

1

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MODEL NAME FE-00104	TITLE Shelf, Corner Station
------------------------	--------------------------------

D

D

C

C

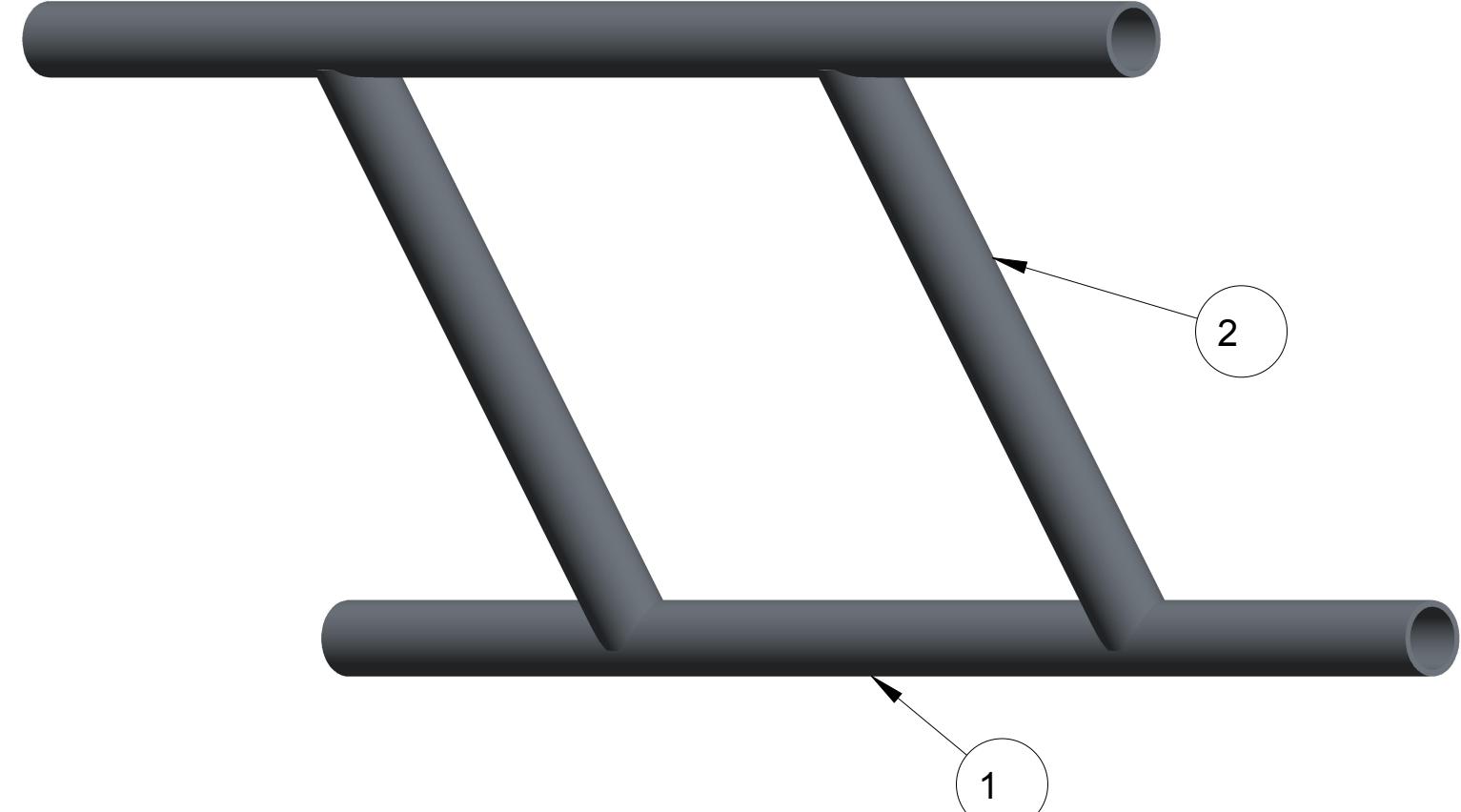
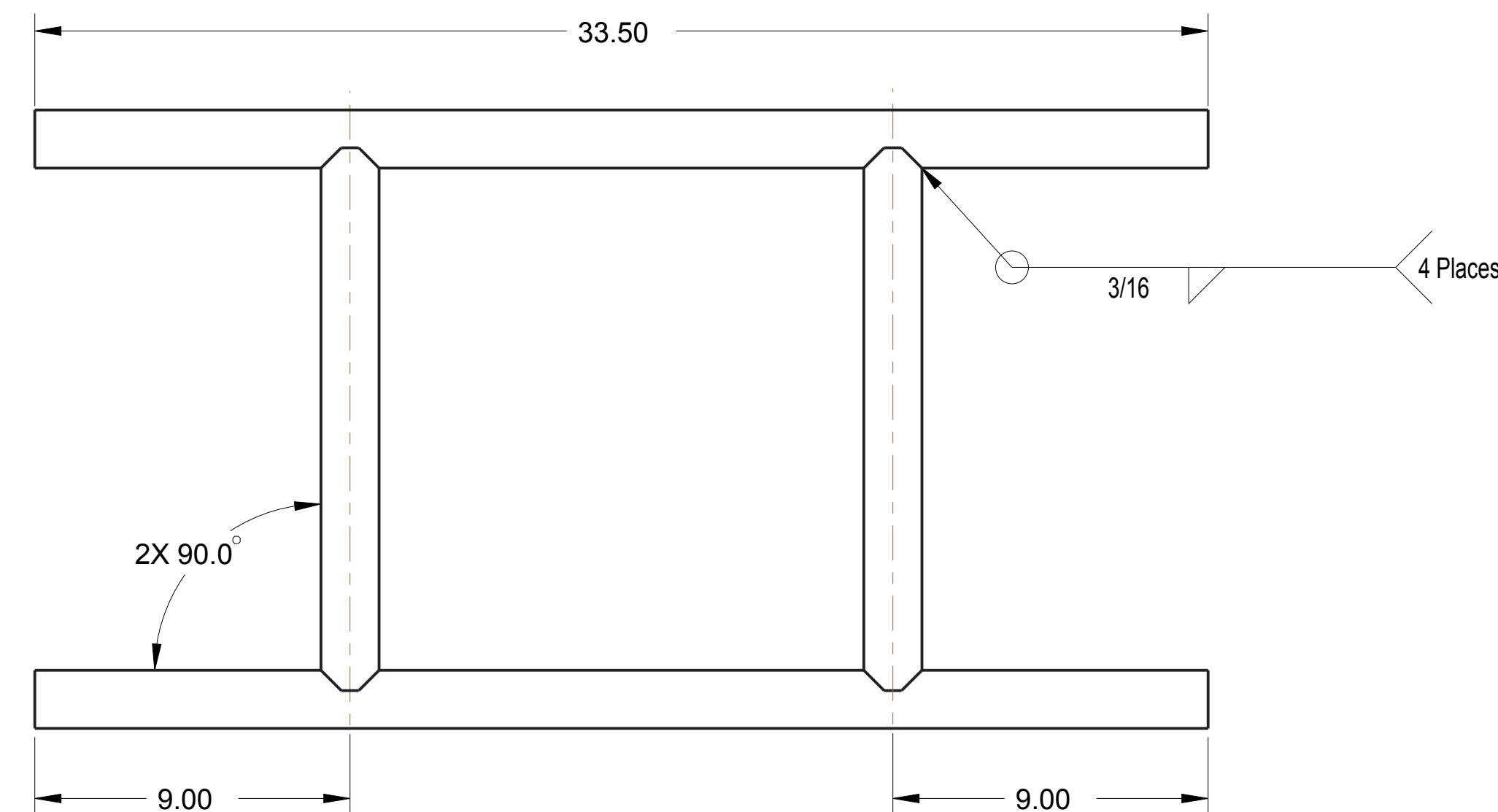
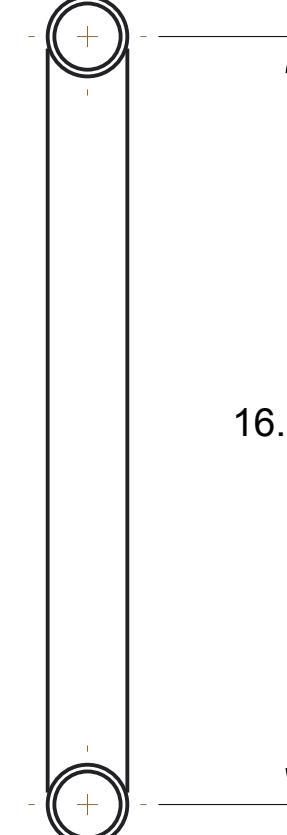
B

B

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A

ITEM NO	PART NUMBER	QTY	DESCRIPTION	MATERIAL
1	FE-00104-01	2	Shelf Leg	1.25" Schedule 40 Pipe, 6061 Aluminum
2	FE-00104-02	2	Cross Brace	1.25" Schedule 40 Pipe, 6061 Aluminum



  UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:4	SHEET 1 OF 2
DO NOT SCALE	TITLE Shelf, Corner Station	
	PROJECT	MODEL NAME FE-00104
	ISSUE	

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ASME STANDARD,INCH

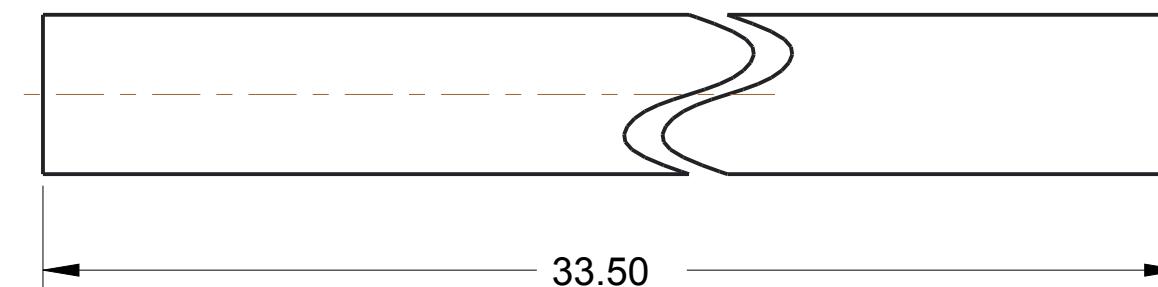
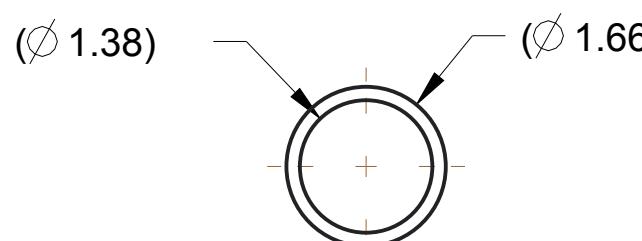
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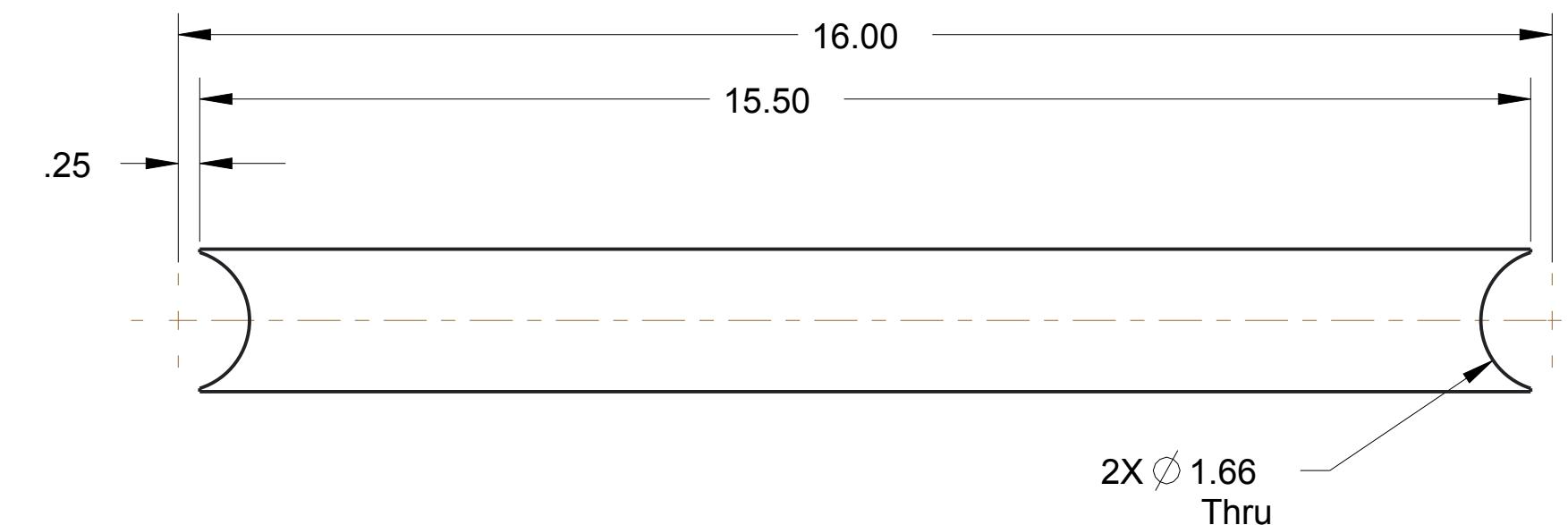
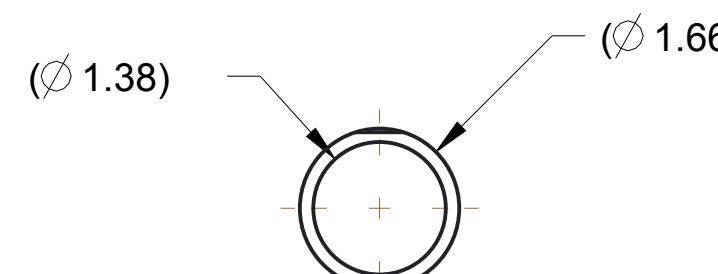
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MODEL NAME FE-00104	TITLE Shelf, Corner Station
------------------------	--------------------------------



Item: FE-00104-01, Shelf Leg  
Material: 1.25" Schedule 40 Pipe, 6061 Aluminum  
Scale: 1/2  
Qty: 2



Item: FE-00104-02, Cross Brace  
Material: 1.25" Schedule 40 Pipe, 6061 Aluminum  
Scale: 1/2  
Qty: 2

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:4	SHEET 2 OF 2
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1	TITLE Shelf, Corner Station	
DO NOT SCALE	PROJECT	MODEL NAME FE-00104
		ISSUE

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MODEL NAME FE-00106	TITLE Shelf, Corner Station
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D

D

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C

B

B

A

A

ITEM NO	PART NUMBER	QTY	DESCRIPTION	MATERIAL
1	FE-00106-01	2	fe-00106-01.prt	1.25" Schedule 40 Pipe, 6061 Aluminum
2	FE-00106-02	2	fe-00106-02.prt	1.25" Schedule 40 Pipe, 6061 Aluminum

Shelf, Corner Station

16.00

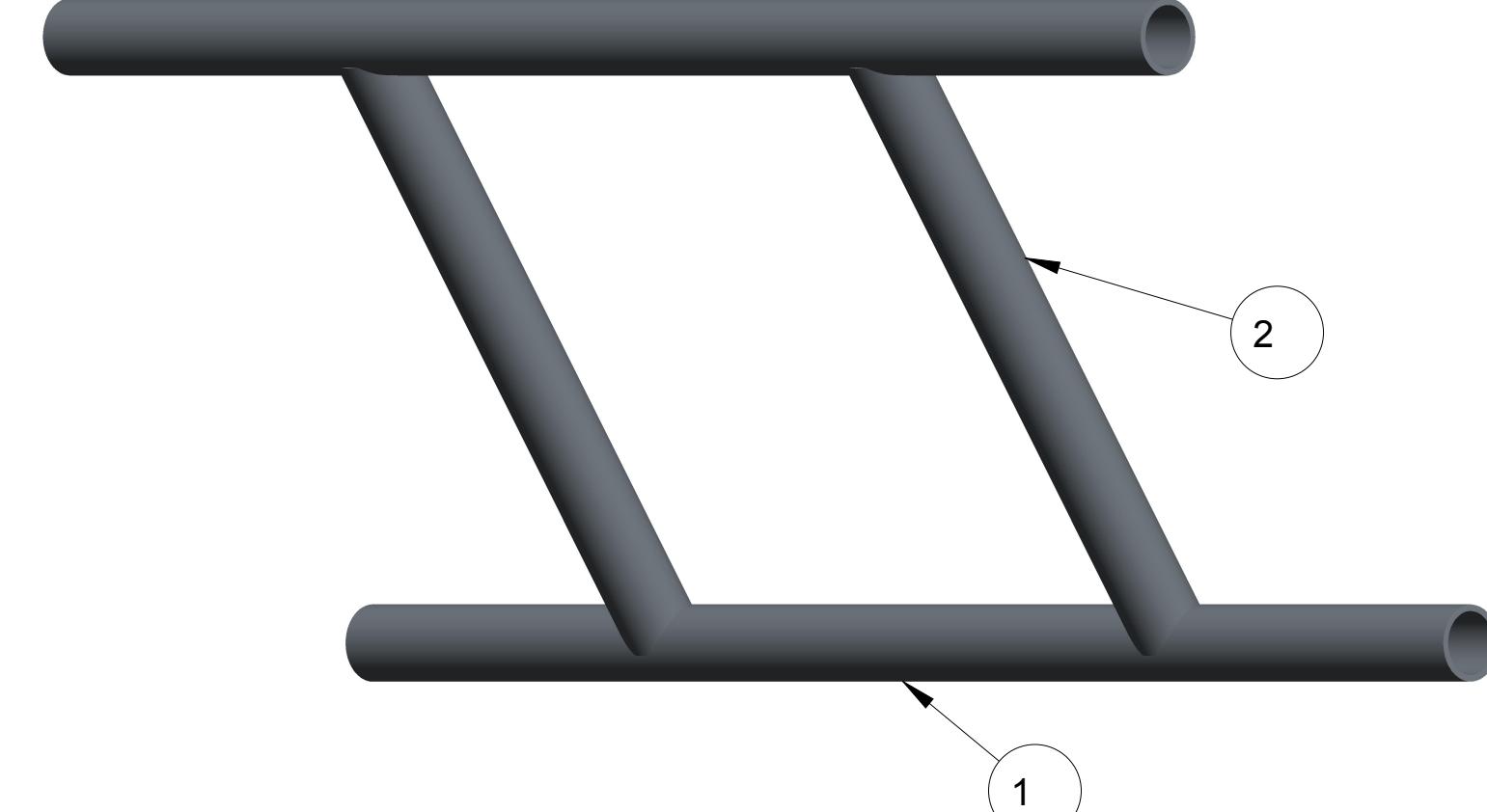
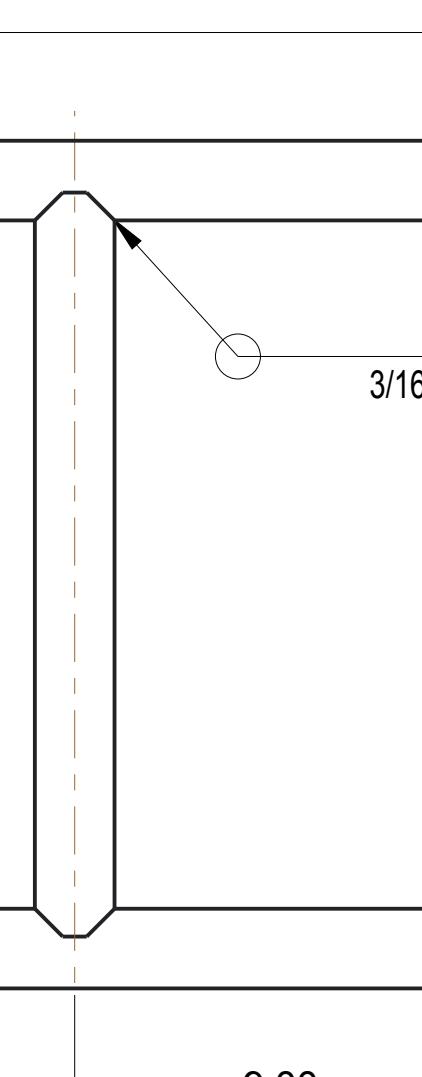
33.50

3/16 4 Places

2X 90.0°

9.00

9.00



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ASME STANDARD, INCH

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:4	SHEET 1 OF 2
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	TITLE Shelf, Corner Station		
DO NOT SCALE	PROJECT	MODEL NAME FE-00106	ISSUE

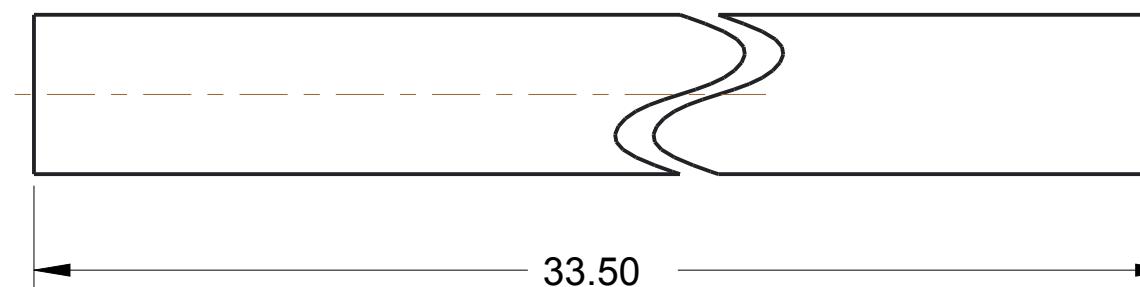
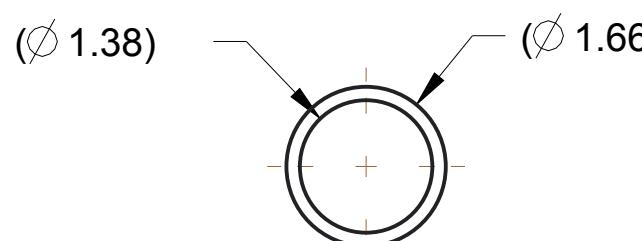
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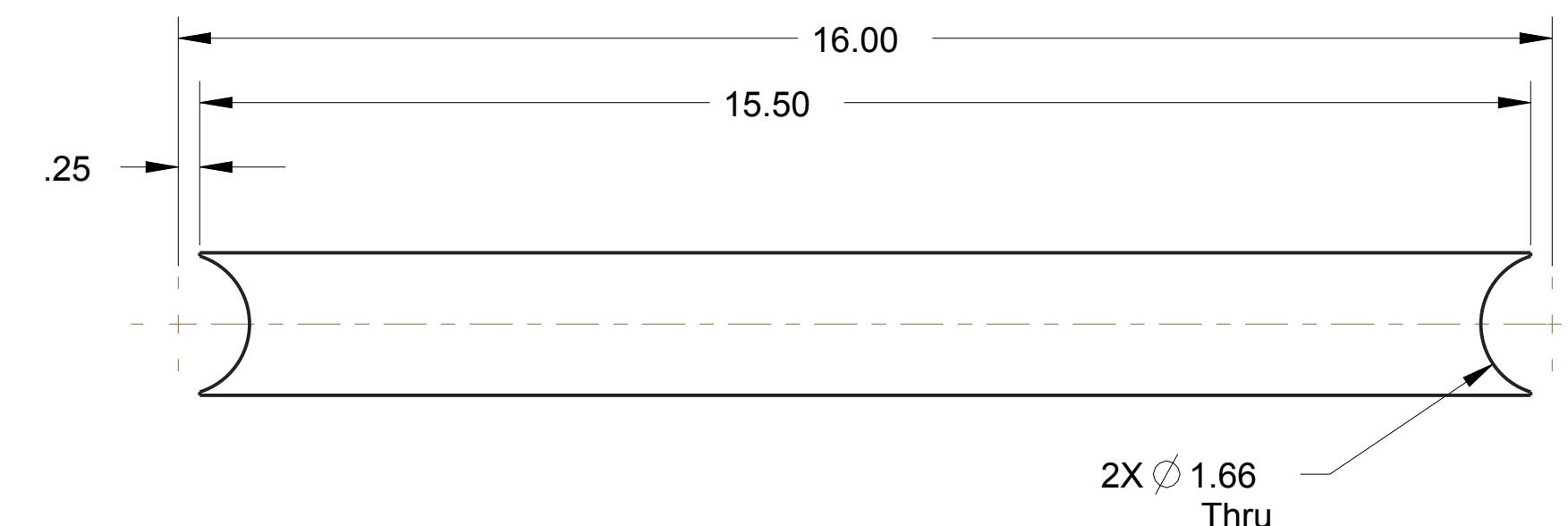
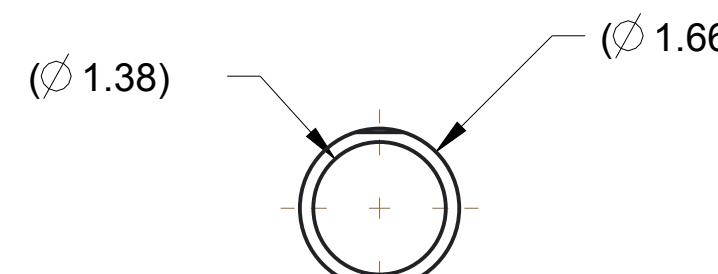
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MODEL NAME FE-00106	TITLE Shelf, Corner Station
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Item: FE-00104-01, Shelf Leg  
Material: 1.25" Schedule 40 Pipe, 6061 Aluminum  
Scale: 1/2  
Qty: 2

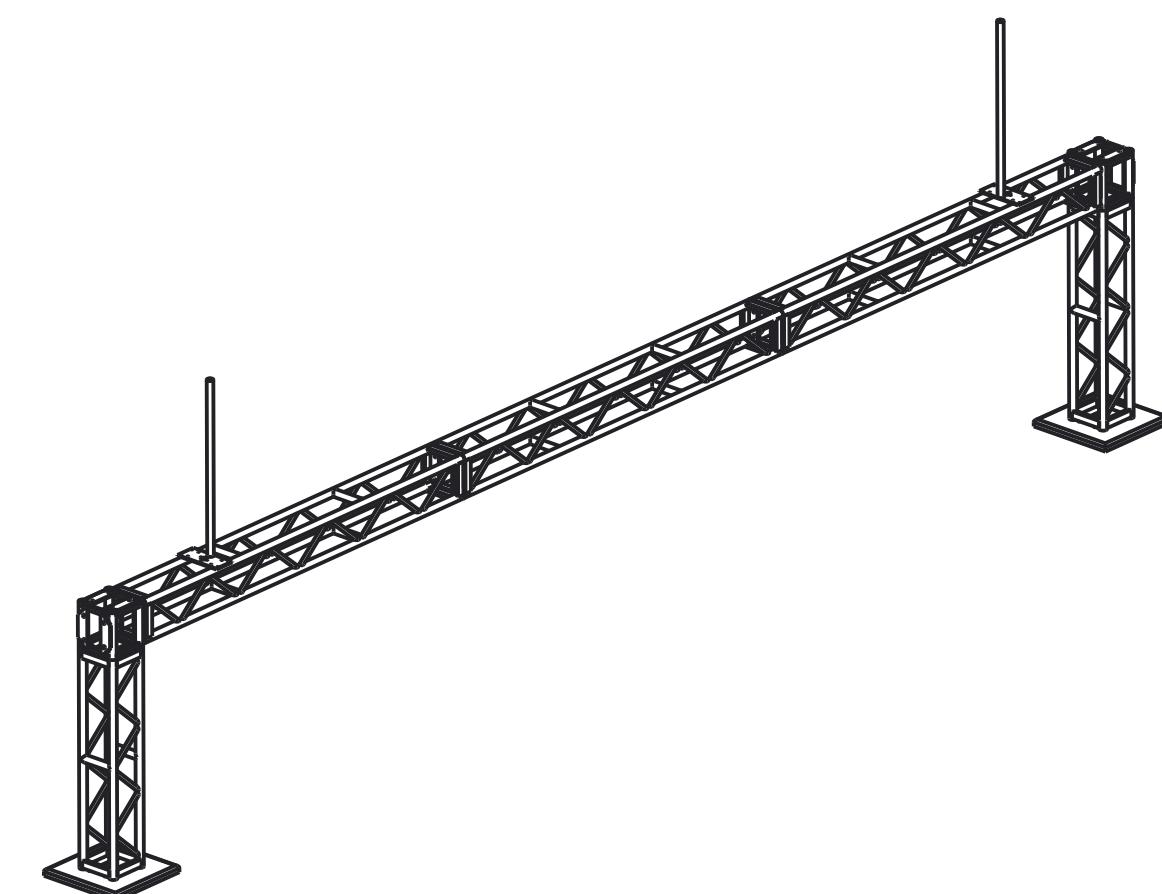
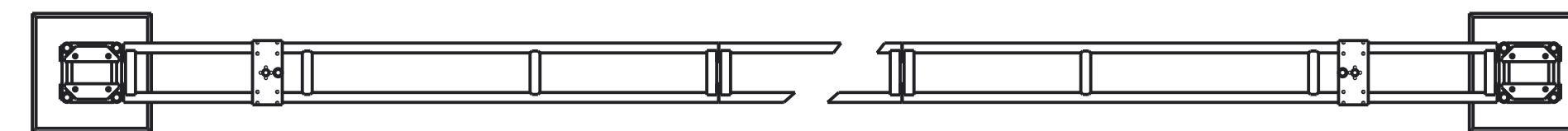


Item: FE-00104-02, Cross Brace  
Material: 1.25" Schedule 40 Pipe, 6061 Aluminum  
Scale: 1/2  
Qty: 2

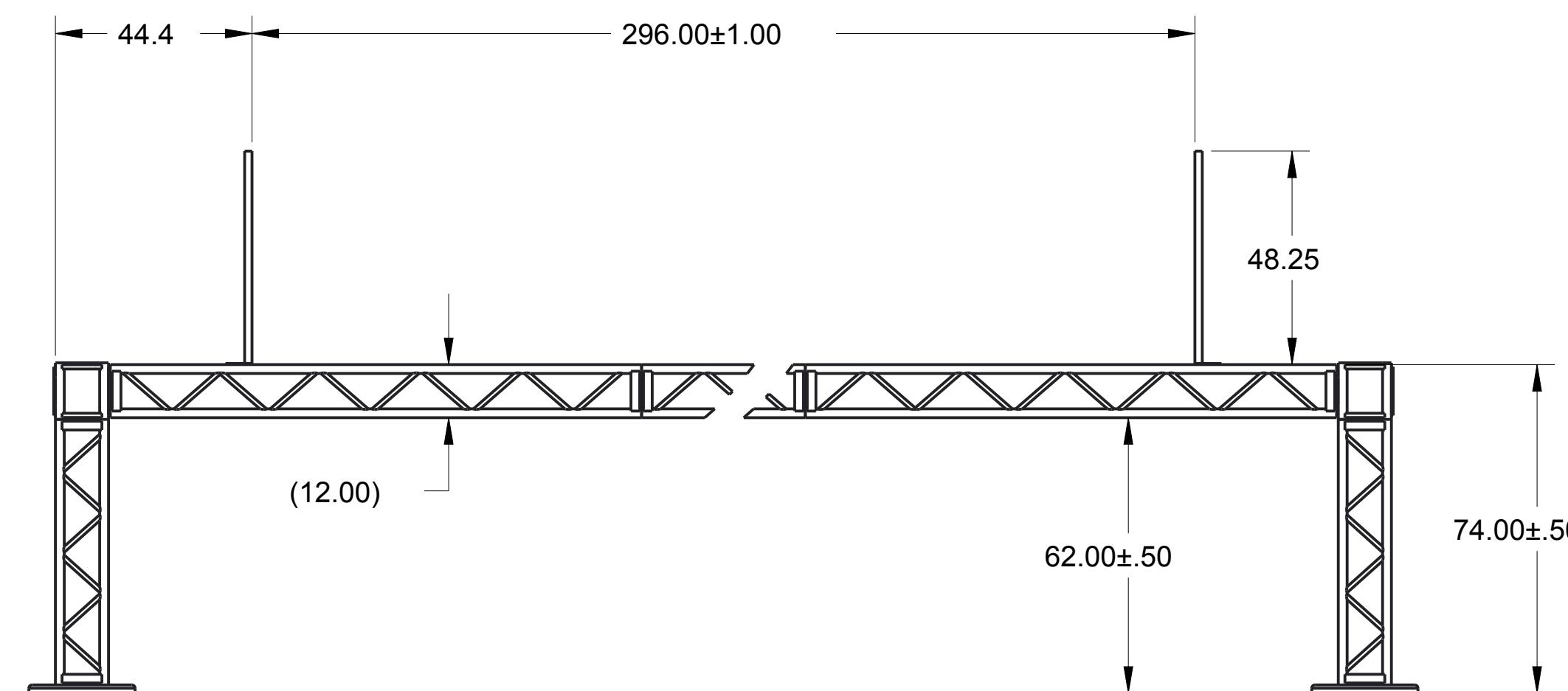
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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:4	SHEET 2 OF 2
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1	TITLE Shelf, Corner Station	
DO NOT SCALE	PROJECT	MODEL NAME FE-00106
		ISSUE

MODEL NAME  
GE-14000

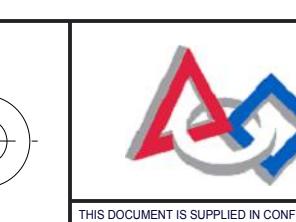
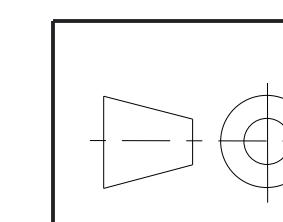
TITLE  
Truss Assembly



SCALE 1:48



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-14001	3	Truss, 10' Section	
2	GE-14002	2	Truss, 5' Section	
3	GE-14003	2	Truss, Square	
4	GE-14004	2	Truss Baseplate	
5	GE-14008	2	Truss OB Pole	

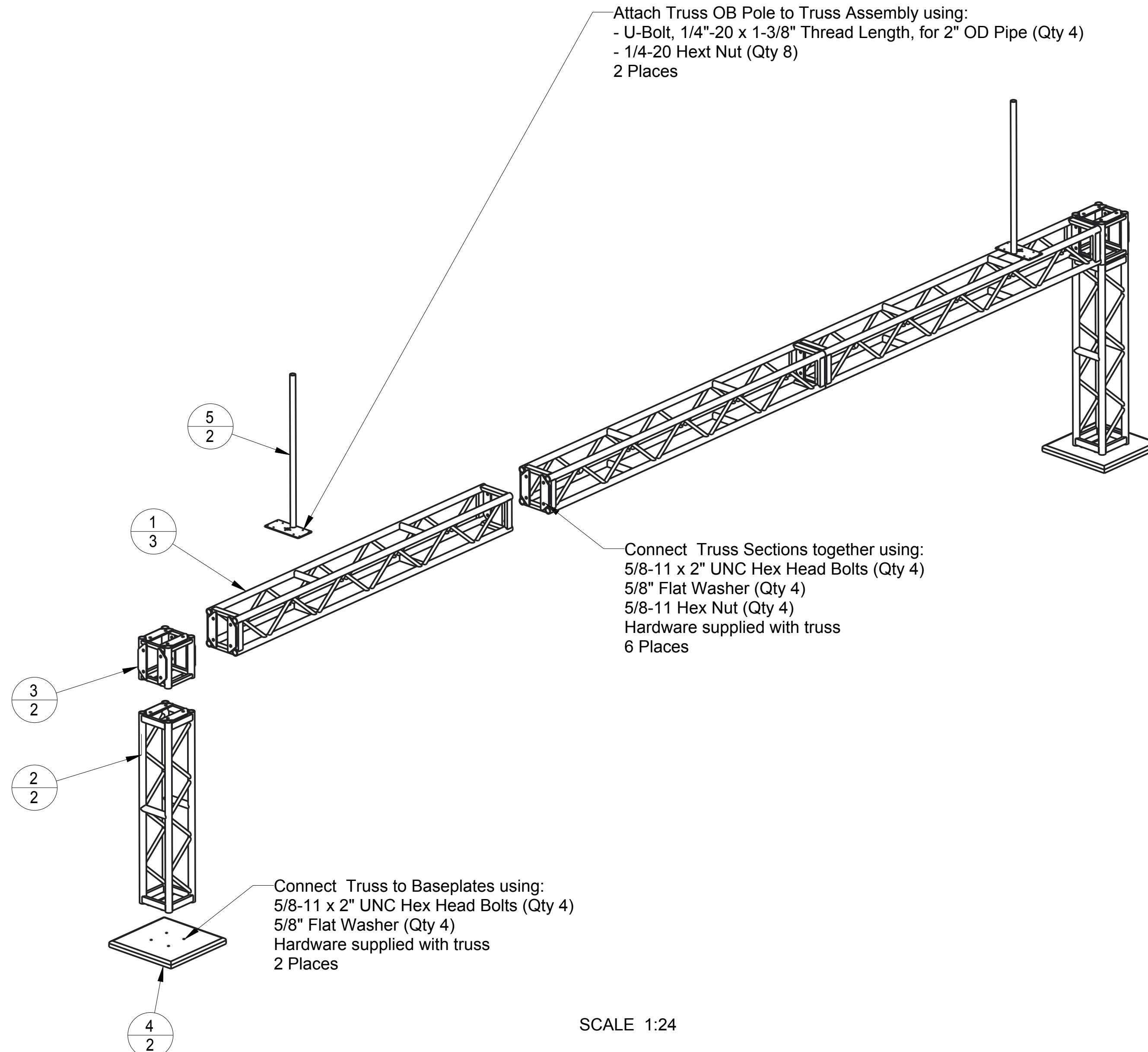


UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:32	SHEET 1 OF 2

DO NOT SCALE

TITLE	Truss Assembly		
PROJECT	MODEL NAME	GE-14000	ISSUE

MODEL NAME GE-14000	TITLE Truss Assembly
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SCALE 1:24

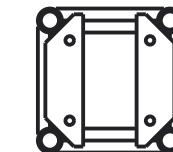
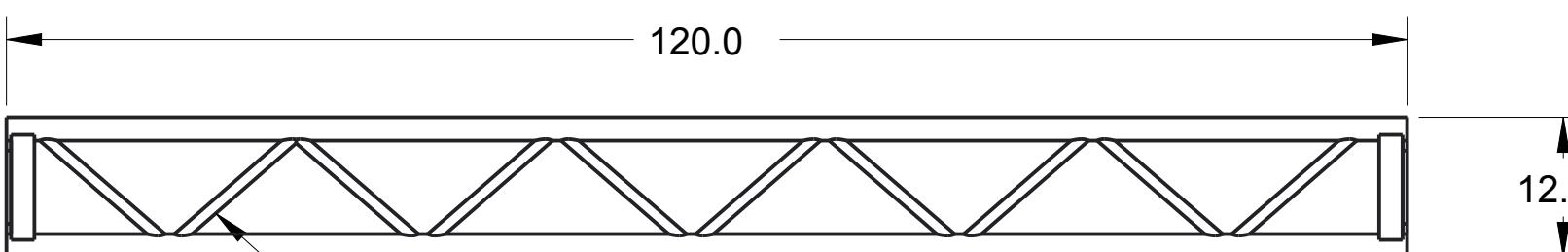
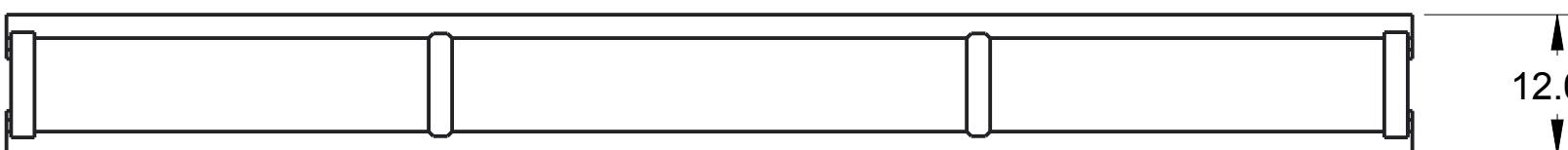
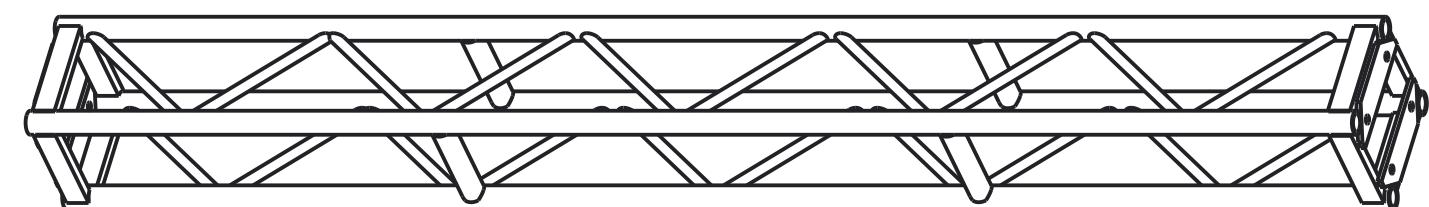
<small>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREON OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION</small>	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:32	SHEET 2 OF 2
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1	TITLE Truss Assembly	
DO NOT SCALE	PROJECT	MODEL NAME GE-14000
		ISSUE

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MODEL NAME  
GE-14001TITLE  
Truss, 10' Section

2" OD x .125" Thick Aluminum Tube

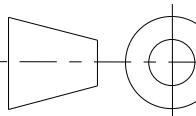
1" OD x .125" Thick Aluminum Tube

Description: General Purpose (GP) 1 ft. x 1 ft. Square Truss

Part Number: B0700

Manufacturer: James Thomas Engineering (or similar)

Website: [www.jthomaseng.com/general-purpose-truss.html](http://www.jthomaseng.com/general-purpose-truss.html)

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:16	SHEET 1 OF 1
DO NOT SCALE	TITLE	Truss, 10' Section	
PROJECT	MODEL NAME	GE-14001	ISSUE

UNLESS OTHERWISE SPECIFIED ALL  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
XX +/- 0.1  
XXX +/- 0.01  
XXXX +/- 0.001  
ANG +/- 1

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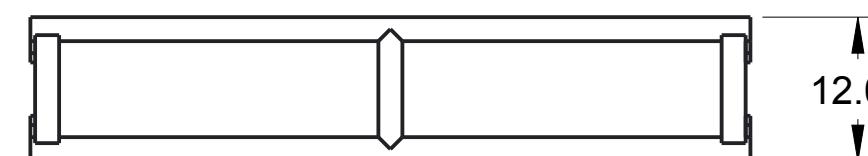
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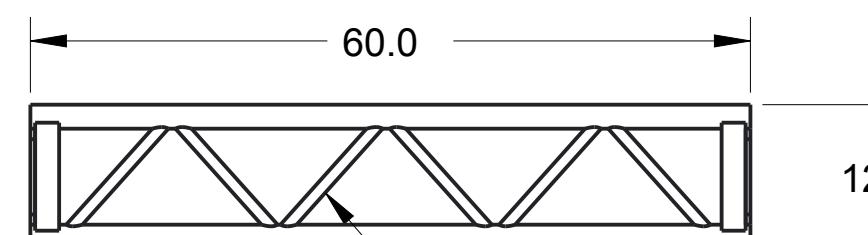
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4

MODEL NAME  
GE-14002TITLE  
Truss, 5' Section

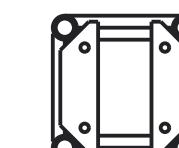
2" OD x .125" thick Aluminum Tube

12.0



1" OD x .125" thick Aluminum Tube

12.0



Description: General Purpose (GP) 1 ft. x 1 ft. Square Truss  
 Part Number: B0702  
 Manufacturer: James Thomas Engineering (or similar)  
 Website: [www.jthomaseng.com/general-purpose-truss.html](http://www.jthomaseng.com/general-purpose-truss.html)

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UNLESS OTHERWISE SPECIFIED ALL  
 DIMENSIONS ARE IN INCHES.  
 TOLERANCES ARE:  
 XX +/- 0.1  
 XXX +/- 0.01  
 XXXX +/- 0.001  
 ANG +/- 1

DO NOT SCALE



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CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:16	SHEET 1 OF 1

TITLE  
Truss, 5' Section

PROJECT

MODEL NAME  
GE-14002

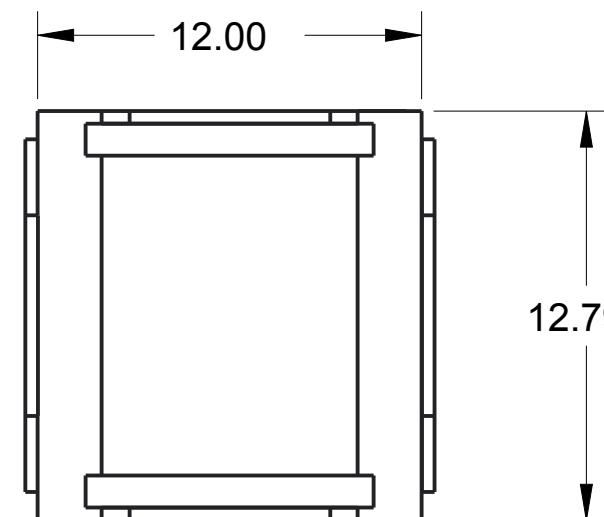
ISSUE

MODEL NAME  
GE-14003

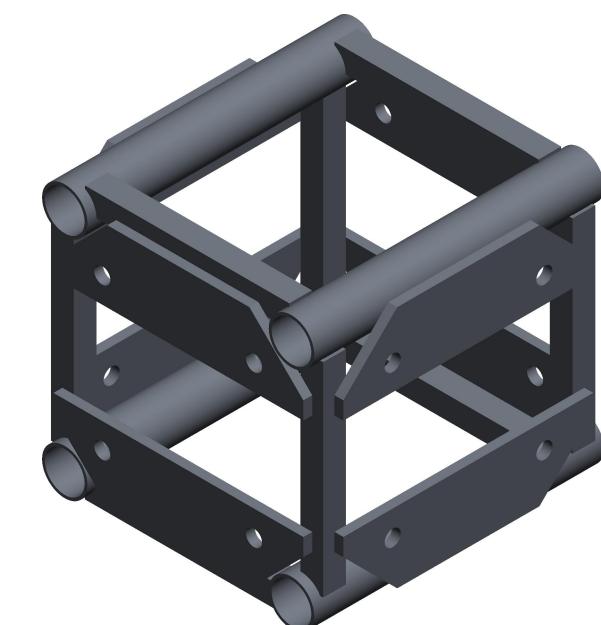
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TITLE  
Truss Square

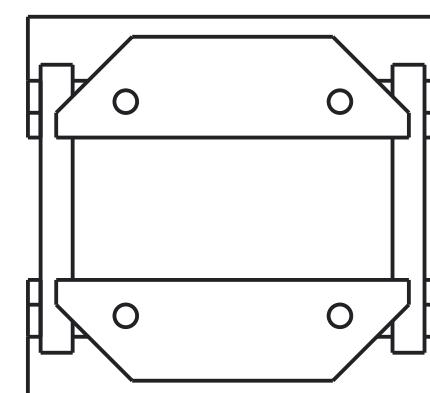
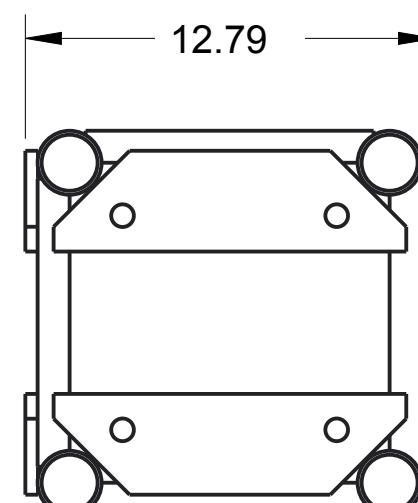
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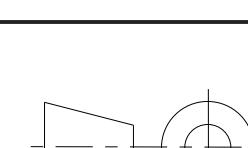


Description: General Purpose (GP) 1 ft. x 1 ft. 4 Way Corner Block

Part Number: B4706

Manufacturer: James Thomas Engineering (or similar)

Website: [www.jthomaseng.com/general-purpose-truss.html](http://www.jthomaseng.com/general-purpose-truss.html)



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CHECKED BY	DATE
APPROVED BY	DATE

SCALE 1:6 SHEET 1 OF 1

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
XX +/- 0.1  
XXX +/- 0.01  
XXXX +/- 0.001  
ANG +/- 1

DO NOT SCALE

TITLE		Truss Square	
PROJECT	MODEL NAME	GE-14003	ISSUE

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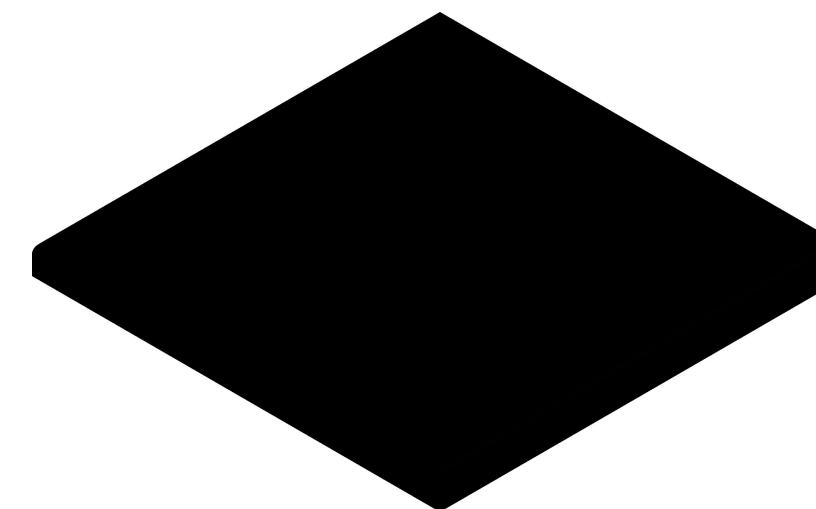
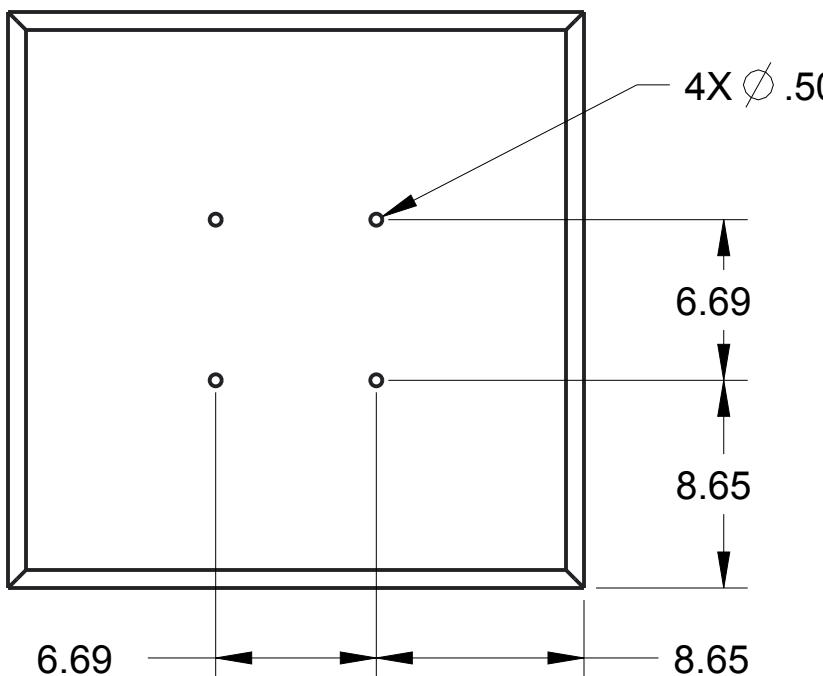
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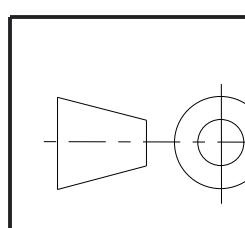
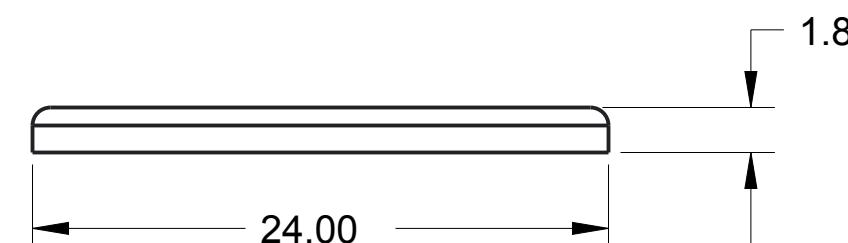
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MODEL NAME  
GE-14004TITLE  
Truss Baseplate

Description: Truss Base Plate (24" x 24") for 12" x 12" GP Truss  
 Part Number: B4620  
 Manufacturer: James Thomas Engineering (or similar)  
 Website: [www.jthomaseng.com/general-purpose-truss.html](http://www.jthomaseng.com/general-purpose-truss.html)



DO NOT SCALE  
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.  
 TOLERANCES ARE:  
 XX +/- 0.1  
 XXX +/- 0.01  
 XXXX +/- 0.001  
 ANG +/- 1

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CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:8	SHEET 1 OF 1
TITLE	Truss Baseplate
PROJECT	MODEL NAME GE-14004
	ISSUE

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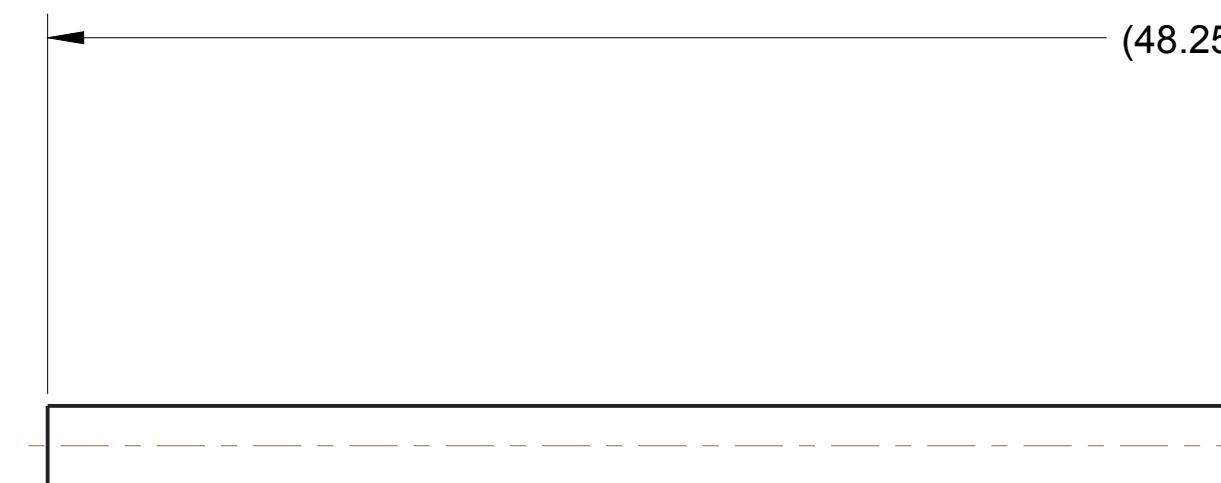
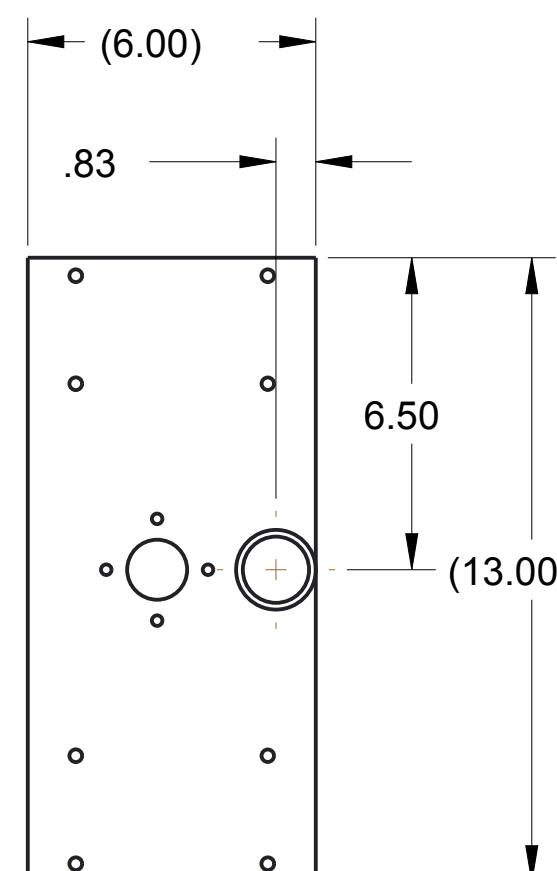
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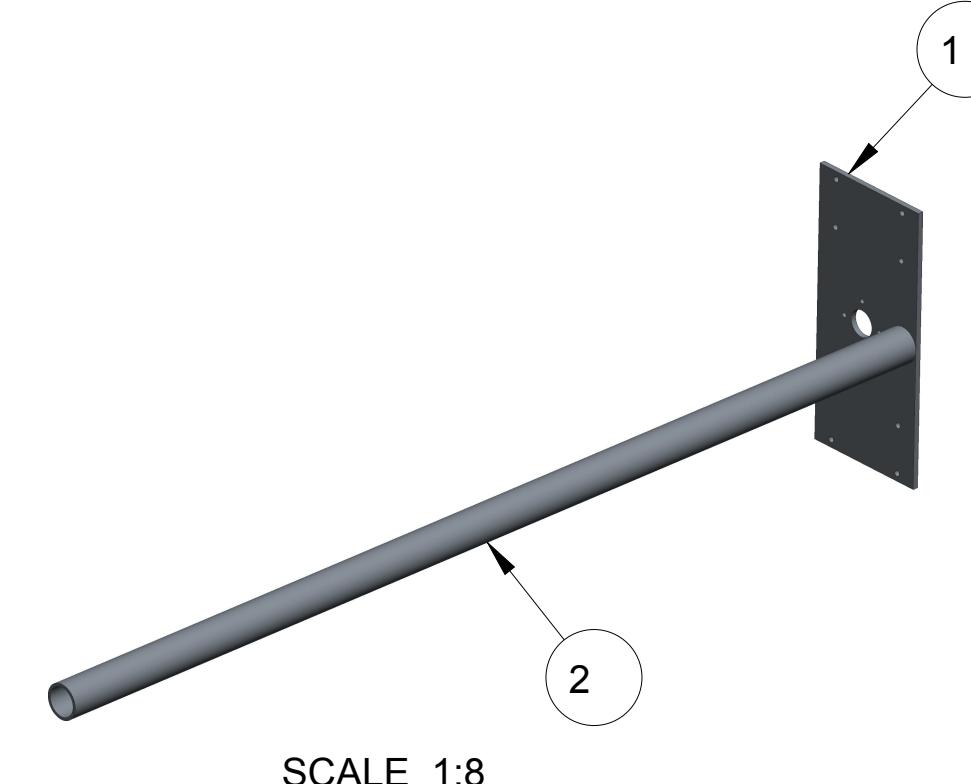
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MODEL NAME		TITLE	
GE-14008		Truss OB Pole	

Revision	Zone	Description	Date	Initials
A	C&D-3	Added Thru hole and B.C- moved 2.70 thru holes	12/5/13	MLC



3/16



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-14008-1	1	Base	1/4" 6061 Aluminum Plate
2	GE-14008-2	1	Pole	1.25" Schedule 40 Pipe, 6061 Aluminum

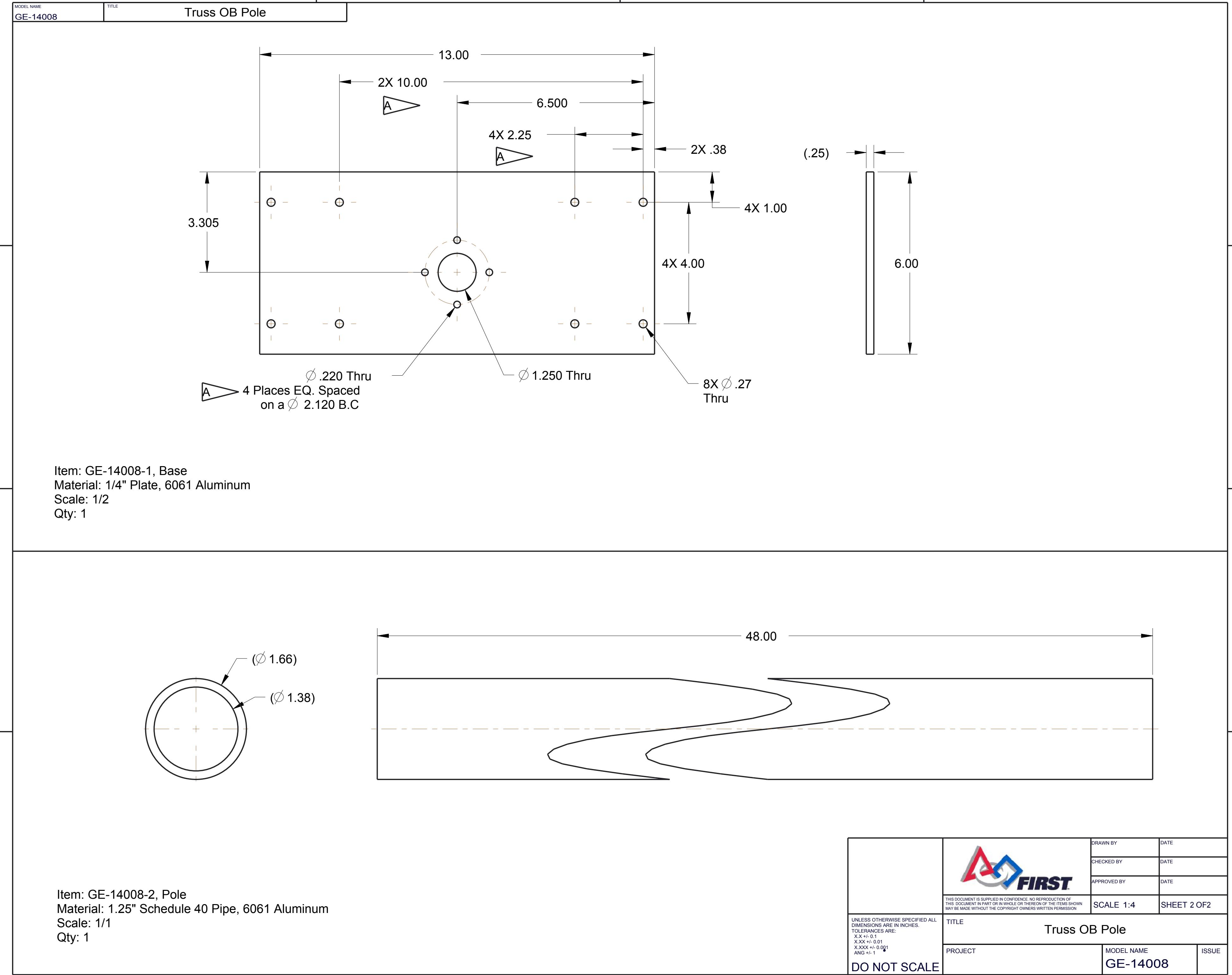
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DO NOT SCALE		TITLE Truss OB Pole	
PROJECT		MODEL NAME	ISSUE
		GE-14008	

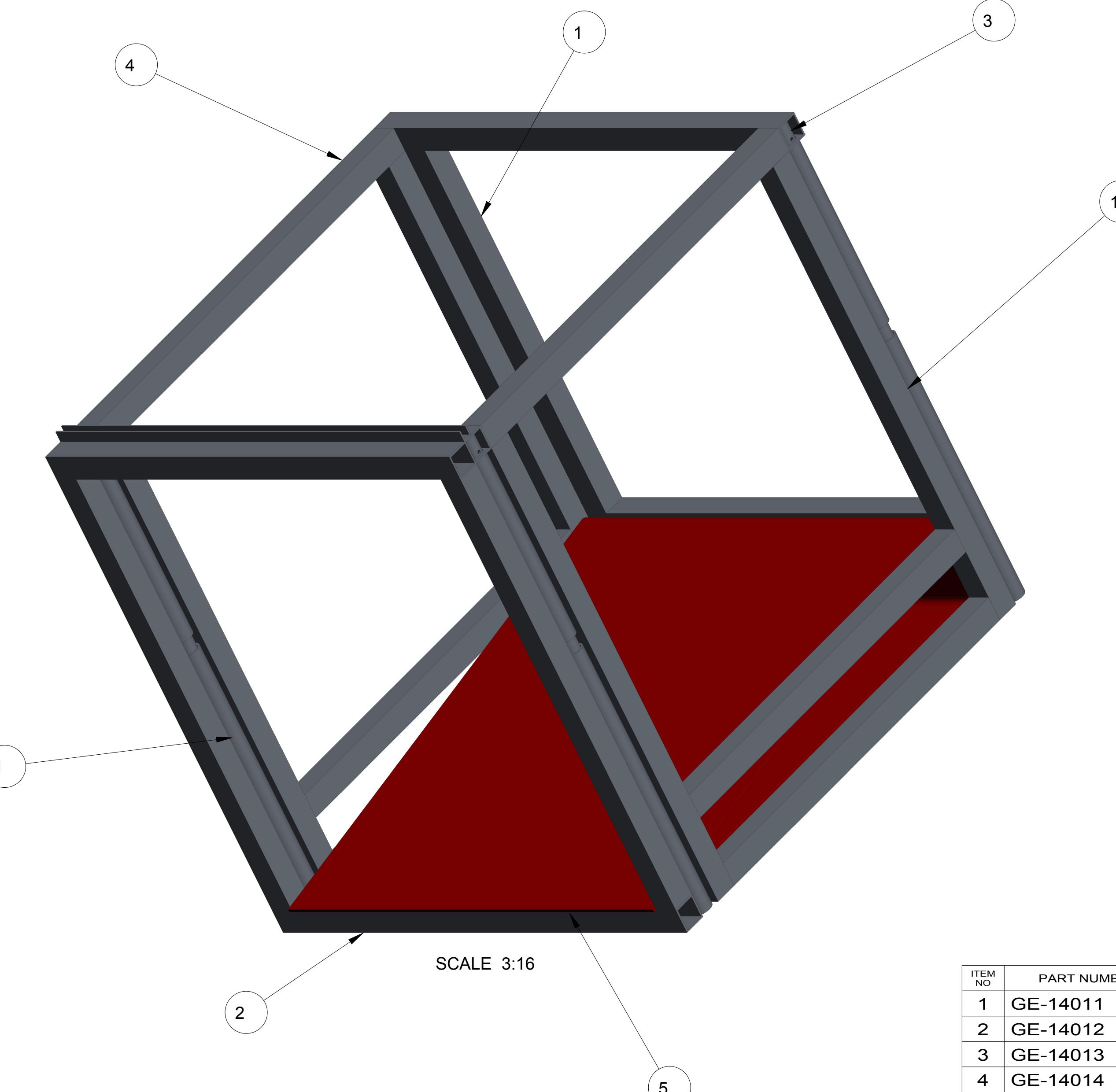
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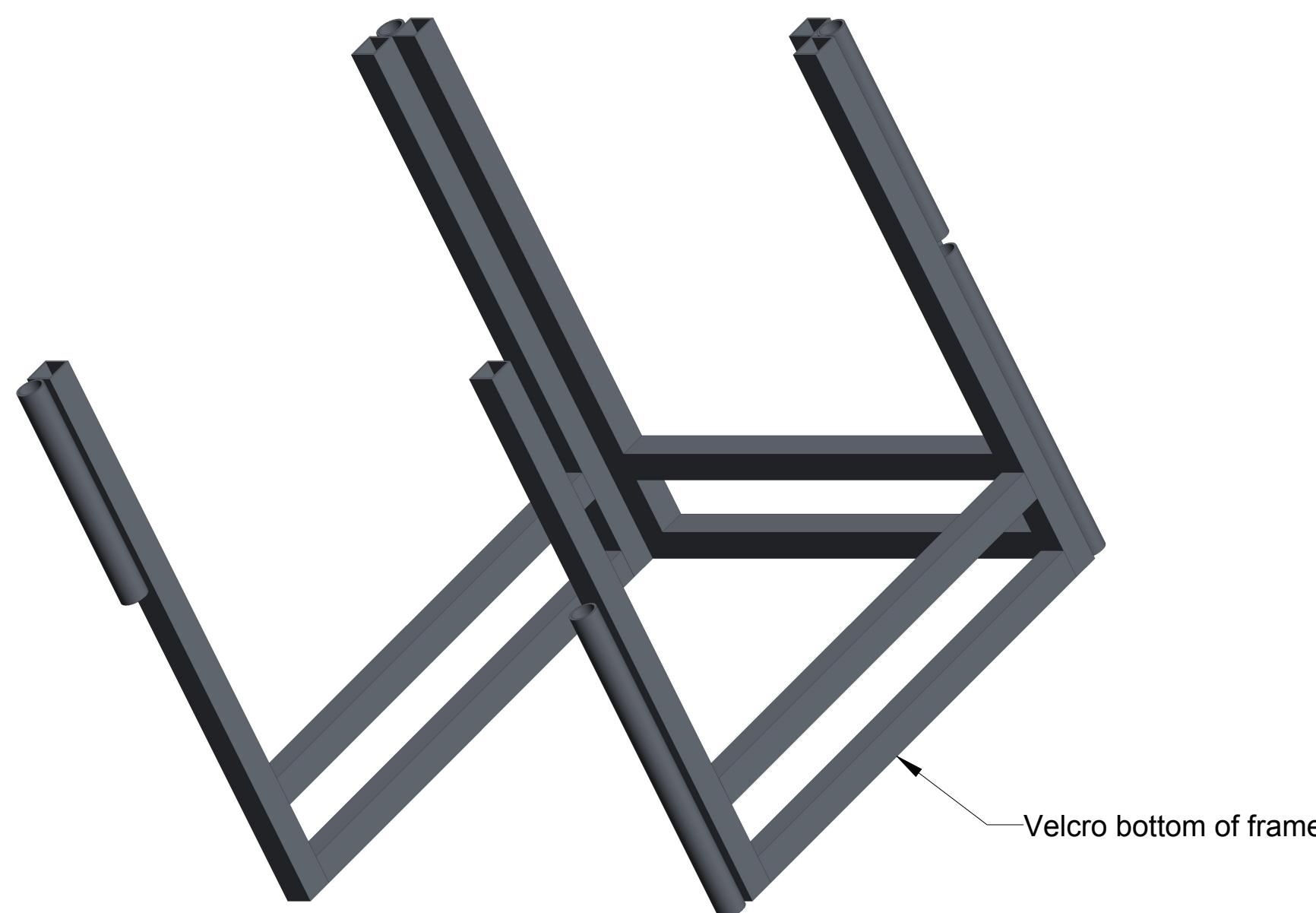


MODEL NAME  
GE-14010TITLE  
Low Goal Assembly

ITEM NO	PART NUMBER	QTY	DESCRIPTION
1	GE-14011	3	Low Goal Side Assembly
2	GE-14012	1	Low Goal Front Assembly
3	GE-14013	4	Low Goal Keep Rod
4	GE-14014	1	Low Goal Top Assembly
5	GE-14015	1	Low Goal Ramp

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.X +/- 0.001 ANG +/- 1	TITLE Low Goal Assembly		
DO NOT SCALE	PROJECT	MODEL NAME GE-14010	ISSUE

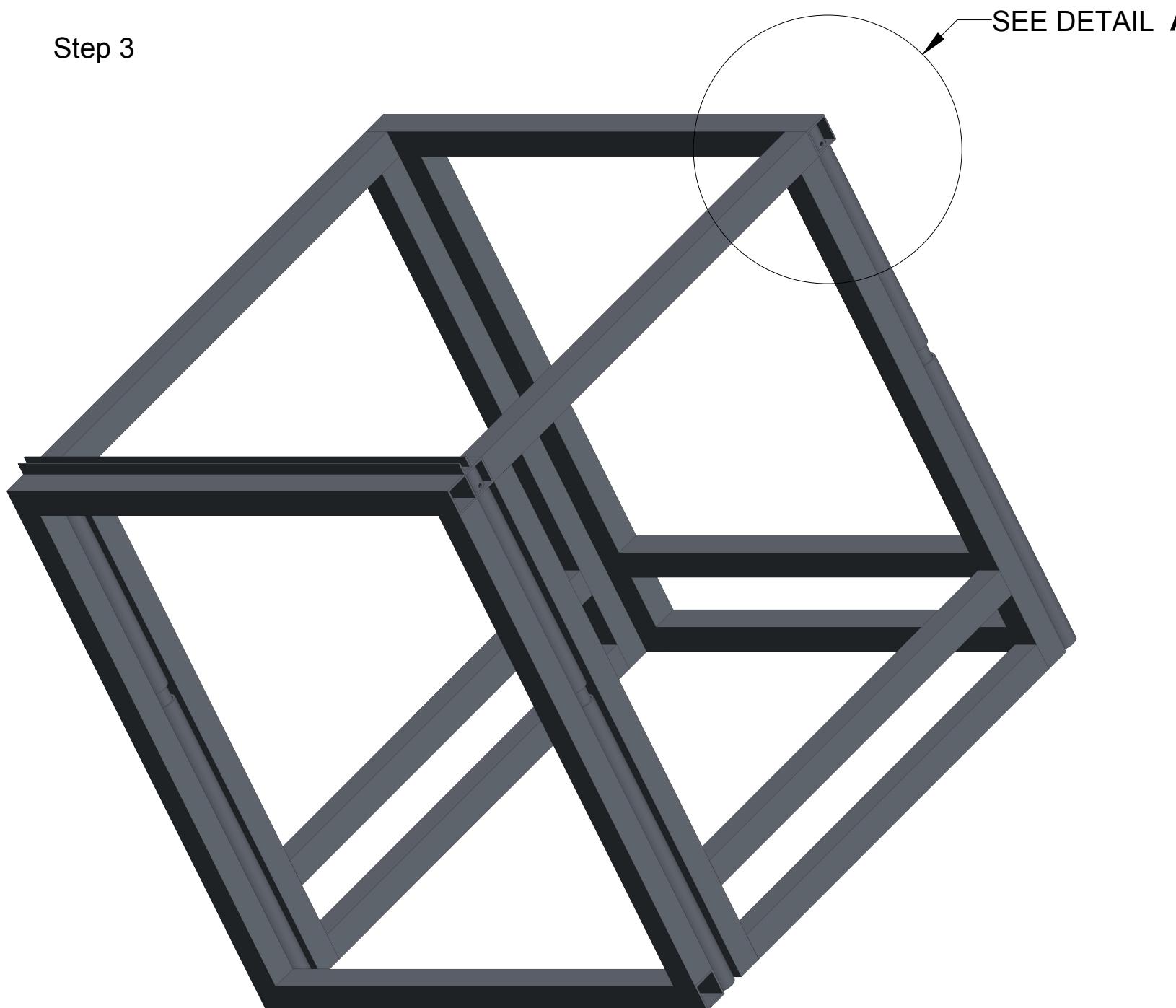
Step 1



Step 2



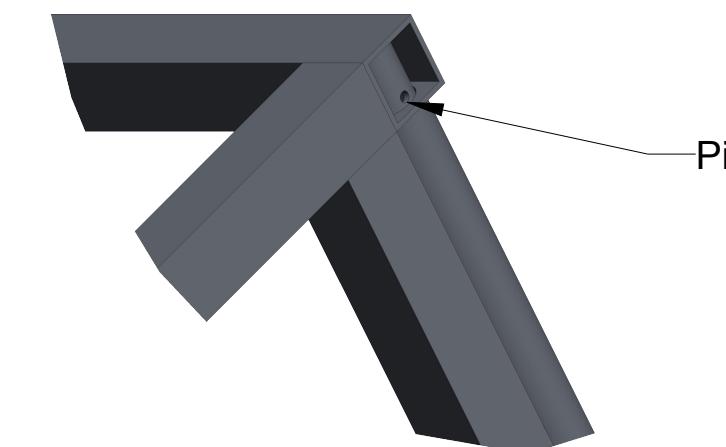
Step 3



Step 1: Assemble 3 Low Goal Side Assemblies as shown. Apply 1" wide Hook Velcro, Adhesive Backed around the perimeter of the bottom surface of the Frames

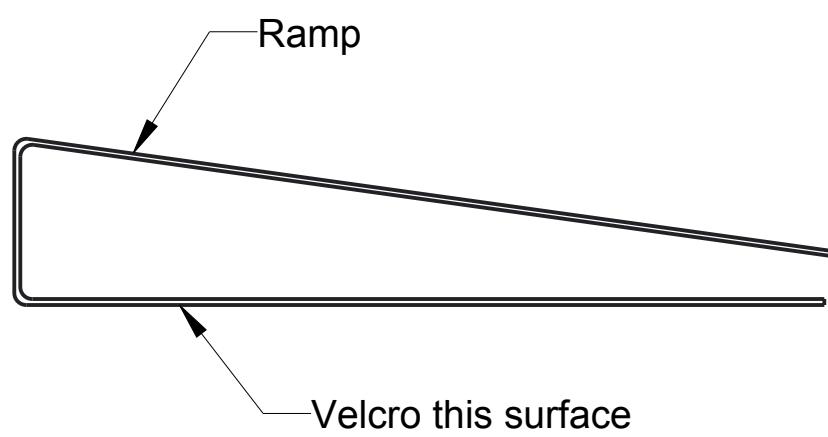
Step 2: Position the Low Goal Front to the assembly from Step 1 as shown. Secure assembly with 4 Low Goal Keep Rods into the connection points of the Low Goal Sides and Low Goal Front

Step 3: Set Low Goal Top onto the top of the assembly, and insert 4 1.5" Quick Release Pins into the Low Goal Keep Rods.

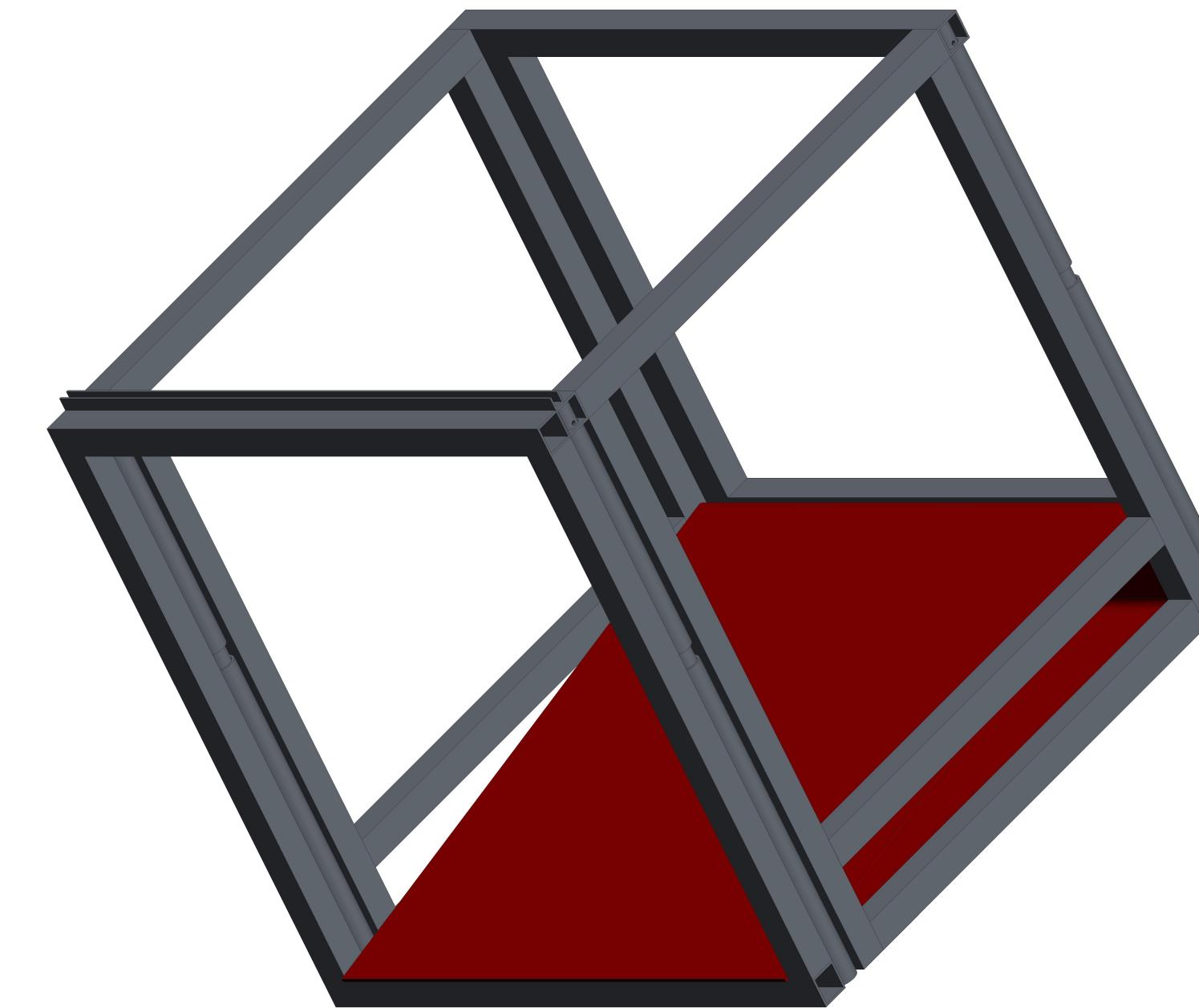


DETAIL A  
SCALE 1:4

	 <b>FIRST</b>	DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:8	SHEET 2 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.X +/- 0.001 ANG +/- 1	TITLE  Low Goal Assembly		
DO NOT SCALE	PROJECT	MODEL NAME GE-14010	ISSUE



Step 4: Apply a 4" wide strip of Hook Velcro to the perimeter of the bottom surface of the ramp. Insert Low Goal Ramp, making sure that the Ramp slopes out of the field.



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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:8	SHEET 3 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	TITLE Low Goal Assembly	
DO NOT SCALE	PROJECT	MODEL NAME GE-14010
		ISSUE

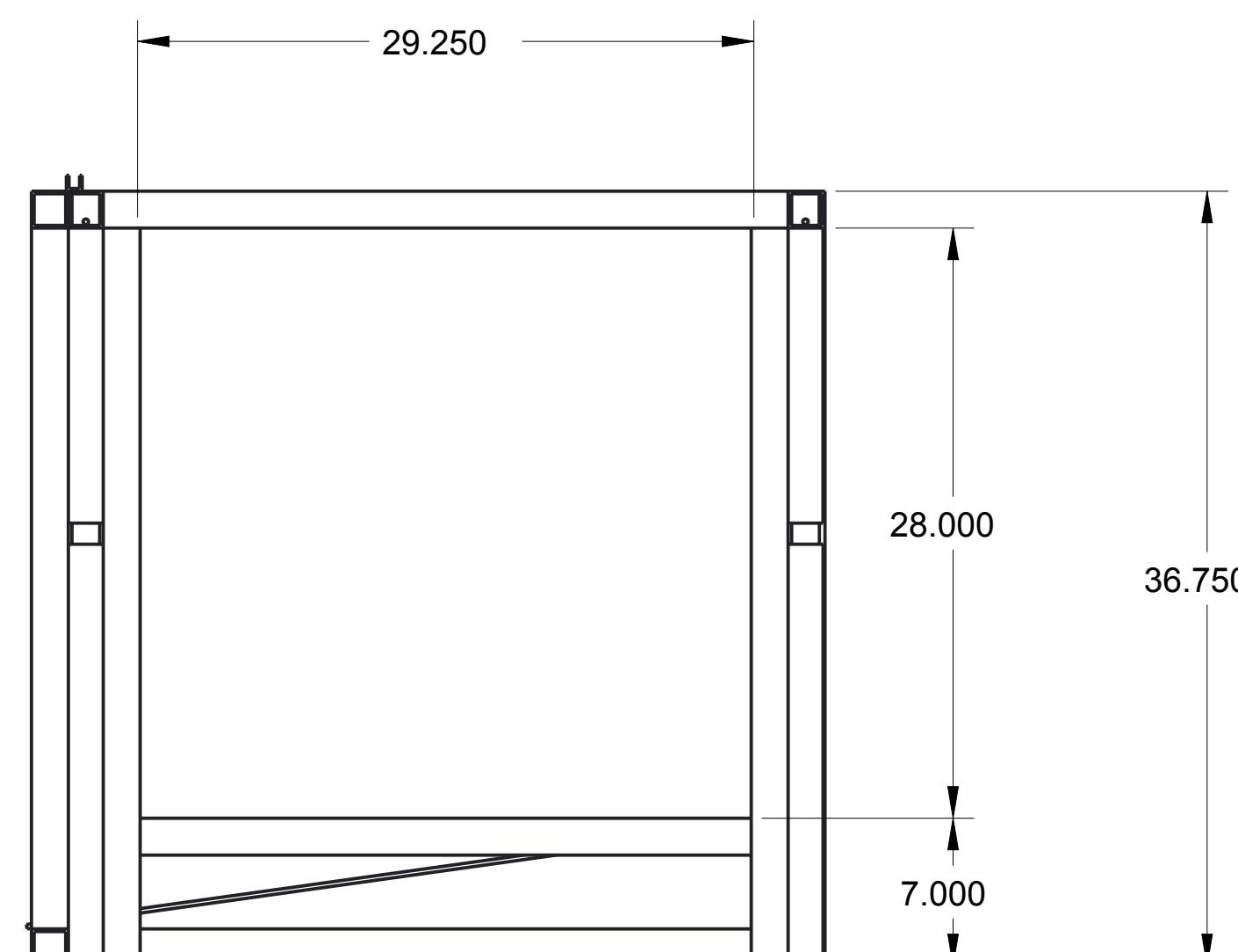
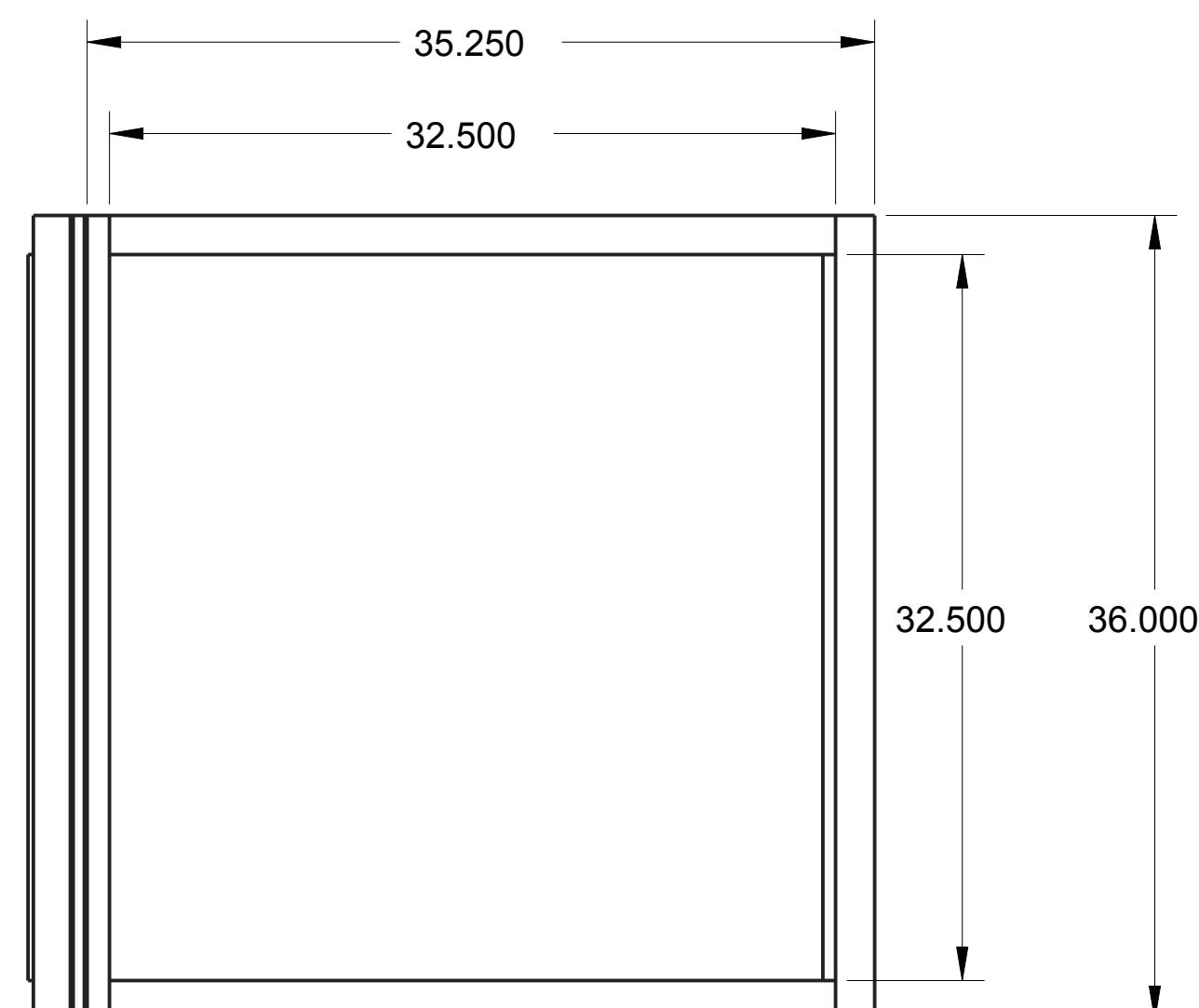
MODEL NAME  
GE-14010

1

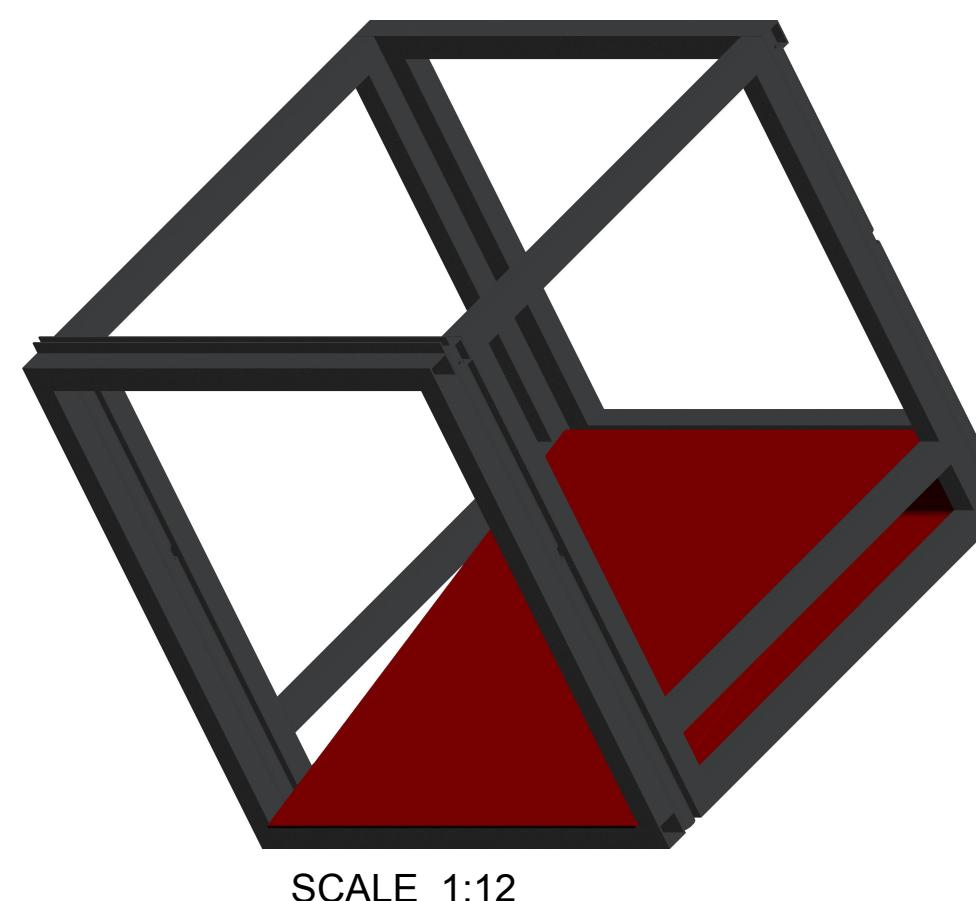
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SCALE 1:8



SCALE 1:12

NOTE: LOW GOAL

The LOW GOAL hooks into the field perimeter, and has a small ramp inside of the frame to help eject balls out of the field once scored. That ramp will be colored Blue or Red, depending on which side of the field it's on.

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		CHECKED BY	DATE
		APPROVED BY	DATE
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DO NOT SCALE		TITLE	
PROJECT		MODEL NAME	GE-14010
ISSUE			

1

2

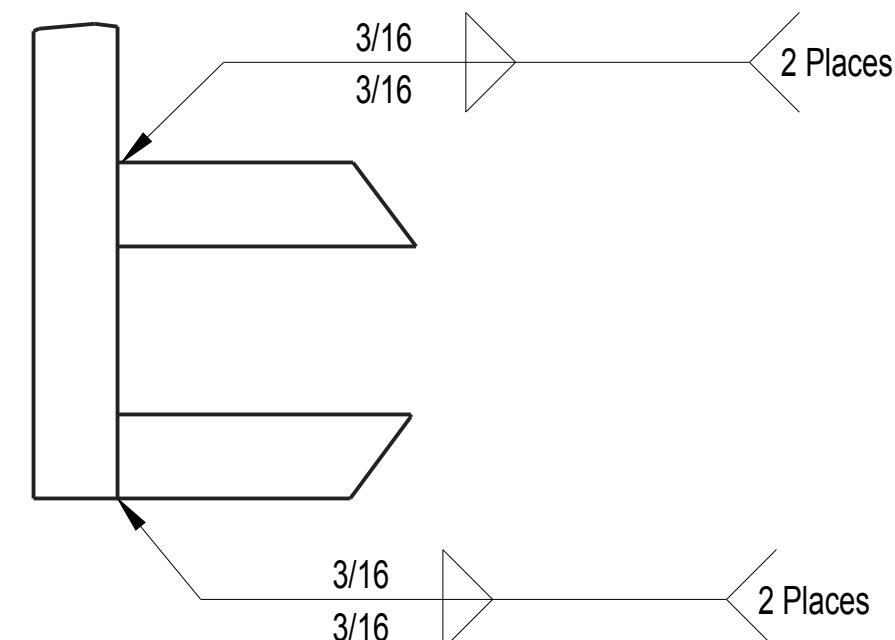
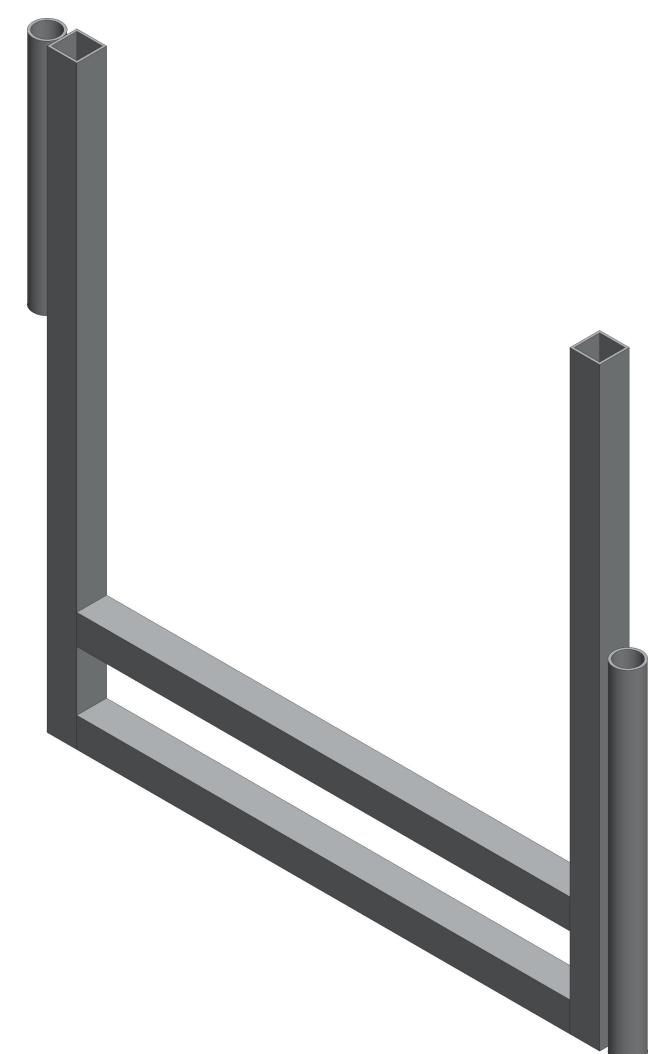
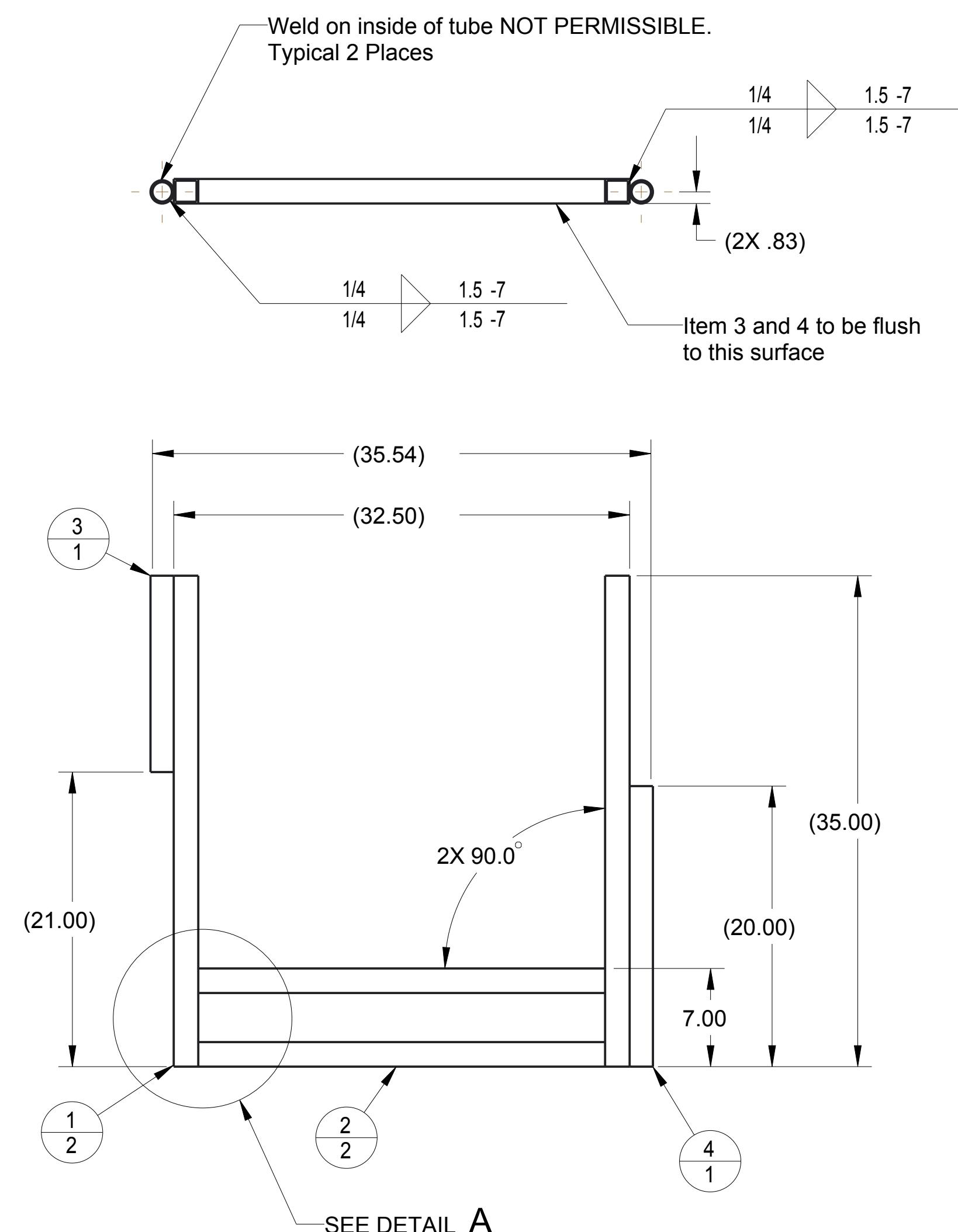
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4

ASME STANDARD,INCH

MODEL NAME  
GE-14011 | TITLE  
Low Goal Side Assembly

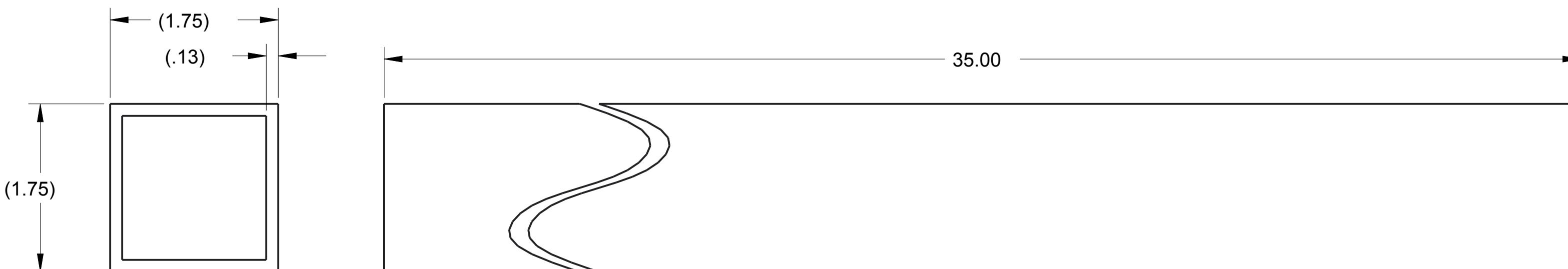
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DETAIL A  
SCALE 1:4

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-14011-1	2	Vertical Member	1.75"x.125" Square Tube, 6063 Aluminum
2	GE-14011-2	2	Horizontal Member	1.75"x.125" Square Tube, 6063 Aluminum
3	GE-14011-3	1	Connector Tube, Top	1.25" Schedule 40 Pipe, 6061 Aluminum
4	GE-14011-4	1	Connector Tube, Bottom	1.25" Schedule 40 Pipe, 6061 Aluminum

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		SCALE 1:8	SHEET 1 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.X +/- 0.001 ANG +/- 1		TITLE Low Goal Side Assembly	
DO NOT SCALE		PROJECT	MODEL NAME GE-14011
		ISSUE	

MODEL NAME  
GE-14011TITLE  
Low Goal Side Assembly

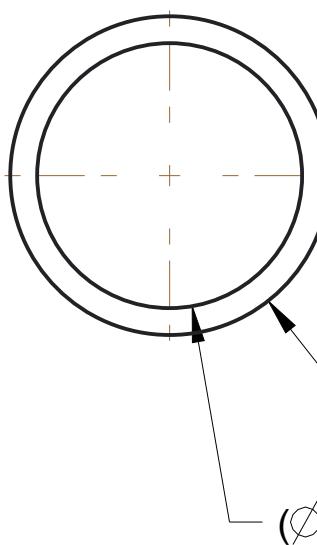
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 Material: 1.75"x.125" Square Tube, 6063 Aluminum  
 Scale: 1:1  
 QTY: 2



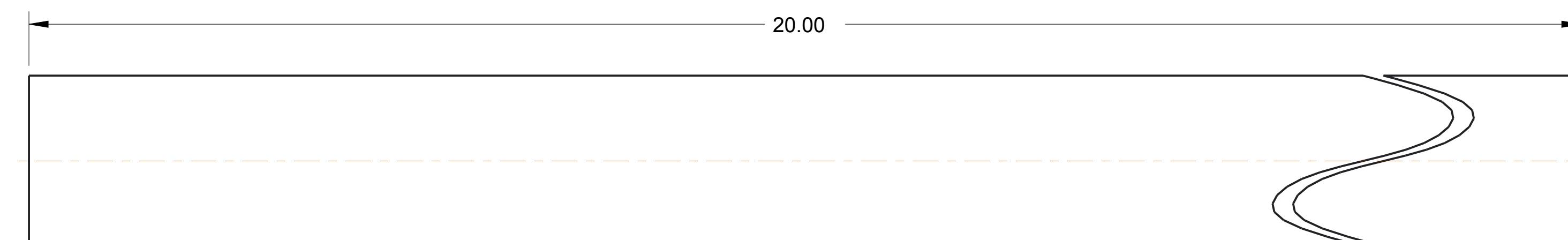
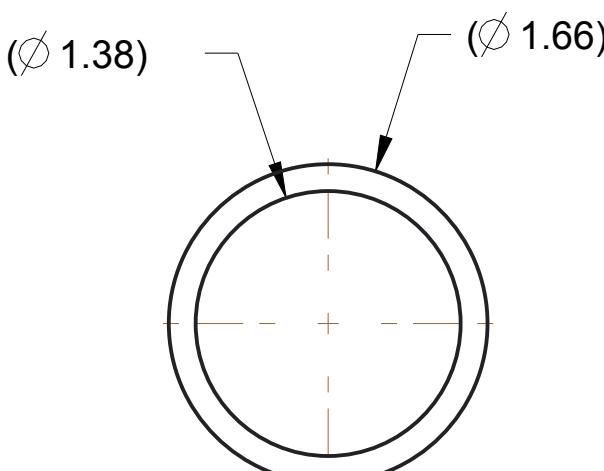
Item: GE-14011-2, Horizontal Member  
 Material: 1.75"x.125" Square Tube, 6063 Aluminum  
 Scale: 1:1  
 QTY: 2

	DRAWN BY	DATE
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	APPROVED BY	DATE
	SCALE 19:192	SHEET 2 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XX.X +/- .001 XXX.XX +/- .0001 ANG +/- 1	TITLE	Low Goal Side Assembly
DO NOT SCALE	PROJECT	MODEL NAME GE-14011
		ISSUE

MODEL NAME GE-14011	TITLE
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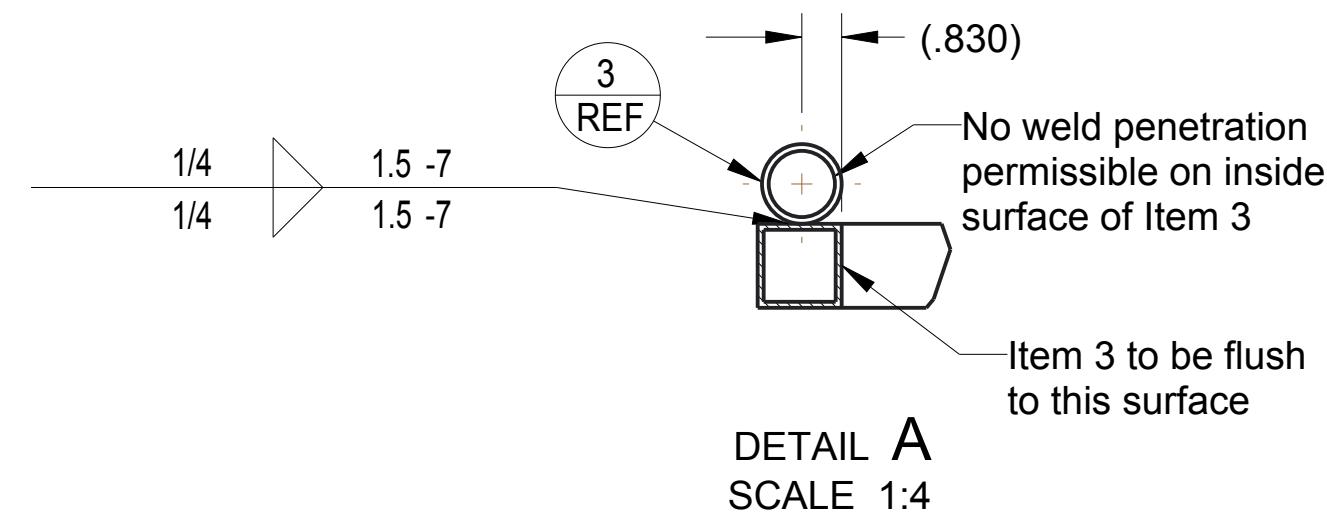
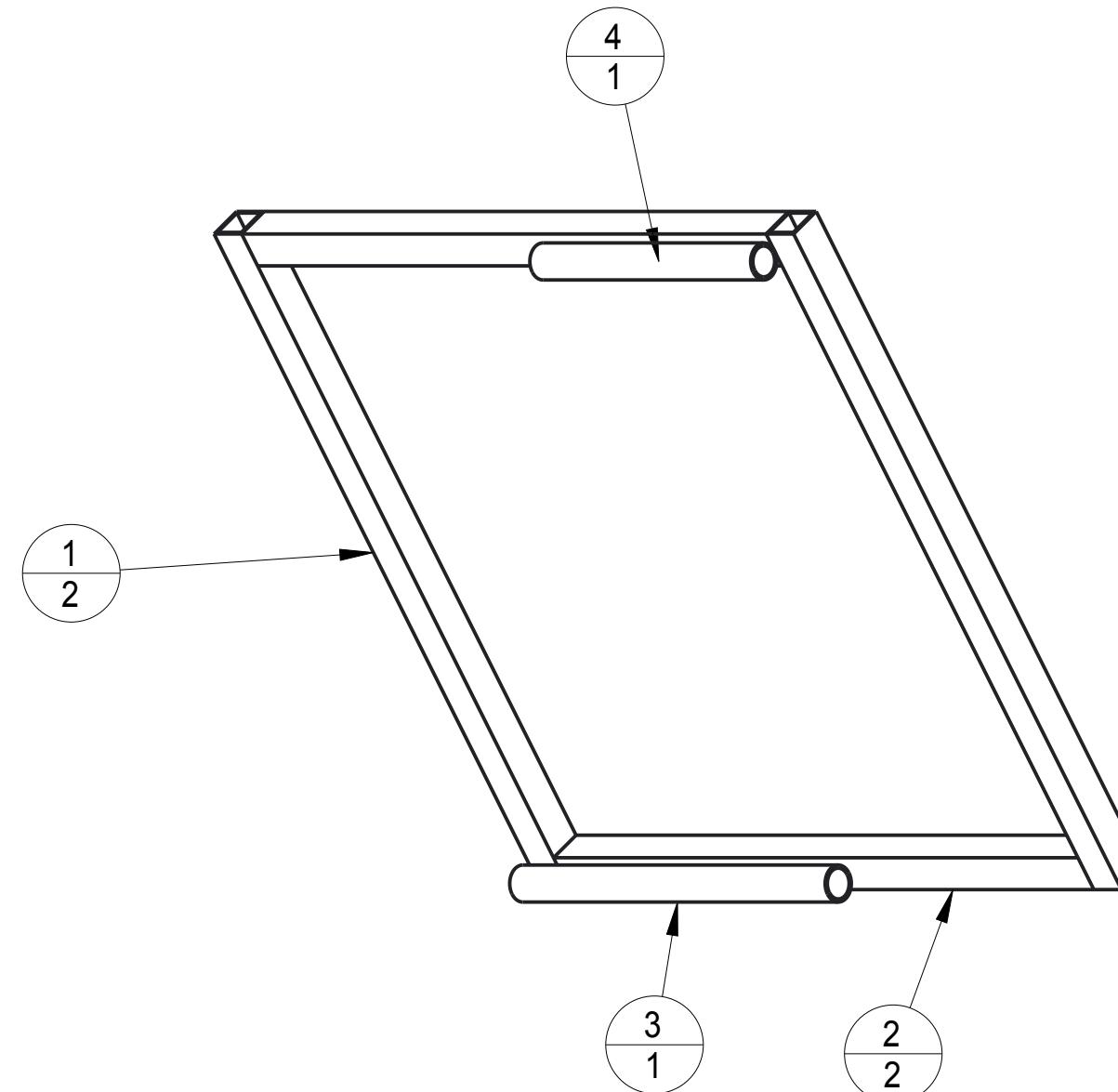
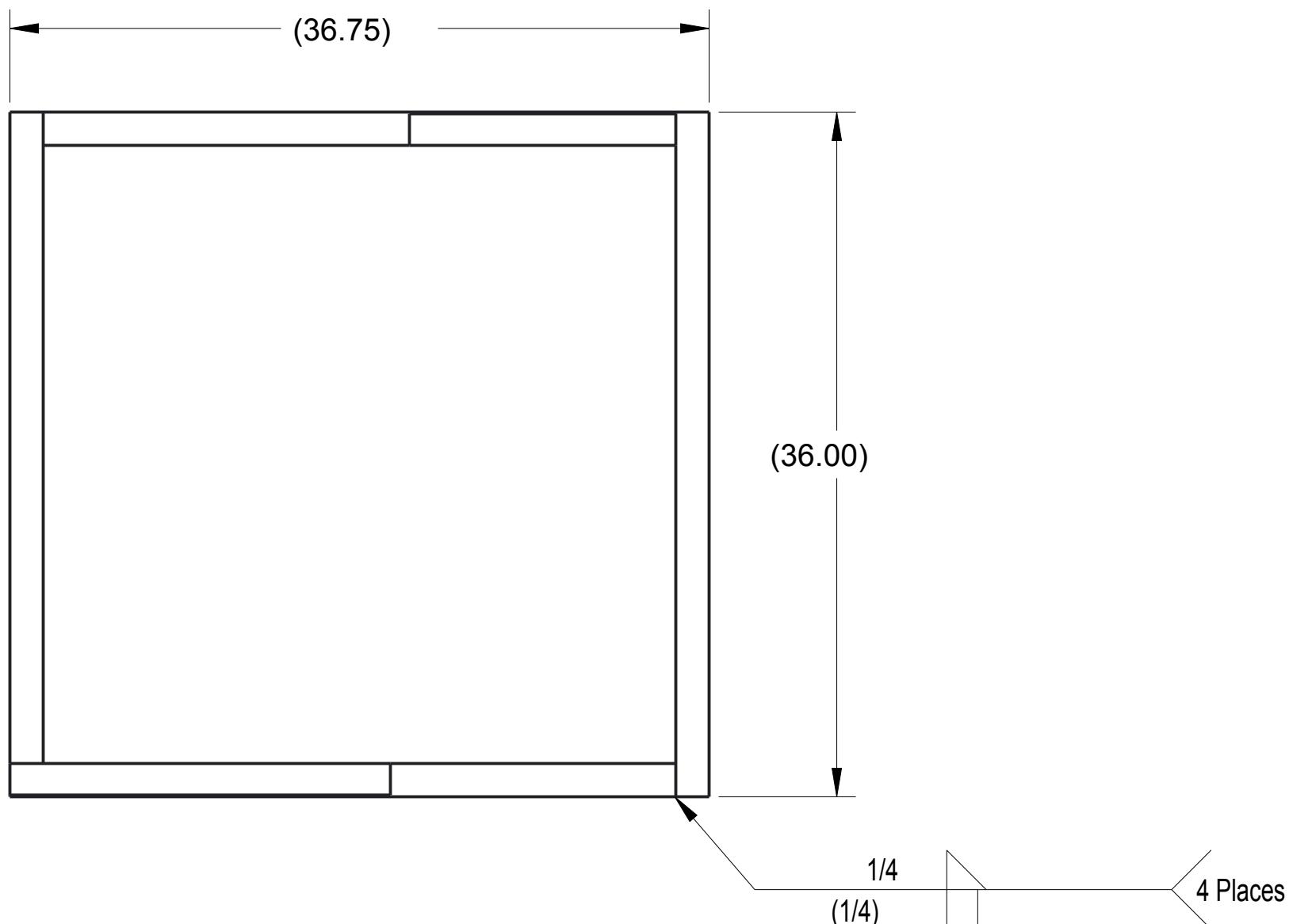
Item: GE-14011-3, Connector Tube, Top  
 Material: 1.25" Schedule 40 Pipe, 6061 Aluminum  
 Scale: 1:1  
 QTY: 1



Item: GE-14011-3, Connector Tube, Bottom  
 Material: 1.25" Schedule 40 Pipe, 6061 Aluminum  
 Scale: 1:1  
 QTY: 1

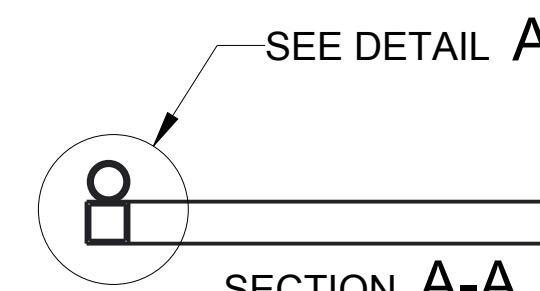
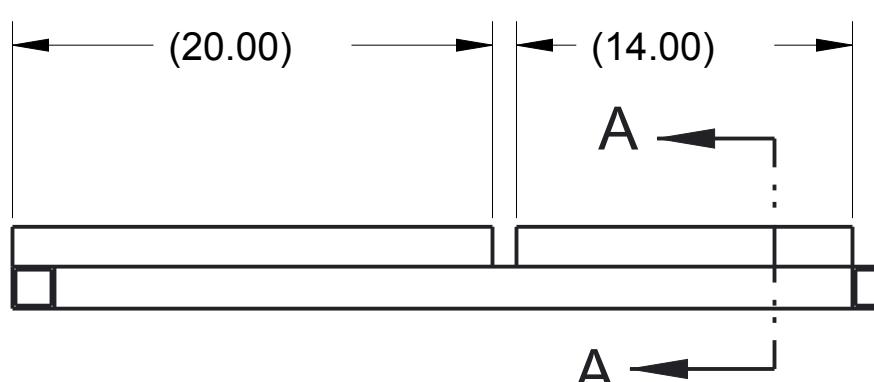
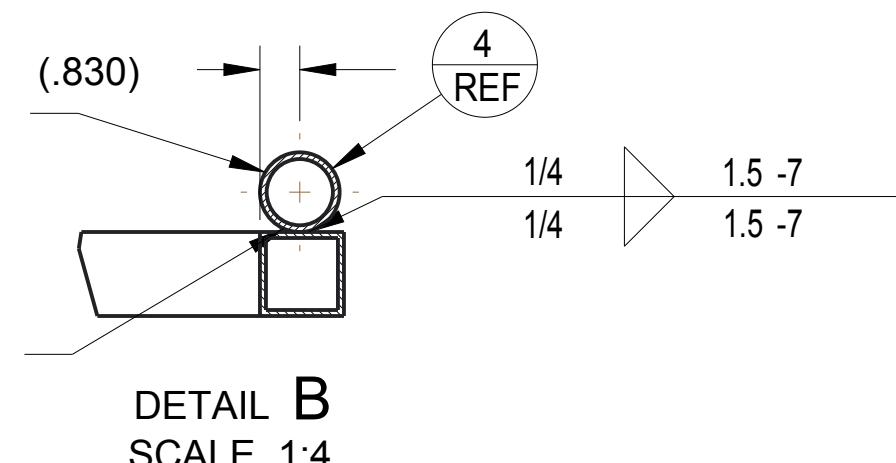
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	APPROVED BY	DATE
	SCALE 19:192	SHEET 3 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1	TITLE	
DO NOT SCALE	PROJECT	MODEL NAME GE-14011
		ISSUE

MODEL NAME  
GE-14012 TITLE  
Low Goal Front Assembly



No weld penetration permissible on inside surface of Item 4

Item 4 to be flush to this surface

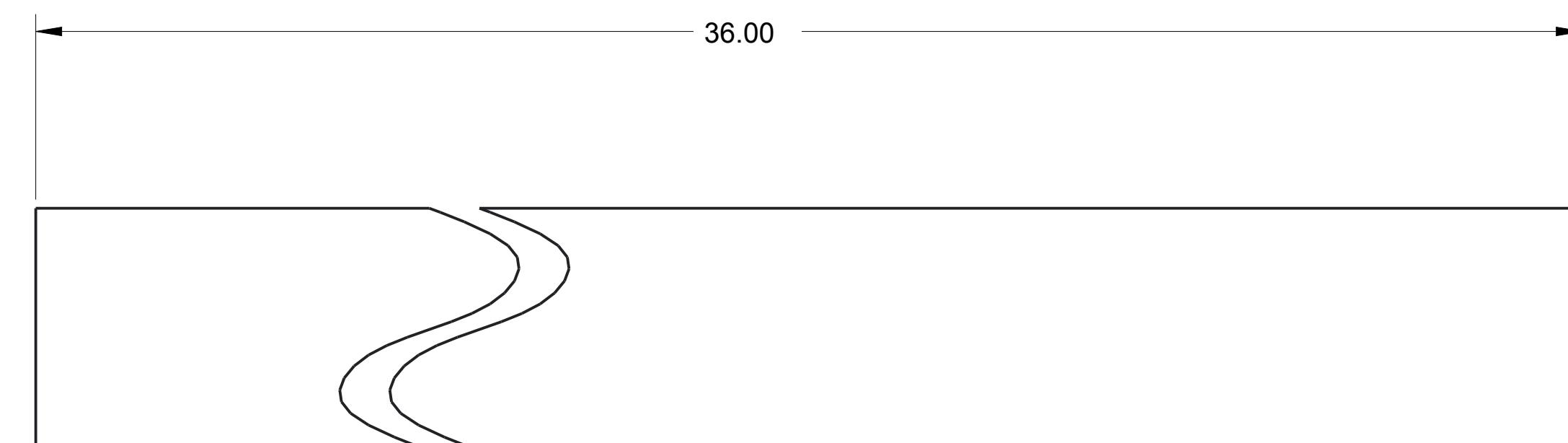
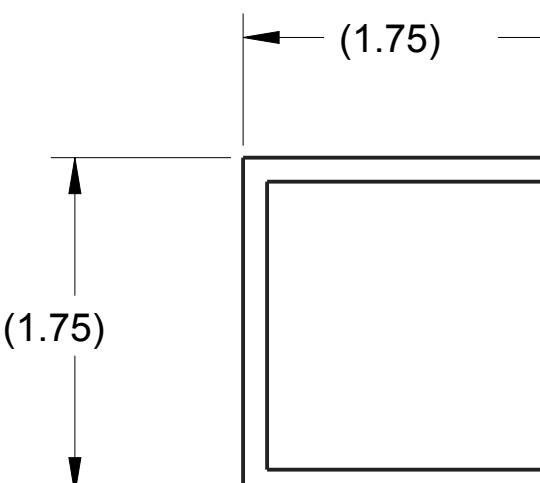


ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-14012-1	2	Horizontal Member	1.75"x.125" Square Tube, 6063 Aluminum
2	GE-14012-2	2	Vertical Member	1.75"x.125" Square Tube, 6063 Aluminum
3	GE-14012-3	1	Connector Tube, Bottom	1.25" Schedule 40 Pipe, 6061 Aluminum
4	GE-14012-4	1	Connector Tube, Top	1.25" Schedule 40 Pipe, 6061 Aluminum

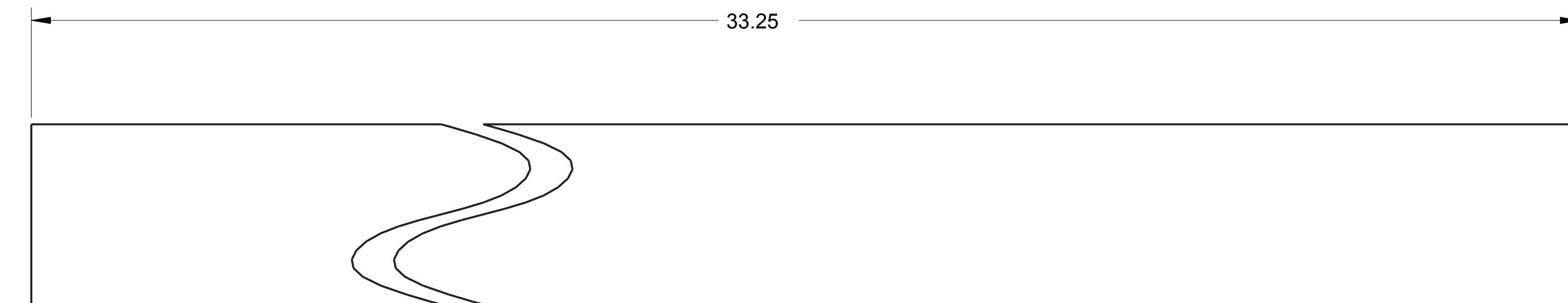
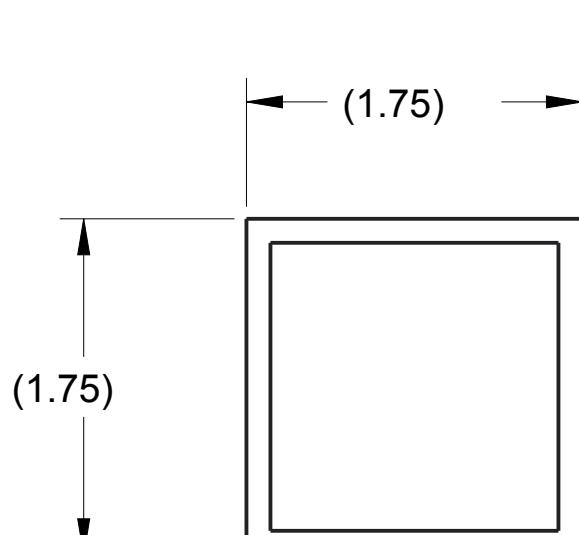
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SCALE 1:8 SHEET 1 OF 3			
TITLE Low Goal Front Assembly			
PROJECT		MODEL NAME GE-14012	ISSUE
DO NOT SCALE			

MODEL NAME  
GE-14012

TITLE  
Low Goal Front Assembly

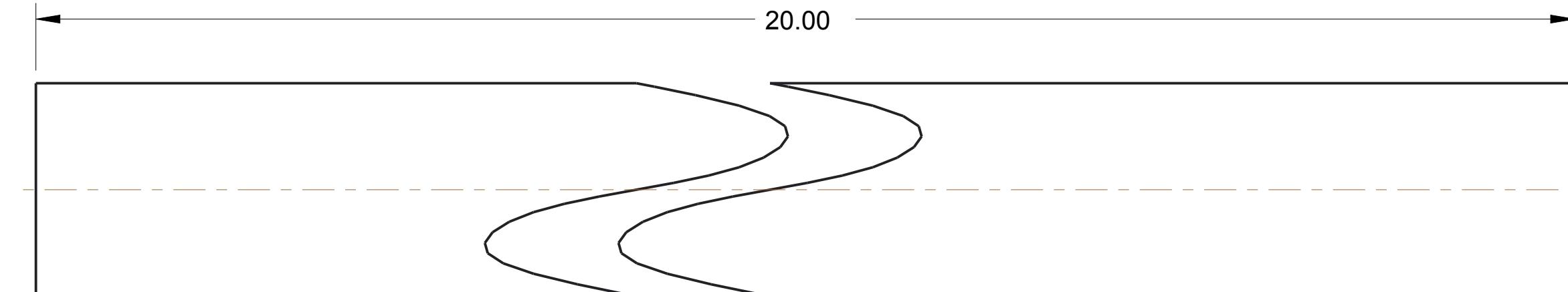
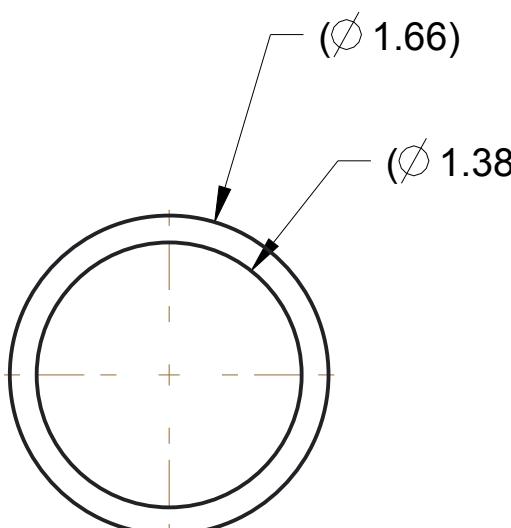


Item: GE-14012-01, Horizontal Member  
Material: 1.75"x.125" Square Tube, 6063 Aluminum  
Scale: 1/1  
QTY: 2

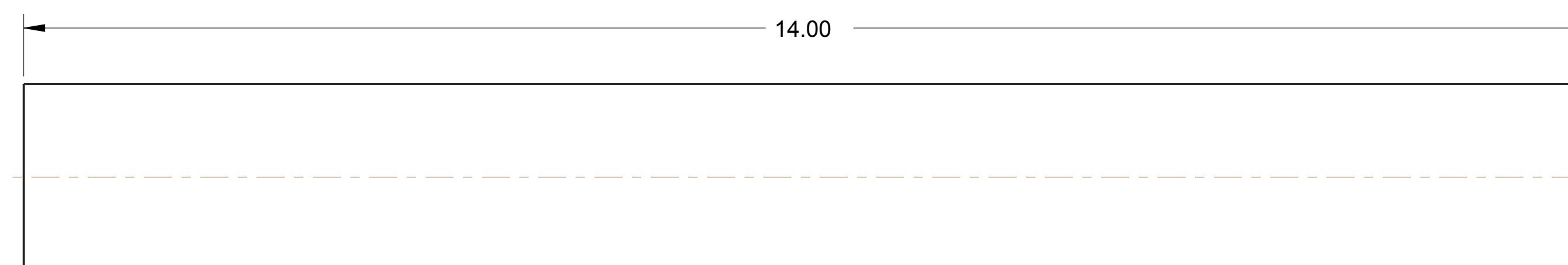
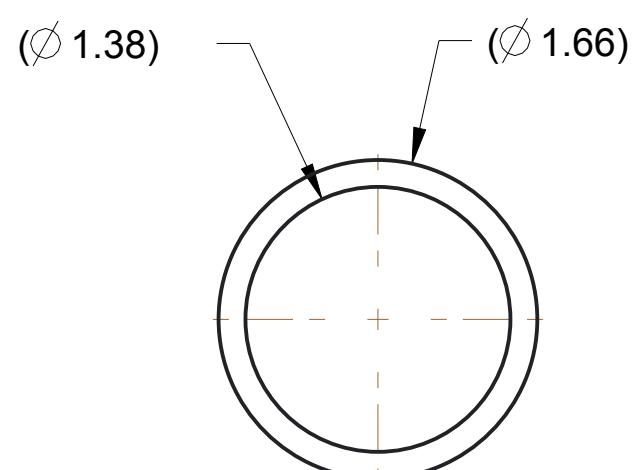


Item: GE-14012-02, Vertical Member  
Material: 1.75"x.125" Square Tube, 6063 Aluminum  
Scale: 1/1  
QTY: 2

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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 7:64	SHEET 2 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	TITLE	Low Goal Front Assembly
DO NOT SCALE	PROJECT	MODEL NAME GE-14012
		ISSUE

MODEL NAME  
GE-14012TITLE  
Low Goal Front Assembly

Item: GE-14012-03, Connector Tube, Bottom  
 Material: 1.25" Schedule 40 Pipe, 6061 Aluminum  
 Scale: 1/1  
 QTY: 1



Item: GE-14012-04, Connector Tube, Top  
 Material: 1.25" Schedule 40 Pipe, 6061 Aluminum  
 Scale: 1/1  
 QTY: 1

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 7:64	SHEET 3 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1	TITLE	Low Goal Front Assembly
DO NOT SCALE	PROJECT	MODEL NAME GE-14012
		ISSUE

1

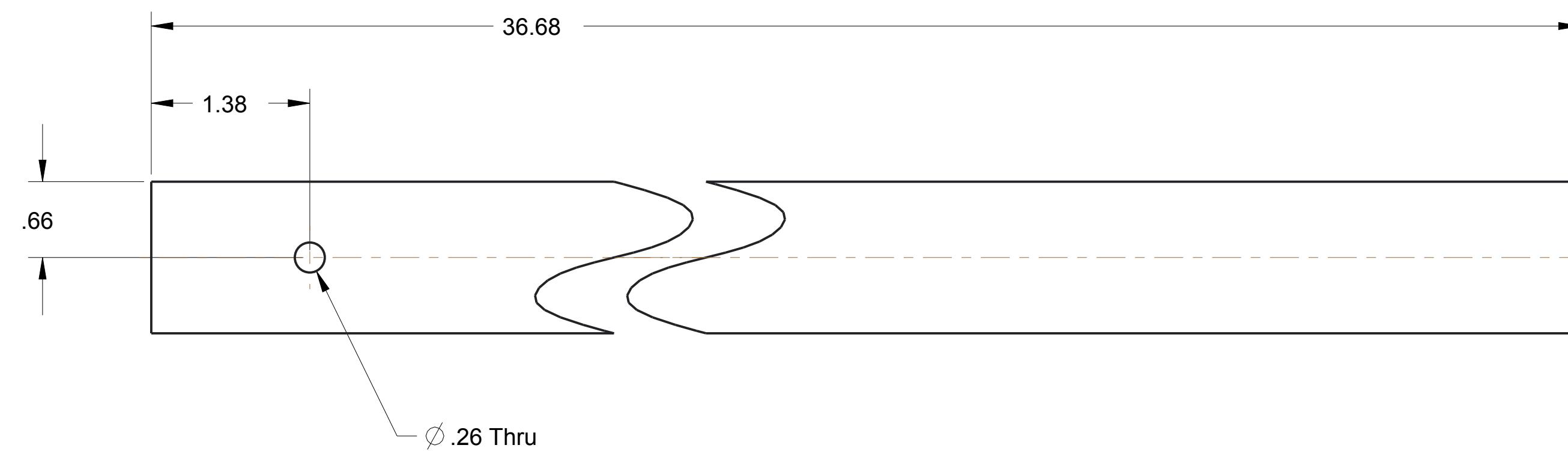
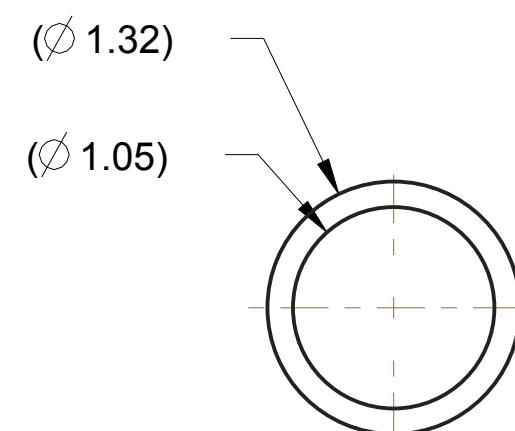
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MODEL NAME  
GE-14013TITLE  
Low Goal Keep Rod

D



B

A

D

C

B

A

## NOTES:

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

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		APPROVED BY	DATE
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		TITLE	Low Goal Keep Rod
		PROJECT	MODEL NAME GE-14013
			ISSUE

1

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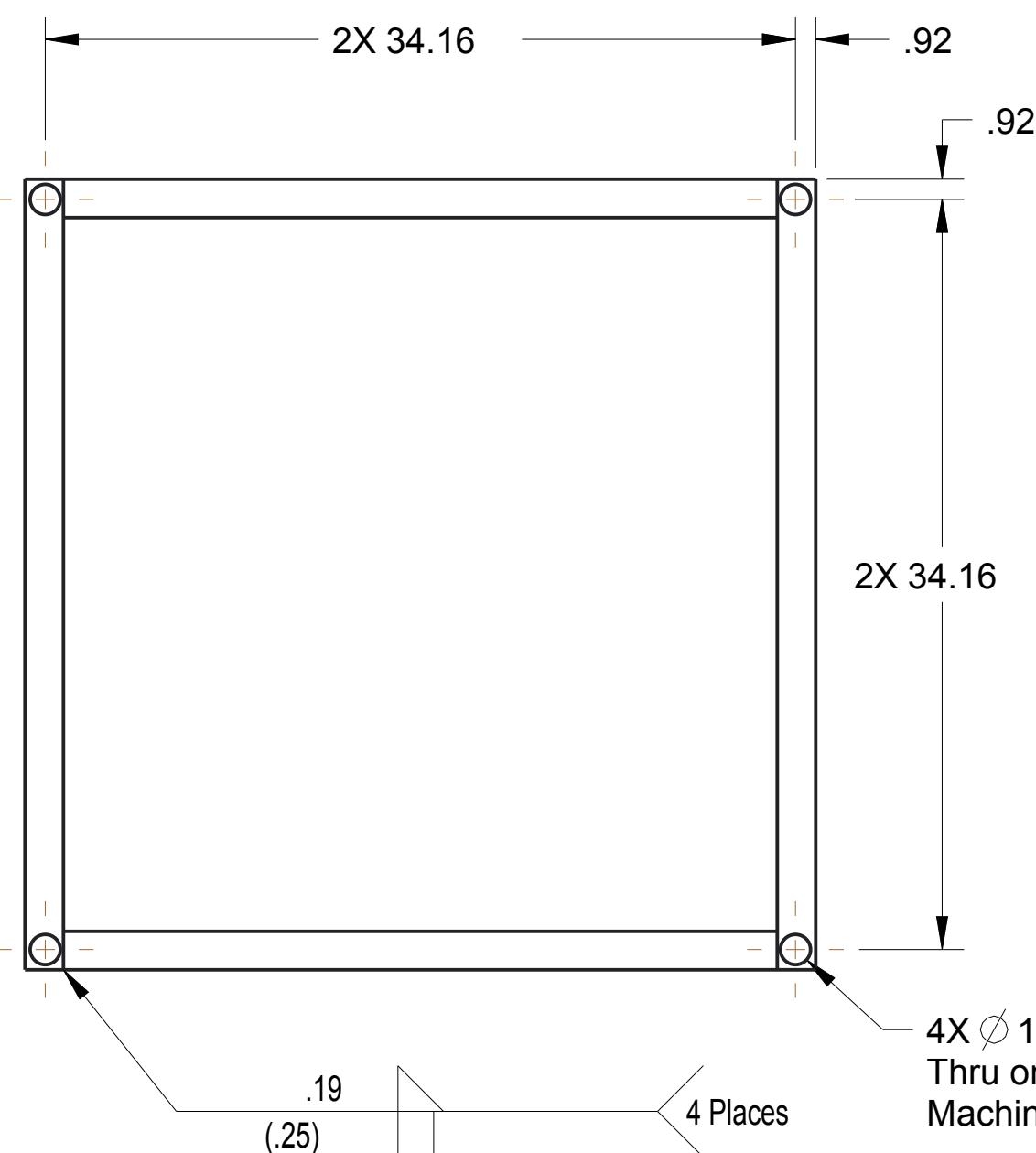
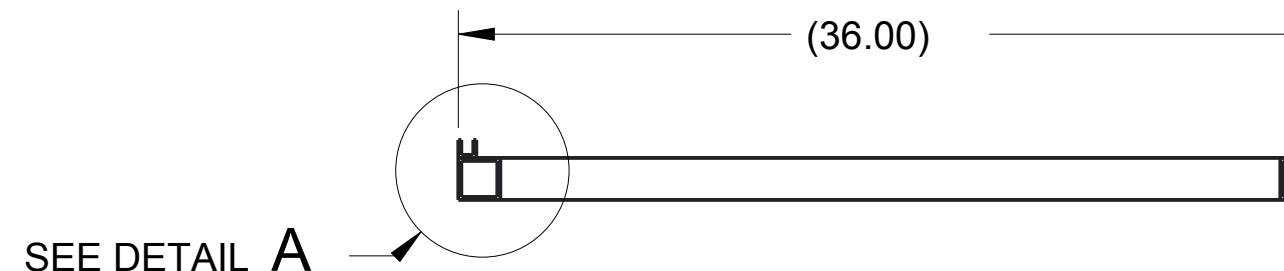
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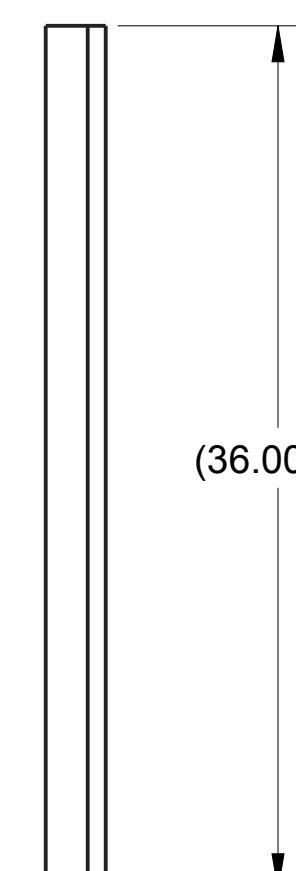
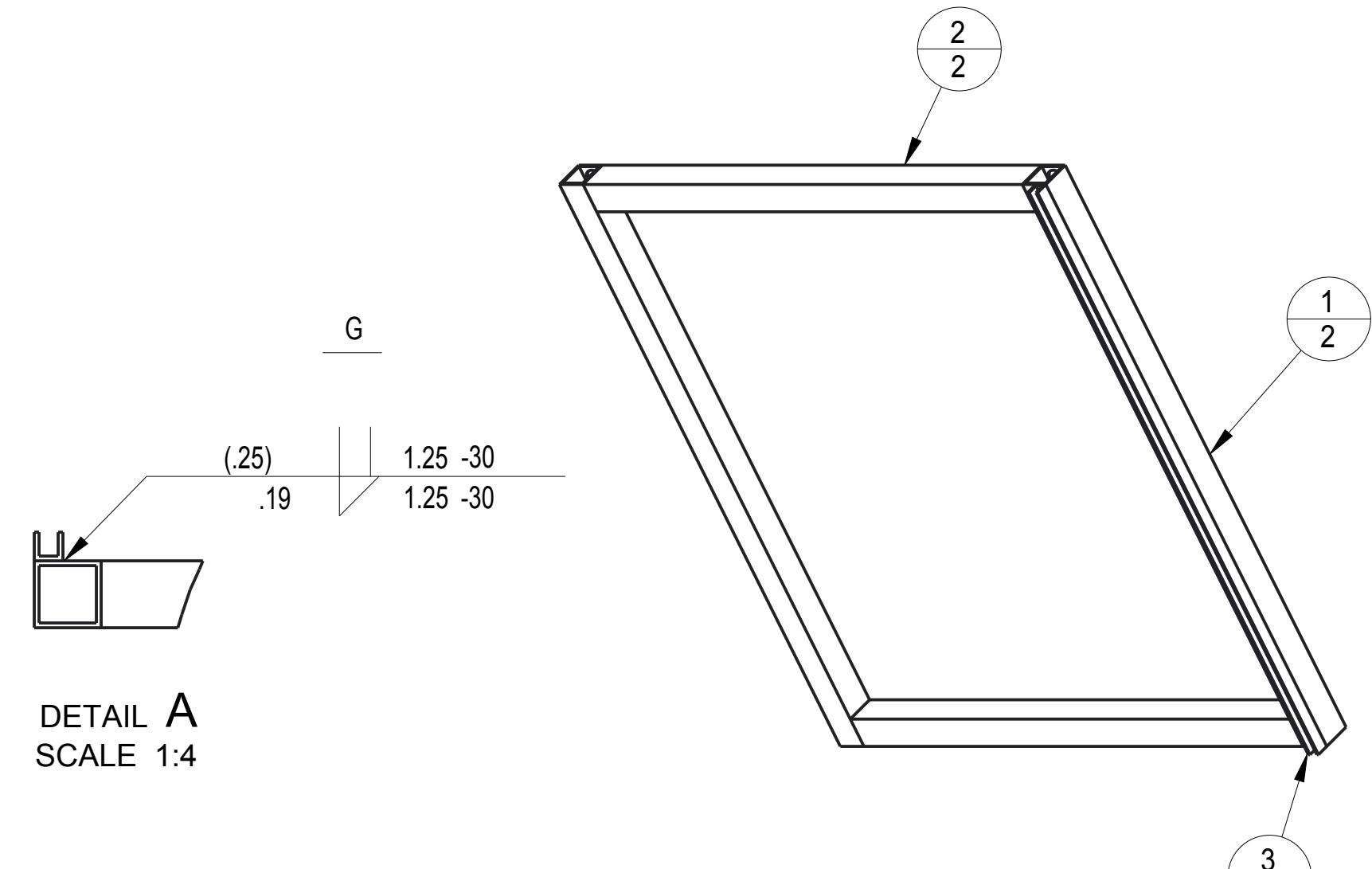
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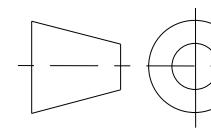
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MODEL NAME  
GE-14014TITLE  
Low Goal Top Assembly

DETAIL A  
SCALE 1:4



ITEM NO	PART NUMBER	QTY	DESCRIPTION	MATERIAL
1	GE-14014-1	2	Long Side	1.75" x .125" Square Tube, 6063 Aluminum
2	GE-14014-2	2	Short Side	1.75" x .125" Square Tube, 6063 Aluminum
3	GE-14014-3	1	Channel	.75"x.75"x.125" Channel, 6063 Aluminum

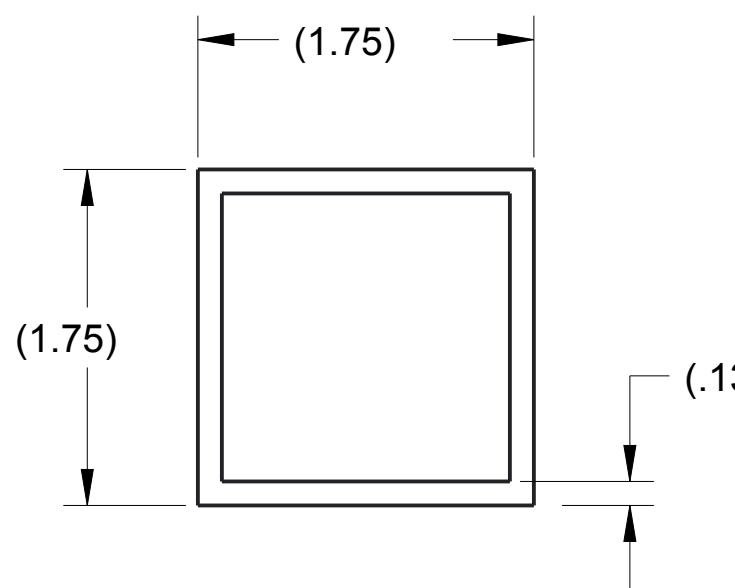
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		SCALE 1:8	SHEET 1 OF 3
<b>DO NOT SCALE</b>		TITLE <b>Low Goal Top Assembly</b> PROJECT MODEL NAME <b>GE-14014</b> ISSUE	

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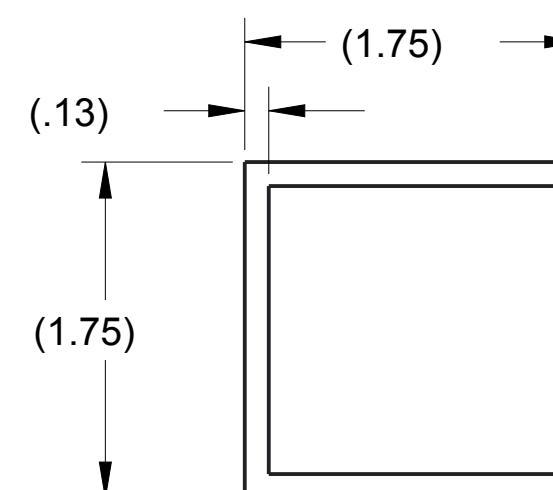
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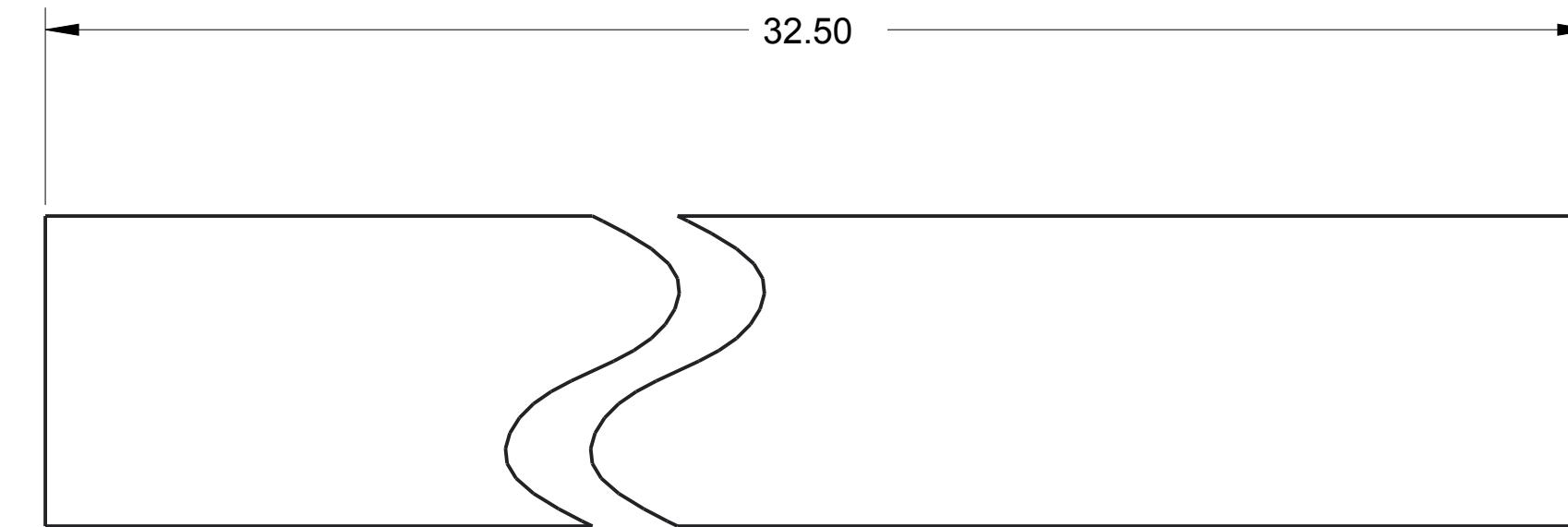
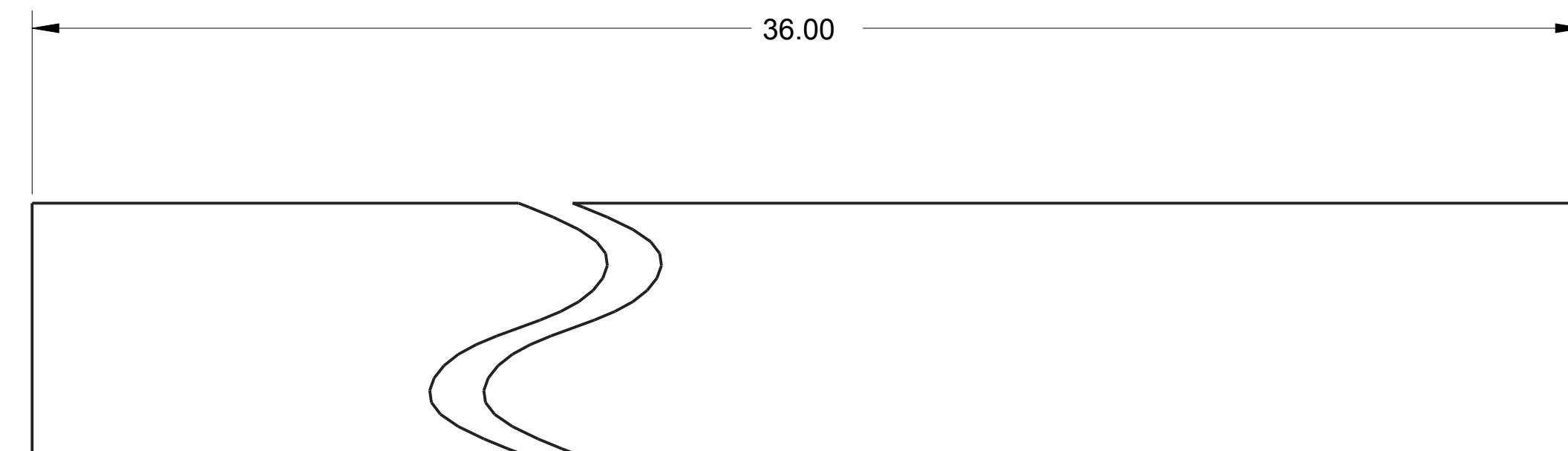
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MODEL NAME  
GE-14014TITLE  
Low Goal Top Assembly

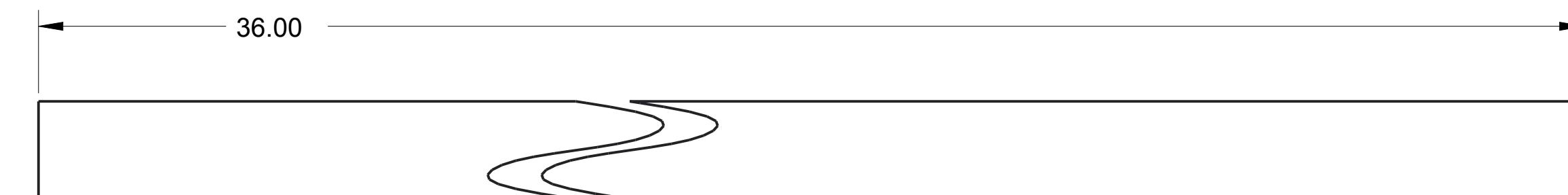
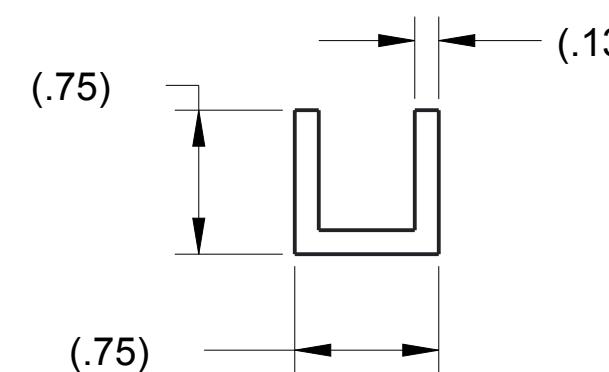
Item: GE-14014-02, Short Side  
 Material: 1.75" x .125" Square Tube, 6063 Aluminum  
 Scale: 1/1  
 QTY: 2



Item: GE-14014-01, Long Side  
 Material: 1.75" x .125" Square Tube, 6063 Aluminum  
 Scale: 1/1  
 QTY: 2



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	SCALE 1:8	SHEET 2 OF 3
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DO NOT SCALE	PROJECT	MODEL NAME GE-14014
		ISSUE

MODEL NAME  
GE-14014TITLE  
Low Goal Top Assembly

Item: GE-14014-03, Channel  
 Material: .75"x.75"x.125" Channel, 6063 Aluminum  
 Scale: 1/1  
 QTY: 1

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:8	SHEET 3 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1	TITLE  Low Goal Top Assembly	
DO NOT SCALE	PROJECT	MODEL NAME GE-14014
		ISSUE

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MODEL NAME  
GE-14015TITLE  
Low Goal Ramp

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D

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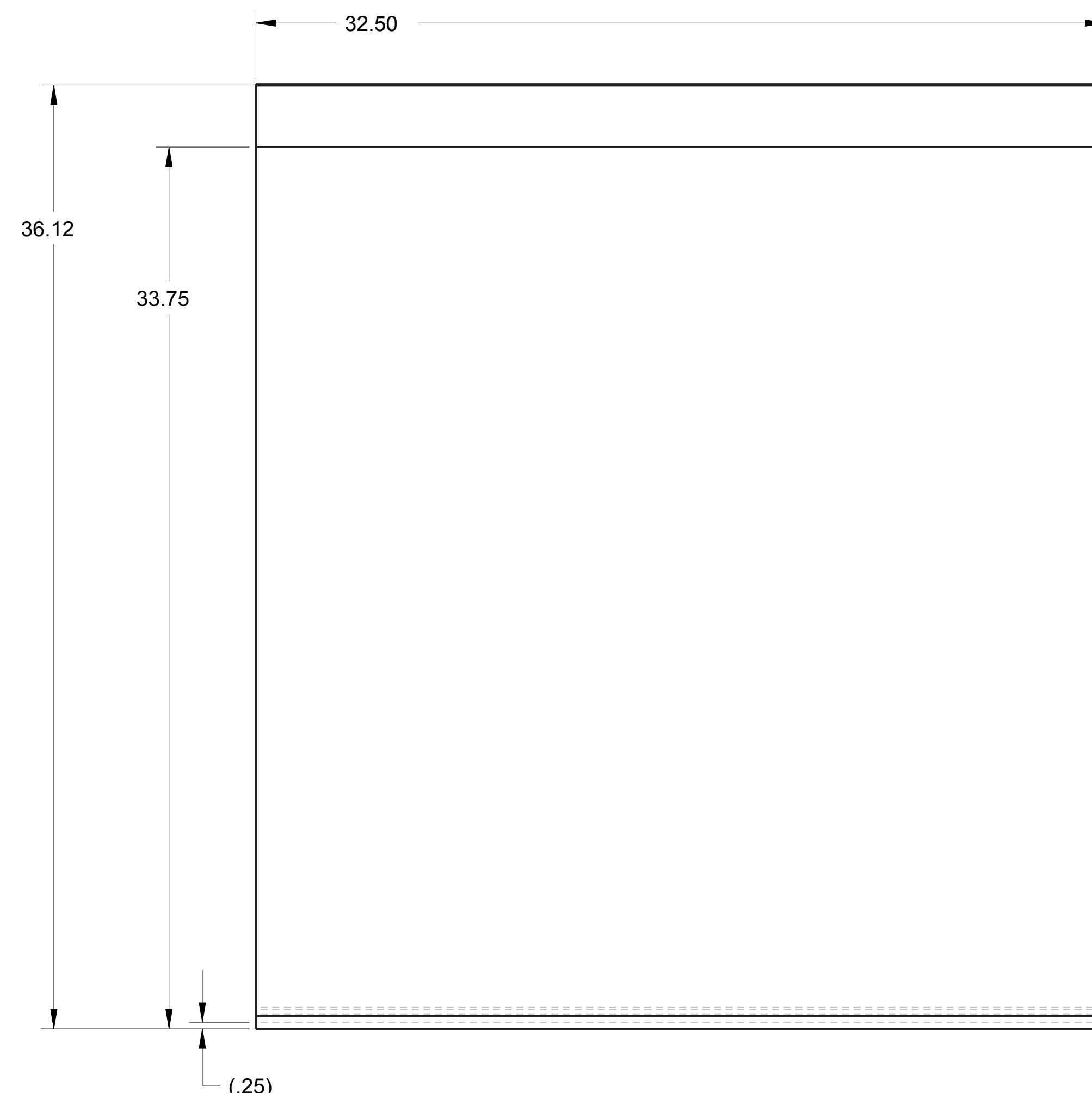
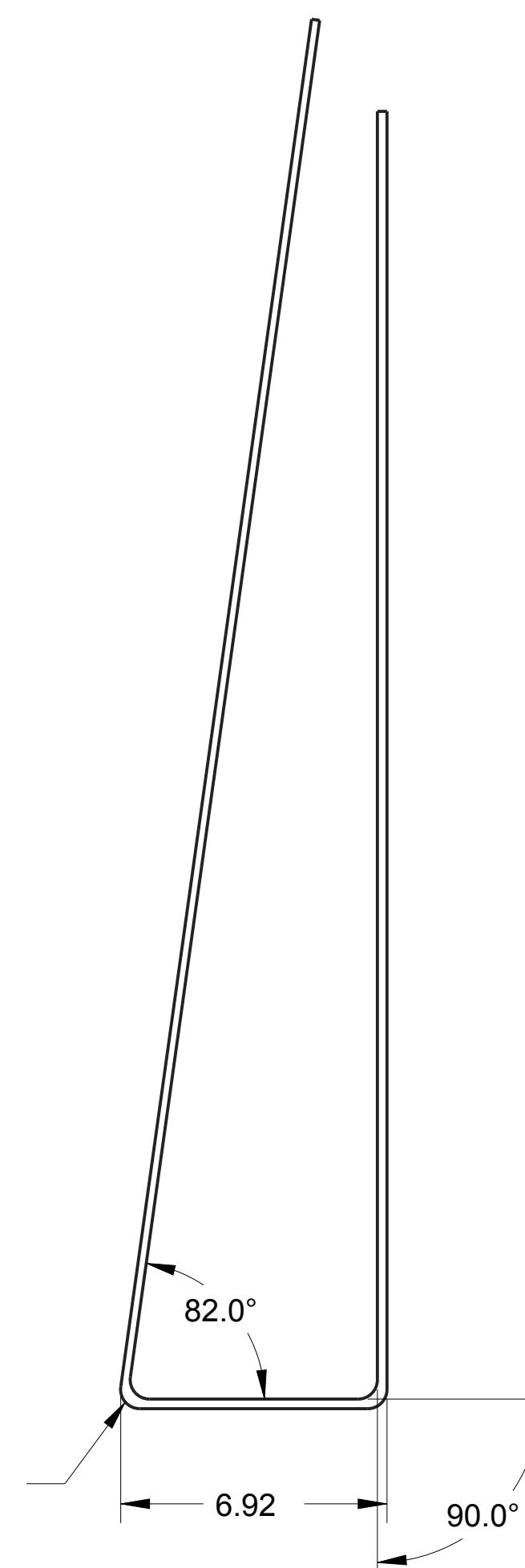
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Radius Permissible  
2 Places

## NOTE:

- 1.) Material: 1/4" Thick HDPE (red or Blue)
- 2.) Remove all burrs and sharp edges



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DO NOT SCALE	TITLE	Low Goal Ramp	
	PROJECT	MODEL NAME	GE-14015
		ISSUE	

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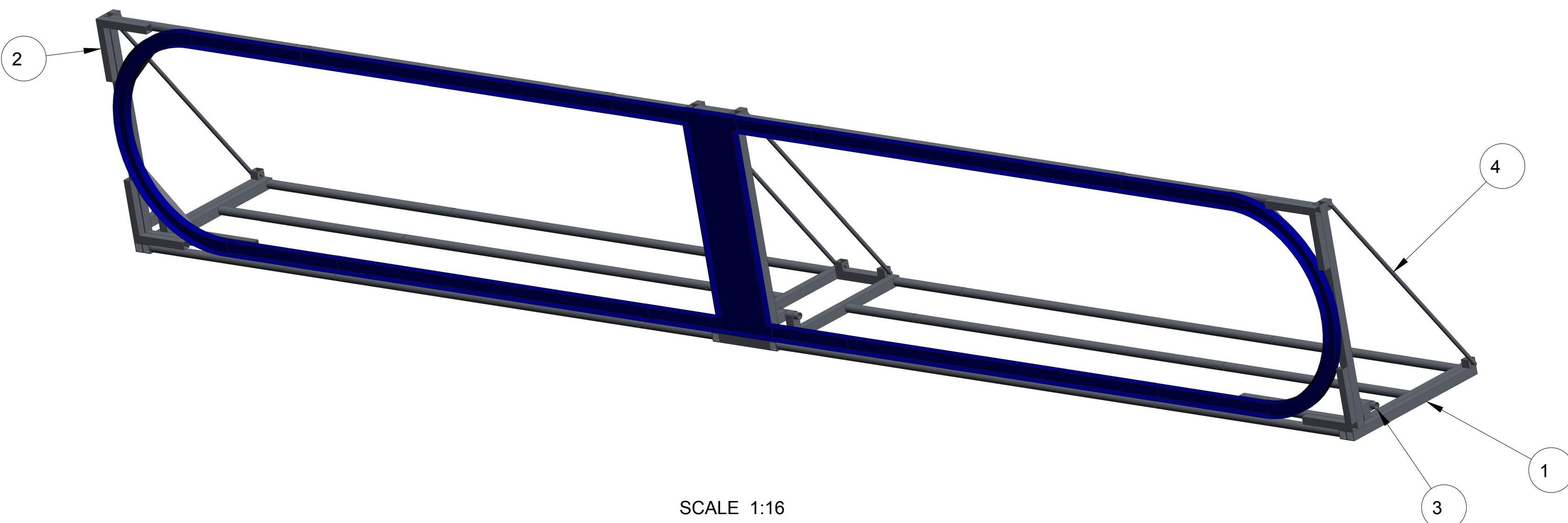
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MODEL NAME GE-14020	TITLE High Goal
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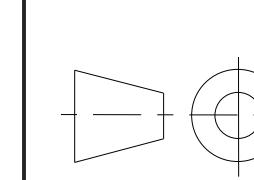
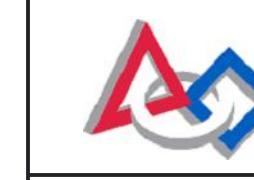
D



SCALE 1:16

A

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-14021	1	High Goal Base Assembly	See Sheet 2 for sub-assembly detail
2	GE-14027	1	High Goal Face Assembly	See Sheet 3 for sub-assembly detail
3	GE-14034	4	High Goal Hinge Pin	
4	GE-14035	4	High Goal Conduit	

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SCALE 29:1920		SHEET 1 OF 4	
DO NOT SCALE		TITLE High Goal Assembly	
PROJECT		MODEL NAME GE-14020	ISSUE

1

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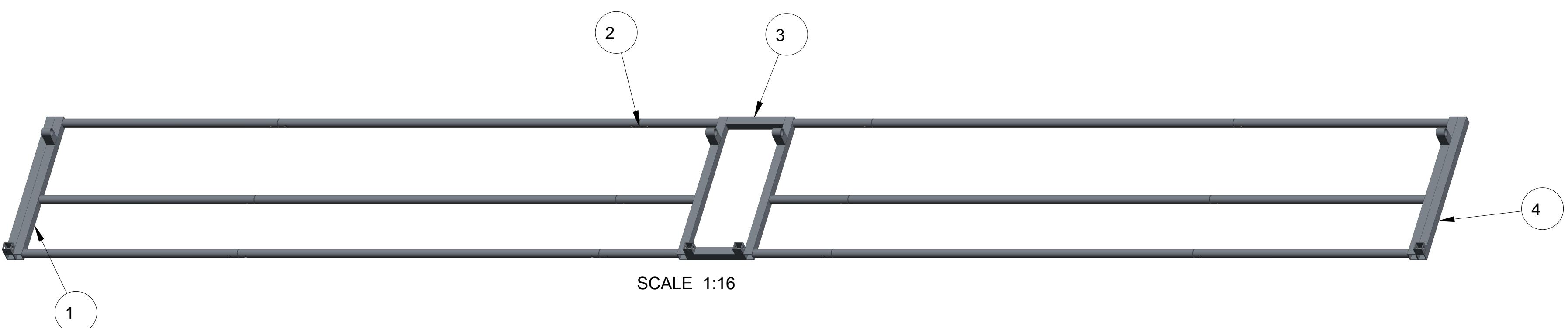
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MODEL NAME GE-14020	TITLE Hlgh Goal Assembly
------------------------	-----------------------------

D



SCALE 1:16



SCALE 1:16

Step 1: Assemble Hlgh Goal Base as shown.

ITEM NO	PART NUMBER	QTY	DESCRIPTION
1	GE-14022	1	High Goal Base Assembly Left
2	GE-14023	6	High Goal Base Assembly Extension
3	GE-14024	1	High Goal Base Assembly Middle
4	GE-14025	1	High Goal Base Assembly Right

## GE-14021 High Goal Base Assembly

FIRST

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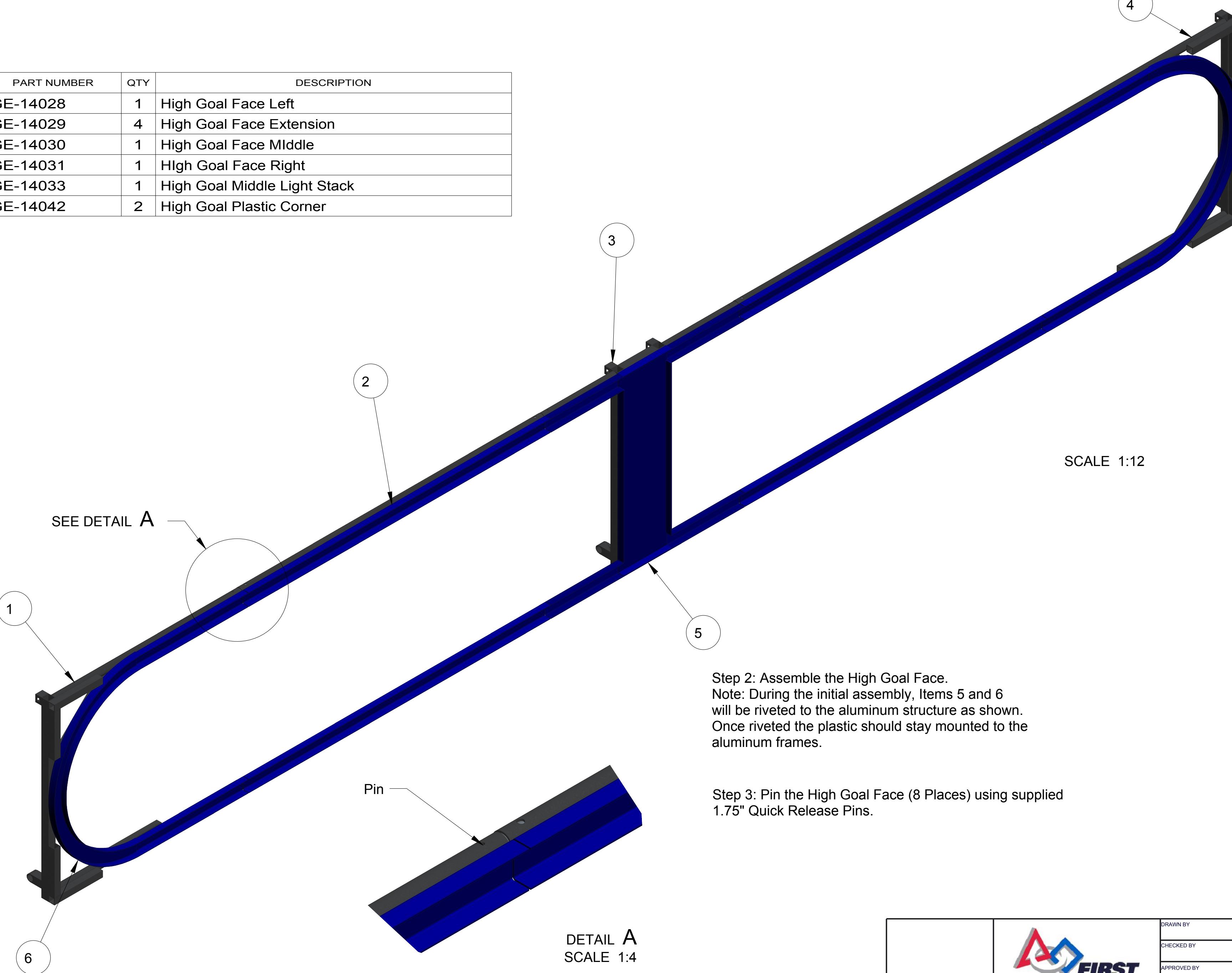
SCALE 29:1920 SHEET 2 OF 4

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	CHECKED BY	DATE
	APPROVED BY	DATE
	DO NOT SCALE	SCALE 29:1920 SHEET 2 OF 4
	TITLE	High Goal Assembly
	PROJECT	MODEL NAME GE-14020
		ISSUE

MODEL NAME  
GE-14020

TITLE  
High Goal Assembly

ITEM NO	PART NUMBER	QTY	DESCRIPTION
1	GE-14028	1	High Goal Face Left
2	GE-14029	4	High Goal Face Extension
3	GE-14030	1	High Goal Face Middle
4	GE-14031	1	High Goal Face Right
5	GE-14033	1	High Goal Middle Light Stack
6	GE-14042	2	High Goal Plastic Corner

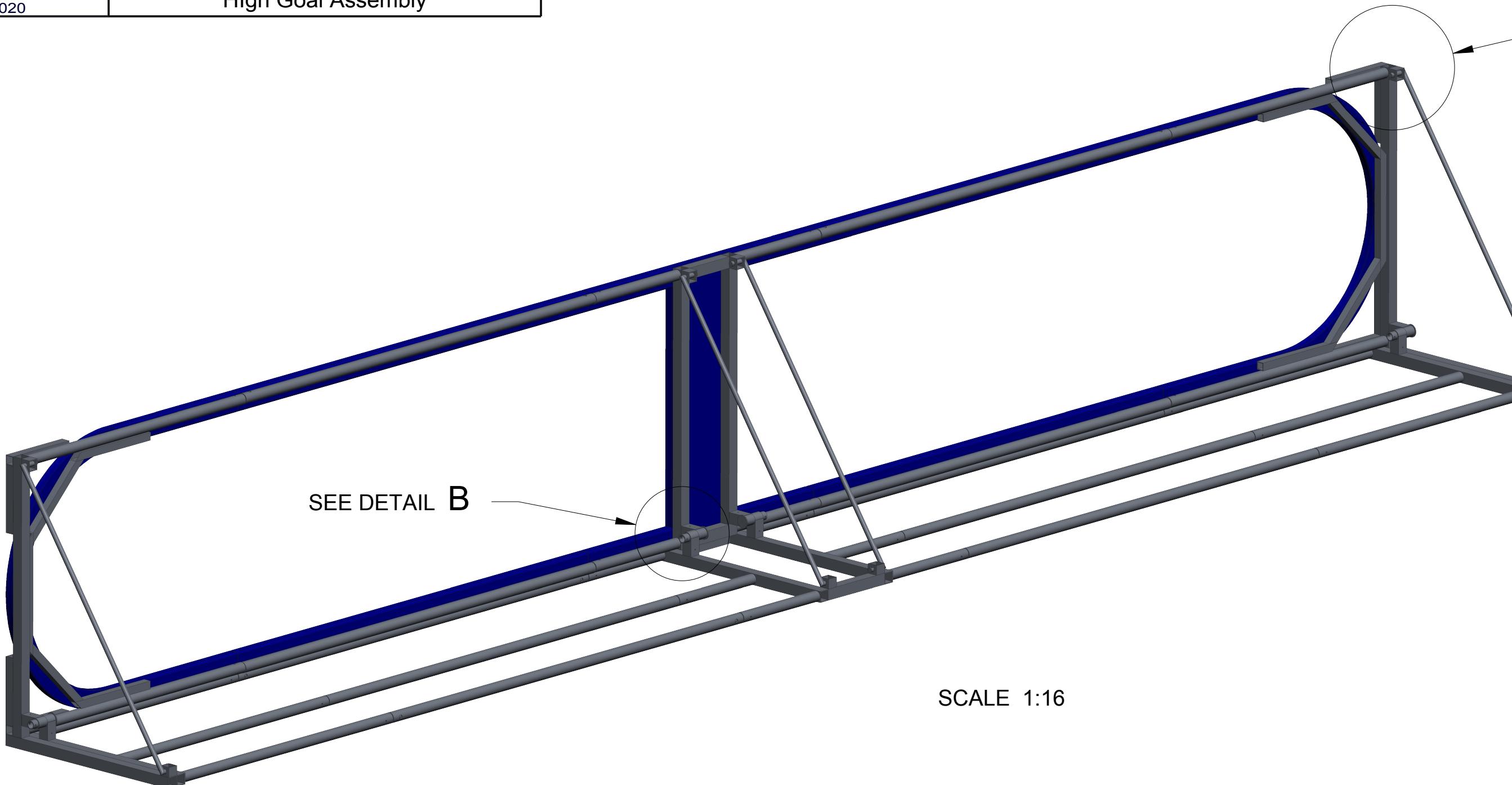


Step 2: Assemble the High Goal Face.  
Note: During the initial assembly, Items 5 and 6 will be riveted to the aluminum structure as shown. Once riveted the plastic should stay mounted to the aluminum frames.

Step 3: Pin the High Goal Face (8 Places) using supplied 1.75" Quick Release Pins.

## GE-14027 High Goal Face Assembly

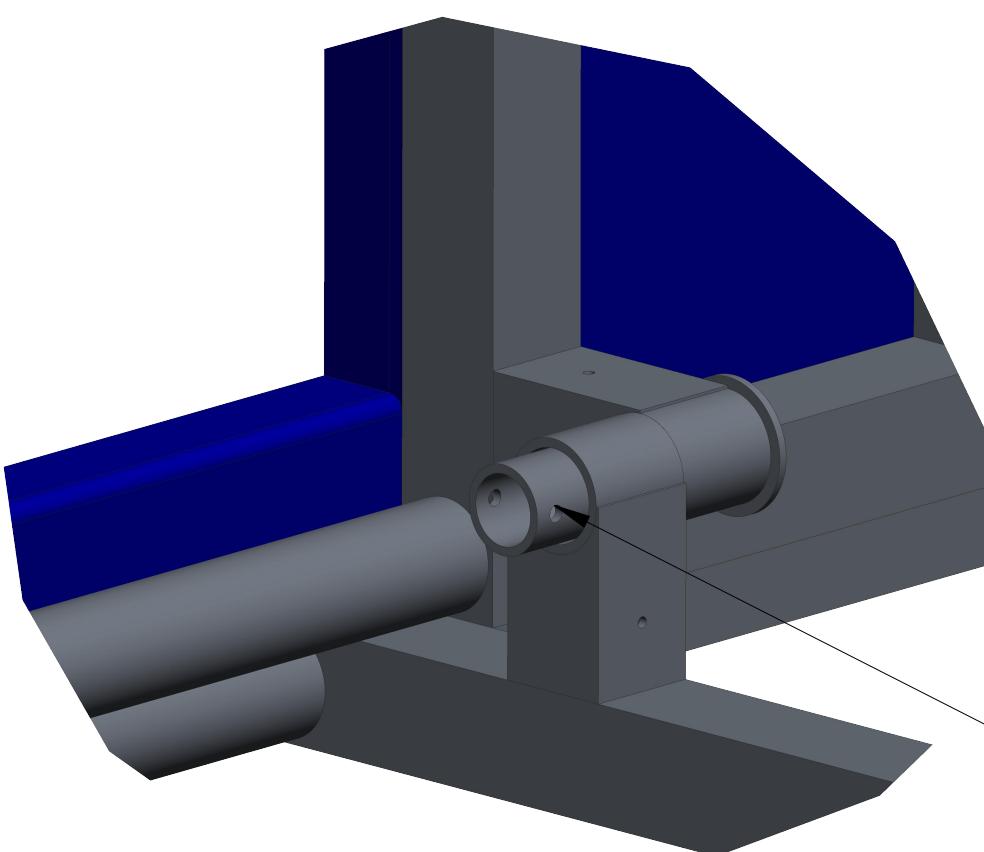
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		CHECKED BY	DATE
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		SCALE 29:1920 SHEET 3 OF 4	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1		TITLE High Goal Assembly	
DO NOT SCALE		PROJECT	MODEL NAME GE-14020
		ISSUE	



SEE DETAIL C

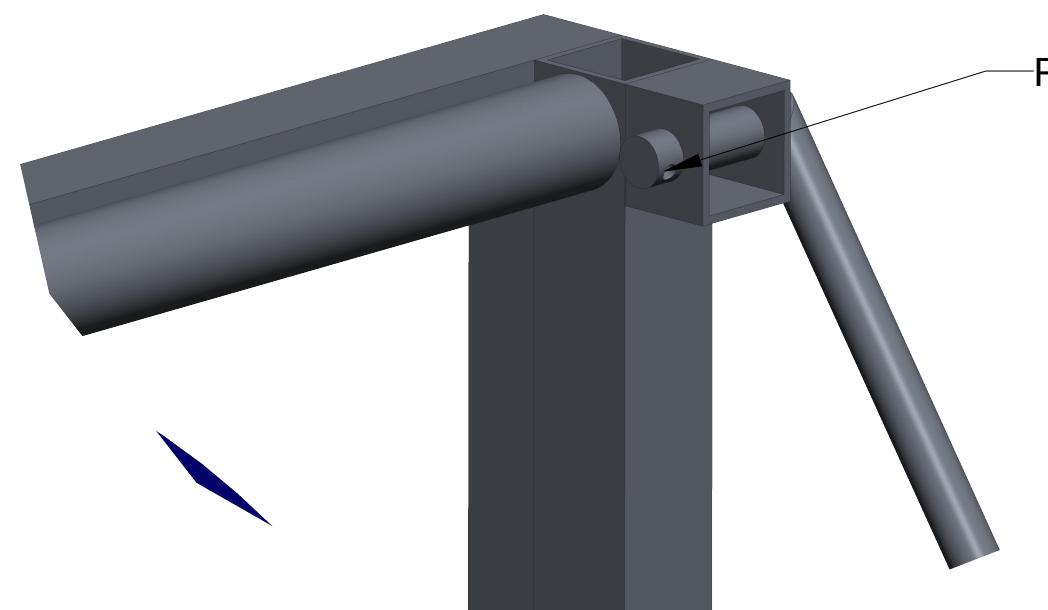
SCALE 1:16

Step 4: Mate the High Goal Face with the High Goal Base

DETAIL B  
SCALE 3:8

Step 5: Insert High Goal Pins to secure High Goal Face to High Goal Base (4 Places)

Note: Use supplied 1.5" Quick Release Pins to secure High Goal Pins (4 Places).

DETAIL C  
SCALE 3:8

Step 6: Insert High Goal Conduit into High Goal Base and High Goal Face. (4 Places)

Note: use supplied 1.5" Quick Release Pins to secure High Goal Conduit (8 Places)

ITEM NO	PART NUMBER	QTY	DESCRIPTION
1	GE-14021	1	High Goal Base Assembly
2	GE-14027	1	High Goal Face Assembly
3	GE-14034	4	High Goal Hinge Pin
4	GE-14035	4	High Goal Conduit

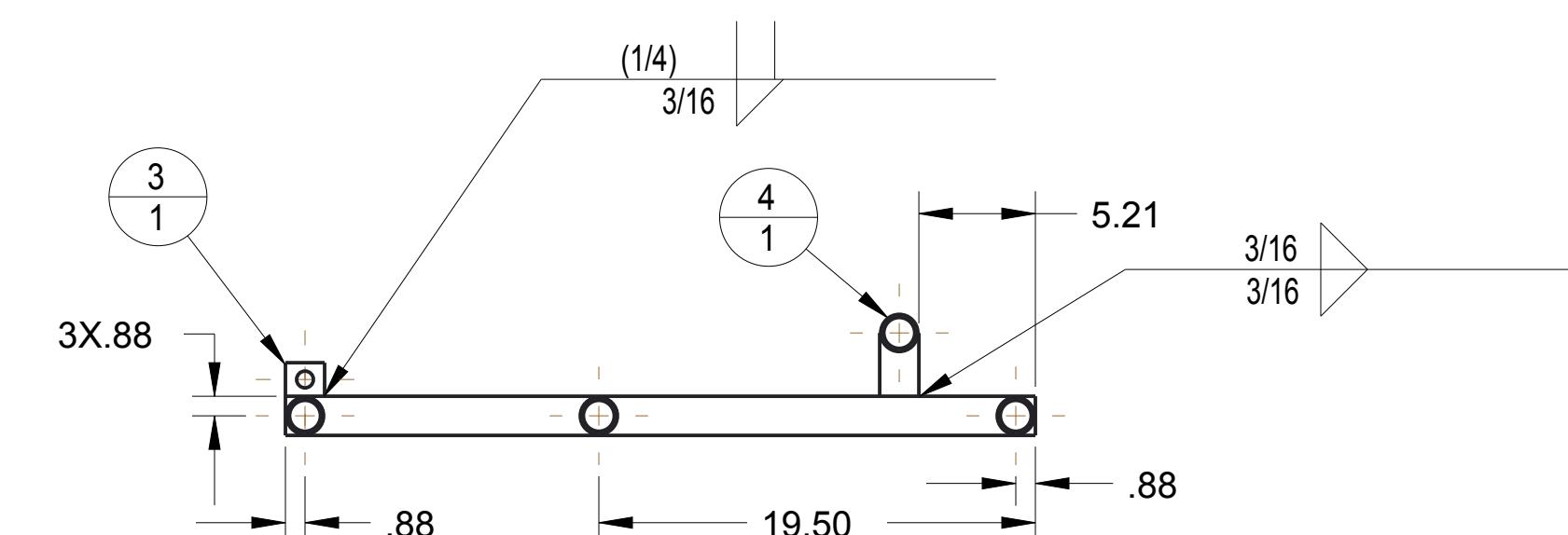
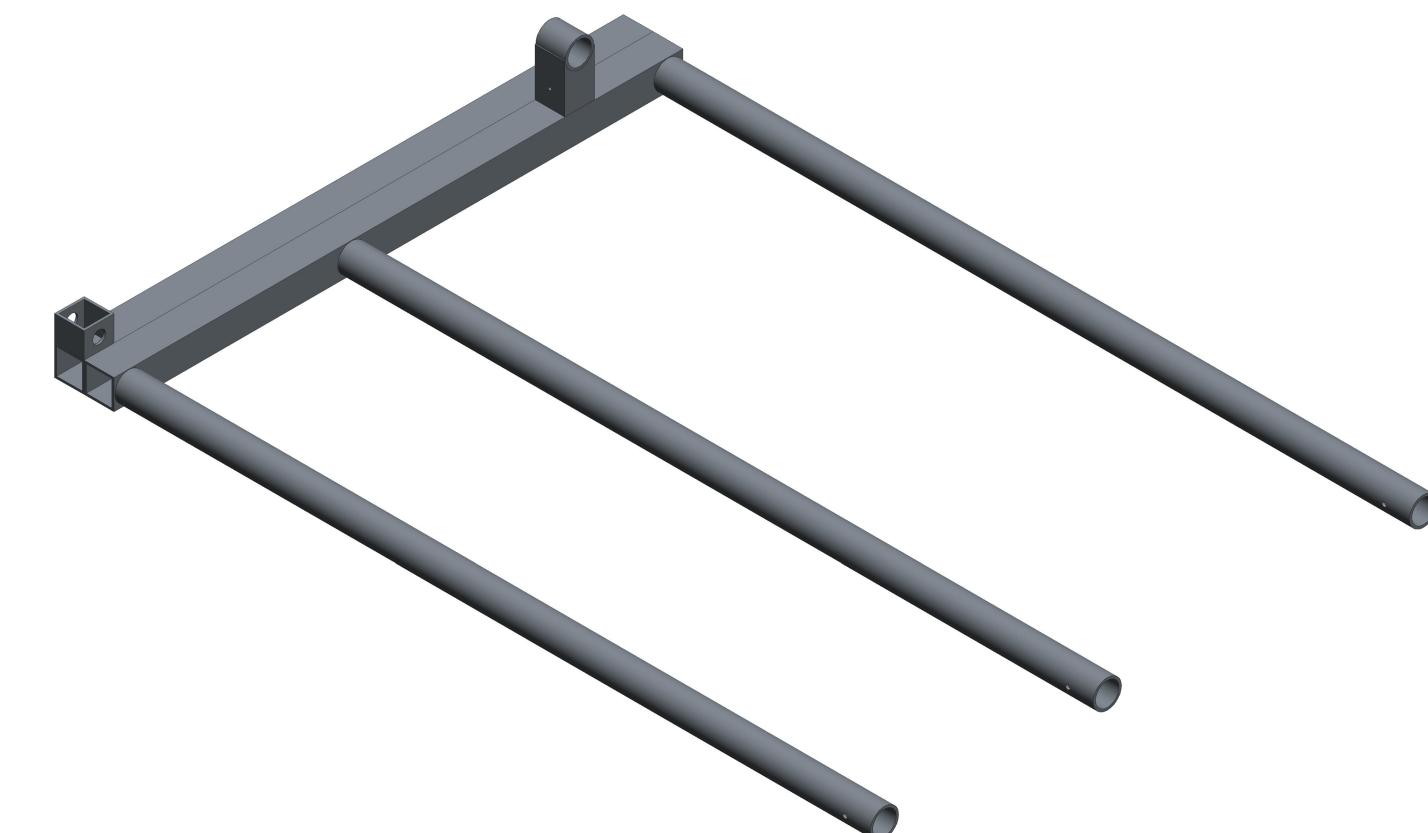
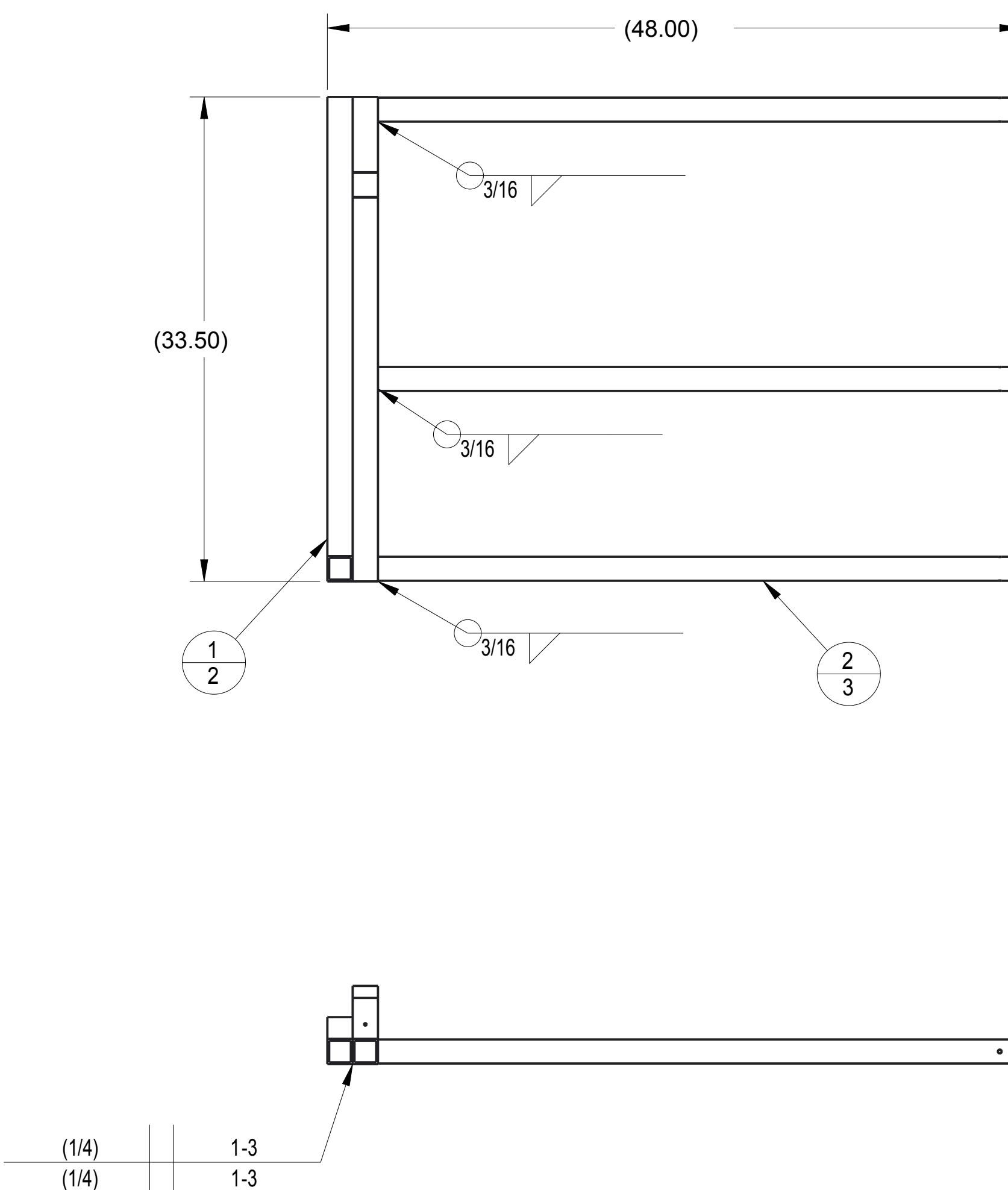
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SCALE 29:1920 SHEET 4 OF 4		
TITLE <b>High Goal Assembly</b>		
PROJECT		MODEL NAME GE-14020
ISSUE		

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4

MODEL NAME  
GE-14022TITLE  
High Goal Base Assembly Left

ITEM NO	PART NUMBER	QTY	DESCRIPTION	MATERIAL
1	GE-14022-1	2	High Goal Base Leg	1.75" x .125" Square Tube 6063 Aluminum
2	GE-14022-2	3	High Goal Connector Tube	1.25" Schedule 40 Pipe, 6061 Aluminum
3	GE-14022-3	1	High Goal Anchor Block	1.75" x .125" Square Tube, 6063 Aluminum
4	GE-14026	1	High Goal Hinge Assembly	Per Drawing

  <small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.X +/- 0.001 ANG +/- 1</small>	  <b>FIRST</b>	DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:8	SHEET 1 OF 3
TITLE		High Goal Base Assembly Left	
PROJECT		MODEL NAME	GE-14022
ISSUE			

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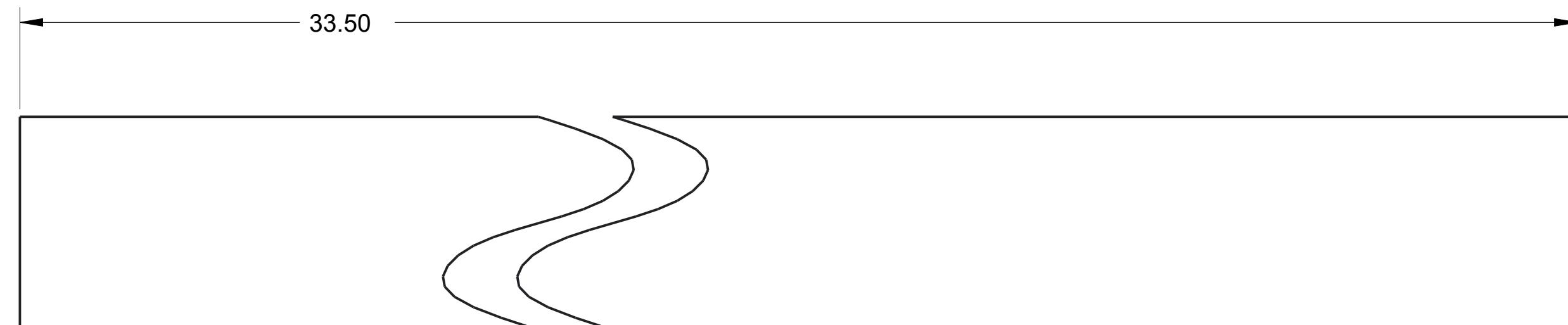
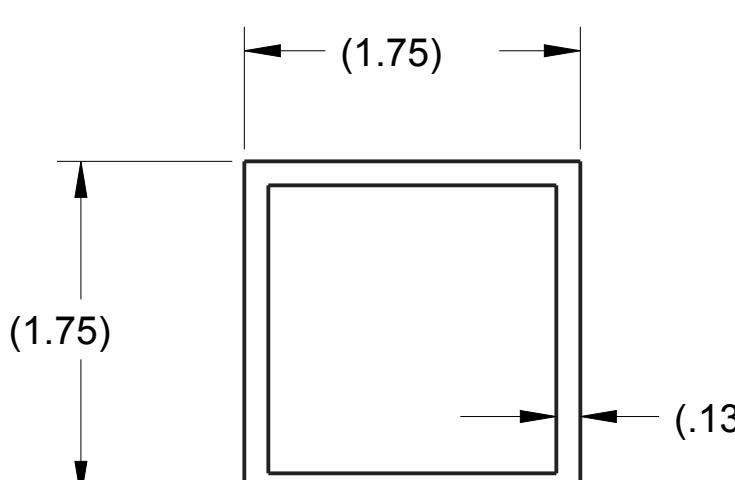
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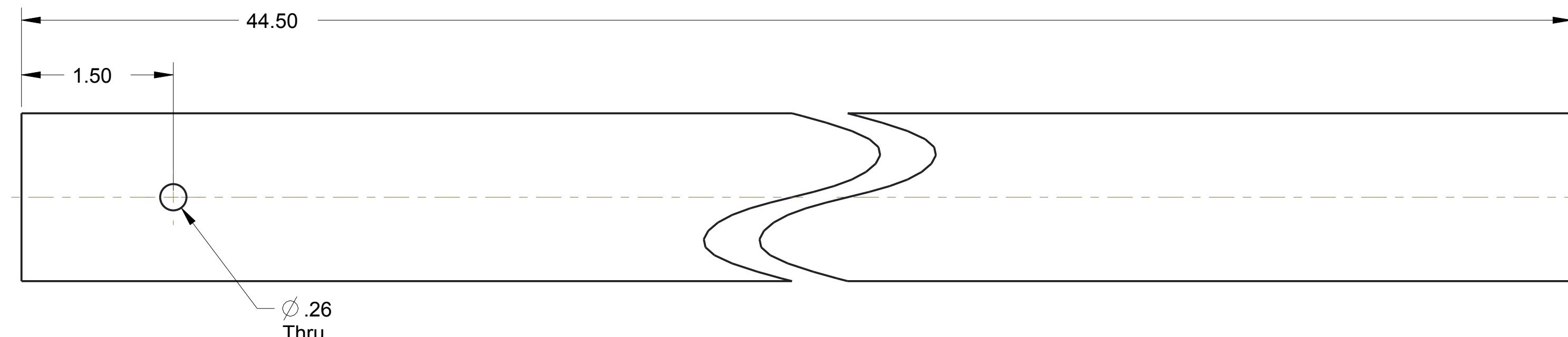
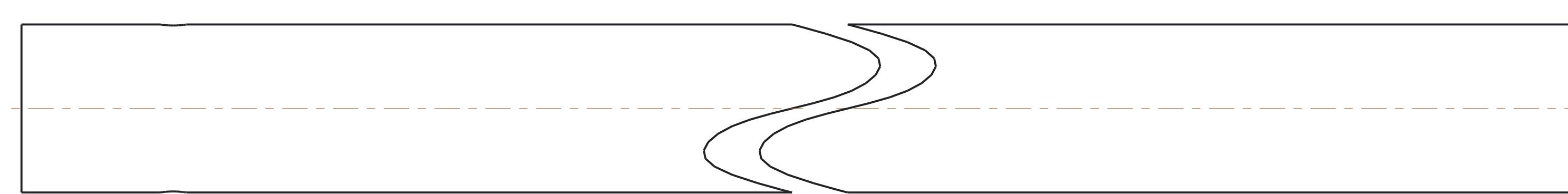
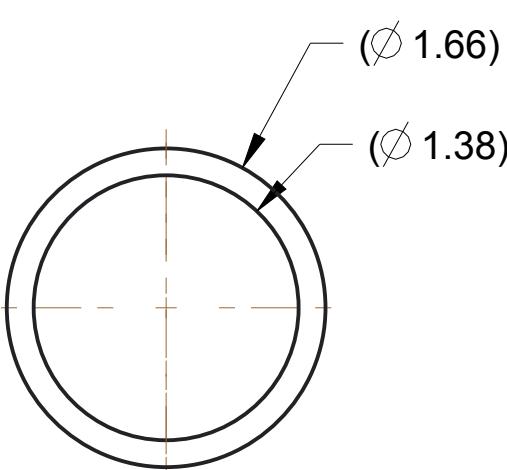
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MODEL NAME  
GE-14022TITLE  
High Goal Base Assembly Left

Item: GE-14022-01, High Goal Base Leg  
 Material: 1.75" x .125" Square Tube, 6063 Aluminum  
 Scale: 1/1  
 QTY: 2



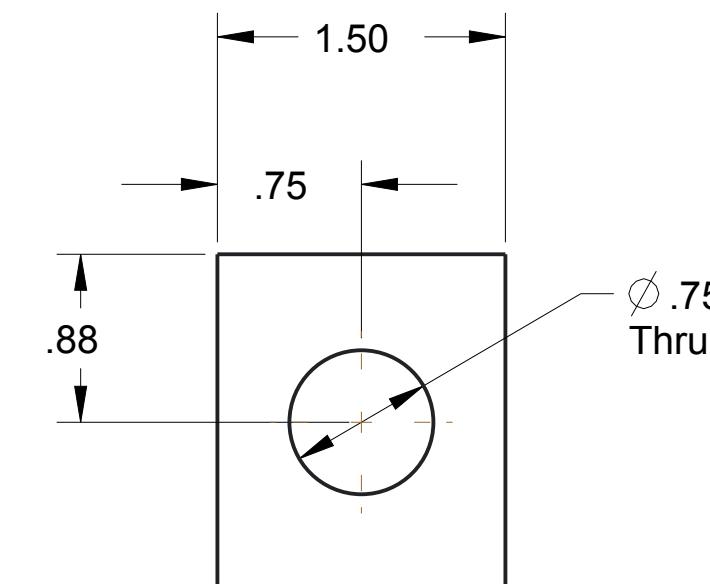
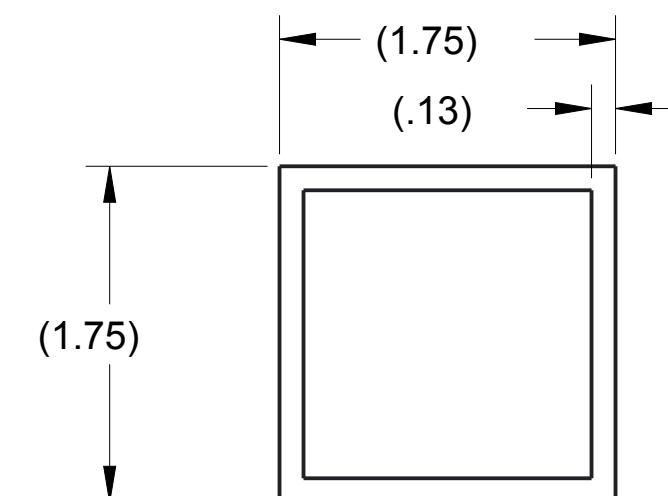
Item: GE-14022-02, High Goal Connector Tube  
 Material: 1.25" Schedule 40 Pipe, 6061 Aluminum  
 Scale: 1/1  
 QTY: 3

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		SCALE 1:12	SHEET 2 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	TITLE	High Goal Base Assembly Left	
DO NOT SCALE	PROJECT	MODEL NAME	ISSUE
		GE-14022	

MODEL NAME GE-14022	TITLE High Goal Base Assembly Left
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Item: GE-14022-03, High Goal Anchor Block  
 Material: 1.75" x .125" Square Tube, 6063 Aluminum  
 Scale: 1/1  
 QTY: 1

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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:12	SHEET 3 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. <small>TOLERANCES ARE:    XX +/- 0.1    XXX +/- 0.01    XXXX +/- 0.001    ANG +/- 1</small>	TITLE High Goal Base Assembly Left	
DO NOT SCALE	PROJECT	MODEL NAME GE-14022
		ISSUE

MODEL NAME  
GE-14023

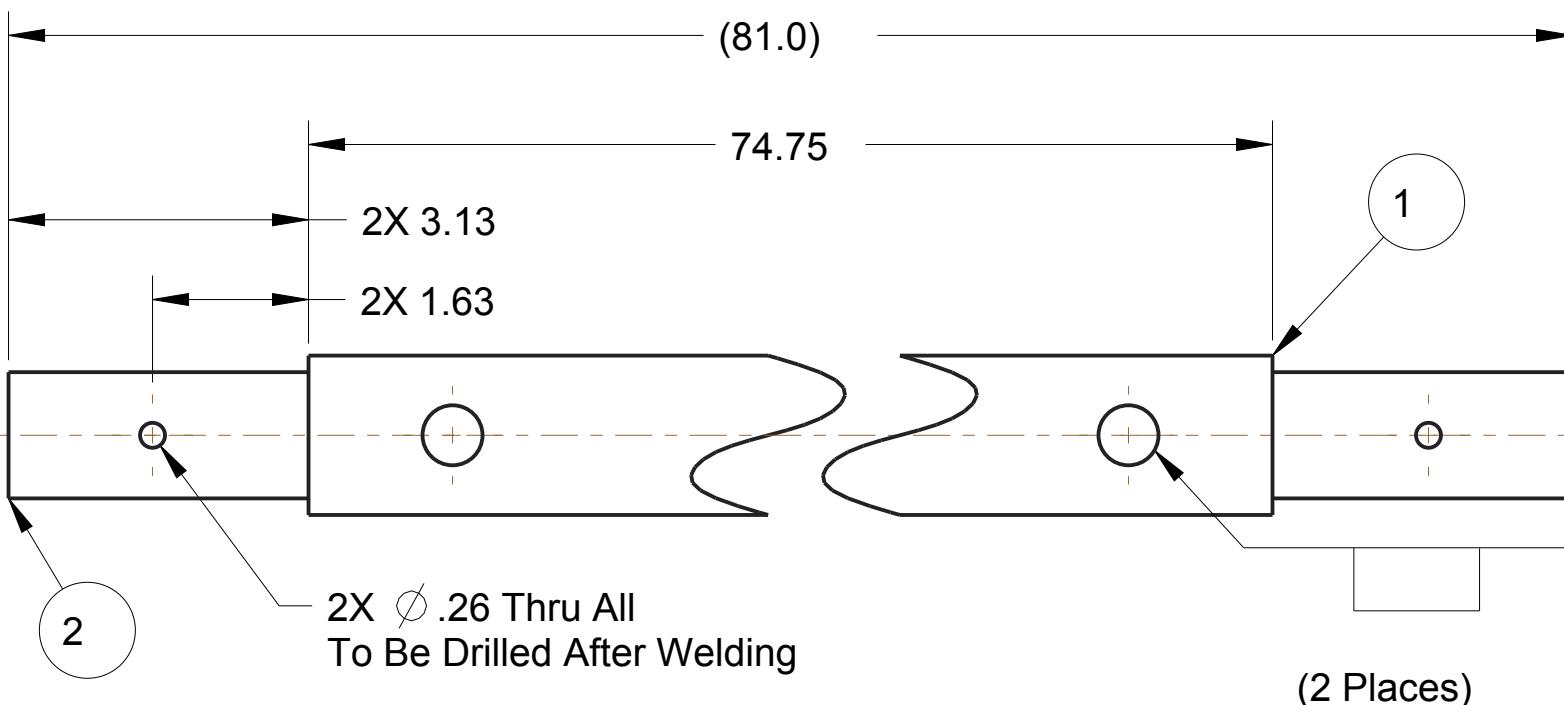
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TITLE  
High Goal Base Extension

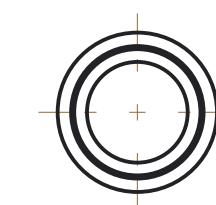
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SCALE 1:8



ITEM NO	PART NUMBER	QTY	DESCRIPTION	MATERIAL
1	GE-14023-1	1	Outer Tube	1-1/4" Sched. 40, 6061 Aluminum Pipe
2	GE-14023-2	2	Inner Tube	1" Sched. 40, 6061 Aluminum Pipe

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		CHECKED BY	DATE
		APPROVED BY	DATE
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TITLE High Goal Base Extension		PROJECT	
MODEL NAME GE-14023		ISSUE	

DO NOT SCALE  
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
XX +/- 0.1  
XXX +/- 0.01  
XXXX +/- 0.001  
ANG +/- 1

MODEL NAME  
GE-14023

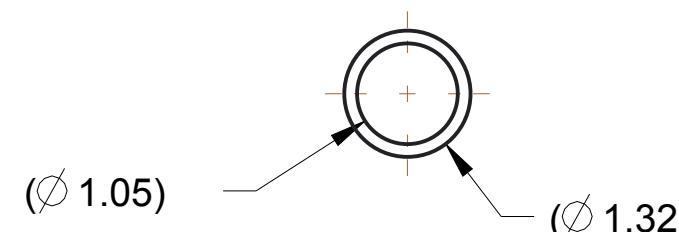
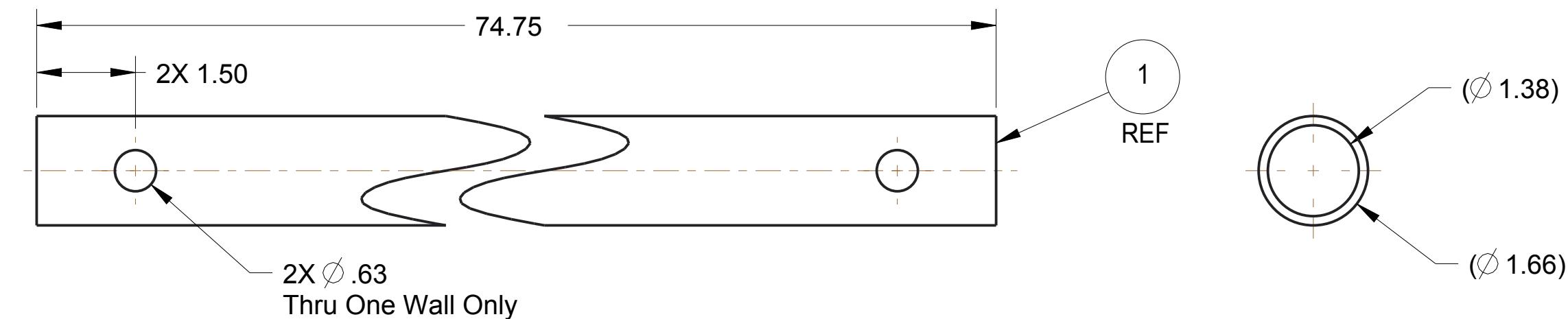
TITLE  
High Goal Base Extension

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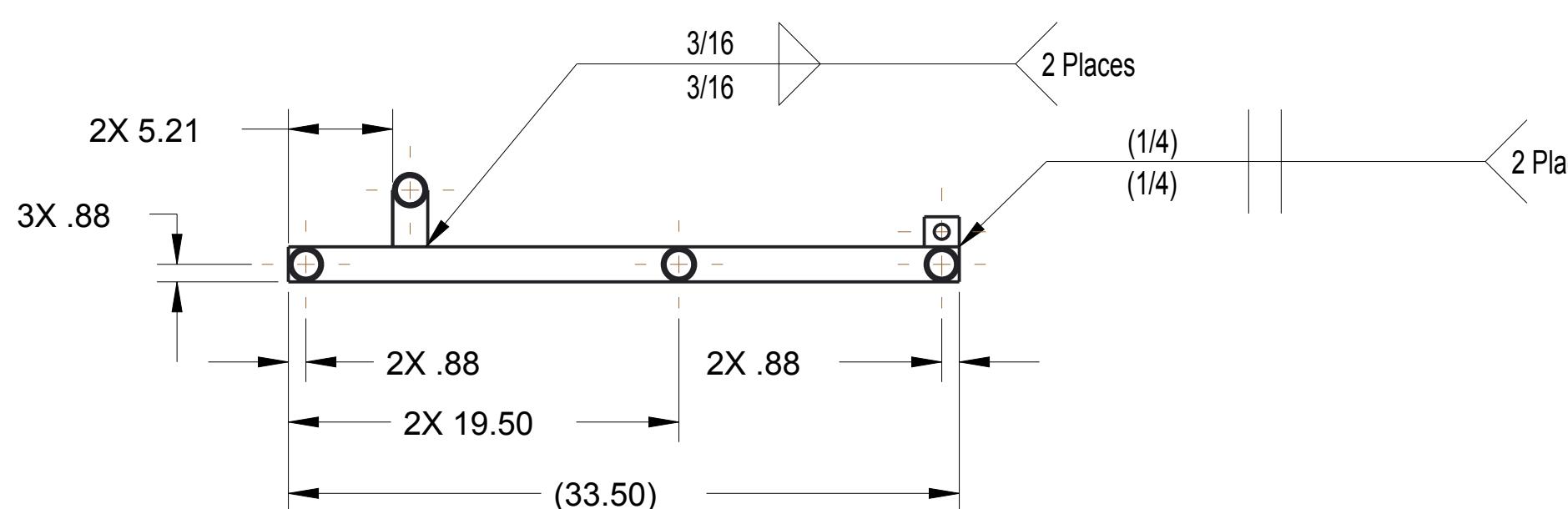
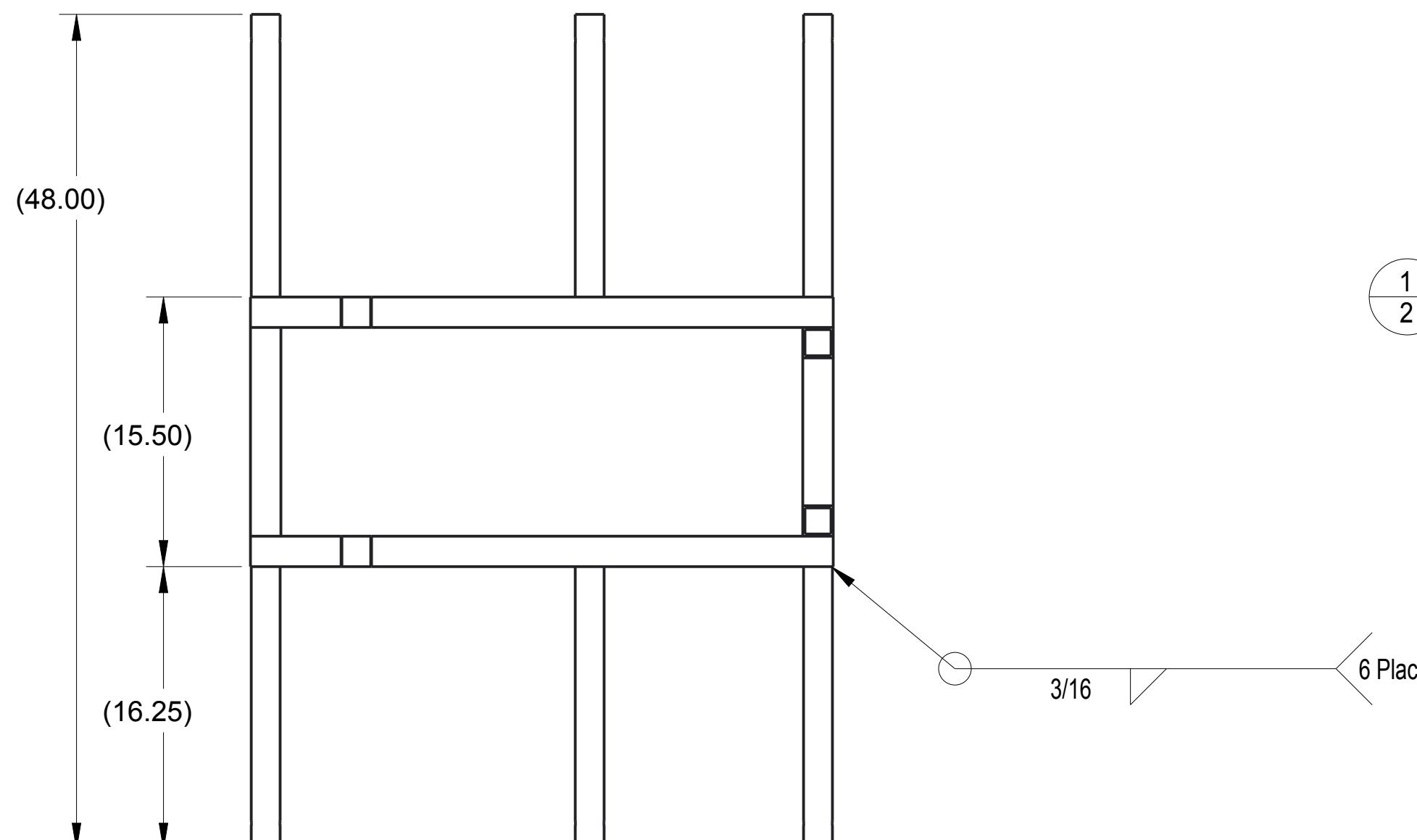
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1	CHECKED BY	DATE	
	APPROVED BY	DATE	
TITLE			SCALE 1:2 SHEET 2 OF 2
High Goal Base Extension			
PROJECT	MODEL NAME	GE-14023	ISSUE

1

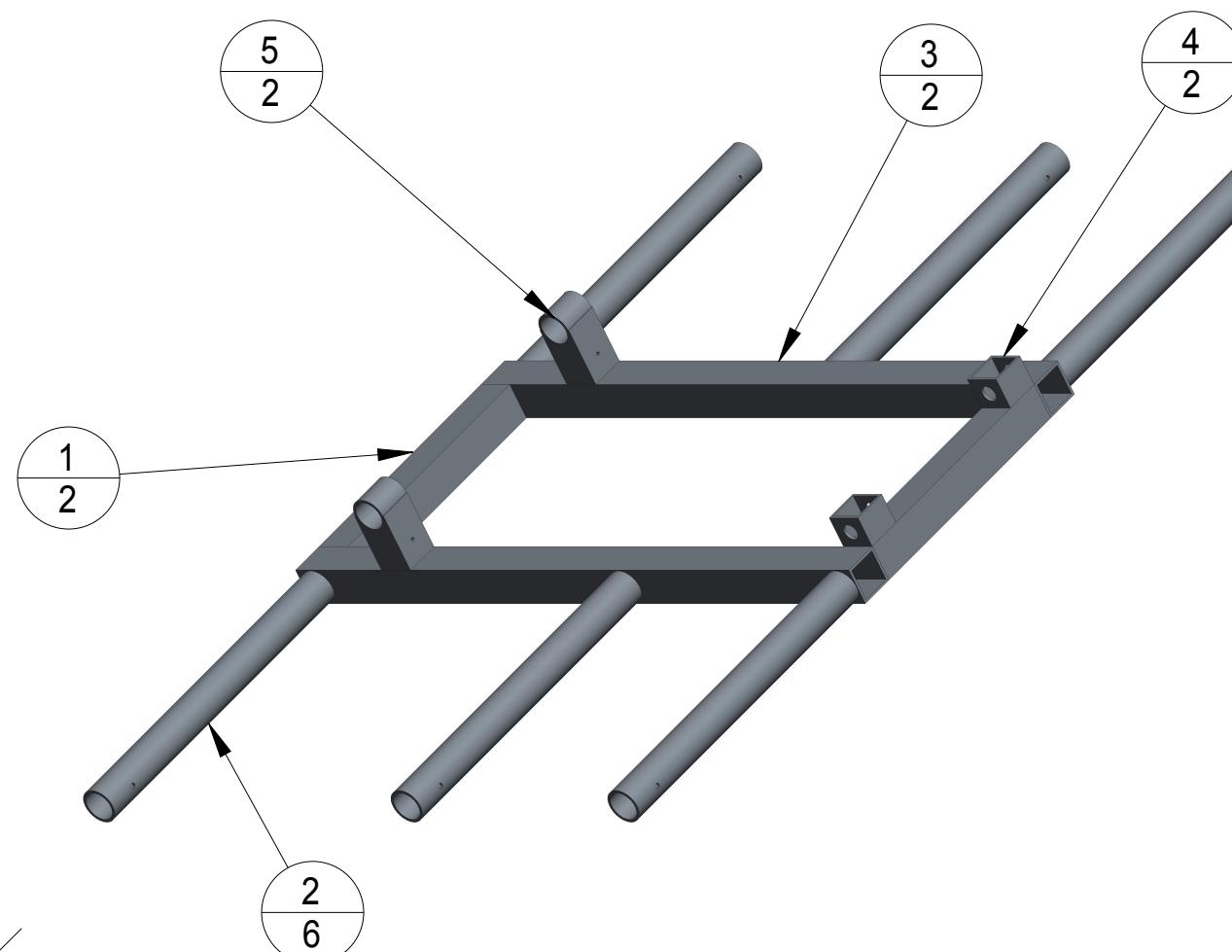
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ITEM NO	PART NUMBER	QTY	DESCRIPTION	MATERIAL
1	GE-14024-1	2	High Goal Middle, Spacer Block	1.75"x.125" Square Tube, 6063 Aluminum
2	GE-14024-2	6	High Goal Middle, Connector Tube	1.25" Schedule 40 Pipe, 6061 Aluminum
3	GE-14024-3	2	High Goal Middle, Base Leg	1.75"x.125" Square Tube, 6063 Aluminum
4	GE-14024-4	2	High Goal Middle, Anchor Block	1.75"x.125" Square Tube, 6063 Aluminum
5	GE-14026	2	High Goal Hinge, Assembly	Per Drawing GE-14026



  <small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.X +/- 0.001 ANG +/- 1</small>	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:8	
SHEET 1 OF 3		
TITLE High Goal Base Assembly Middle		
PROJECT		MODEL NAME GE-14024
ISSUE		

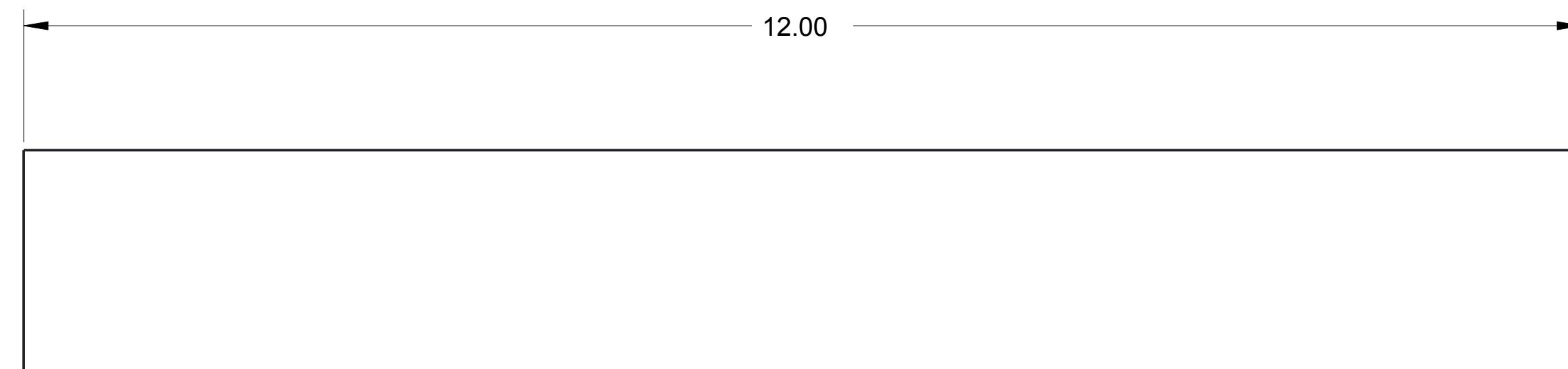
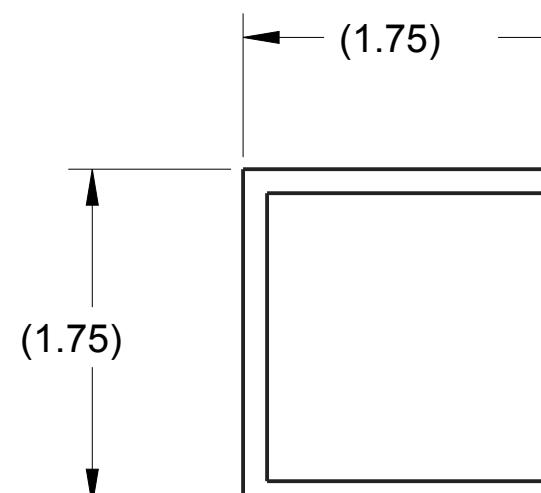
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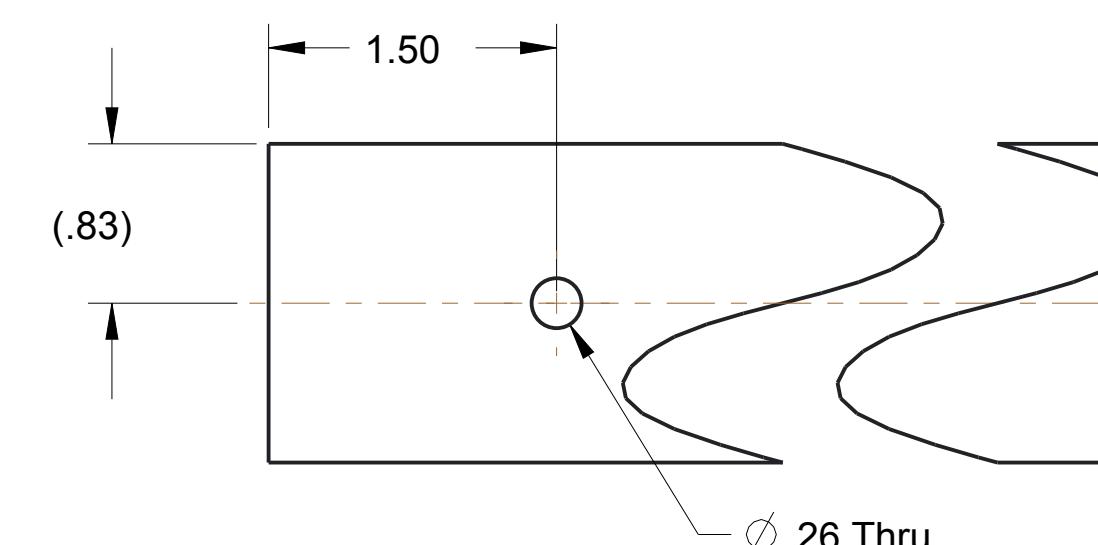
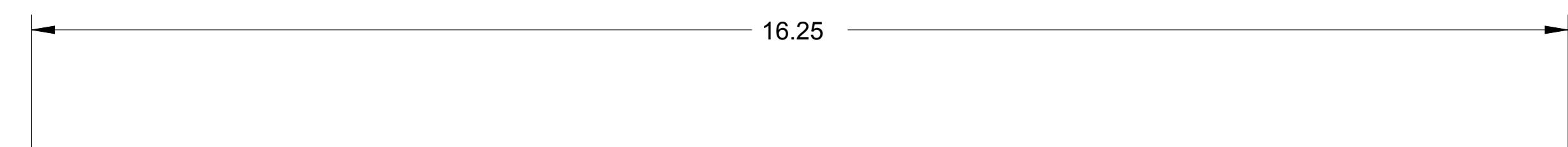
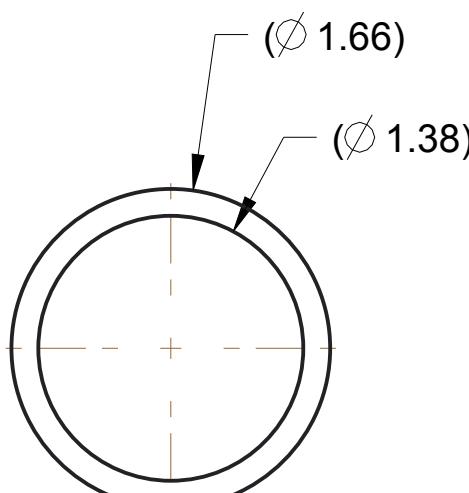
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MODEL NAME  
GE-14024TITLE  
High Goal Base Assembly Middle

Item: GE-14024-01, High Goal Middle, Spacer Block  
Material: 1.75"x.125" Square Tube, 6063 Aluminum  
Scale: 1/1  
QTY: 2



Item: GE-14024-02, High Goal Middle, Connector Tube  
Material: 1.25" Schedule 40 Pipe, 6061 Aluminum  
Scale: 1/1  
QTY: 6

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:6	SHEET 2 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XX.X +/- .001 XXX.XX +/- .0001 ANG +/- 1	TITLE	High Goal Base Assembly Middle
DO NOT SCALE	PROJECT	MODEL NAME GE-14024
		ISSUE

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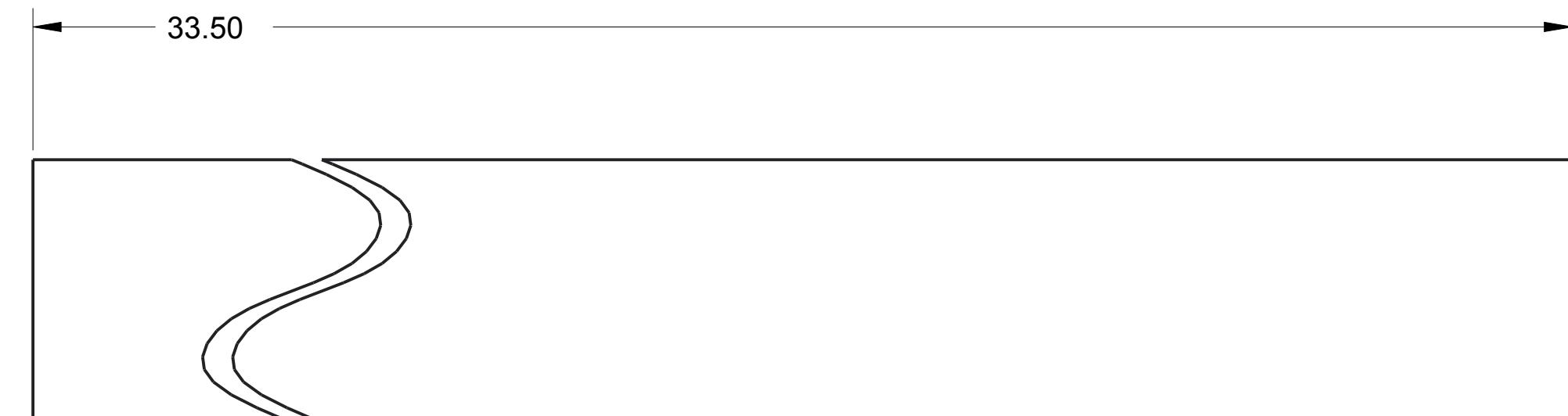
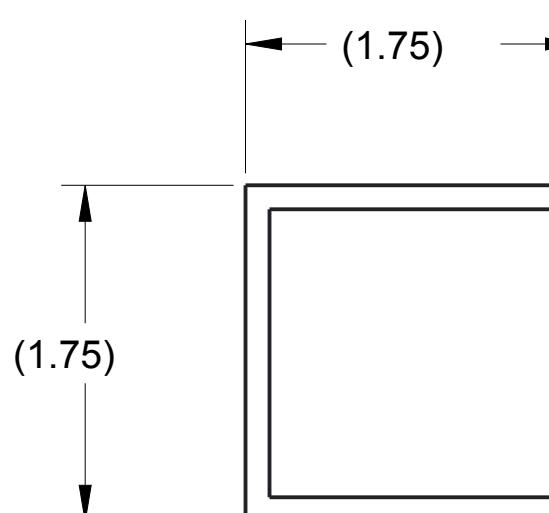
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MODEL NAME  
GE-14024TITLE  
High Goal Base Assembly Middle

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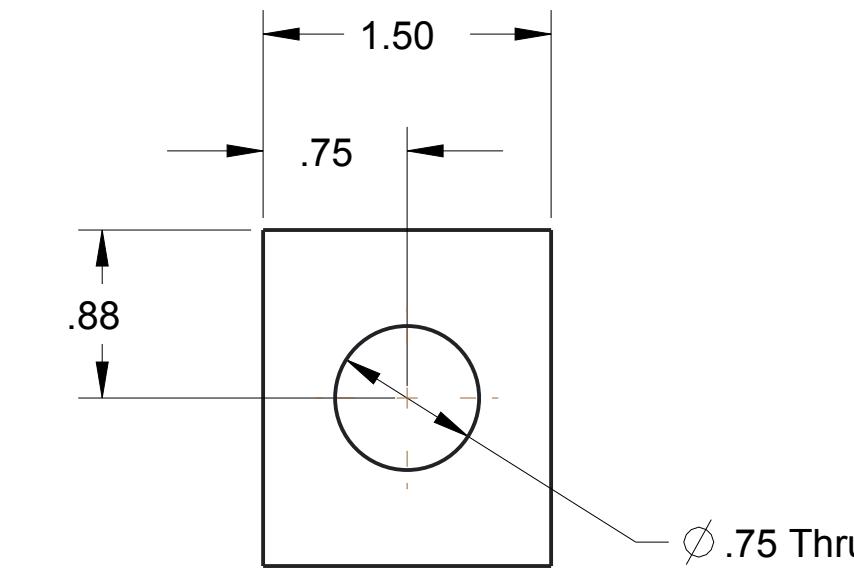
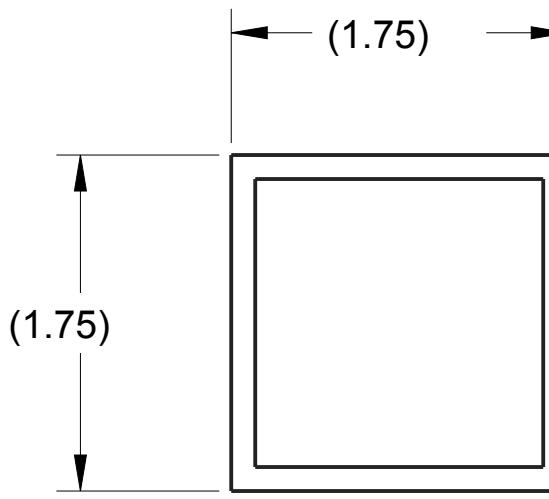
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Item: GE-14024-01, High Goal Middle, Base Leg  
 Material: 1.75"x.125" Square Tube, 6063 Aluminum  
 Scale: 1/1  
 QTY: 2

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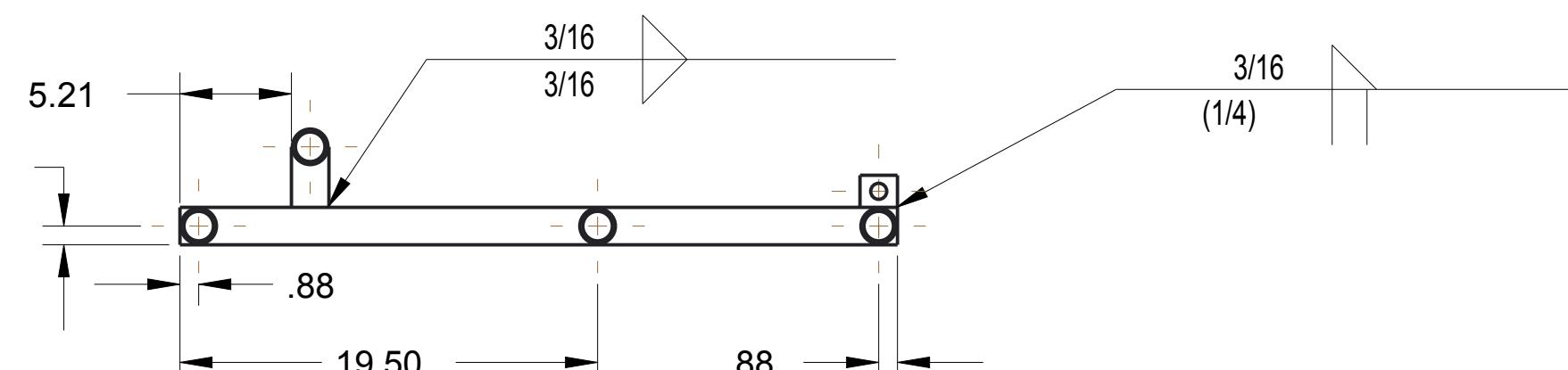
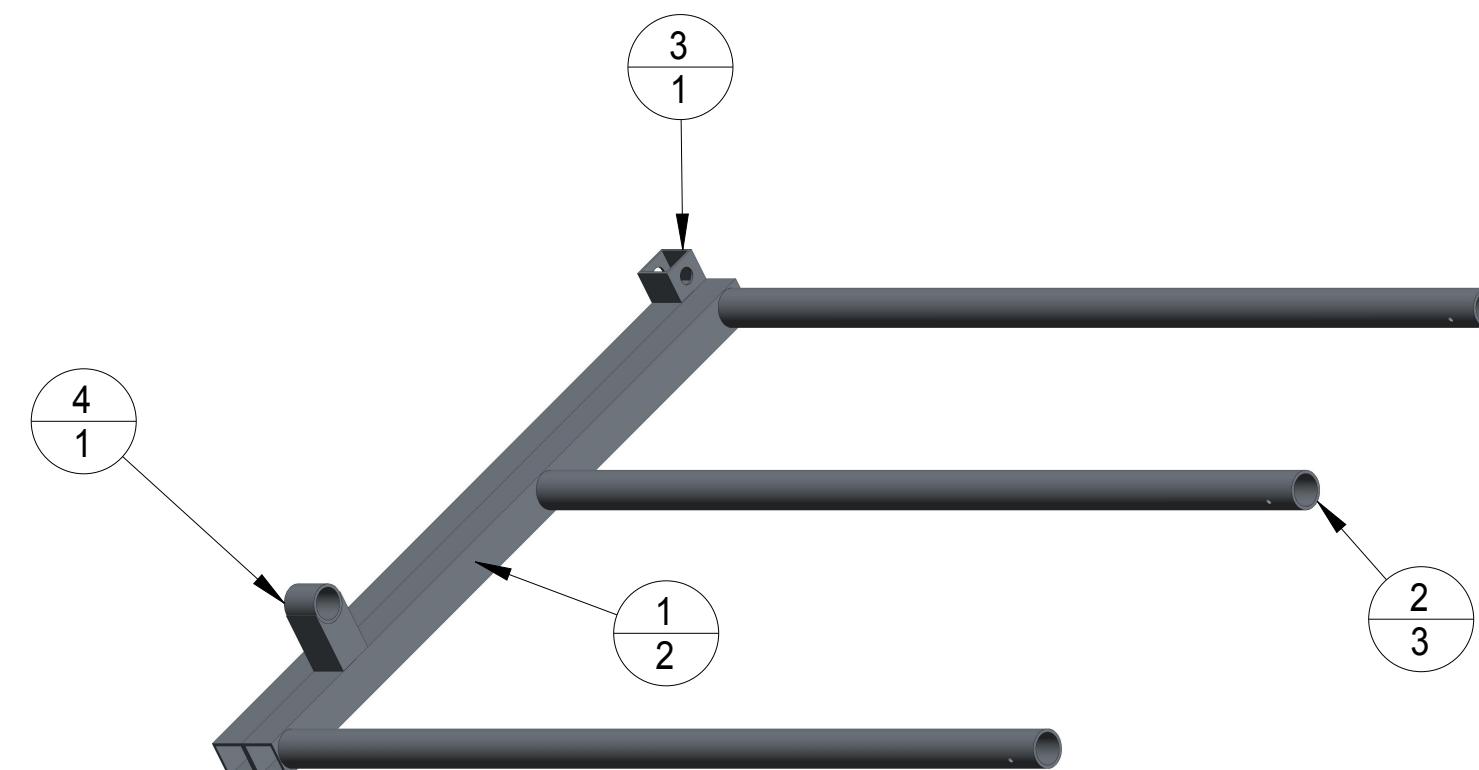
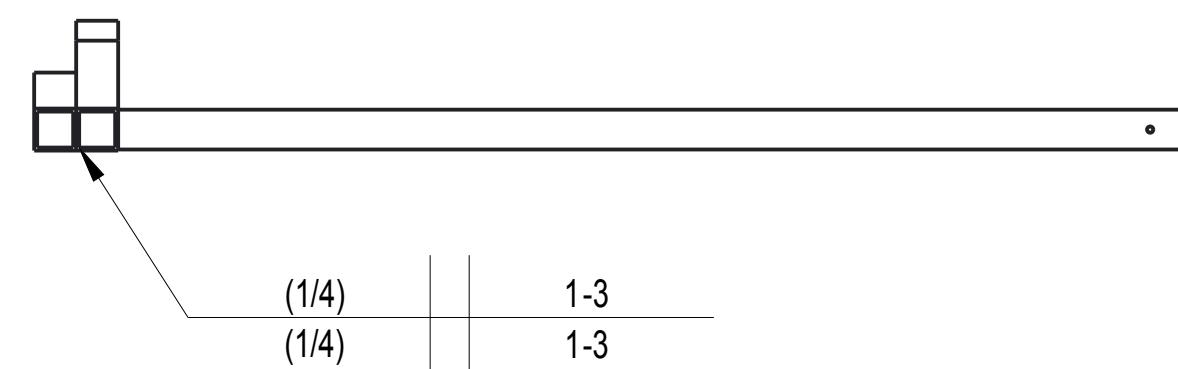
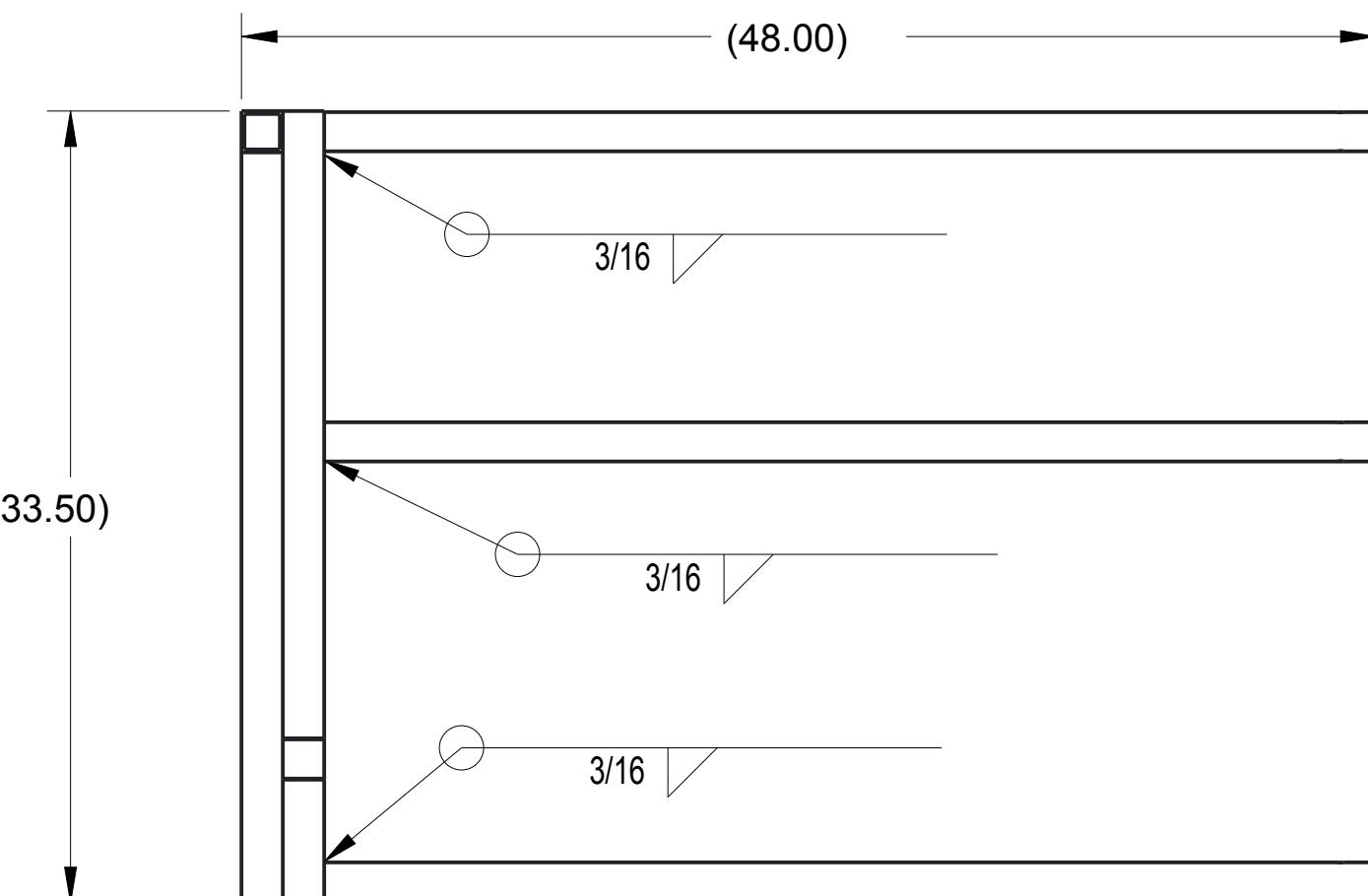


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Item: GE-14024-01, High Goal Middle, Anchor Block  
 Material: 1.75"x.125" Square Tube, 6063 Aluminum  
 Scale: 1/1  
 QTY: 2

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:6	SHEET 3 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	TITLE	High Goal Base Assembly Middle
DO NOT SCALE	PROJECT	MODEL NAME GE-14024
		ISSUE

MODEL NAME  
GE-14025TITLE  
High Goal Base Assembly Right

ITEM NO	PART NUMBER	QTY	DESCRIPTION	MATERIAL
1	GE-14025-1	2	High Goal Base Leg	1.75"x.125" Square Tube, 6063 Aluminum
2	GE-14025-2	3	High Goal Connector Tube	1.25" Schedule 40 Pipe, 6061 Aluminum
3	GE-14025-3	1	High Goal Anchor Block	1.75"x.125" Square Tube, 6063 Aluminum
4	GE-14026	1	High Goal Hinge Assembly	Per Drawing GE-14026

  <small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .10 XX.X +/- .01 XXX.X +/- .001 ANG +/- 1</small>	DRAWN BY	DATE
	CHECKED BY	DATE
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	SCALE 1:8	SHEET 1 OF 3
TITLE		
High Goal Base Assembly Right		
PROJECT		MODEL NAME
		GE-14025
ISSUE		

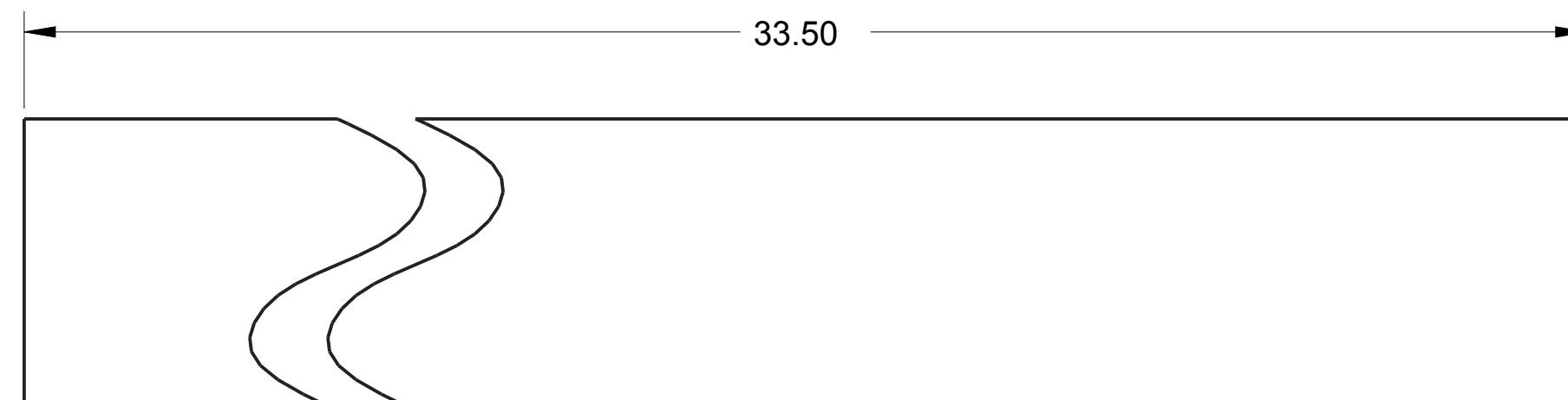
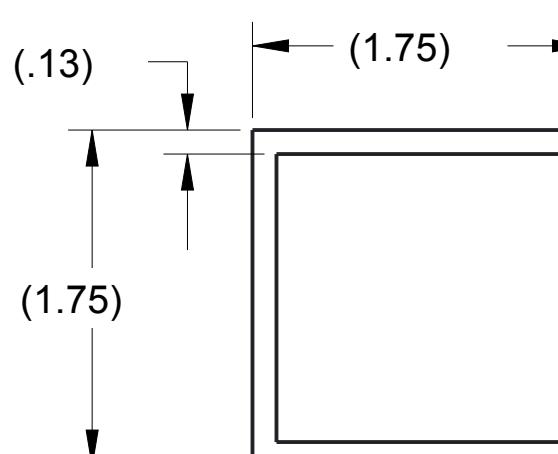
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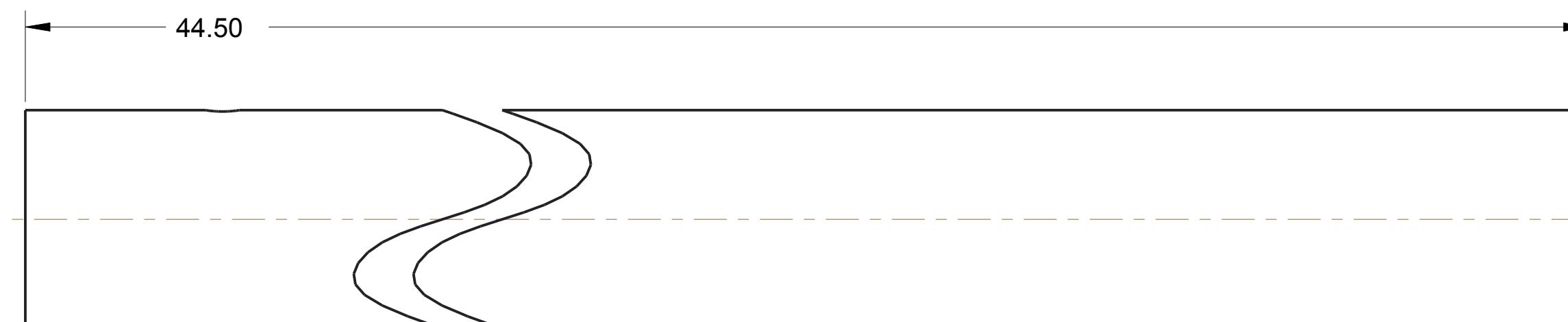
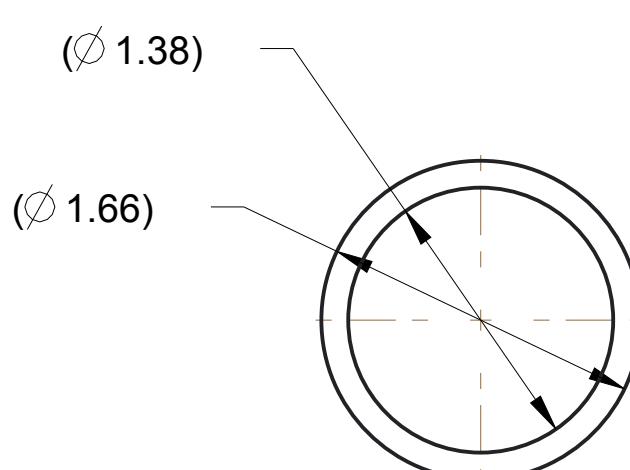
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MODEL NAME  
GE-14025TITLE  
High Goal Base Assembly Right

Item: GE-14025-01, High Goal Base Leg  
 Material: 1.75" x .125" Square Tube, 6063 Aluminum  
 Scale: 1/1  
 QTY: 2



Item: GE-14025-02, High Goal Connector Tube  
 Material: 1.25" Schedule 40 Pipe, 6061 Aluminum  
 Scale: 1/1  
 QTY: 3

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:8	SHEET 2 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XX.X +/- .001 XXX.XX +/- .0001 ANG +/- 1	TITLE	High Goal Base Assembly Right
DO NOT SCALE	PROJECT	MODEL NAME GE-14025
		ISSUE

MODEL NAME GE-14025	TITLE High Goal Base Assembly Right
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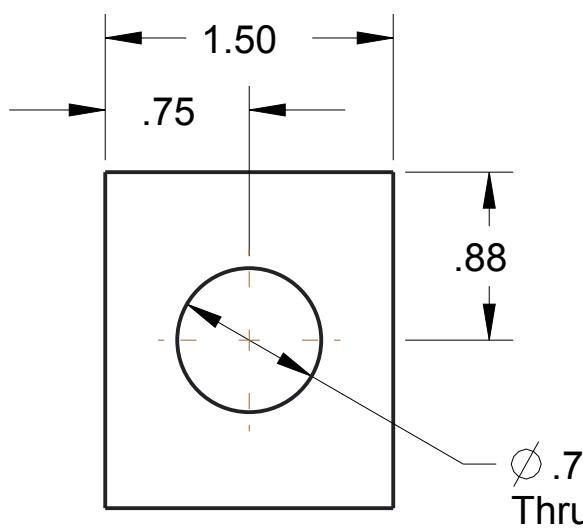
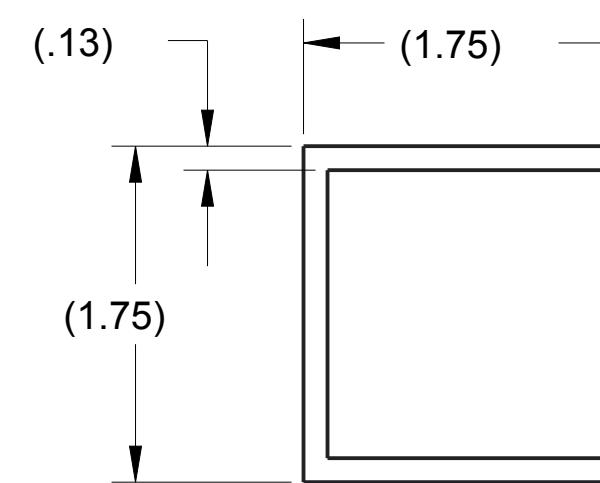
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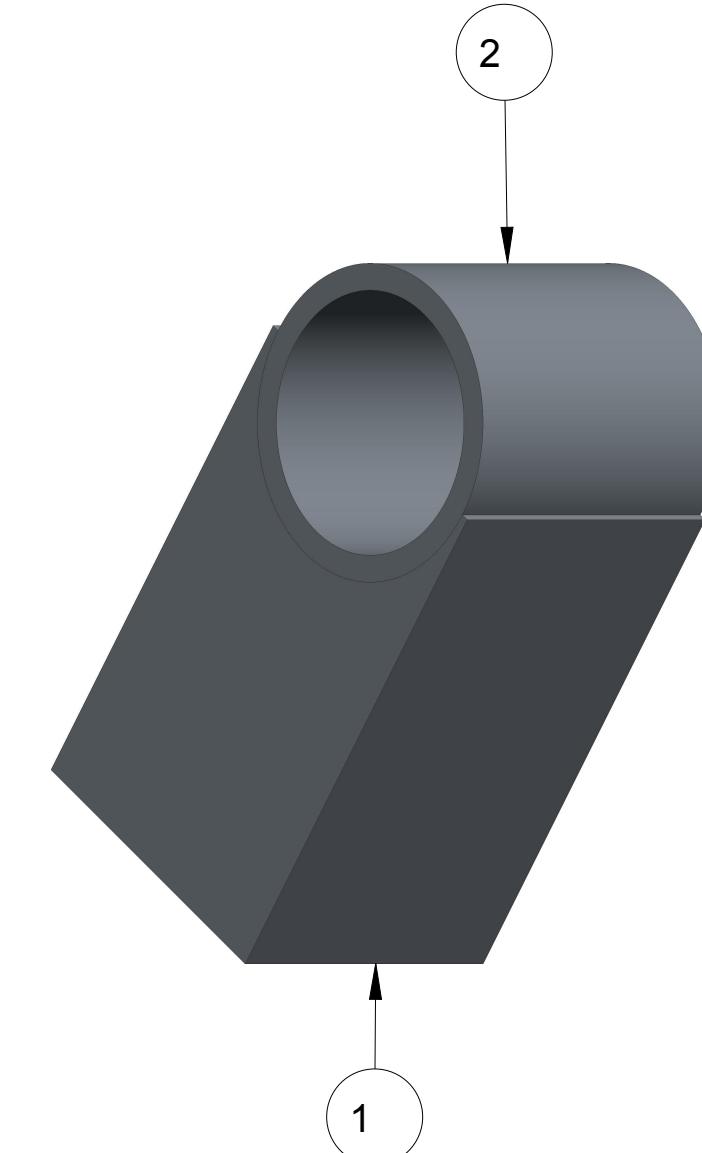
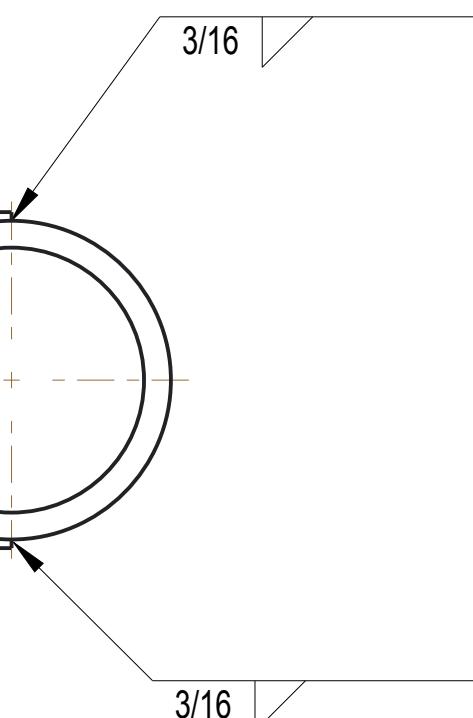
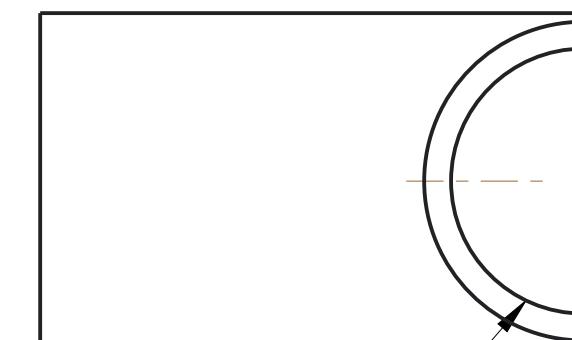
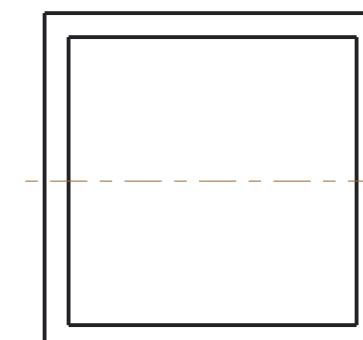
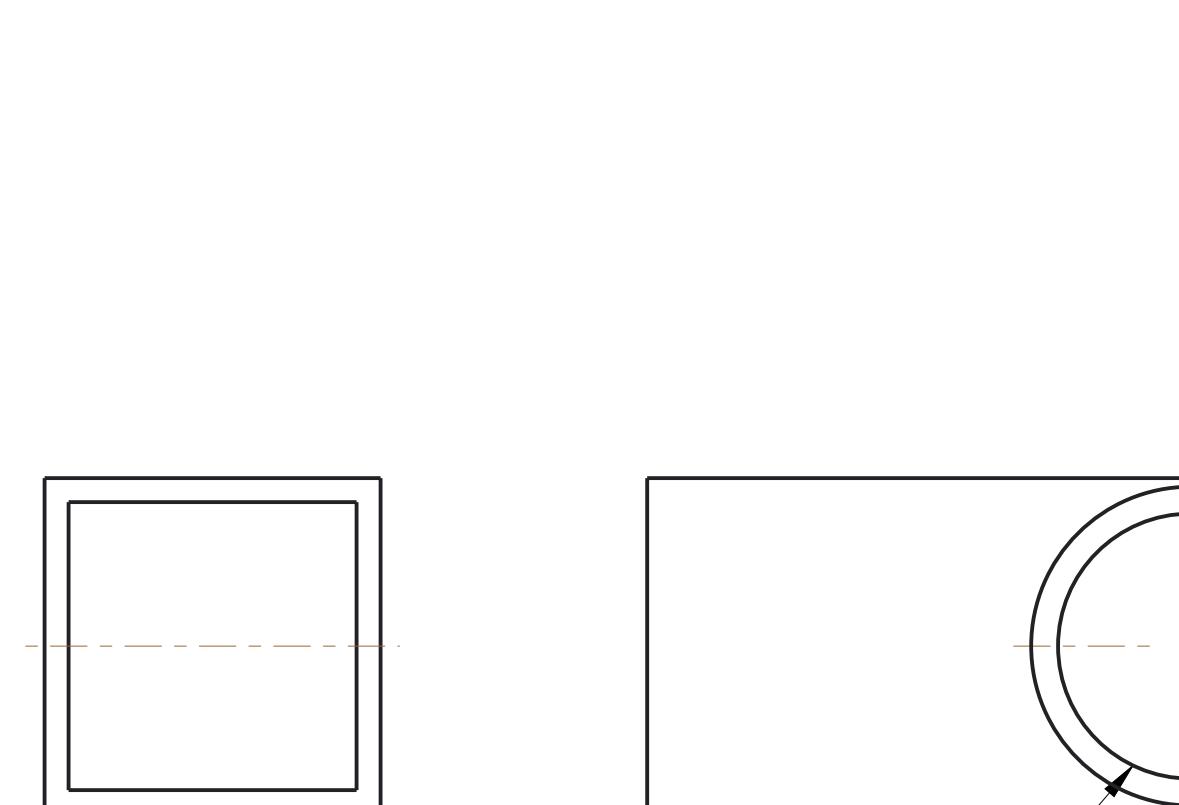
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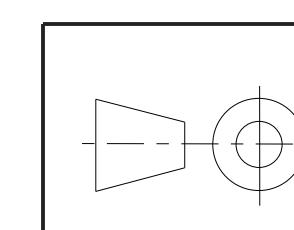


Item: GE-14025-03, High Goal Anchor Block  
 Material: 1.75" x .125" Square Tube, 6063 Aluminum  
 Scale: 1/1  
 QTY: 1

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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:8	SHEET 3 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. <small>TOLERANCES ARE:    XX +/- 0.1    XXX +/- 0.01    XXXX +/- 0.001    ANG +/- 1</small>	TITLE High Goal Base Assembly Right	
DO NOT SCALE	PROJECT	MODEL NAME GE-14025
		ISSUE

MODEL NAME  
GE-14026TITLE  
High Goal Hinge Assembly

ITEM NO	PART NUMBER	QTY	DESCRIPTION	Material
1	GE-14026-1	1	Hinge Assembly Base	1.75"x.125" Square Tube, 6063 Aluminum
2	GE-14026-2	1	Hinge Assembly Pivot	1.25" Schedule 40 Pipe, 6061 Aluminum



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CHECKED BY	DATE
APPROVED BY	DATE

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SCALE 1:1 SHEET 1 OF 2

DO NOT SCALE  
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
XX +/- 0.1  
XXX +/- 0.01  
XXXX +/- 0.001  
ANG +/- 1

TITLE  
High Goal Hinge Assembly  
PROJECT  
MODEL NAME  
GE-14026  
ISSUE

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ASME STANDARD, INCH

MODEL NAME  
GE-14026

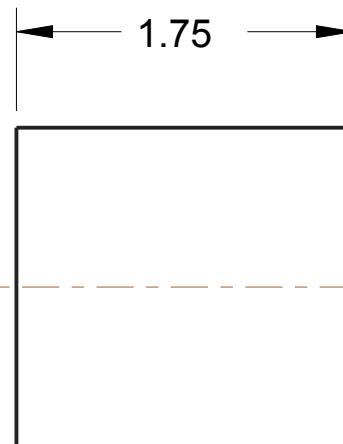
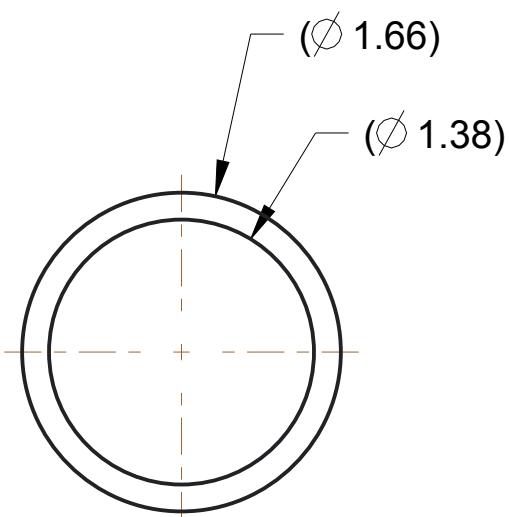
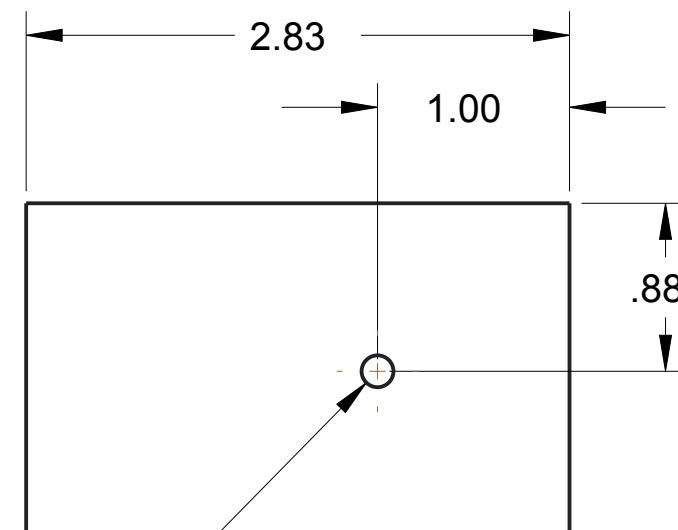
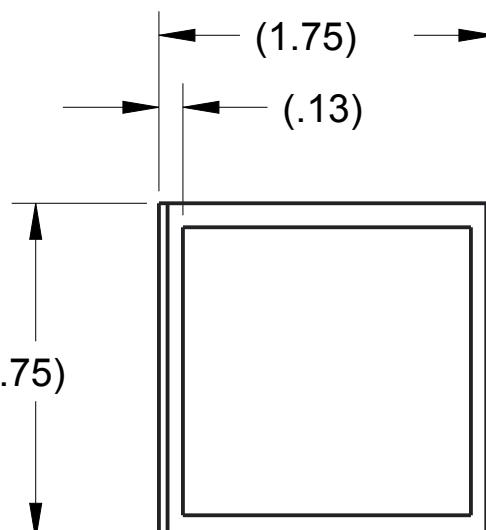
TITLE  
High Goal Hinge Assembly

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Item: GE-14026-01, Hinge Assembly Base  
Material: 1.75"x.125" Square Tube, 6063 Aluminum  
Scale: 1/1  
QTY: 1

Item: GE-14026-02, Hinge Assembly Pivot  
Material: 1.25" Schedule 40 Pipe, 6061 Aluminum  
Scale: 1/1  
QTY: 1

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:1	SHEET 2 OF 2
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XXX +/- .001 XXXX +/- .0001 ANG +/- 1		TITLE High Goal Hinge Assembly	
PROJECT		MODEL NAME	GE-14026
		ISSUE	

DO NOT SCALE

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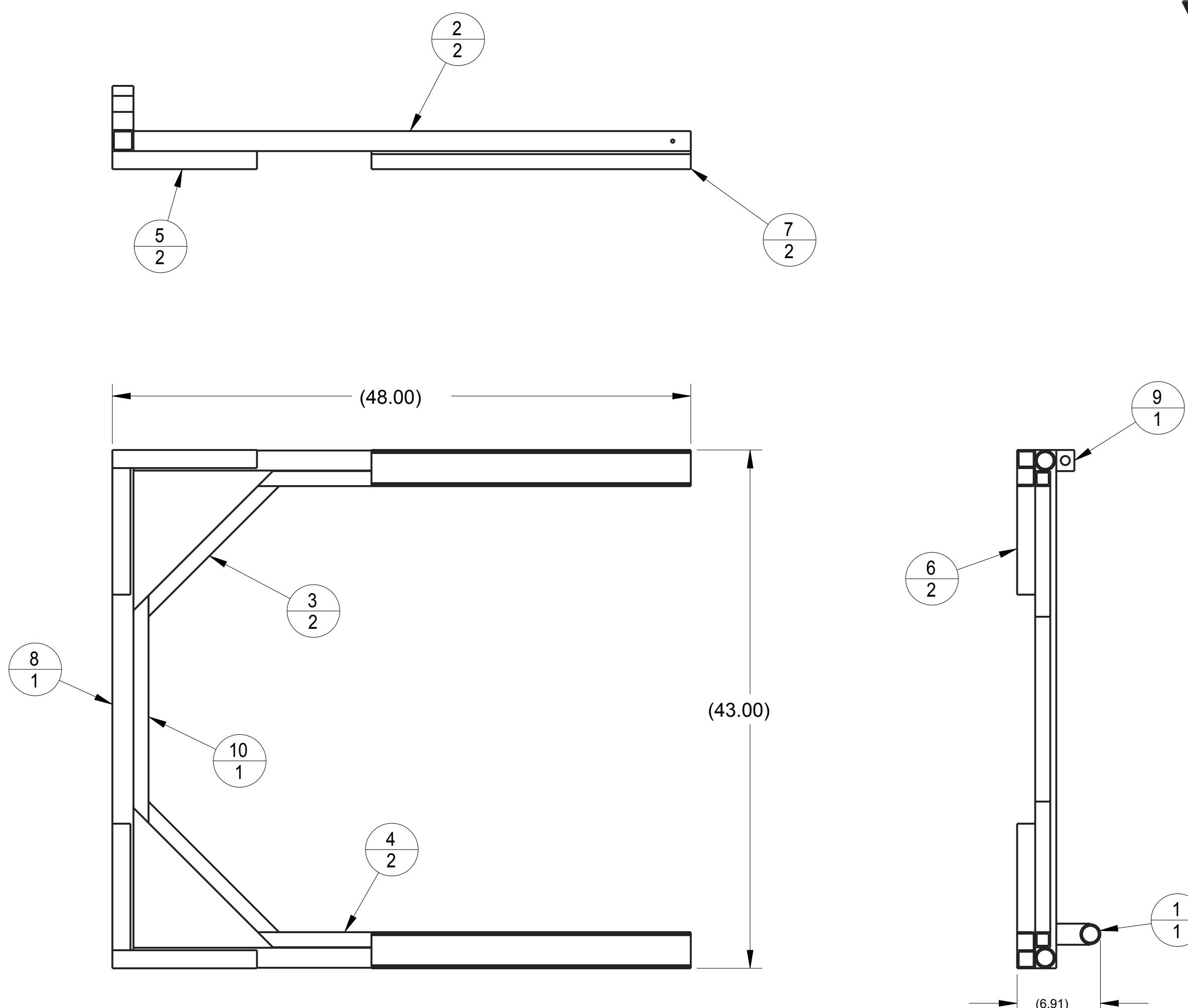
4

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MODEL NAME  
GE-14028TITLE  
High Goal Face Right

ITEM NO	PART NUMBER	QTY	DESCRIPTION	MATERIAL
1	GE-14026	1	High Goal Hinge, Assembly	Per Drawing
2	GE-14028-1	2	Horizontal Tube	1.25" Schedule 40 Pipe, 6061 Aluminum
3	GE-14028-10	2	Angled Channel Support	1.25"x.125" Square Tubing, 6063 Aluminum
4	GE-14028-11	2	Horizontal Channel Support	1.25"x.125" Square Tubing, 6063 Aluminum
5	GE-14028-12	2	Horizontal Corner	1.5"x.125" Square Tubing, 6063 Aluminum
6	GE-14028-13	2	Vertical Corner	1.5"x.125" Square Tubing, 6063 Aluminum
7	GE-14028-14	2	ge-14031-14.prt	.125" thick 5052 Aluminum Sheet
8	GE-14028-2	1	Vertical Tube	1.75"x.125" Square Tubing, 6063 Aluminum
9	GE-14028-6	1	Anchor Block	1.75"x.125" Square Tubing, 6063 Aluminum
10	GE-14028-7	1	Vertical Channel Support	1.25"x.125" Square Tubing, 6063 Aluminum

  	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:8	SHEET 1 OF 5
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TITLE High Goal Face Right		
PROJECT		MODEL NAME GE-14028
ISSUE		

DO NOT SCALE

MODEL NAME  
GE-14028TITLE  
High Goal Face Right

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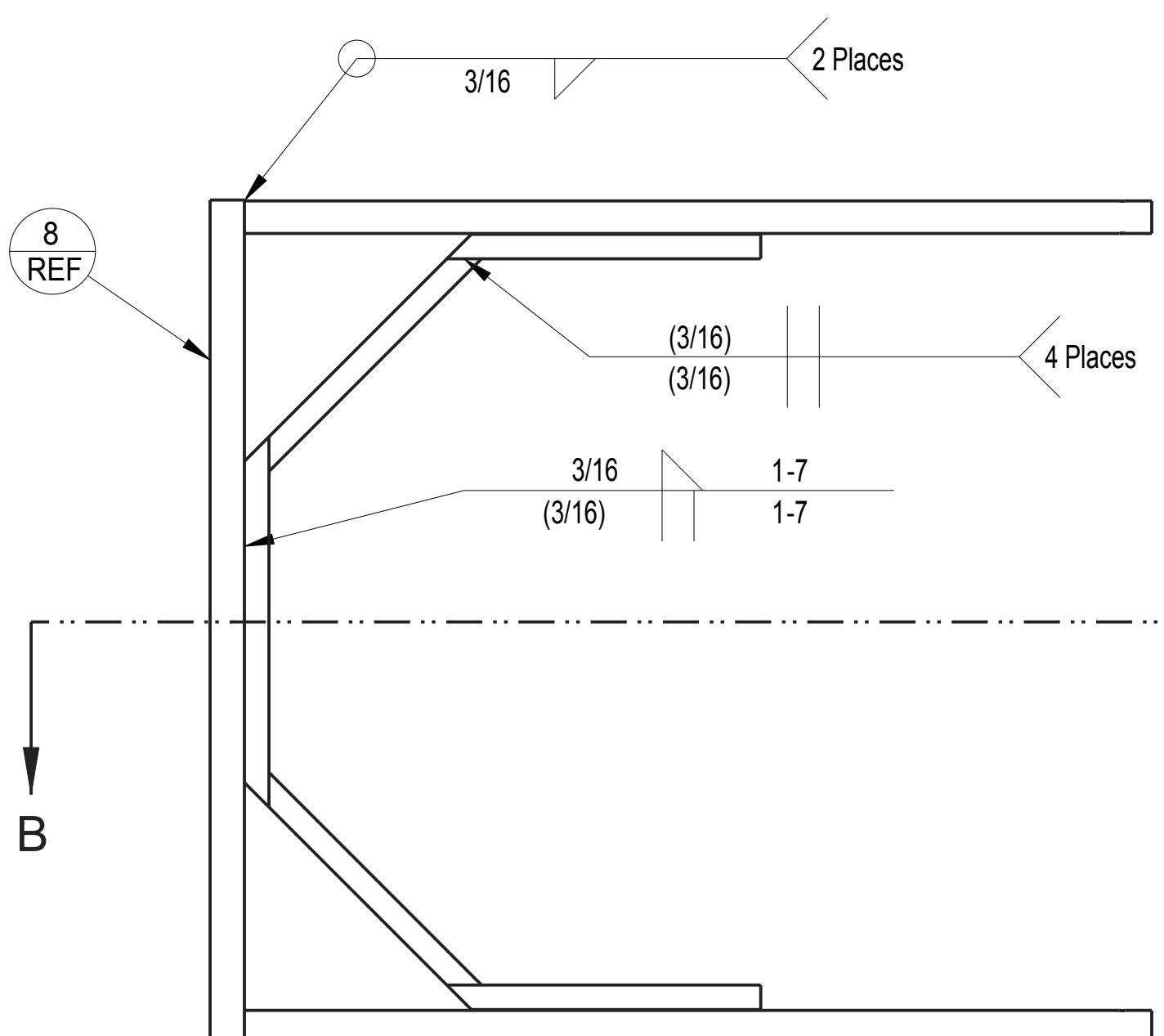
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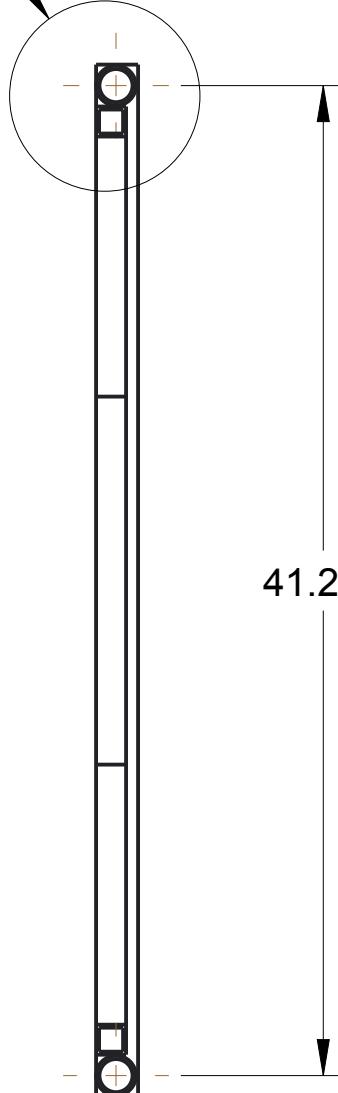
Items 2, 3, 4 and 10 to be flush  
with Item 8 as shown

SECTION B-B

SEE DETAIL B



SEE DETAIL A

DETAIL A  
SCALE 1:2

	<p><b>FIRST</b></p> <p>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREON OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION</p>	DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:8	SHEET 2 OF 5
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1	TITLE	High Goal Face Right	
DO NOT SCALE	PROJECT	MODEL NAME	GE-14028
		ISSUE	

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MODEL NAME  
GE-14028TITLE  
High Goal Face Right

1

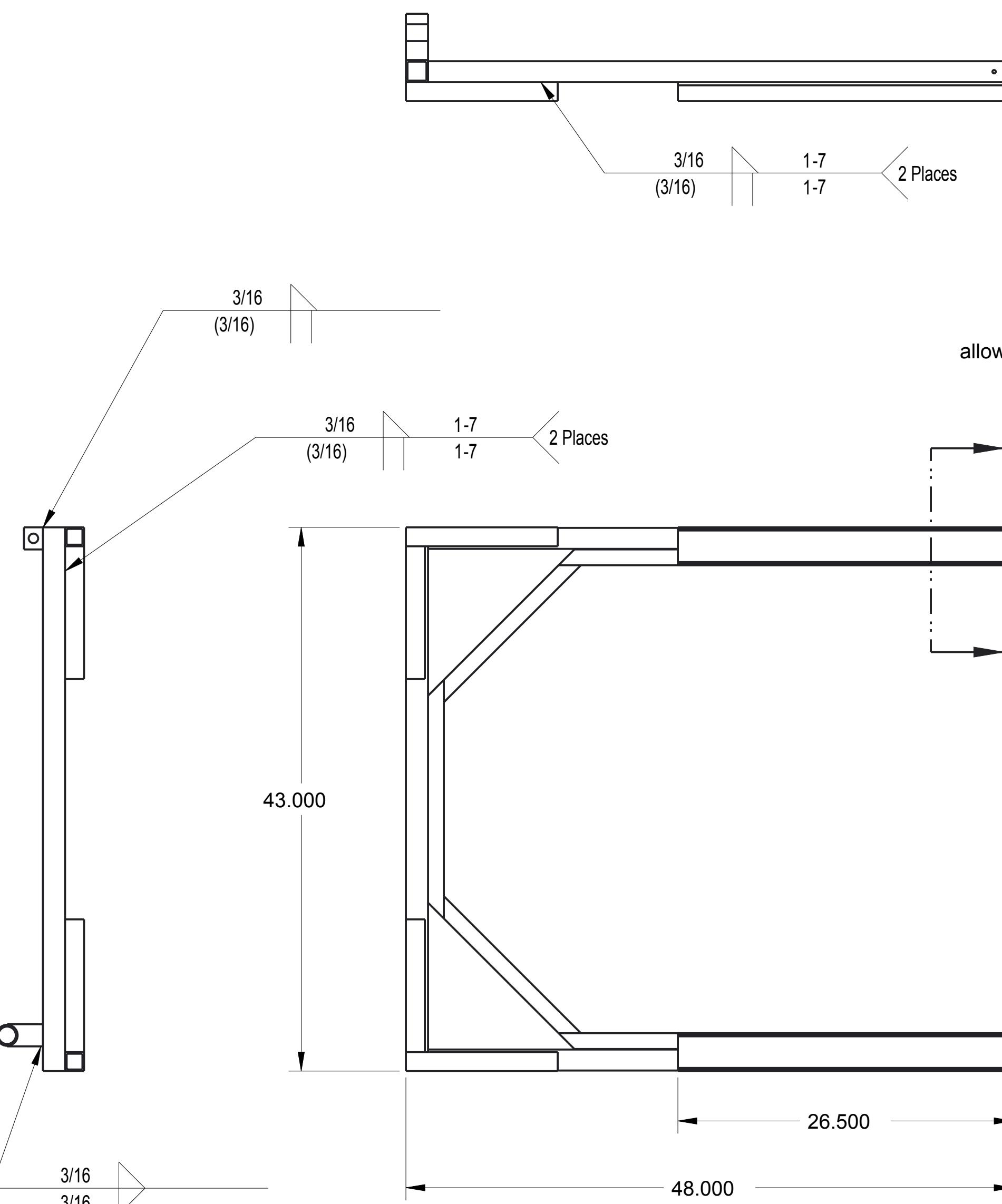
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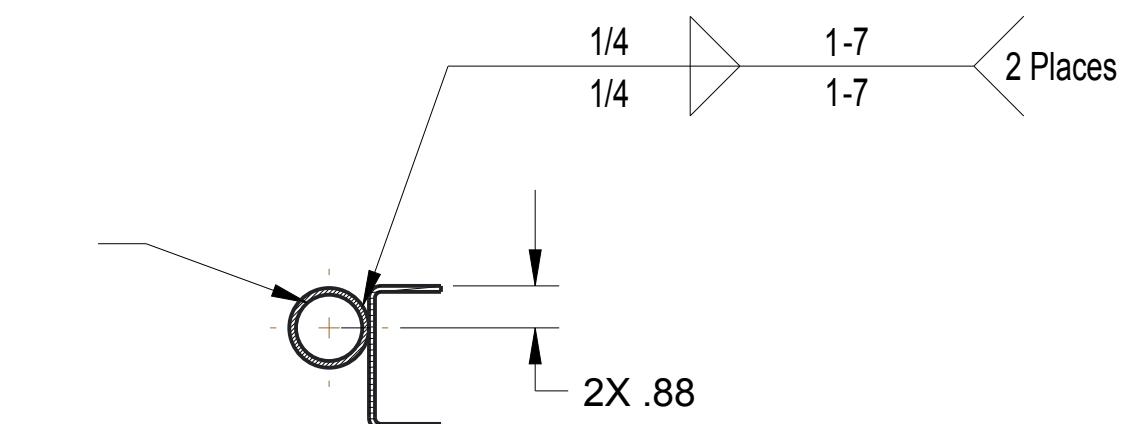
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C C

SECTION C-C  
SCALE 1:4

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:8	SHEET 3 OF 5
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.X +/- 0.001 ANG +/- 1	TITLE	High Goal Face Right
DO NOT SCALE	PROJECT	MODEL NAME GE-14028
		ISSUE

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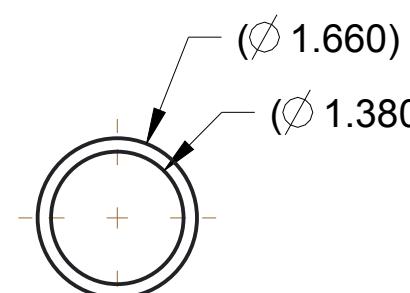
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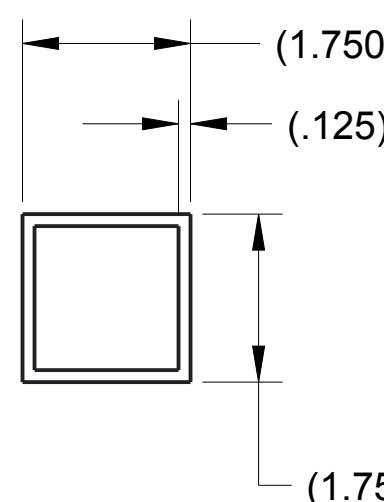
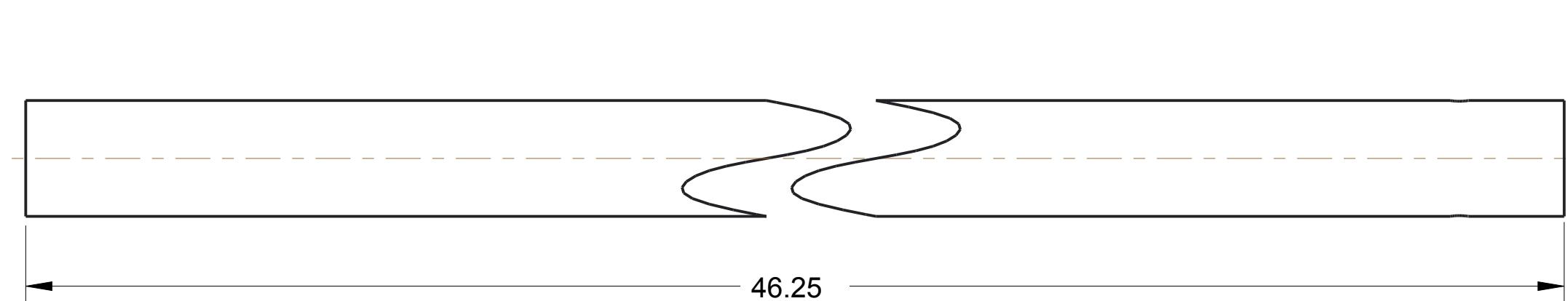
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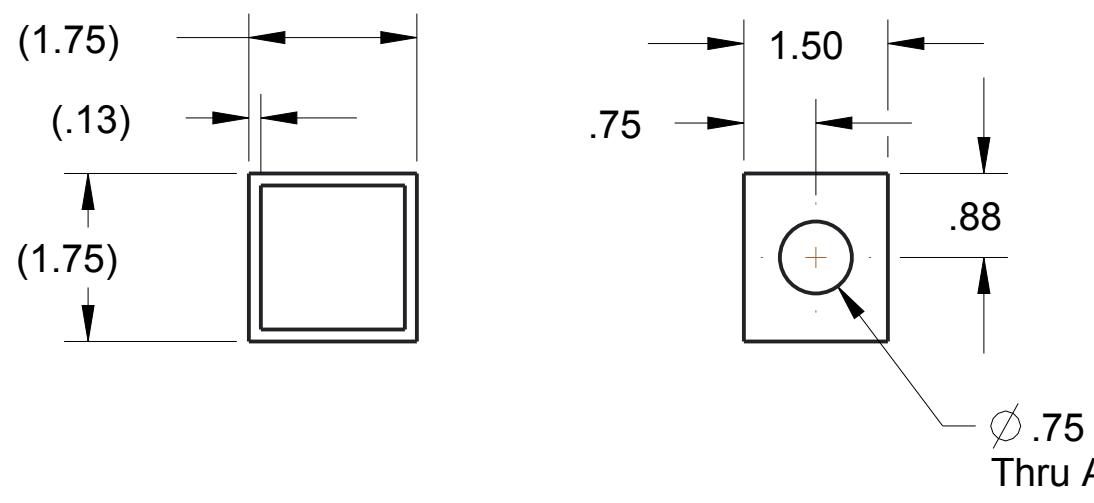
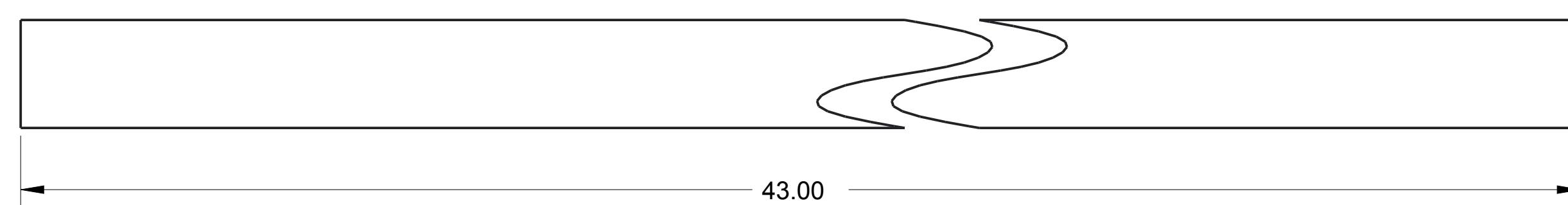
MODEL NAME  
GE-14028

TITLE  
High Goal Face Right

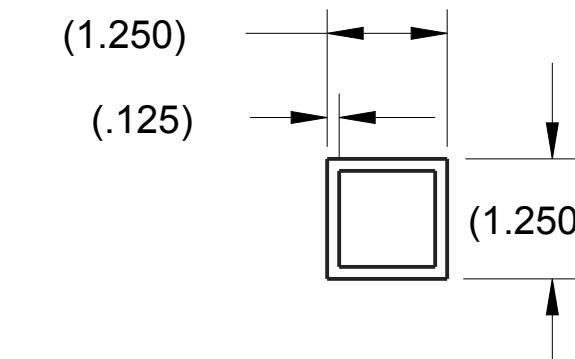
Item: GE-14028-01, Horizontal Tube  
Material: 1.25" Schedule 40 Pipe, 6061 Aluminum  
Scale: 1/2  
QTY:2



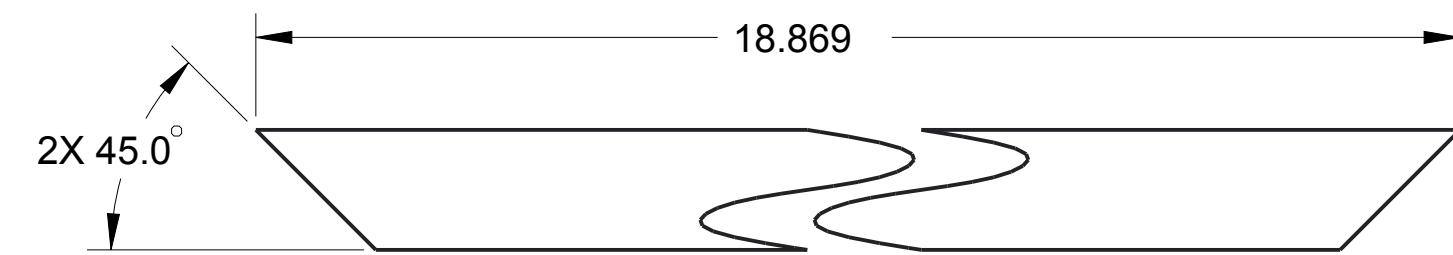
Item: GE-14028-2, Vertical Tube  
Material: 1.75"x.125" Square Tube, 6063 Aluminum  
Scale: 1/2  
QTY:1



Item: GE-14028-6, Anchor Block  
Material: 1.75"x.125" Square Tube, 6063 Aluminum  
Scale: 1/2  
QTY:1



Item: GE-14028-7, Vertical Channel Support  
Material: 1.25"x.125" Square Tube, 6063 Aluminum  
Scale: 1/2  
QTY:1



	<p><b>FIRST</b></p>	DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:8	SHEET 4 OF 5
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XX.X +/- .01 XXX +/- .001 ANG +/- 1	TITLE	High Goal Face Right	
DO NOT SCALE	PROJECT	MODEL NAME	ISSUE
		GE-14028	

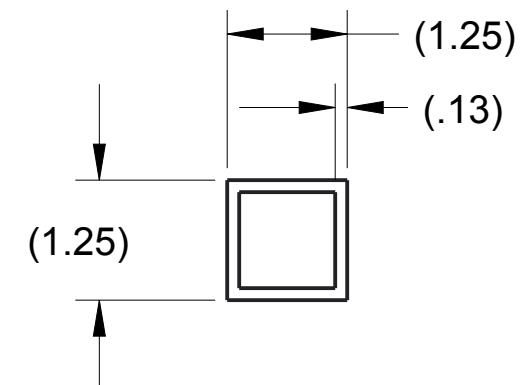
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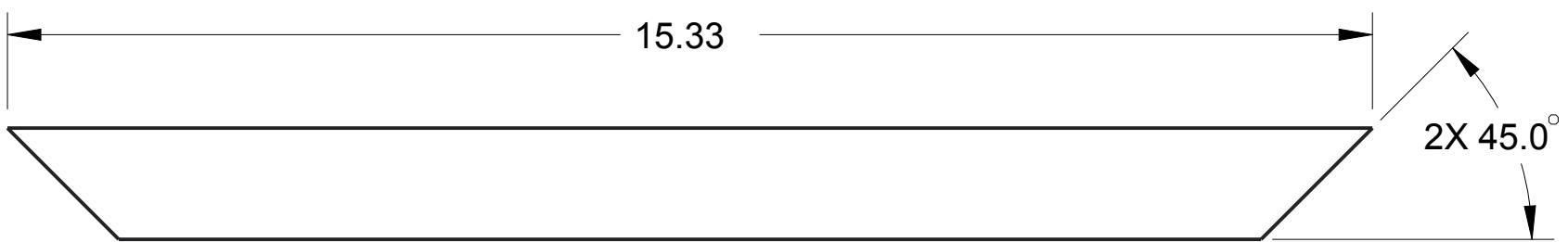
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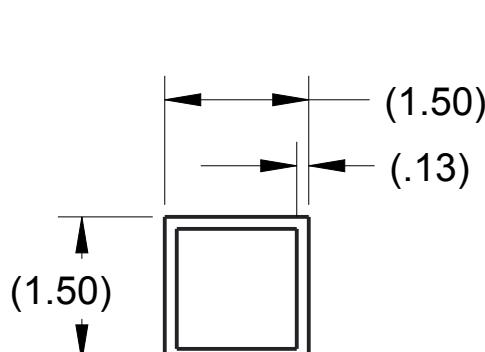
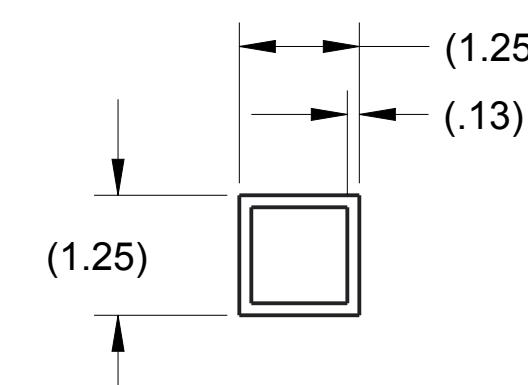
MODEL NAME GE-14028	TITLE High Goal Face Right
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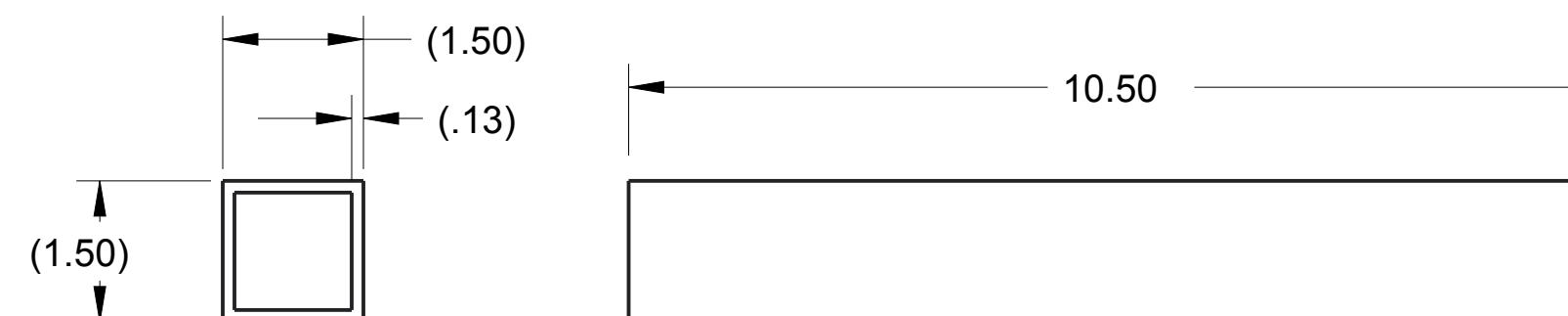
Item: GE-14028-10, Angled Channel Support  
Material: 1.25"x.125" Square Tube, 6063 Aluminum  
Scale: 1/2  
QTY:2



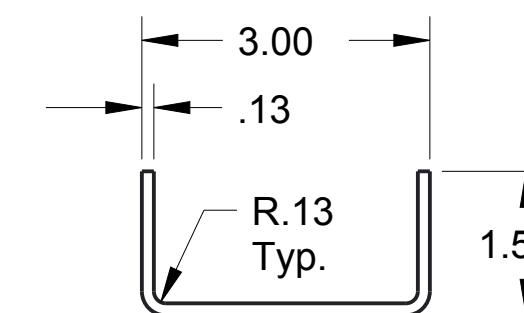
Item: GE-14028-11, Horizontal Channel Support  
Material: 1.25"x.125" Square Tube, 6063 Aluminum  
Scale: 1/2  
QTY:2



Item: GE-14028-12, Horizontal Corner  
Material: 1.5"x.125" Square Tube, 6063 Aluminum  
Scale: 1/2  
QTY:2



Item: GE-14028-13, Vertical Corner  
Material: 1.5"x.125" Square Tube, 6063 Aluminum  
Scale: 1/2  
QTY:2



Item: GE-14028-14, Channel  
Material: 1/8" thick 5052 Aluminum Sheet  
Scale: 1/2  
QTY:2



	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:8	SHEET 5 OF 5
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XX.X +/- .01 XXX.X +/- .001 ANG +/- 1	TITLE	High Goal Face Right
DO NOT SCALE	PROJECT	MODEL NAME GE-14028
		ISSUE

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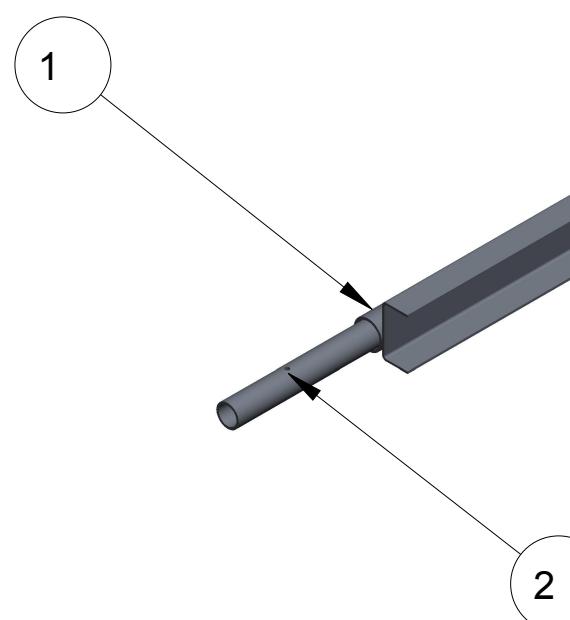
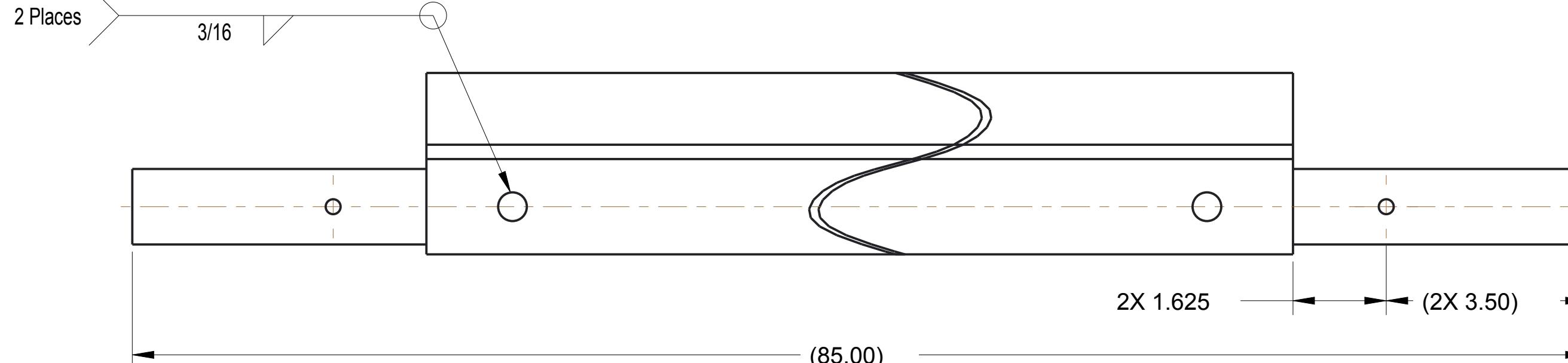
MODEL NAME  
GE-14029 | TITLE  
High Goal, Extension Channel

D

D

2 Places

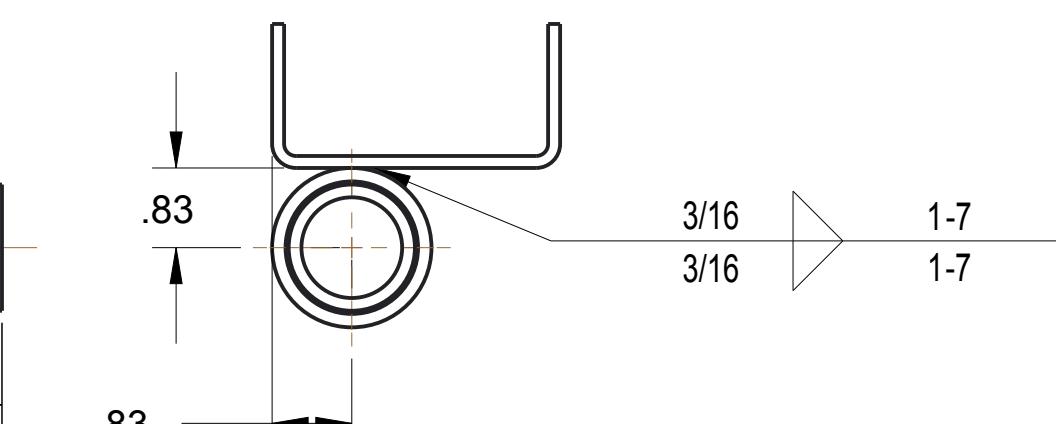
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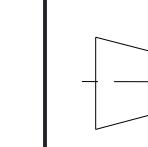
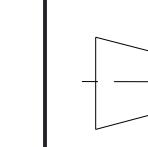
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2

SCALE 1:8



ITEM NO	PART NUMBER	QTY	DESCRIPTION	MATERIAL
1	GE-14029-2	1	High Goal Channel Support	1" Schedule 40 Pipe, 6061 Aluminum
2	GE-14029-3	2	High Goal Channel Pin	1.25" Schedule 40 Pipe, 6061 Aluminum
3	GE-14029-4	1	High Goal Extension Channel	.125" Sheet, 5052 Aluminum

 		DRAWN BY	DATE
		CHECKED BY	DATE
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		SCALE 1:8	SHEET 1 OF 3
DO NOT SCALE		TITLE High Goal, Extension Channel	
PROJECT		MODEL NAME GE-14029	ISSUE

1

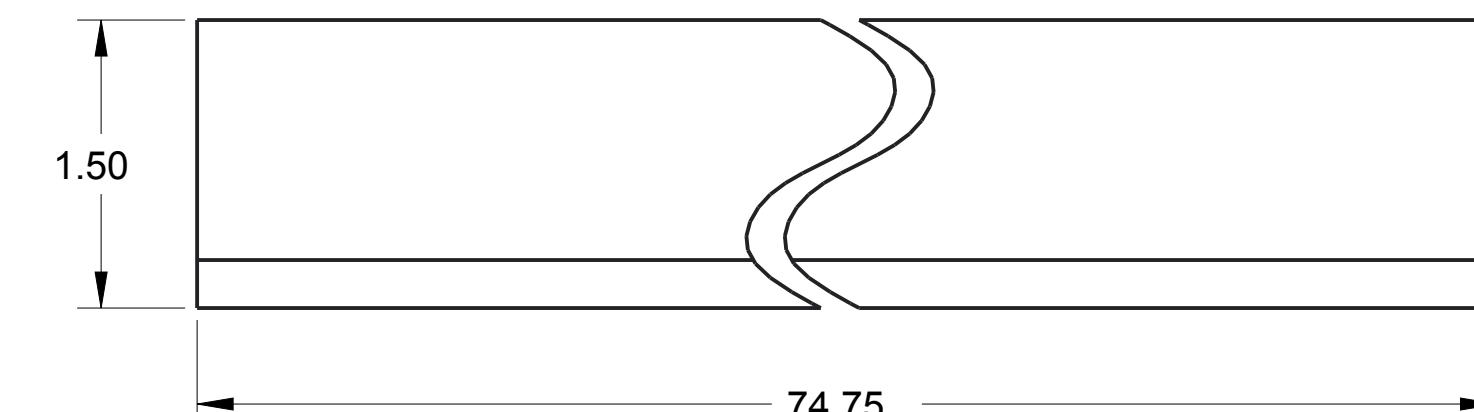
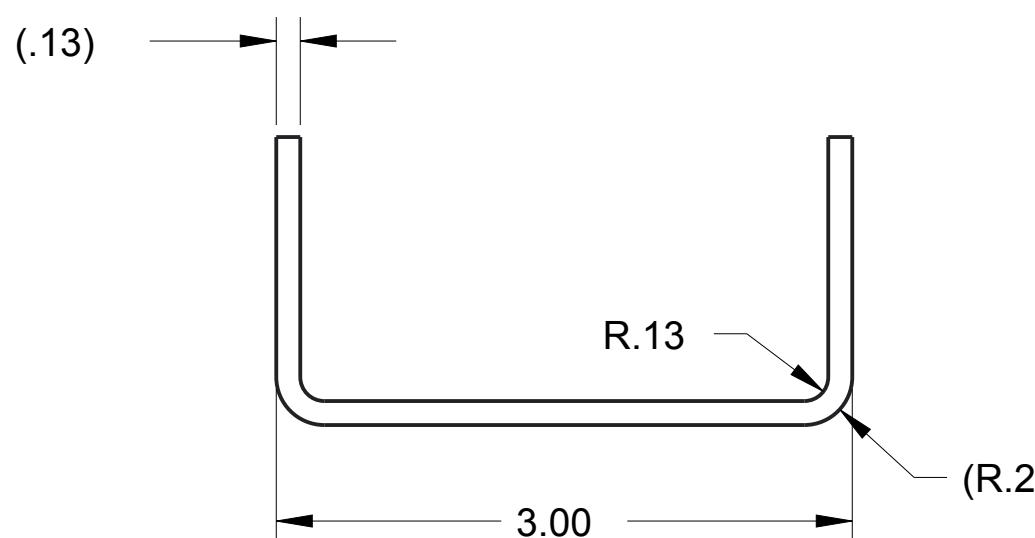
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MODEL NAME GE-14029	TITLE High Goal, Extension Channel
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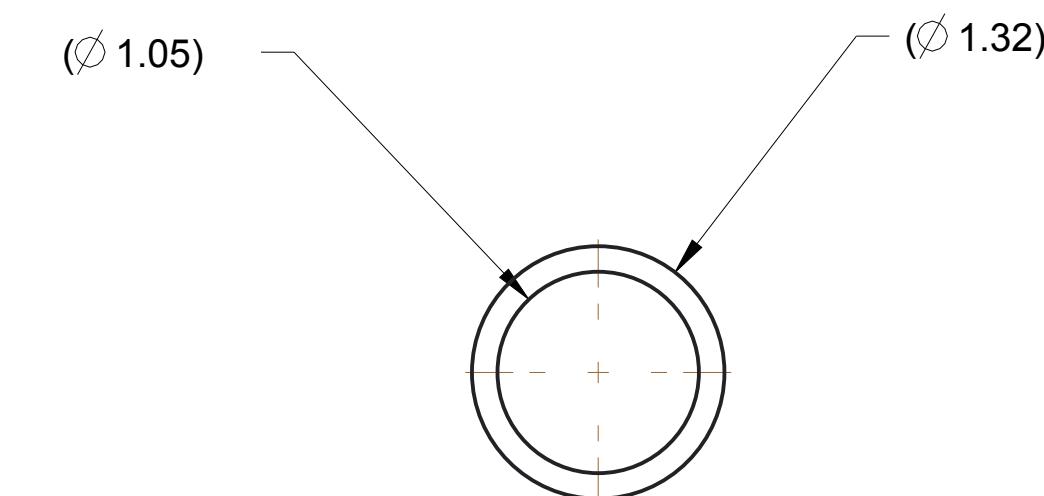
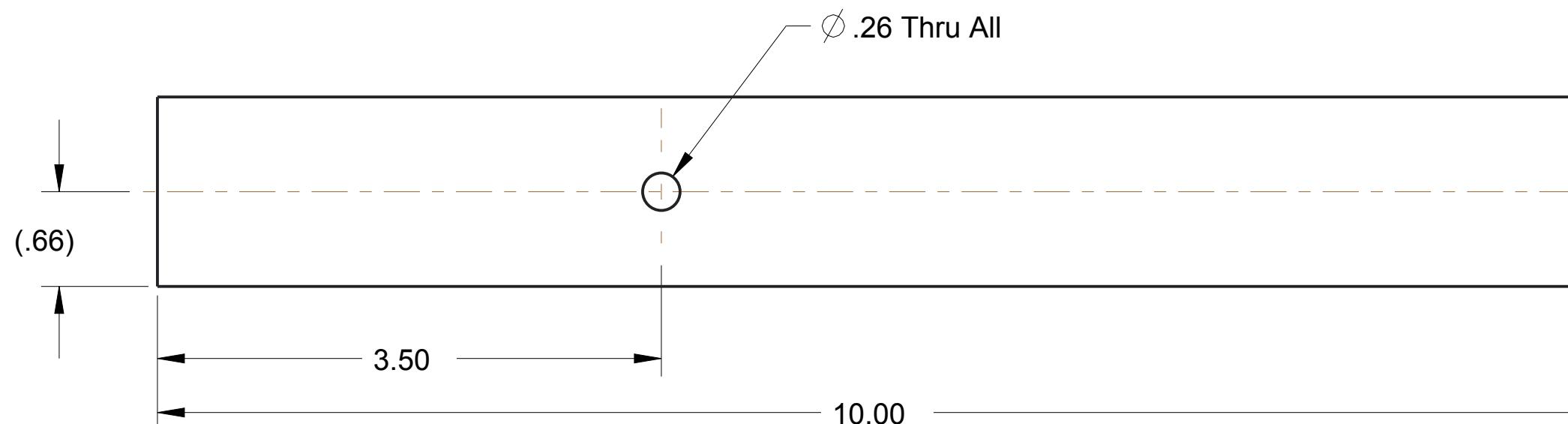
D



C

Item: GE-14029-04, High Goal Extension Channel  
Material: .125" Sheet, 5052 Aluminum  
Scale: 1/1  
QTY: 1

B



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Item: GE-14029-3, High Goal Channel Pin  
Material: 1" Schedule 40 Pipe, 6061 Aluminum  
Scale: 1/1  
Qty: 2

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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:8	SHEET 2 OF 3
DO NOT SCALE		TITLE	High Goal, Extension Channel
		PROJECT	MODEL NAME GE-14029
		ISSUE	

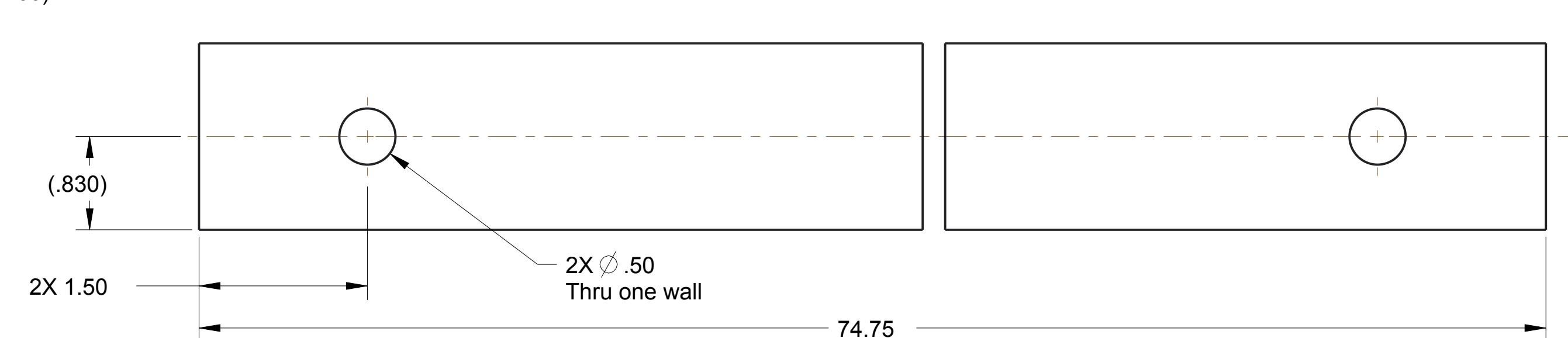
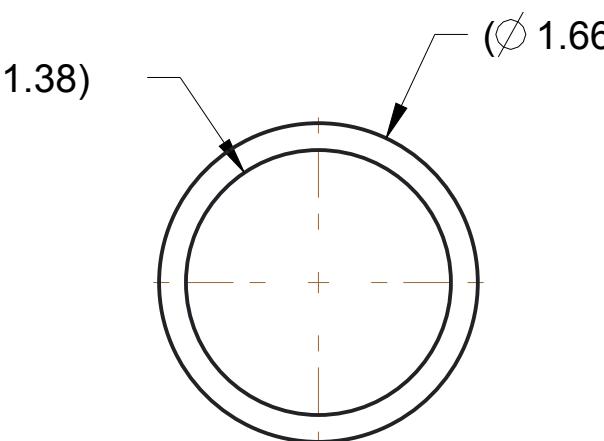
D

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MODEL NAME  
GE-14029



Item: GE-14029-2, Hlgh Goal Channel Support  
Material: 1.25" Schedule 40 Pipe, 6061 Aluminum  
Scale: 1/1  
Qty: 1

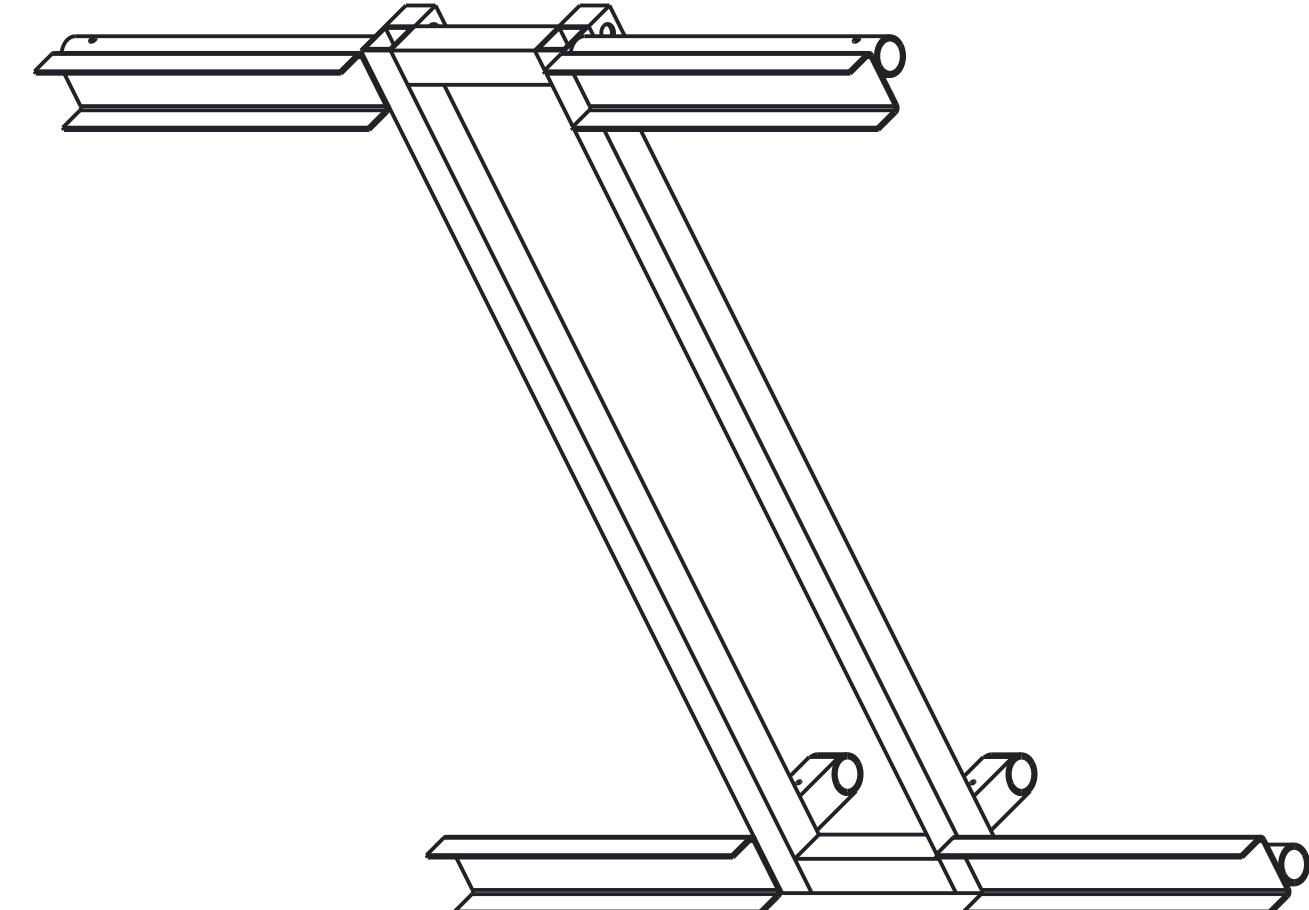
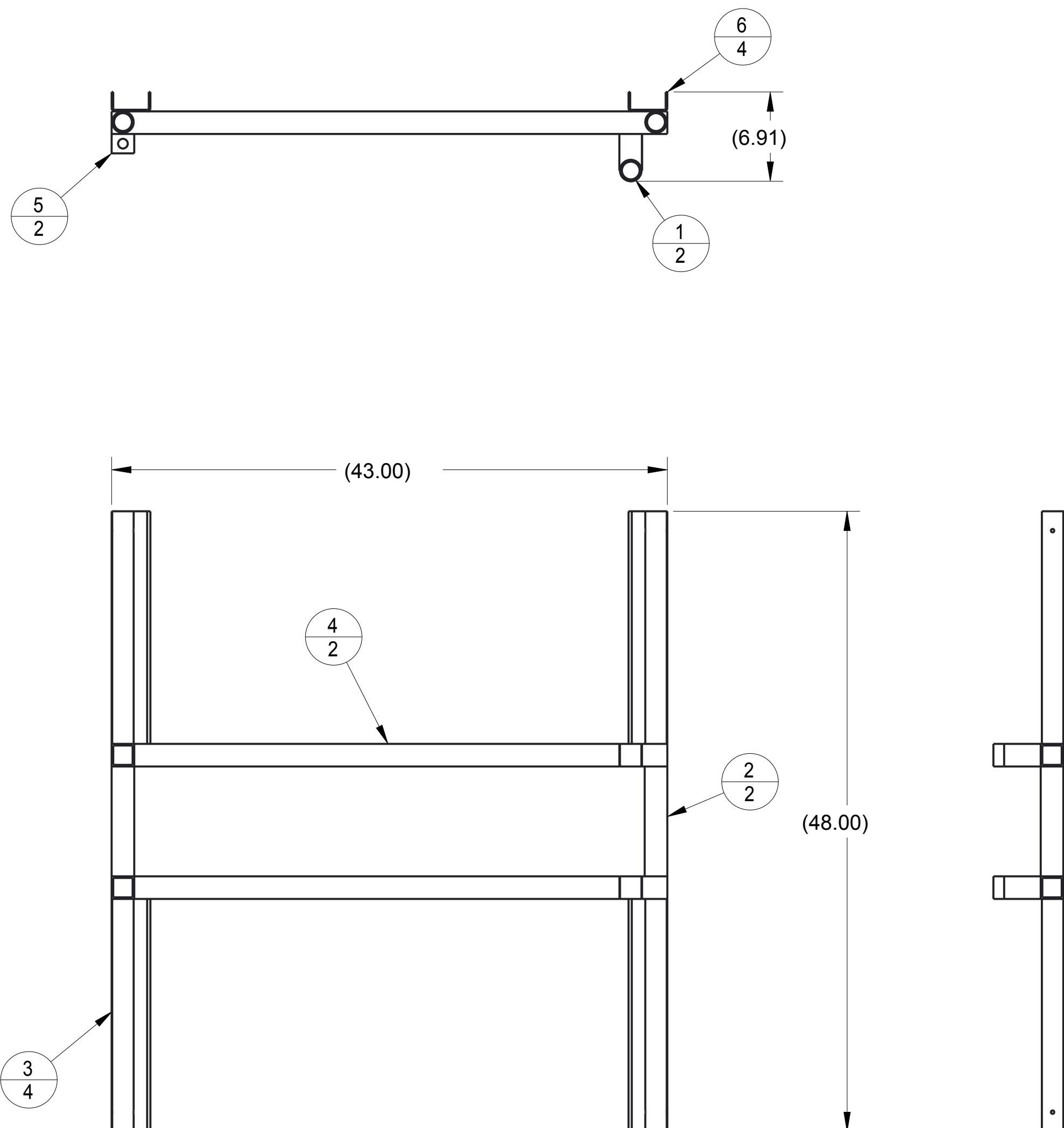
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	SCALE 1:8	SHEET 3 OF 3
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DO NOT SCALE	TITLE	
	PROJECT	MODEL NAME GE-14029
	ISSUE	

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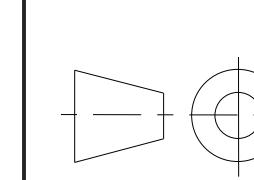
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4

MODEL NAME  
GE-14030TITLE  
High Goal Face Middle

ITEM NO	PART NUMBER	QTY	DESCRIPTION	MATERIAL
1	GE-14026	2	High Goal Hinge, Assembly	Per Drawing
2	GE-14030-1	2	Spacer Tube	1.75"x.125" Square Tubing, 6063 Aluminum
3	GE-14030-3	4	Horizontal Tube	1.25" Schedule 40 Pipe, 6061 Aluminum
4	GE-14030-4	2	Vertical Tube	1.75"x.125" Square Tubing, 6063 Aluminum
5	GE-14030-5	2	Anchor Block	1.75"x.125" Square Tubing, 6063 Aluminum
6	GE-14030-6	4	Channel	.125" Thick 5052 Aluminum Sheet

 		DRAWN BY	DATE
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		APPROVED BY	DATE
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SCALE 1:8		SHEET 1 OF 5	
DO NOT SCALE		TITLE High Goal Face Middle	
PROJECT		MODEL NAME GE-14030	ISSUE

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MODEL NAME  
GE-14030 | TITLE  
High Goal Face Middle

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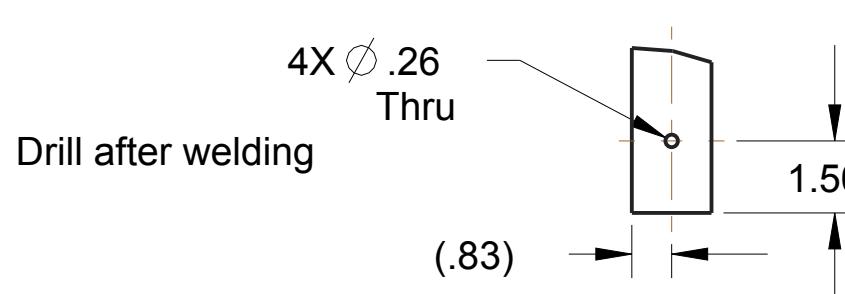
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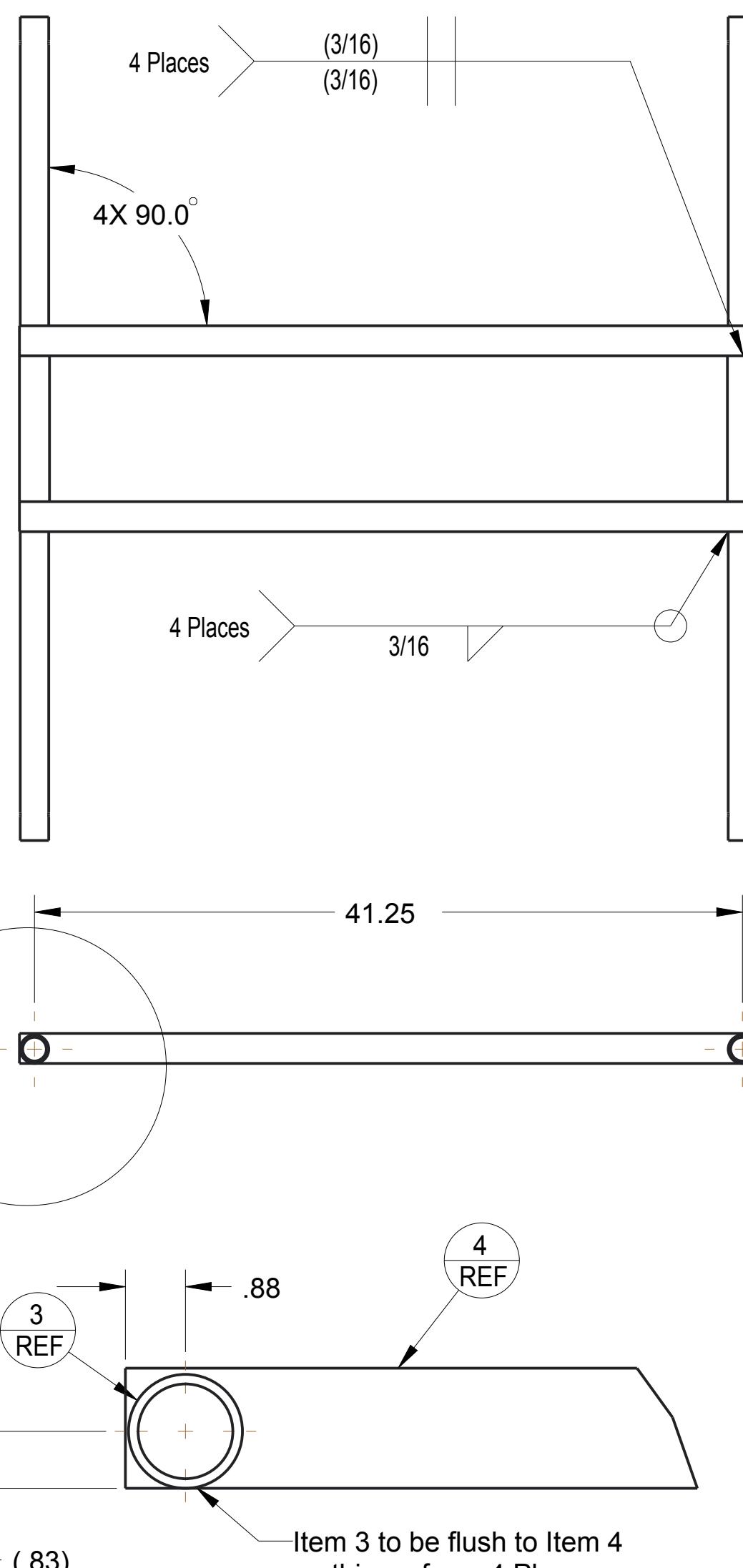
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SEE DETAIL A

SEE DETAIL B



DETAIL A  
SCALE 1:4



DETAIL B  
SCALE 1:2

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		APPROVED BY	DATE
		SCALE 1:8	SHEET 2 OF 5
DO NOT SCALE		TITLE	High Goal Face Middle
		PROJECT	MODEL NAME GE-14030
		ISSUE	

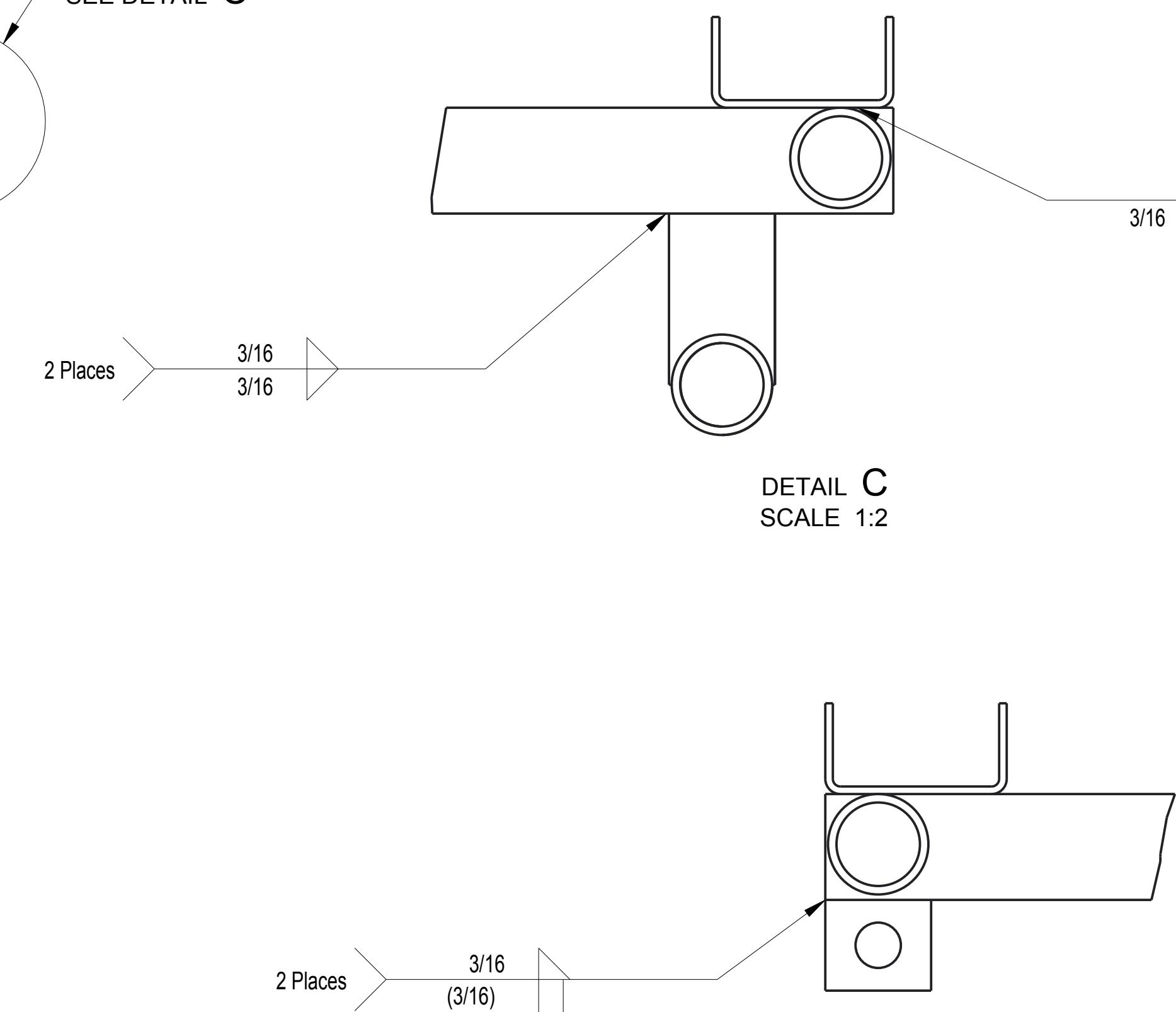
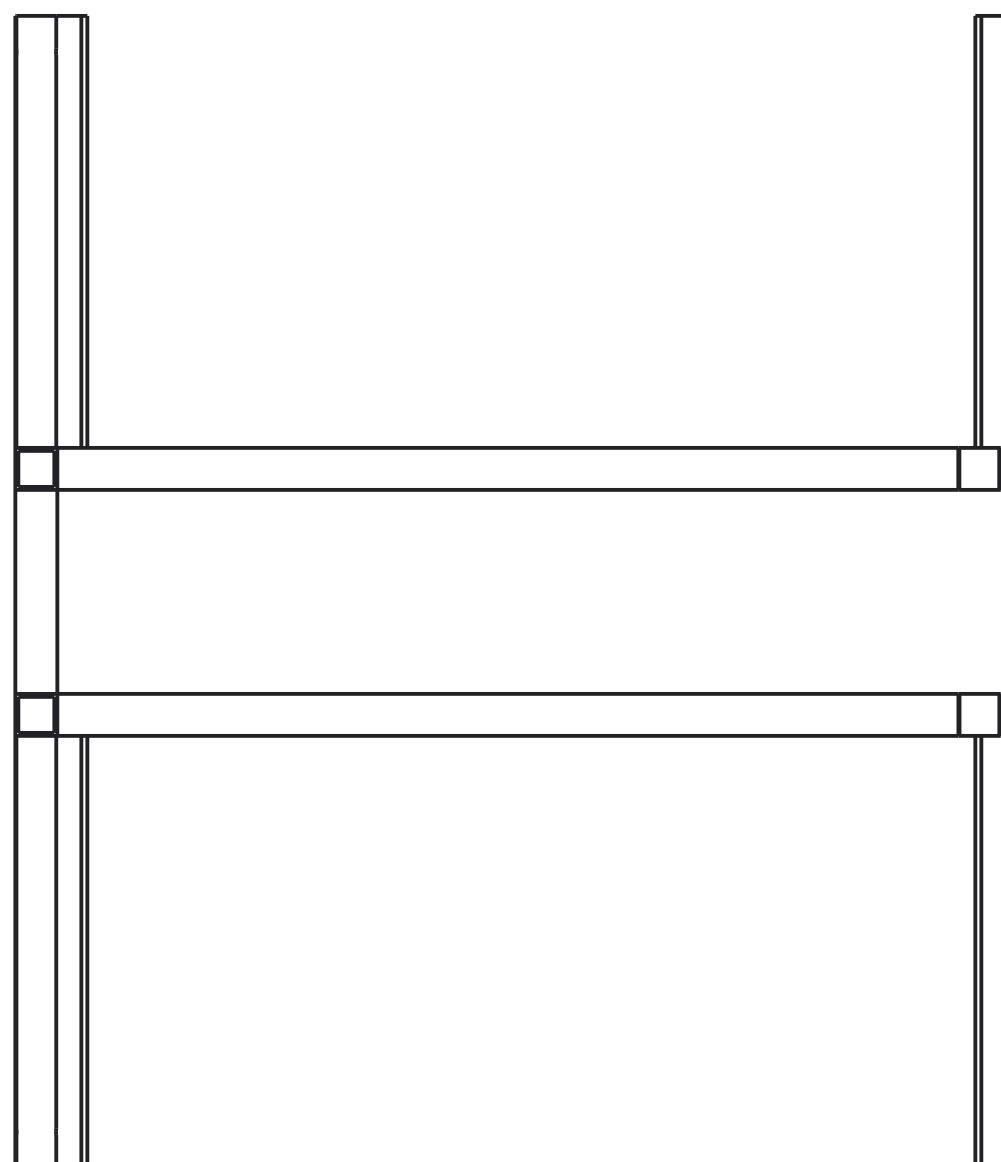
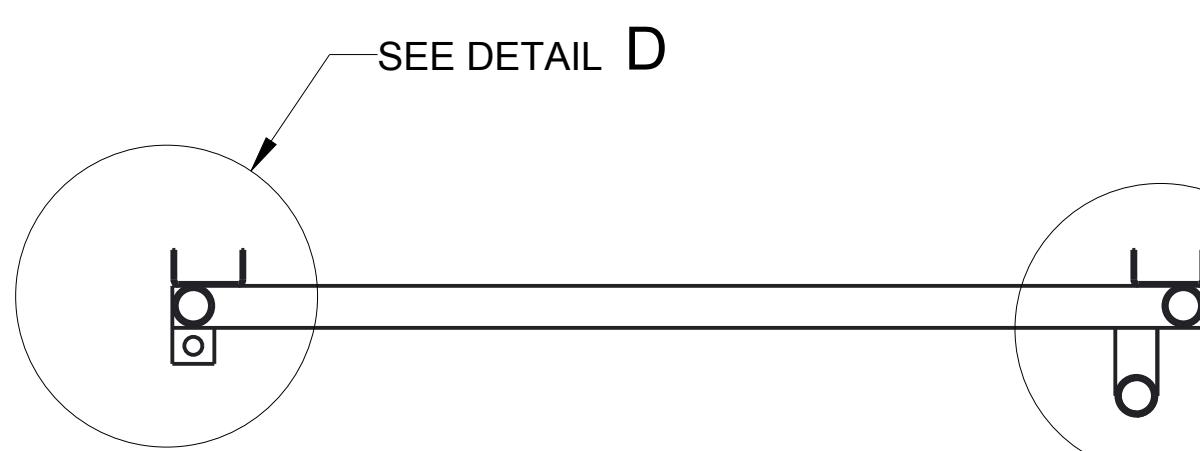
MODEL NAME

GE-14030

TITLE

High Goal Face Middle

D



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		APPROVED BY	DATE
		SCALE 1:8	SHEET 3 OF 5
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	TITLE		High Goal Face Middle
DO NOT SCALE	PROJECT	MODEL NAME	GE-14030
ISSUE			

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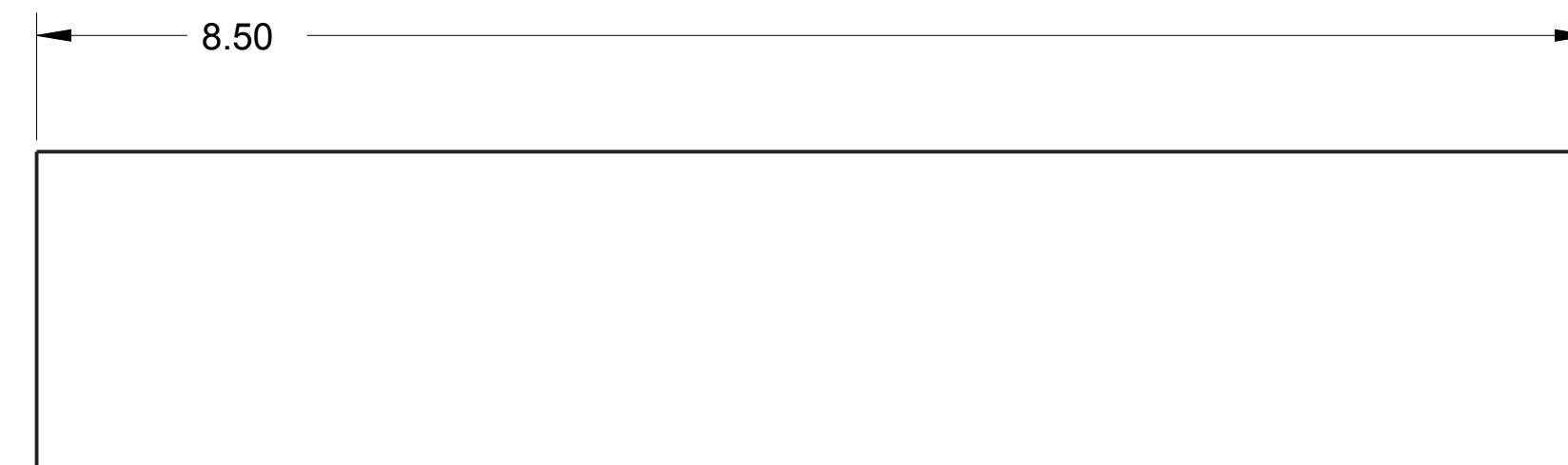
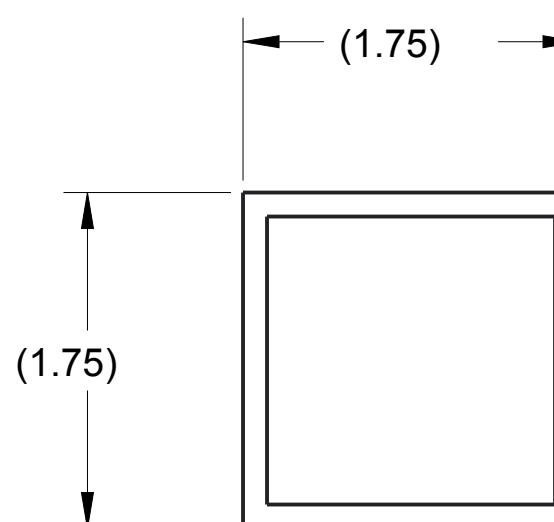
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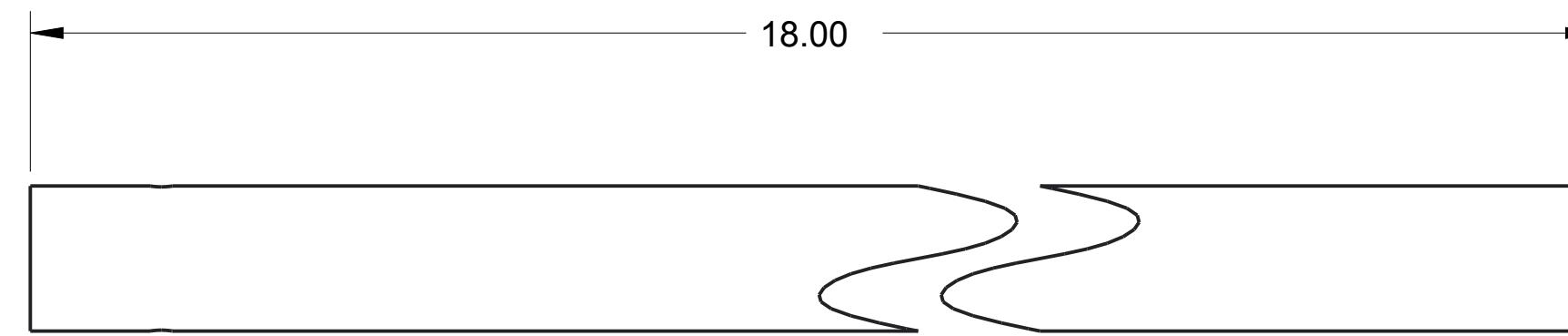
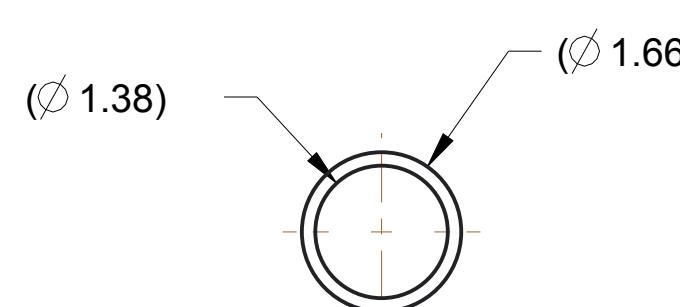
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4

MODEL NAME GE-14030	TITLE High Goal Face Middle
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Item: GE-14030-01, Spacer Tube  
Material: 1.75"x.125" Square Tubing, 6063 Aluminum  
Scale: 1/1  
QTY: 2



Item: GE-14030-03, Horizontal Tube  
Material: 1.25" Schedule 40 Pipe, 6061 Aluminum  
Scale: 1/2  
QTY: 2

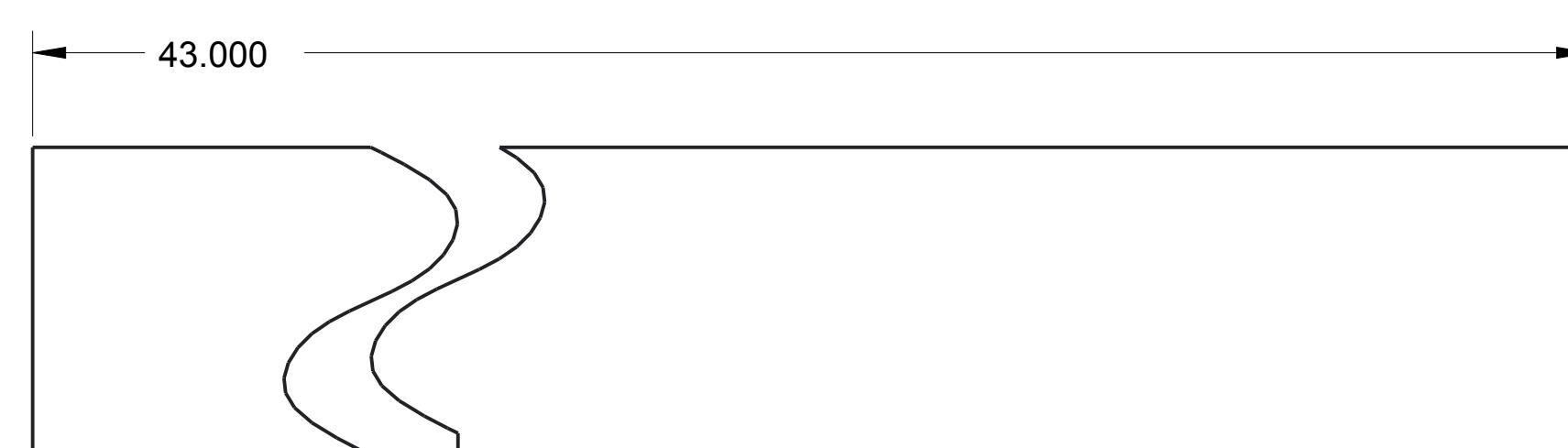
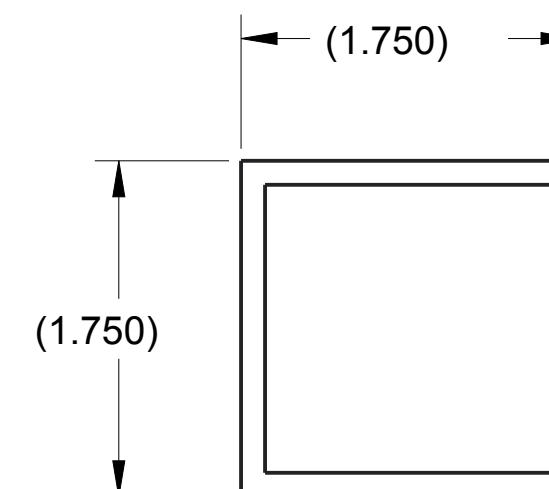
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	TITLE  High Goal Face Middle	DO NOT SCALE	PROJECT  MODEL NAME GE-14030 ISSUE

1

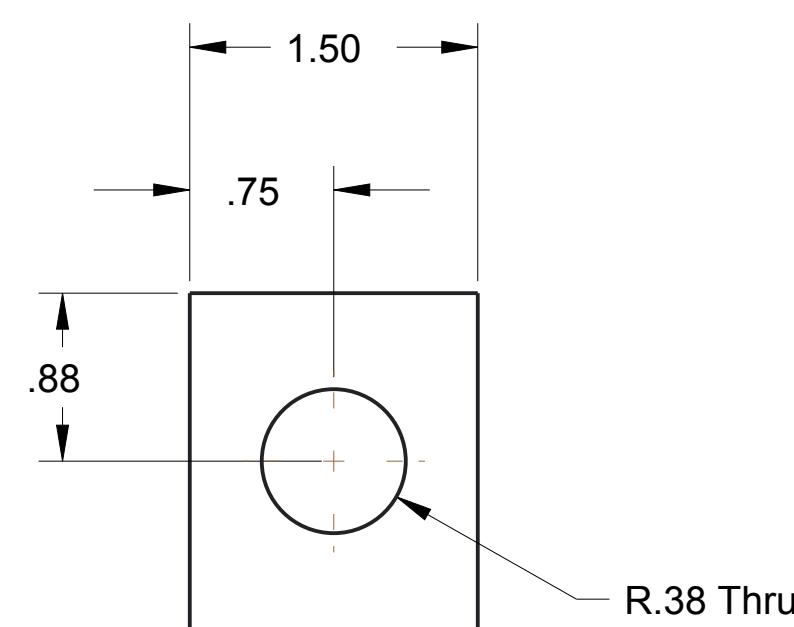
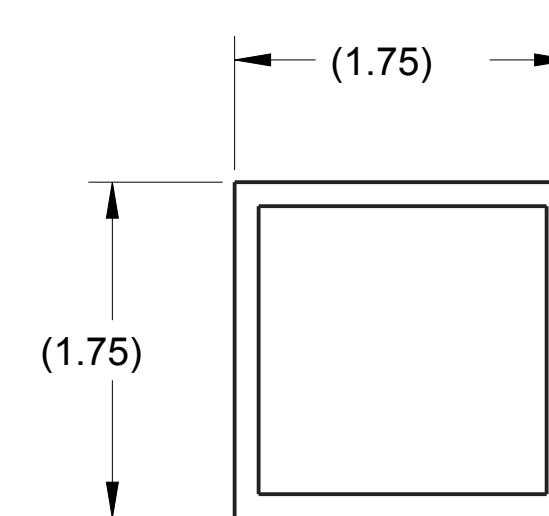
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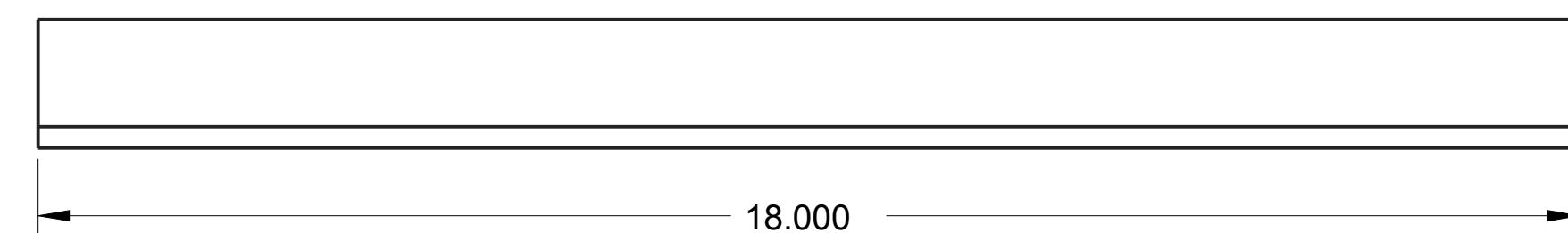
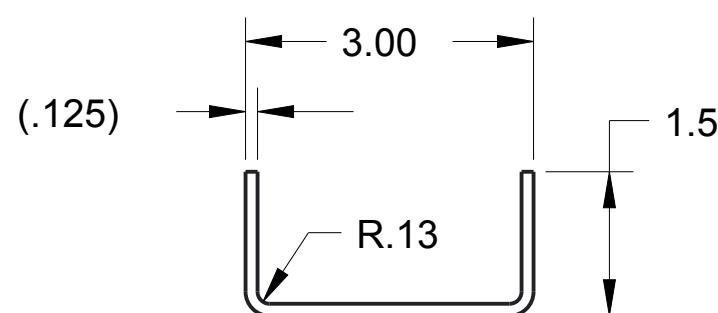
4

MODEL NAME  
GE-14030TITLE  
High Goal Face Middle

Item: GE-14030-04, Vertical Tube  
 Material: 1.75"x.125" Square Tubing. 6063 Aluminum  
 Scale: 1/1  
 QTY: 2



Item: GE-14030-05, Anchor Block  
 Material: 1.75"x.125" Square Tubing. 6063 Aluminum  
 Scale: 1/1  
 QTY: 2



Item: GE-14030-06, Channel  
 Material: .125" Thick 5052 Aluminum Sheet  
 Scale: 1/2  
 QTY: 4

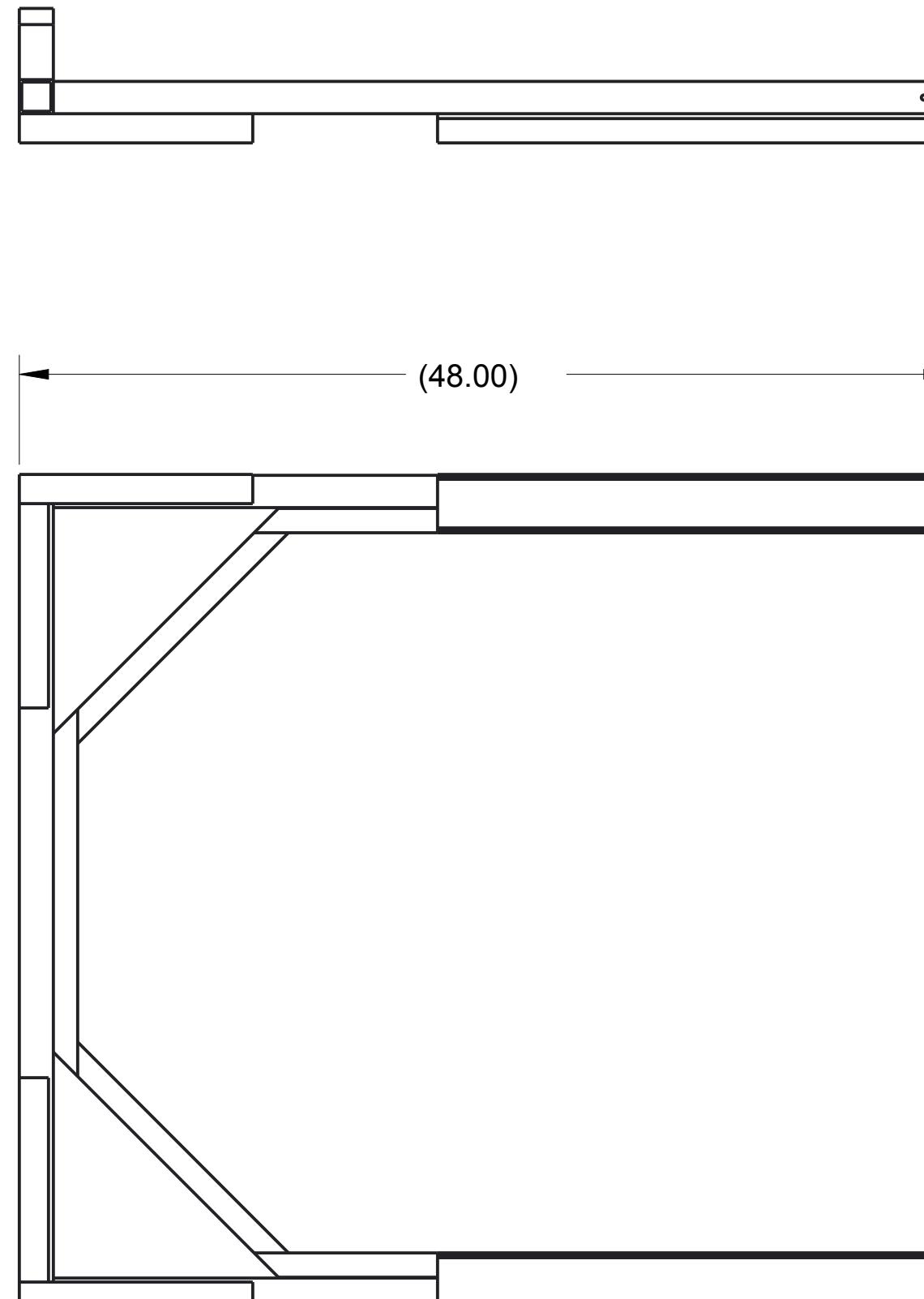
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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 11:192	SHEET 5 OF 5
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XX.X +/- .01 XXX.X +/- .001 ANG +/- 1	TITLE	High Goal Face Middle	
DO NOT SCALE	PROJECT	MODEL NAME	ISSUE
		GE-14030	

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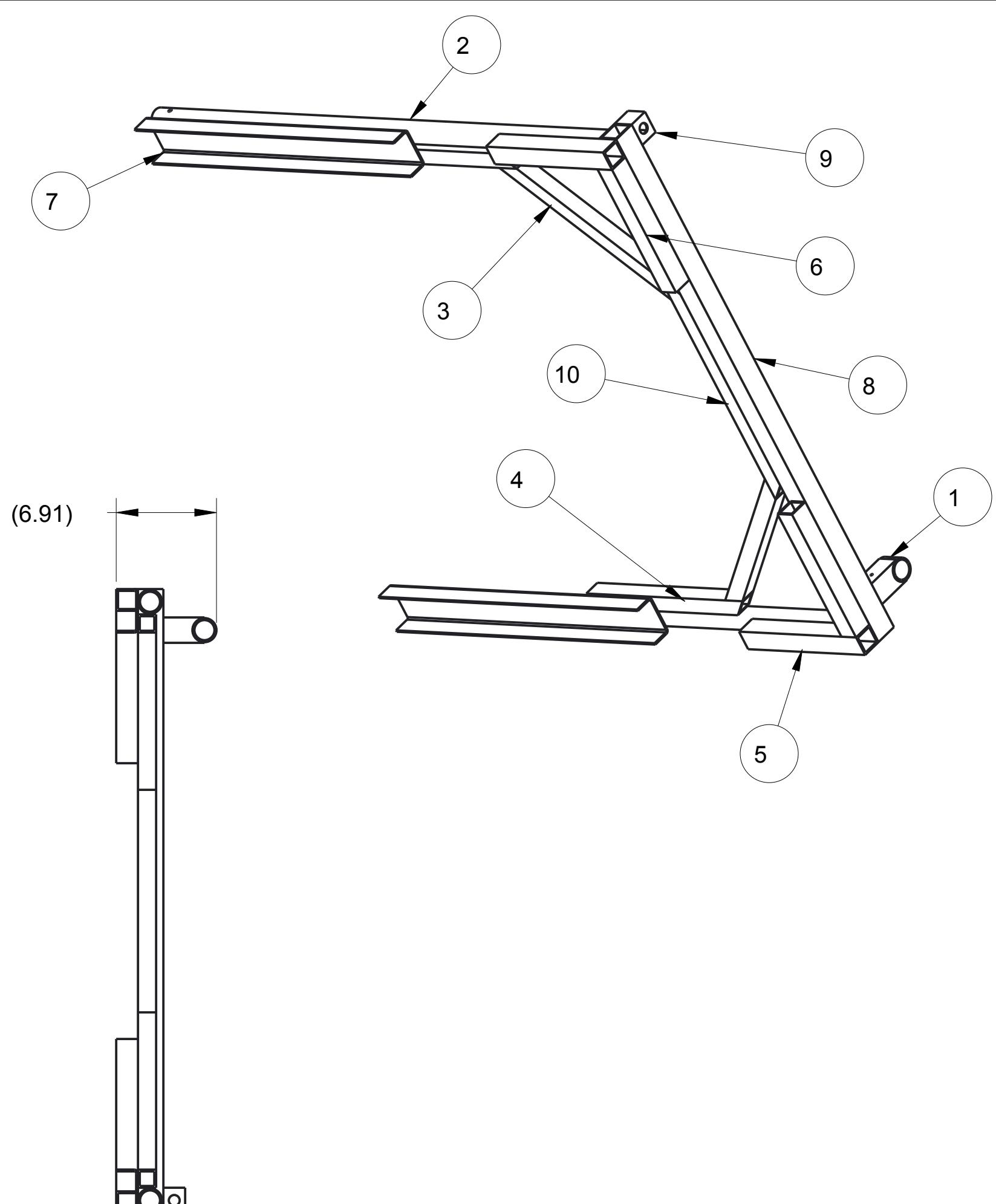
MODEL NAME  
GE-14031TITLE  
High Goal Face Left

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ITEM NO	PART NUMBER	QTY	DESCRIPTION	MATERIAL
1	GE-14026	1	High Goal Hinge, Assembly	Per Drawing
2	GE-14031-1	2	Horizontal Tube	1.25" Schedule 40 Pipe, 6061 Aluminum
3	GE-14031-10	2	Angled Channel Support	1.25"x.125" Square Tubing, 6063 Aluminum
4	GE-14031-11	2	Horizontal Channel Support	1.25"x.125" Square Tubing, 6063 Aluminum
5	GE-14031-12	2	Horizontal Corner Brace	1.5"x.125" Square Tubing, 6063 Aluminum
6	GE-14031-13	2	Vertical Corner Brace	1.5"x.125" Square Tubing, 6063 Aluminum
7	GE-14031-14	2	Channel	.125" Thick 5052 Aluminum Sheet
8	GE-14031-2	1	Vertical Tube	1.75"x.125" Square Tubing, 6063 Aluminum
9	GE-14031-6	1	Anchor Block	1.75"x.125" Square Tubing, 6063 Aluminum
10	GE-14031-7	1	Vertical Channel Support	1.25"x.125" Square Tubing, 6063 Aluminum

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		CHECKED BY	DATE	
		APPROVED BY	DATE	
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SCALE 1:8		SHEET 1 OF 7		
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1		TITLE High Goal Face Left		
DO NOT SCALE		PROJECT	MODEL NAME GE-14031	ISSUE

MODEL NAME  
GE-14031TITLE  
High Goal Face Left

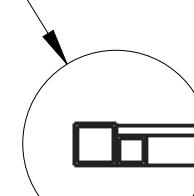
1

2

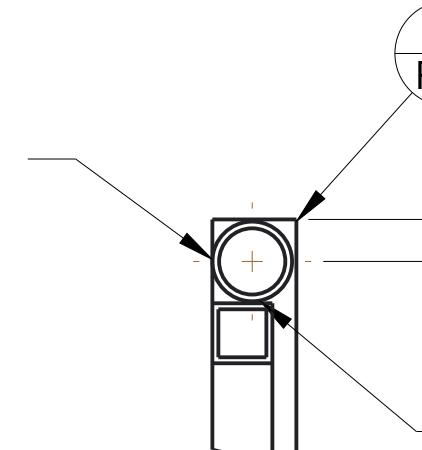
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4

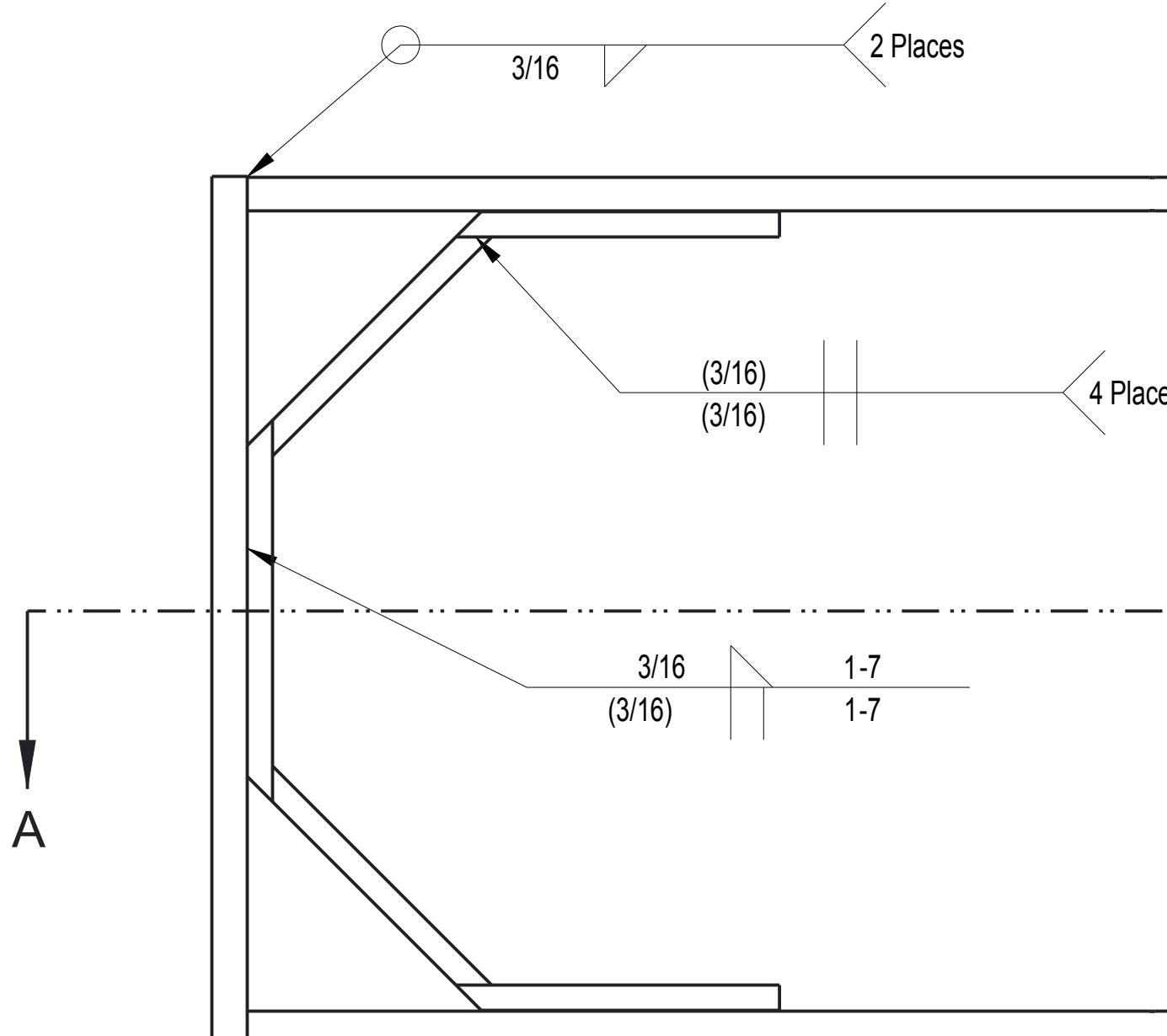
SEE DETAIL B



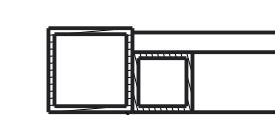
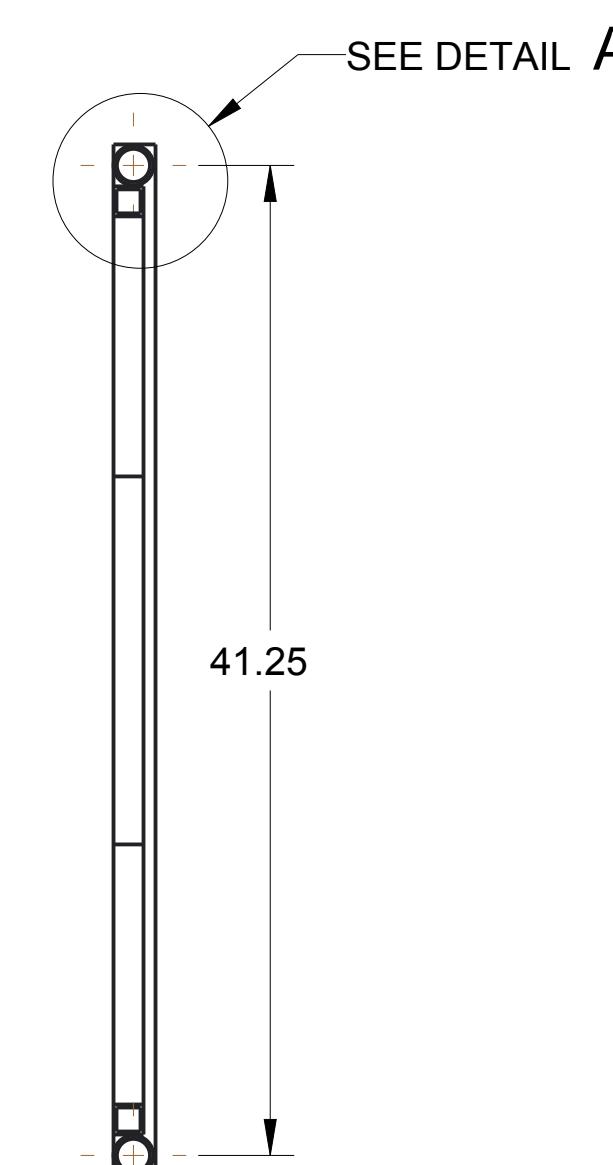
SECTION A-A

Items 2, 3, 4 and 10 to be flush  
with Item 8 as shownDETAIL A  
SCALE 1:4

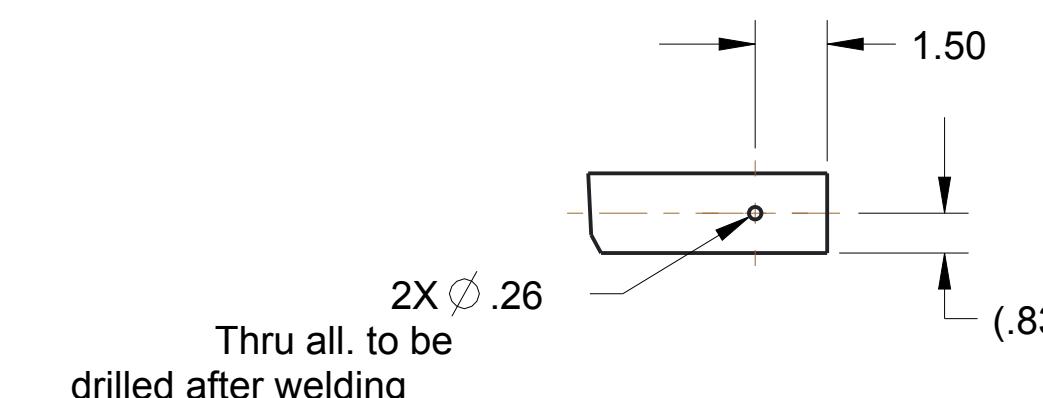
3/16 1-7 3/16 1-7 2 Places



A

DETAIL B  
SCALE 1:4

Items to be flush as shown

DETAIL C  
SCALE 1:4

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XX.X +/- .001 XXX +/- .0001 ANG +/- 1	TITLE High Goal Face Left		
DO NOT SCALE	PROJECT	MODEL NAME GE-14031	ISSUE

1

2

3

4

D

C

B

A

MODEL NAME  
GE-14031TITLE  
High Goal Face Left

1

2

3

4

D

D

C

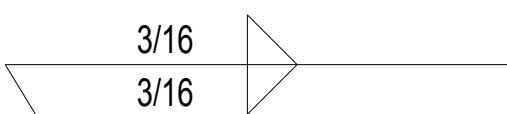
C

B

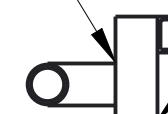
B

A

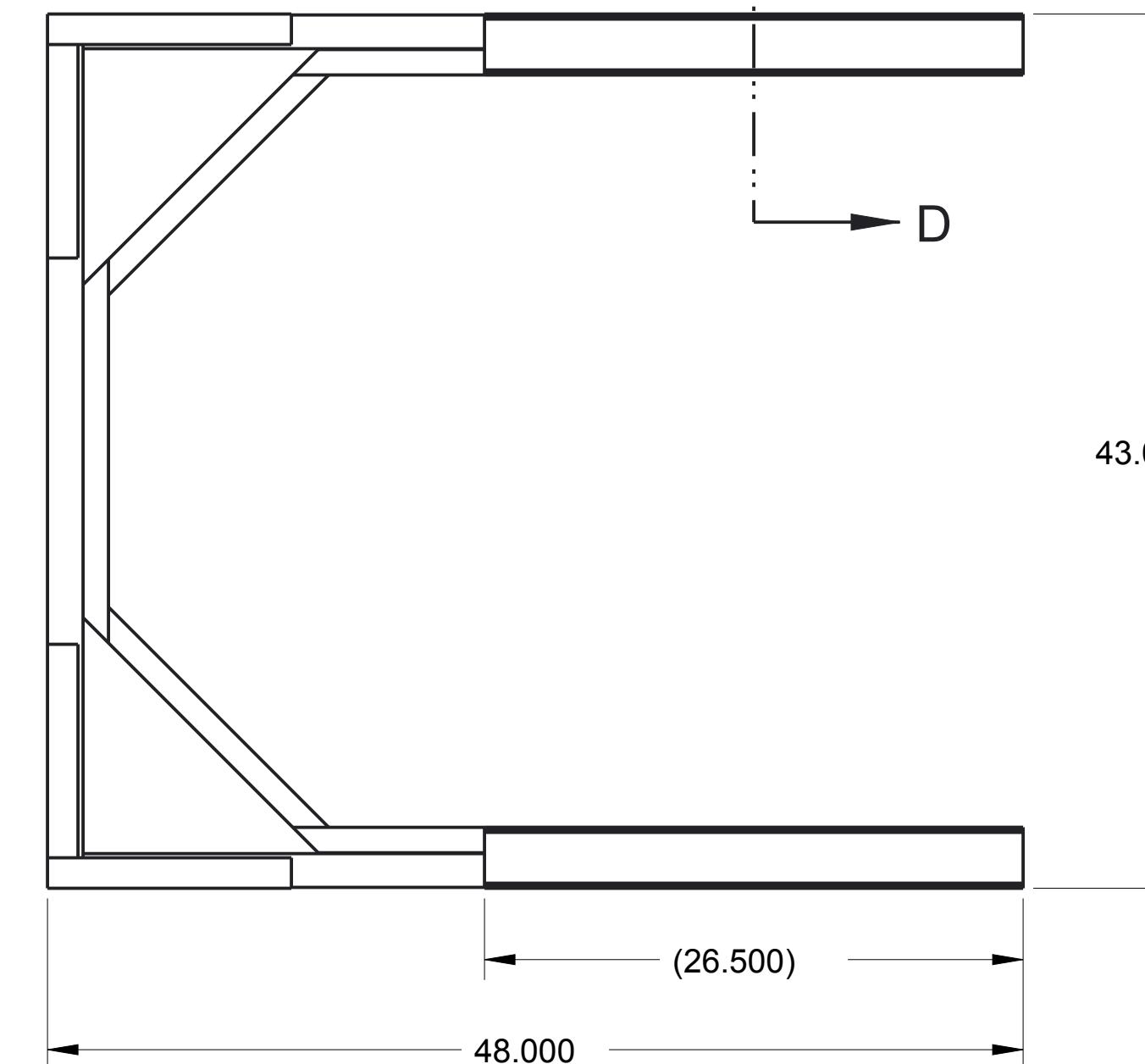
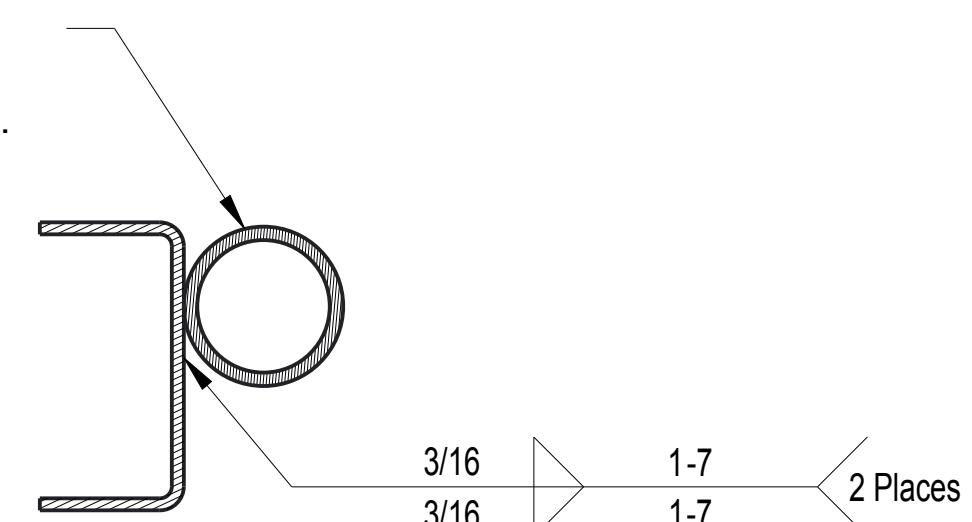
A



3/16 (3/16) 1-7 1-7 2 Places

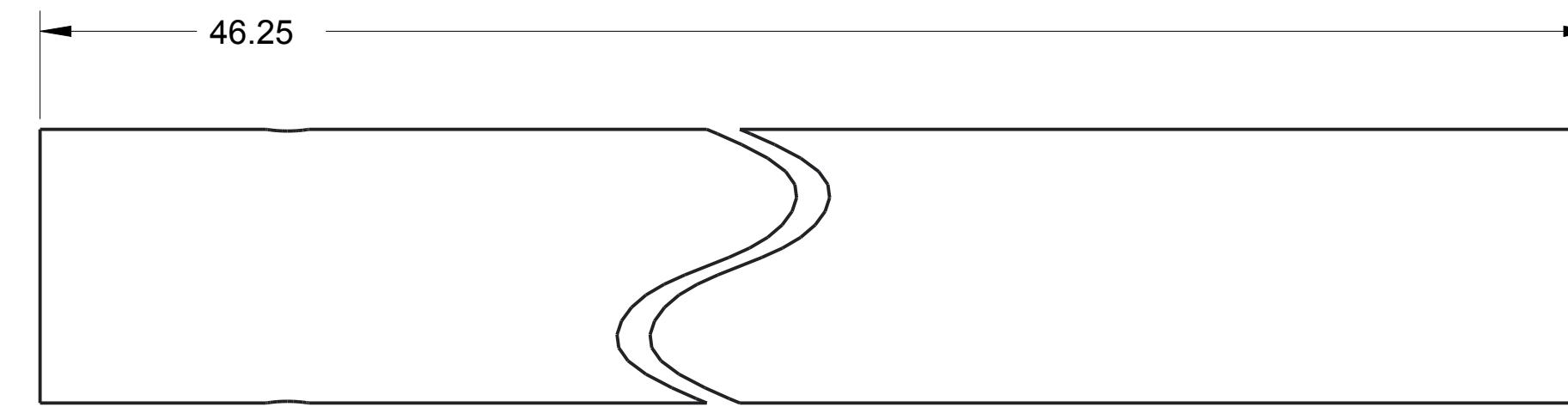
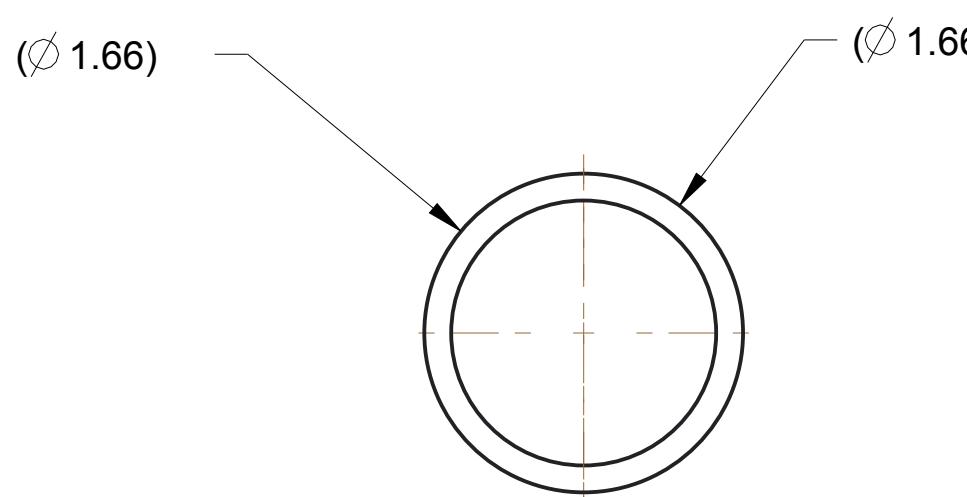


3/16 (3/16)

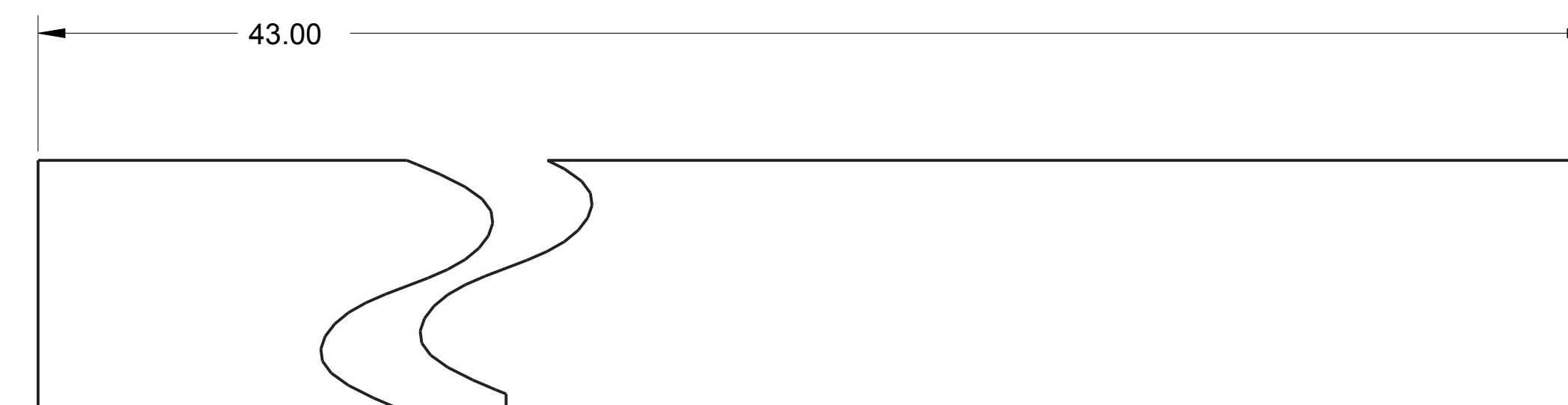
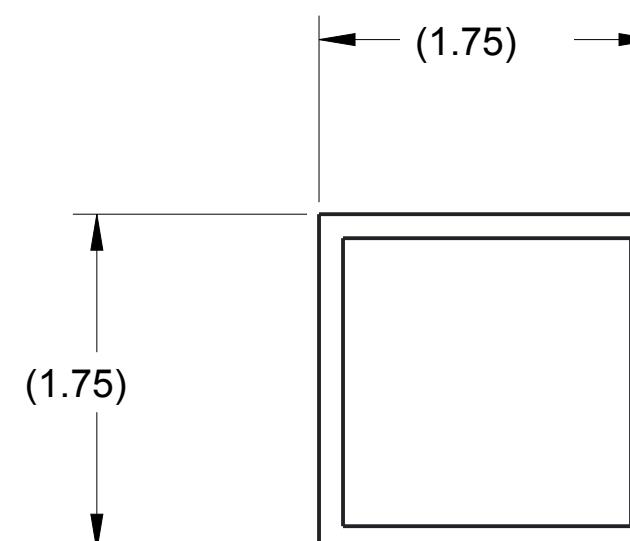
No weld penetration  
allowed on inside of tube  
2 Places.SECTION D-D  
SCALE 1:2

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CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:8	SHEET 3 OF 7
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TITLE	High Goal Face Left
PROJECT	MODEL NAME GE-14031
DO NOT SCALE	ISSUE

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
XX +/- 0.1  
XX.X +/- 0.01  
XXX.XX +/- 0.001  
ANG +/- 1

MODEL NAME  
GE-14031TITLE  
High Goal Face Left

Item: GE-14031-1, Horizontal Tube  
Material: 1.25" Schedule 40 Pipe, 6061 Aluminum  
Scale: 1:1  
QTY: 2



Item: GE-14031-2, Vertical Tube  
Material: 1.75"x.125" Square Tube, 6063 Aluminum  
Scale: 1:1  
QTY: 1

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 11:192	SHEET 4 OF 7
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XX.X +/- .001 XXX.XX +/- .0001 ANG +/- 1	TITLE	High Goal Face Left
DO NOT SCALE	PROJECT	MODEL NAME GE-14031
		ISSUE

MODEL NAME  
GE-14031TITLE  
High Goal Face Left

1

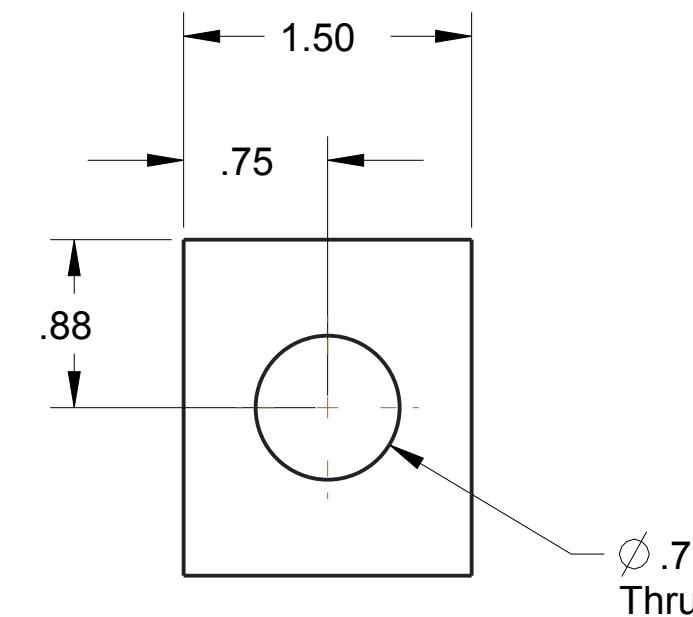
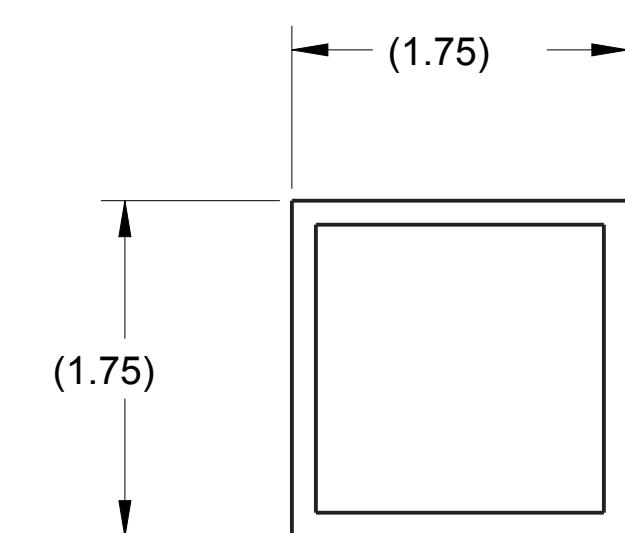
2

3

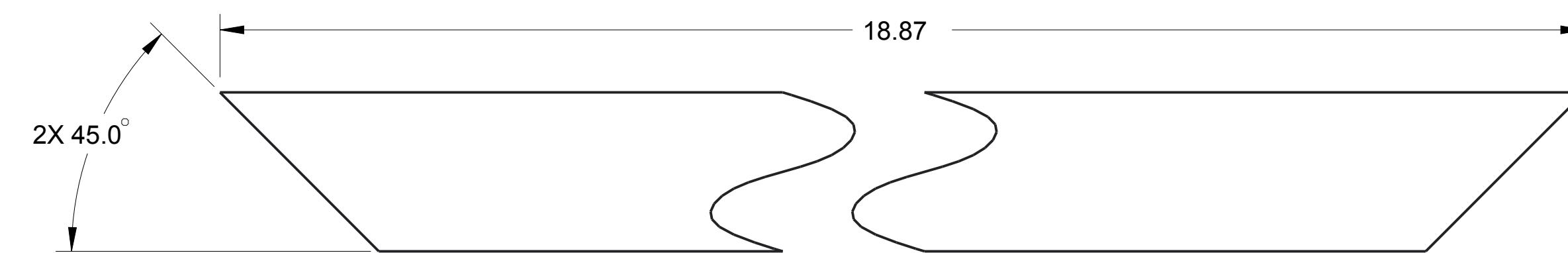
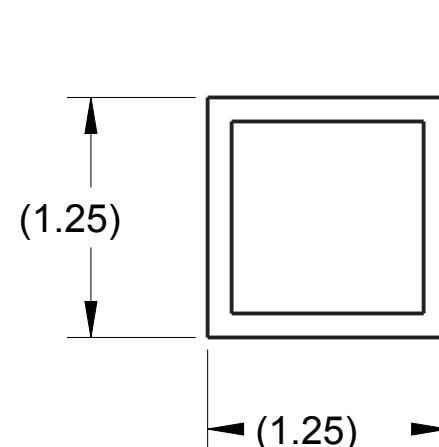
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D

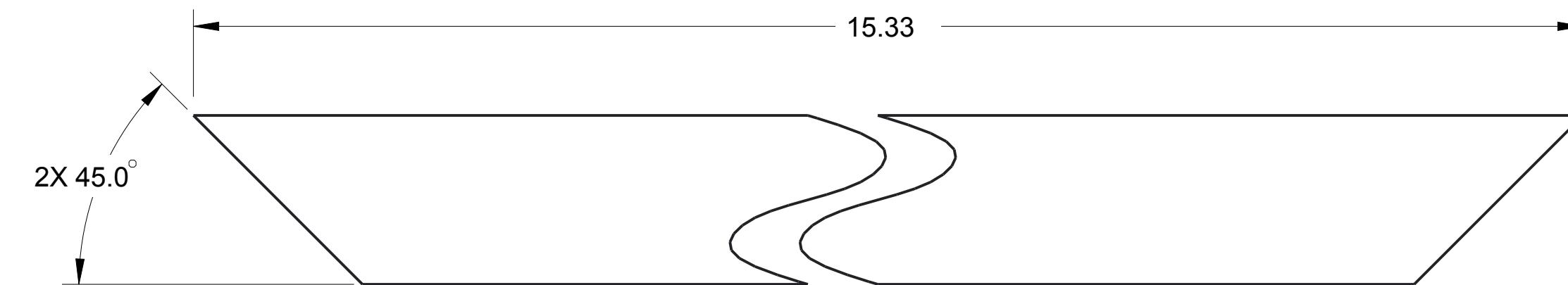
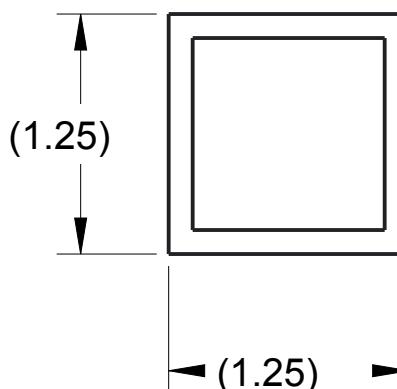
D



Item: GE-14031-6, Anchor Block  
Material: 1.75"x.125" Square Tube, 6063 Aluminum  
Scale: 1:1  
QTY: 1



Item: GE-14031-7, Vertical Channel Support  
Material: 1.25"x.125" Square Tube, 6063 Aluminum  
Scale: 1:1  
QTY: 1



Item: GE-14031-10, Angled Channel Support  
Material: 1.25"x.125" Square Tube, 6063 Aluminum  
Scale: 1:1  
QTY: 2

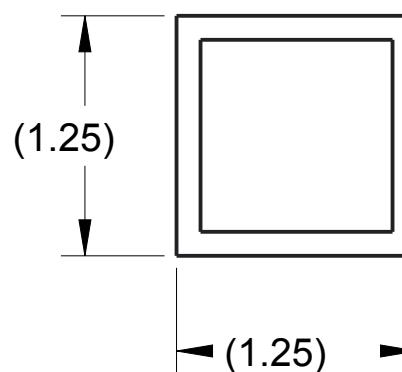
	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 11:192	SHEET 5 OF 7
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.X +/- 0.001 ANG +/- 1	TITLE	High Goal Face Left
DO NOT SCALE	PROJECT	MODEL NAME GE-14031
		ISSUE

1

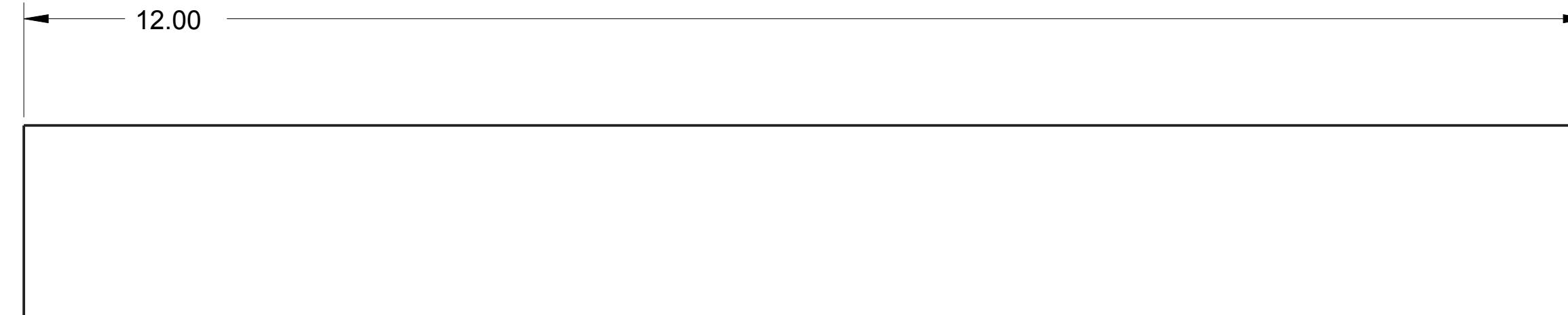
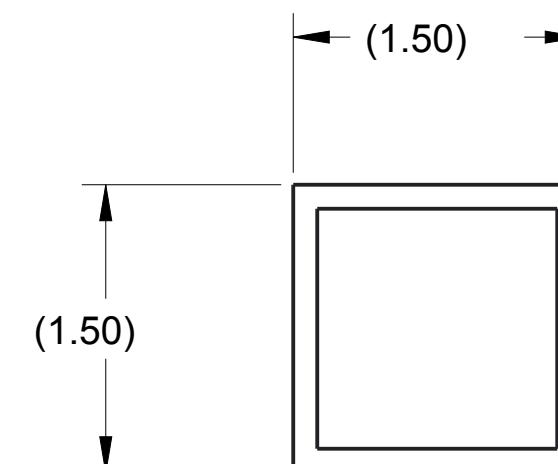
2

3

4

MODEL NAME  
GE-14031TITLE  
High Goal Face Left

Item: GE-14031-11, Horizontal Channel Support  
Material: 1.25"x.125" Square Tube, 6063 Aluminum  
Scale: 1:1  
QTY: 2



Item: GE-14031-12, Horizontal Corner Brace  
Material: 1.5"x.125" Square Tube, 6063 Aluminum  
Scale: 1:1  
QTY: 2

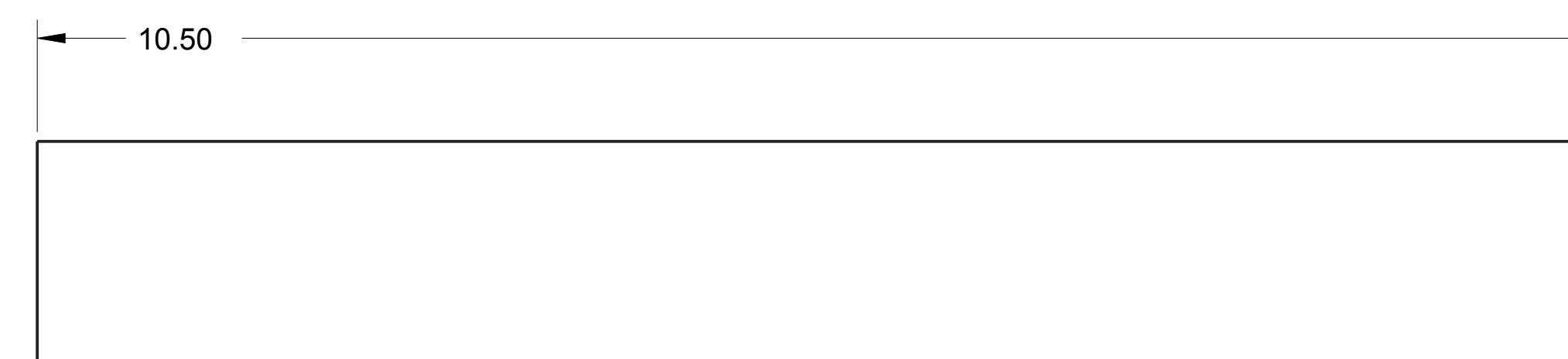
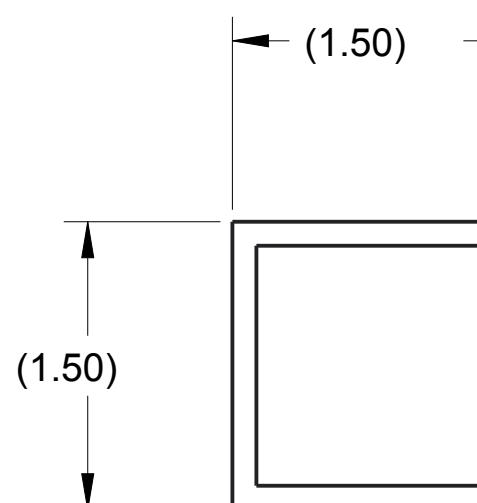
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	APPROVED BY	DATE
	SCALE 11:192	SHEET 6 OF 7
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DO NOT SCALE		TITLE
High Goal Face Left		PROJECT
GE-14031		MODEL NAME
ISSUE		

1

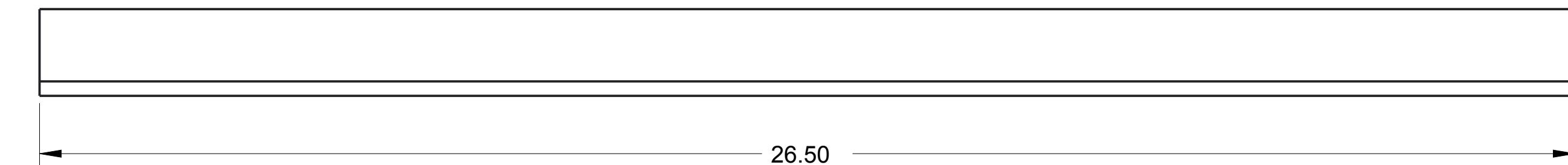
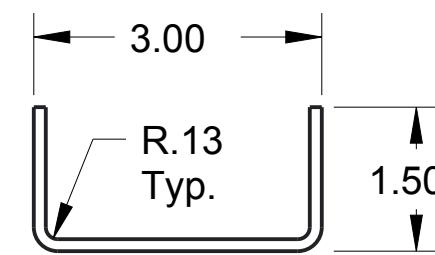
2

3

4

MODEL NAME  
GE-14031TITLE  
High Goal Face Left

Item: GE-14031-13, Vertical Corner Brace  
 Material: 1.5"x.125" Square Tube, 6063 Aluminum  
 Scale: 1:1  
 QTY: 2



Item: GE-14031-14, Channel  
 Material: .125" Thick 5052 Aluminum Sheet  
 Scale: 1:2  
 QTY: 2

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 11:192	SHEET 7 OF 7
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1	TITLE	High Goal Face Left
DO NOT SCALE	PROJECT	MODEL NAME GE-14031
		ISSUE

1

2

3

4

MODEL NAME GE-14033	TITLE High Goal Middle Light Stack
------------------------	---------------------------------------

D

D

1.50

43.00

12.00



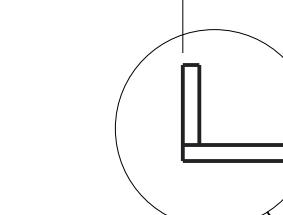
C

C

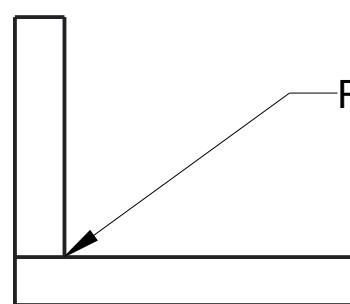
3.00

37.00

3.00



SEE DETAIL A



DETAIL A  
SCALE 1:1

Radius Permissible TYP.

## NOTES:

- 1.) Material: 1/4" HDPE (Red or Blue)
- 2.) Remove burrs and sharp edges

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		APPROVED BY	DATE
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DO NOT SCALE		TITLE High Goal Middle Light Stack	
PROJECT		MODEL NAME GE-14033	ISSUE

1

2

3

4

1

2

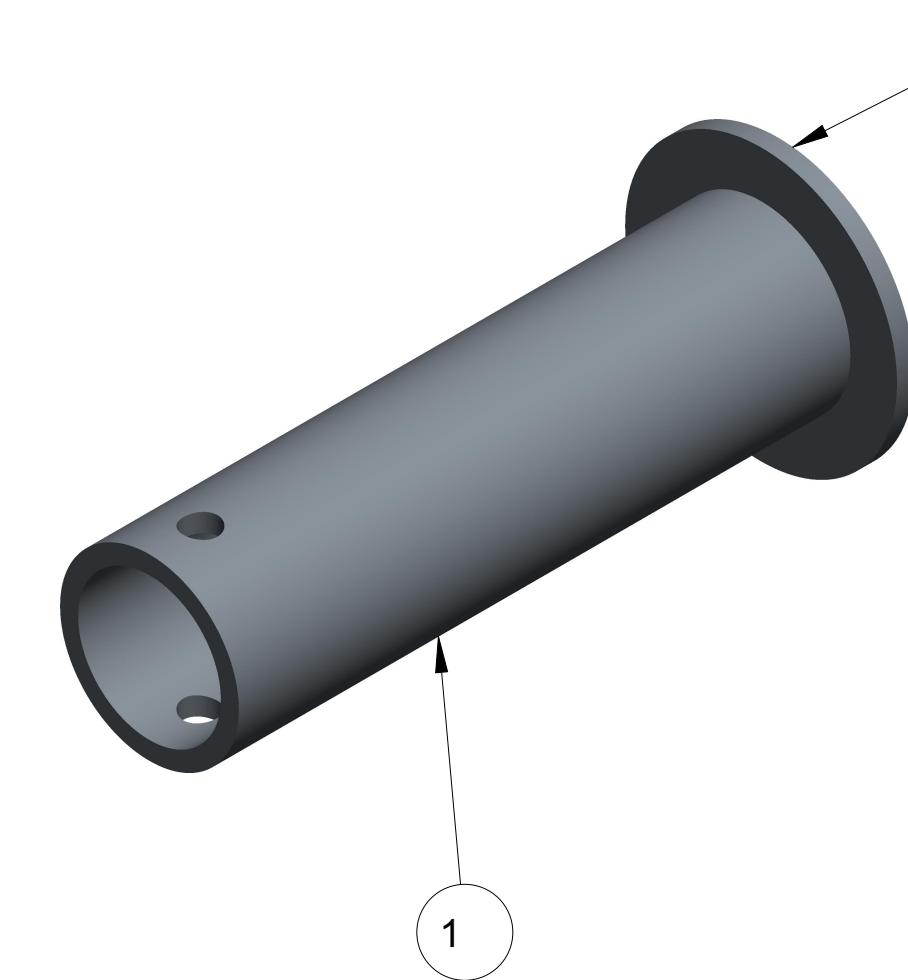
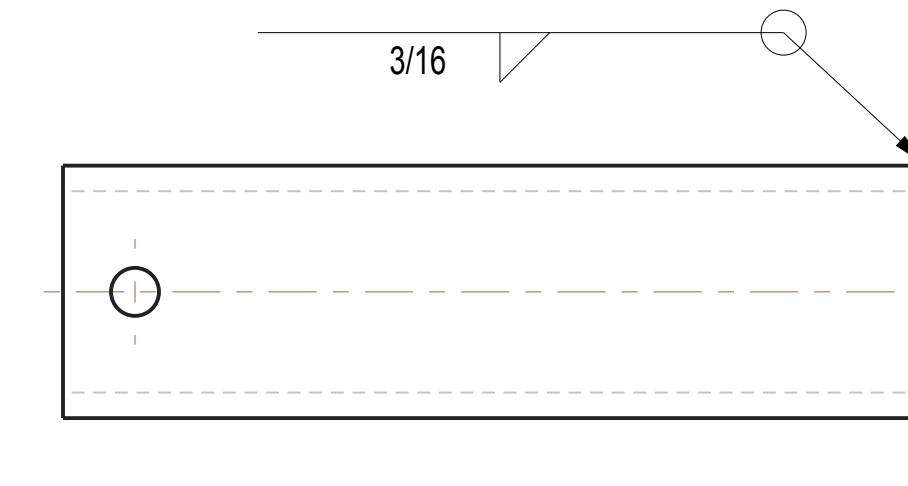
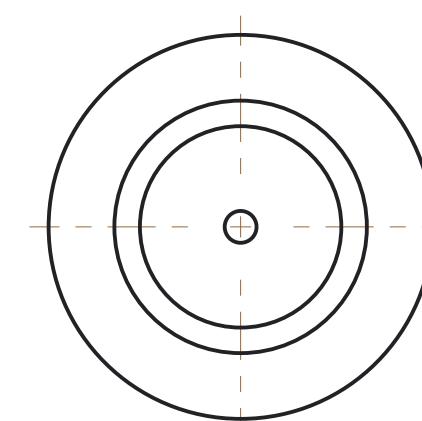
3

4

MODEL NAME  
GE-14034TITLE  
High Goal Hinge Pin

D

D



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-14034-1	1	High Goal Pin Shaft	1" Schedule 40 Pipe, 6061 Aluminum
2	GE-14034-2	1	High Goal Pin Head	.125" Sheet, 5052 Aluminum

1

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4

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		APPROVED BY	DATE
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DO NOT SCALE	PROJECT	MODEL NAME	ISSUE
		GE-14034	

1

2

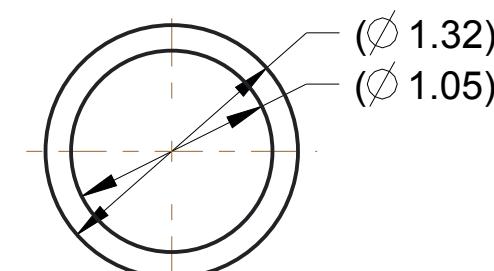
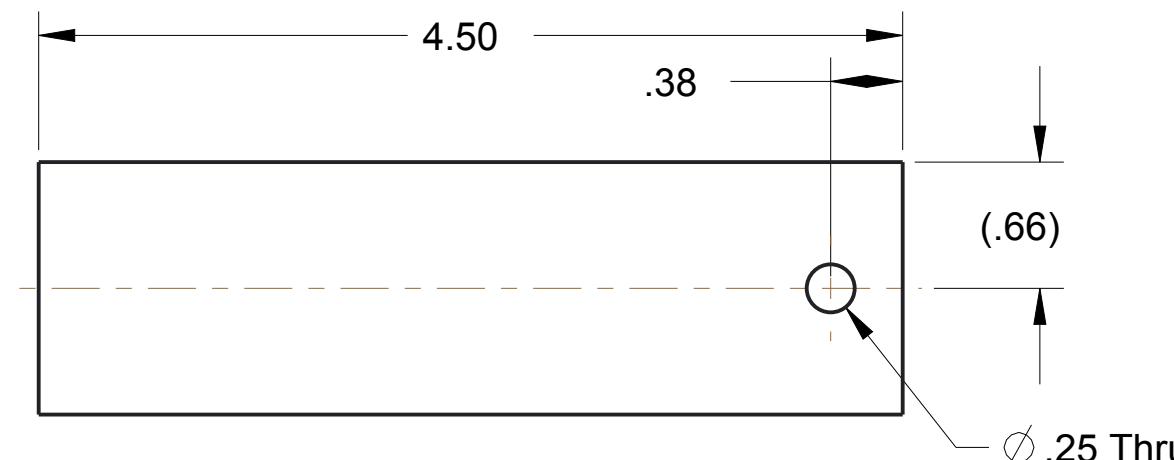
3

4

MODEL NAME GE-14034	TITLE High Goal Hinge Pin
------------------------	------------------------------

D

D



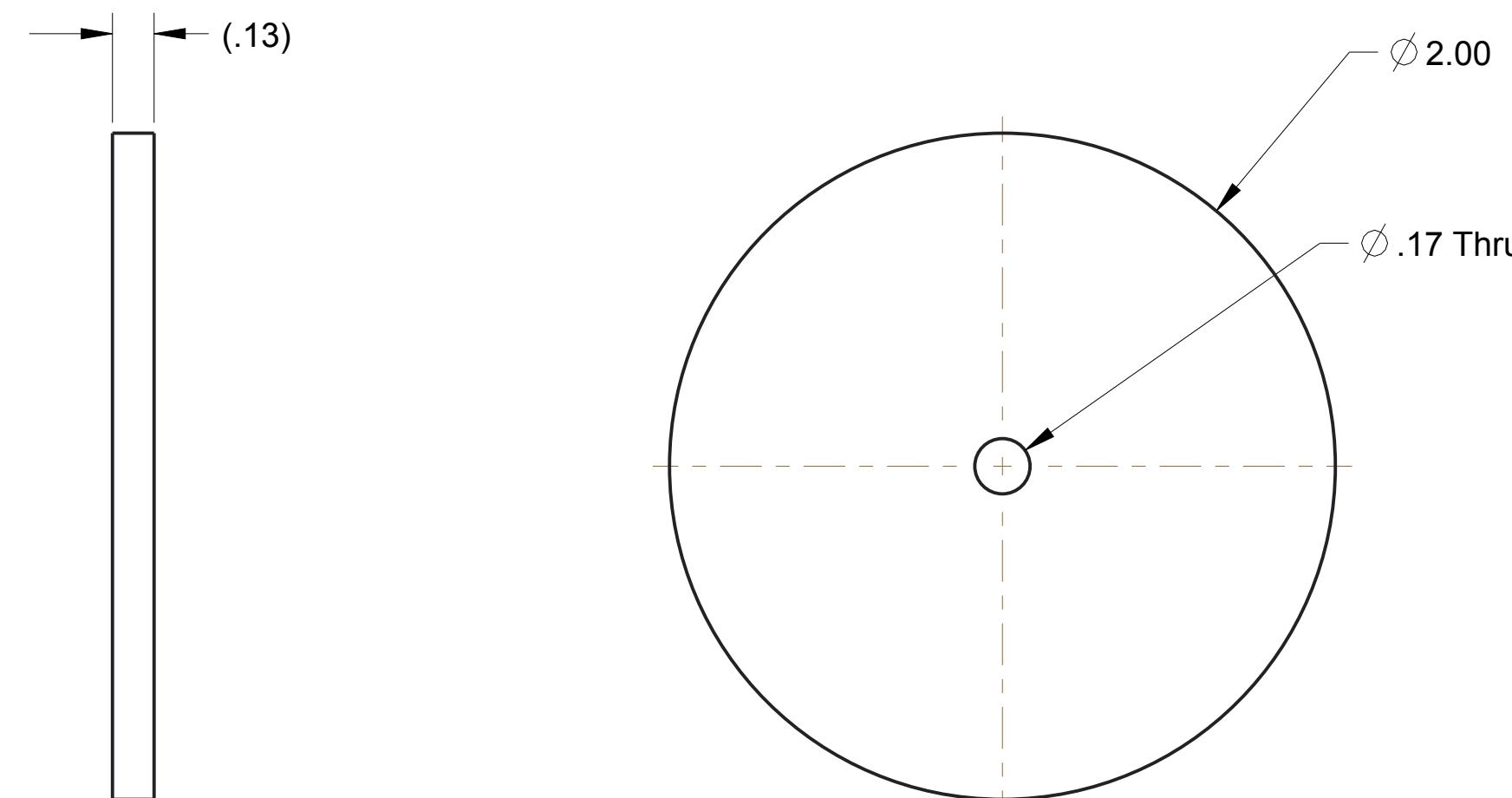
C

C

ITEM: GE-14034-01, High Goal Pin Shaft  
MATERIAL: 1" Schedule 40 Pipe, 6061 Aluminum  
SCALE: 1/1  
QTY: 1

B

B



A

A

ITEM: GE-14034-02, High Goal Pin Head  
MATERIAL: .125" Sheet, 5052 Aluminum  
SCALE: 1/1  
QTY: 1

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:1	SHEET 2 OF 2
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	TITLE High Goal Hinge Pin	
DO NOT SCALE	PROJECT	MODEL NAME GE-14034
		ISSUE

1

2

3

4

MODEL NAME  
GE-14035

TITLE  
High Goal Conduit

REV  
A

DESCRIPTION  
.25" hole angles changed, View A added

INITIAL  
NS

DATE  
12/9/13

D

D

C

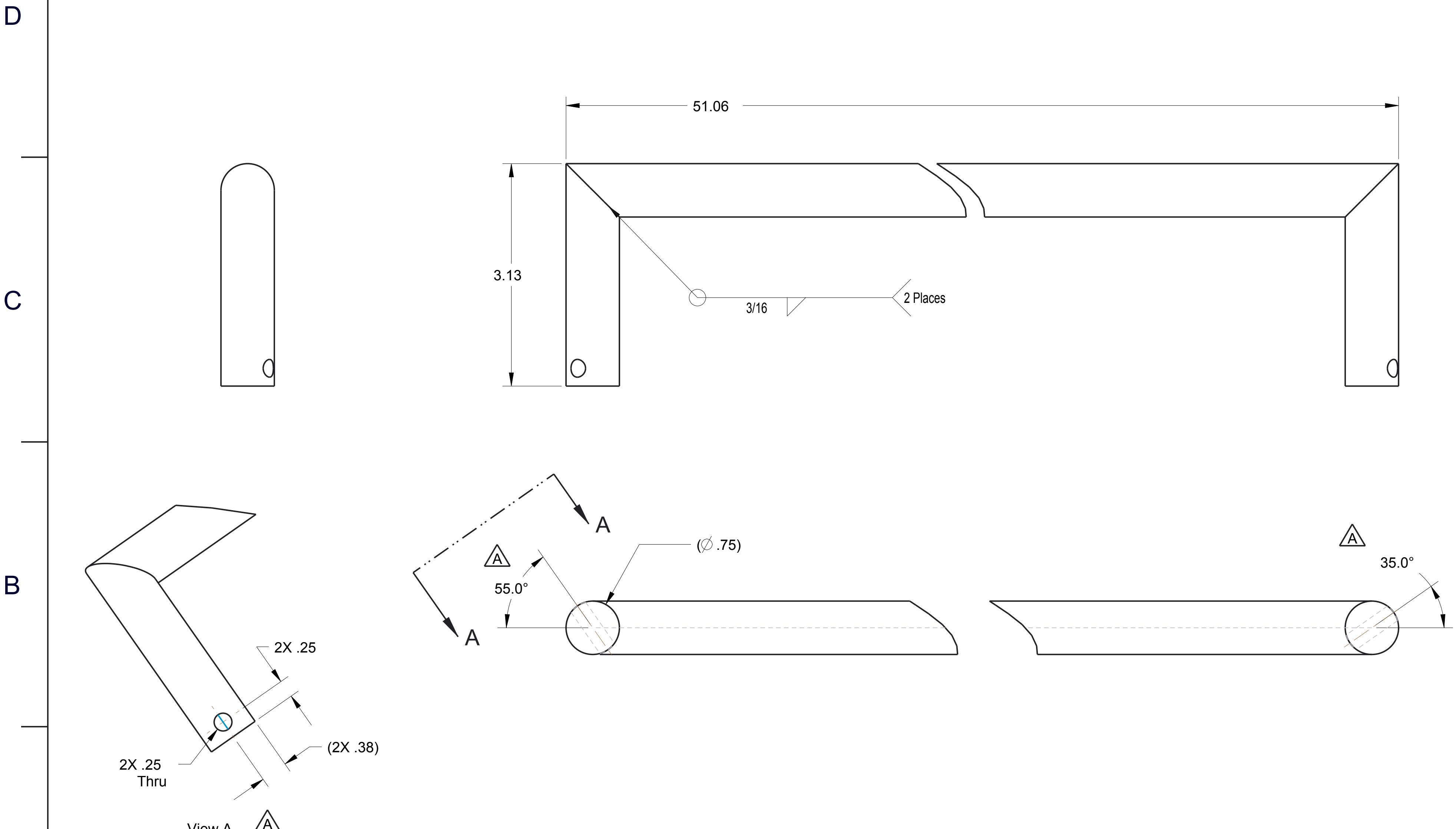
C

B

B

A

A



NOTES:

- 1.) Material: 3/4", 6061 Aluminum Round Rod
- 2.) Remove burrs and sharp edges

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.X +/- 0.001 ANG +/- 1	SCALE 1:1		SHEET 1 OF 1
DO NOT SCALE	TITLE	High Goal Conduit	
	PROJECT	MODEL NAME	ISSUE
		GE-14035	

1

2

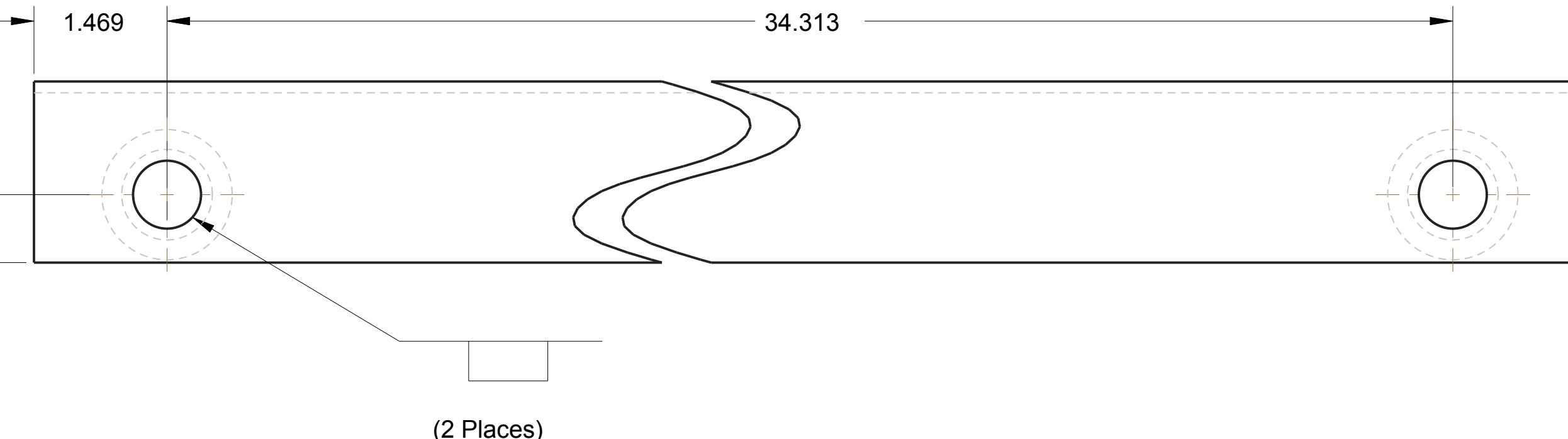
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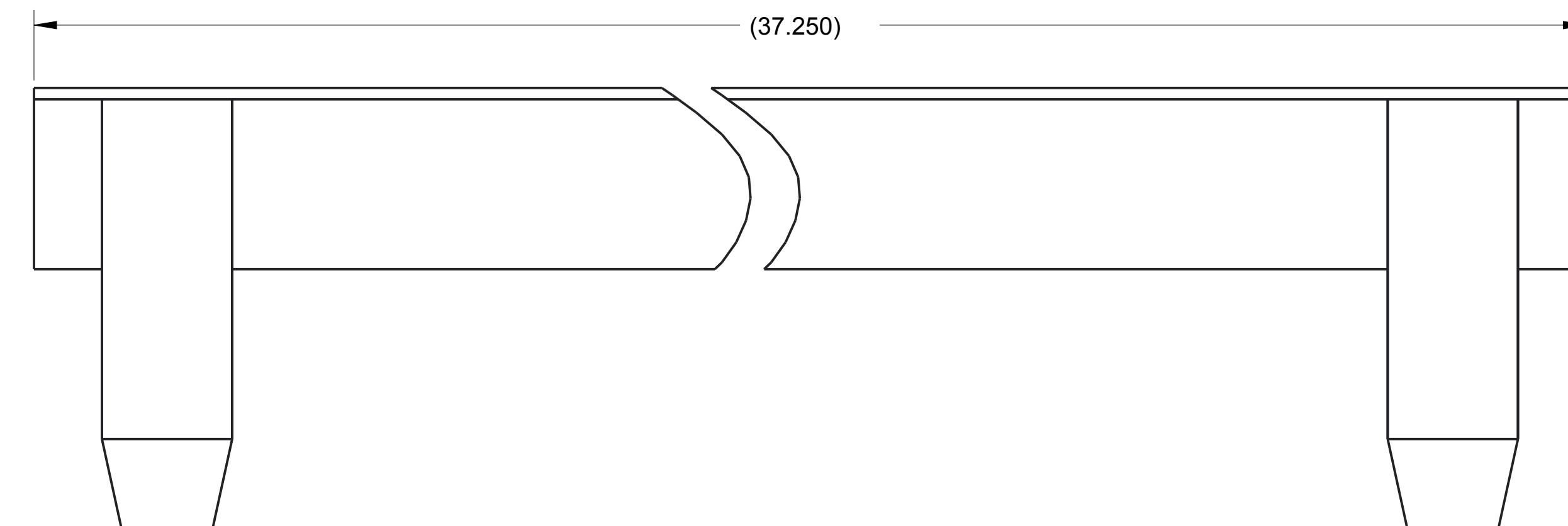
MODEL NAME  
GE-14036

TITLE  
Player Station End Top Rail

D



C



D

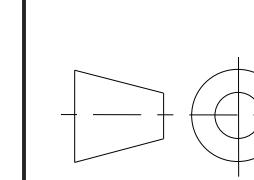
C

B

A

SCALE 3:4

ITEM NO	PART NUMBER	QTY	DESCRIPTION	MATERIAL
1	GE-14036-01	1	Main Support	2" Extruded Bare Angle, 6063 Aluminum
2	GE-14036-03	2	Locking Pin	1 7/16" Round Rod, 6061 Aluminum

 <small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.X +/- 0.001 ANG +/- 1</small>	 <b>FIRST</b> <small>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREON OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION</small>	DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:4	SHEET 1 OF 2
TITLE		Player Station End Top Rail	
PROJECT		MODEL NAME	ISSUE
		GE-14036	

1

2

3

4

ASME STANDARD,INCH

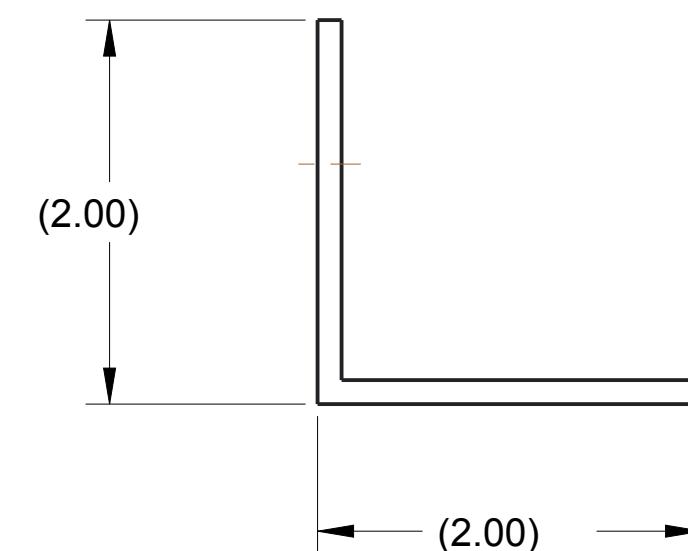
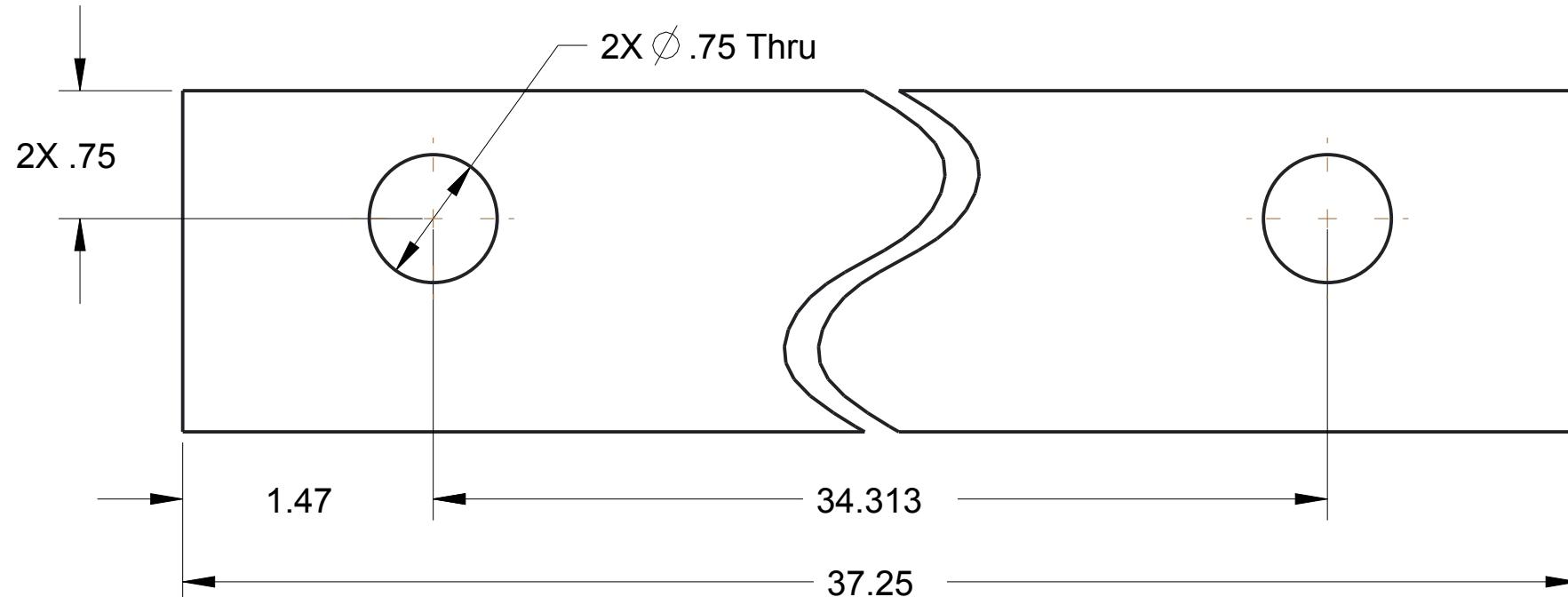
1

2

3

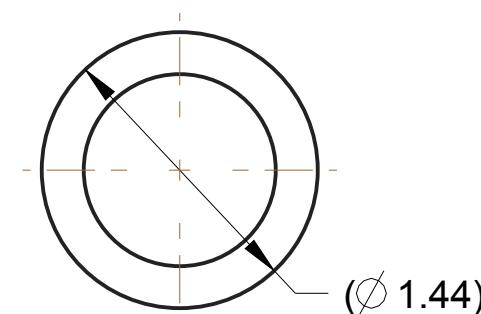
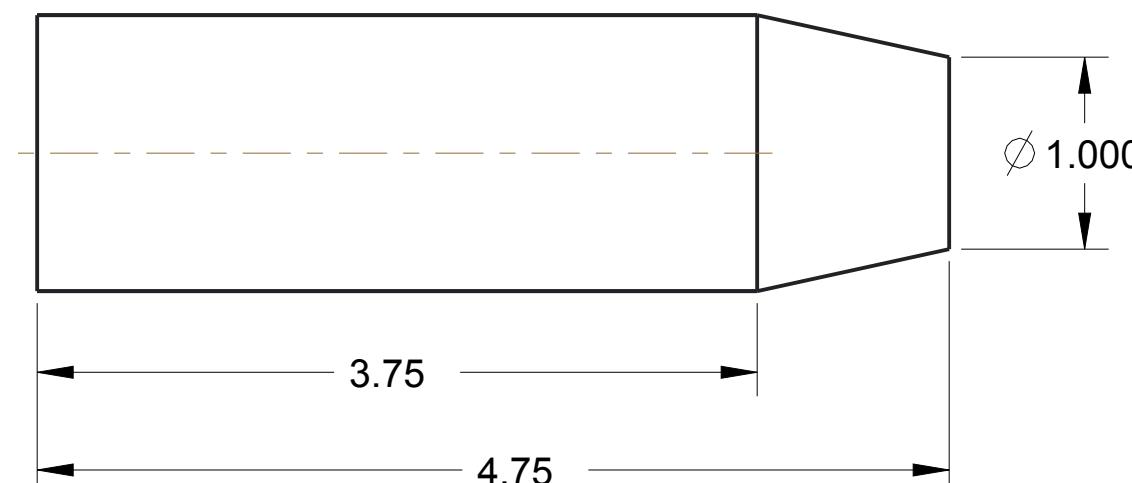
4

MODEL NAME GE-14036	TITLE Player Station End Top Rail
------------------------	--------------------------------------



SCALE 1:1

Item: GE-14036-01  
Material: 2" Angle, 6063 Aluminum  
Scale: 1/1  
QTY: 1



SCALE 1:1

Item: GE-14036-03  
Material: 1 7/16" Aluminum Round Rod  
Scale: 1/1  
QTY: 2

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
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DO NOT SCALE		TITLE	Player Station End Top Rail
		PROJECT	MODEL NAME GE-14036
			ISSUE

1

2

3

4

MODEL NAME GE-14037	TITLE End of Player Station Plastic
------------------------	--

D

D

C

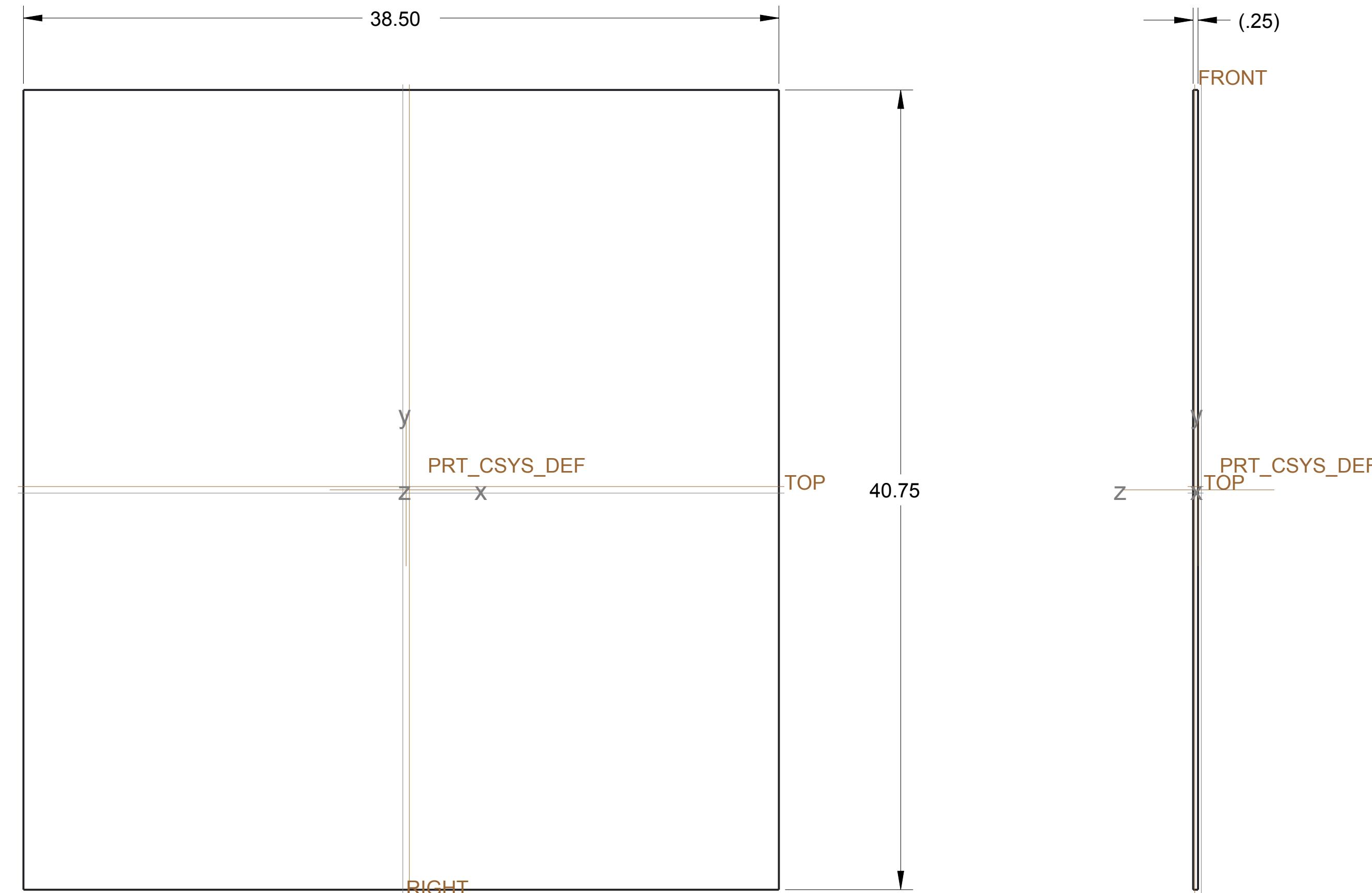
C

B

B

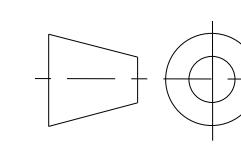
A

A



## NOTES:

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

 	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 19:96	SHEET 1 OF 1
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	TITLE End of Player Station Plastic	
DO NOT SCALE	PROJECT	MODEL NAME GE-14037
	ISSUE	

MODEL NAME  
GE-14042

TITLE  
HIGH GOAL PLASTIC CORNER

1

2

3

4

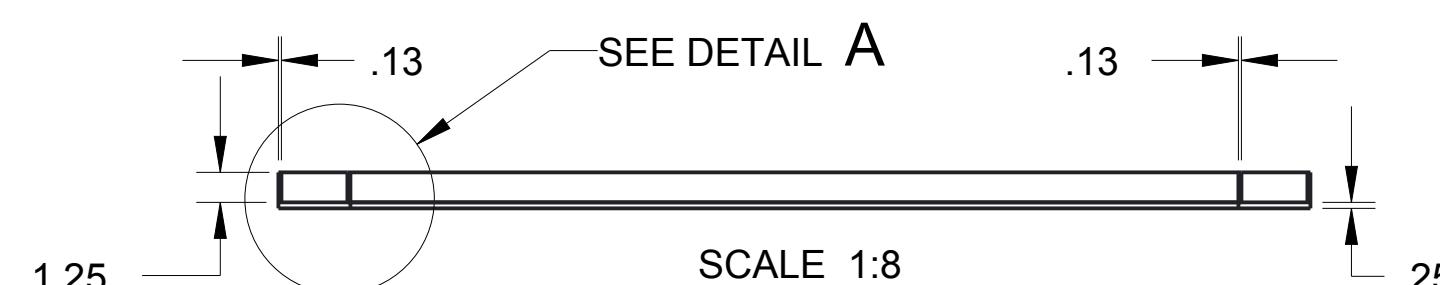
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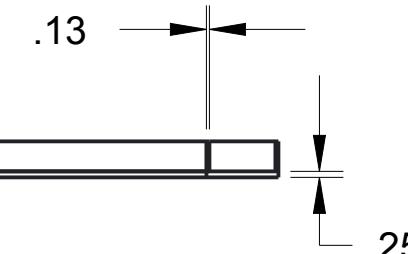
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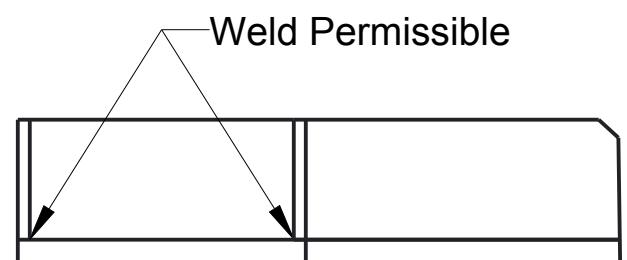
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SCALE 1:8



SCALE 1:8

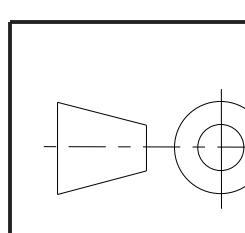


DETAIL A  
SCALE 1:2

NOTE:

- 1.) 1/4" Thick HDPE (Red or Blue)
- 2.) 1/8" Thick HDPE (Red or Blue)
- 3.) Remove all burrs and sharp edges

DO NOT SCALE



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SCALE 1:12 SHEET 1 OF 1

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1	TITLE HIGH GOAL PLASTIC CORNER	PROJECT	MODEL NAME GE-14042	ISSUE
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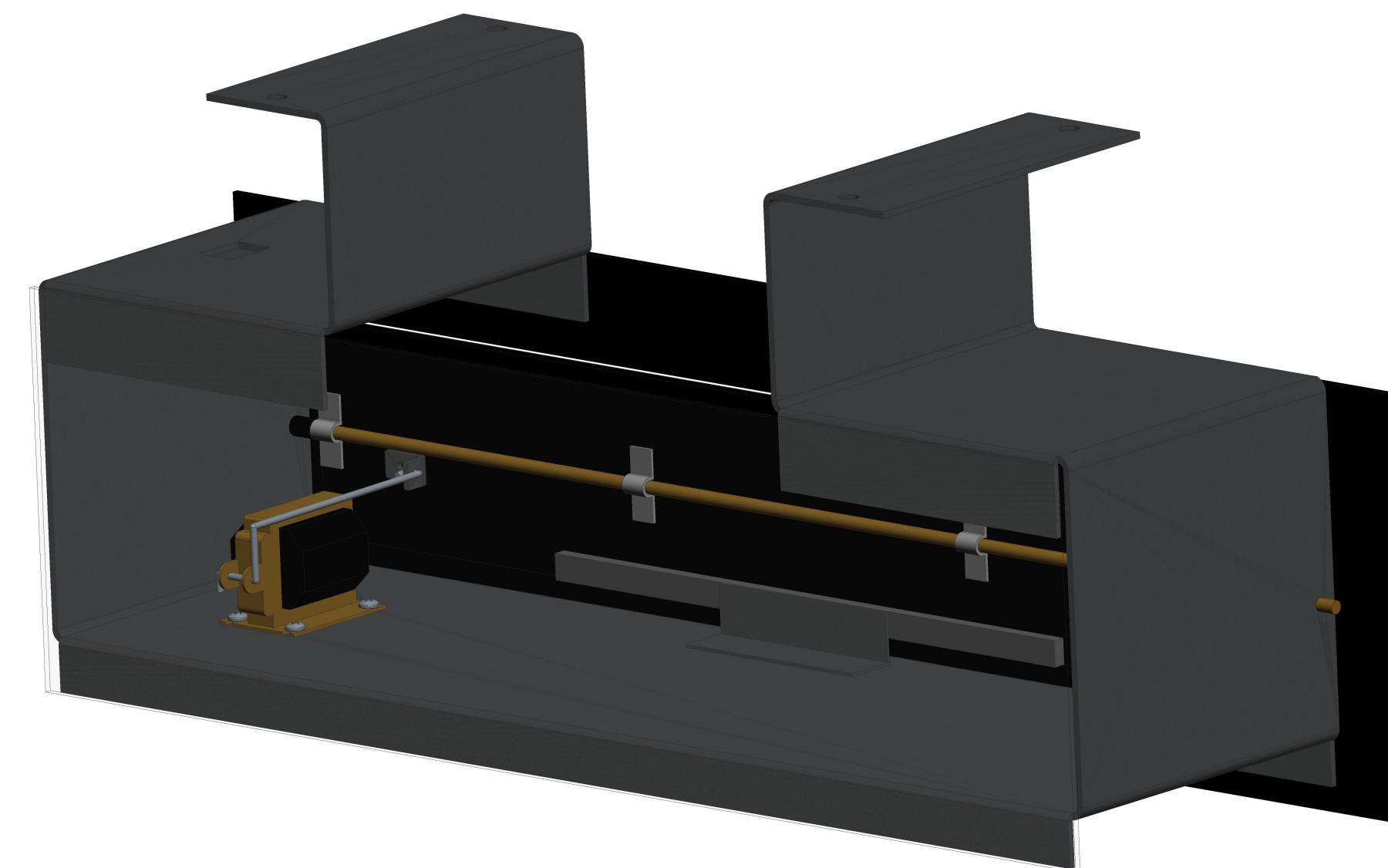
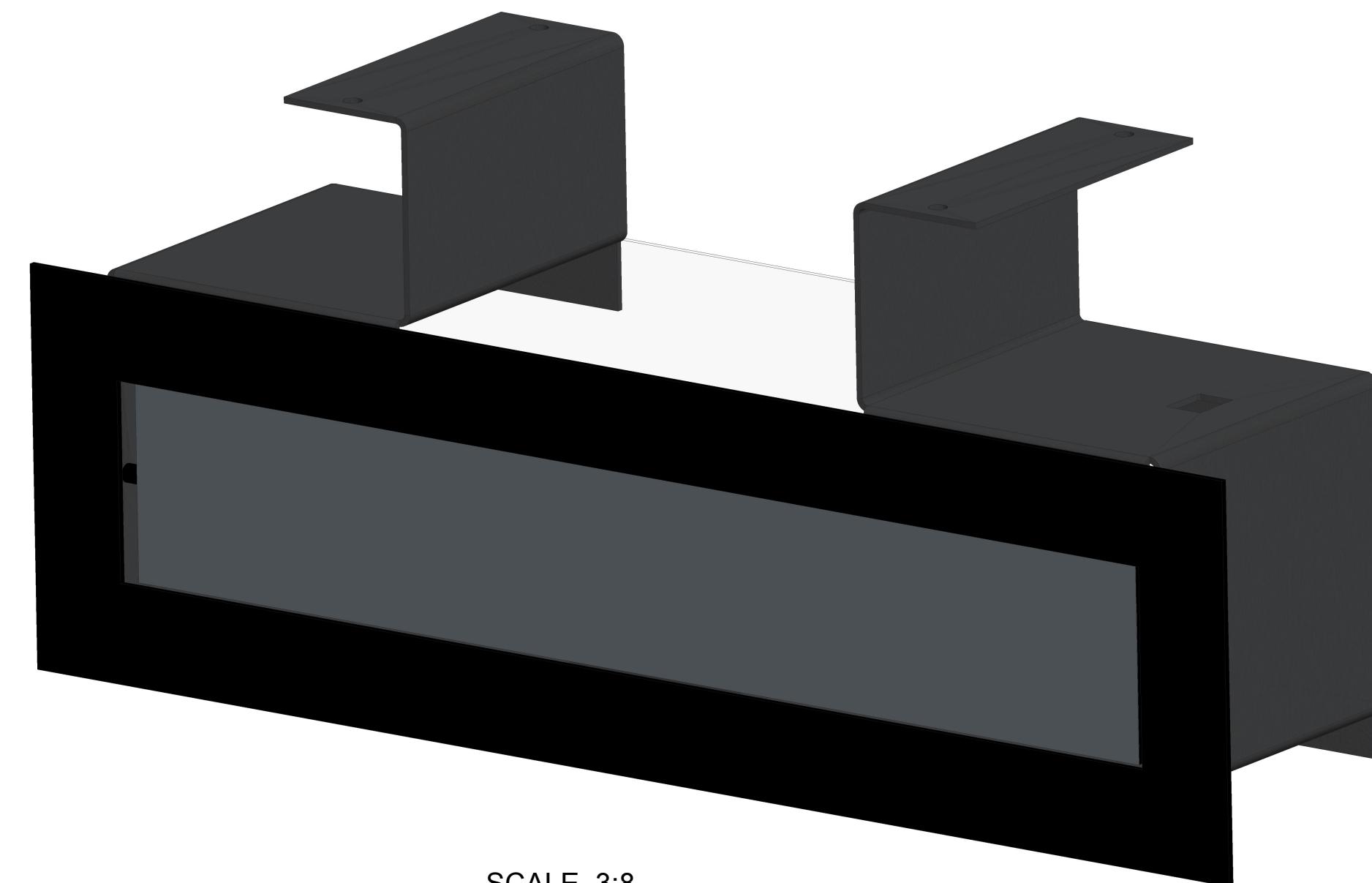
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MODEL NAME  
GE-14046TITLE  
Vision Target

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SCALE 9:64		SHEET 1 OF 6	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	TITLE	Vision Target	
DO NOT SCALE	PROJECT	MODEL NAME GE-14046	ISSUE

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ASME STANDARD,INCH

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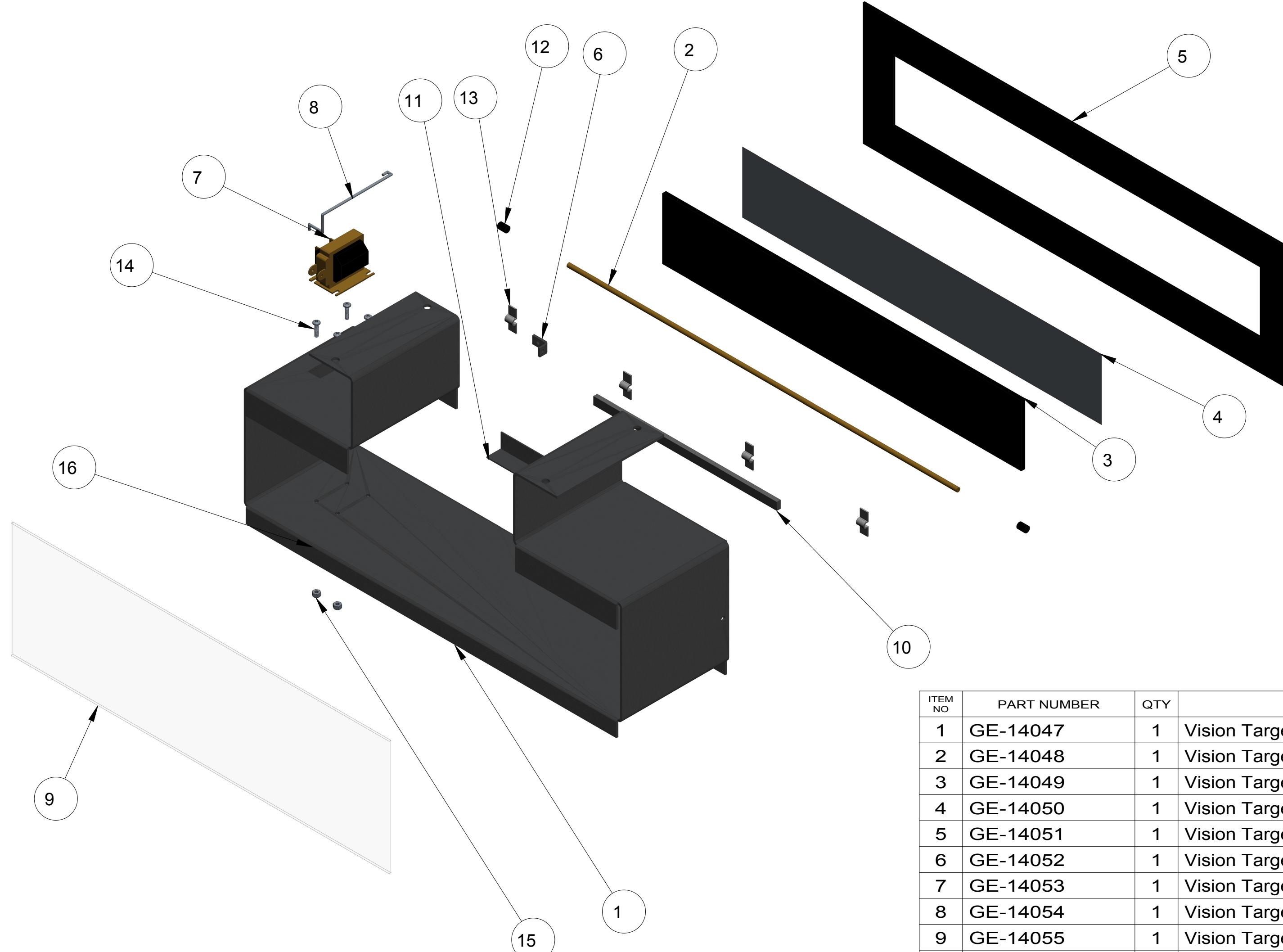
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MODEL NAME GE-14046	TITLE Vision Target
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ITEM NO	PART NUMBER	QTY	DESCRIPTION
1	GE-14047	1	Vision Target Hanger Bracket
2	GE-14048	1	Vision Target Shaft
3	GE-14049	1	Vision Target Face
4	GE-14050	1	Vision Target Tape
5	GE-14051	1	Vision Target Plastic Surround
6	GE-14052	1	Vision Target L Bracket
7	GE-14053	1	Vision Target Solenoid
8	GE-14054	1	Vision Target Linkage
9	GE-14055	1	Vision Target Safety Sheet
10	GE-14057	1	Vision Target Weight
11	GE-14064	1	Vision Target Stop
12	NYLON_BEARING2	McMaster PN 6389K113	
13	NYLON_CLAMP	4	McMaster PN 2978T62
14	VT_BOLT	4	10-24 3/8" Bolt - McMaster PN 90272A245
15	VT_NYLOCNUT	4	10-24 3/8" Nyloc Nut - McMaster PN 90631A011
16	VT_WASHER	4	No.10 Flat Washer McMaster PN 90126A514

SCALE 1:4

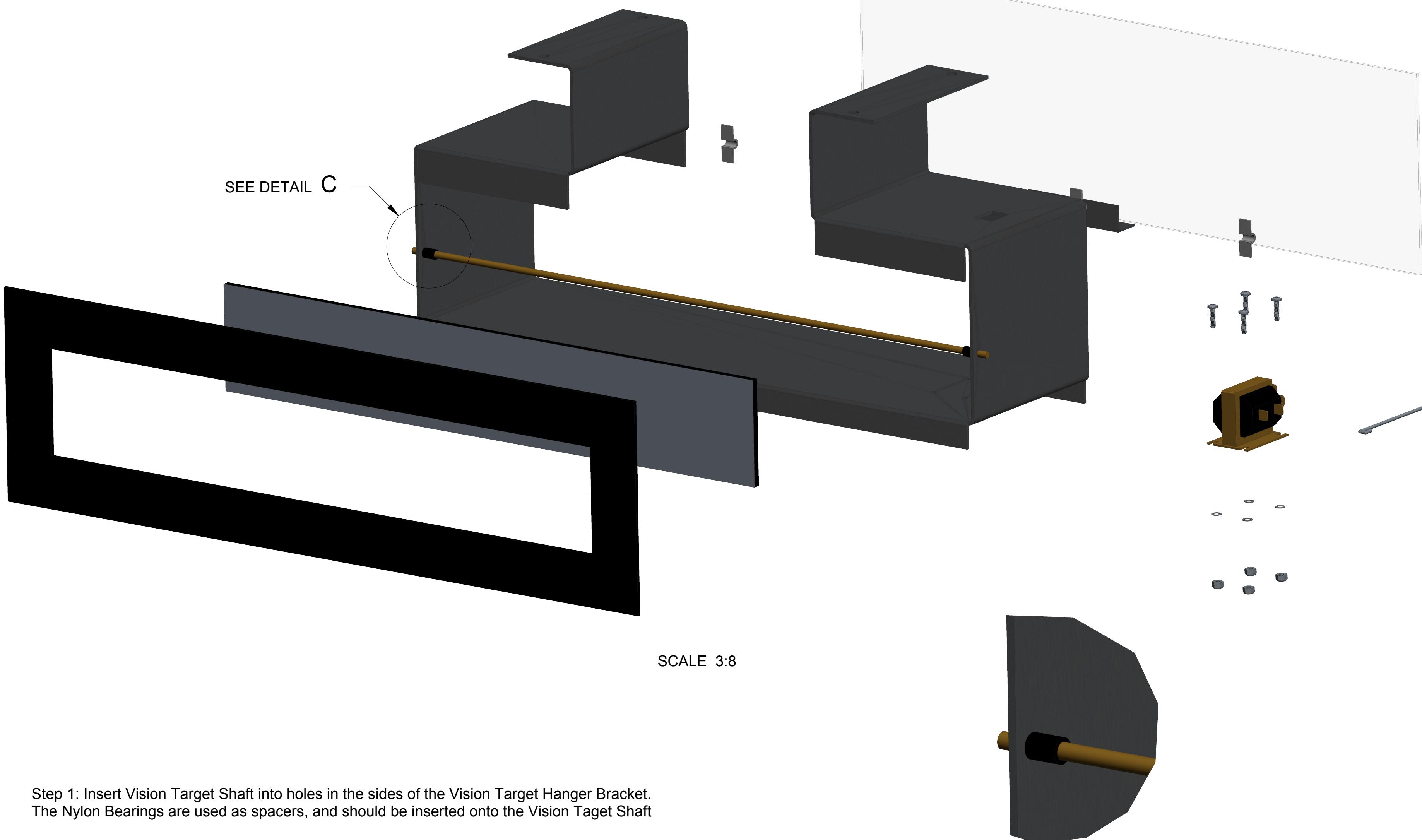
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	APPROVED BY	DATE
	SCALE 9:64	SHEET 2 OF 6
DO NOT SCALE		
TITLE Vision Target		
PROJECT		
MODEL NAME GE-14046		
ISSUE		

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MODEL NAME  
GE-14046TITLE  
Vision Target

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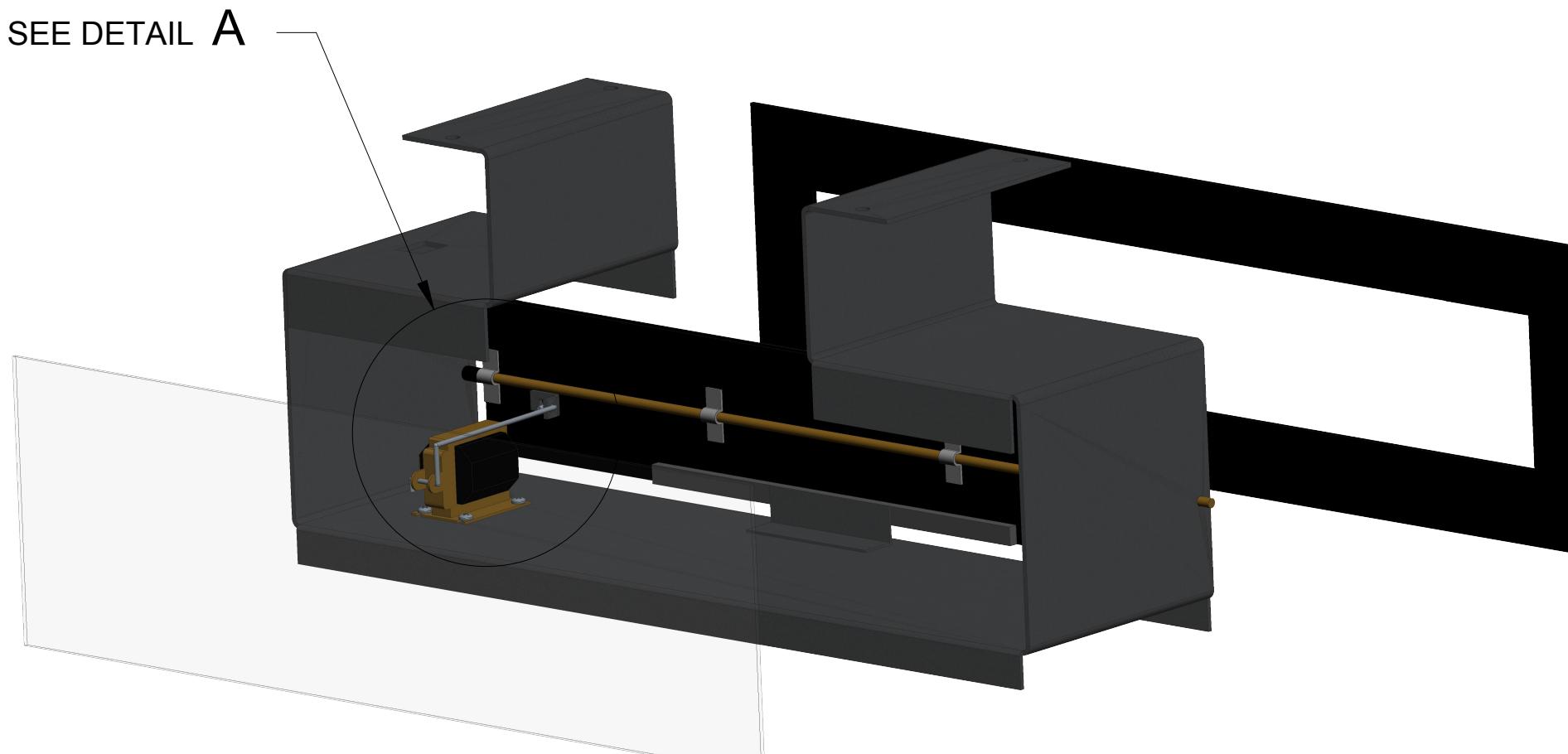
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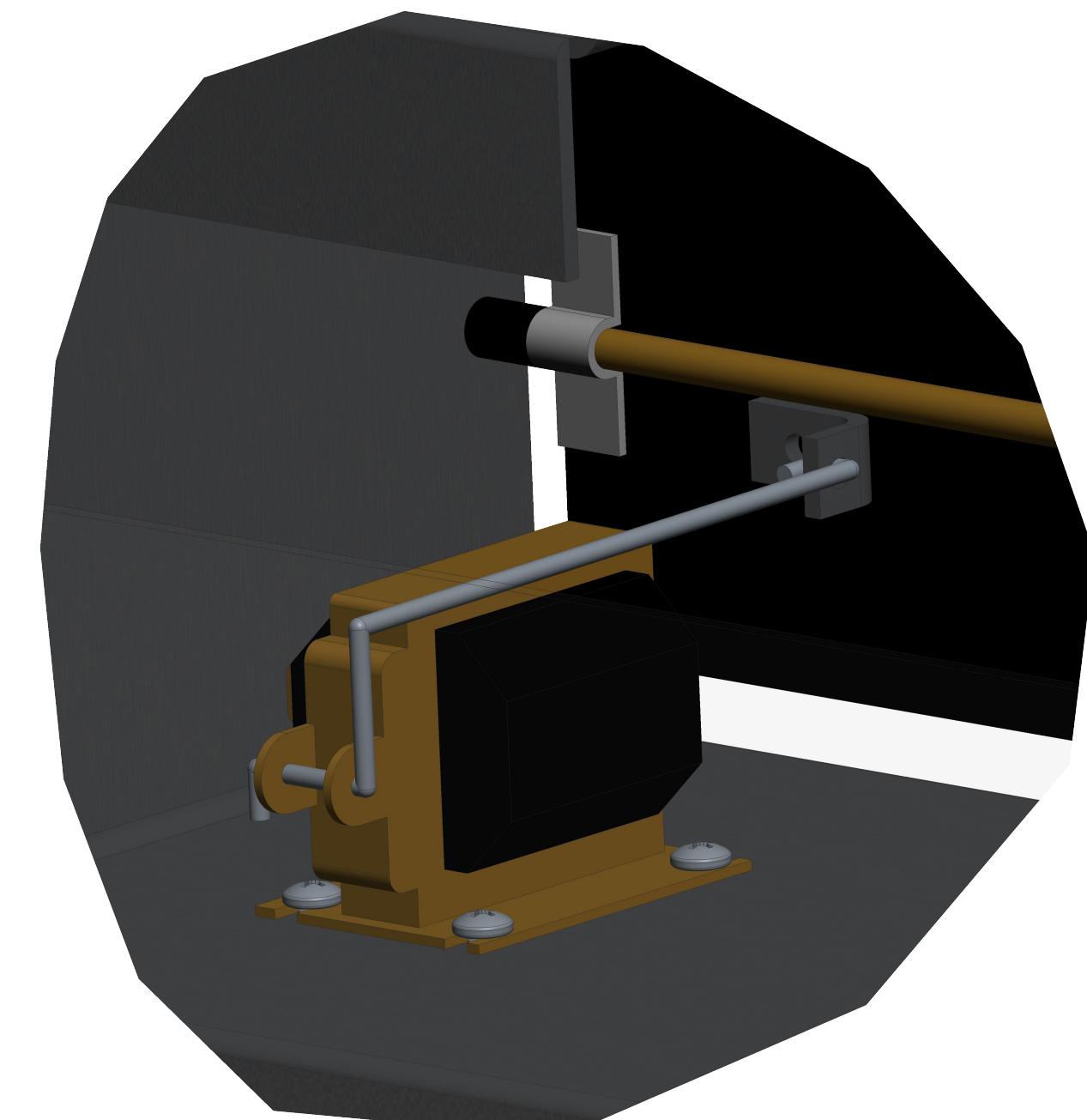
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DO NOT SCALE	TITLE Vision Target		
	PROJECT	MODEL NAME	ISSUE
		GE-14046	

MODEL NAME GE-14046	TITLE Vision Target
------------------------	------------------------

D



SCALE 1:4



SCALE 1:1

Step 3: Adhere Nylon Clamp to the back of the Vision Target Face.  
Make sure that the Vision Target Face is centered in the Vision Target Bracket.

Step 4: Adhere the Vision Target Weight to the bottom / center of the back of the Vision Target Face

Step 5: Adhere the Vision Target Stop to the Vision Target Hanger Bracket so that the Vision target face can't go past Vertical.

Step 6: Adhere the Vision Target L Bracket just below the Vision Target Shaft.

Step 7: Using specified bolts, washers and nuts, secure the Vision Target Solenoid to the Vision Target Hanger Bracket.

Step 8: Insert the Vision Target Linkage into the Vision Target L Bracket and the Vision Target Solenoid

Note: See Sheet 5 for Specific Dimensions regarding placement of bushings and clamps.

Note: Adhesion in Step 3 - Step 6 is done using double-sided foam tape.

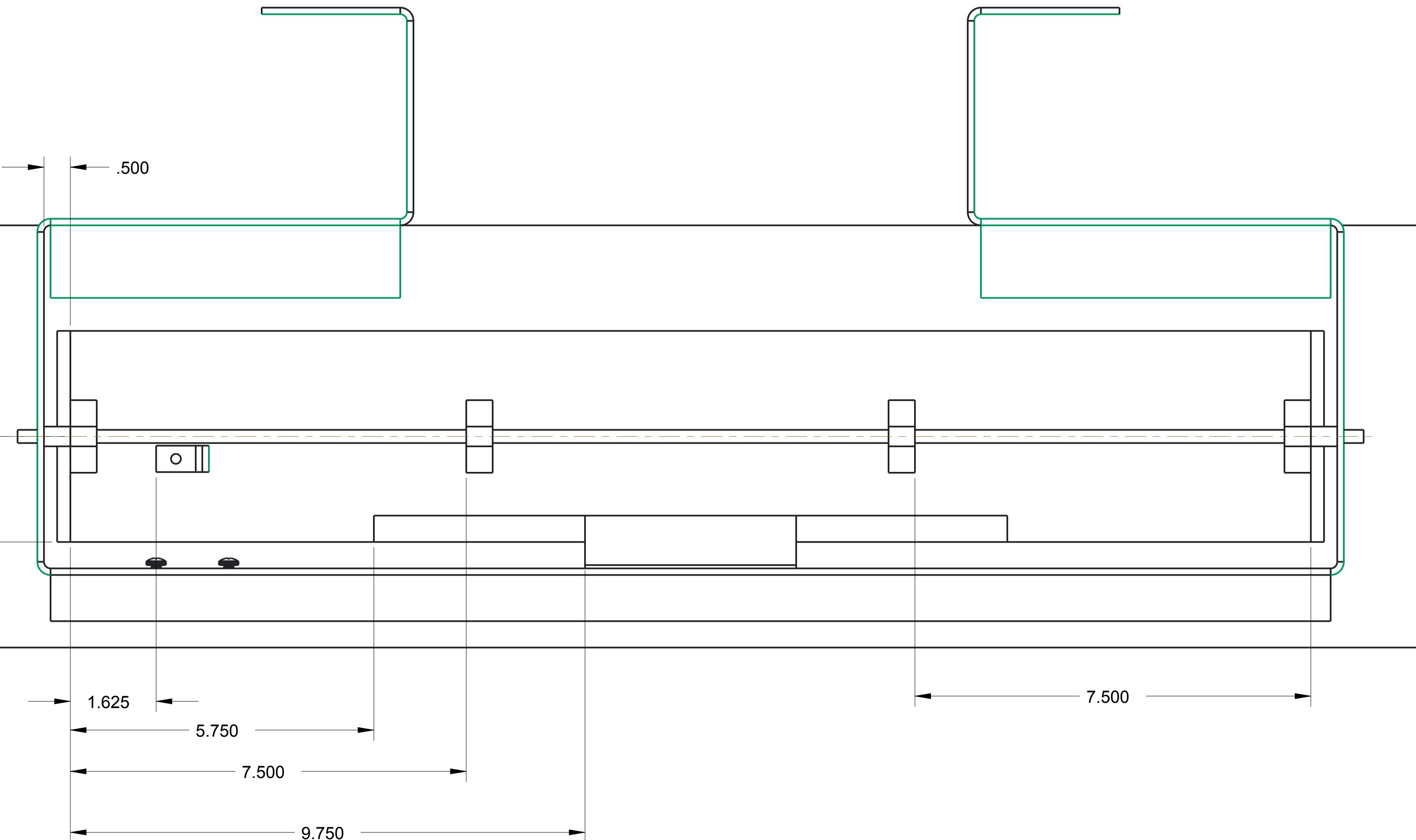
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DO NOT SCALE			Vision Target
PROJECT		MODEL NAME	GE-14046
ISSUE			

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MODEL NAME  
GE-14046TITLE  
Vision Target

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1		TITLE Vision Target	
DO NOT SCALE		PROJECT	MODEL NAME GE-14046
		ISSUE	

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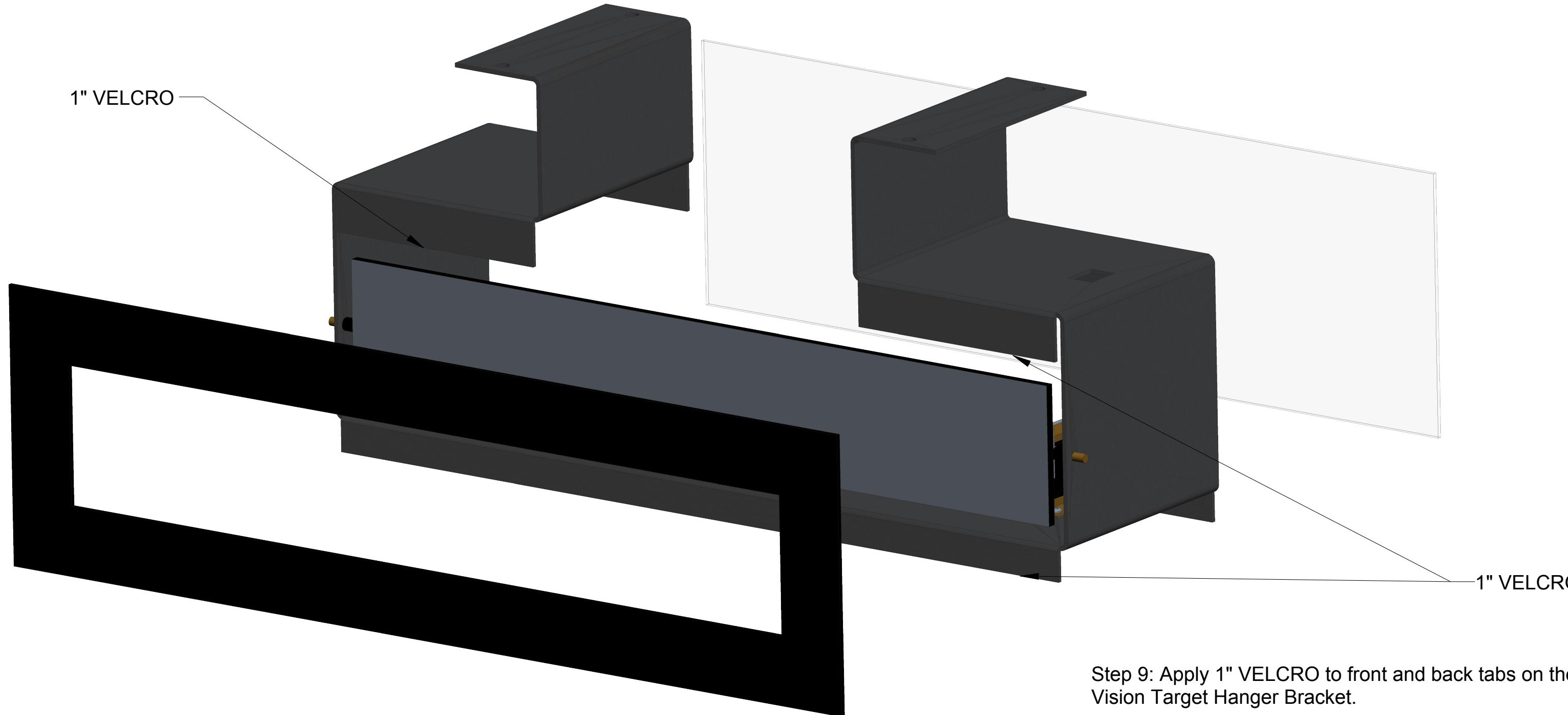
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MODEL NAME  
GE-14046TITLE  
Vision Target

1" VELCRO

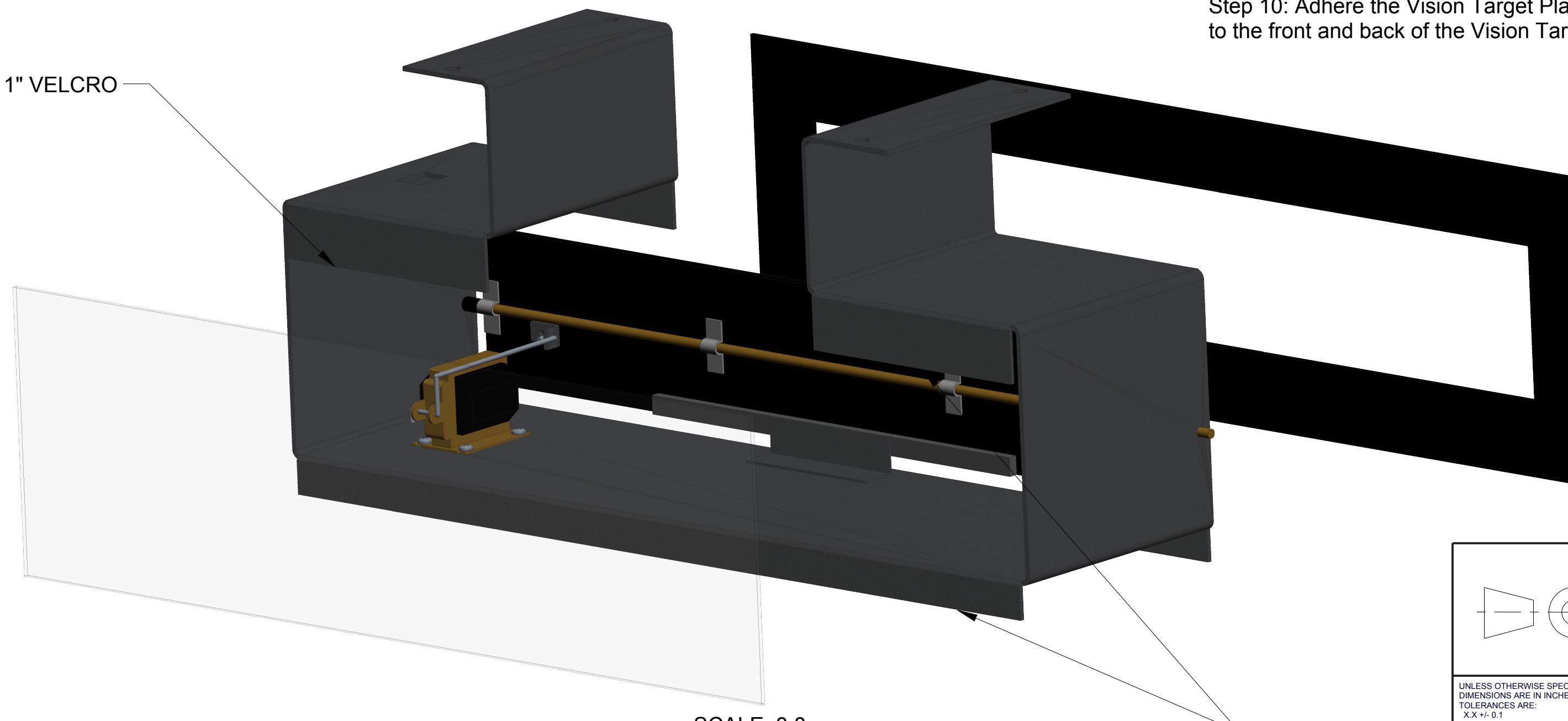


Step 9: Apply 1" VELCRO to front and back tabs on the Vision Target Hanger Bracket.

Locations are noted. (3 Places on front and 3 Places on Back)

Step 10: Adhere the Vision Target Plastic Surround and Safety Sheet to the front and back of the Vision Target respectively.

1" VELCRO



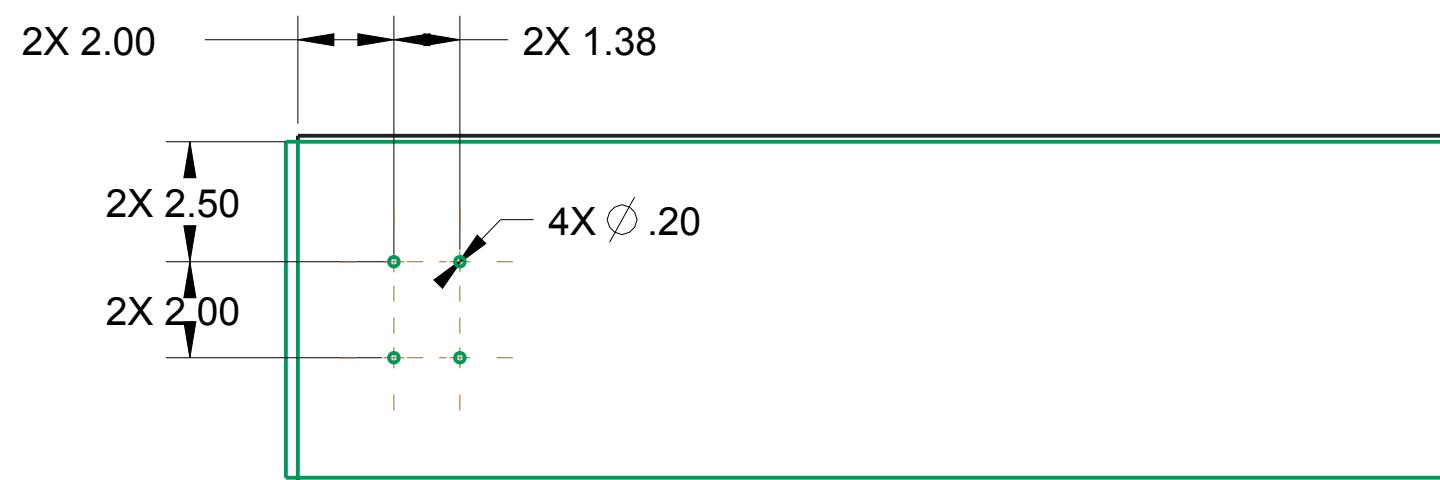
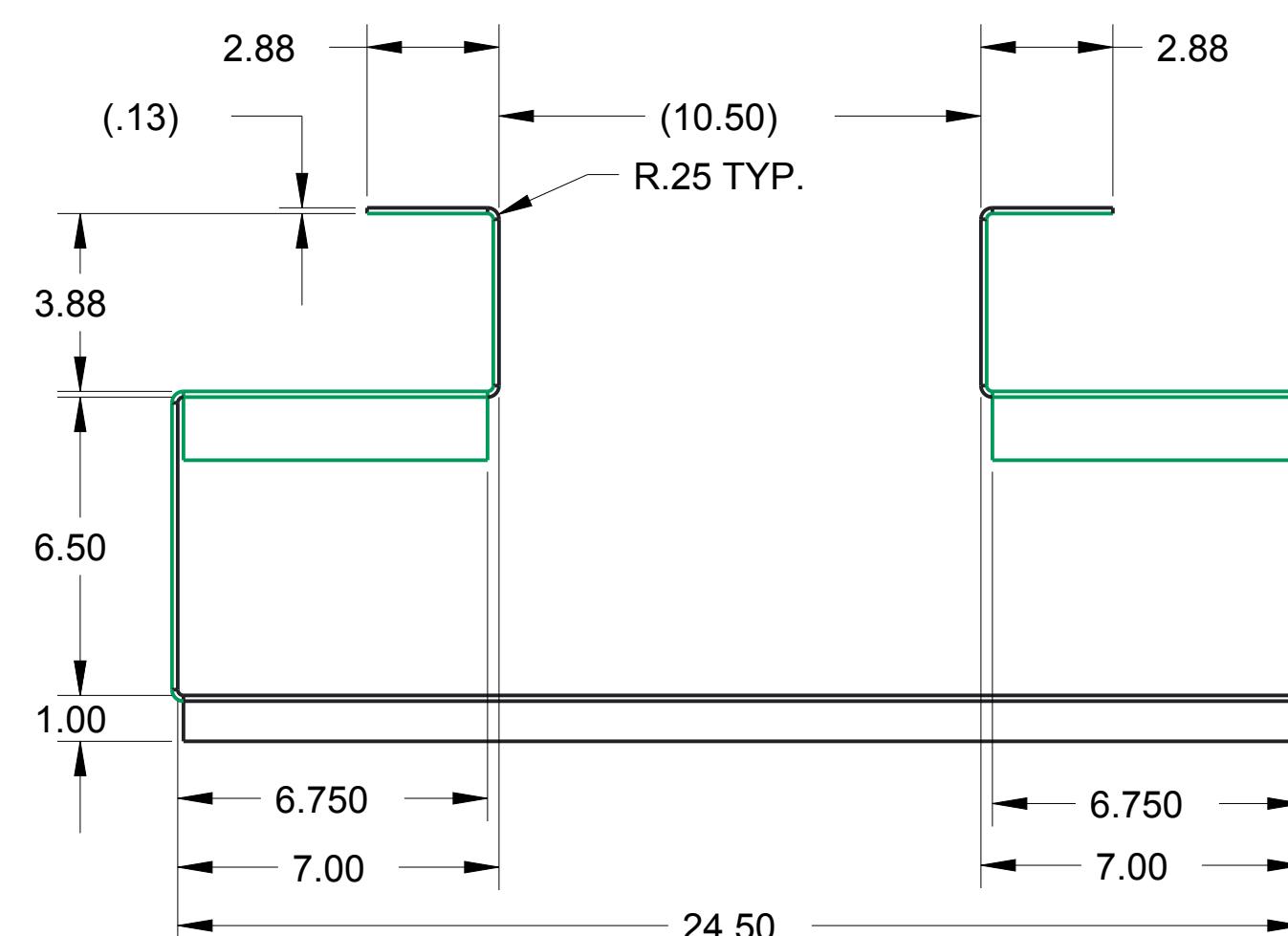
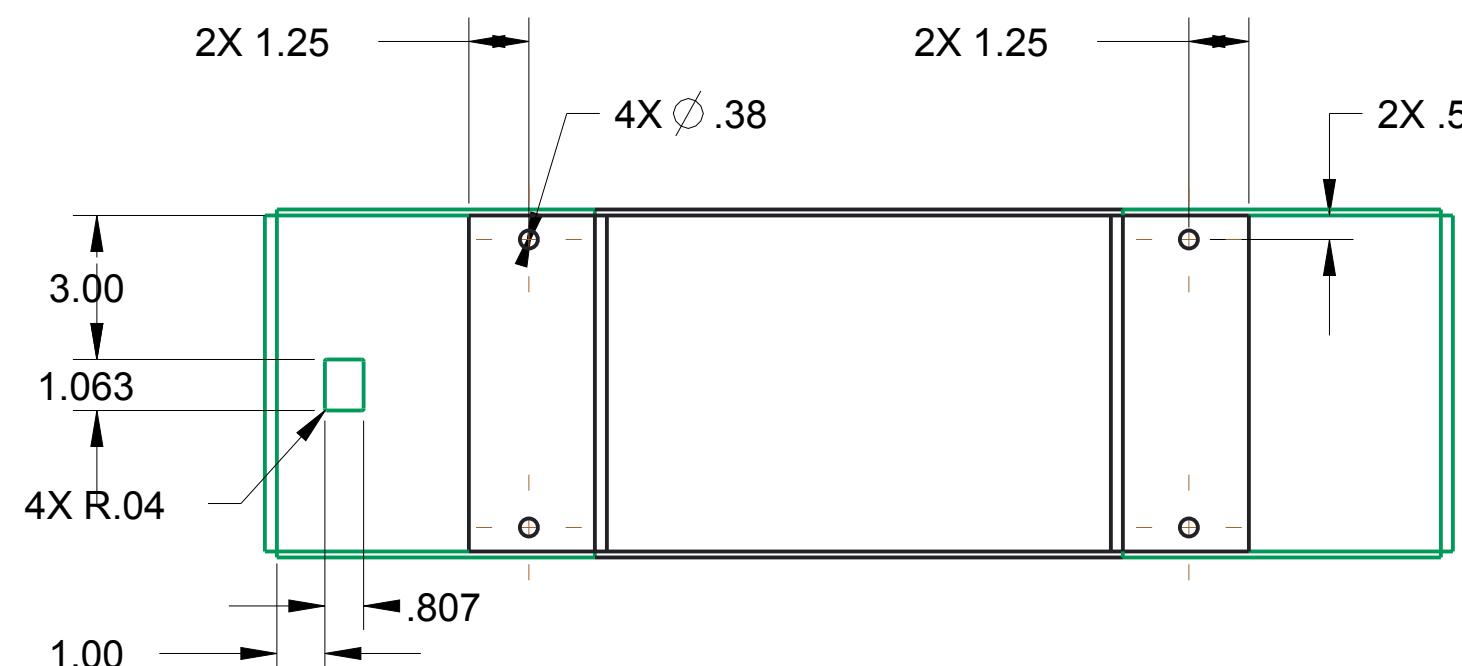
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1			TITLE
DO NOT SCALE			Vision Target
PROJECT		MODEL NAME	GE-14046
ISSUE			

1

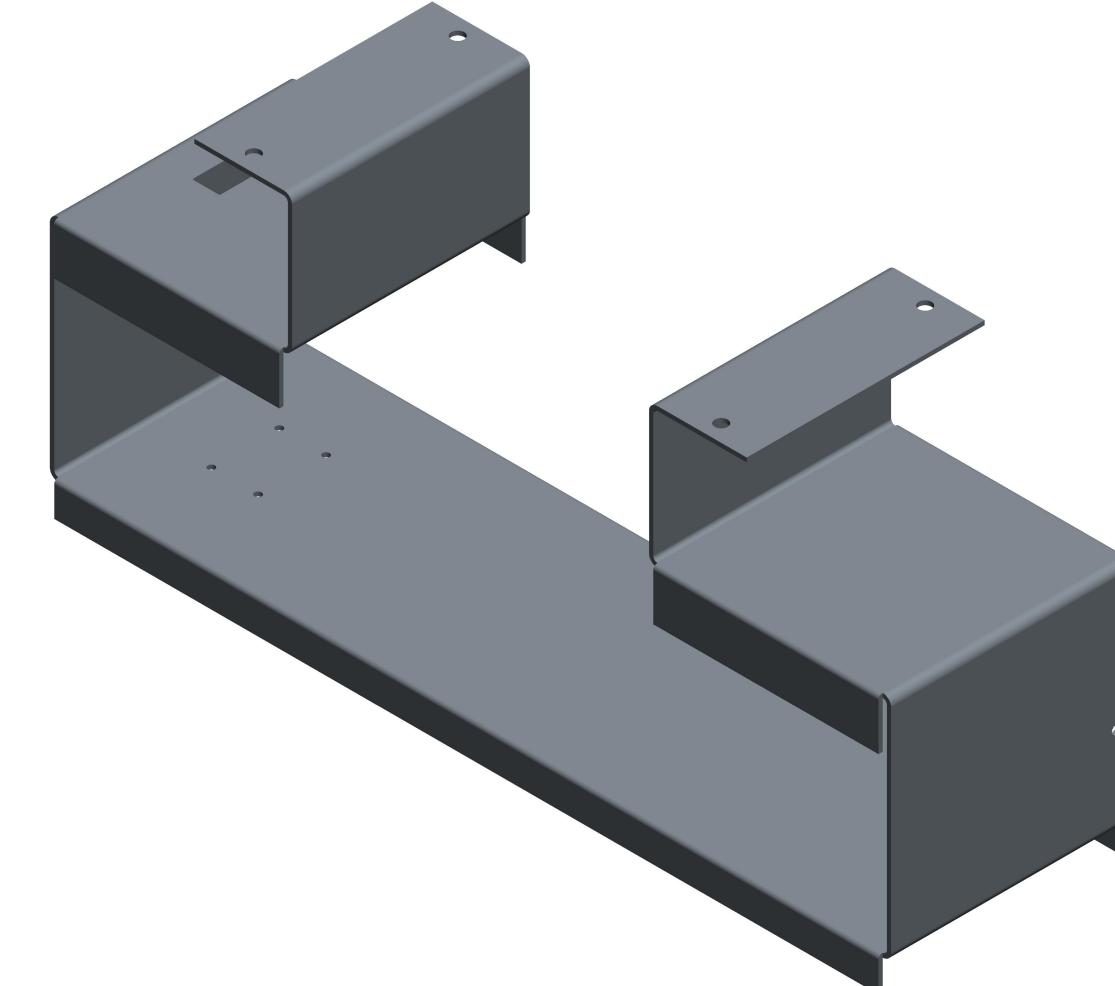
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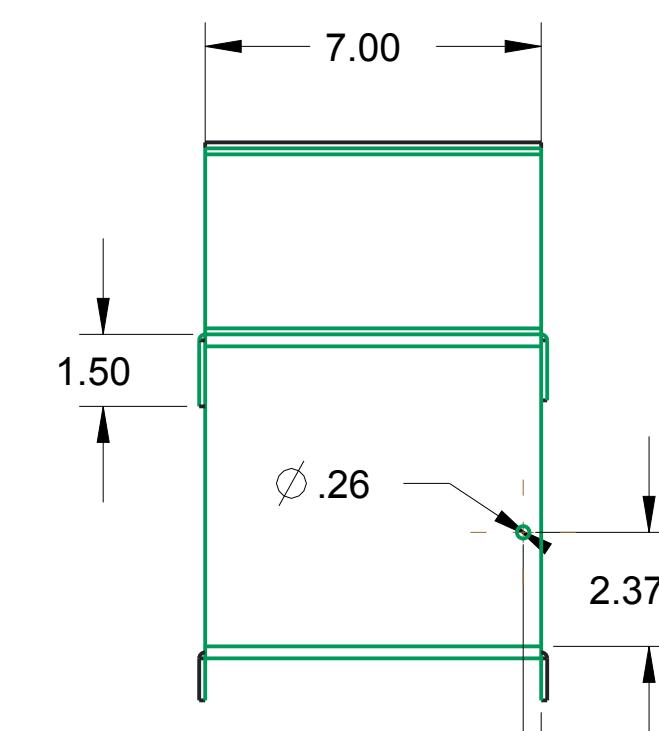
4

MODEL NAME  
GE-14047TITLE  
Vision Target Hanging Bracket

SCALE 1:4



SCALE 1:4



Item: GE-14047 Vision Target Hanging Bracket  
 Material: .125 Sheet, 5052 Aluminum  
 Quantity: 1  
 Scale: 3/8

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SHEET 1 OF 1			
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.X +/- 0.001 ANG +/- 1	TITLE Vision Target Hanging Bracket		
DO NOT SCALE	PROJECT	MODEL NAME	GE-14047
		ISSUE	

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MODEL NAME  
GE-14049TITLE  
Vision Target Face

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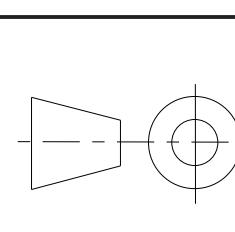
23.50

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SCALE 1:2

Note: Remove All Sharp Edges and Burrs  
Material: Black ABS Plastic

DO NOT SCALE  
UNLESS OTHERWISE SPECIFIED ALL  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
XX +/- 0.1  
XXX +/- 0.01  
XXXX +/- 0.001  
ANG +/- 1



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SCALE 1:6	SHEET 1 OF 1

TITLE  
Vision Target Face

PROJECT MODEL NAME  
GE-14049 ISSUE

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MODEL NAME  
GE-14051TITLE  
Vision Target Plastic Surround

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SCALE 1:8

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Note: Remove All Sharp Edges and Burrs.  
 Material: Black ABS Plastic

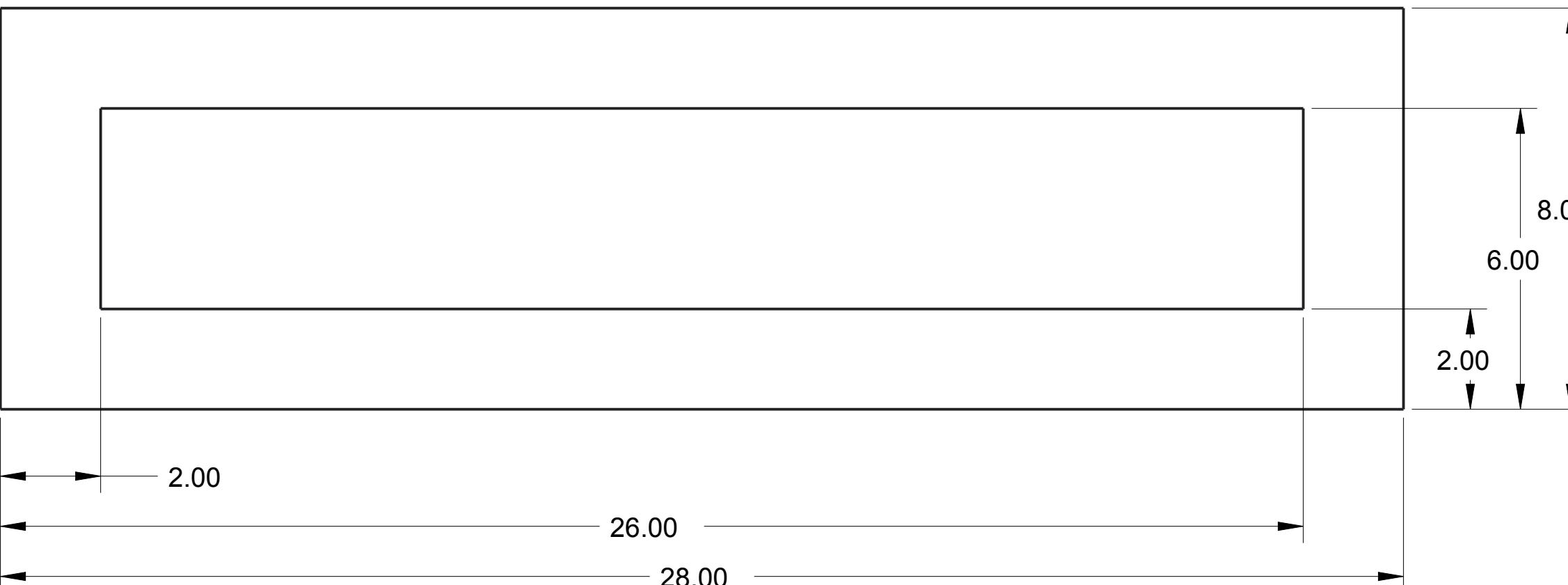
SCALE 3:8

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		APPROVED BY	DATE
SCALE 1:8			SHEET 1 OF 1
DO NOT SCALE	TITLE	Vision Target Plastic Surround	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1	PROJECT	MODEL NAME	ISSUE
		GE-14051	

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MODEL NAME  
GE-14055TITLE  
Vision Target Safety Shield

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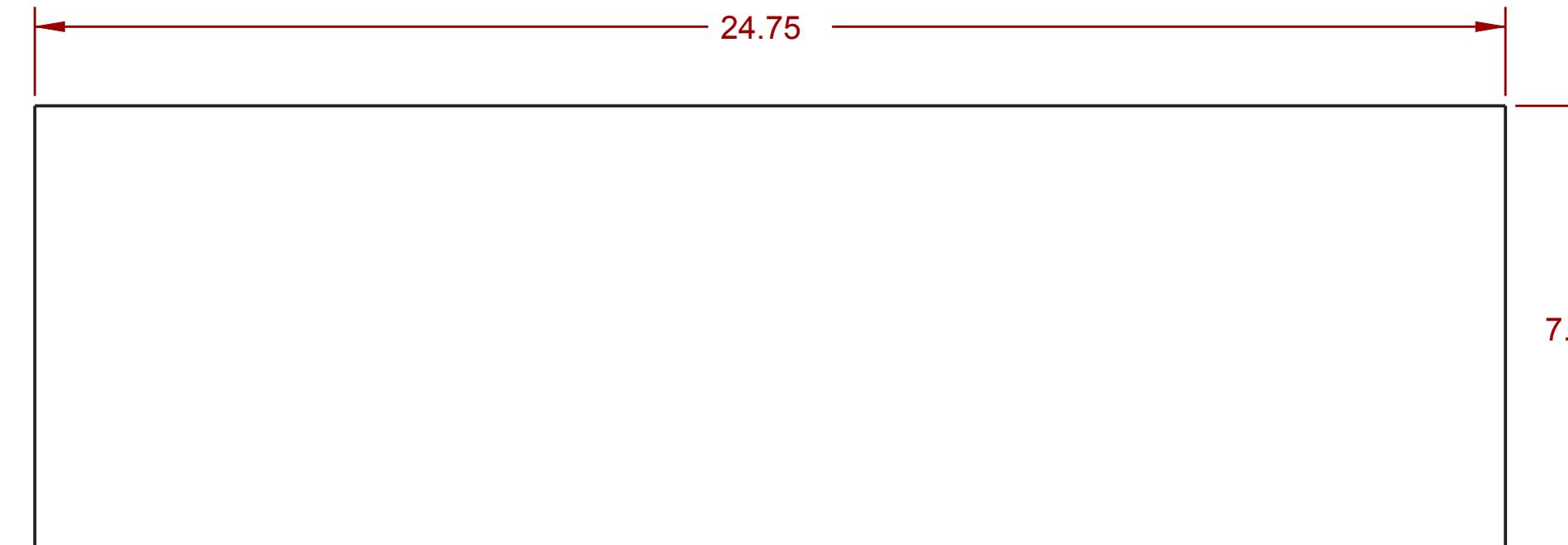
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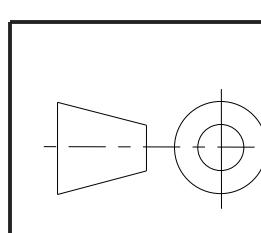
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Item: Vision Target Safety Shield  
Material: .125" Clear Polycarbonate  
Qty: 1  
Scale: 3/8

SCALE 1:4



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CHECKED BY	DATE
APPROVED BY	DATE
SCALE 9:64	SHEET 1 OF 1

DO NOT SCALE

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TOLERANCES ARE:  
XX +/- 0.1  
XXX +/- 0.01  
XXXX +/- 0.001  
ANG +/- 1

TITLE  
Vision Target Safety ShieldPROJECT  
MODEL NAME  
GE-14055

MODEL NAME  
GE-14063

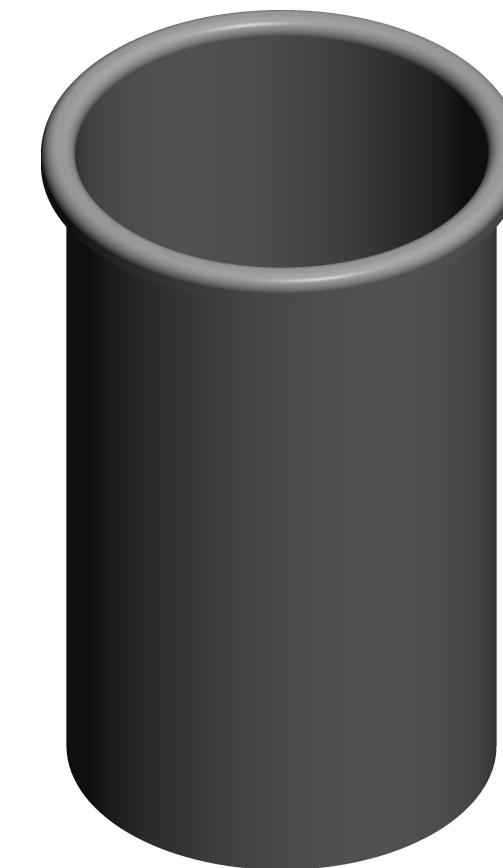
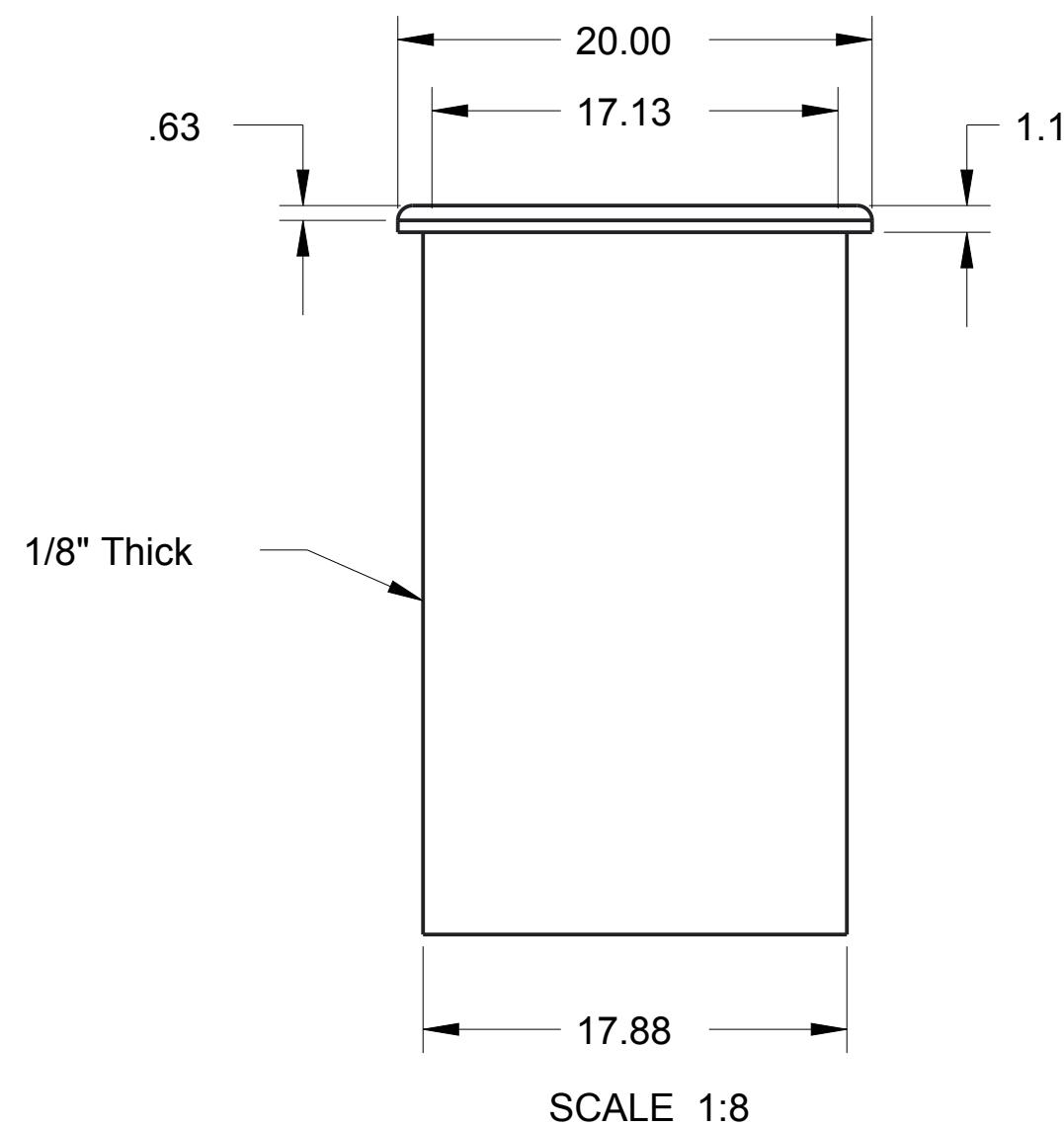
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Pedestal



SCALE 1:8

Item: Pedestal  
Material: Polyethylene

Note:  
Item No. US Plastics PN: 4031  
Description: Tamco 30 Gallon Polyethylene Tank

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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:12	SHEET 1 OF 1
DO NOT SCALE	TITLE Pedestal		
PROJECT	MODEL NAME GE-14063		

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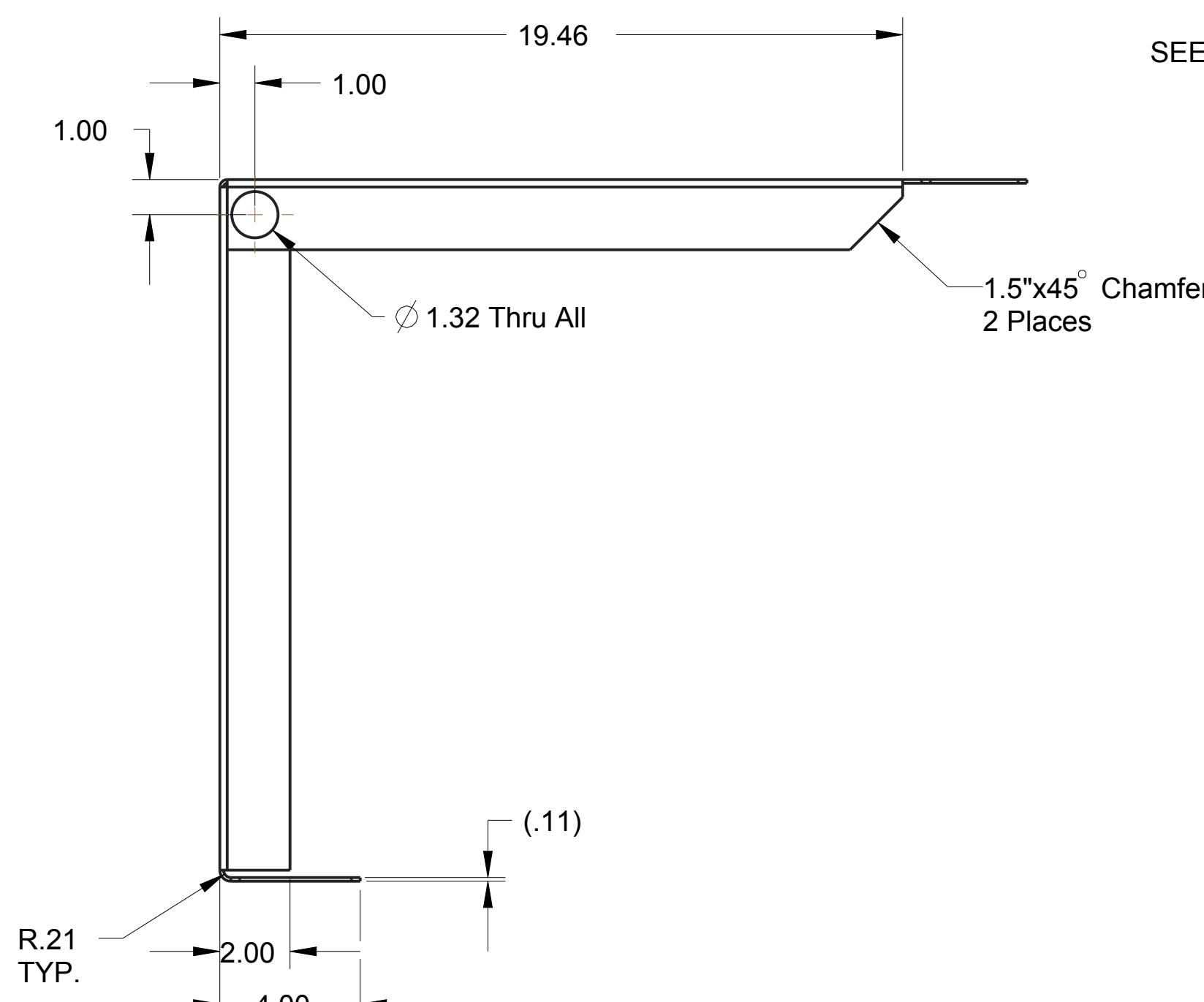
MODEL NAME  
GE-14076TITLE  
End Bracket, Human Player Barrier

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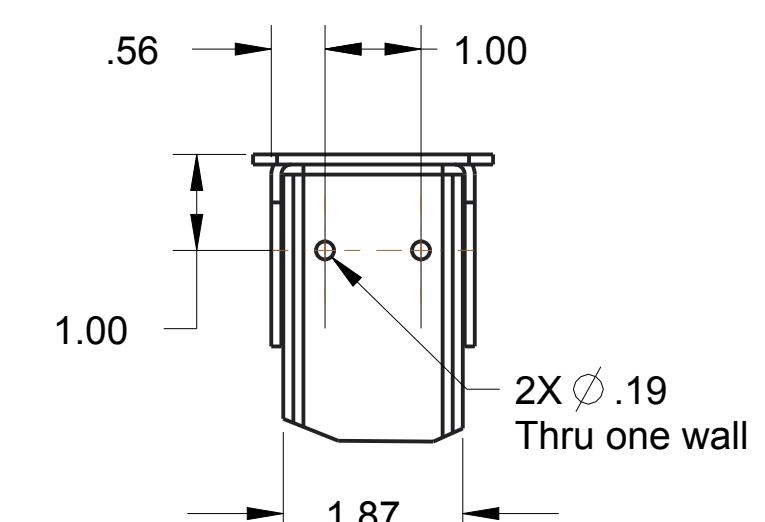
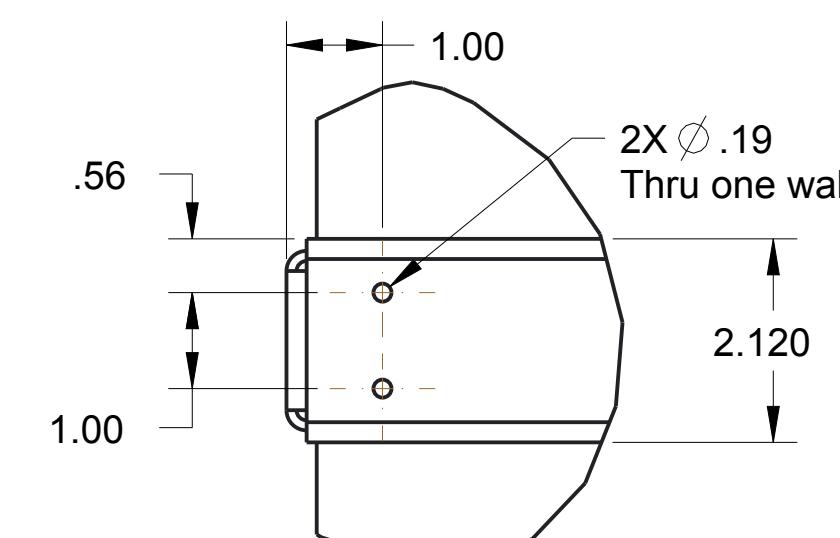
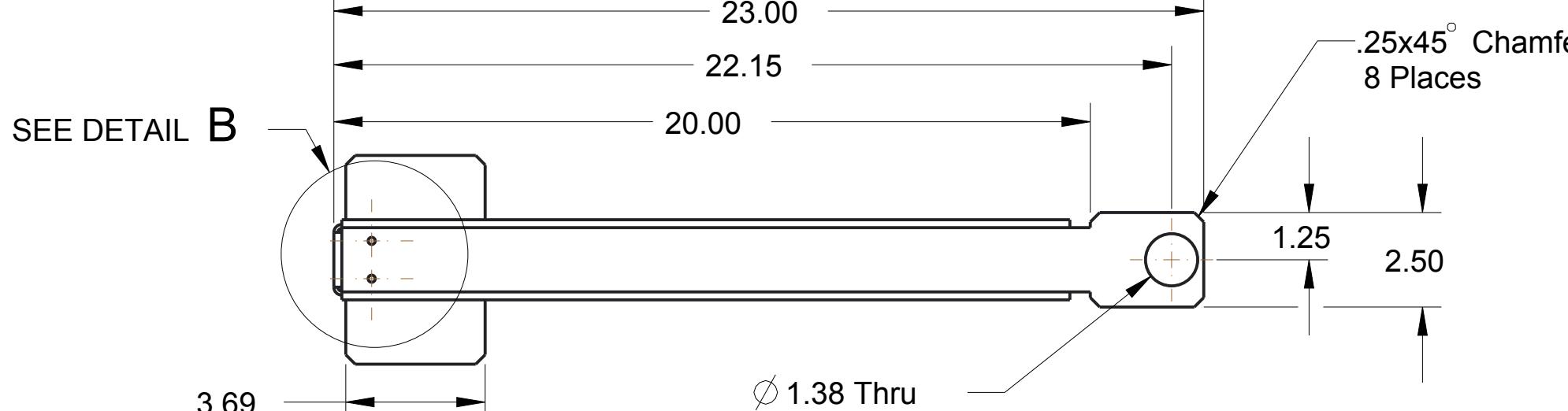
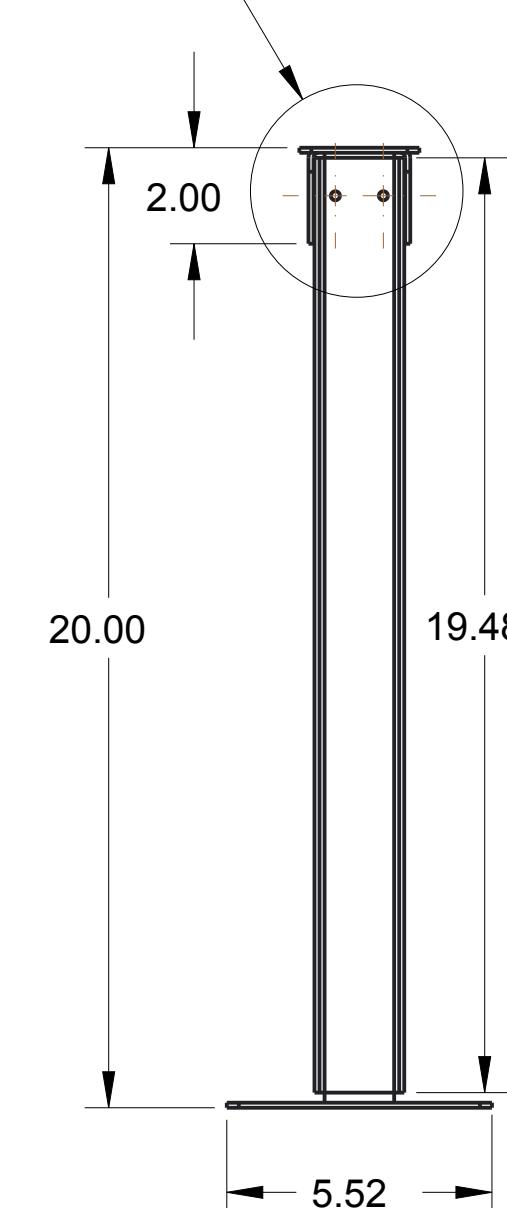
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SEE DETAIL A

DETAIL B  
SCALE 1:2

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		APPROVED BY	DATE
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TITLE End Bracket, Human Player Barrier			SHEET 1 OF 1
PROJECT			MODEL NAME GE-14076
DO NOT SCALE			ISSUE

## Notes:

1. Material: 9 Gage Sheet, 5052 Aluminum
2. Remove all burrs and sharp edges

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MODEL NAME  
GE-14077TITLE  
Bracket, Human Player Barrier

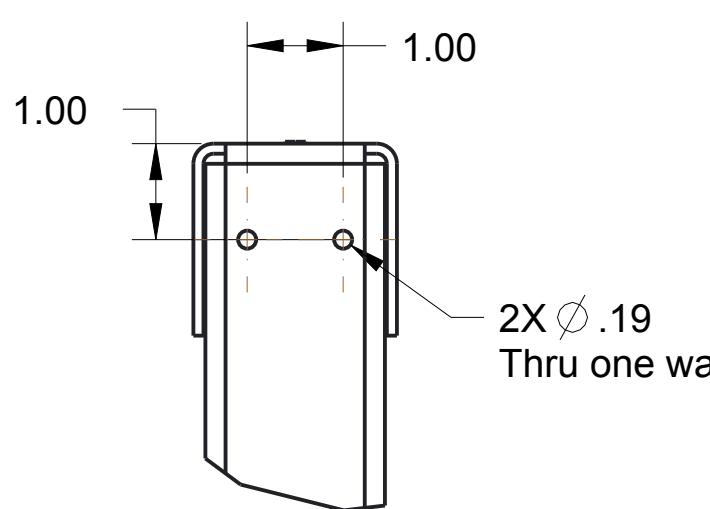
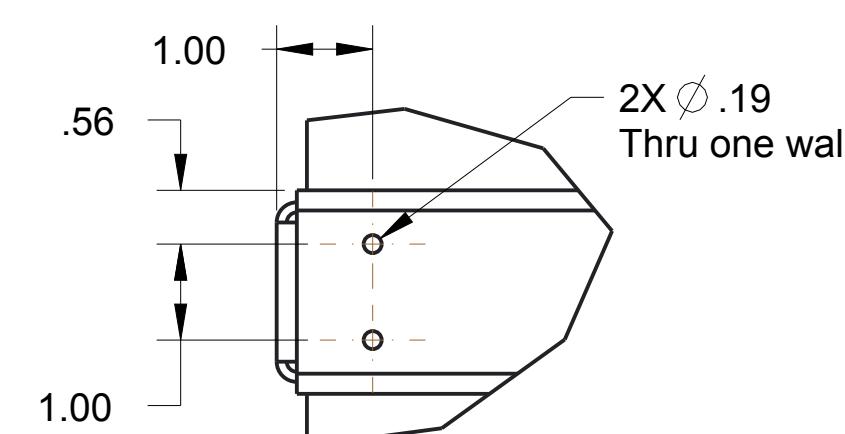
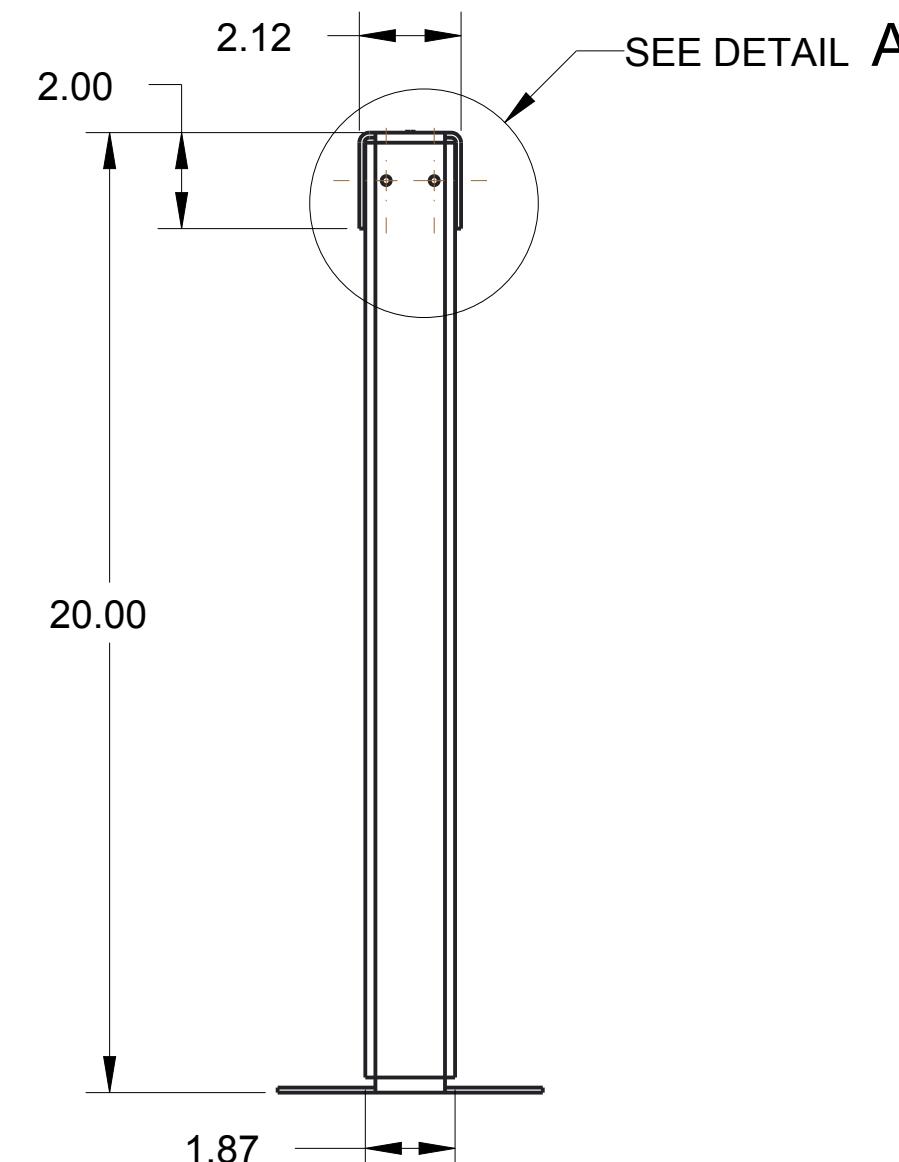
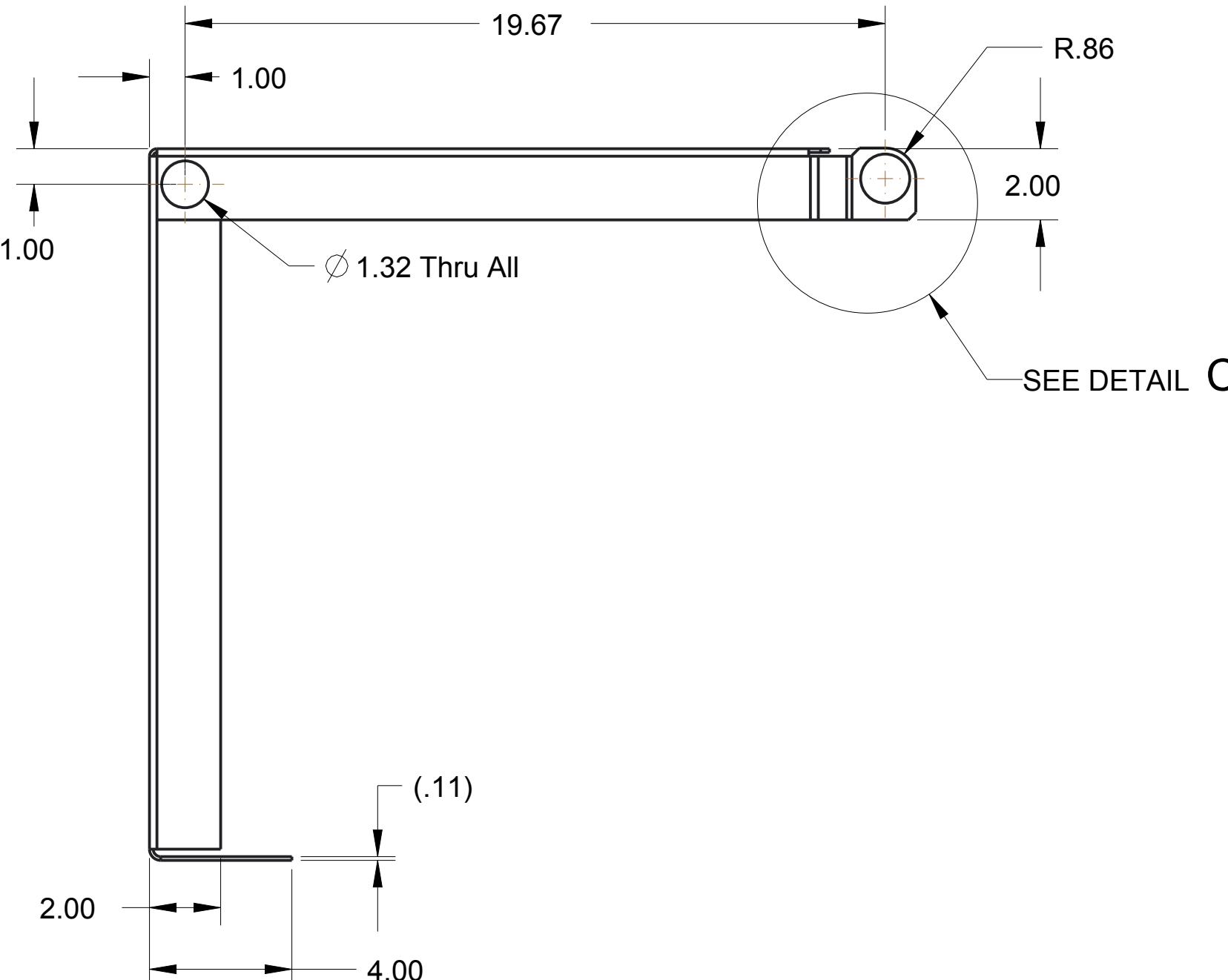
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DETAIL B  
SCALE 1:2

DETAIL C  
SCALE 1:2

Notes:  
1. Material: 9 Gage Sheet, 5052 Aluminum  
2. Remove all burrs and sharp edges

DETAIL A  
SCALE 1:2

		DRAWN BY	DATE
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		APPROVED BY	DATE
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DO NOT SCALE	TITLE Bracket, Human Player Barrier PROJECT MODEL NAME GE-14077 ISSUE		

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MODEL NAME  
GE-14079

TITLE  
Insert Pipe, Human Player Barrier

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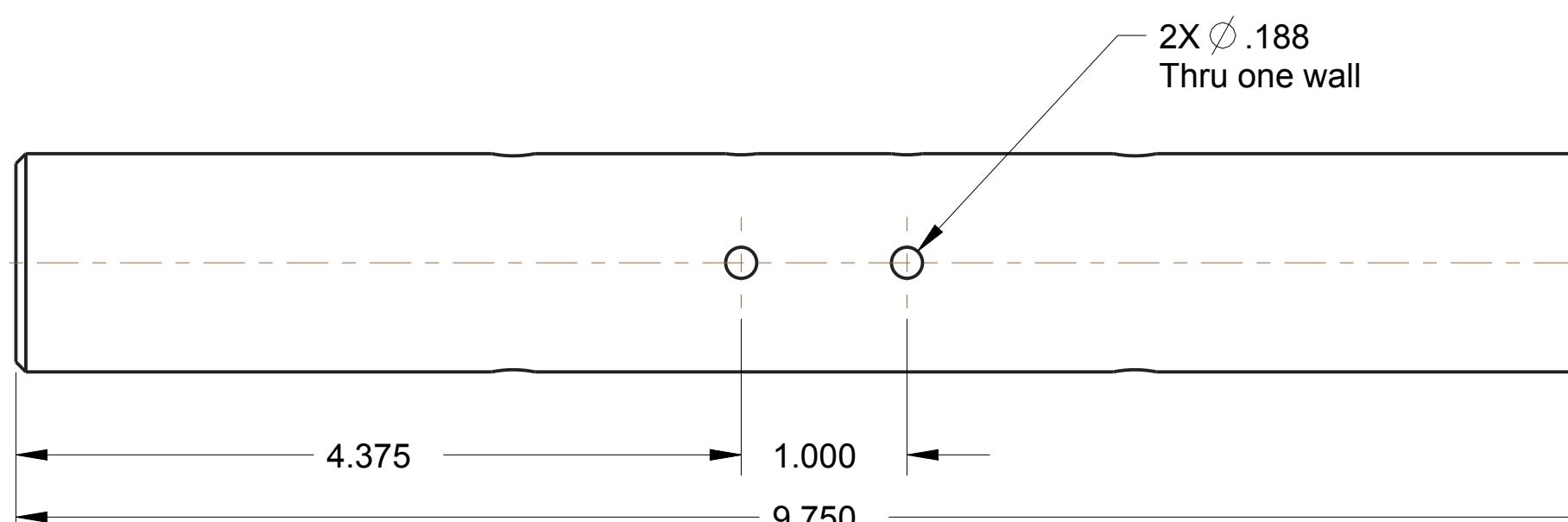
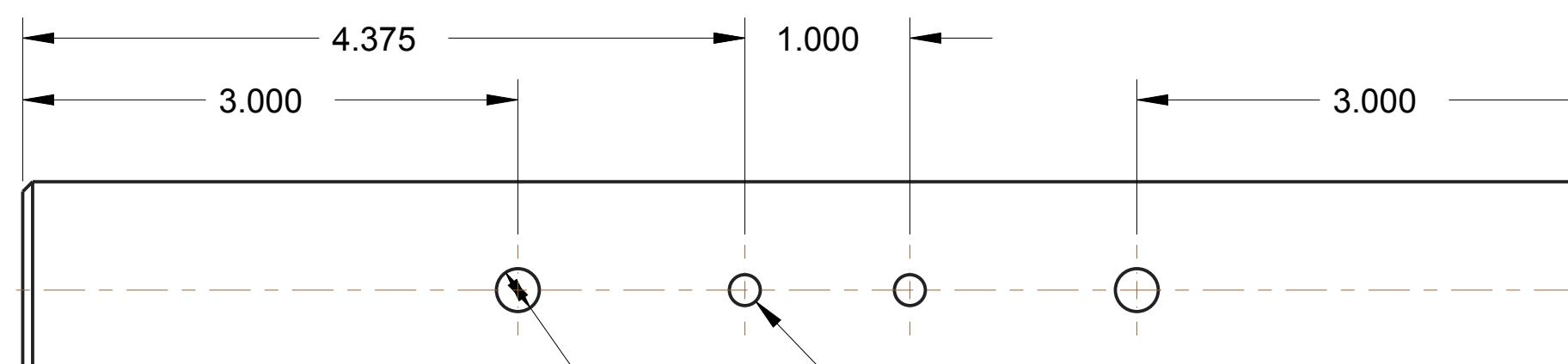
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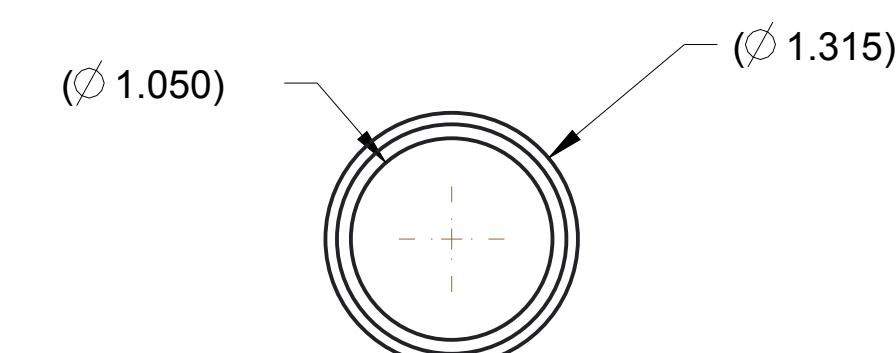
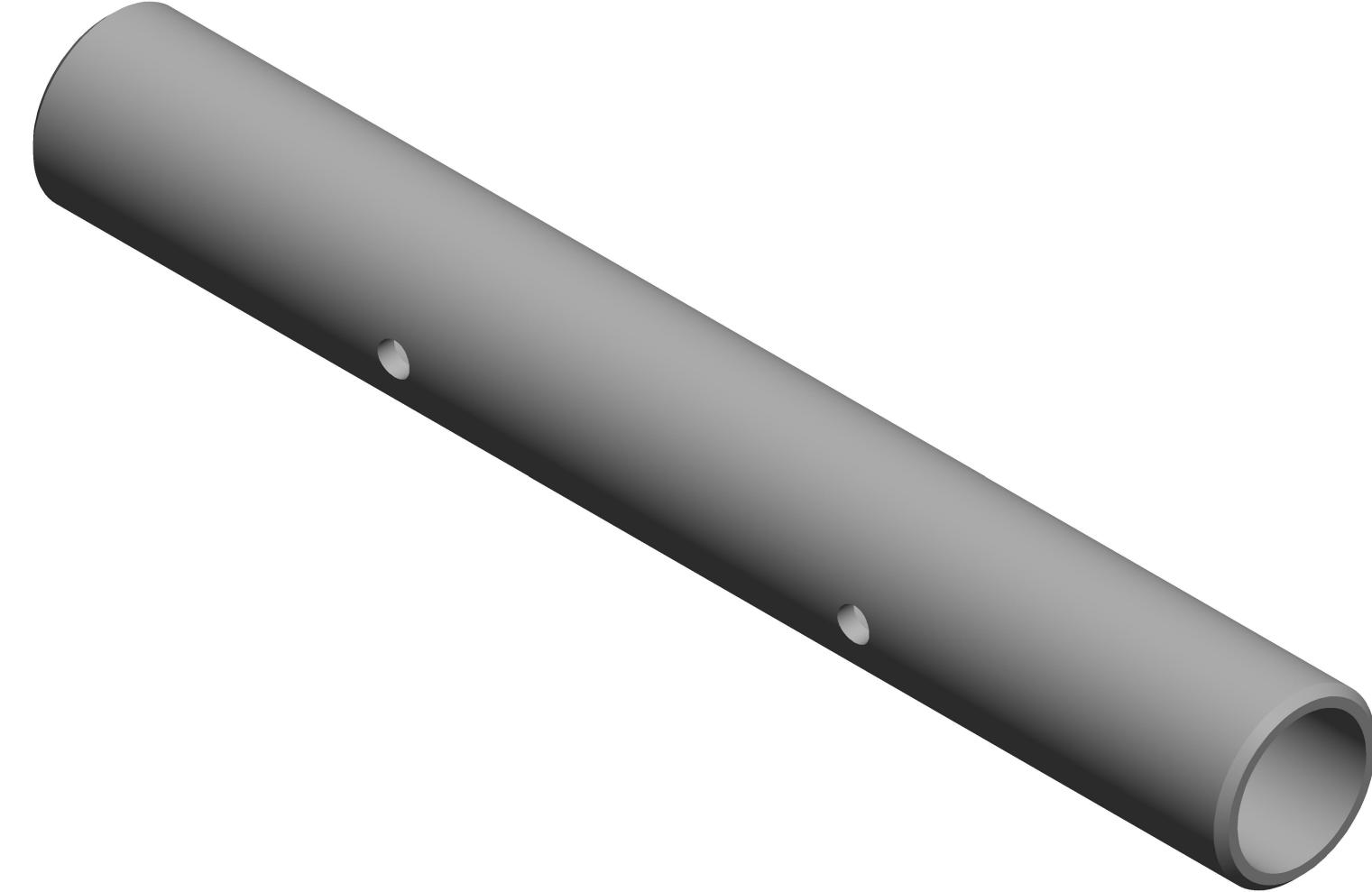
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## Notes:

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



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		APPROVED BY	DATE
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SHEET 1 OF 1			
DO NOT SCALE	TITLE Insert Pipe, Human Player Barrier		
PROJECT	MODEL NAME	GE-14079	ISSUE

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MODEL NAME  
GE-14080

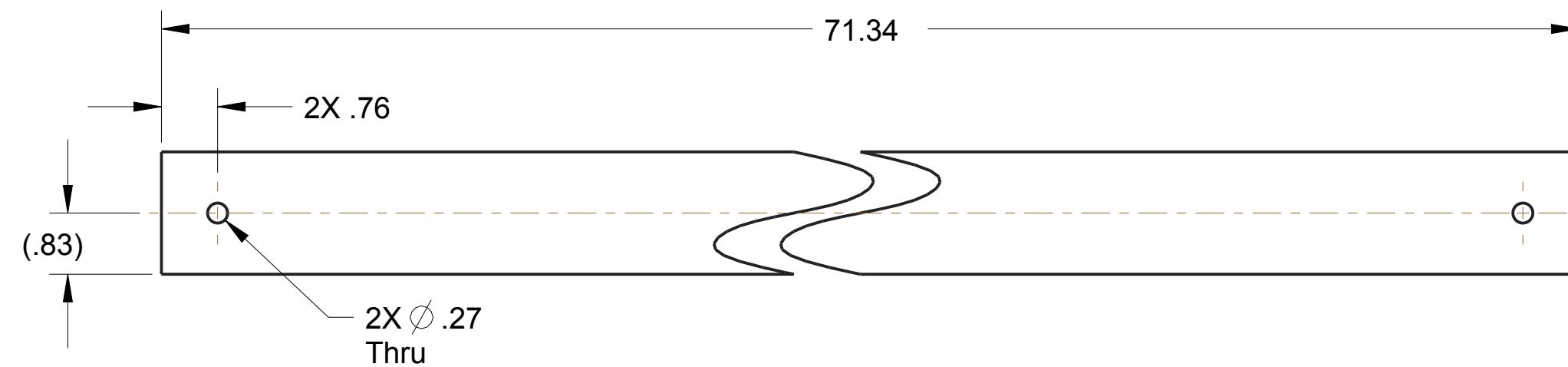
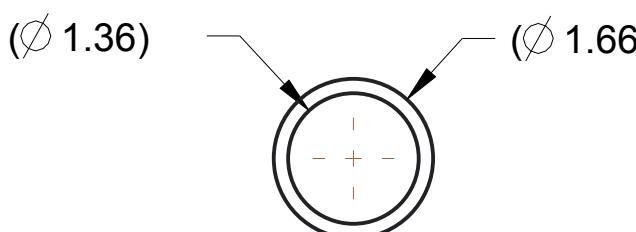
TITLE  
Long Pipe, Human Player Barrier

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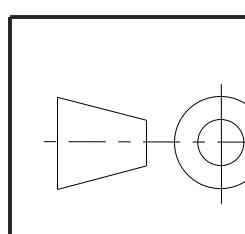
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Notes:

1. Material: 1.25" Schedule 40 Pipe, 6061 Aluminum
2. Remove all burrs and sharp edges.



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
XX +/- 0.1  
XXX +/- 0.01  
XXXX +/- 0.001  
ANG +/- 1  
  
DO NOT SCALE

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CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:2	SHEET 1 OF 1
TITLE Long Pipe, Human Player Barrier	
PROJECT	MODEL NAME GE-14080
	ISSUE

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MODEL NAME  
GE-14081

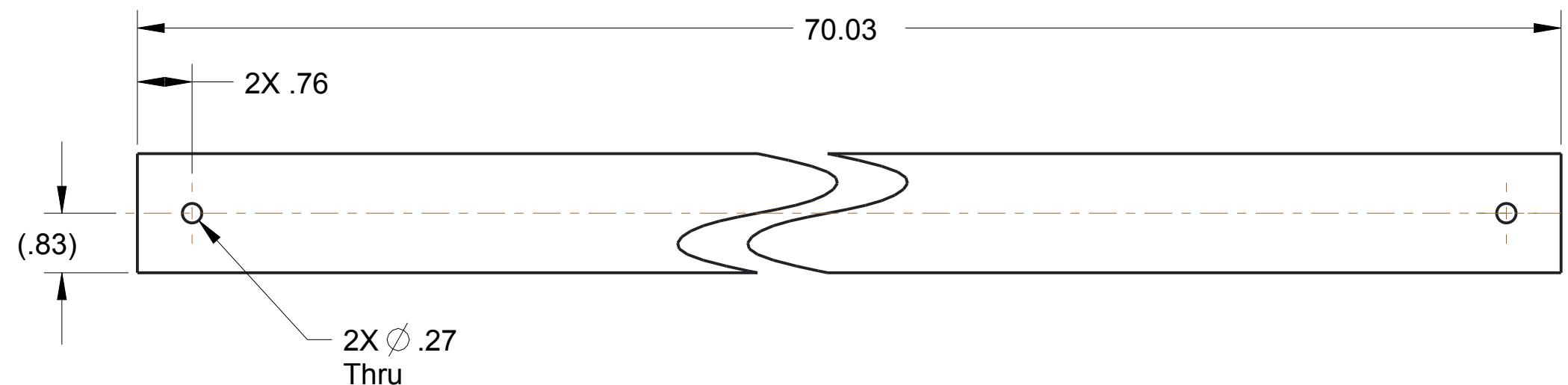
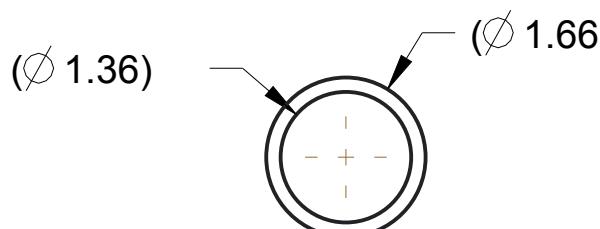
TITLE  
Short Pipe, Human Player Barrier

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- Notes:
1. Material: 1.25" Schedule 40 Pipe, 6061 Aluminum
  2. Remove all burrs and sharp edges

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1	DO NOT SCALE	TITLE Short Pipe, Human Player Barrier
PROJECT	MODEL NAME GE-14081	ISSUE

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MODEL NAME  
GE-14082

TITLE  
Short Insert Pipe, HPB

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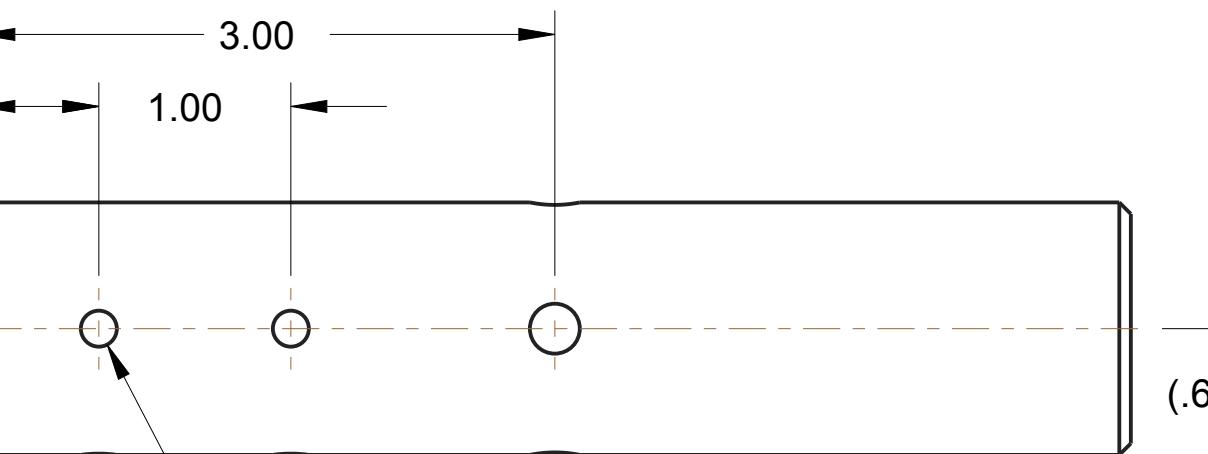
4

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.63

3.00

1.00



C

4X Ø .19  
Thru one wall

2X Ø .26  
Thru all

(.66)

(.66)

B

.63

1.00

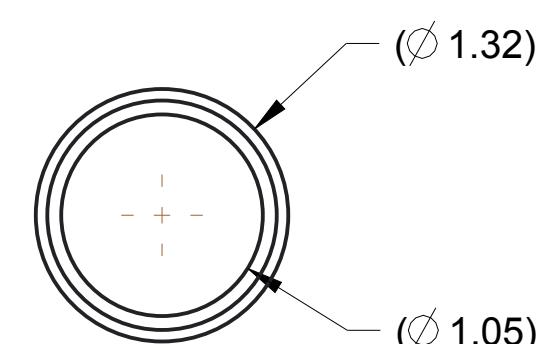
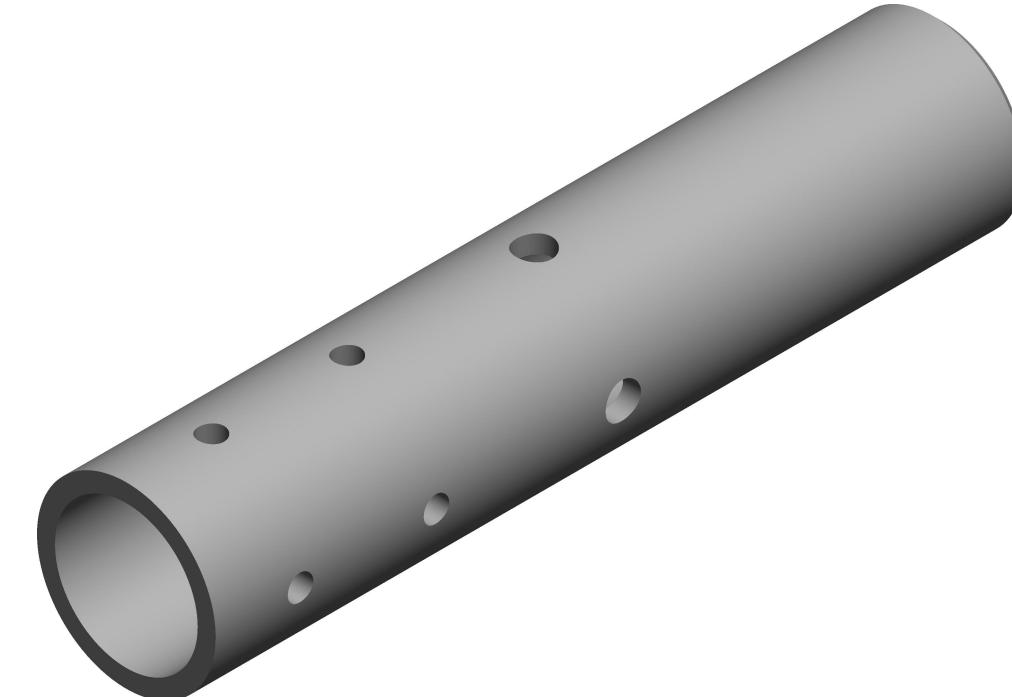
3.00

6.00

A

Notes:

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



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TITLE		Short Insert Pipe, HPB	
PROJECT		MODEL NAME	GE-14082
ISSUE			

1

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4

MODEL NAME  
GE-14083

TITLE  
End Bracket Assembly, Right

1

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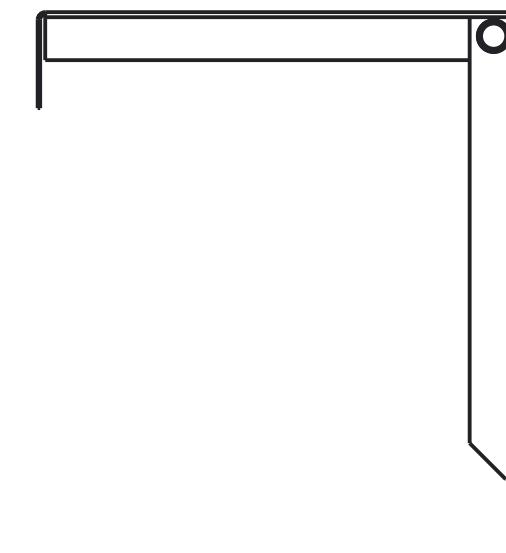
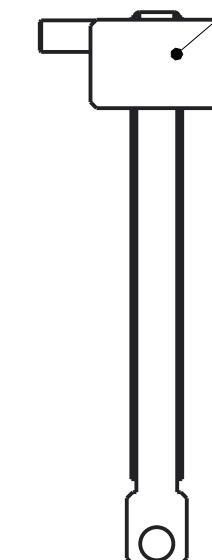


Rivet Item 2 and Item 1 together  
using a 3/16" dia. aluminum pop  
rivet. 4 places.

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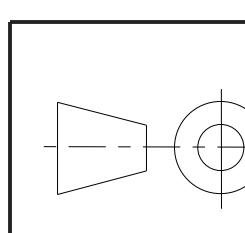
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Apply 4" Hook Velcro  
to this surface.

SCALE 1:8

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-14076	1	End Bracket, Human Player Barrier	
2	GE-14082	1	Short Insert Pipe, Human Player Barrier	



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APPROVED BY	DATE

SCALE 1:4 SHEET 1 OF 1

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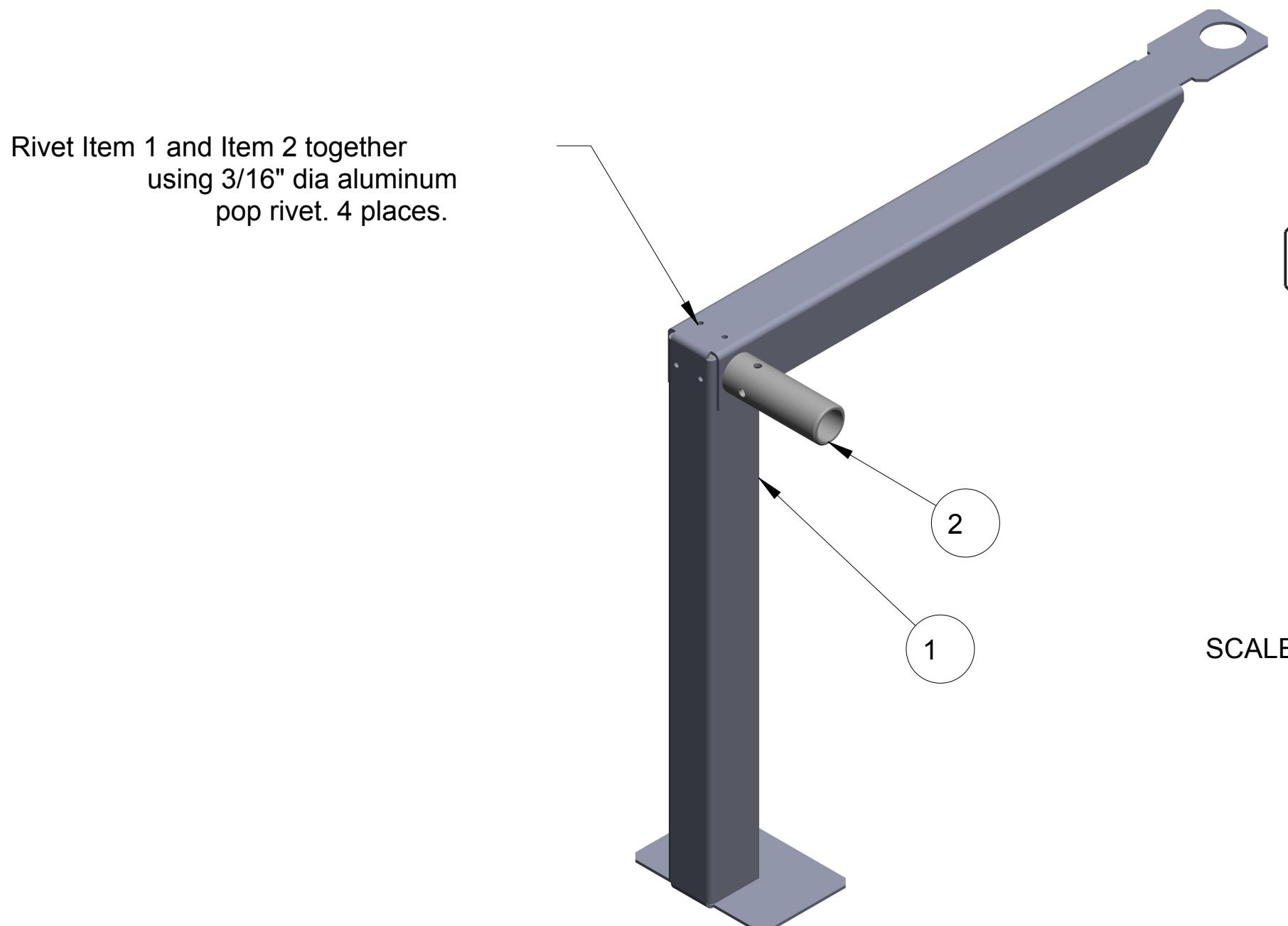
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DIMENSIONS ARE IN INCHES.  
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XX +/- 0.1  
XXX +/- 0.01  
XXXX +/- 0.001  
ANG +/- 1

TITLE  
End Bracket Assembly, Right

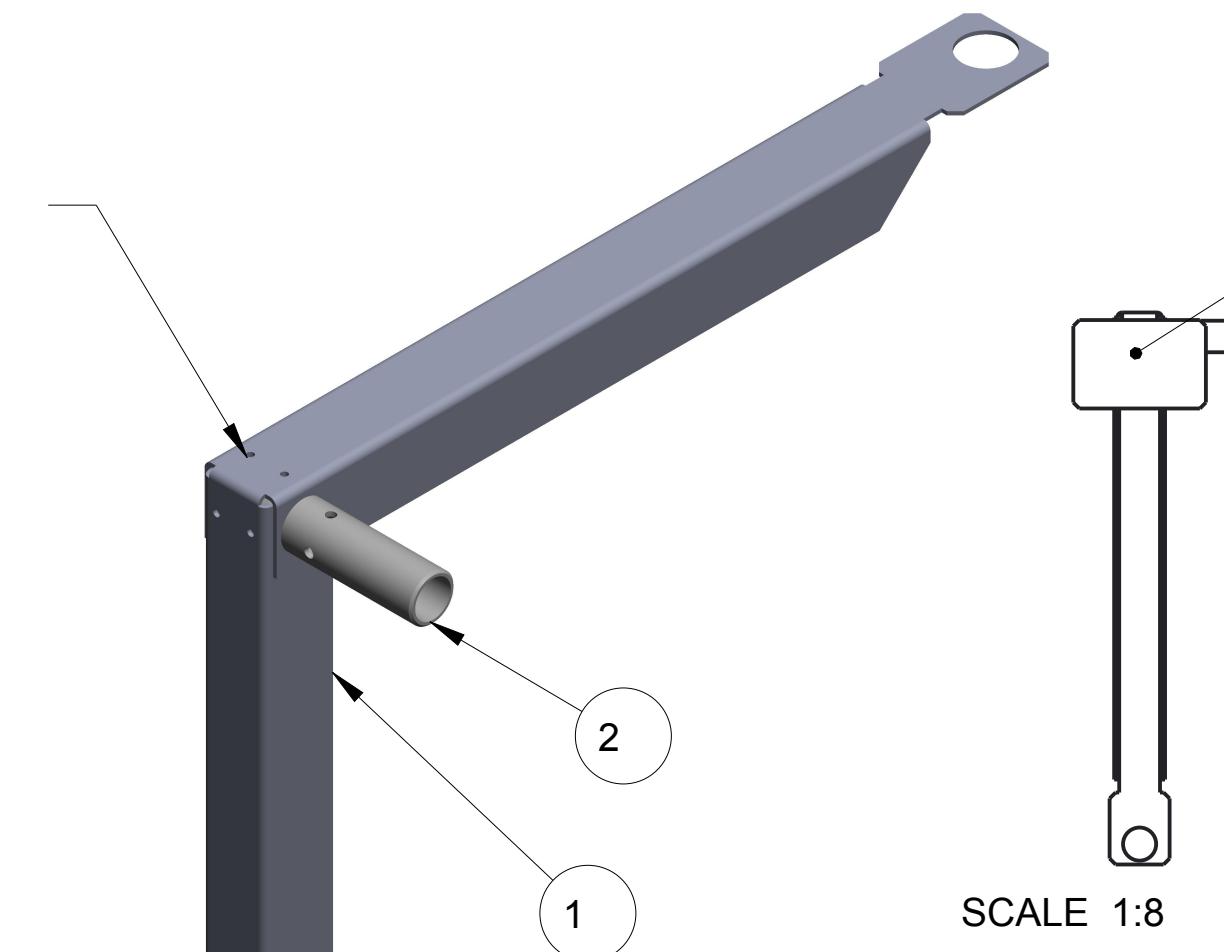
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MODEL NAME  
GE-14083

ISSUE

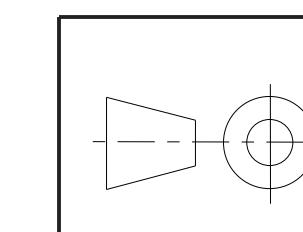
MODEL NAME  
GE-14084TITLE  
End Bracket Assembly, Left

Rivet Item 1 and Item 2 together  
using 3/16" dia aluminum  
pop rivet. 4 places.



SCALE 1:8

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-14076	1	End Bracket, Human Player Barrier	
2	GE-14082	1	Short Insert Pipe, Human Player Barrier	



UNLESS OTHERWISE SPECIFIED ALL  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
XX +/- 0.1  
XXX +/- 0.01  
XXXX +/- 0.001  
ANG +/- 1

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SCALE 1:4 SHEET 1 OF 1

TITLE  
End Bracket Assembly, Left

PROJECT	MODEL NAME GE-14084	ISSUE
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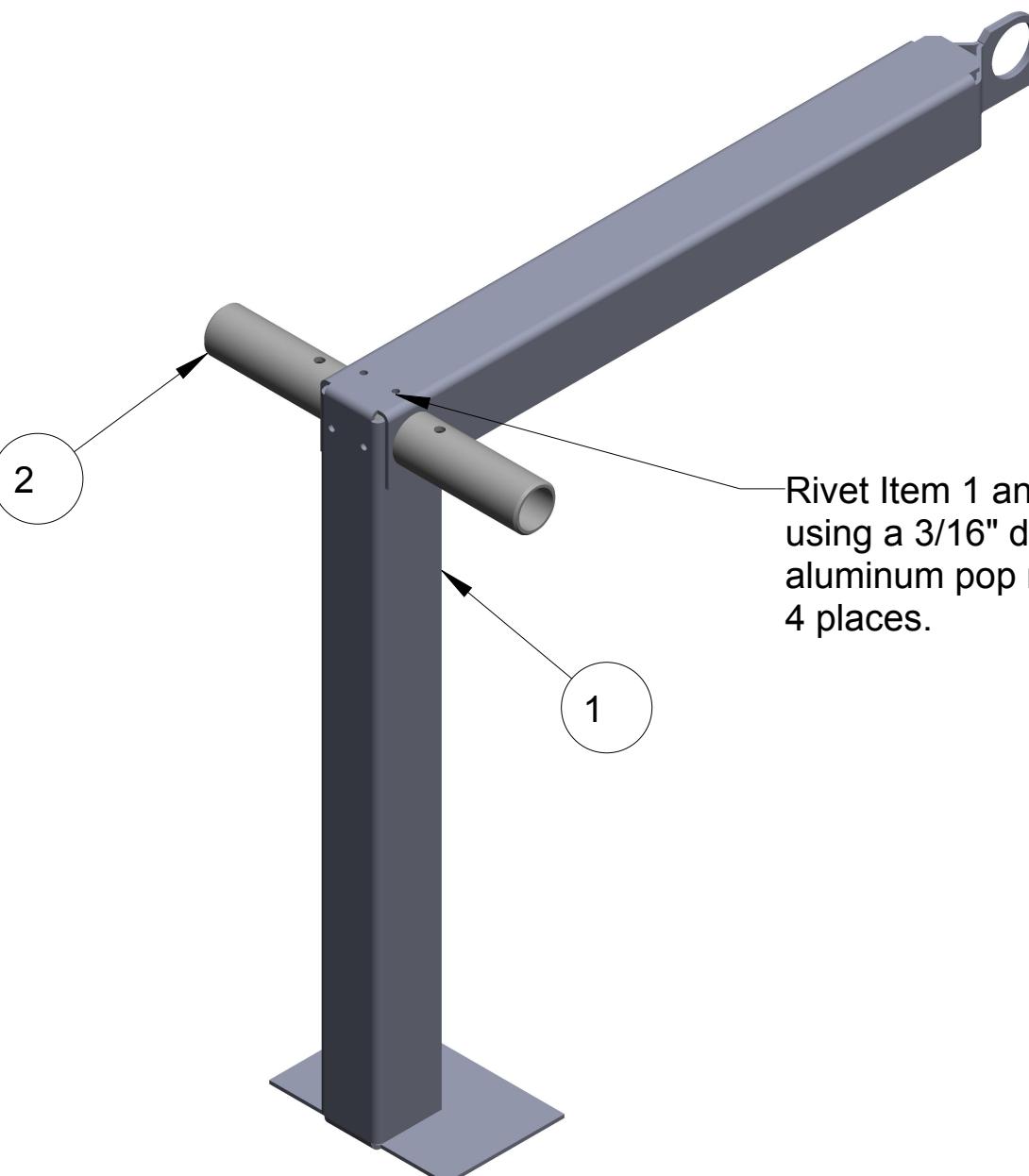
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MODEL NAME  
GE-14085

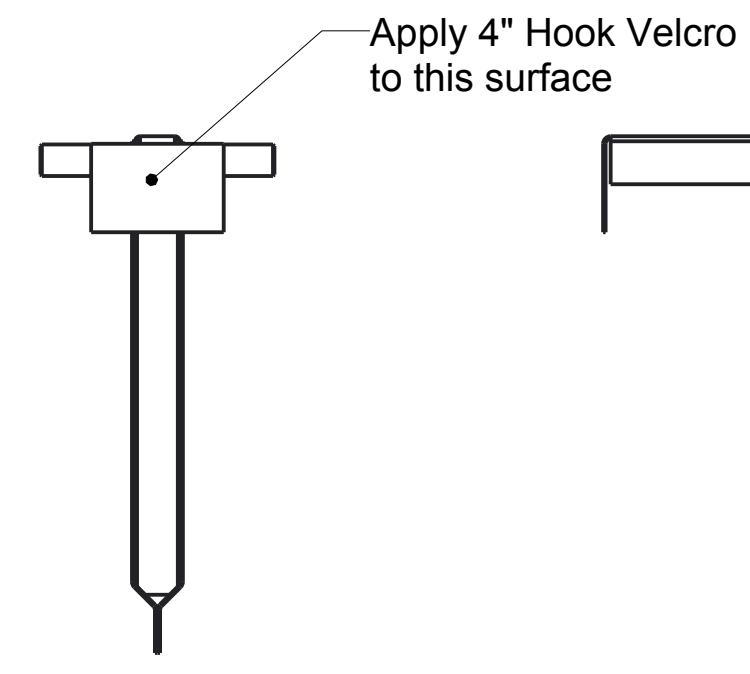
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TITLE  
Bracket Assembly, Center

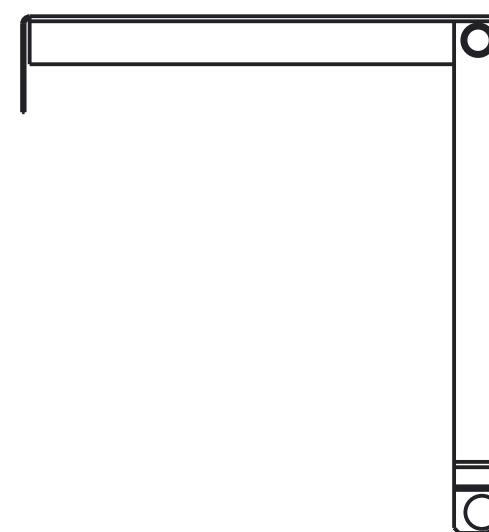
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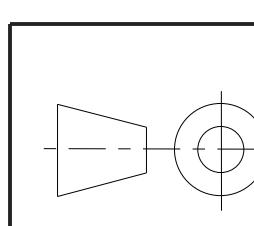


4



SCALE 1:8

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-14077	1	Bracket, Human Player barrier	
2	GE-14079	1	Insert Pipe, Human Player Barrier	



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TOLERANCES ARE:  
XX +/- 0.1  
XXX +/- 0.01  
XXXX +/- 0.001  
ANG +/- 1



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SCALE 1:4 SHEET 1 OF 1  
TITLE Bracket Assembly, Center  
PROJECT \_\_\_\_\_ MODEL NAME GE-14085 ISSUE \_\_\_\_\_

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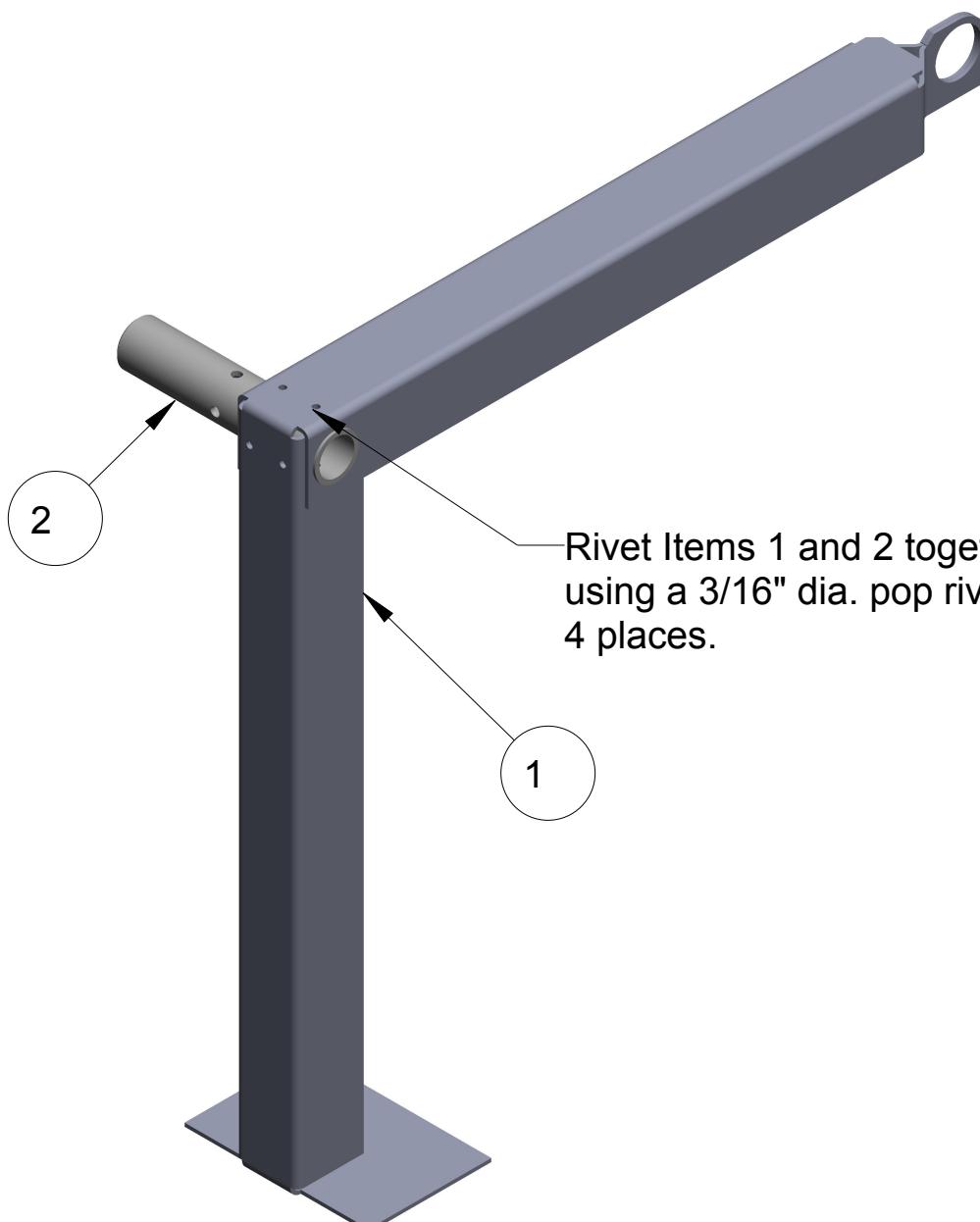
MODEL NAME  
GE-14086TITLE  
Bracket Assembly, Right

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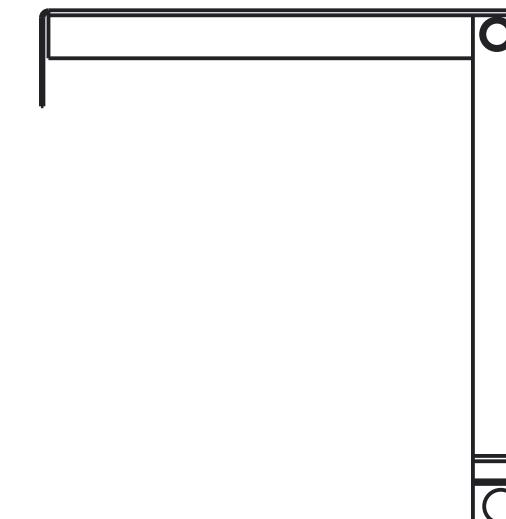
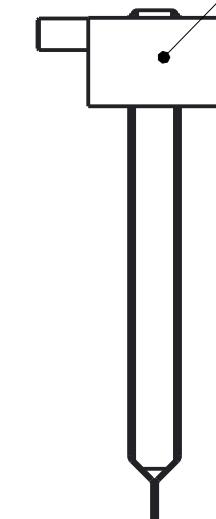
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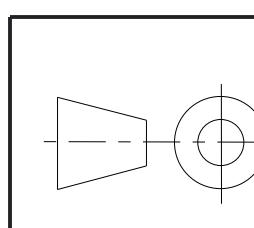


Rivet Items 1 and 2 together  
using a 3/16" dia. pop rivet.  
4 places.

SCALE 1:8



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-14077	1	Bracket, Human Player barrier	
2	GE-14082	1	Short Insert Pipe, Human Player Barrier	



DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:4	SHEET 1 OF 1

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TOLERANCES ARE:  
XX +/- 0.1  
XXX +/- 0.01  
XXXX +/- 0.001  
ANG +/- 1

TITLE  
Bracket Assembly, Right

PROJECT

MODEL NAME  
GE-14086

ISSUE

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MODEL NAME  
GE-14087

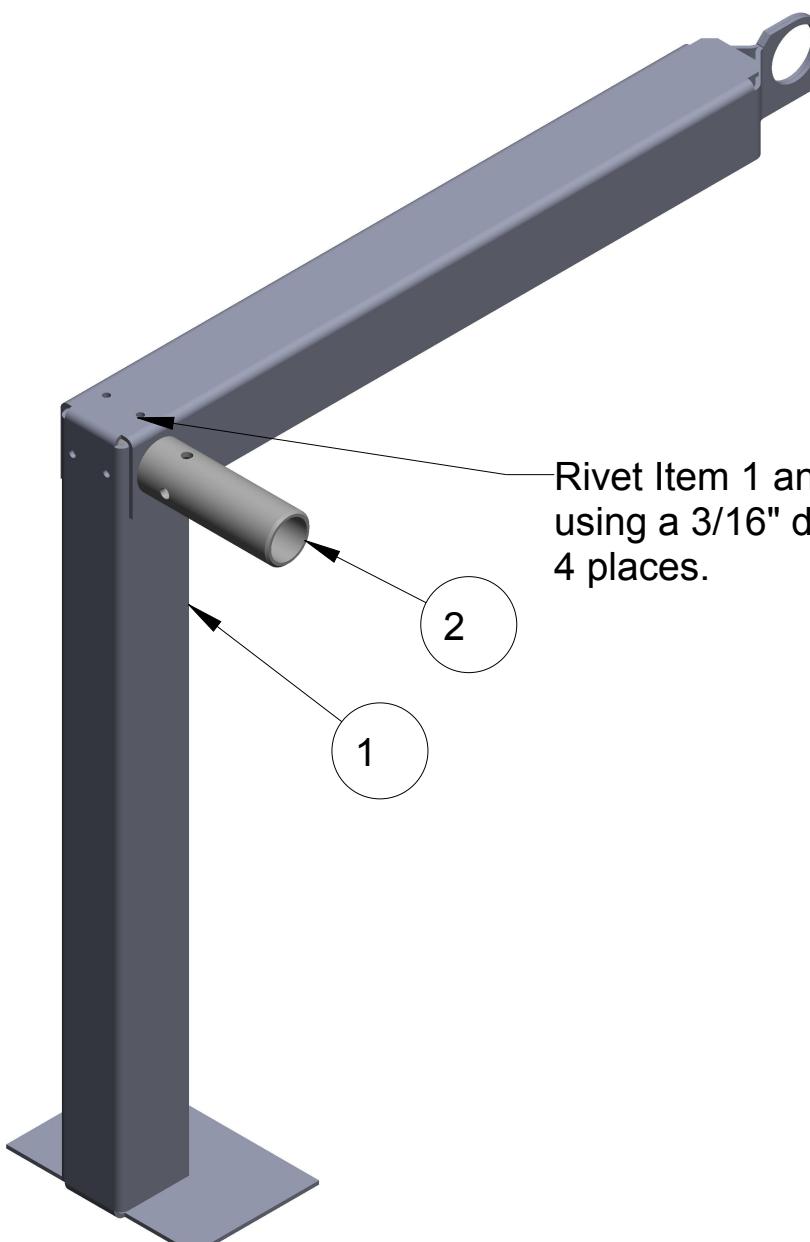
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TITLE  
Bracket Assembly, Left

2

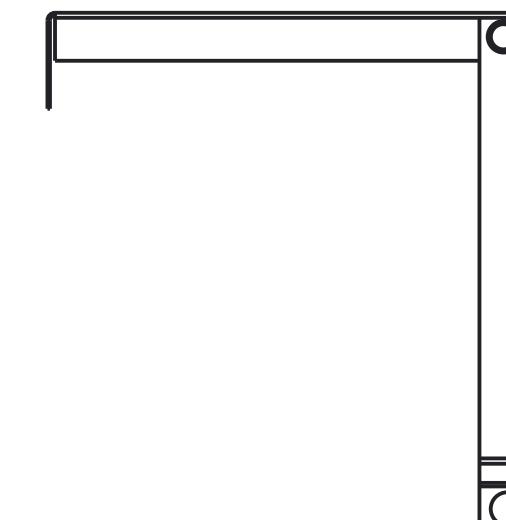
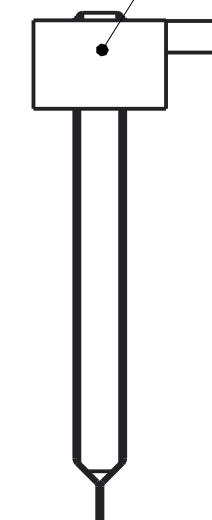
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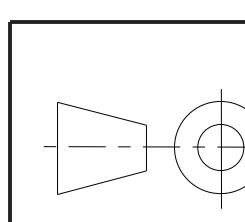
Rivet Item 1 and 2 together  
using a 3/16" dia. pop rivet.  
4 places.

Apply 4" Hook Velcro  
to this surface.



SCALE 1:8

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-14077	1	Bracket, Human Player barrier	
2	GE-14082	1	Short Insert Pipe, Human Player Barrier	



DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE

SCALE 1:4 SHEET 1 OF 1

DO NOT SCALE  
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
XX +/- 0.1  
XXX +/- 0.01  
XXXX +/- 0.001  
ANG +/- 1

TITLE  
Bracket Assembly, Left

PROJECT	MODEL NAME	ISSUE
	GE-14087	

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