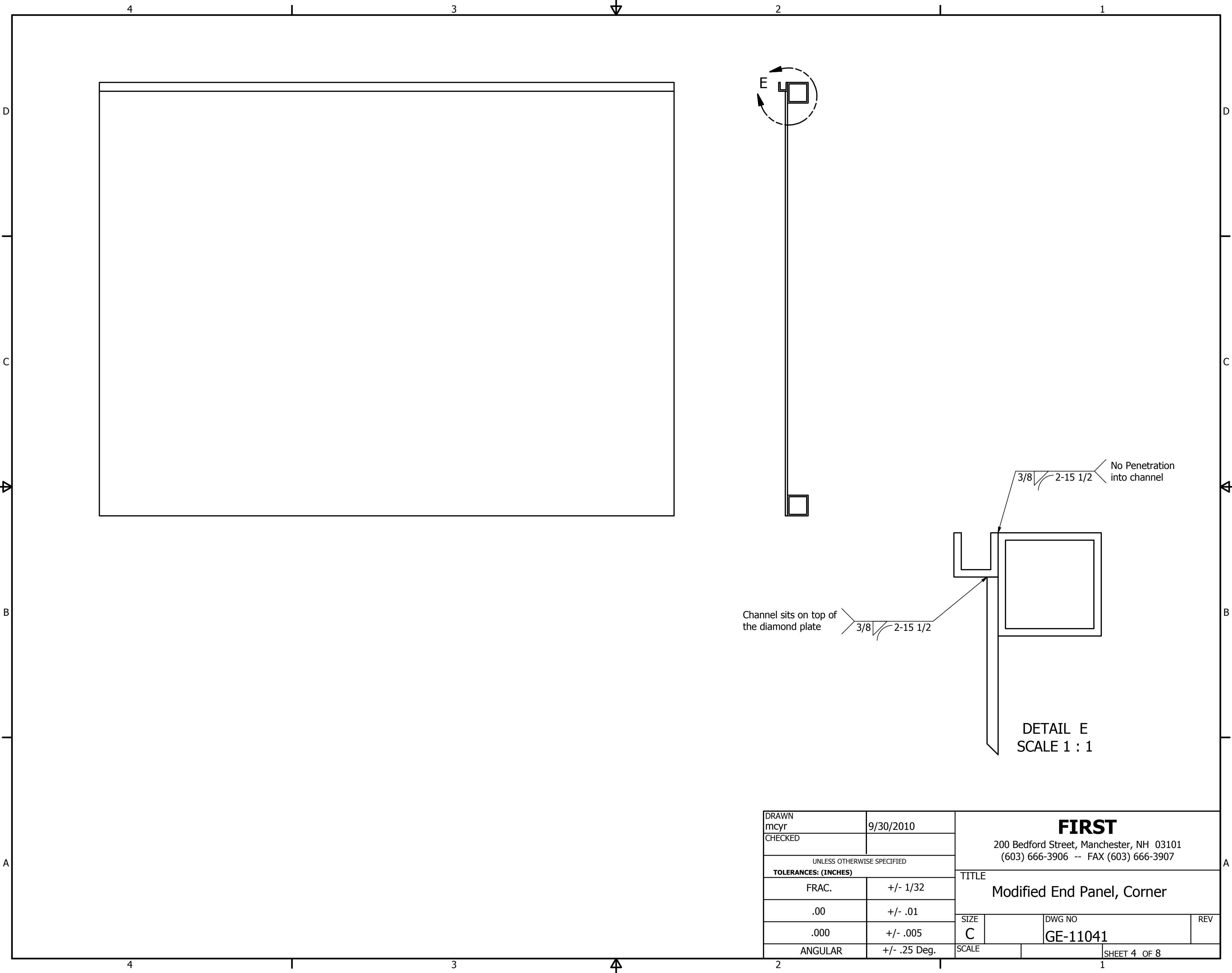


The right side version is shown
throughout the rest of the drawing

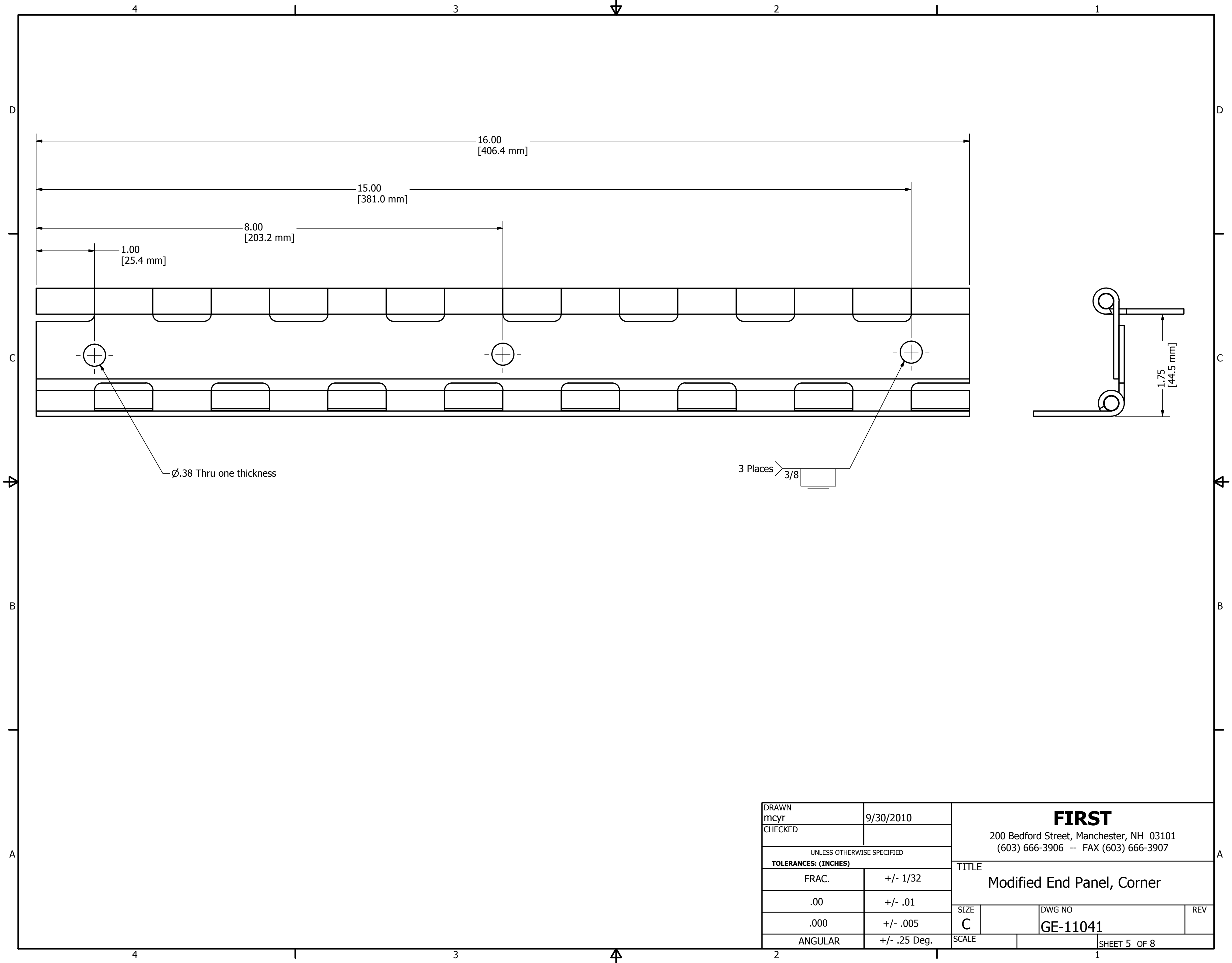
DRAWN mcy CHECKED		9/30/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)				<div>TITLE</div> <div>Modified End Panel, Corner</div>			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-11041	
				SCALE		SHEET 2 OF 8	



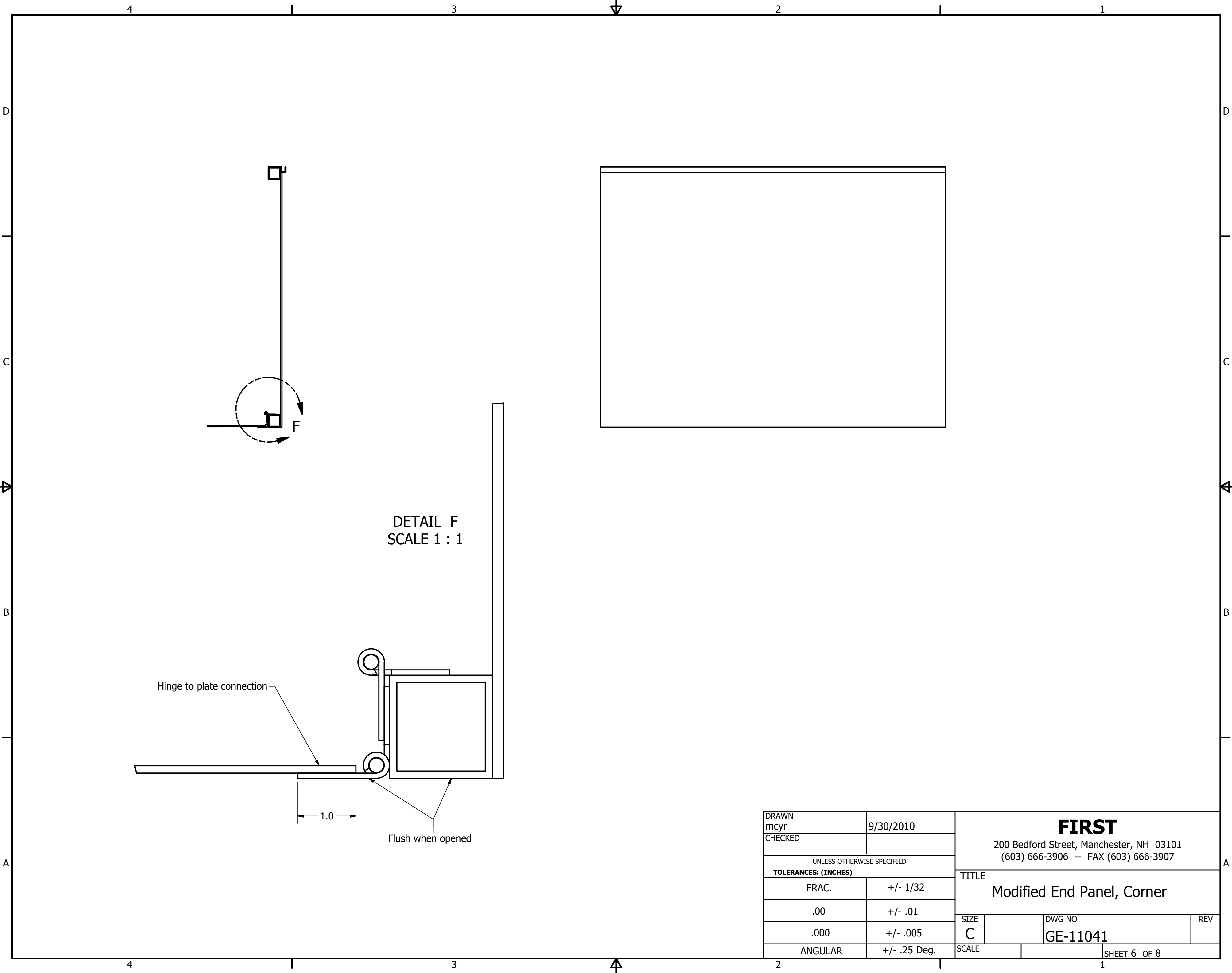
DRAWN mcyr	9/30/2010	<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED					
UNLESS OTHERWISE SPECIFIED		TITLE <div>Modified End Panel, Corner</div>			
TOLERANCES: (INCHES)					
FRAC.	+/- 1/32	SIZE C			
.00	+/- .01				
.000	+/- .005				
ANGULAR	+/- .25 Deg.	SCALE		DWG NO GE-11041	
				REV	
				SHEET 3 OF 8	



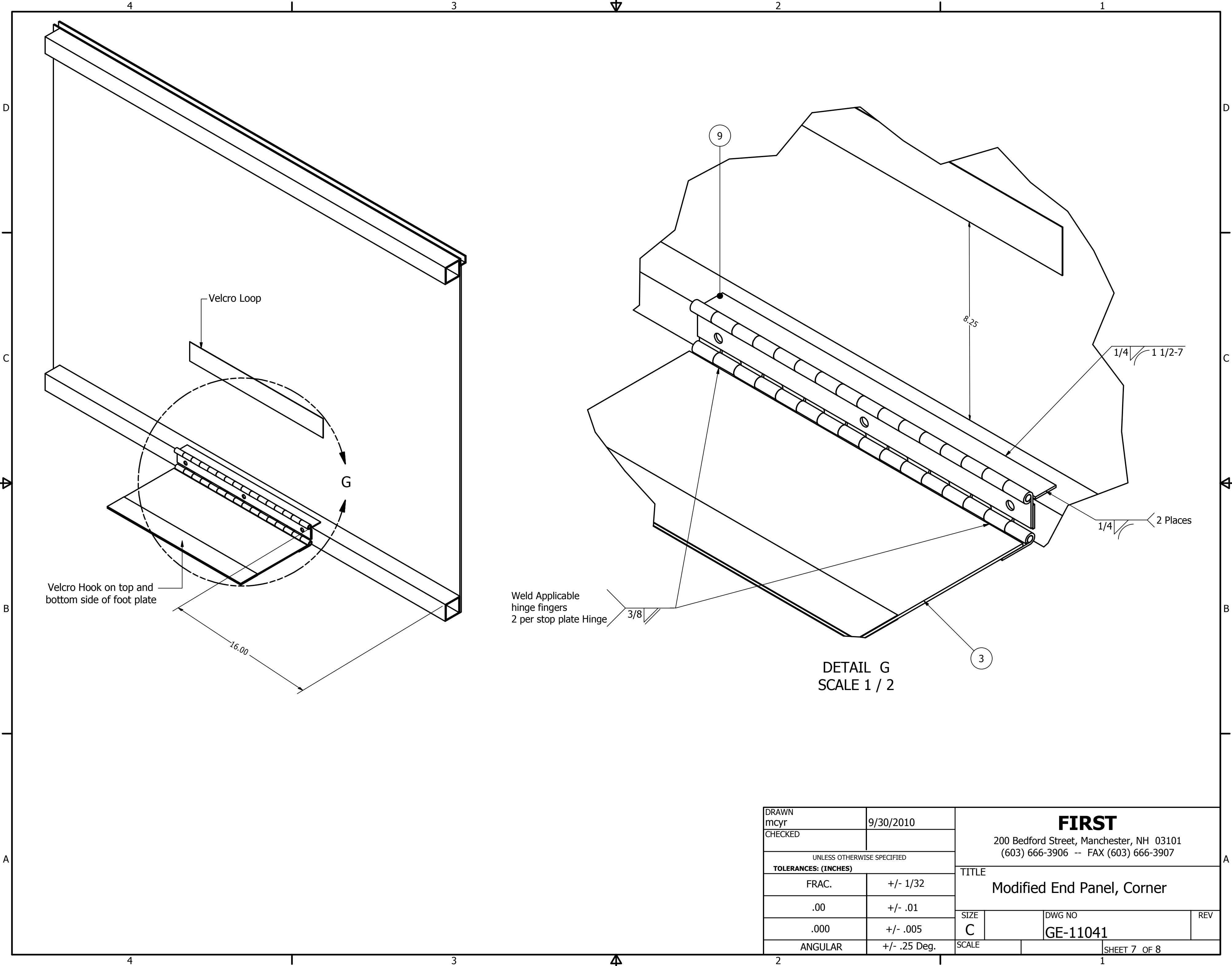
DRAWN mcy CHECKED		9/30/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Modified End Panel, Corner</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-11041	
				SCALE		SHEET 4 OF 8	



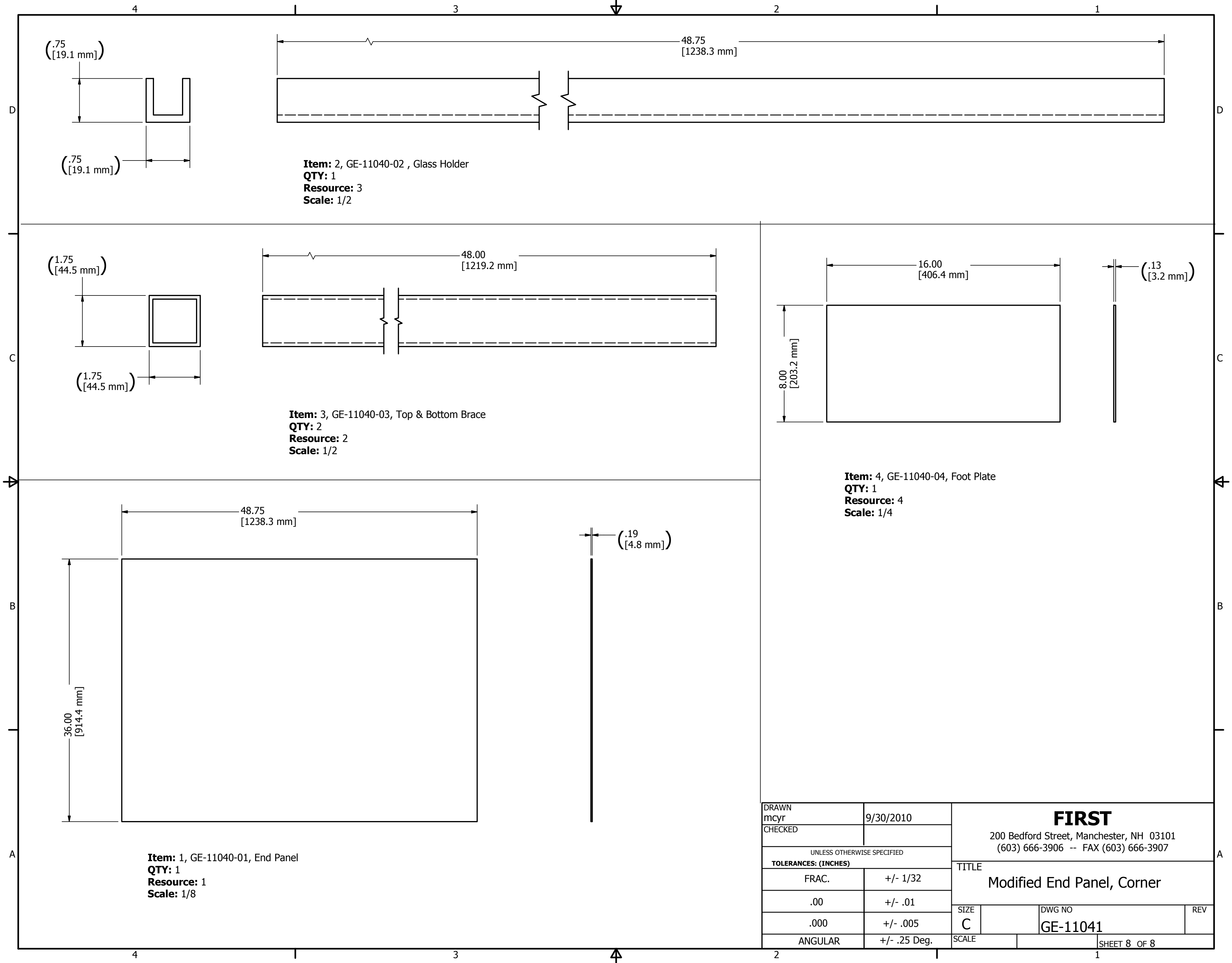
DRAWN mcyr	9/30/2010	FIRST 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)		TITLE Modified End Panel, Corner		
FRAC.	+/- 1/32	SIZE C	DWG NO GE-11041	REV
.00	+/- .01	SCALE	SHEET 5 OF 8	
.000	+/- .005			
ANGULAR	+/- .25 Deg.			

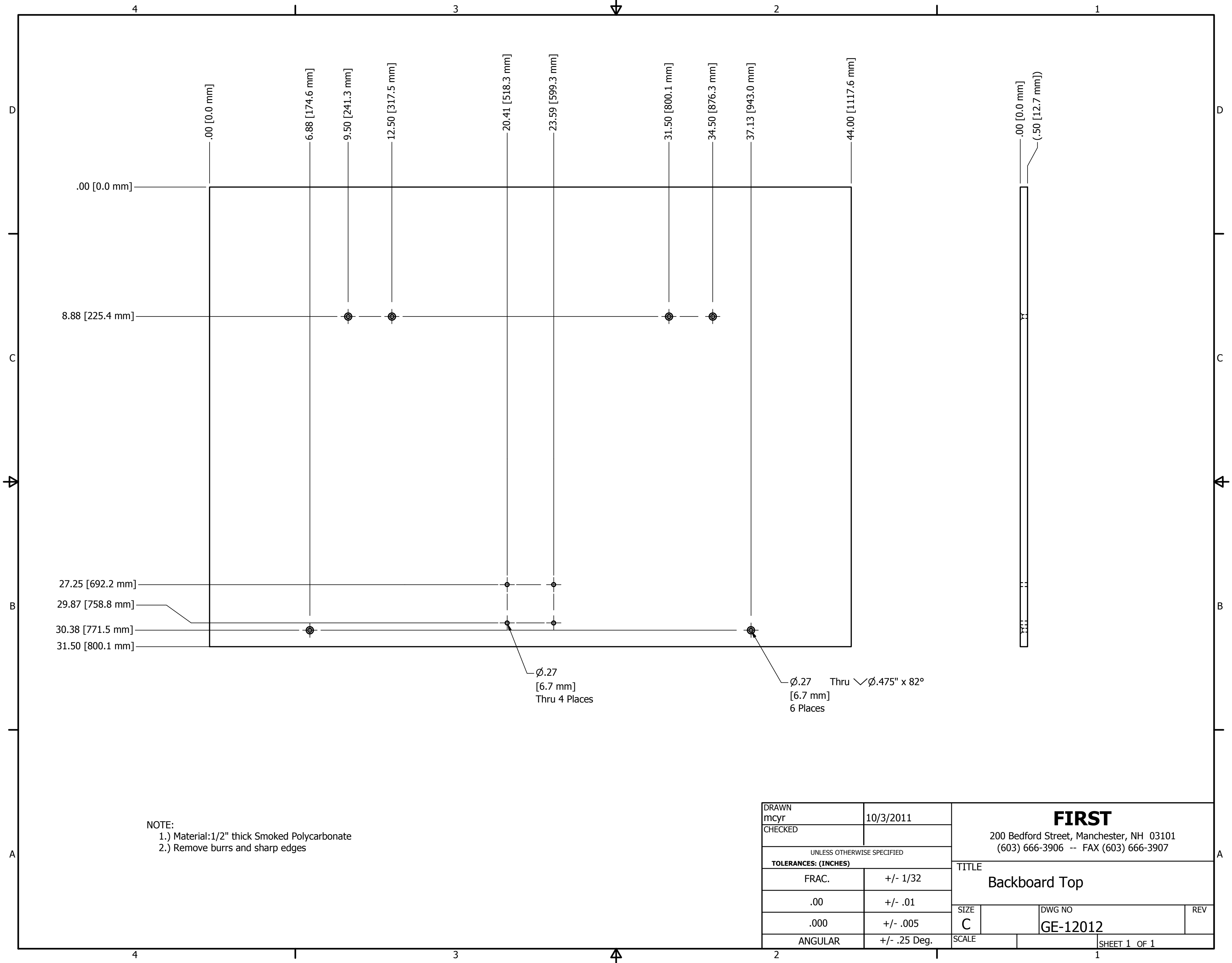


DRAWN mcyr CHECKED	9/30/2010	FIRST 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)		TITLE Modified End Panel, Corner		
FRAC.	+/- 1/32	SIZE C	DWG NO GE-11041	REV
.00	+/- .01			
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SCALE	SHEET 6 OF 8	

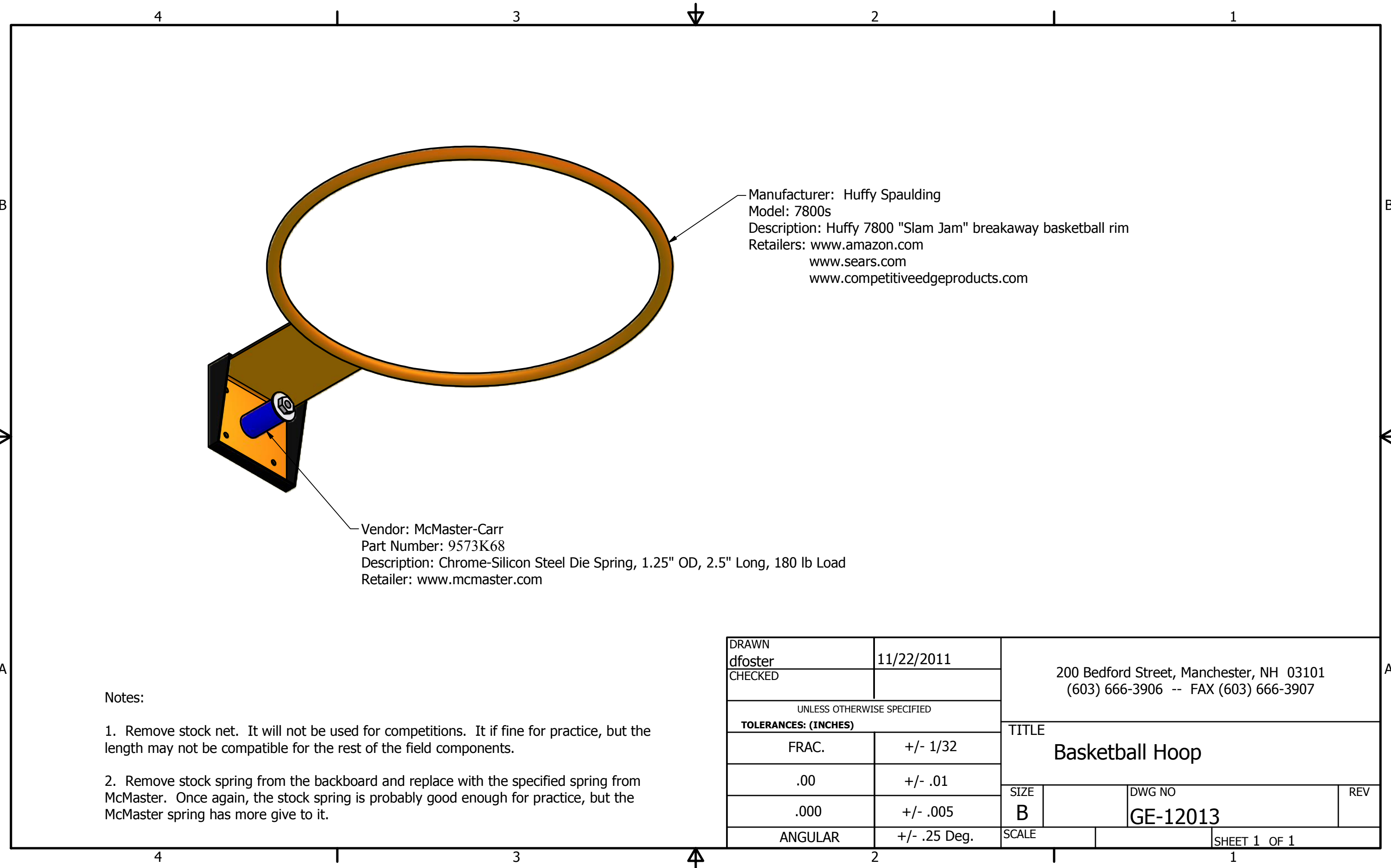


DRAWN mcy		9/30/2010		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Modified End Panel, Corner</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-11041	
				SCALE			SHEET 7 OF 8





DRAWN mcyr		10/3/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Backboard Top</div> <div><div>SIZE</div><div>C</div><div>DWG NO</div><div>GE-12012</div><div>REV</div></div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SCALE		SHEET 1 OF 1	



Manufacturer: Huffy Spaulding
Model: 7800s
Description: Huffy 7800 "Slam Jam" breakaway basketball rim
Retailers: www.amazon.com
www.sears.com
www.competitiveedgeproducts.com

Vendor: McMaster-Carr
Part Number: 9573K68
Description: Chrome-Silicon Steel Die Spring, 1.25" OD, 2.5" Long, 180 lb Load
Retailer: www.mcmaster.com

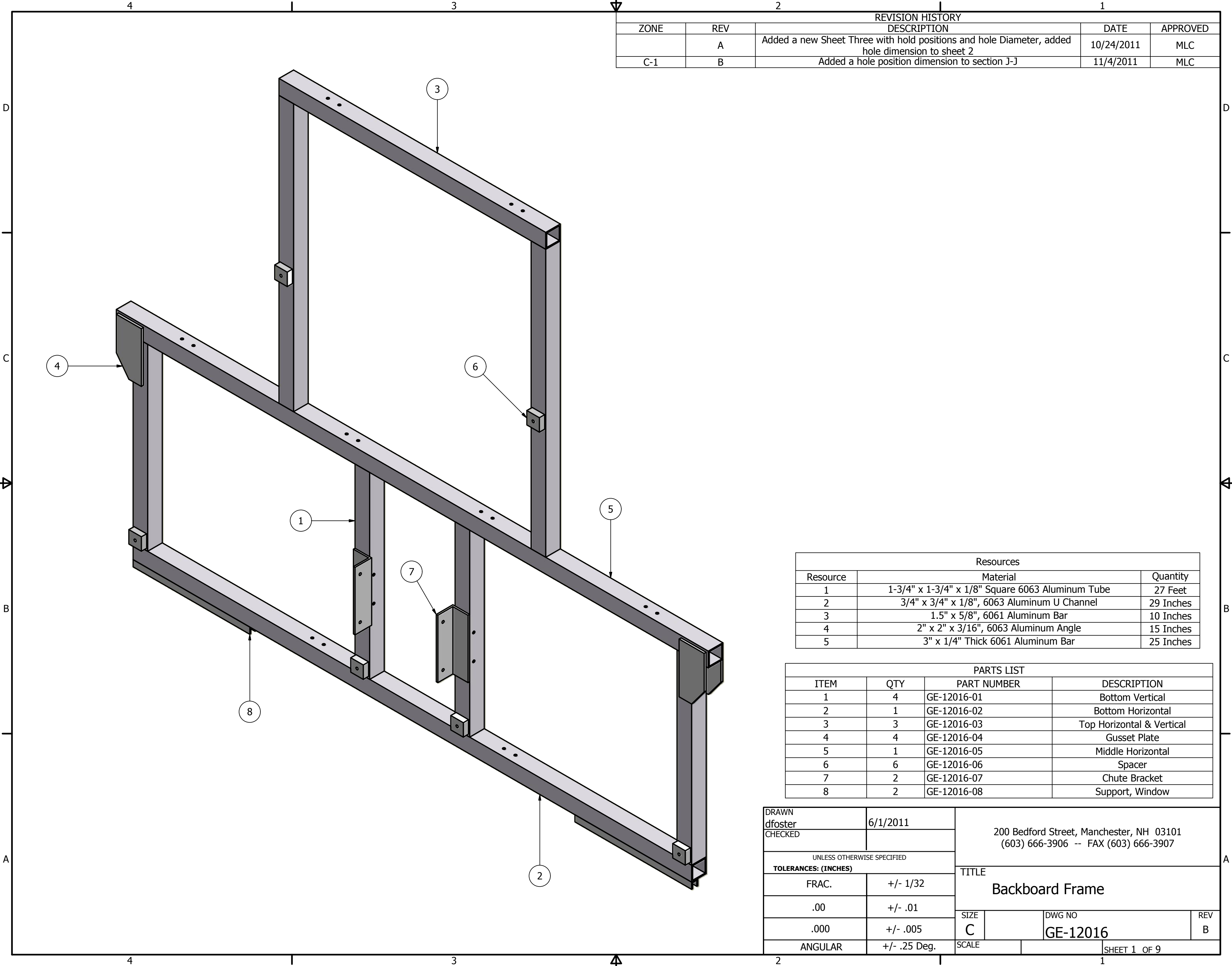
Notes:

- 1. Remove stock net. It will not be used for competitions. It is fine for practice, but the length may not be compatible for the rest of the field components.
- 2. Remove stock spring from the backboard and replace with the specified spring from McMaster. Once again, the stock spring is probably good enough for practice, but the McMaster spring has more give to it.

DRAWN dfoster		11/22/2011		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE Basketball Hoop			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE B		DWG NO GE-12013	REV
ANGULAR		+/- .25 Deg.		SCALE		SHEET 1 OF 1	

Manufacturer: Lifetime
Description: Lifetime Basket Ball Net, 120 gram. White.
Part Number: #0790
Sold at:
www.buylifetime.com
www.competitiveedgeproducts.com
www.farmandfleet.com

DRAWN dfoster	11/28/2011	FIRST 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED					
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)		TITLE Basketball Net			
FRAC.	+/- 1/32				
.00	+/- .01				
.000	+/- .005	SIZE B	DWG NO GE-12014		REV
ANGULAR	+/- .25 Deg.	SCALE	SHEET 1 OF 1		

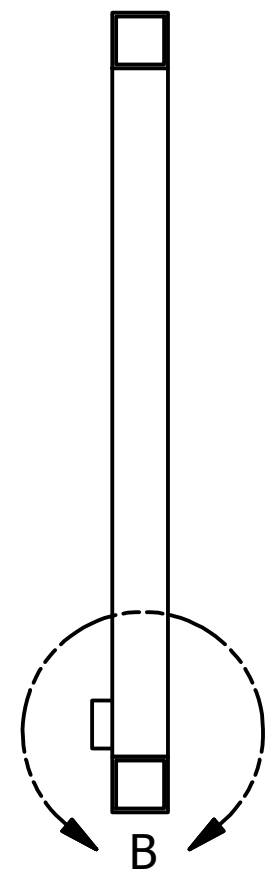
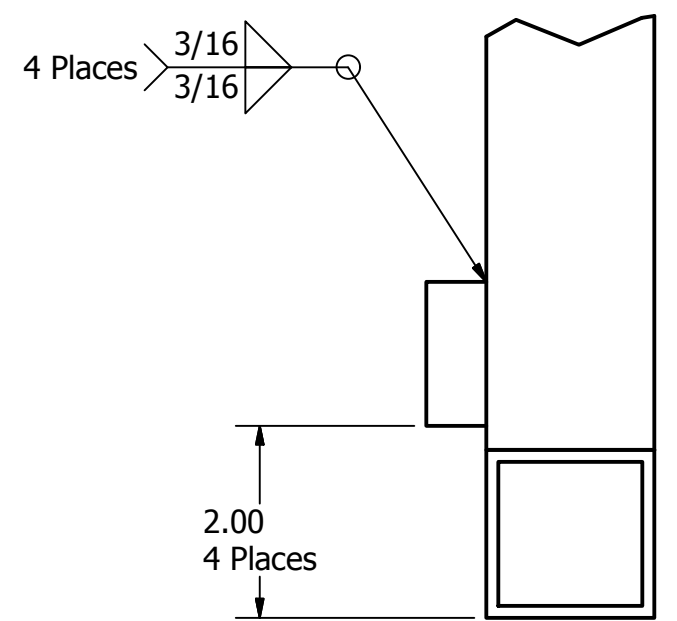
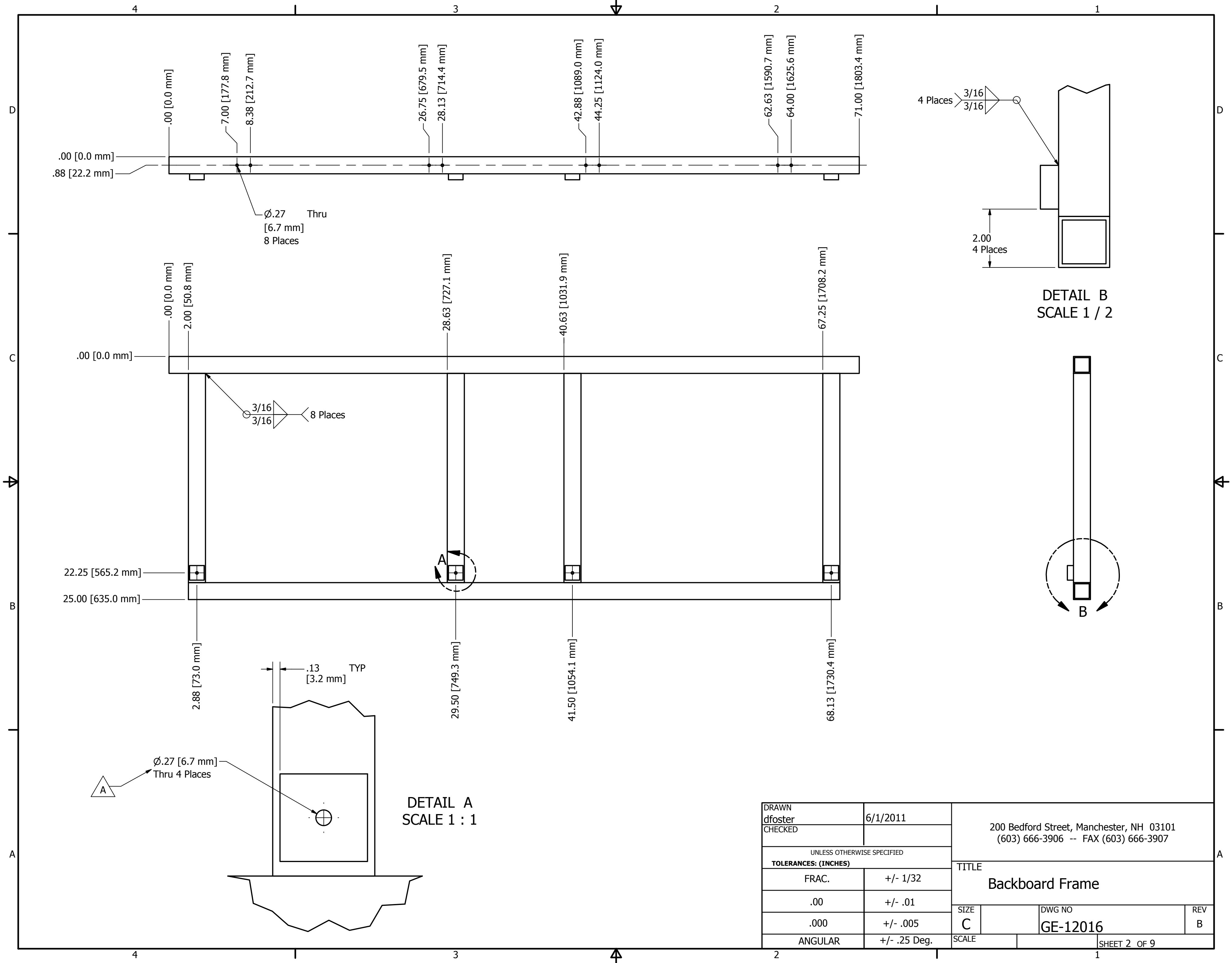


REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	Added a new Sheet Three with hold positions and hole Diameter, added hole dimension to sheet 2	10/24/2011	MLC
C-1	B	Added a hole position dimension to section J-J	11/4/2011	MLC

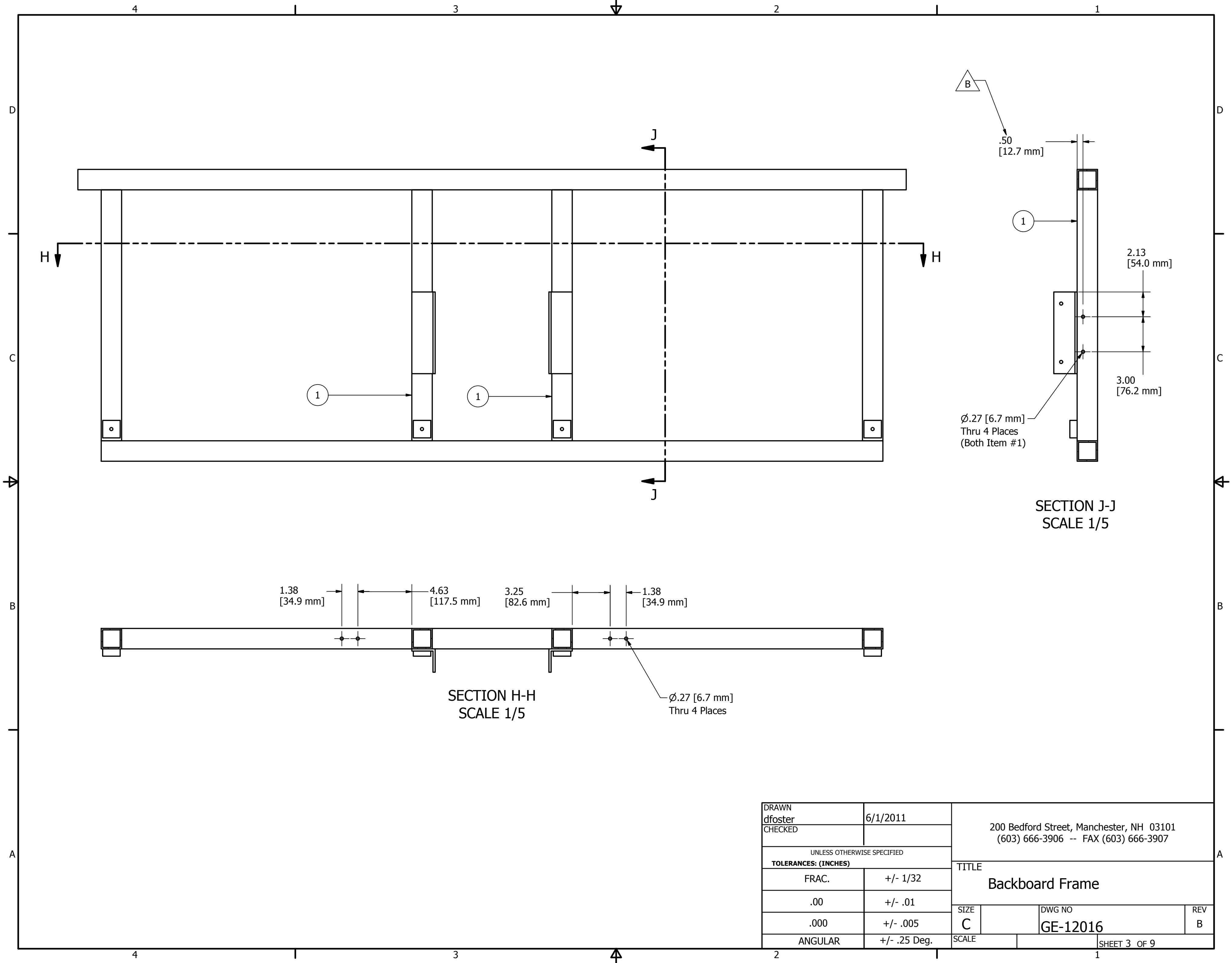
Resources		
Resource	Material	Quantity
1	1-3/4" x 1-3/4" x 1/8" Square 6063 Aluminum Tube	27 Feet
2	3/4" x 3/4" x 1/8", 6063 Aluminum U Channel	29 Inches
3	1.5" x 5/8", 6061 Aluminum Bar	10 Inches
4	2" x 2" x 3/16", 6063 Aluminum Angle	15 Inches
5	3" x 1/4" Thick 6061 Aluminum Bar	25 Inches

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	GE-12016-01	Bottom Vertical
2	1	GE-12016-02	Bottom Horizontal
3	3	GE-12016-03	Top Horizontal & Vertical
4	4	GE-12016-04	Gusset Plate
5	1	GE-12016-05	Middle Horizontal
6	6	GE-12016-06	Spacer
7	2	GE-12016-07	Chute Bracket
8	2	GE-12016-08	Support, Window

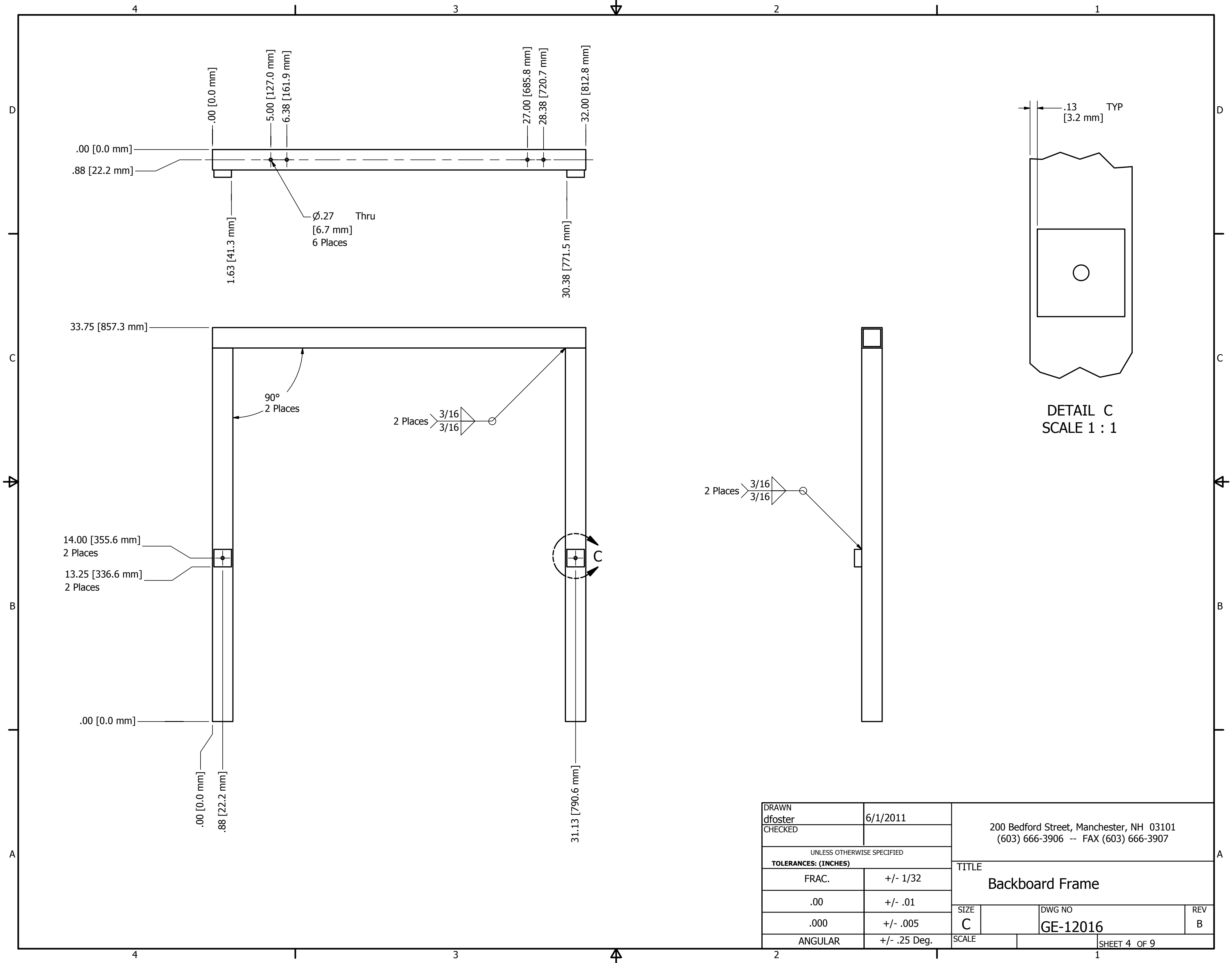
DRAWN dfoster		6/1/2011		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE Backboard Frame			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE	DWG NO		REV
ANGULAR		+/- .25 Deg.		C	GE-12016		B
				SCALE		SHEET 1 OF 9	



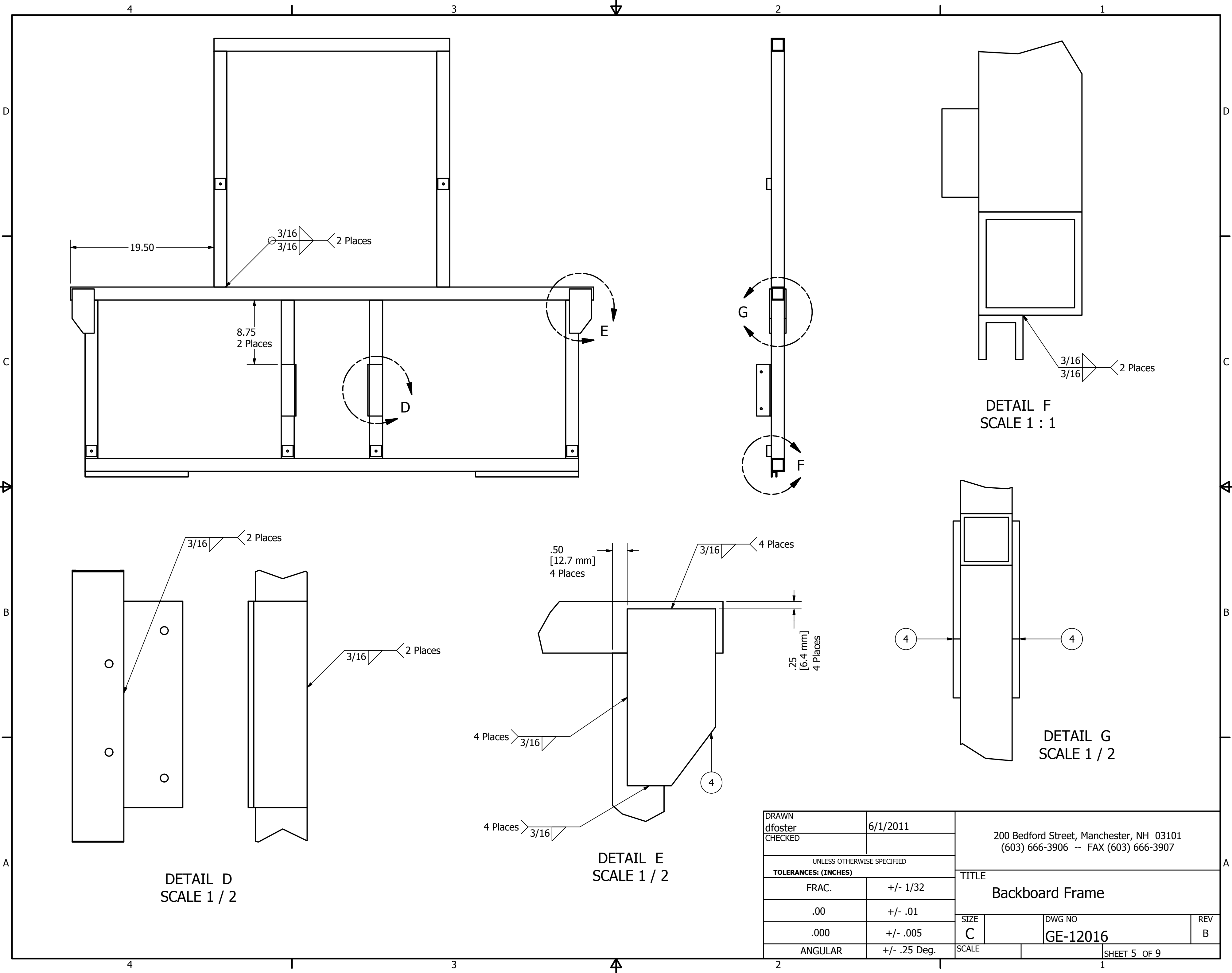
DRAWN dfoster		6/1/2011		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED							
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)							
FRAC.		+/- 1/32		TITLE Backboard Frame			
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE C	DWG NO GE-12016		REV B
				SCALE		SHEET 2 OF 9	



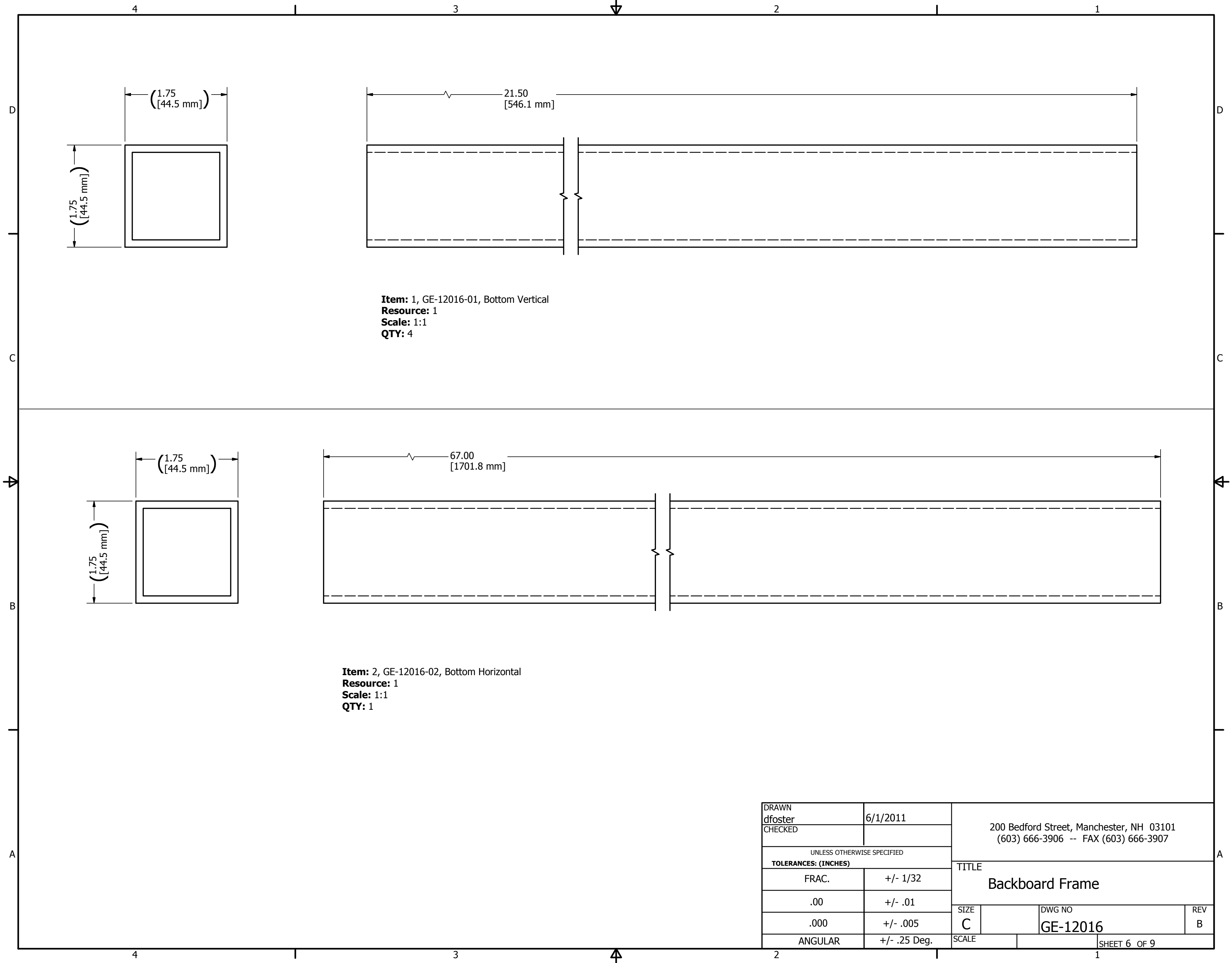
DRAWN dfoster CHECKED	6/1/2011	200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)		TITLE Backboard Frame		
FRAC.	+/- 1/32			
.00	+/- .01	SIZE C	DWG NO GE-12016	REV B
.000	+/- .005	SCALE		
ANGULAR	+/- .25 Deg.	SHEET 3 OF 9		

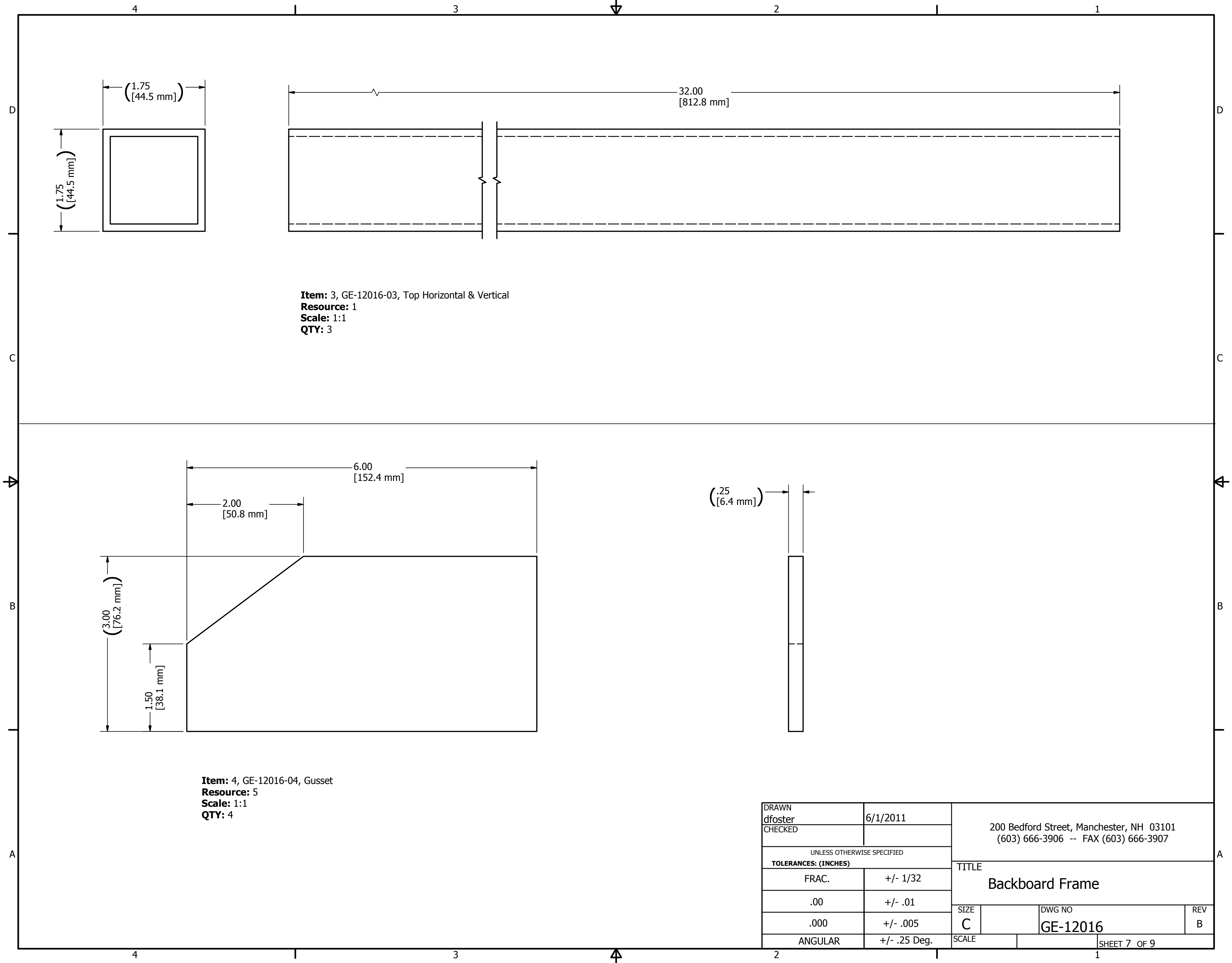


DRAWN dfoster		6/1/2011		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE Backboard Frame			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32		SIZE C		DWG NO GE-12016	REV B
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SCALE		SHEET 4 OF 9	



DRAWN dfoster		6/1/2011		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE Backboard Frame			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE C	DWG NO GE-12016		REV B
ANGULAR		+/- .25 Deg.		SCALE		SHEET 5 OF 9	

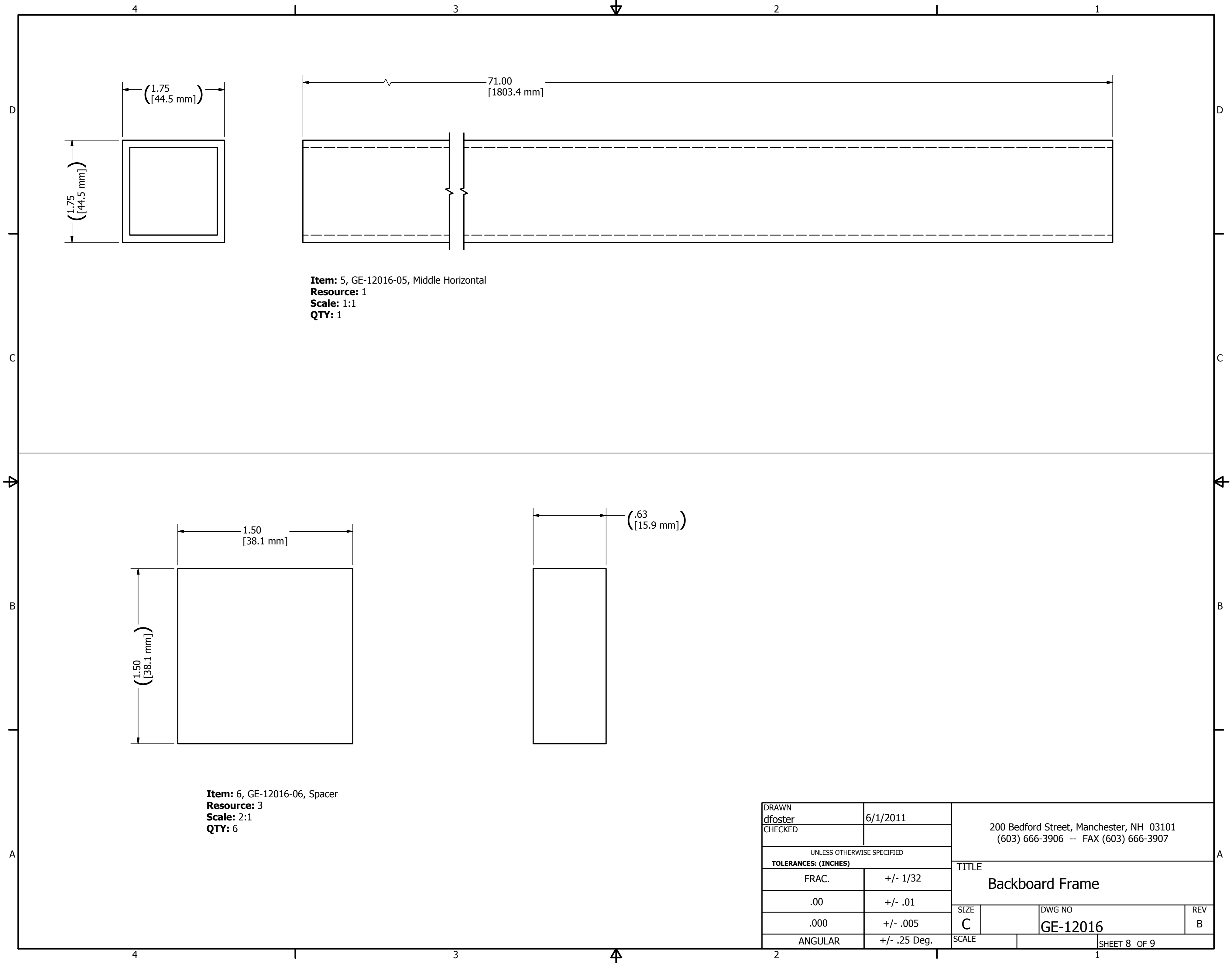




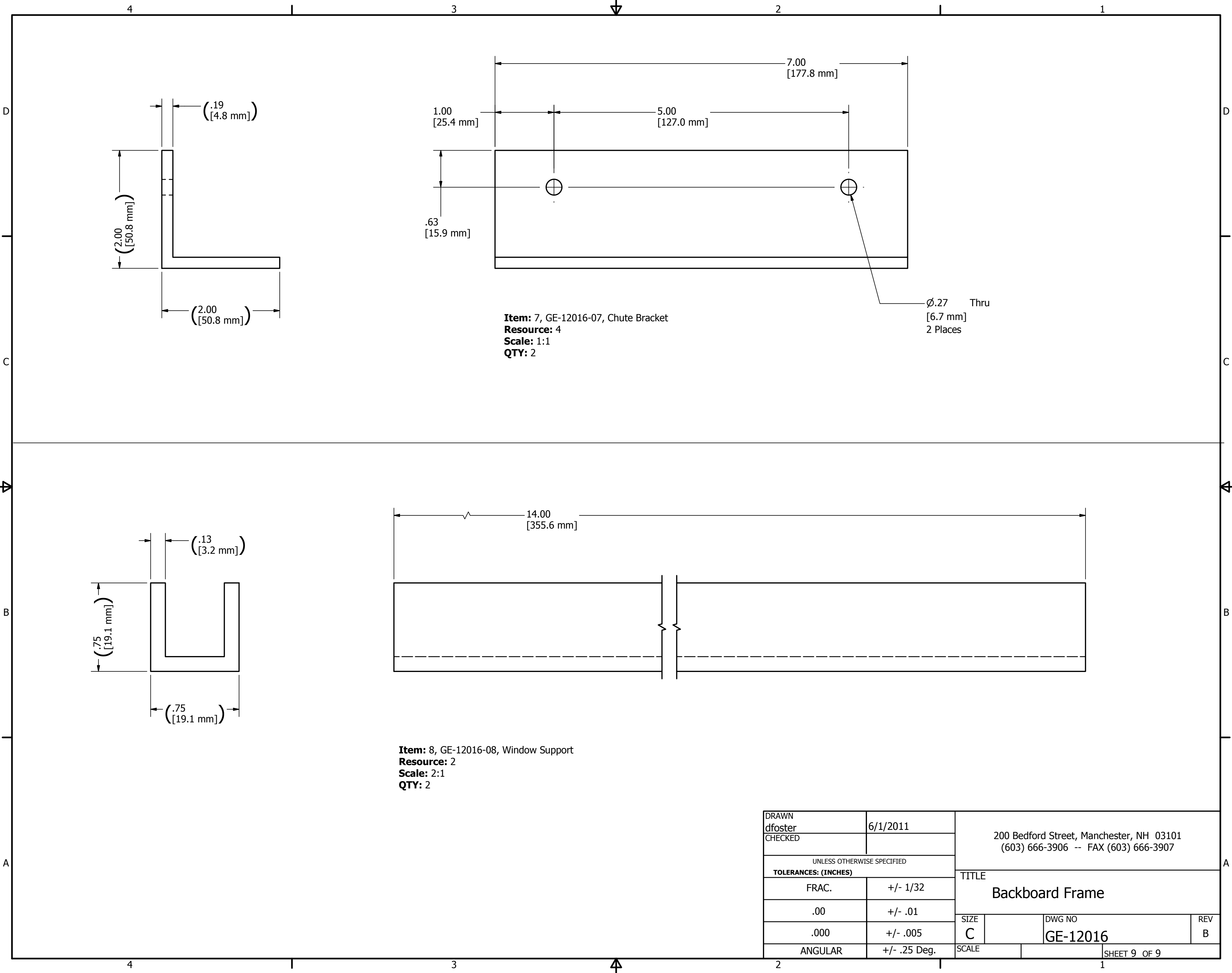
Item: 3, GE-12016-03, Top Horizontal & Vertical
Resource: 1
Scale: 1:1
QTY: 3

Item: 4, GE-12016-04, Gusset
Resource: 5
Scale: 1:1
QTY: 4

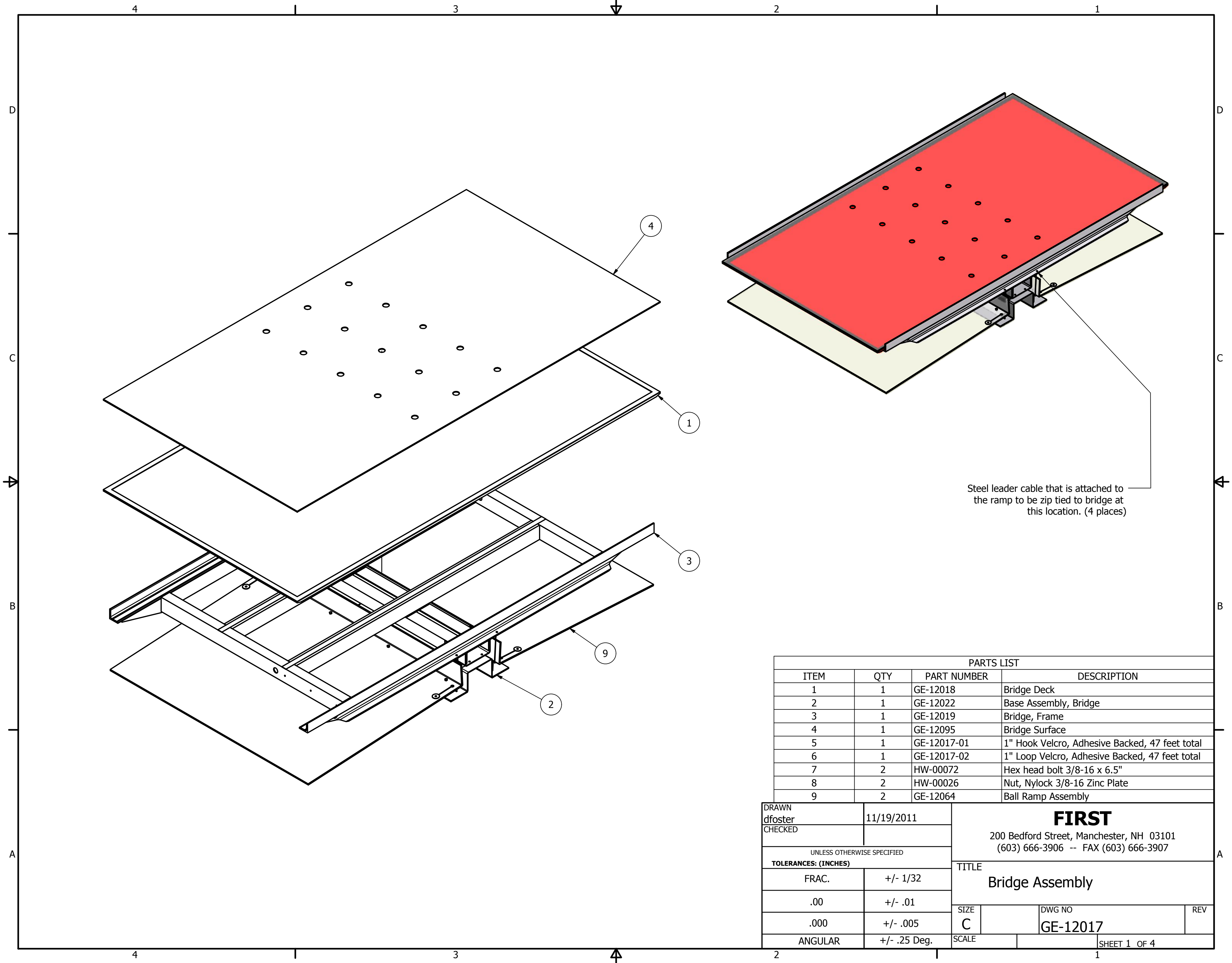
DRAWN dfoster		6/1/2011		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907				
CHECKED								
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)				TITLE Backboard Frame				
FRAC.		+/- 1/32						
.00		+/- .01		SIZE C				
.000		+/- .005						
ANGULAR		+/- .25 Deg.		SCALE		DWG NO GE-12016		REV B
						SHEET 7 OF 9		



DRAWN dfoster		6/1/2011		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED							
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)				TITLE Backboard Frame			
FRAC.		+/- 1/32					
.00		+/- .01		SIZE C			
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SCALE		DWG NO GE-12016	
						REV B	
						SHEET 8 OF 9	



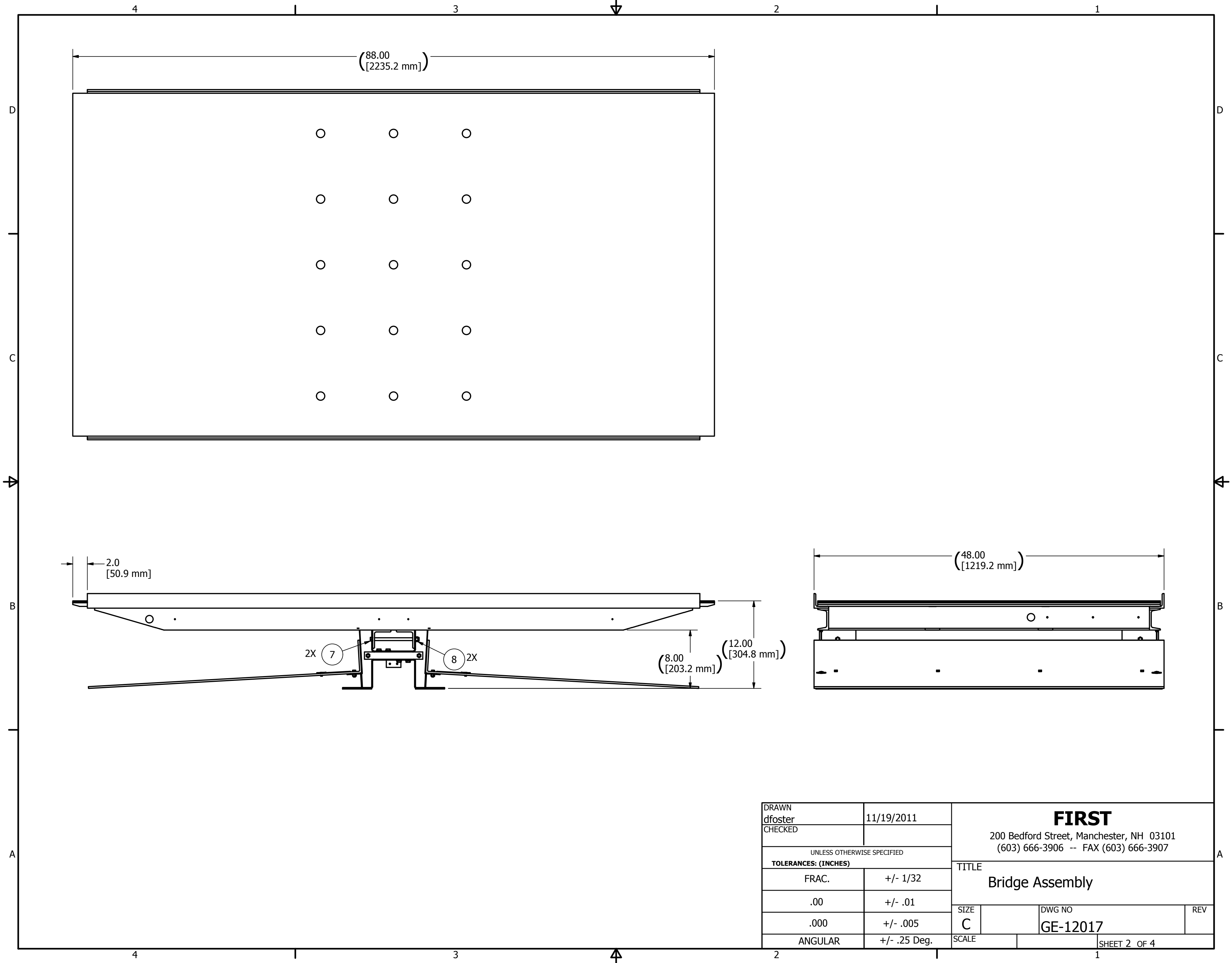
DRAWN dfoster		6/1/2011		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED							
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)				TITLE Backboard Frame			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE C		DWG NO GE-12016	REV B
				SCALE		SHEET 9 OF 9	



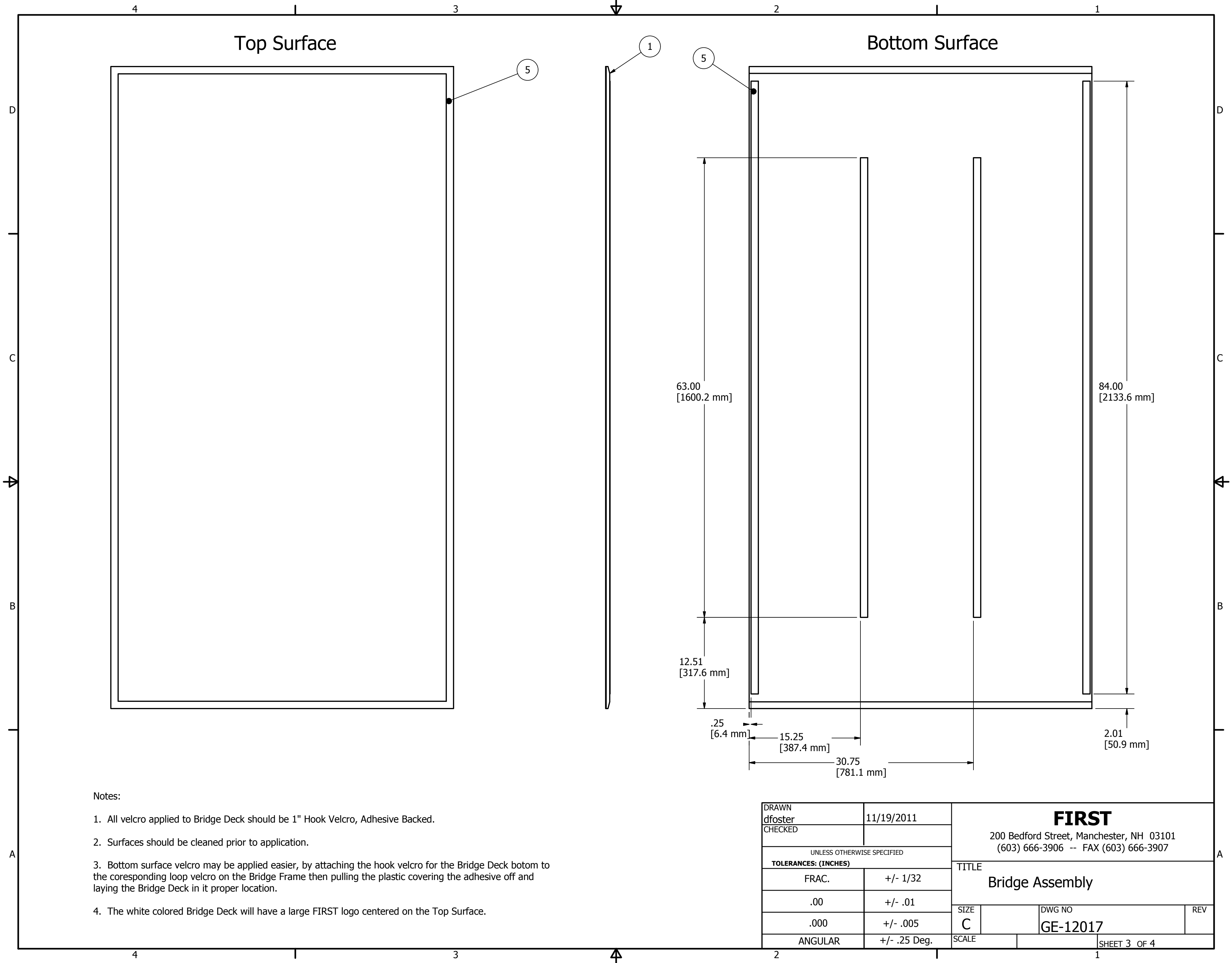
Steel leader cable that is attached to the ramp to be zip tied to bridge at this location. (4 places)

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-12018	Bridge Deck
2	1	GE-12022	Base Assembly, Bridge
3	1	GE-12019	Bridge, Frame
4	1	GE-12095	Bridge Surface
5	1	GE-12017-01	1" Hook Velcro, Adhesive Backed, 47 feet total
6	1	GE-12017-02	1" Loop Velcro, Adhesive Backed, 47 feet total
7	2	HW-00072	Hex head bolt 3/8-16 x 6.5"
8	2	HW-00026	Nut, Nylock 3/8-16 Zinc Plate
9	2	GE-12064	Ball Ramp Assembly

DRAWN dfoster		11/19/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE <div>Bridge Assembly</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32		SIZE C			
.00		+/- .01					
.000		+/- .005		DWG NO GE-12017			
ANGULAR		+/- .25 Deg.		SCALE		REV	
						SHEET 1 OF 4	



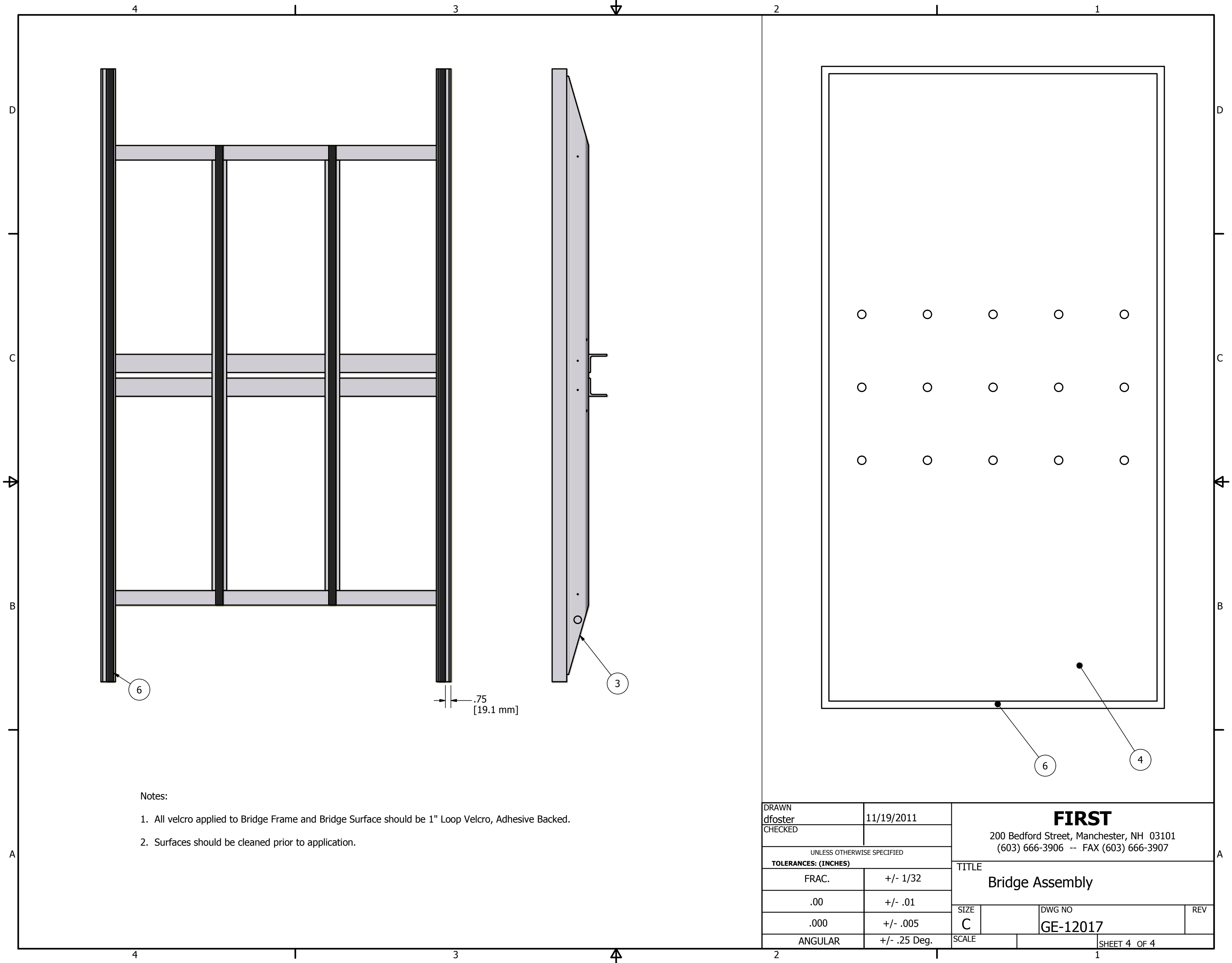
DRAWN dfoster CHECKED	11/19/2011	FIRST 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)		TITLE Bridge Assembly		
FRAC.	+/- 1/32			
.00	+/- .01	SIZE C	DWG NO GE-12017	REV
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SCALE	SHEET 2 OF 4	

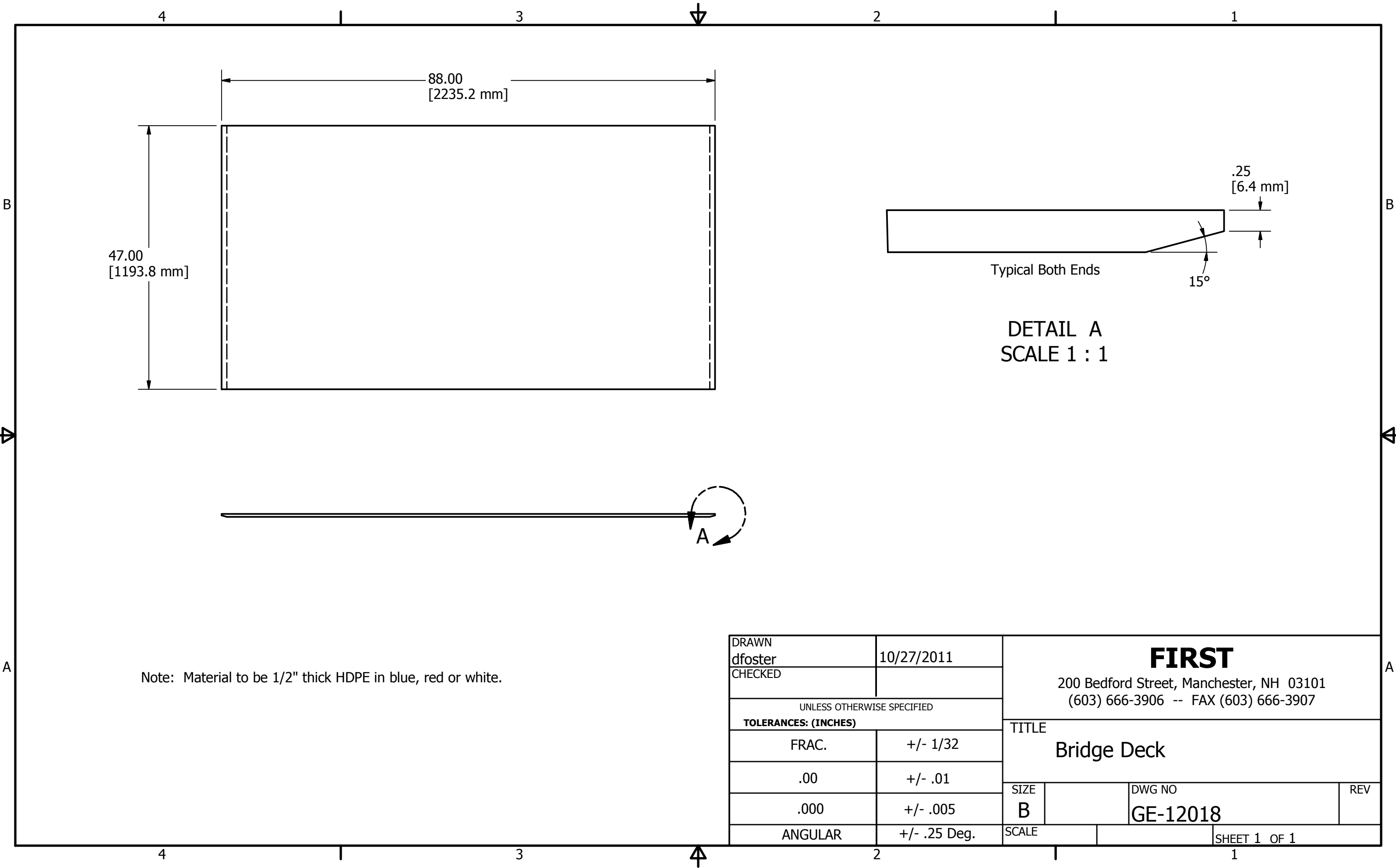


Notes:

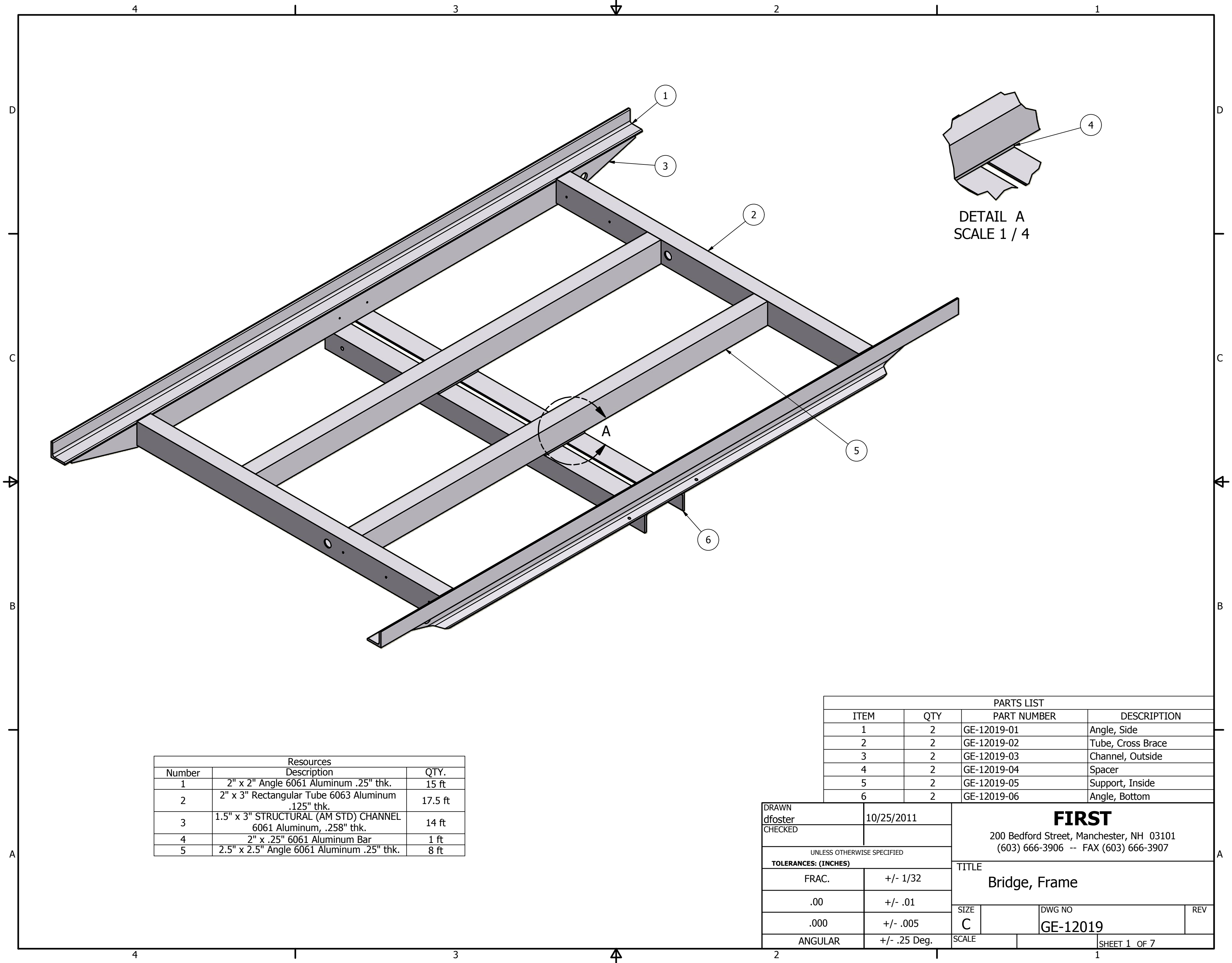
1. All velcro applied to Bridge Deck should be 1" Hook Velcro, Adhesive Backed.
2. Surfaces should be cleaned prior to application.
3. Bottom surface velcro may be applied easier, by attaching the hook velcro for the Bridge Deck botom to the corresponding loop velcro on the Bridge Frame then pulling the plastic covering the adhesive off and laying the Bridge Deck in it proper location.
4. The white colored Bridge Deck will have a large FIRST logo centered on the Top Surface.

DRAWN dfoster		11/19/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101</div> <div>(603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Bridge Assembly</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-12017	
				SCALE		SHEET 3 OF 4	





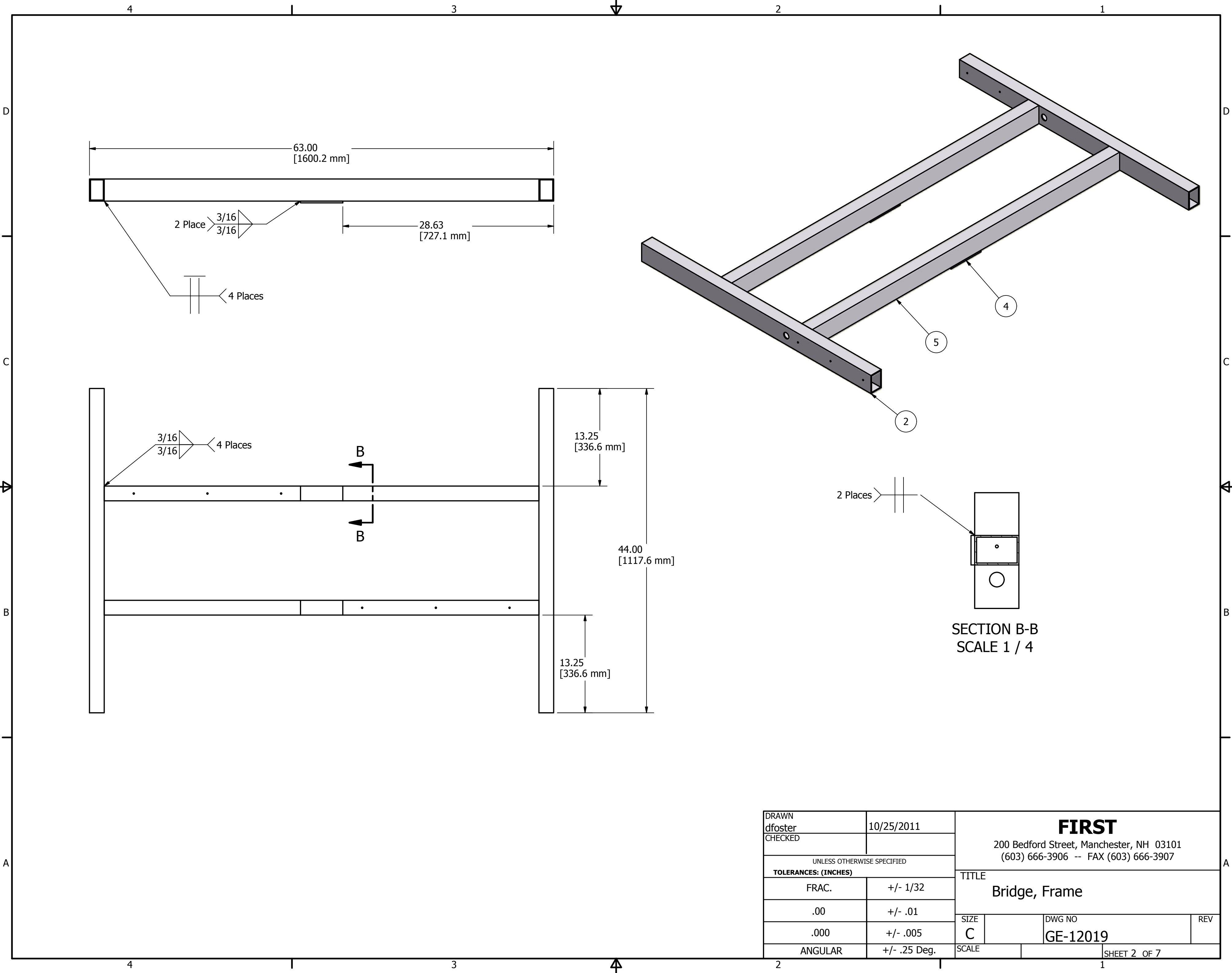
Note: Material to be 1/2" thick HDPE in blue, red or white.



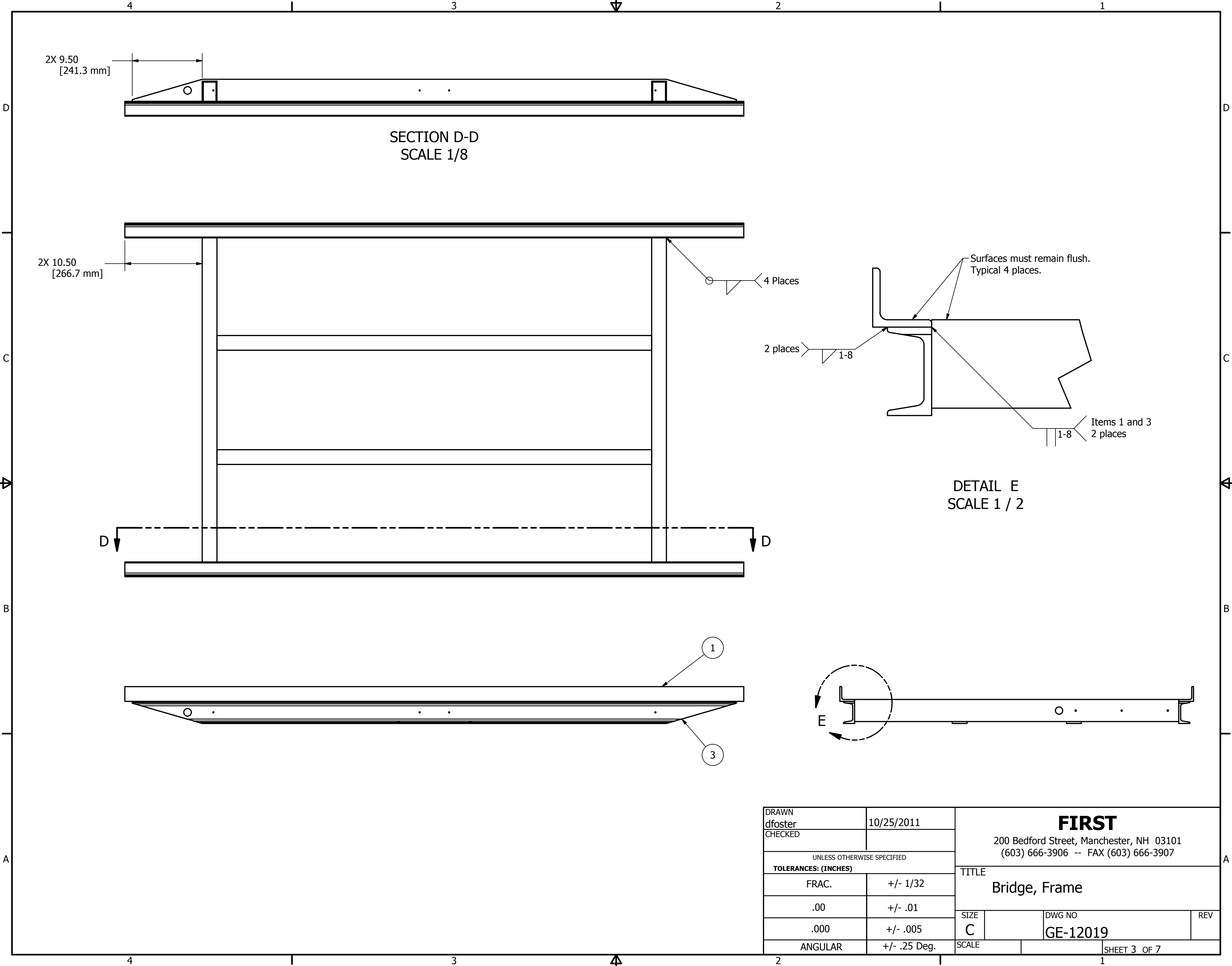
Resources		
Number	Description	QTY.
1	2" x 2" Angle 6061 Aluminum .25" thk.	15 ft
2	2" x 3" Rectangular Tube 6063 Aluminum .125" thk.	17.5 ft
3	1.5" x 3" STRUCTURAL (AM STD) CHANNEL 6061 Aluminum, .258" thk.	14 ft
4	2" x .25" 6061 Aluminum Bar	1 ft
5	2.5" x 2.5" Angle 6061 Aluminum .25" thk.	8 ft

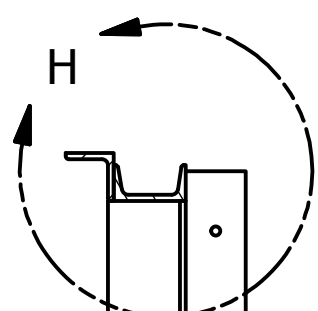
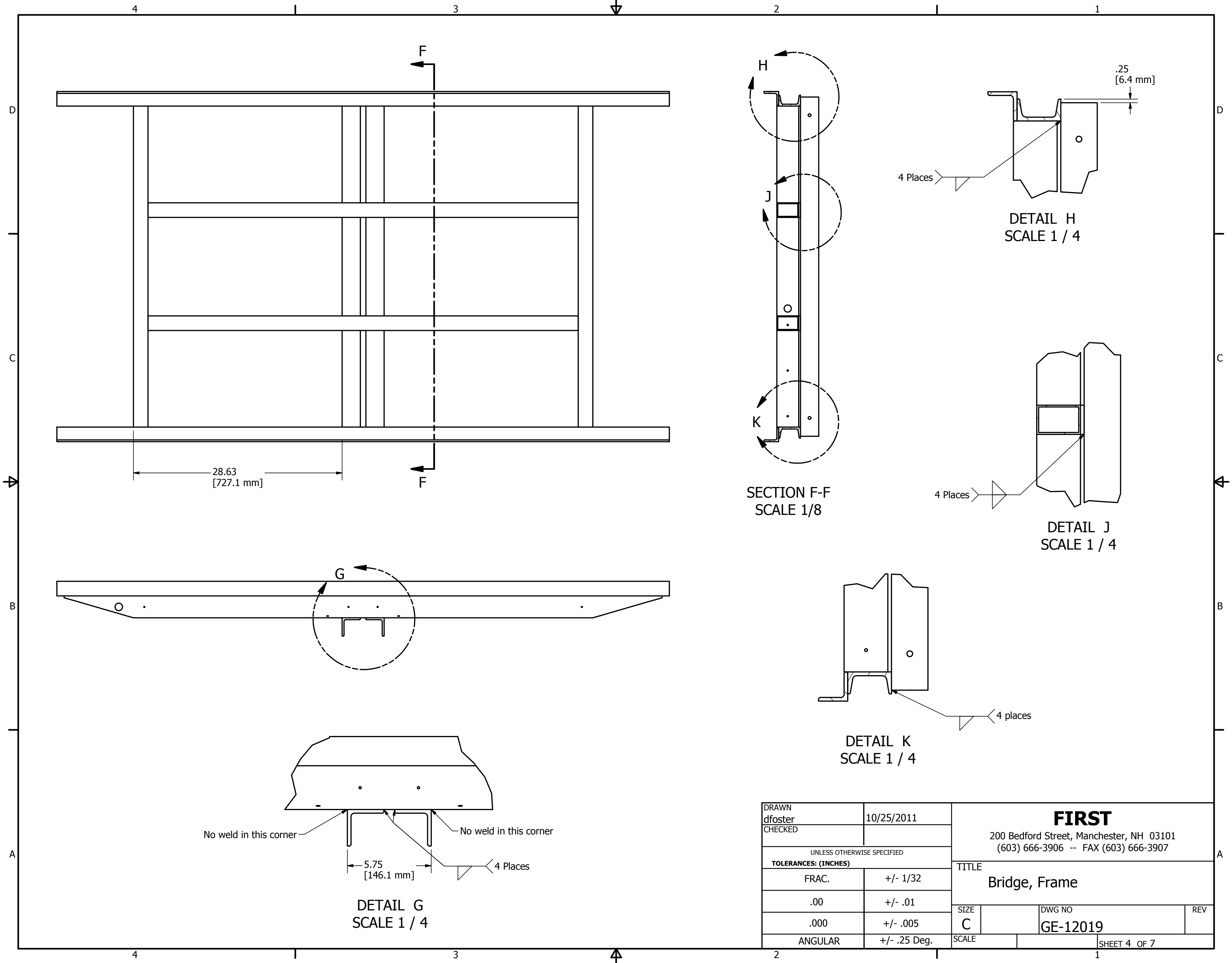
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	GE-12019-01	Angle, Side
2	2	GE-12019-02	Tube, Cross Brace
3	2	GE-12019-03	Channel, Outside
4	2	GE-12019-04	Spacer
5	2	GE-12019-05	Support, Inside
6	2	GE-12019-06	Angle, Bottom

DRAWN dfoster		10/25/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101</div> <div>(603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Bridge, Frame</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-12019	
				SCALE			SHEET 1 OF 7

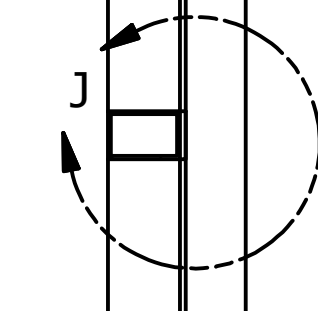


DRAWN dfoster CHECKED	10/25/2011	FIRST 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)		TITLE Bridge, Frame		
FRAC.	+/- 1/32			
.00	+/- .01	SIZE C	DWG NO GE-12019	REV
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SCALE	SHEET 2 OF 7	

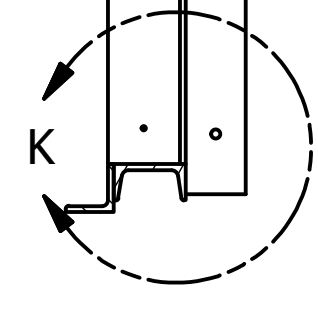




DETAIL H
SCALE 1 / 4



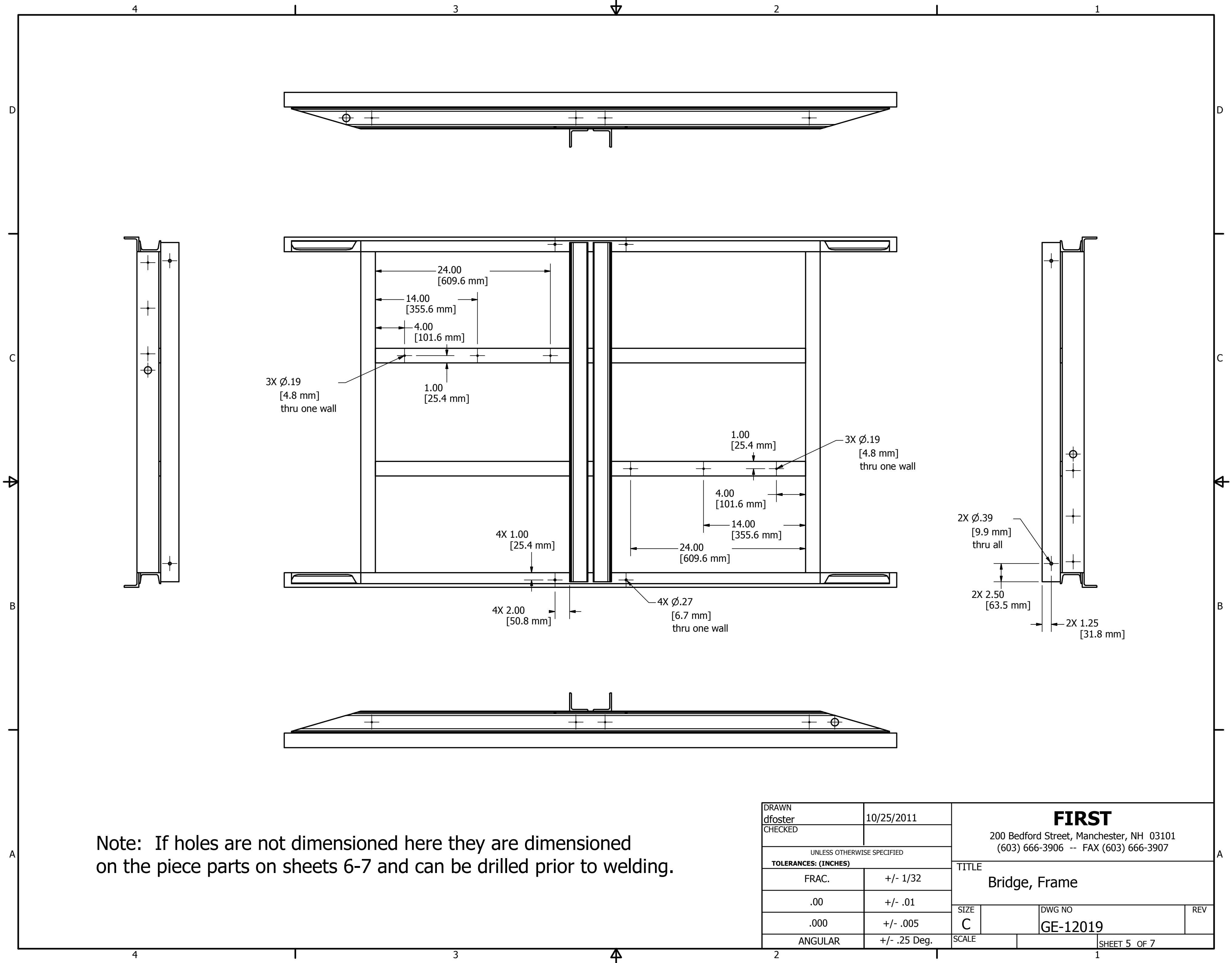
DETAIL J
SCALE 1 / 4

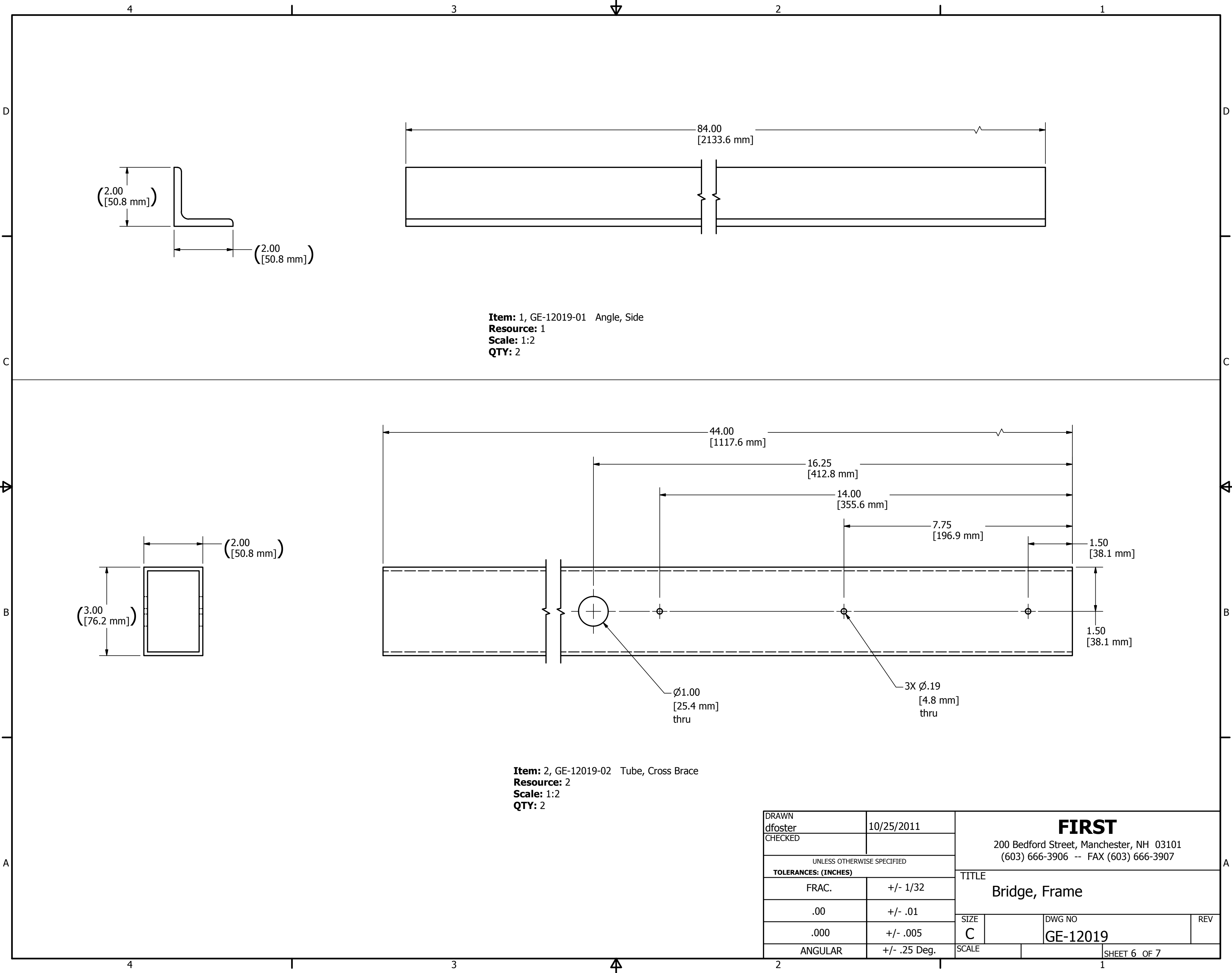


DETAIL K
SCALE 1 / 4

SECTION F-F
SCALE 1/8

DRAWN dfoster		10/25/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>				A				
CHECKED												
UNLESS OTHERWISE SPECIFIED				TITLE Bridge, Frame								
TOLERANCES: (INCHES)												
FRAC.		+/- 1/32		SIZE C					DWG NO GE-12019		REV	
.00		+/- .01										
.000		+/- .005										
ANGULAR		+/- .25 Deg.		SCALE					SHEET 4 OF 7			
2				1								

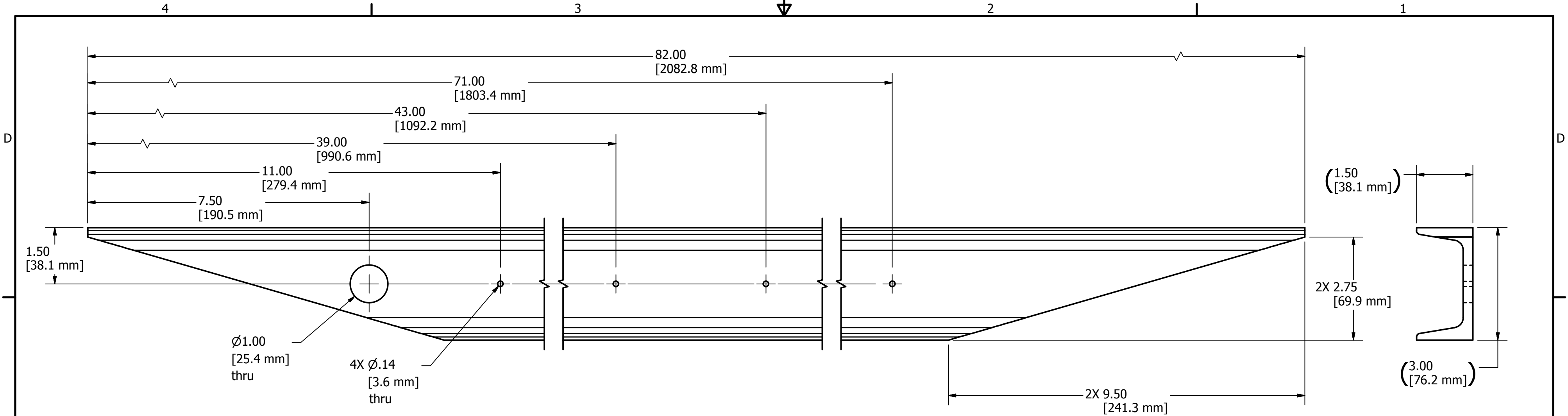




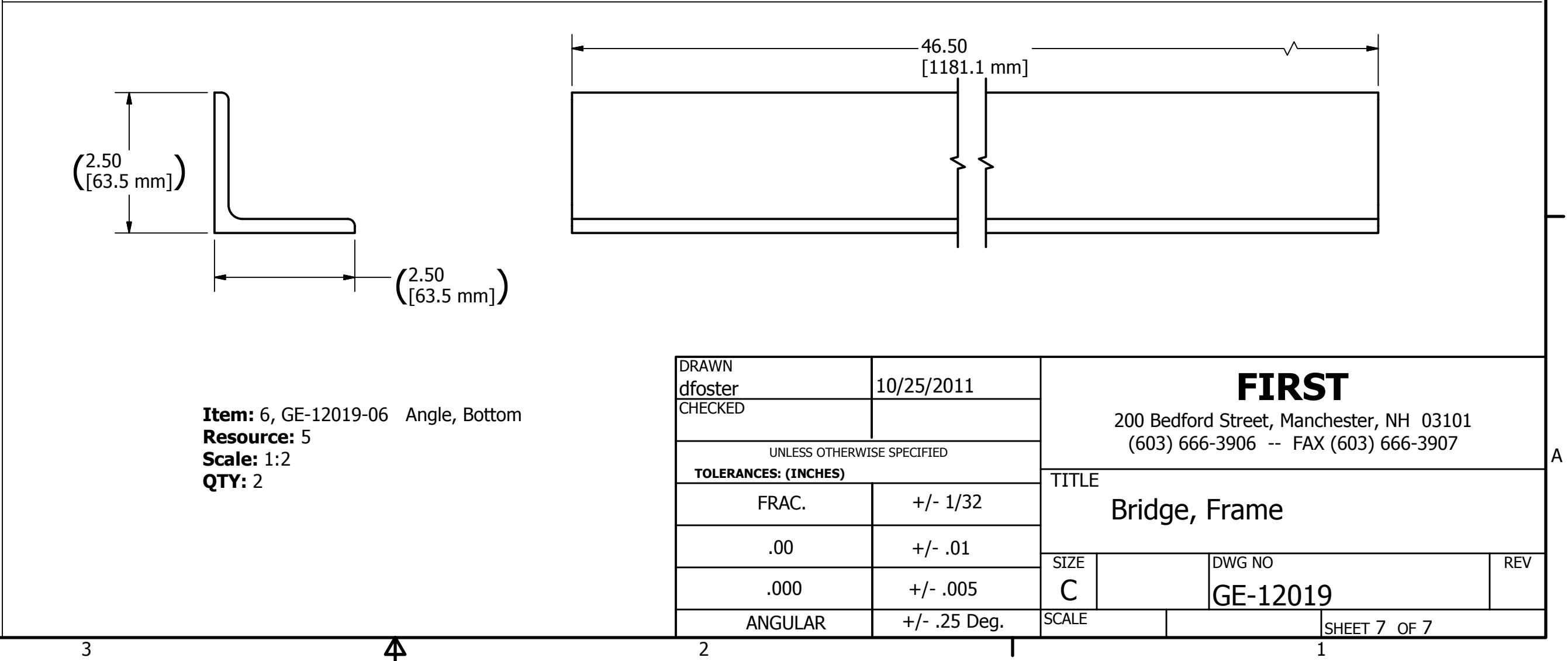
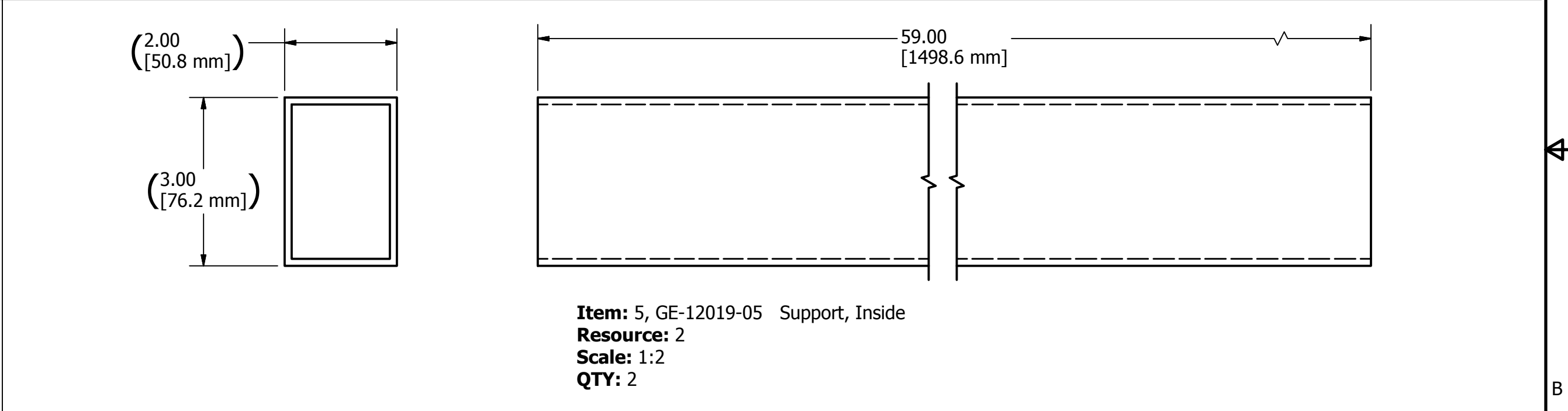
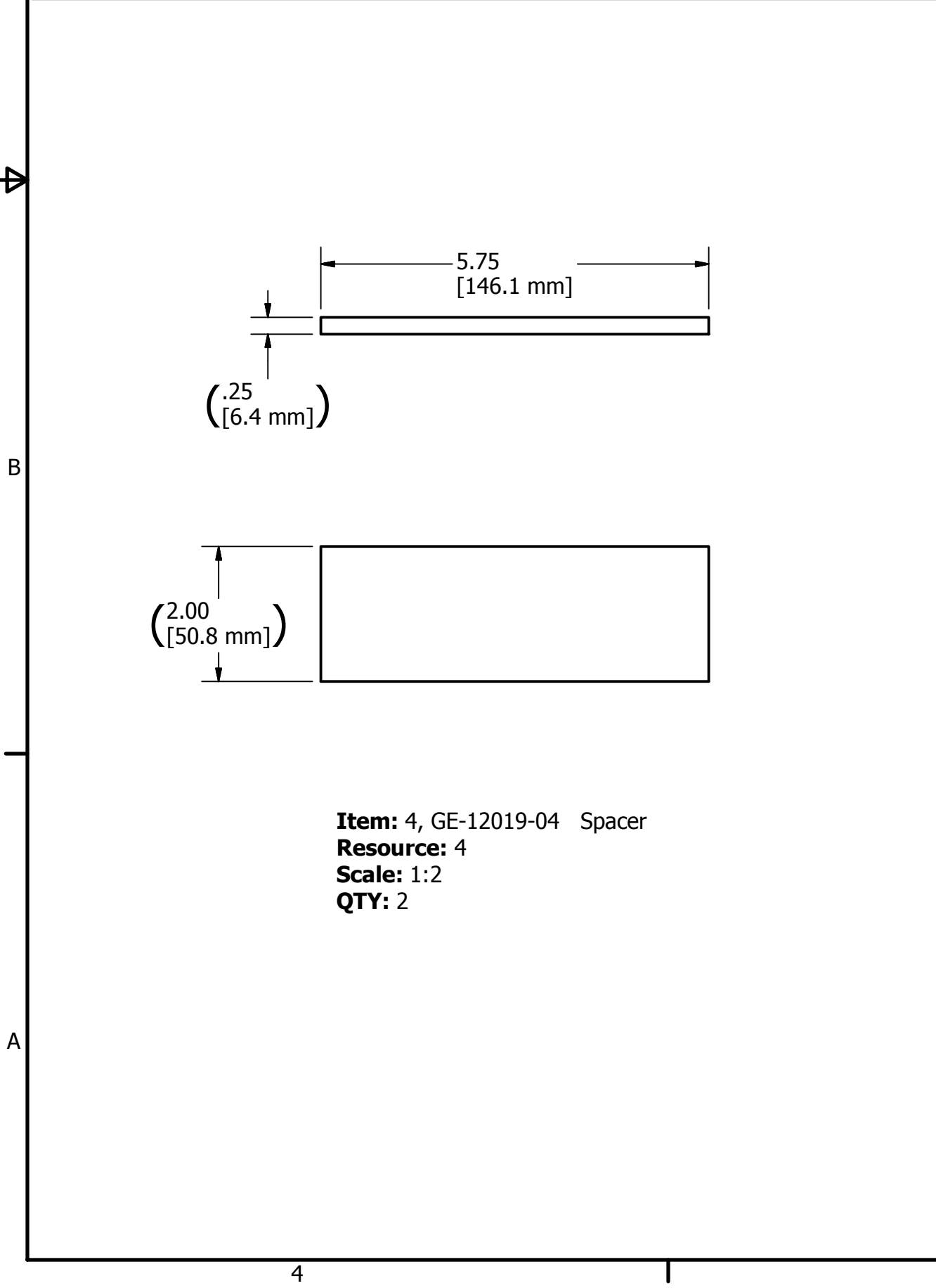
Item: 1, GE-12019-01 Angle, Side
Resource: 1
Scale: 1:2
QTY: 2

Item: 2, GE-12019-02 Tube, Cross Brace
Resource: 2
Scale: 1:2
QTY: 2

DRAWN dfoster		10/25/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101</div> <div>(603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Bridge, Frame</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-12019	
				SCALE		SHEET 6 OF 7	

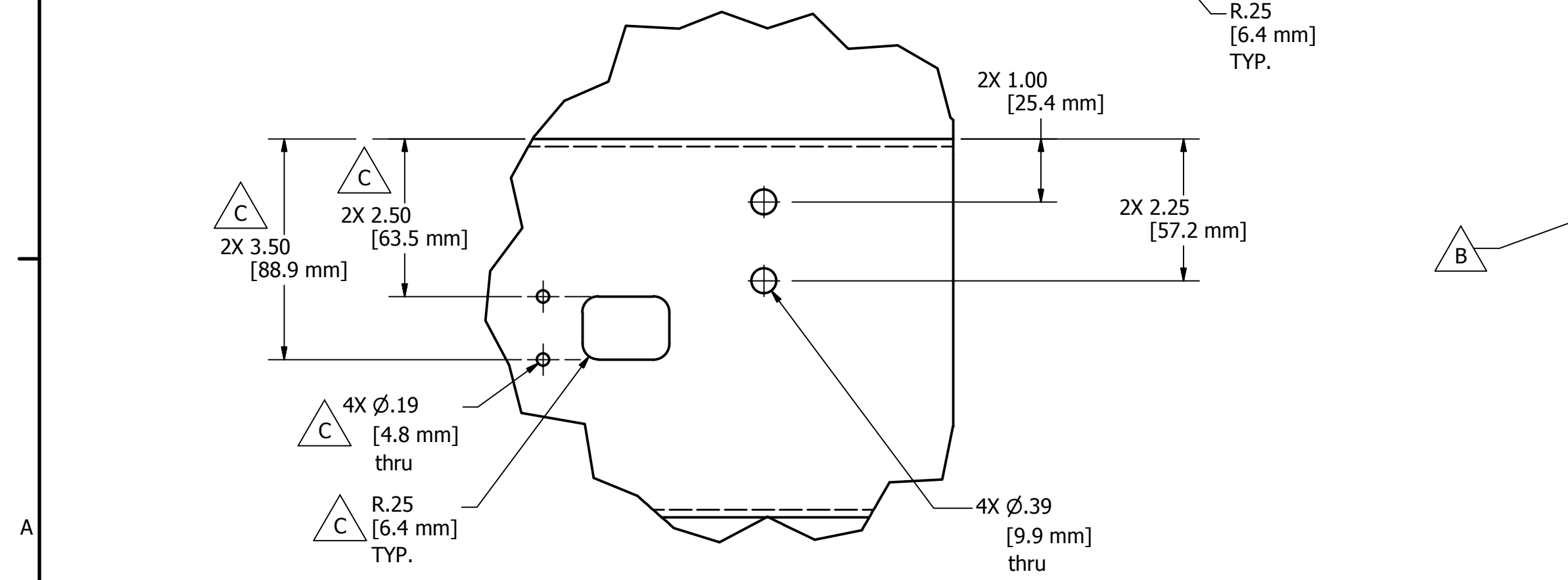
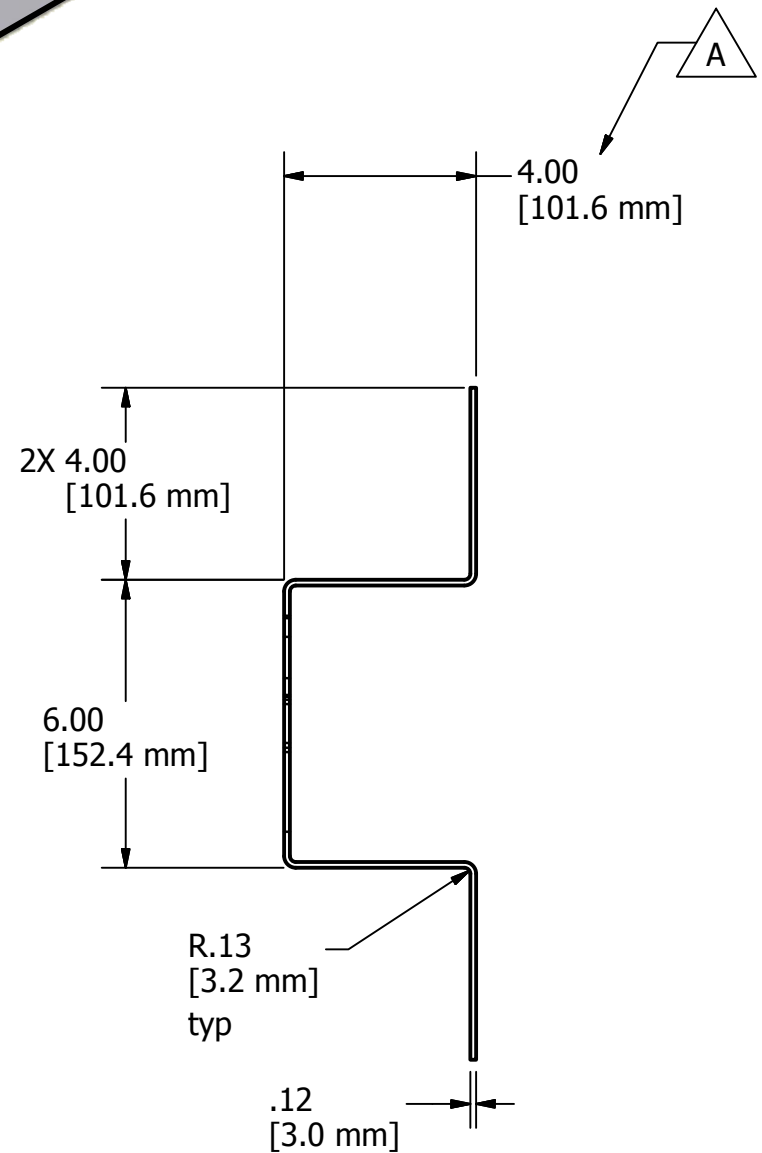
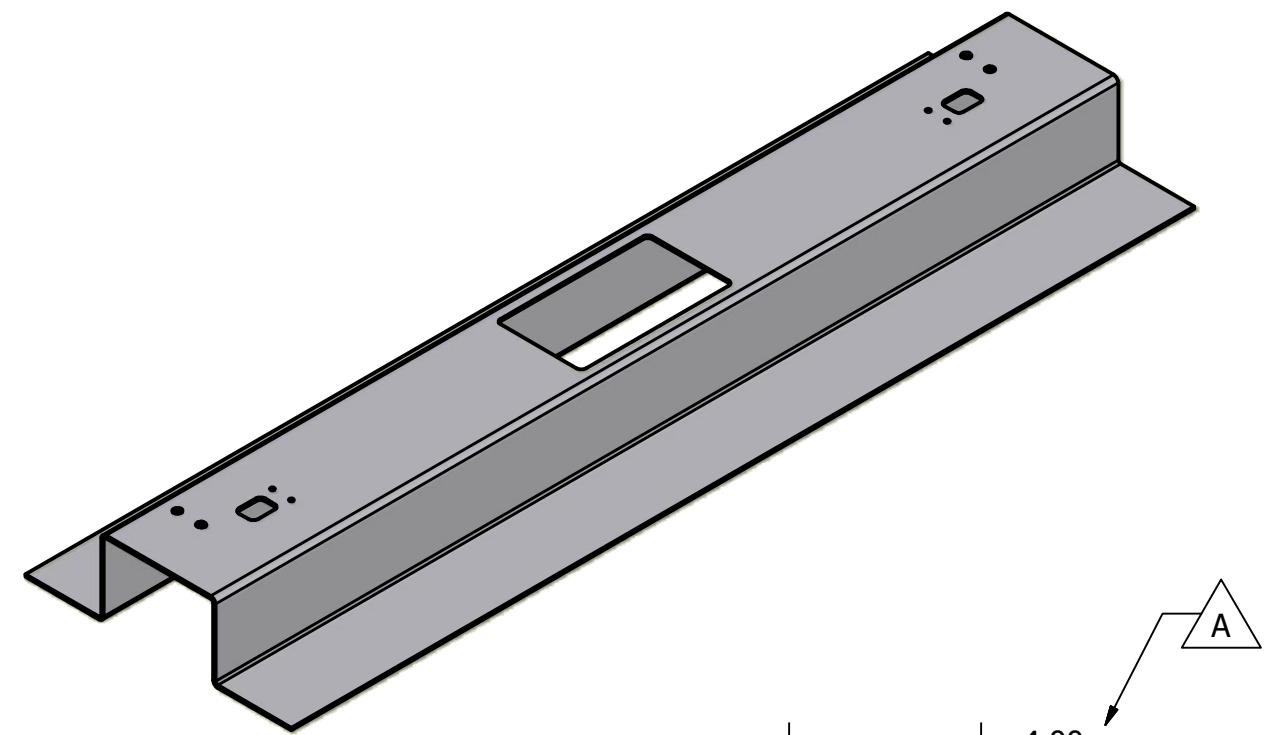
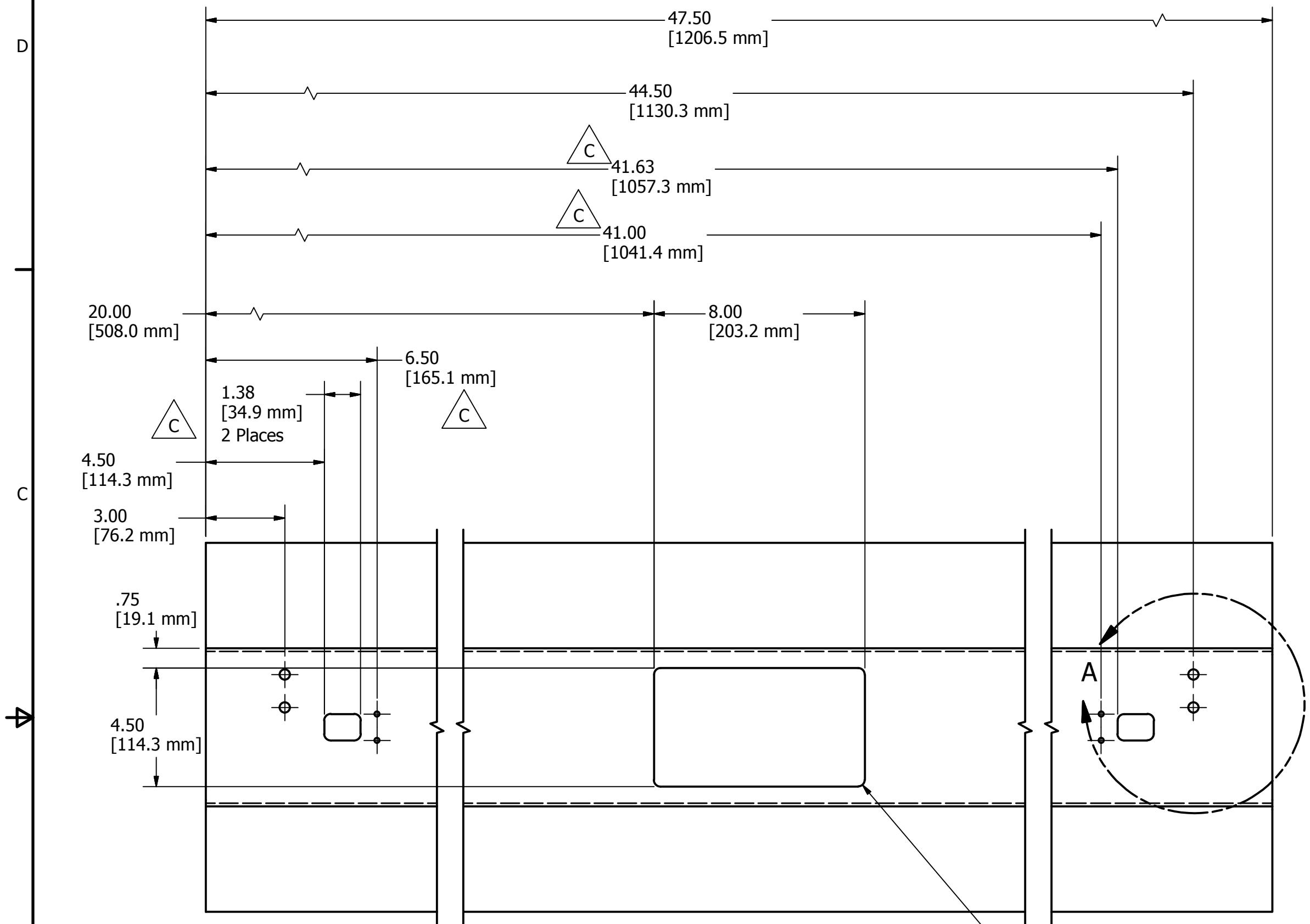


Item: 3, GE-12019-03 Channel, Outside
Resource: 3
Scale: 1:2
QTY: 2



DRAWN dfoster		10/25/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Bridge, Frame</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-12019	
				SCALE		SHEET 7 OF 7	

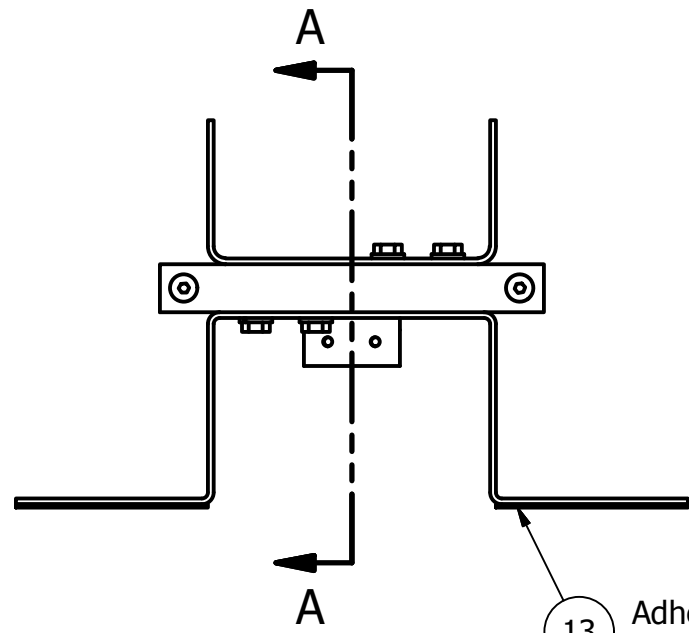
REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
C1	A	Added the overall height dimension	10/27/2011	MLC
B2	B	Changed plating to Zinc with clear Chromate	11/1/2011	MLC
C3, C4 & B4	C	Added 1"x2" pockets and .19 dia holes	11/8/2011	DAF



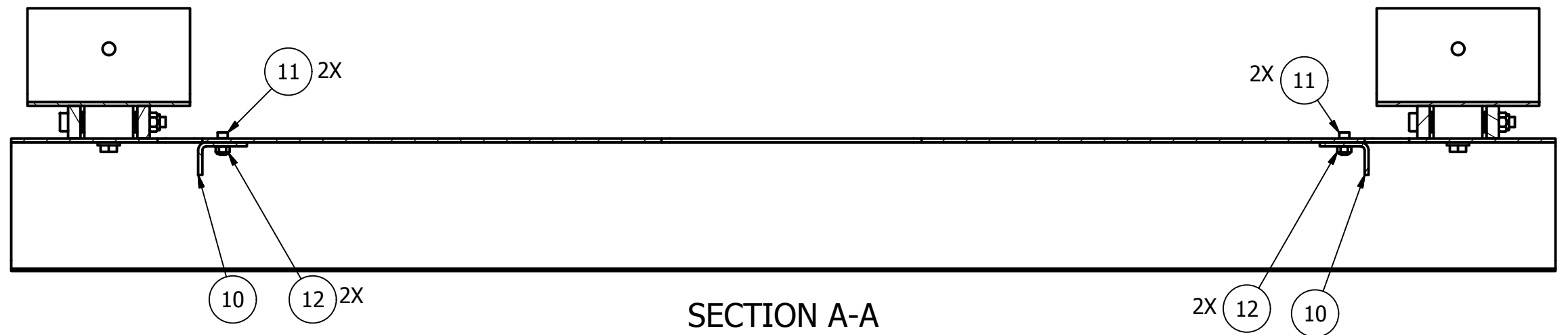
- NOTE:
- 1.) Material: Cold Rolled, Sheet Steel
 - 2.) Remove all burrs and sharp edges
 - 3.) Plating Spec: Zinc with Clear Chromate

DRAWN dfoster		10/25/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)				<div>TITLE</div> <div>Bridge Base</div>			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-12021	C
				SCALE		SHEET 1 OF 1	

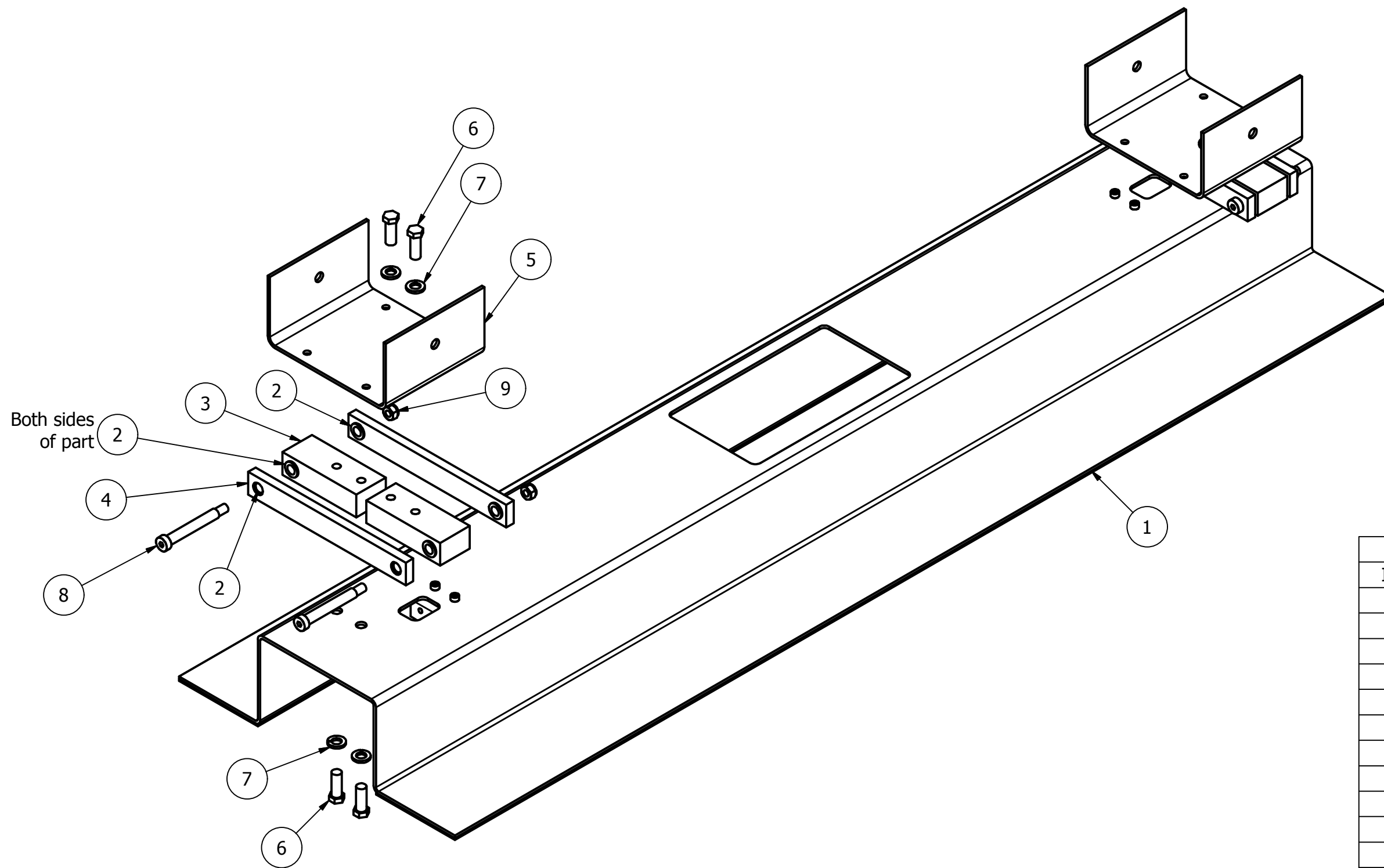
DETAIL A
SCALE 1/2



Adhere 4" velcro the entire length of channel. Both flanges of channel.



SECTION A-A
SCALE 1 / 4

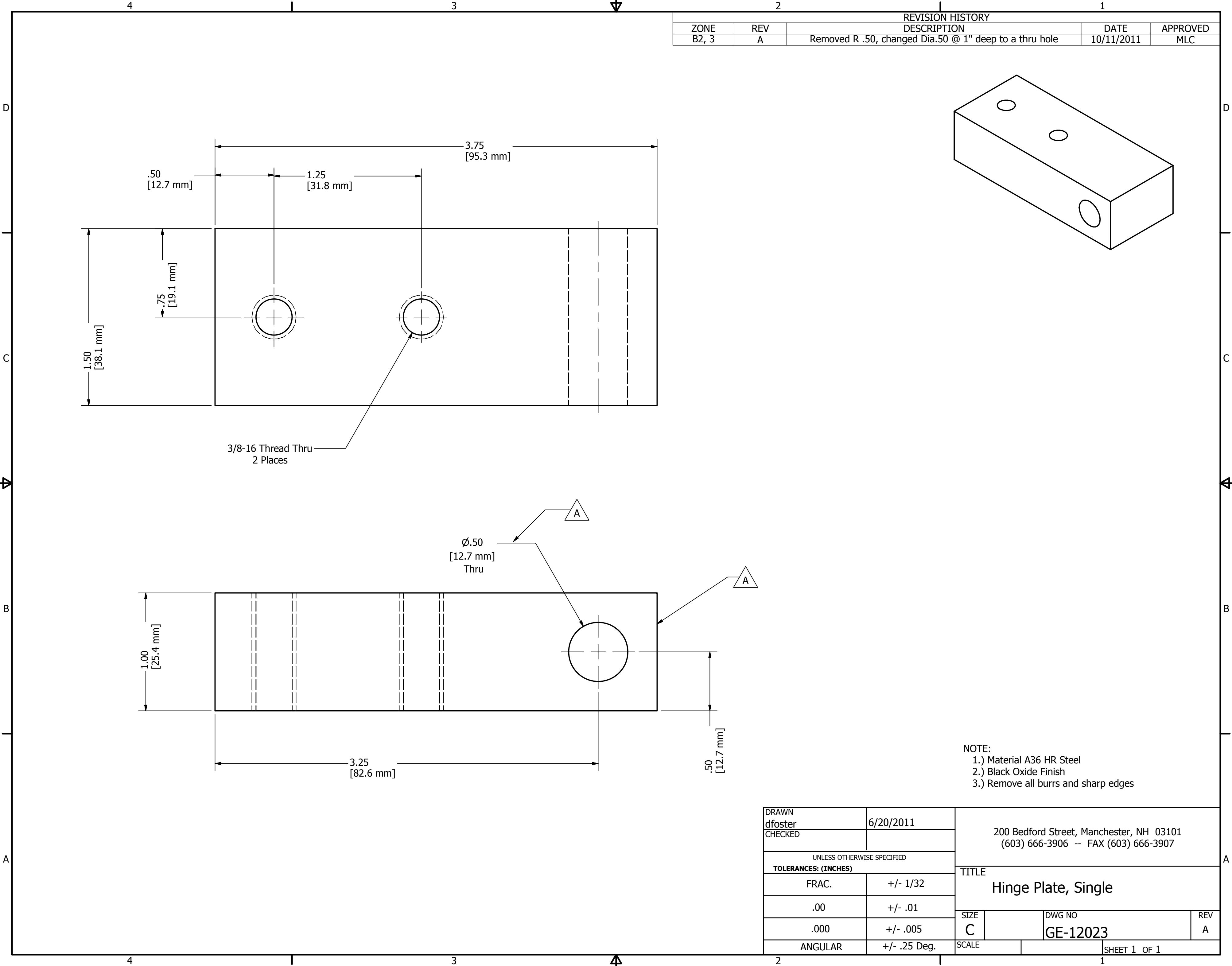


Notes:

- Items 10, 11 and 12 are used for scoring systems sensors, and are not required for normal non-competition bridge operation.

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-12021	Bridge Base
2	16	PP-00065	Bushing, Flanged
3	4	GE-12023	Hinge Plate, Single
4	4	GE-12024	Hinge Plate, Double
5	2	GE-12025	Bridge Holder
6	8	HW-00043	Hex head bolt 3/8-16 x 1.250"
7	8	HW-00064	Washer, Lock 3/8"
8	4	HW-00065	Shoulder Screw, .375 x 2.5" L, Alloy Steel
9	4	HW-00033	Nut, Nylock 5/16-18 Zinc Plate
10	2	GE-12061	Bridge Sensor Bracket
11	4	HW-00070	Hex SHCS, 10-24 x .5"
12	4	HW-00071	Nut, Lock 10-24
13	2	GE-12022-01	4" Hook Velcro, Adhesive Backed, 96" total

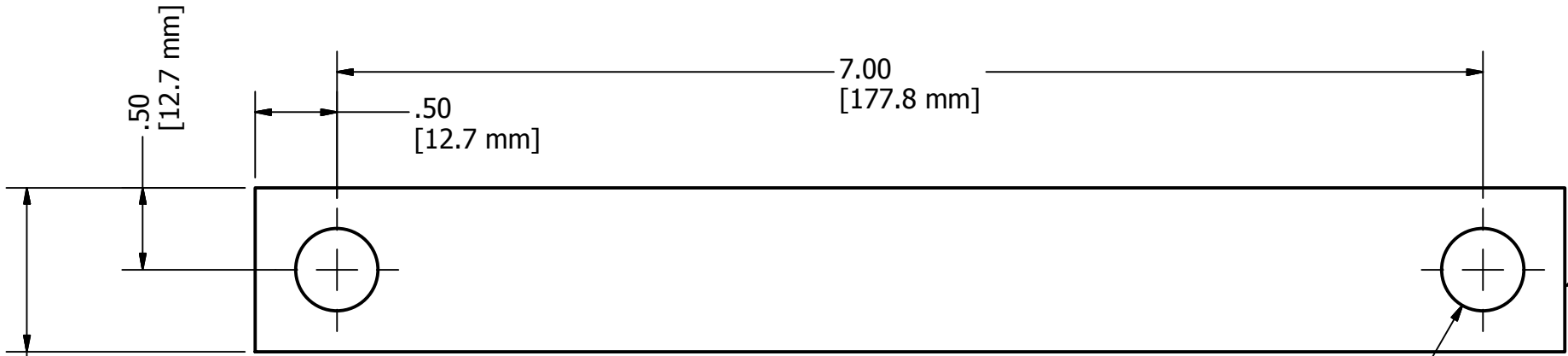
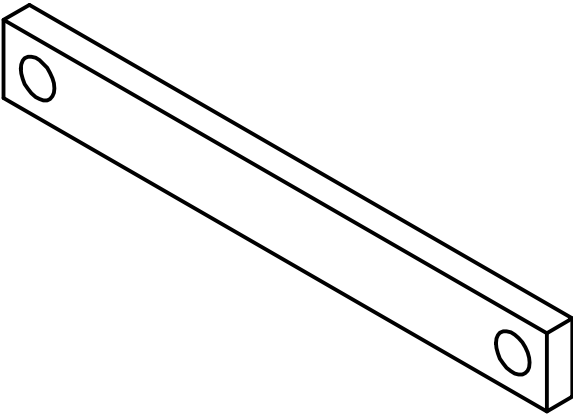
DRAWN	15	2	GE 12022 01	1	HOOR VELD, / Adhesive Backed, 30" total
dfoster			11/18/2011	<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101</div> <div>(603) 666-3906 -- FAX (603) 666-3907</div>	
CHECKED					
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Bridge Base Assembly</div>	
TOLERANCES: (INCHES)					
FRAC.	+/- 1/32				
.00	+/- .01				
.000	+/- .005			SIZE	DWG NO
				C	GE-12022
ANGULAR	+/- .25 Deg.			SCALE	REV
				SHEET 1 OF 1	



REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
B4, C3	A	Removed R.50 on both ends, Changed 1.5" width to .375"	10/11/2011	MLC



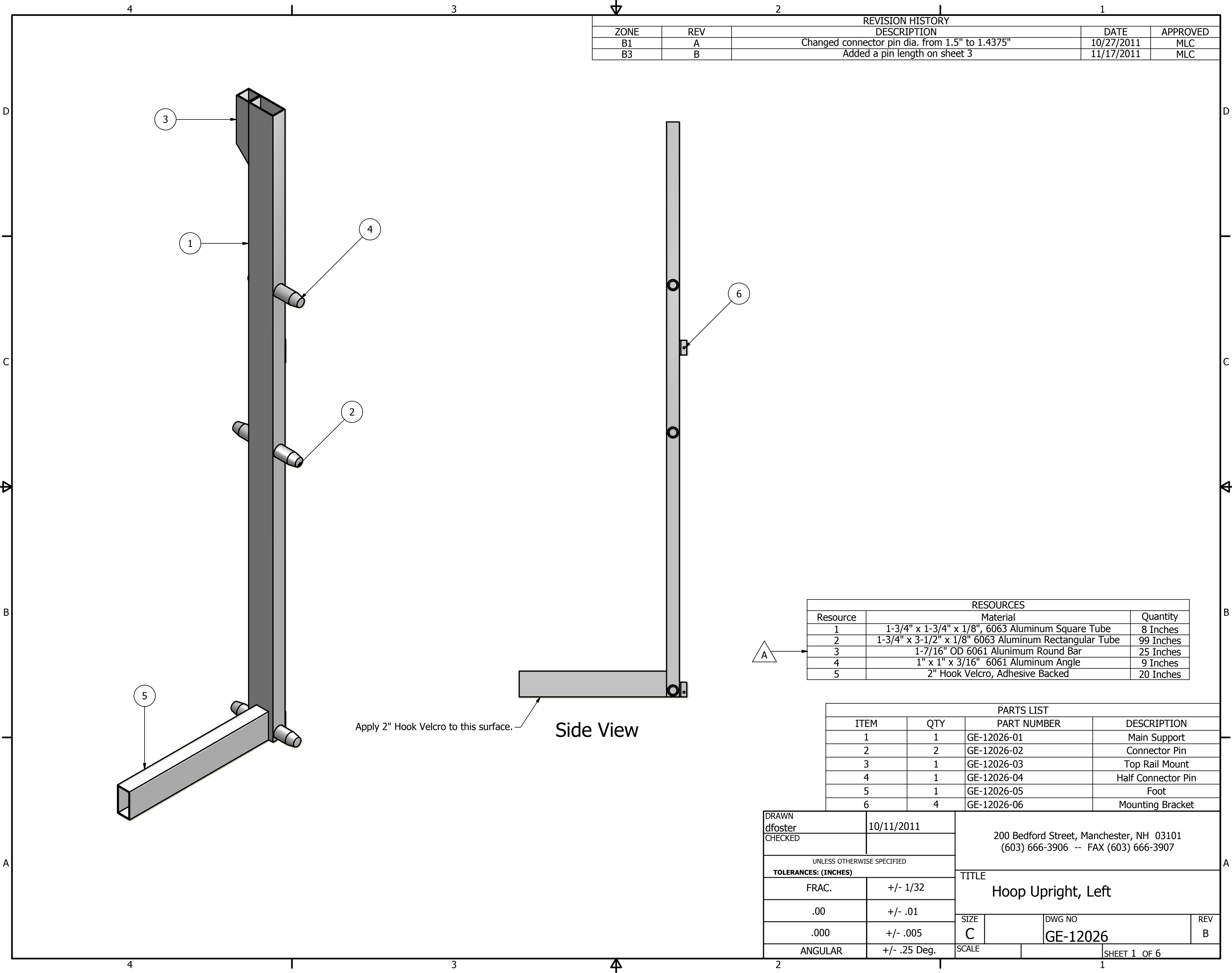
.38
[9.7 mm]



Ø.50
[12.7 mm]
Thru 2 Places

NOTE:
1.) Material A36 HR Steel
2.) Black Oxidized
3.) Remove all burrs and sharp edges

DRAWN dfoster	6/21/2011	200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED					
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)		TITLE Hinge Plate, Double			
FRAC.	+/- 1/32				
.00	+/- .01	SIZE B			
.000	+/- .005				
ANGULAR		SCALE		DWG NO GE-12024	REV A
				SHEET 1 OF 1	

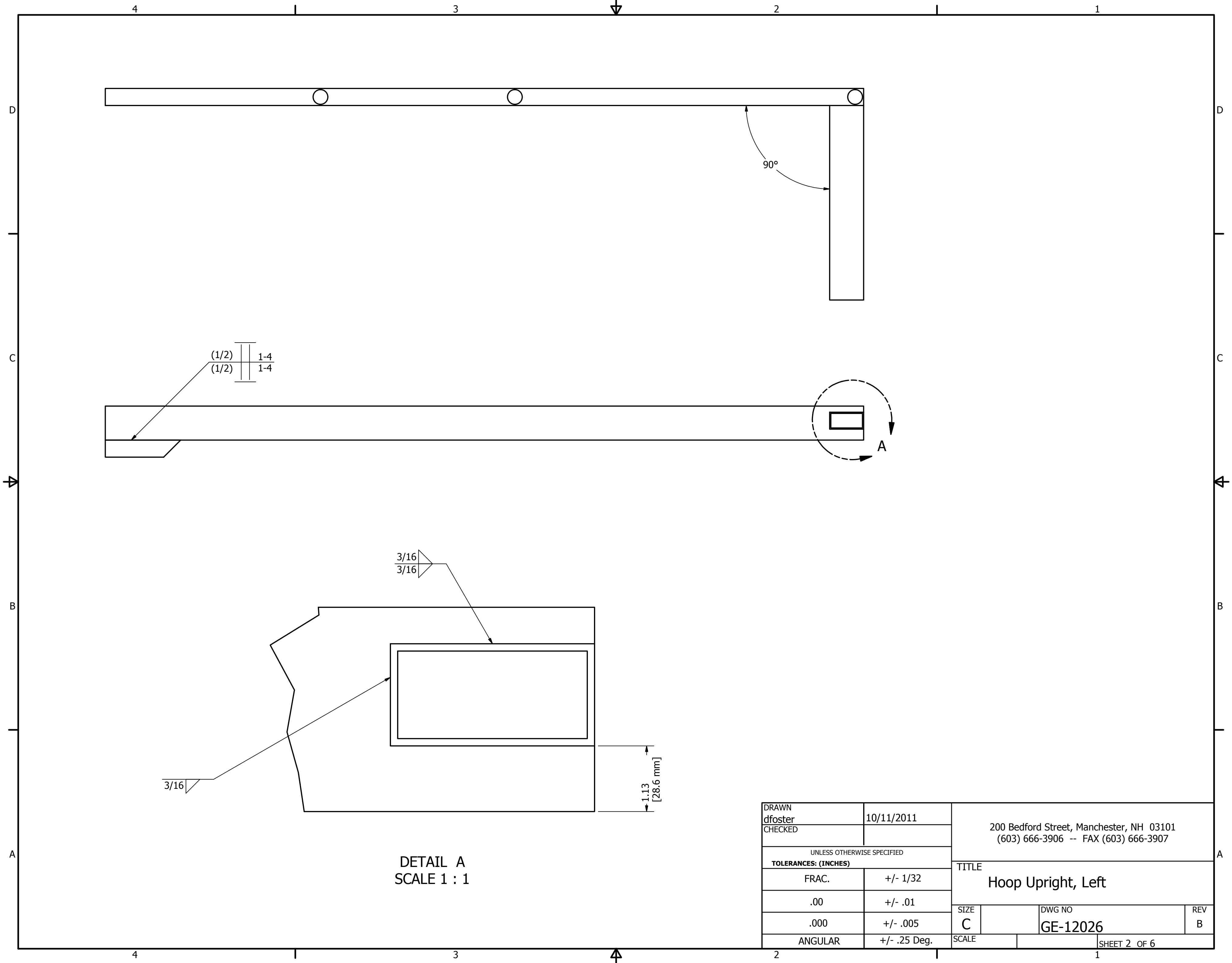


REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
B1	A	Changed connector pin dia. from 1.5" to 1.4375"	10/27/2011	MLC
B3	B	Added a pin length on sheet 3	11/17/2011	MLC

RESOURCES		
Resource	Material	Quantity
1	1-3/4" x 1-3/4" x 1/8", 6063 Aluminum Square Tube	8 Inches
2	1-3/4" x 3-1/2" x 1/8" 6063 Aluminum Rectangular Tube	99 Inches
3	1-7/16" OD 6061 Aluminum Round Bar	25 Inches
4	1" x 1" x 3/16" 6061 Aluminum Angle	9 Inches
5	2" Hook Velcro, Adhesive Backed	20 Inches

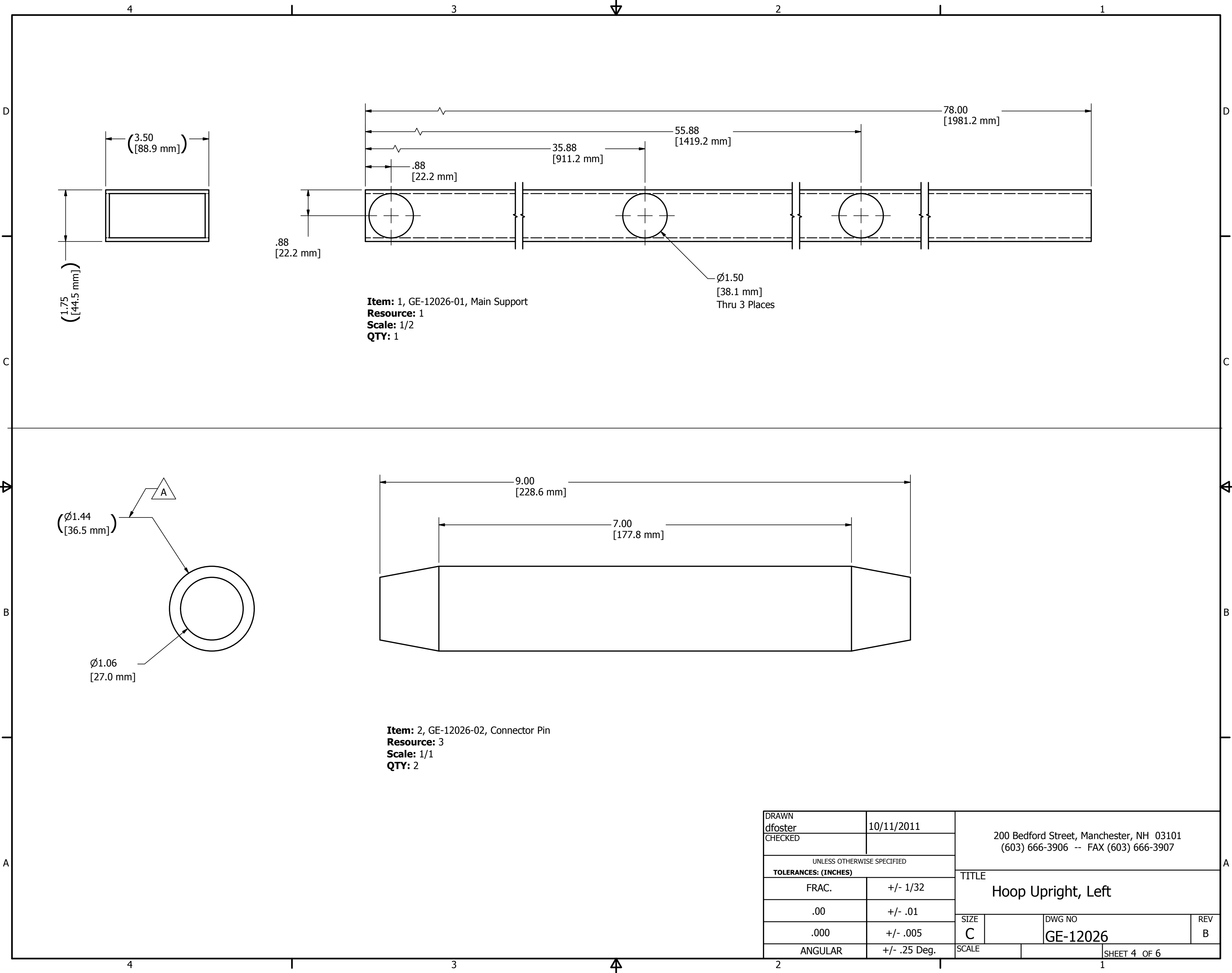
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-12026-01	Main Support
2	2	GE-12026-02	Connector Pin
3	1	GE-12026-03	Top Rail Mount
4	1	GE-12026-04	Half Connector Pin
5	1	GE-12026-05	Foot
6	4	GE-12026-06	Mounting Bracket

DRAWN dfoster		10/11/2011		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE Hoop Upright, Left			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE C	DWG NO GE-12026		REV B
				SCALE		SHEET 1 OF 6	



DETAIL A
SCALE 1 : 1

DRAWN dfoster		10/11/2011		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED							
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)				TITLE Hoop Upright, Left			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE C		DWG NO GE-12026	REV B
				SCALE		SHEET 2 OF 6	

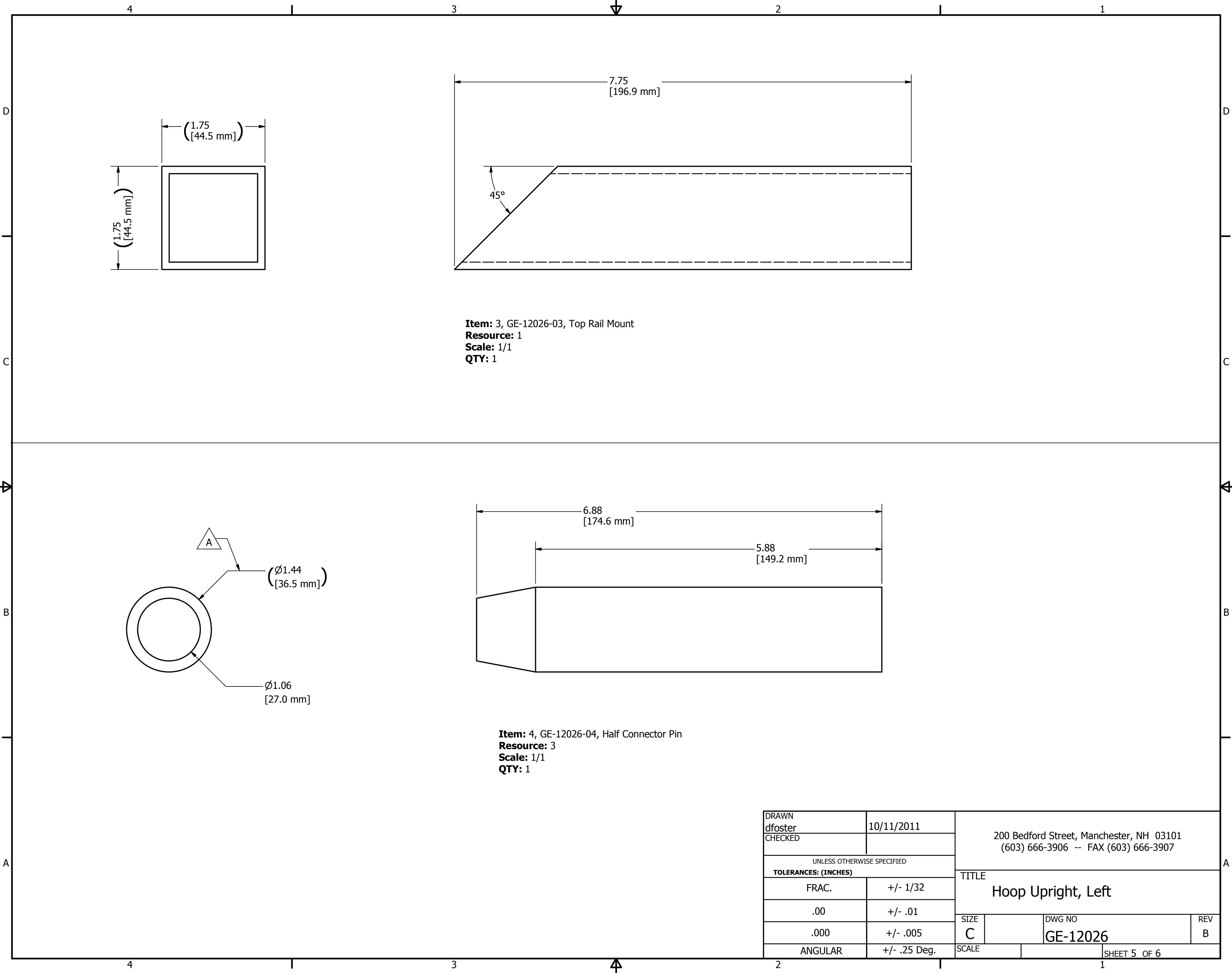


Item: 1, GE-12026-01, Main Support
Resource: 1
Scale: 1/2
QTY: 1

Ø1.50
[38.1 mm]
Thru 3 Places

Item: 2, GE-12026-02, Connector Pin
Resource: 3
Scale: 1/1
QTY: 2

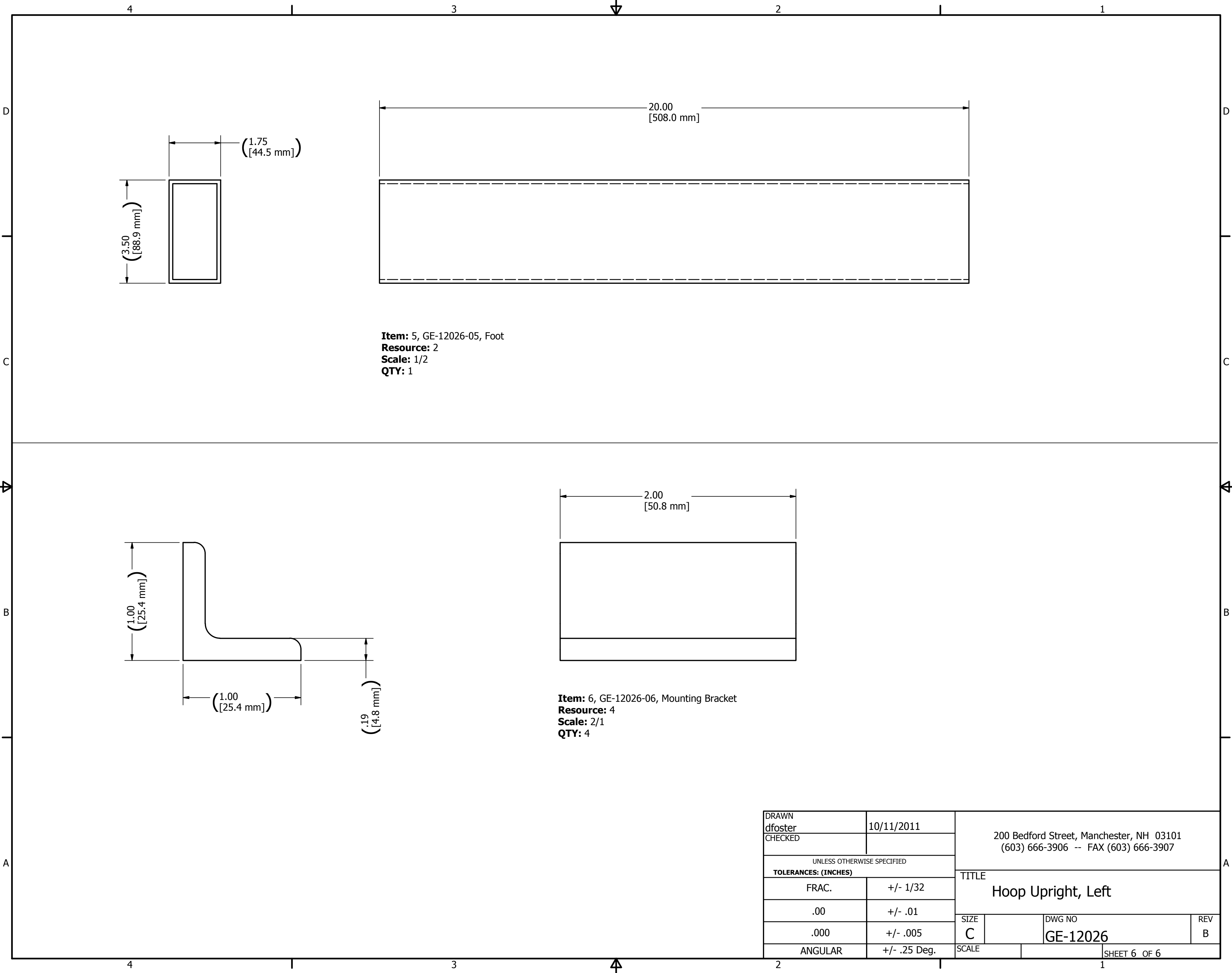
DRAWN dfoster		10/11/2011		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED							
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)				TITLE Hoop Upright, Left			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE C		DWG NO GE-12026	REV B
				SCALE		SHEET 4 OF 6	

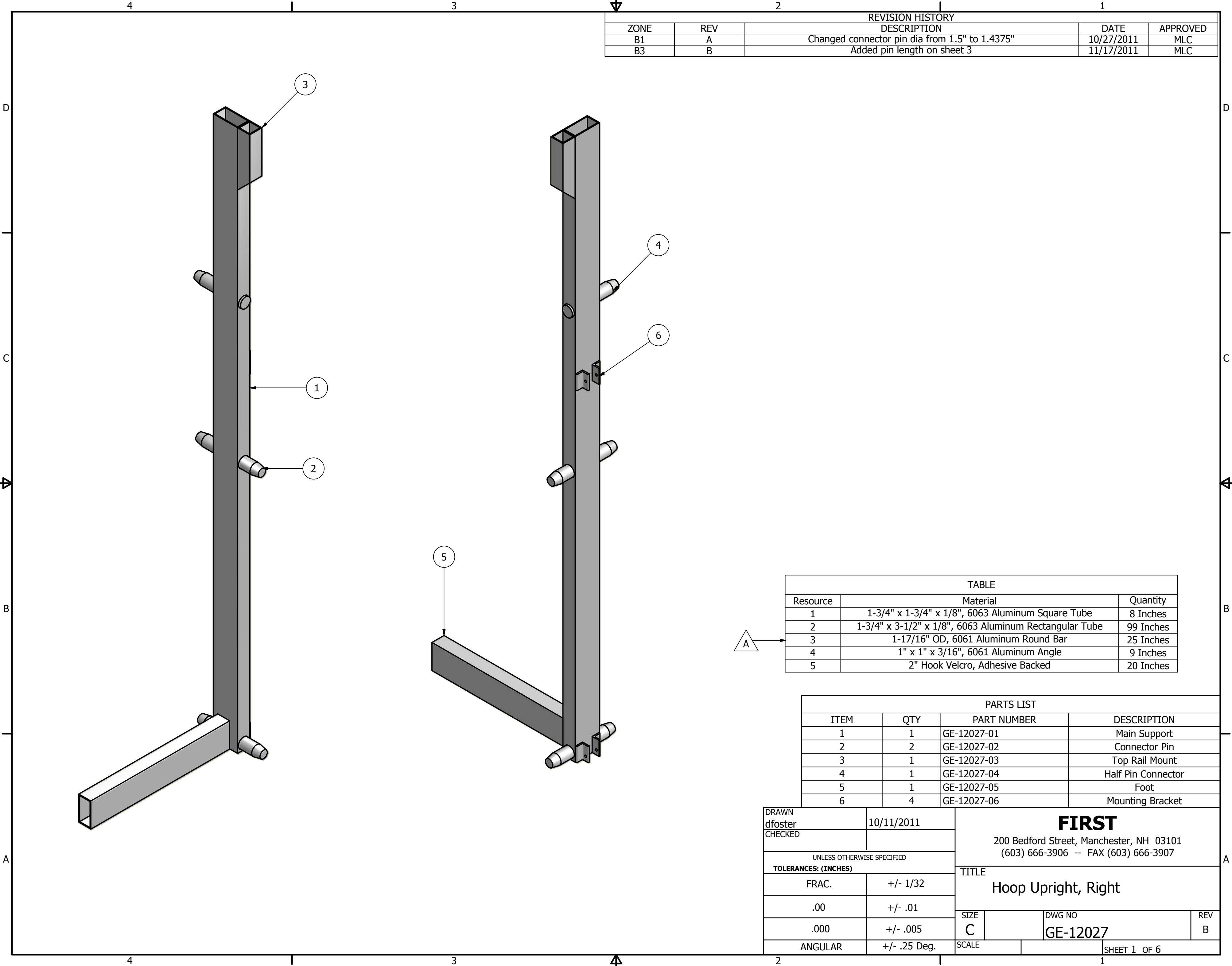


Item: 3, GE-12026-03, Top Rail Mount
Resource: 1
Scale: 1/1
QTY: 1

Item: 4, GE-12026-04, Half Connector Pin
Resource: 3
Scale: 1/1
QTY: 1

DRAWN dfoster		10/11/2011		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED							
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)				TITLE Hoop Upright, Left			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE C		DWG NO GE-12026	REV B
				SCALE		SHEET 5 OF 6	



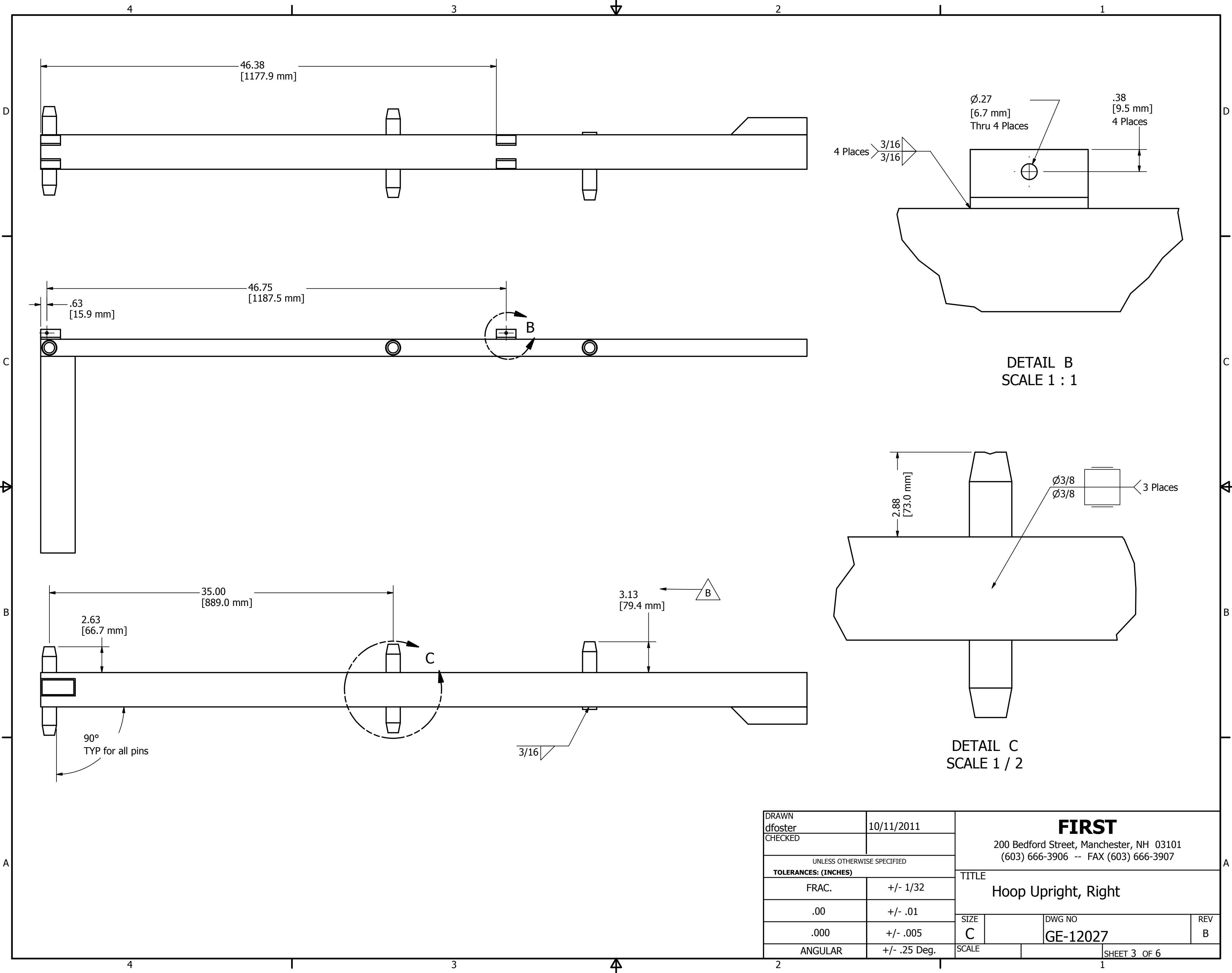


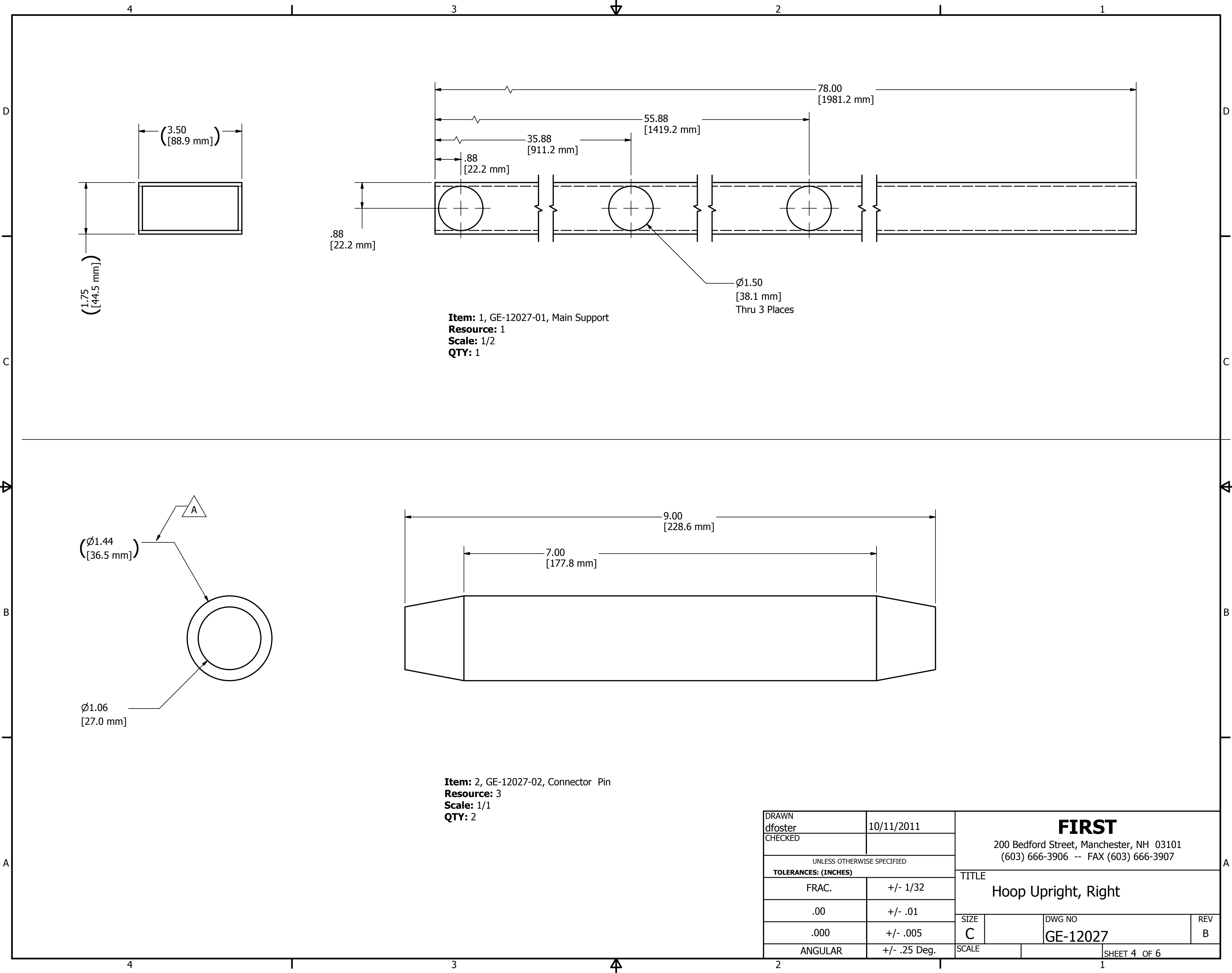
REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
B1	A	Changed connector pin dia from 1.5" to 1.4375"	10/27/2011	MLC
B3	B	Added pin length on sheet 3	11/17/2011	MLC

TABLE		
Resource	Material	Quantity
1	1-3/4" x 1-3/4" x 1/8", 6063 Aluminum Square Tube	8 Inches
2	1-3/4" x 3-1/2" x 1/8", 6063 Aluminum Rectangular Tube	99 Inches
3	1-17/16" OD, 6061 Aluminum Round Bar	25 Inches
4	1" x 1" x 3/16", 6061 Aluminum Angle	9 Inches
5	2" Hook Velcro, Adhesive Backed	20 Inches

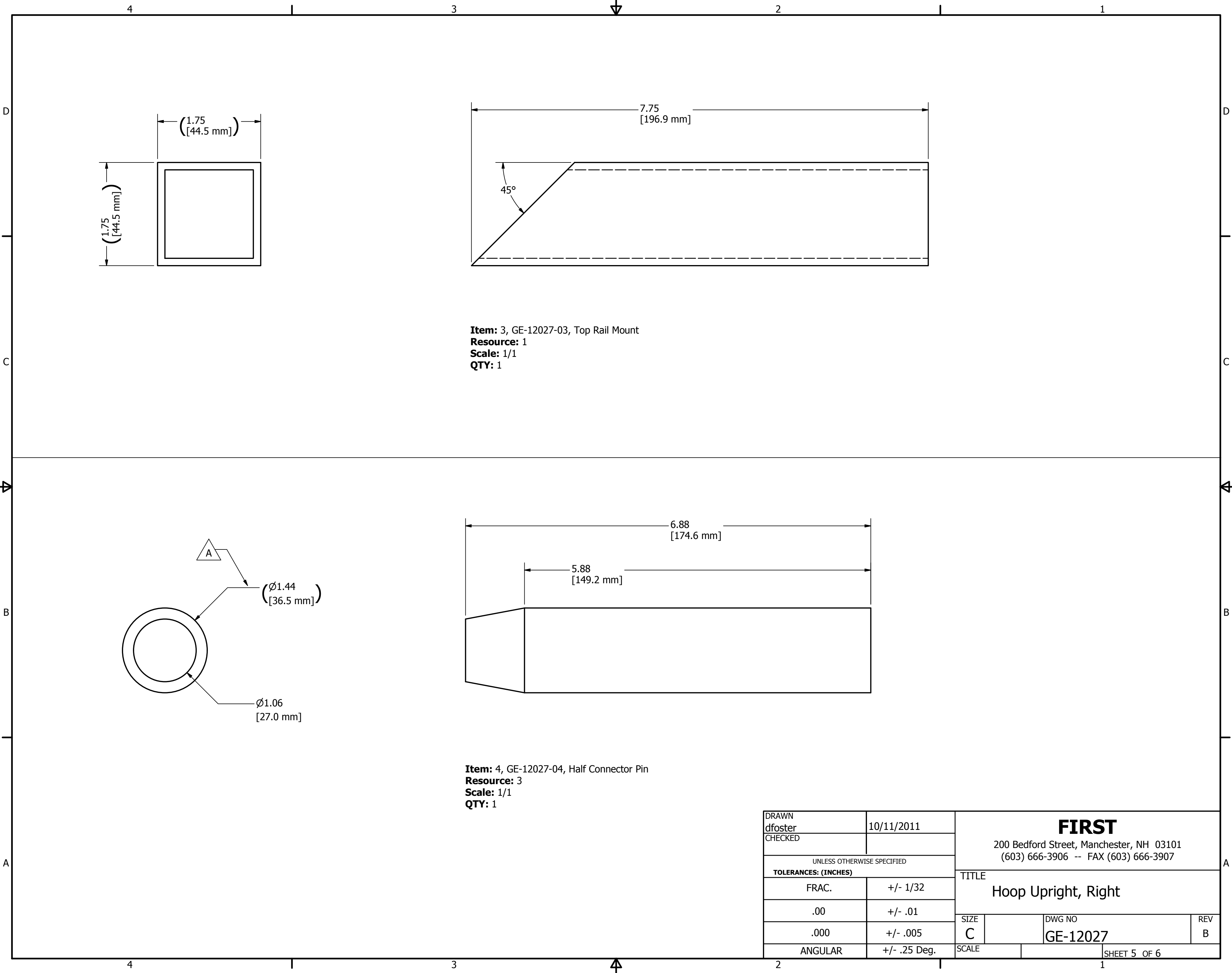
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-12027-01	Main Support
2	2	GE-12027-02	Connector Pin
3	1	GE-12027-03	Top Rail Mount
4	1	GE-12027-04	Half Pin Connector
5	1	GE-12027-05	Foot
6	4	GE-12027-06	Mounting Bracket

DRAWN dfoster		10/11/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Hoop Upright, Right</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-12027	B
				SCALE			SHEET 1 OF 6





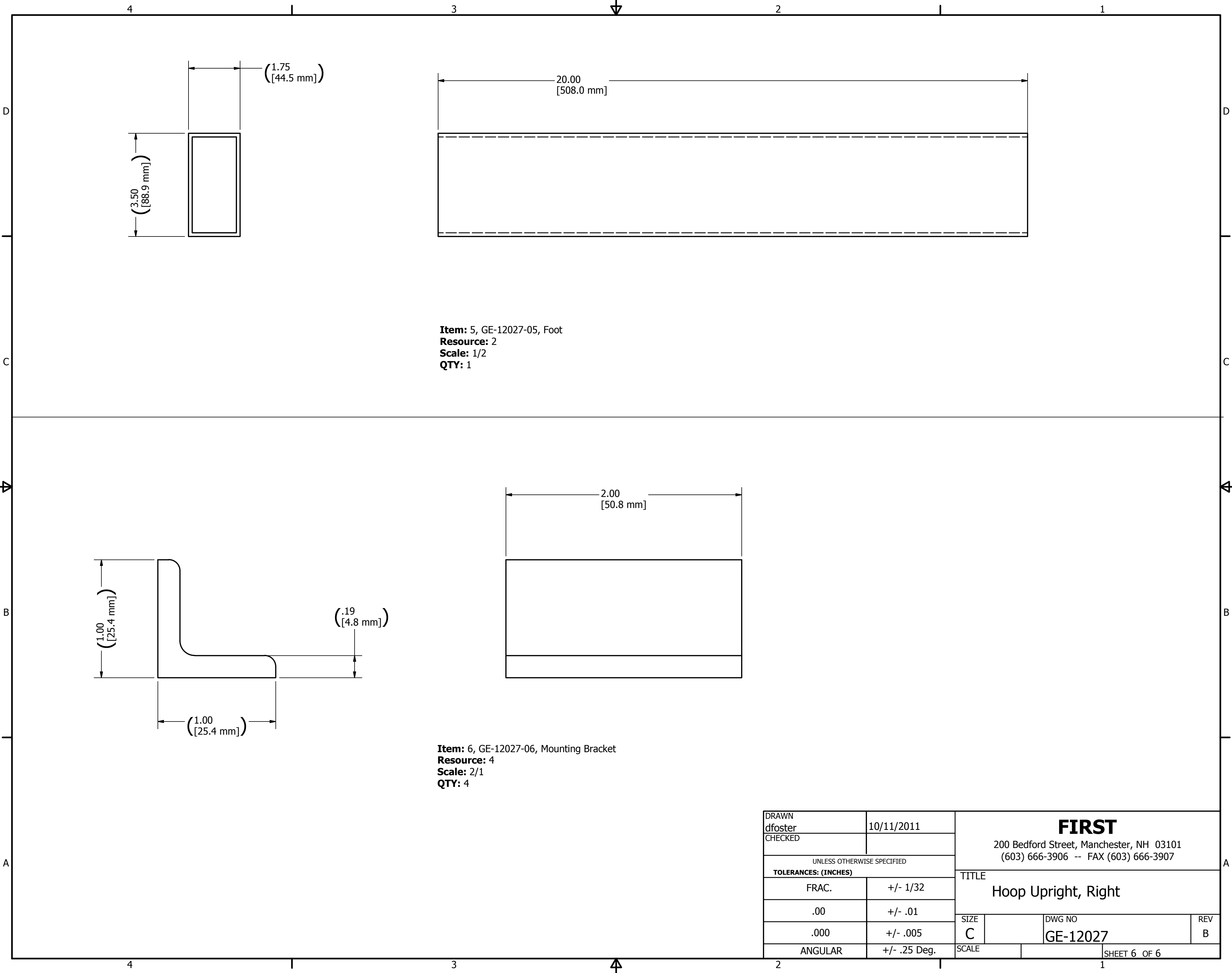
DRAWN dfoster		10/11/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101</div> <div>(603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Hoop Upright, Right</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-12027	B
				SCALE		SHEET 4 OF 6	

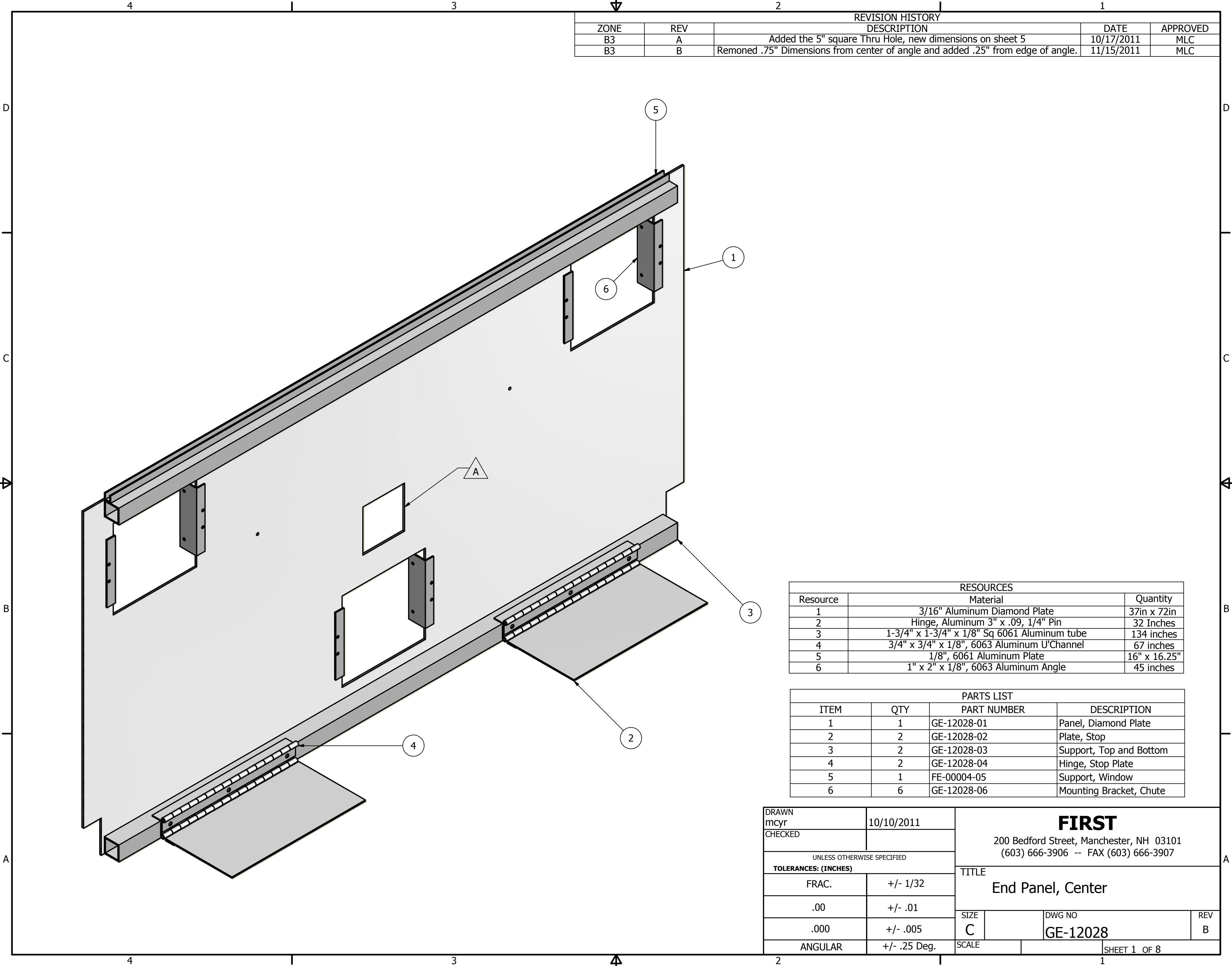


Item: 3, GE-12027-03, Top Rail Mount
Resource: 1
Scale: 1/1
QTY: 1

Item: 4, GE-12027-04, Half Connector Pin
Resource: 3
Scale: 1/1
QTY: 1

DRAWN dfoster		10/11/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101</div> <div>(603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Hoop Upright, Right</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-12027	B
				SCALE			SHEET 5 OF 6



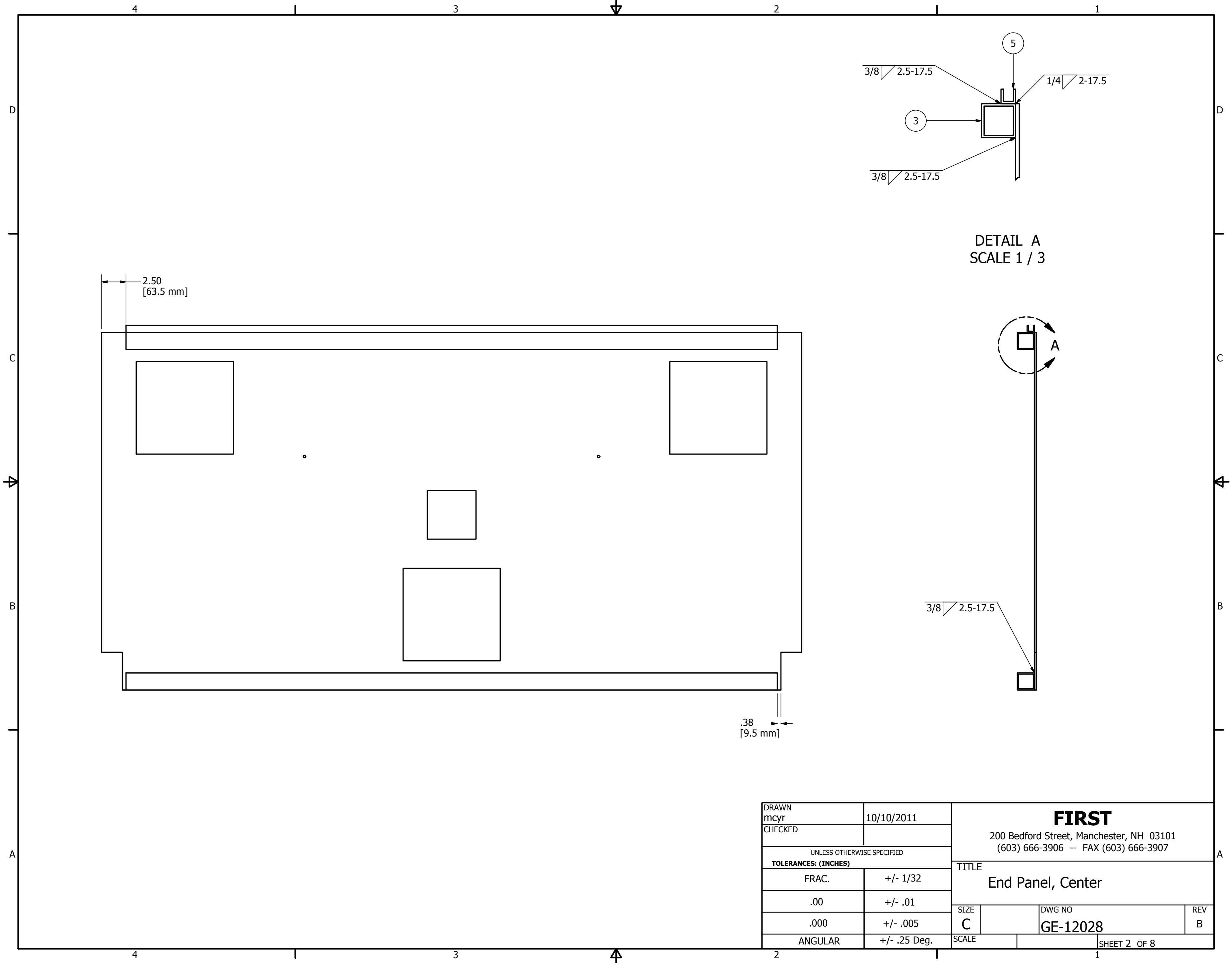


REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
B3	A	Added the 5" square Thru Hole, new dimensions on sheet 5	10/17/2011	MLC
B3	B	Remoned .75" Dimensions from center of angle and added .25" from edge of angle.	11/15/2011	MLC

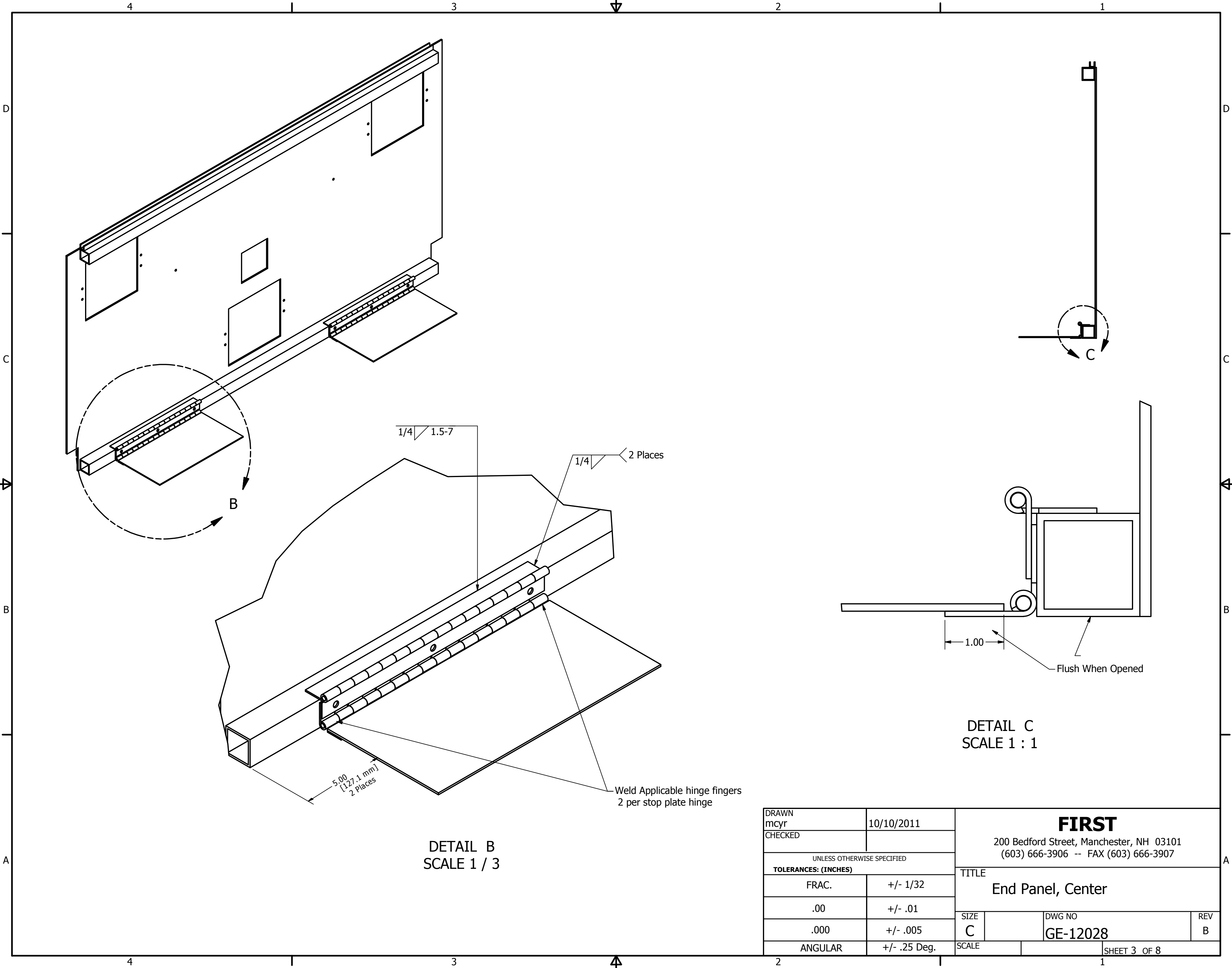
RESOURCES		
Resource	Material	Quantity
1	3/16" Aluminum Diamond Plate	37in x 72in
2	Hinge, Aluminum 3" x .09, 1/4" Pin	32 Inches
3	1-3/4" x 1-3/4" x 1/8" Sq 6061 Aluminum tube	134 inches
4	3/4" x 3/4" x 1/8", 6063 Aluminum U'Channel	67 inches
5	1/8", 6061 Aluminum Plate	16" x 16.25"
6	1" x 2" x 1/8", 6063 Aluminum Angle	45 inches

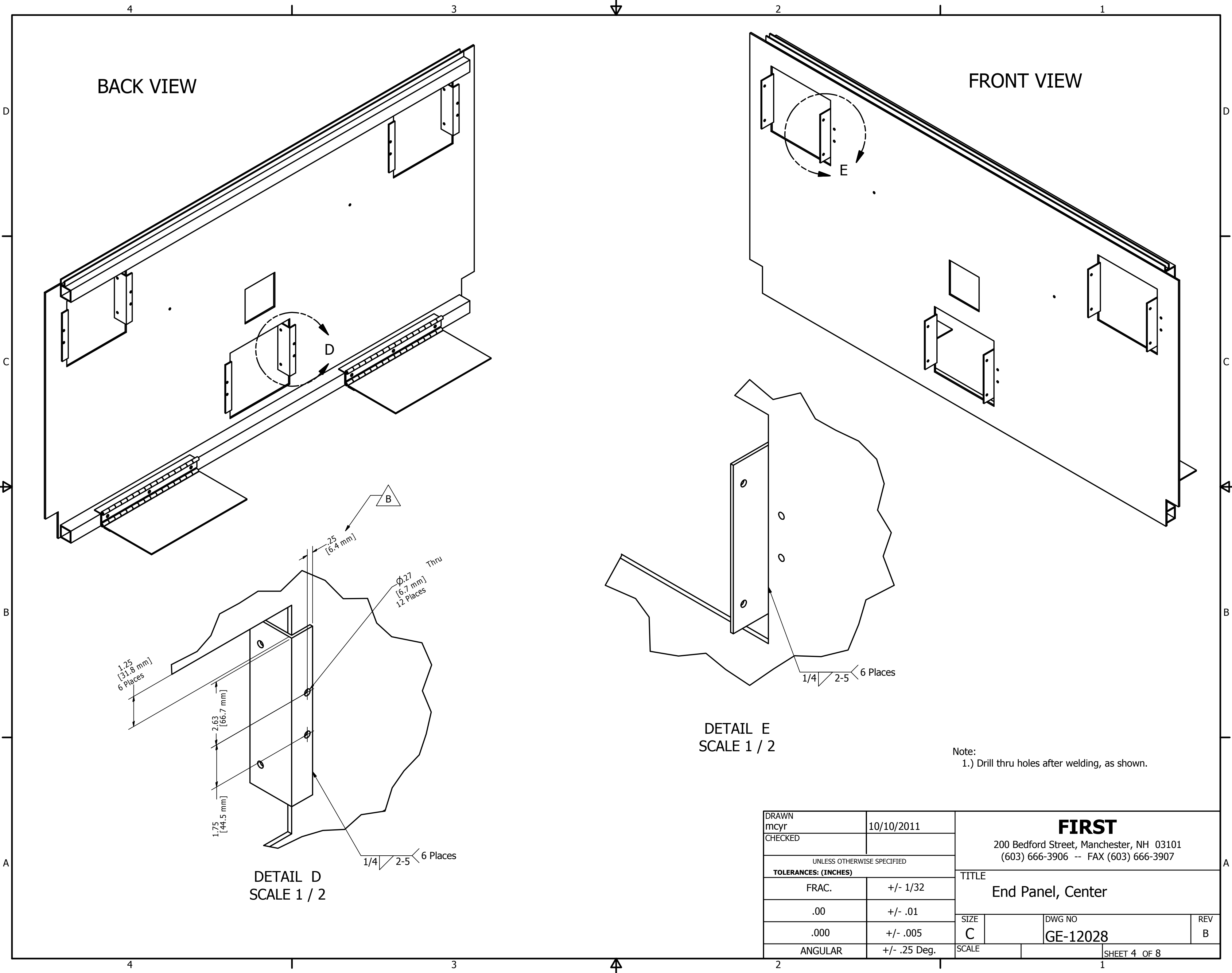
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-12028-01	Panel, Diamond Plate
2	2	GE-12028-02	Plate, Stop
3	2	GE-12028-03	Support, Top and Bottom
4	2	GE-12028-04	Hinge, Stop Plate
5	1	FE-00004-05	Support, Window
6	6	GE-12028-06	Mounting Bracket, Chute

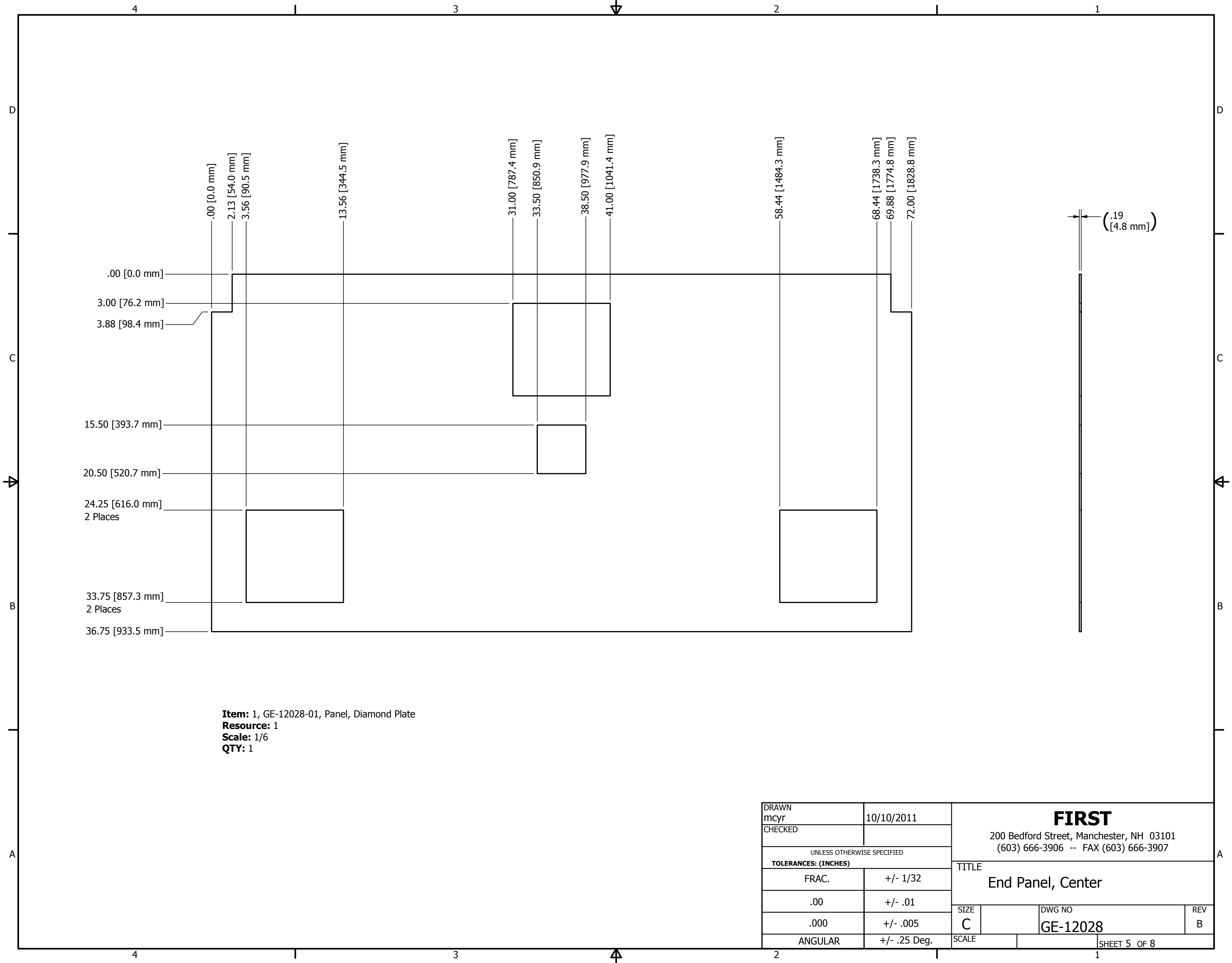
DRAWN mcy		10/10/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101</div> <div>(603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>End Panel, Center</div> <div>SIZE<div>C</div></div> <div>DWG NO<div>GE-12028</div></div> <div>REV<div>B</div></div> <div>SCALE<div></div></div> <div>SHEET 1 OF 8</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.					

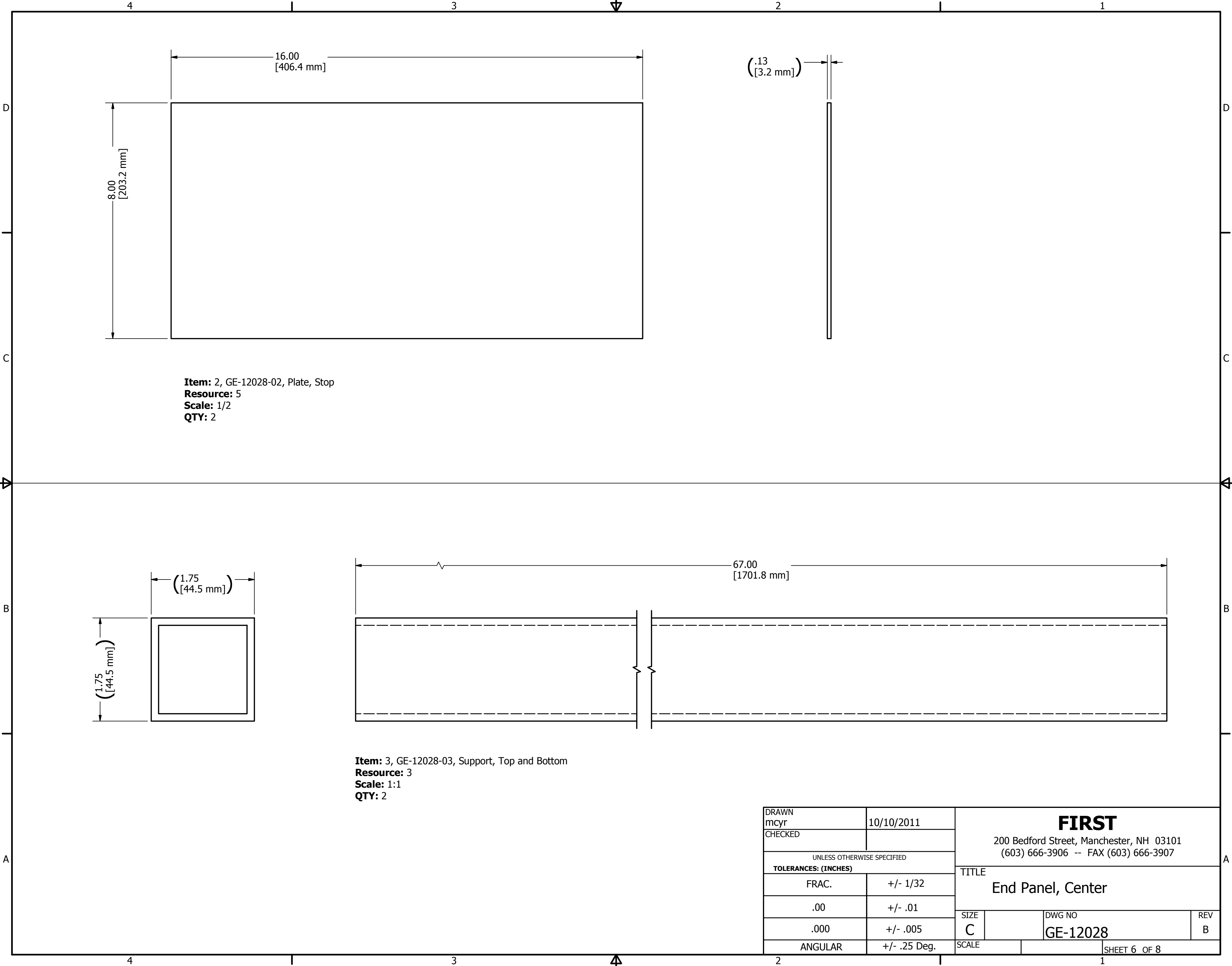


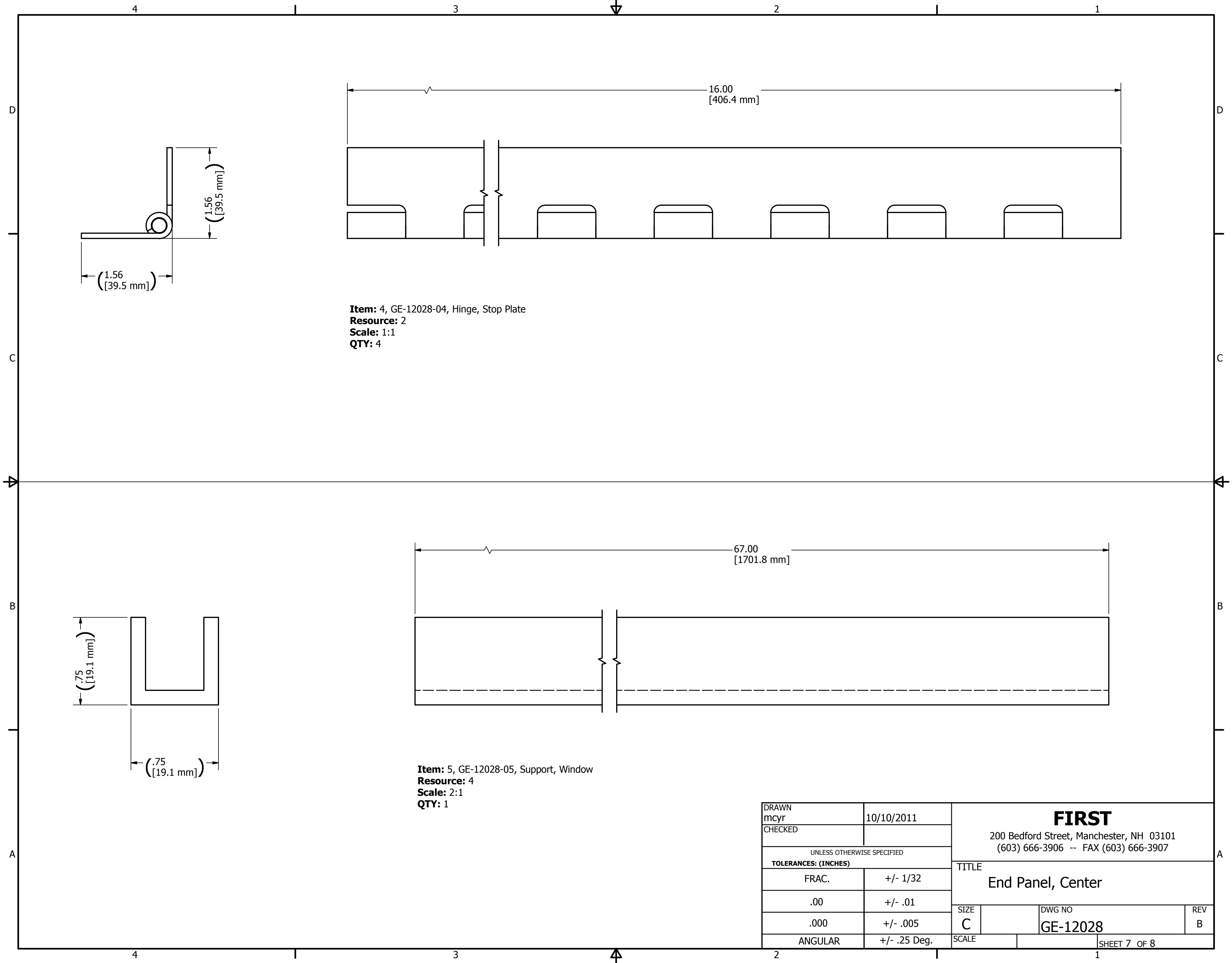
DRAWN mcyr CHECKED	10/10/2011	FIRST 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)		TITLE End Panel, Center		
FRAC.	+/- 1/32			
.00	+/- .01	SIZE C	DWG NO GE-12028	REV B
.000	+/- .005	SCALE		
ANGULAR	+/- .25 Deg.	SHEET 2 OF 8		

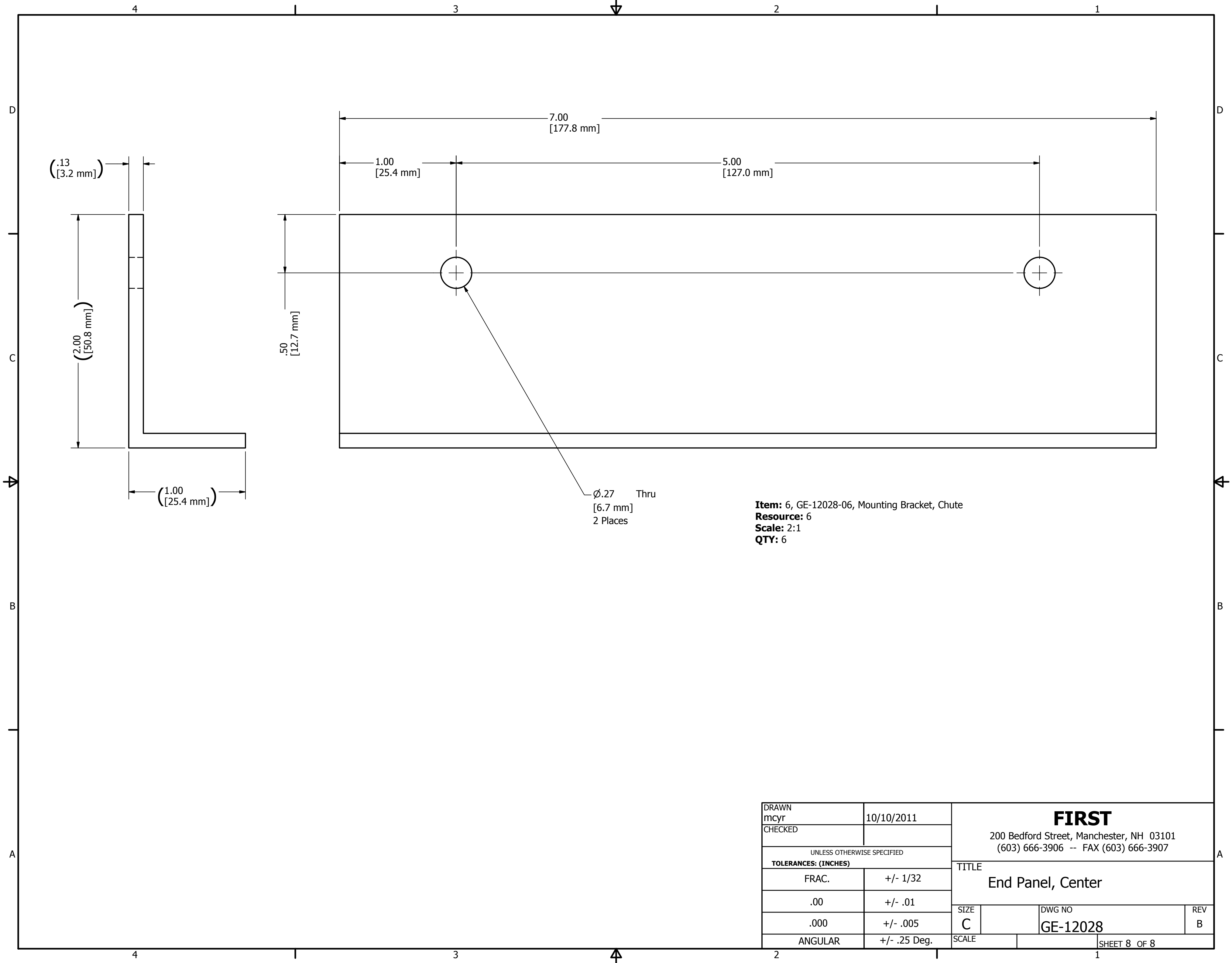




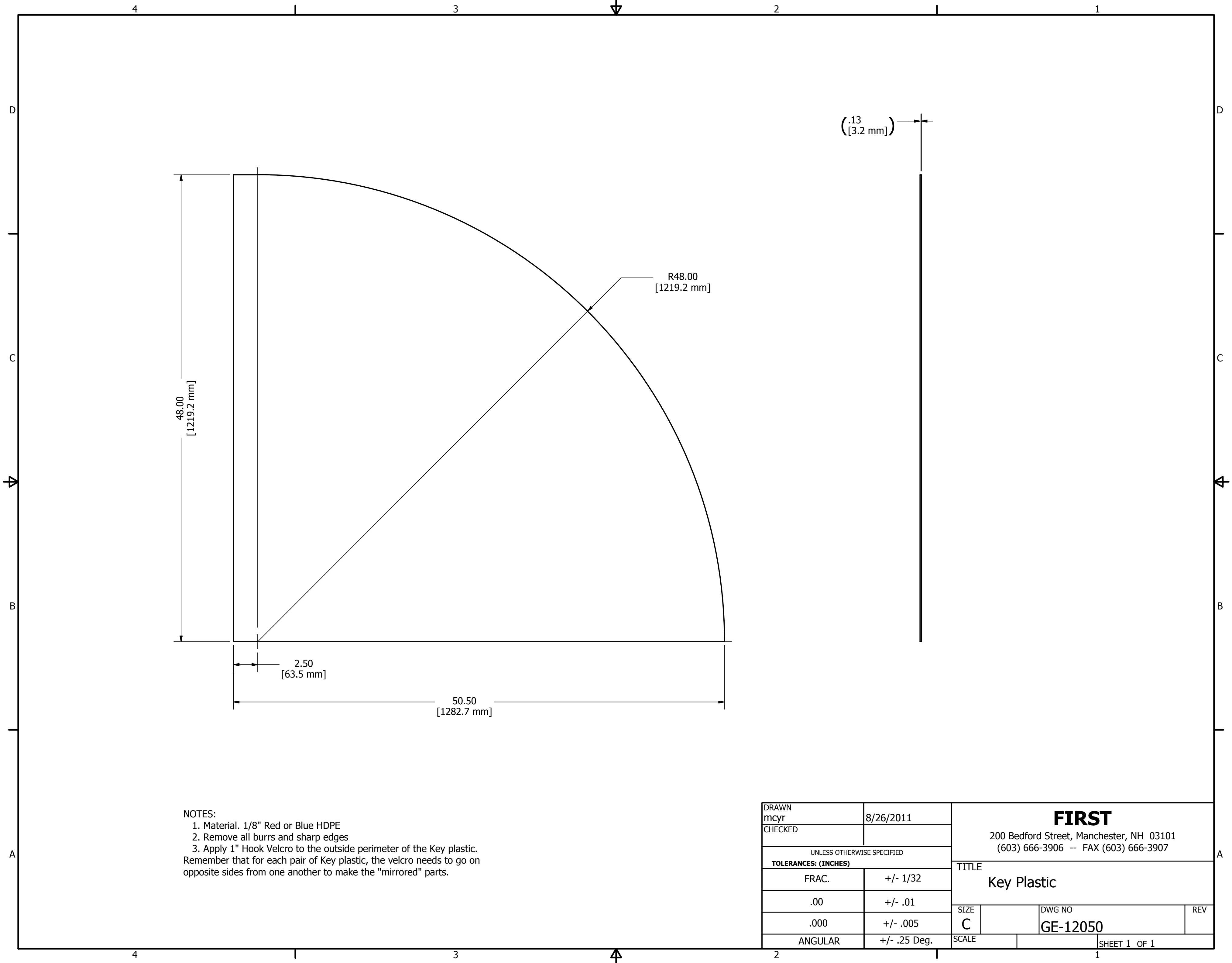






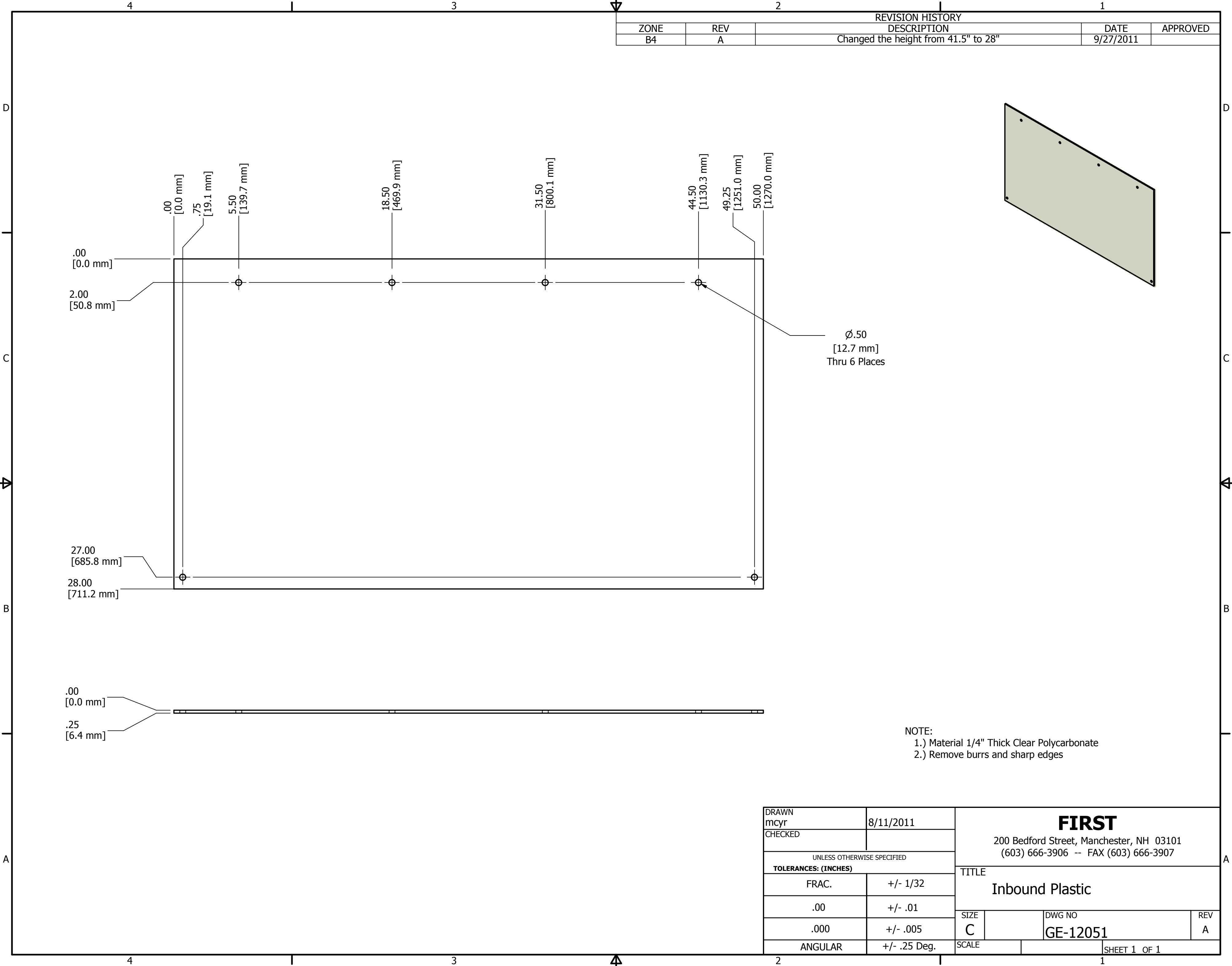


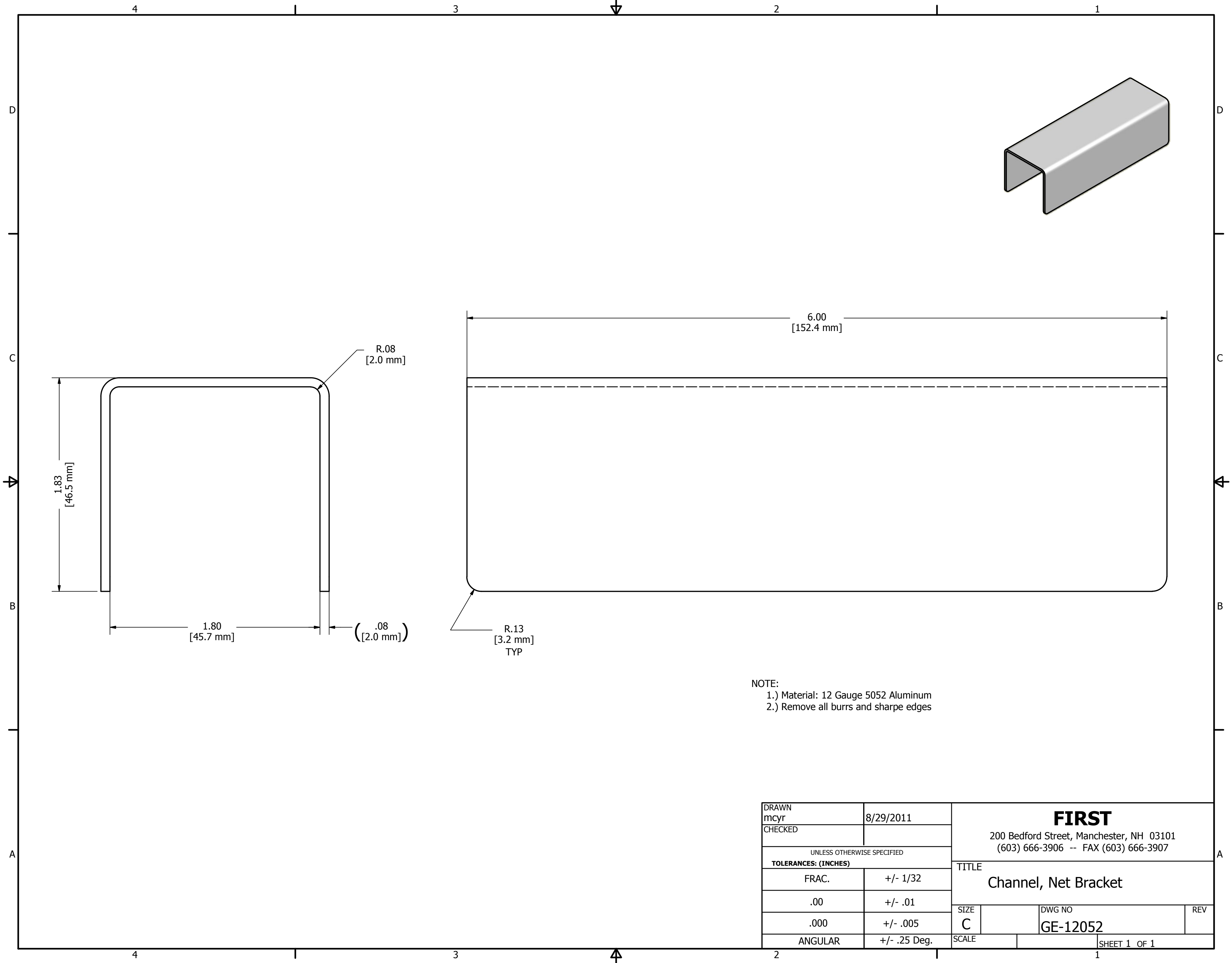
DRAWN mcy		10/10/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>End Panel, Center</div> <div><div>SIZE</div><div>C</div><div>DWG NO</div><div>GE-12028</div><div>REV</div><div>B</div></div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SCALE		SHEET 8 OF 8	



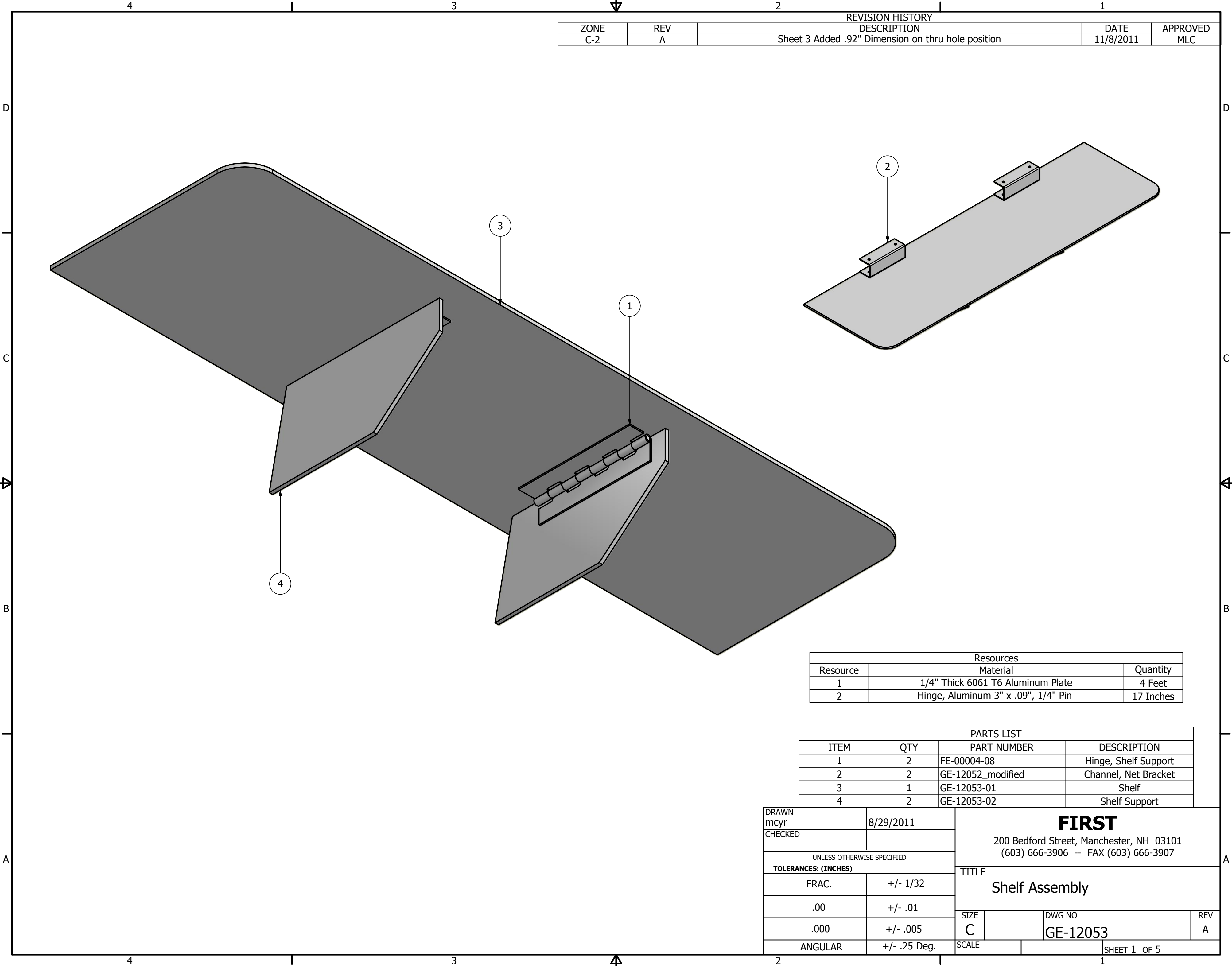
NOTES:
1. Material. 1/8" Red or Blue HDPE
2. Remove all burrs and sharp edges
3. Apply 1" Hook Velcro to the outside perimeter of the Key plastic.
Remember that for each pair of Key plastic, the velcro needs to go on opposite sides from one another to make the "mirrored" parts.

DRAWN mcyr		8/26/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE <div>Key Plastic</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32		SIZE C			
.00		+/- .01					
.000		+/- .005		DWG NO GE-12050			
ANGULAR		+/- .25 Deg.					
				SCALE		REV	
						SHEET 1 OF 1	





DRAWN mcy r	8/29/2011	<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED					
UNLESS OTHERWISE SPECIFIED		<div>TITLE</div> <div>Channel, Net Bracket</div>			
TOLERANCES: (INCHES)					
FRAC.	+/- 1/32				
.00	+/- .01				
.000	+/- .005	SIZE		DWG NO	REV
		C		GE-12052	
ANGULAR	+/- .25 Deg.	SCALE		SHEET 1 OF 1	

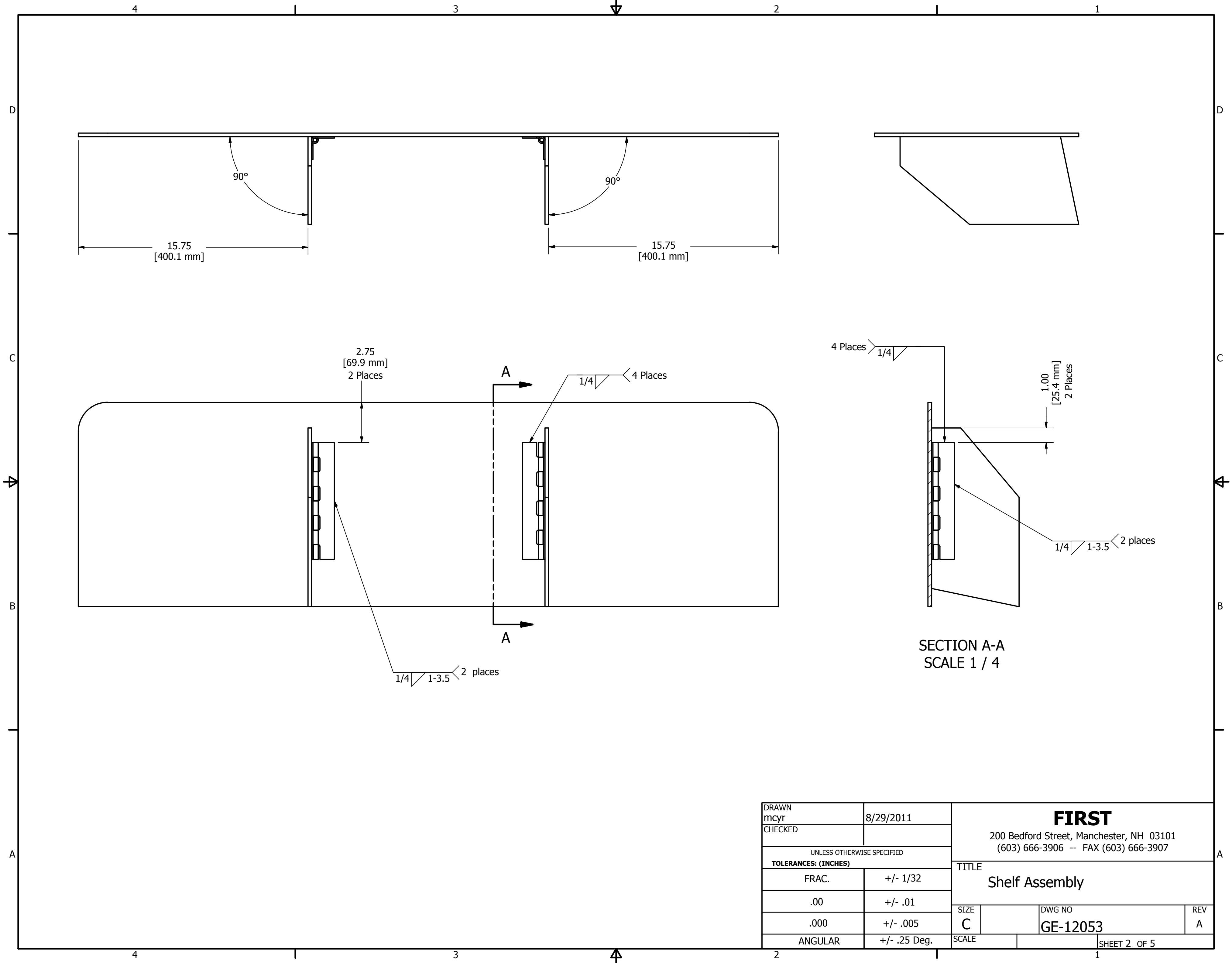


REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
C-2	A	Sheet 3 Added .92" Dimension on thru hole position	11/8/2011	MLC

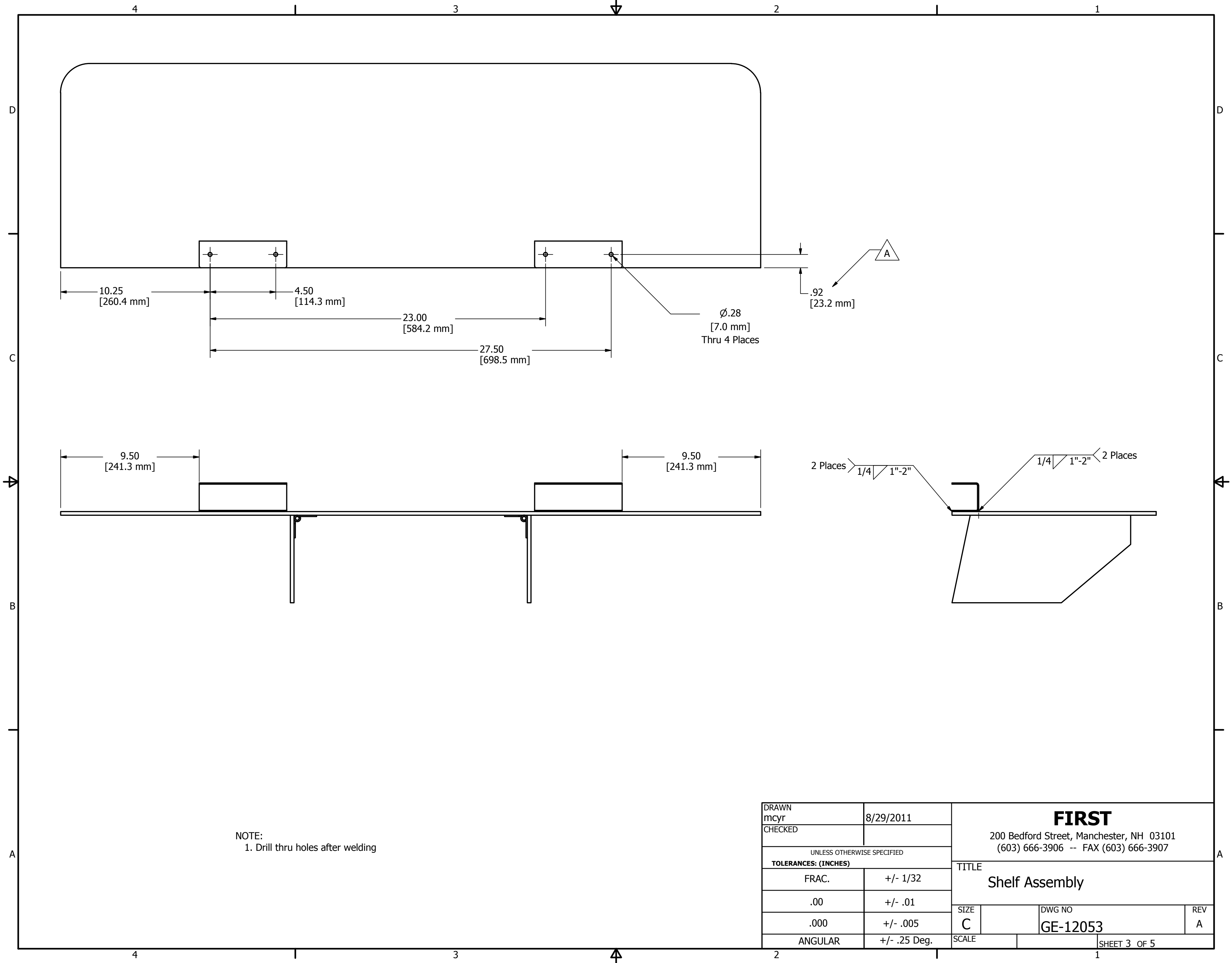
Resources		
Resource	Material	Quantity
1	1/4" Thick 6061 T6 Aluminum Plate	4 Feet
2	Hinge, Aluminum 3" x .09", 1/4" Pin	17 Inches

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	FE-00004-08	Hinge, Shelf Support
2	2	GE-12052_modified	Channel, Net Bracket
3	1	GE-12053-01	Shelf
4	2	GE-12053-02	Shelf Support

DRAWN mcyr		8/29/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Shelf Assembly</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-12053	A
				SCALE			SHEET 1 OF 5

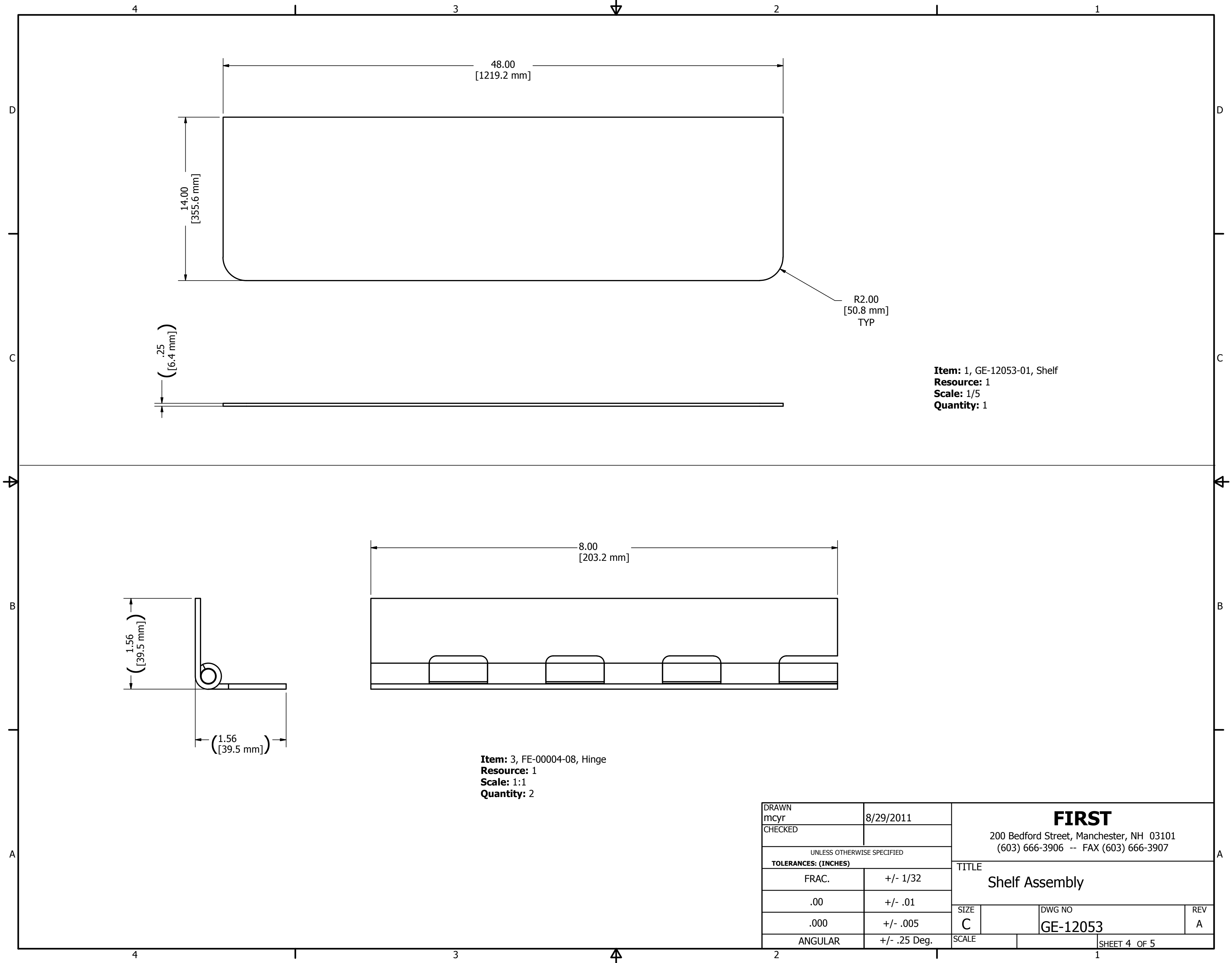


DRAWN mcy		8/29/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)				<div>TITLE</div> <div>Shelf Assembly</div>			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-12053	A
				SCALE		SHEET 2 OF 5	

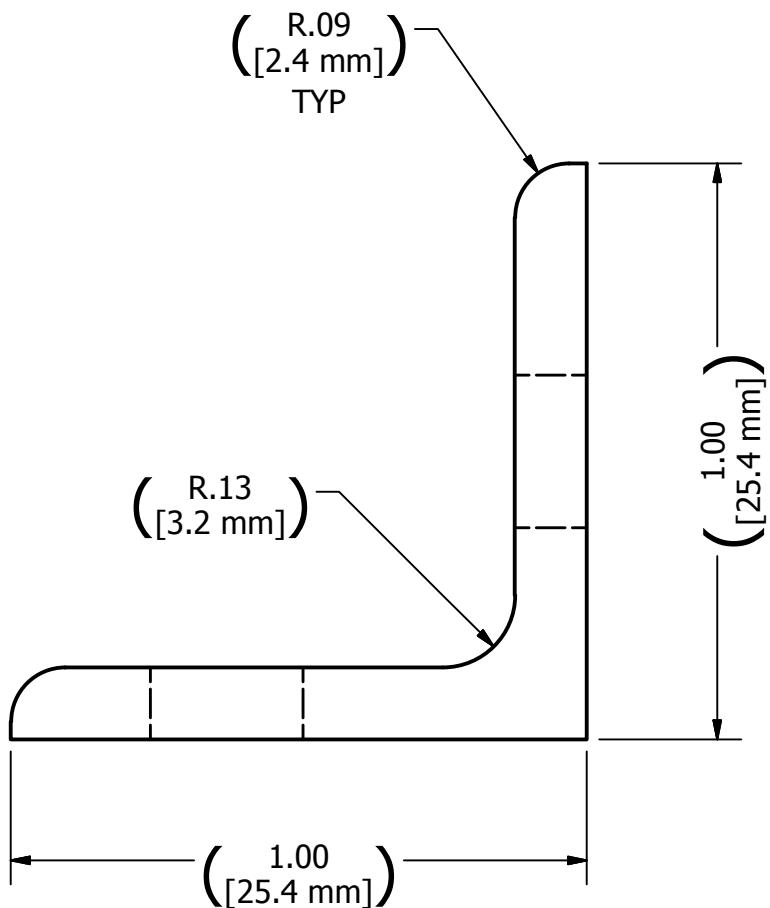
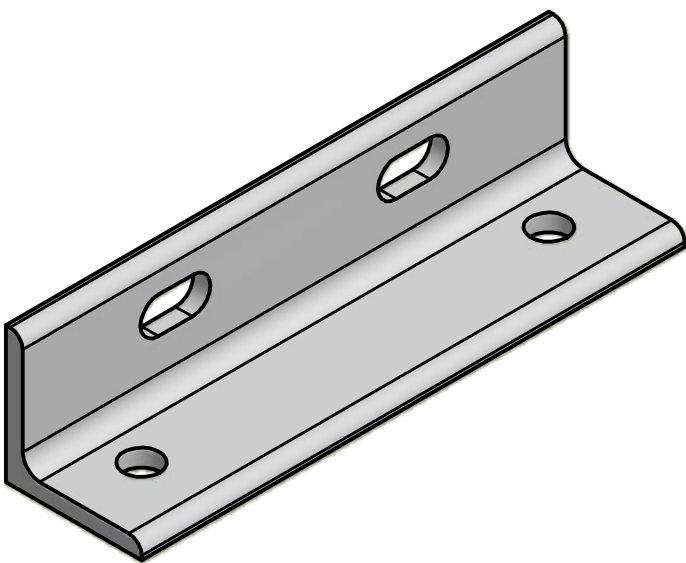
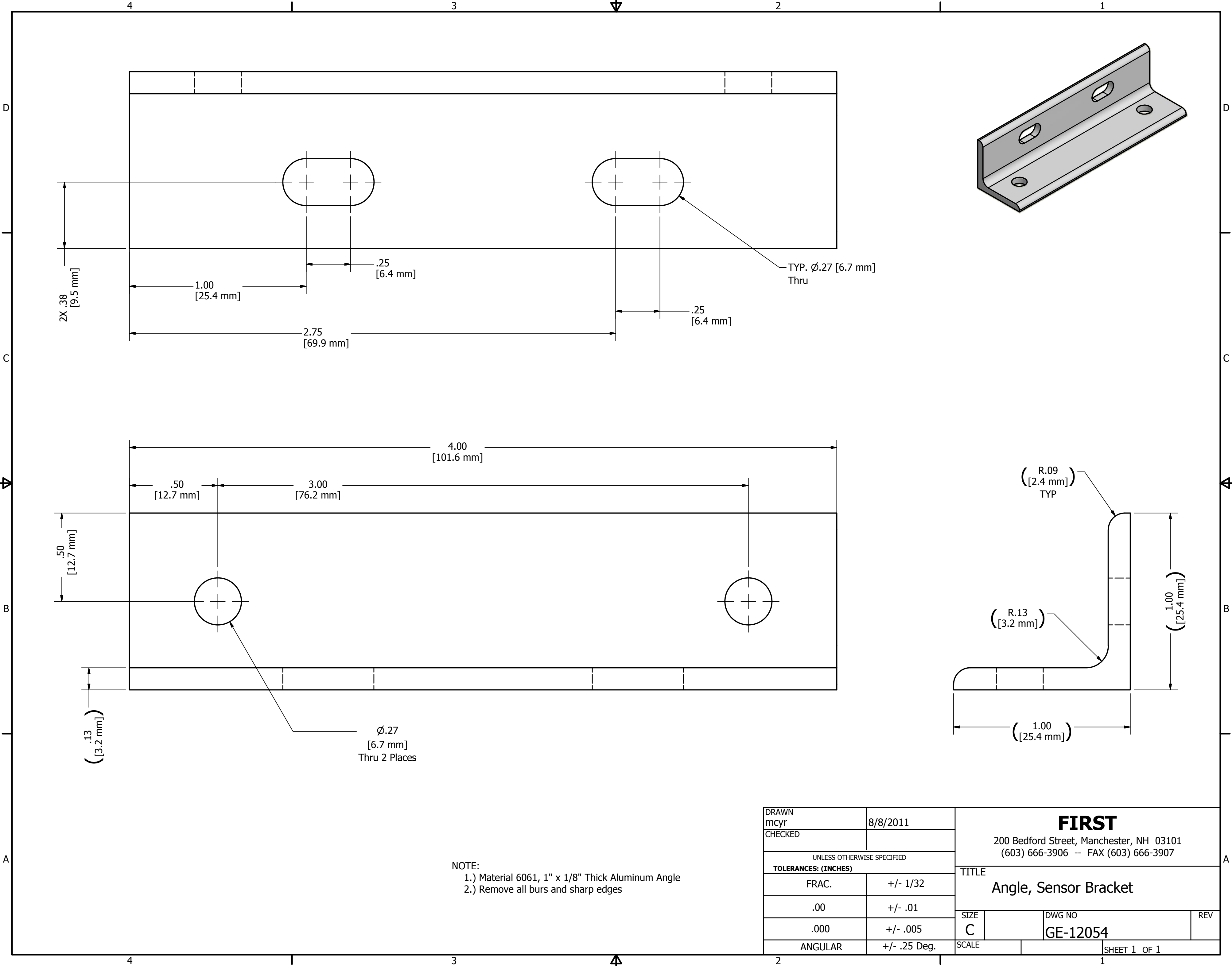


NOTE:
1. Drill thru holes after welding

DRAWN mcy		8/29/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101</div> <div>(603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Shelf Assembly</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE	DWG NO		REV
				C	GE-12053		A
		SCALE				SHEET 3 OF 5	

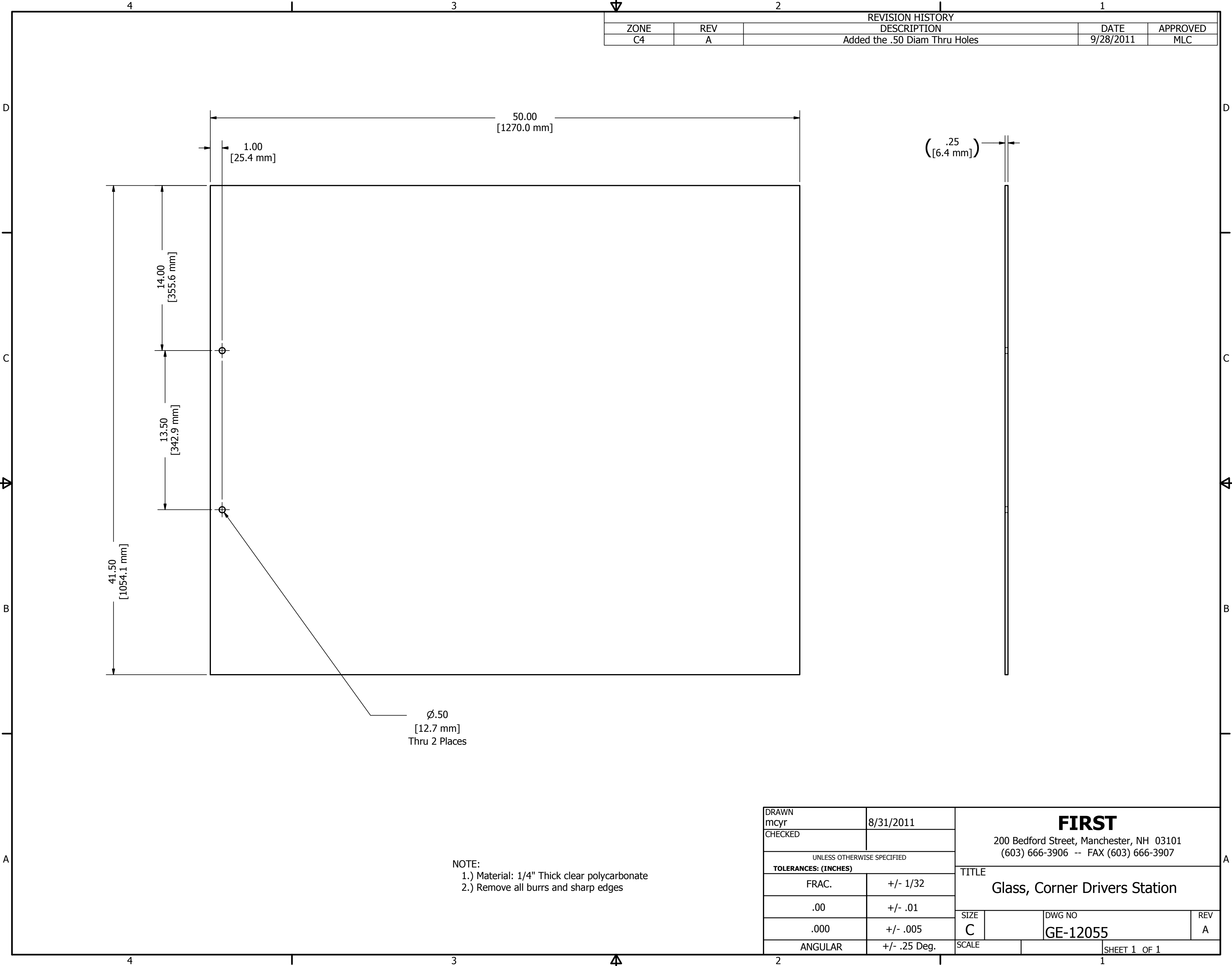


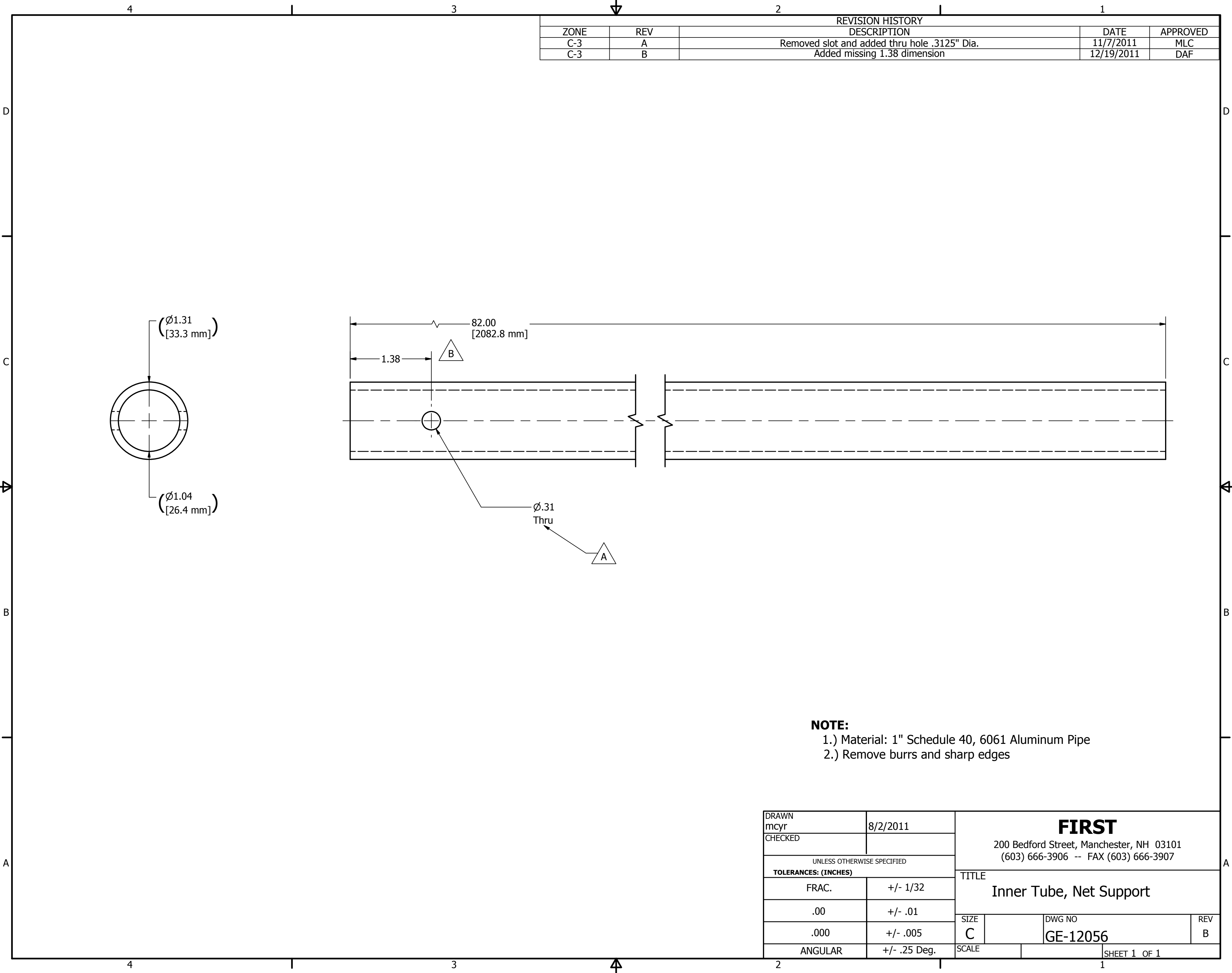
DRAWN mcyr	8/29/2011	FIRST 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED					
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)		TITLE Shelf Assembly			
FRAC.	+/- 1/32				
.00	+/- .01				
.000	+/- .005	SIZE C	DWG NO GE-12053	REV A	
ANGULAR	+/- .25 Deg.	SCALE		SHEET 4 OF 5	



DRAWN mcyr CHECKED	8/8/2011	FIRST 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)		TITLE Angle, Sensor Bracket		
FRAC.	+/- 1/32	SIZE C	DWG NO GE-12054	REV
.00	+/- .01	SCALE	SHEET 1 OF 1	
.000	+/- .005			
ANGULAR	+/- .25 Deg.			

NOTE:
1.) Material 6061, 1" x 1/8" Thick Aluminum Angle
2.) Remove all burs and sharp edges

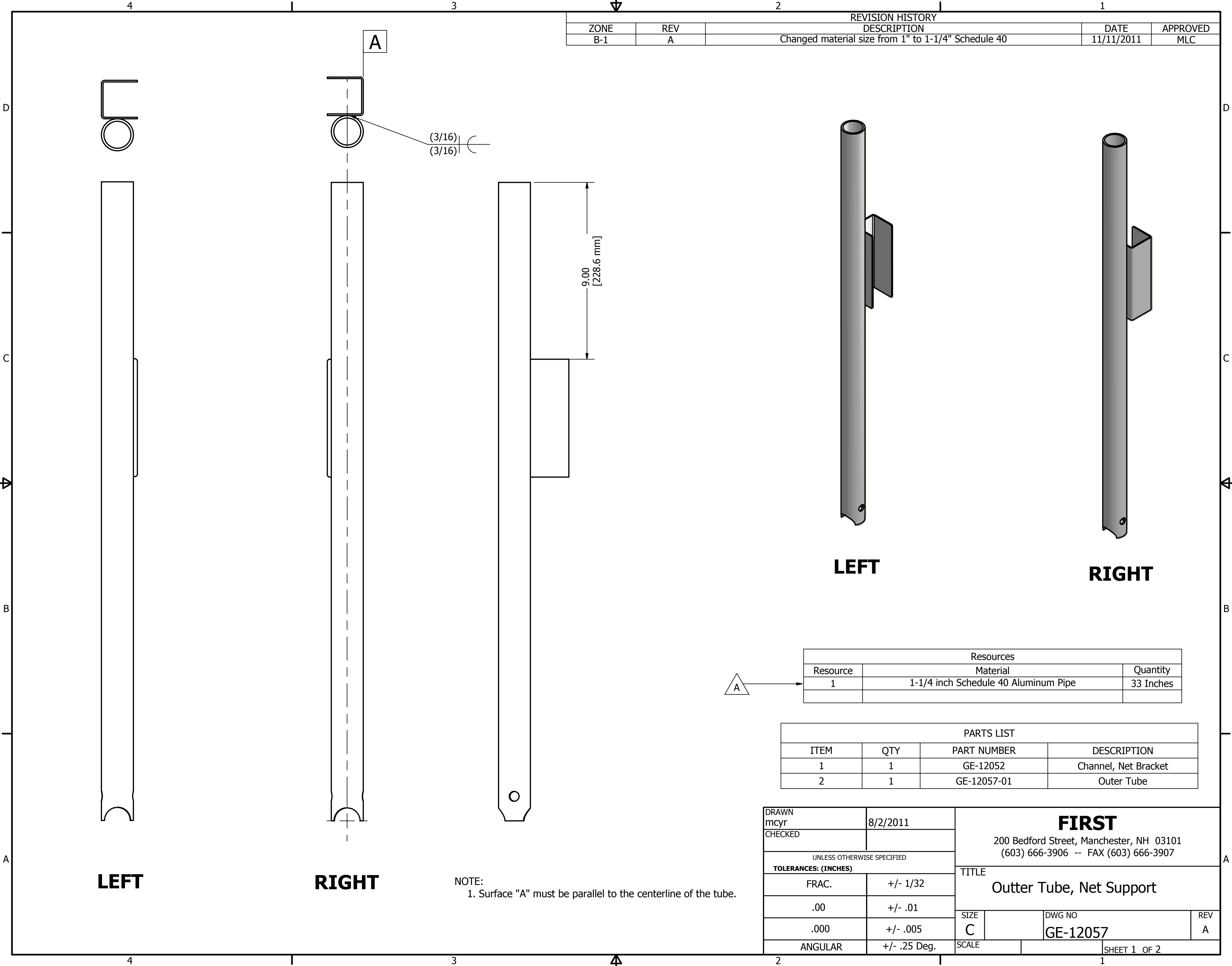


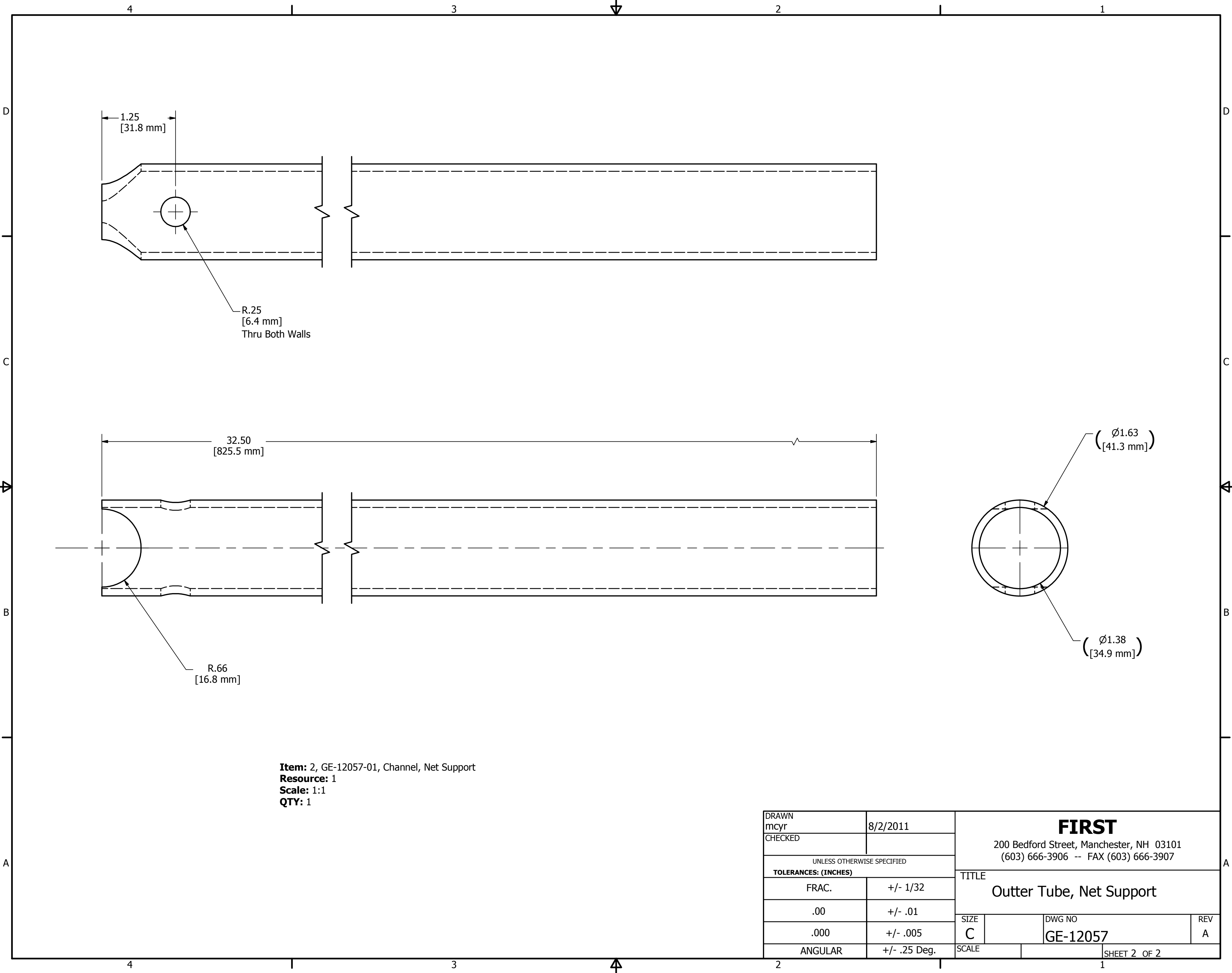


REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
C-3	A	Removed slot and added thru hole .3125" Dia.	11/7/2011	MLC
C-3	B	Added missing 1.38 dimension	12/19/2011	DAF

NOTE:
1.) Material: 1" Schedule 40, 6061 Aluminum Pipe
2.) Remove burrs and sharp edges

DRAWN mcyr		8/2/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32		<div>TITLE</div> <div>Inner Tube, Net Support</div>			
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.					
				SIZE	DWG NO		REV
				C	GE-12056		B
				SCALE		SHEET 1 OF 1	

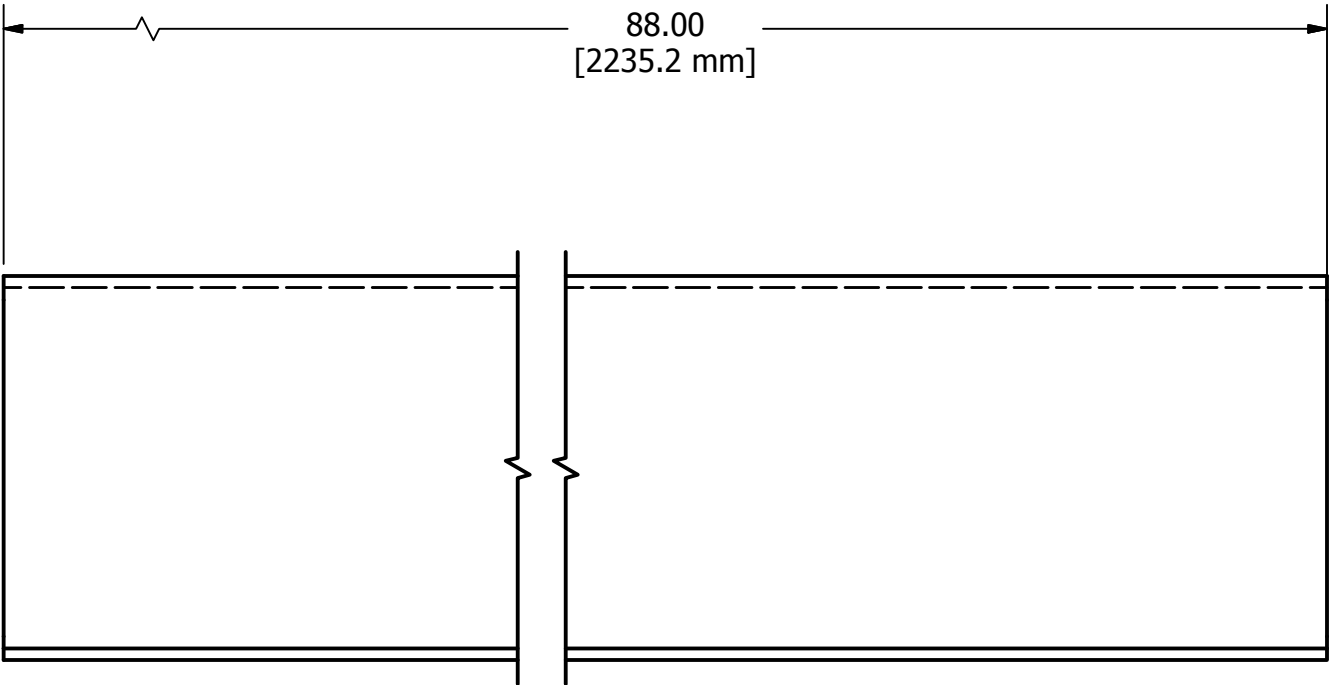
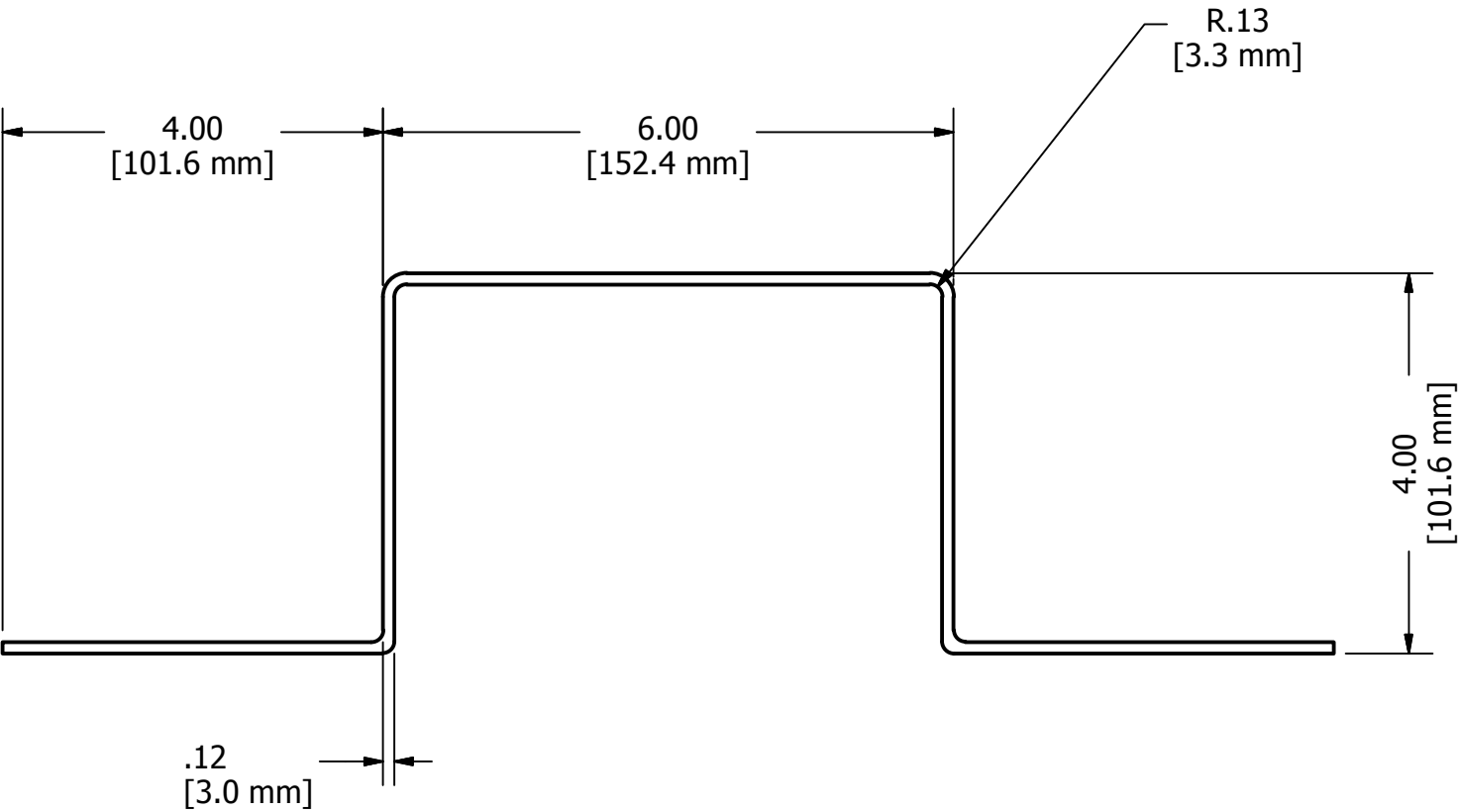




Item: 2, GE-12057-01, Channel, Net Support
Resource: 1
Scale: 1:1
QTY: 1

DRAWN mcyr		8/2/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Outter Tube, Net Support</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-12057	A
				SCALE		SHEET 2 OF 2	

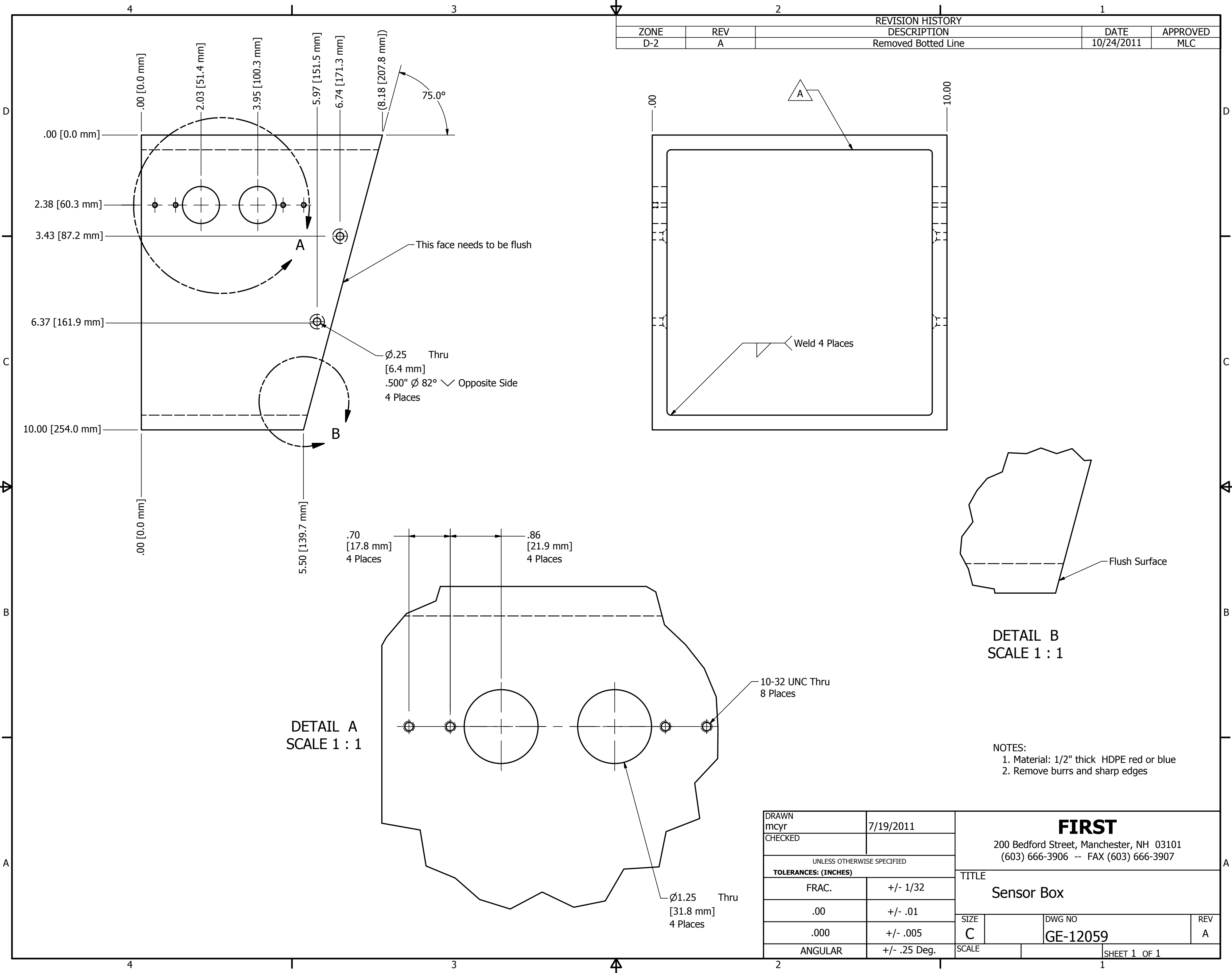
REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
A4	A	Added Plating Spec and mm to all dimensions	10/3/2011	MLC
A4	B	Changed plating to Zinc with Clear Chromate	11/1/2011	MLC



NOTE:
1.) Material: Cold Rolled, Sheet Steel
2.) Remove all burrs and sharp edges
3.) Plating Spec: Zinc with Clear Chromate



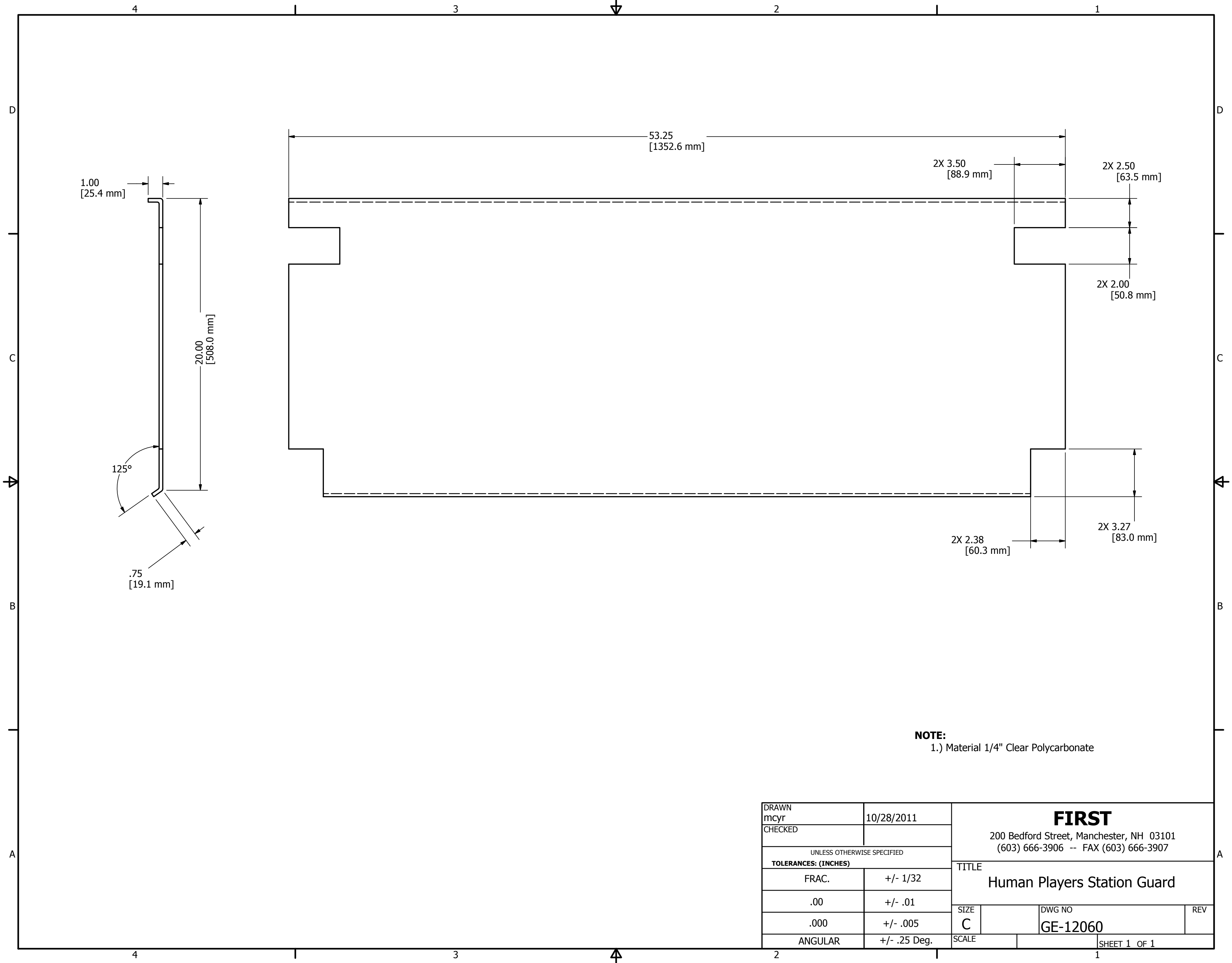
DRAWN dfoster	6/20/2011	200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED					
UNLESS OTHERWISE SPECIFIED		TITLE Center Field Channel			
TOLERANCES: (INCHES)					
FRAC.	+/- 1/32				
.00	+/- .01	SIZE B			
.000	+/- .005				
ANGULAR	+/- .25 Deg.	SCALE		DWG NO GE-12058	REV B
				SHEET 1 OF 1	



REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
D-2	A	Removed Botted Line	10/24/2011	MLC

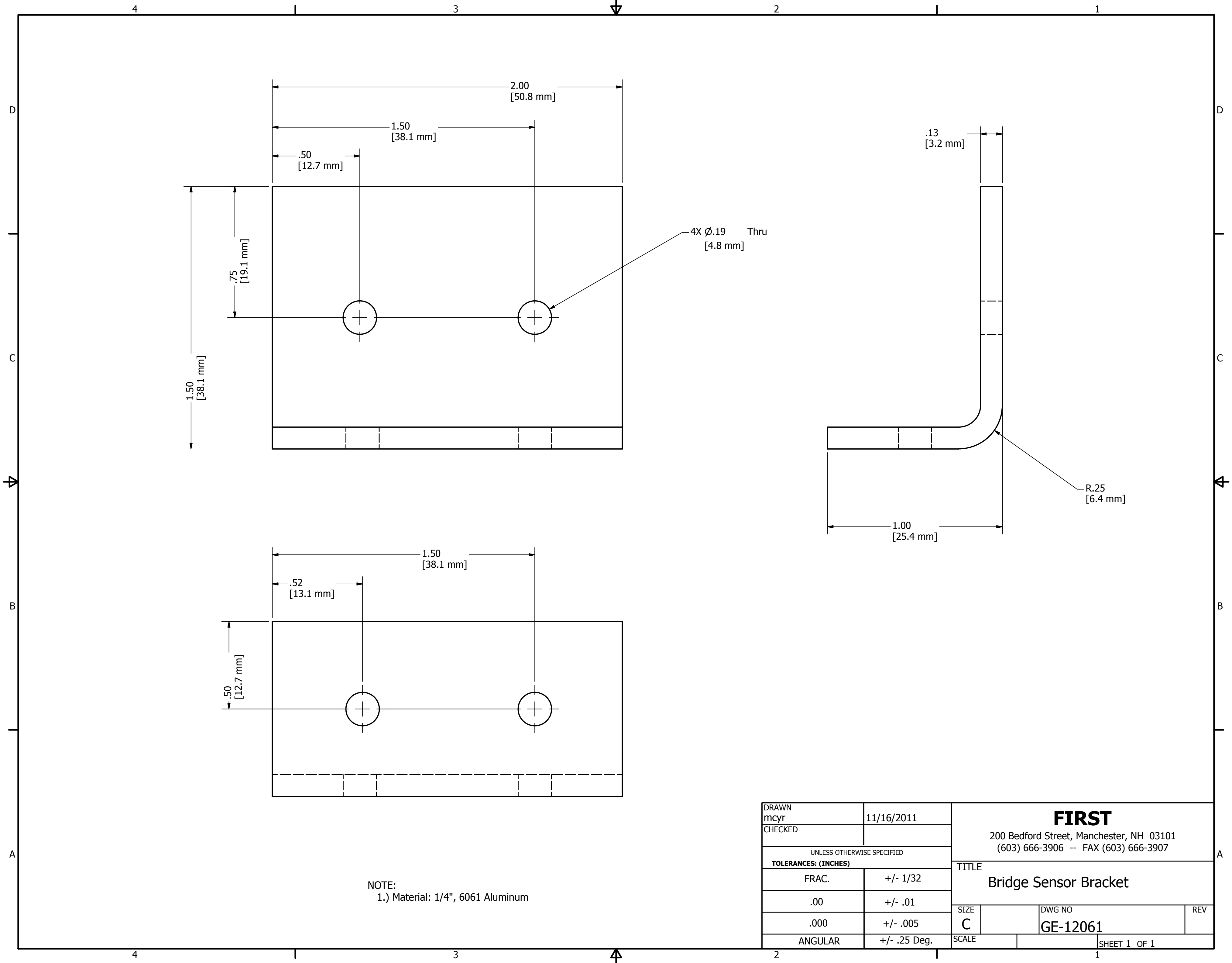
DRAWN mcy		7/19/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)				TITLE <div>Sensor Box</div>			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE C	DWG NO GE-12059		REV A
ANGULAR		+/- .25 Deg.		SCALE		SHEET 1 OF 1	

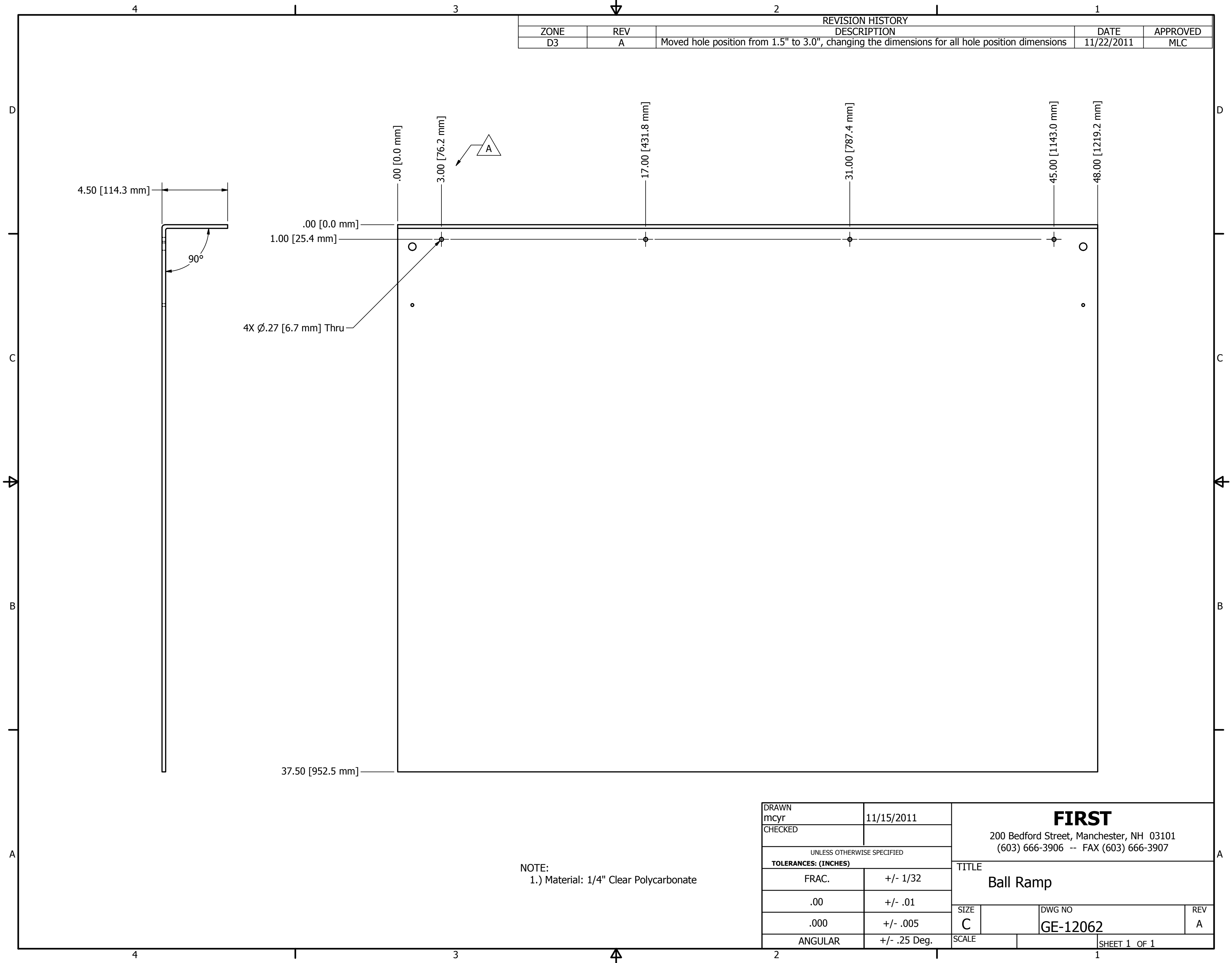
NOTES:
1. Material: 1/2" thick HDPE red or blue
2. Remove burrs and sharp edges



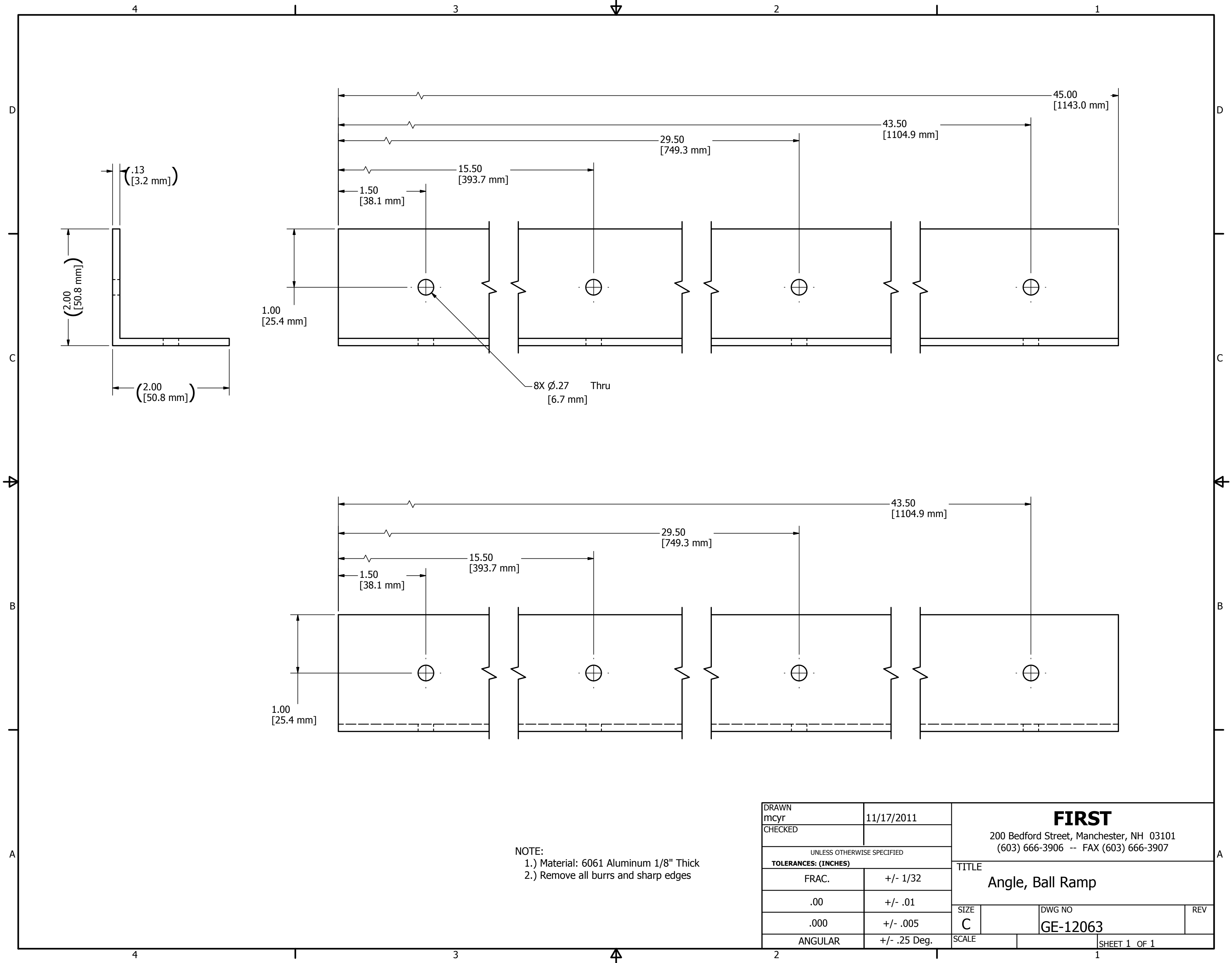
NOTE:
1.) Material 1/4" Clear Polycarbonate

DRAWN mcyr		10/28/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Human Players Station Guard</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE	DWG NO		REV
				C	GE-12060		
				SCALE		SHEET 1 OF 1	

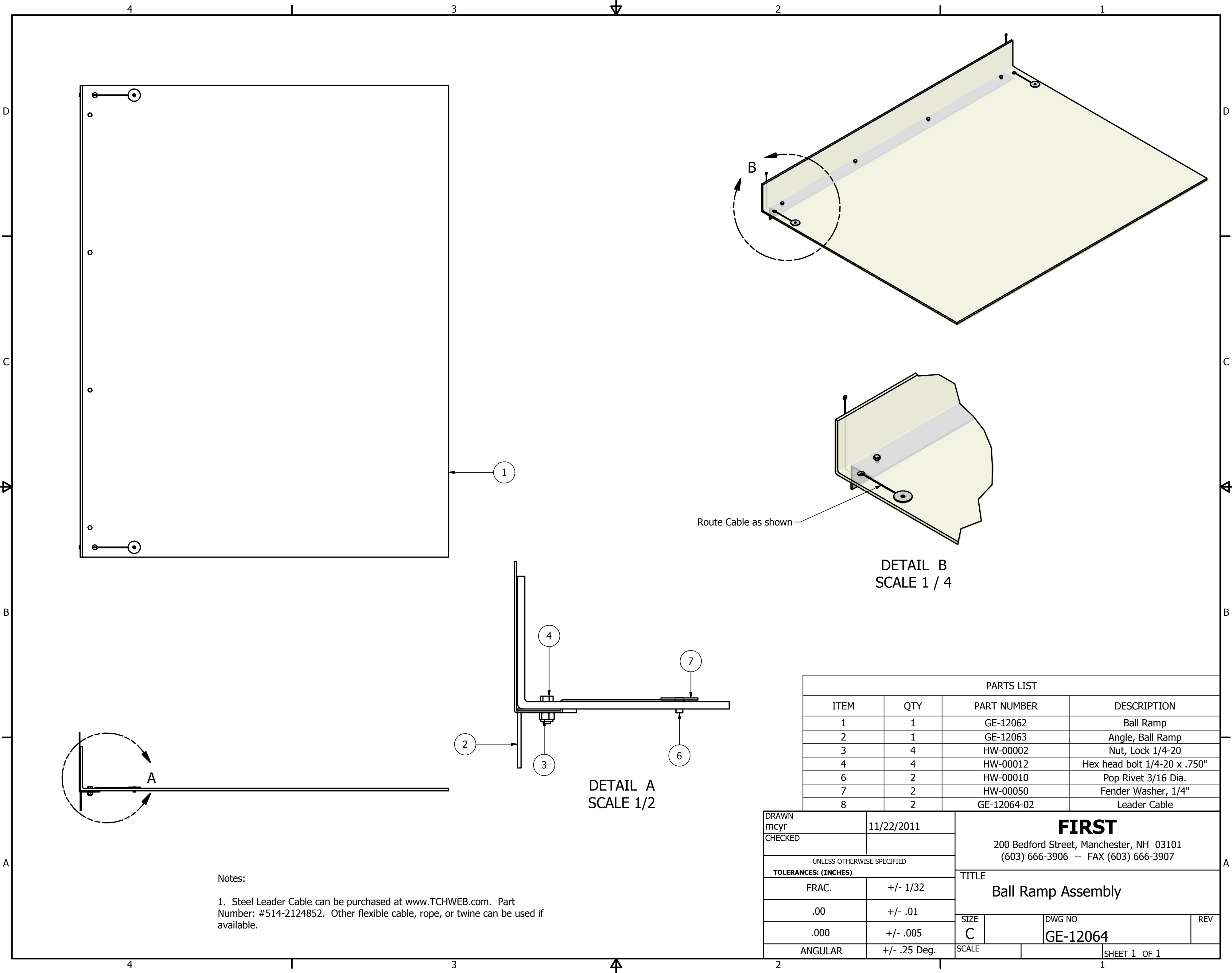




DRAWN mcyr		11/15/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101</div> <div>(603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Ball Ramp</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-12062	A
				SCALE			SHEET 1 OF 1



DRAWN mcyr		11/17/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Angle, Ball Ramp</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-12063	
				SCALE			SHEET 1 OF 1

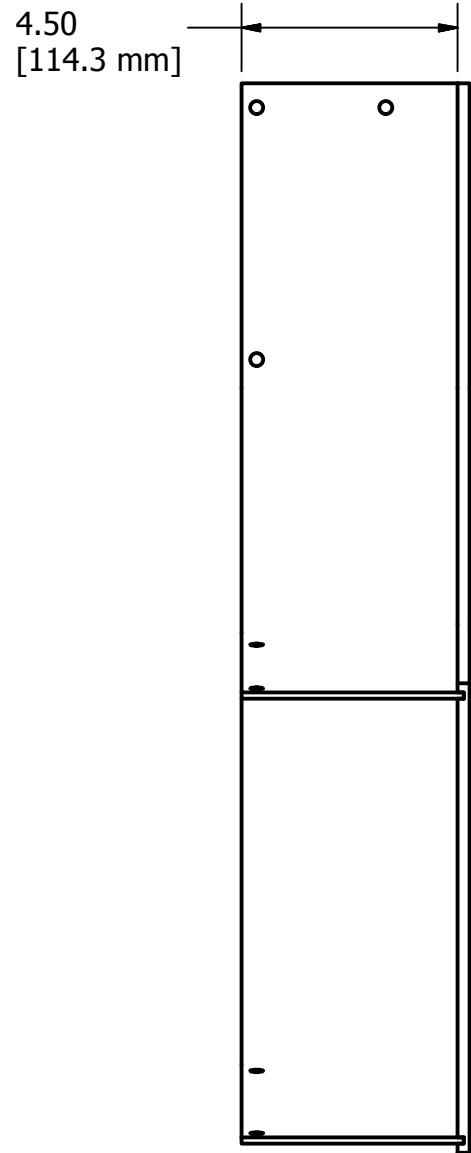
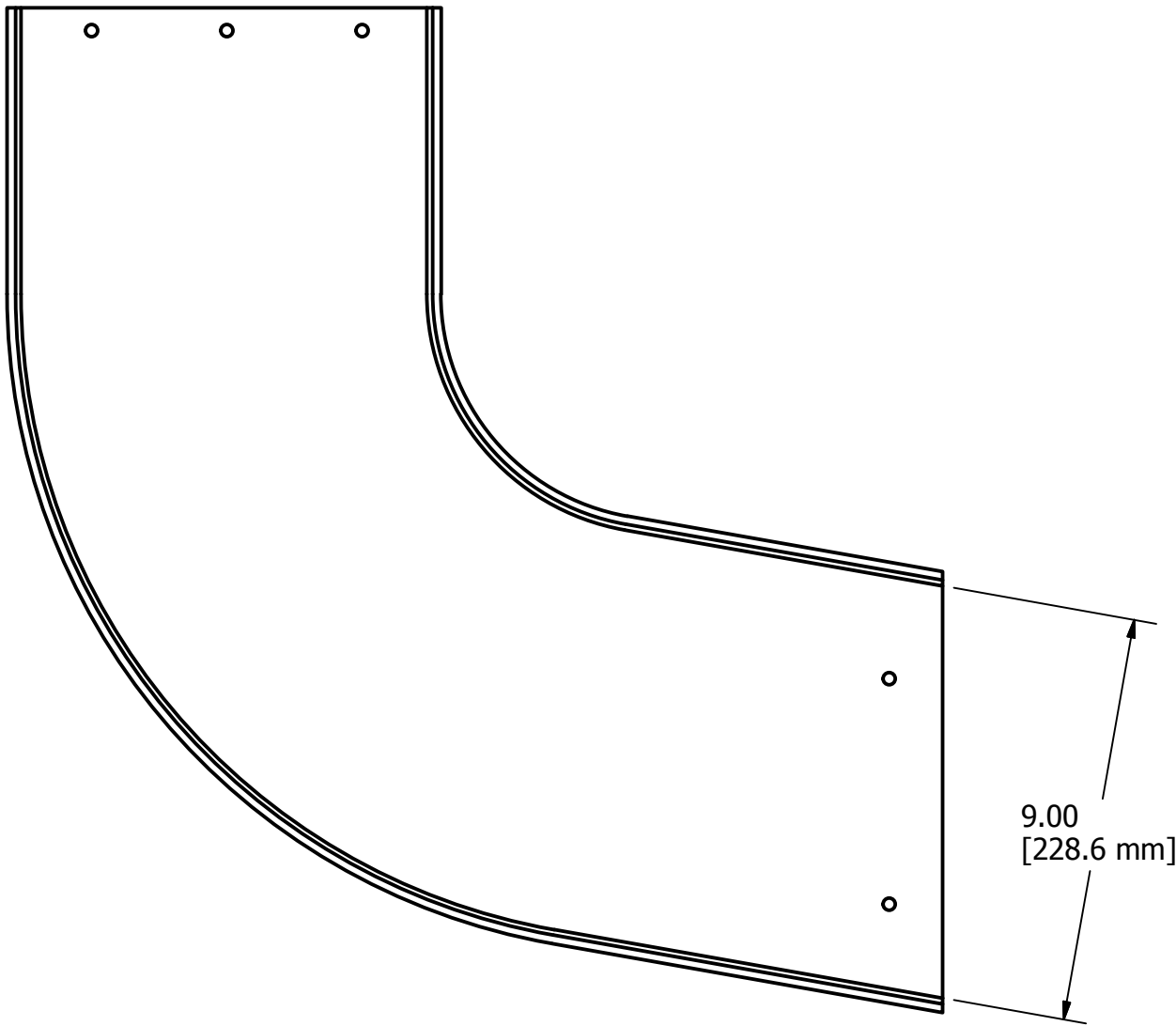
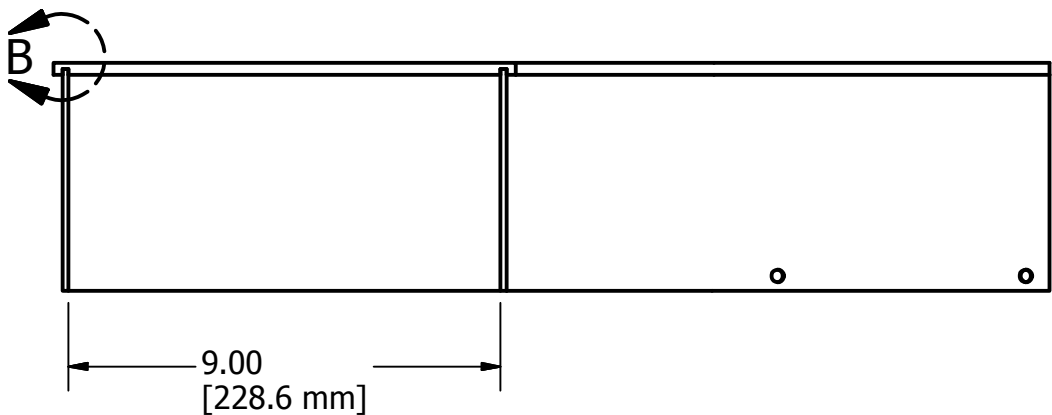
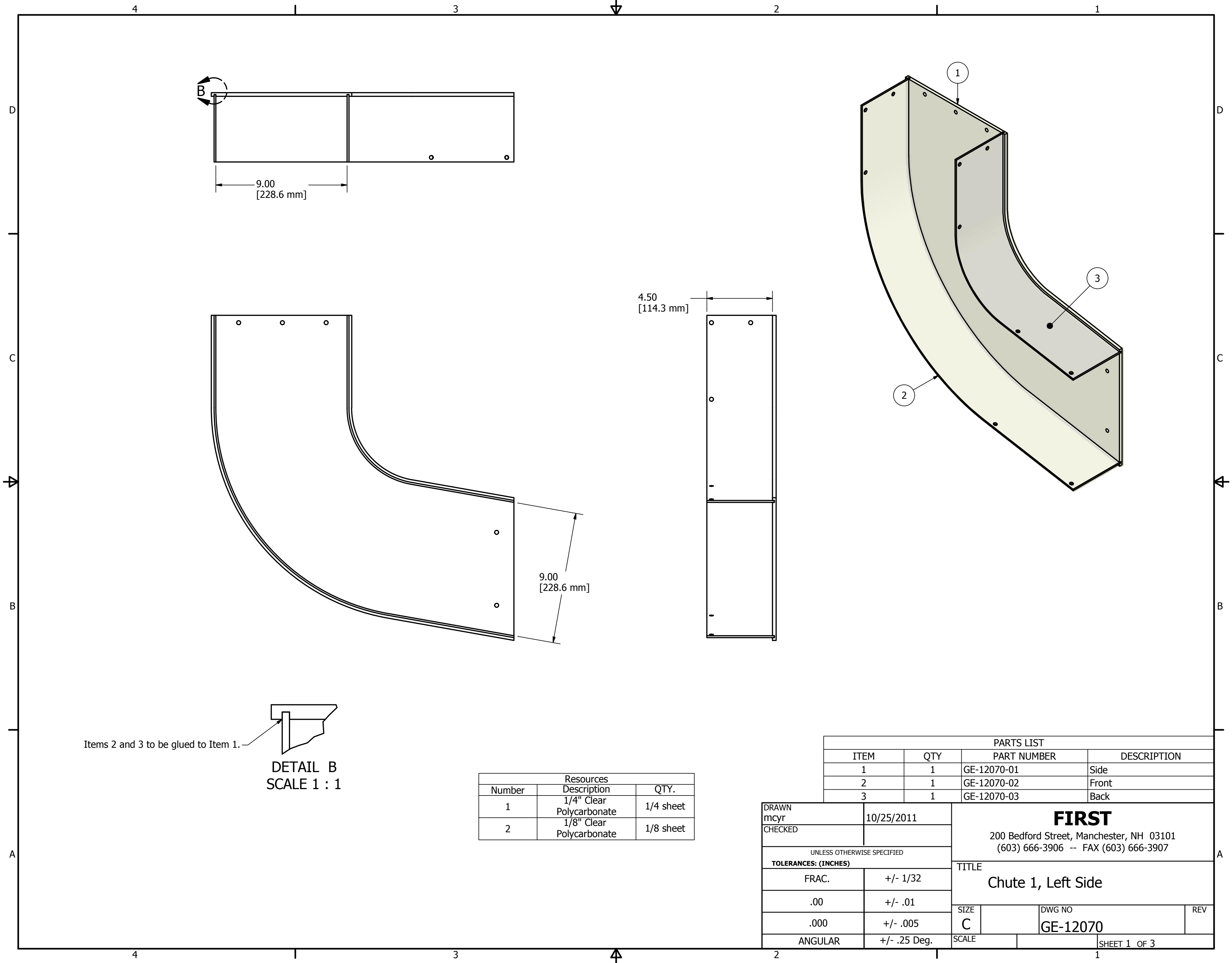


Notes:

1. Steel Leader Cable can be purchased at www.TCHWEB.com. Part Number: #514-2124852. Other flexible cable, rope, or twine can be used if available.

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-12062	Ball Ramp
2	1	GE-12063	Angle, Ball Ramp
3	4	HW-00002	Nut, Lock 1/4-20
4	4	HW-00012	Hex head bolt 1/4-20 x .750"
6	2	HW-00010	Pop Rivet 3/16 Dia.
7	2	HW-00050	Fender Washer, 1/4"
8	2	GE-12064-02	Leader Cable

DRAWN mcyr		11/22/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE <div>Ball Ramp Assembly</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32		SIZE C			
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SCALE		SHEET 1 OF 1	
				DWG NO GE-12064		REV	



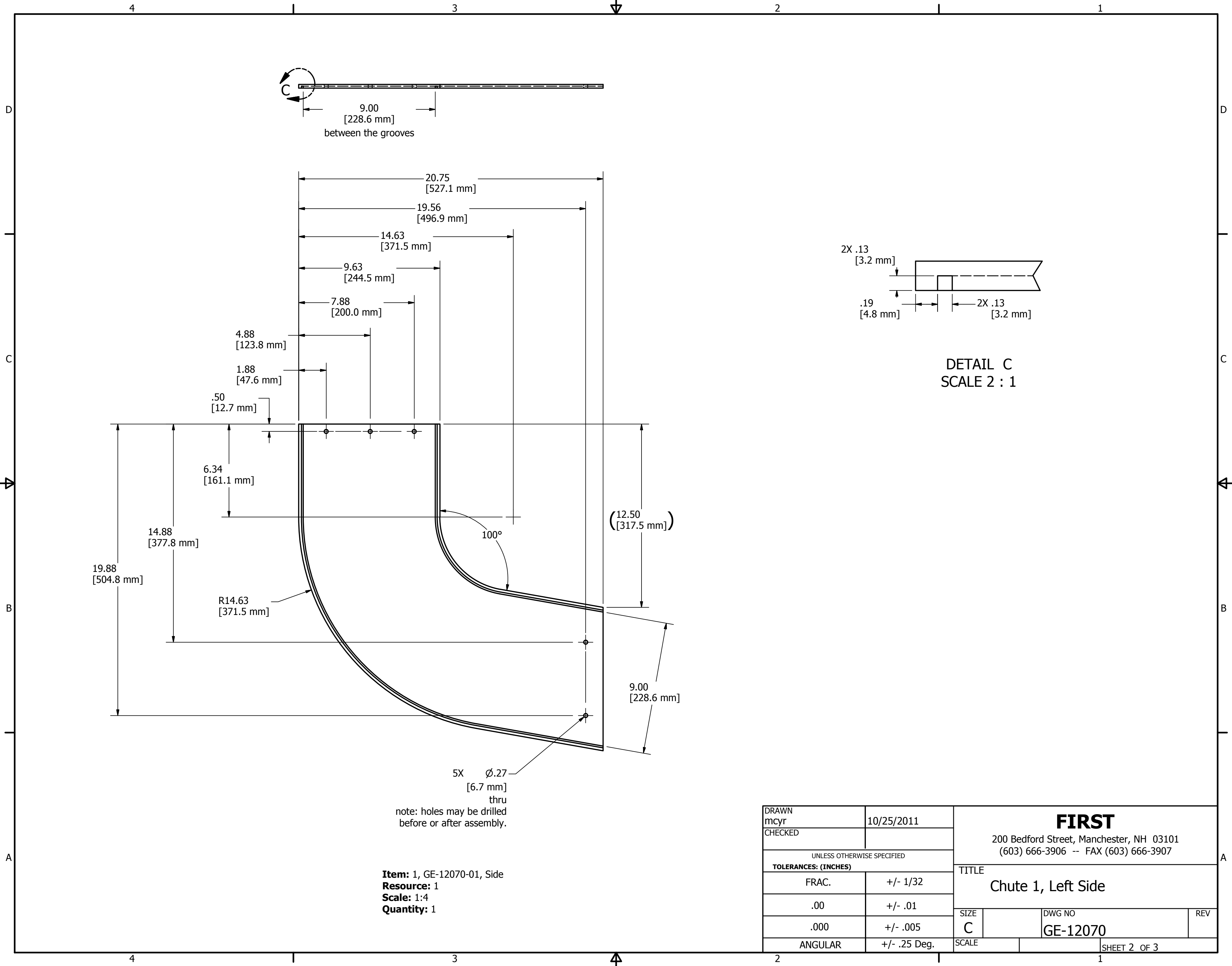
Items 2 and 3 to be glued to Item 1.

DETAIL B
SCALE 1 : 1

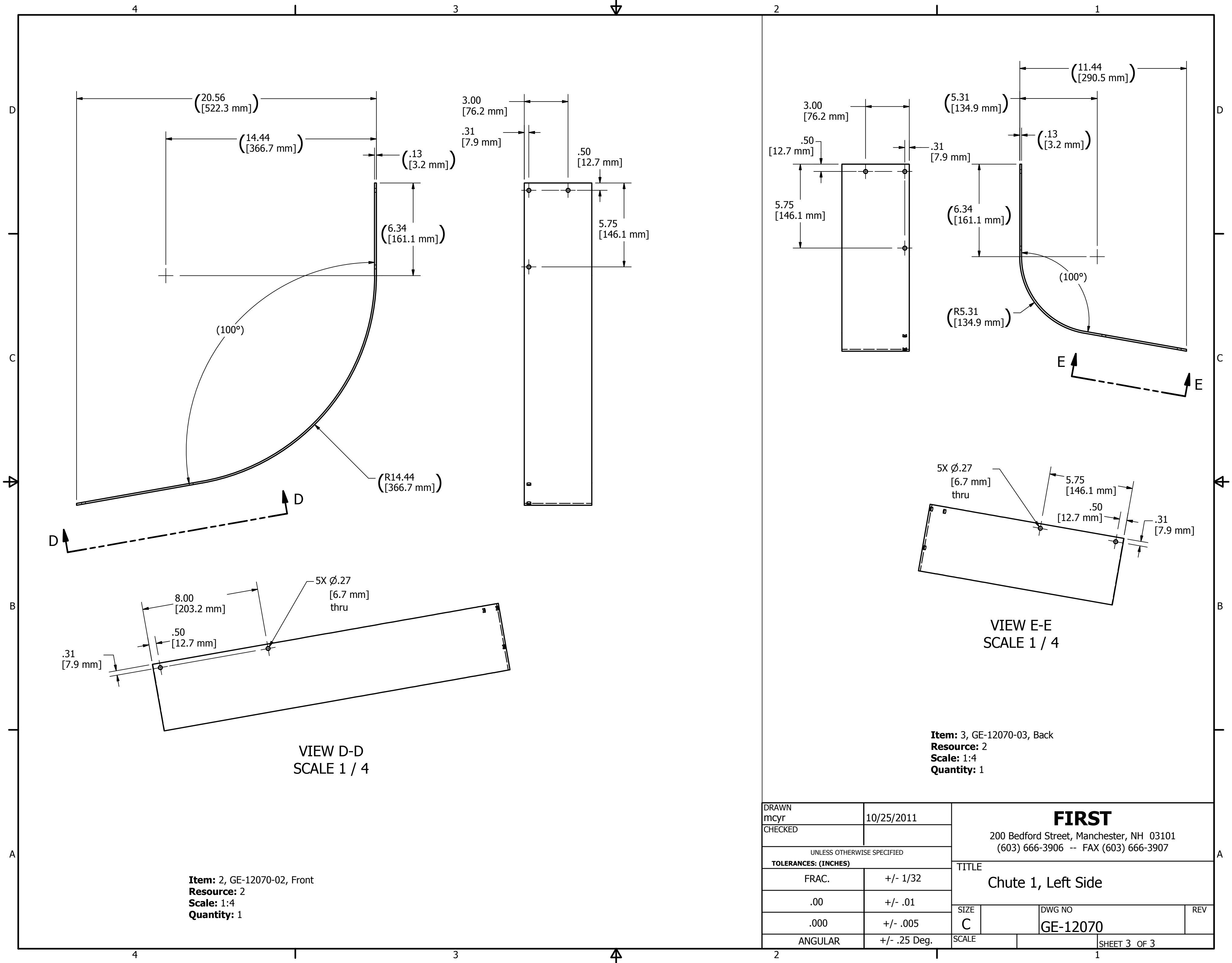
Resources		
Number	Description	QTY.
1	1/4" Clear Polycarbonate	1/4 sheet
2	1/8" Clear Polycarbonate	1/8 sheet

		PARTS LIST		
ITEM		QTY	PART NUMBER	DESCRIPTION
1		1	GE-12070-01	Side
2		1	GE-12070-02	Front
3		1	GE-12070-03	Back

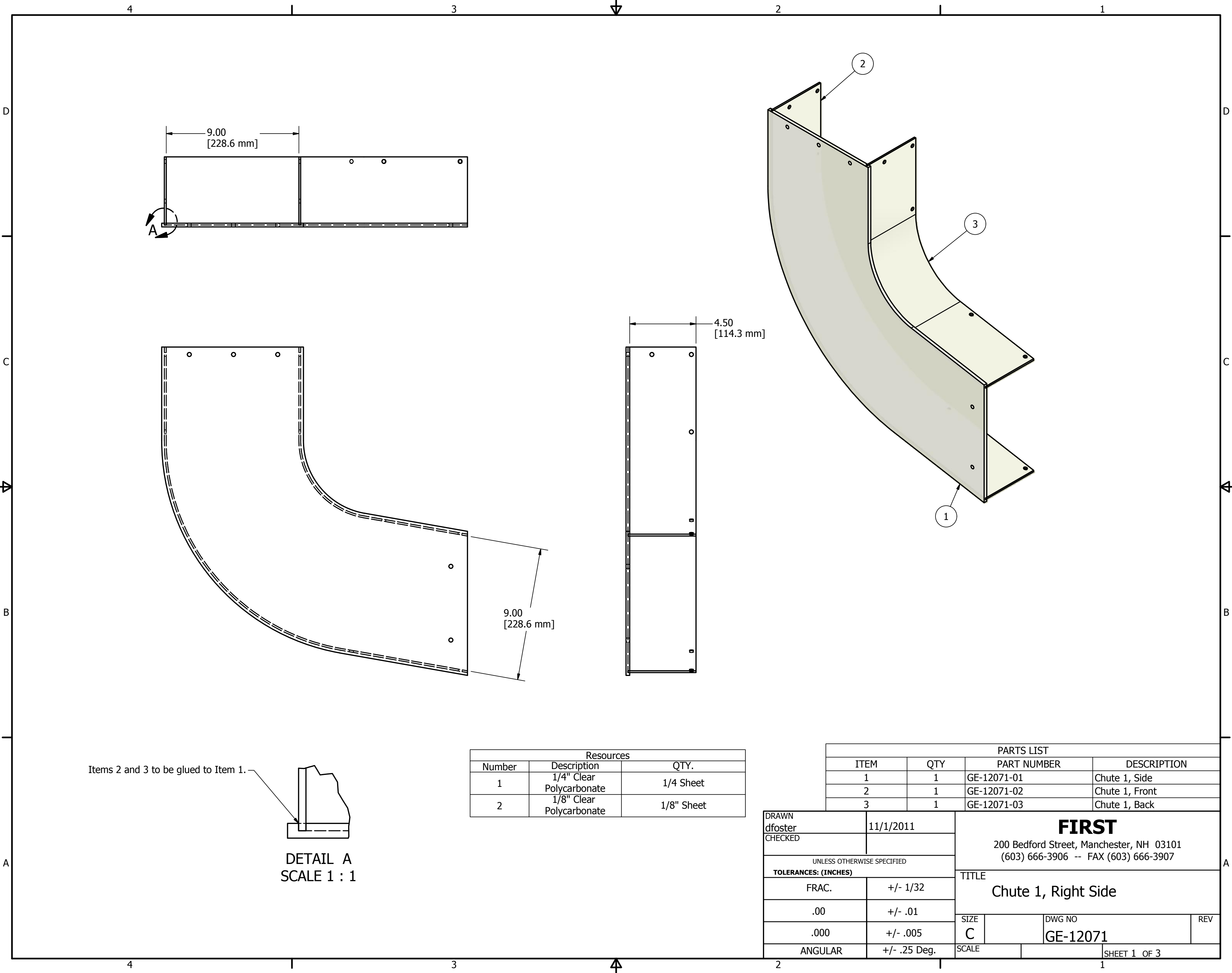
DRAWN mcy		10/25/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>		
CHECKED						
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Chute 1, Left Side</div>		
TOLERANCES: (INCHES)						
FRAC.		+/- 1/32				
.00		+/- .01				
.000		+/- .005		SIZE	DWG NO	REV
ANGULAR		+/- .25 Deg.		C	GE-12070	
				SCALE		SHEET 1 OF 3



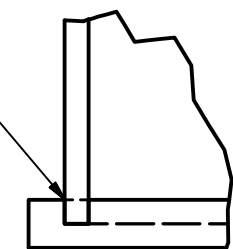
DRAWN mcyr	10/25/2011	FIRST 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)		TITLE Chute 1, Left Side		
FRAC.	+/- 1/32	SIZE C	DWG NO GE-12070	REV
.00	+/- .01			
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SCALE	SHEET 2 OF 3	



DRAWN mcyr	10/25/2011	<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED					
UNLESS OTHERWISE SPECIFIED		TITLE <div>Chute 1, Left Side</div>			
TOLERANCES: (INCHES)					
FRAC.	+/- 1/32	SIZE	DWG NO		REV
.00	+/- .01	C	GE-12070		
.000	+/- .005	SCALE	SHEET 3 OF 3		
ANGULAR	+/- .25 Deg.				



Items 2 and 3 to be glued to Item 1.

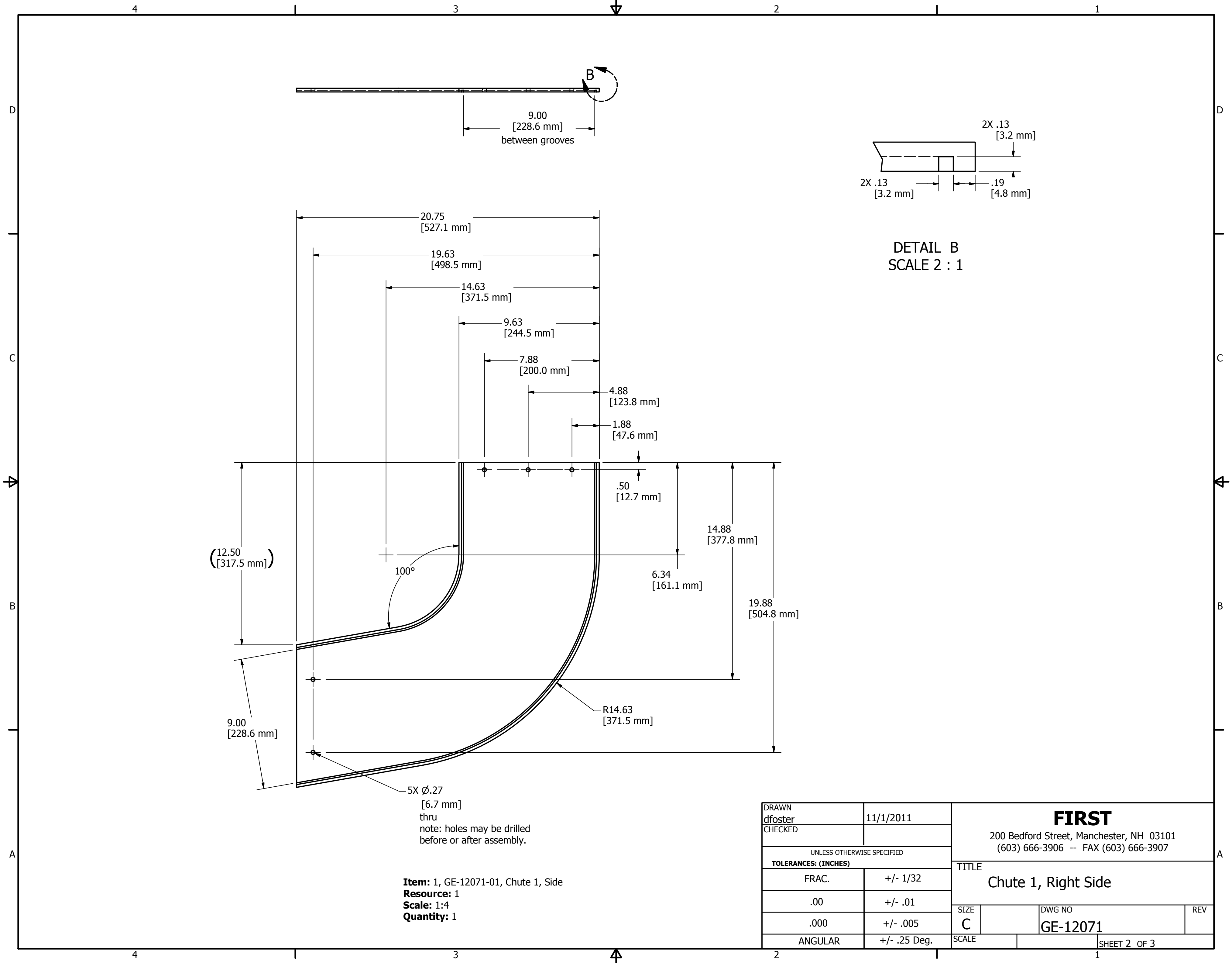


DETAIL A
SCALE 1 : 1

Resources		
Number	Description	QTY.
1	1/4" Clear Polycarbonate	1/4 Sheet
2	1/8" Clear Polycarbonate	1/8" Sheet

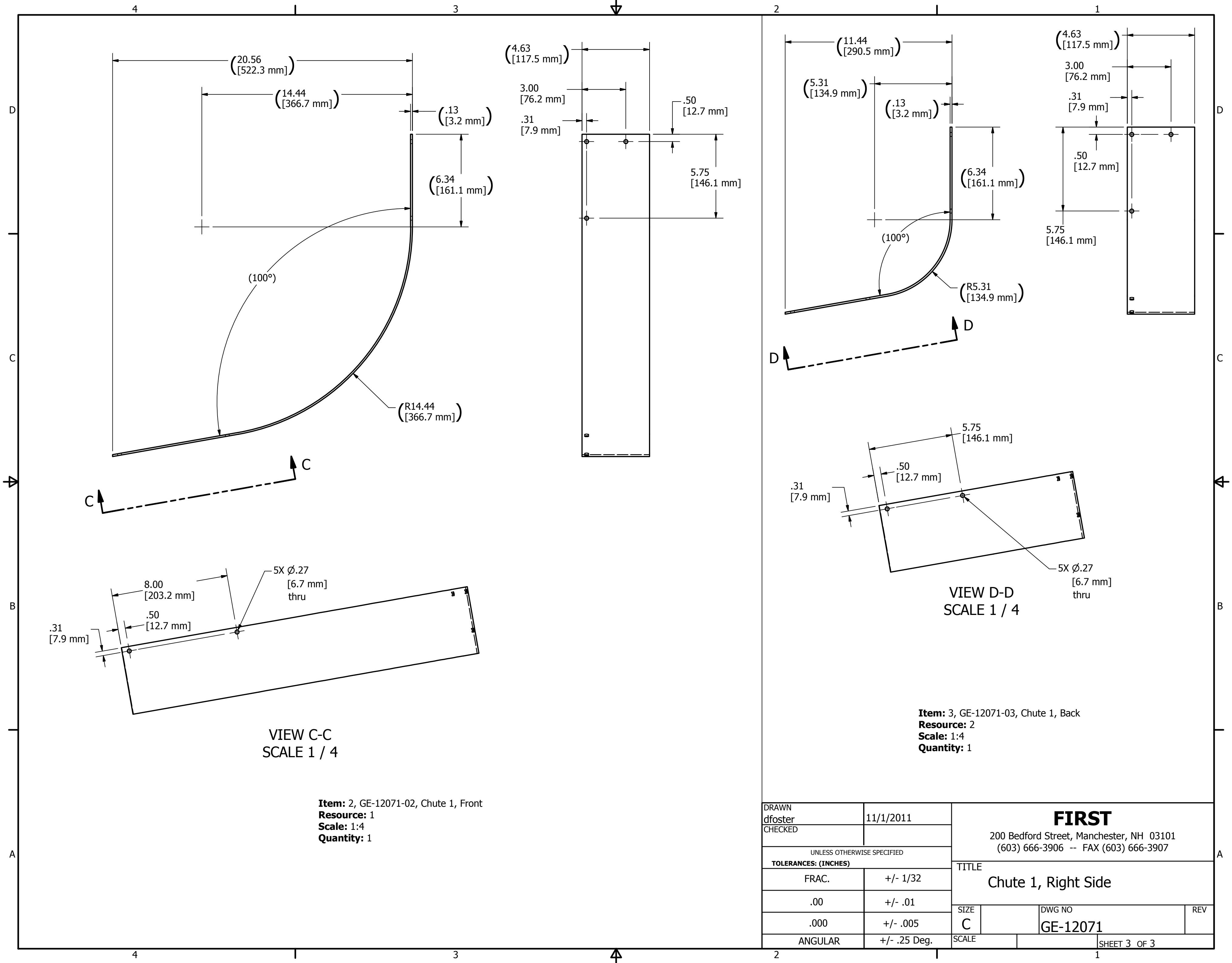
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-12071-01	Chute 1, Side
2	1	GE-12071-02	Chute 1, Front
3	1	GE-12071-03	Chute 1, Back

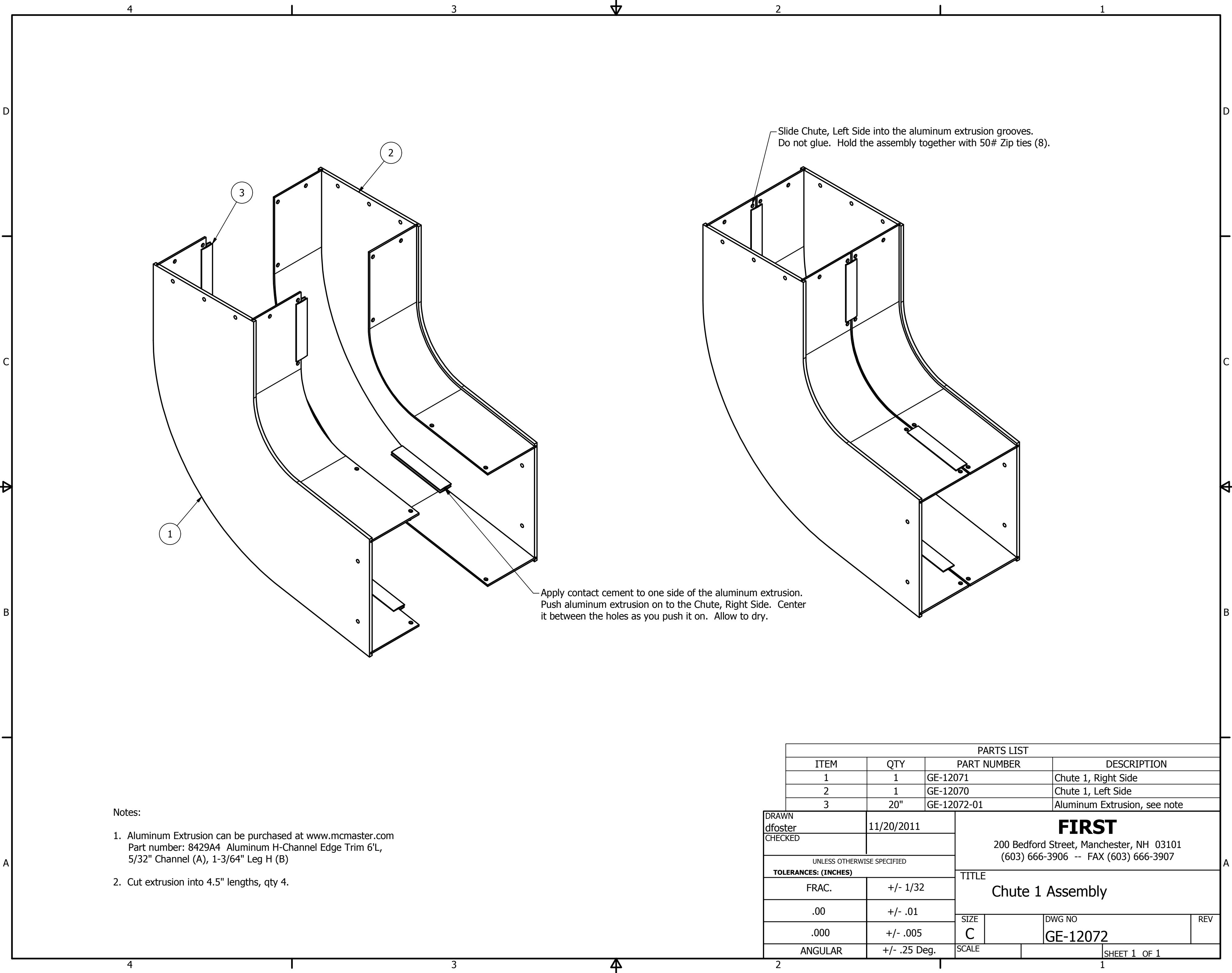
DRAWN dfoster		11/1/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE <div>Chute 1, Right Side</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32		SIZE C			
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SCALE		DWG NO GE-12071	
						REV	
						SHEET 1 OF 3	



Item: 1, GE-12071-01, Chute 1, Side
Resource: 1
Scale: 1:4
Quantity: 1

DRAWN dfoster CHECKED	11/1/2011	FIRST 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)		TITLE Chute 1, Right Side		
FRAC.	+/- 1/32	SIZE C	DWG NO GE-12071	REV
.00	+/- .01			
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SCALE	SHEET 2 OF 3	



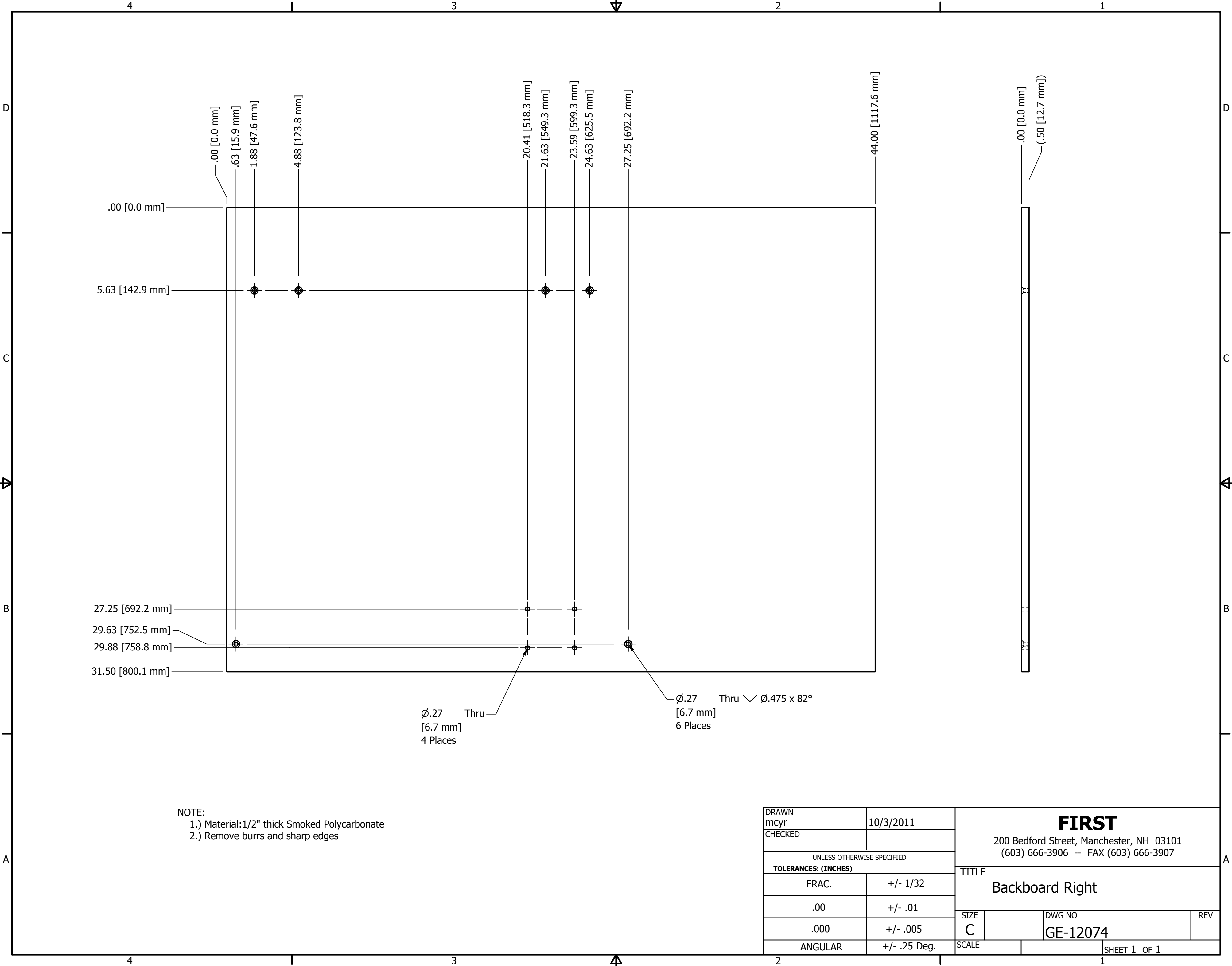


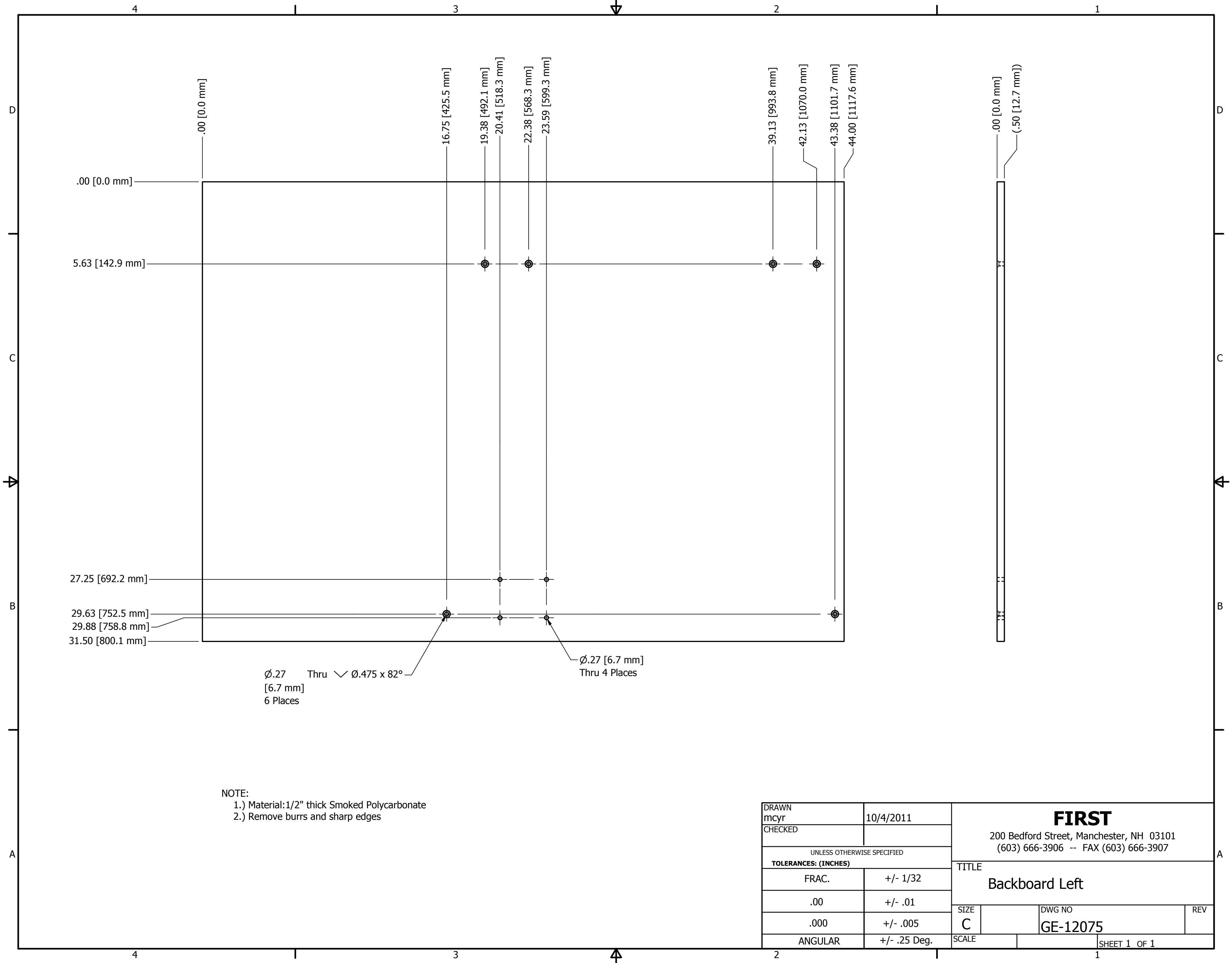
Notes:

1. Aluminum Extrusion can be purchased at www.mcmaster.com
Part number: 8429A4 Aluminum H-Channel Edge Trim 6'L,
5/32" Channel (A), 1-3/64" Leg H (B)
2. Cut extrusion into 4.5" lengths, qty 4.

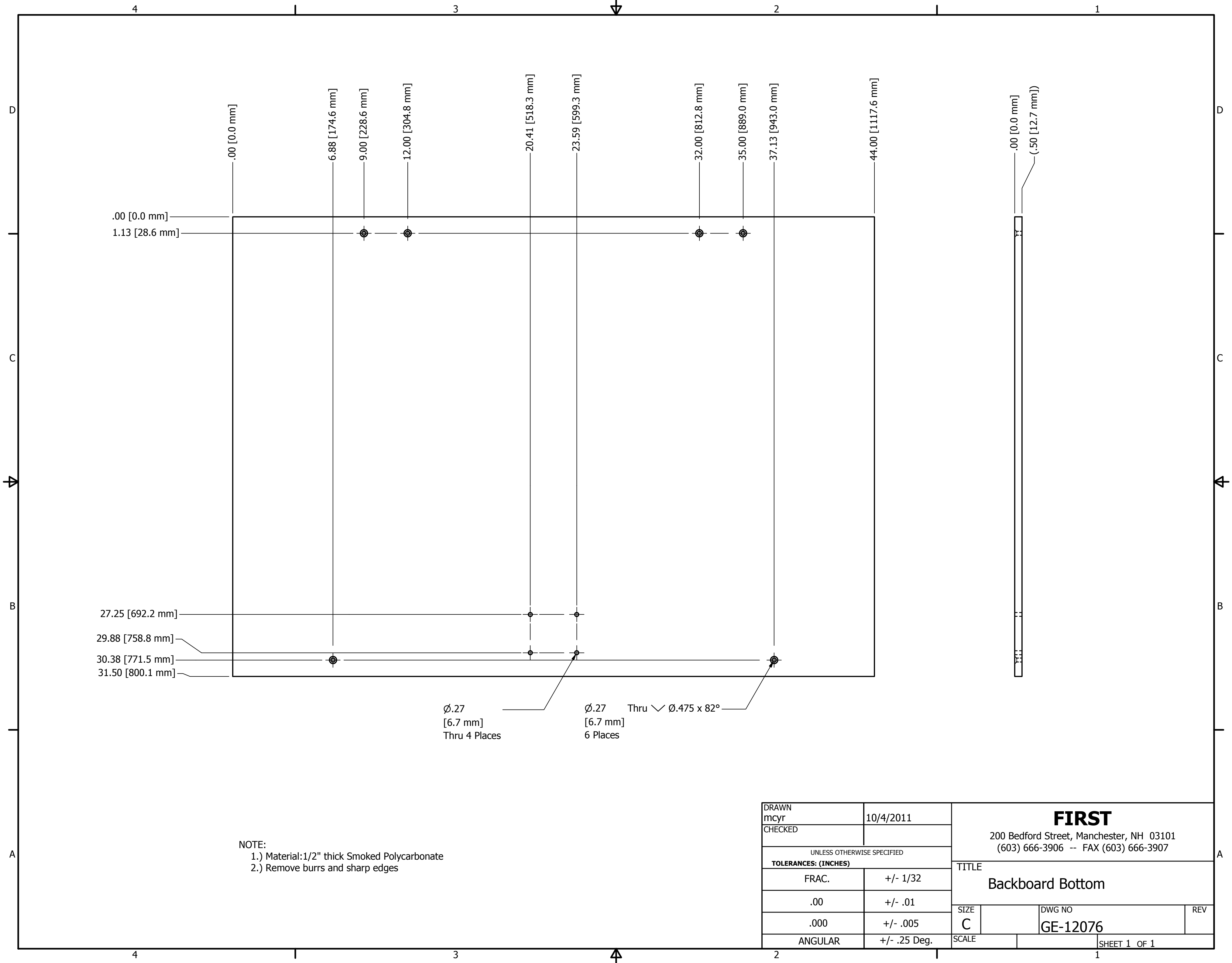
PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	GE-12071	Chute 1, Right Side	
2	1	GE-12070	Chute 1, Left Side	
3	20"	GE-12072-01	Aluminum Extrusion, see note	

DRAWN dfoster		11/20/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>	
CHECKED					
UNLESS OTHERWISE SPECIFIED		TITLE <div>Chute 1 Assembly</div>			
TOLERANCES: (INCHES)					
FRAC.	+/- 1/32	SIZE		DWG NO	REV
.00	+/- .01	C		GE-12072	
.000	+/- .005	SCALE			
ANGULAR	+/- .25 Deg.			SHEET 1 OF 1	



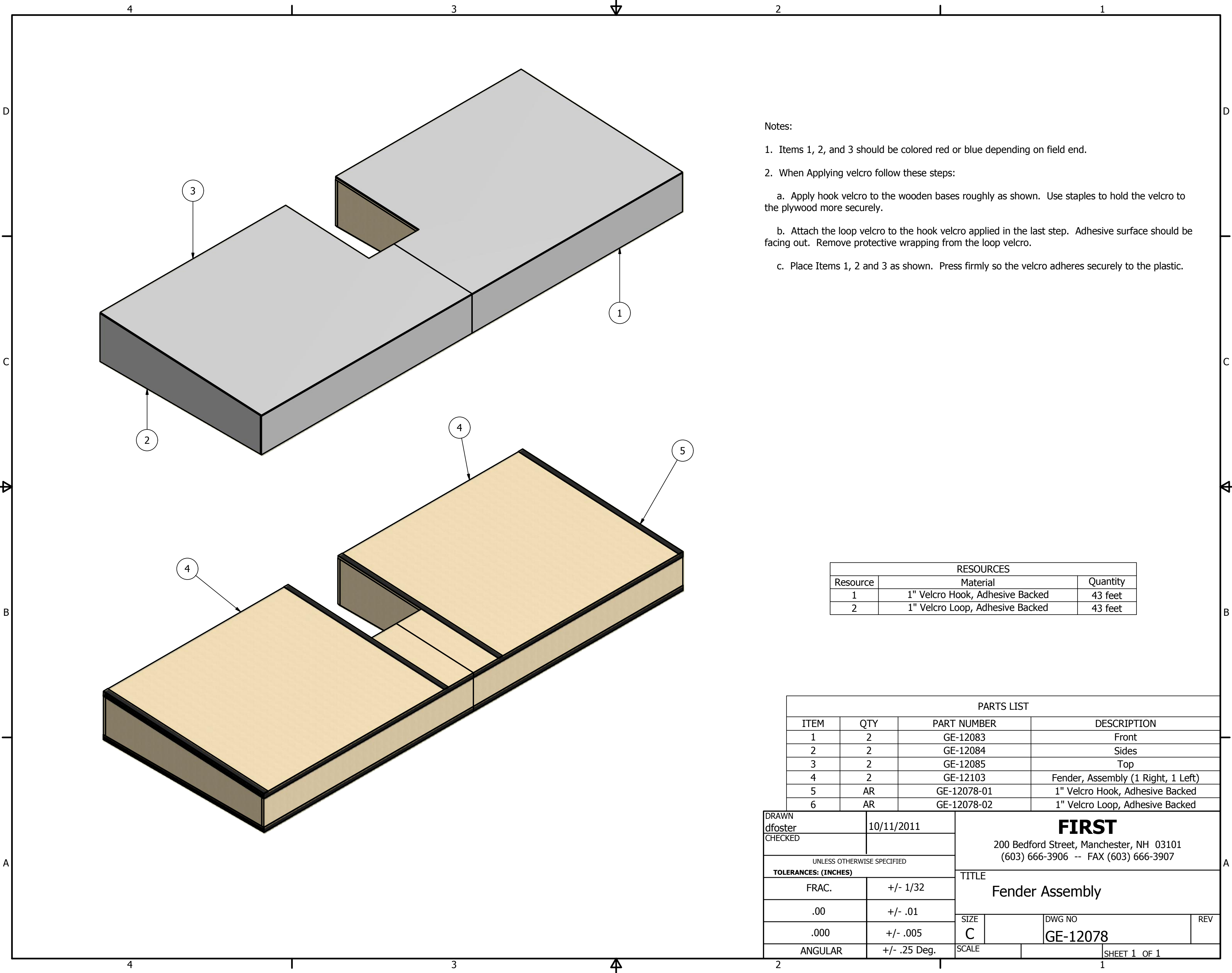


DRAWN mcyr CHECKED	10/4/2011	FIRST 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)		TITLE Backboard Left		
FRAC.	+/- 1/32			
.00	+/- .01	SIZE C	DWG NO GE-12075	REV
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SCALE	SHEET 1 OF 1	



NOTE:
1.) Material: 1/2" thick Smoked Polycarbonate
2.) Remove burrs and sharp edges

DRAWN mcyr	10/4/2011	FIRST 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
CHECKED				
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)		TITLE Backboard Bottom		
FRAC.	+/- 1/32			
.00	+/- .01	SIZE C	DWG NO GE-12076	REV
.000	+/- .005	SHEET 1 OF 1		
ANGULAR	+/- .25 Deg.			

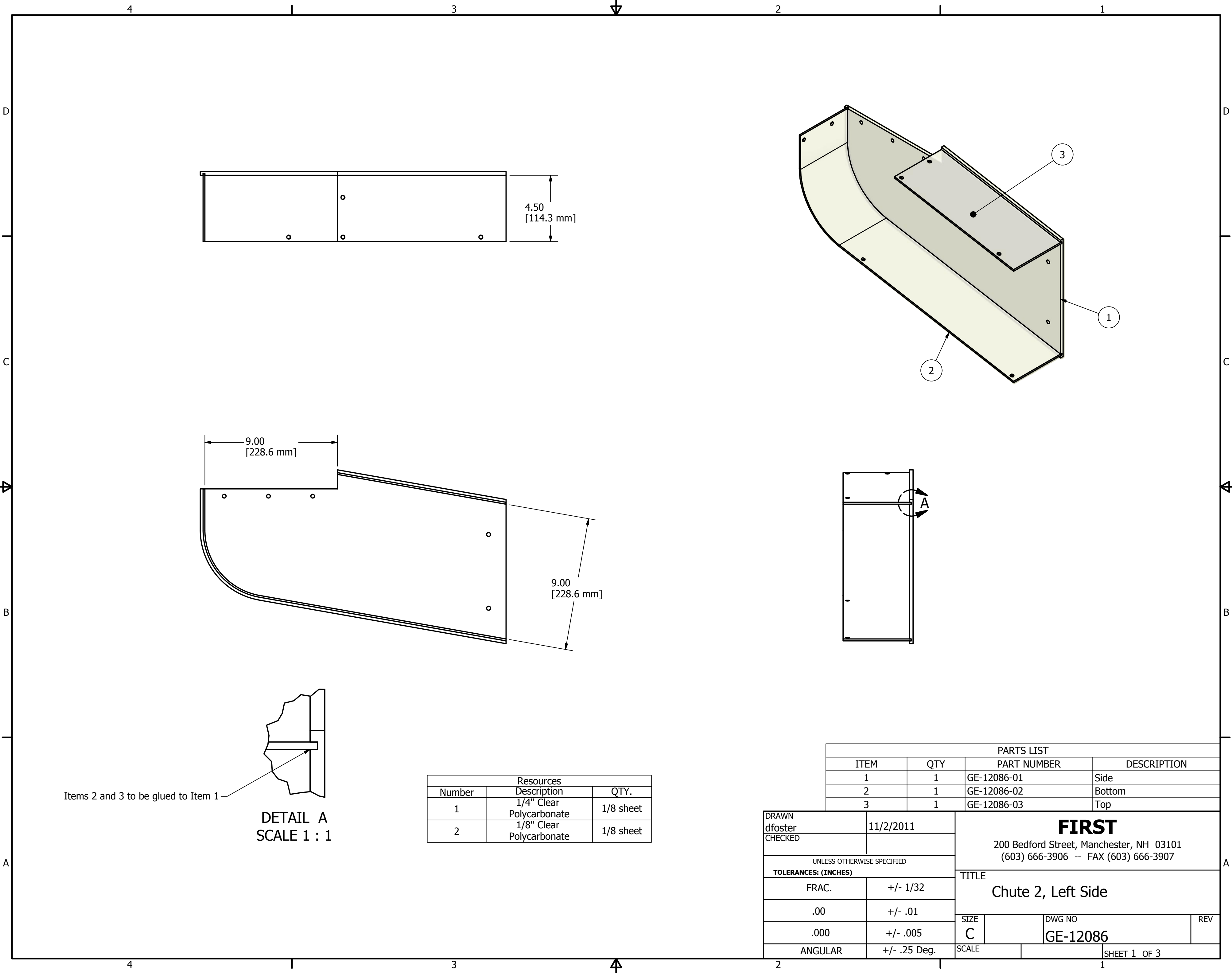


- Notes:
- Items 1, 2, and 3 should be colored red or blue depending on field end.
 - When Applying velcro follow these steps:
 - Apply hook velcro to the wooden bases roughly as shown. Use staples to hold the velcro to the plywood more securely.
 - Attach the loop velcro to the hook velcro applied in the last step. Adhesive surface should be facing out. Remove protective wrapping from the loop velcro.
 - Place Items 1, 2 and 3 as shown. Press firmly so the velcro adheres securely to the plastic.

RESOURCES		
Resource	Material	Quantity
1	1" Velcro Hook, Adhesive Backed	43 feet
2	1" Velcro Loop, Adhesive Backed	43 feet

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	GE-12083	Front
2	2	GE-12084	Sides
3	2	GE-12085	Top
4	2	GE-12103	Fender, Assembly (1 Right, 1 Left)
5	AR	GE-12078-01	1" Velcro Hook, Adhesive Backed
6	AR	GE-12078-02	1" Velcro Loop, Adhesive Backed

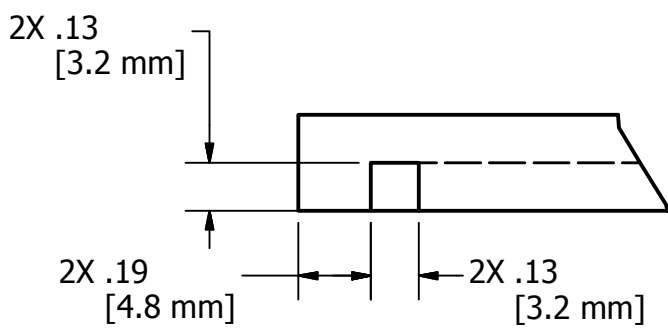
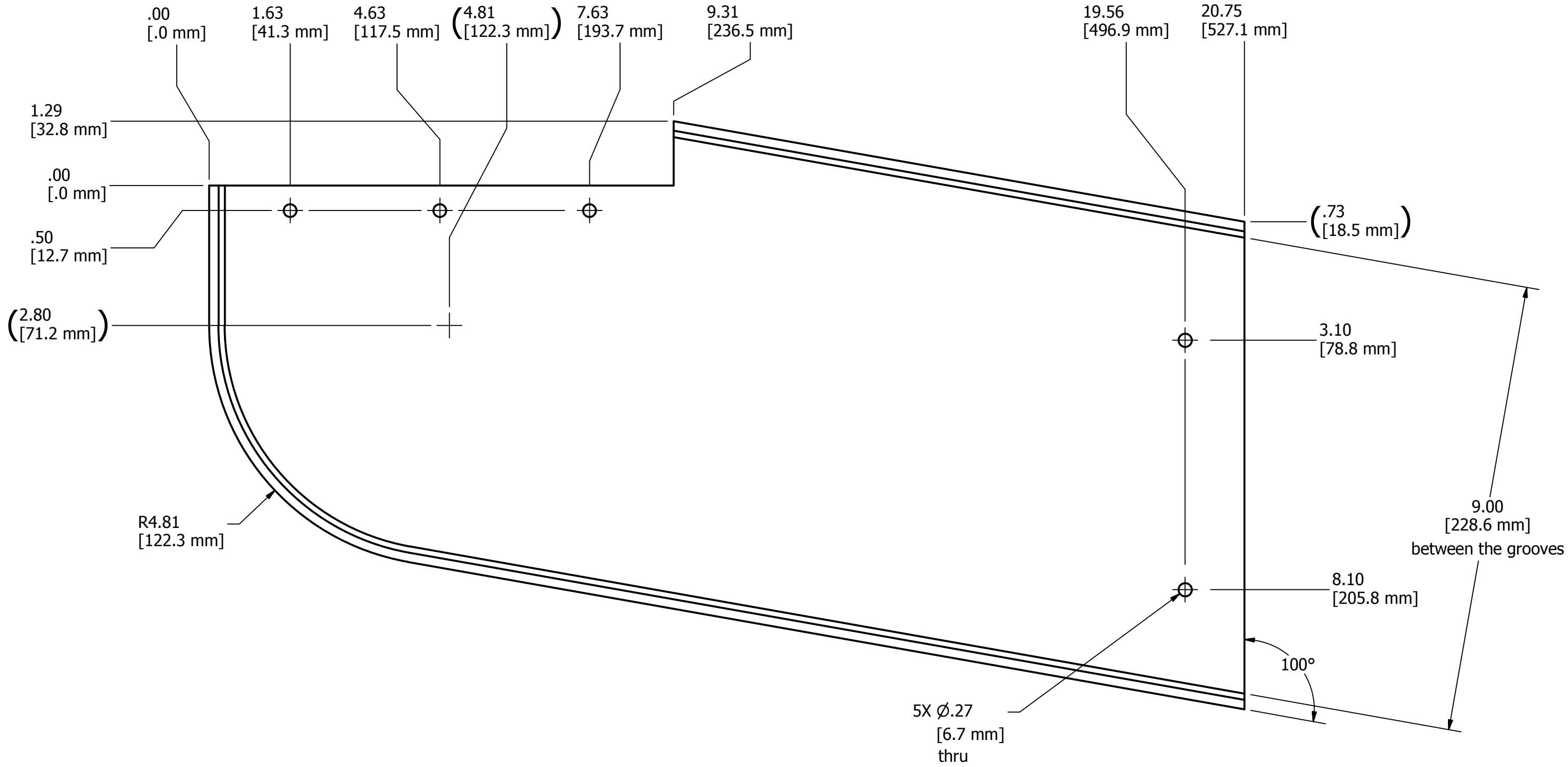
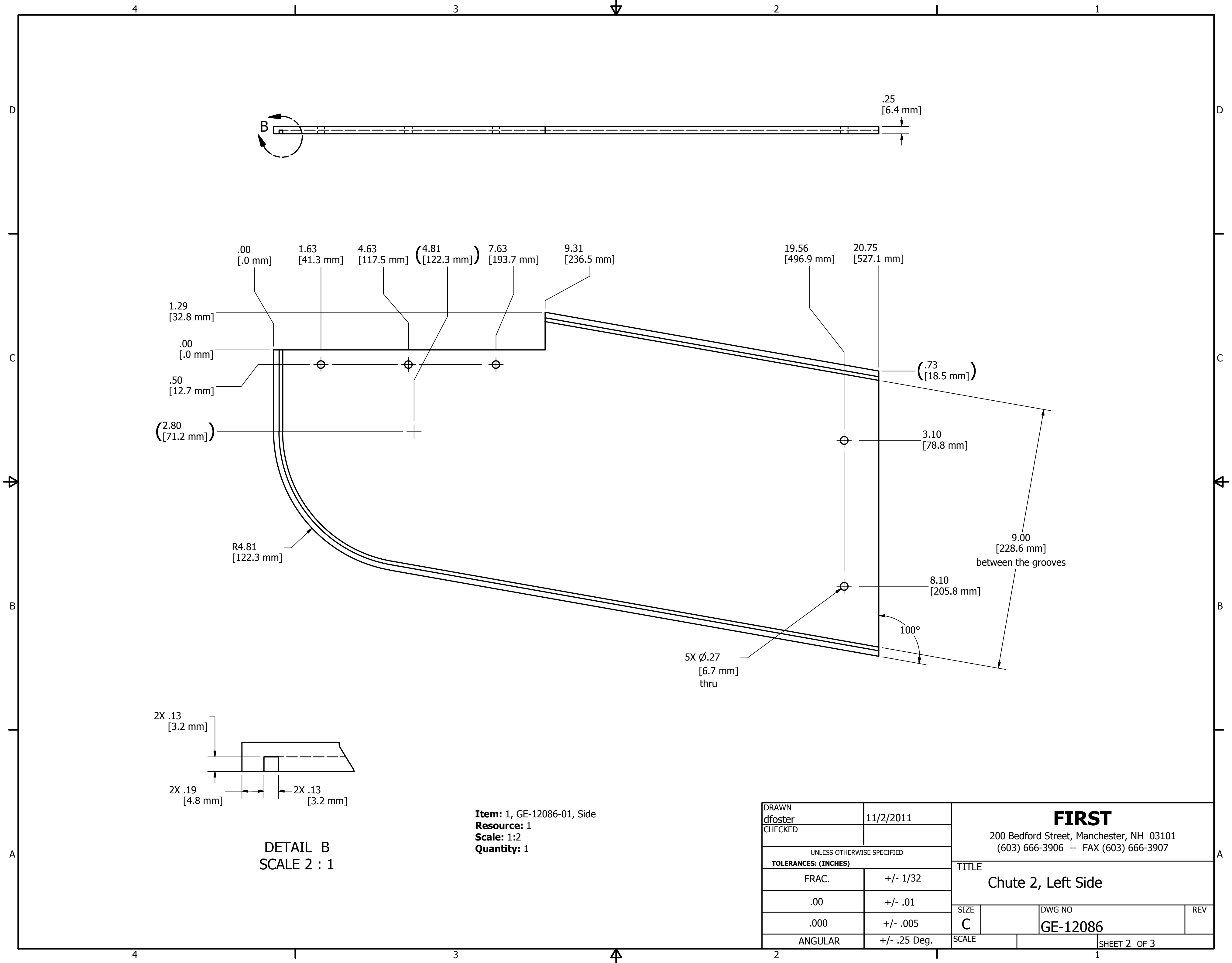
DRAWN dfoster		10/11/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Fender Assembly</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-12078	
				SCALE			SHEET 1 OF 1



Resources		
Number	Description	QTY.
1	1/4" Clear Polycarbonate	1/8 sheet
2	1/8" Clear Polycarbonate	1/8 sheet

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-12086-01	Side
2	1	GE-12086-02	Bottom
3	1	GE-12086-03	Top

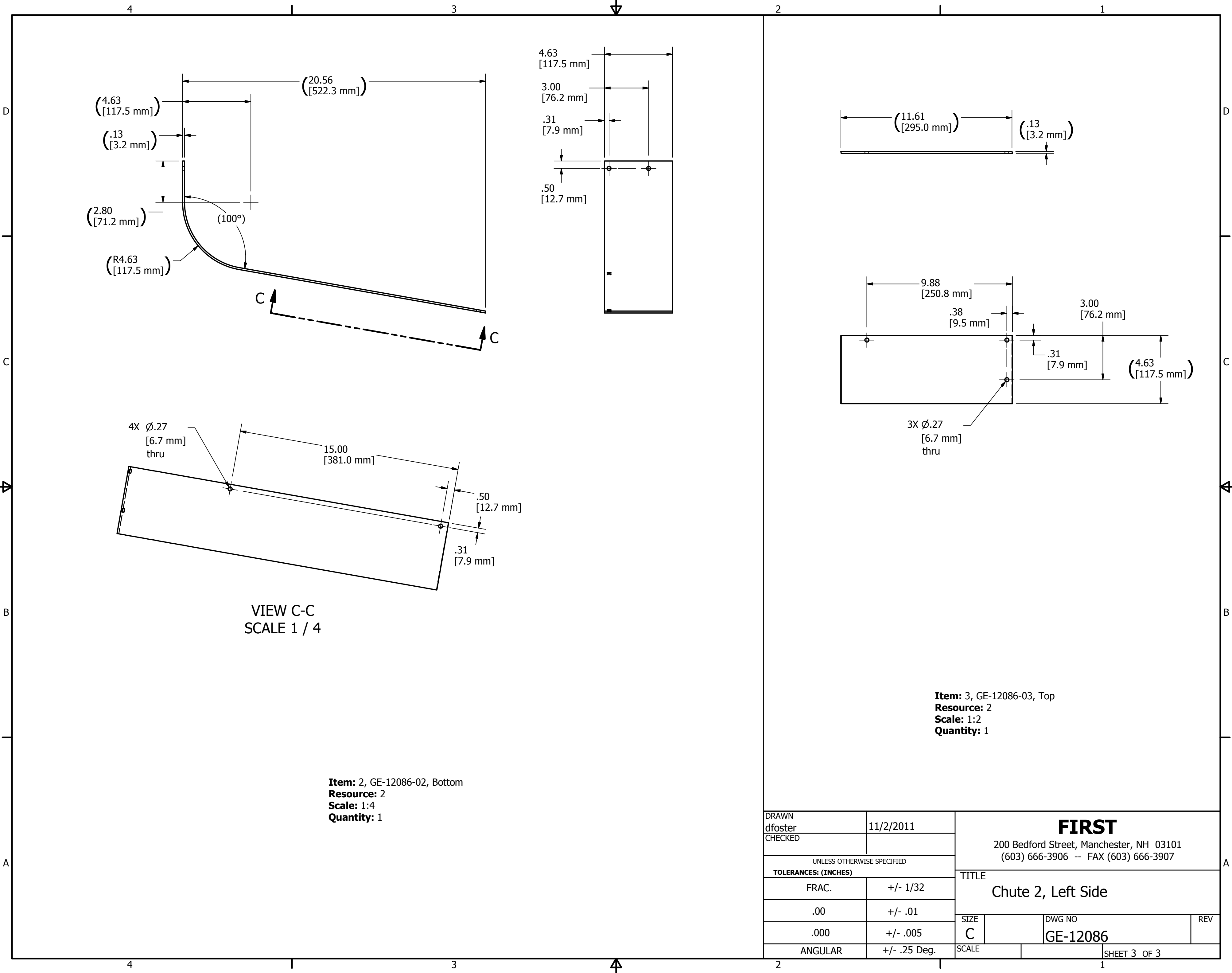
DRAWN dfoster		11/2/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Chute 2, Left Side</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-12086	
				SCALE			SHEET 1 OF 3

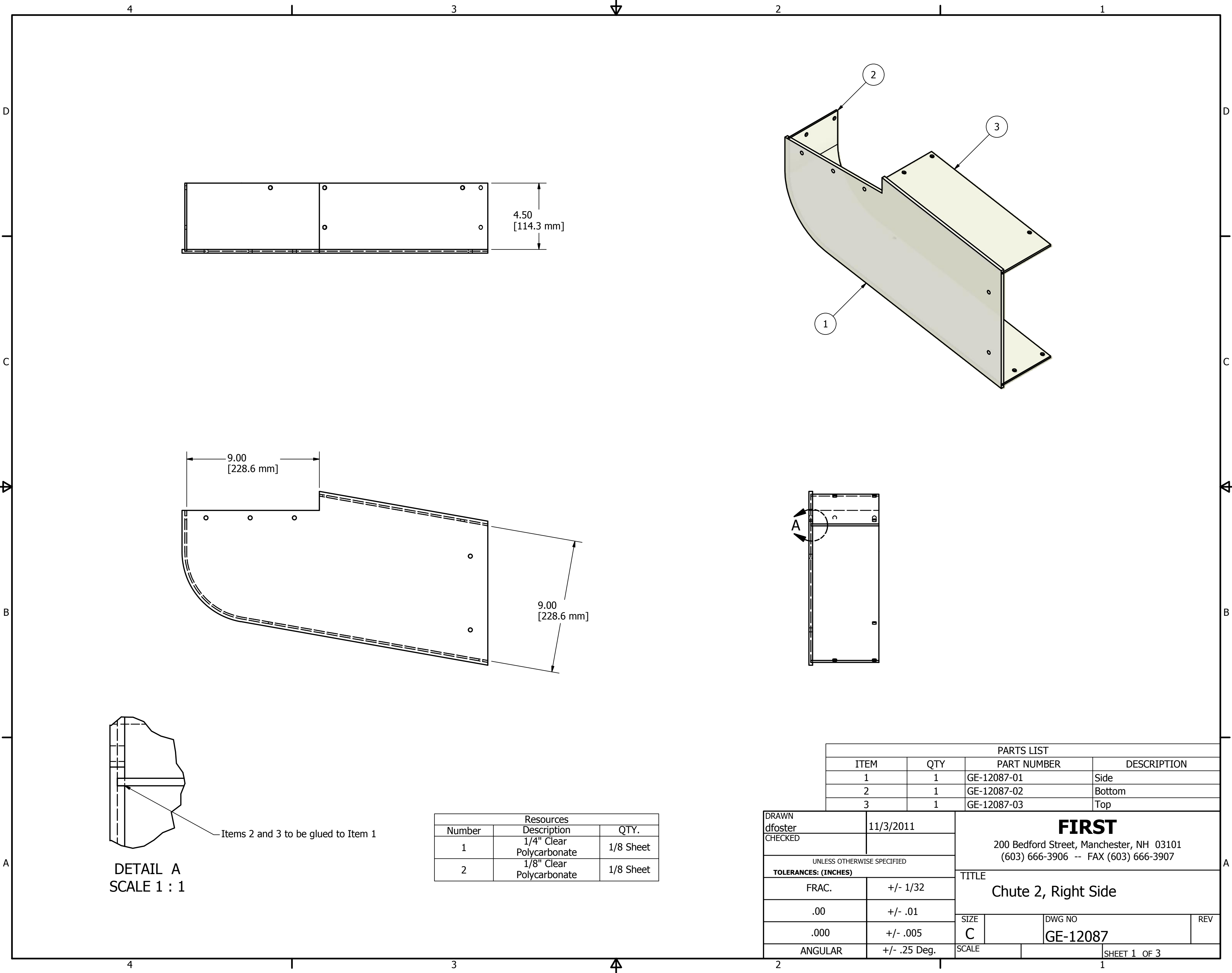


DETAIL B
SCALE 2 : 1

Item: 1, GE-12086-01, Side
Resource: 1
Scale: 1:2
Quantity: 1

DRAWN dfoster		11/2/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)				<div>TITLE</div> <div>Chute 2, Left Side</div>			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-12086	
				SCALE		SHEET 2 OF 3	



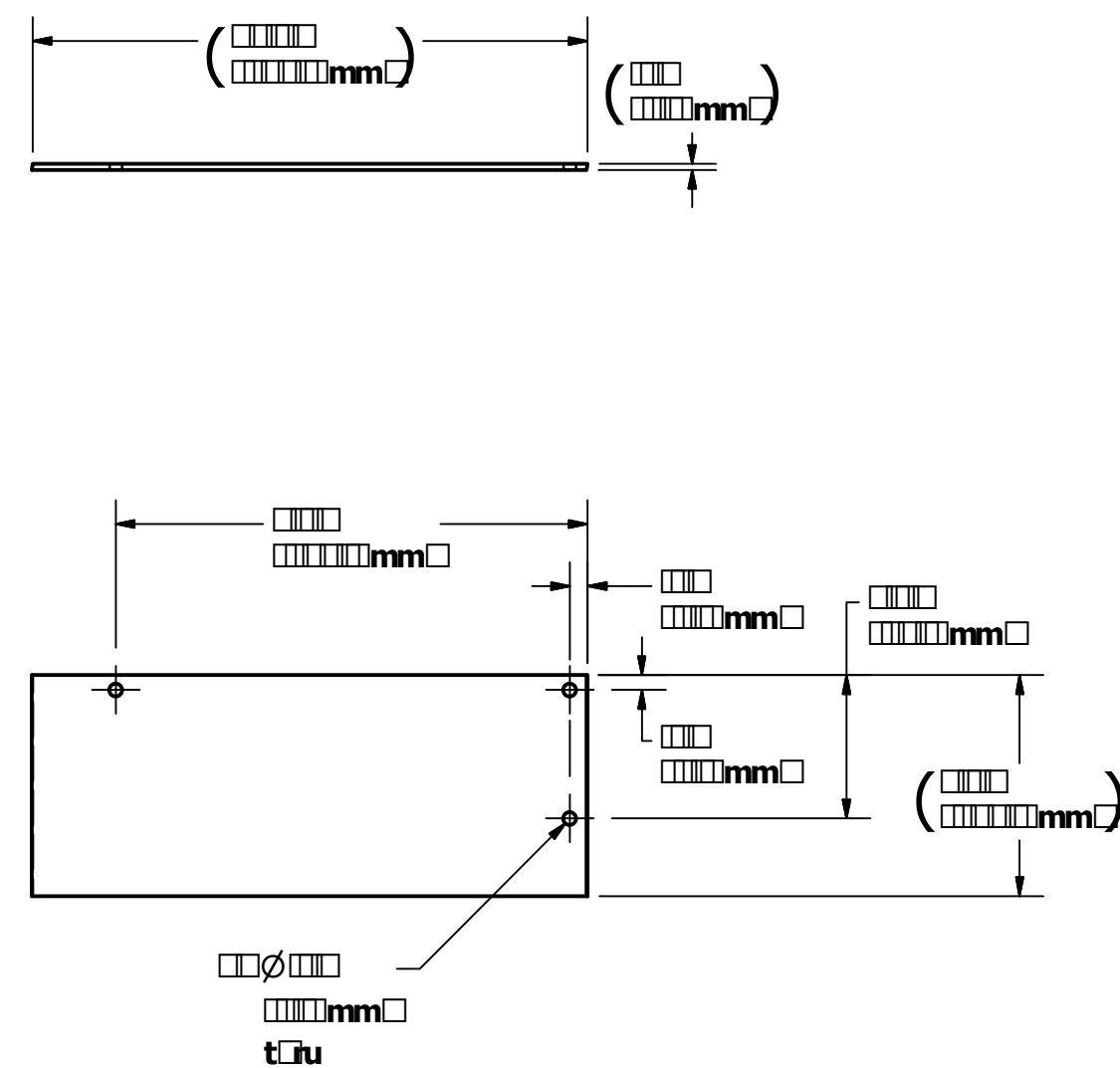
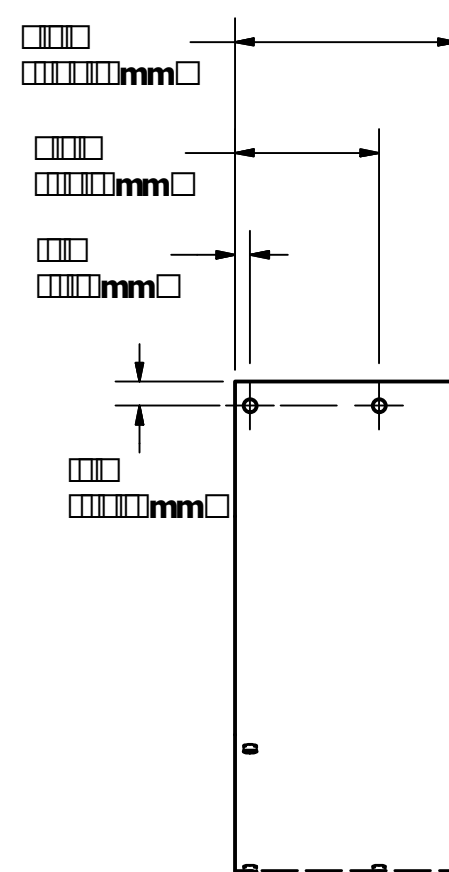


DETAIL A
SCALE 1 : 1

Resources		
Number	Description	QTY.
1	1/4" Clear Polycarbonate	1/8 Sheet
2	1/8" Clear Polycarbonate	1/8 Sheet

		PARTS LIST		
ITEM		QTY	PART NUMBER	DESCRIPTION
1		1	GE-12087-01	Side
2		1	GE-12087-02	Bottom
3		1	GE-12087-03	Top

DRAWN dfoster		11/3/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>	
CHECKED					
UNLESS OTHERWISE SPECIFIED				TITLE <div>Chute 2, Right Side</div>	
TOLERANCES: (INCHES)					
FRAC.		+/- 1/32		SIZE C	
.00		+/- .01			
.000		+/- .005		DWG NO GE-12087	
ANGULAR		+/- .25 Deg.		SCALE	
				SHEET 1 OF 3	



Item: ☐ ☐ ☐ E ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ To ☐

Resource: ☐

Scale: ☐ ☐

Quantity: ☐

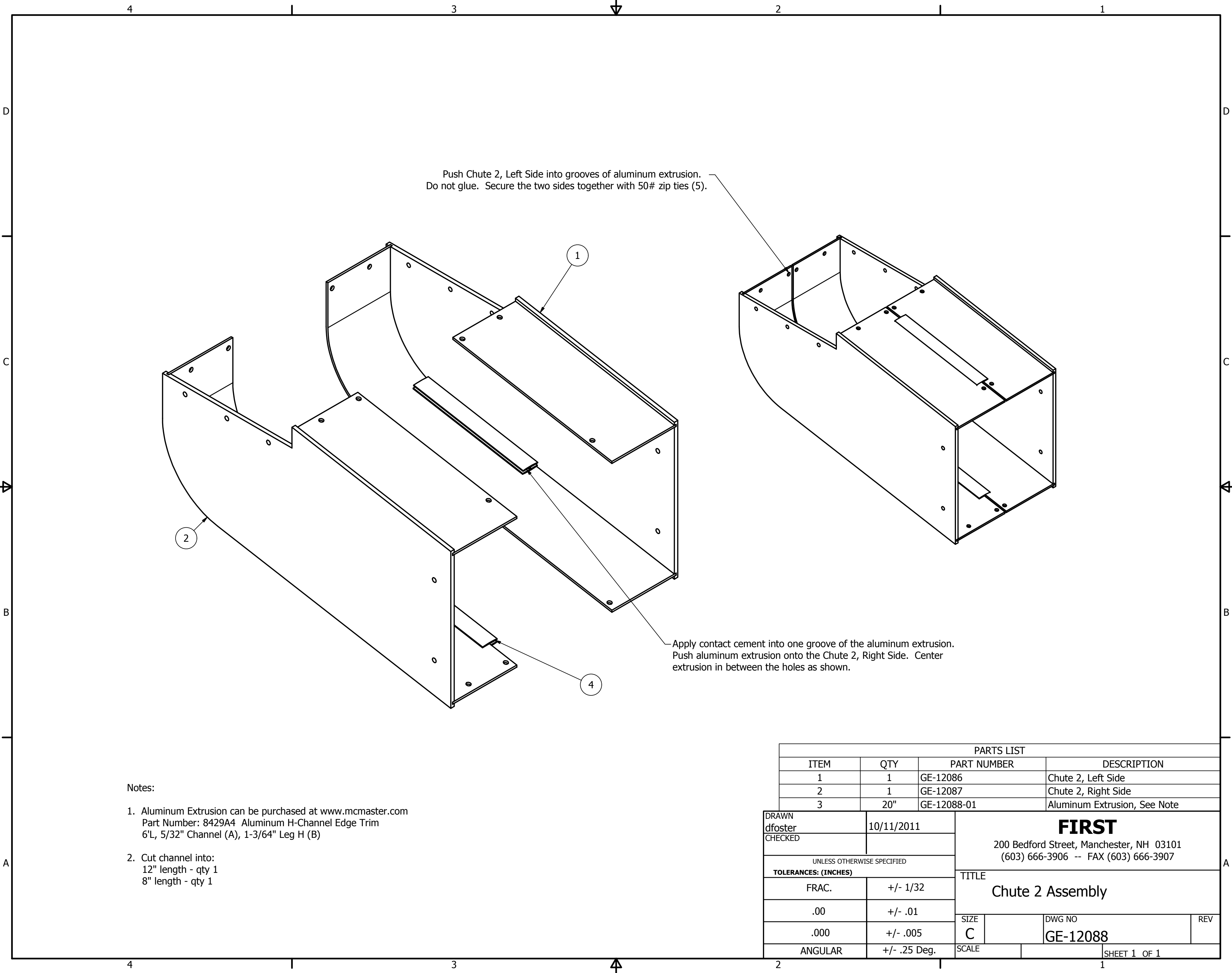
Item: ☐ E ☐ F ☐ G ☐ H ☐ I ☐ J ☐ K ☐ L ☐ M ☐ N ☐ O ☐ P ☐ Q ☐ R ☐ S ☐ T ☐ U ☐ V ☐ W ☐ X ☐ Y ☐ Z ☐ Other

Resource: ☐

Scale: ☐ A ☐ B

Quantity: ☐

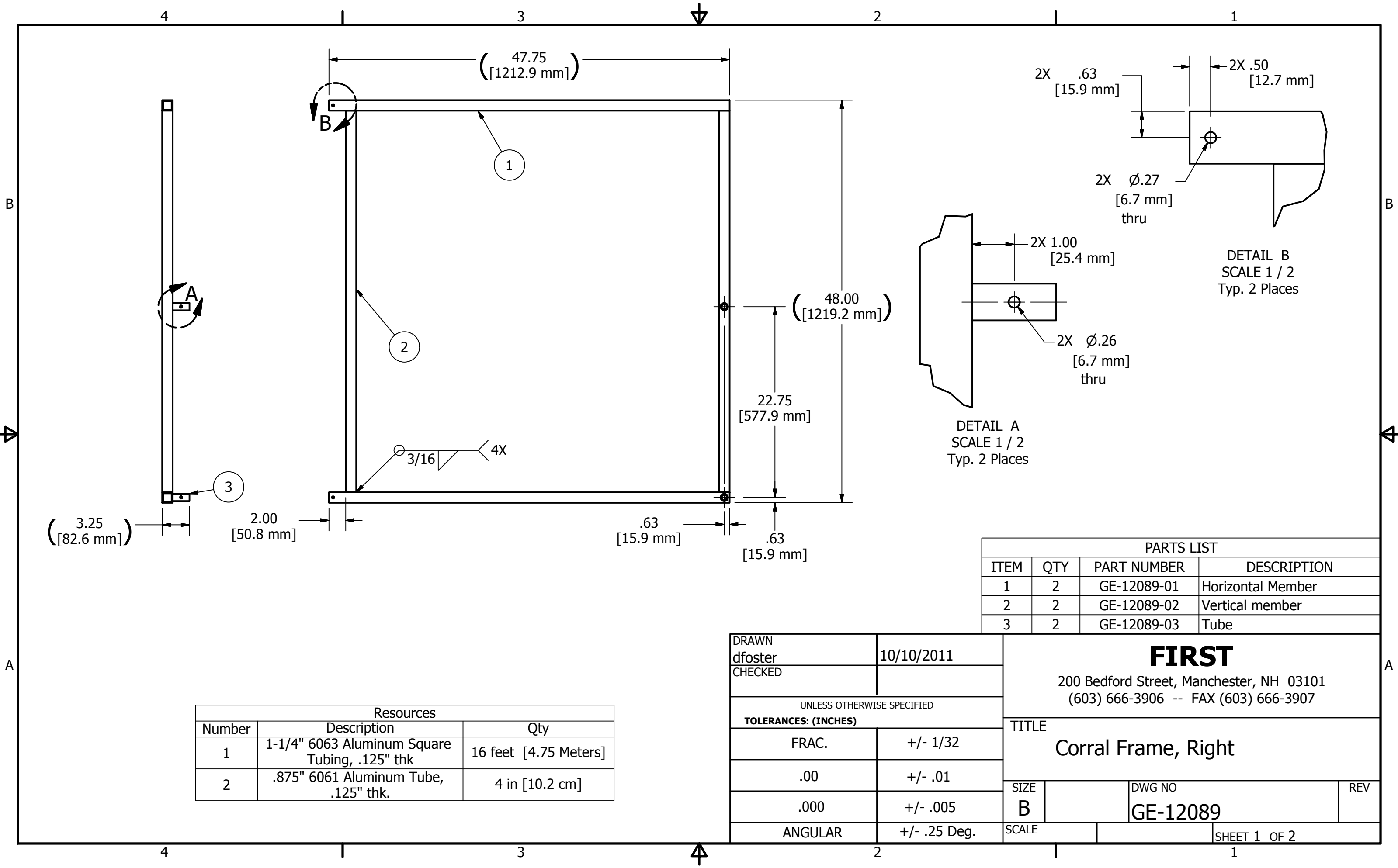
DRAWN dfoster	11/3/2011	FIRST			
CHECKED		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> e <input type="checkbox"/> or <input type="checkbox"/> Street <input type="checkbox"/> <input type="checkbox"/> and <input type="checkbox"/> ester <input type="checkbox"/> NH <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> (<input type="checkbox"/>) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> FA <input type="checkbox"/> (<input type="checkbox"/>) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
UNLESS OTHERWISE SPECIFIED		TITLE Chute 2, Right Side			
TOLERANCES: (INCHES)					
FRAC <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
AN <input type="checkbox"/> LAR	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> e <input type="checkbox"/> <input type="checkbox"/>	SIZE C		DWG NO GE-12087	
		SCALE		REV	
				SHEET <input type="checkbox"/> OF <input type="checkbox"/>	



- Notes:
- 1. Aluminum Extrusion can be purchased at www.mcmaster.com
Part Number: 8429A4 Aluminum H-Channel Edge Trim
6'L, 5/32" Channel (A), 1-3/64" Leg H (B)
 - 2. Cut channel into:
12" length - qty 1
8" length - qty 1

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-12086	Chute 2, Left Side
2	1	GE-12087	Chute 2, Right Side
3	20"	GE-12088-01	Aluminum Extrusion, See Note

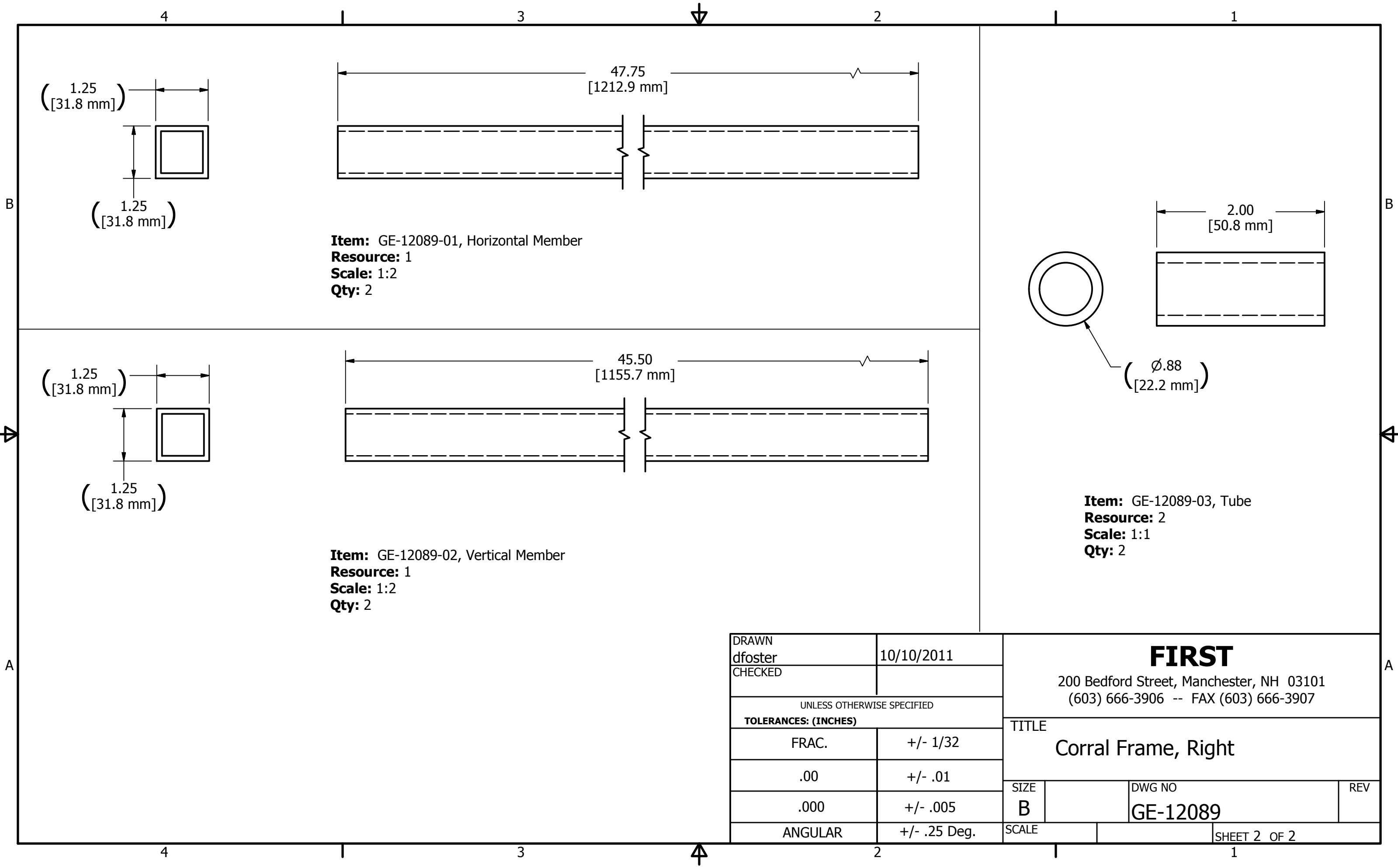
DRAWN dfoster		10/11/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Chute 2 Assembly</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01		<div>SIZE</div> <div>C</div> <div>DWG NO</div> <div>GE-12088</div> <div>REV</div>			
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SCALE		SHEET 1 OF 1	

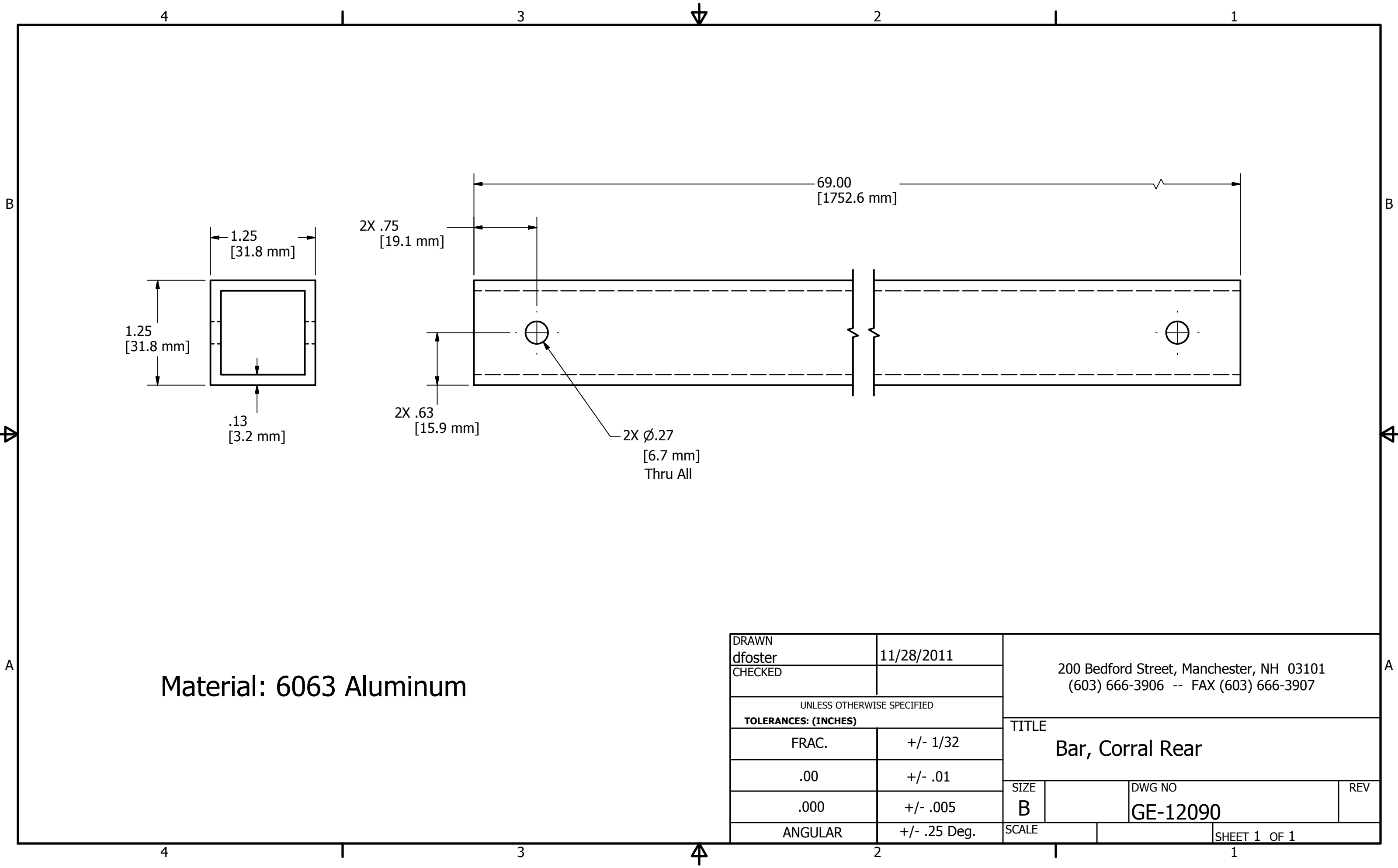


Resources		
Number	Description	Qty
1	1-1/4" 6063 Aluminum Square Tubing, .125" thk	16 feet [4.75 Meters]
2	.875" 6061 Aluminum Tube, .125" thk.	4 in [10.2 cm]

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	GE-12089-01	Horizontal Member
2	2	GE-12089-02	Vertical member
3	2	GE-12089-03	Tube

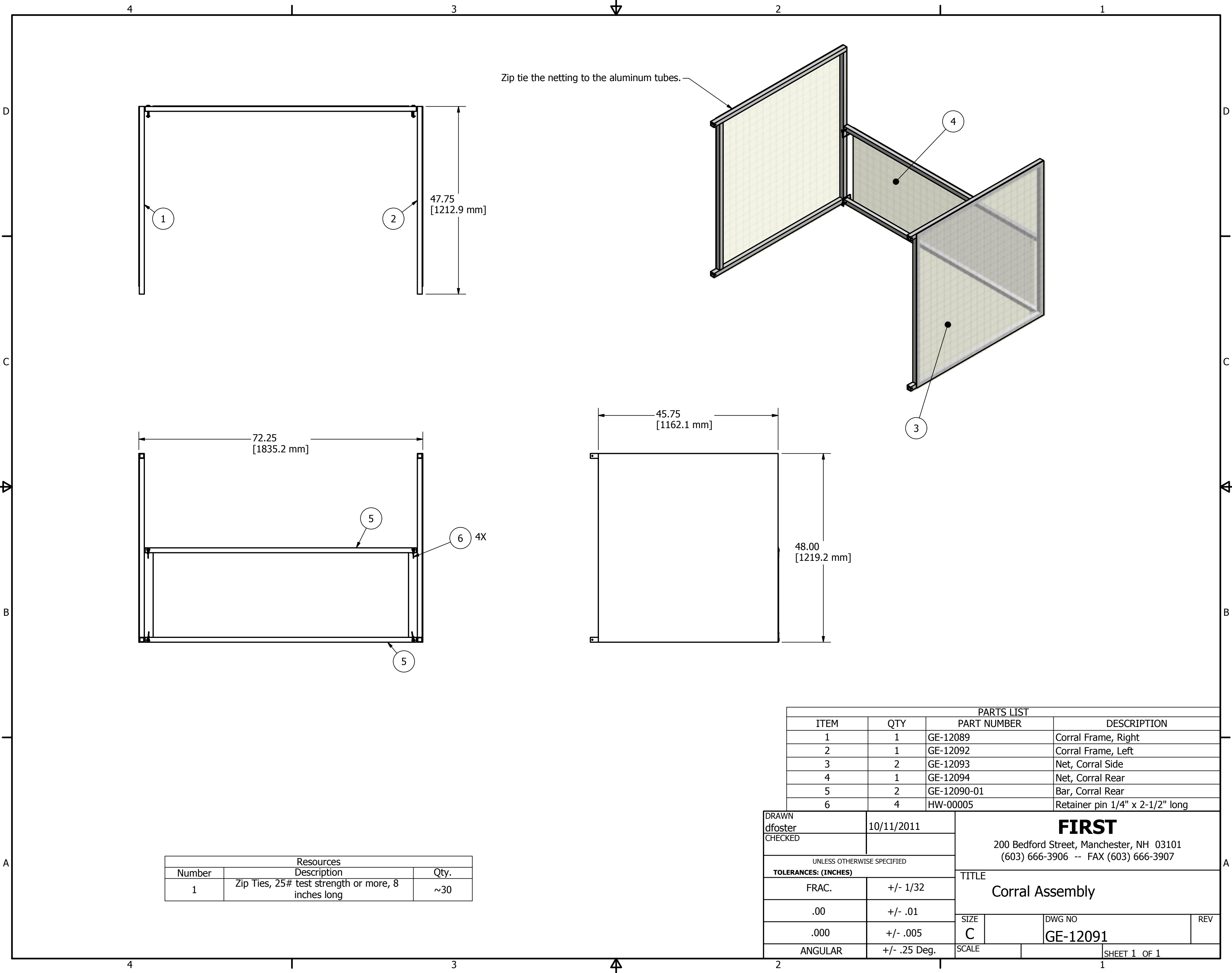
DRAWN dfoster		10/10/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE <div>Corral Frame, Right</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01		SIZE B			
.000		+/- .005					
ANGULAR		+/- .25 Deg.					
				SCALE		DWG NO GE-12089	
						REV	
				SHEET 1 OF 2			





Material: 6063 Aluminum

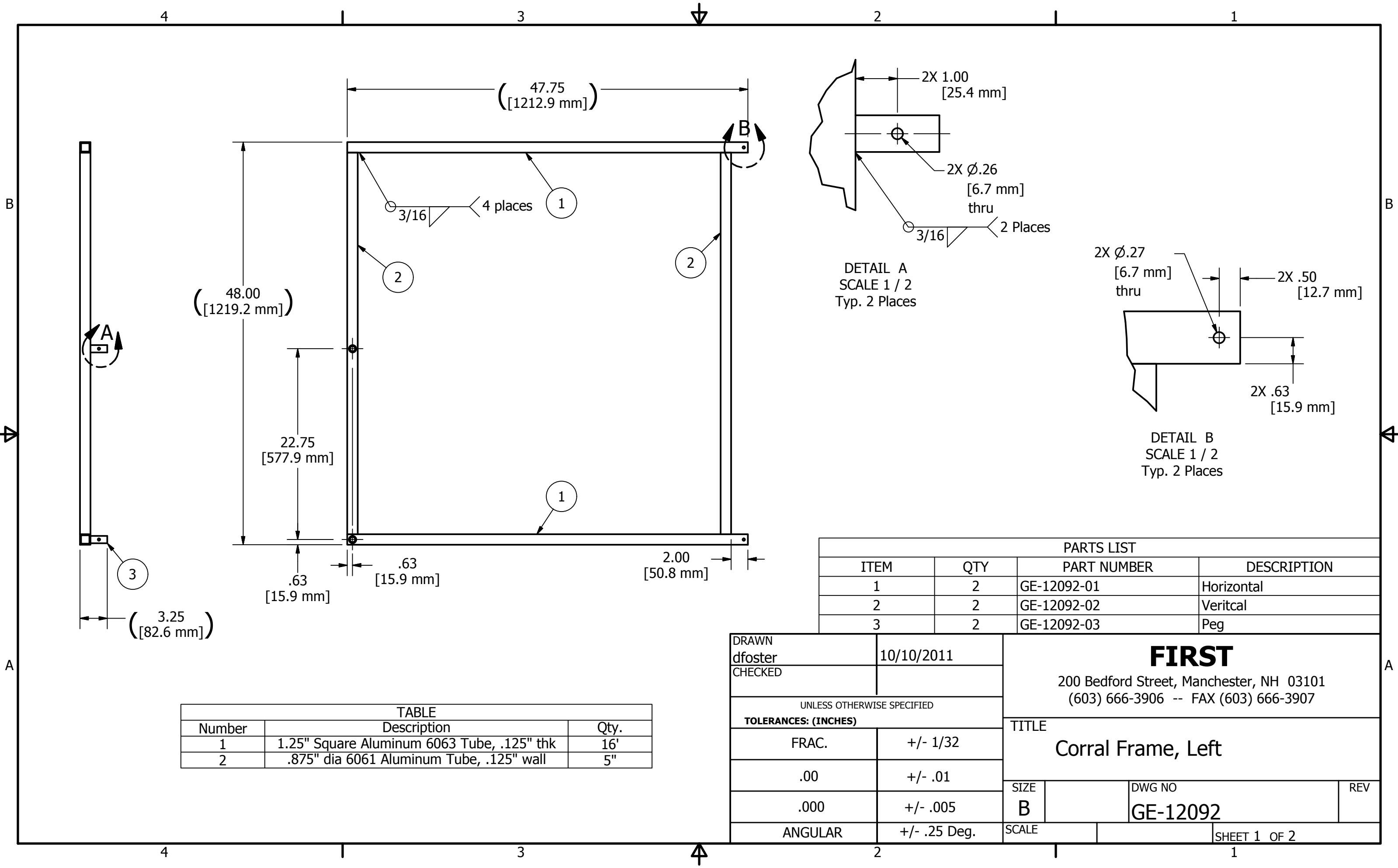
DRAWN dfoster		11/28/2011		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE Bar, Corral Rear			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01		SIZE B			
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SCALE		DWG NO GE-12090	
						REV	
				SHEET 1		OF 1	

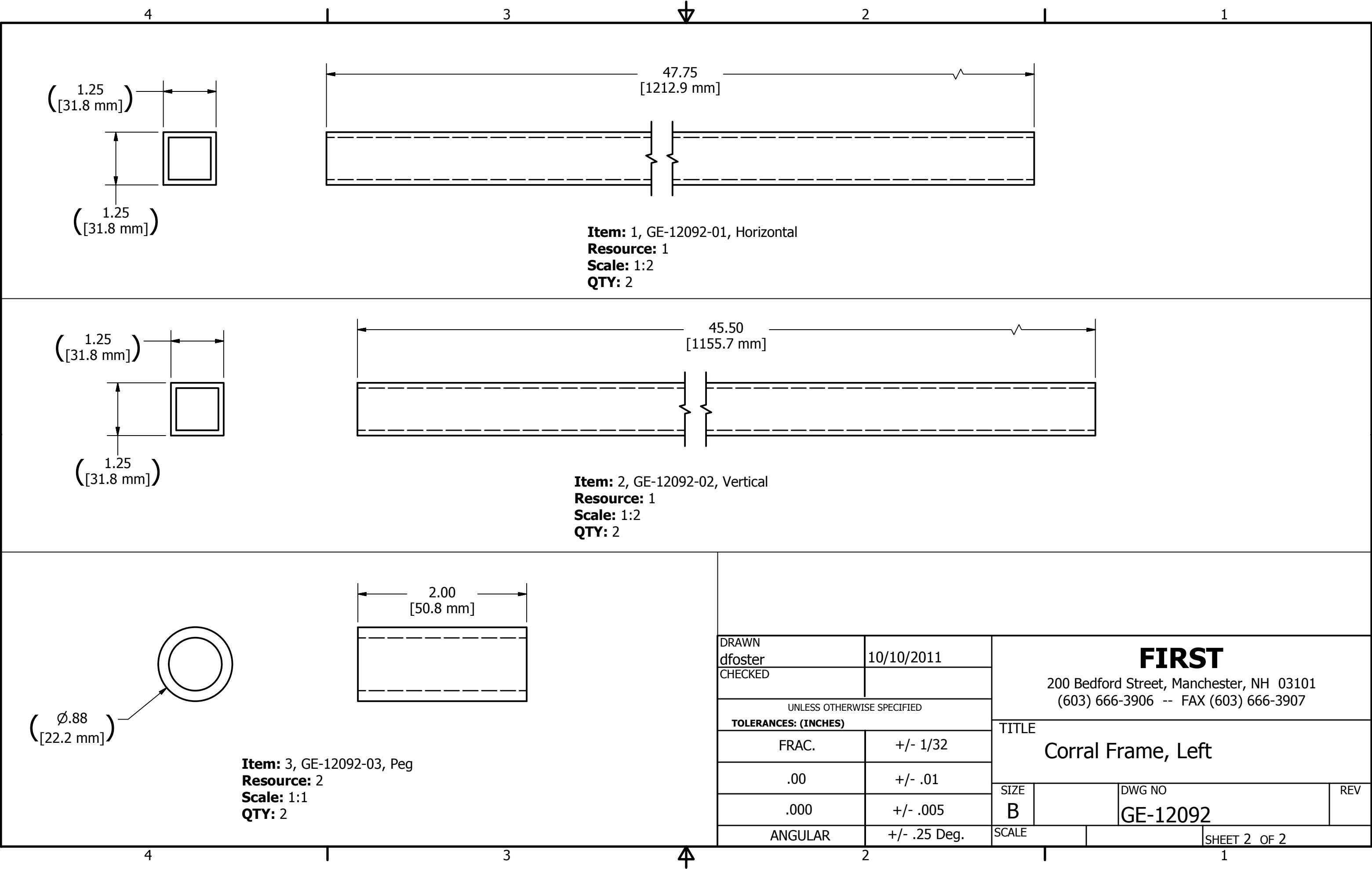


Resources		
Number	Description	Qty.
1	Zip Ties, 25# test strength or more, 8 inches long	~30

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-12089	Corral Frame, Right
2	1	GE-12092	Corral Frame, Left
3	2	GE-12093	Net, Corral Side
4	1	GE-12094	Net, Corral Rear
5	2	GE-12090-01	Bar, Corral Rear
6	4	HW-00005	Retainer pin 1/4" x 2-1/2" long

DRAWN dfoster		10/11/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE <div>Corral Assembly</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32		SIZE C	DWG NO GE-12091		REV
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SCALE		SHEET 1 OF 1	





Manufacturer: Gourock

Description: Net, #44 X 1-3/4" (350 lb./twine) 210D Braided-Knotless
Nylon Netting Black Square Mesh with 1/4" Dacron Perimeter Rope Borders
Installed (overlock-stitched)

Overall Size : 45.75" x 48"

Part Number: NA

Sold at: www.gourock.com

DRAWN mcy	11/9/2011	<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED					
UNLESS OTHERWISE SPECIFIED		TITLE Net, Corral Side			
TOLERANCES: (INCHES)					
FRAC.	+/- 1/32				
.00	+/- .01	SIZE B			
.000	+/- .005				
ANGULAR	+/- .25 Deg.	SCALE		SHEET 1 OF 1	

4 3 2 1

Manufacturer: Gourock

Description: Net, #44 X 1-3/4" (350 lb./twine) 210D Braided-Knotless
Nylon Netting Black Square Mesh with 1/4" Dacron Perimeter Rope Borders
Installed (overlock-stitched)

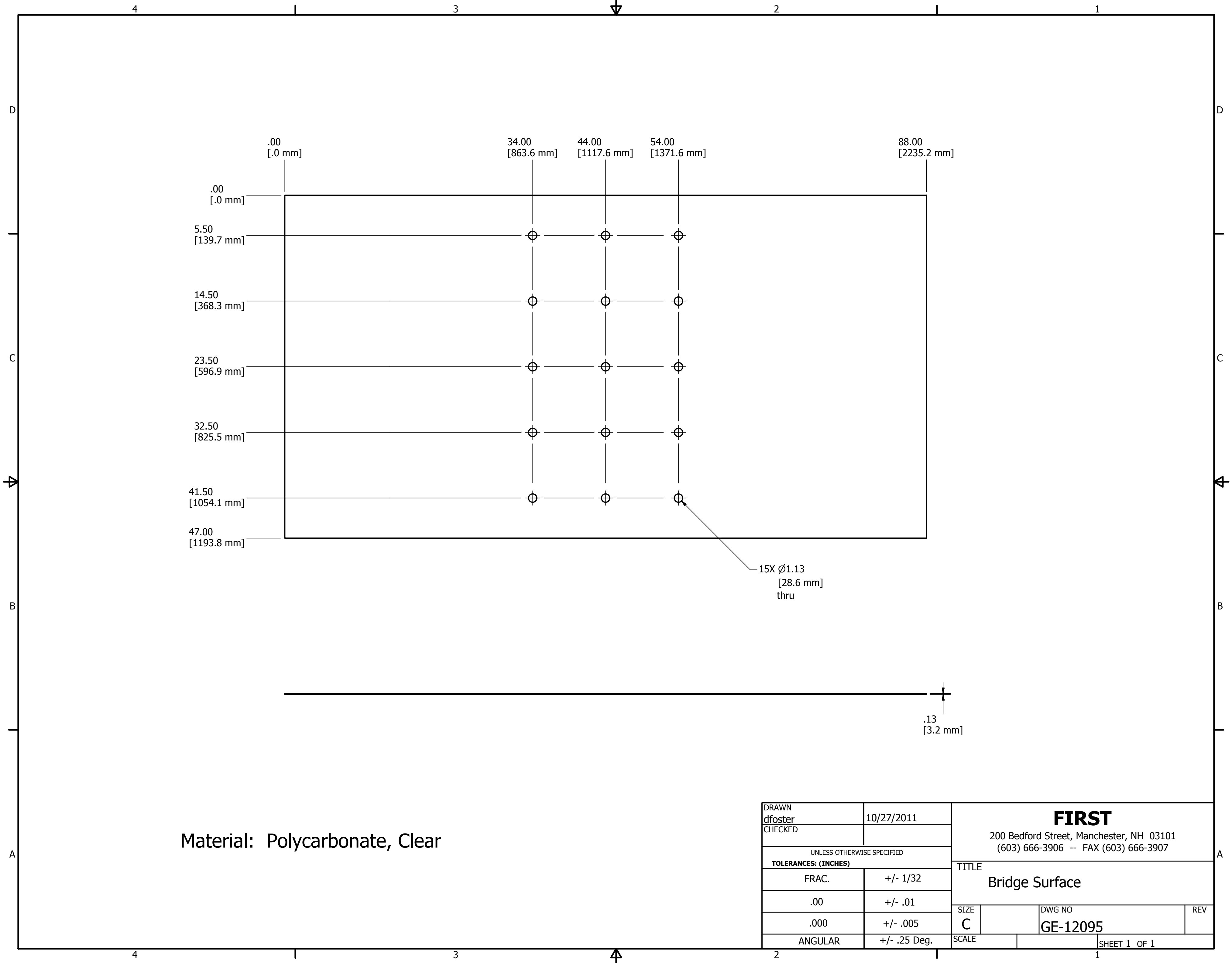
Overall Size : 24" x 65"

Part Number: NA

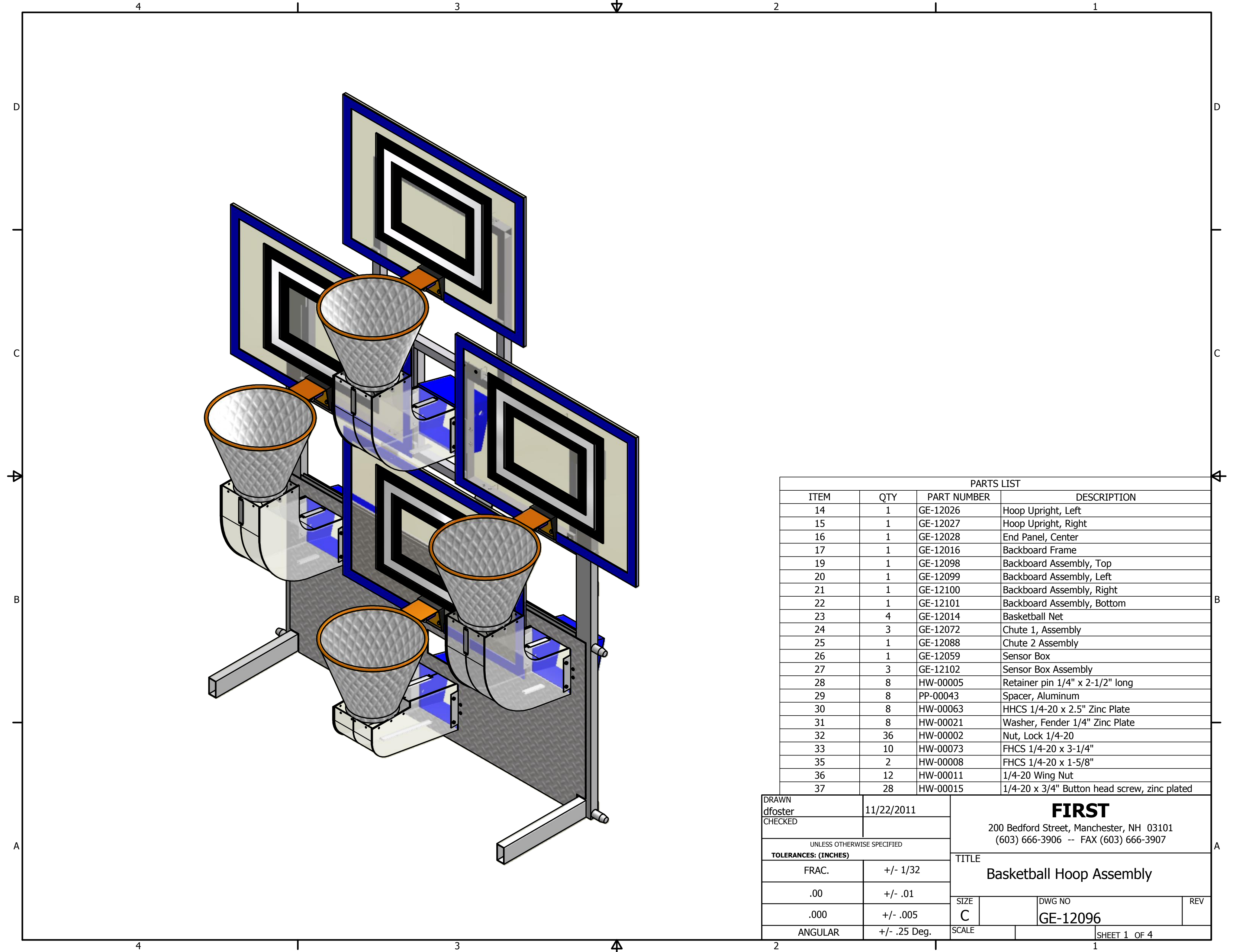
Sold at: www.gourock.com

DRAWN mcyr	11/9/2011	<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED					
UNLESS OTHERWISE SPECIFIED		<div>TITLE</div> <div>Net, Corral Rear</div>			
TOLERANCES: (INCHES)					
FRAC.	+/- 1/32				
.00	+/- .01	<div>SIZE</div> <div>B</div> <div>DWG NO</div> <div>GE-12094</div> <div>REV</div>			
.000	+/- .005				
ANGULAR	+/- .25 Deg.	SCALE		SHEET 1 OF 1	

4 3 2 1

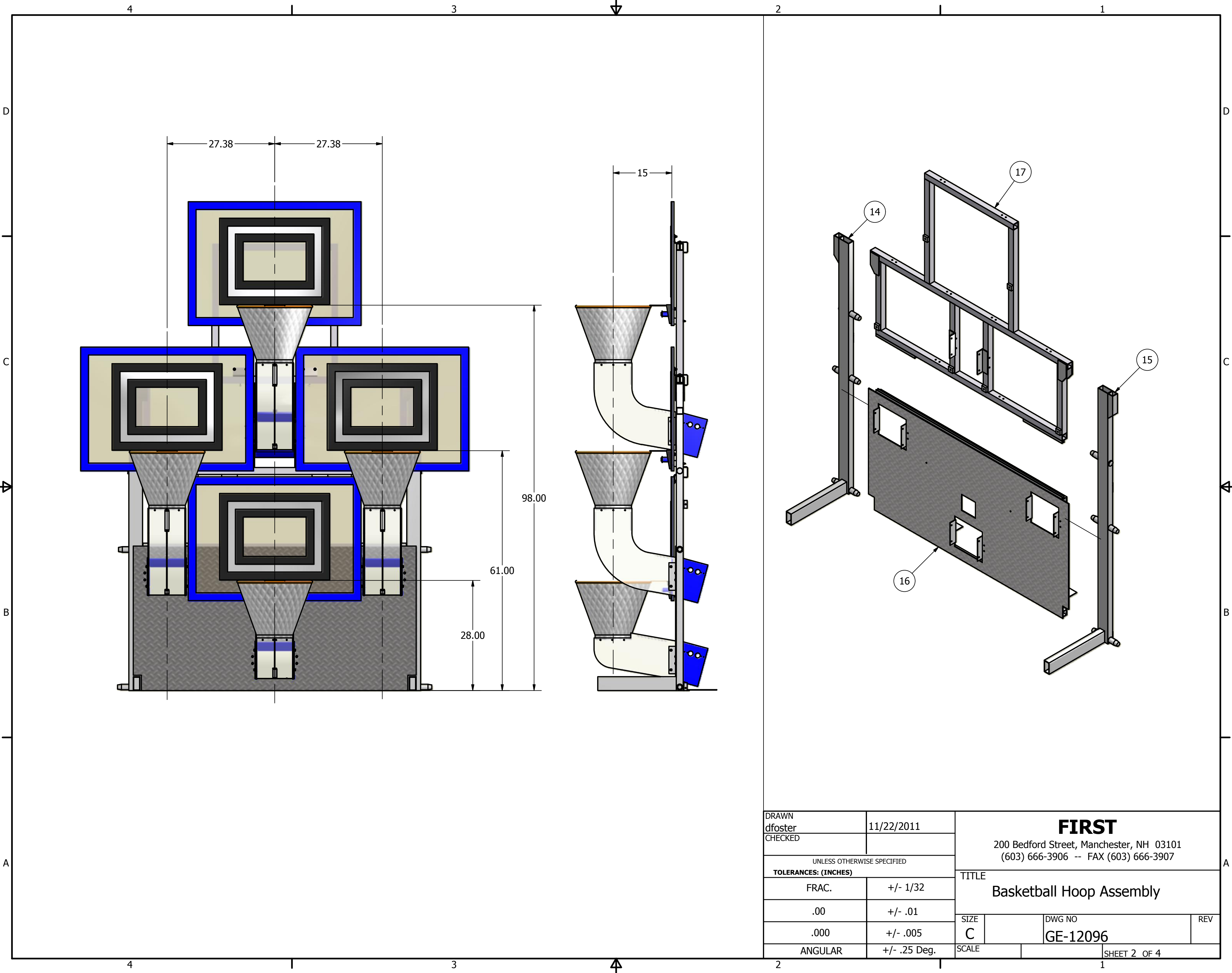


DRAWN dfoster		10/27/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)				<div>TITLE</div> <div>Bridge Surface</div>			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-12095	
				SCALE			SHEET 1 OF 1

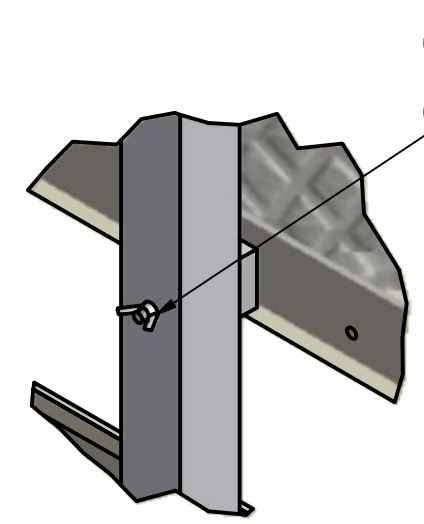
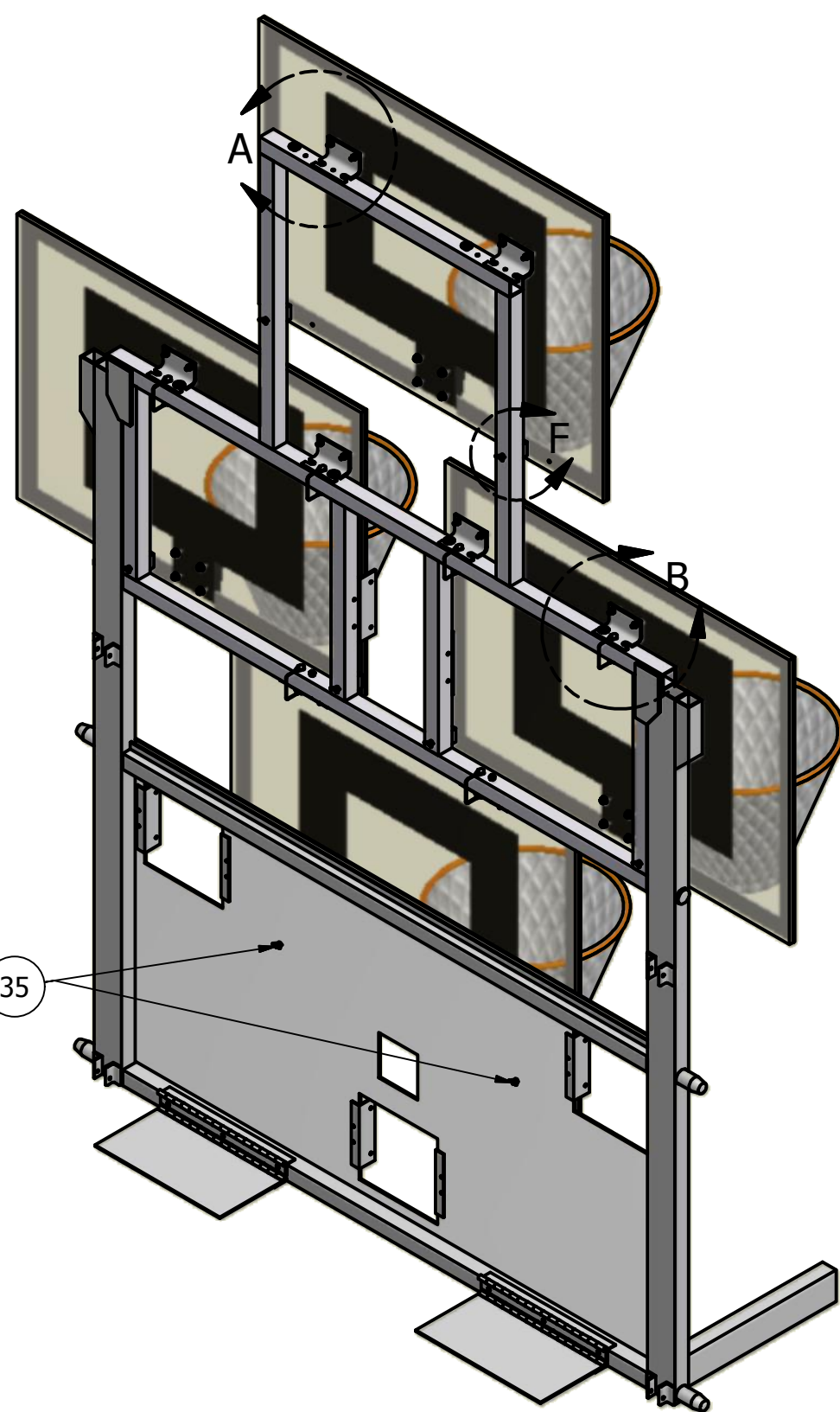
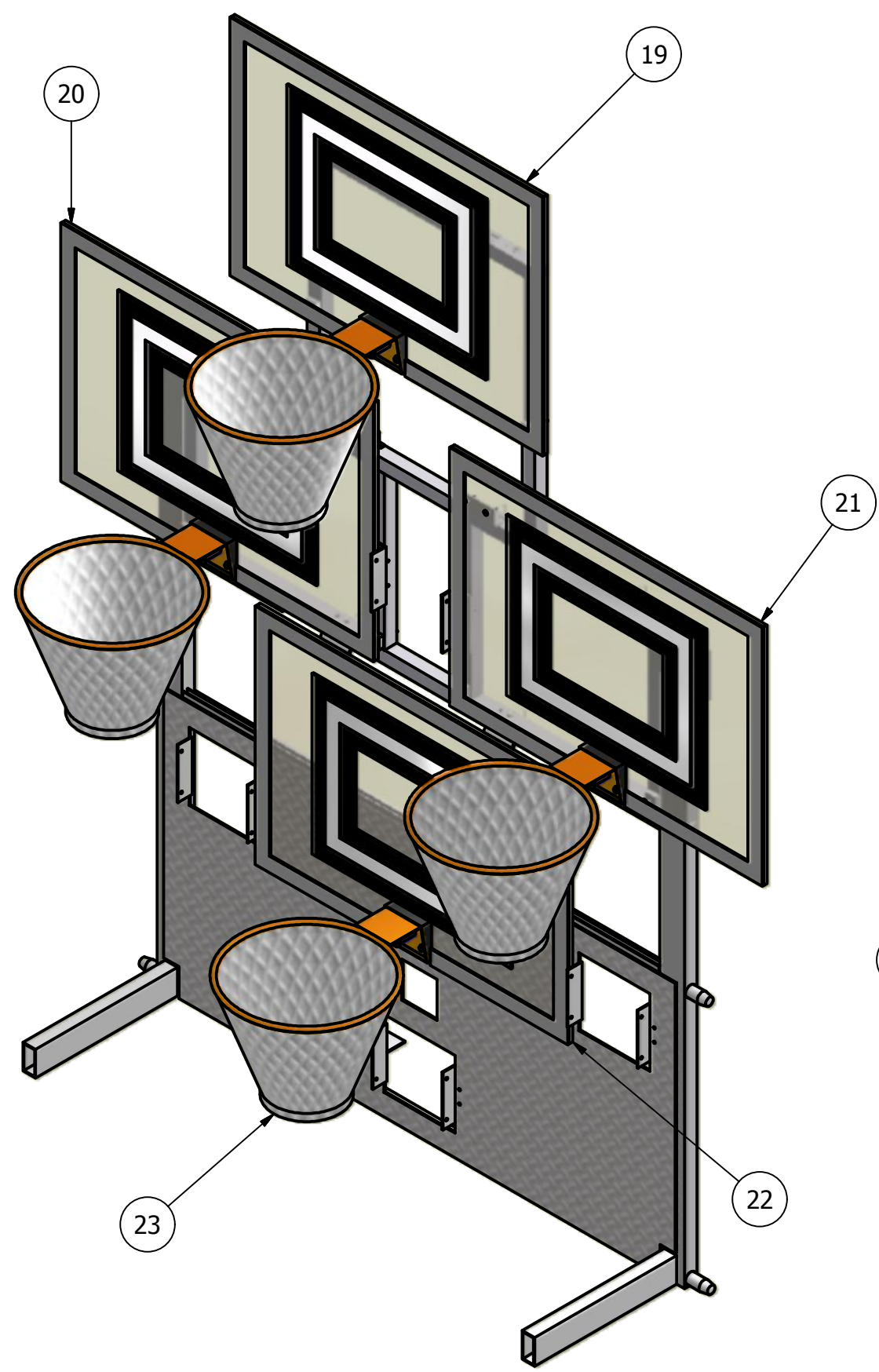


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
14	1	GE-12026	Hoop Upright, Left
15	1	GE-12027	Hoop Upright, Right
16	1	GE-12028	End Panel, Center
17	1	GE-12016	Backboard Frame
19	1	GE-12098	Backboard Assembly, Top
20	1	GE-12099	Backboard Assembly, Left
21	1	GE-12100	Backboard Assembly, Right
22	1	GE-12101	Backboard Assembly, Bottom
23	4	GE-12014	Basketball Net
24	3	GE-12072	Chute 1, Assembly
25	1	GE-12088	Chute 2 Assembly
26	1	GE-12059	Sensor Box
27	3	GE-12102	Sensor Box Assembly
28	8	HW-00005	Retainer pin 1/4" x 2-1/2" long
29	8	PP-00043	Spacer, Aluminum
30	8	HW-00063	HHCS 1/4-20 x 2.5" Zinc Plate
31	8	HW-00021	Washer, Fender 1/4" Zinc Plate
32	36	HW-00002	Nut, Lock 1/4-20
33	10	HW-00073	FHCS 1/4-20 x 3-1/4"
35	2	HW-00008	FHCS 1/4-20 x 1-5/8"
36	12	HW-00011	1/4-20 Wing Nut
37	28	HW-00015	1/4-20 x 3/4" Button head screw, zinc plated

DRAWN dfoster		11/22/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101</div> <div>(603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE <div>Basketball Hoop Assembly</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32		SIZE C			
.00		+/- .01					
.000		+/- .005		DWG NO GE-12096			
ANGULAR		+/- .25 Deg.					
				SCALE		REV	
						SHEET 1 OF 4	

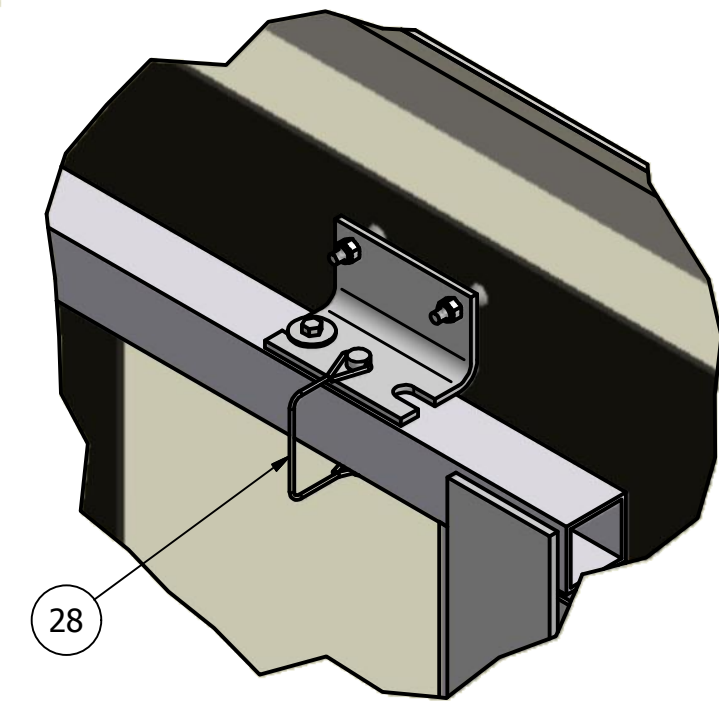


DRAWN dfoster CHECKED	11/22/2011	FIRST 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907		
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)		TITLE Basketball Hoop Assembly		
FRAC.	+/- 1/32	SIZE C	DWG NO GE-12096	REV
.00	+/- .01	SCALE		
.000	+/- .005			
ANGULAR	+/- .25 Deg.	SHEET 2 OF 4		

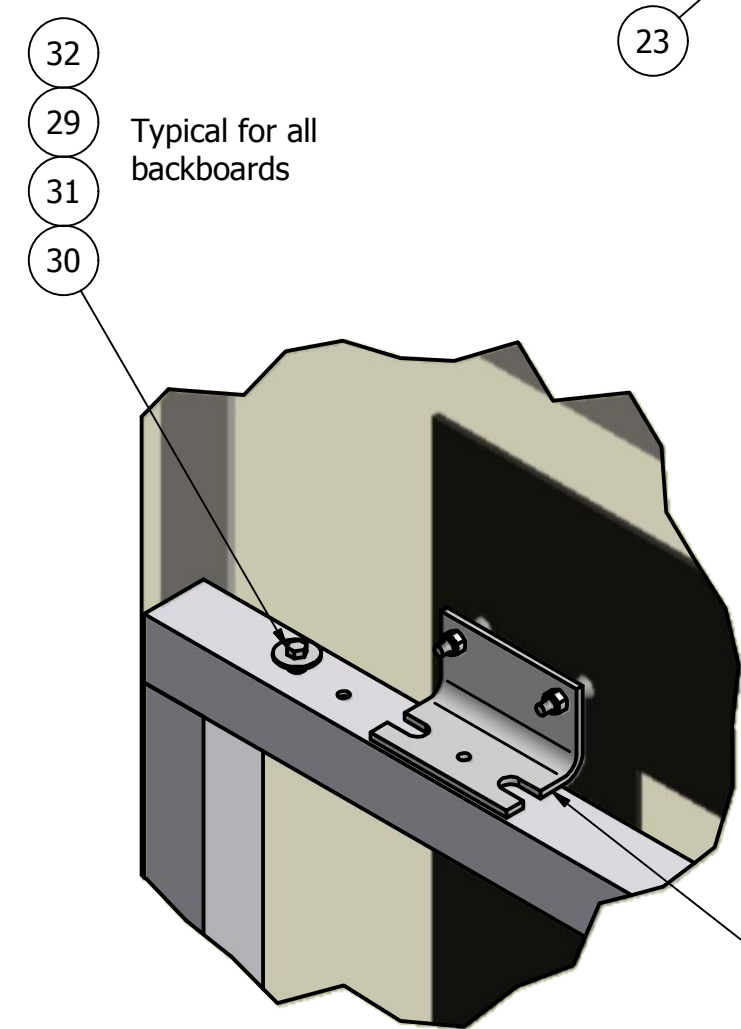


33 Insert Item 33 through the backboard and backboard frame from the front side. There will be two available holes along the bottom edge. Secure with Item 36. Typical for all 4 backboards.

DETAIL F
SCALE 1 / 4



DETAIL B
SCALE 1 / 4



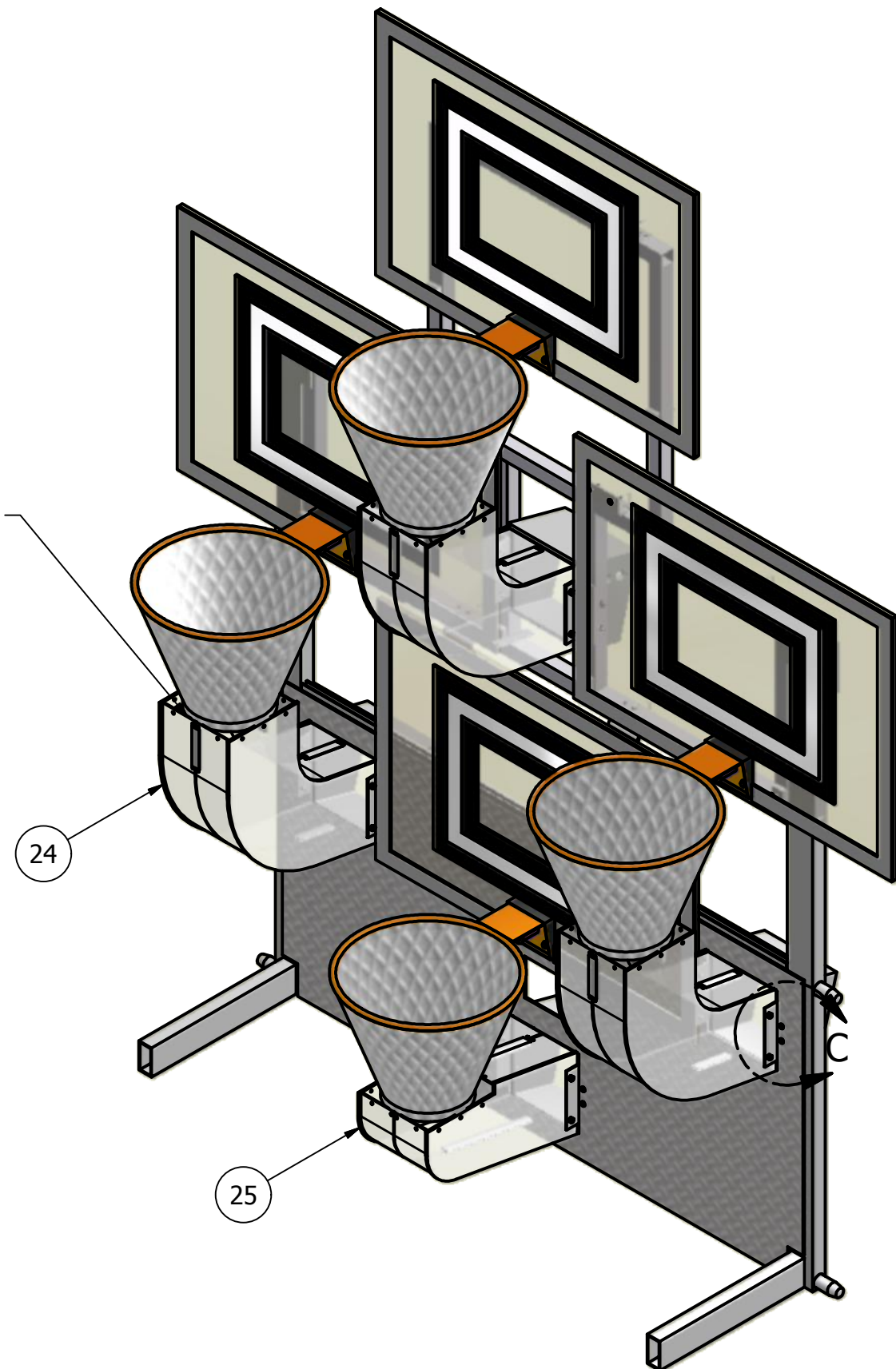
DETAIL A
SCALE 1 / 4

Steps for installing the backboards:

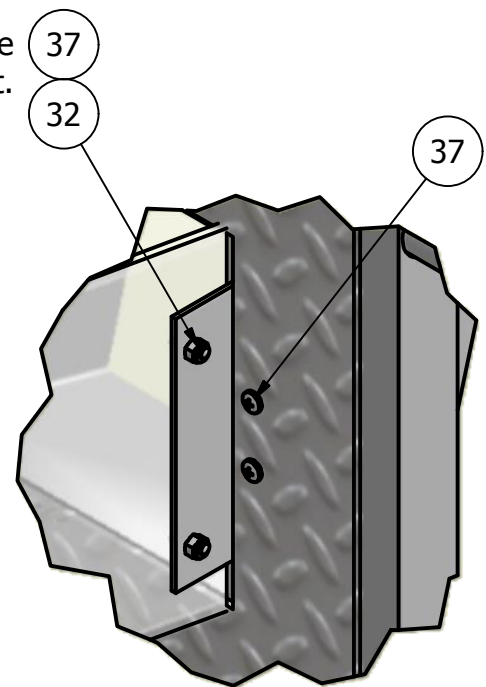
1. Rest the angle bracket mounted to the backboard on the aluminum tube of the backboard frame as shown.
2. Slide the backboard over so that the spacer/washer combination on the backboard frame engages with the slot in the angle bracket. At this point the hole in the bracket should line up with a hole in the backboard frame.
3. Secure the backboard by inserting a pin through the bracket and the frame (shown in Detail B). Repeat for both brackets that are mounted to the frame.

DRAWN dfoster		11/22/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101</div> <div>(603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Basketball Hoop Assembly</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE	DWG NO		REV
				C	GE-12096		
ANGULAR		+/- .25 Deg.		SCALE		SHEET 3 OF 4	

Zip tie the net to the available holes on the chute assemblies.

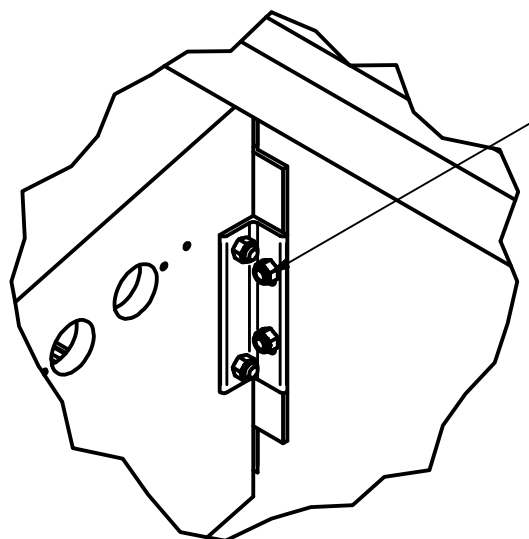


Typical for all chute attachment.



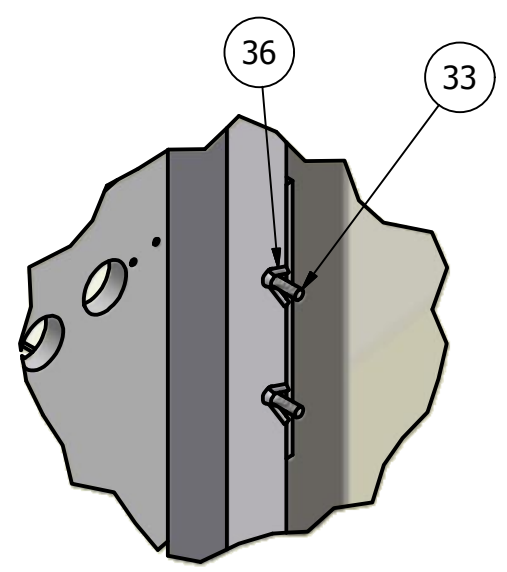
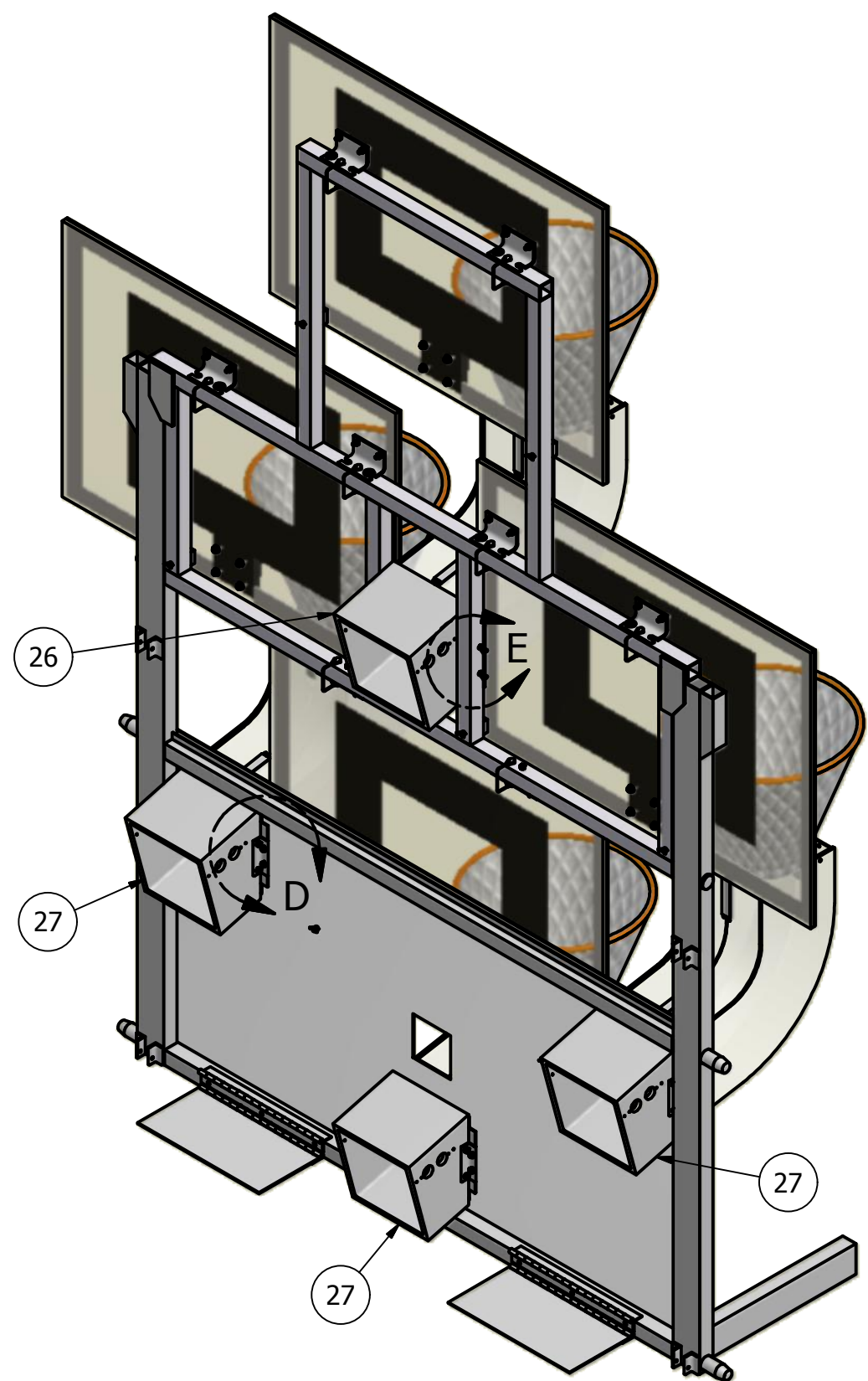
DETAIL C
SCALE 1 / 4

Typical for the bottom three sensor boxes



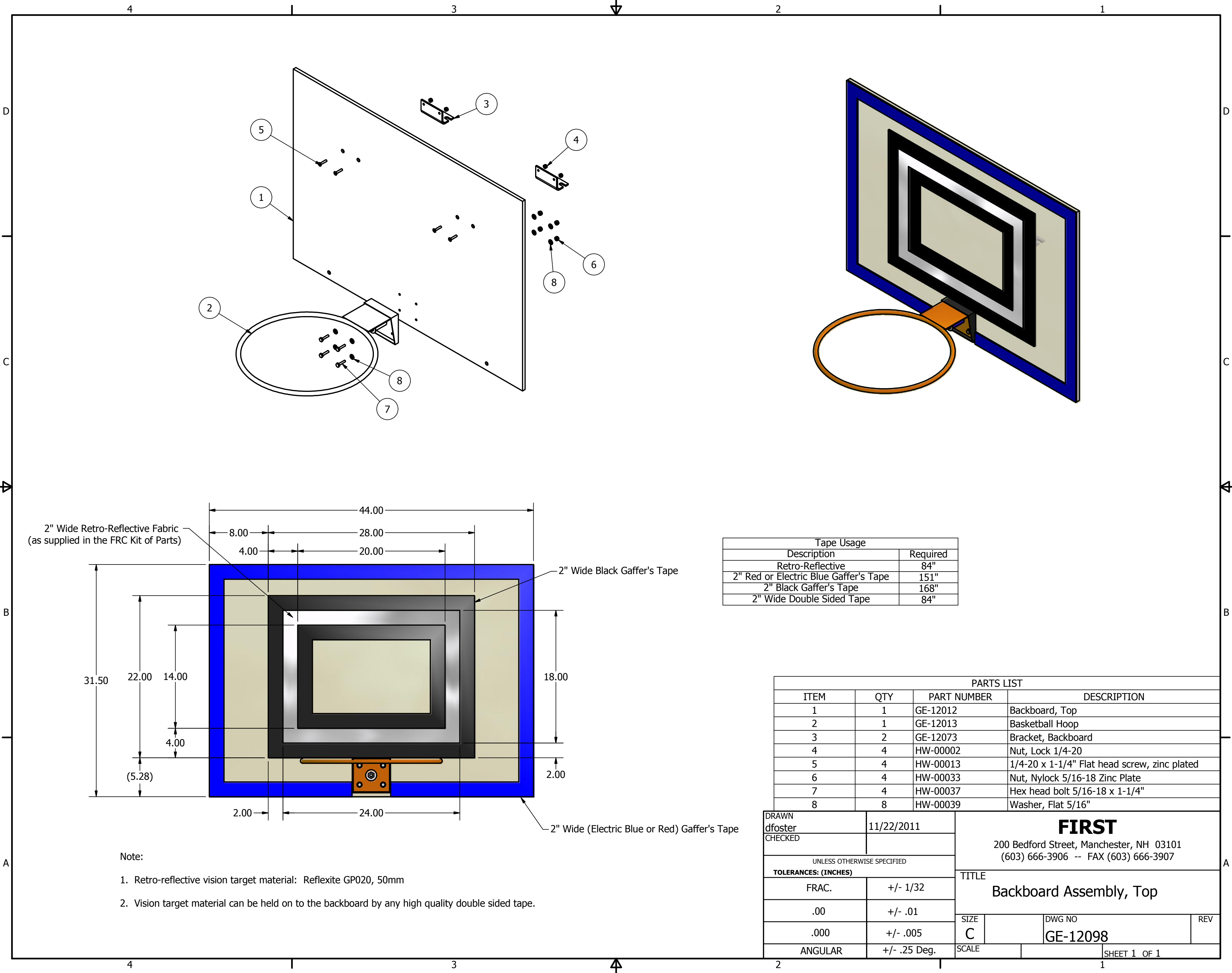
DETAIL D
SCALE 1 / 4

Typical for the bottom three sensor boxes



DETAIL E
SCALE 1 / 4

DRAWN dfoster		11/22/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)				<div>TITLE</div> <div>Basketball Hoop Assembly</div>			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE C	DWG NO GE-12096		REV
				SCALE		SHEET 4 OF 4	

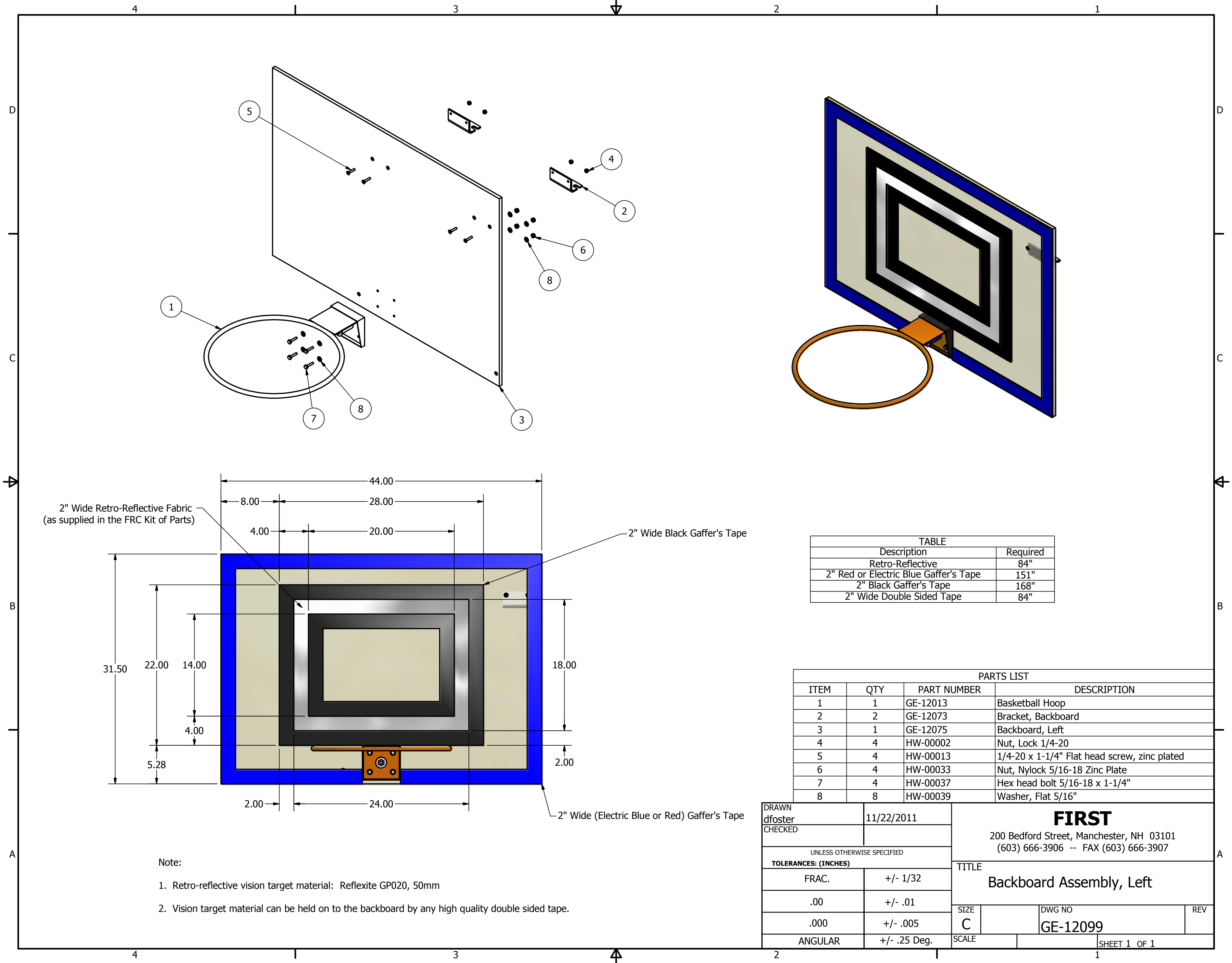


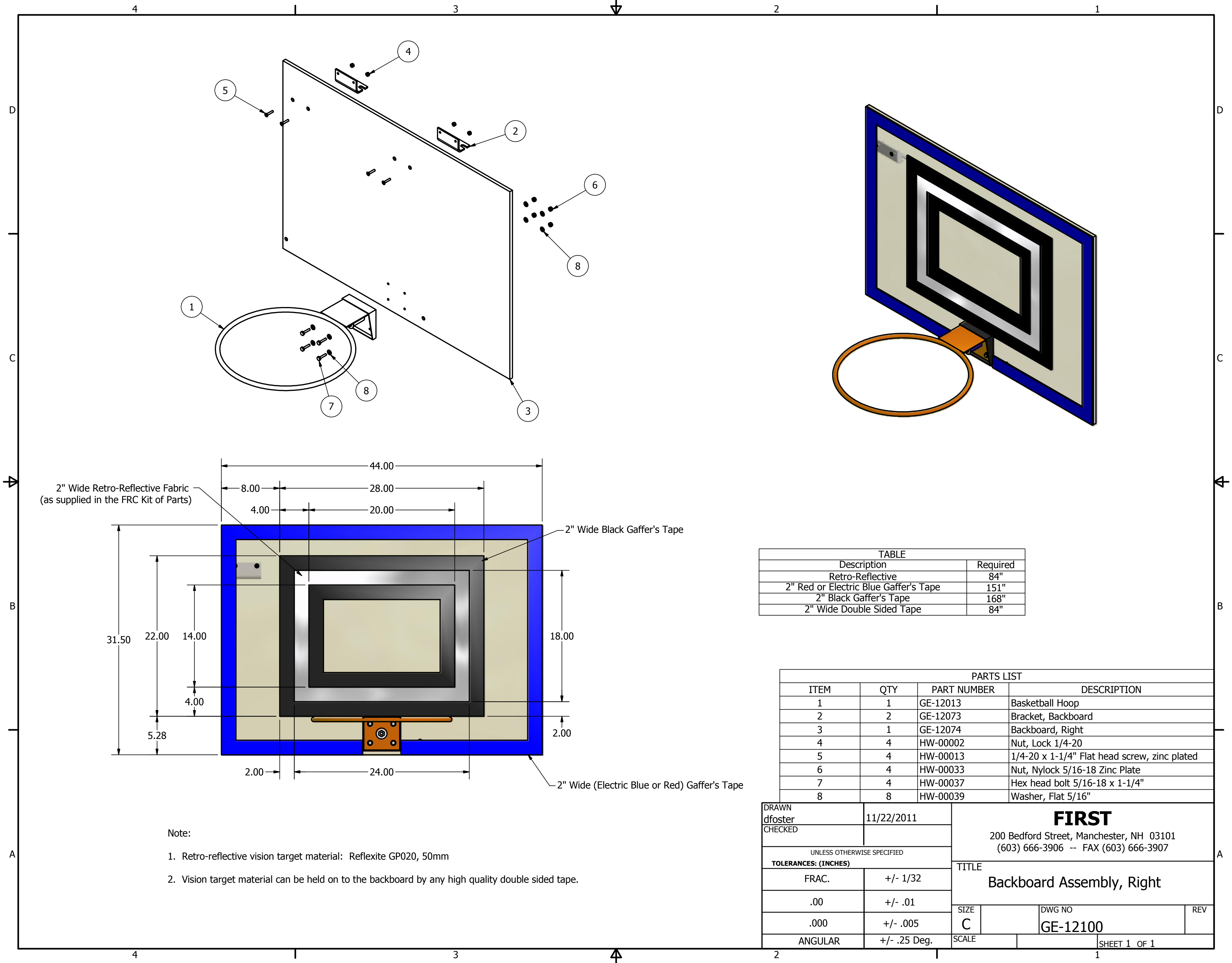
Tape Usage	
Description	Required
Retro-Reflective	84"
2" Red or Electric Blue Gaffer's Tape	151"
2" Black Gaffer's Tape	168"
2" Wide Double Sided Tape	84"

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-12012	Backboard, Top
2	1	GE-12013	Basketball Hoop
3	2	GE-12073	Bracket, Backboard
4	4	HW-00002	Nut, Lock 1/4-20
5	4	HW-00013	1/4-20 x 1-1/4" Flat head screw, zinc plated
6	4	HW-00033	Nut, Nylock 5/16-18 Zinc Plate
7	4	HW-00037	Hex head bolt 5/16-18 x 1-1/4"
8	8	HW-00039	Washer, Flat 5/16"

- Note:
1. Retro-reflective vision target material: Reflexite GP020, 50mm
 2. Vision target material can be held on to the backboard by any high quality double sided tape.

DRAWN dfoster		11/22/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE <div>Backboard Assembly, Top</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32		SIZE C			
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SCALE		DWG NO GE-12098	
						REV	
						SHEET 1 OF 1	





Note:

1. Retro-reflective vision target material: Reflexite GP020, 50mm
2. Vision target material can be held on to the backboard by any high quality double sided tape.

TABLE	
Description	Required
Retro-Reflective	84"
2" Red or Electric Blue Gaffer's Tape	151"
2" Black Gaffer's Tape	168"
2" Wide Double Sided Tape	84"

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-12013	Basketball Hoop
2	2	GE-12073	Bracket, Backboard
3	1	GE-12074	Backboard, Right
4	4	HW-00002	Nut, Lock 1/4-20
5	4	HW-00013	1/4-20 x 1-1/4" Flat head screw, zinc plated
6	4	HW-00033	Nut, Nylock 5/16-18 Zinc Plate
7	4	HW-00037	Hex head bolt 5/16-18 x 1-1/4"
8	8	HW-00039	Washer, Flat 5/16"

DRAWN		11/22/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101</div> <div>(603) 666-3906 -- FAX (603) 666-3907</div>			
dfoster							
CHECKED							
UNLESS OTHERWISE SPECIFIED				TITLE			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32		Backboard Assembly, Right			
.00		+/- .01					
.000		+/- .005		SIZE	DWG NO		REV
ANGULAR		+/- .25 Deg.		C	GE-12100		
				SCALE		SHEET 1 OF 1	

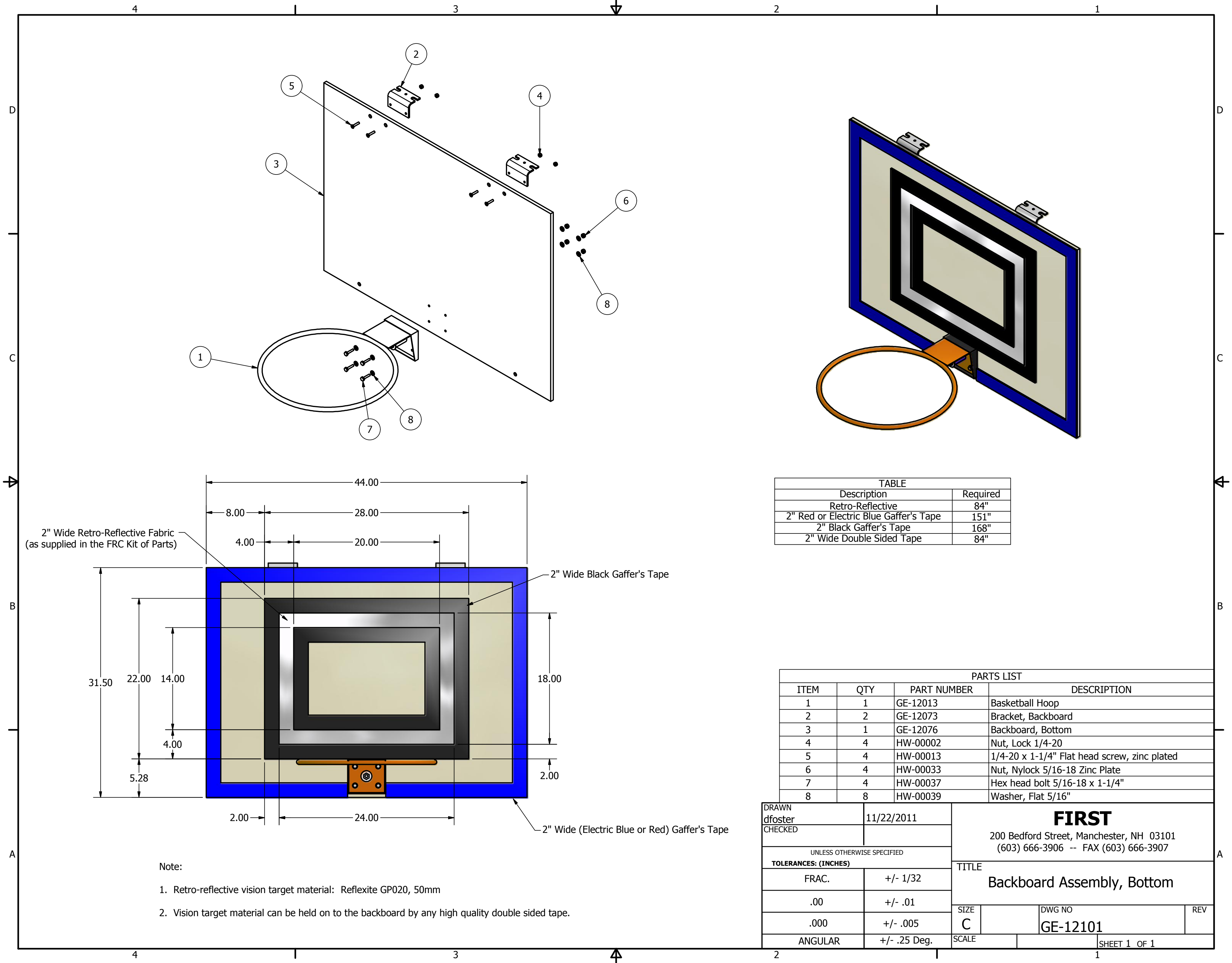


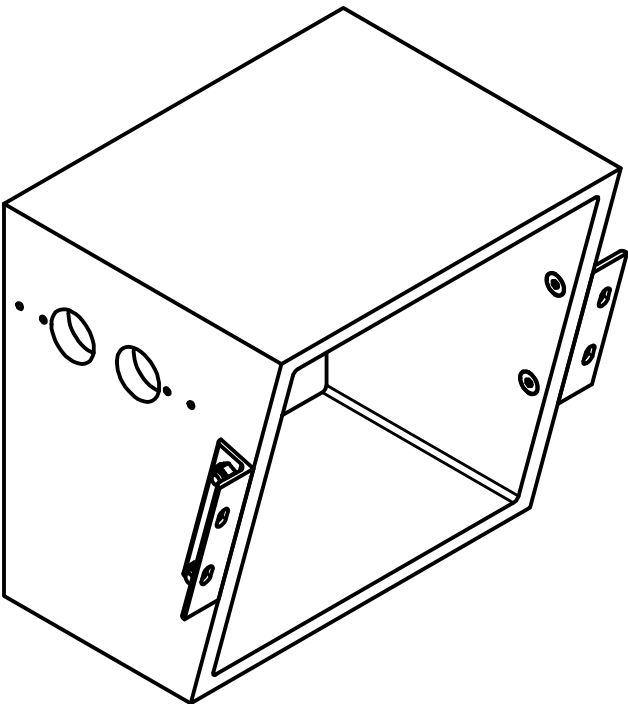
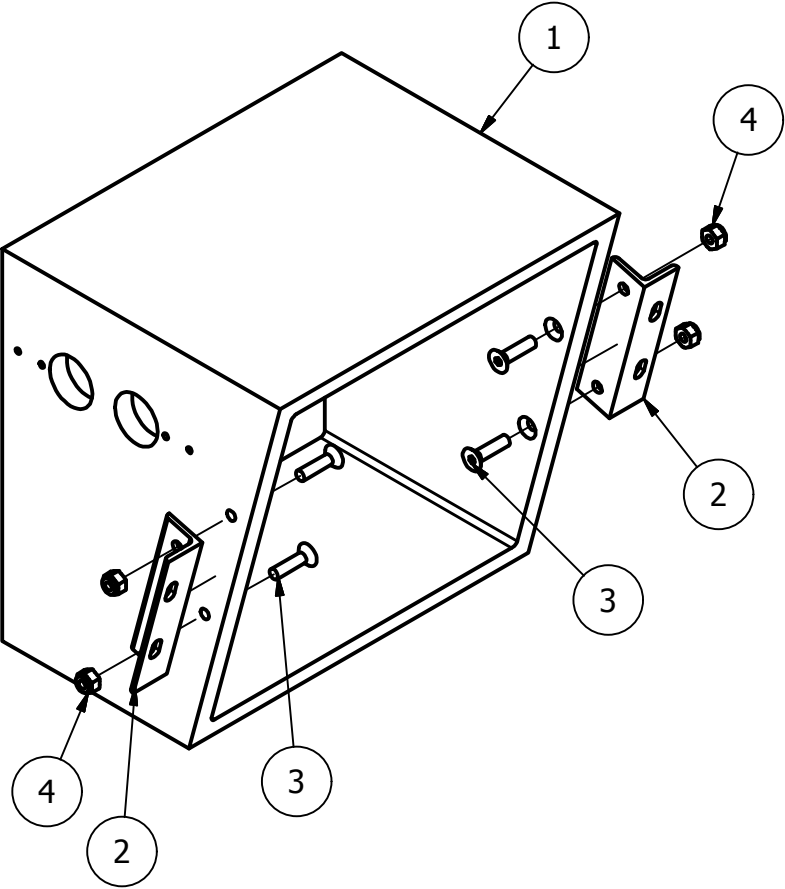
TABLE	
Description	Required
Retro-Reflective	84"
2" Red or Electric Blue Gaffer's Tape	151"
2" Black Gaffer's Tape	168"
2" Wide Double Sided Tape	84"

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-12013	Basketball Hoop
2	2	GE-12073	Bracket, Backboard
3	1	GE-12076	Backboard, Bottom
4	4	HW-00002	Nut, Lock 1/4-20
5	4	HW-00013	1/4-20 x 1-1/4" Flat head screw, zinc plated
6	4	HW-00033	Nut, Nylock 5/16-18 Zinc Plate
7	4	HW-00037	Hex head bolt 5/16-18 x 1-1/4"
8	8	HW-00039	Washer, Flat 5/16"

Note:

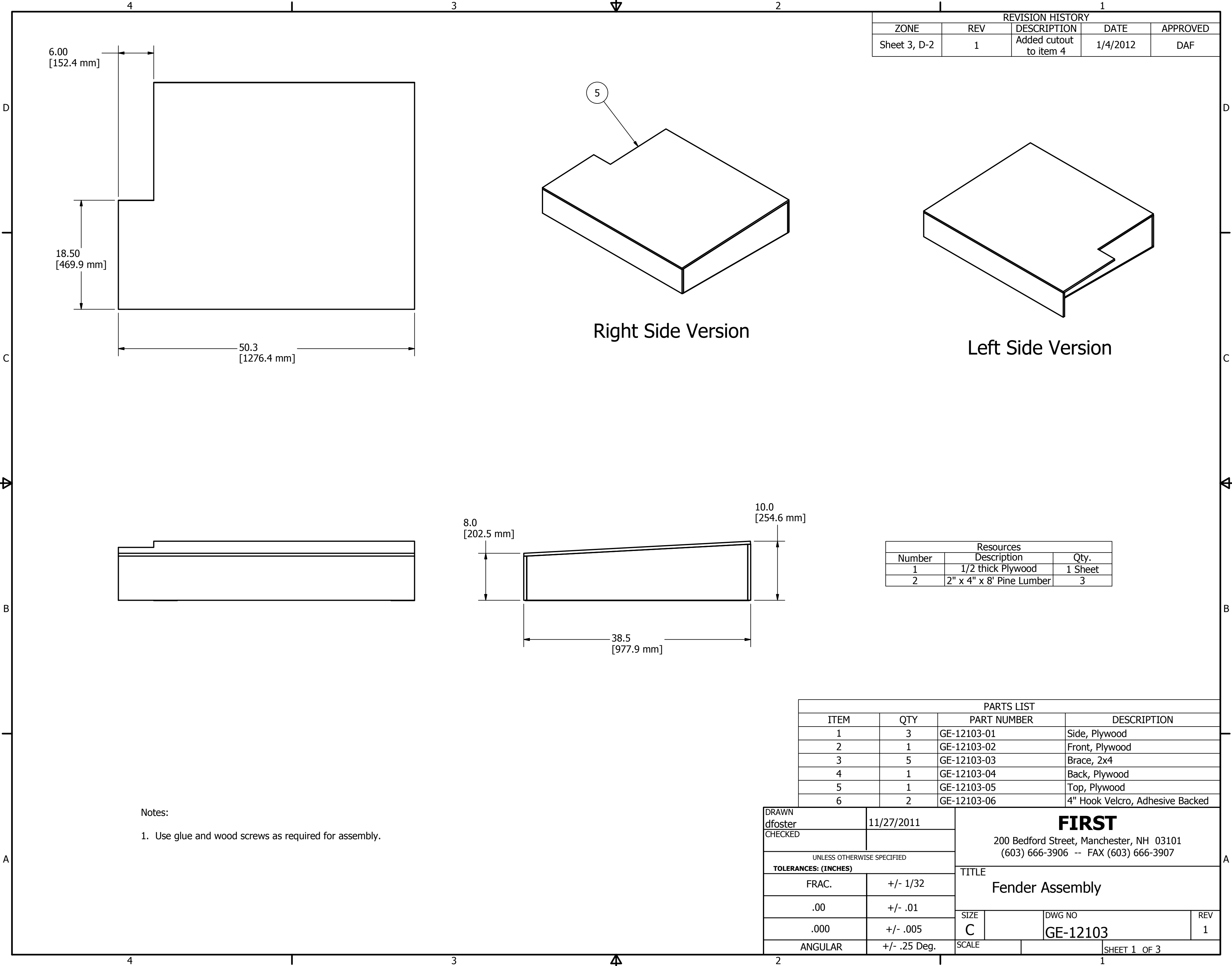
1. Retro-reflective vision target material: Reflexite GP020, 50mm
2. Vision target material can be held on to the backboard by any high quality double sided tape.

DRAWN dfoster		11/22/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Backboard Assembly, Bottom</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-12101	
				SCALE		SHEET 1 OF 1	



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-12059	Sensor Box
2	2	GE-12102	Angle, Sensor Bracket
3	4	HW-00074	FHCS 1/4-20 x 1"
4	4	HW-00002	Nut, Lock 1/4-20

DRAWN dfoster		11/20/2011		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED							
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)				TITLE Sensor Box Assembly			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE		DWG NO	REV
				B		GE-12102	
ANGULAR		+/- .25 Deg.		SCALE		SHEET 1 OF 1	

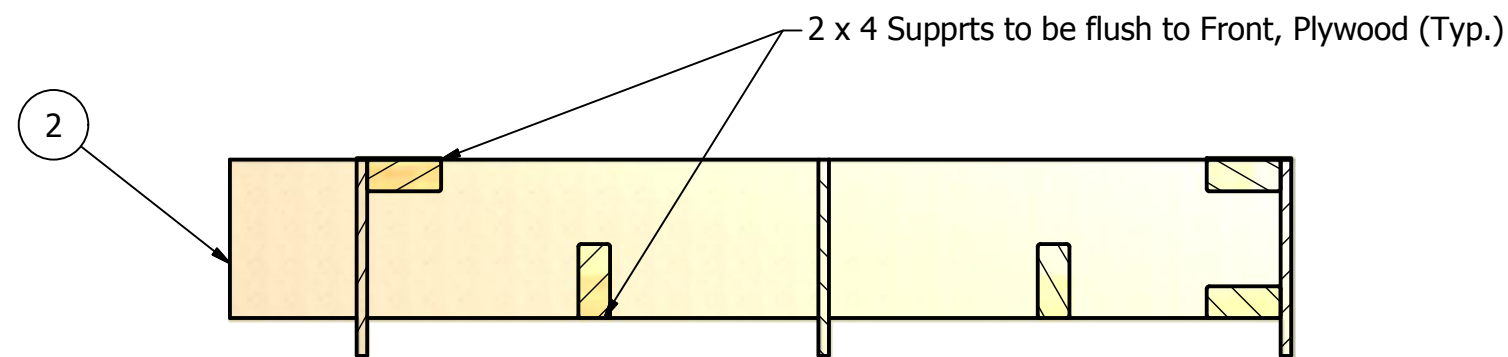


REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
Sheet 3, D-2	1	Added cutout to item 4	1/4/2012	DAF

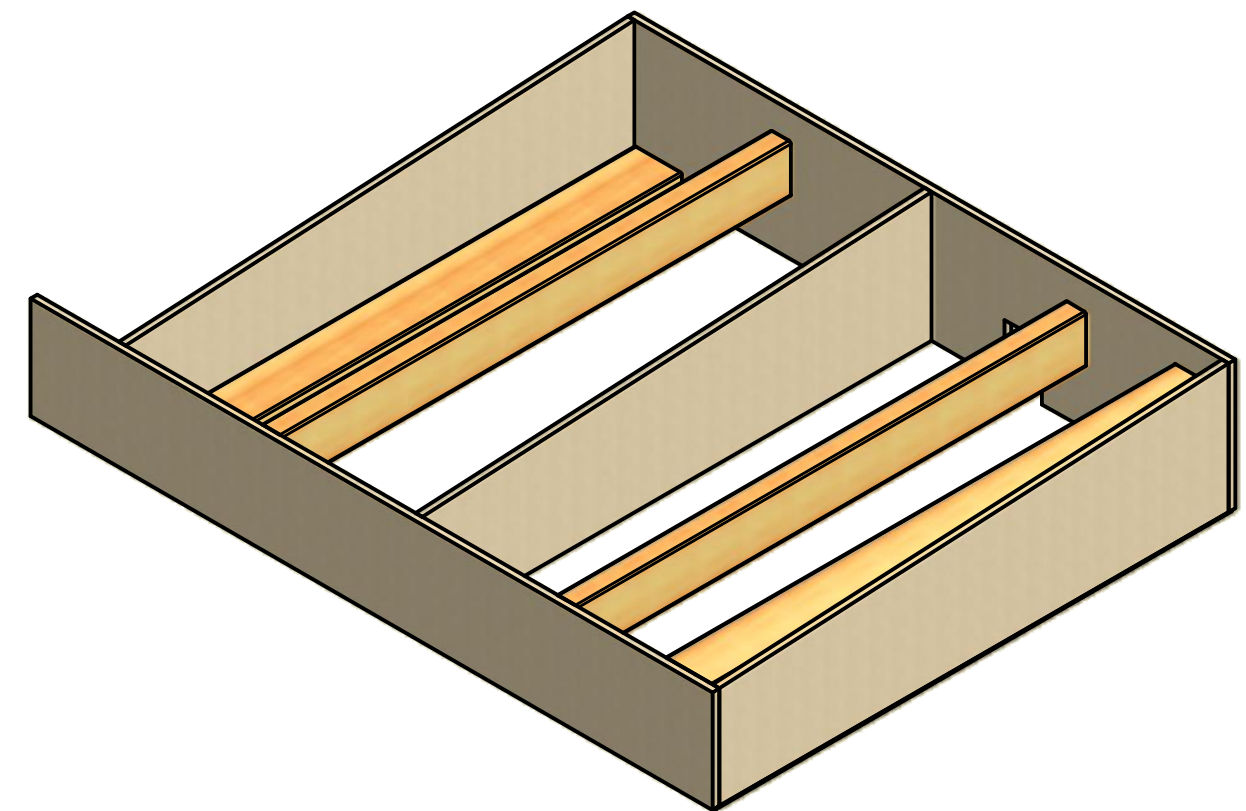
Resources		
Number	Description	Qty.
1	1/2 thick Plywood	1 Sheet
2	2" x 4" x 8' Pine Lumber	3

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	3	GE-12103-01	Side, Plywood
2	1	GE-12103-02	Front, Plywood
3	5	GE-12103-03	Brace, 2x4
4	1	GE-12103-04	Back, Plywood
5	1	GE-12103-05	Top, Plywood
6	2	GE-12103-06	4" Hook Velcro, Adhesive Backed

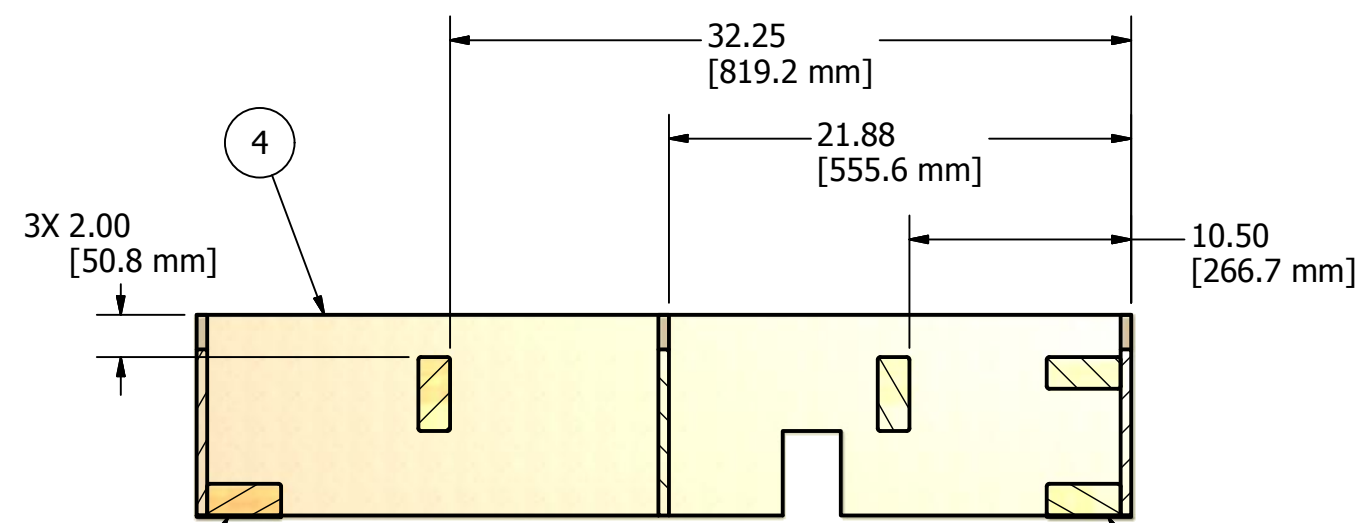
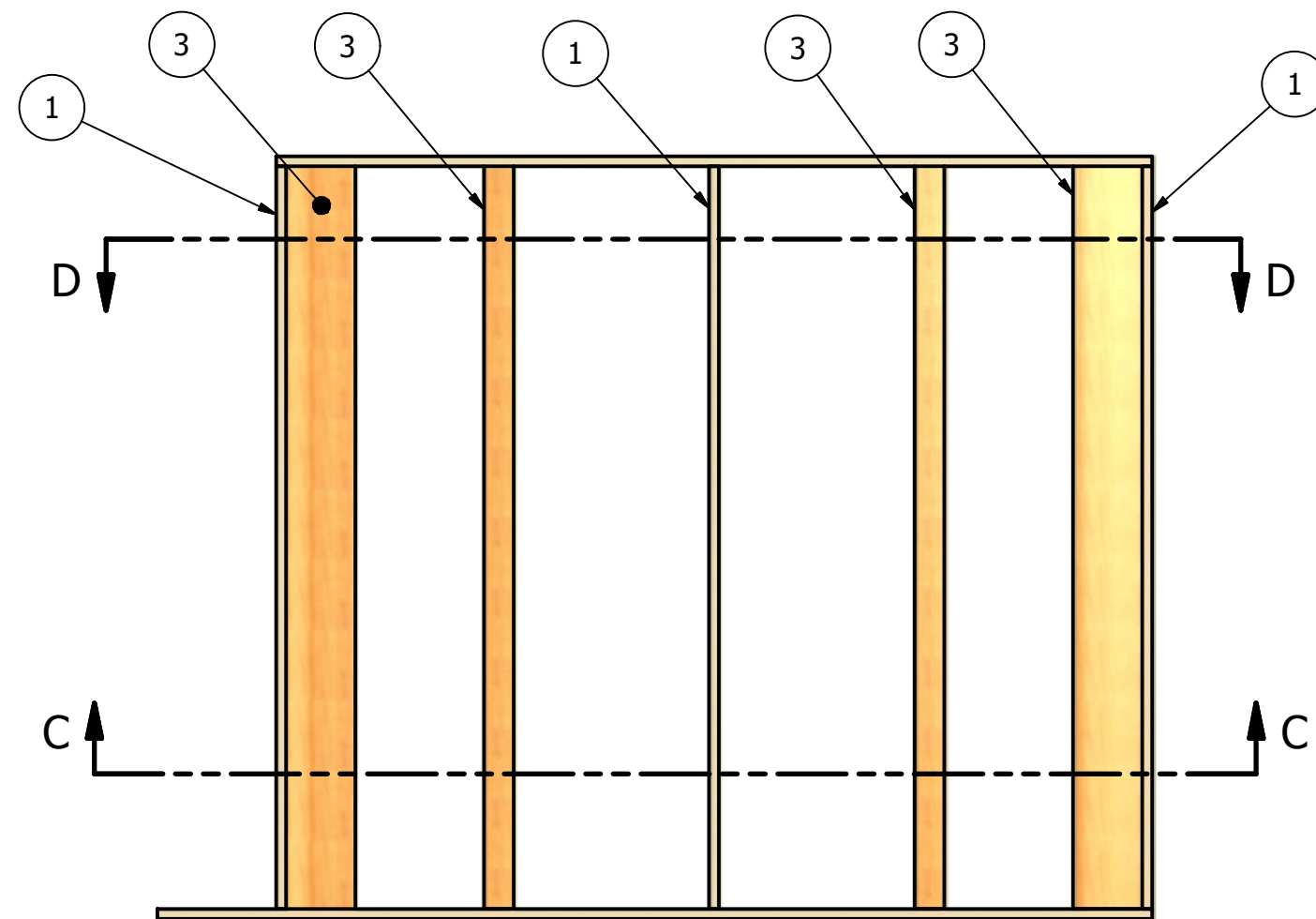
DRAWN dfoster		11/27/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Fender Assembly</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005					
ANGULAR		+/- .25 Deg.		SIZE		DWG NO	REV
				C		GE-12103	1
				SCALE			SHEET 1 OF 3



SECTION D-D
SCALE 0.11 : 1



Note: Top is hidden for clarity of support structure.

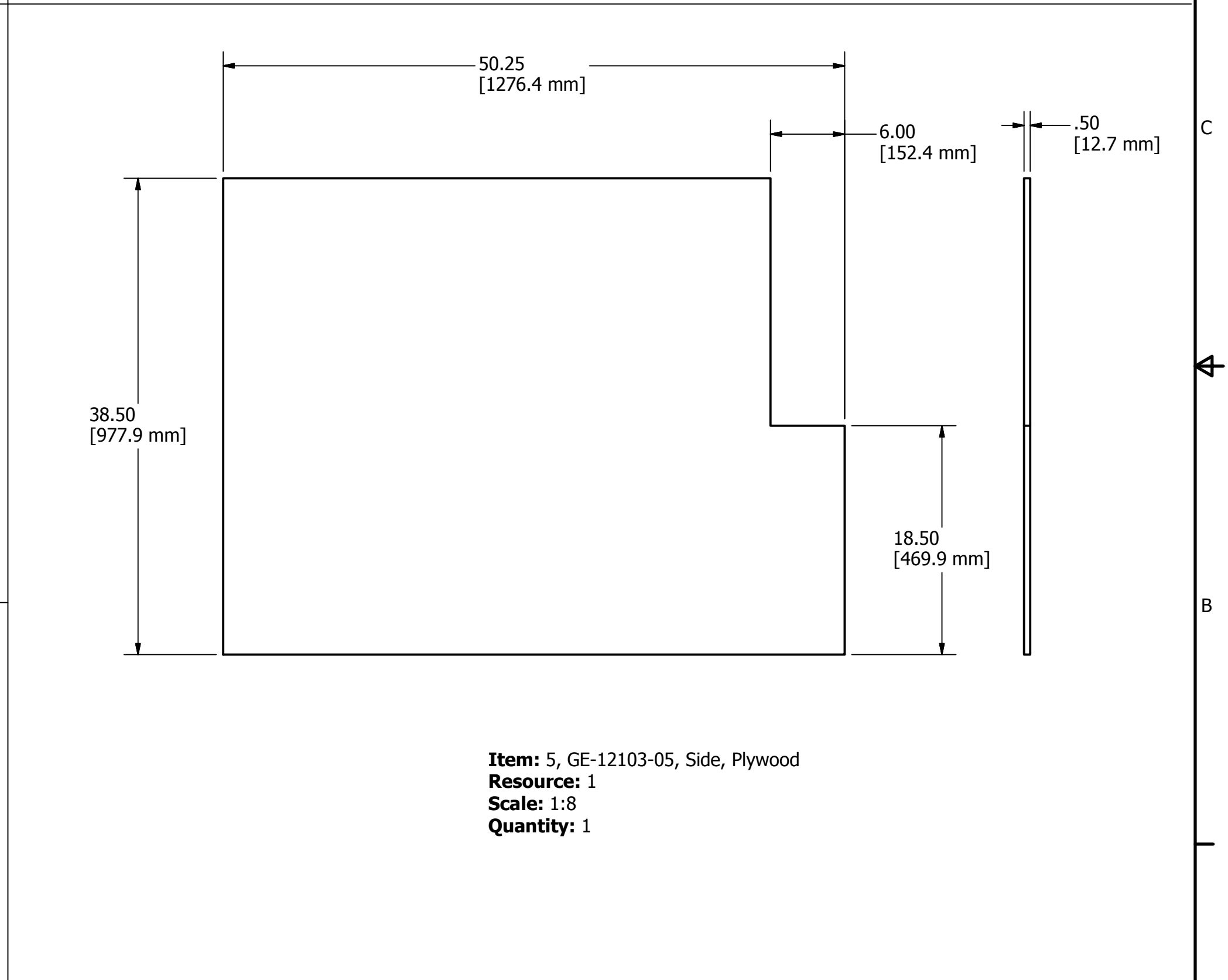
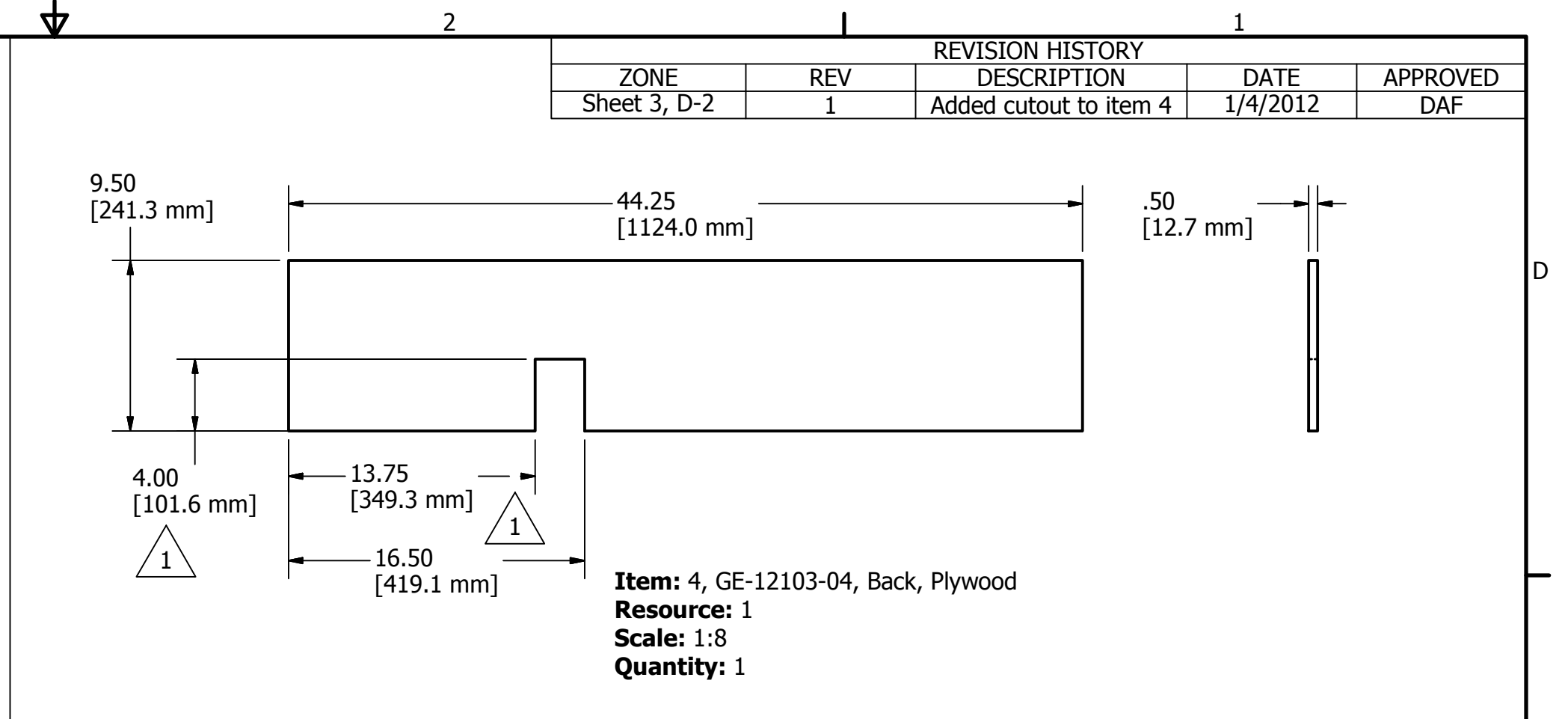
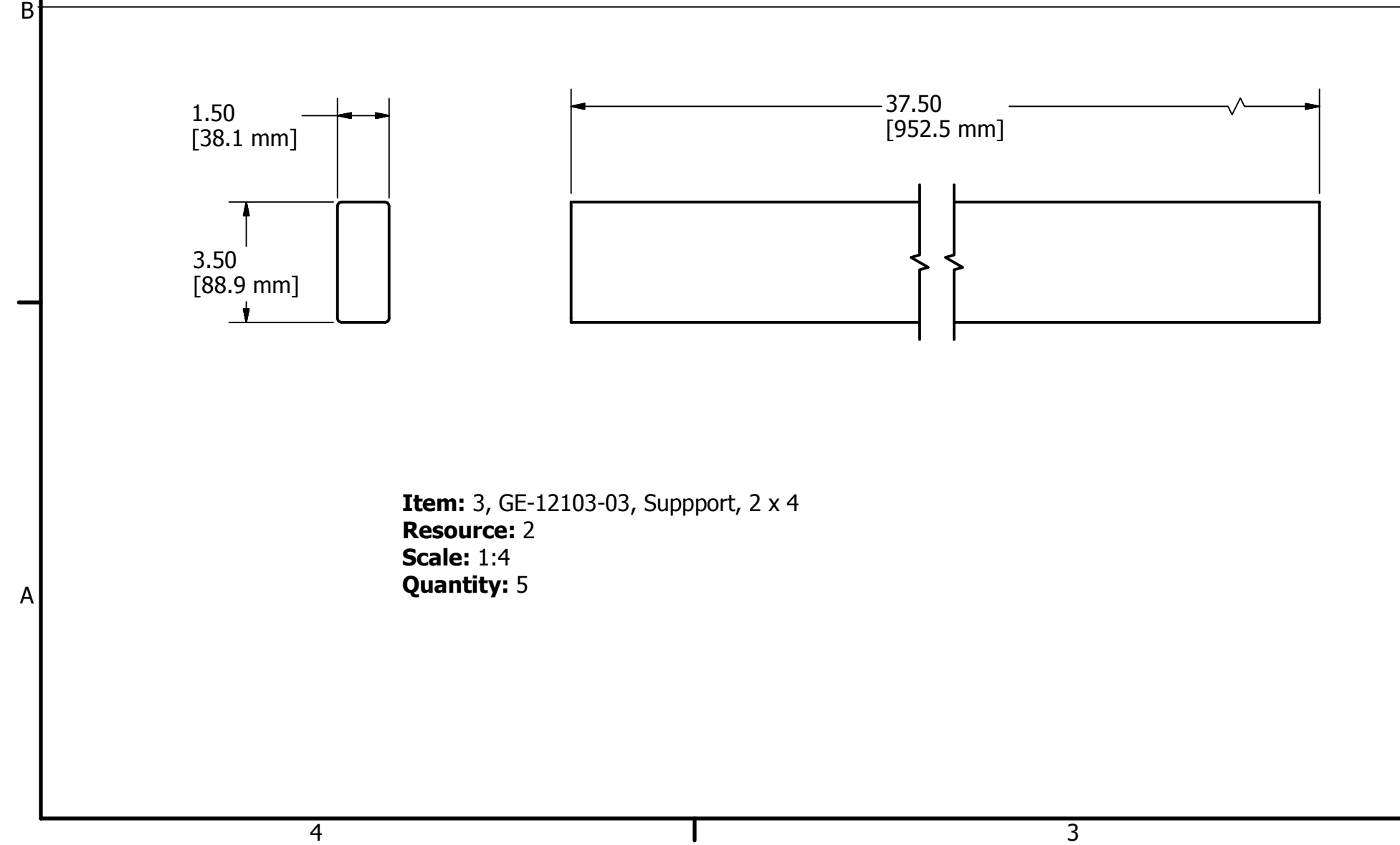
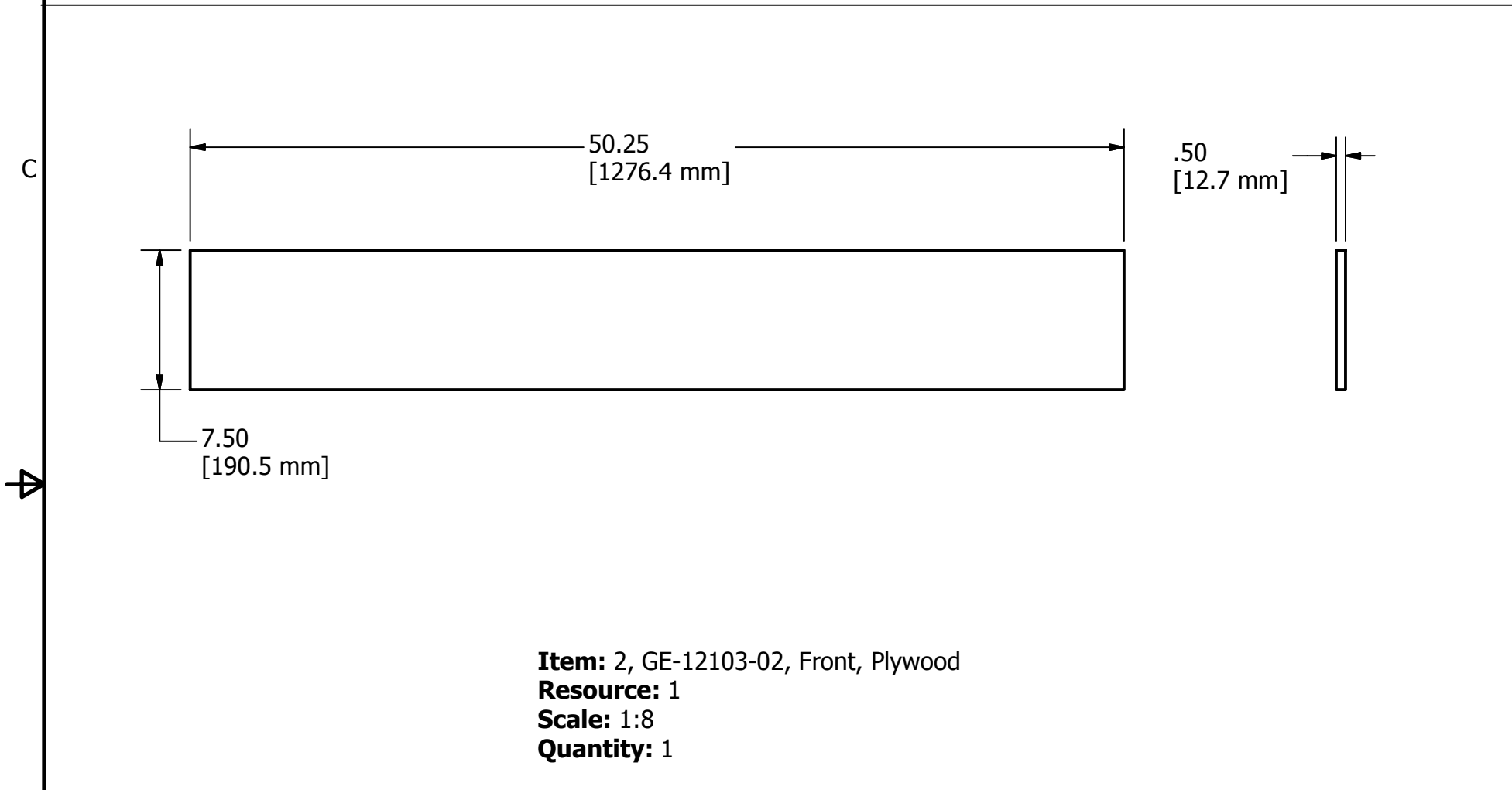
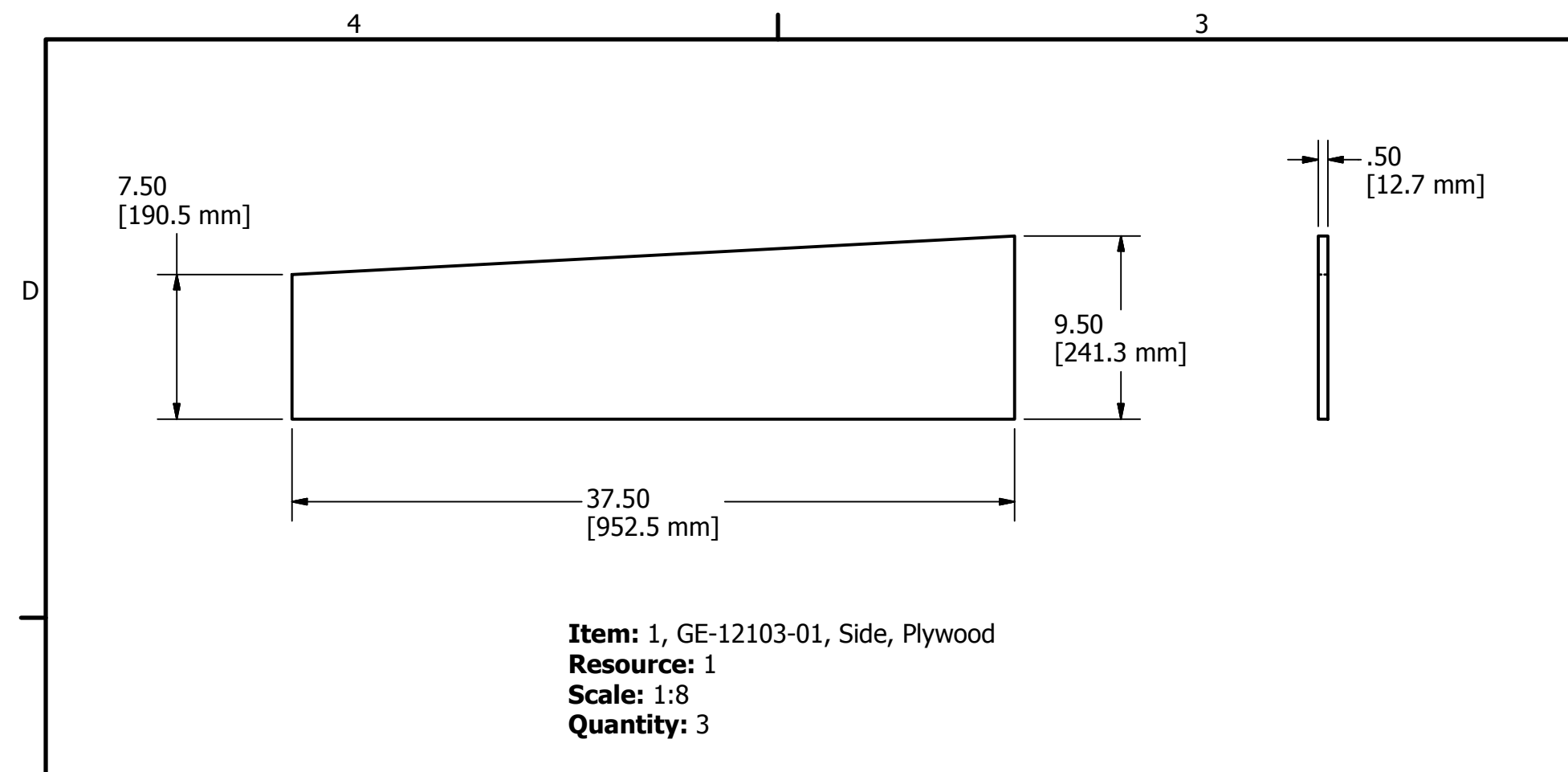


Item 6 to be adhered and stapled to the entire length of the 2 x 4 support.

SECTION C-C
SCALE 0.11 : 1

Item 6 to be adhered and stapled to the entire length of the 2 x 4 support.

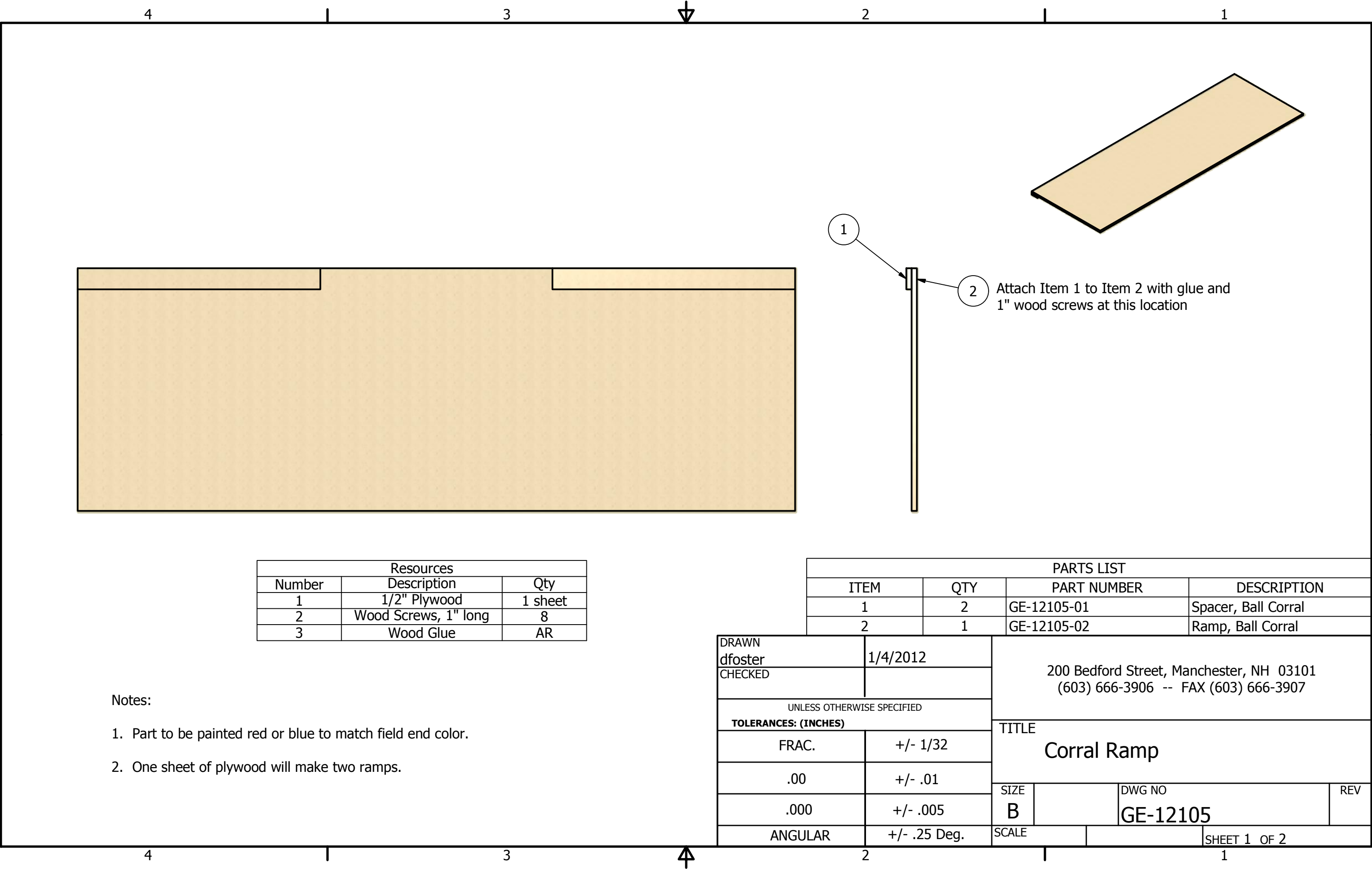
DRAWN dfoster		11/27/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101</div> <div>(603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED				<div>TITLE</div> <div>Fender Assembly</div>			
TOLERANCES: (INCHES)							
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE	DWG NO		REV
ANGULAR		+/- .25 Deg.		C	GE-12103		1
				SCALE		SHEET 2 OF 3	



DRAWN dfoster		11/27/2011		FIRST 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED					
UNLESS OTHERWISE SPECIFIED TOLERANCES: (INCHES)					
FRAC.	+/- 1/32		TITLE Fender Assembly		
.00	+/- .01				
.000	+/- .005				
ANGULAR	+/- .25 Deg.		SIZE C	DWG NO GE-12103	REV 1
SCALE			SHEET 3 OF 3		

Manufacturer: On Deck Sports
Description: #30 Nylon LAX Custom Netting Panel with rope border around the entire perimeter - Black - twisted knotted nylon
Overall Size : 22' 2" x 48"
Part Number: #SNCUSNP-30L-B
Sold at: www.ondecksports.com

DRAWN dfoster	11/28/2011	FIRST 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED					
UNLESS OTHERWISE SPECIFIED		TITLE Net, End Panel			
TOLERANCES: (INCHES)					
FRAC.	+/- 1/32				
.00	+/- .01	SIZE B			
.000	+/- .005				
ANGULAR	+/- .25 Deg.				
		SCALE		DWG NO GE-12104	REV
				SHEET 1 OF 1	



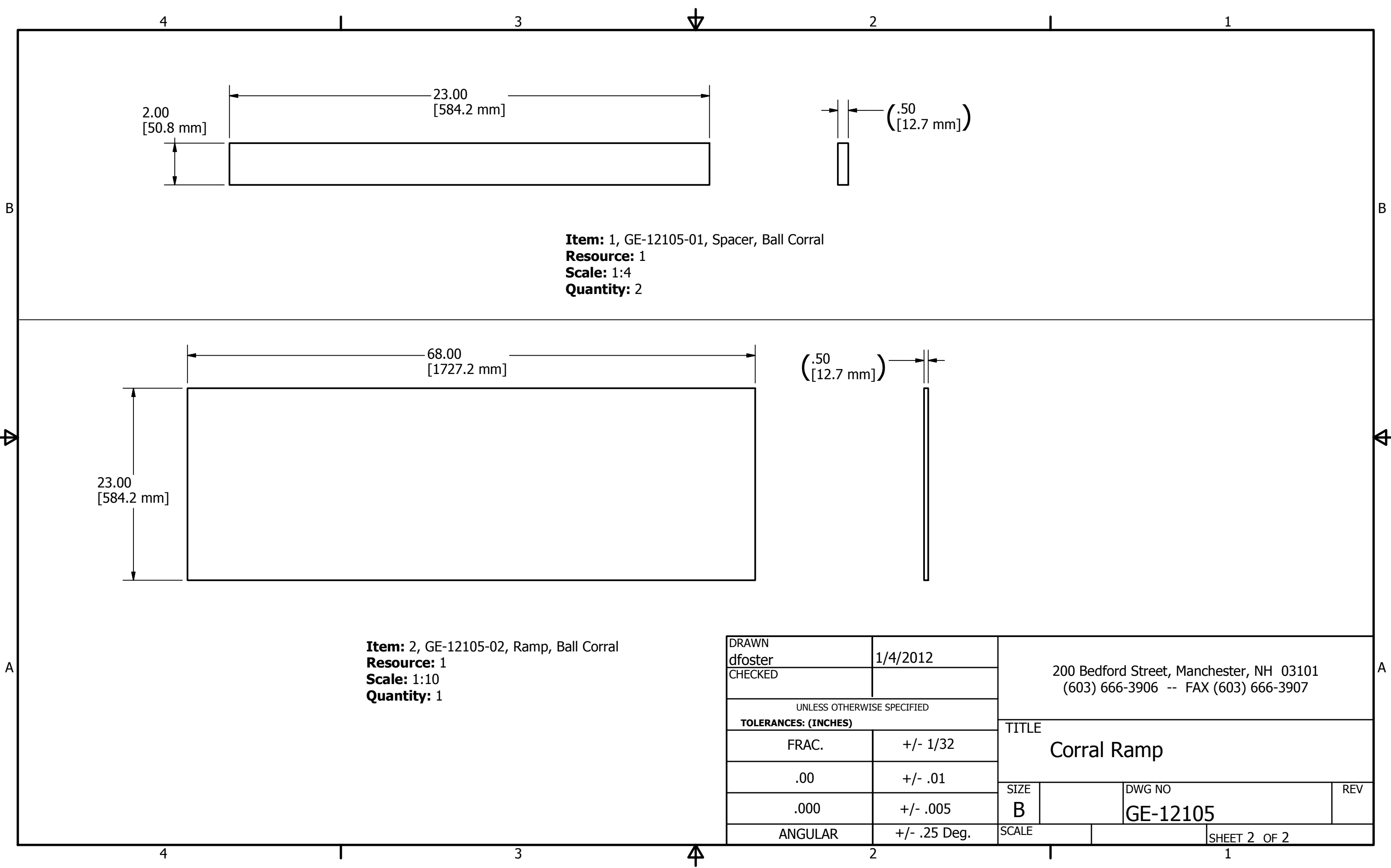
Resources		
Number	Description	Qty
1	1/2" Plywood	1 sheet
2	Wood Screws, 1" long	8
3	Wood Glue	AR

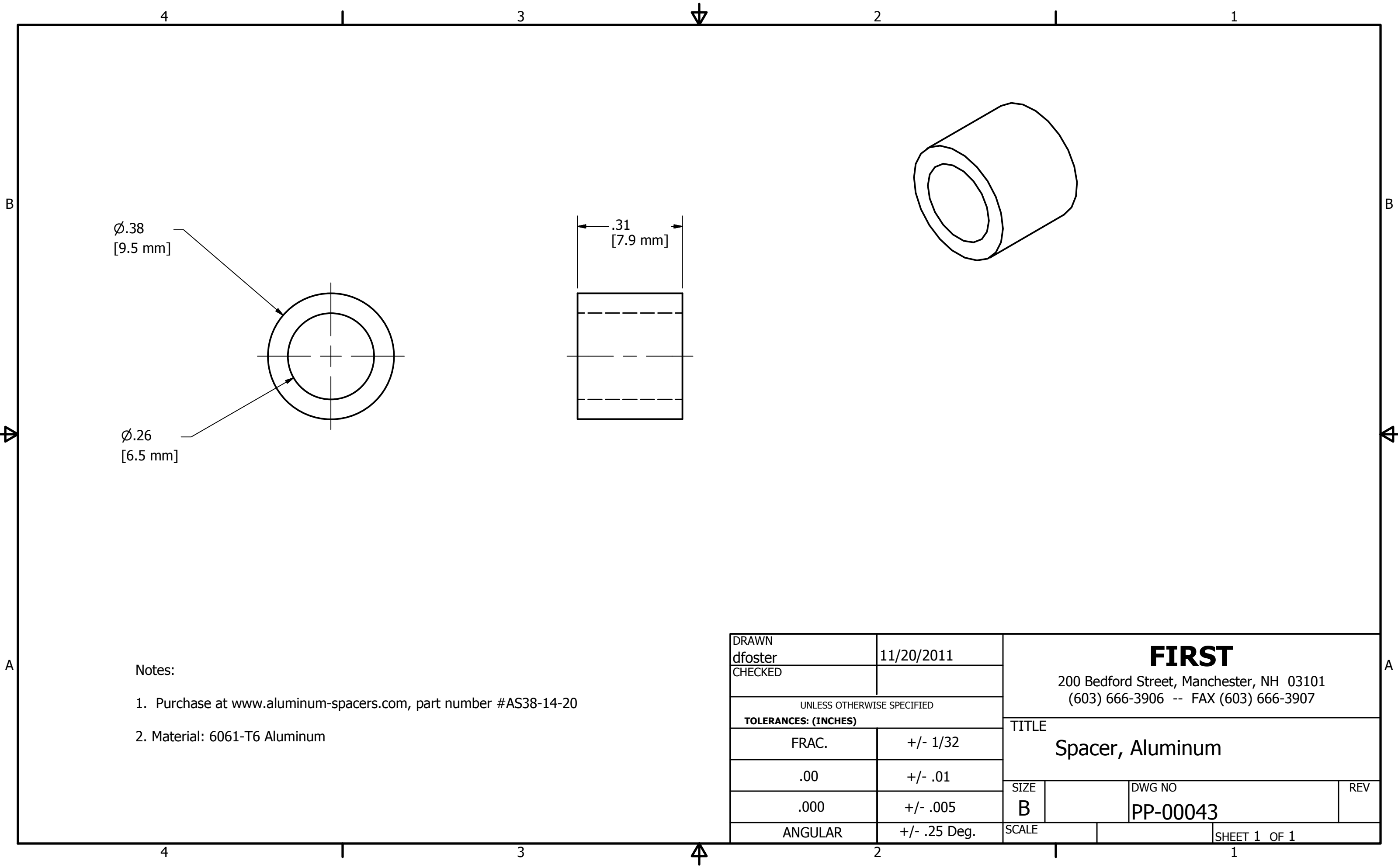
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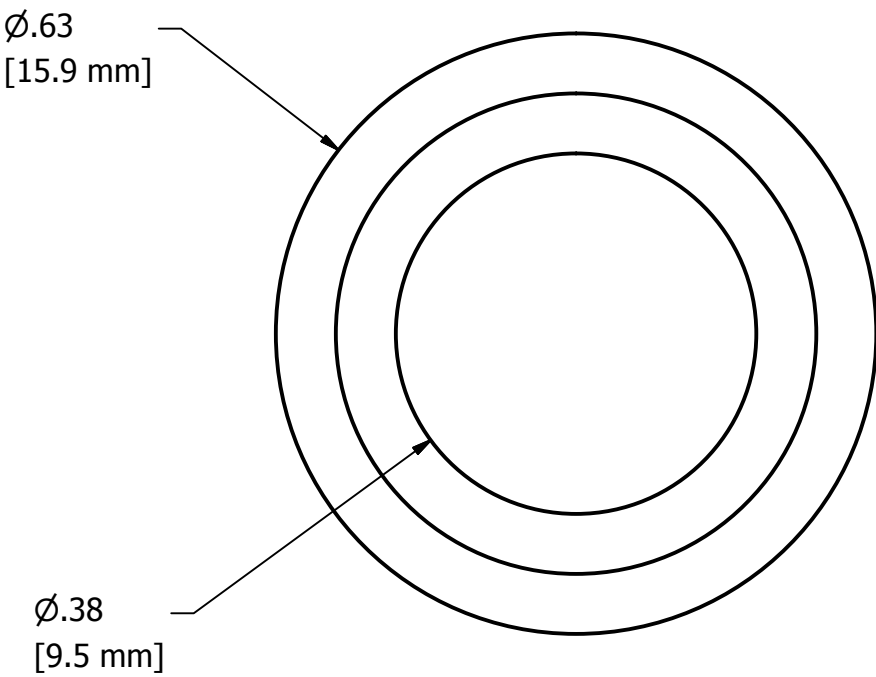
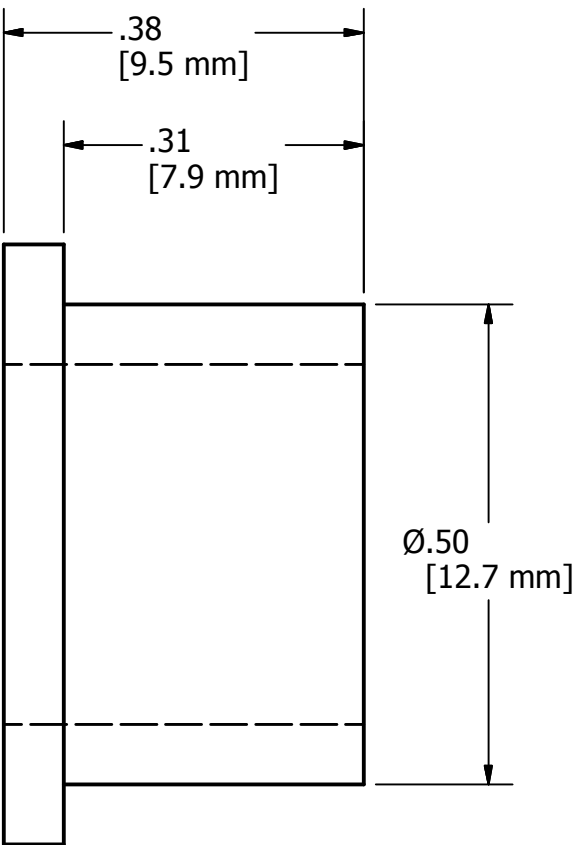
- 1. Part to be painted red or blue to match field end color.
- 2. One sheet of plywood will make two ramps.

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	GE-12105-01	Spacer, Ball Corral
2	1	GE-12105-02	Ramp, Ball Corral

DRAWN dfoster		1/4/2012		200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907			
CHECKED							
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)				TITLE Corral Ramp			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE		DWG NO	REV
				B		GE-12105	
ANGULAR		+/- .25 Deg.		SCALE		SHEET 1 OF 2	







Notes:

Manufacturer: Igus
Part number: MFI-0608-06
Description: M250 Flange Bearing, 3/8 shaft size, 3/8" Length,
1/2 housing bore.

DRAWN dfoster		11/28/2011		<div>FIRST</div> <div>200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907</div>			
CHECKED							
UNLESS OTHERWISE SPECIFIED							
TOLERANCES: (INCHES)				TITLE Bearing, Flange			
FRAC.		+/- 1/32					
.00		+/- .01					
.000		+/- .005		SIZE		DWG NO	REV
				B		PP-00065	
ANGULAR		+/- .25 Deg.		SCALE			SHEET 1 OF 1