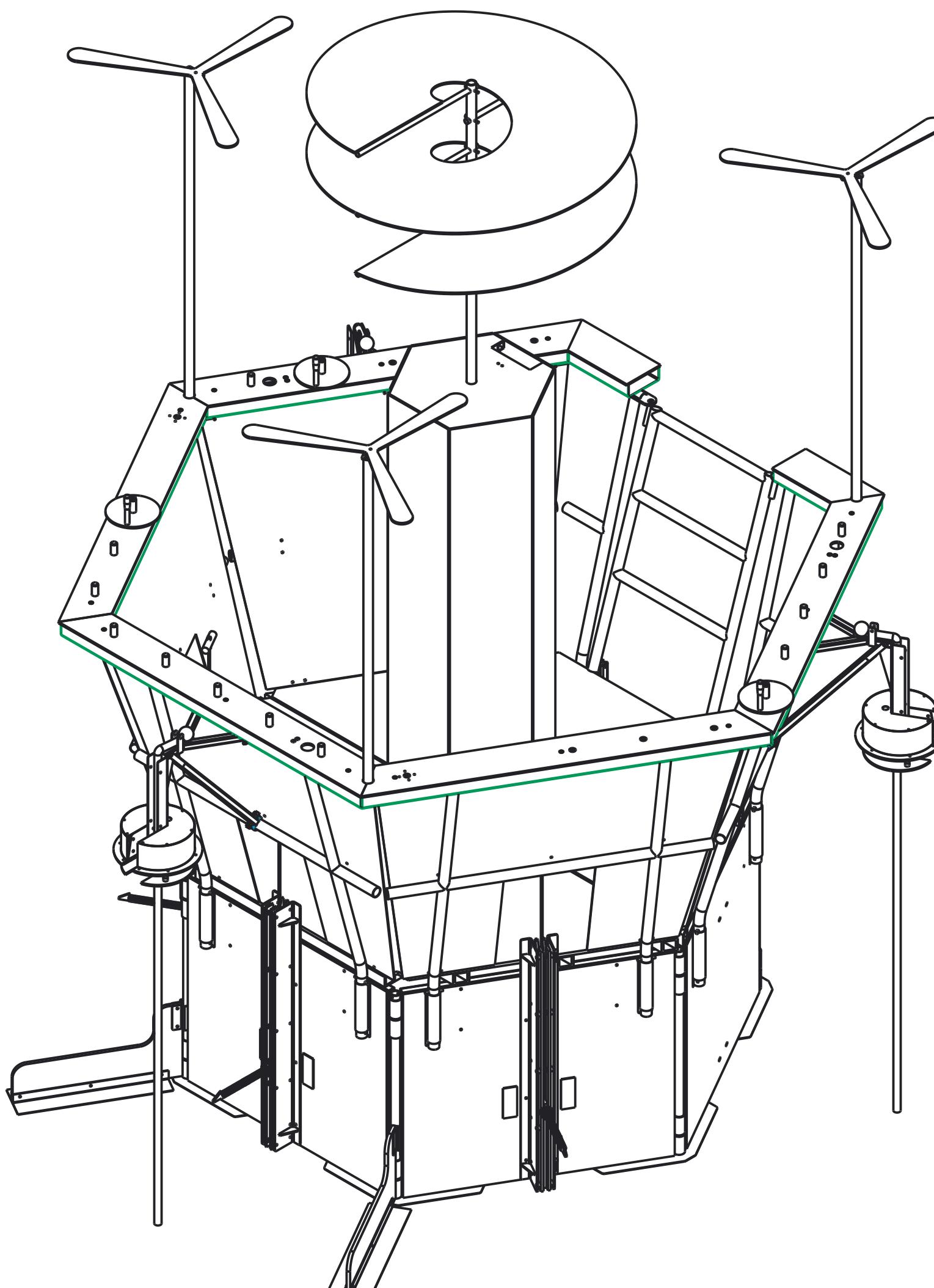


MODEL NAME GE-17025	TITLE Airship Assembly
------------------------	---------------------------

REV	ZONE	DESCRIPTION	DATE	INITIALS
A	NA	See sheets 3 and 4.	1/31/2017	DAF



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	AS2_ROPE	3	Rope, Airship	
2	GE-17025-01	6	Vision Tape	
3	GE-17026	1	Base Frame	
4	GE-17033	2	Floor Frame, Airship	
5	GE-17034	2	Floor, Airship	
6	GE-17044	5	Rail, Airship	
7	GE-17046	3	Lift Assembly	
8	GE-17069	1	Gate Rail Left, Airship	
9	GE-17070	2	Ladder Hinge	
10	GE-17071	1	Ladder	
11	GE-17072	1	Gate Rail Right, Airship	
12	GE-17075	2	Divider, Airship	
13	GE-17079	3	Davit	
14	GE-17085	6	Plastic, Airship Base	
15	GE-17088	1	Rail Assembly	
16	GE-17092	3	Rotor, Small	
17	GE-17098	3	Plastic, Airship Top	
18	GE-17099	2	Plastic, Airship Top	
19	GE-17416	1	Fuel Tank Assembly	
20	TOUCHPAD	3	Touchpad Assembly	

  <small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1</small>	  <small>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREON OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION</small>	DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:64 SHEET 1 OF 5	
TITLE		Airship Assembly	
PROJECT		MODEL NAME	GE-17025
ISSUE			

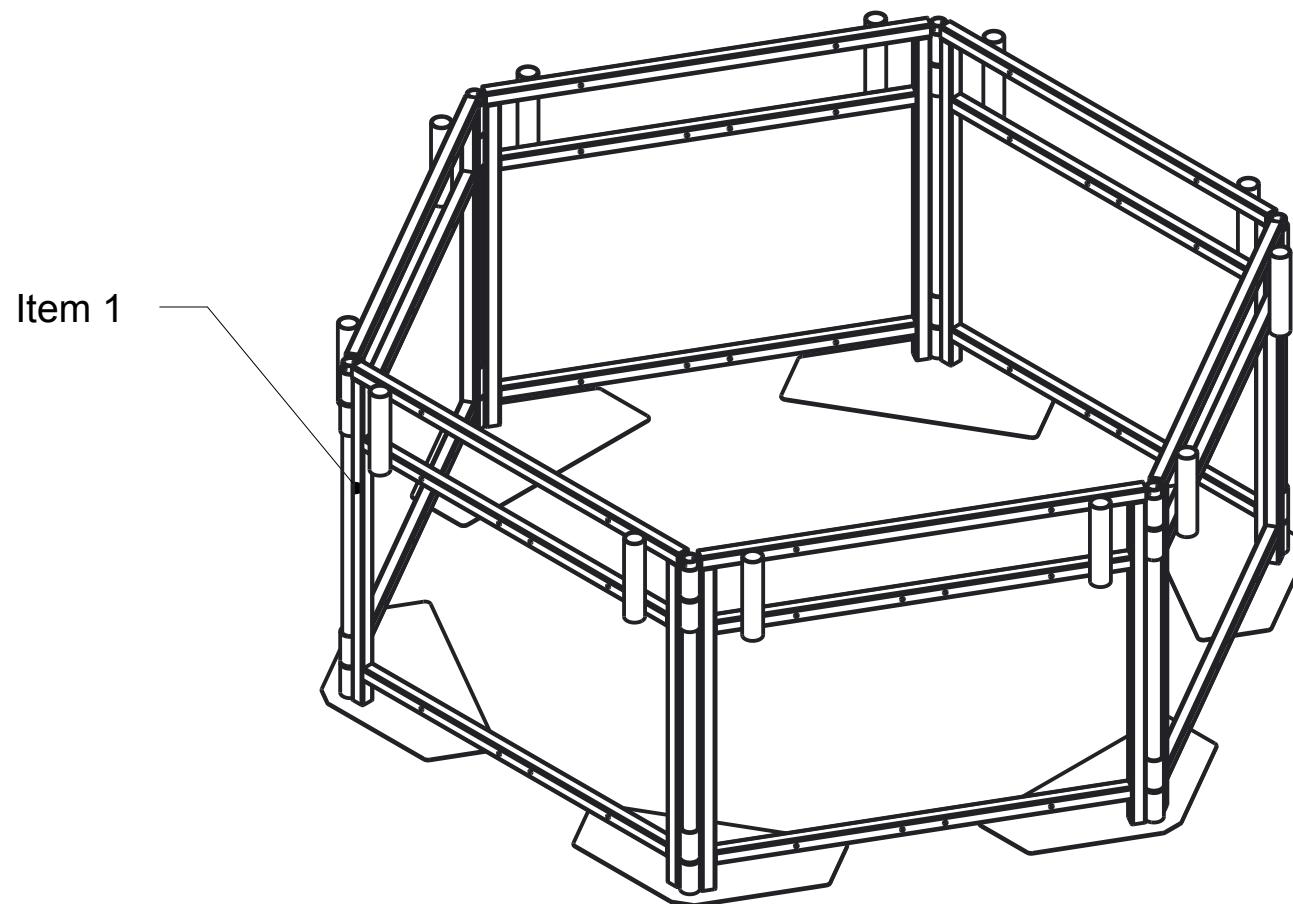
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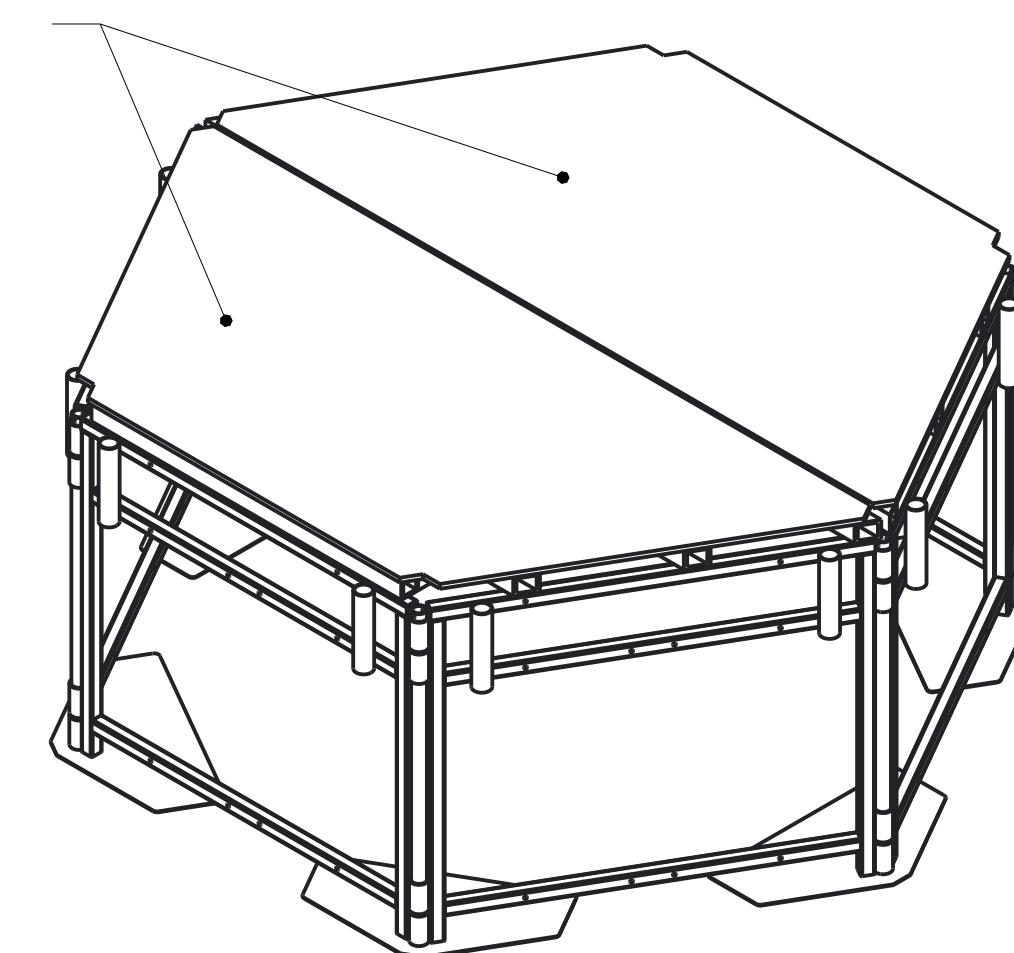
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MODEL NAME GE-17025	TITLE Airship Assembly
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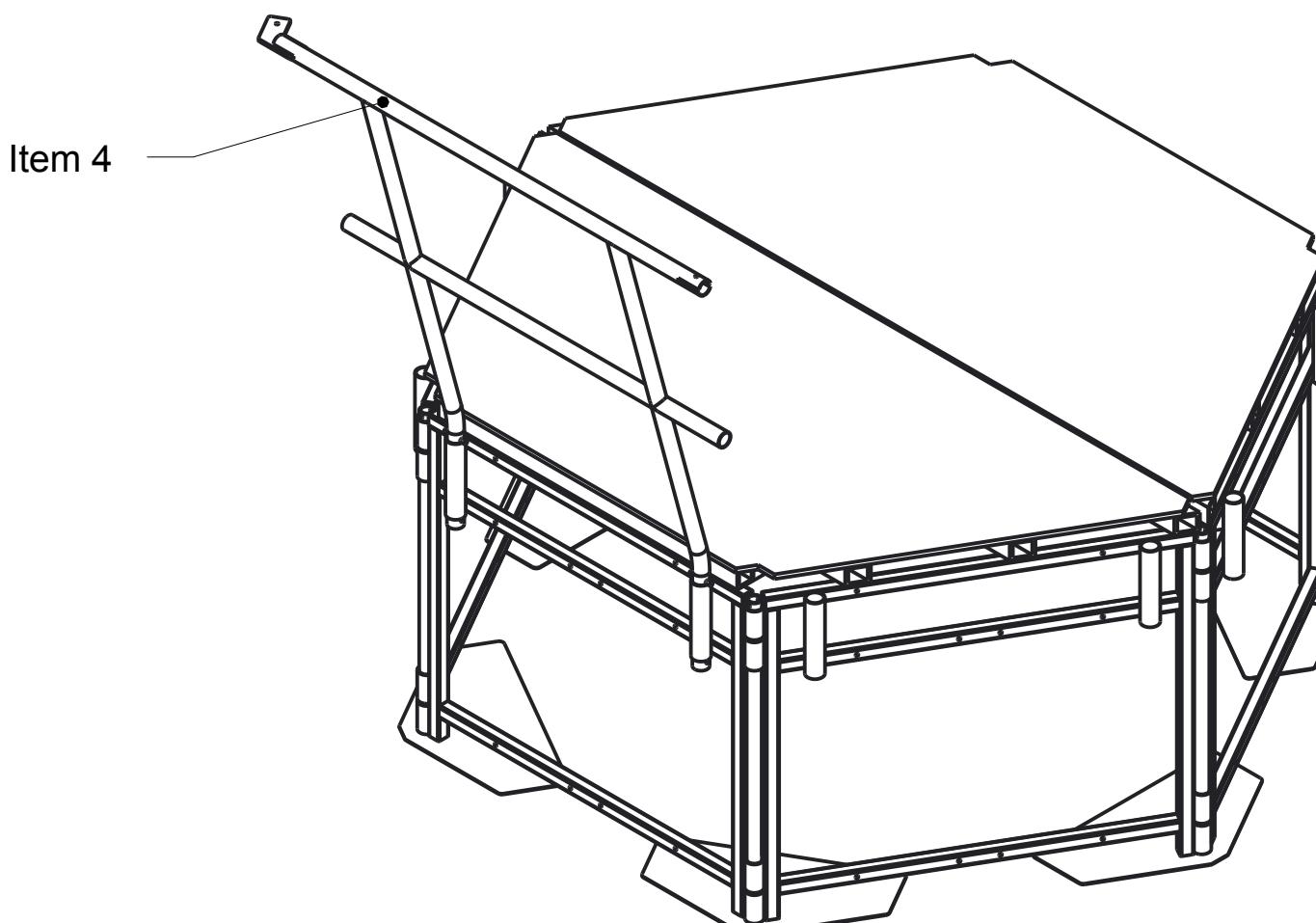


Step 1  
Place Item 1 in position on the field.

Item 2 and 3



Step 2  
Attach Item 2 on top of Item 1  
then screw down item 3 on to  
Item 2 using self tapping screws.



Step 3  
Start attaching Item 4 rails inside each pin facing outwards. Repeat  
with each side.

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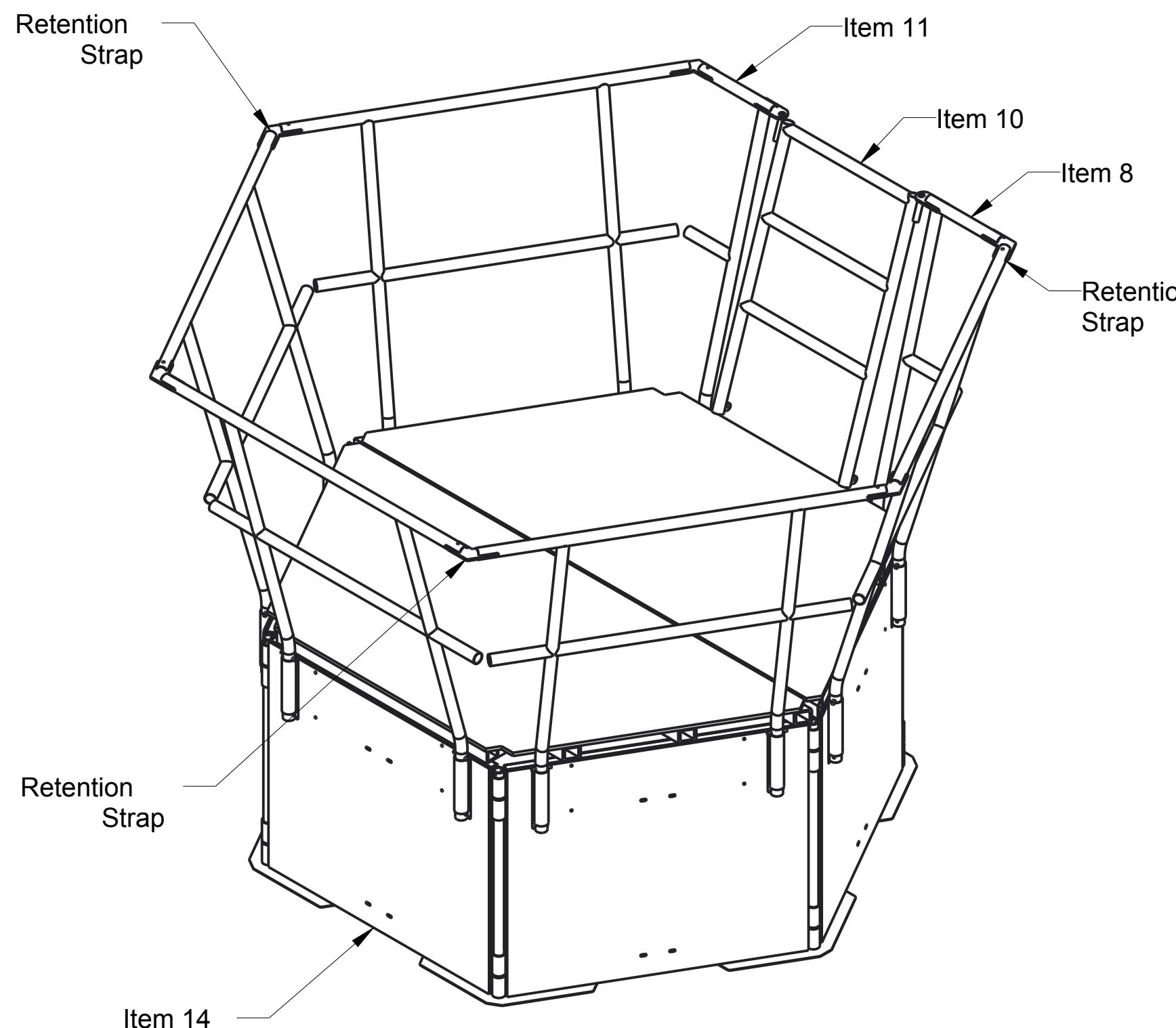
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SCALE 1:16

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:64	SHEET 2 OF 5
DO NOT SCALE	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	TITLE Airship Assembly  PROJECT MODEL NAME GE-17025 ISSUE

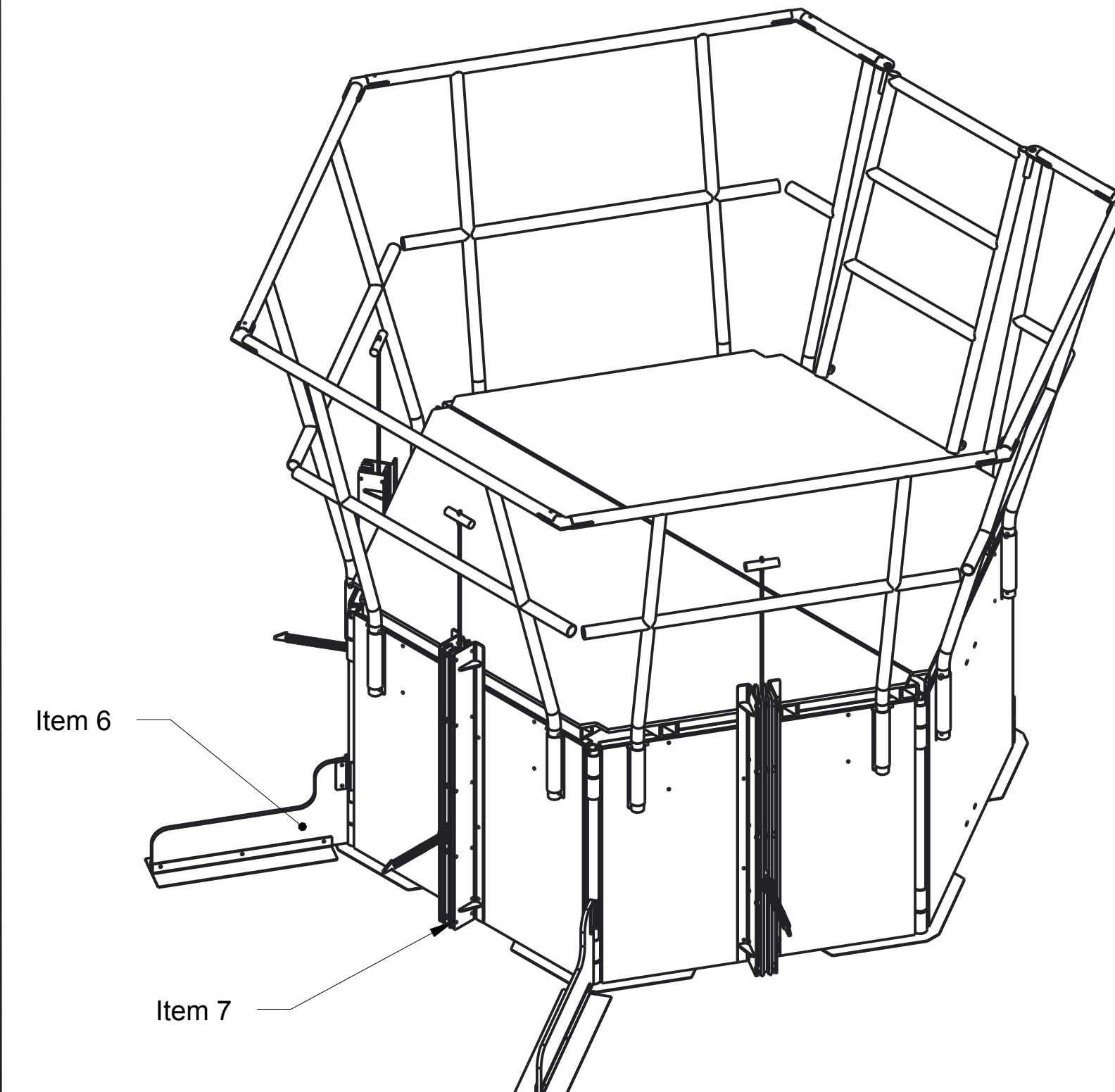
MODEL NAME GE-17025	TITLE Airship Assembly
------------------------	---------------------------

REV	ZONE	DESCRIPTION	DATE	INITIALS
A	B-1	Added retention strap information and locations.	1/31/2017	DAF



## Step 4:

- A. After placing rails from previous step, place Items 8, 10 and 11 as shown. Pin at each corner. Place Item 14 (Qty. 6) around base.
- A** B. Attach the rope retention strap (hook and loop cable ties, McMaster PN:6605K15 or similar) to the pins at locations noted above.



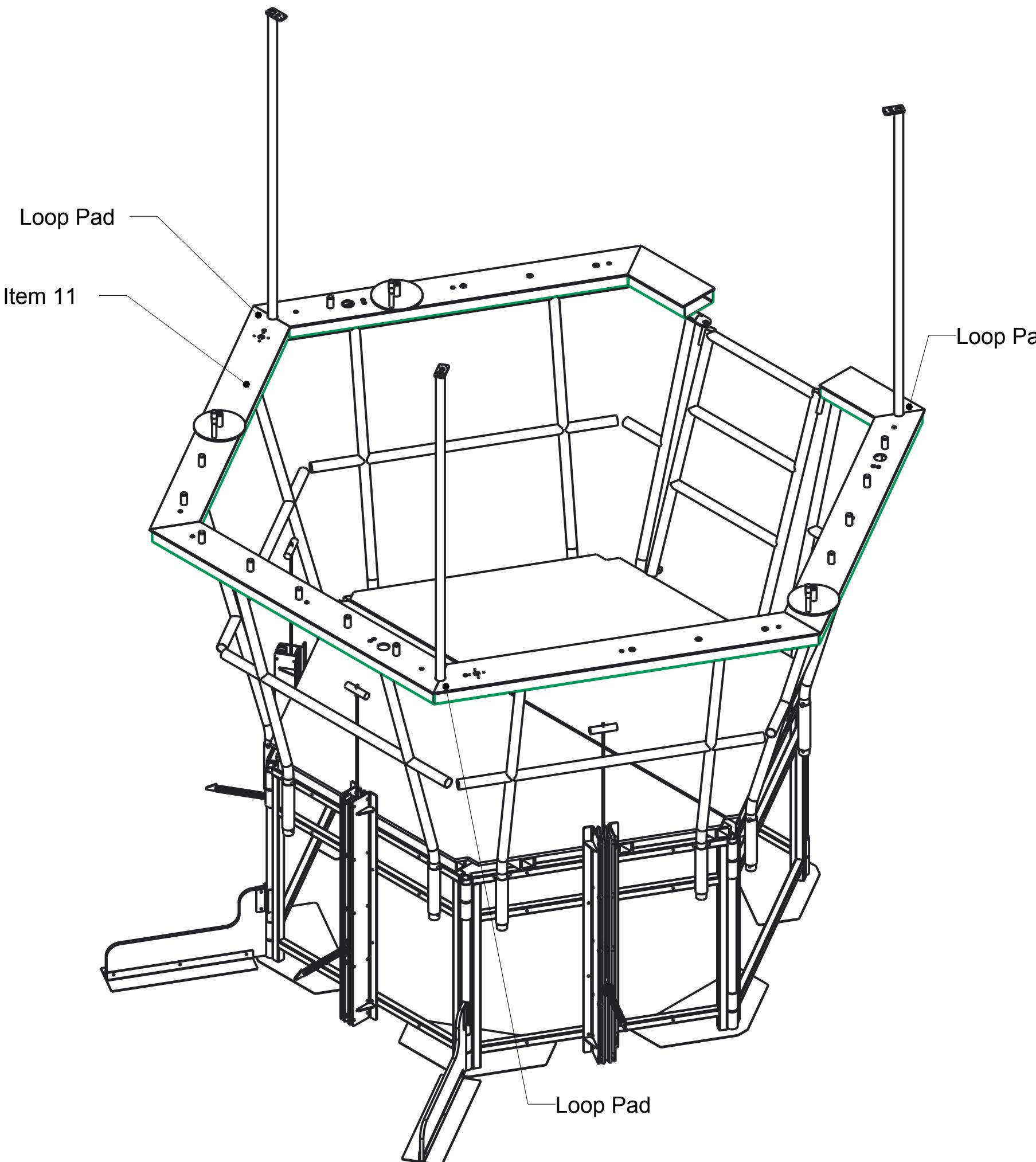
## Step 5:

Attach Item 6 to field carpet using 2" hook fastener and then attach to corners shown. Attach Item 7 to faces shown using twelve, 1/4-20 x 2" long bolts and lock nuts.

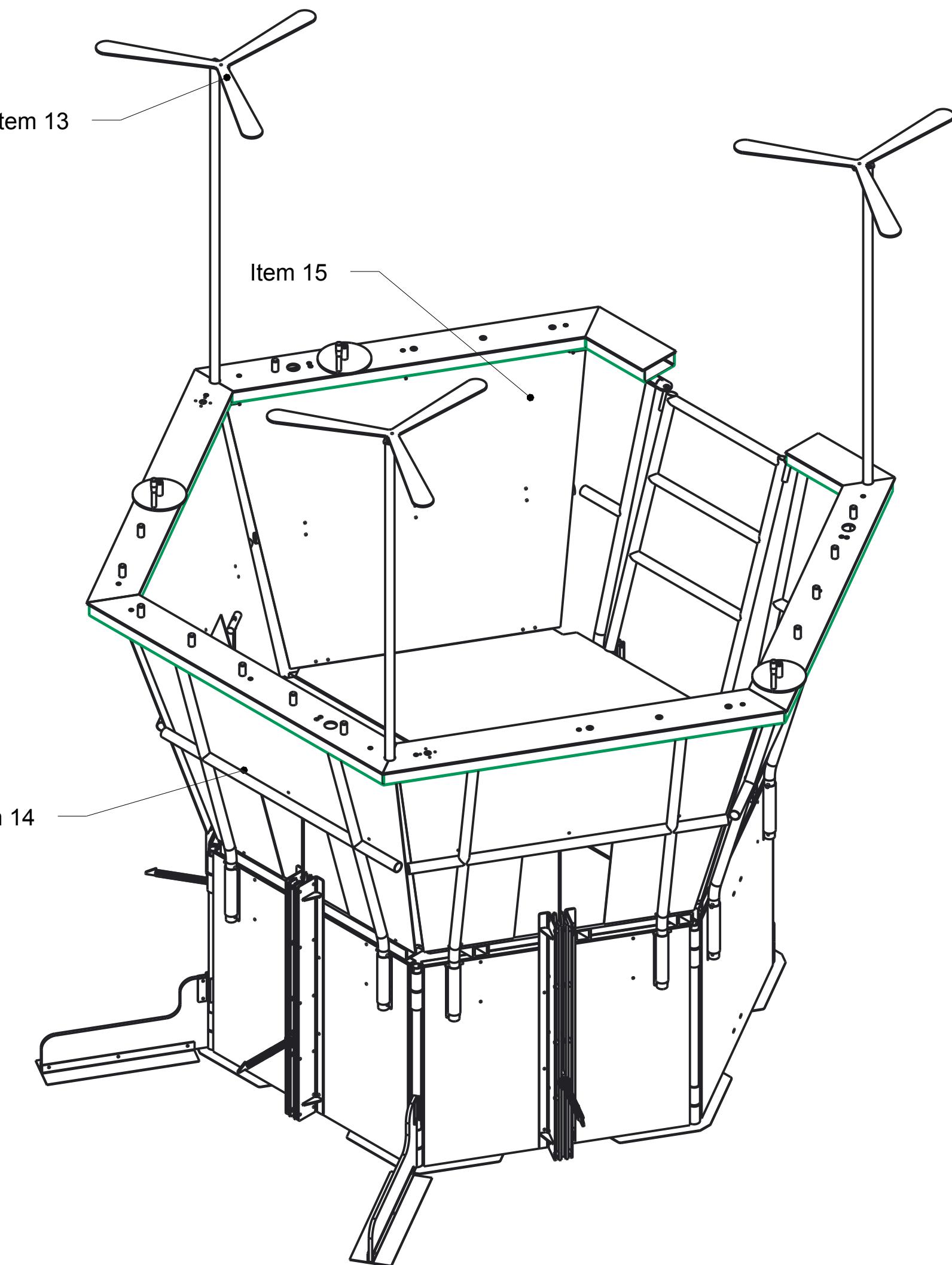
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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:64	SHEET 3 OF 5
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1	TITLE	Airship Assembly
DO NOT SCALE	PROJECT	MODEL NAME GE-17025
		ISSUE

MODEL NAME GE-17025	TITLE Airship Assembly
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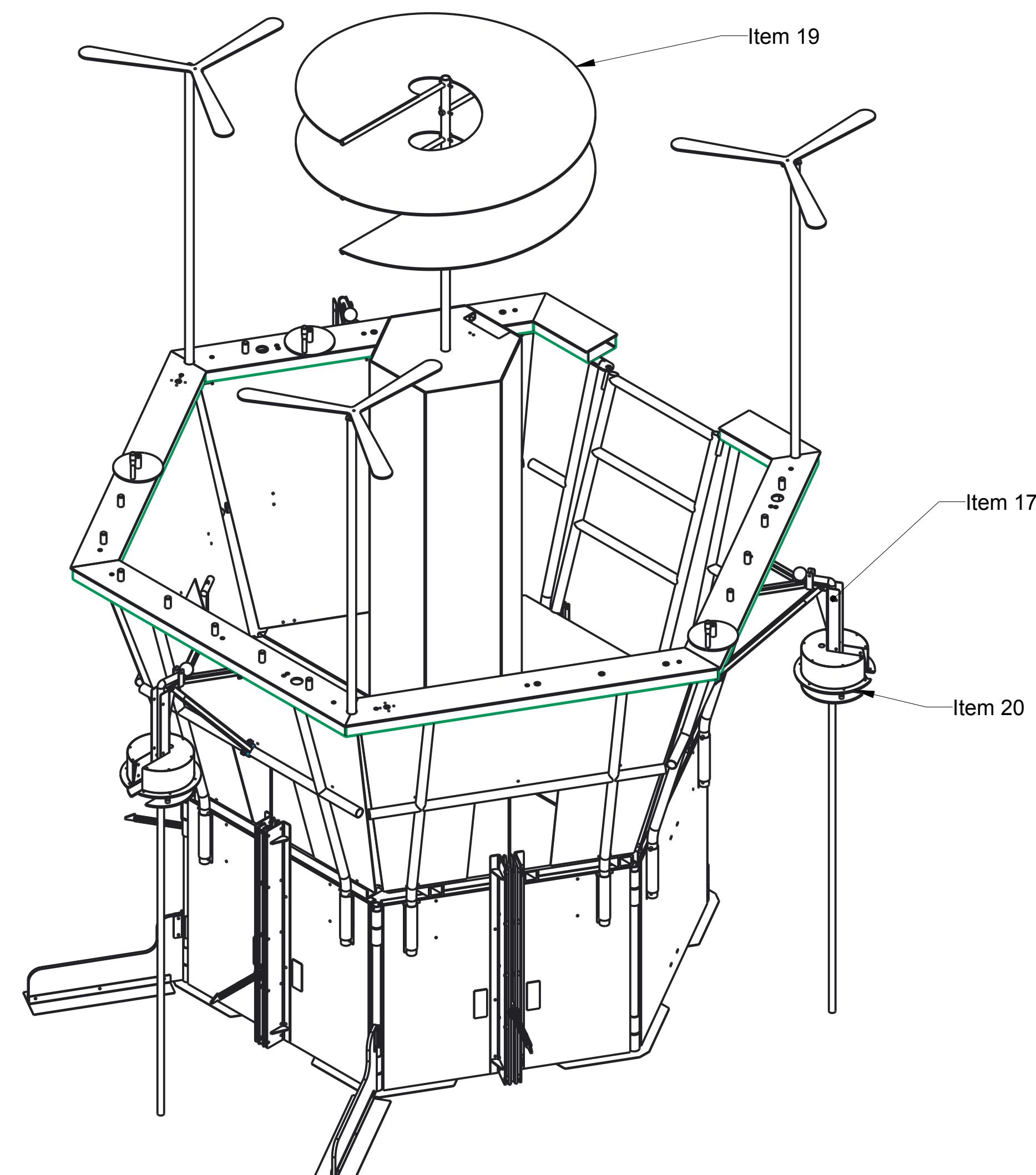
REV	ZONE	DESCRIPTION	DATE	INITIALS
A	A-1	Added loop pads for retention strap	1/31/2017	DAF



Item 13



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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:64	SHEET 4 OF 5
DO NOT SCALE	TITLE Airship Assembly	
	PROJECT	MODEL NAME GE-17025
		ISSUE



Step 9  
Attach Item 17 using ubolts to railing and bottom post.  
Drill and bolt Item 19 to the floor of the airship.

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:64	SHEET 5 OF 5
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1	TITLE Airship Assembly	
DO NOT SCALE	PROJECT	MODEL NAME GE-17025
		ISSUE

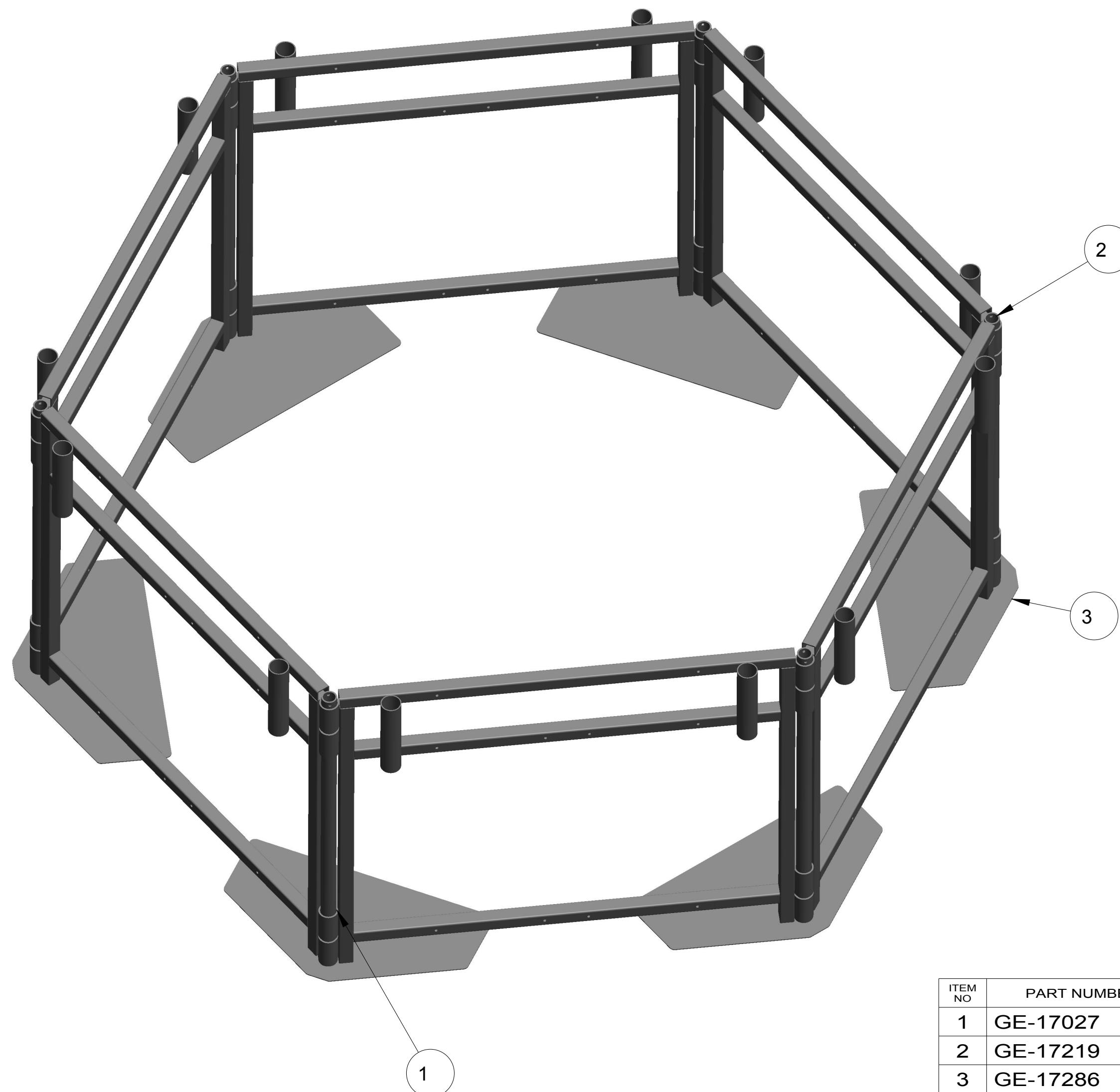
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MODEL NAME GE-17026	TITLE Base Frame
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ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17027	6	Leg Frame, Airship	
2	GE-17219	6	Pin, Airship	
3	GE-17286	6	Airship Foot	

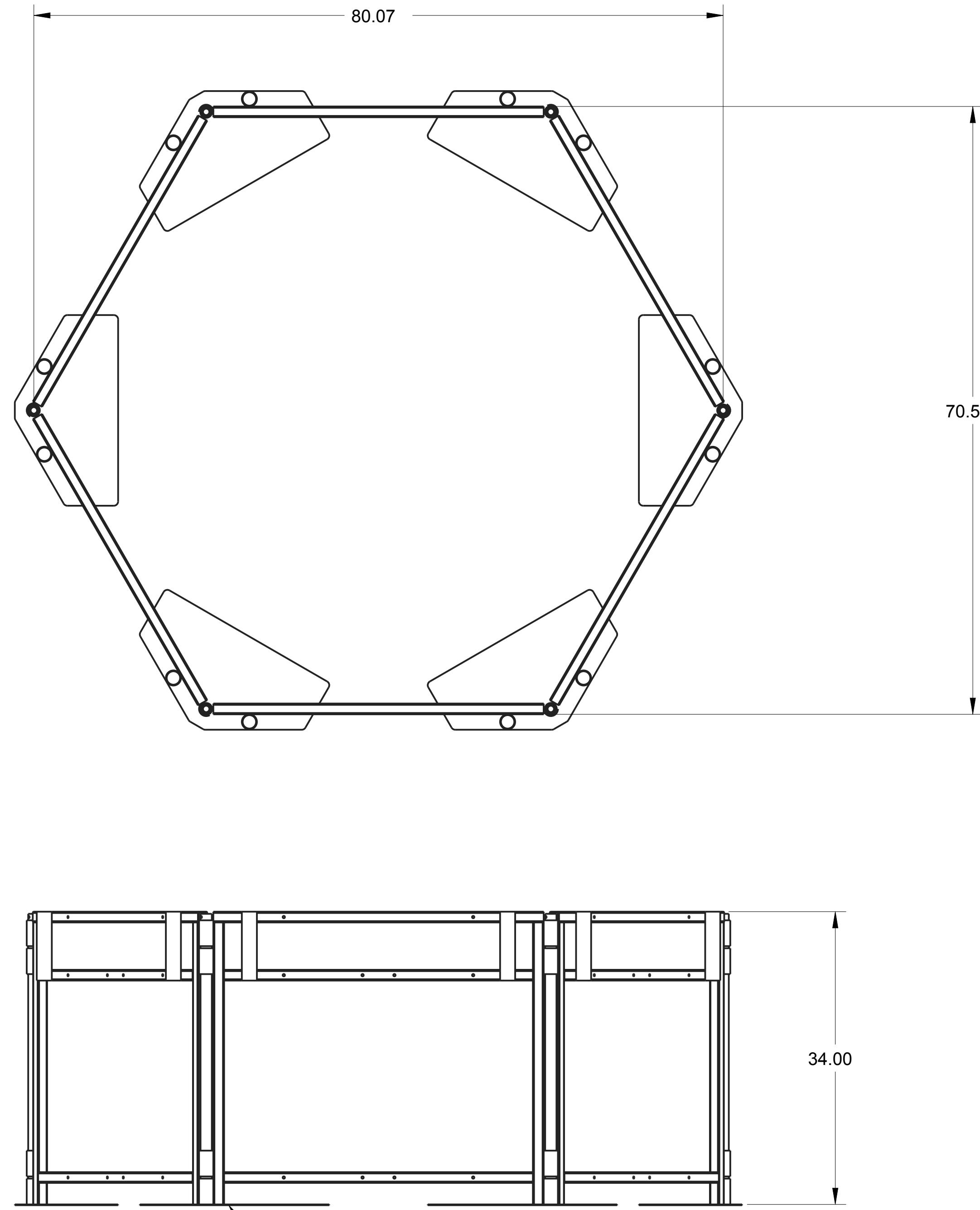
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SCALE 1:24		SHEET 1 OF 2	
DO NOT SCALE		TITLE Base Frame	
PROJECT		MODEL NAME GE-17026	ISSUE

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		APPROVED BY	DATE
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SCALE 1:24		SHEET 2 OF 2	
TITLE			
PROJECT		MODEL NAME	GE-17026
ISSUE			

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MODEL NAME  
GE-17027

TITLE

Leg Frame, Airship

REV

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ZONE

Sheet 4

DESCRIPTION

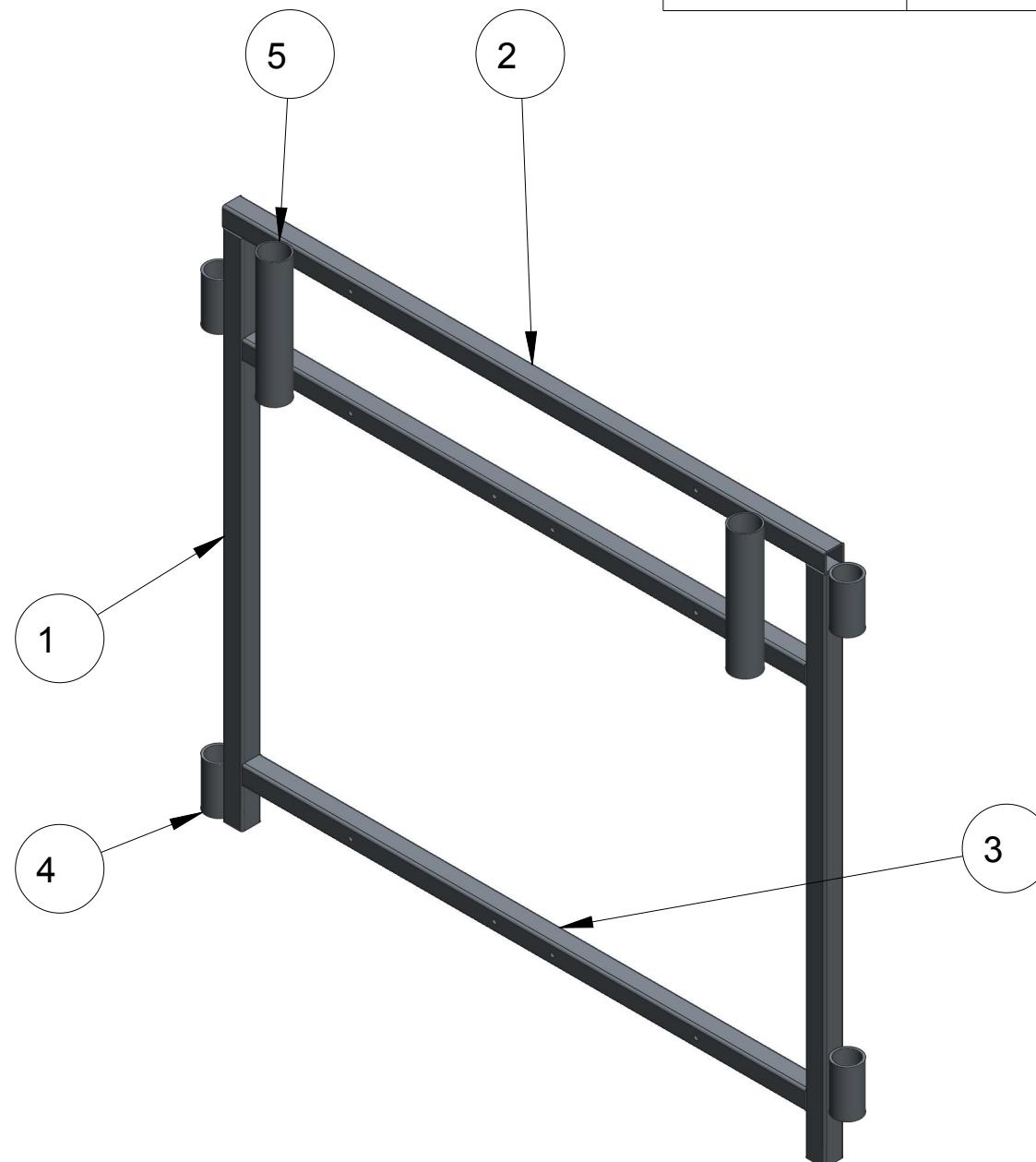
See Sheet 4

DATE

DAF

INITIALS

12/20/2016



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17027-01	2	Steel Tube	
2	GE-17027-02	1	Steel Tube	
3	GE-17027-03	2	Steel Tube	
4	GE-17027-04	4	Pipe	
5	GE-17027-05	2	Pipe	

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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 7:96	SHEET 1 OF 5
TITLE		Leg Frame, Airship	
PROJECT		MODEL NAME	ISSUE
		GE-17027	

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MODEL NAME  
GE-17027TITLE  
Leg Frame, Airship

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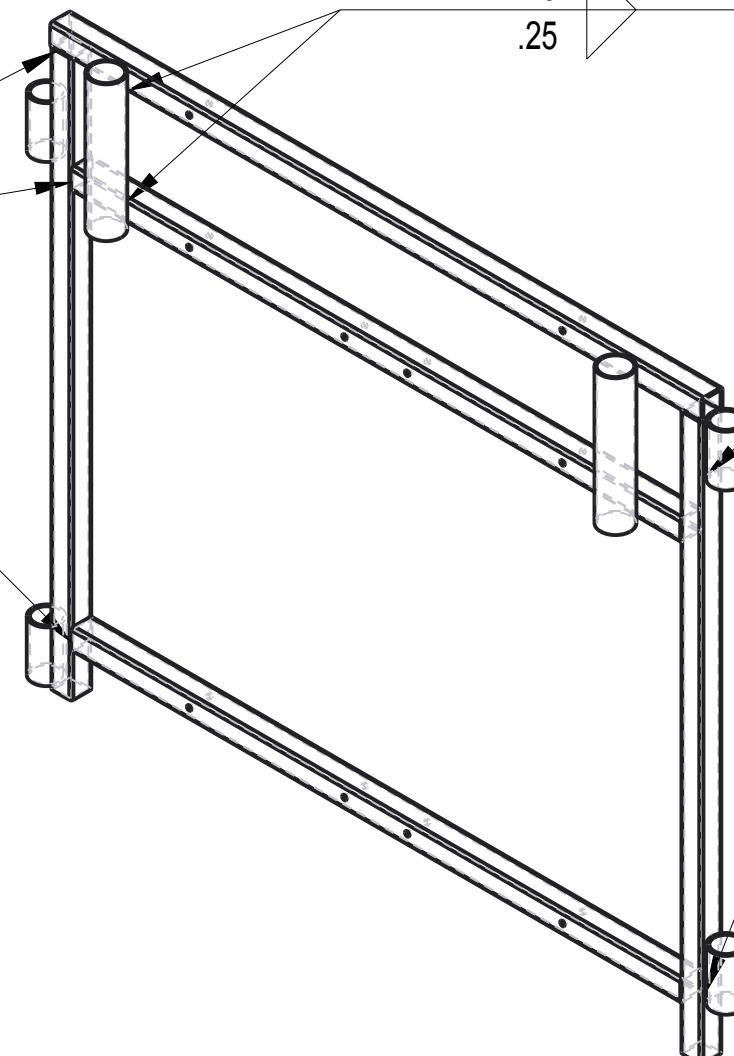
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CHECKED BY	DATE
APPROVED BY	DATE

SCALE 7:96   SHEET 2 OF 5

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  
Leg Frame, AirshipPROJECT  
MODEL NAME  
GE-17027

ISSUE

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MODEL NAME  
GE-17027

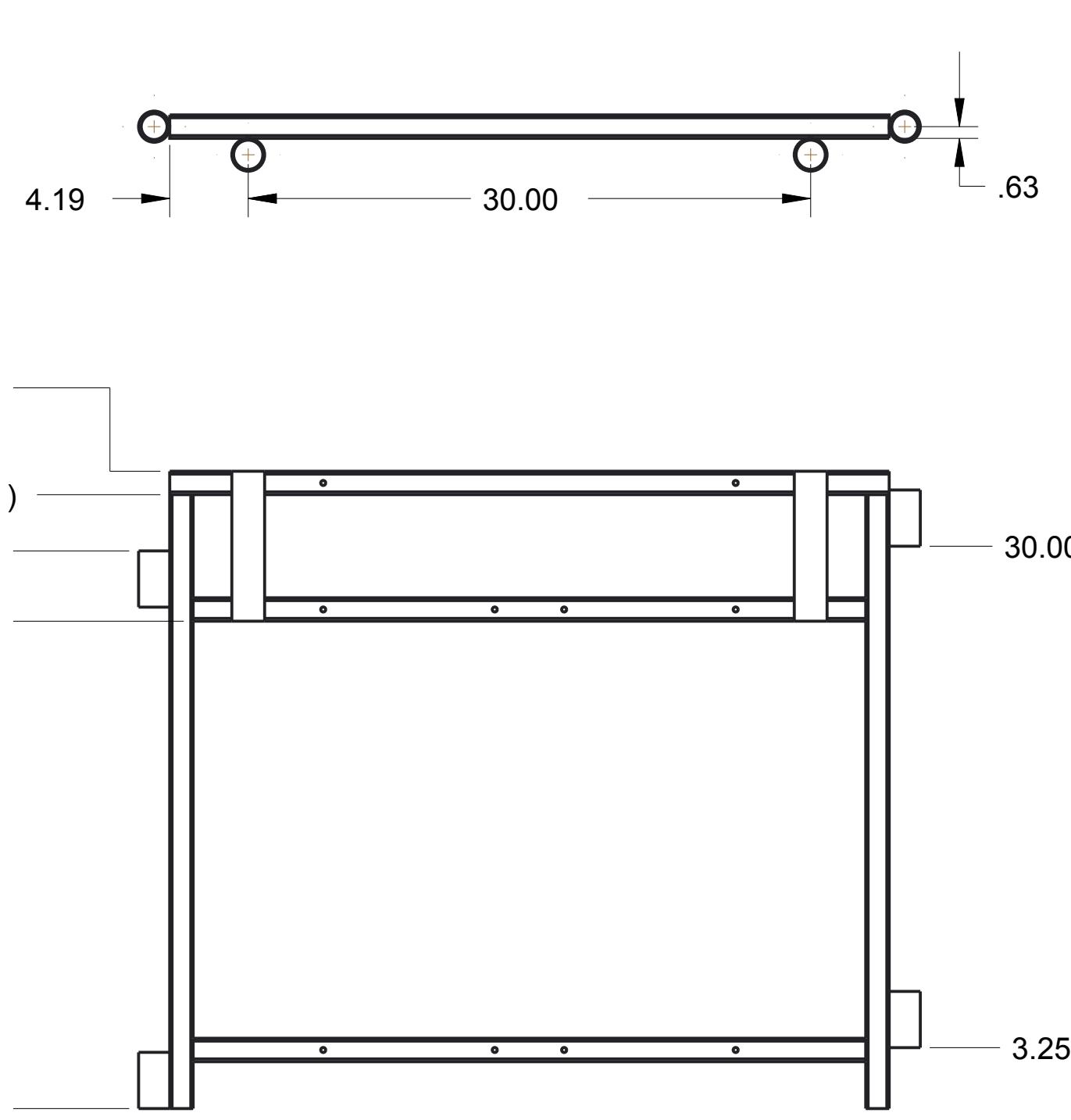
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TITLE  
Leg Frame, Airship

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		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
DO NOT SCALE	SCALE 7:96 SHEET 3 OF 5		
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1		TITLE	Leg Frame, Airship
PROJECT		MODEL NAME	GE-17027
ISSUE			

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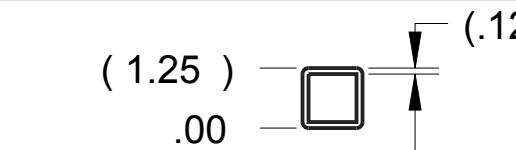
MODEL NAME  
GE-17027

TITLE

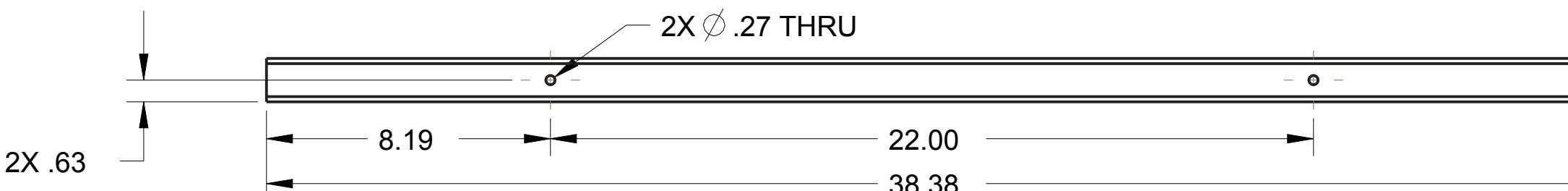
Leg Frame, Airship

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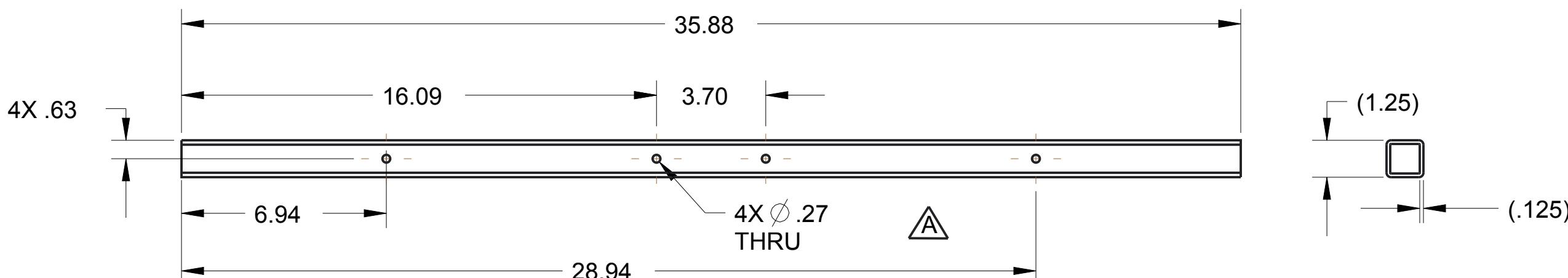
DESCRIPTION

DATE  
DAFINITIALS  
12/8/2016

Part Number: GE-17027-01  
Material: 1.25" x 0.12" A500/A513 Square Steel Tube  
QTY: 2



Part Number: GE-17027-02  
Material: 1.25" x 0.12" A500/A513 Square Steel Tube  
QTY: 1



Part Number: GE-17027-03  
Material: 1.25" x 0.12" A500-A513 Square Steel Tube  
QTY: 2

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	CHECKED BY	DATE	
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	SCALE 7:96 SHEET 4 OF 5		
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DO NOT SCALE		TITLE Leg Frame, Airship	
PROJECT		MODEL NAME GE-17027	ISSUE

MODEL NAME  
GE-17027

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TITLE  
Pipe

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( $\phi$  1.66)

.00

8.00

( $\phi$  1.56)

( $\phi$  1.75)

Part Number: GE-17071-05  
Material: 1.75" OD X .095" A513 DOM STEEL TUBE  
QTY: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



DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 7:96	SHEET 5 OF 5

TITLE	Pipe	
PROJECT	MODEL NAME GE-17027	ISSUE

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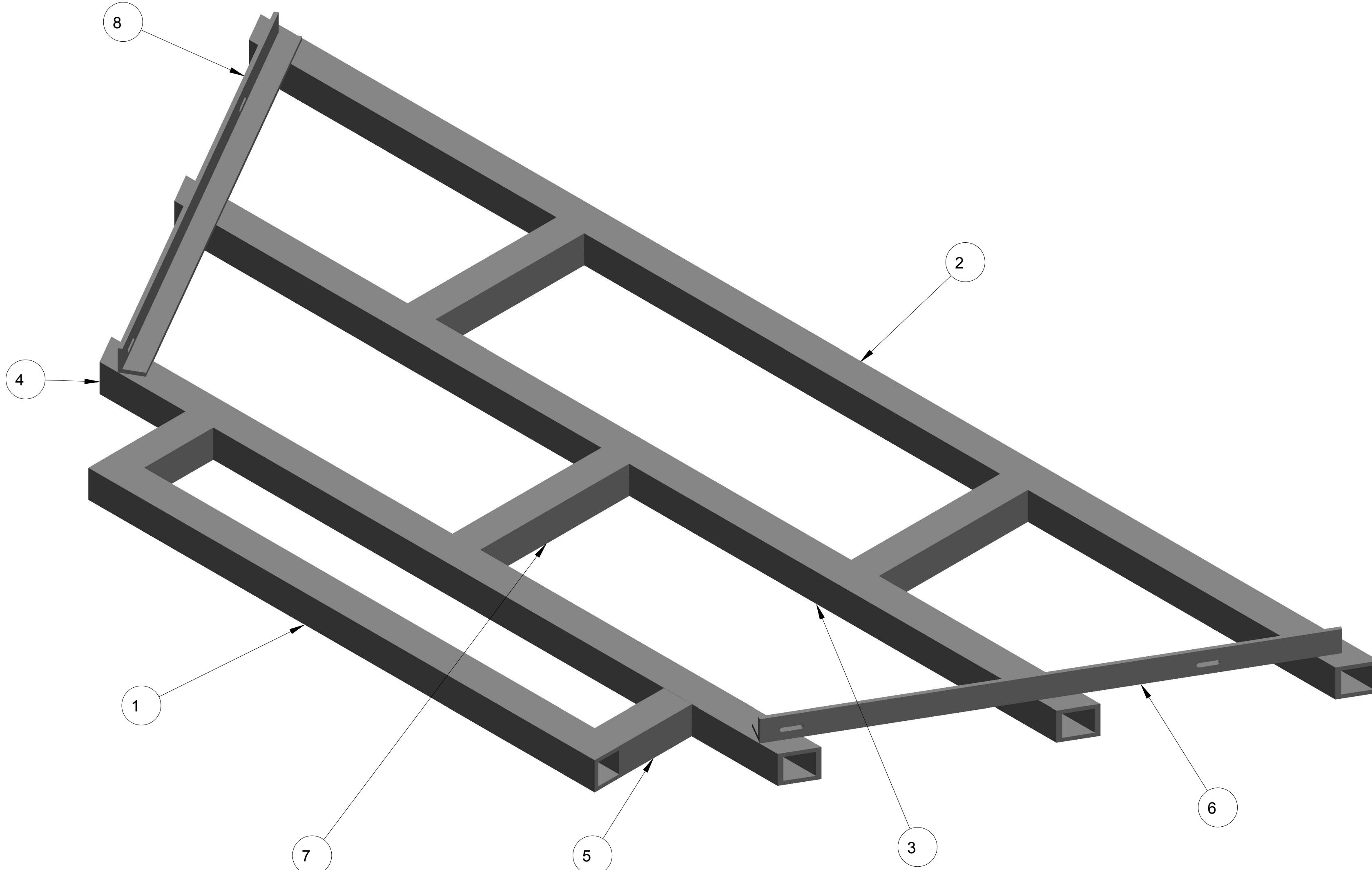
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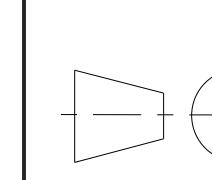
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MODEL NAME GE-17033	TITLE Floor Frame, Airship
------------------------	-------------------------------



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17033-01	1	Tube	
2	GE-17033-02	1	Tube	
3	GE-17033-03	1	Tube	
4	GE-17033-04	1	Tube	
5	GE-17033-05	2	Tube	
6	GE-17033-06	1	Angle	
7	GE-17033-07	3	Tube	
8	GE-17033-08	1	Angle	

 	DRAWN BY	DATE
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SCALE 11:192		SHEET 1 OF 6
TITLE		
Floor Frame, Airship		
PROJECT		MODEL NAME
		GE-17033
ISSUE		

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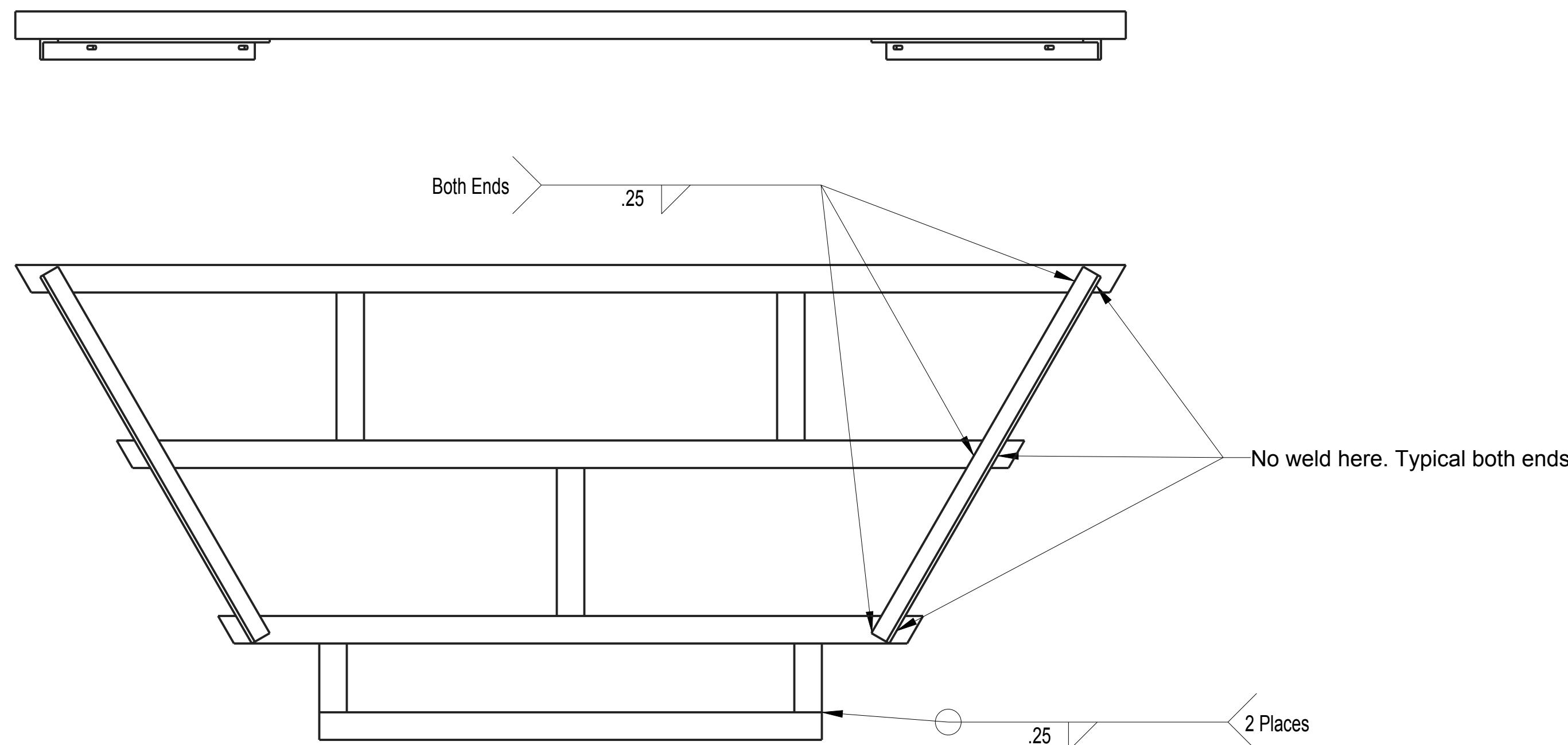
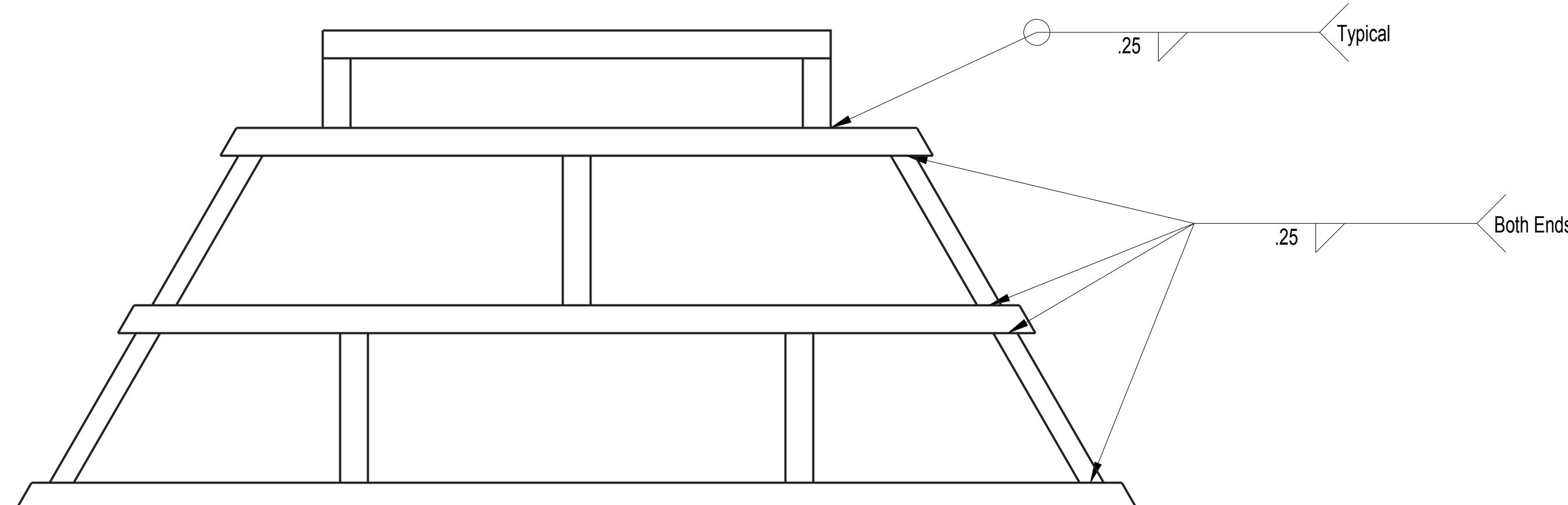
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MODEL NAME  
GE-17033TITLE  
Floor Frame, Airship

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DO NOT SCALE		PROJECT	MODEL NAME GE-17033	ISSUE

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MODEL NAME  
GE-17033TITLE  
Floor Frame, Airship

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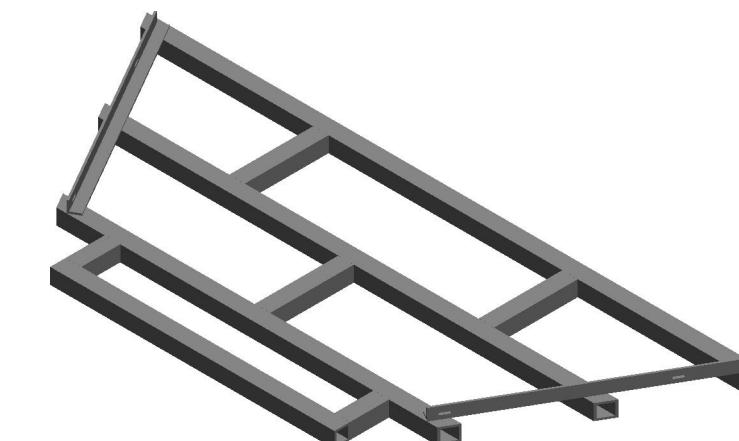
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1.25

32.00

2X 1.13

32.50

19.75

7.00

7.35

17.25

14.71

SCALE 1:8

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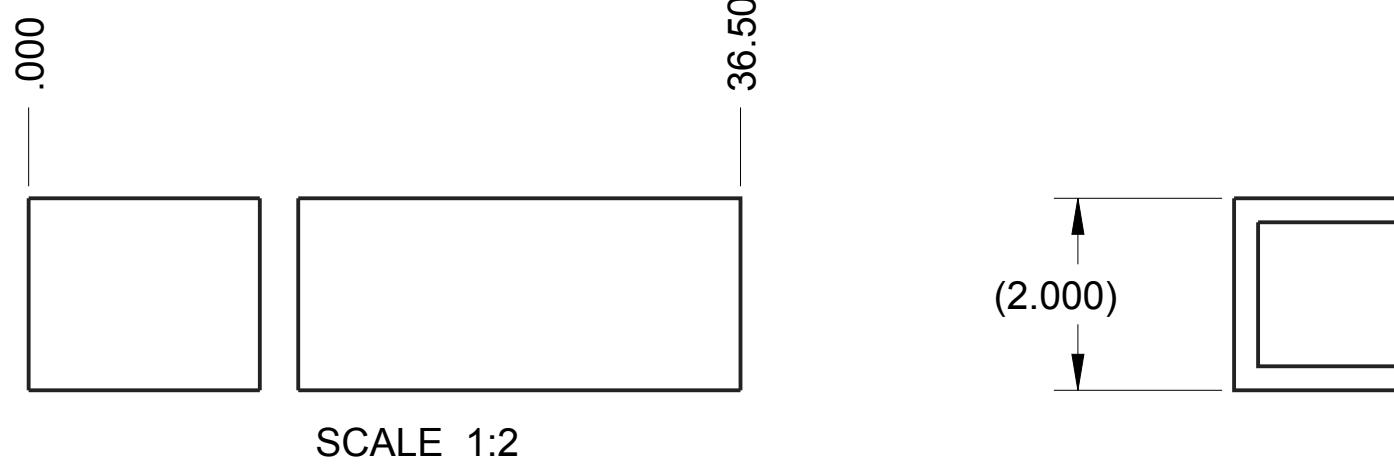
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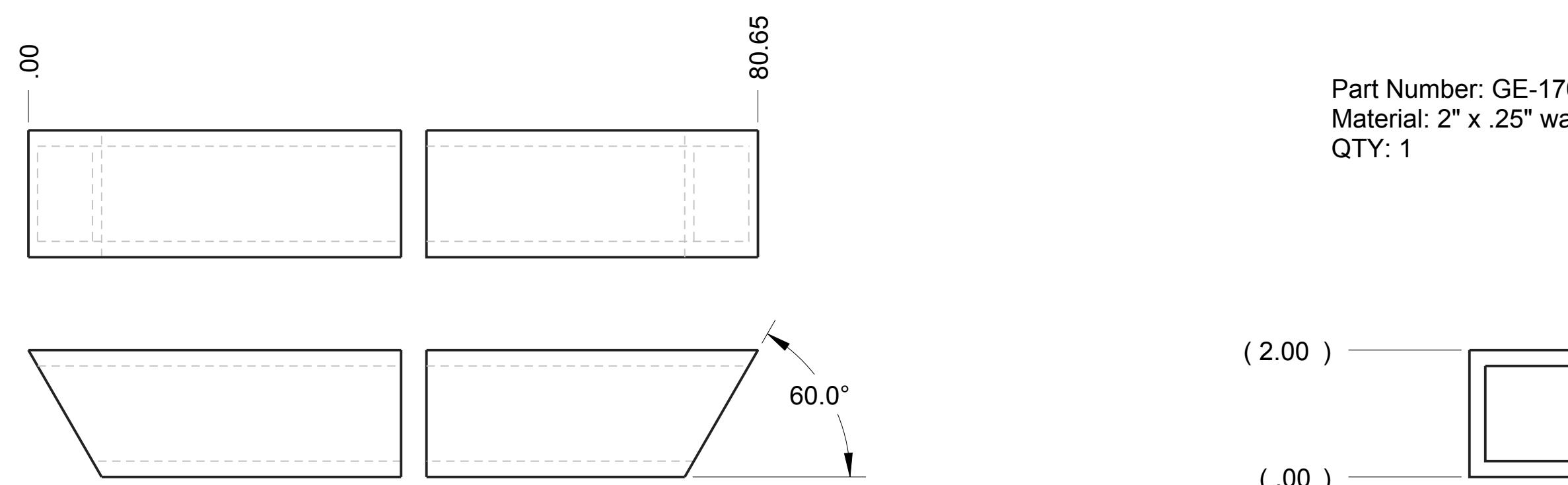
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DO NOT SCALE	TITLE	PROJECT	MODEL NAME GE-17033
	Floor Frame, Airship		ISSUE

MODEL NAME  
GE-17033

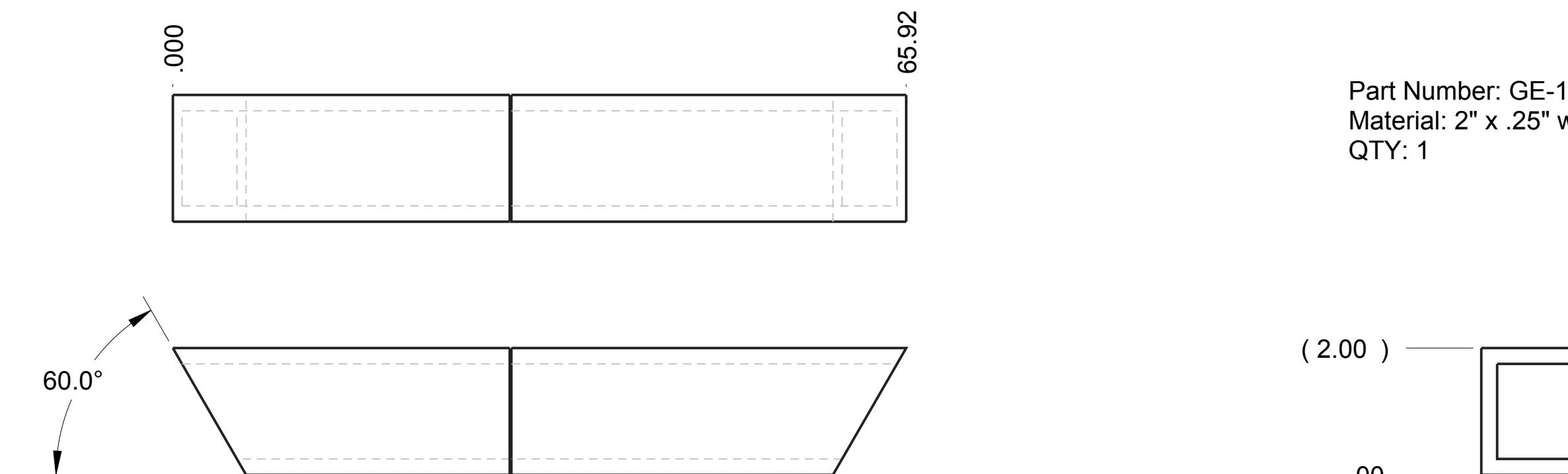
TITLE  
Floor Frame, Airship



Part Number: GE-17033-01  
Material: 2" x .25" wall Square tubing, 6061 Aluminum  
QTY: 1



Part Number: GE-17033-02  
Material: 2" x .25" wall Square tubing, 6061 Aluminu  
QTY: 1



Part Number: GE-17033-03  
Material: 2" x .25" wall Square tubing, 6061 Aluminu  
QTY: 1

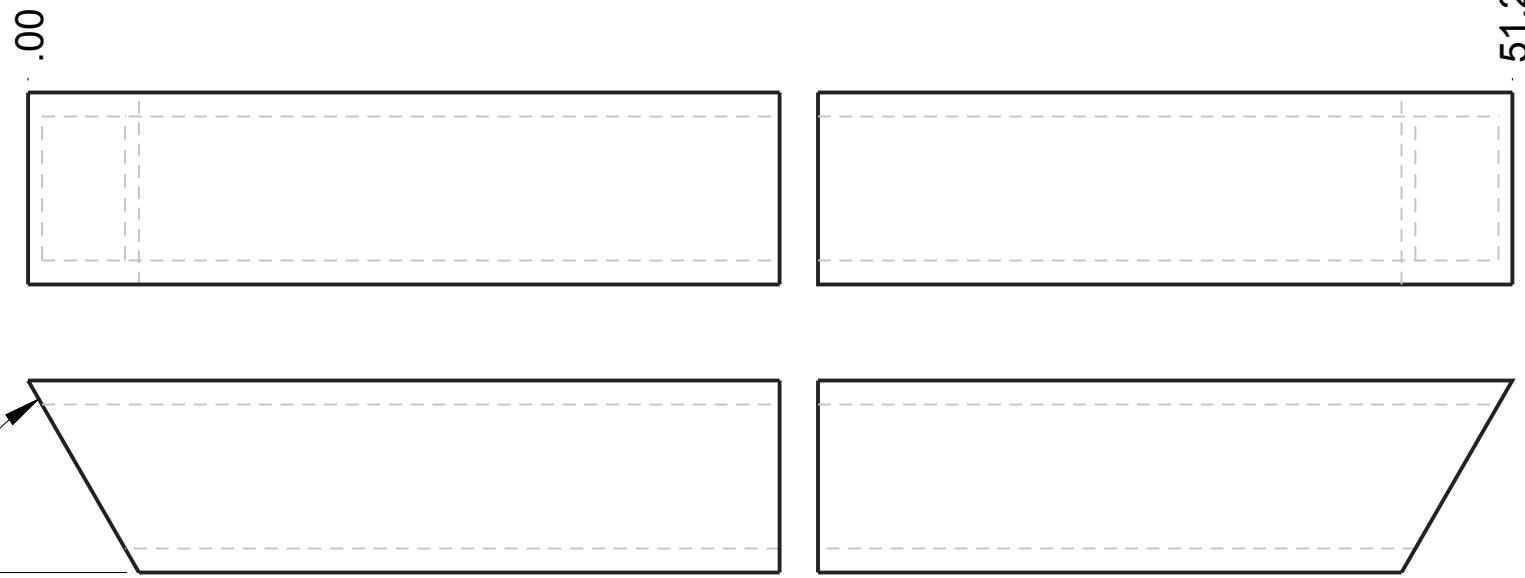
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DO NOT SCALE	PROJECT	MODEL NAME GE-17033
		ISSUE

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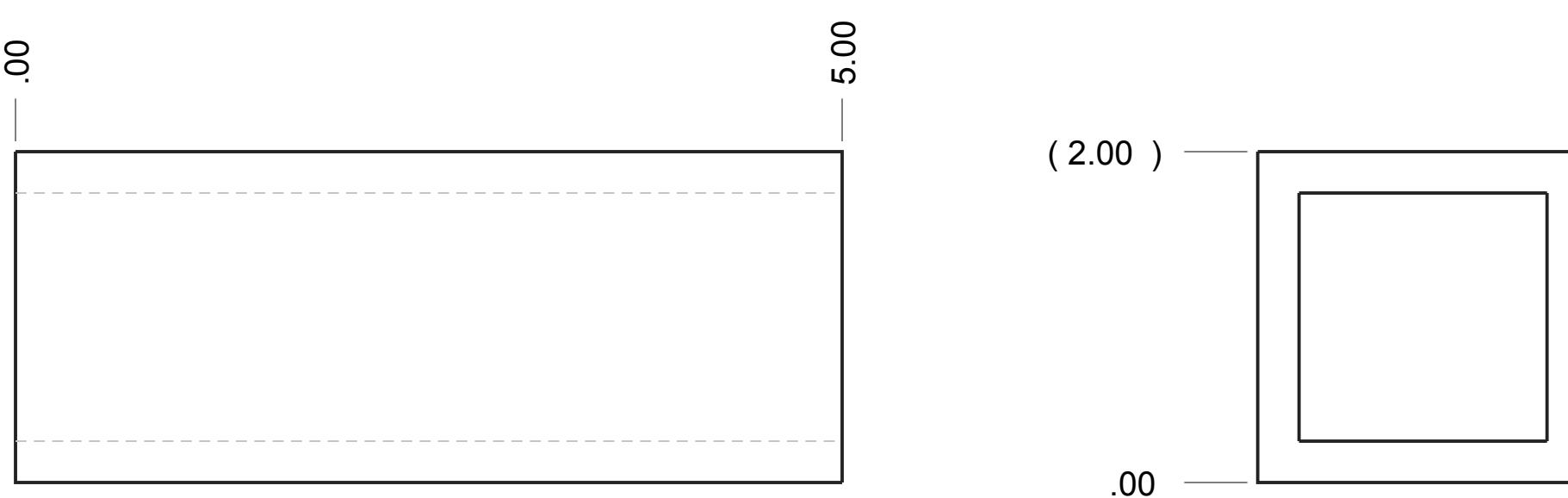
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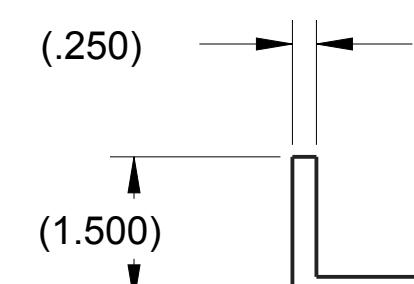
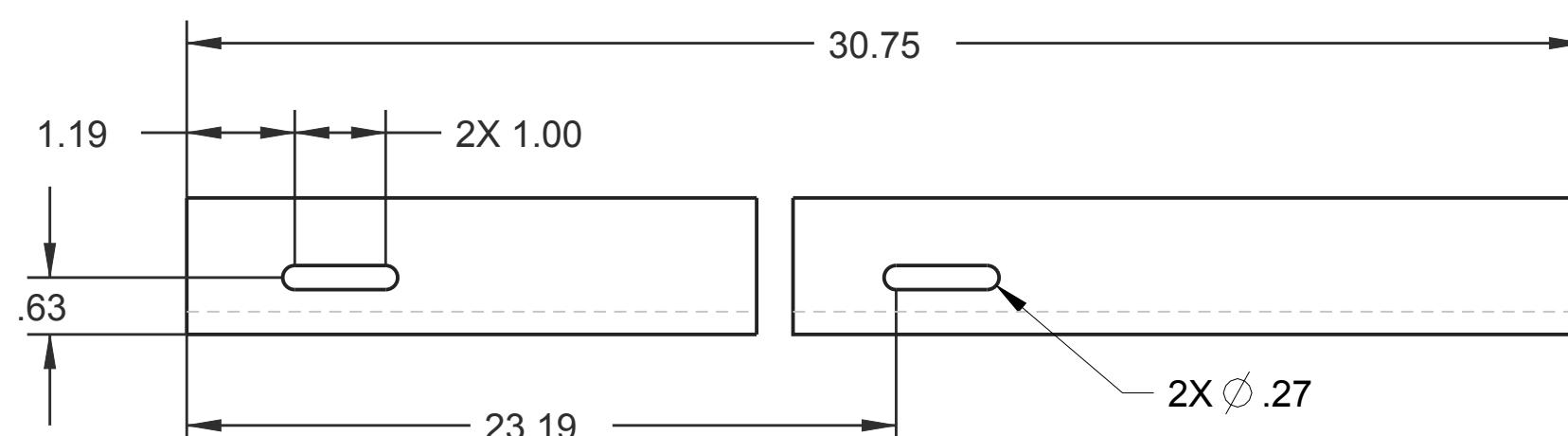
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MODEL NAME  
GE-17033TITLE  
Floor Frame, Airship

Part Number: GE-17033-04  
Material: 2" x .25" wall Square tubing, 6061 Aluminu  
QTY: 1



Part Number: GE-17033-05  
Material: 2" x .25" wall Square tubing, 6061 Aluminu  
QTY: 2



Part Number GE-17033-06  
Material: 1-1/2" Aluminum Angle 6063 T  
QTY: 1

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		APPROVED BY	DATE
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XX.X +/- .01 XXX.X +/- .001 ANG +/- 1	TITLE	Floor Frame, Airship	
DO NOT SCALE	PROJECT	MODEL NAME	GE-17033
		ISSUE	

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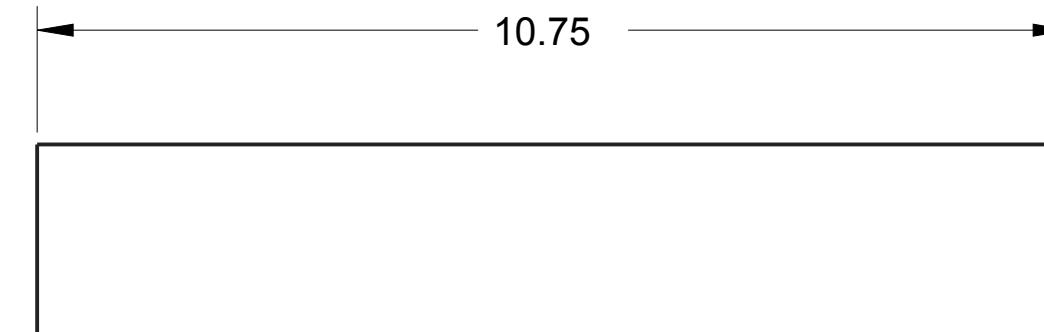
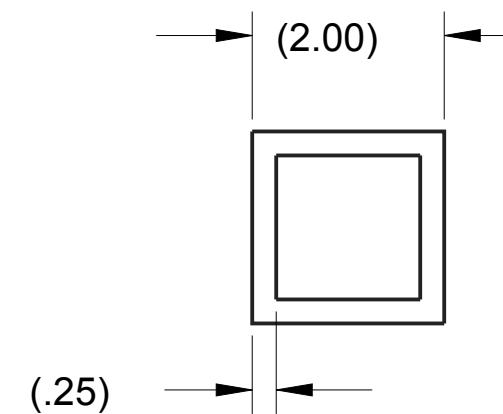
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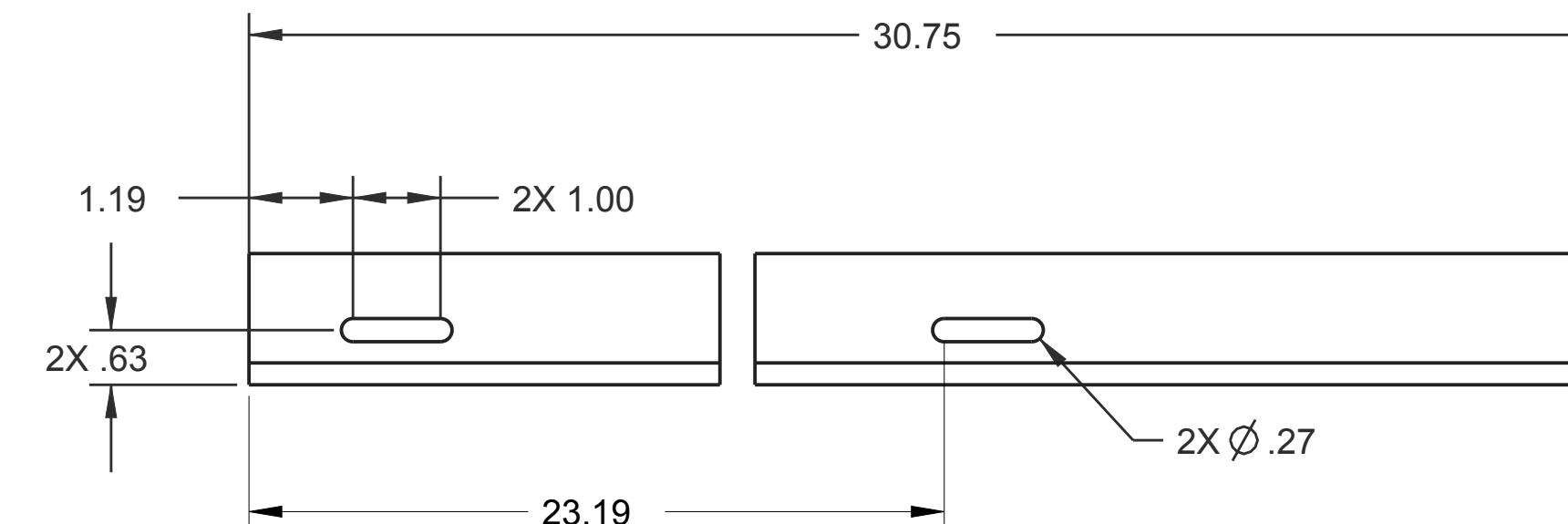
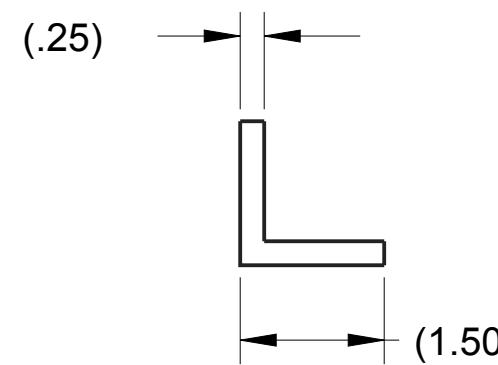
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MODEL NAME  
GE-17033

TITLE  
Floor Frame, Airship



Part Number: GE-17033-07  
Material: 2" x .25" wall Square tubing, 6061 Aluminum  
QTY: 3



Part Number GE-17033-08  
Material: 1-1/2" Aluminum Angle 6063 T  
QTY: 1

	<p><b>FIRST</b></p>	DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 11:192	SHEET 6 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	Floor Frame, Airship	
DO NOT SCALE	PROJECT	MODEL NAME	GE-17033
		ISSUE	

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MODEL NAME GE-17034	TITLE Floor, Airship
------------------------	-------------------------

REV	ZONE	DESCRIPTION	DATE	INITIALS
A	4	Added Note and Material	11/13/2016	MXS

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C

35.13  
33.39

RIGHT

1.73  
.00

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20.28  
21.2858.04  
59.04  
61.0478.32  
79.32

(.50)

RIGHT

TOP

RIGHT

Note:  
One side Painted BlackPart Number: GE-17034  
Material: 1/2" Plywood

		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.X +/- .0001 ANG +/- 1			TITLE Floor, Airship
DO NOT SCALE			PROJECT MODEL NAME GE-17034 ISSUE

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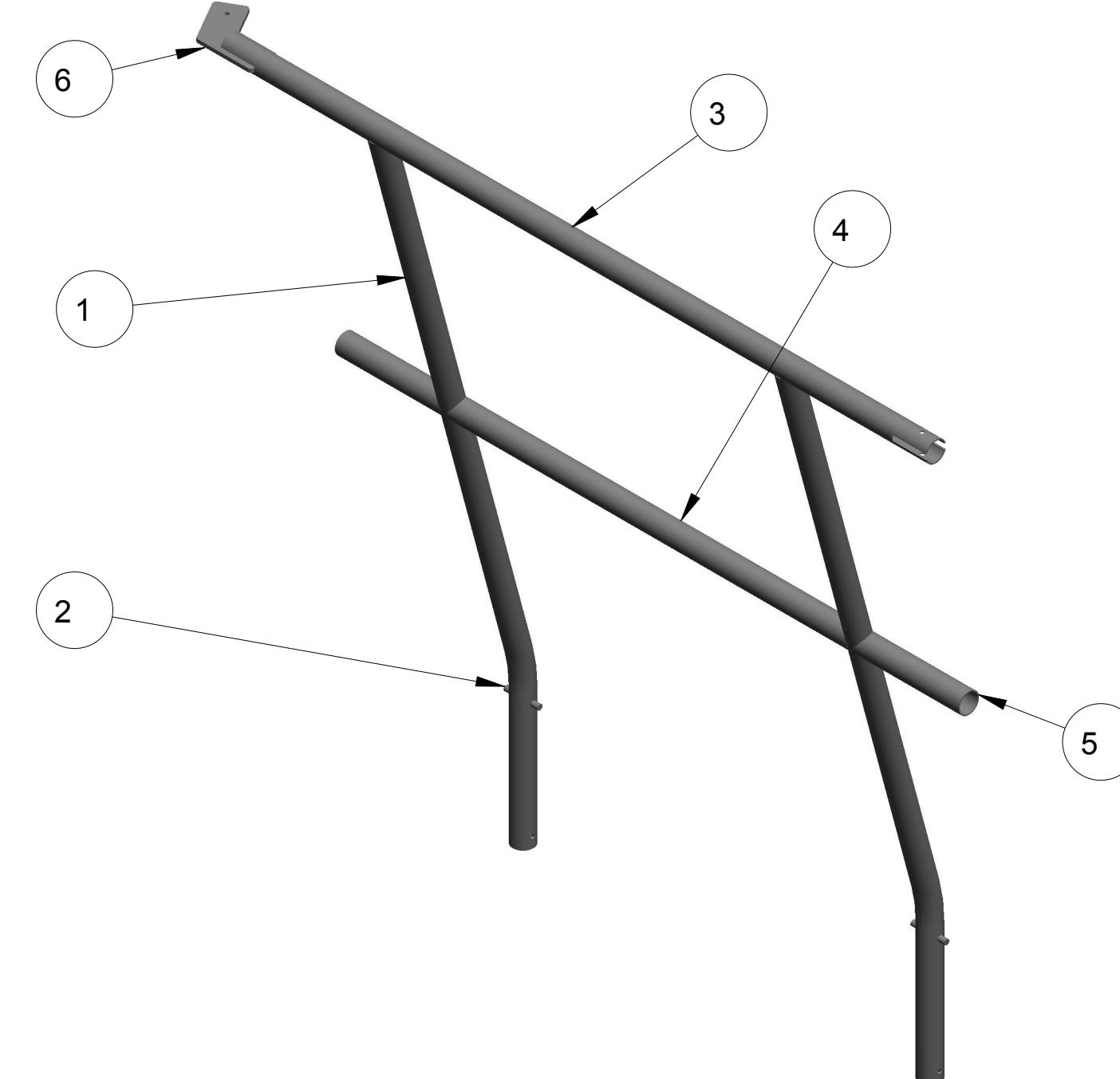
ASME STANDARD,INCH

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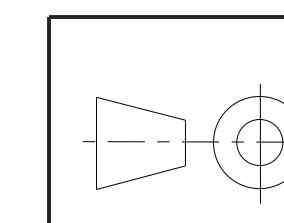
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MODEL NAME  
GE-17044TITLE  
Rail, Airship

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17044-01	2	Tube	
2	GE-17044-02	2	Rod	
3	GE-17044-03	1	Tube	
4	GE-17044-04	1	Tube	
5	GE-17044-05	2	Tube	
6	GE-17044-06	1	Sheet	

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CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:8	SHEET 1 OF 4

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	Rail, Airship	
PROJECT	MODEL NAME GE-17044	ISSUE

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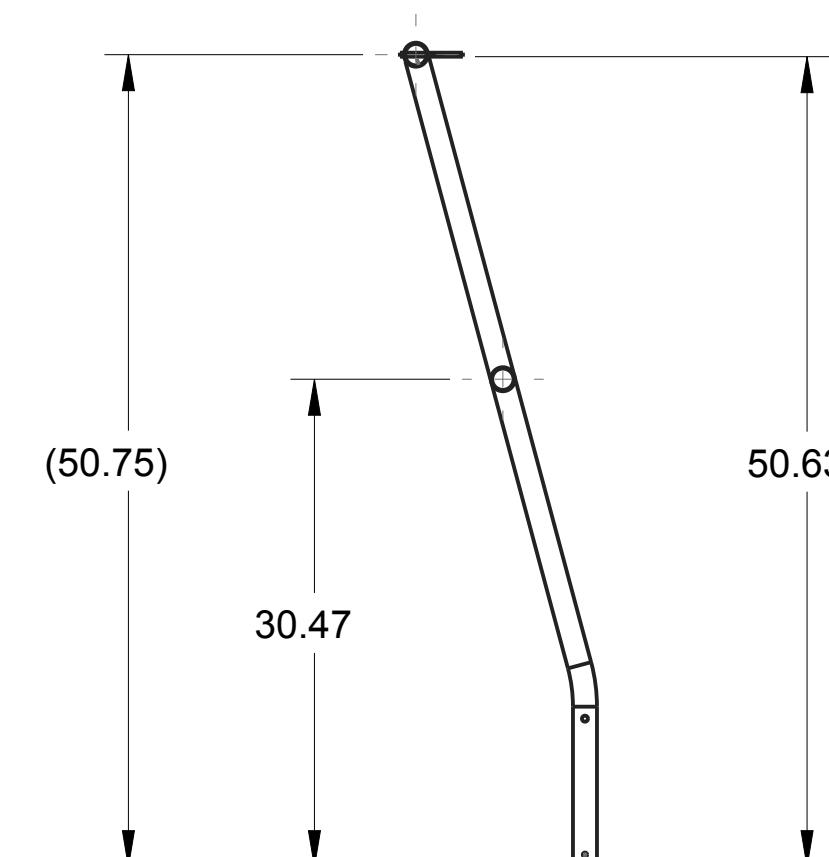
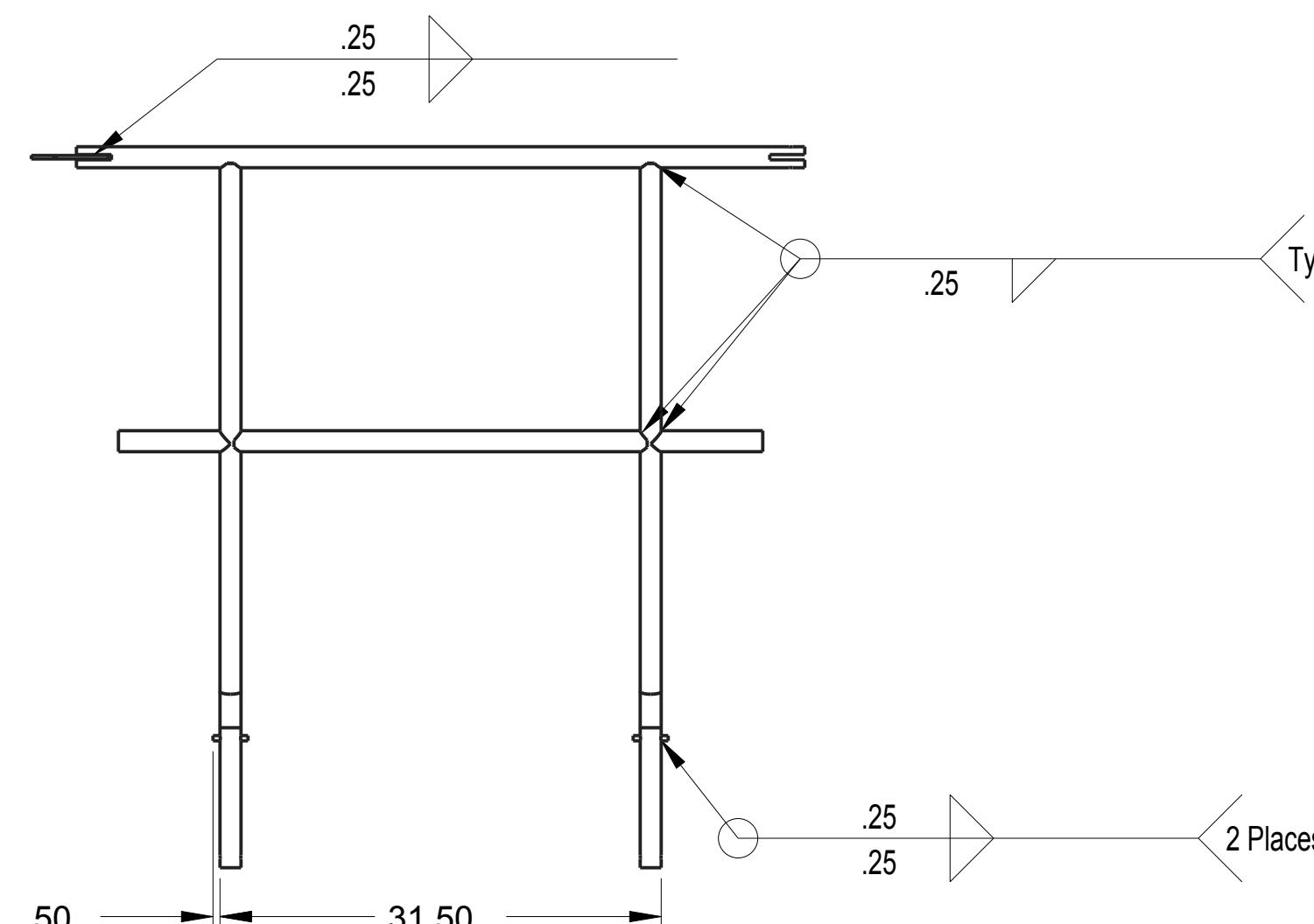
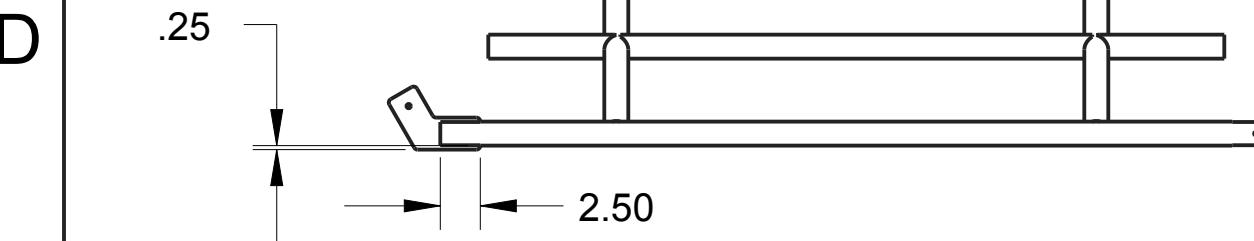
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MODEL NAME  
GE-17044TITLE  
Rail, Airship

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		APPROVED BY	DATE	
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DO NOT SCALE		TITLE	Rail, Airship	
PROJECT		MODEL NAME	GE-17044	
ISSUE				

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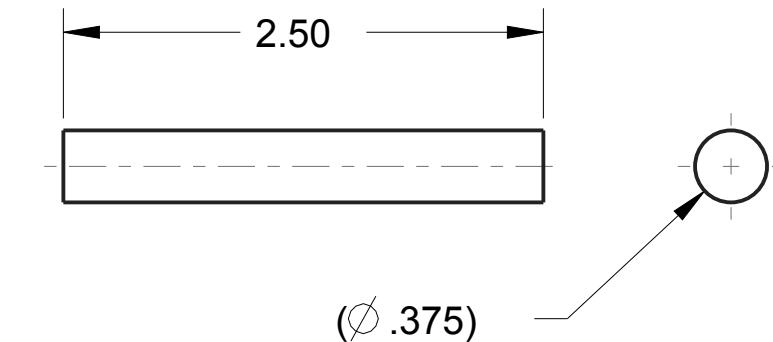
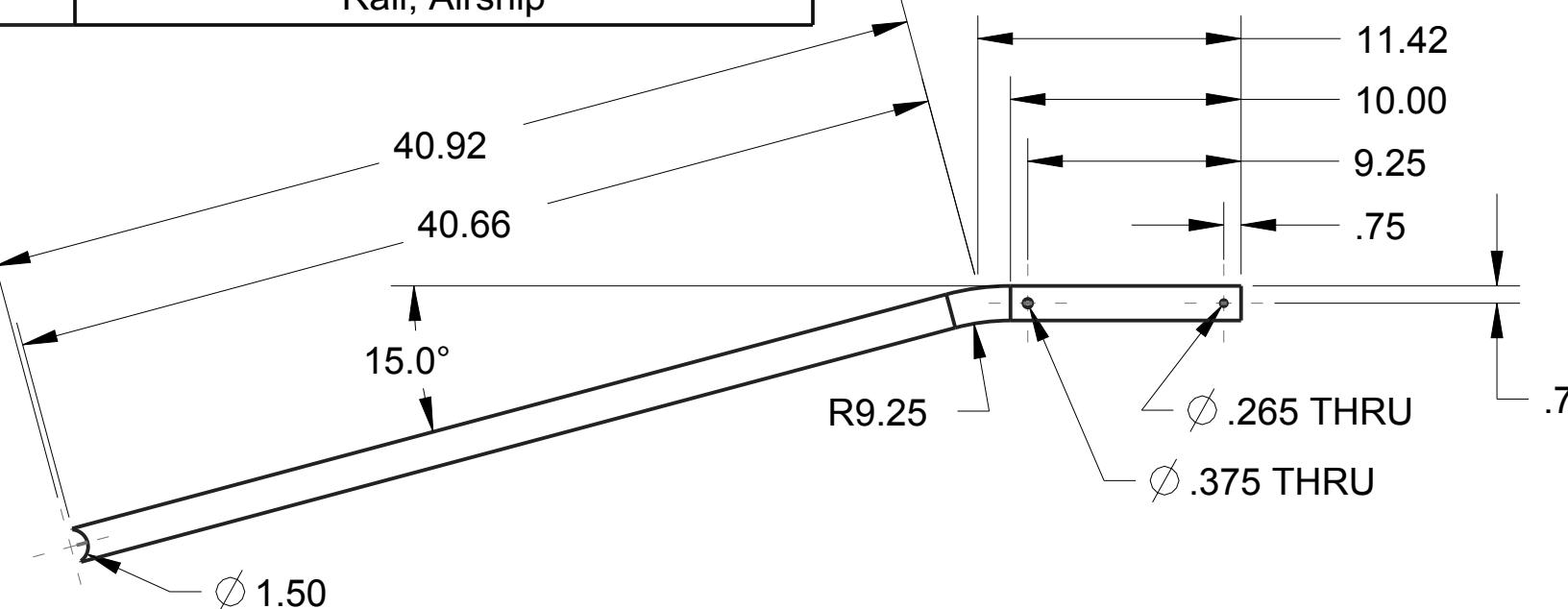
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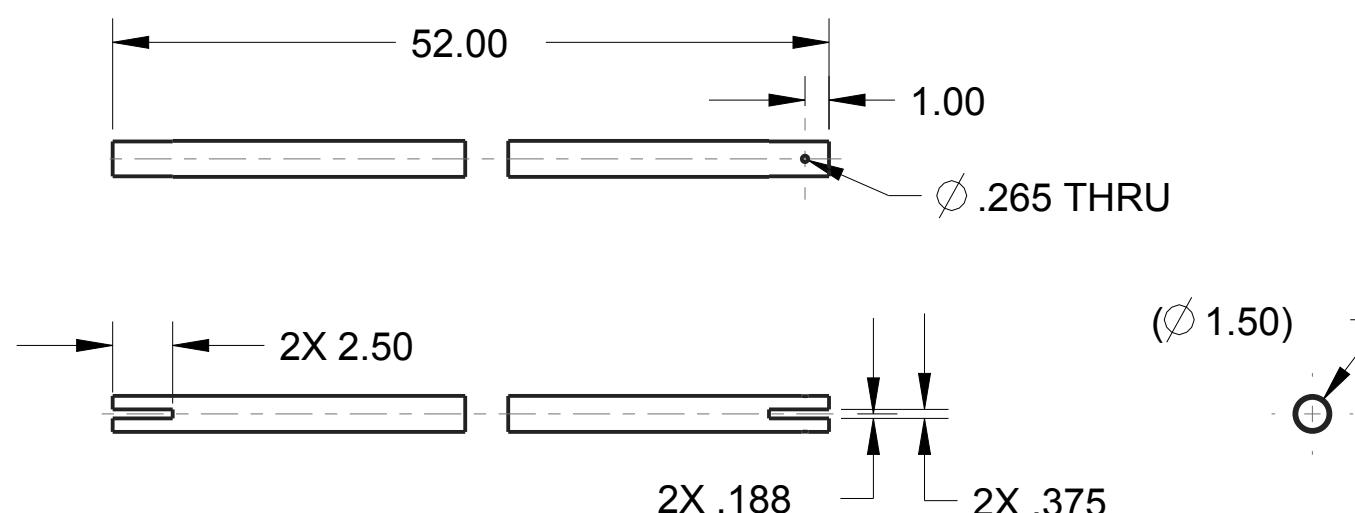
MODEL NAME  
GE-17044

TITLE  
Rail, Airship



PART NUMBER: GE-17044-02  
MATERIAL: 3/8" STEEL ROD  
QTY.: 2

PART NUMBER: GE-17044-03  
MATERIAL: 1-1/2" X .83" WALL  
DOM A513 STEEL TUBE  
QTY.: 1



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



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CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:8	SHEET 3 OF 4

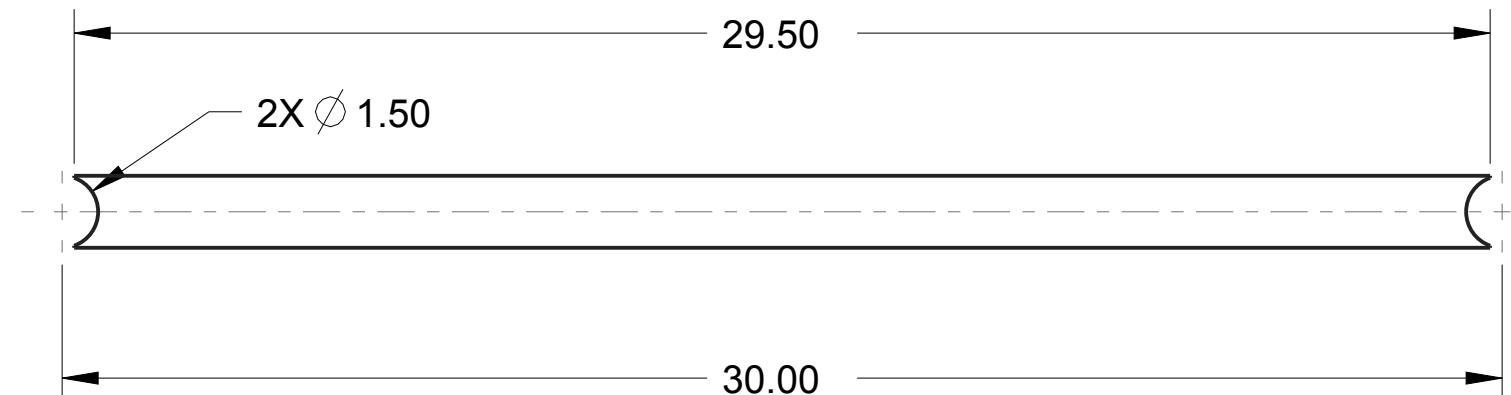
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Rail, Airship  
PROJECT  
MODEL NAME  
GE-17044  
ISSUE

MODEL NAME  
GE-17044

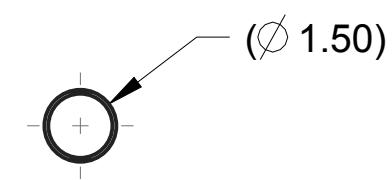
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TITLE  
Rail, Airship

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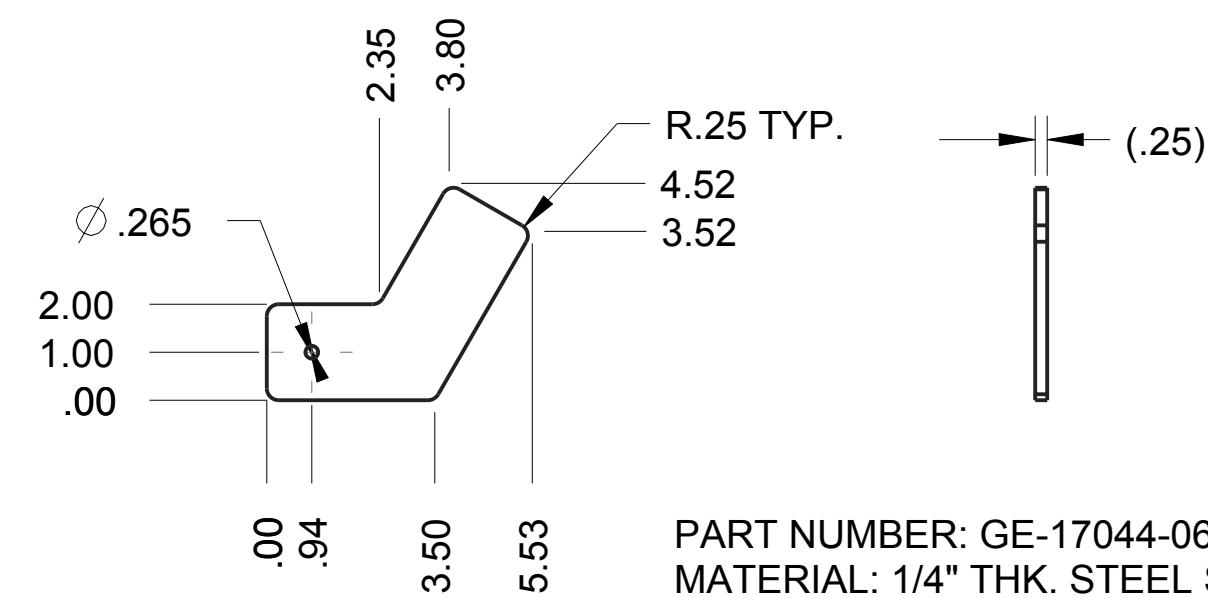
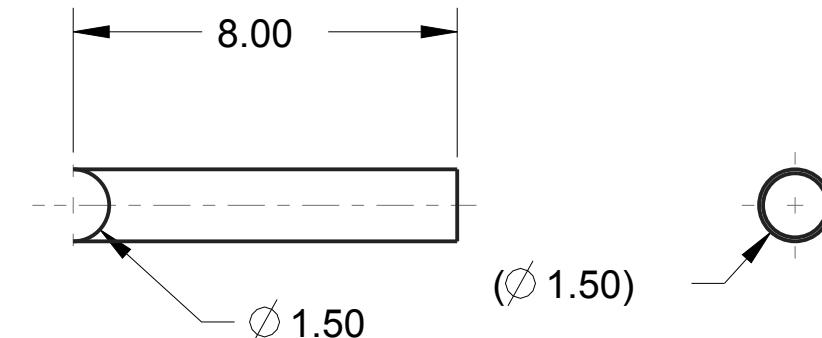


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PART NUMBER: GE-17044-04  
MATERIAL: 1-1/2" X .83" WALL DOM A513 STEEL TUBE  
QTY.: 1



PART NUMBER: GE-17044-05  
MATERIAL: 1-1/2" X .83" WALL DOM A513 STEEL TUBE  
QTY.: 2

PART NUMBER: GE-17044-06  
MATERIAL: 1/4" THK. STEEL SHEET  
QTY.: 1



DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:8	SHEET 4 OF 4

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	Rail, Airship	
PROJECT	MODEL NAME GE-17044	ISSUE

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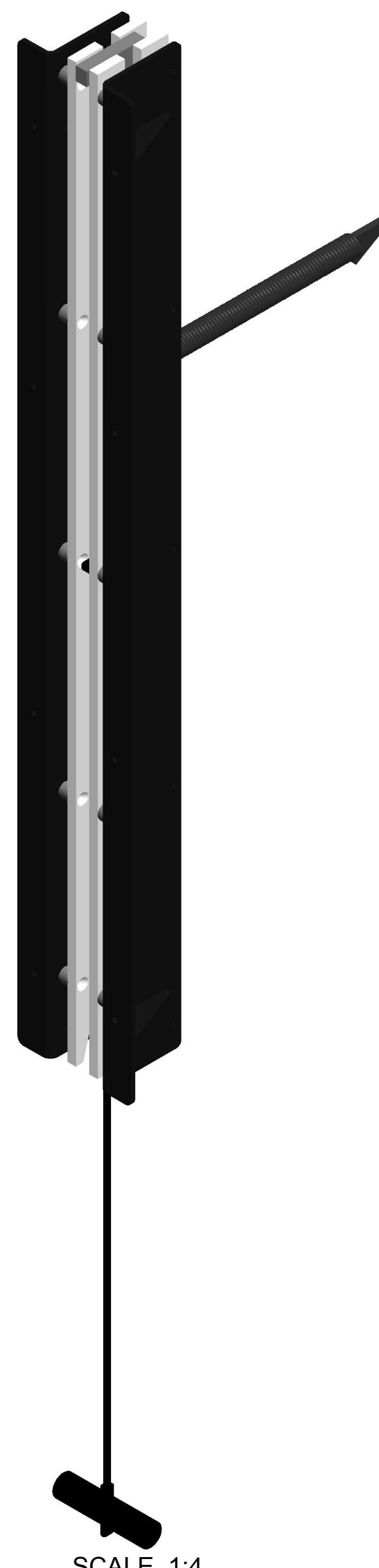
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MODEL NAME GE-17046	TITLE
------------------------	-------



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17047	1	Carriage Assembly	
2	GE-17052	1	Lift Frame Assembly	Mirrored Assembly of GE-17059
3	GE-17059	1	Lift Frame Assembly Left	

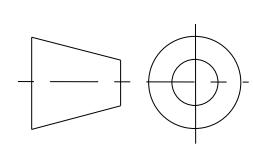
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ASME STANDARD,INCH

 	 <b>FIRST</b>	DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:12	SHEET 1 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-17046	ISSUE

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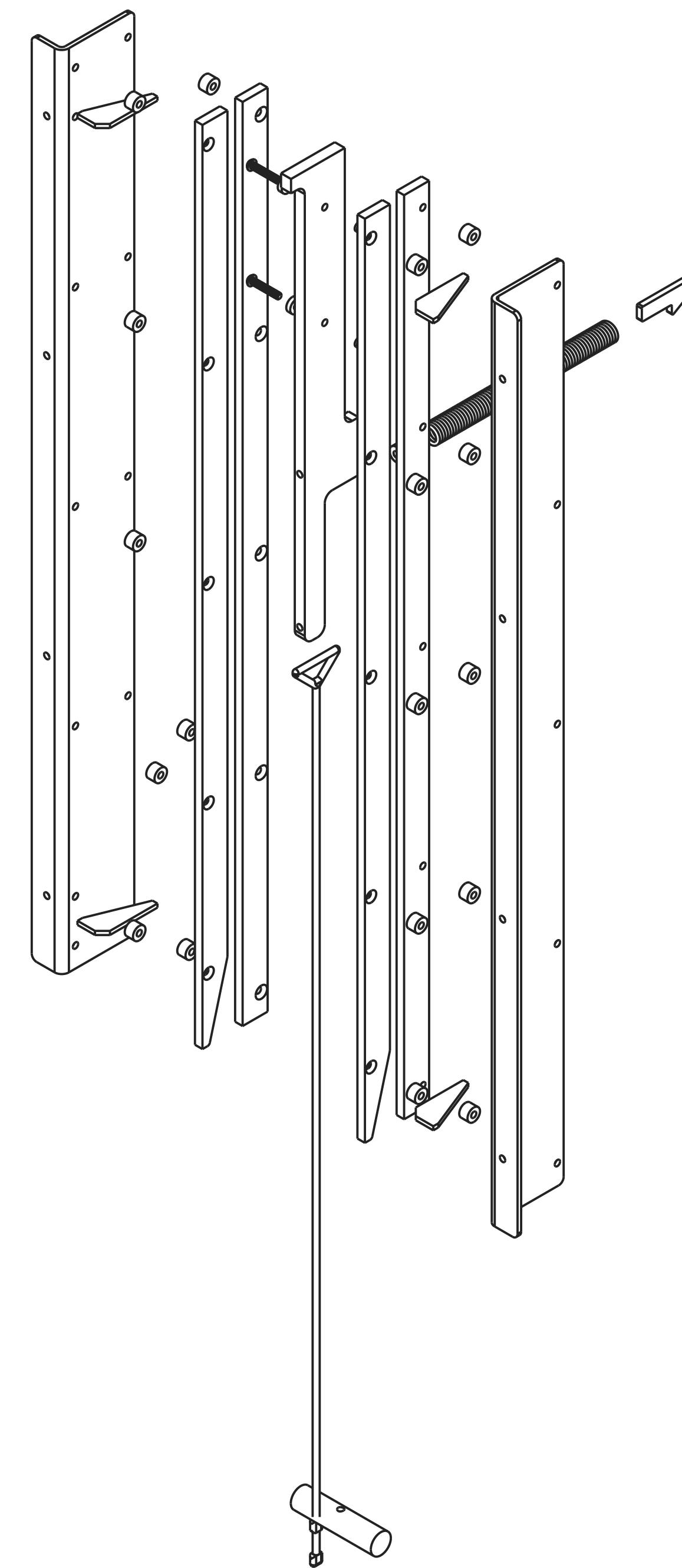
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MODEL NAME  
GE-17046

TITLE

## Exploded View of Assembly



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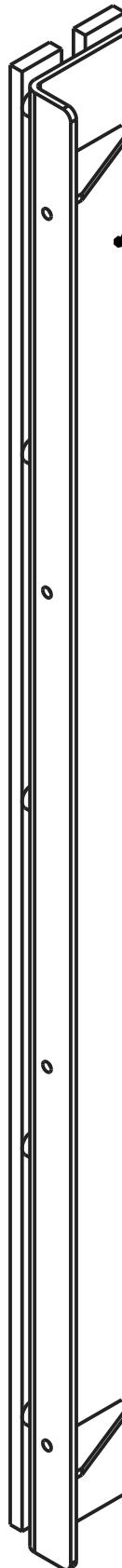
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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:12	SHEET 2 OF 3
DO NOT SCALE	TITLE		
	PROJECT	MODEL NAME	ISSUE
		GE-17046	

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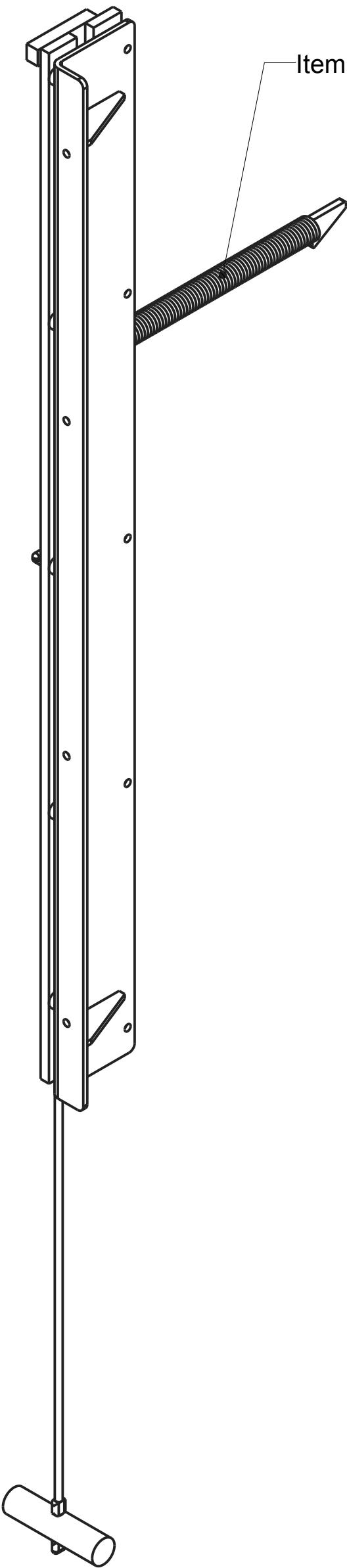
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Item 1

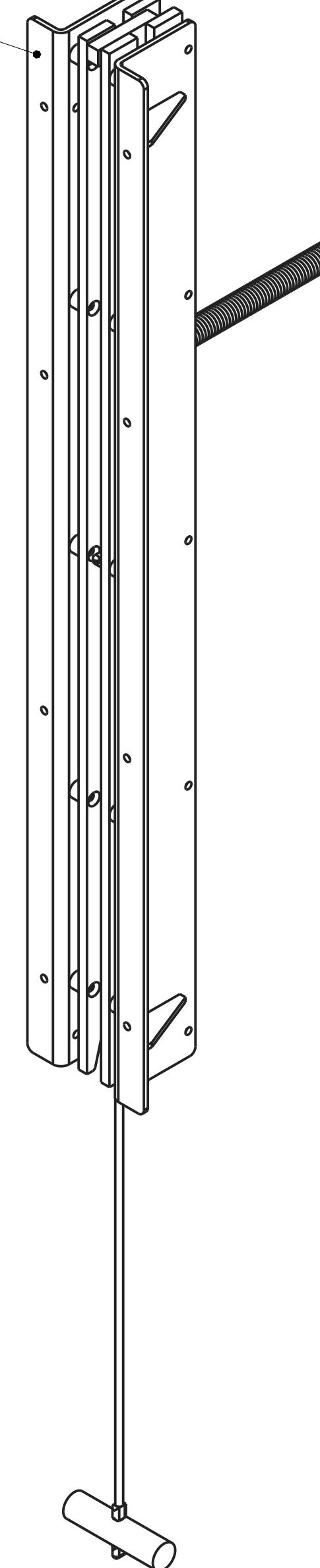
Step 1:  
Using Item 1 as base connect Item 2



Item 2

Step 2:  
Attach Item 2 inside HDPE slides

Item 3

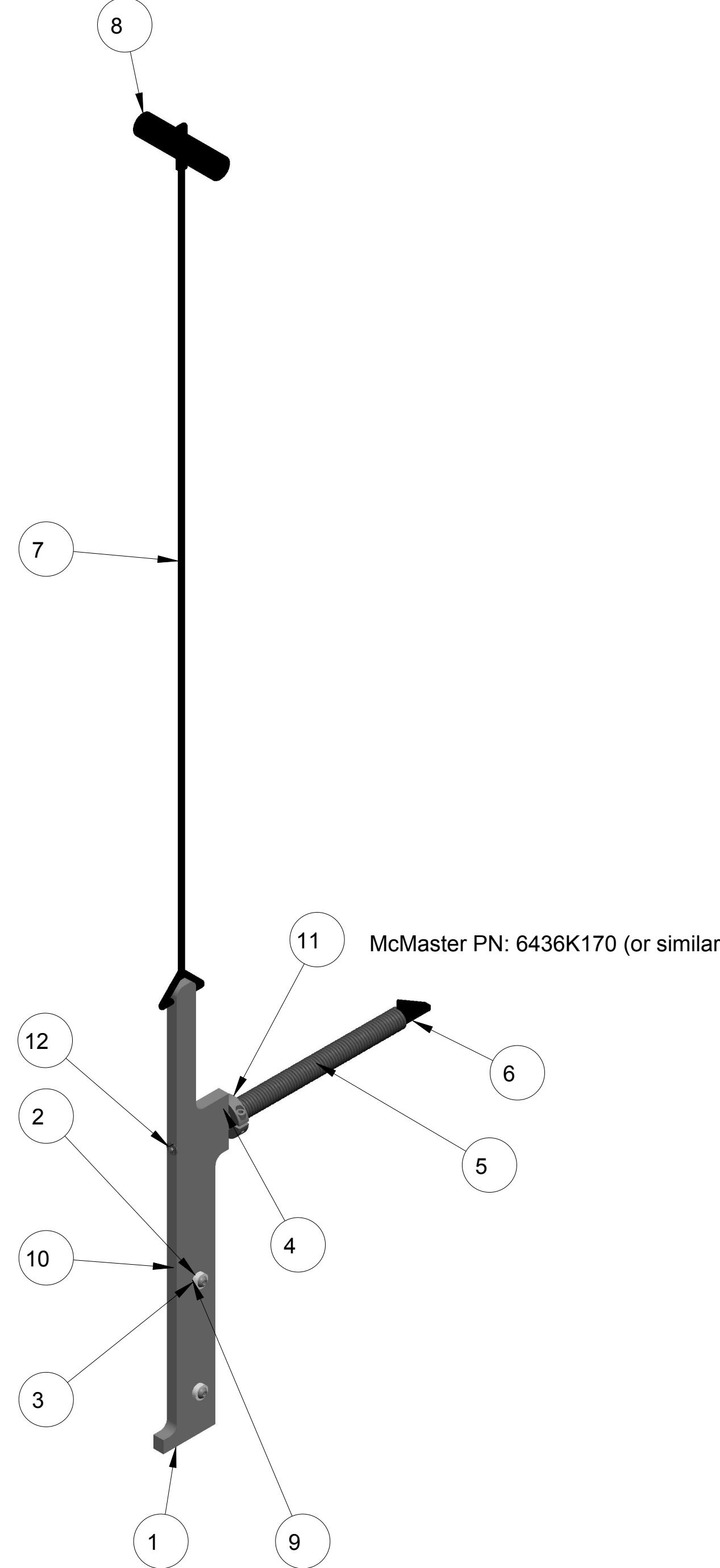


Step 3:  
Attach Item 3 mirrored to item 1  
Add hardware to attach.

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	APPROVED BY	DATE
	SCALE 1:12	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	
DO NOT SCALE	PROJECT	MODEL NAME GE-17046
		ISSUE

MODEL NAME GE-17047	TITLE Carriage Assembly
------------------------	----------------------------

REV	ZONE	DESCRIPTION	DATE	INITIALS
A	A-3	Added Item 11 and 12. Item 10 Qty. changed from 2 to 3. Other various clarifications on assembly.	DAF	1/27/2016

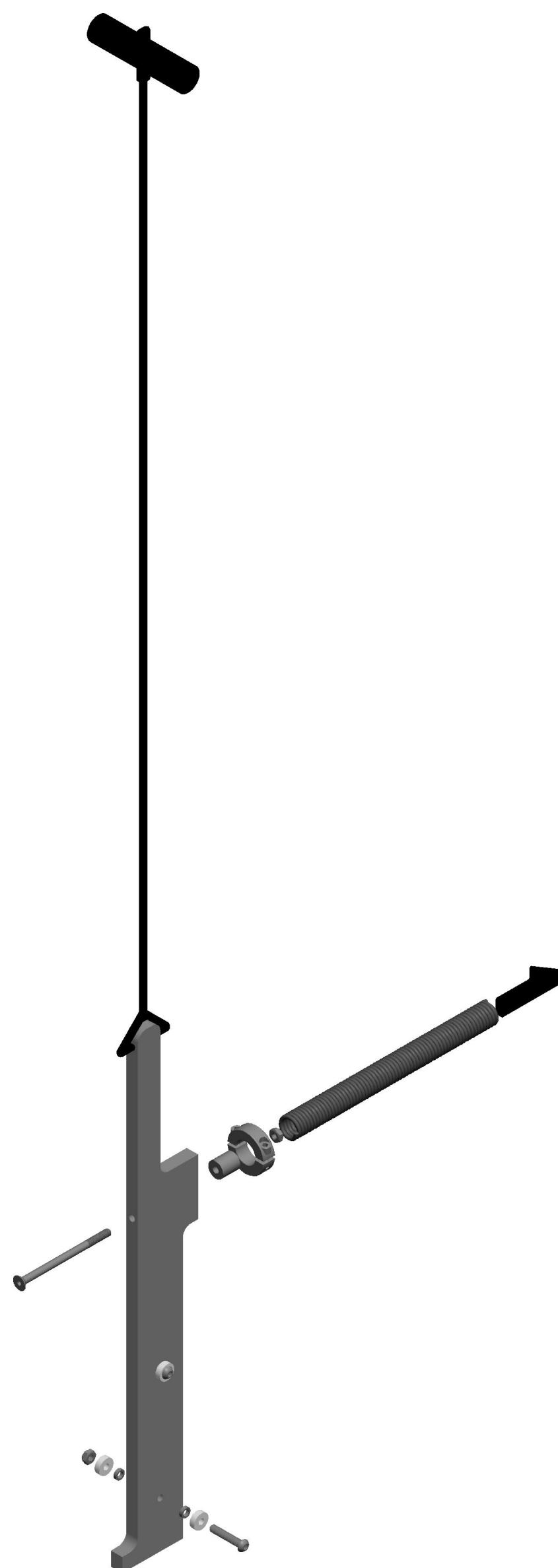


	DRAWN BY _____ CHECKED BY _____ APPROVED BY _____	DATE _____	
		SCALE 1:12	SHEET 1 OF 3
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXXX +/- 0.001 ANG +/- 1		TITLE <b>Carriage Assembly</b> PROJECT MODEL NAME <b>GE-17047</b> ISSUE	
DO NOT SCALE			

MODEL NAME  
GE-17047

TITLE  
Carriage Assembly

Exploded View of Assembly



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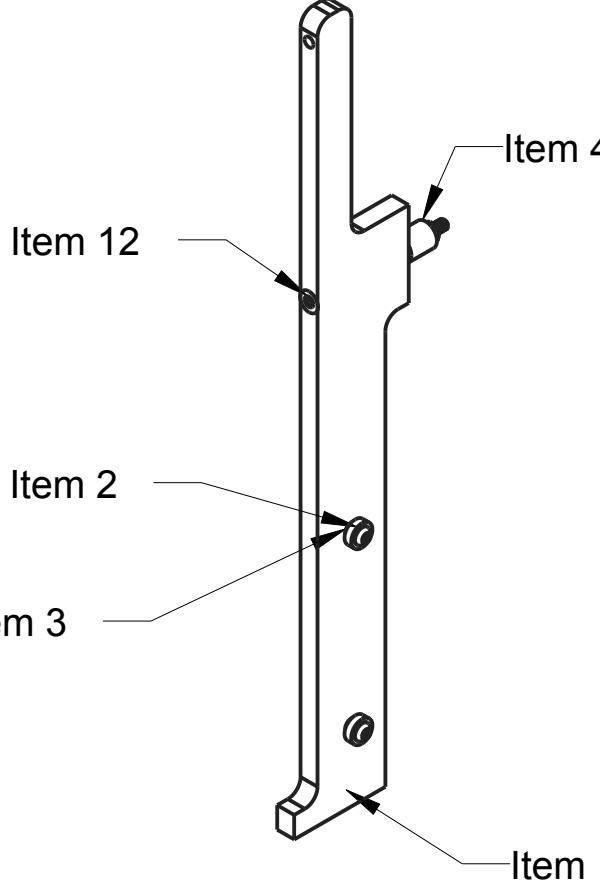
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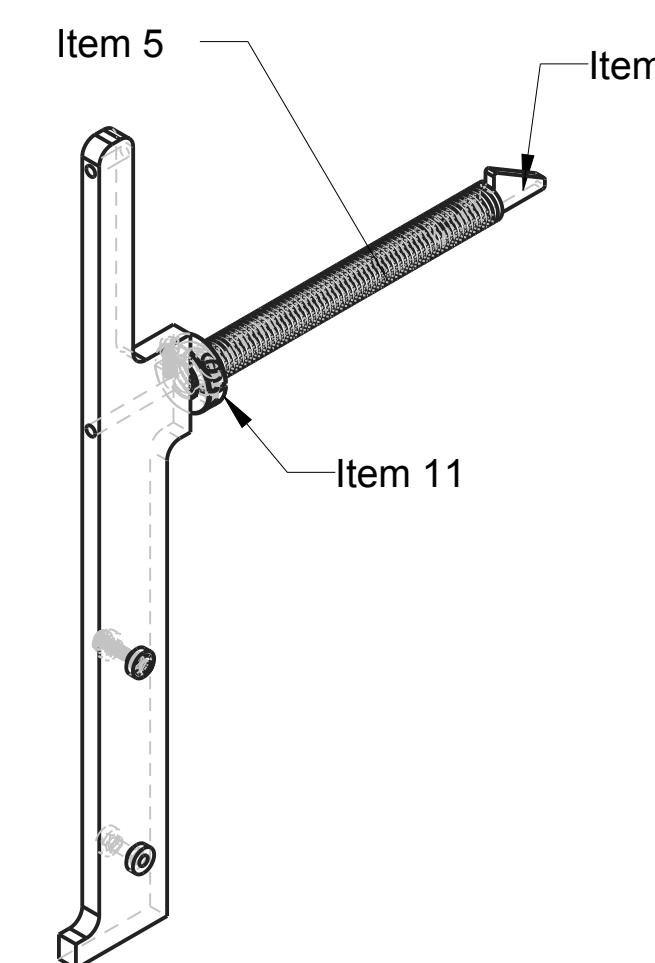
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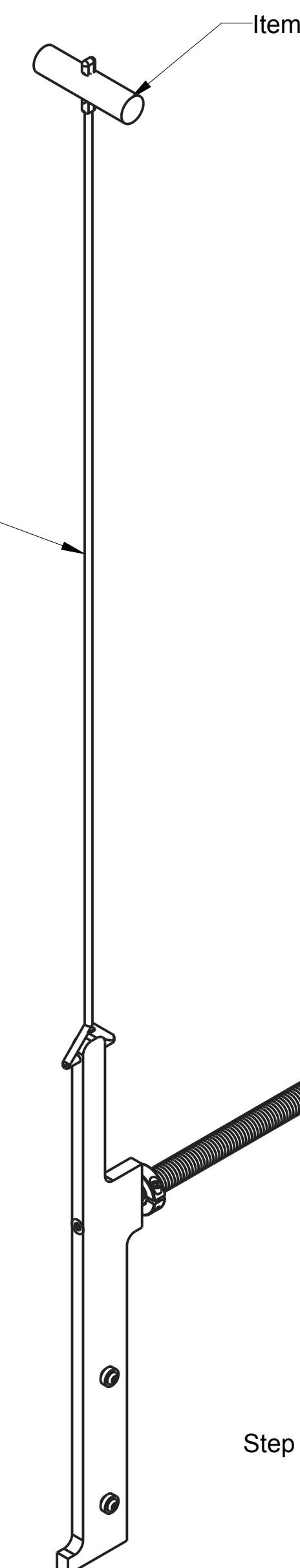
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	TITLE Carriage Assembly	PROJECT	MODEL NAME GE-17047
DO NOT SCALE	ISSUE		



- Step 1:**
1. Attach Bearings to Item 1 as shown. Place a spacer in between Item 1 and each bearing. secure with bolts.
  2. Attach item 4 to Item 1 using Item 12 and a nut.



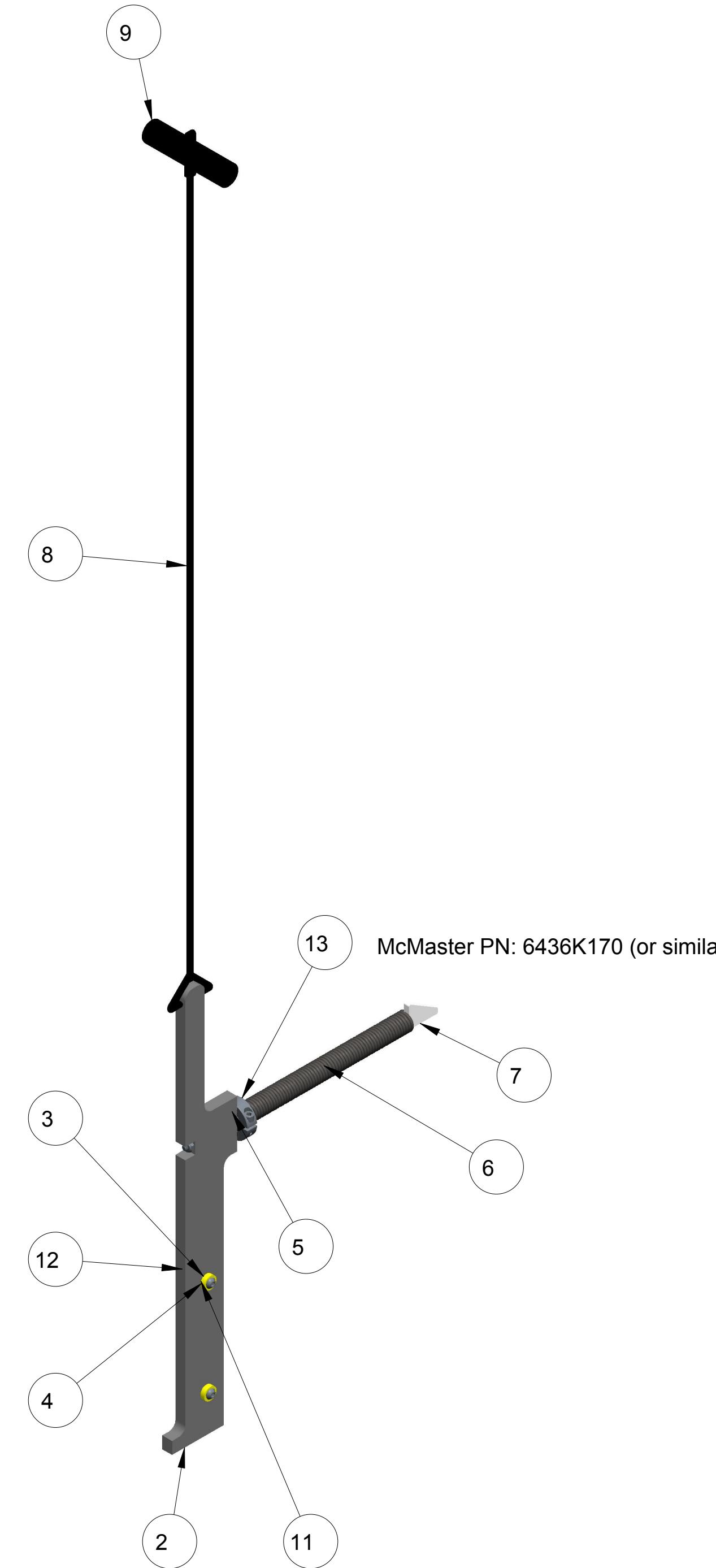
- Step 2:**  
Attach Item 5 and 6 to Item 1 using the clamp collar.



**Step 3:** Tie Item 8 around top and finish.

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:12	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	Carriage Assembly
DO NOT SCALE	PROJECT	MODEL NAME GE-17047
		ISSUE

MODEL NAME GE-17047	TITLE Carriage Assembly
------------------------	----------------------------



REV	ZONE	DESCRIPTION	DATE	INITIALS
A	A-3	Added Item 11 and 12. Item 10 Qty. changed from 2 to 3. Other various clarifications on assembly.	DAF	1/27/2016
B		Added Item 1, 10 and 14. Items re-numbered. Modified Item 2.	JRF	3/21/2017

ITEM NO	PART NUMBER	QTY	DESCRIPTION
1	AS38-14-64	1	Alum Spacer 3/8 OD .257 ID x 1 long
2	GE-17048	1	Carriage Body
3	GE-17050	4	Bearing, 1/4" ID
4	GE-17051	4	Spacer, 1/4" ID
5	GE-17061	1	Spring Post
6	GE-17063	1	Peg, Lift
7	GE-17064	1	Peg, Point
8	GE-17227	1	PULL CORD
9	GE-17228	1	Pull Handle
10	GE-17448	1	3/8" ID Flexible Steel Conduit
11	HW-00501	2	1/4-20 x 1 3/8" Button Head Screw
12	HW-00502	3	Nut, Nylock, 1/4-20
13	MMC6436K170	1	Clamp Collar, 7/8" Bore
14	MMC92196A307	1	1/4-20 x 4 1/4 Socket Cap Screw

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:12	SHEET 1 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1		TITLE	
		Carriage Assembly	
DO NOT SCALE		PROJECT	MODEL NAME
		GE-17047	ISSUE

MODEL NAME  
GE-17047

TITLE  
Carriage Assembly

Exploded View of Assembly

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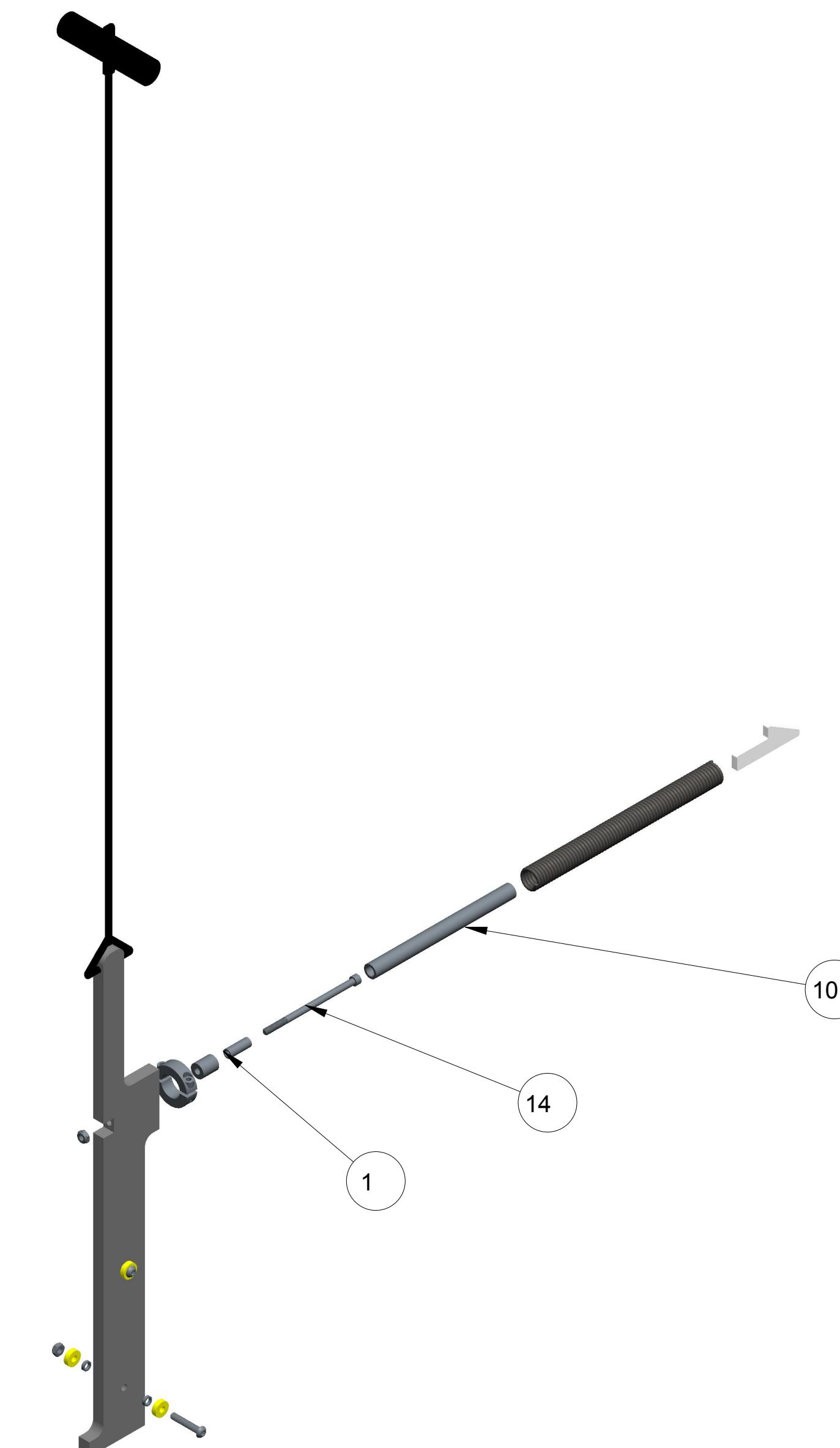
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	TITLE Carriage Assembly	PROJECT	MODEL NAME GE-17047
DO NOT SCALE	ISSUE		

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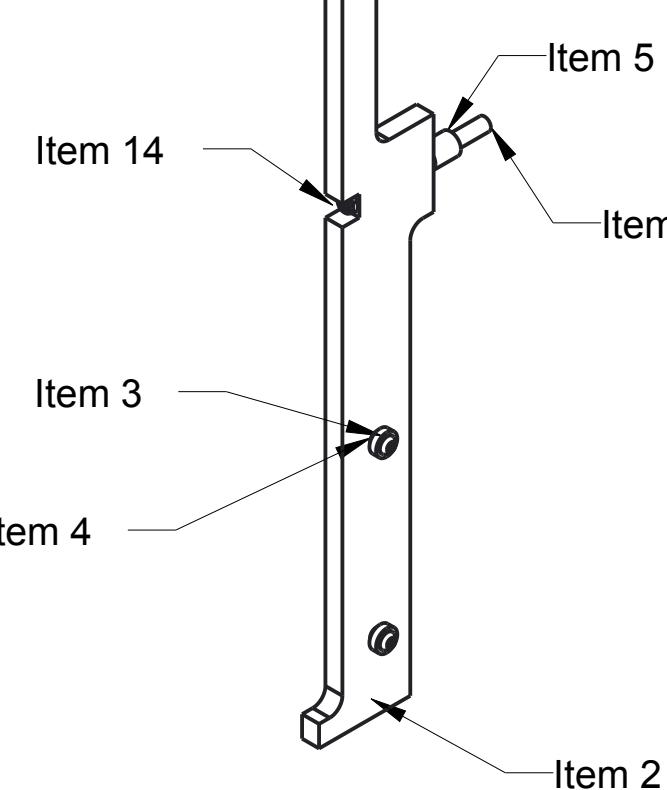
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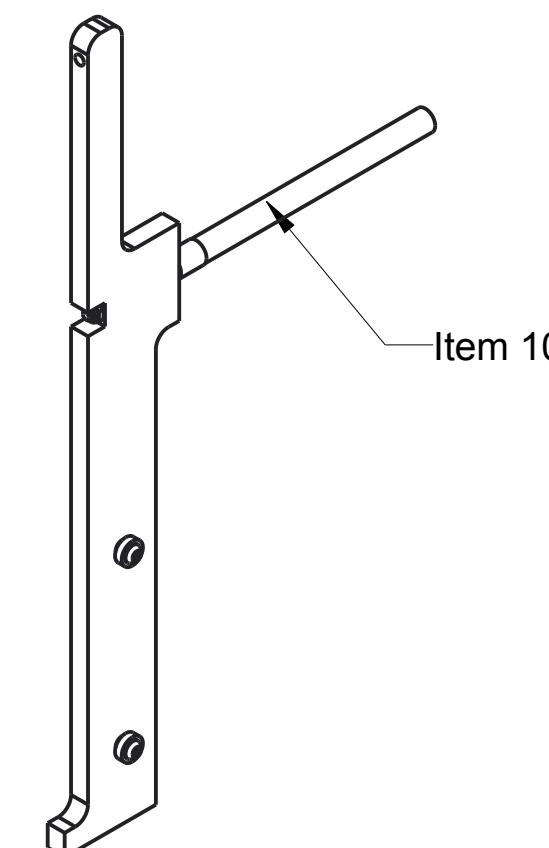
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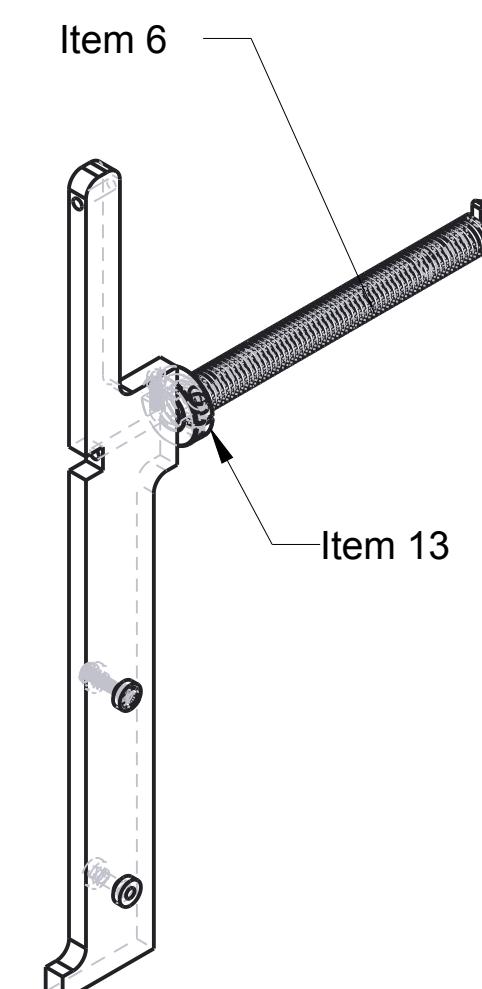
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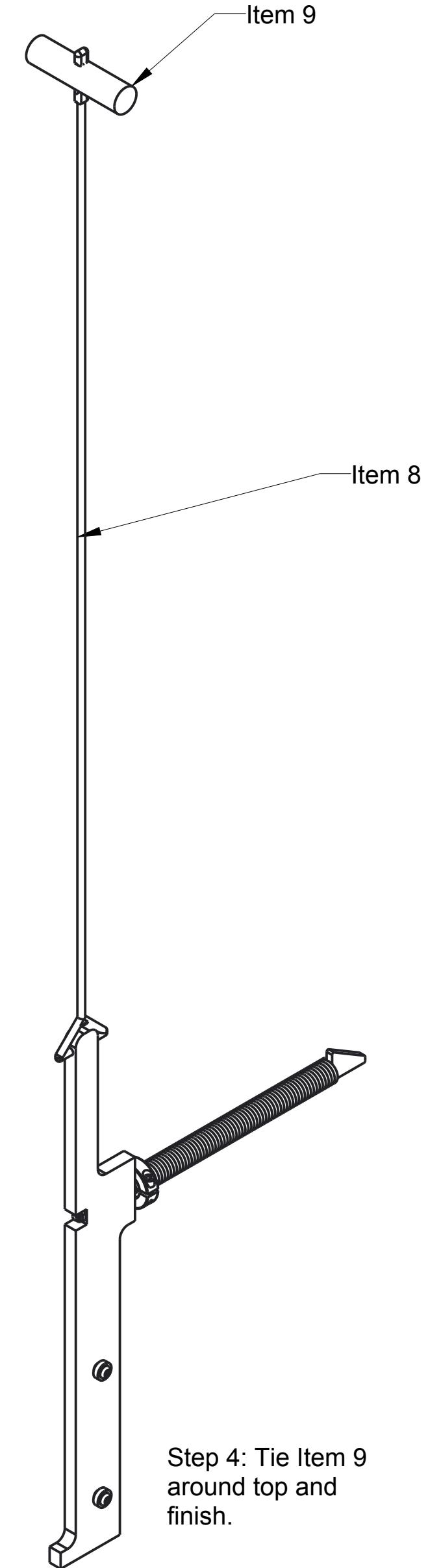
- Step 1:**
1. Attach Bearings to Item 2 as shown. Place a spacer in between Item 2 and each bearing. Secure with bolts.
  2. Attach item 5 and Item 1 to Item 2 using Item 14 and a nut.



- Step 2:**  
Slip conduit onto Item 1.



- Step 3:**
1. Slip Item 6 over Item 10, and secure using the clamp collar.
  2. Press Item 7 into Item 6. Push far enough in to secure conduit in position.



- Step 4:** Tie Item 9 around top and finish.

<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 1:12	SHEET 3 OF 3
DO NOT SCALE	TITLE	Carriage Assembly
PROJECT	MODEL NAME	GE-17047
	ISSUE	

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MODEL NAME GE-17048	TITLE Carriage Body
------------------------	------------------------

REV A	ZONE D-1	DESCRIPTION Added 1.69 Dim	DATE DAF	INITIALS 1/3/2016
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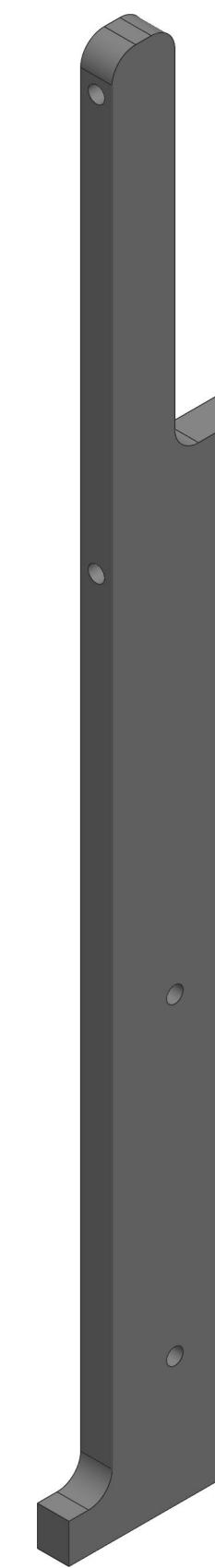
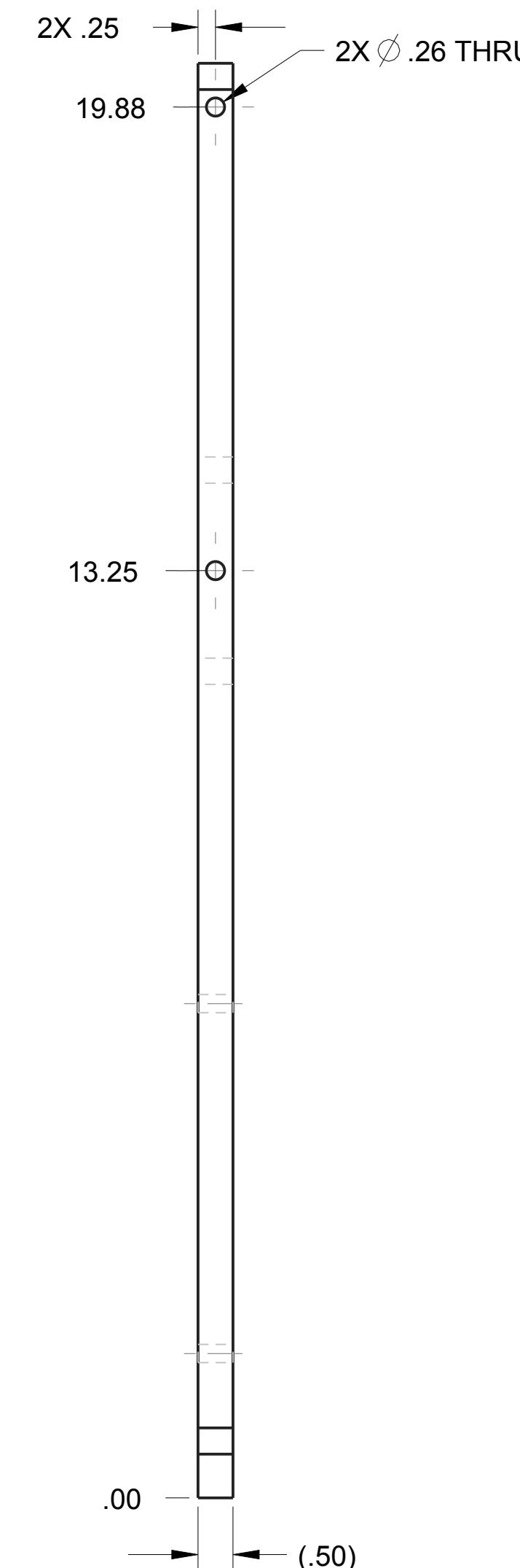
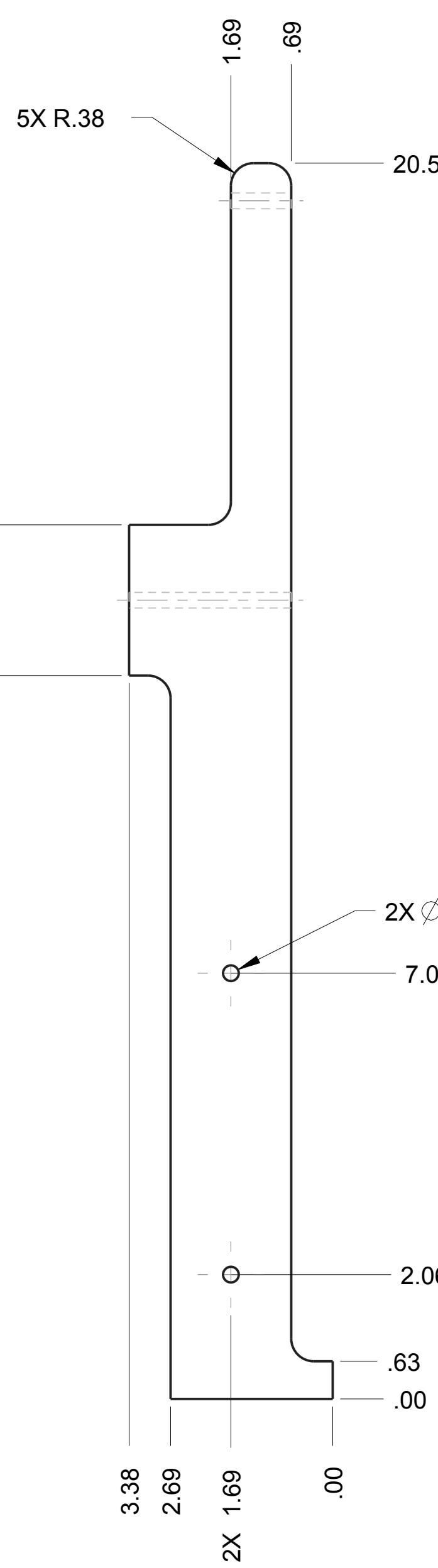
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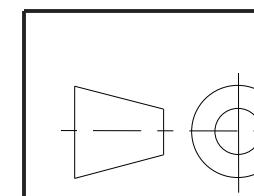
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Part Number: GE-17048  
Material: .50 HDPE Black Sheet

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APPROVED BY	DATE	
SCALE 1:2	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 Carriage Body	PROJECT
DO NOT SCALE	MODEL NAME GE-17048	ISSUE

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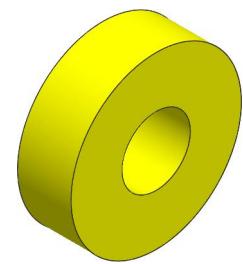
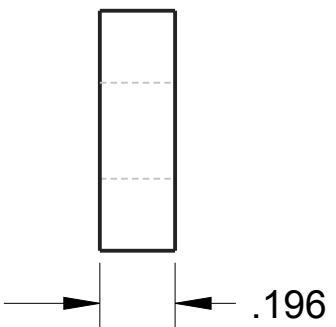
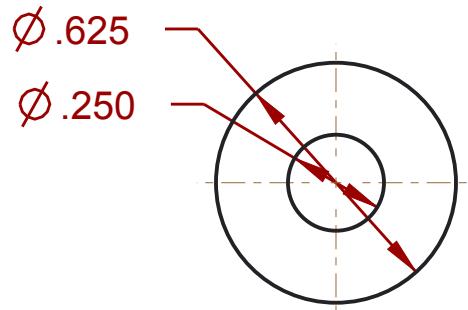
MODEL NAME  
GE-17050

TITLE

# Bearing, 1/4" ID

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## NOTE

PN: GE-17050

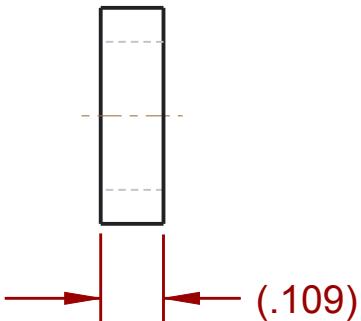
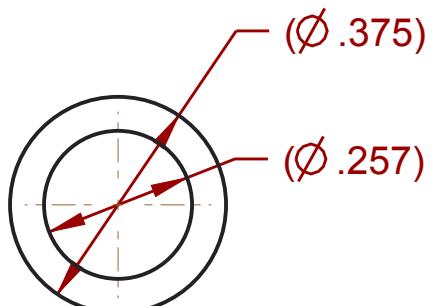
MATERIAL: 1/4" ID RADIAL BEARING

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		CHECKED BY	DATE
		APPROVED BY	DATE
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XXX +/- .001 XXXX +/- .0001 ANG +/- 1	TITLE		
DO NOT SCALE	Bearing, 1/4" ID		
PROJECT	MODEL NAME	ISSUE	
	GE-17050		

MODEL NAME  
GE-17051

TITLE

## Spacer, 1/4" ID



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## NOTES

MATERIAL: ALUMINUM  
ALUMINUMSPACERS.COM PN: #AS38-14-7

		DRAWN BY _____ DATE _____
		CHECKED BY _____ DATE _____
		APPROVED BY _____ DATE _____
SCALE 3:1		SHEET 1 OF 1
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1	TITLE <b>Spacer, 1/4" ID</b>	
DO NOT SCALE	PROJECT	MODEL NAME GE-17051
		ISSUE

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MODEL NAME  
GE-17053

TITLE  
Bearing Surface, Long

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5X .31

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1.00

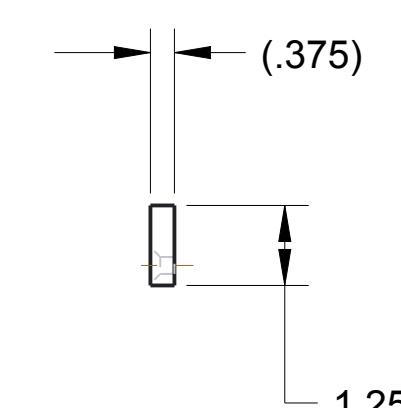
10.50

20.00

29.50

39.00

40.00

5X  $\phi$  .254 THRU  
 $\phi$  .477 x 82°

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Part Number: GE-17053  
Material: .375 White HDPE Sheet

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DO NOT SCALE	TITLE	Bearing Surface, Long	
PROJECT	MODEL NAME	GE-17053	ISSUE

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ASME STANDARD, INCH

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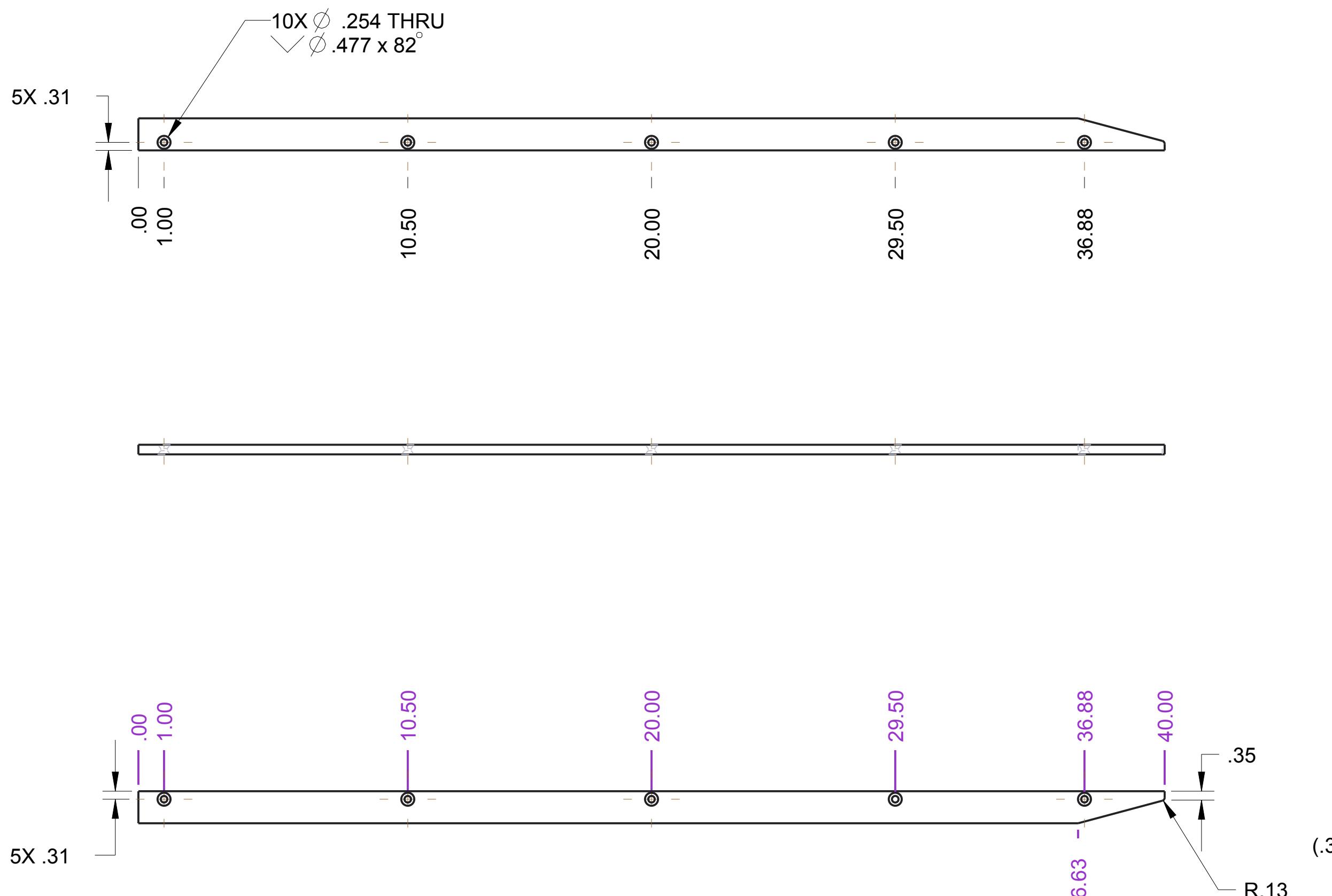
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MODEL NAME  
GE-17054TITLE  
Bearing Surface, Short

Part Number: GE-17054  
Material: .375 White HDPE Sheet

		DRAWN BY	DATE
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		APPROVED BY	DATE
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SHEET 1 OF 1			
DO NOT SCALE	TITLE Bearing Surface, Short		
PROJECT		MODEL NAME	GE-17054
ISSUE			

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MODEL NAME  
GE-17057

TITLE  
Spacer, 1/4" ID

D

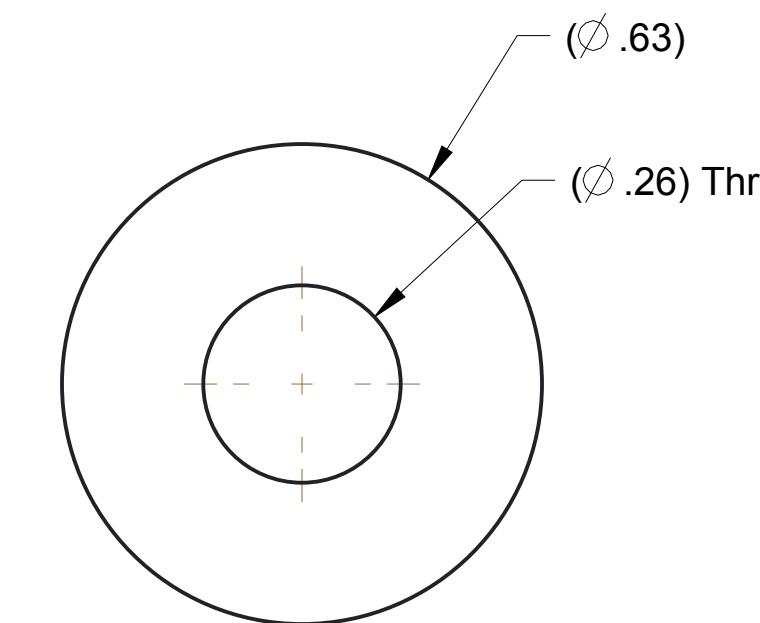
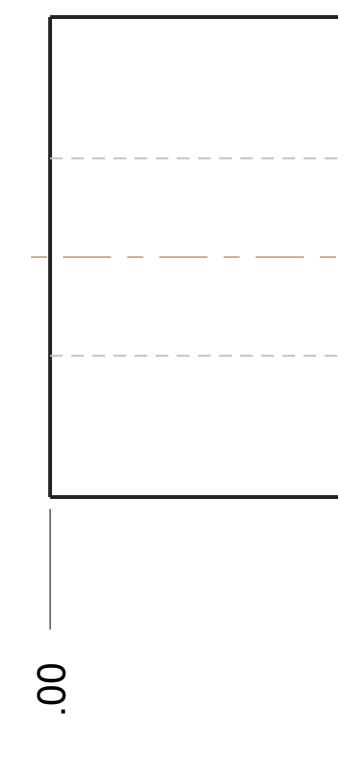
D

C

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Part Number: GE-17057  
Material: .25" ID Aluminum Spacer  
PN: www.aluminumspacers.com AS62-14-26

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
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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.XX +/- 0.001 ANG +/- 1	TITLE <b>Spacer, 1/4" ID</b>	PROJECT	MODEL NAME GE-17057
DO NOT SCALE			ISSUE

1

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4

ASME STANDARD,INCH

MODEL NAME GE-17058	TITLE Lift Angle
------------------------	---------------------

REV	ZONE	DESCRIPTION	DATE	INITIALS
A	--	SEE SHEET 4	DAF	12/8/2016

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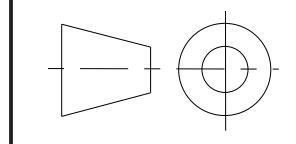
A

A



Notes:  
1. Finish: Black Paint

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17058-01	1	Frame Angle	
2	GE-17058-02	2	Angle Support	

 		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 9:64	SHEET 1 OF 4
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1	TITLE  Lift Angle		
DO NOT SCALE	PROJECT	MODEL NAME GE-17058	ISSUE

1

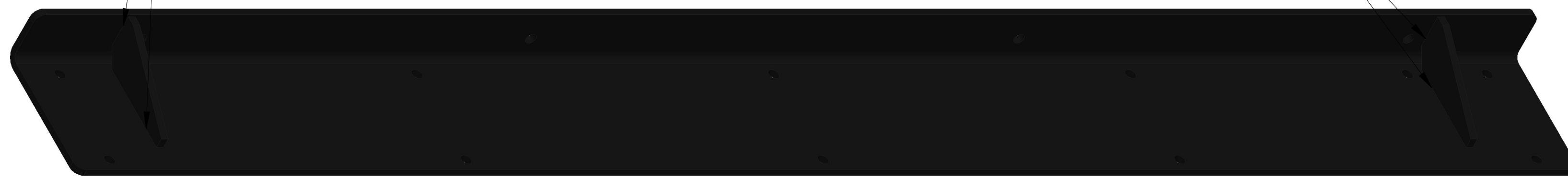
2

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MODEL NAME  
GE-17058TITLE  
Lift Angle

2 Places .25 .25



2 Places .25 .25

D

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	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 9:64	SHEET 2 OF 4
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1	TITLE <b>Lift Angle</b>	
DO NOT SCALE	PROJECT	MODEL NAME GE-17058
		ISSUE

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MODEL NAME  
GE-17058TITLE  
Lift Angle

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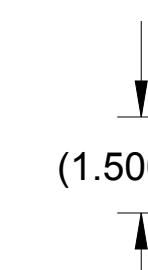
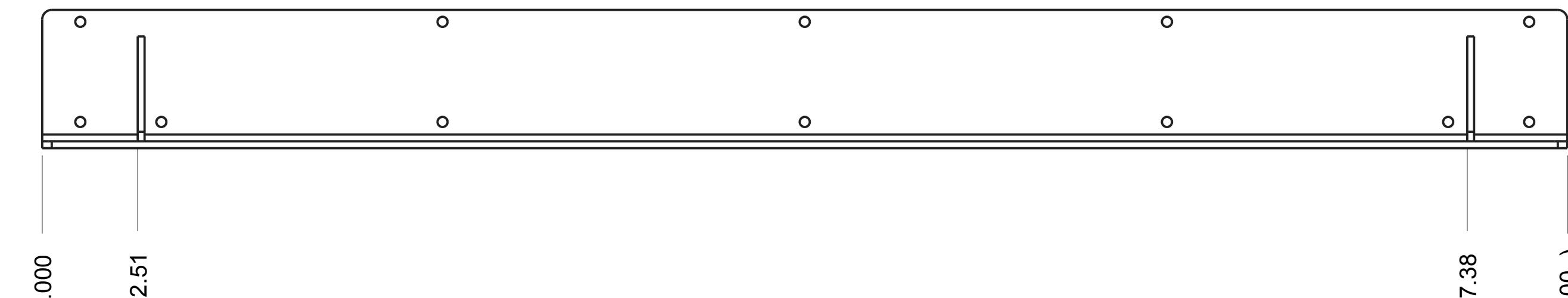
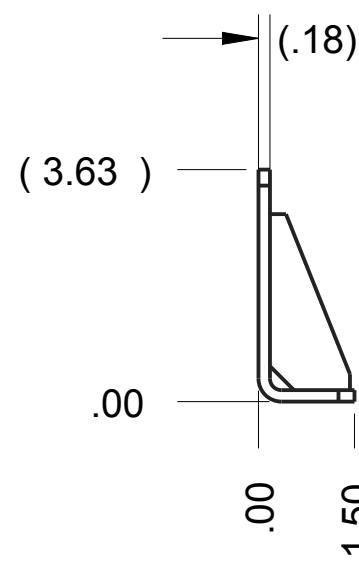
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	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 9:64	SHEET 3 OF 4
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XXX +/- .001 XXXX +/- .0001 ANG +/- 1	TITLE <b>Lift Angle</b>	
DO NOT SCALE	PROJECT	MODEL NAME GE-17058
		ISSUE

1

2

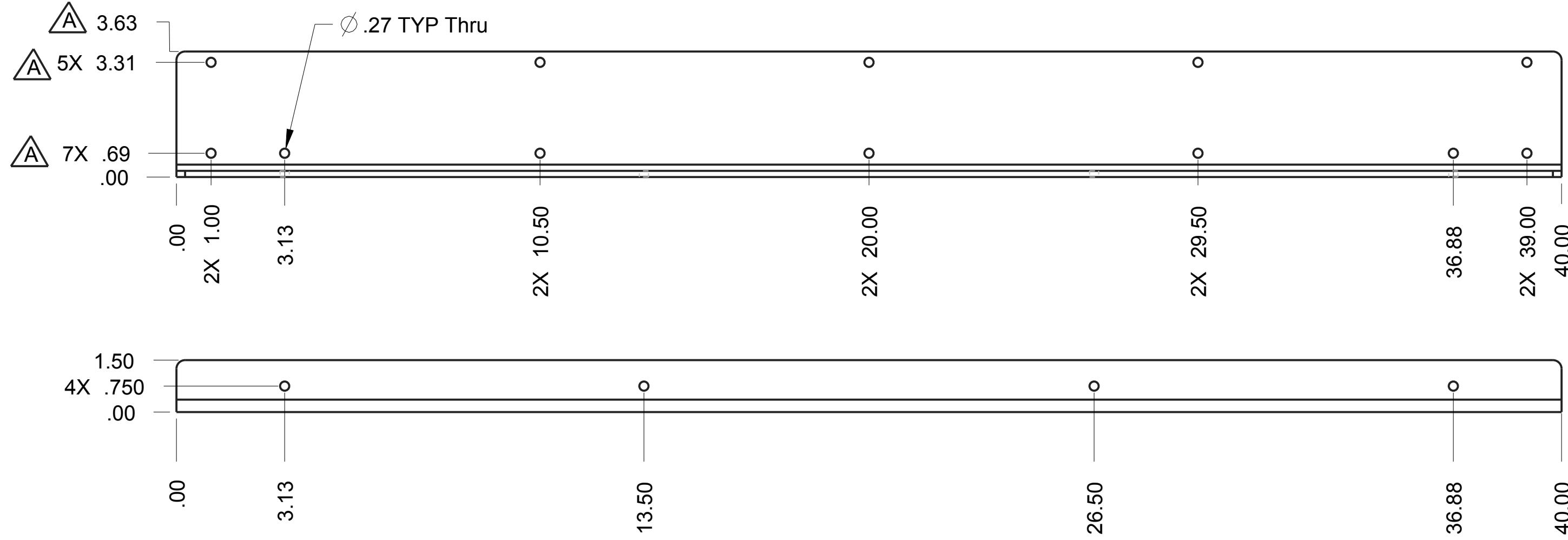
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4

MODEL NAME GE-17058	TITLE Lift Angle	REV A	ZONE D-1, D-4, A-3	DESCRIPTION 3.63 WAS 3.5, 3.31 WAS 3.19, .69 WAS .56, .179 WAS .120	DATE DAF	INITIALS 12/8/2016
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D

D



Part Number: GE-17058-01  
Material: 7 GA A569 Sheet  
QTY: 2

C

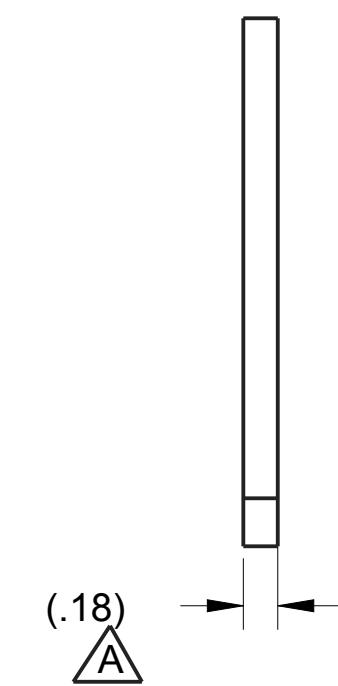
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A



Part Number: GE-17058-02  
Material: 7 GA A569 Steel  
QTY: 2

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 9:64	SHEET 4 OF 4
DO NOT SCALE	TITLE Lift Angle	PROJECT MODEL NAME GE-17058 ISSUE

1

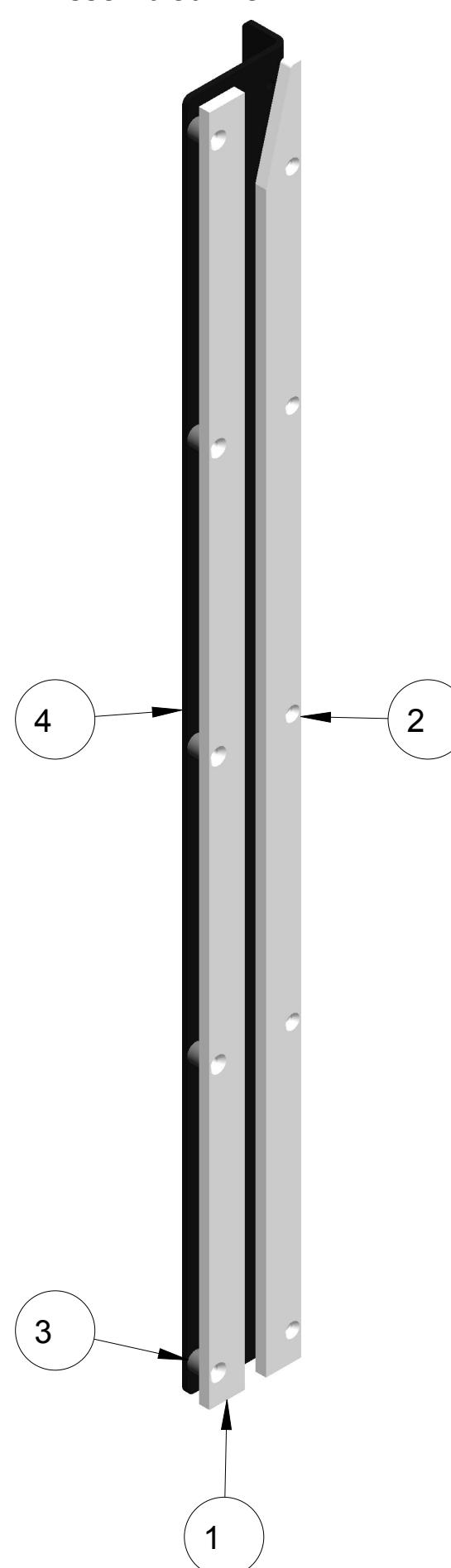
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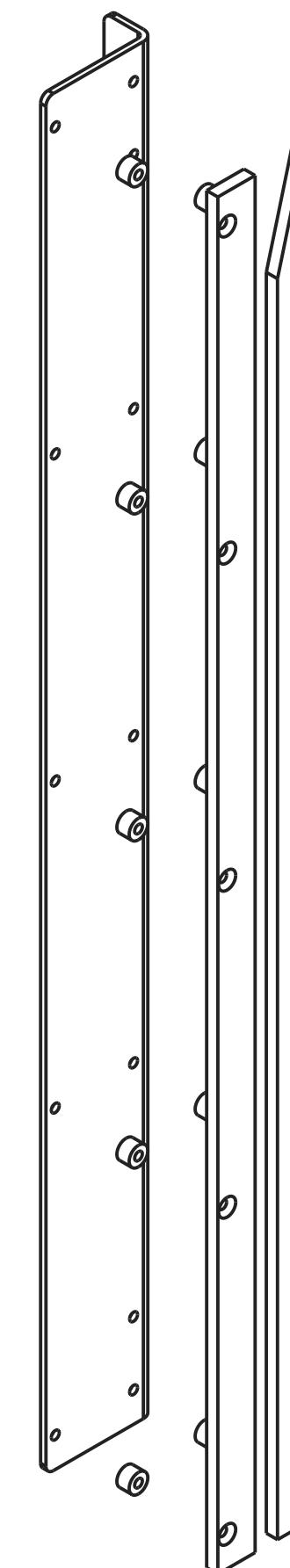
4

MODEL NAME GE-17059	TITLE
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Assembled View



Exploded View



ITEM NO	PART NUMBER	QTY	DESCRIPTION
1	GE-17053	1	Bearing Surface, Long
2	GE-17054	1	Bearing Surface, Short
3	GE-17057	10	Spacer, 1/4" ID
4	GE-17058	1	Frame Angle

D

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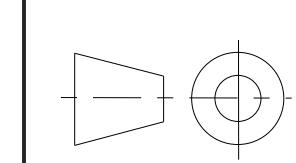
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SCALE 9:64		SHEET 1 OF 2
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DO NOT SCALE		TITLE
PROJECT		MODEL NAME GE-17059
ISSUE		

D

D

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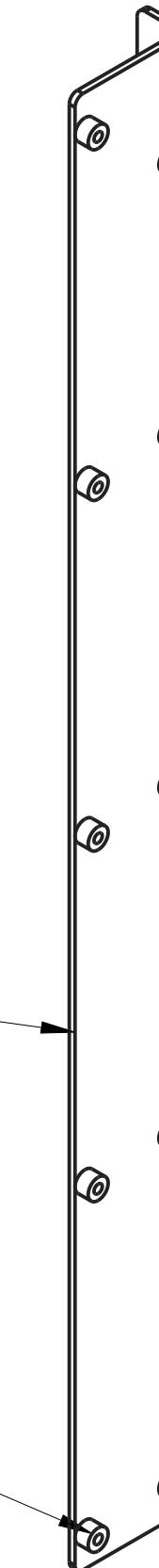
A

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Item 4

Item 3

Step 1:  
Add item 3 to item 4 using 1/4 x 20 Nylock nuts



Item 1

Item 2

Step 2:  
Attach each Item 2 and attach using 1 3/8"

		DRAWN BY	DATE	
		CHECKED BY	DATE	
		APPROVED BY	DATE	
		SCALE 9:64	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		
DO NOT SCALE		PROJECT	MODEL NAME GE-17059	
ISSUE				

MODEL NAME  
GE-17061

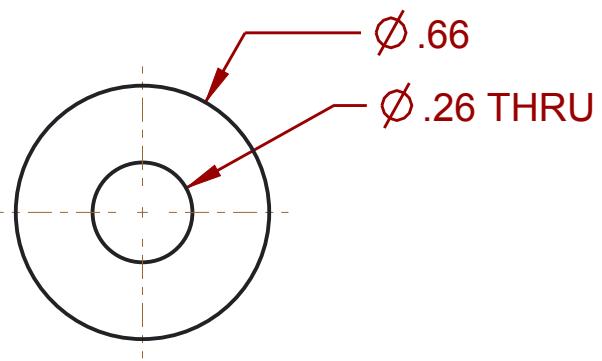
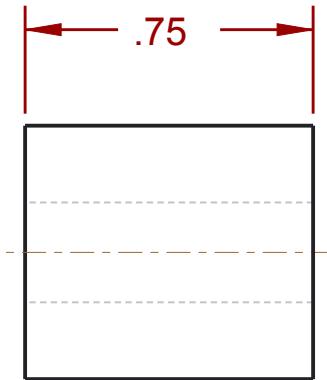
TITLE

## Spring Post



B

B

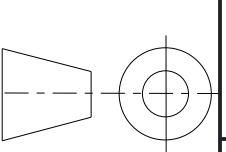


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## NOTE

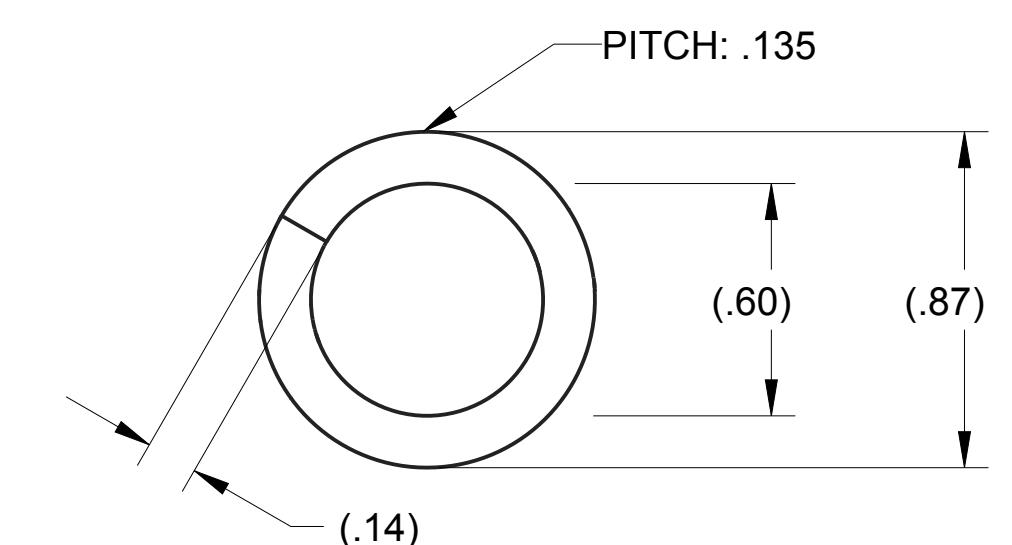
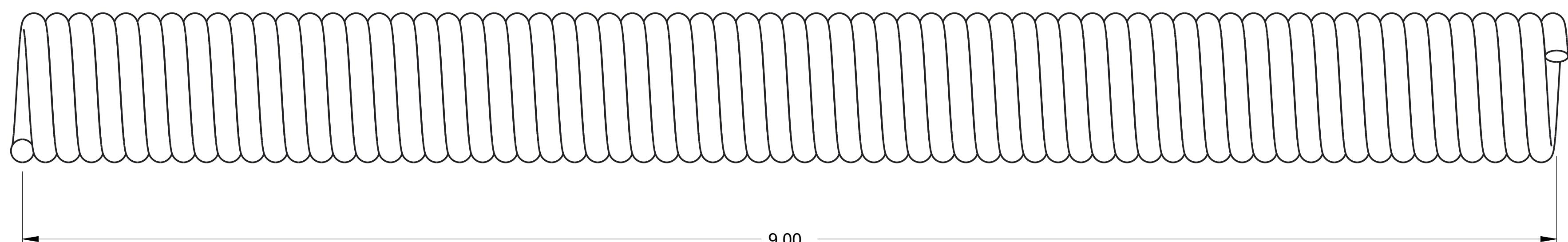
MATERIAL: ABS PLASTIC ROD  
PN: GE-17061

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 2:1	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  Spring Post	PROJECT	MODEL NAME GE-17061
DO NOT SCALE			ISSUE

1 2 3 4 5 6 7 8

MODEL NAME  
GE-17063

TITLE  
Peg, Lift



NOTE

MATERIAL: SPRING STEEL CUT-TO-LENGTH EXTENSION SPRING  
MCMASTER-CARR PN: 9664K68  
PN: GE-17063

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 2:1	SHEET 1 OF 1
TITLE Peg, Lift			
PROJECT		MODEL NAME	ISSUE
		GE-17063	

E

E

D

D

C

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1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

MODEL NAME  
GE-17064

TITLE

Peg, Point

E

E

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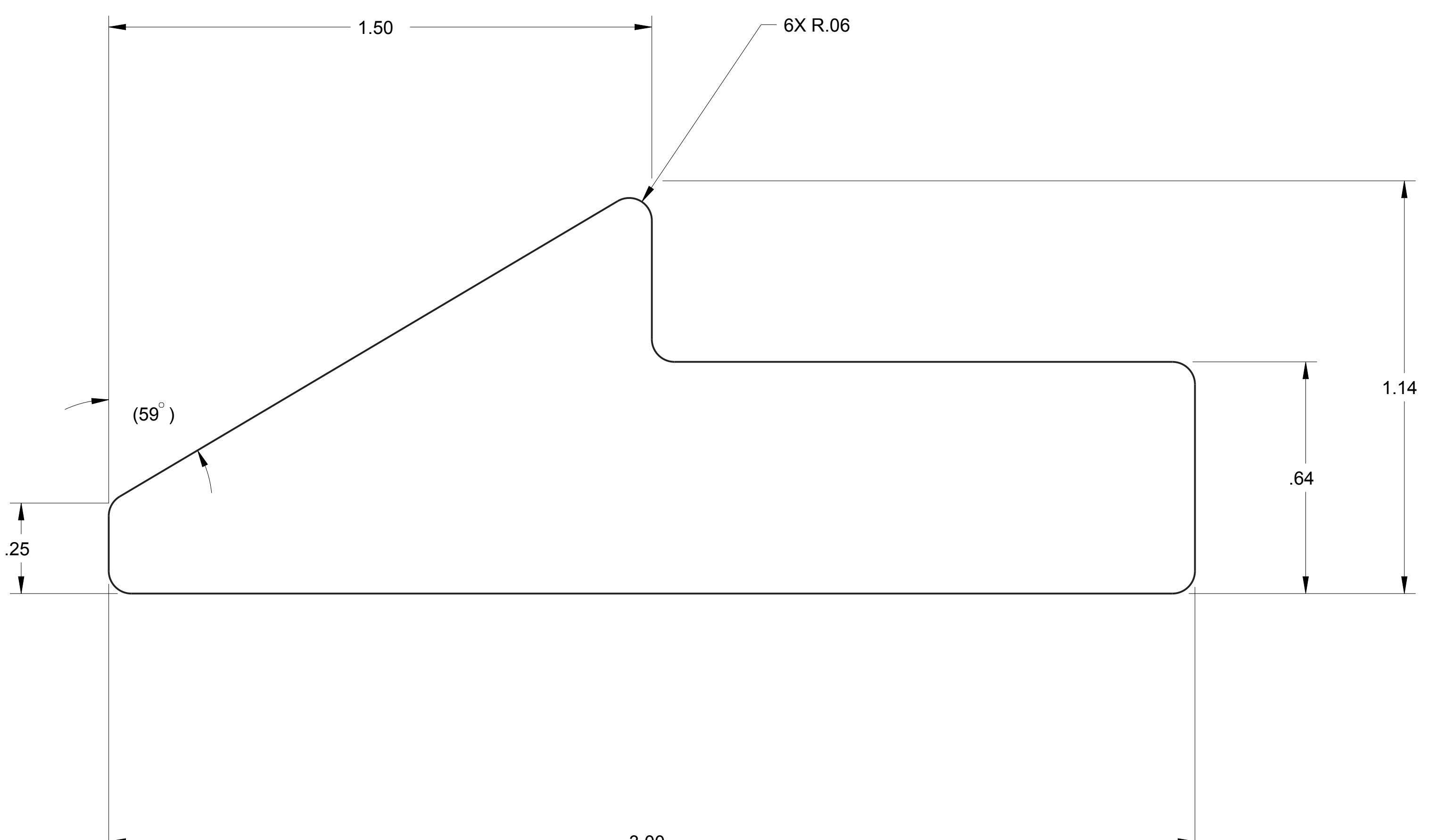
C

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NOTE

PN: GE-17064  
MATERIAL: ABS SHEET, .25" THK, BLACK

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 4:1	SHEET 1 OF 1
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TITLE Peg, Point			
PROJECT		MODEL NAME	ISSUE
DO NOT SCALE		GE-17064	

1 2 3 4 5 6 7 8

MODEL NAME  
GE-17064 TITLE Peg, Point

REV A	ZONE C-5, B-6	DESCRIPTION .61 was .64, Material changed to 3/16" LDPE, natural.	DATE DAF	INITIALS 2/28/2017
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E

E

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D

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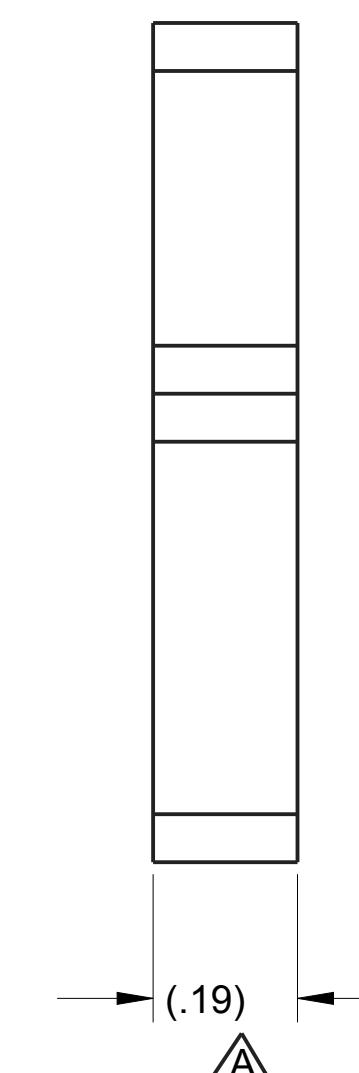
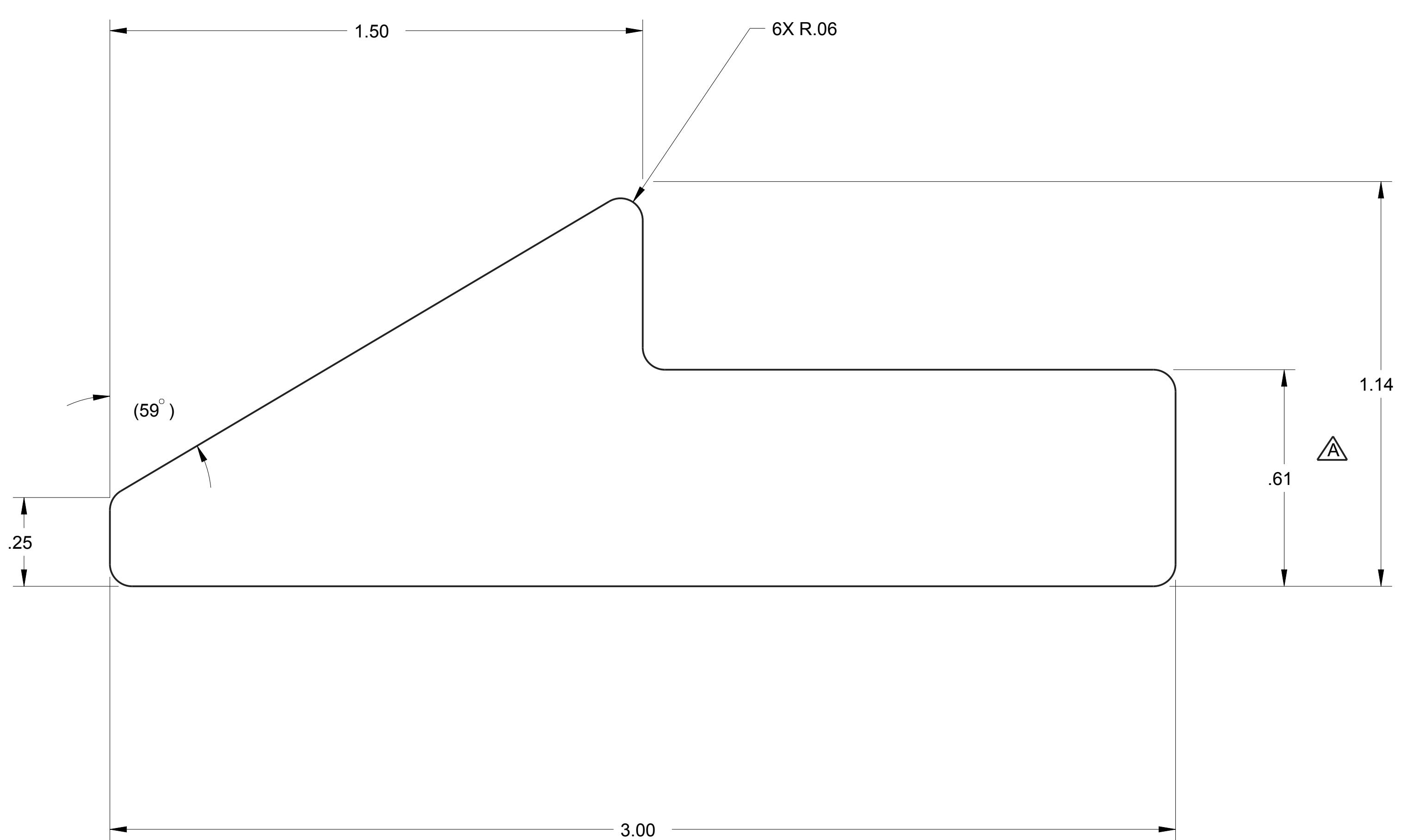
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## NOTE

PN: GE-17064  
MATERIAL: LDPE, 3/16" Natural



		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 4:1	SHEET 1 OF 1
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TITLE		Peg, Point	
PROJECT	MODEL NAME		ISSUE
DO NOT SCALE		GE-17064	

1 2 3 4 5 6 7 8

MODEL NAME  
GE-17064 TITLE  
Peg, Point

REV	ZONE	DESCRIPTION	DATE	INITIALS
A	C-5, B-6	.61 was .64, Material changed to 3/16" LDPE, natural.	DAF	2/28/2017
B	B-6, B-7	Material changed to 1/4" Clear Polycarbonate	JF	3/10/2017

E

E

D

D

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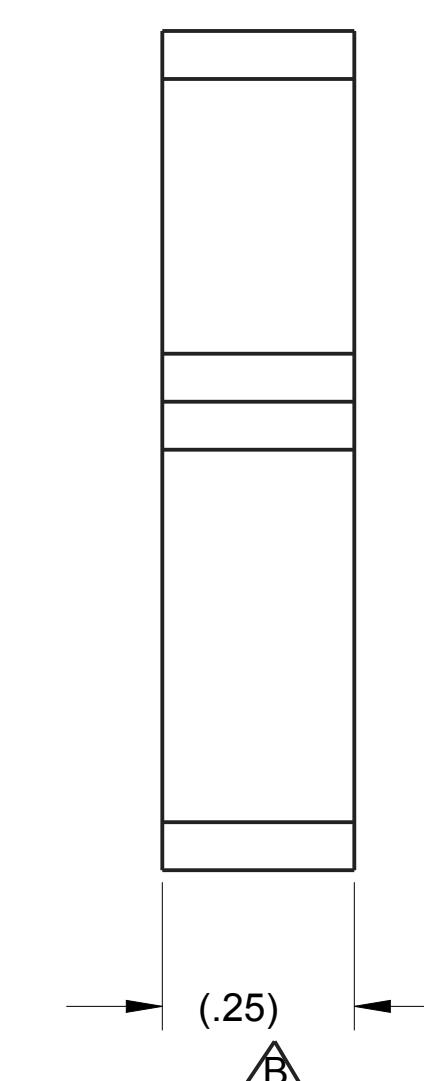
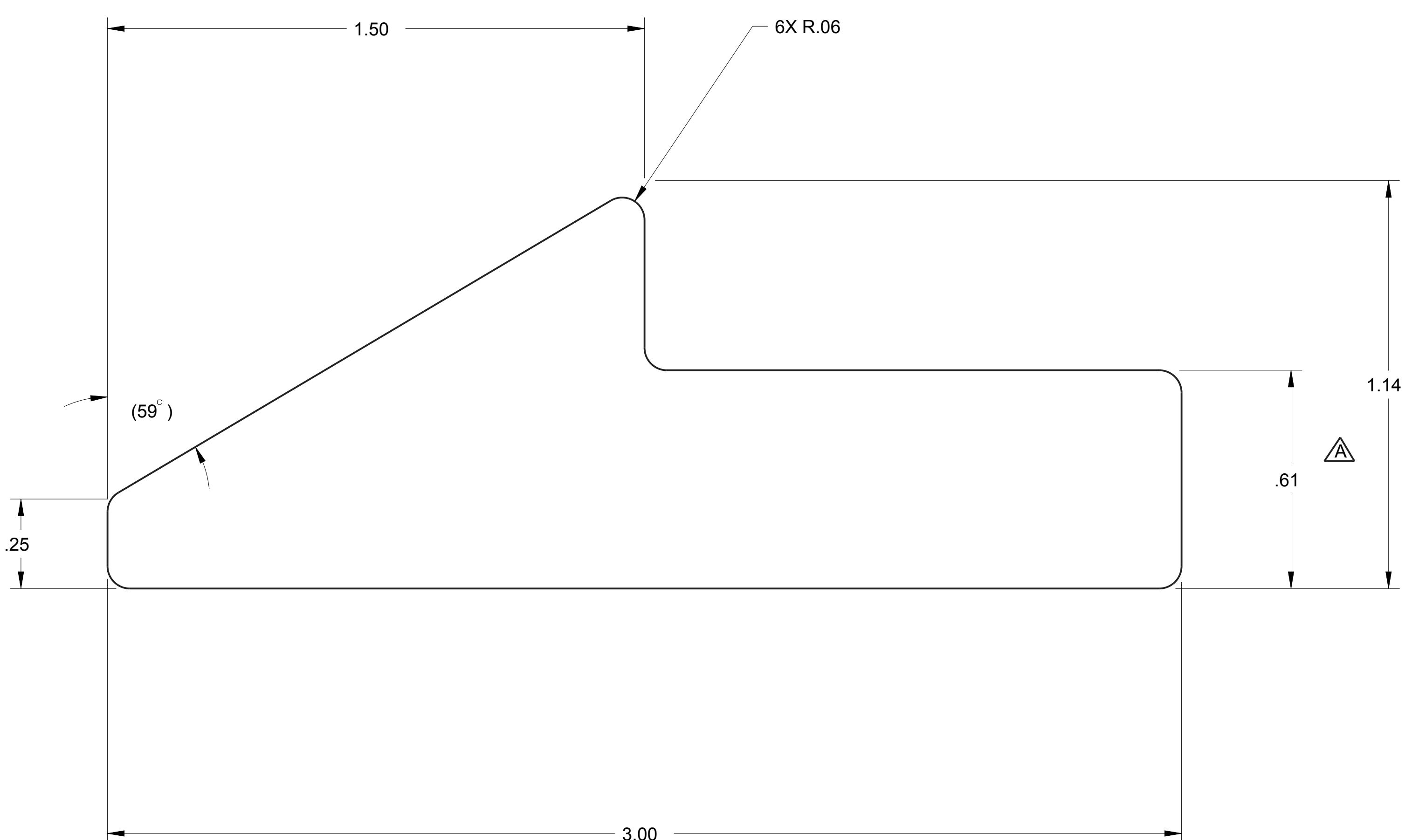
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NOTE  
PN: GE-17064  
MATERIAL: 1/4" Polycarbonate, Clear

1 2 3 4 5 6 7 8

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
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TITLE Peg, Point			
PROJECT	MODEL NAME	ISSUE	
DO NOT SCALE		GE-17064	

MODEL NAME  
GE-17069

TITLE

Gate Rail Left, Airship

1

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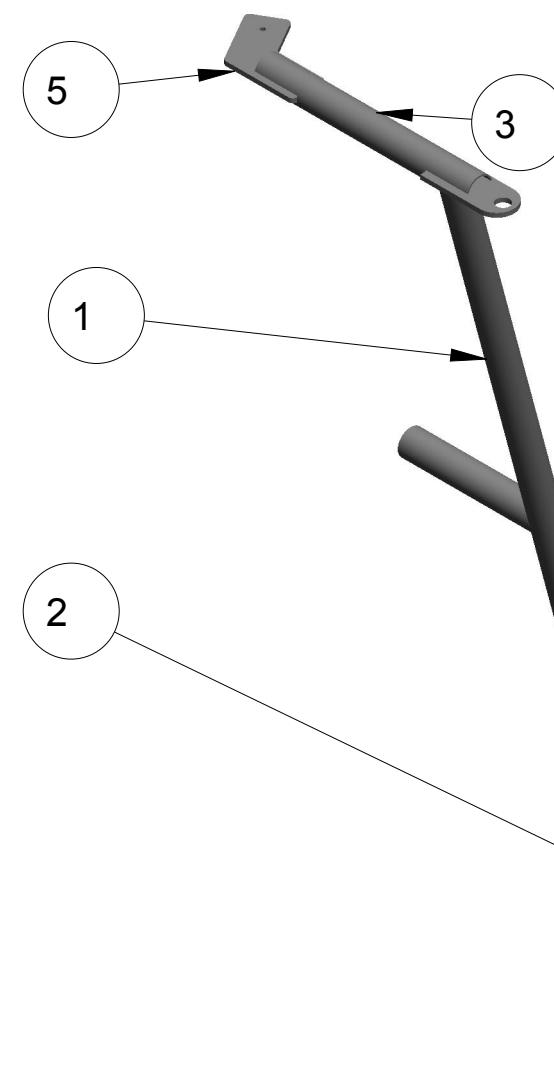
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1

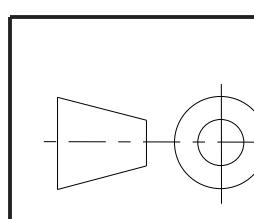
2

3

4



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17069-01	1	Tube	
2	GE-17069-02	1	Rod	
3	GE-17069-03	1	Tube	
4	GE-17069-05	1	Tube	
5	GE-17069-06	1	Plate	
6	GE-17069-07	1	Plate	



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 1:8 SHEET 1 OF 5

TITLE Gate Rail Left, Airship

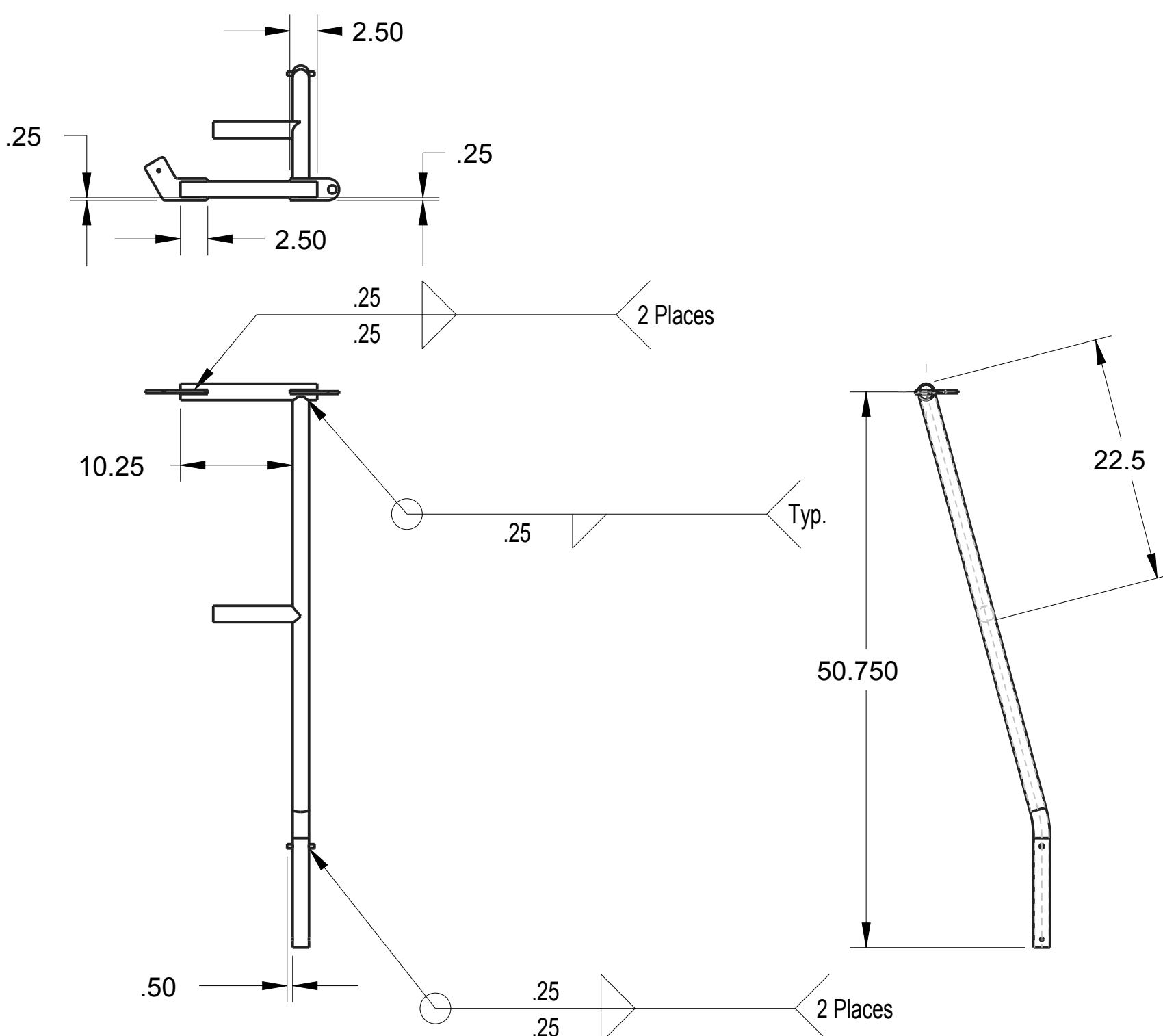
PROJECT

MODEL NAME GE-17069

ISSUE

MODEL NAME  
**GE-17069**

## Gate Rail Left, Airship



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CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:12	SHEET 3 OF 5

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.

DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
X.X +/- 0.1  
X.XX +/- 0.01

DO NOT SCALE

Gate Rail Left. Airship

X.XXX +/- 0.001  
ANG +/- 1°

DO NOT SCALE	PROJECT	MODEL NAME	ISSUE
		GE-17069	

7

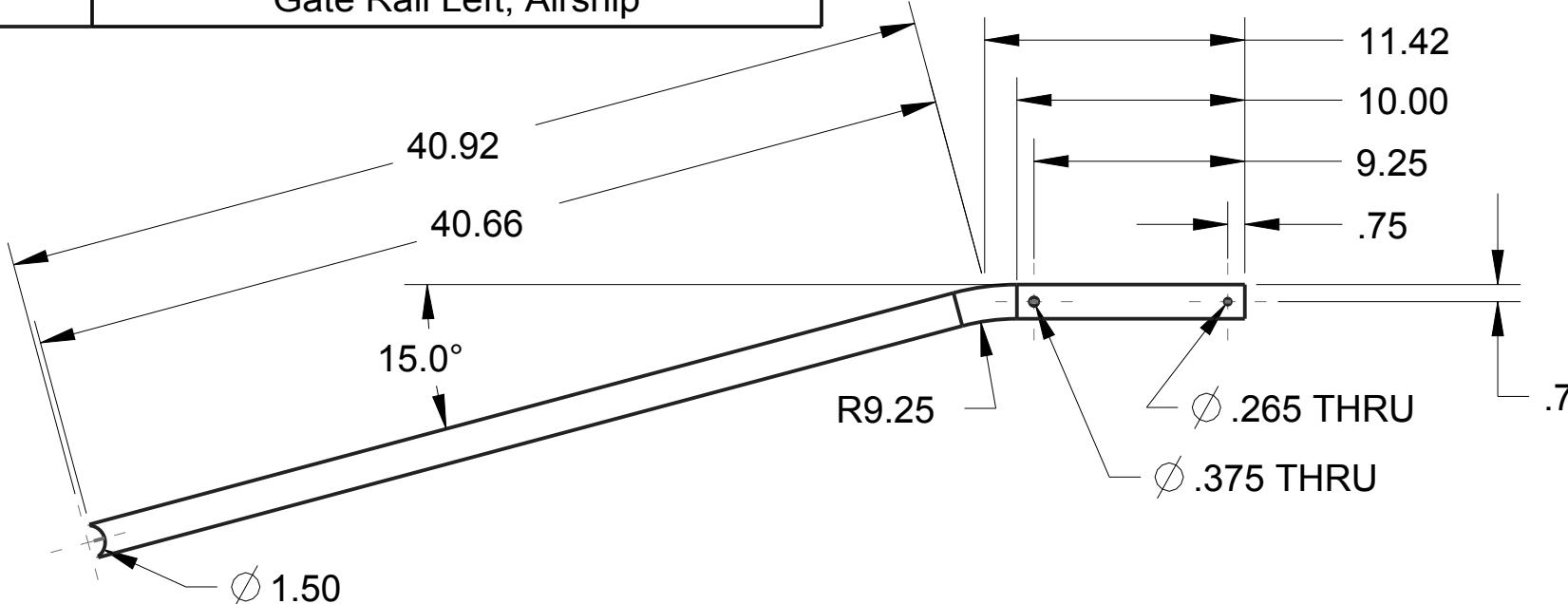
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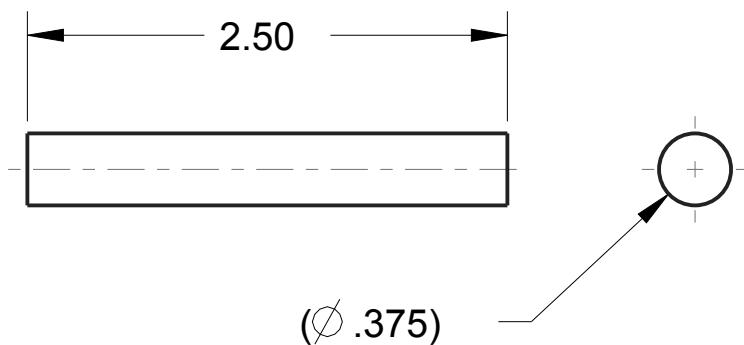
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MODEL NAME  
GE-17069

TITLE  
Gate Rail Left, Airship

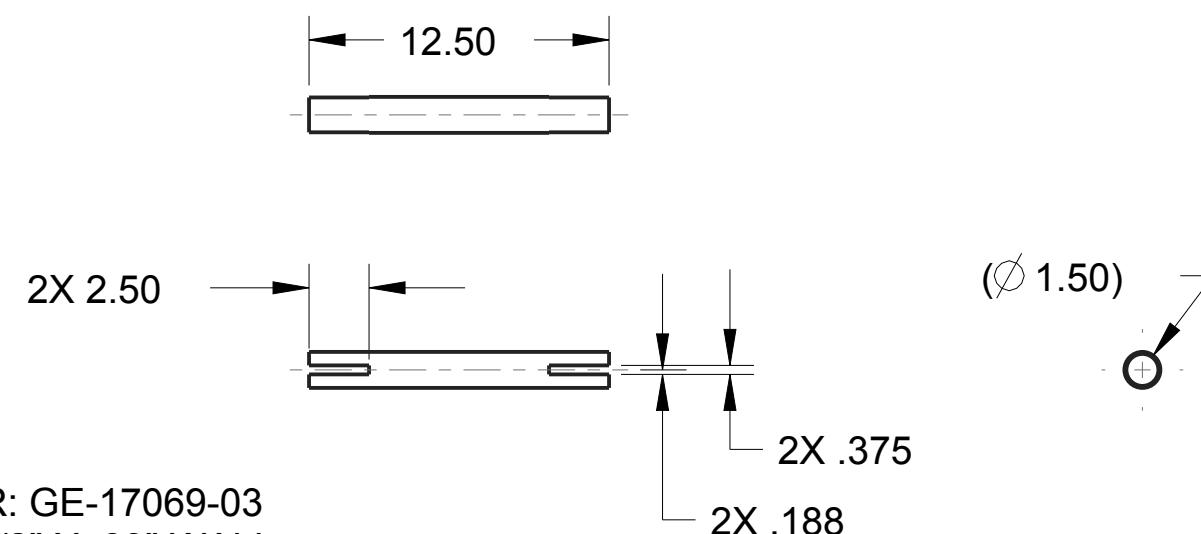


PART NUMBER: GE-17069-01  
MATERIAL: 1-1/2" X .83" WALL  
DOM A513 STEEL TUBE  
QTY.: 1



PART NUMBER: GE-17069-02  
MATERIAL: 3/8" STEEL ROD  
QTY.: 1

PART NUMBER: GE-17069-03  
MATERIAL: 1-1/2" X .83" WALL  
DOM A513 STEEL TUBE  
QTY.: 1



	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 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1	TITLE	Gate Rail Left, Airship
DO NOT SCALE	PROJECT	MODEL NAME GE-17069
		ISSUE

MODEL NAME  
GE-17069

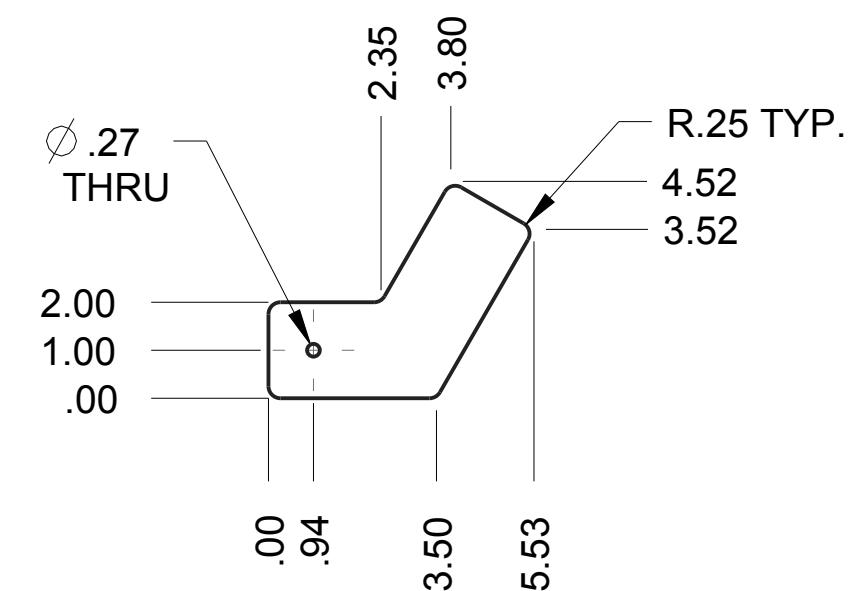
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TITLE  
Gate Rail Left, Airship

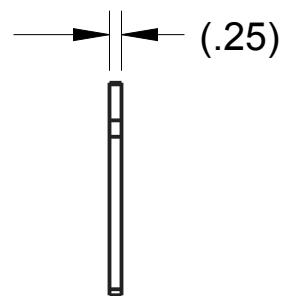
2



3



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PART NUMBER: GE-17069-05

MATERIAL: 1-1/2" X .83" WALL DOM A513 STEEL TUBE

QTY.: 1

PART NUMBER: GE-17069-06

MATERIAL: 1/4" THK. STEEL SHEET

QTY.: 1

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:8	SHEET 4 OF 5
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 Gate Rail Left, Airship	PROJECT MODEL NAME GE-17069 ISSUE

MODEL NAME  
GE-17069

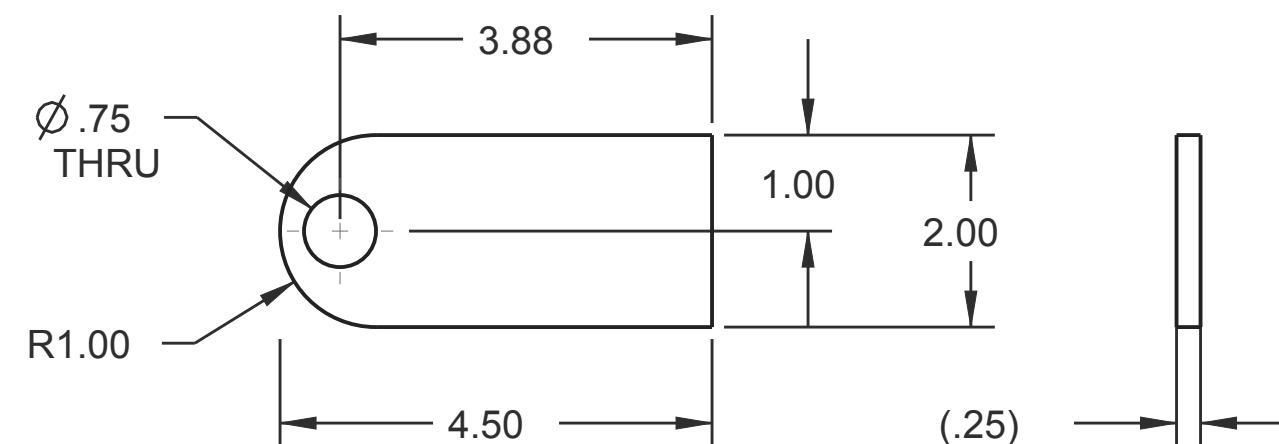
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TITLE  
Gate Rail Left, Airship

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PART NUMBER: GE-17069-07  
MATERIAL: 1/4" THK. STEEL SHEET  
QTY.: 1

	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 +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1	TITLE Gate Rail Left, Airship	
DO NOT SCALE	PROJECT	MODEL NAME GE-17069
		ISSUE

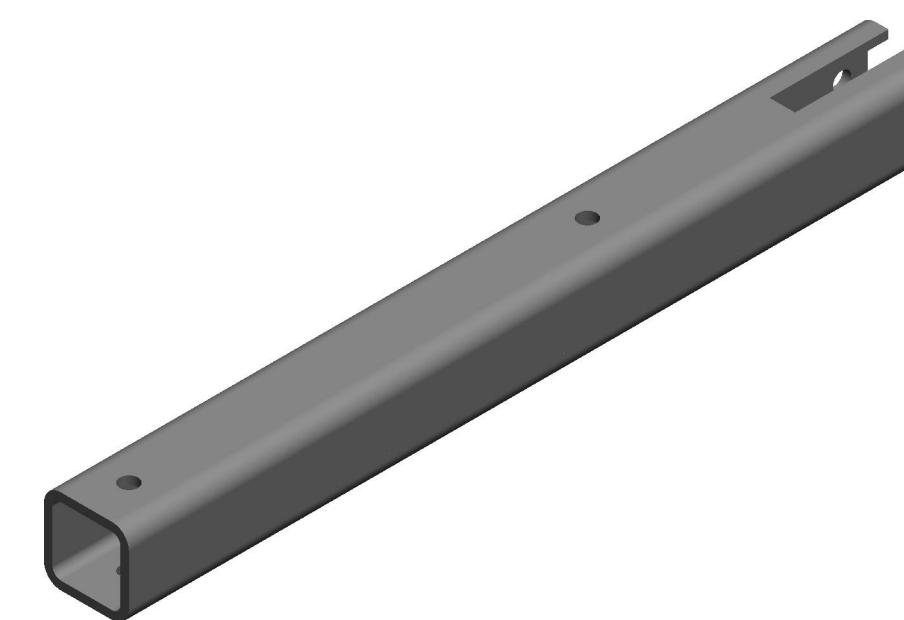
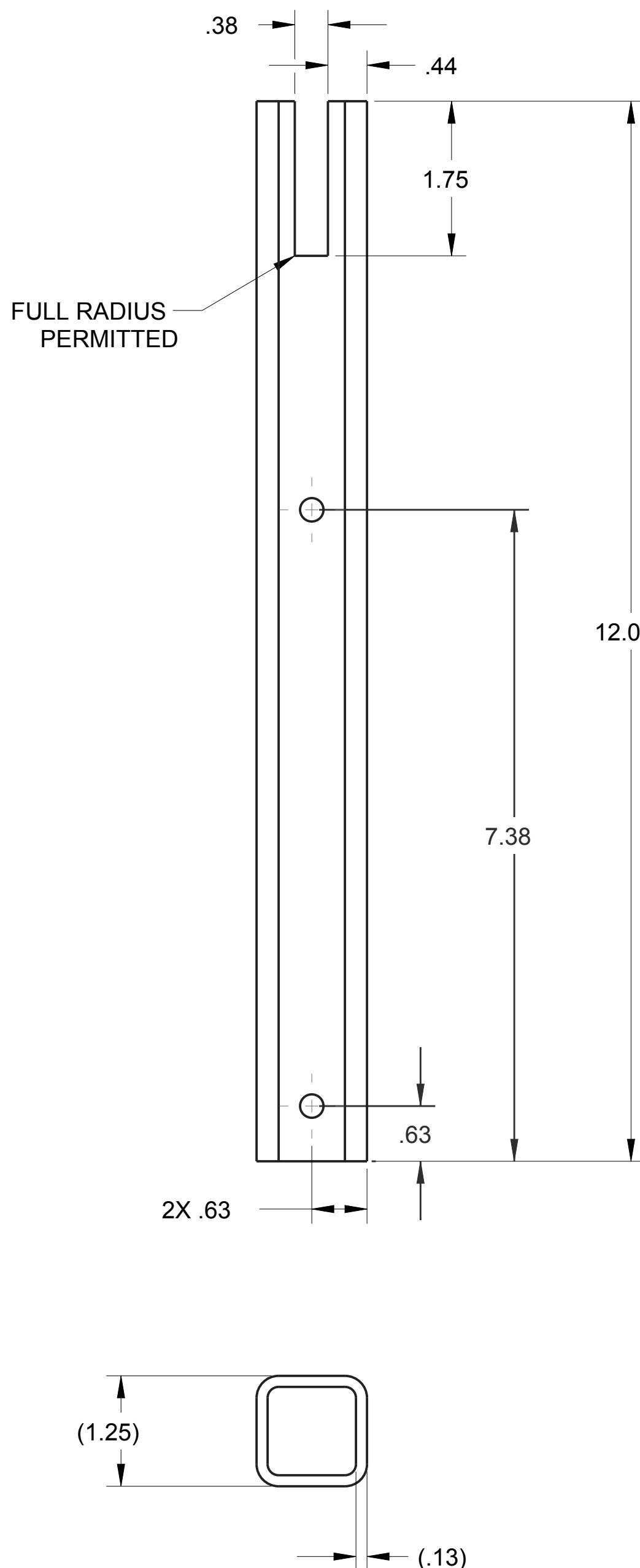
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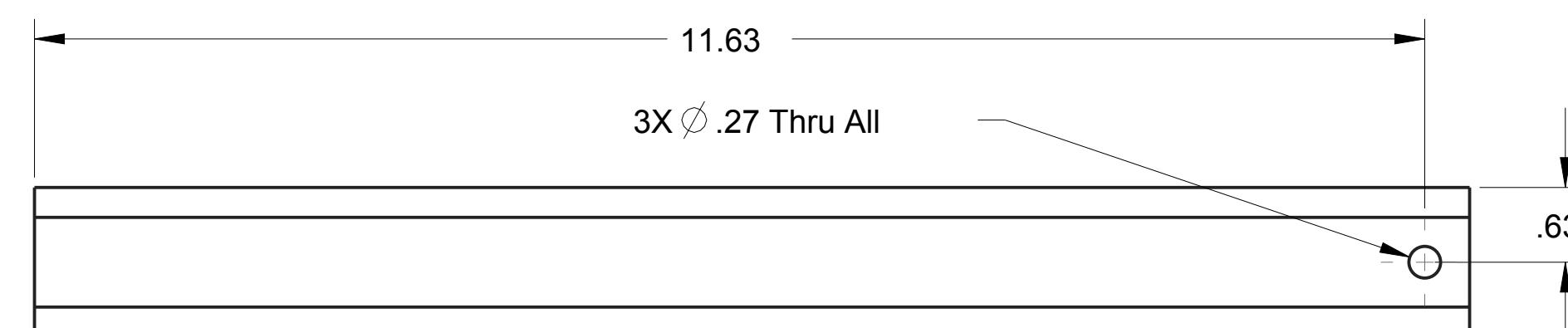
3

4

MODEL NAME  
GE-17070

TITLE  
Ladder Hinge

Part Number: GE-17070  
Material: 1.25" x 0.12" A500/A513 Square Steel Tube



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		APPROVED BY	DATE
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SHEET 1 OF 1			
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XX.X +/- .001 XXX.X +/- .0001 ANG +/- 1			TITLE
DO NOT SCALE			Ladder Hinge
PROJECT			MODEL NAME
ISSUE			GE-17070

1

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ASME STANDARD,INCH

1

2

3

4

Ladder

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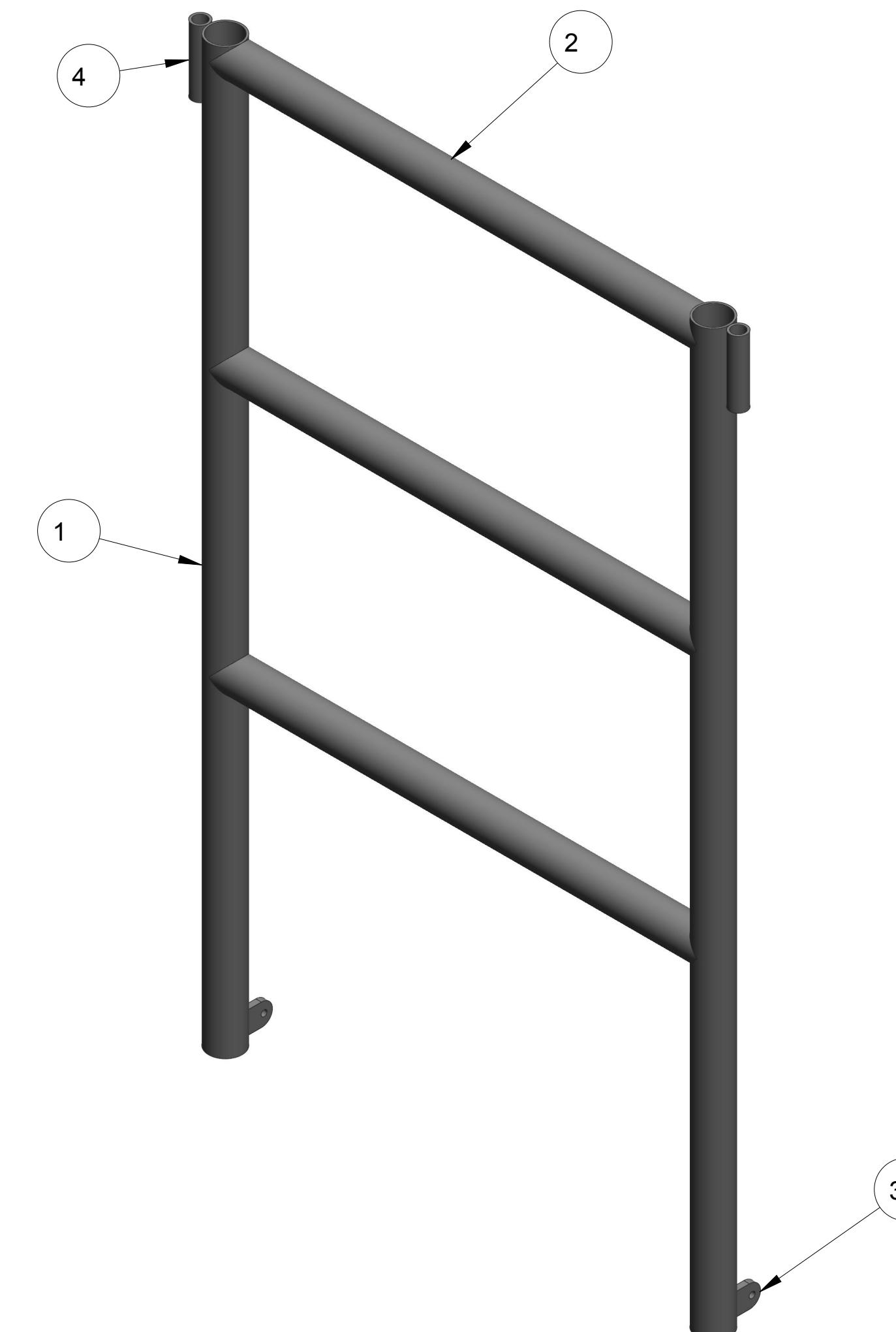
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A



## Note:

1. Powder Coat: Imitation Gold

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17071-01	2	Tube	
2	GE-17071-03	3	Tube	
3	GE-17071-04	2	Plate	
4	GE-17071-05	2	Tube	

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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:8	SHEET 1 OF 4
TITLE		
Ladder		
PROJECT		MODEL NAME
		GE-17071
ISSUE		

DO NOT SCALE

1

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4

MODEL NAME  
GE-17071

TITLE

Ladder

2X .63

.25  
.25

2 Places



.00

12.00

24.00

D

D

C

C

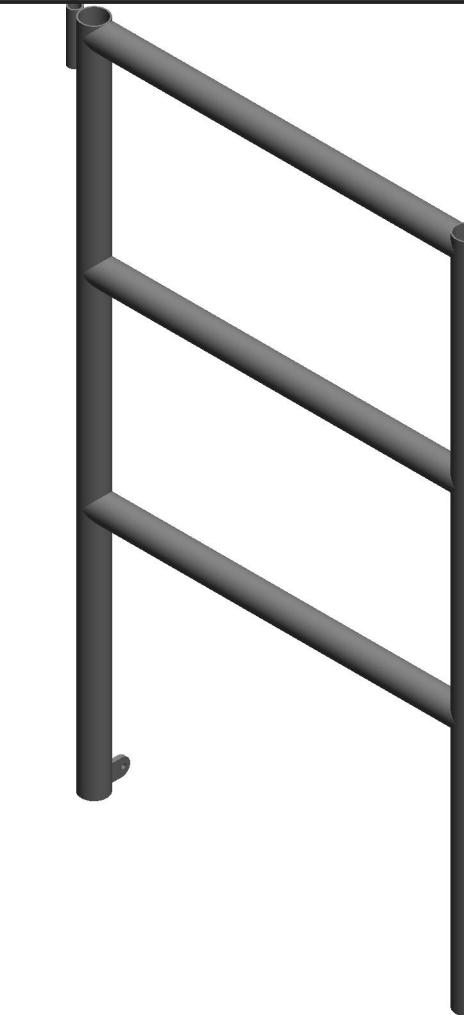
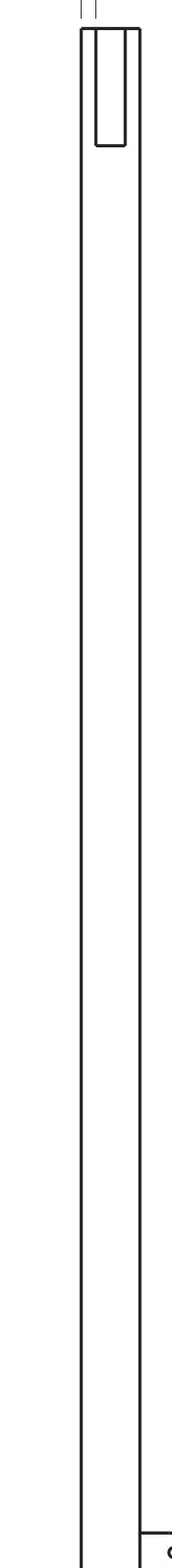
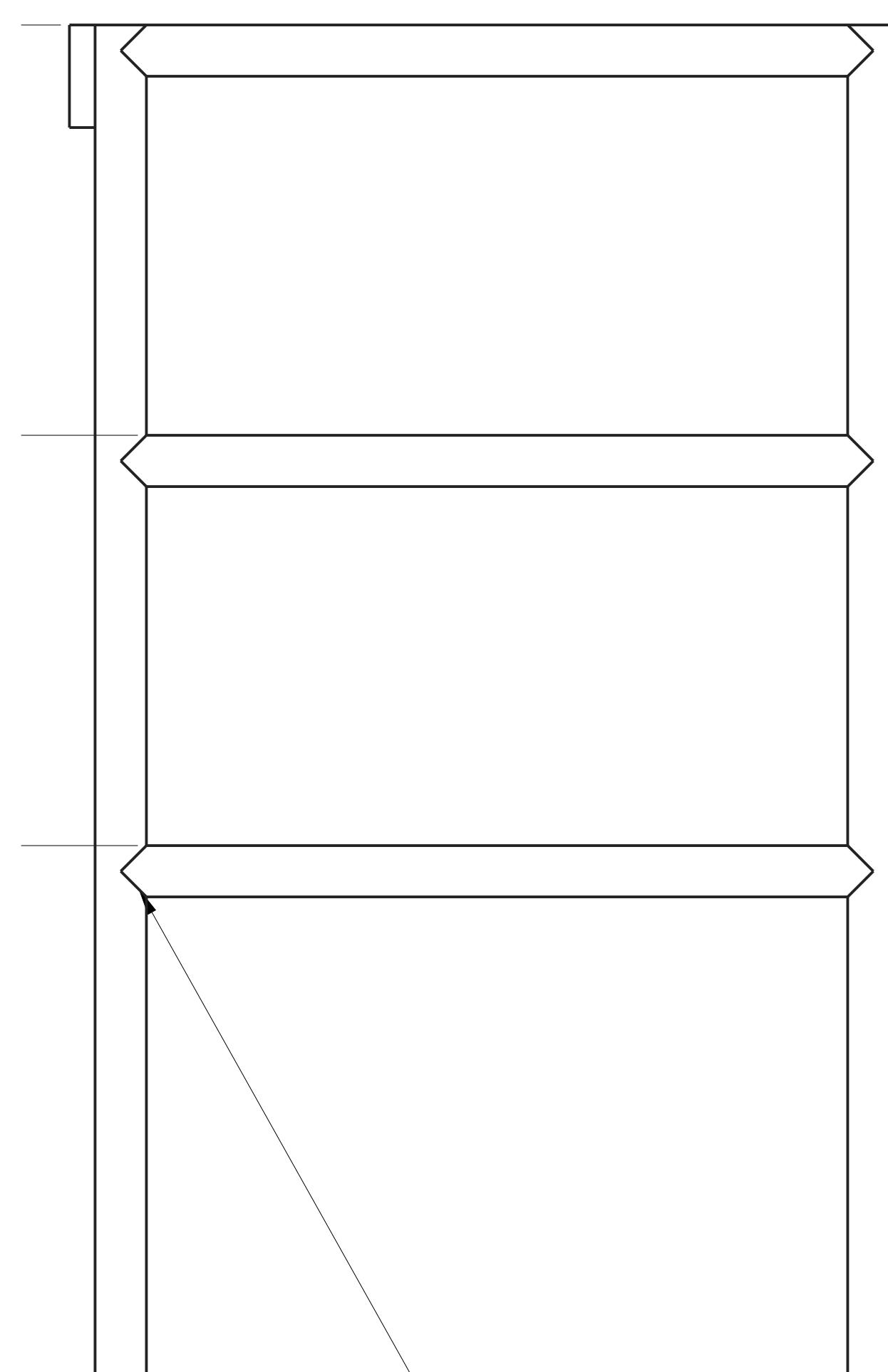
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2X .38



		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
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SHEET 2 OF 4			
DO NOT SCALE	TITLE <b>Ladder</b>		
PROJECT		MODEL NAME	GE-17071
ISSUE			

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
XX +/- .01  
XX.X +/- .001  
XXX.X +/- .0001  
ANG +/- 1

DO NOT SCALE

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MODEL NAME GE-17071	TITLE Ladder
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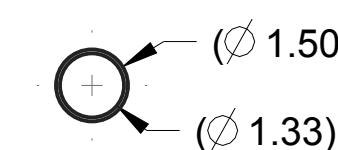
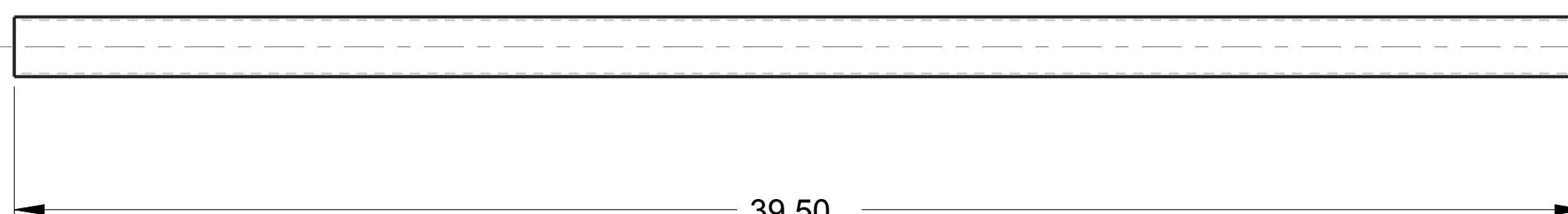
Ladder

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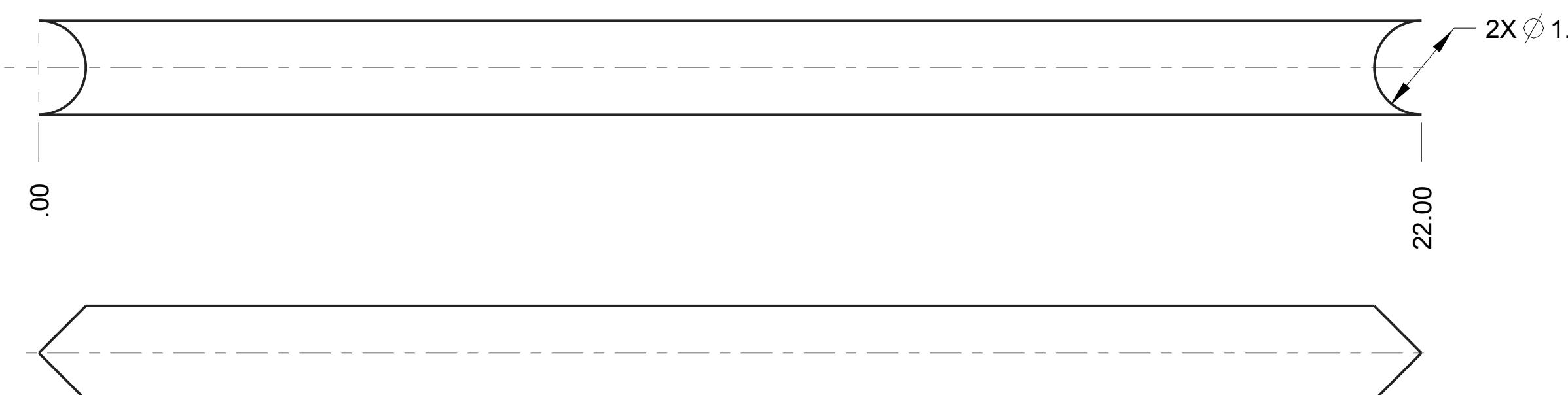
Part Number: GE-17071-01  
Material: 1.5" OD X .083" WALL DOM STEEL TUBE  
QTY:2



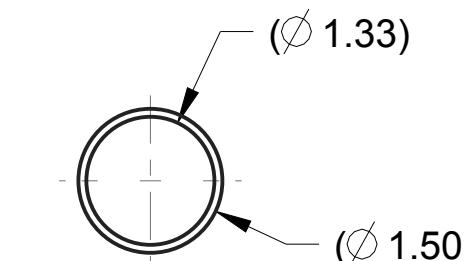
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39.50



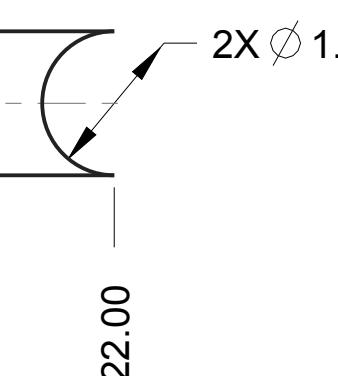
Part Number: GE-17071-03  
Material: 1.5" OD X .083" WALL DOM STEEL TUBE  
QTY: 3



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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:8	SHEET 3 OF 4
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1	TITLE Ladder	PROJECT MODEL NAME GE-17071 ISSUE
DO NOT SCALE		

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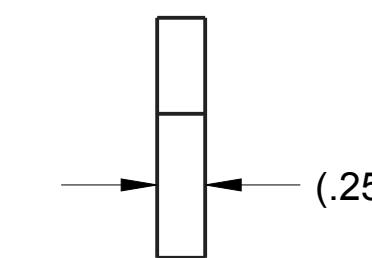
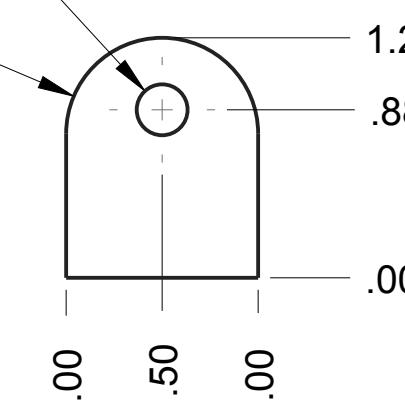
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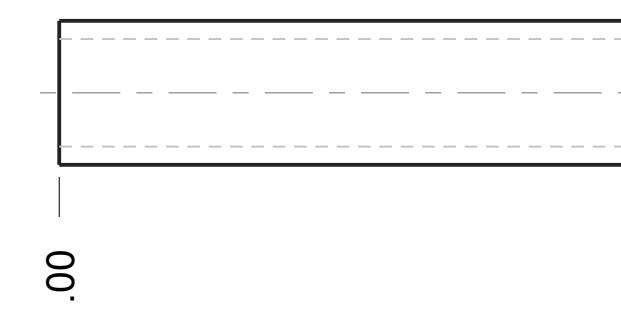
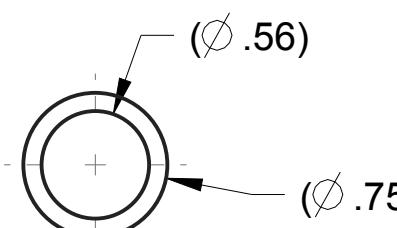
MODEL NAME  
GE-17071

TITLE  
Tube $\phi$ .27 Thru

R.50



Part Number: GE-17071-04  
Material: .25" Steel Sheet  
QTY: 2



Part Number: GE-17071-05  
Material: .75" x .56" ID DOM Steel Tube  
QTY: 2

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		APPROVED BY	DATE
		SCALE 1:8	SHEET 4 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	Tube	
DO NOT SCALE	PROJECT	MODEL NAME	ISSUE
		GE-17071	

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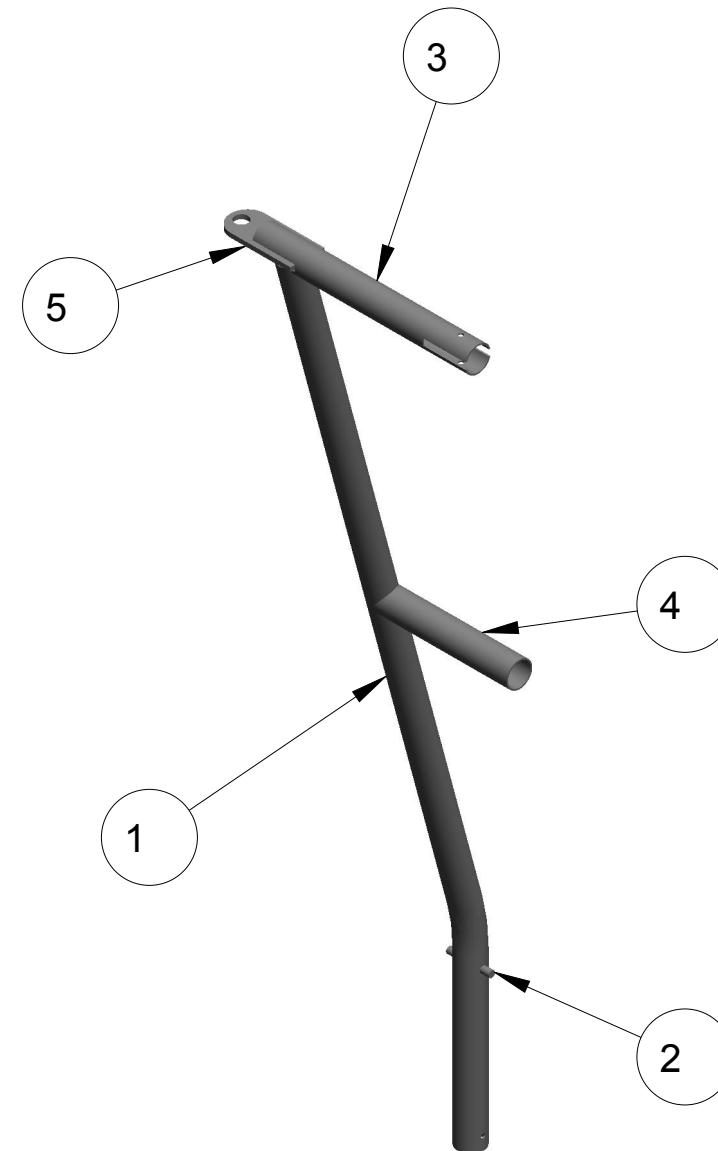
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MODEL NAME  
GE-17072TITLE  
Gate Rail Right, Airship

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17072-01	1	Tube	
2	GE-17072-02	1	Rod	
3	GE-17072-03	1	Tube	
4	GE-17072-05	1	Tube	
5	GE-17072-07	1	Plate	

		DRAWN BY	DATE
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		APPROVED BY	DATE
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SCALE 1:8		SHEET 1 OF 4	
DO NOT SCALE		TITLE Gate Rail Right, Airship	
PROJECT		MODEL NAME GE-17072	ISSUE

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MODEL NAME  
GE-17072

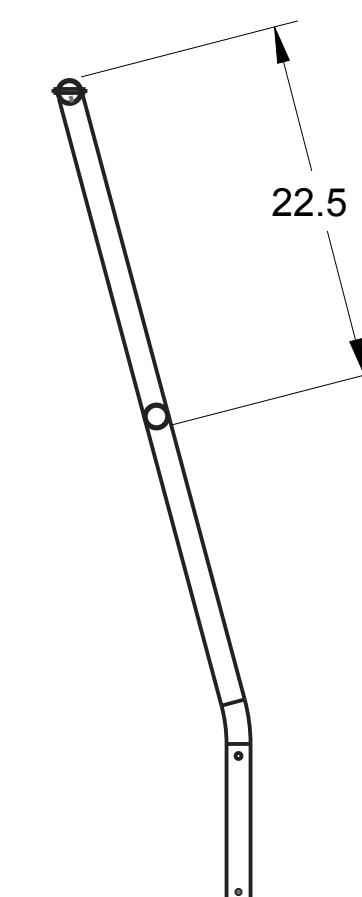
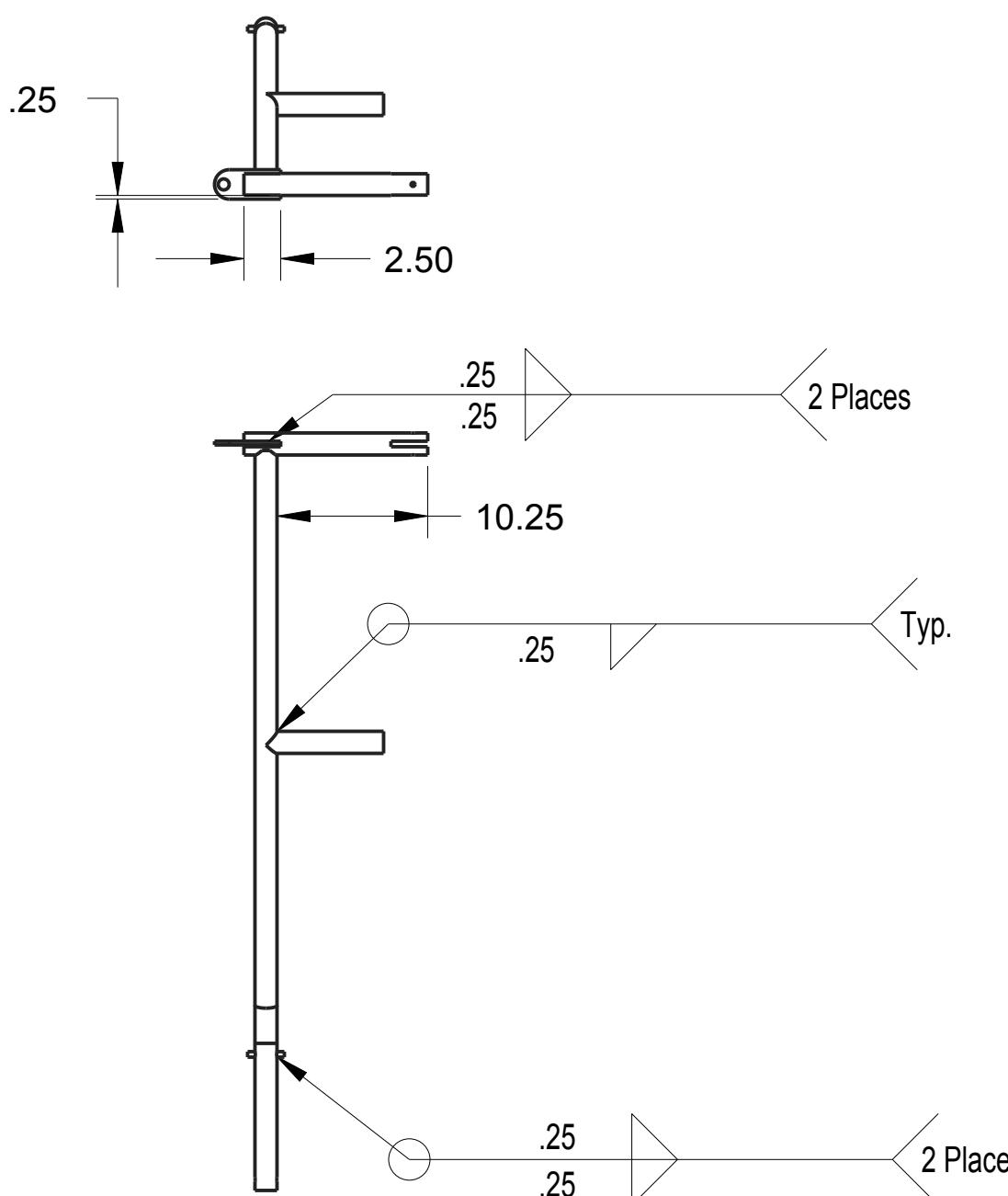
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TITLE  
Gate Rail Right, Airship

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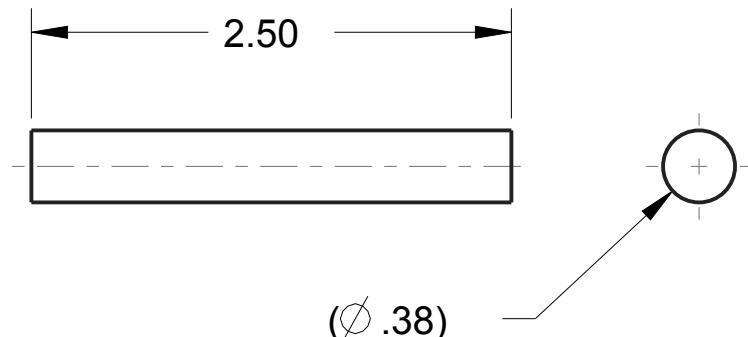
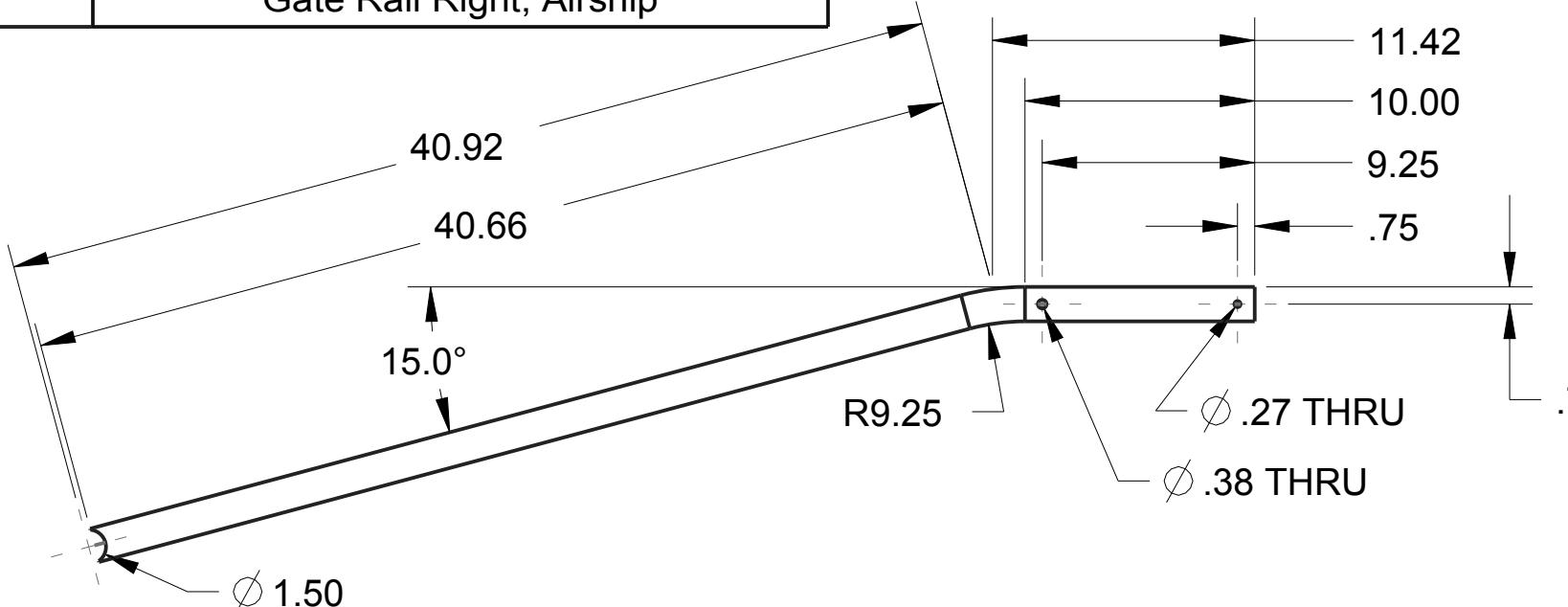
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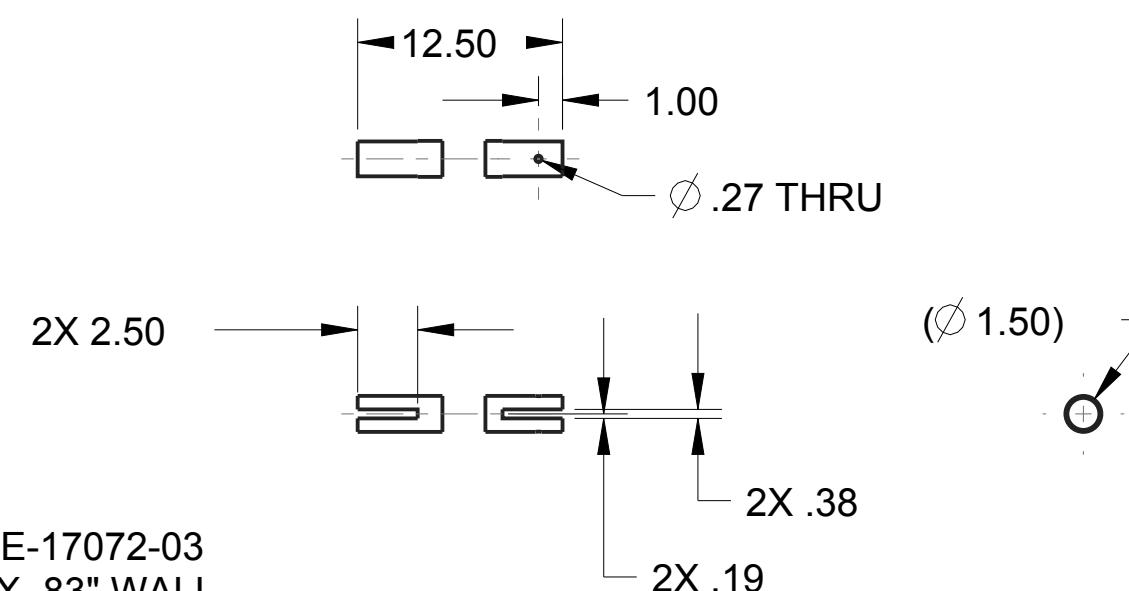
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		SCALE 1:12	SHEET 2 OF 4	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1		TITLE <b>Gate Rail Right, Airship</b>		
DO NOT SCALE		PROJECT	MODEL NAME <b>GE-17072</b>	
			ISSUE	

MODEL NAME  
GE-17072

TITLE  
Gate Rail Right, Airship



PART NUMBER: GE-17072-03  
MATERIAL: 1-1/2" X .83" WALL  
DOM A513 STEEL TUBE  
QTY.: 1



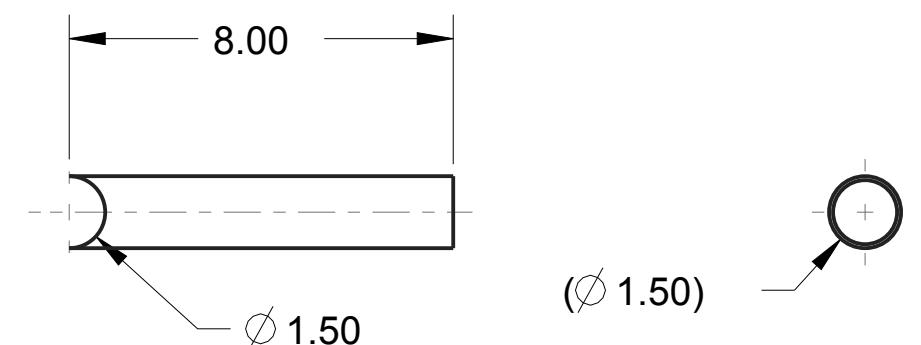
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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:8	SHEET 3 OF 4
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1	TITLE Gate Rail Right, Airship	PROJECT	MODEL NAME GE-17072
			ISSUE

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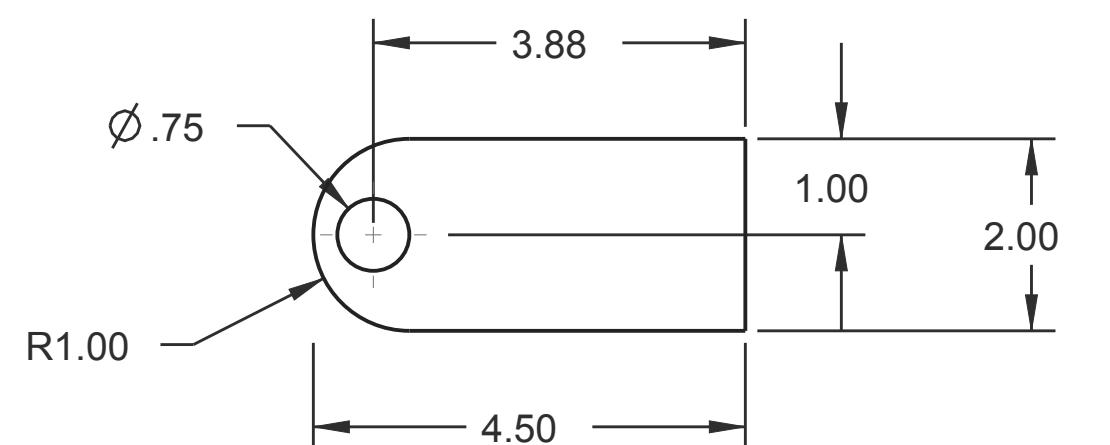
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MODEL NAME  
GE-17072TITLE  
Gate Rail Right, Airship

PART NUMBER: GE-17072-05  
MATERIAL: 1-1/2" X .83" WALL DOM A513 STEEL TUBE  
QTY.: 1



PART NUMBER: GE-17072-07  
MATERIAL: 1/4" THICK STEEL SHEET  
QTY.: 1

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:8	SHEET 4 OF 4
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		PROJECT	MODEL NAME GE-17072
			ISSUE

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Divider, Airship

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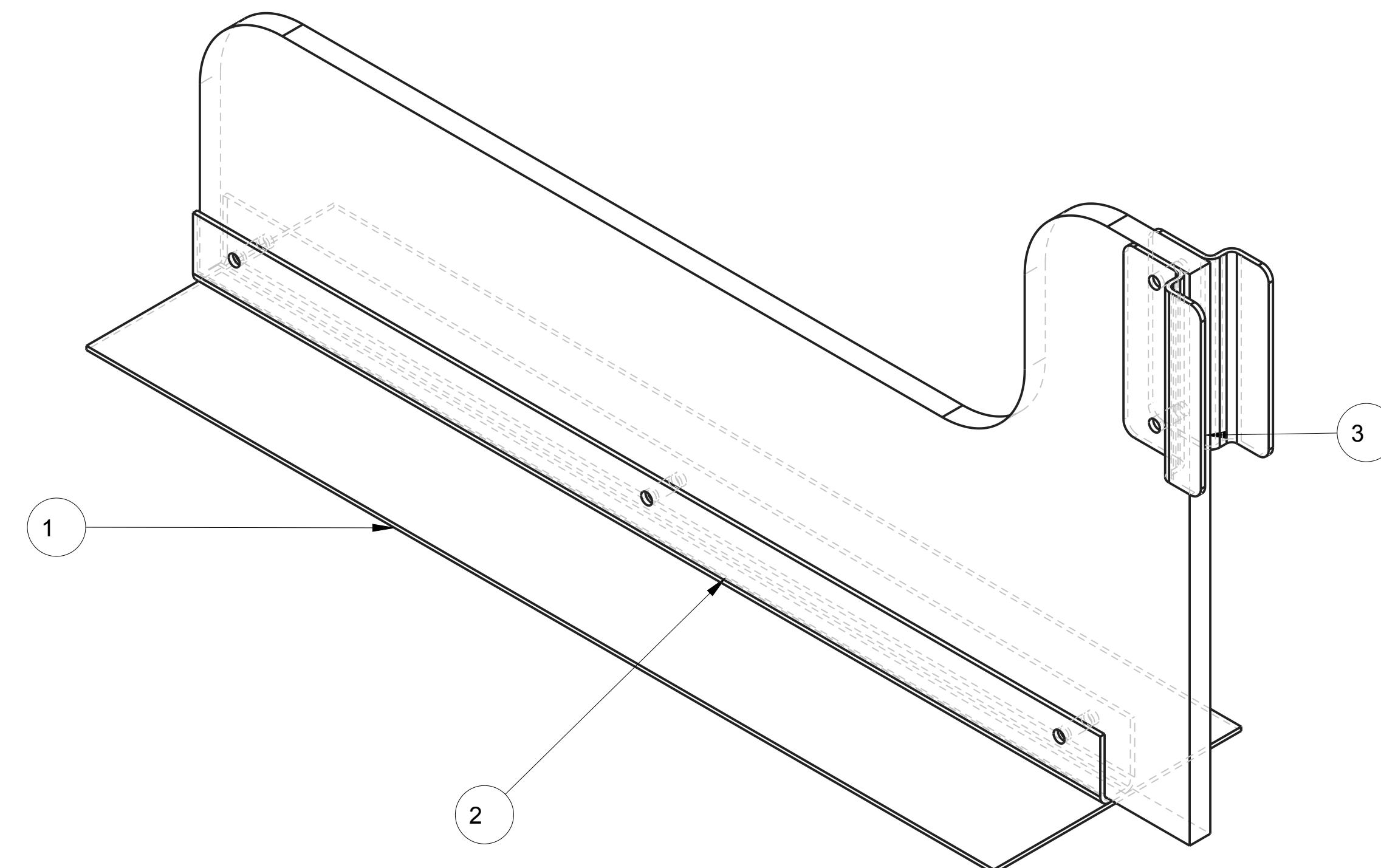
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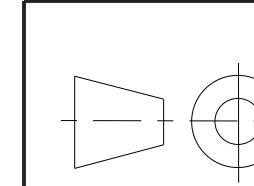
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ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17076	1	Divider Foot	
2	GE-17077	1	Divider	
3	GE-17078	2	Divider Vertical Support	

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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:6	SHEET 1 OF 3
TITLE		Divider, Airship
PROJECT		MODEL NAME
		GE-17075
ISSUE		

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ASME STANDARD,INCH

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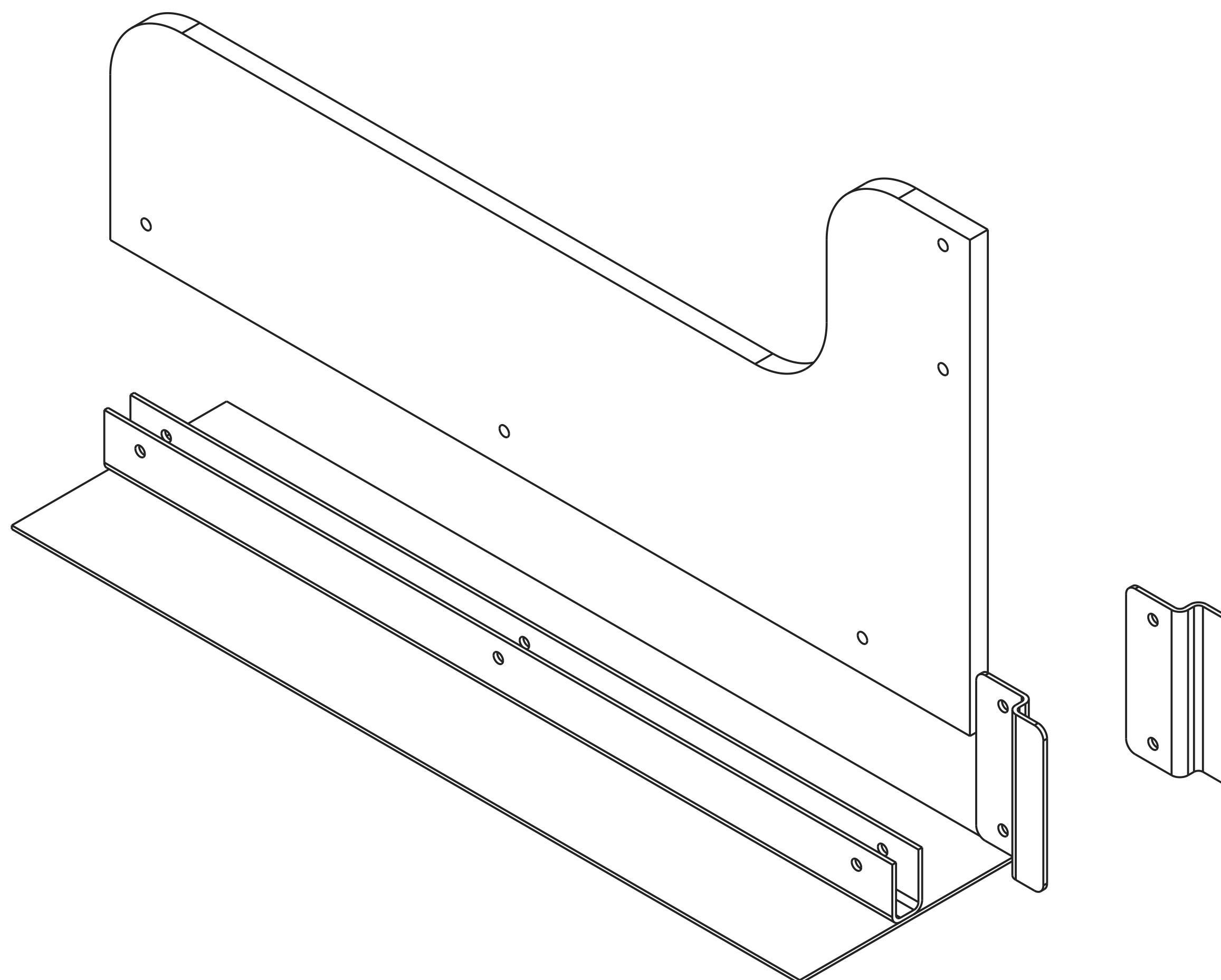
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MODEL NAME GE-17075	TITLE Divider, Airship
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Divider, Airship

Exploded View of Assembly



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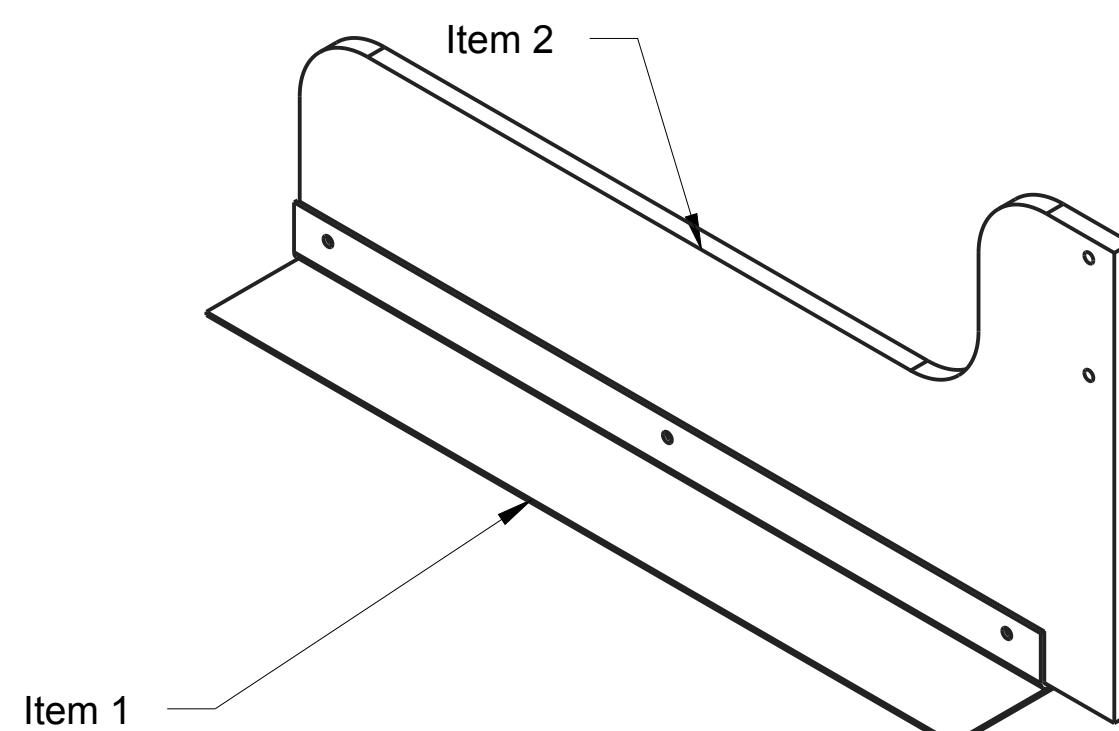
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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:6	SHEET 2 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1	TITLE Divider, Airship	PROJECT MODEL NAME GE-17075 ISSUE
DO NOT SCALE		

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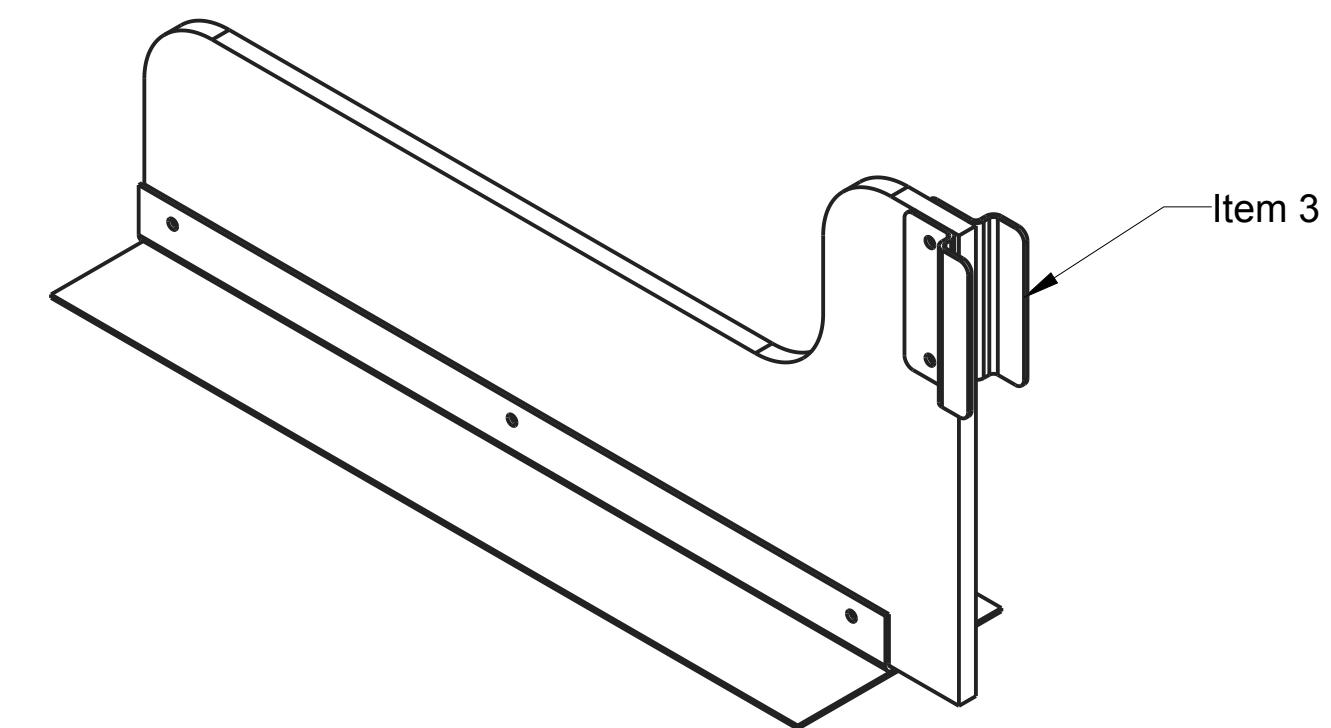
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MODEL NAME  
GE-17075TITLE  
Divider, Airship

Step 1  
Add Item 1 to Item 2 as base



Step 2  
Add Item 3 with 1/4 x 20 Nylock and 1" bolts

	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 XX +/- 0.01 XXX XXX +/- 0.001 ANG +/- 1	TITLE	Divider, Airship
DO NOT SCALE	PROJECT	MODEL NAME GE-17075
		ISSUE

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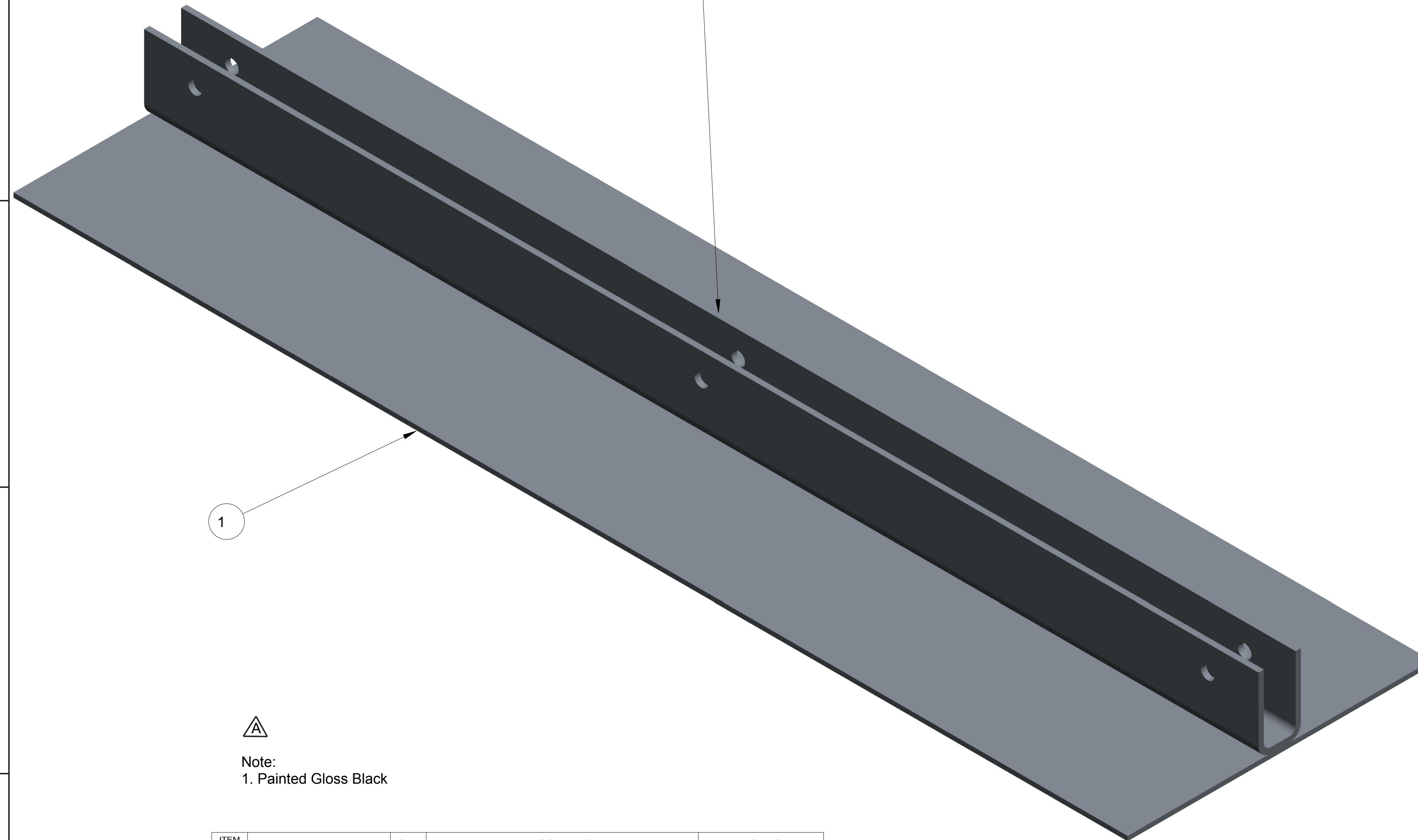
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MODEL NAME GE-17076	TITLE Divider Foot
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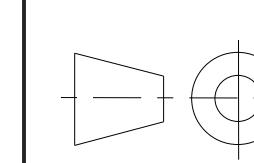
REV A	ZONE B-4	DESCRIPTION Add Paint Notation	DATE 11/17/16	INITIALS MXS
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Note:  
1. Painted Gloss Black

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17076-01	1	Sheet	
2	GE-17076-02	1	Angle	

 <small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 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 19:96	SHEET 1 OF 4
TITLE		Divider Foot	
PROJECT		MODEL NAME	GE-17076
ISSUE			

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## Divider Foot

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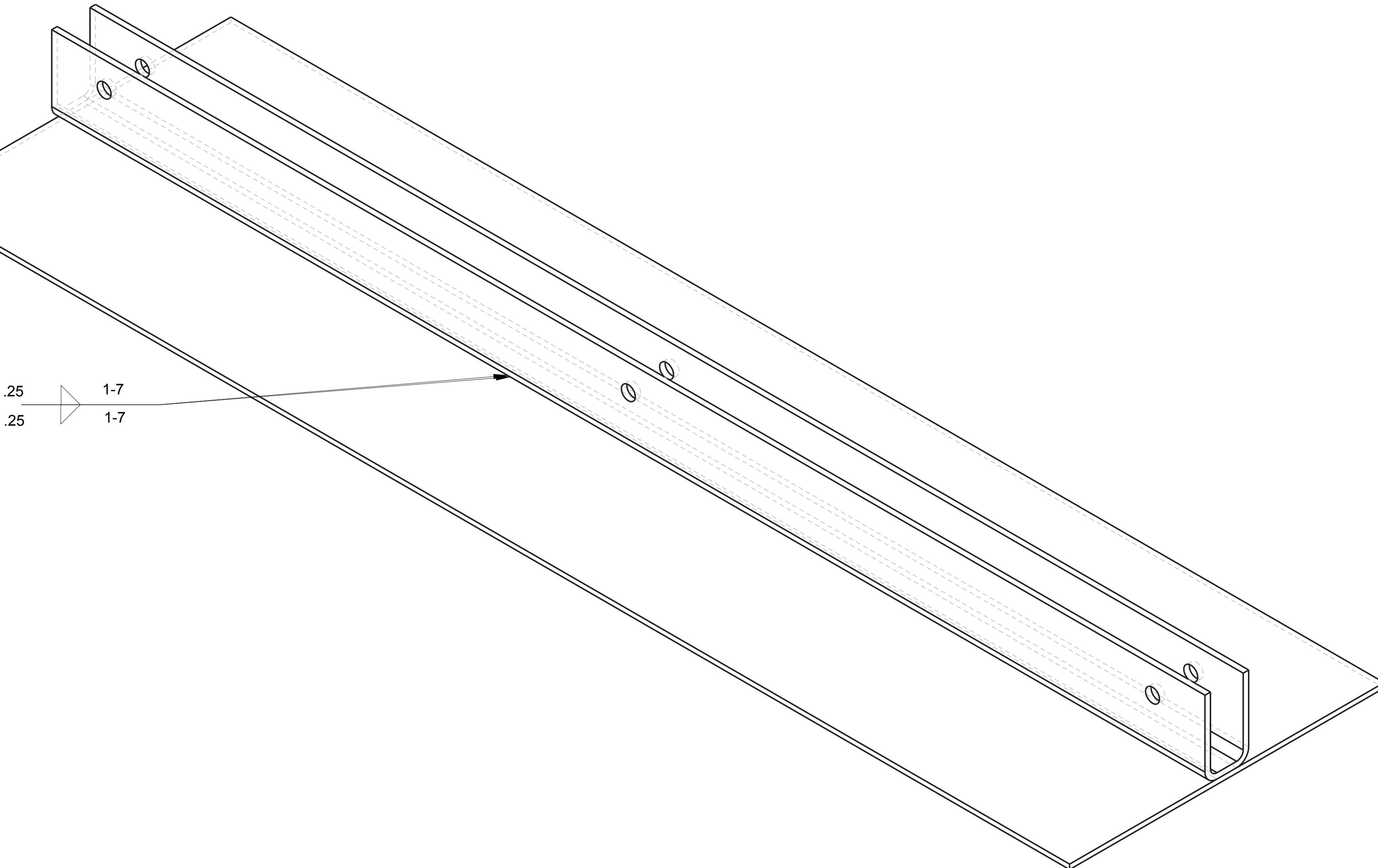
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		APPROVED BY	DATE
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1			TITLE
Divider Foot			PROJECT
GE-17076			MODEL NAME
			ISSUE

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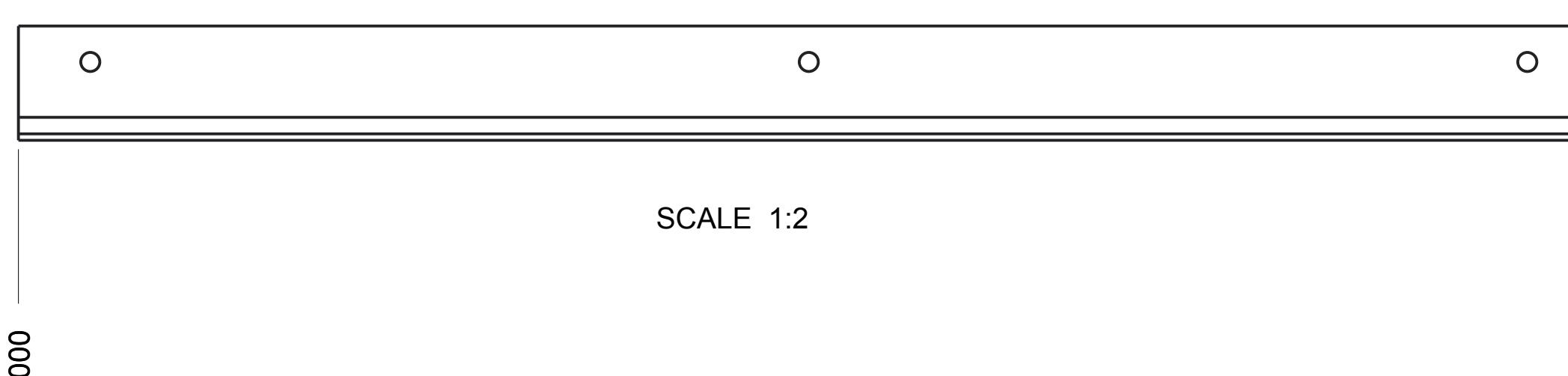
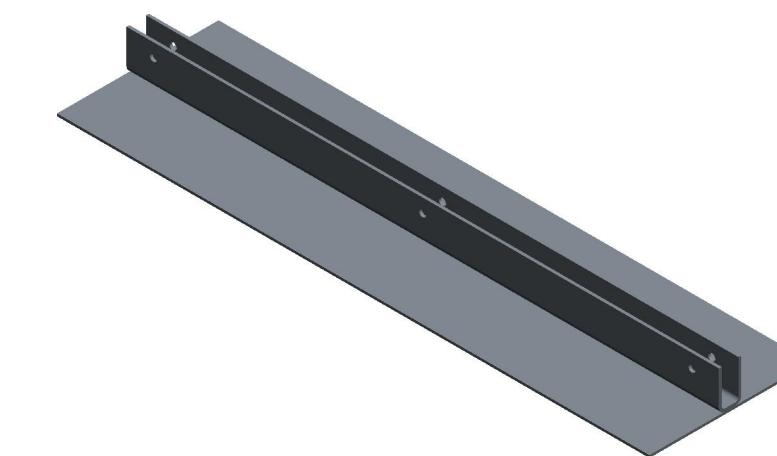
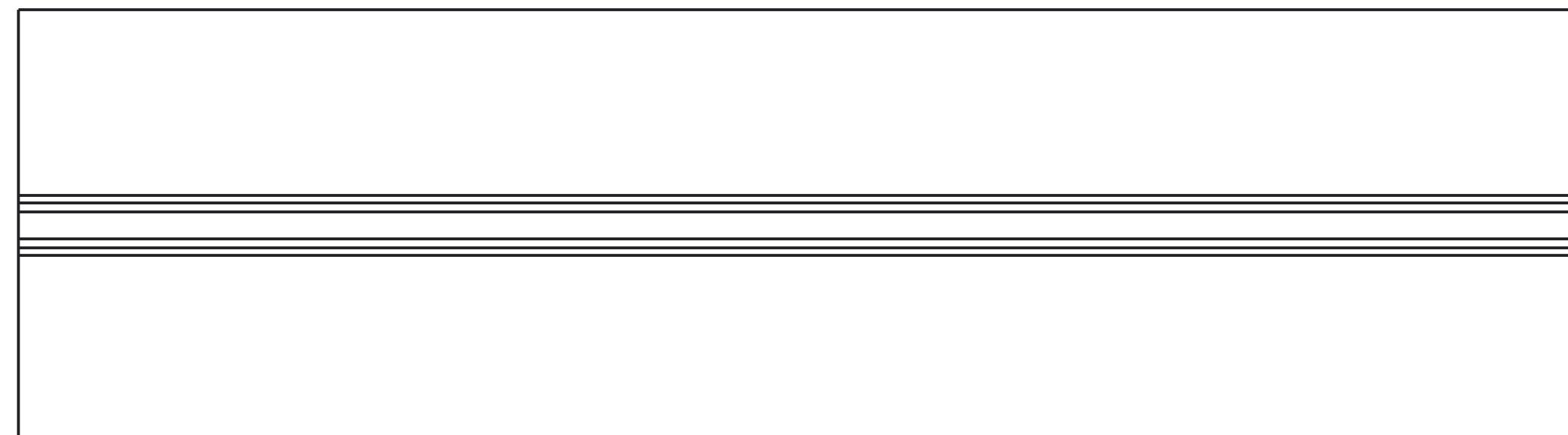
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MODEL NAME GE-17076	TITLE
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Divider Foot

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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		APPROVED BY	DATE
DO NOT SCALE		SCALE 19:96	SHEET 3 OF 4
DO NOT SCALE	TITLE	Divider Foot	
DO NOT SCALE	PROJECT	MODEL NAME	GE-17076
DO NOT SCALE	ISSUE		

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ASME STANDARD,INCH

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MODEL NAME  
GE-17076

TITLE  
Divider Foot

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SCALE 1:2

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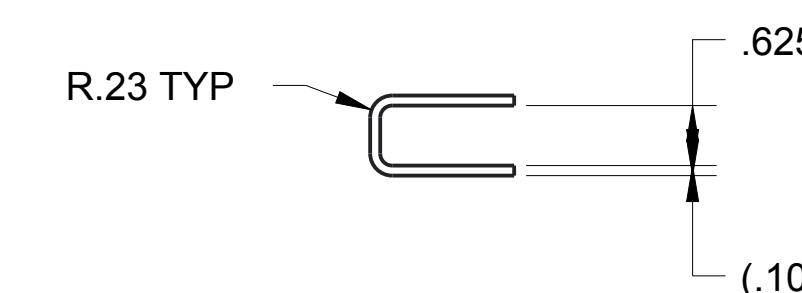
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SCALE 1:2

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Part Number: GE-17076-01  
Material: 13 GA Steel Sheet



Part Number GE-17076-02  
Material: 12 GA. Steel Sheet

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 19:96	SHEET 4 OF 4
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XX.X +/- .01 XXX.X +/- .001 ANG +/- 1	TITLE	
DO NOT SCALE	Divider Foot	
PROJECT	MODEL NAME	ISSUE
	GE-17076	

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MODEL NAME  
GE-17077TITLE  
Divider

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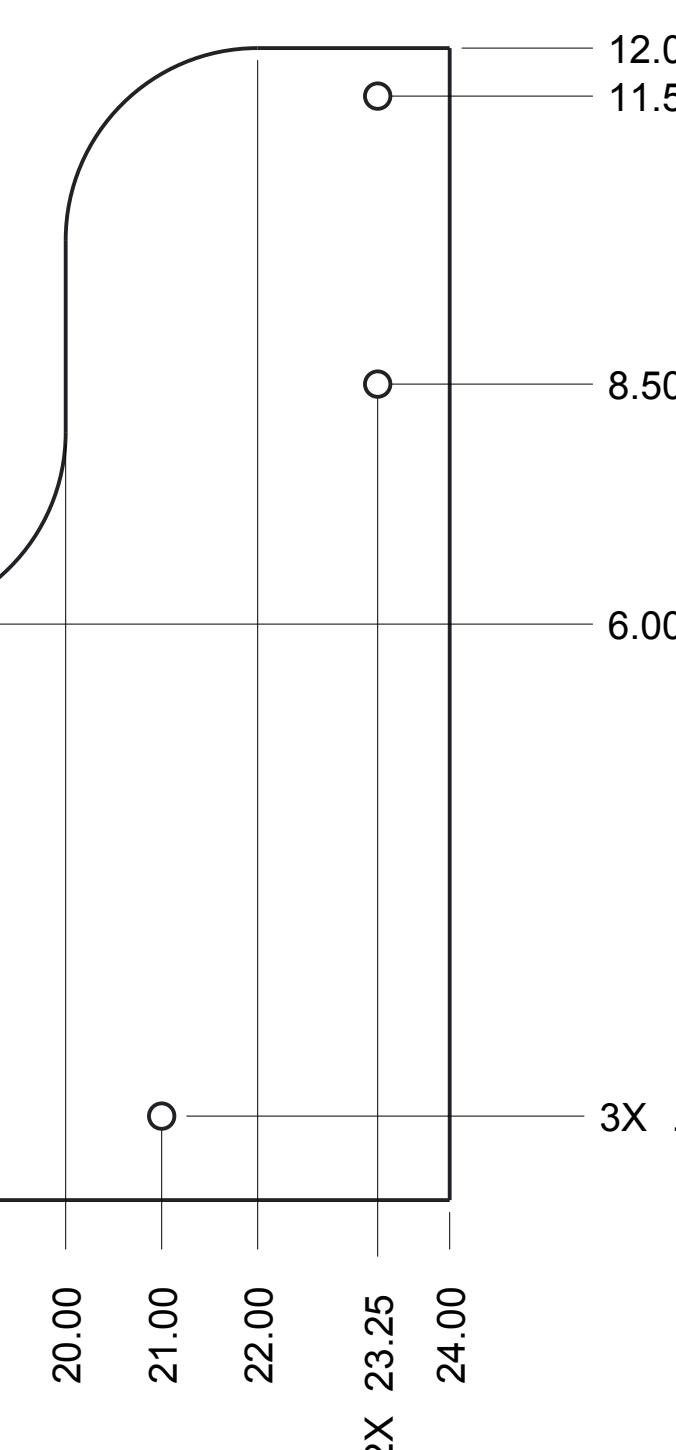
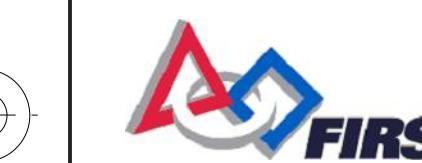
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Part Number: GE-17077  
Material .50" Gray HDPE Sheet

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

DO NOT SCALE	PROJECT	MODEL NAME	ISSUE
		GE-17077	

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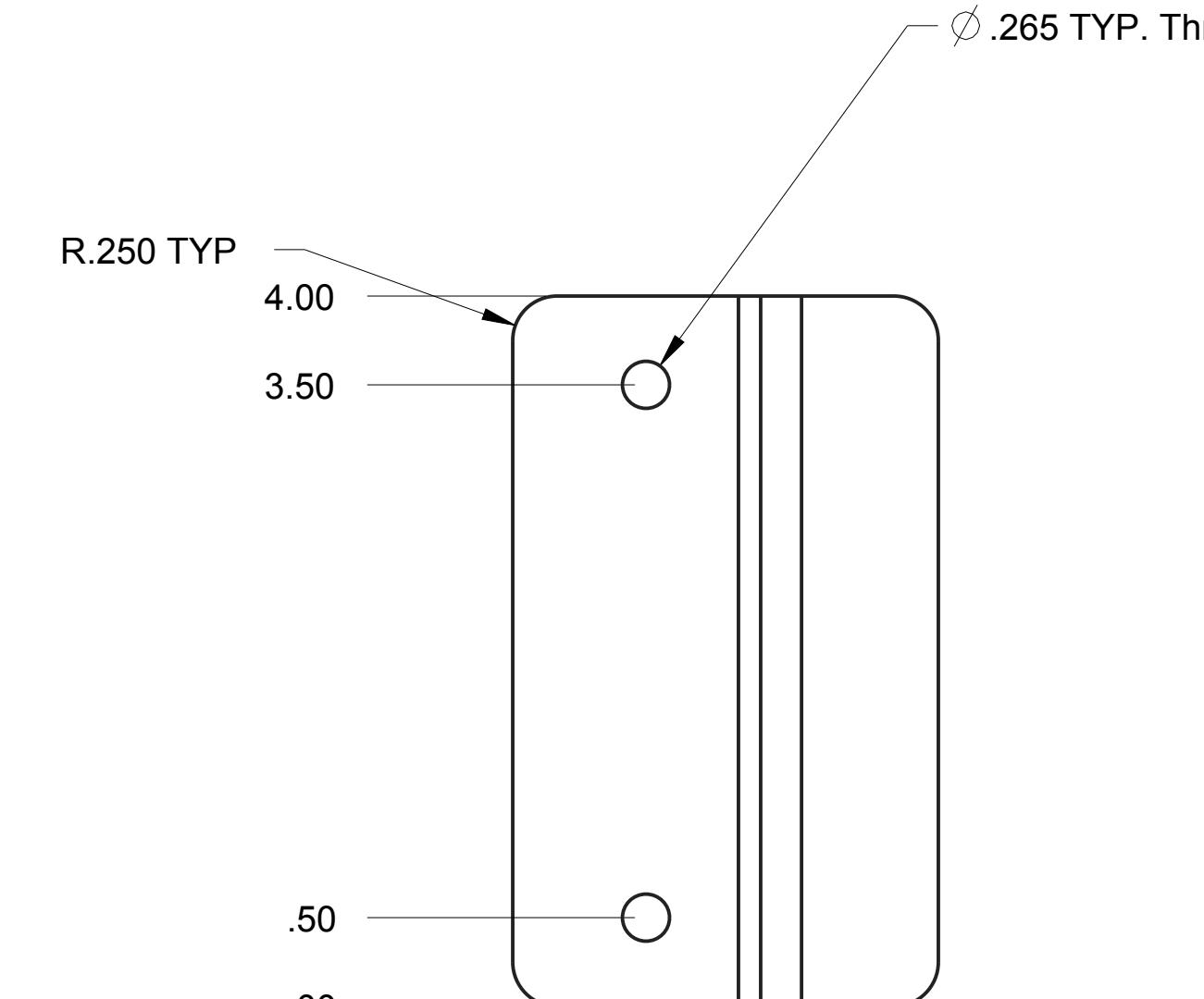
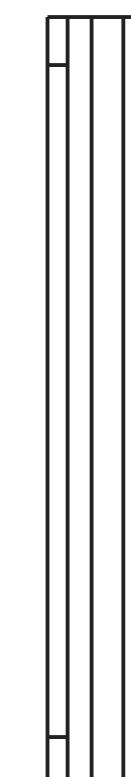
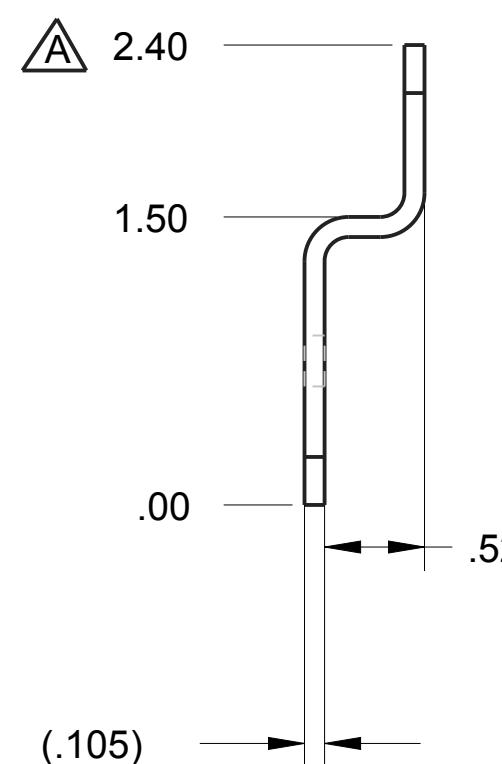
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ASME STANDARD,INCH

MODEL NAME GE-17078	TITLE Divider Vertical Support
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REV A	ZONE D-1	DESCRIPTION 2.40 was 2.90	DATE DAF	INITIALS 12/8/2016
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Part Number: GE-17078  
Material: 12 GA Steel Sheet

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	APPROVED BY	DATE
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DO NOT SCALE	PROJECT	MODEL NAME GE-17078

MODEL NAME  
GE-17079

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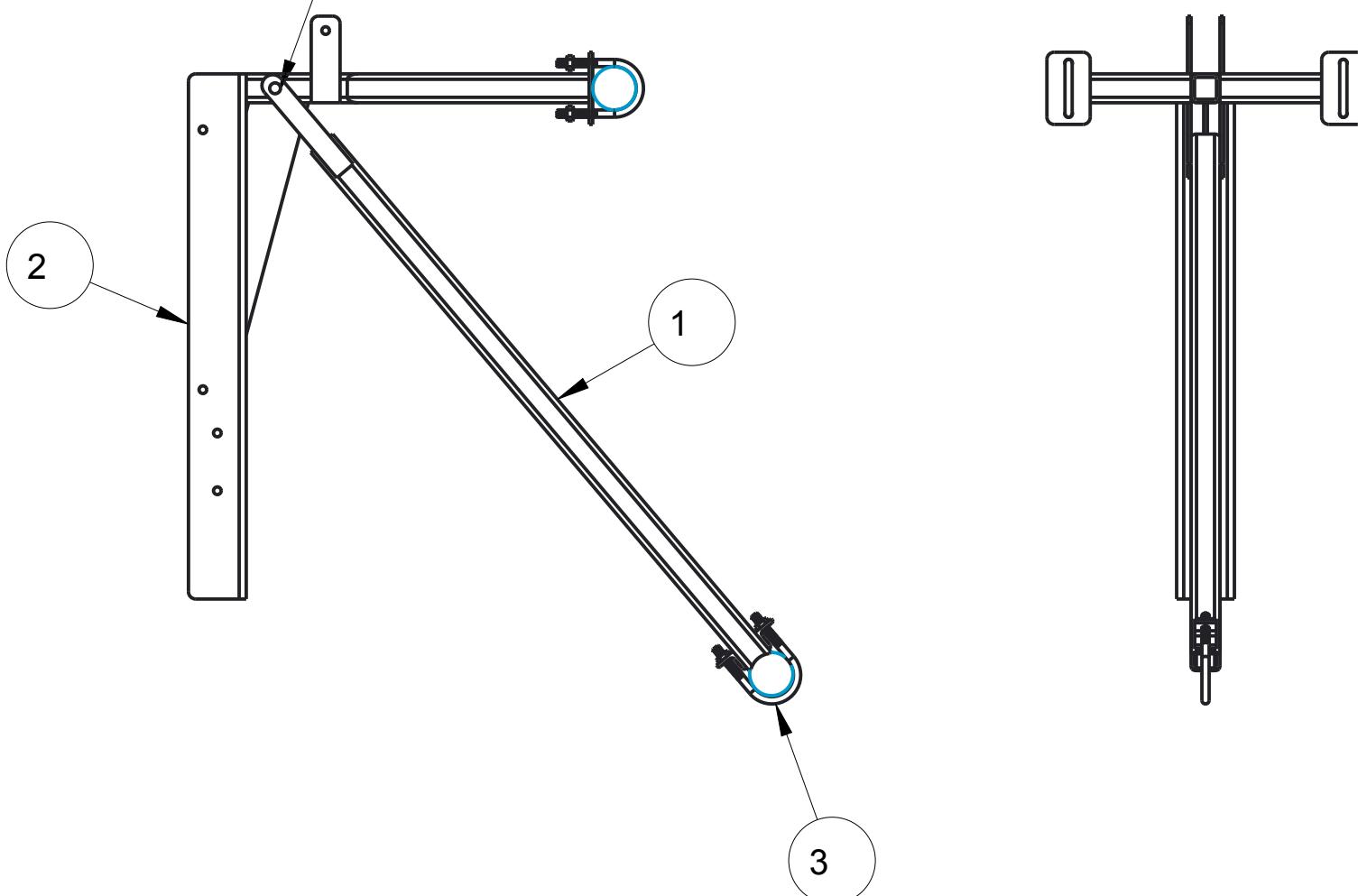
TITLE

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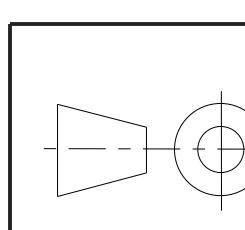
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ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17080	1	Lower Arm	
2	GE-17081	1	Upper Arm	
3	MMC3201T14	3	U-Bolt, 1/4-20, 1.5" ID	

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 1:6	SHEET 1 OF 1

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PROJECT

MODEL NAME	GE-17079	ISSUE
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MODEL NAME GE-17080	TITLE Loiwer Arm
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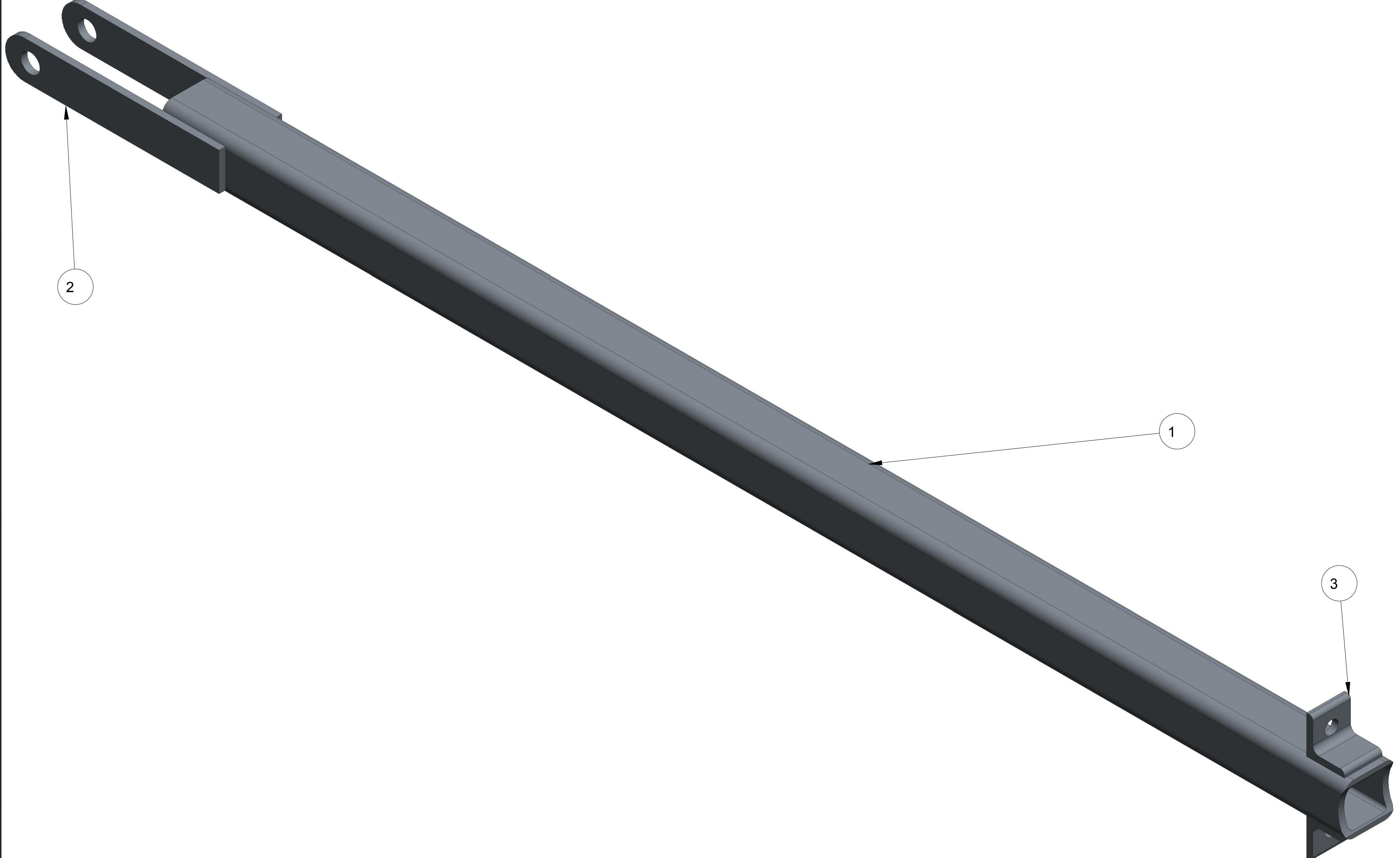
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ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17080-01	1	Tube	
2	GE-17080-02	2	Bar	
3	GE-17080-03	2	Angle	

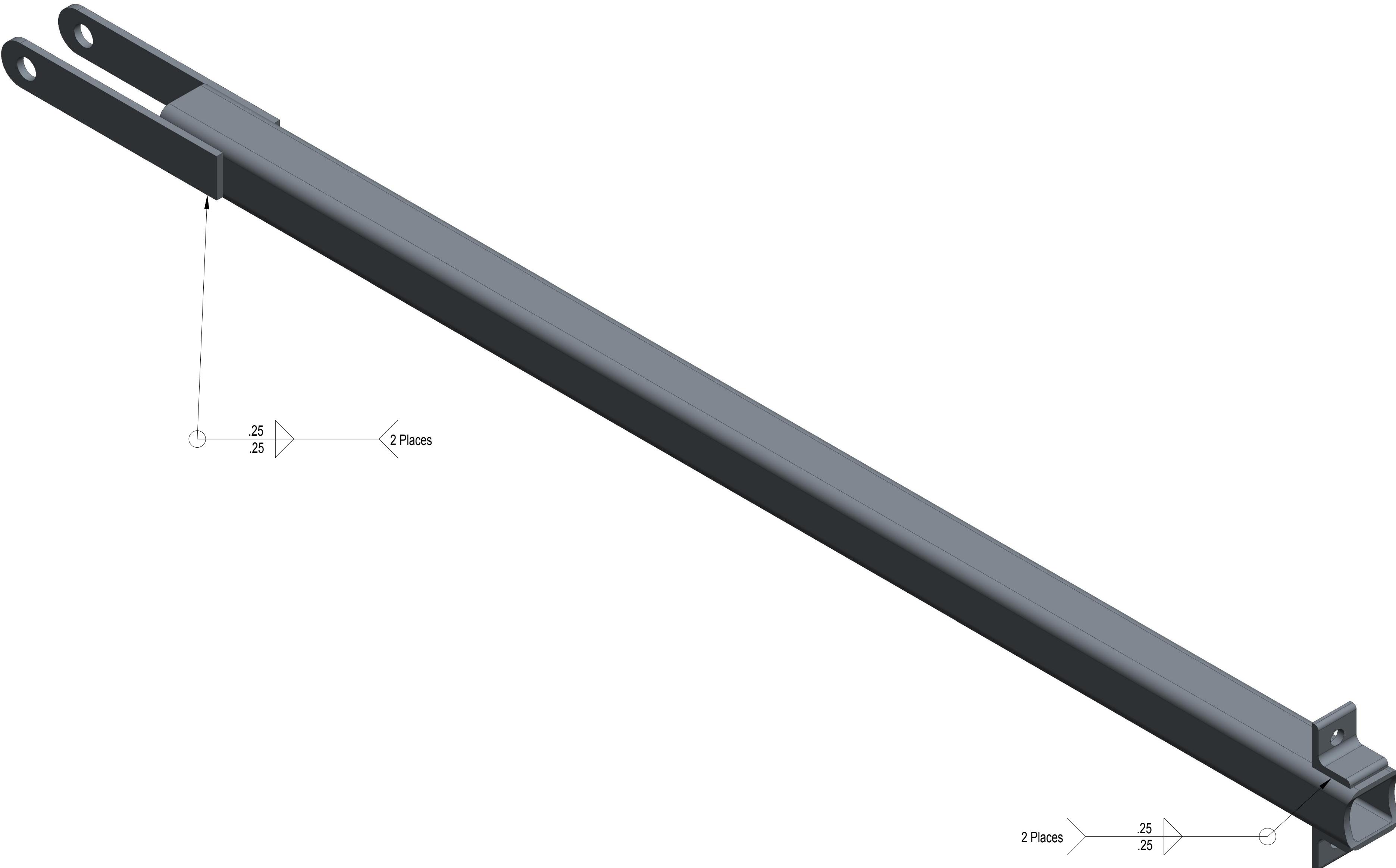
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SCALE 19:96 SHEET 1 OF 4		
TITLE Loiwer Arm		
PROJECT		
DO NOT SCALE		MODEL NAME GE-17080
ISSUE		

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MODEL NAME  
GE-17080TITLE  
Loiwer Arm

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 19:96	SHEET 2 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	Loiwer Arm
DO NOT SCALE	PROJECT	MODEL NAME GE-17080
		ISSUE

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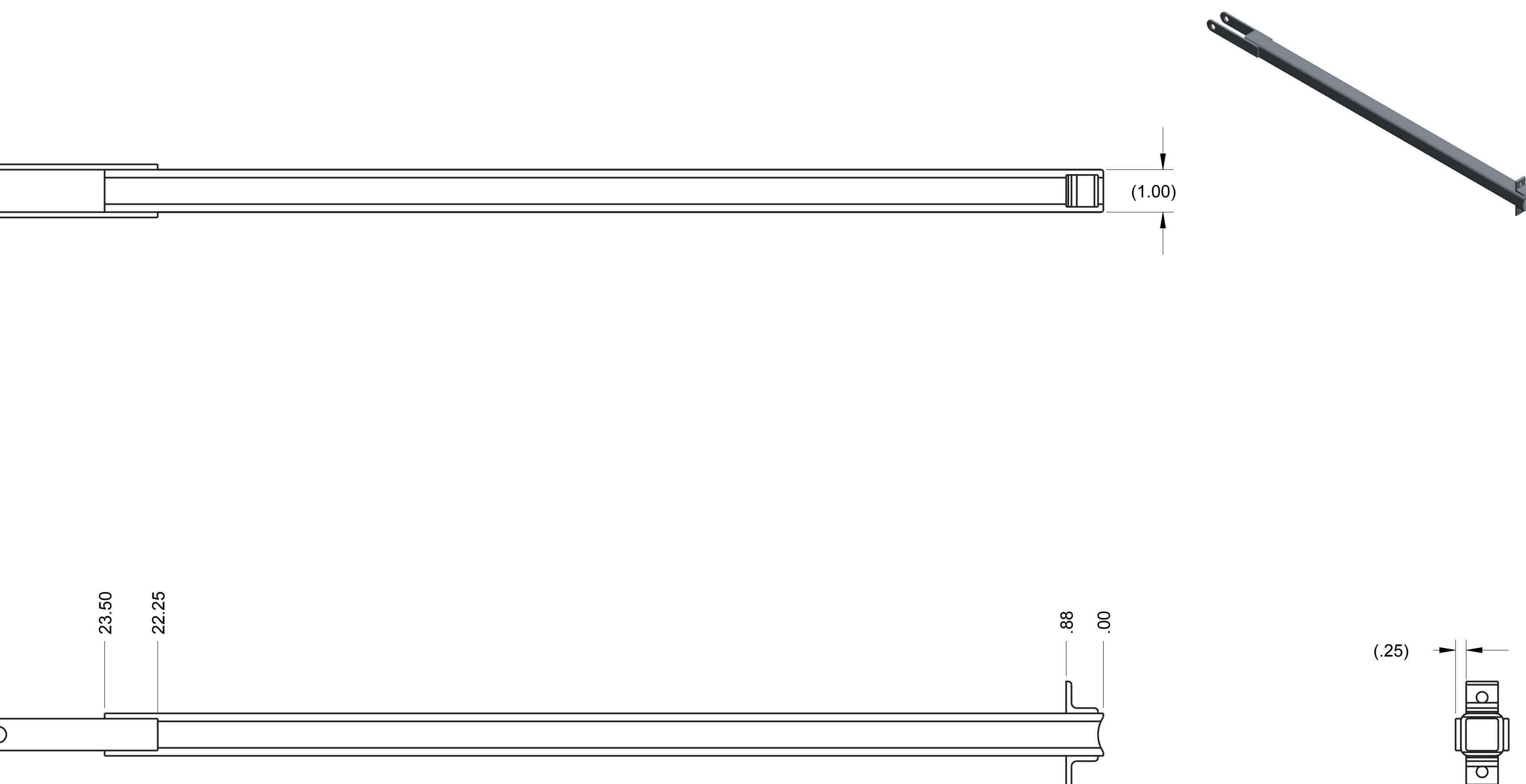
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MODEL NAME  
GE-17080TITLE  
Loiwer Arm

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		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.XX +/- 0.001 ANG +/- 1		TITLE	Loiwer Arm
DO NOT SCALE		PROJECT	MODEL NAME GE-17080
ISSUE			

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ASME STANDARD,INCH

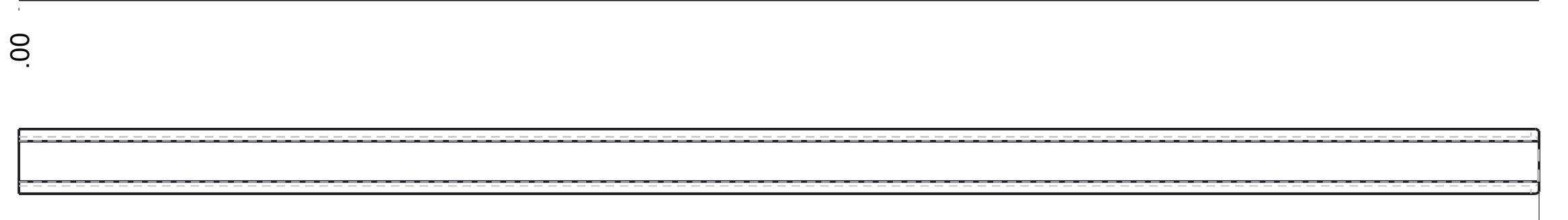
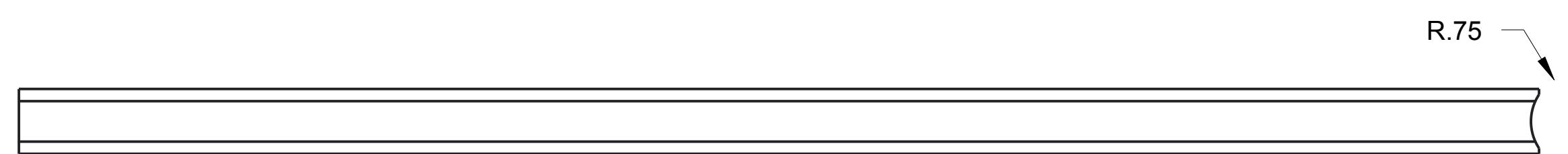
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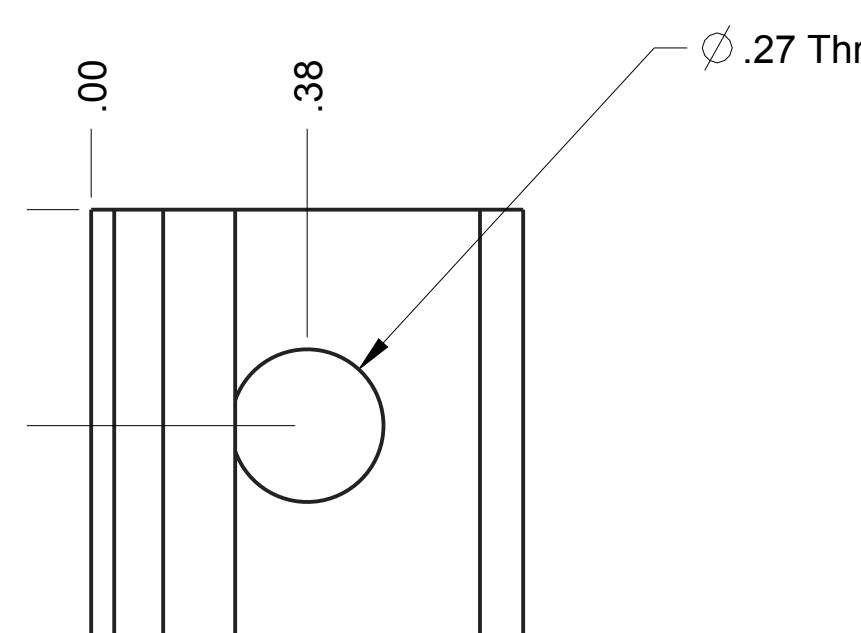
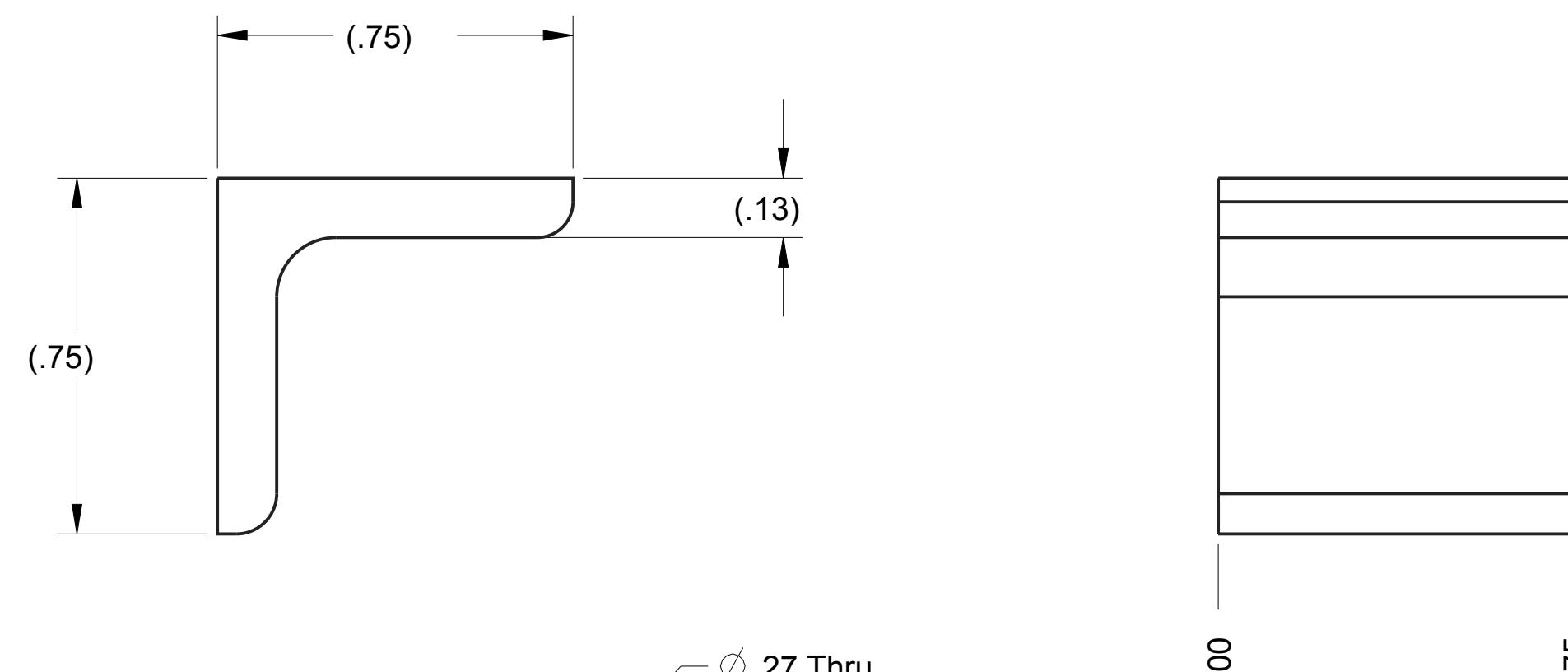
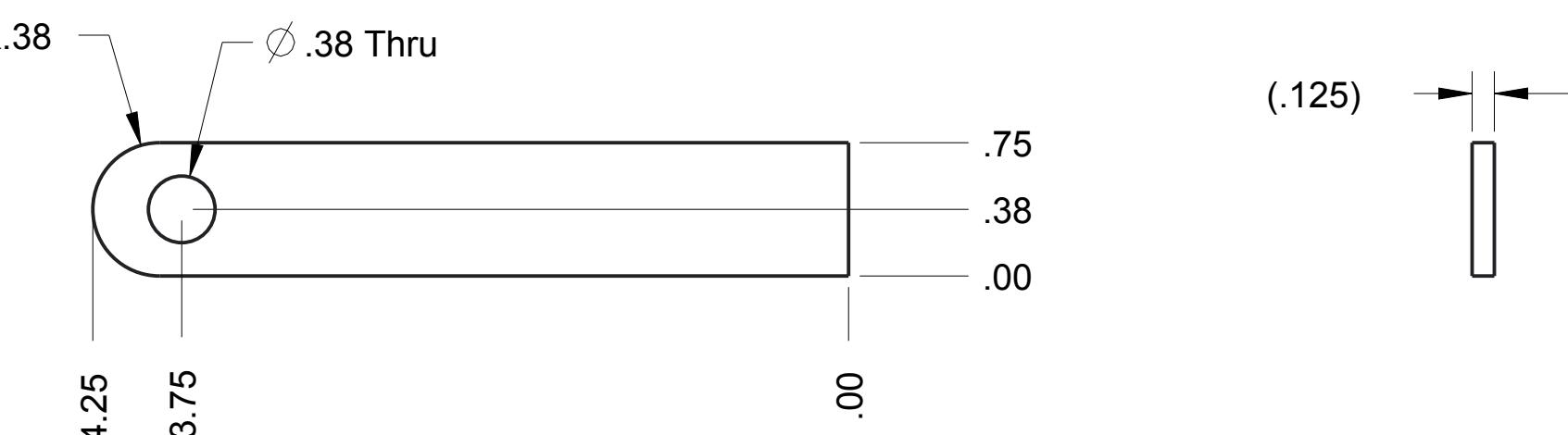
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MODEL NAME: GE-17080 | TITLE: Loiwer Arm



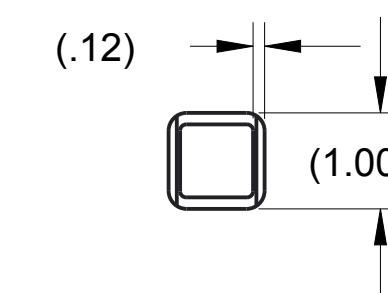
SCALE 1:2



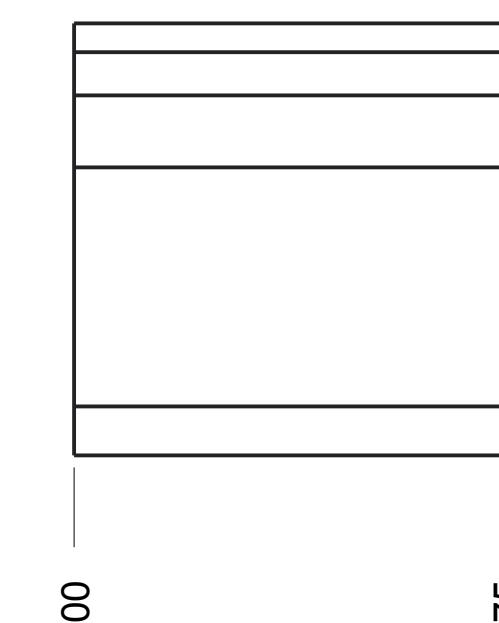
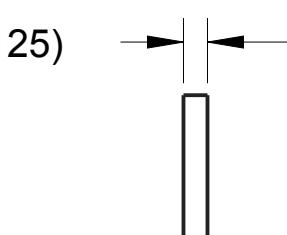
24.13  
23.50

R.75

Part Number: GE-17080-01  
Material: 1"x 0.12" A500/A513 Tube  
QTY:1



Part Number: GE-17080-02  
Materials: .125 Steel Sheet 4130  
QTY: 2



Part Number: GE-17080-03  
Material: .75"x.75" A36 Angle  
QTY: 2

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 19:96	SHEET 4 OF 4
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.X +/- 0.001 ANG +/- 1	TITLE	Loiwer Arm
DO NOT SCALE	PROJECT	MODEL NAME GE-17080
		ISSUE

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MODEL NAME GE-17081	TITLE Upper Arm
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REV A	ZONE	DESCRIPTION Sheet 4	DATE 2/3/2017	INITIALS DAF
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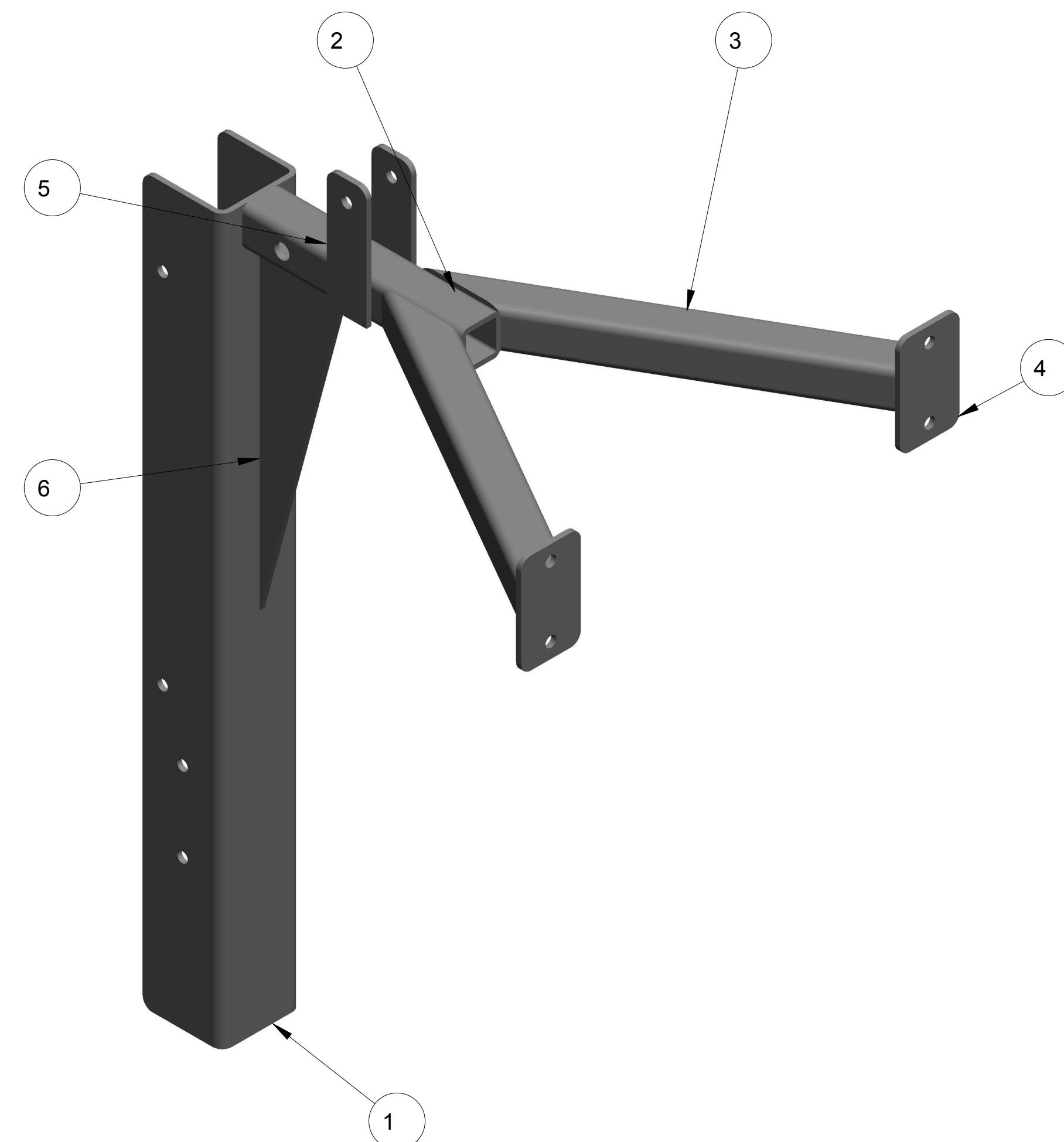
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ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17081-01	1	Channel	
2	GE-17081-02	1	Tube	
3	GE-17081-03	2	Tube	
4	GE-17081-04	2	Bar	
5	GE-17081-05	2	Plate	
6	GE-17081-06	1	Plate	

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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 19:96 SHEET 1 OF 5	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1		TITLE Upper Arm	
DO NOT SCALE		PROJECT	MODEL NAME GE-17081
		ISSUE	

MODEL NAME  
GE-17081TITLE  
Upper Arm

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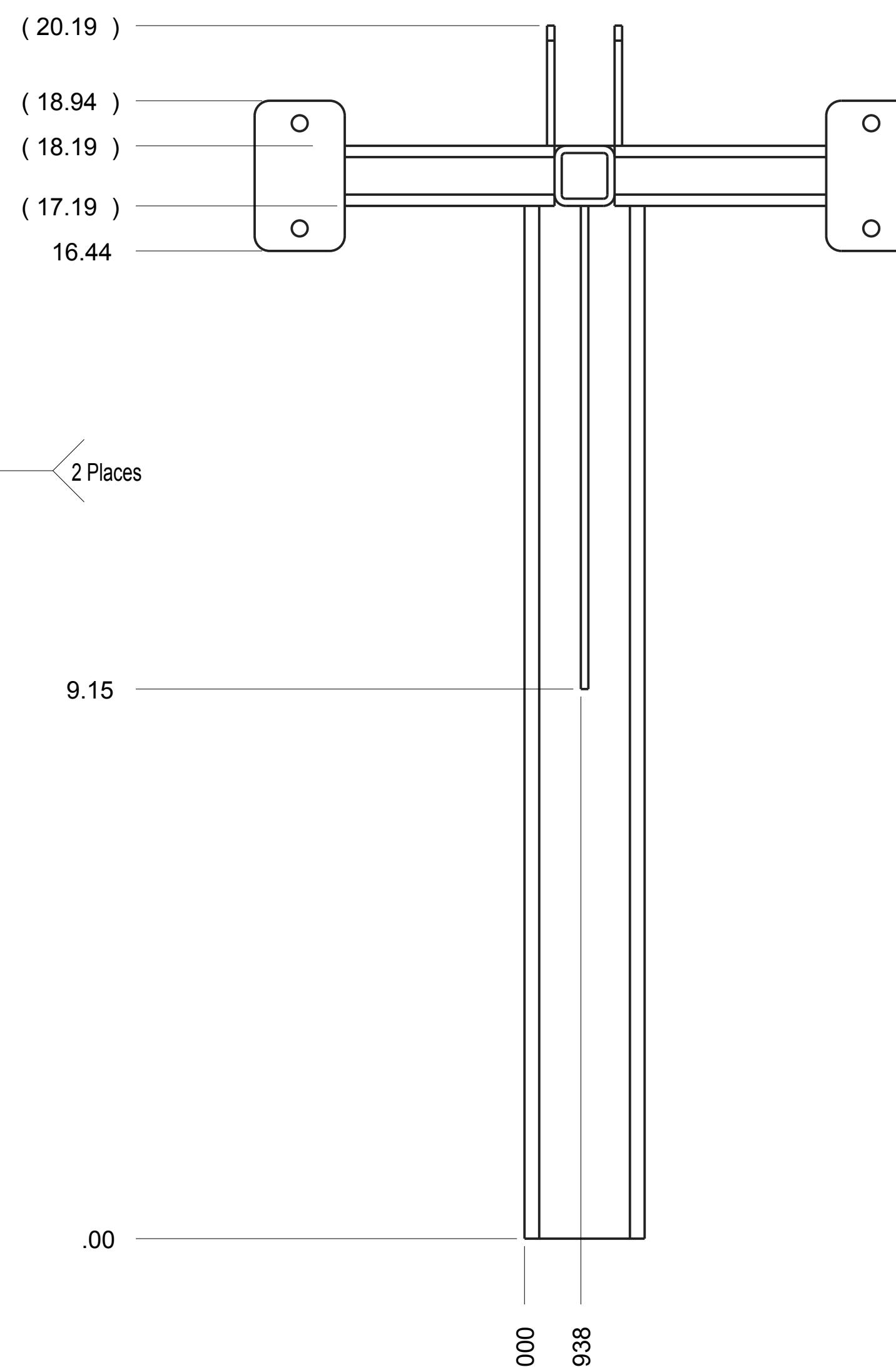
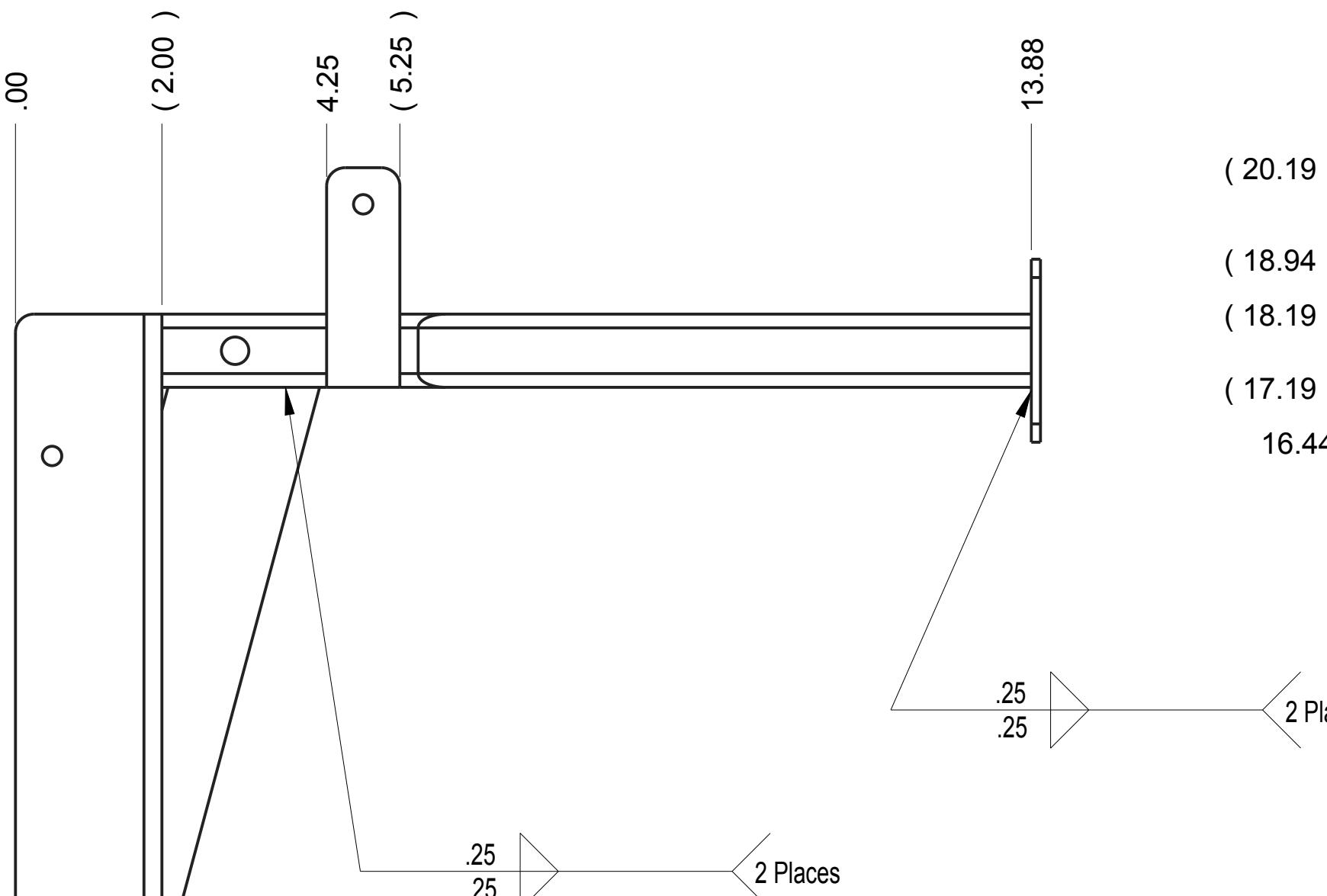
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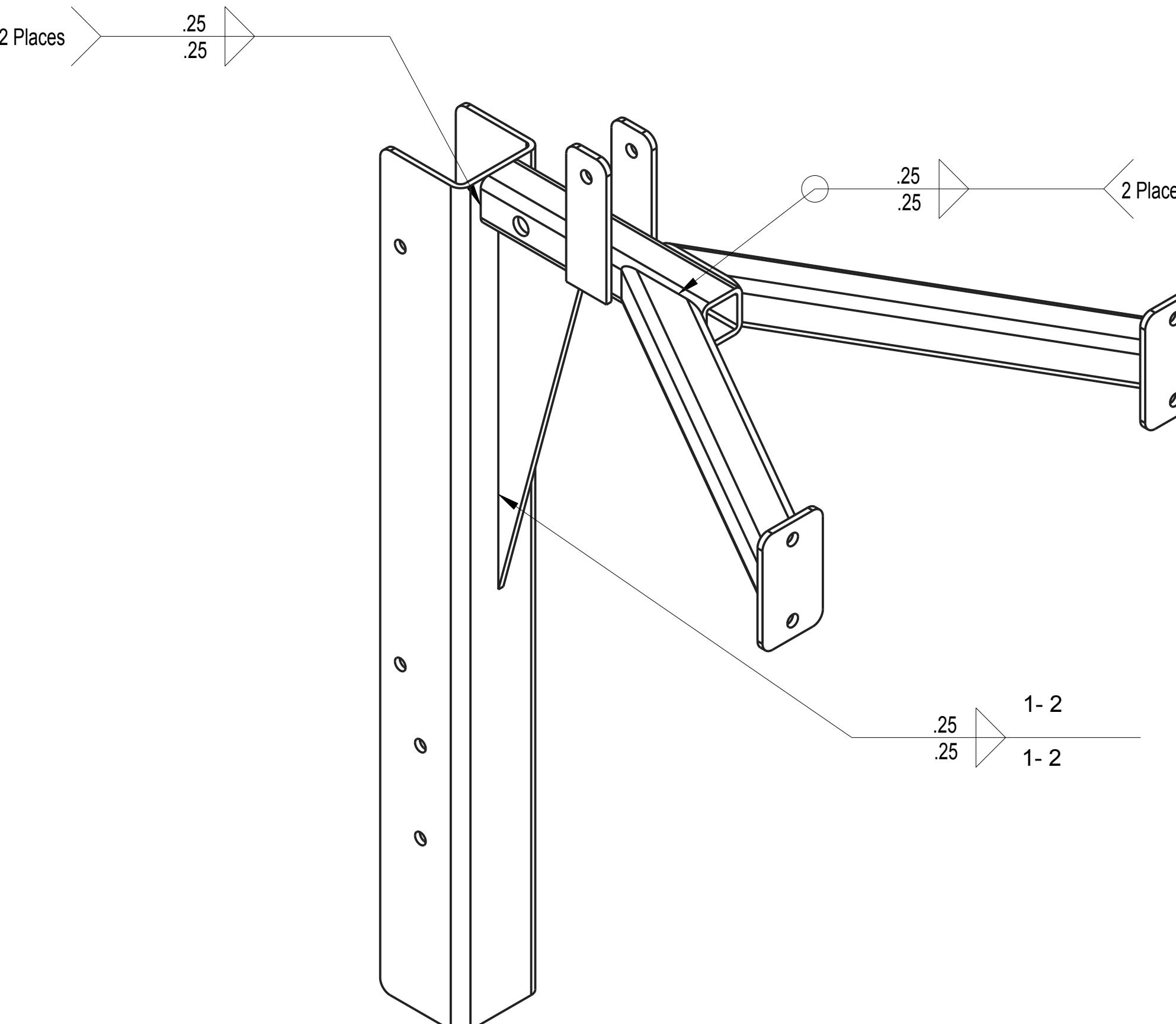
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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 19:96	SHEET 2 OF 5
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XX.X +/- .001 XXX.X +/- .0001 ANG +/- 1	TITLE Upper Arm	PROJECT MODEL NAME GE-17081 ISSUE
DO NOT SCALE		

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MODEL NAME  
GE-17081TITLE  
Upper Arm

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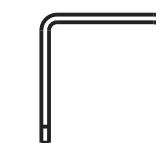
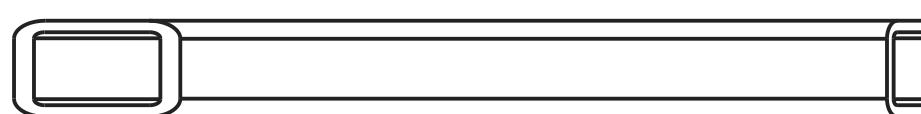
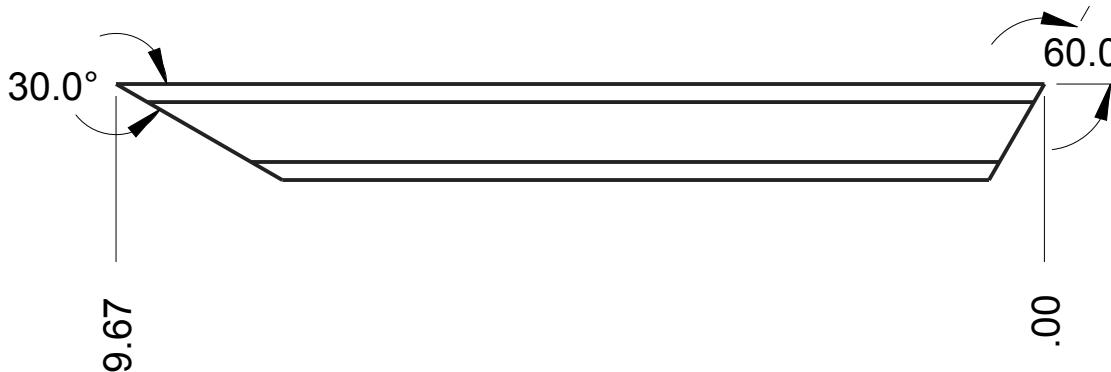
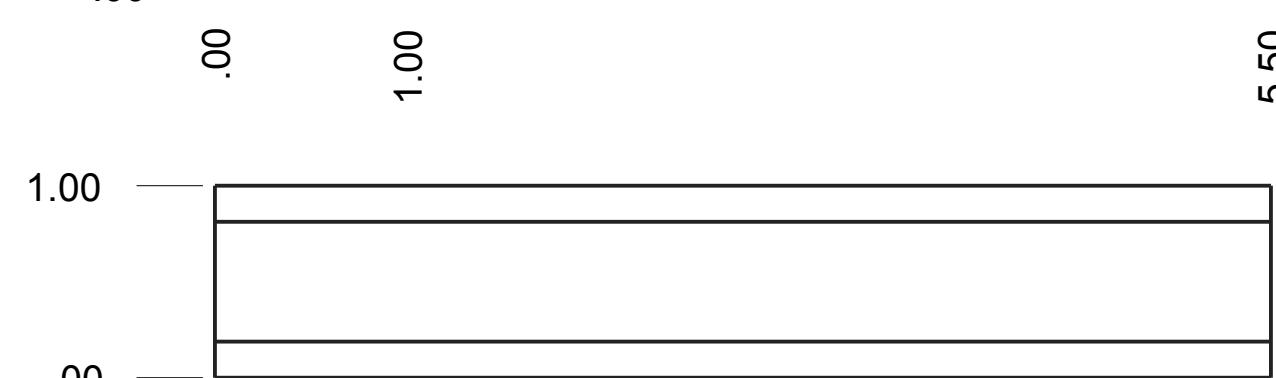
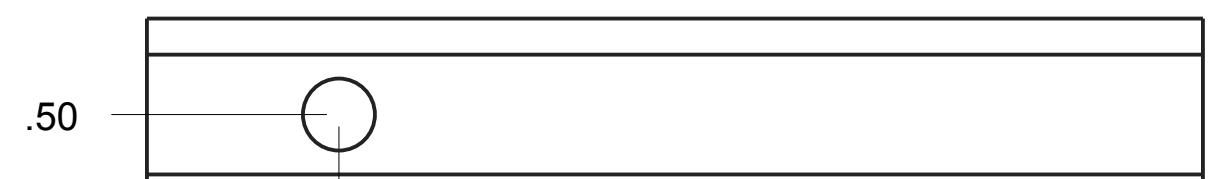
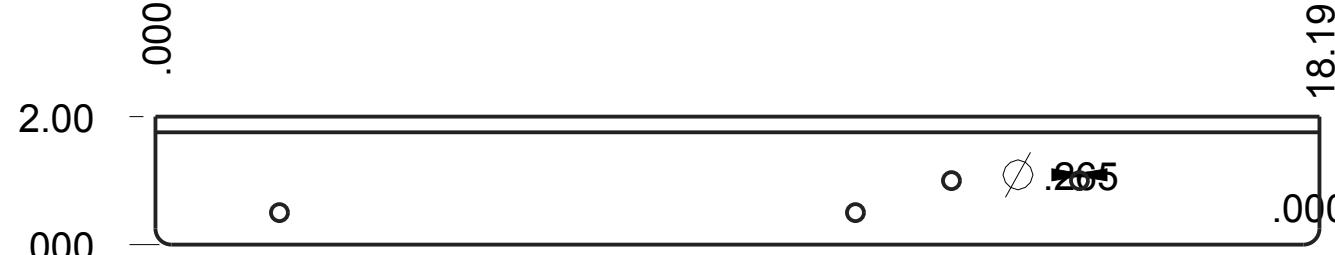
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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 19:96	SHEET 3 OF 5
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1	TITLE	Upper Arm	
DO NOT SCALE	PROJECT	MODEL NAME	GE-17081
		ISSUE	

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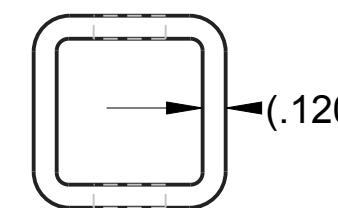
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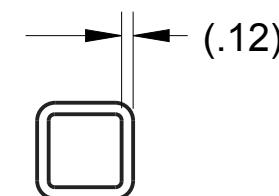
MODEL NAME  
GE-17081TITLE  
Upper ArmREV  
AZONE  
C-4DESCRIPTION  
Material was 1.125" x 0.12"  
A500/A513 Square TubeDATE  
2/3/2017INITIALS  
DAF

Part Number: GE-17081-01  
Material: 11 GA Sheet Steel  
QTY:1



Part Number: GE-17081-02  
Material: 1" x 0.12" A500/A513 Square Tube  
QTY:1

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Part Number: GE-17081-03  
Material: 1" x 0.12" A500/A513 SQUARE TUBE  
QTY:2

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 19:96	SHEET 4 OF 5
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XXX +/- .001 XXXX +/- .0001 ANG +/- 1	TITLE Upper Arm	
DO NOT SCALE	PROJECT	MODEL NAME GE-17081
		ISSUE

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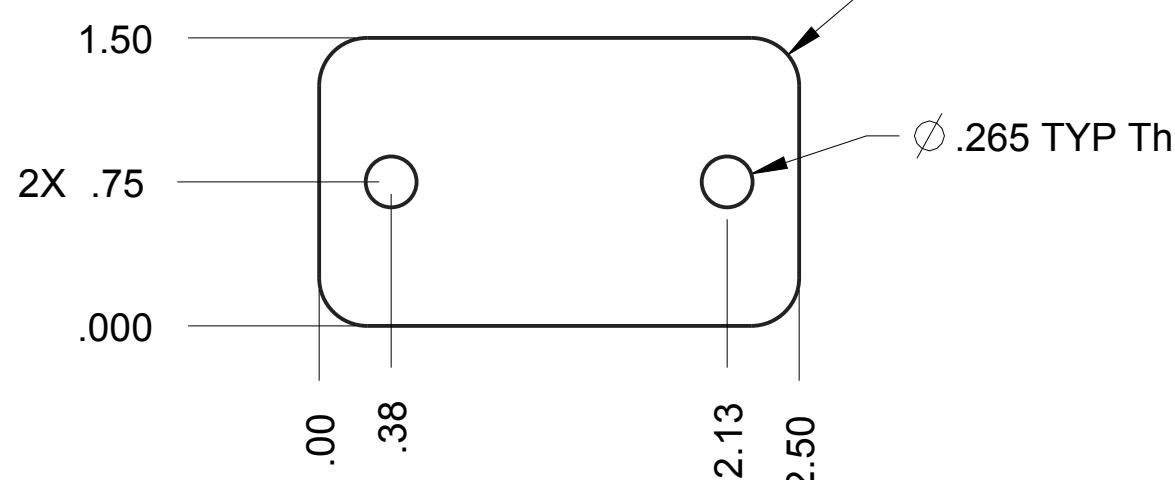
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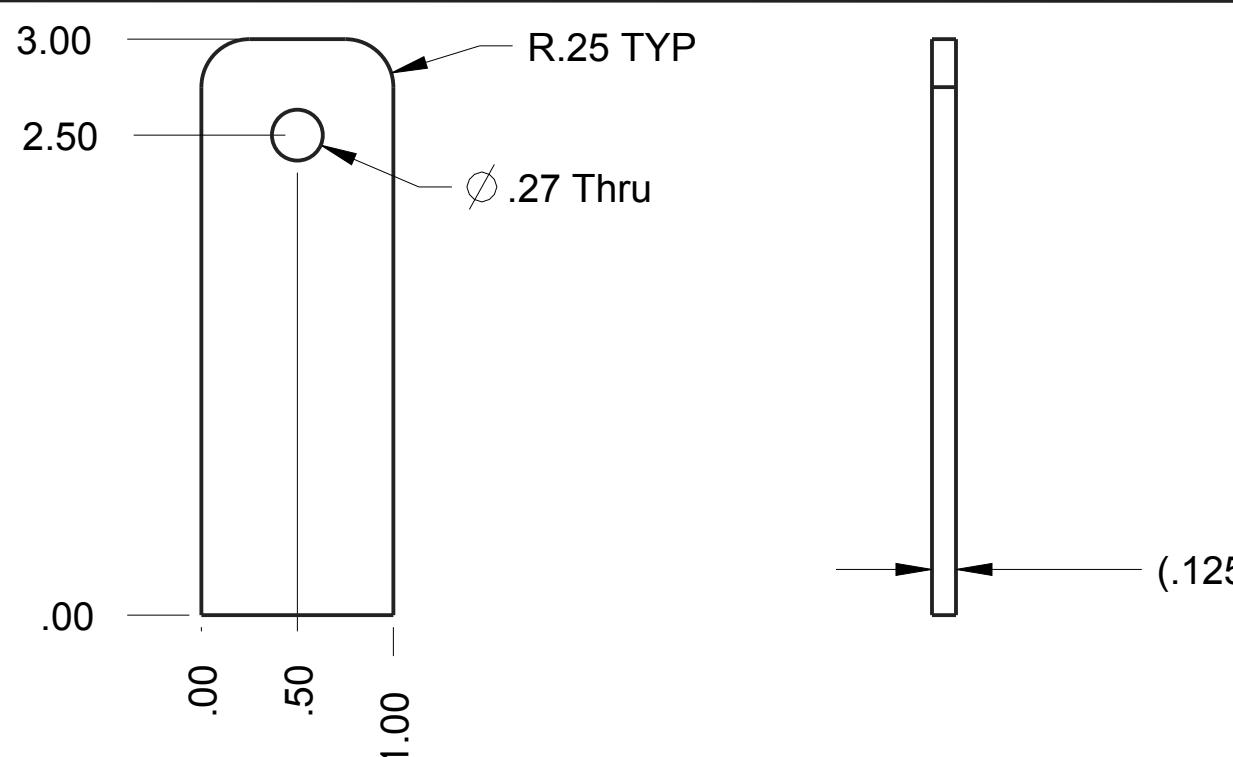
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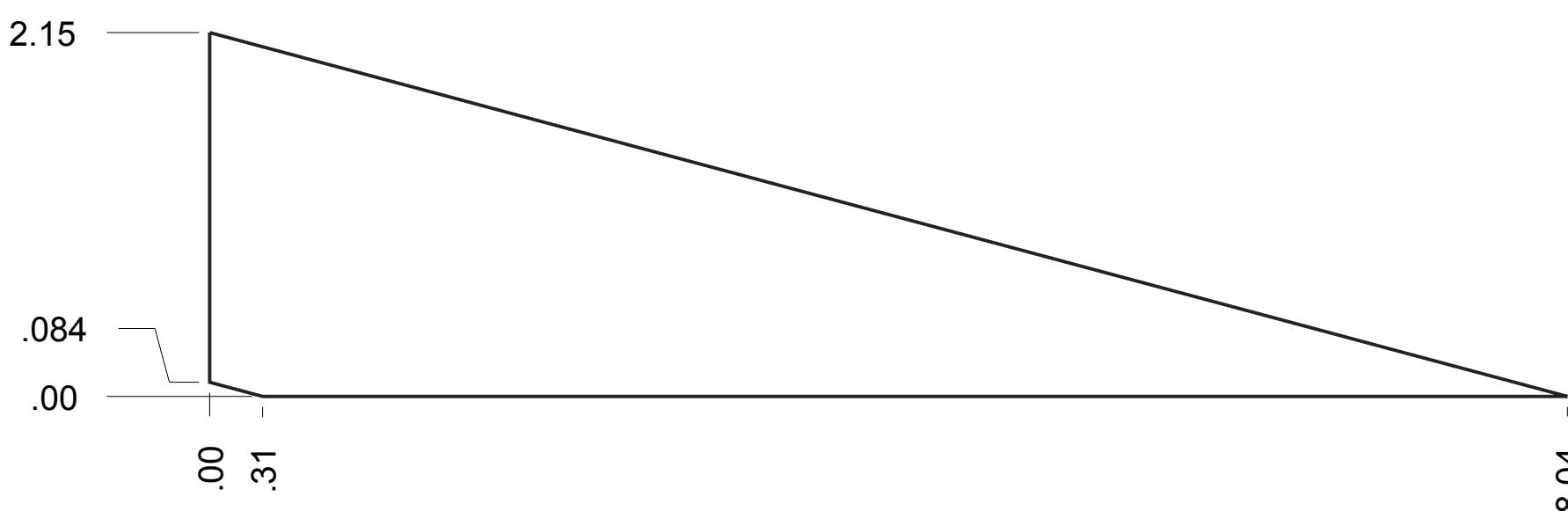
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MODEL NAME  
GE-17081TITLE  
Upper Arm

Part Number: GE-17081-04  
Material: .125" Steel Sheet  
QTY: 2



Part Number: GE-17081-05  
Material: .125 Steel Sheet  
QTY: 2



Part Number: GE-17081-06  
Material: .125" Steel Sheet  
QTY: 1

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 19:96	SHEET 5 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 Upper Arm	
DO NOT SCALE	PROJECT	MODEL NAME GE-17081
		ISSUE

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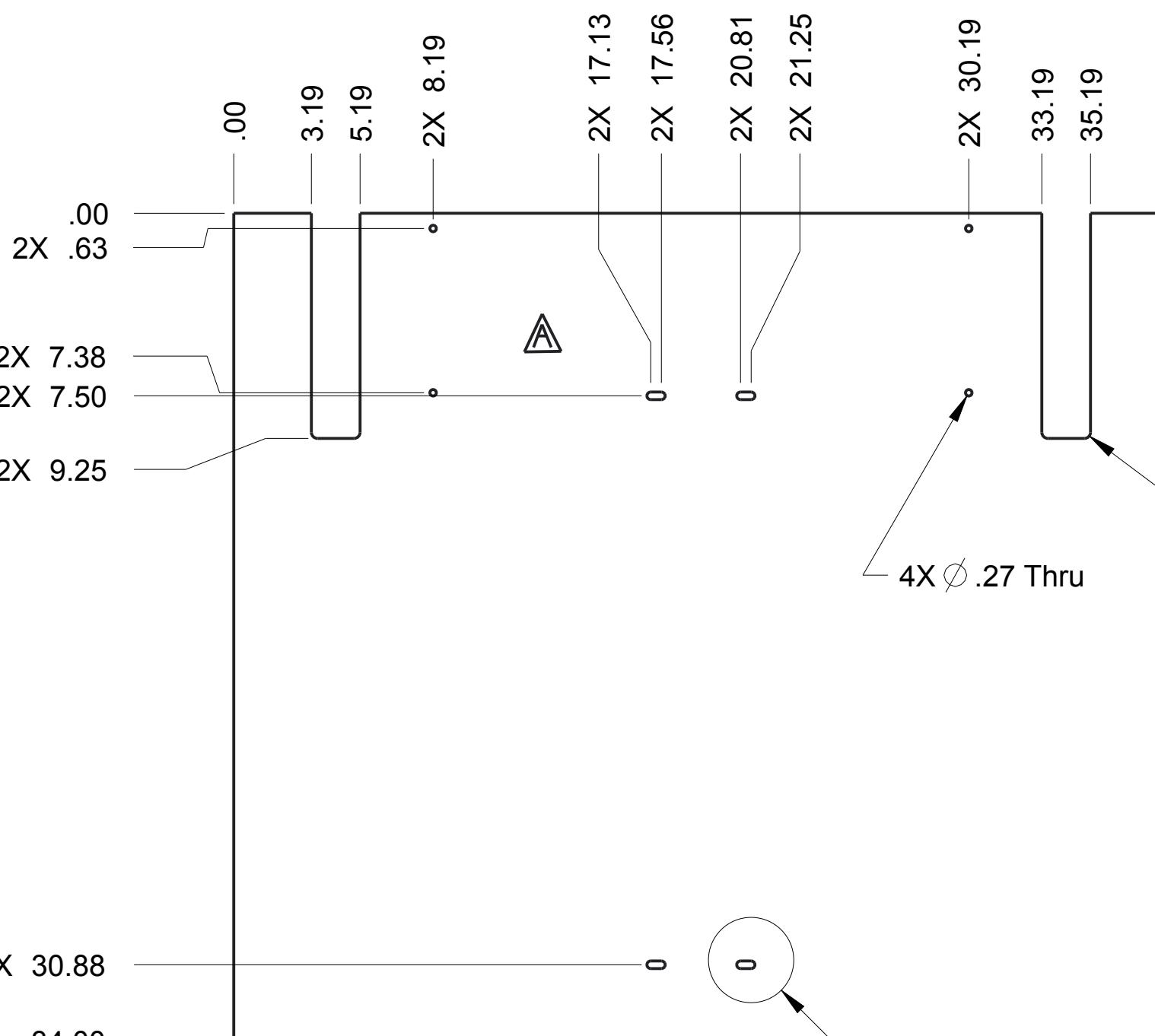
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MODEL NAME GE-17085	TITLE
------------------------	-------

Plastic, Airship Base

REV	ZONE	DESCRIPTION	DATE	INITIALS
A	C2	Added Thru Holes $\phi$ .27 Enlarged slots 9.25	12/9/2016	MXS



		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:6	SHEET 1 OF 1
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DO NOT SCALE		TITLE Plastic, Airship Base	
PROJECT		MODEL NAME	ISSUE
		GE-17085	

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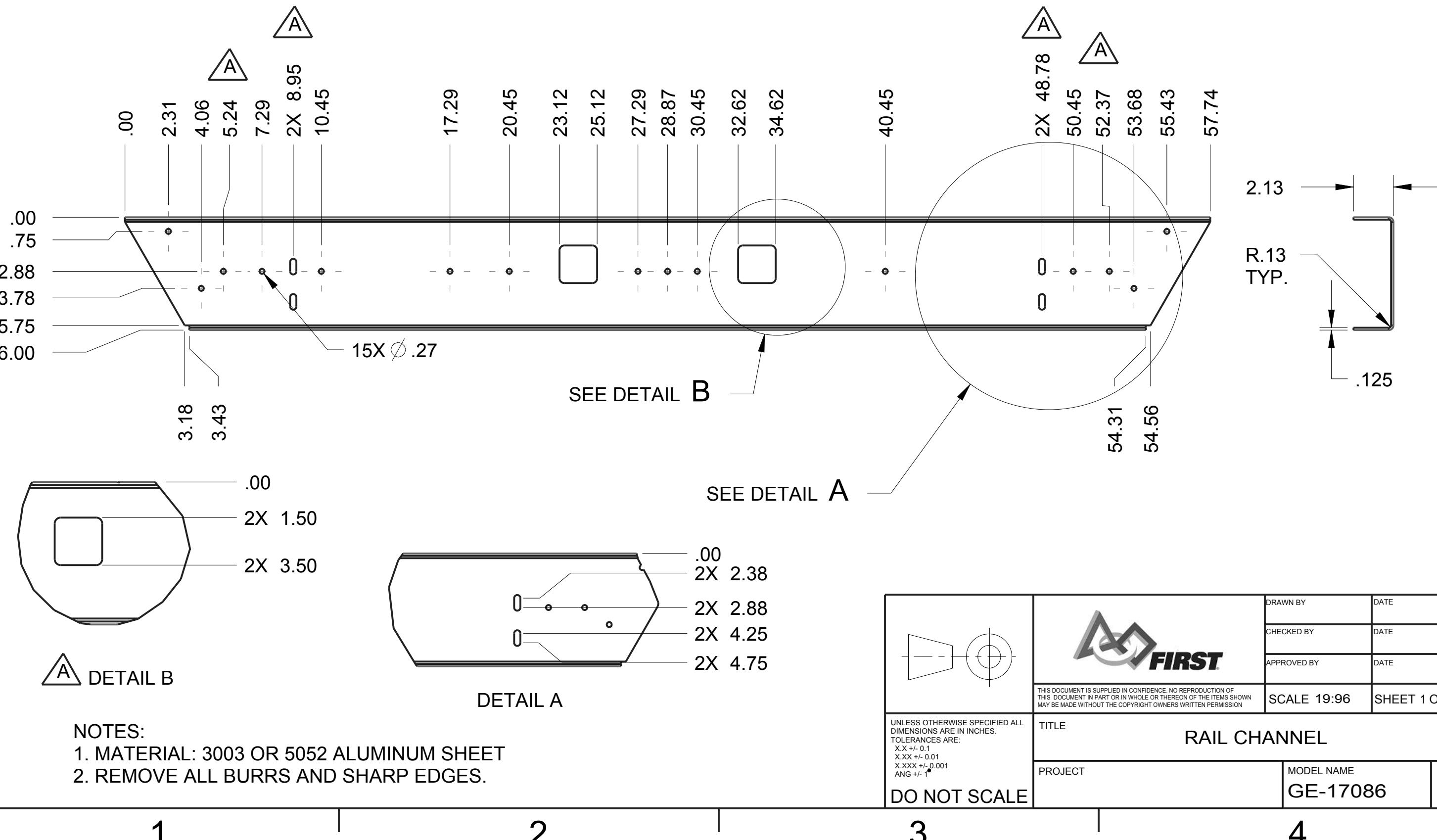
4

MODEL NAME  
GE-17086

TITLE

## RAIL CHANNEL

REV	ZONE	DESCRIPTION	DATE	INITIALS
A	D-1, D-3 A-1	8.95 was 13.82, 48.78 was 43.91, added holes at 5.24 and 52.37, Added Detail B	DAF	12/13/2016



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CHECKED BY	DATE
APPROVED BY	DATE
SCALE 19:96	
SHEET 1 OF 2	
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TITLE: RAIL CHANNEL	
PROJECT	
MODEL NAME: GE-17086	
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°



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MODEL NAME  
GE-17086

TITLE

## RAIL CHANNEL

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C  
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DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 19:96	SHEET 2 OF 2

TITLE	
RAIL CHANNEL	
PROJECT	MODEL NAME GE-17086

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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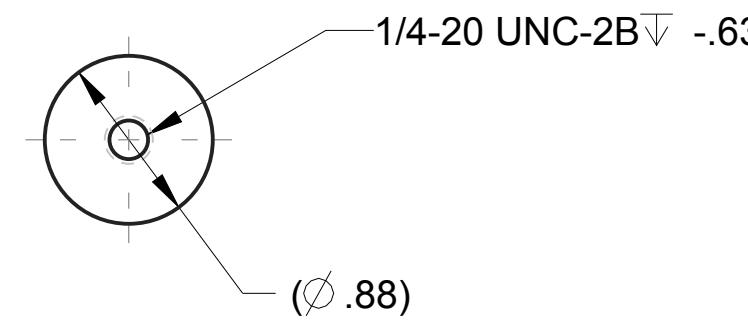
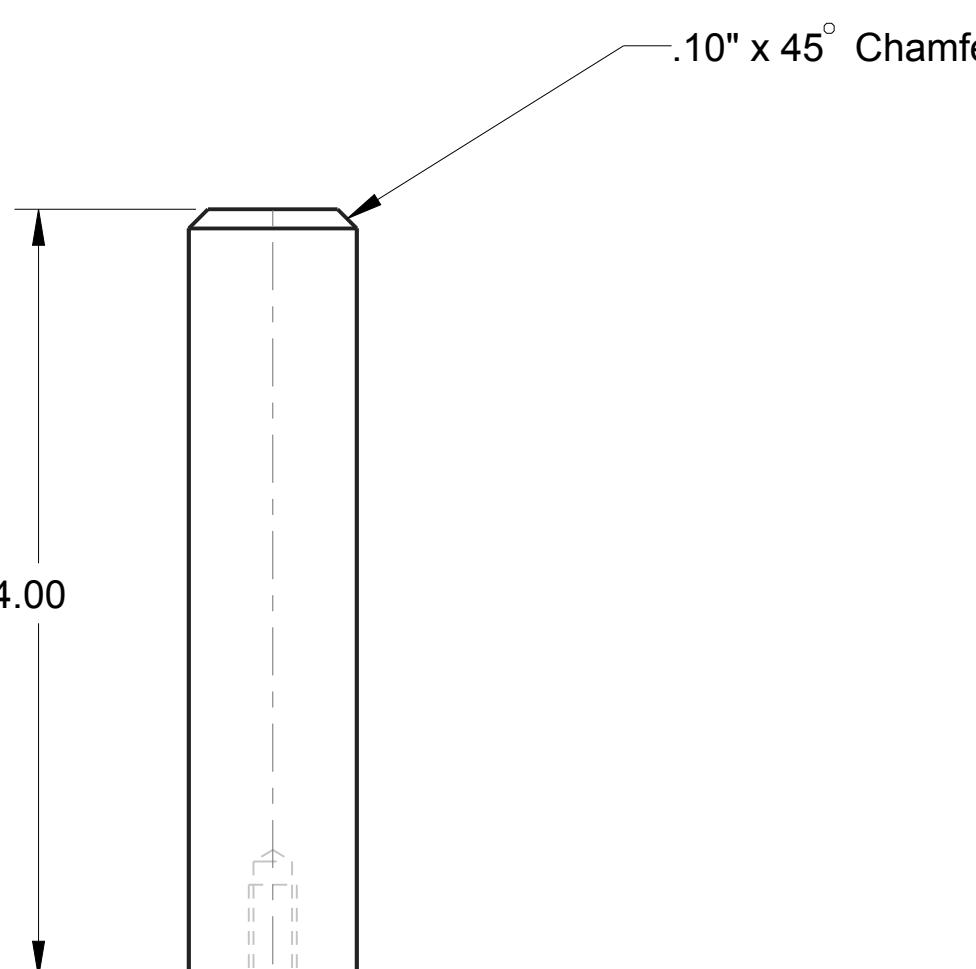
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MODEL NAME GE-17087	TITLE GEAR SHAFT
------------------------	---------------------



Part Number: GE-17087  
Material: 7/8" Black Delrin

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:1	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 <b>GEAR SHAFT</b>	PROJECT	MODEL NAME GE-17087
DO NOT SCALE	ISSUE		

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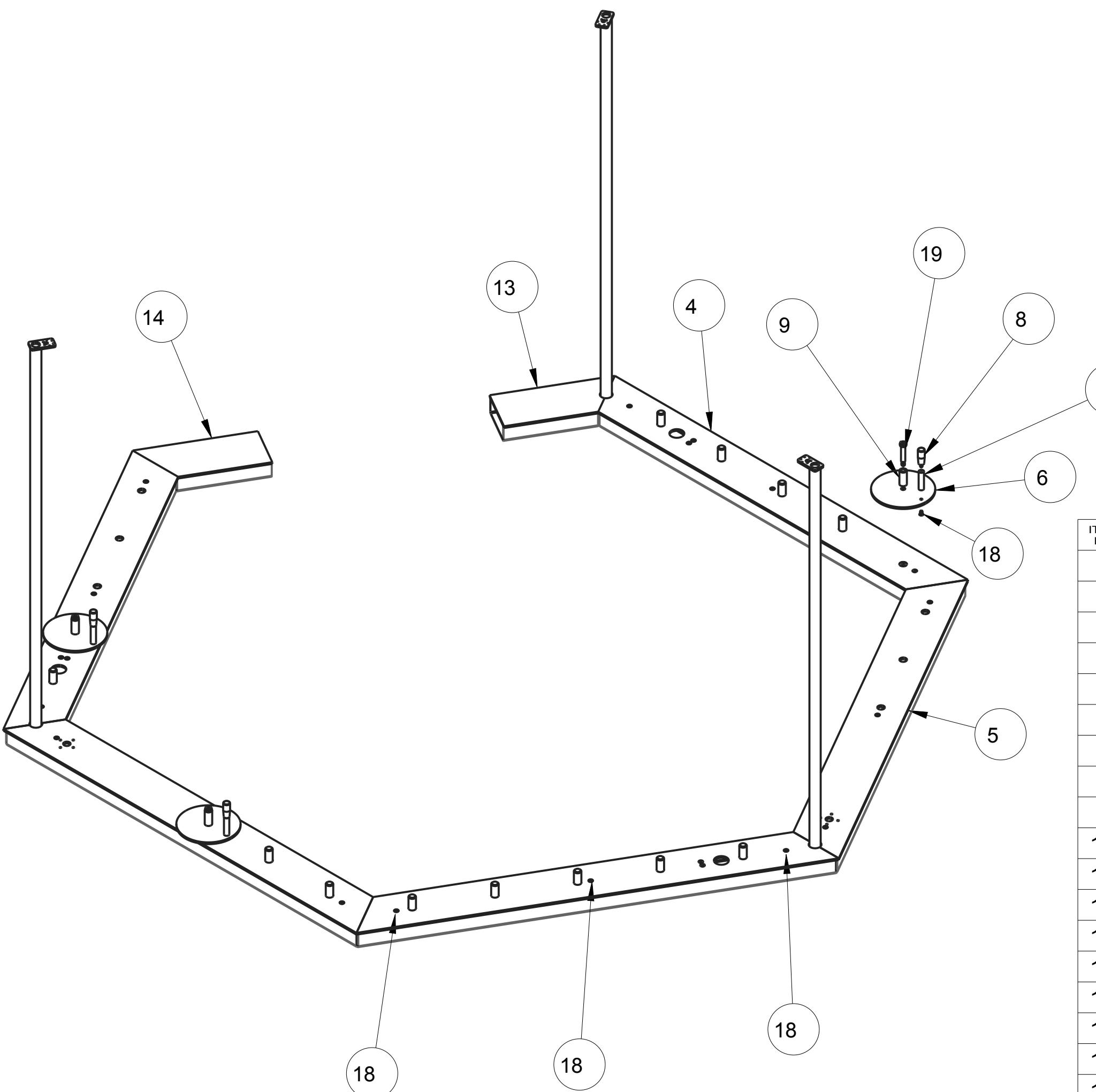
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ASME STANDARD,INCH

MODEL NAME GE-17088	TITLE Rail Assembly
------------------------	------------------------



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17086	5	Railing Base	
2	GE-17087	12	Gear Shaft	
3	GE-17089	3	Rotor Post	
4	GE-17090	3	Rail Cover 1	
5	GE-17091	2	Rail Cover 1	
6	GE-17094	3	Crank Disc	
7	GE-17095	3	Crank Standoff	
8	GE-17096	3	Crank Handle	
9	GE-17097	3	Crank Post	
10	GE-17220	3	Crank Mount	
11	GE-17222	1	Rail, Small Left	
12	GE-17223	1	Rail, Small Right	
13	GE-17224	1	Rail Cover 3	
14	GE-17225	1	Rail Cover 4	
15	GE-17471	12	1" Spacer	
16	GE-17472	15	2" Spacer	
17	GE-17474	42	.50" 1/4 x 20 Pan Screw	
18	GE-17475	19	.50" 1/4 x20 Flat Screw	
19	GE-17476	3	1/4" x 1" Long Shoulder	
20	GE-17477	12	5/8" Pan Machine Screw	

  <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
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TITLE		
Rail Assembly		
PROJECT		
MODEL NAME		GE-17088
ISSUE		

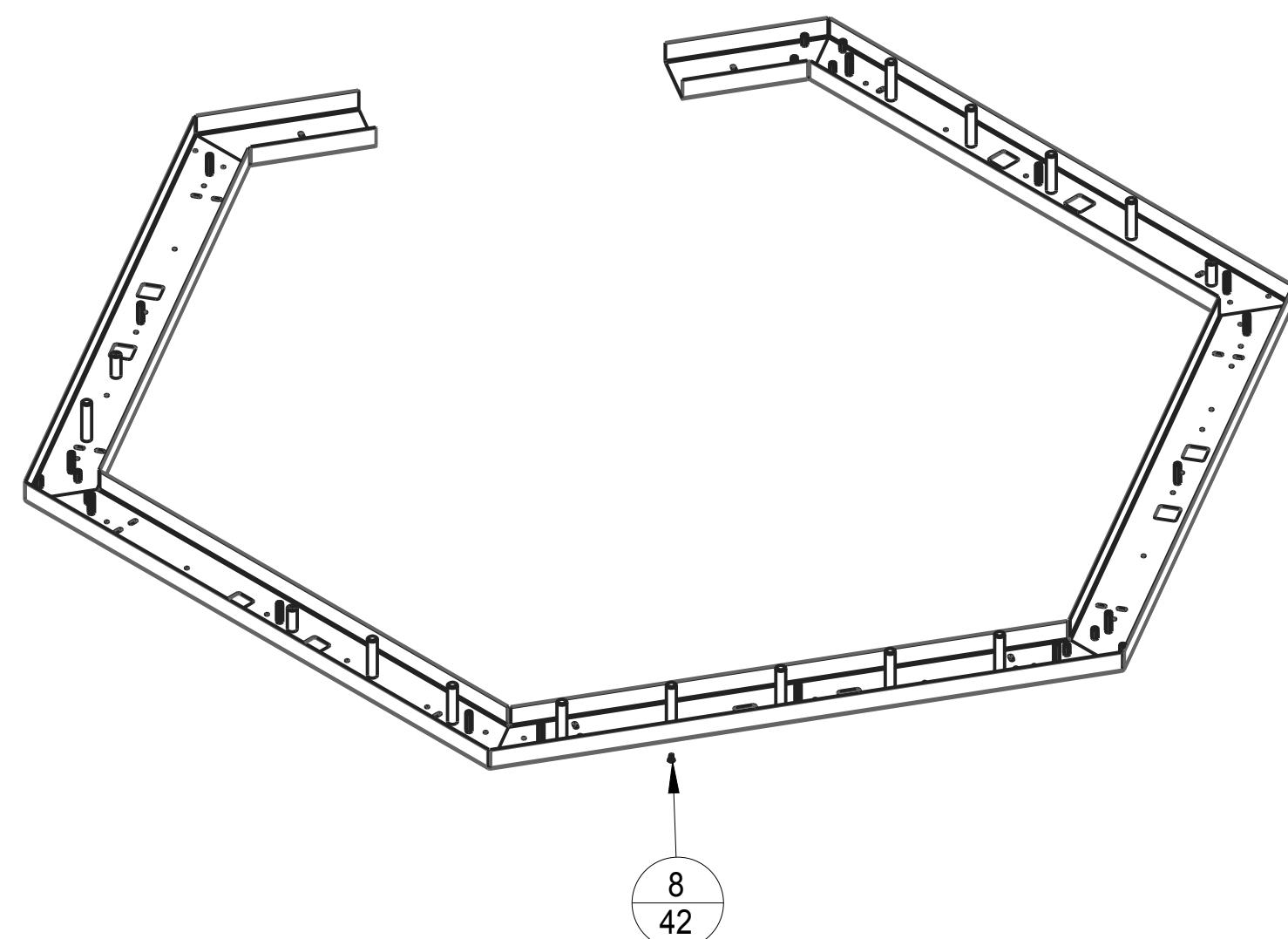
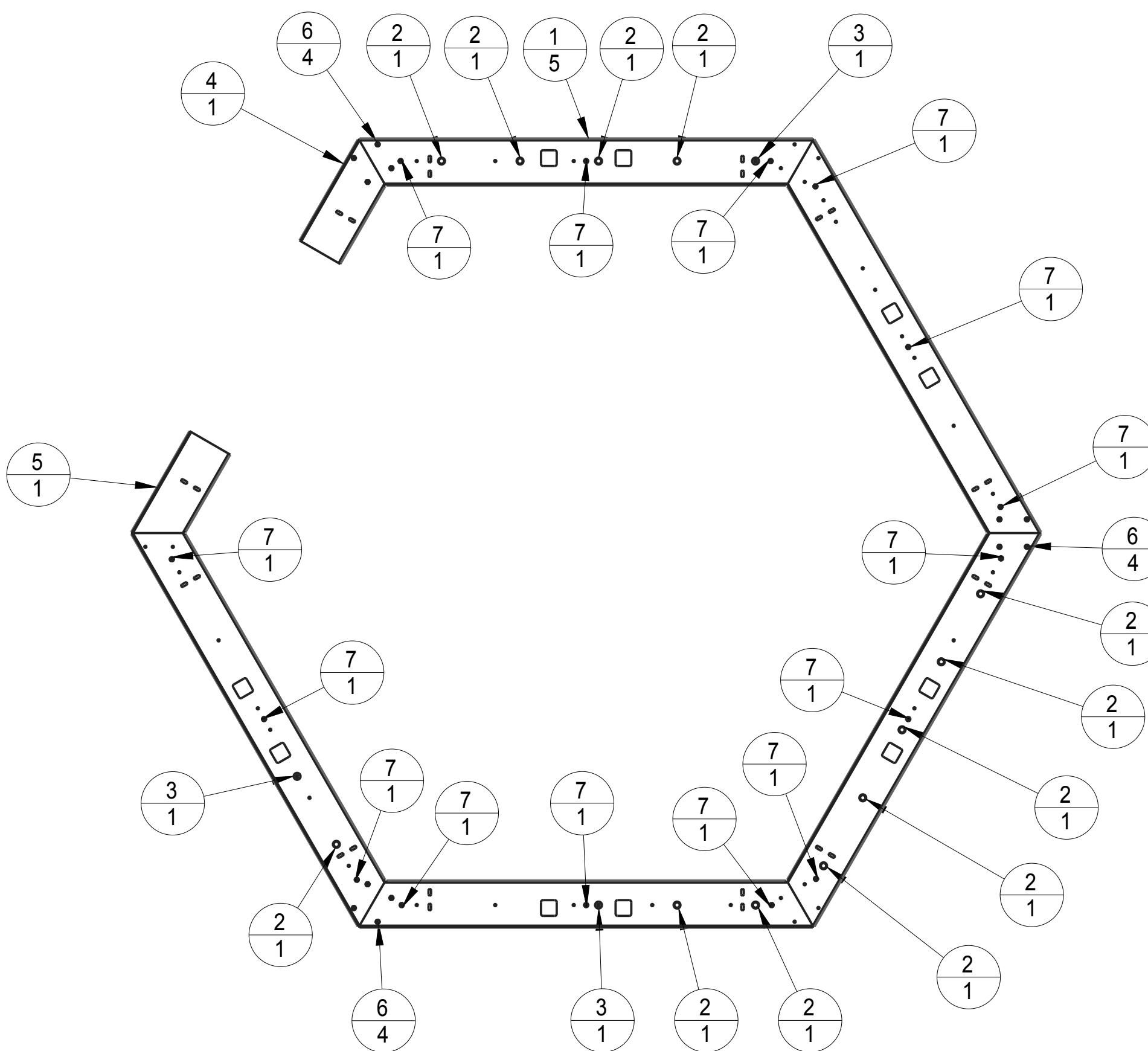
DO NOT SCALE

MODEL NAME  
**GE-17088**

## Rail Assembly

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ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17086	5	Railing Base	
2	GE-17087	12	Gear Shaft	
3	GE-17220	3	Crank Mount	
4	GE-17222	1	Rail, Small Left	
5	GE-17223	1	Rail, Small Right	
6	GE-17471	12	1" Spacer	
7	GE-17472	15	2" Spacer	
8	GE-17474	42	.50" 1/4 x 20 Pan Screw	

UNLESS OTHERWISE SPECIFIED ALL  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
 $X \pm 0.1$   
 $XXX \pm 0.01$   
 $XXXX \pm 0.001$   
ANG  $\pm 1$

**DO NOT SCALE**

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	APPROVED BY	DATE	
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TITLE	Rail Assembly		
PROJECT	MODEL NAME GE-17088	ISSUE	

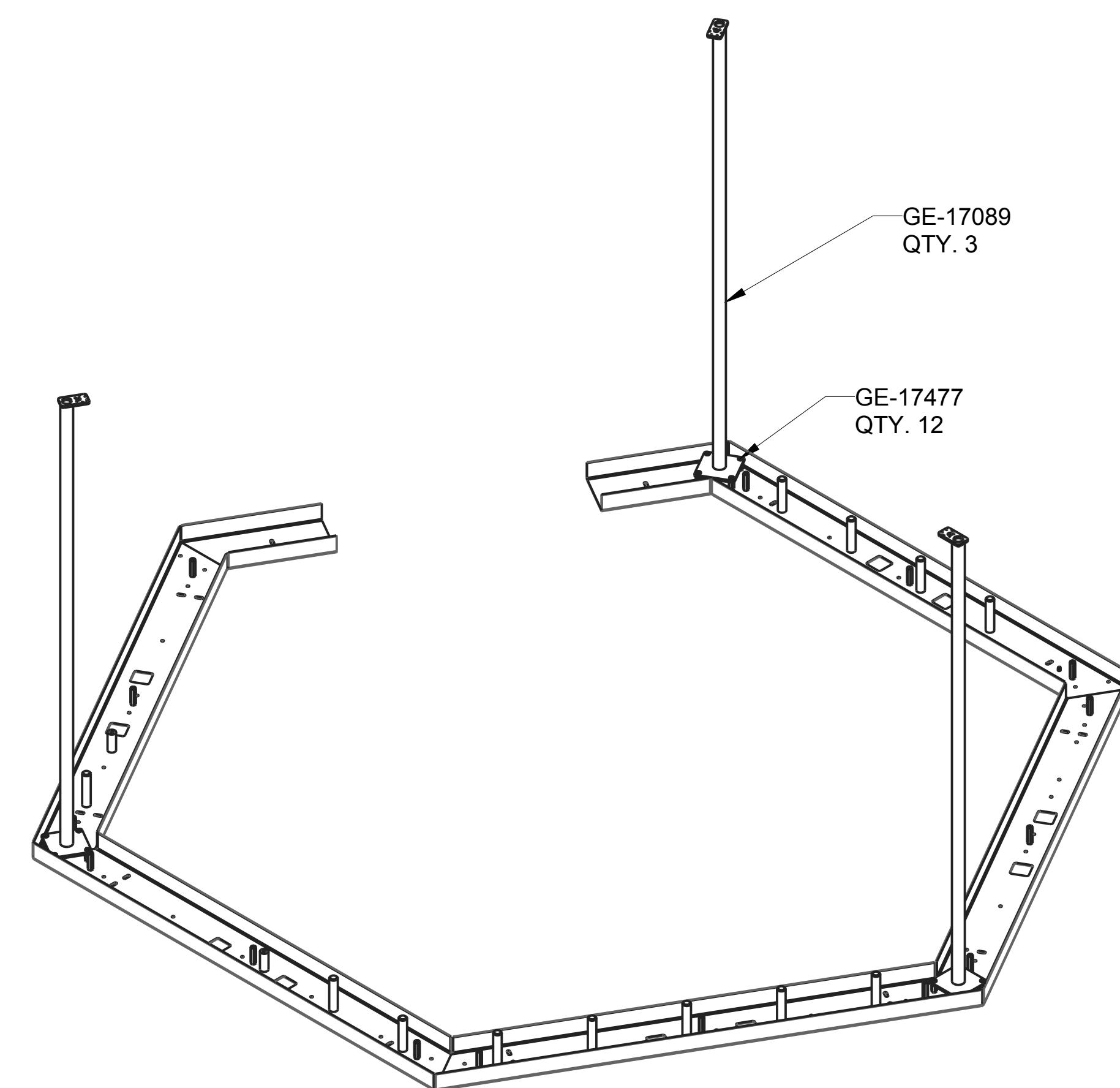
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MODEL NAME GE-17088	TITLE Rail Assembly
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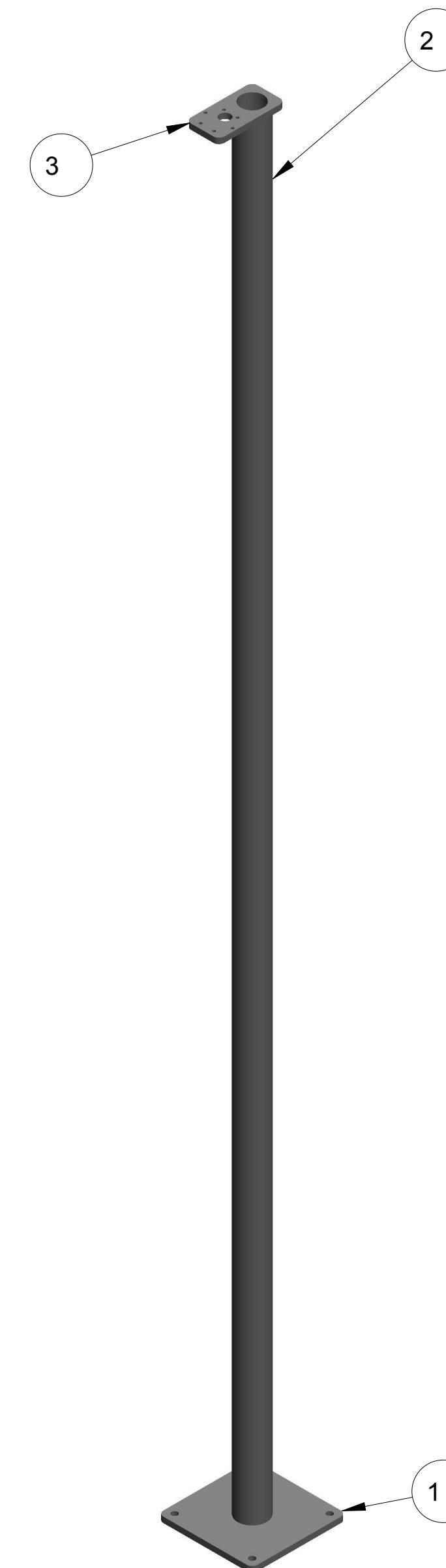
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	APPROVED BY	DATE
	SCALE 1:12	SHEET 3 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1	TITLE Rail Assembly	
DO NOT SCALE	PROJECT	MODEL NAME GE-17088
		ISSUE

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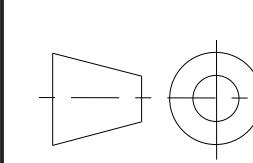
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MODEL NAME  
GE-17089TITLE  
Rotor Post

SCALE 1:4

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17089-01	1	Plate	
2	GE-17089-02	1	Pipe	
3	GE-17089-03	1	Plate	

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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:8	SHEET 1 OF 4
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TITLE Rotor Post		
PROJECT		MODEL NAME GE-17089
ISSUE		

DO NOT SCALE

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ASME STANDARD,INCH

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MODEL NAME  
GE-17089TITLE  
Rotor Post

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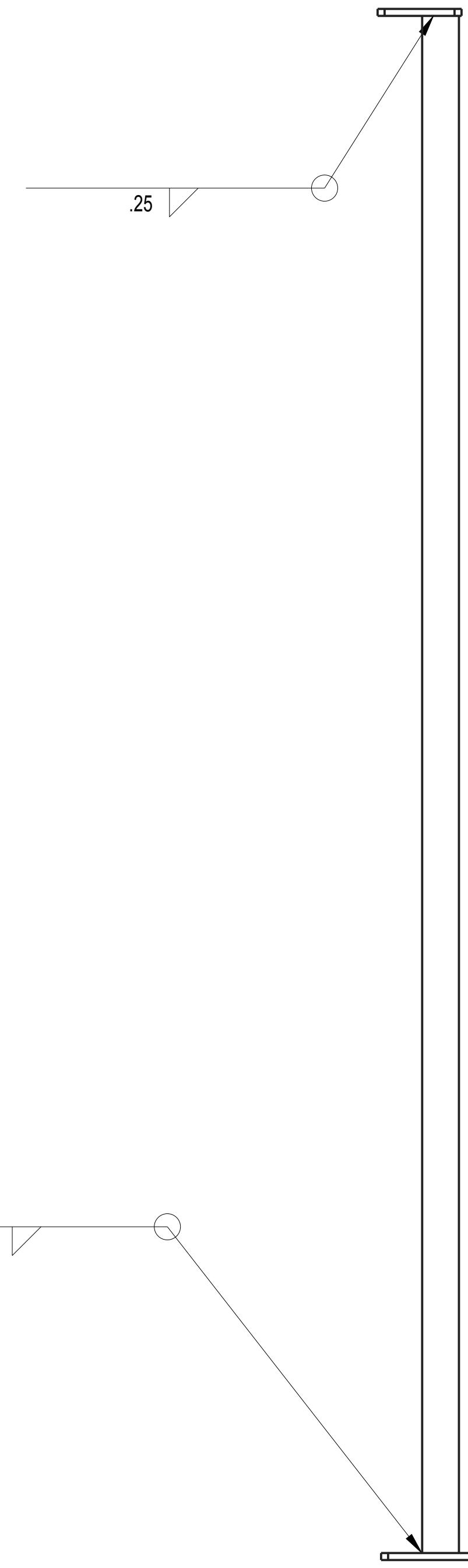
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		DRAWN BY	DATE
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Rotor Post			SHEET 2 OF 4
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	TITLE	PROJECT	MODEL NAME GE-17089
DO NOT SCALE	ISSUE		

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ASME STANDARD,INCH

MODEL NAME  
GE-17089TITLE  
Rotor Post

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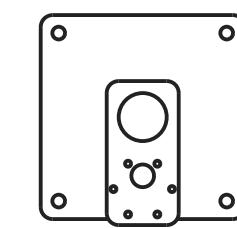
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	DRAWN BY	DATE
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	APPROVED BY	DATE
	SCALE 1:8	SHEET 3 OF 4
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XXX +/- .001 XXXX +/- .0001 ANG +/- 1	TITLE	Rotor Post
DO NOT SCALE	PROJECT	MODEL NAME GE-17089
		ISSUE

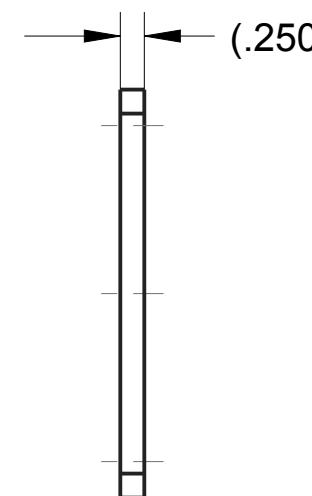
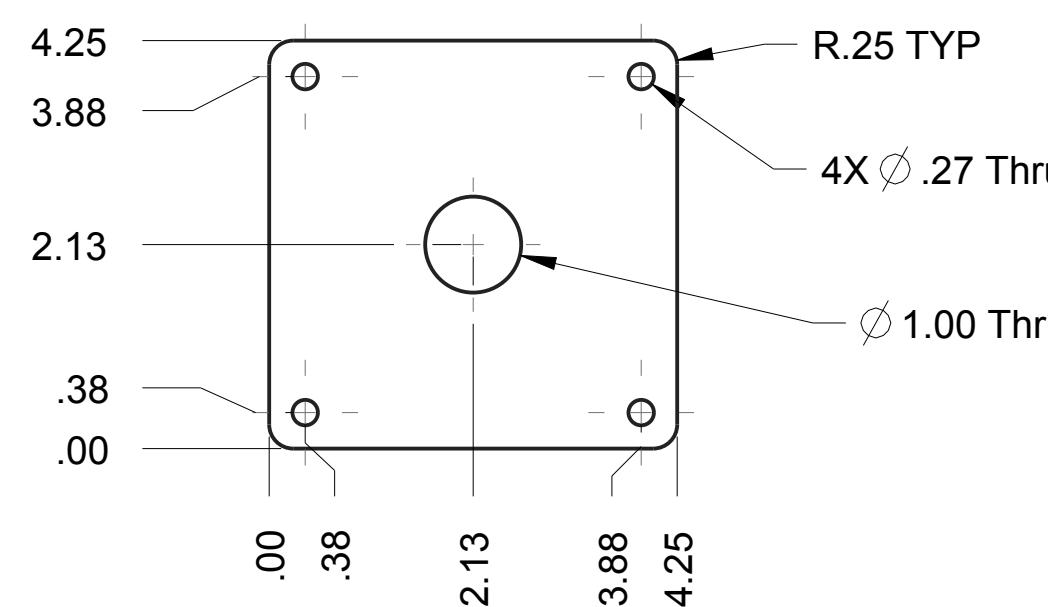
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MODEL NAME  
GE-17089

TITLE  
Rotor Post

Part Number: GE-17089-1  
Material: 1/4" Thick 6061 Aluminium Sheet  
QTY: 1

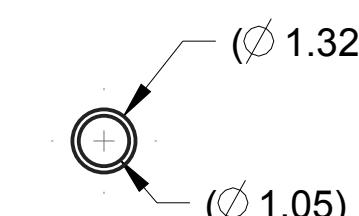
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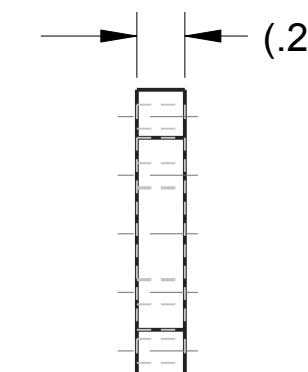
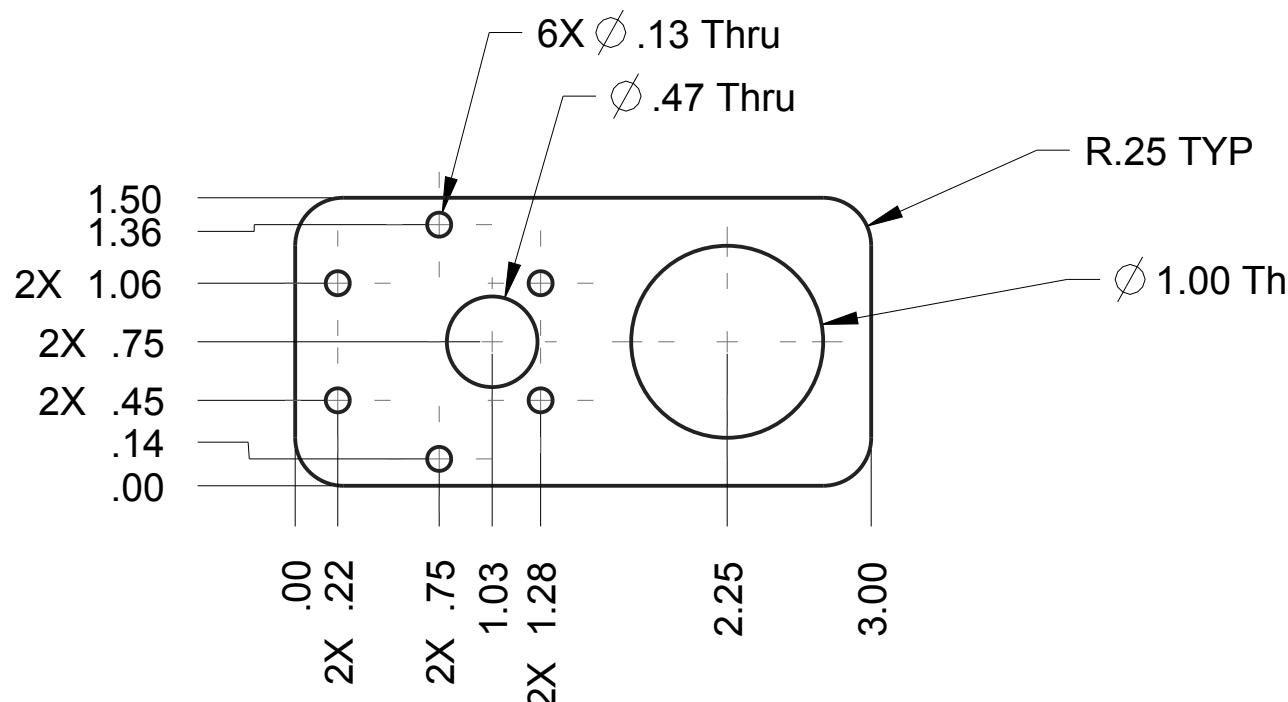
.00



Part Number: GE-17089-2  
Material: 1" Schedule 40 Pipe 6061 Aluminium  
QTY: 1

B

B



Part Number: GE-17089-3  
Material: 1/4" Thick 6061 Aluminum Sheet  
QTY: 1

A

A

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:8	SHEET 4 OF 4
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XX.X +/- .001 XXX.X +/- .001 ANG +/- 1	TITLE	Rotor Post
DO NOT SCALE	PROJECT	MODEL NAME GE-17089
		ISSUE

1

2

3

4

MODEL NAME GE-17090	TITLE Rail Cover 1
------------------------	-----------------------

REV	ZONE	DESCRIPTION	DATE	INITIALS
A	B-1 B-4 C-1	Deleted 4 $\odot$ .27 C'sink holes. Added 2 $\odot$ .27 C'sink holes. Added a $\odot$ 1.5 half-hole.	DAF	12/8/2016

D

D

C

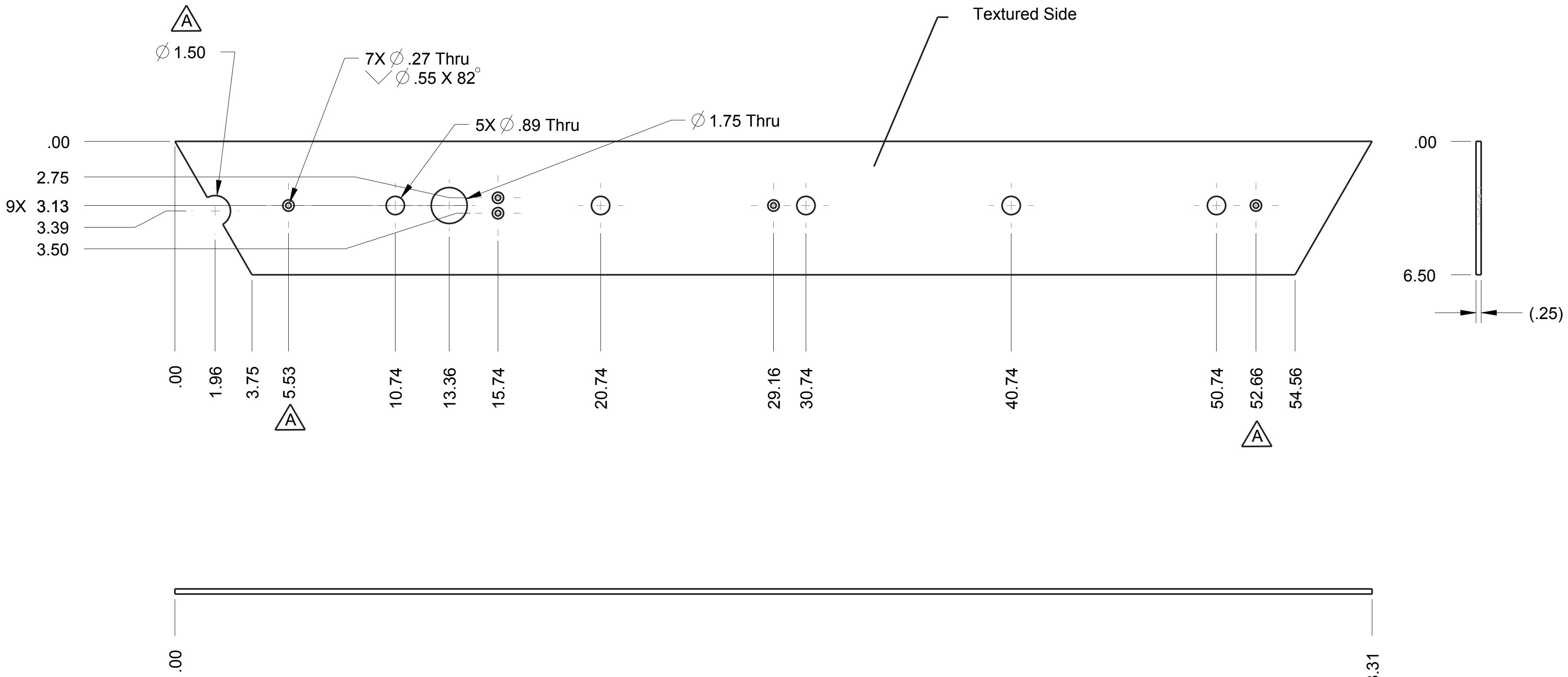
C

B

B

A

A



Part Number: GE-17090  
Material: .25 Black HDPE Sheet, Orange Peel Texture

 	DRAWN BY	DATE
	CHECKED BY	DATE
APPROVED BY	DATE	
SCALE 1:12	SHEET 1 OF 2	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.X +/- 0.001 ANG +/- 1	TITLE Rail Cover 1	
DO NOT SCALE	PROJECT	MODEL NAME GE-17090
		ISSUE

1

2

3

4

ASME STANDARD,INCH

1

2

3

4

MODEL NAME  
GE-17090TITLE  
Rail Cover 1

D

D

C

C

B

B

A

A

1

2

3

4

 <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 1:12	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 Rail Cover 1	PROJECT MODEL NAME GE-17090 ISSUE
DO NOT SCALE		

1

2

3

4

MODEL NAME GE-17091	TITLE Rail Cover 2
------------------------	-----------------------

REV	ZONE	DESCRIPTION	DATE	INITIALS
A	C-1 C-3 C-4 B-4	Deleted two $\odot$ .27 C-sink holes. Relocated holes at 5.53 and 52.66. Added $\odot$ 1.5 cut-out. 49.91 was 50.16, 50.97 was 51.22, 52.03 was 52.28.	DAF	12/14/16
B	B-4	ADDED MISSING DIM (3.39)	DAF	12/29/16

D

D

C

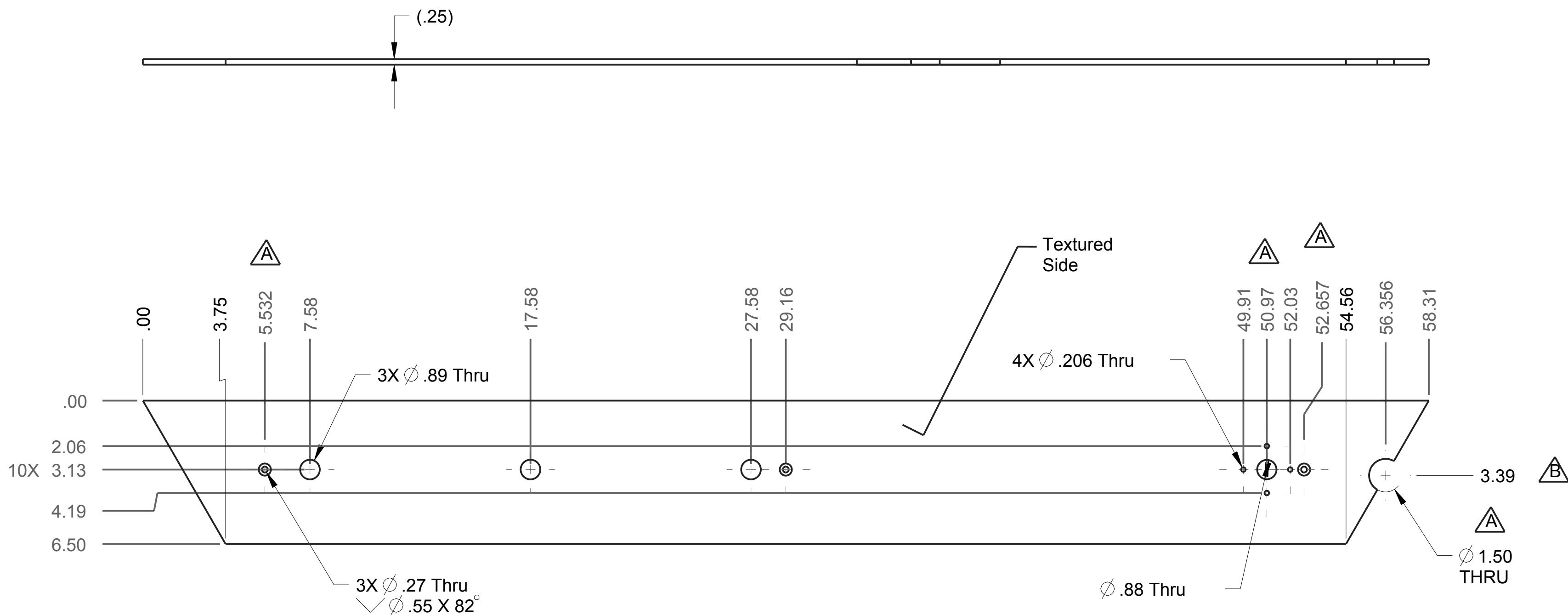
C

B

B

A

A



Part Number: GE-17091  
Material .25 Black HDPE Sheet, Orange Peel Texture

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
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FIRST			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 Rail Cover 2		
DO NOT SCALE	PROJECT MODEL NAME GE-17091		

1

2

3

4

ASME STANDARD,INCH

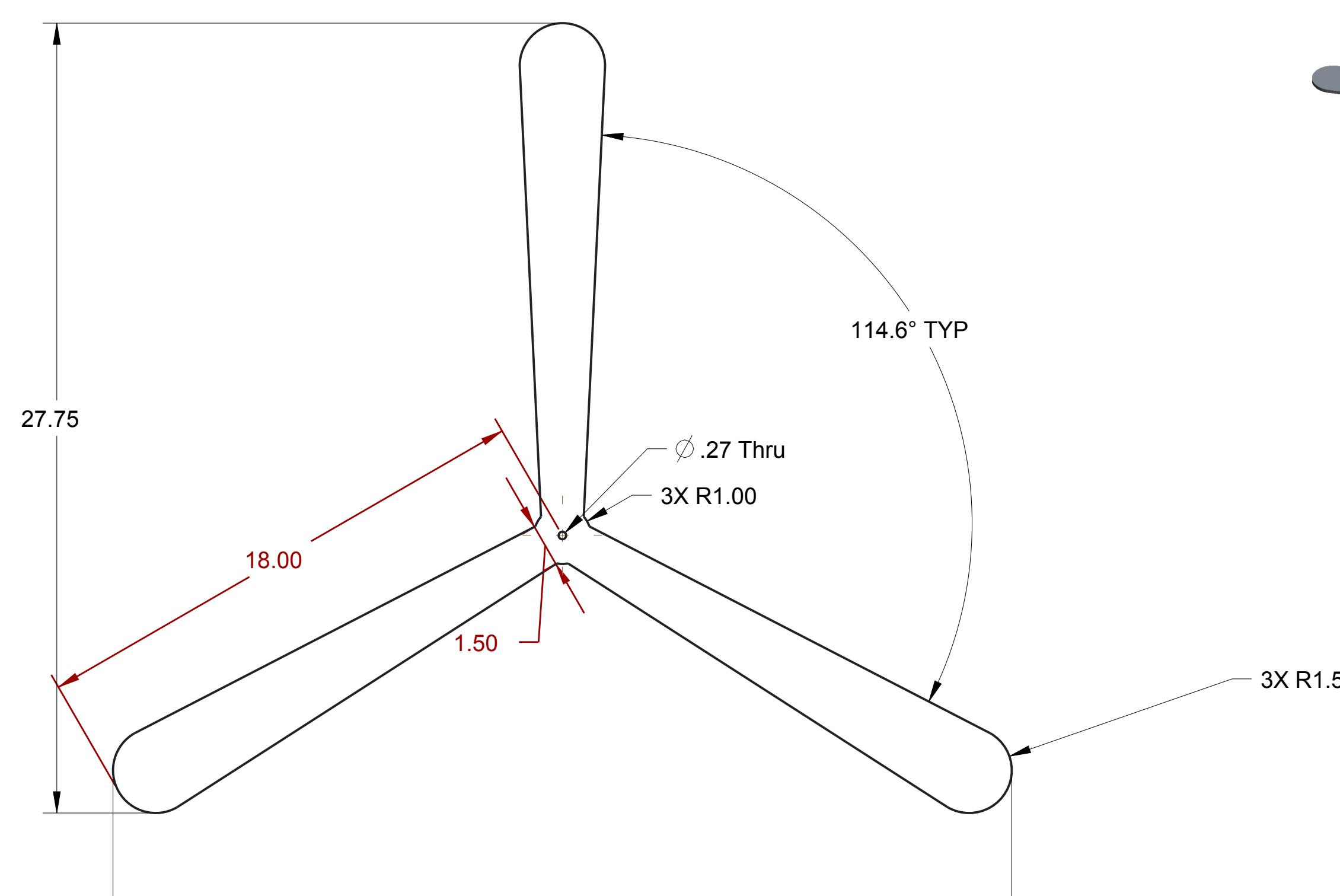
1

2

3

4

MODEL NAME  
GE-17092

TITLE  
Rotor, Small

Part Number: GE-17092  
Material: .25" Red Or Blue HDPE

		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.XX +/- 0.001 ANG +/- 1		TITLE	Rotor, Small
DO NOT SCALE		PROJECT	MODEL NAME GE-17092
ISSUE			

1

2

3

4

ASME STANDARD,INCH

MODEL NAME  
GE-17094

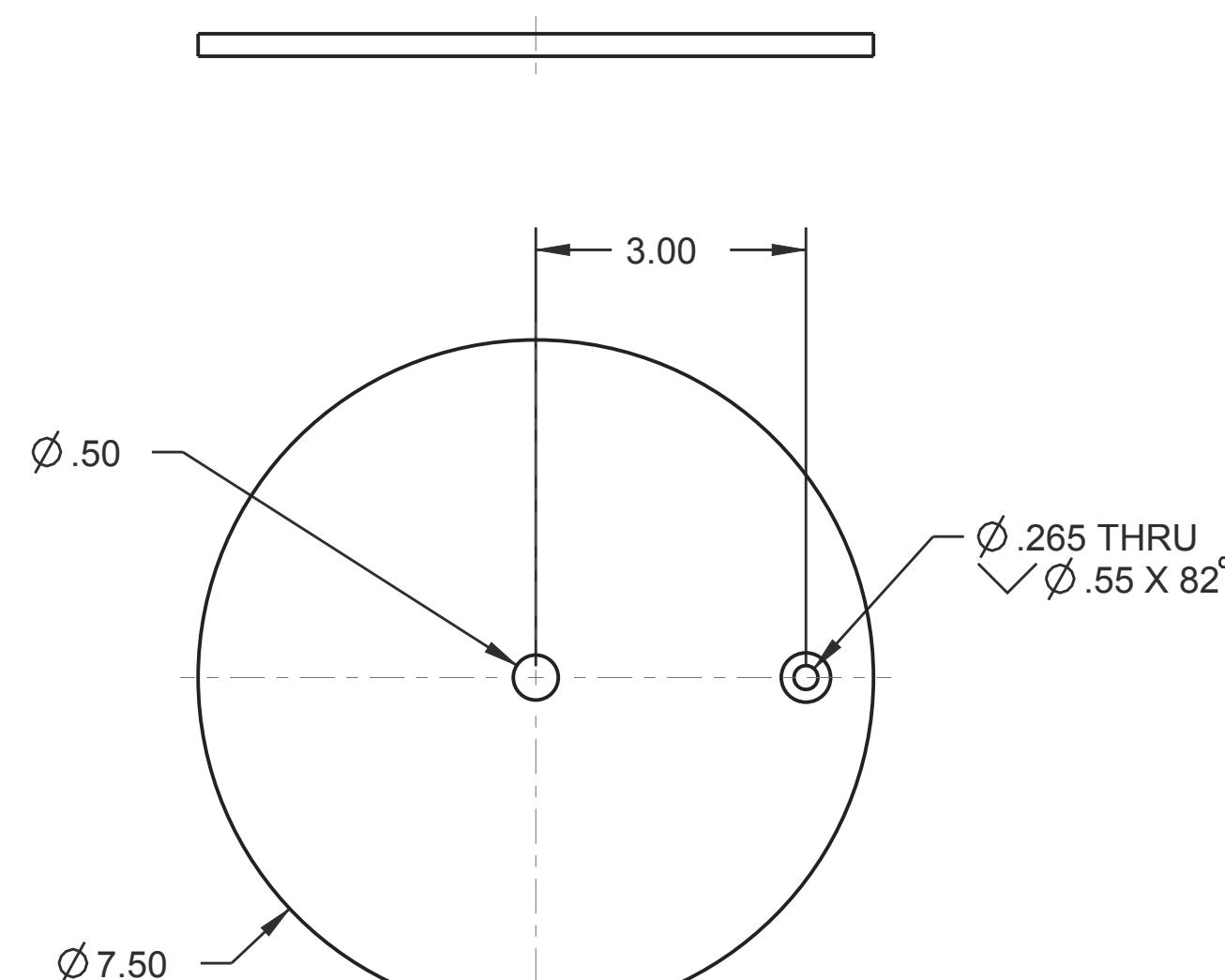
1

TITLE  
Crank Disc

2

3

4



NOTES:

1. MATERIAL: 1/4" BLACK HDPE, ORANGE PEEL
2. REMOVE ALL BURRS AND SHARP EDGES

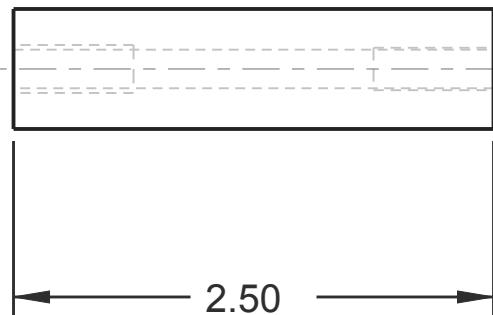
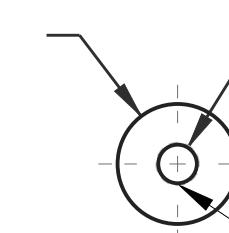
		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:2	SHEET 1 OF 1
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1		TITLE	Crank Disc
DO NOT SCALE		PROJECT	MODEL NAME GE-17094
			ISSUE

1

2

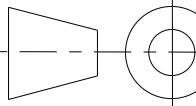
3

4

MODEL NAME  
GE-17095TITLE  
Crank Standoff $(\phi .63)$  $\phi .20$  THRU1/4-20 UNC-2B  $\downarrow$  0.63  
BOTH ENDS

## NOTES:

1. MATERIAL: .625" 6061 ALUMINUM ROD
2. REMOVE ALL BURRS AND SHARP EDGES.

  <b>FIRST</b>	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:1	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  Crank Standoff	PROJECT  MODEL NAME GE-17095
DO NOT SCALE		ISSUE

1

2

3

4

MODEL NAME  
GE-17096

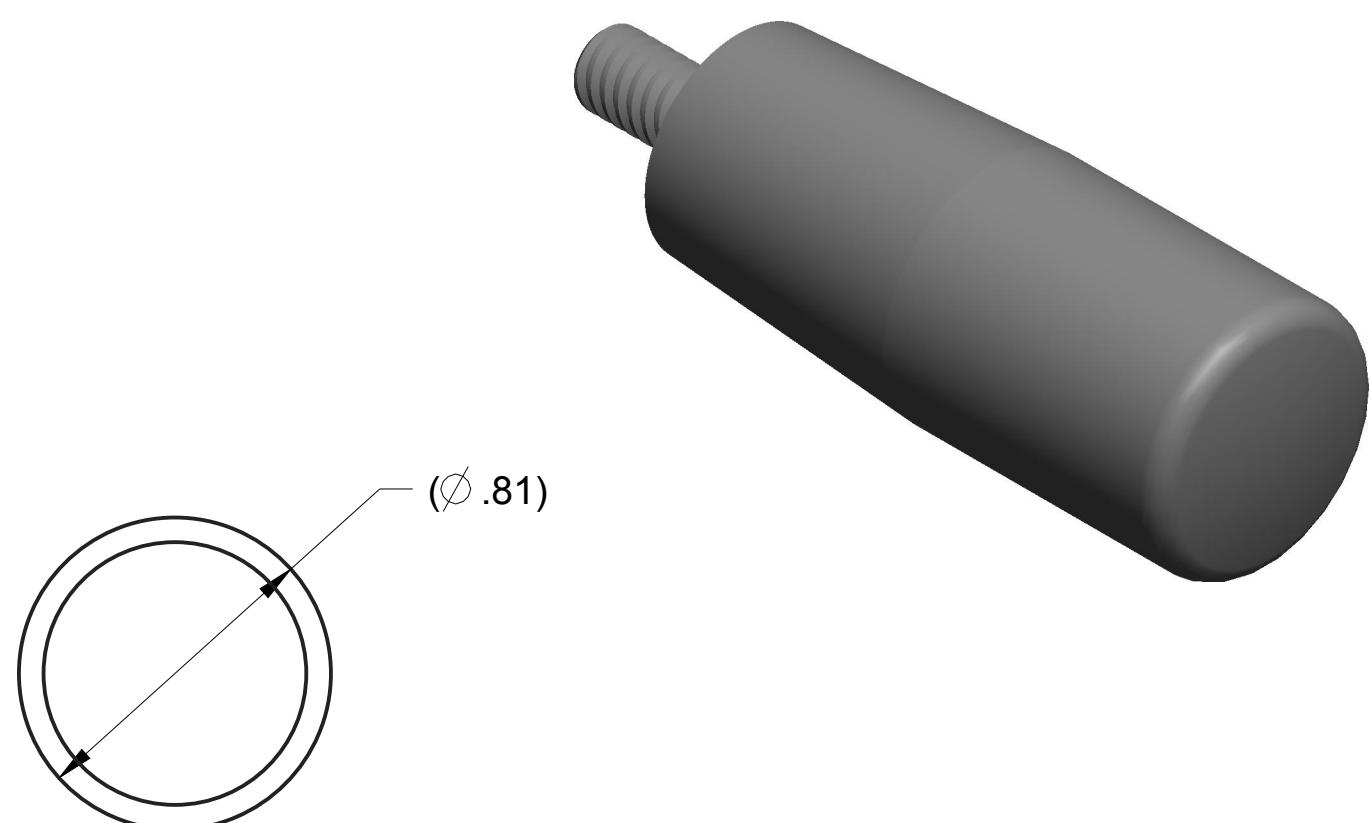
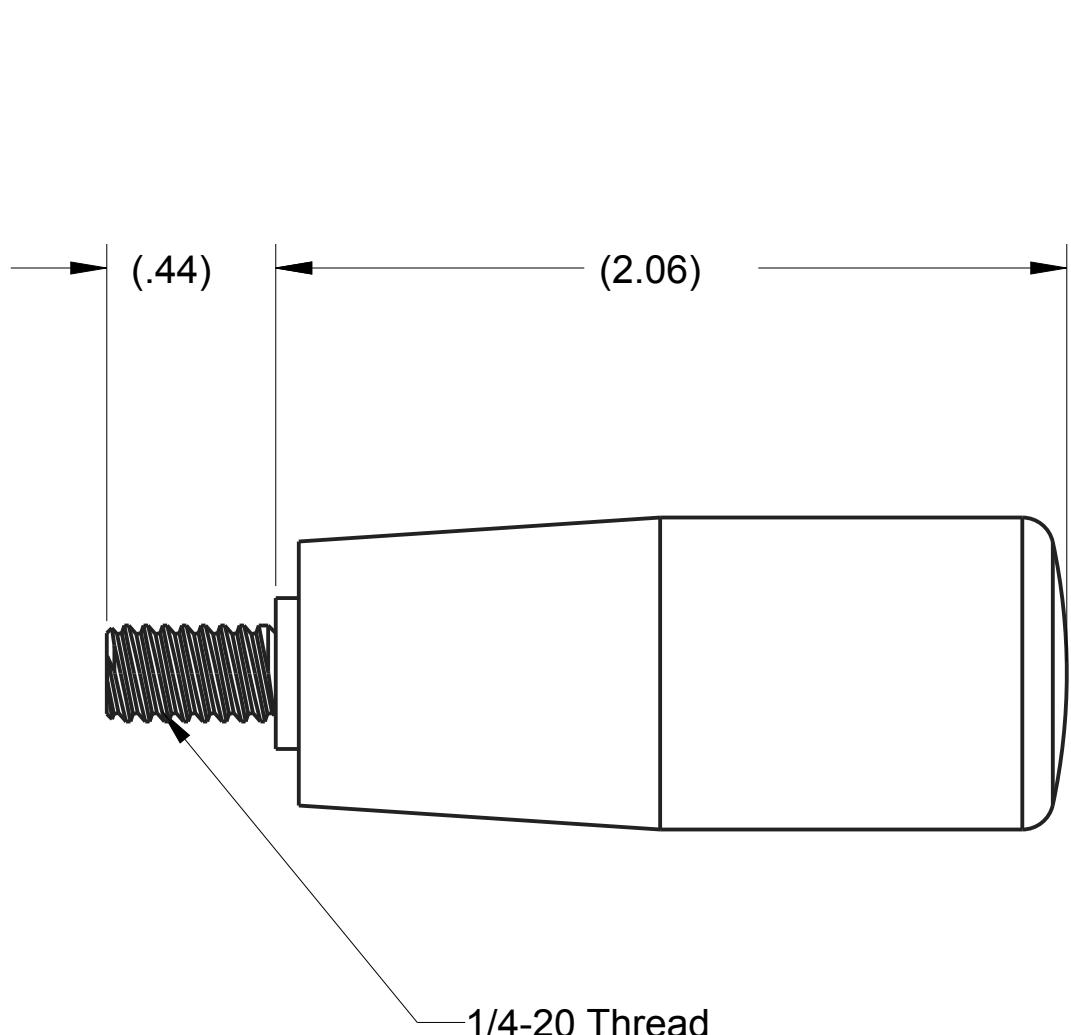
1

TITLE  
Crank Handle

2

3

4



Notes:

Description: Phenolic Tapered Handle with Threaded Stud, Rotating

Vendor: McMaster-Carr

Vendor PN: 6308K420

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1	SCALE 2:1 SHEET 1 OF 1		
DO NOT SCALE	TITLE	Crank Handle	
PROJECT	MODEL NAME	GE-17096	ISSUE

1

2

3

4

MODEL NAME  
GE-17097TITLE  
Crank Post

D

D

C

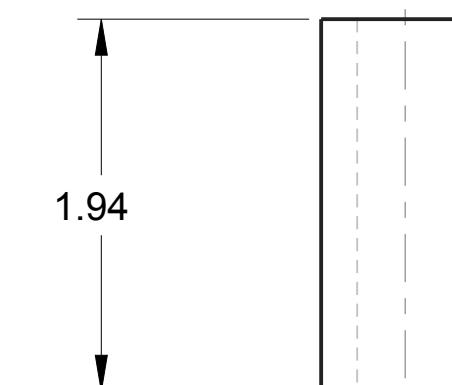
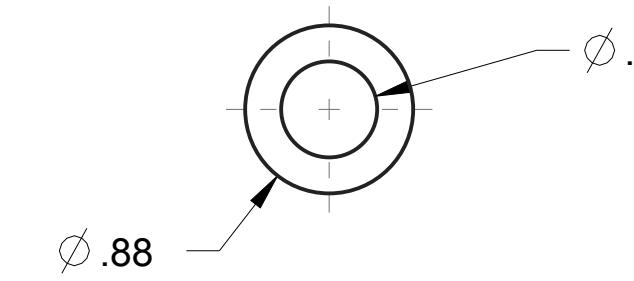
C

B

B

A

A



Part Number: GE-17097  
Material: 7/8" Black Delrin Rod

		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.XX +/- 0.001 ANG +/- 1	TITLE Crank Post	PROJECT	MODEL NAME GE-17097
DO NOT SCALE			ISSUE

1

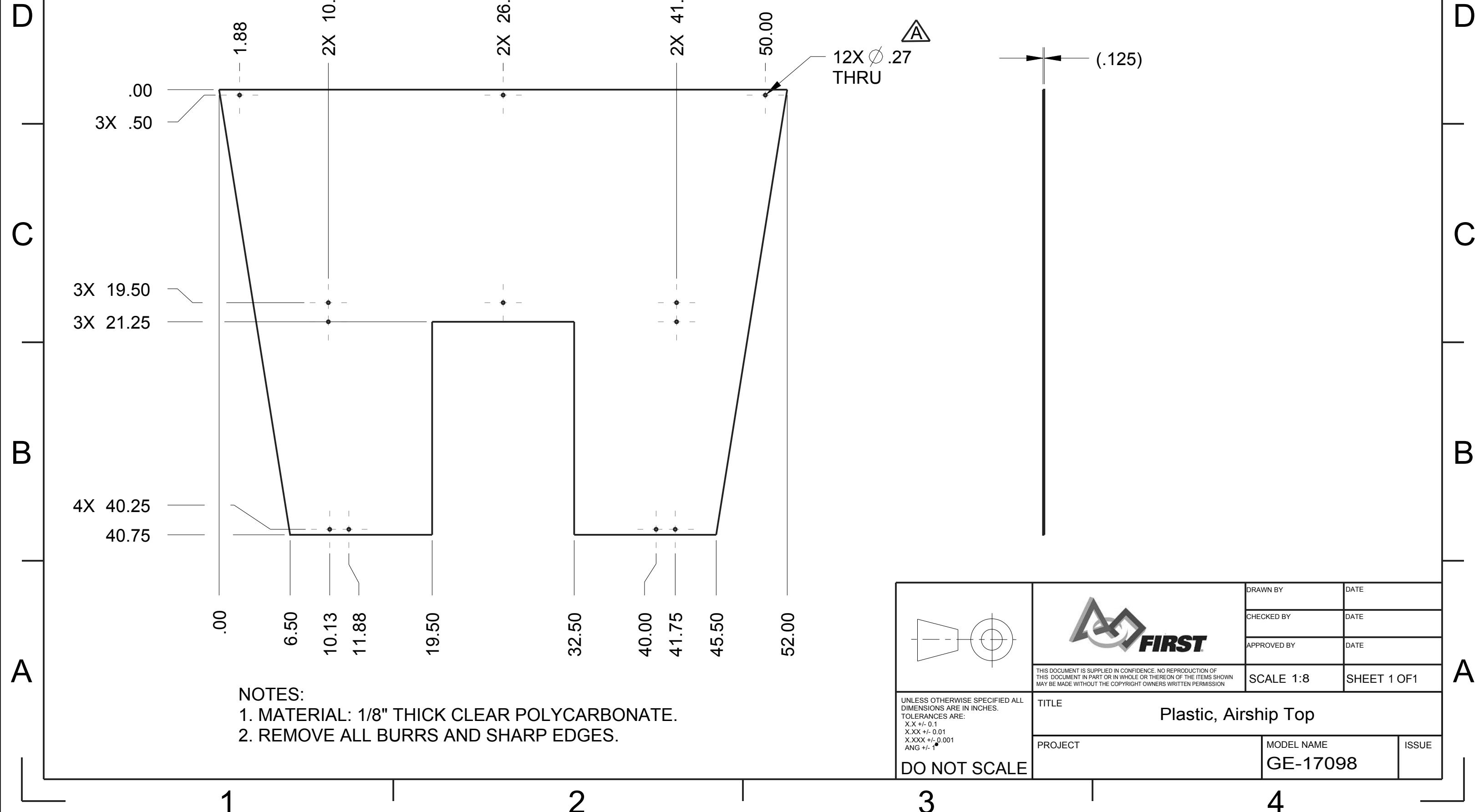
2

3

4

ASME STANDARD,INCH

MODEL NAME GE-17098	TITLE Plastic, Airship Top	REV A	ZONE D-3	DESCRIPTION ADDED 12X Ø .27 THRU HOLES	DATE DAF	INITIALS 12/8/2016
------------------------	-------------------------------	----------	-------------	---	-------------	-----------------------



1

2

3

4

MODEL NAME  
GE-17099

TITLE

Plastic 2, Airship Top

REV

A

ZONE

C-3

DESCRIPTION

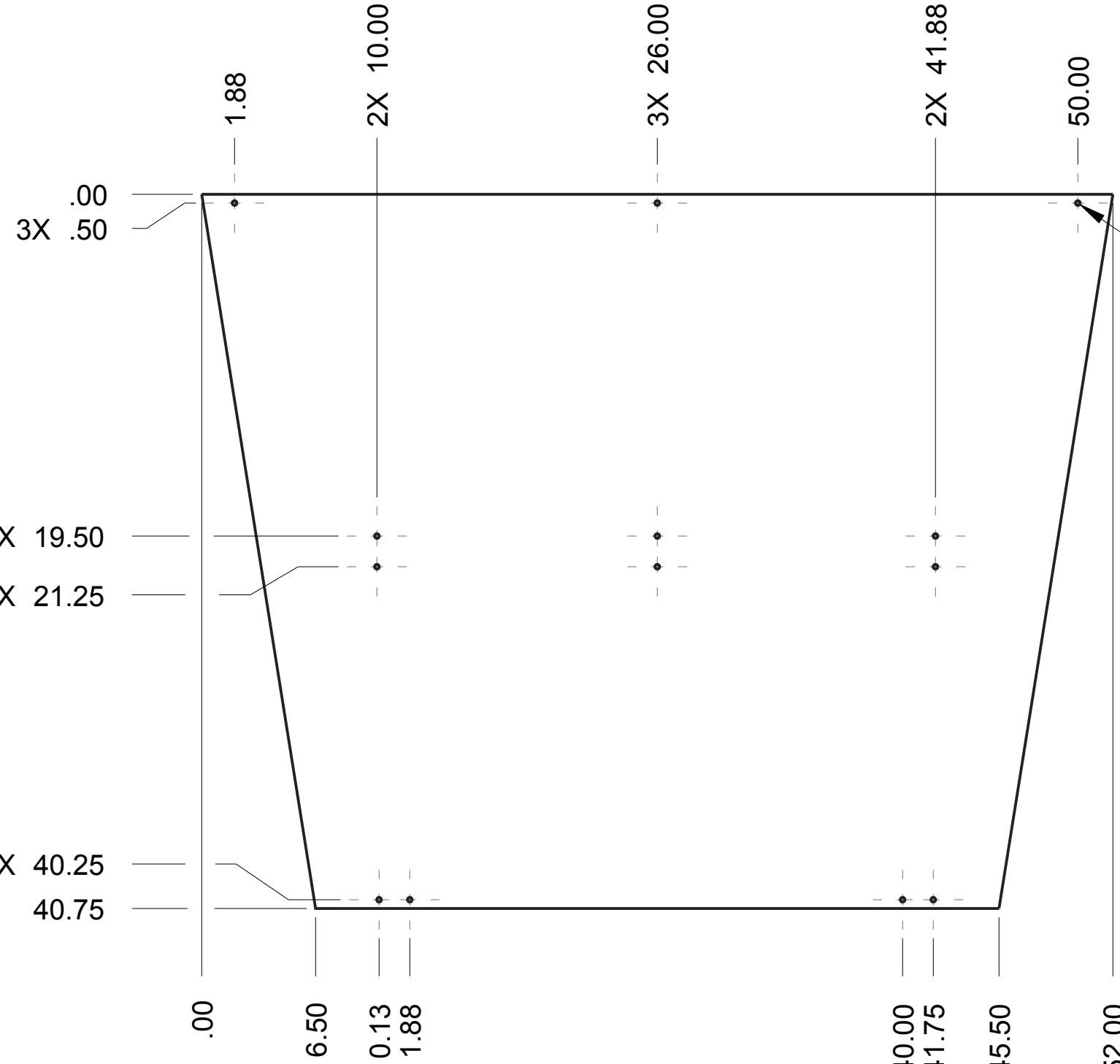
Added 12X Ø .27  
THRU holes

DATE

DAF

INITIALS

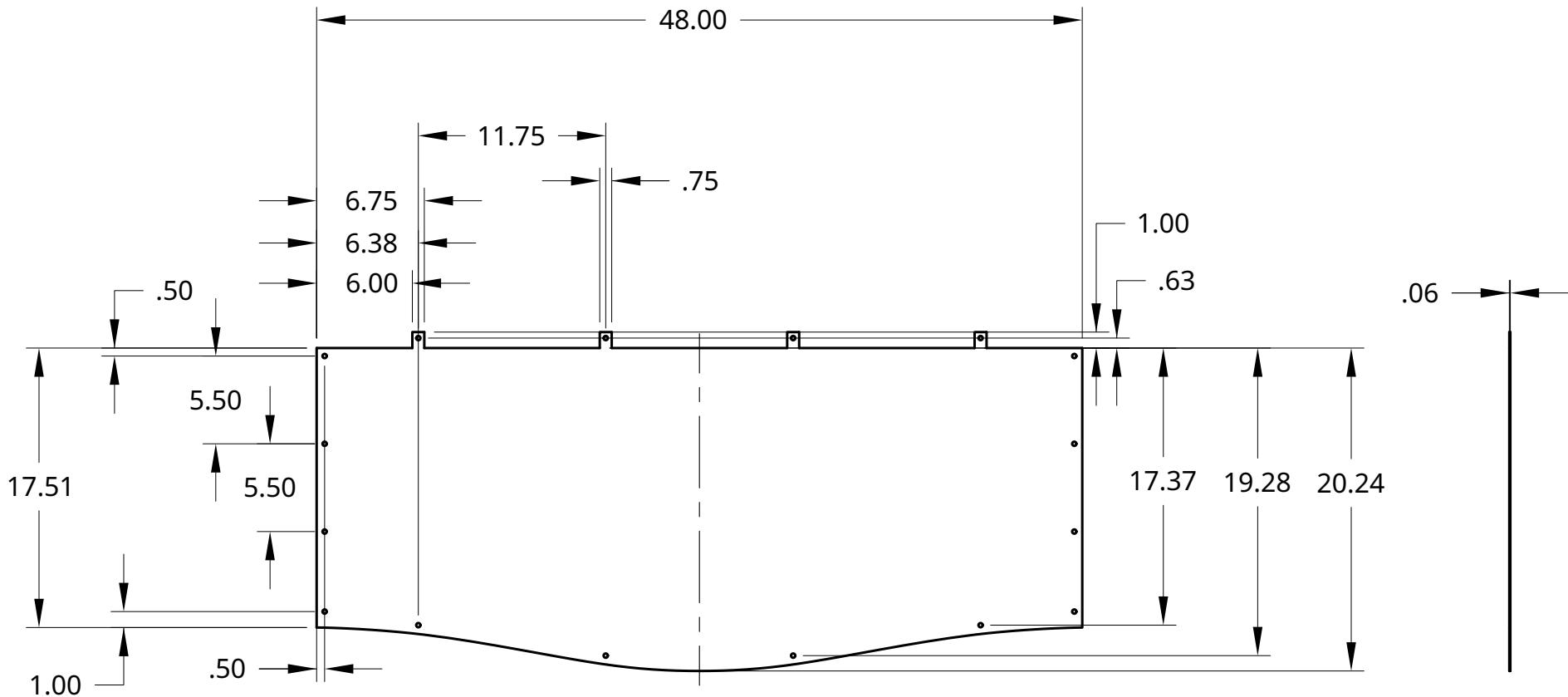
12/8/2016



## NOTES:

1. 1/8" THICK CLEAR POLYCARBONATE
2. REMOVE ALL BURRS AND SHARP EDGES

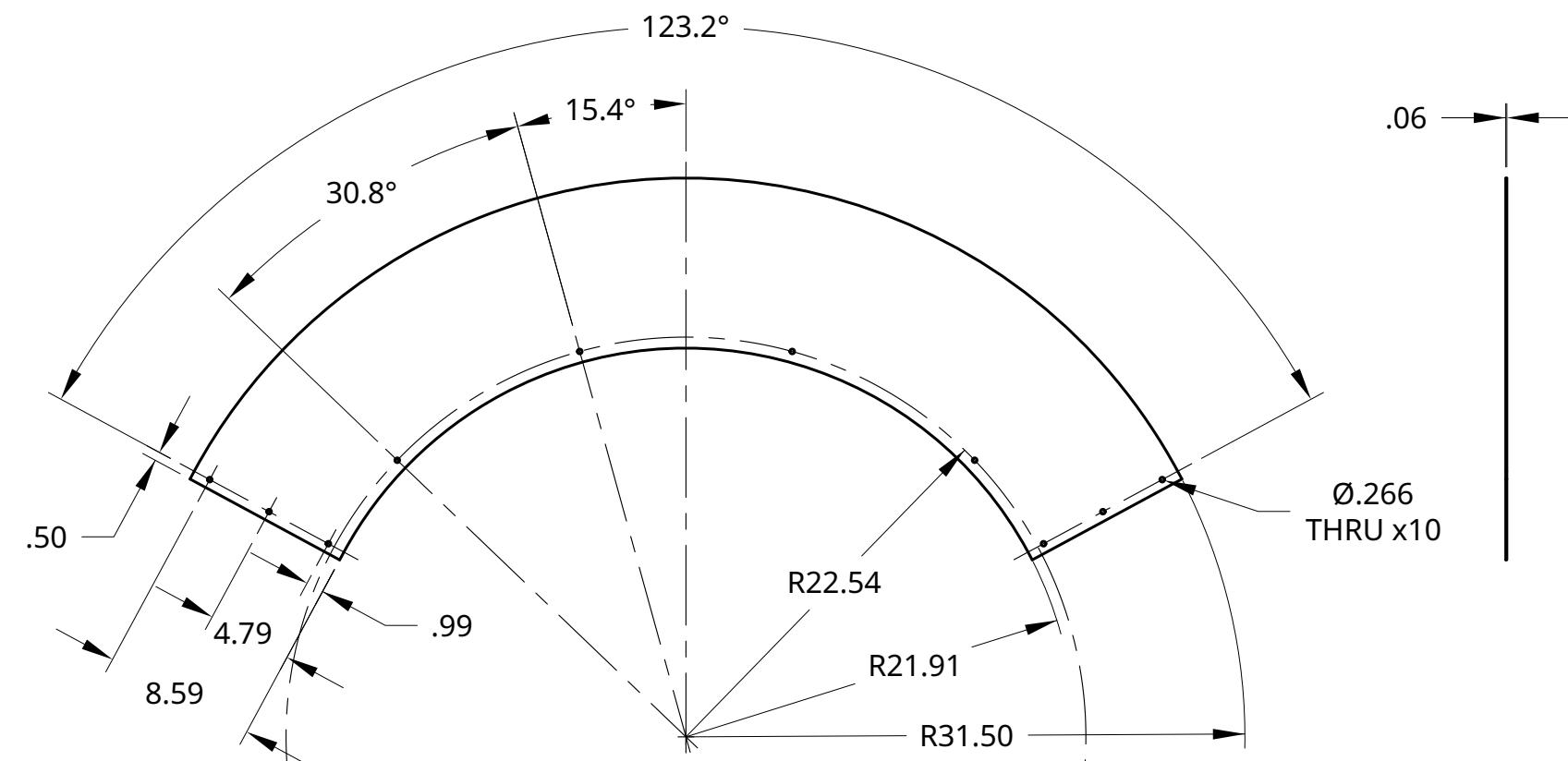
		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:8	SHEET 1 OF 1
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1		TITLE	
		Plastic 2, Airship Top	
DO NOT SCALE		PROJECT	MODEL NAME
			GE-17099
		ISSUE	



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES .XX = ±.0-      ANGULAR $\angle$ = ± ° .XXX = ±.00-      FRACTIONAL = ± .XXXX = ±.000-		DRAWN	NAME		DATE	GE-17203-FLAT		
SURFACE FINISH ✓		CHECKED				TITLE		
DO NOT SCALE DRAWING		APPROVED				Boiler Stack, Flat Pattern		
BREAK ALL SHARP EDGES AND REMOVE BURRS						SIZE	DWG NO.	
THIRD ANGLE PROJECTION		MATERIAL	1/16" Clear Polycarbonate	FINISH	Remove all sharp edges	A	----	REV. -
		SCALE	1:10	WEIGHT		SHEET	1 of 1	

B

B



A

A

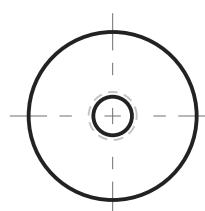
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		NAME	DATE	GE-17210-FLAT	
.XX = ±.0- .XXX = ±.00- .XXXX = ±.000-		ANGULAR $\angle \pm$ ° FRACTIONAL = ±		TITLE	
SURFACE FINISH ✓		DRAWN	Jasmine Florentine 12/26/2016		
DO NOT SCALE DRAWING		CHECKED			
BREAK ALL SHARP EDGES AND REMOVE BURRS		APPROVED			
THIRD ANGLE PROJECTION		MATERIAL	1/16" Clear Polycarb	FINISH	Remove sharp edges
		SCALE	1:10	WEIGHT	
		SHEET	1 of 1	REV.	-

1

2

3

4

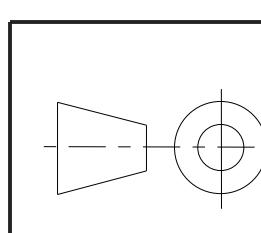
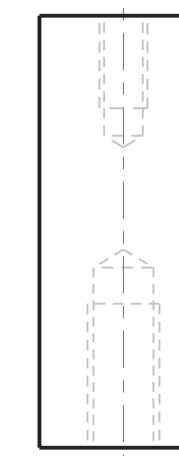
MODEL NAME  
GE-17220TITLE  
Crank Mount1/4-20 UNC - 2B  $\nabla$  .5

2.250

3/8-16 UNC - 2B  $\nabla$  .75 $\phi$  .875

## NOTES:

1. MATERIAL: DELRIN, BLACK
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

DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:1	SHEET 1 OF 1
TITLE	Crank Mount
PROJECT	MODEL NAME GE-17220
	ISSUE

1

2

3

4

1

2

3

4

MODEL NAME  
GE-17222TITLE  
Rail, Small Left

.00

2X 5.57

10.80

12.55

14.86

.25

2X Ø .27  
THRU

.00

.75

2.38

2.88

3.78

4.25

4.75

2X .33

11.43

11.68

5.75

2.13

6.00

R.13

(.13)

D

D

C

C

B

B

A

A

## NOTES:

- MATERIAL: 3003 OR 5052 ALUMINUM SHEET
- REMOVE ALL BURRS AND SHARP EDGES.

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	Rail, Small Left	
PROJECT	MODEL NAME GE-17222	ISSUE

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DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:2	SHEET 1 OF 2

1

2

3

4

MODEL NAME  
GE-17222

TITLE

## RAIL CHANNEL

D  
C  
B  
AD  
C  
B  
A

DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 19:96	SHEET 2 OF 2

TITLE	RAIL CHANNEL	
PROJECT	MODEL NAME GE-17222	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

1

2

3

4

MODEL NAME  
GE-17223

TITLE

Rail, Small Right

1

2

3

4

14.86

.25

5.90

.00

.00

2.125

5.75

11.68  
11.43

2X .33  
THRU

R.13  
TYP.

6.000

(.13)

NOTES:

1. MATERIAL: 3003 OR 5052 ALUMINUM SHEET
2. REMOVE ALL BURRS AND SHARP EDGES.

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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DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:2	SHEET 1 OF 2

TITLE

Rail, Small Right

PROJECT

MODEL NAME  
GE-17223

ISSUE

1

2

3

4

1

2

3

4

MODEL NAME  
GE-17223

TITLE

## RAIL CHANNEL

D  
C  
B  
AD  
C  
B  
ATHIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF  
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CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_  
SCALE 19:96 SHEET 2 OF 2

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1	TITLE RAIL CHANNEL		
DO NOT SCALE	PROJECT	MODEL NAME GE-17223	ISSUE

1

2

3

4

MODEL NAME  
GE-17224

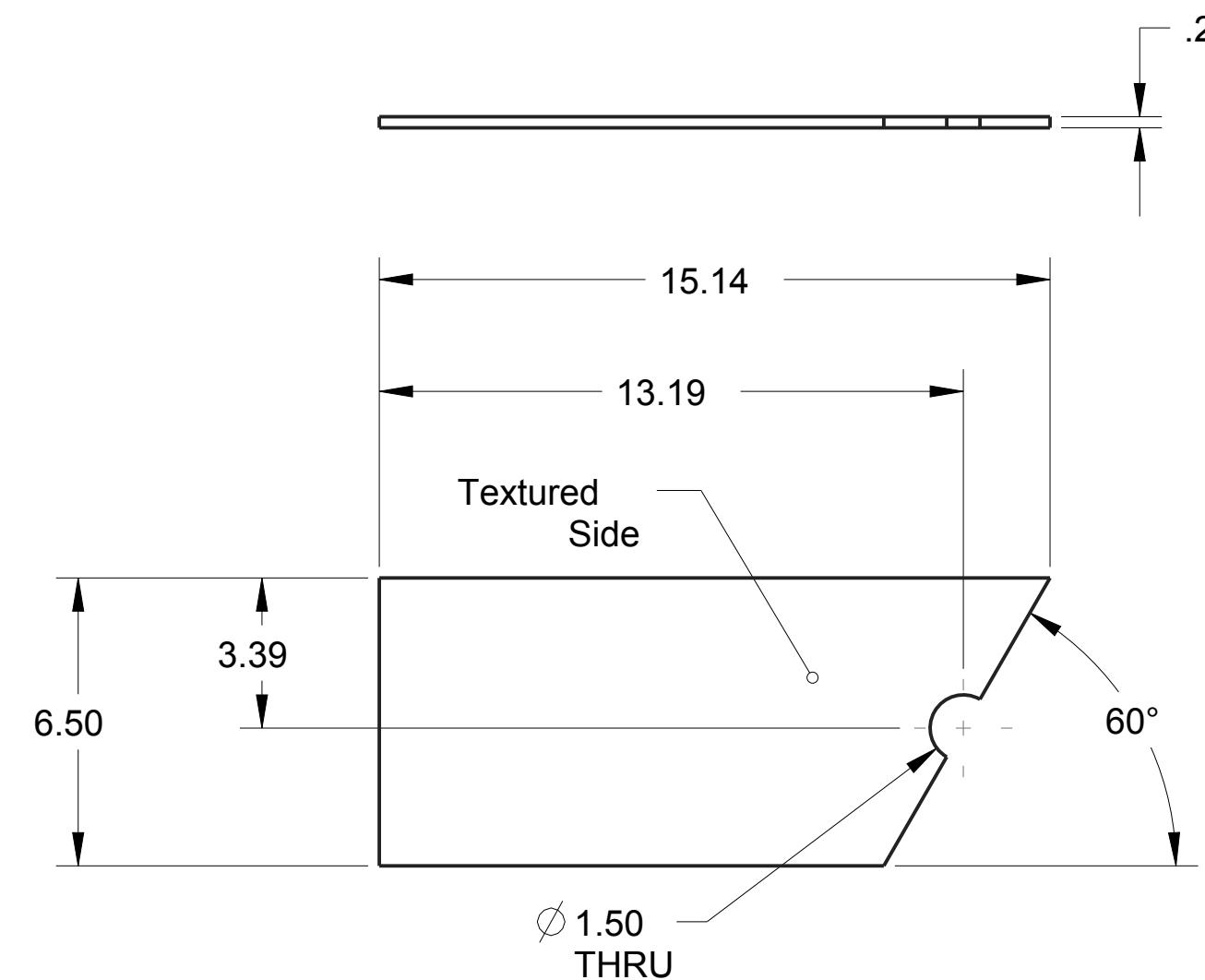
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TITLE  
Rail Cover 3

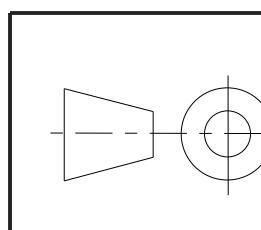
2

3

4



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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DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:12	SHEET 1 OF 1

TITLE  
Rail Cover 3  
PROJECT  
DO NOT SCALE

MODEL NAME  
GE-17224  
ISSUE

MODEL NAME  
GE-17225

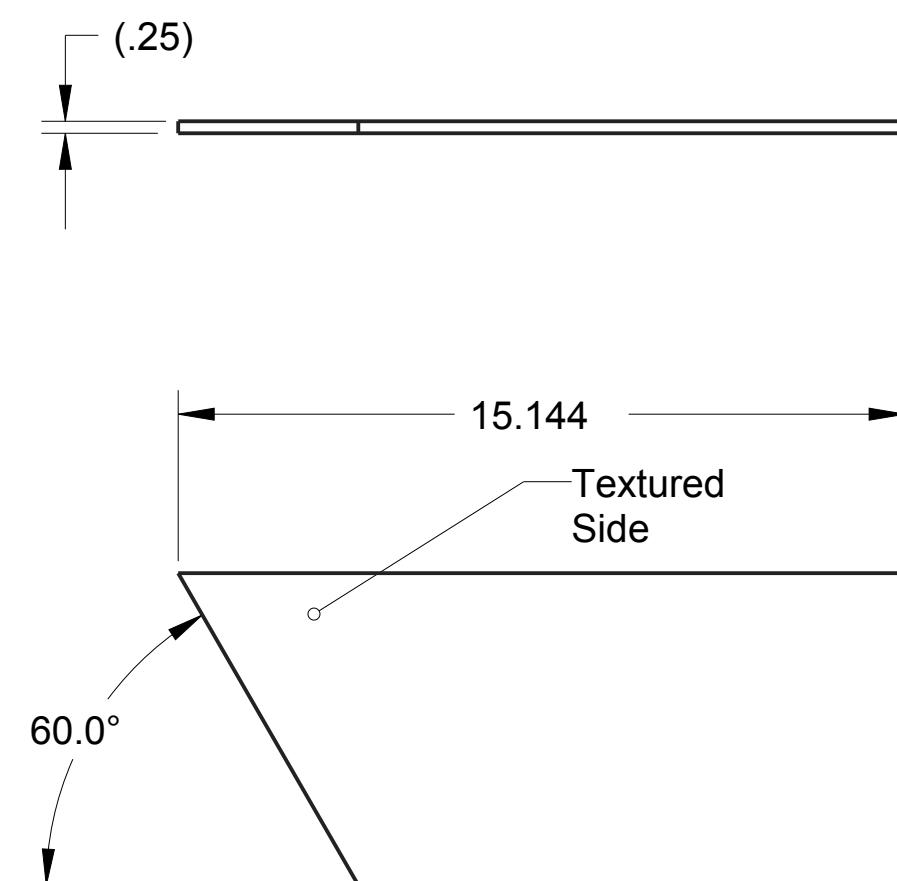
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TITLE  
Rail Cover 4

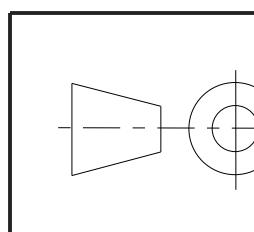
2

3

4



Material .25 Black HDPE Sheet, Orange Peel Texture



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

DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE

SCALE 1:12 SHEET 1 OF 1

TITLE	
Rail Cover 4	
PROJECT	MODEL NAME GE-17225

1

2

3

4

D

C

B

A

1 2 3 4 5 6 7 8

MODEL NAME  
GE-17227

TITLE

Pull Cord

E

E

D

D

C

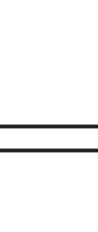
C

B

B

A

A



NOTES

MATERIAL: 550 PARACORD, BLACK  
PN: GE-17227  
OTHER: LENGTH INCLUDES KNOTS AND LOOPS

48 INCHES TOTAL

1 2 3 4 5 6 7 8

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		CHECKED BY	DATE
		APPROVED BY	DATE
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		SCALE 1:2	SHEET 1 OF 1
TITLE			
Pull Cord			
PROJECT	MODEL NAME	ISSUE	
DO NOT SCALE		GE-17227	

1 2 3 4 5 6 7 8

MODEL NAME  
GE-17228

TITLE

Pull Handle

E

E

D

D

C

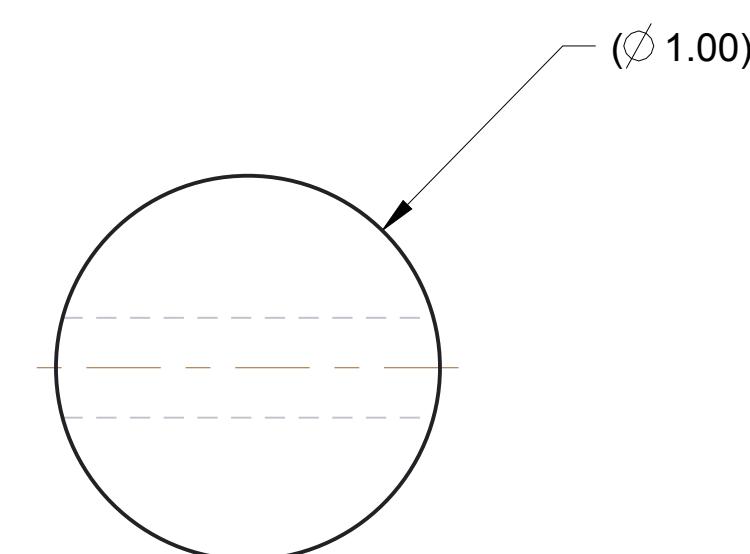
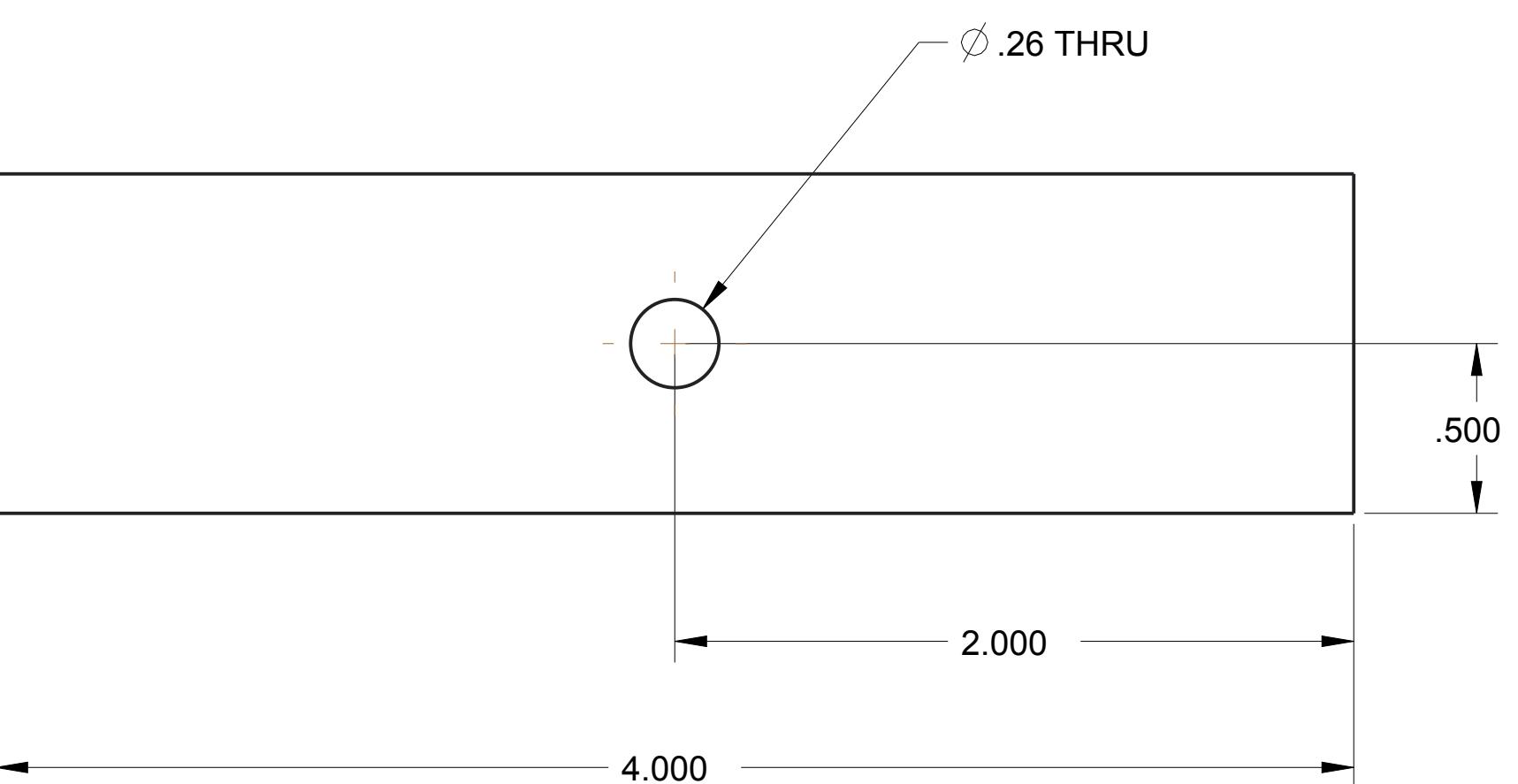
C

B

B

A

A



PN: GE-17228  
MATERIAL: ABS PLASTIC ROD, 1" DIAMETER, BLACK

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
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TITLE			
Pull Handle			
PROJECT	MODEL NAME	ISSUE	
DO NOT SCALE		GE-17228	

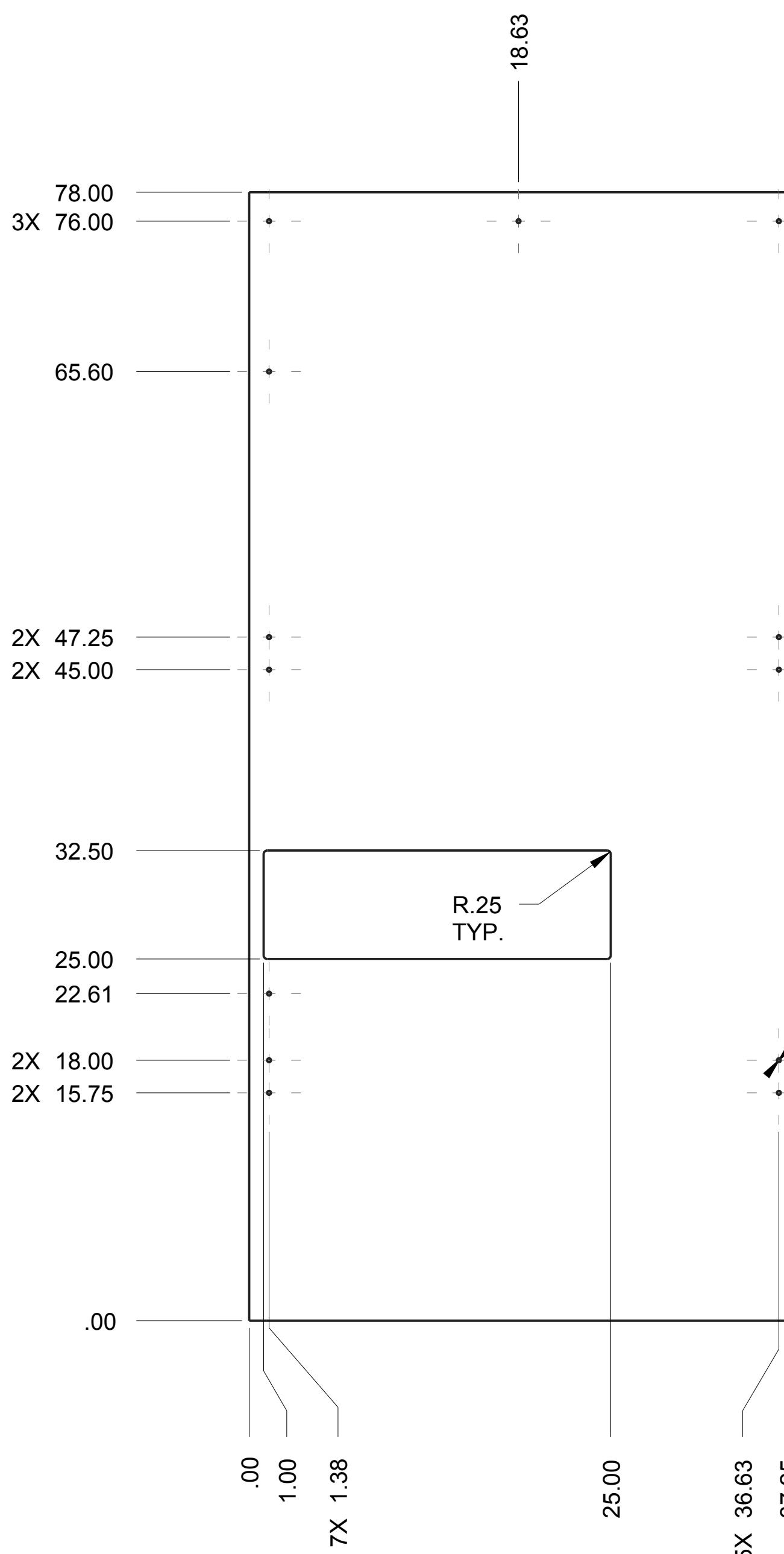
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2

3

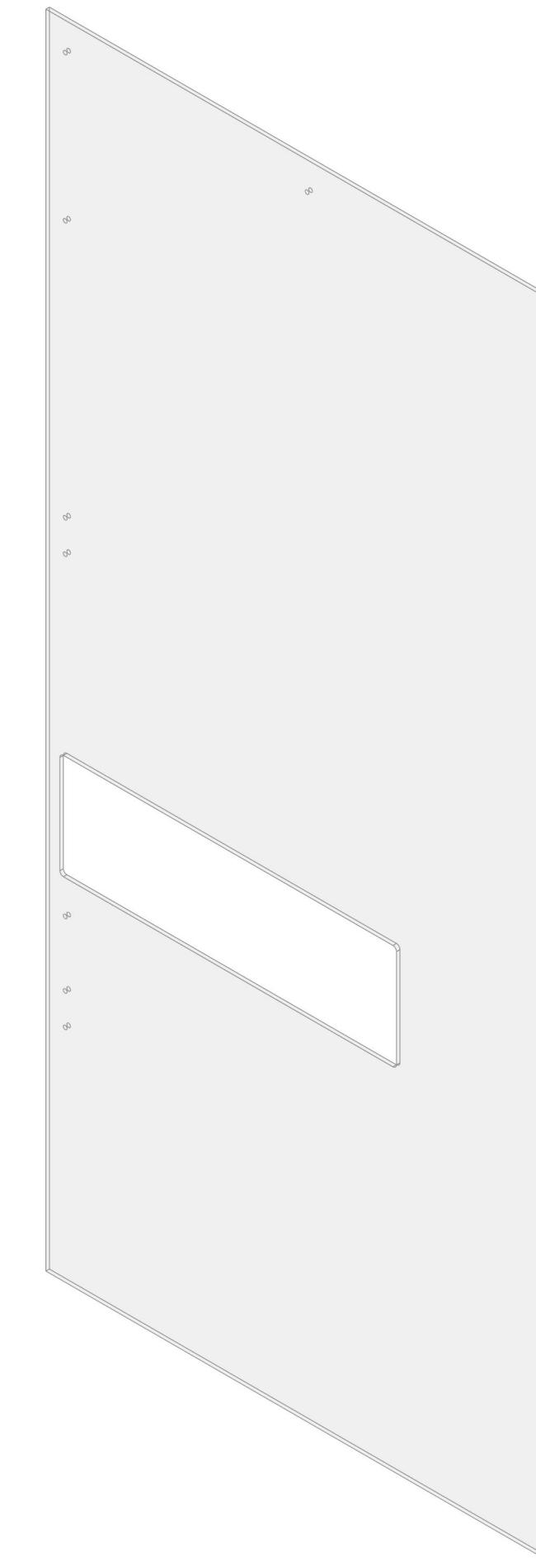
4

D



DO NOT SCALE

(.25)



Note:  
 1. 1/4" Polycarbonate Clear.  
 2. Remove all burrs and sharp edges.

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 5:96	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
			Feeder Station Plastic
PROJECT		MODEL NAME	GE-17230
		ISSUE	

1

2

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MODEL NAME GE-17236	TITLE Support Cross, Pipe
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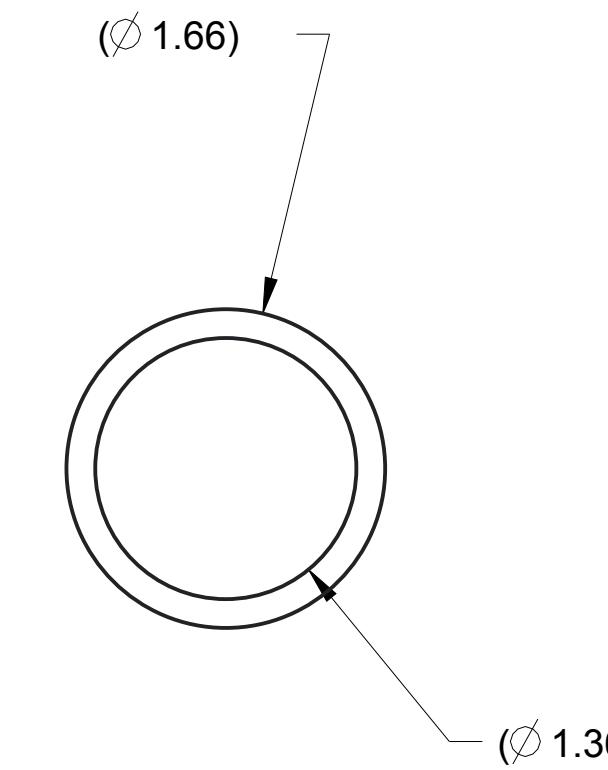
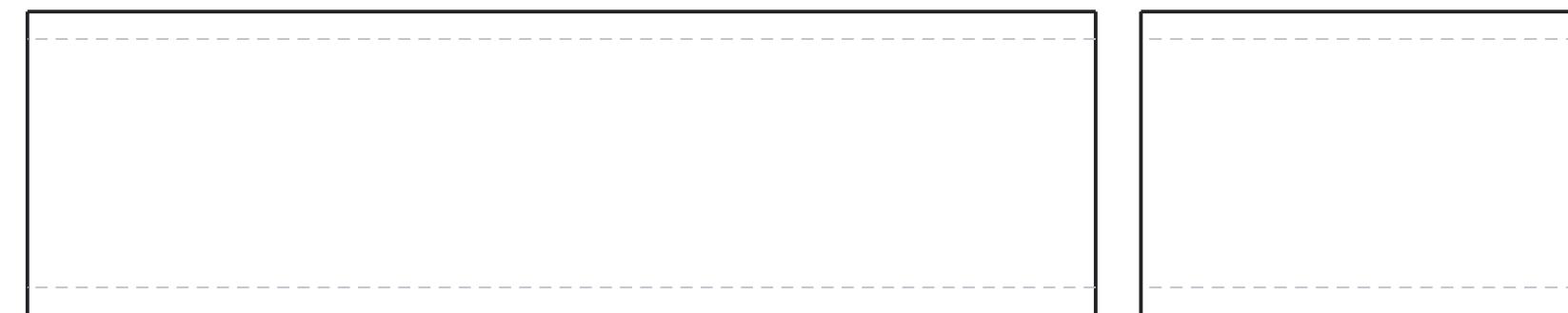
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SCALE 1:8

Part Number: GE-17236  
Material: 1-1/4" Sched 40 6061-T6 Alluminium

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 5:96	SHEET 1 OF 1
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1	TITLE <b>Support Cross, Pipe</b>	PROJECT	MODEL NAME GE-17236
DO NOT SCALE	ISSUE		

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ASME STANDARD,INCH

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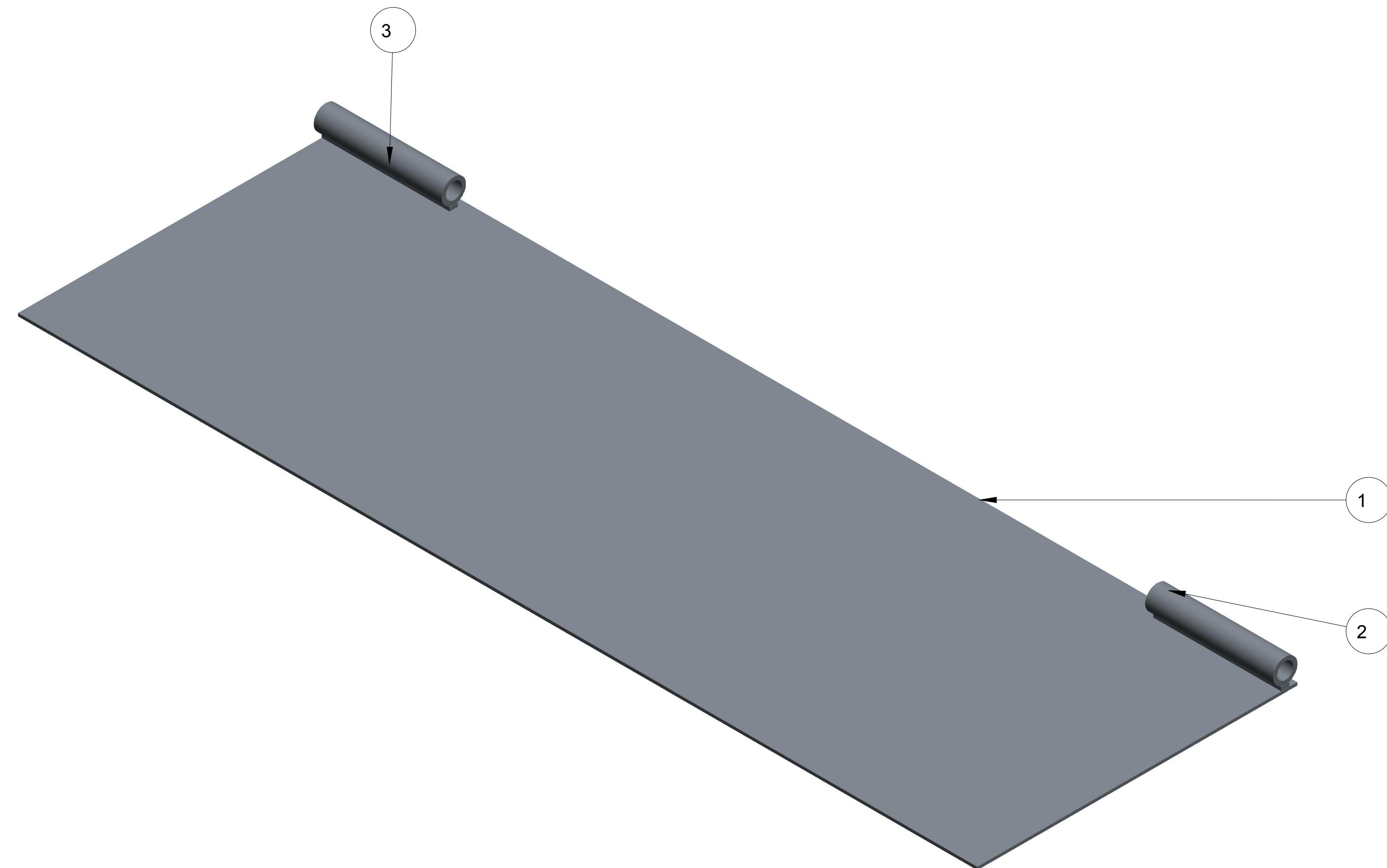
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MODEL NAME GE-17251	TITLE Hinge Plate
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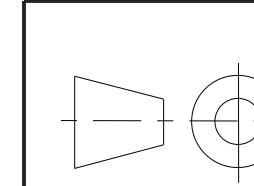
REV A	ZONE B-4	DESCRIPTION Add Paint Notation	DATE 11/17/16	INITIALS MXS
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Note:  
1. Painted Gloss Black

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17251-01	1	Sheet	
2	GE-17251-02	2	Tube	
3	GE-17251-03	2	Spacer	

  	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
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SCALE 1:6		SHEET 1 OF 4
TITLE		
Hinge Plate		
PROJECT		MODEL NAME
		GE-17251
ISSUE		

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
XX +/- 0.1  
XX +/- 0.01  
XXX +/- 0.001  
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MODEL NAME  
GE-17251TITLE  
Hinge Plate

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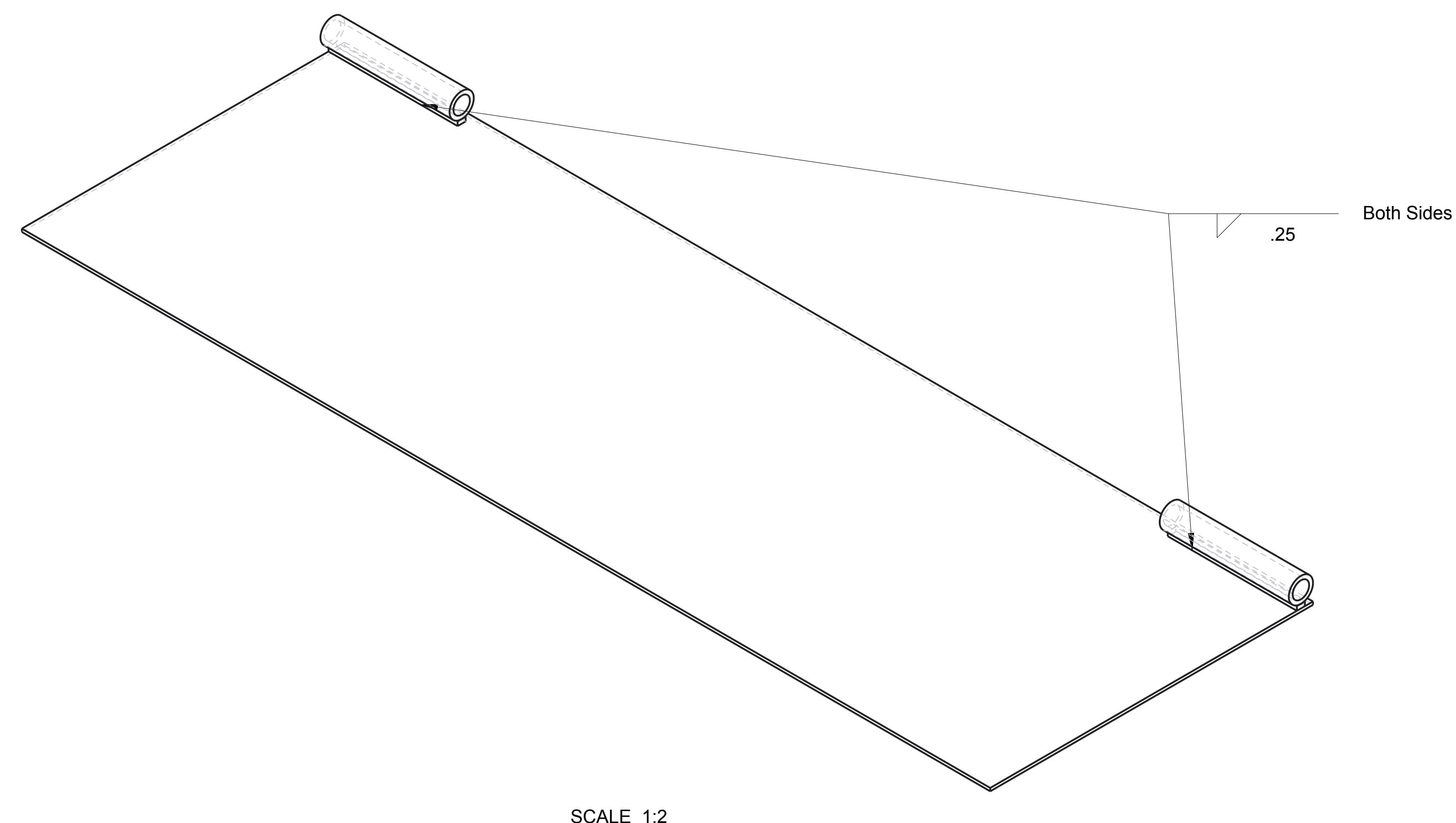
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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:6	SHEET 2 OF 4
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1	TITLE Hinge Plate	PROJECT	MODEL NAME GE-17251
DO NOT SCALE	ISSUE		

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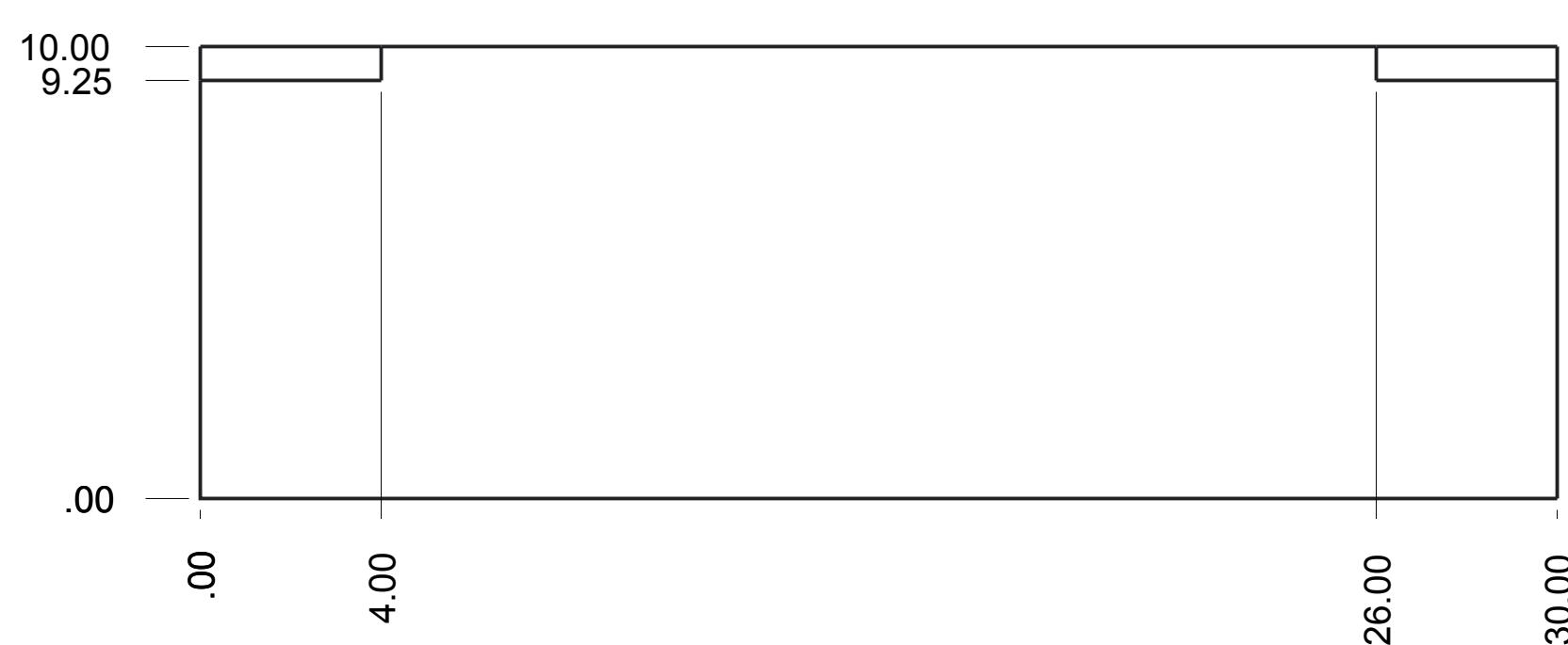
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MODEL NAME  
GE-17251

TITLE  
Hinge Plate

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	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:6	SHEET 3 OF 4
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XXX +/- .001 XXXX +/- .0001 ANG +/- 1	TITLE	Hinge Plate
DO NOT SCALE	PROJECT	MODEL NAME GE-17251
		ISSUE

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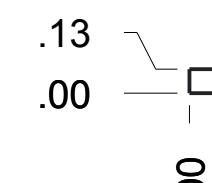
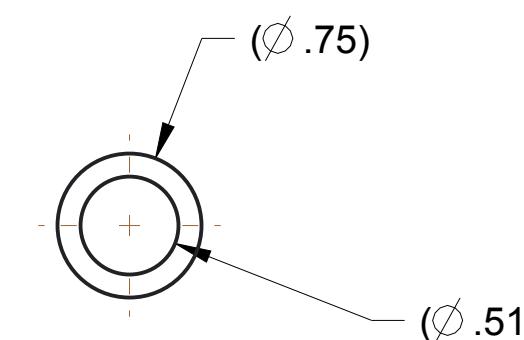
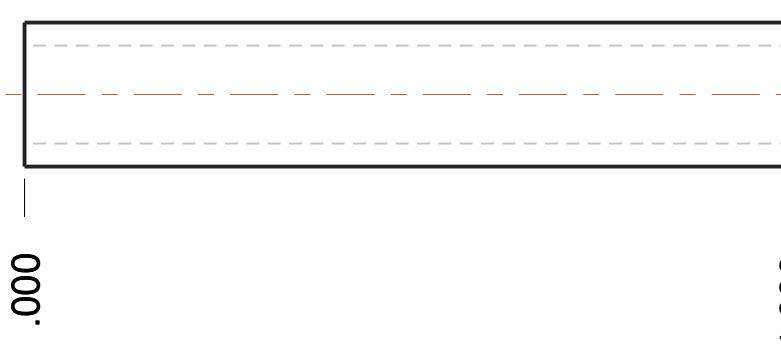
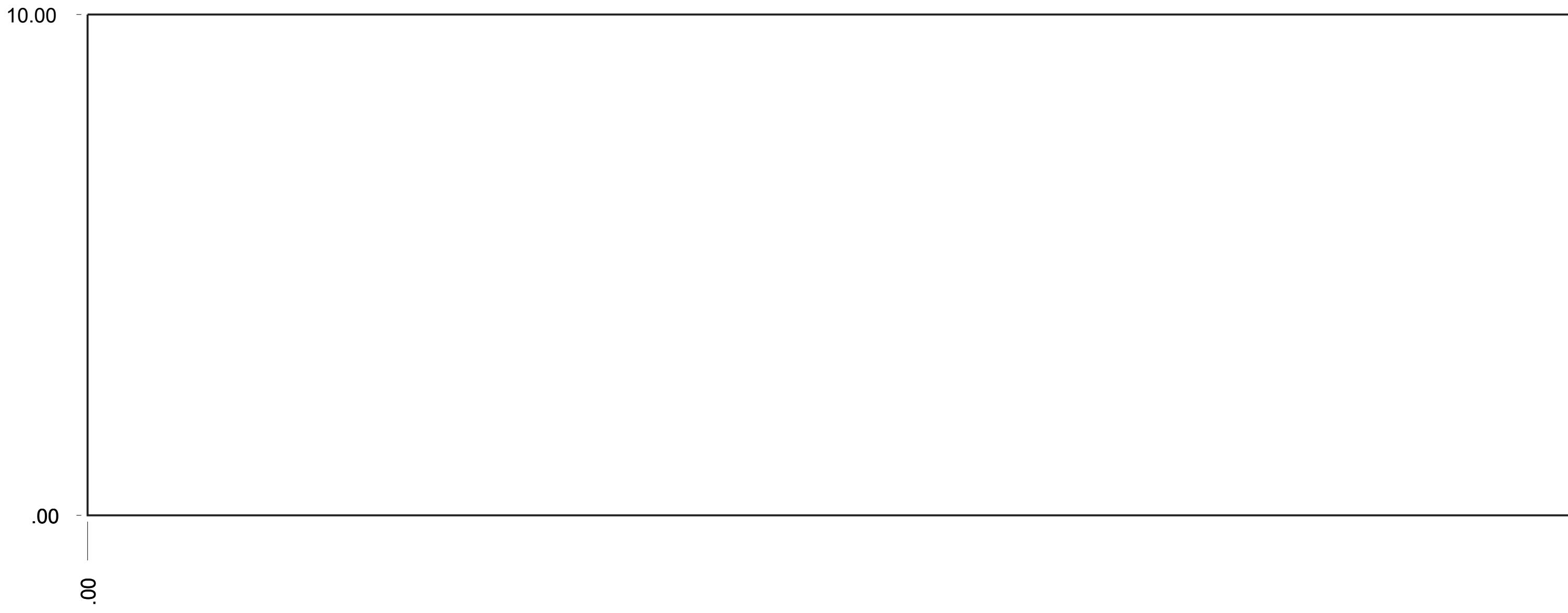
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MODEL NAME GE-17251	TITLE Hinge Plate
------------------------	----------------------

Hinge Plate



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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:6	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.X +/- 0.001 ANG +/- 1	TITLE	SHEET 4 OF 4	
DO NOT SCALE	Hinge Plate	PROJECT	MODEL NAME GE-17251
			ISSUE

MODEL NAME GE-17252	TITLE Hopper KickBar
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REV A	ZONE B-4	DESCRIPTION Add Paint Notation	DATE 11/17/16	INITIALS MXS
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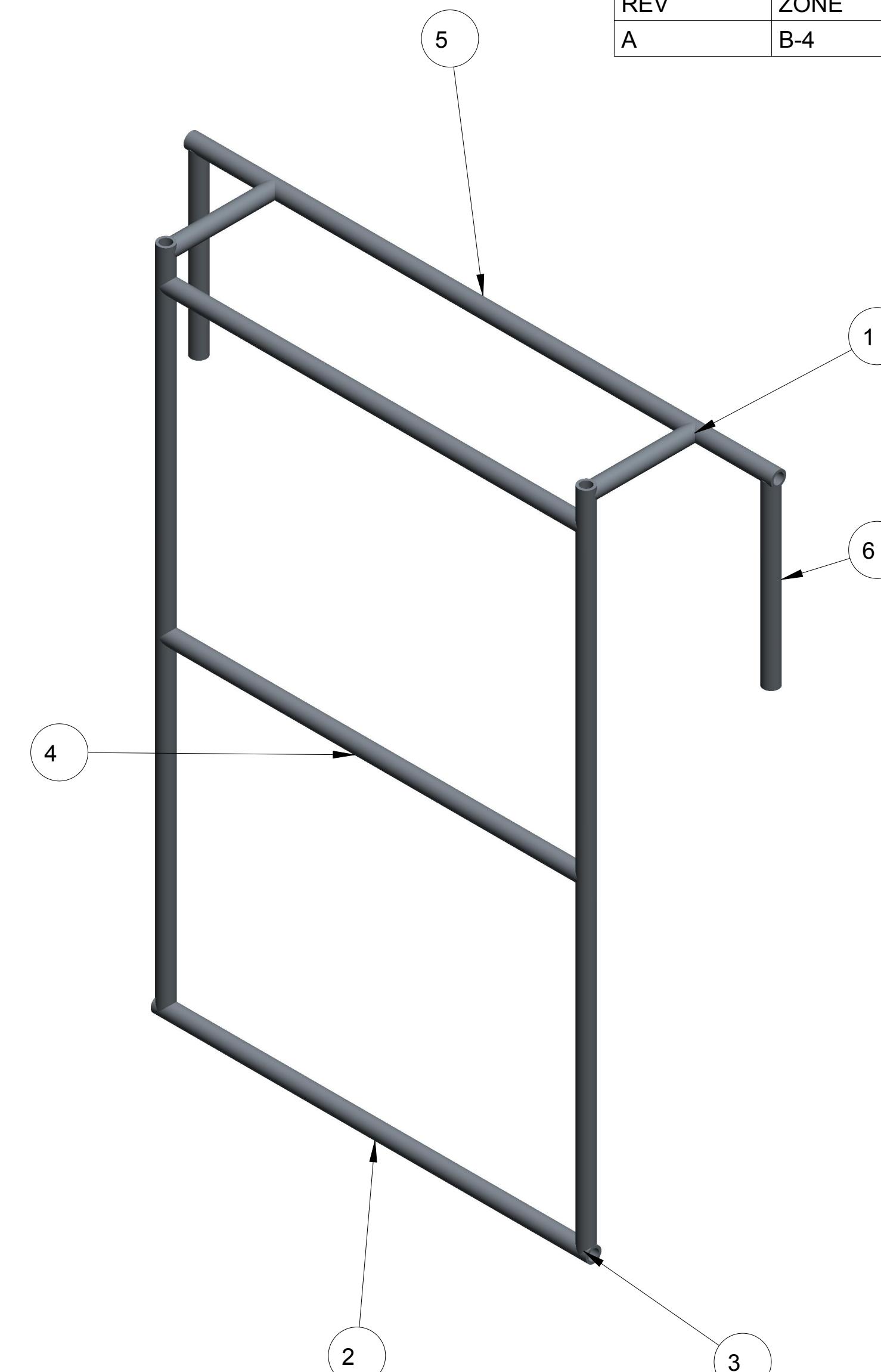
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Note:  
1. Painted Gloss Black

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-14252-04	2	Tube	
2	GE-17252-01	1	Tube	
3	GE-17252-02	2	Tube	
4	GE-17252-03	2	Tube	
5	GE-17252-05	1	Tube	
6	GE-17252-06	2	Tube	

 		DRAWN BY	DATE
		CHECKED BY	DATE
APPROVED BY	DATE	THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREON OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION	
SCALE 1:8		SHEET 1 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 Hopper KickBar	
DO NOT SCALE		PROJECT	MODEL NAME GE-17252
		ISSUE	

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MODEL NAME  
GE-17252

TITLE  
Hopper KickBar

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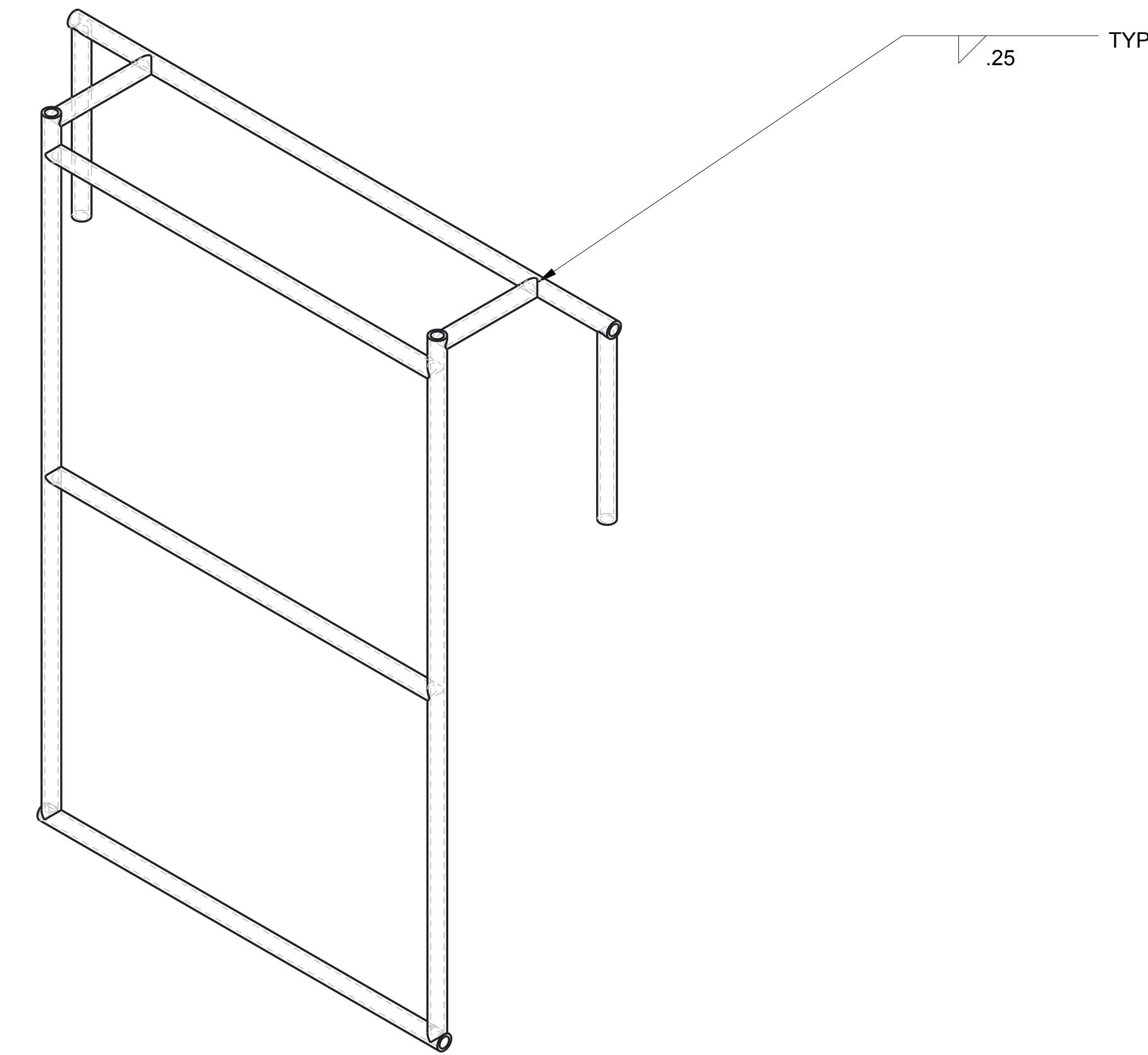
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		DRAWN BY	DATE
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		APPROVED BY	DATE
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	TITLE Hopper KickBar	PROJECT	MODEL NAME GE-17252
DO NOT SCALE	ISSUE		

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ASME STANDARD,INCH

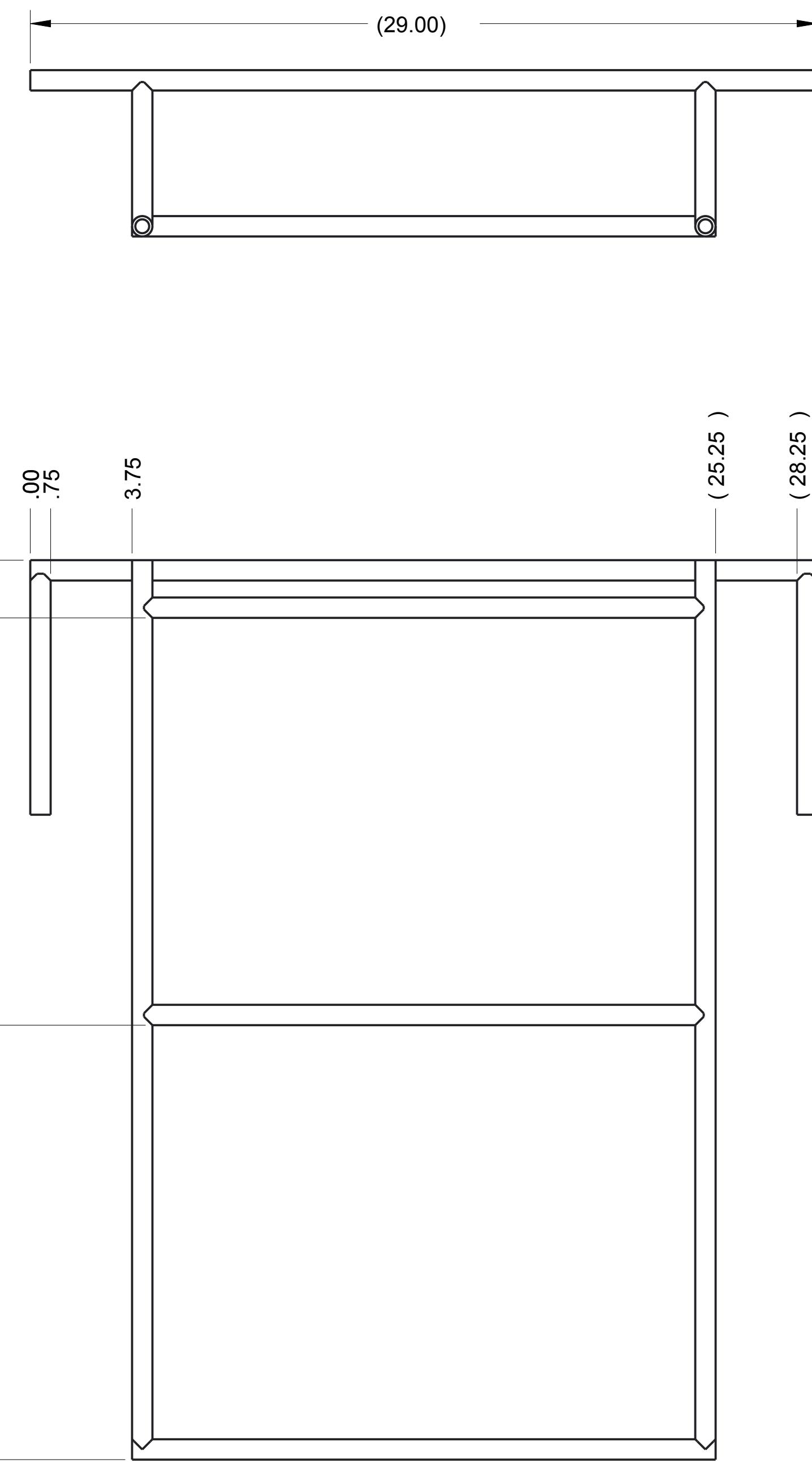
MODEL NAME  
GE-17252TITLE  
Hopper KickBar

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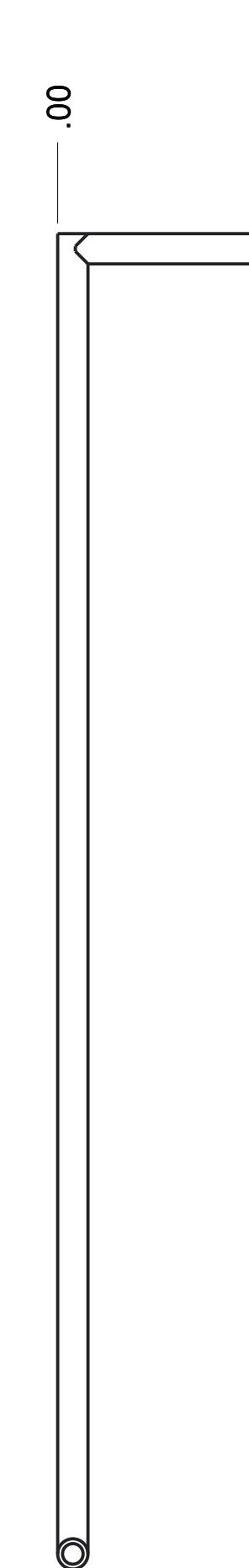
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SCALE 1:4



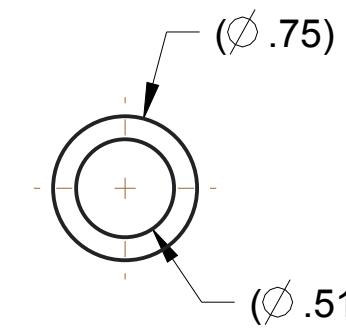
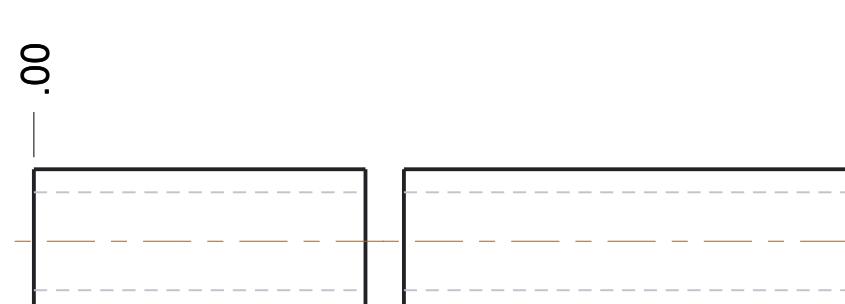
		DRAWN BY	DATE
CHECKED BY		DATE	
APPROVED BY		DATE	
SCALE 1:8		SHEET 3 OF 5	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XX.X +/- .001 XXX.X +/- .0001 ANG +/- 1	TITLE	Hopper KickBar	
DO NOT SCALE	PROJECT	MODEL NAME GE-17252	ISSUE

1

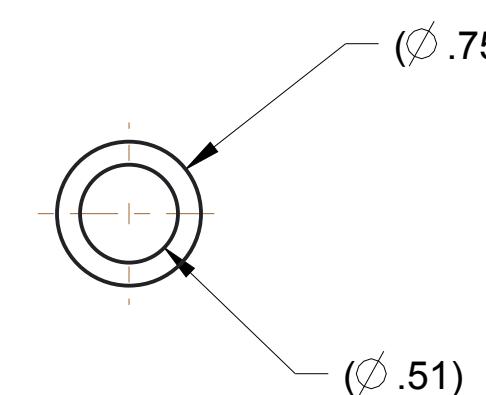
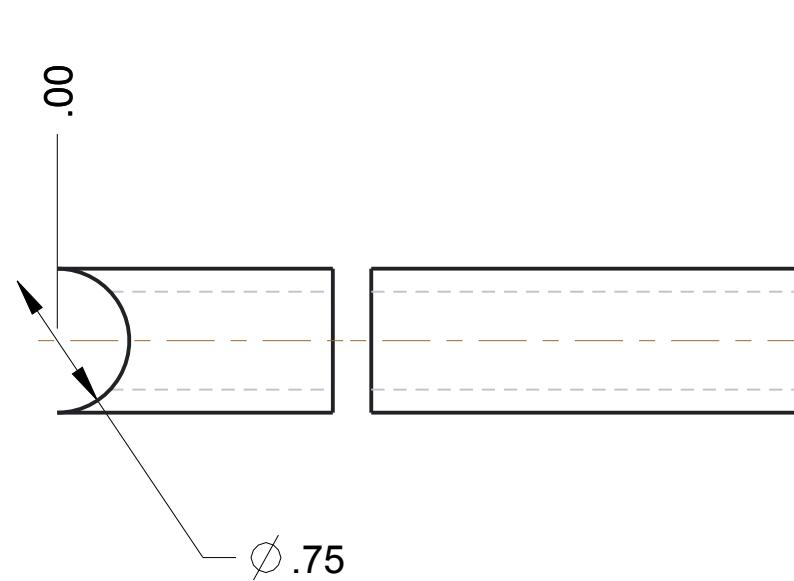
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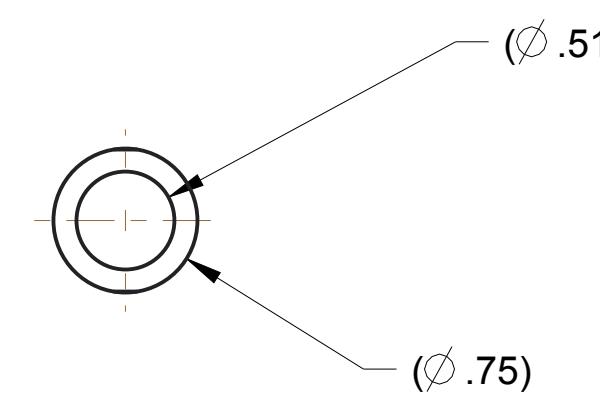
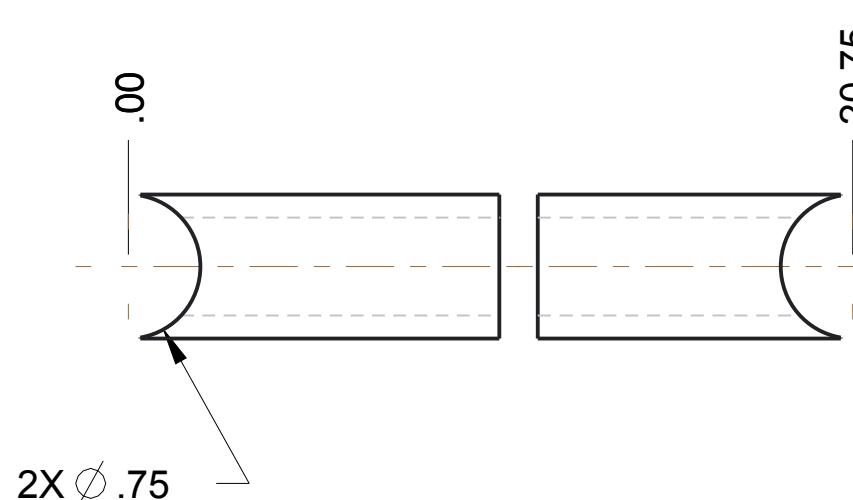
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MODEL NAME  
GE-17252TITLE  
Hopper KickBar

Part Number: GE-17252-01  
Material: .75 OD. 083" Wall A513 DOM Tubing  
QTY: 1



Part Number: GE-17252-02  
Material: .75 OD. 083" Wall A513 DOM Tubing  
QTY: 2



Part Number: GE-17252-03  
Material: .75 OD. 083" Wall A513 DOM Tubing  
QTY: 2

		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.X +/- .0001 ANG +/- 1		TITLE	Hopper KickBar
DO NOT SCALE		PROJECT	MODEL NAME GE-17252
			ISSUE

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ASME STANDARD,INCH

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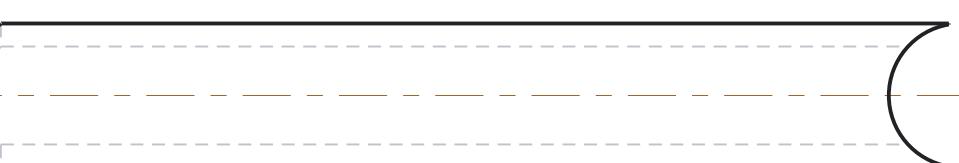
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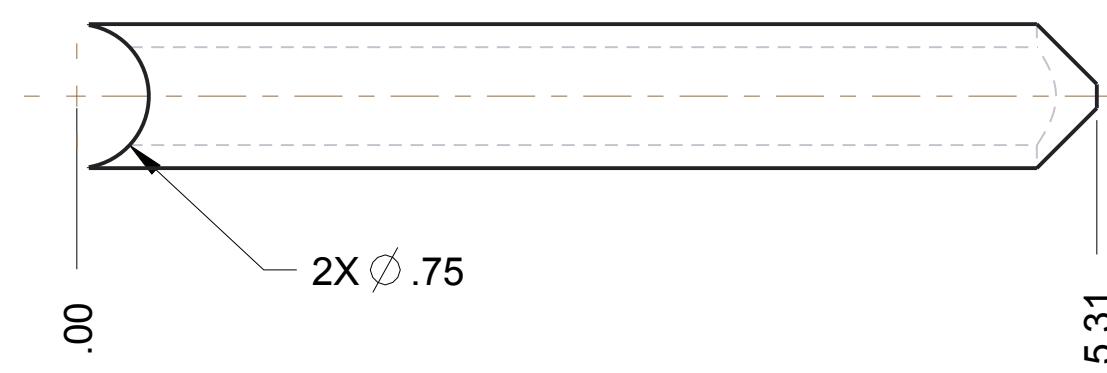
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MODEL NAME  
GE-17252

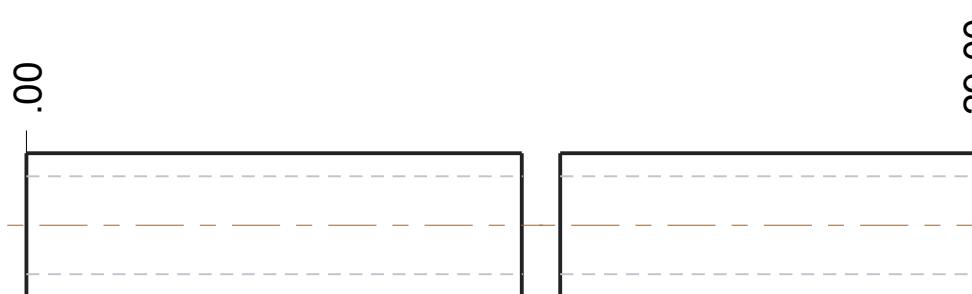


( $\phi$  .51) ( $\phi$  .75)

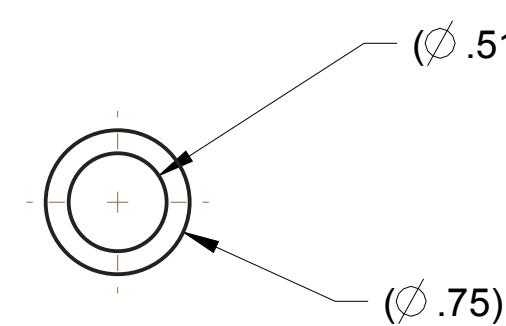


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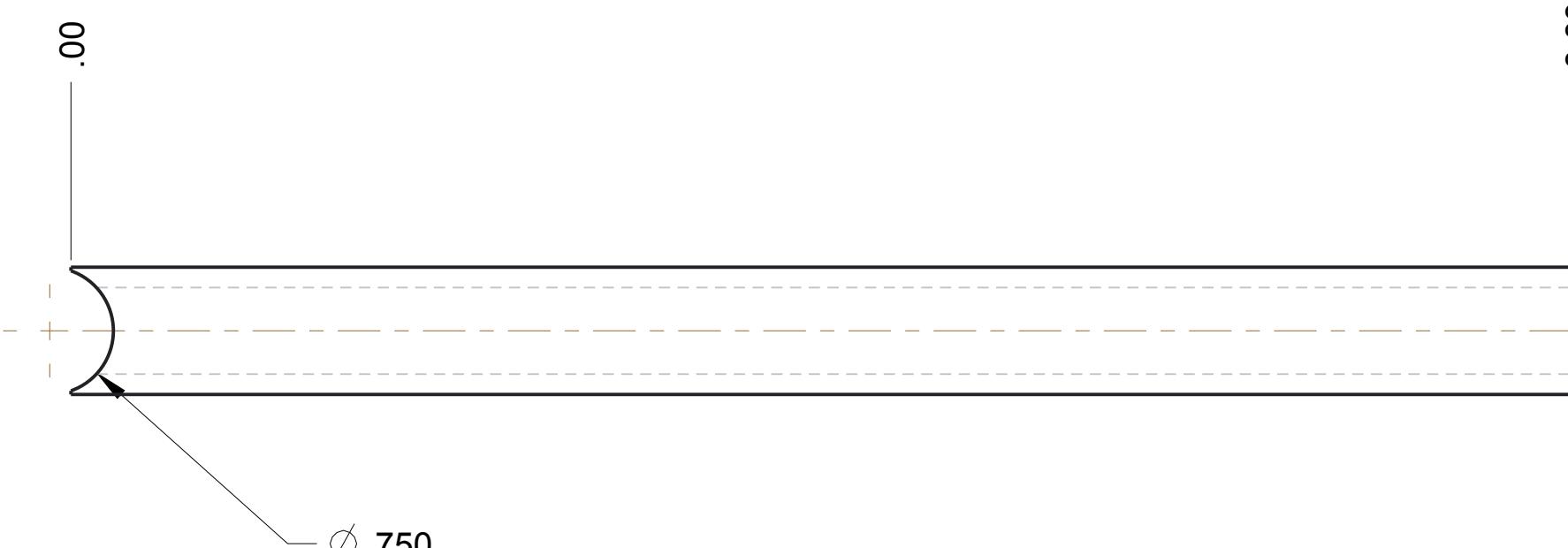
Part Number: GE-17252-04  
Material: .75 OD. 083" Wall A513 DOM Tubing  
QTY: 2



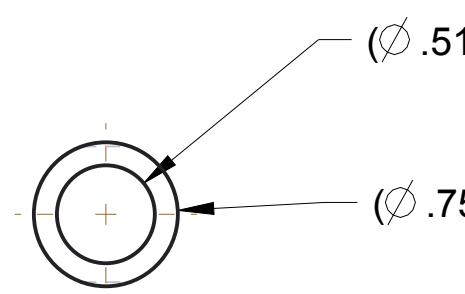
29.00



Part Number: GE-17252-05  
Material: .75 OD. 083" Wall A513 DOM Tubing  
QTY: 1



8.88



Part Number: GE-17252-06  
Material: .75 OD. 083" Wall A513 Dom Tubing  
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 +/- 0.1 XX.X +/- 0.01 XXX.X +/- 0.001 ANG +/- 1		TITLE	
DO NOT SCALE		PROJECT	MODEL NAME
		GE-17252	ISSUE

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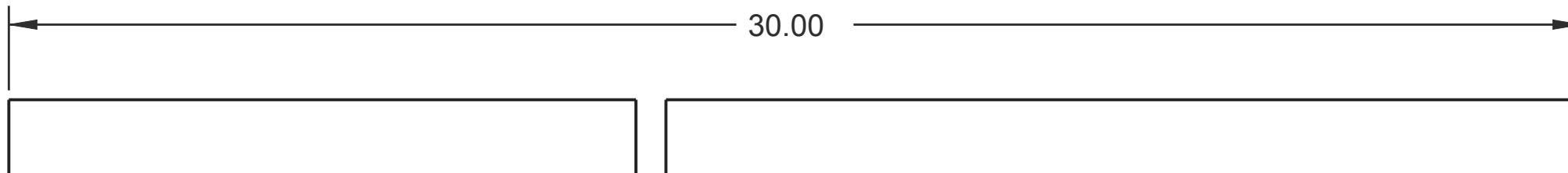
3

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MODEL NAME  
GE-17253

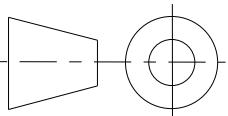
TITLE

Hinge Pin



## NOTES:

1. MATERIAL: 1/2" DIAMETER STEEL ROD, GALVANIZED
2. REMOVE BURRS AND SHARP EDGES

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:1 SHEET 1 OF 1	
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DO NOT SCALE		TITLE Hinge Pin	
PROJECT		MODEL NAME	ISSUE
		GE-17253	

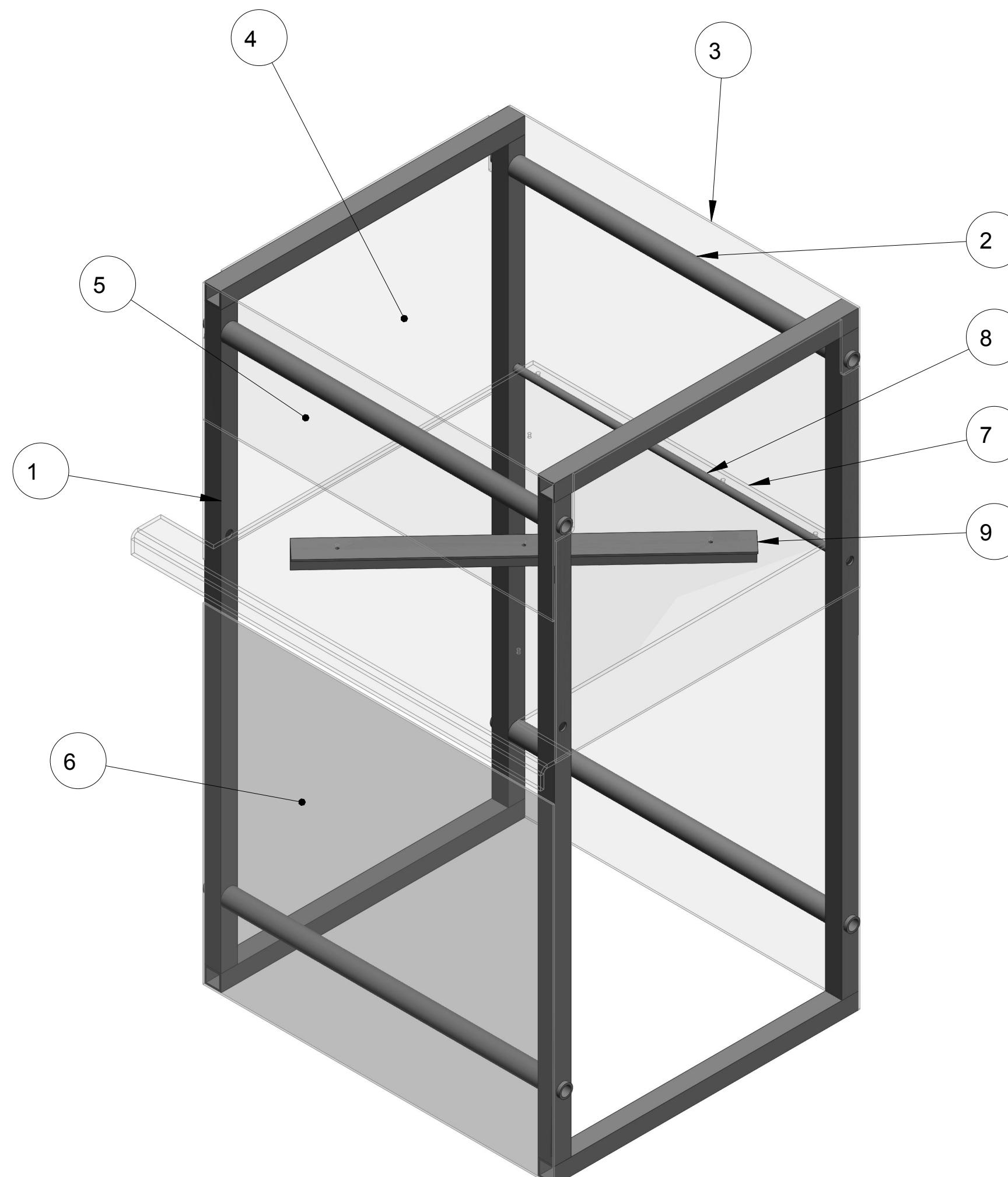
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MODEL NAME GE-17254	TITLE Hopper, Container
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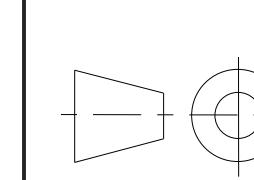
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ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17255	2	Hopper Frame	
2	GE-17256	4	Support Tube	
3	GE-17257	1	Back Plastic, Hopper	
4	GE-17258	2	Side Plastic, Hopper	
5	GE-17259	1	Front Plastic 1, Hopper	
6	GE-17260	1	Front Plastic 2, Hopper	
7	GE-17262_REVB	1	Shelf, Hopper	
8	GE-17263	1	Pivot Rod	
9	GE_17285	1	Ramp Support	

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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:16   SHEET 1 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 Hopper, Container	
PROJECT		MODEL NAME	ISSUE
		GE-17254	

MODEL NAME GE-17254	TITLE Hopper, Container
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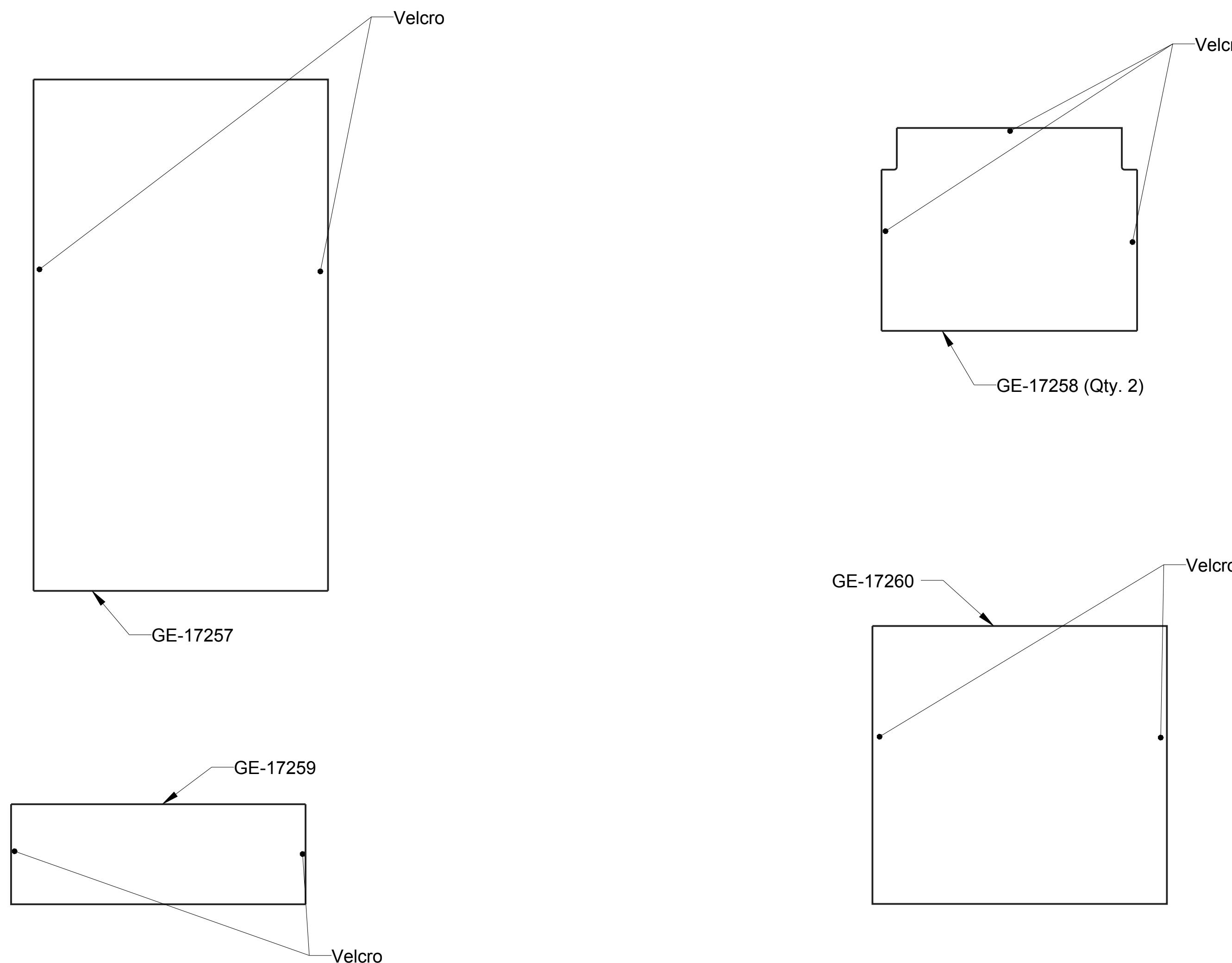
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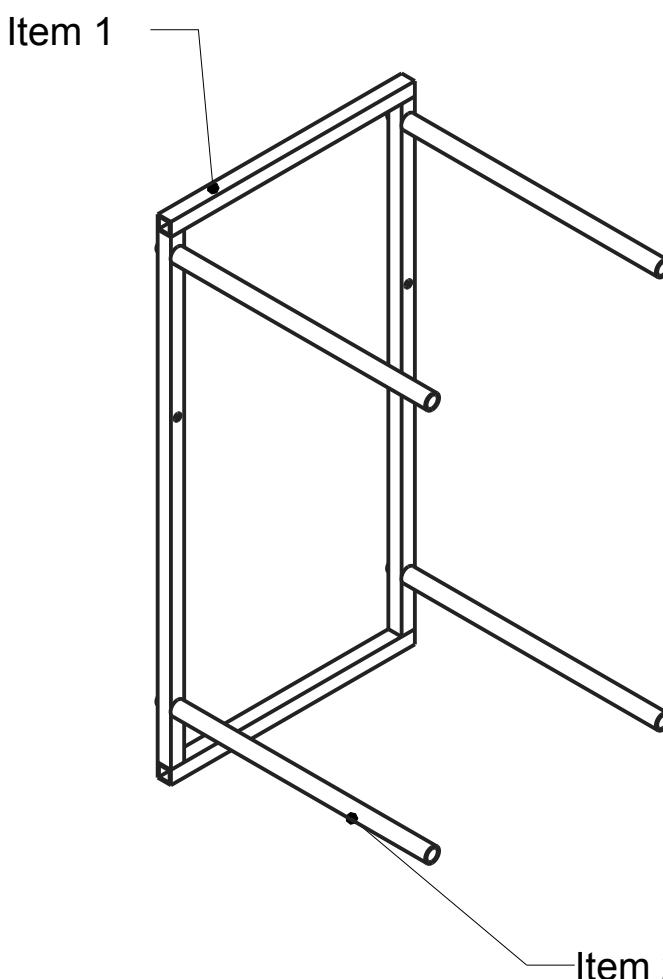
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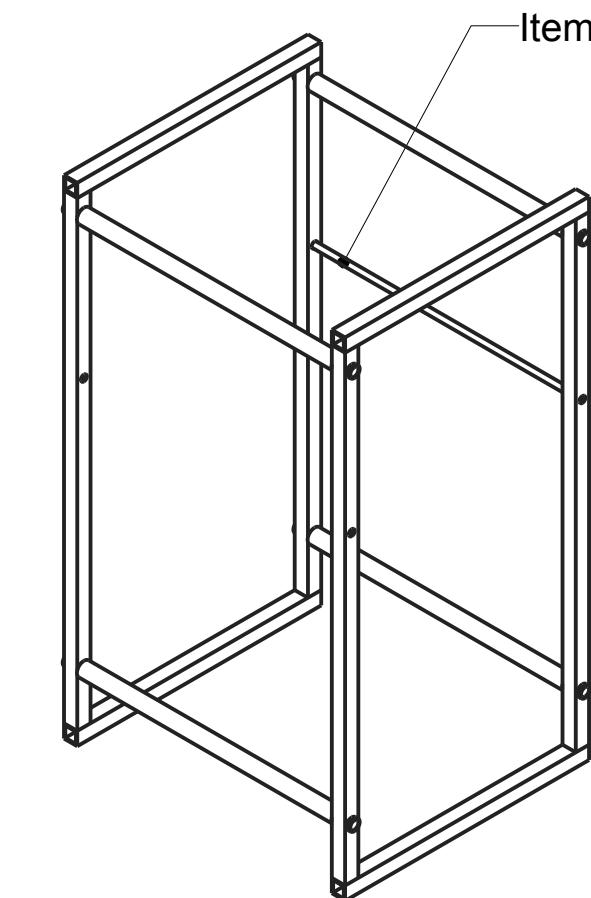
**Velcro Application Instructions:**

1. Apply 1" wide adhesive backed looped velcro to all the surfaces indicated above. Velcro should be applied adjacent to the entire length of the edges indicated.
2. Attach adhesive backed hook fastener to the loop fastener applied in Step 1. The hook surface should be attached to the loop surface. Do not pull the plastic adhesive covering from the hook fastener.

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
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DO NOT SCALE	TITLE	SHEET 2 OF 3
	Hopper, Container	
PROJECT	MODEL NAME	ISSUE
	GE-17254	

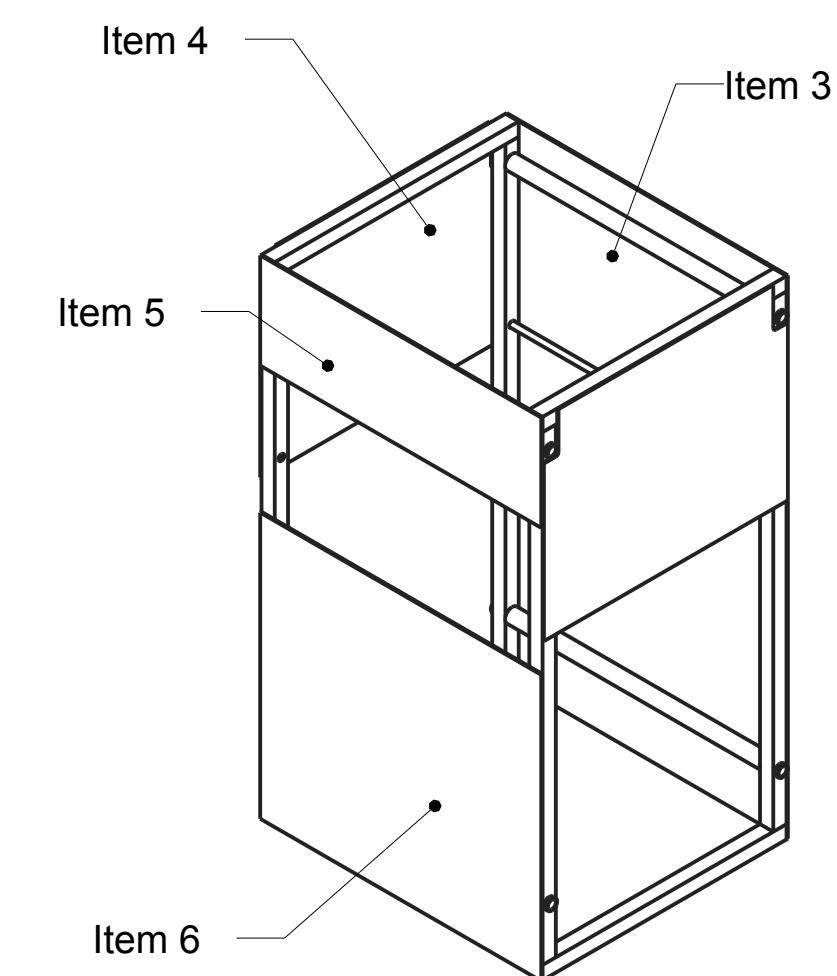


Step 1: Take Item 2 (Qty. 4) and insert them over the small tubes protruding from Item 1. Push until flush (or as close as possible).

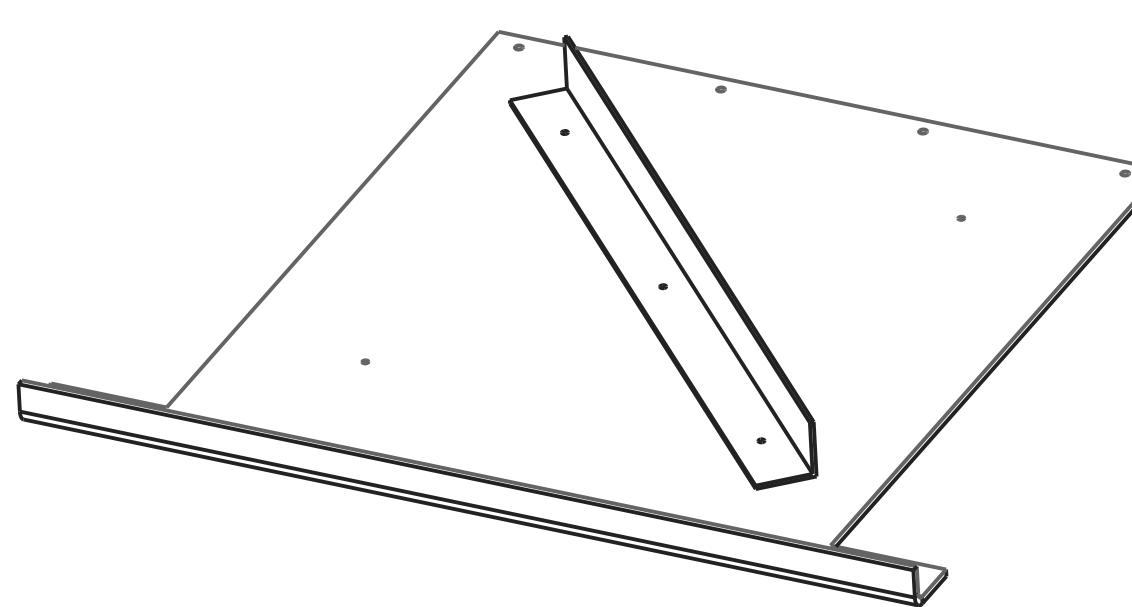


Step 2:

- Insert Item 9 into the available hole in Item 1 from Step 1.
- Take another Item 1 and push the small tubes protruding from it into the tubes from Step 2.

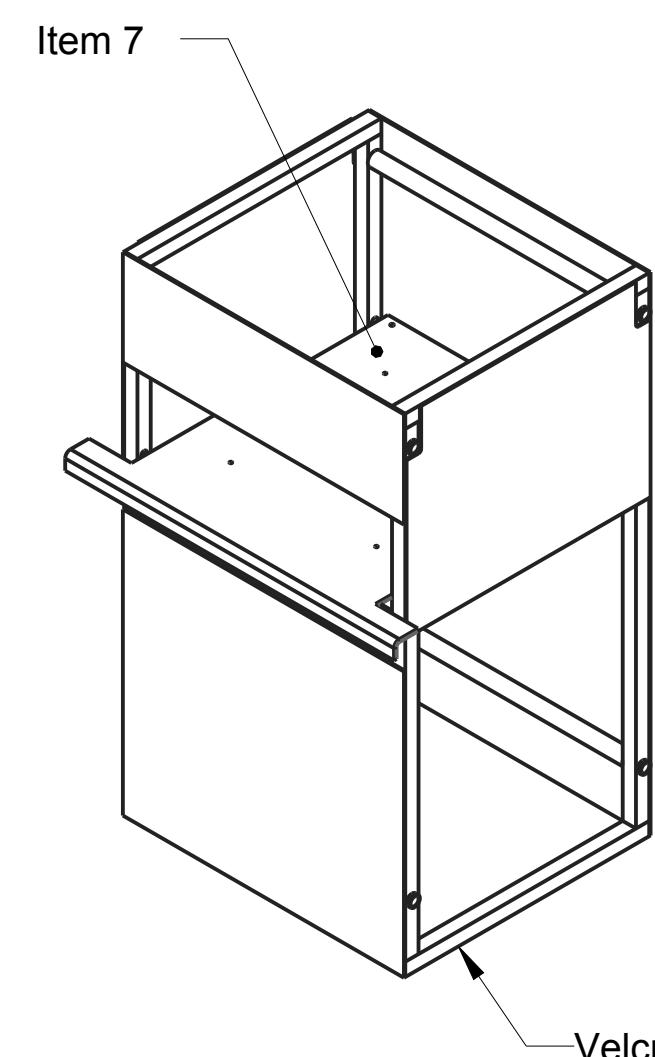


Step 3:  
Peel the protective plastic from the hook velcro on Items 3, 4 and 5. Push the plastic firmly in place as shown.



Step 4:

Rivet Item 9 to Item 7. Rivet head should be on the plastic side of the assembly.



Step 5:

- Place Item 7 on to Item 9 as shown. Secure with cable ties. Shelf should freely rotate when complete.
- Attach 1" hook fastener, adhesive backed to the bottom surface of the side frames.

	<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 5:64	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	Hopper, Container	
DO NOT SCALE	PROJECT	MODEL NAME	GE-17254
		ISSUE	

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## Hopper Frame

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ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17255-01	2	Tube	
2	GE-17255-02	2	Tube	
3	GE-17255-03	4	Pin	

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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 7:96	SHEET 1 OF 4
TITLE		
Hopper Frame		
PROJECT		MODEL NAME
		GE-17255
ISSUE		

DO NOT SCALE

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MODEL NAME  
GE-17255TITLE  
Hopper Frame

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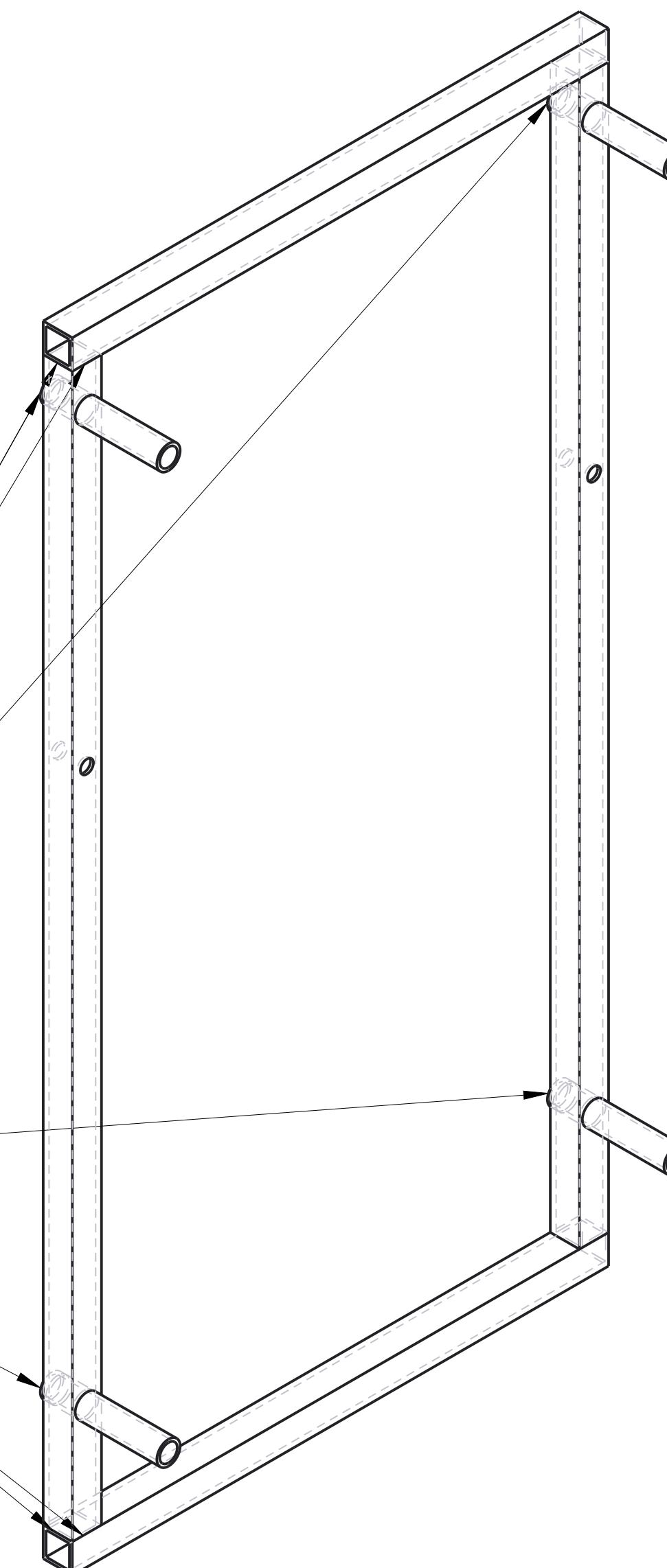
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		CHECKED BY	DATE
		APPROVED BY	DATE
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	TITLE <b>Hopper Frame</b>	PROJECT	MODEL NAME GE-17255
DO NOT SCALE			ISSUE

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ASME STANDARD,INCH

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MODEL NAME  
GE-17255

TITLE  
Hopper Frame

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SCALE 1:8

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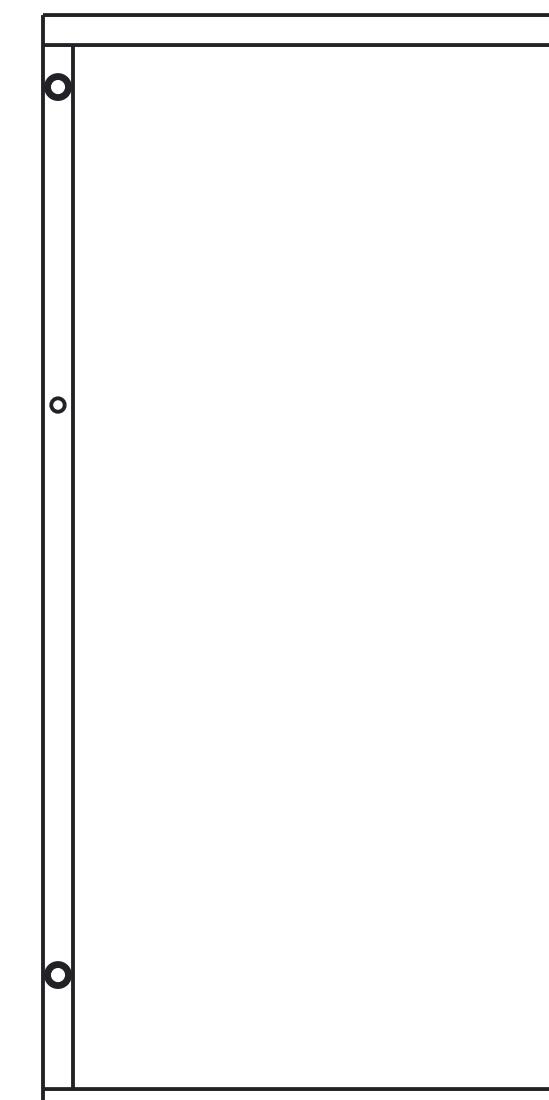
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		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1			DO NOT SCALE
TITLE <b>Hopper Frame</b>			PROJECT
MODEL NAME <b>GE-17255</b>			ISSUE

1

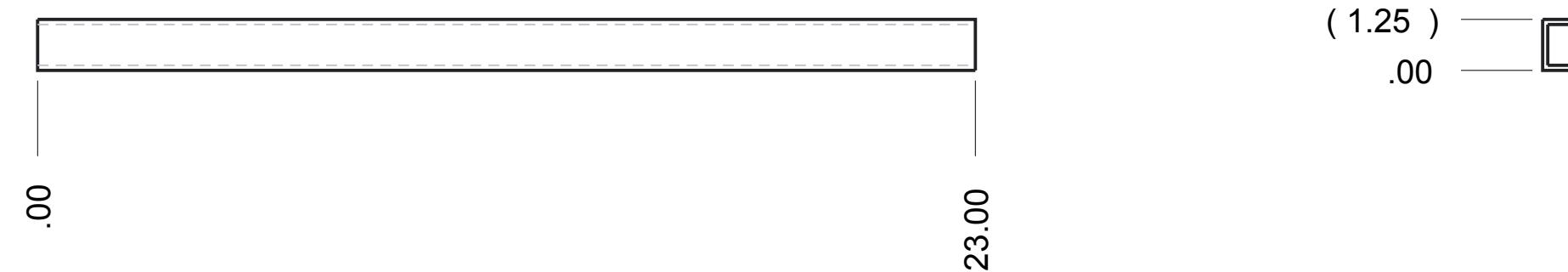
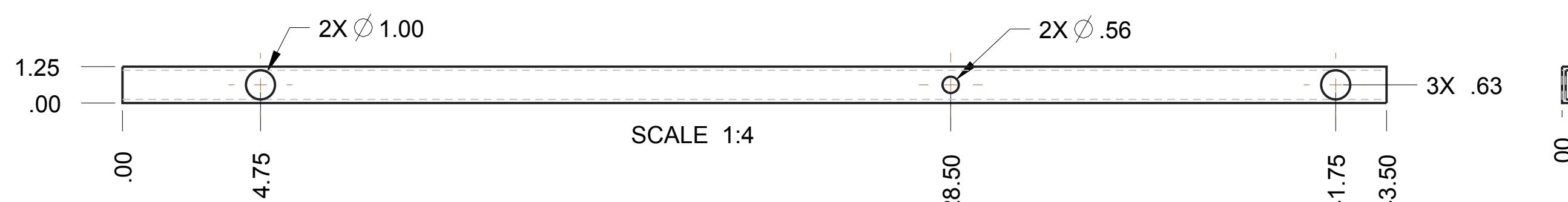
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3

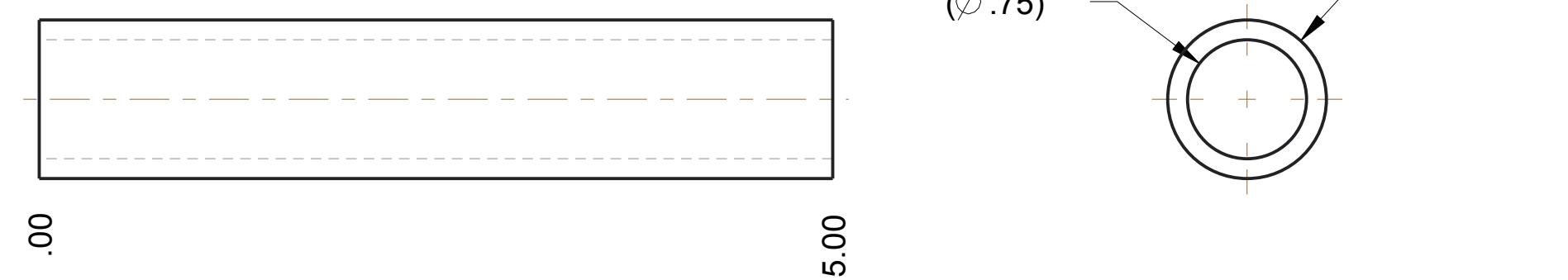
4

MODEL NAME  
GE-17255TITLE  
Hopper Frame

Part Number: GE-17255-01  
 Material: 1.25 x .125 6063 Aluminium Square Tube  
 QTY: 2



Part Number: GE-17255-02  
 Material: 1.25x .125 Square Aluminium 6063 Tube  
 QTY: 2



Part Number: GE-17255-03  
 Material: 1x.125" Aluminium Tube  
 QTY: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.X +/- .0001 ANG +/- 1	TITLE <b>Hopper Frame</b>	PROJECT	MODEL NAME GE-17255
DO NOT SCALE	ISSUE		

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MODEL NAME  
GE-17256

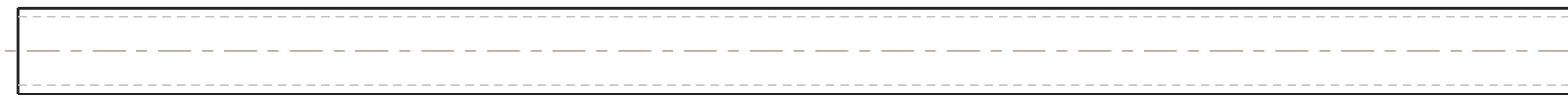
TITLE  
Support, Hopper

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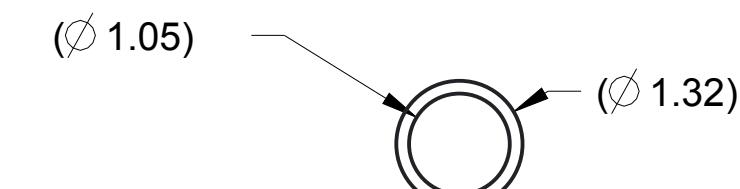
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SCALE 1:2

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24.00



Part Number: GE-17256  
Material: 1" Sched 40 Aluminum Pipe

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		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 +/- 0.01 XXX +/- 0.001 ANG +/- 1	TITLE <b>Support, Hopper</b>	PROJECT	MODEL NAME GE-17256
DO NOT SCALE			ISSUE

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ASME STANDARD,INCH

1

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MODEL NAME  
GE-17257TITLE  
Hopper Plastic Back

D

46.00



26.50

(.125)



Part Number: GE-17257  
Material: .125" Clear Polycarbonate Sheet

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
SCALE 1:8			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	Hopper Plastic Back
PROJECT		MODEL NAME	GE-17257
ISSUE			

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ASME STANDARD,INCH

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MODEL NAME GE-17258	TITLE SIDE PLASTIC, HOPPER
------------------------	-------------------------------

REV	ZONE	DESCRIPTION	DATE	INITIALS
A	B-1, A-4	REMOVED NOTCH, ADDED TITLE	12/8/2016	DAF

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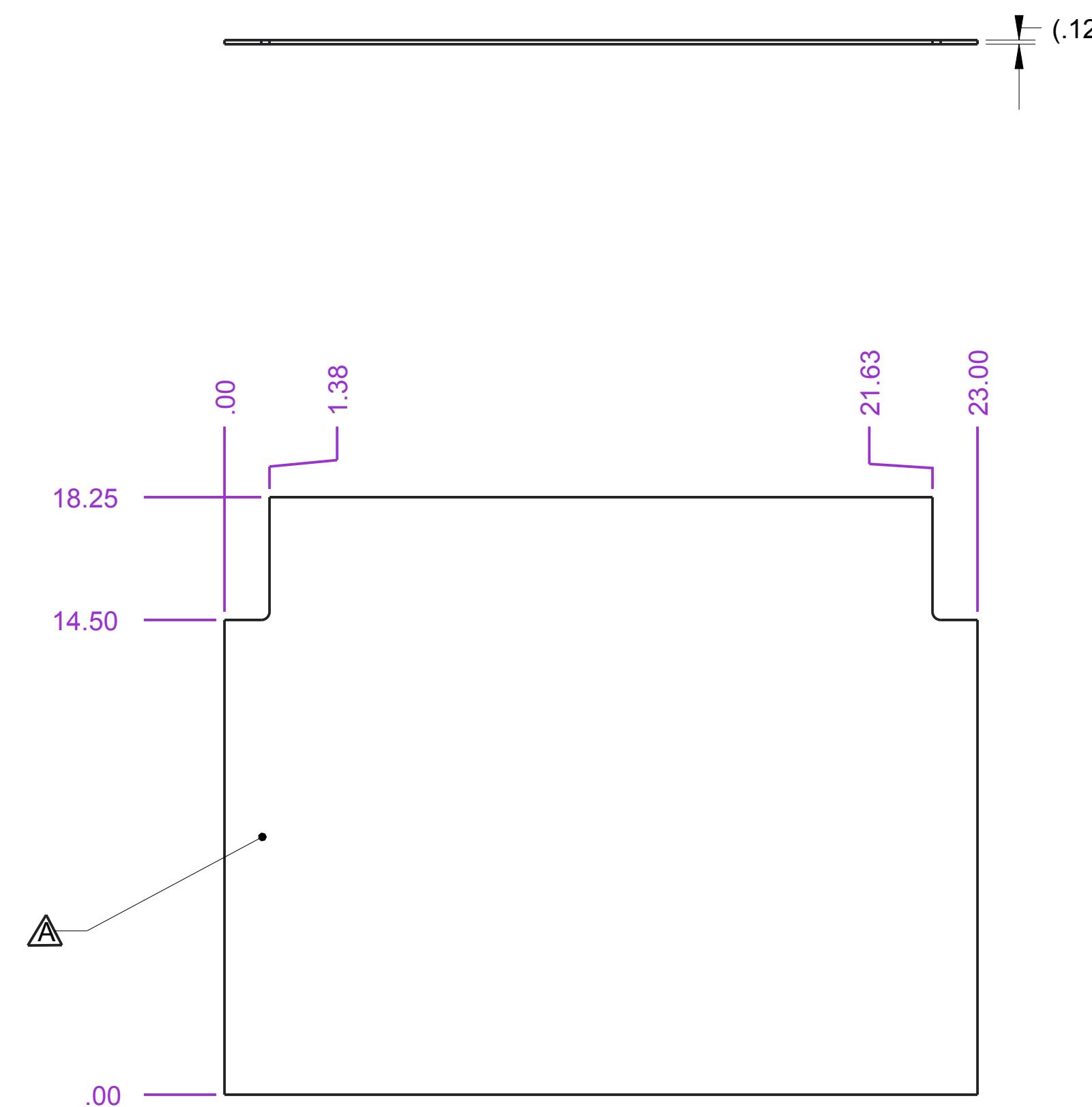
C

B

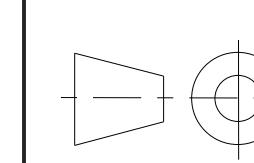
B

A

A



Part Number: GE-17258  
Material: .125" Clear Polycarbonate Sheet

 	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 7:64	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 SIDE PLASTIC, HOPPER	
DO NOT SCALE	PROJECT	MODEL NAME GE-17258
	ISSUE	

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ASME STANDARD, INCH

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MODEL NAME GE-17259	TITLE Front Plastic 1, Hopper
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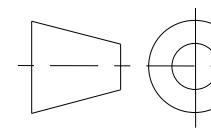
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0.00  
9.00

26.50

(.125)

SCALE 1:2

Part Number: GE-17259  
.125" Clear Polycarbonate Sheet

		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.XX +/- 0.001 ANG +/- 1	SCALE 1:6 SHEET 1 OF 1		
DO NOT SCALE	TITLE Front Plastic 1, Hopper		
	PROJECT	MODEL NAME	ISSUE
		GE-17259	

1

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4

ASME STANDARD,INCH

MODEL NAME GE-17260	TITLE Hopper Polycarbonate Bottom
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Revision A	Zone C-1	Description 25.00 was 19.00	Date 12/8/2016	Initials DAF
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△ 25.00

.00

SCALE 1:4

26.50

Part Number: GE-17260  
Material: .125" Clear Polycarbonate Sheet

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:6	SHEET 1 OF 1
<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1</small>		TITLE Hopper Polycarbonate Bottom	
DO NOT SCALE		PROJECT	MODEL NAME GE-17260
		ISSUE	

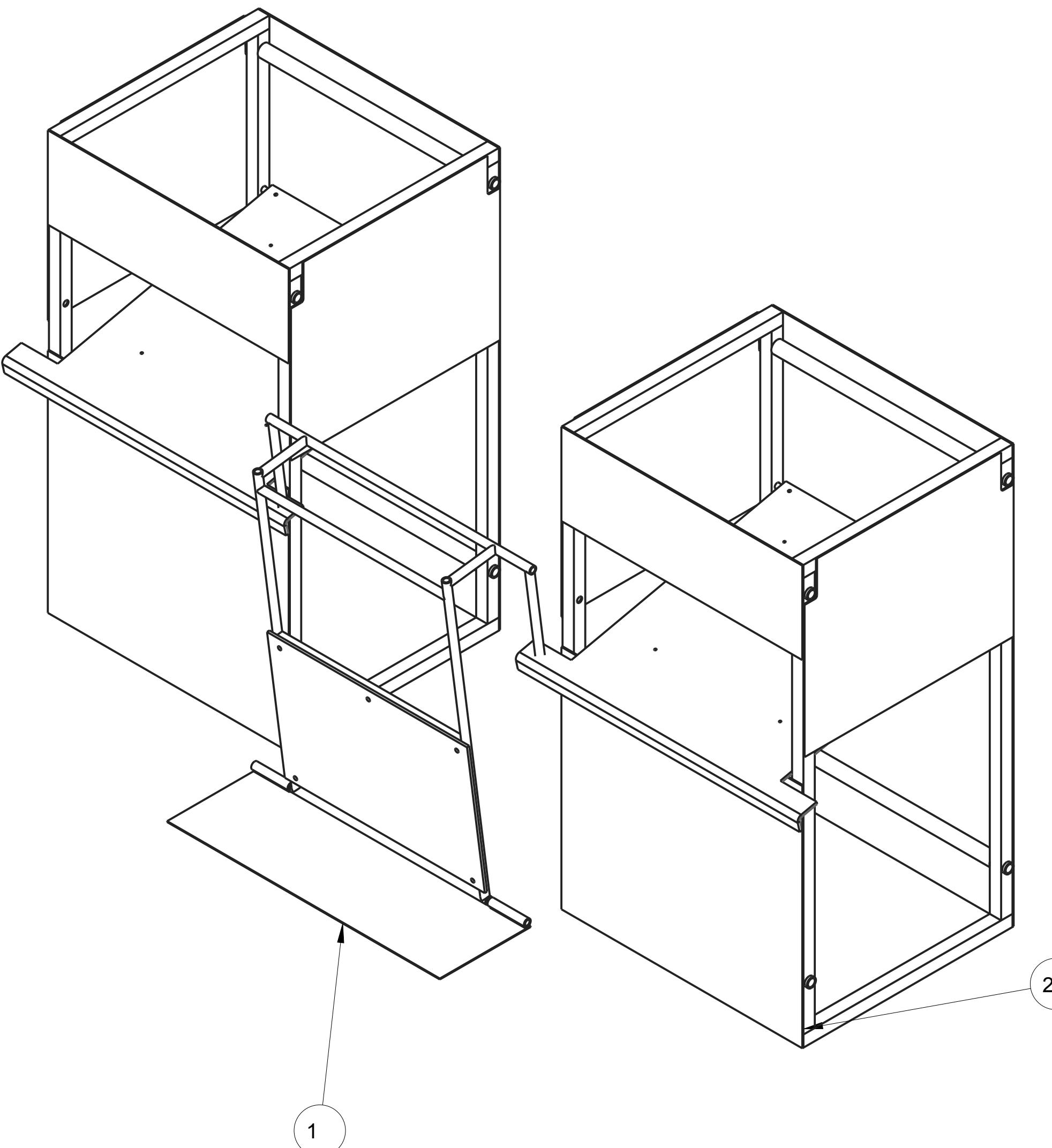
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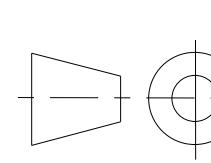
3

4

MODEL NAME GE-17261	TITLE Hopper
------------------------	-----------------



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17250	1	Hopper Actuator	
2	GE-17254	2	Hopper, Container	

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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:24 SHEET 1 OF 2	
<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1</small>		<small>TITLE Hopper</small>	
<small>PROJECT</small>		<small>MODEL NAME GE-17261</small>	<small>ISSUE</small>

1

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3

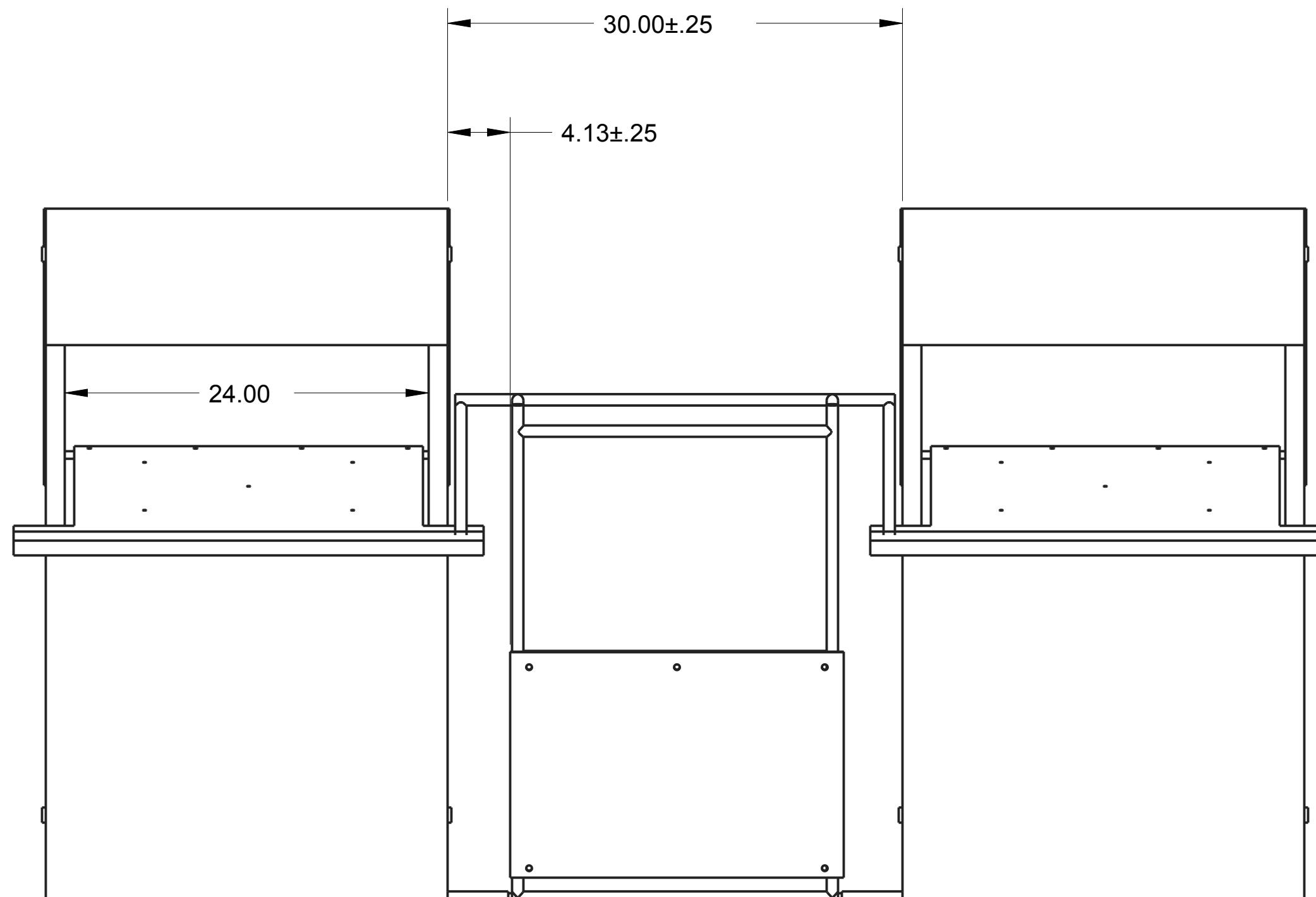
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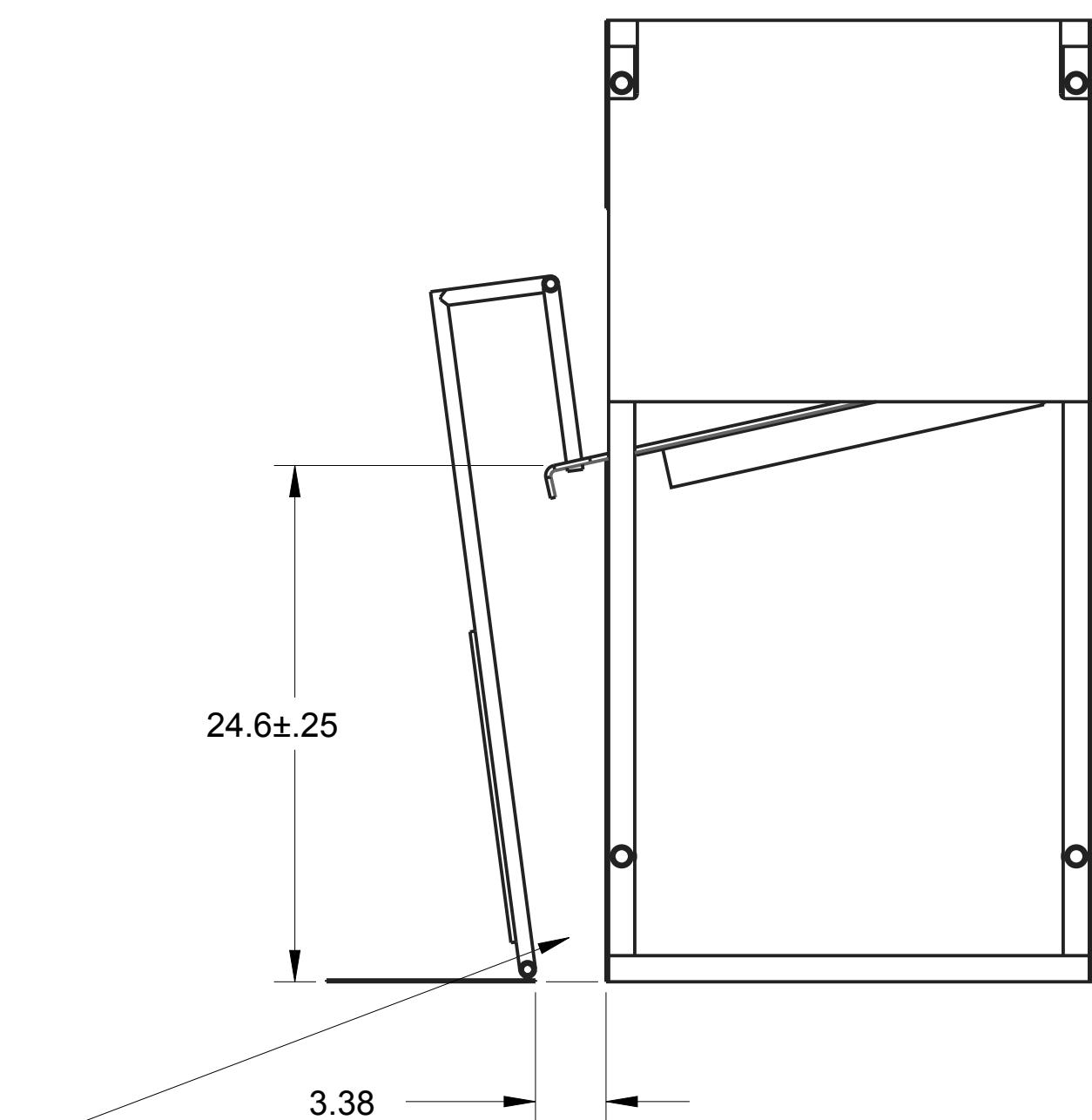
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MODEL NAME  
GE-17261TITLE  
Hopper

Field Border run in between Items 1 and 2.



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	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:8	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	Hopper
DO NOT SCALE	PROJECT	MODEL NAME GE-17261
		ISSUE

1

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4

MODEL NAME  
GE-17262\_REV BTITLE  
Hopper Ramp

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
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DO NOT SCALE	TITLE Hopper Ramp		
PROJECT		MODEL NAME	GE-17262_REV B

MODEL NAME: GE-17262 REV B TITLE: Hopper Ramp

Part Number: GE-17262  
Material: .25 Clear Polycarbonate Sheet

DO NOT SCALE

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
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TITLE		Hopper Ramp	
PROJECT		MODEL NAME	ISSUE
		GE-17262_REV B	

1

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MODEL NAME GE-17263	TITLE Hopper Pivot Rod
------------------------	---------------------------

REV A	ZONE C-2	DESCRIPTION 26.0 WAS 27.00	DATE DAF	INITIALS 12/8/2016
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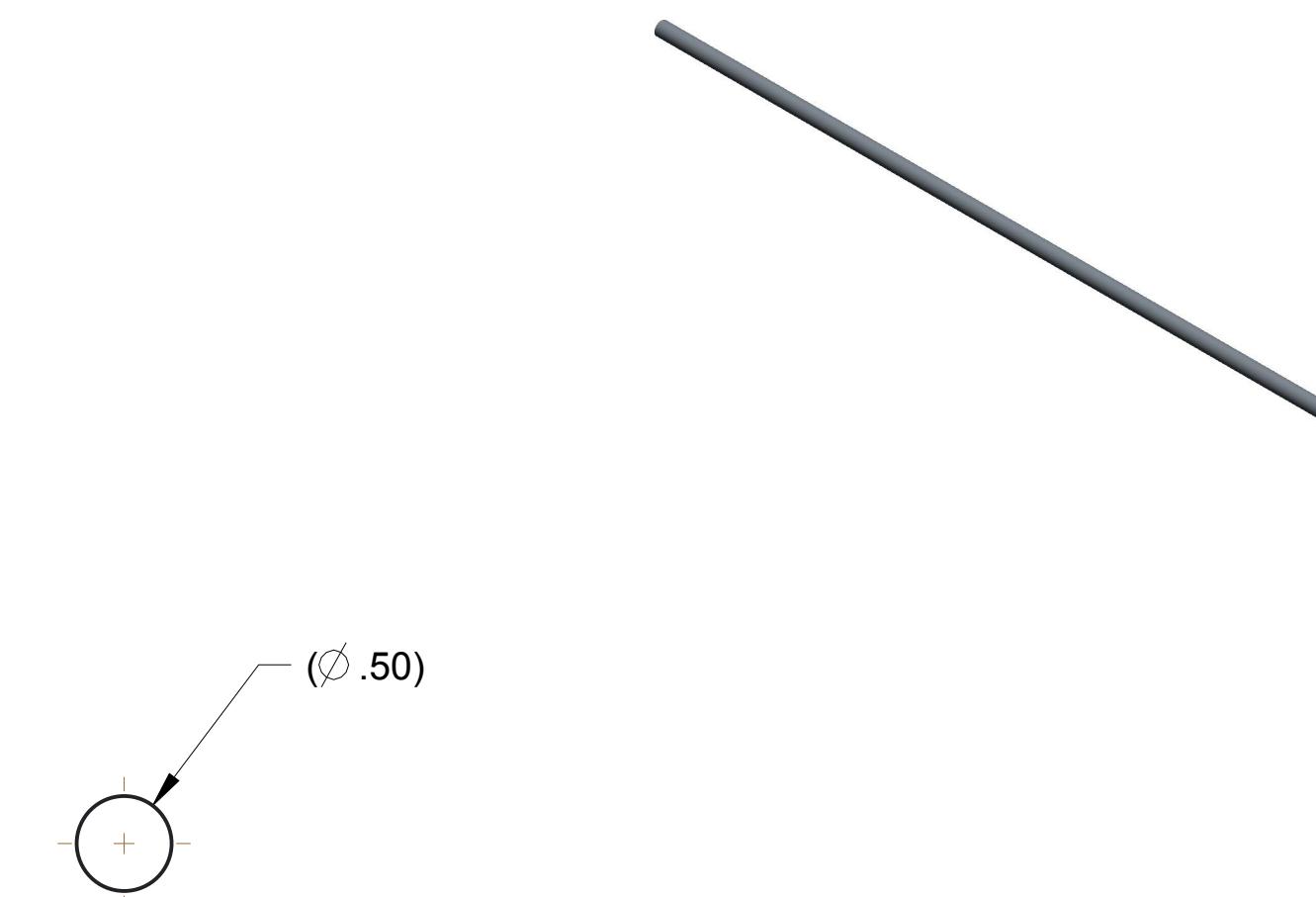
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26.00

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Part Number: GE-17263  
Material : 1/2" Round steel rod

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 19:96	SHEET 1 OF 1
DO NOT SCALE	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	TITLE Hopper Pivot Rod	
		PROJECT	MODEL NAME GE-17263
			ISSUE

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ASME STANDARD,INCH

MODEL NAME  
GE-17264

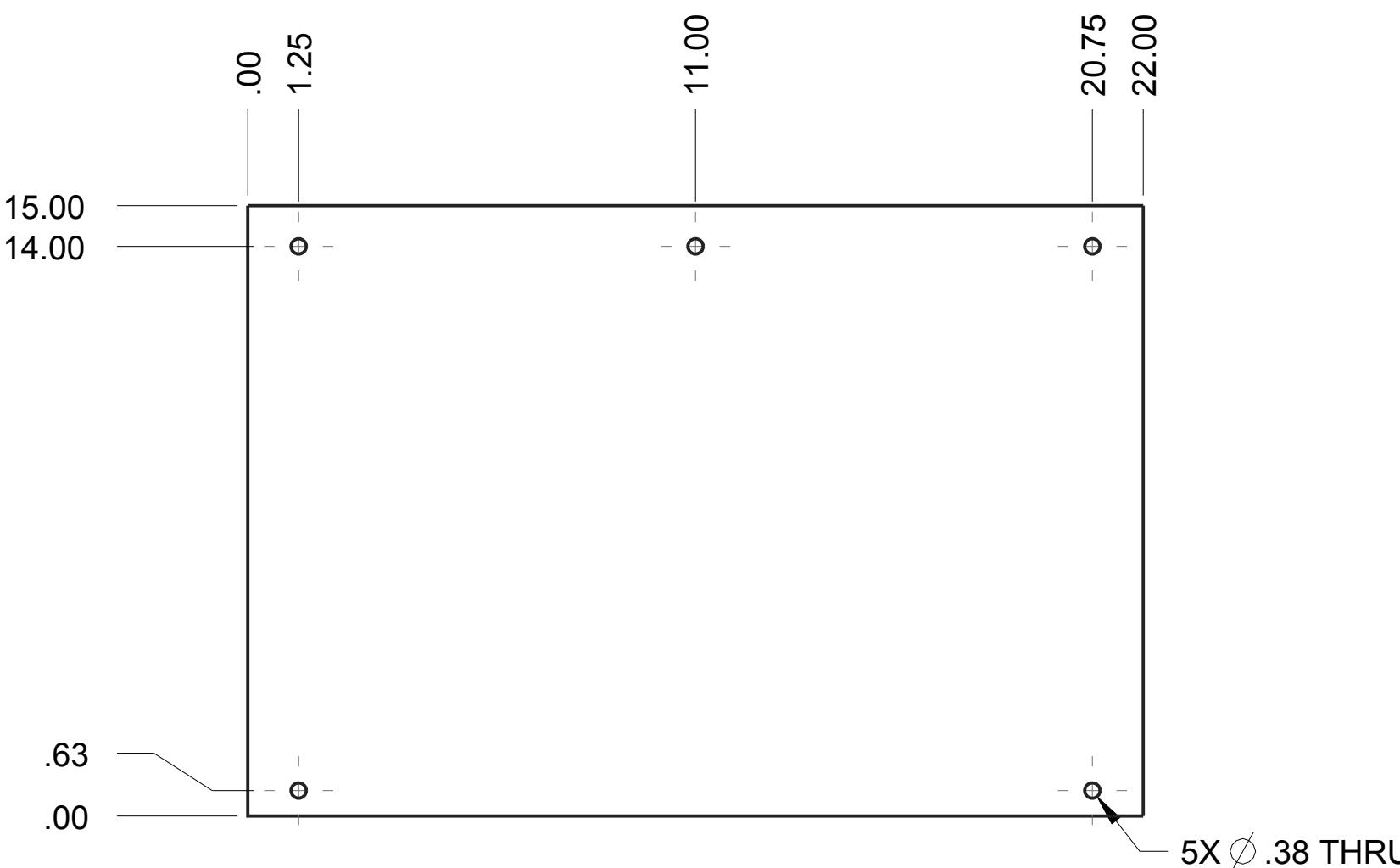
TITLE  
Push Panel

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NOTES:

1. MATERIAL: 1/4" CLEAR POLYCARBONATE
2. REMOVE ALL BURRS AND SHARP EDGES.

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
DO NOT SCALE	SCALE 1:4	SHEET 1 OF 1	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .1 XXX +/- .01 XXXX +/- .001 ANG +/- 1	TITLE Push Panel		
PROJECT	MODEL NAME	GE-17264	ISSUE

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MODEL NAME  
GE\_17285TITLE  
Ramp Support

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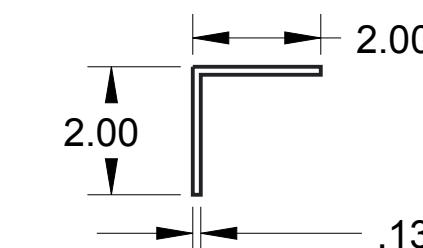
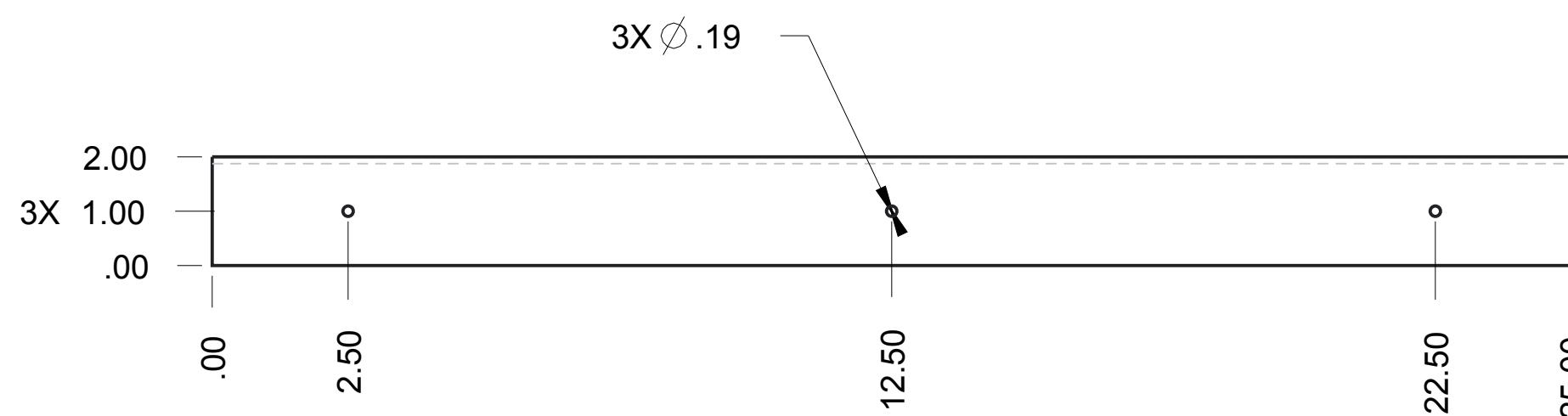
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Part Number: GE-17285  
Material: 2" 6061-T6 Aluminum Angle

		DRAWN BY	DATE
CHECKED BY		DATE	
APPROVED BY		DATE	
SCALE 1:6		SHEET 1 OF 1	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XX.X +/- .001 XXX.X +/- .001 ANG +/- 1	TITLE	Ramp Support	
DO NOT SCALE	PROJECT	MODEL NAME	GE_17285
		ISSUE	

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ASME STANDARD,INCH

MODEL NAME  
GE-17286TITLE  
Airship Foot

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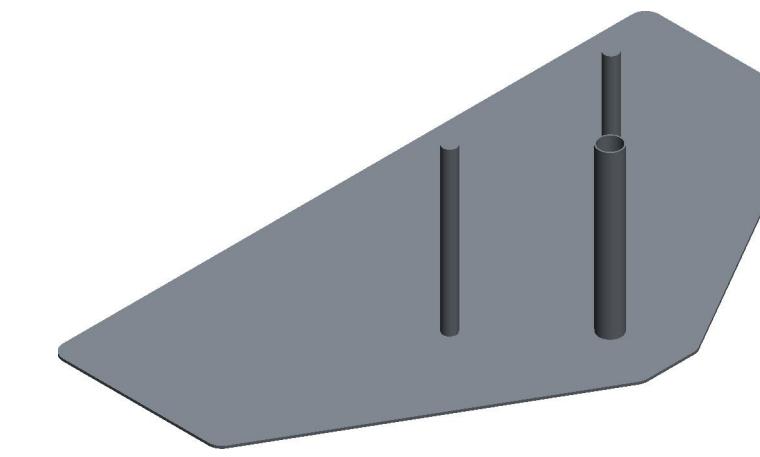
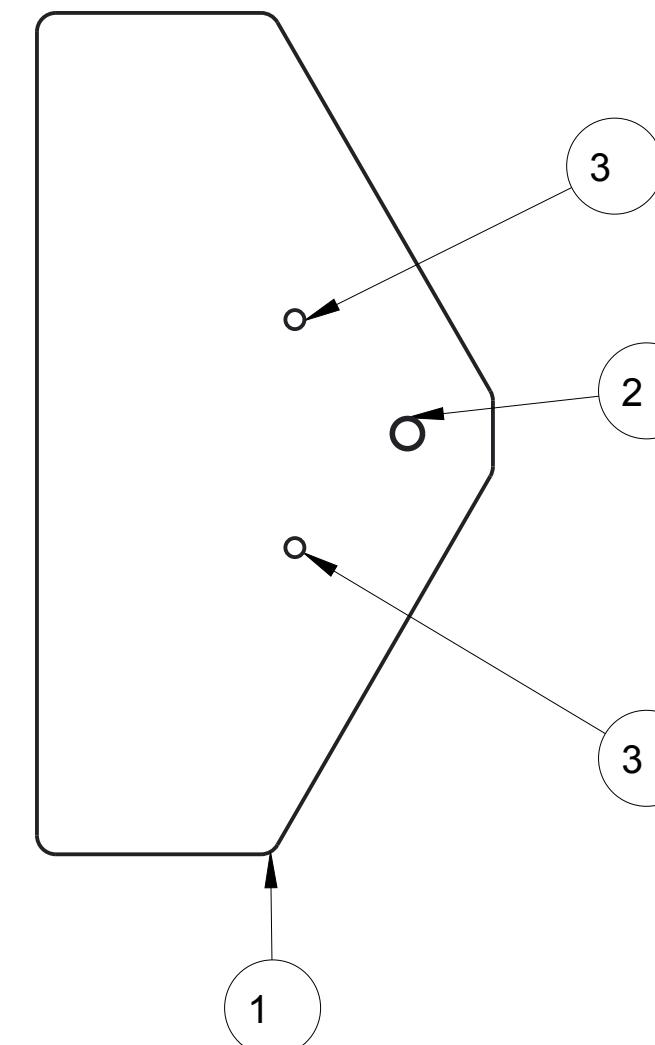
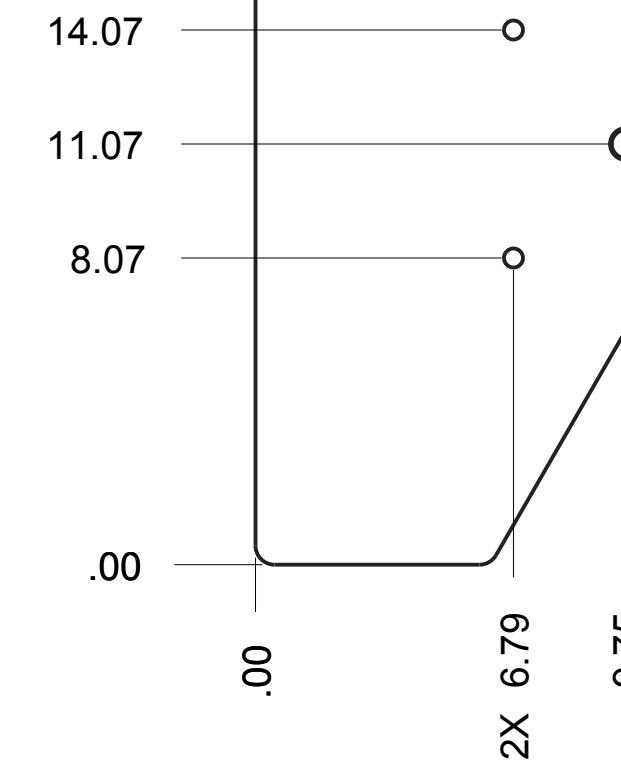
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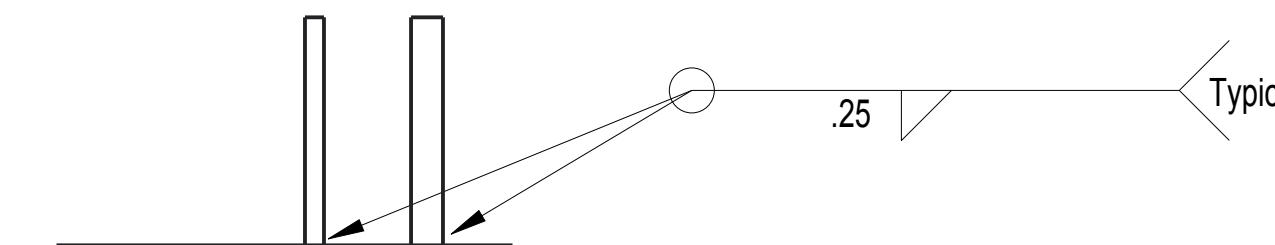
B

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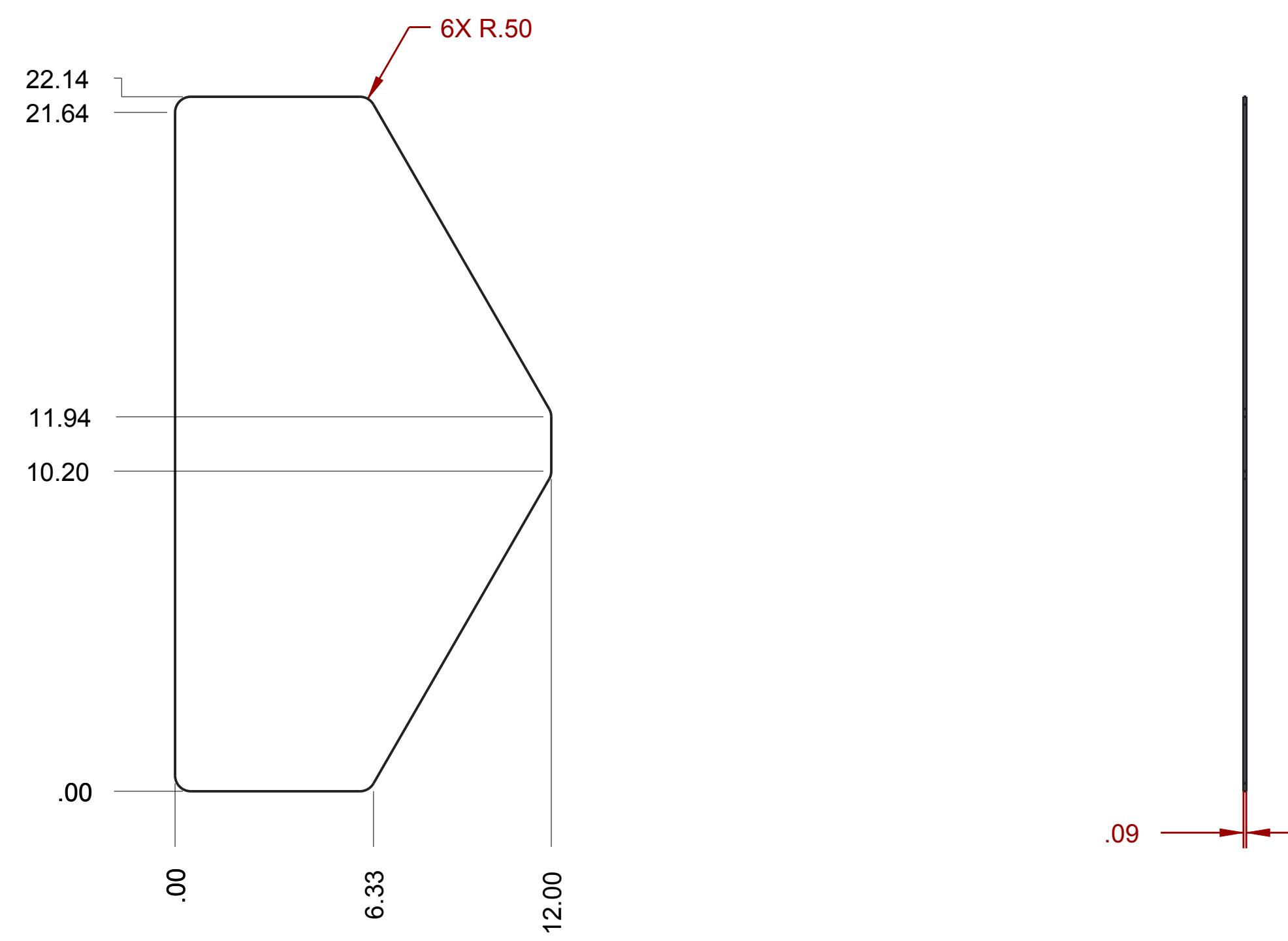
ITEM NO	PART NUMBER	QTY
1	GE-17286-01	1
2	GE-17286-02	1
3	GE-17286-03	2



		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
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DO NOT SCALE	SCALE 19:96 SHEET 1 OF 3		
TITLE		Airship Foot	
PROJECT		MODEL NAME	GE-17286
ISSUE			

MODEL NAME GE-17286	TITLE Airship Foot
------------------------	-----------------------

Part Number: GE-17286-01  
 Material: 13 Gage Steel Sheet  
 QTY: 1



DRAWN BY	FIRST	DATE	
		CHECKED BY	DATE
		APPROVED BY	DATE
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DO NOT SCALE	TITLE Airship Foot	PROJECT	MODEL NAME GE-17286
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.X +/- 0.001 ANG +/- 1	ISSUE		

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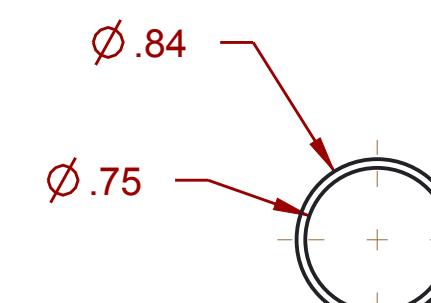
MODEL NAME  
GE-17286TITLE  
Airship Foot

.00

6.00

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6.00



Part Number: GE-17286-02  
Material: Nominal 1/2" Steel Tube  
QTY: 1



Part Number: GE-17286-03  
Material: 1/2" Steel Round Stock  
QTY: 2

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 19:96	SHEET 3 OF 3
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DO NOT SCALE	TITLE <b>Airship Foot</b>	
PROJECT	MODEL NAME GE-17286	ISSUE

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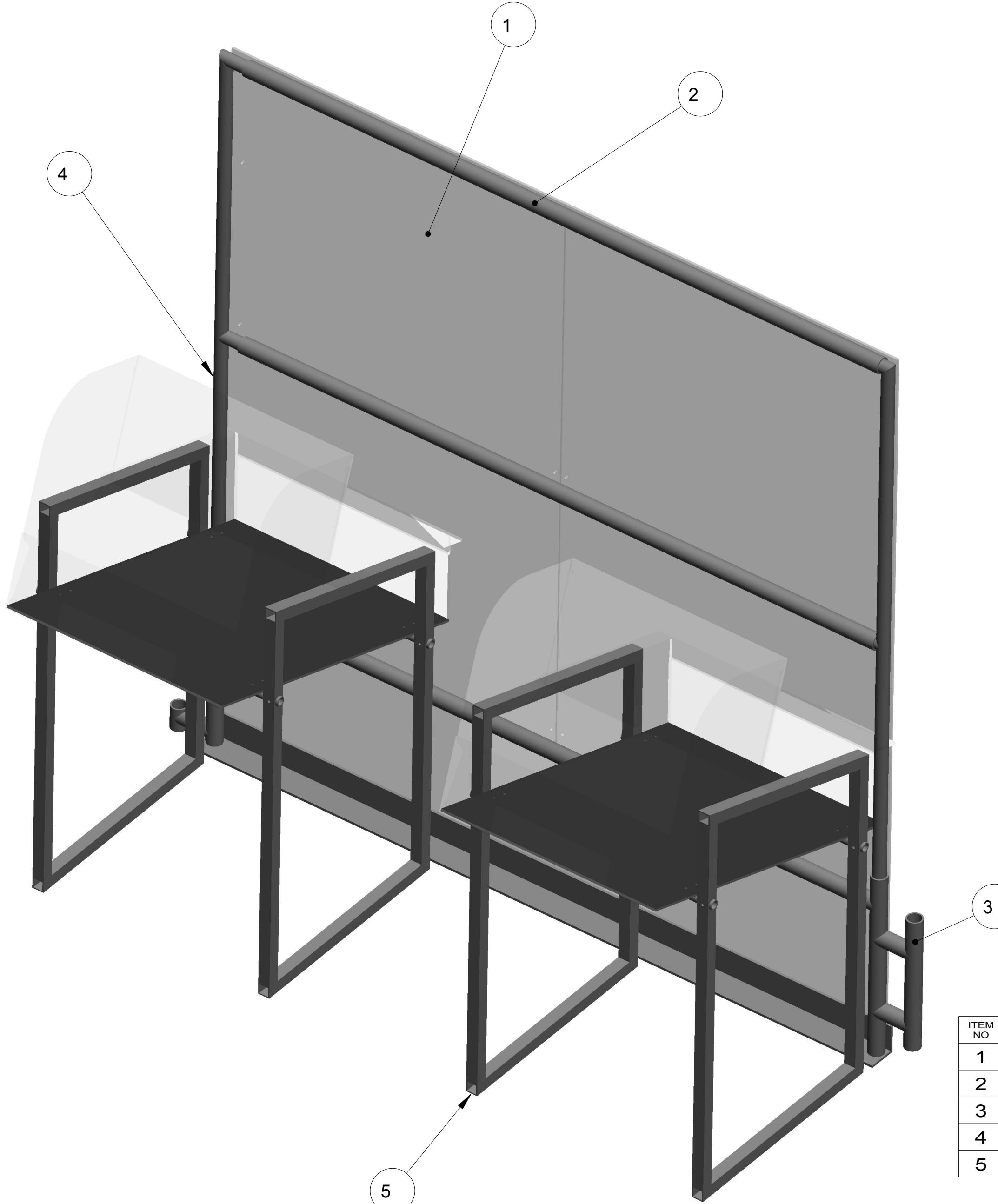
B

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MODEL NAME  
GE-17298

TITLE  
Loading Station, Left



For assembly instructions, please refer to drawing GE-17303

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17230	2	Feeder Station Plastic	
2	GE-17236	2	Support Cross, Pipe	
3	GE-17331	1	Guardrail, Feeder Station	
4	GE-17332	2	F Frame Right	
5	GE-17363	2	Chute Assembly	

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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:8	SHEET 1 OF 1
TITLE		
Loading Station, Left		
PROJECT		MODEL NAME
		GE-17298
ISSUE		

DO NOT SCALE

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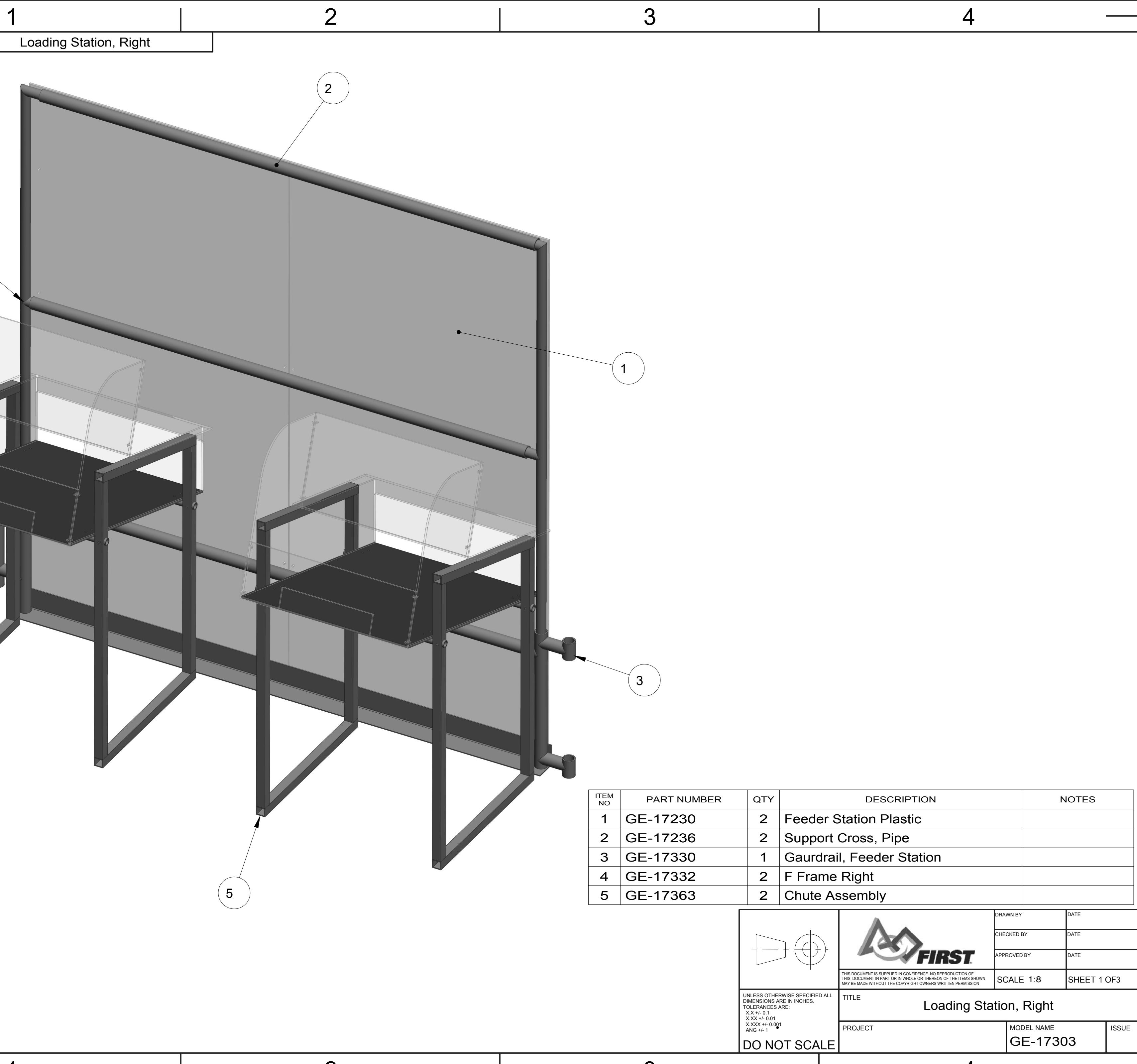
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ASME STANDARD,INCH

MODEL NAME

GE-17303

TITLE  
Loading Station, Right

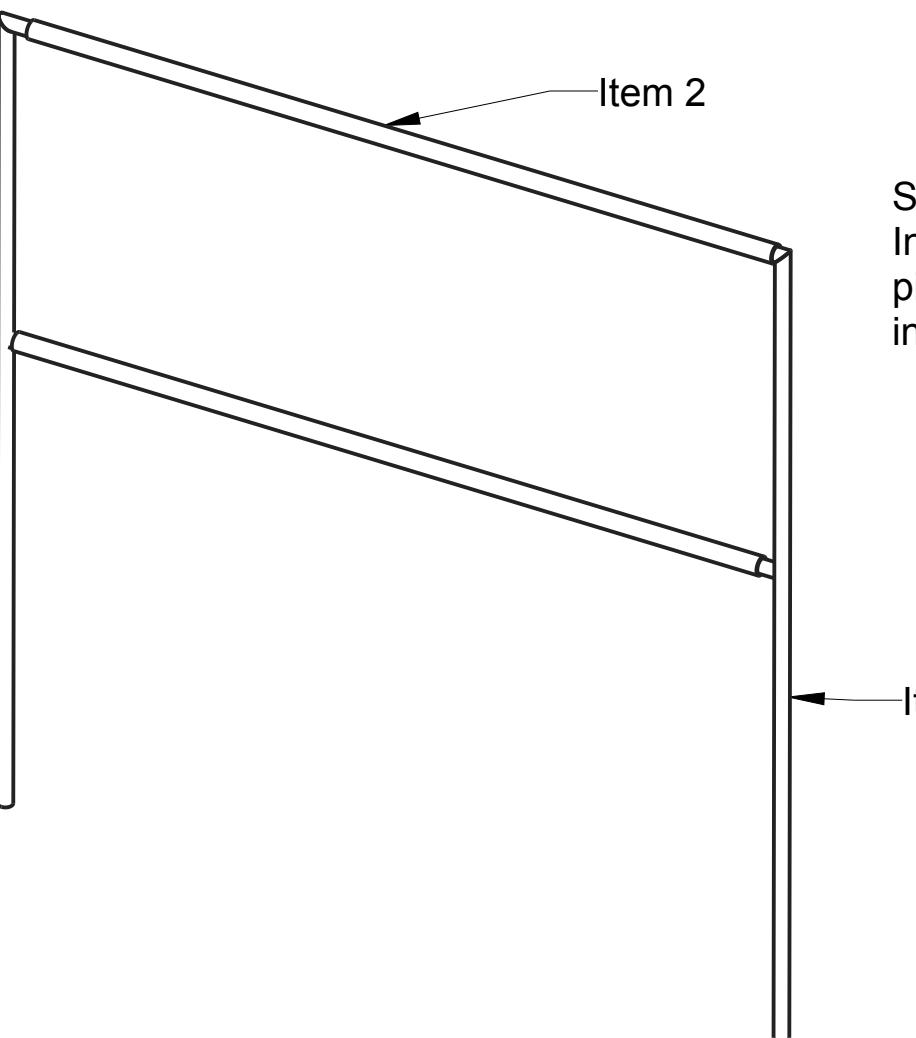
ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17230	2	Feeder Station Plastic	
2	GE-17236	2	Support Cross, Pipe	
3	GE-17330	1	Gaurdrail, Feeder Station	
4	GE-17332	2	F Frame Right	
5	GE-17363	2	Chute Assembly	

		DRAWN BY	DATE	
		CHECKED BY	DATE	
		APPROVED BY	DATE	
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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.XX +/- 0.001 ANG +/- 1		TITLE Loading Station, Right		
DO NOT SCALE		PROJECT	MODEL NAME GE-17303	ISSUE

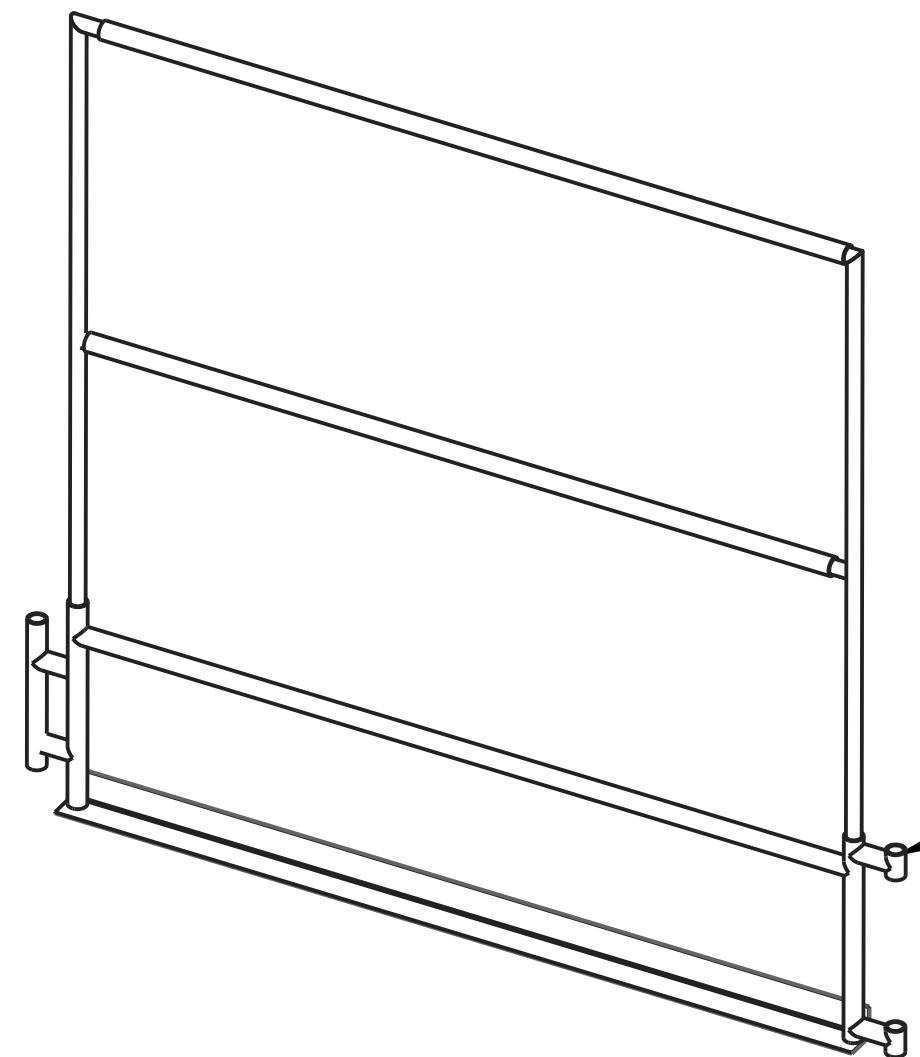
MODEL NAME: GE-17303 | TITLE: Loading Station, Right

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D



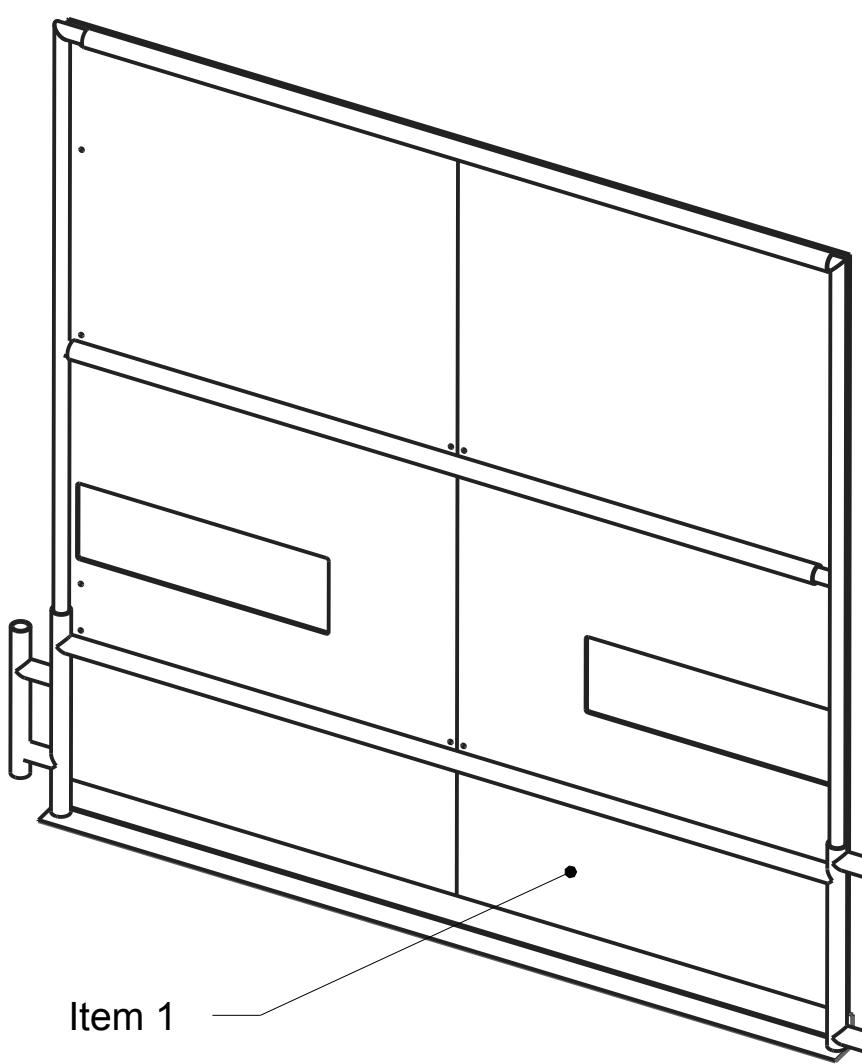
Step 1:  
Insert the horizontal pieces of Item 4 (Qty. 2) into Item 2 (Qty. 2).



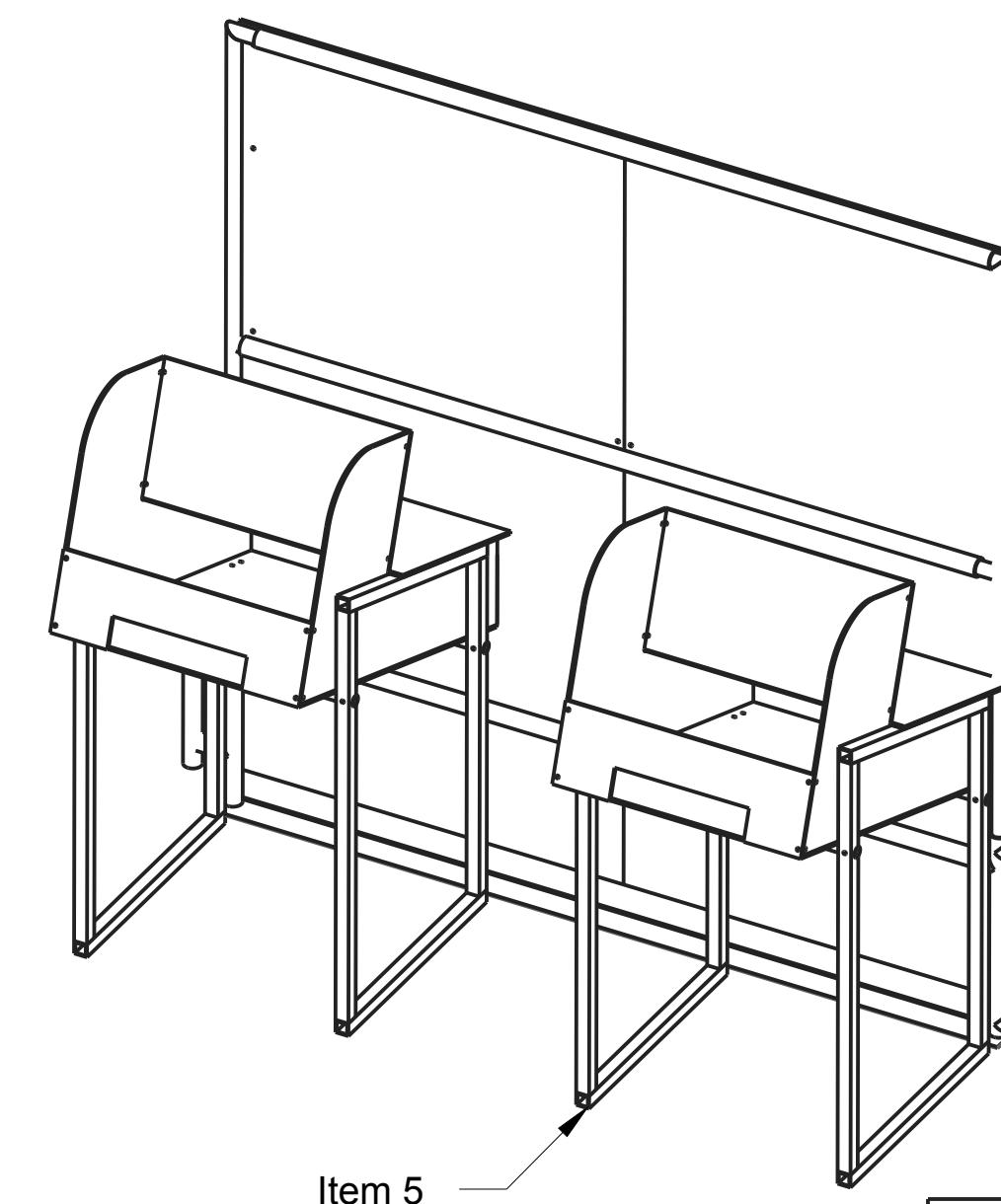
Step 2:  
Place Assembly from Step 1 into Item 3 as shown.

C

C



Step 3:  
Place Item 1 (Qty. 2) on front of item 3 as shown.  
Cable tie accordingly.



Step 4:  
Place Item 5 (Qty. 2) so that the opening of the chute aligns to the opening in Item 1 (Qty. 2).

		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			
DO NOT SCALE		TITLE	Loading Station, Right
PROJECT		MODEL NAME	GE-17303
ISSUE			

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MODEL NAME  
GE-17303TITLE  
Loading Station, Right

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D

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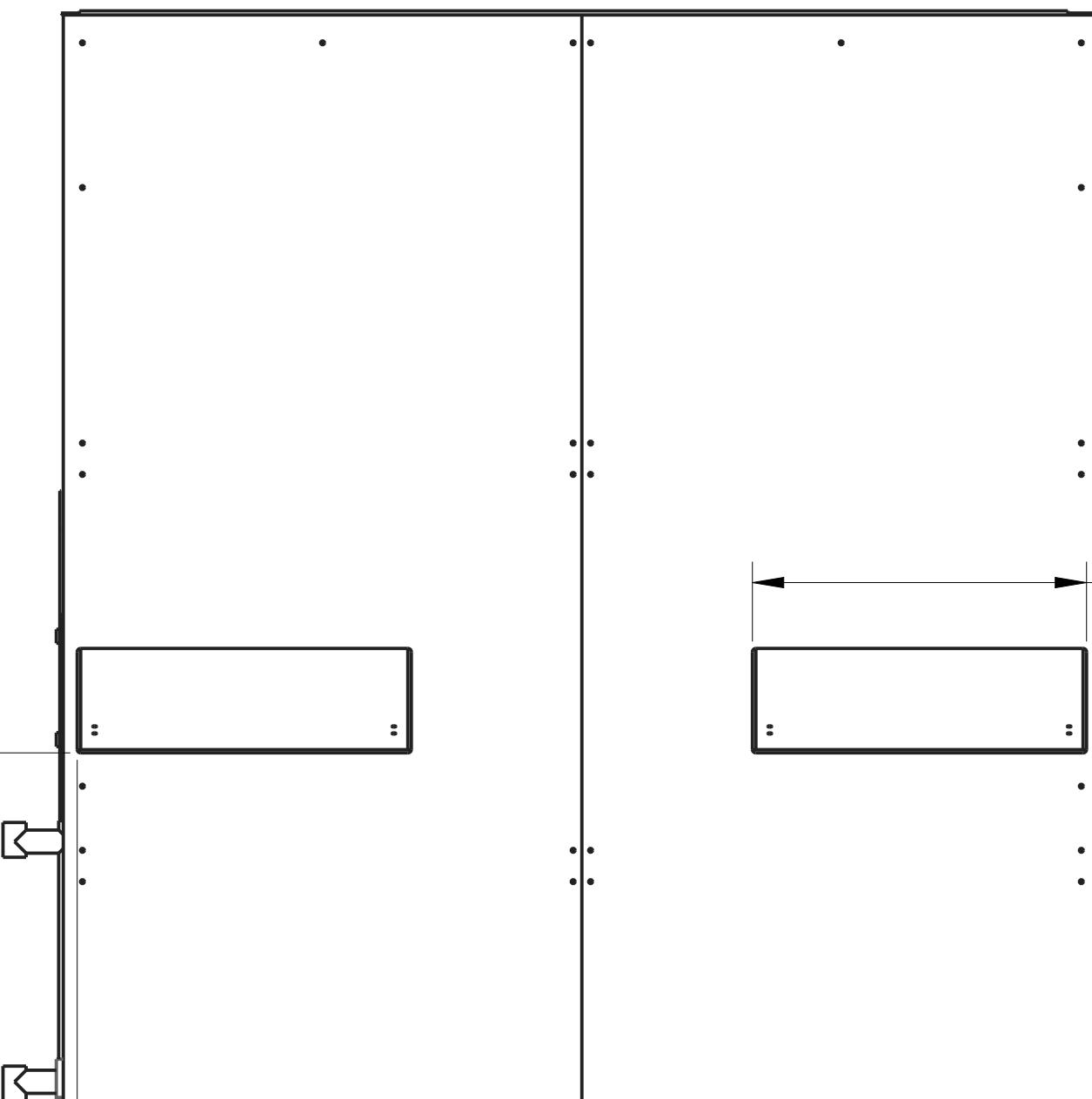
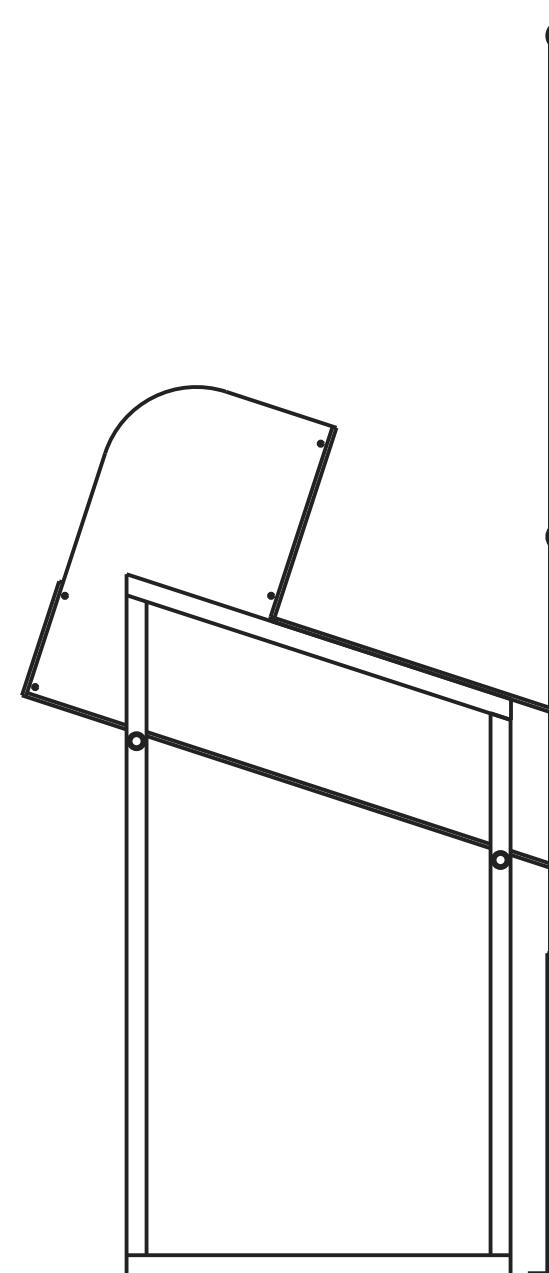
C

B

B

A

A



24.00±.13

25.00±.13

1.33±.25

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:12	SHEET 3 OF 3
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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
DO NOT SCALE		Loading Station, Right
PROJECT		MODEL NAME
		GE-17303
ISSUE		

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MODEL NAME  
GE-17306

TITLE  
Alliance Plastic

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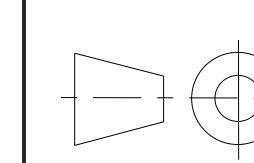
27.50  
30.00

SCALE 1:8

(.25)

R.250

Material: .25 Polycarbonate Sheet Clear

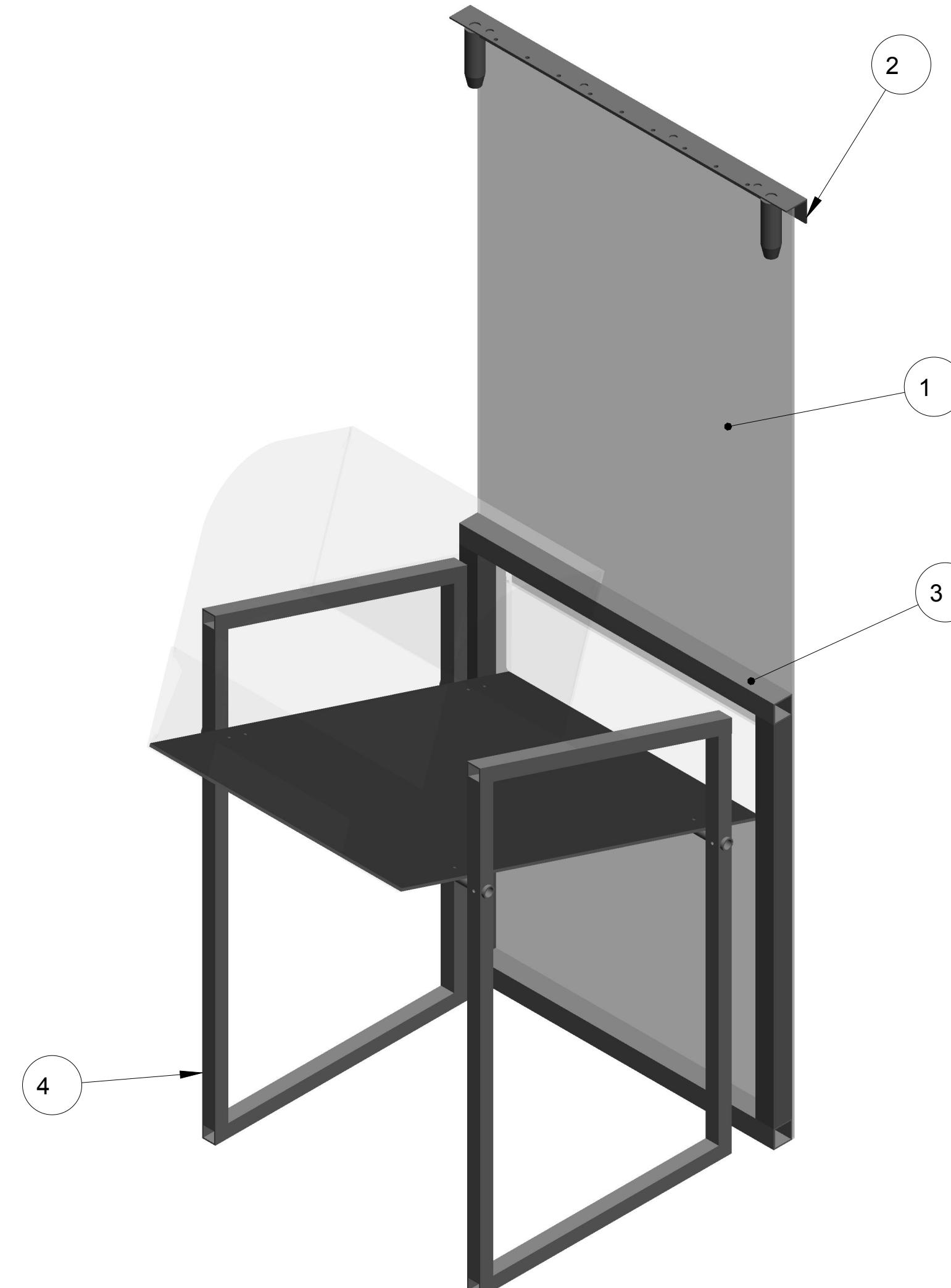
	 <b>FIRST</b>	DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
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SHEET 1 OF 1			
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1		TITLE	Alliance Plastic
DO NOT SCALE		PROJECT	MODEL NAME GE-17306
			ISSUE

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MODEL NAME  
GE-17307TITLE  
Return Loading Station

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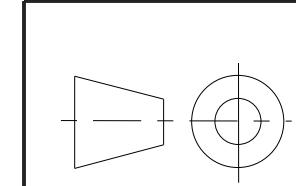
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ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17306	1	Alliance Plastic	
2	GE-17356	1	Field Top Rail	
3	GE-17358	1	Alliance Station Frame	
4	GE-17363	1	Chute Assembly	

		DRAWN BY	DATE	
		CHECKED BY	DATE	
		APPROVED BY	DATE	
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SCALE 3:64		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	Return Loading Station	
DO NOT SCALE		PROJECT	MODEL NAME	ISSUE
		GE-17307		

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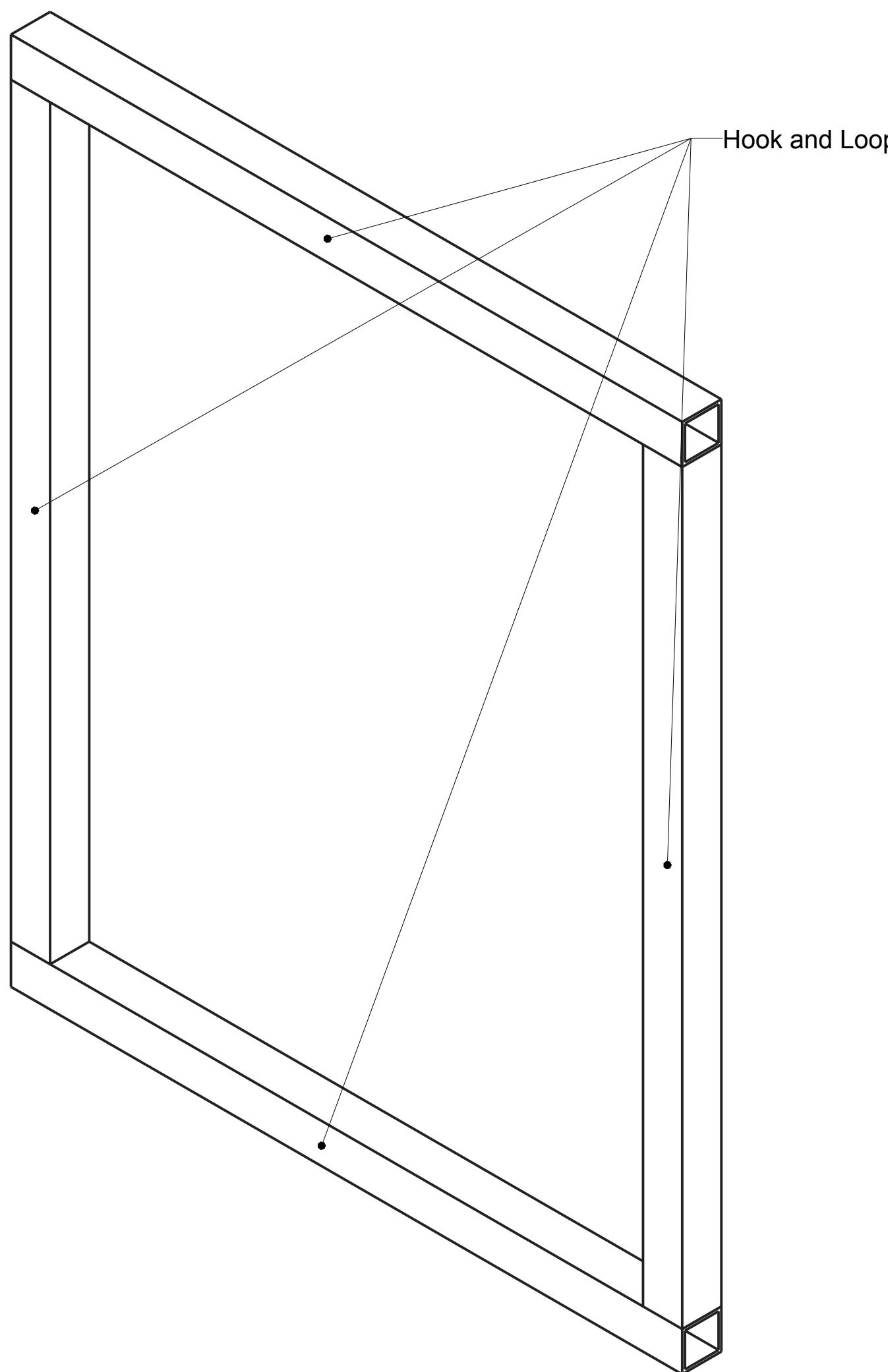
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ASME STANDARD,INCH

MODEL NAME  
GE-17307

TITLE  
Return Loading Station

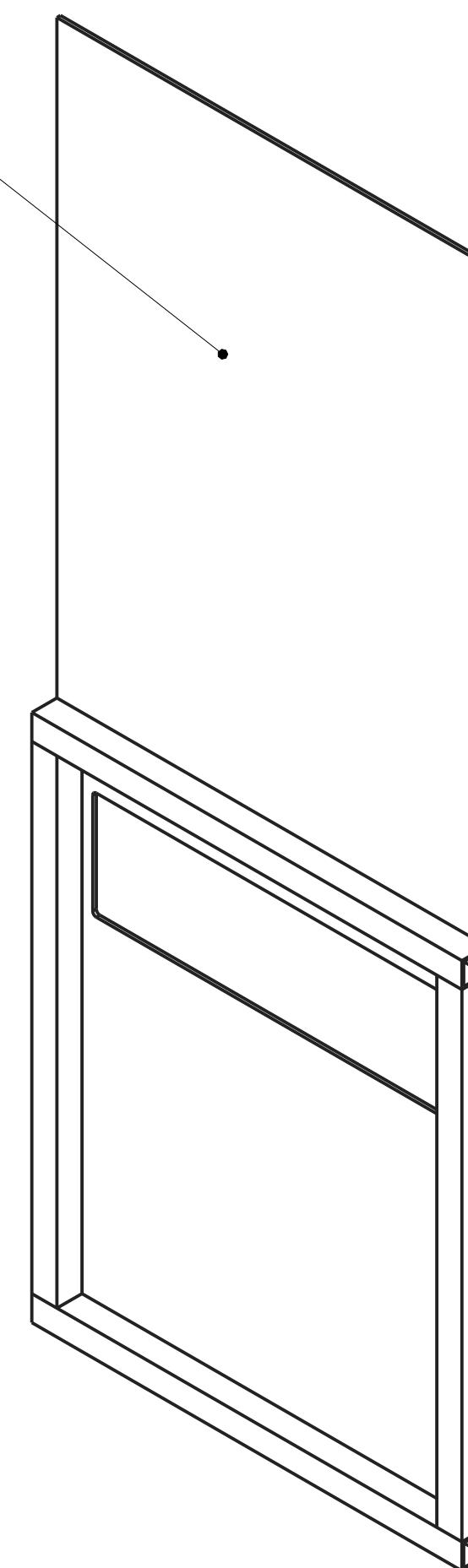
Item 1



Step:1

- Apply adhesive backed hook fastener to all surfaces shown.
- Attach loop fastener to the hook fastener applied in Step 1A. Do not remove the plastic covering from the adhesive.
- Insert Item 1 into the correct location in the alliance wall (See Drawing FE-00040)

Item 2



Step 2:  
Remove protective plastic from the adhesive backing of the loop fastener applied in Step 1. Firmly press Item 2 on to the adhesive surface in the orientation shown.

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 3:64	SHEET 2 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1	TITLE Return Loading Station	
DO NOT SCALE	PROJECT	MODEL NAME GE-17307
		ISSUE

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MODEL NAME GE-17307	TITLE Return Loading Station
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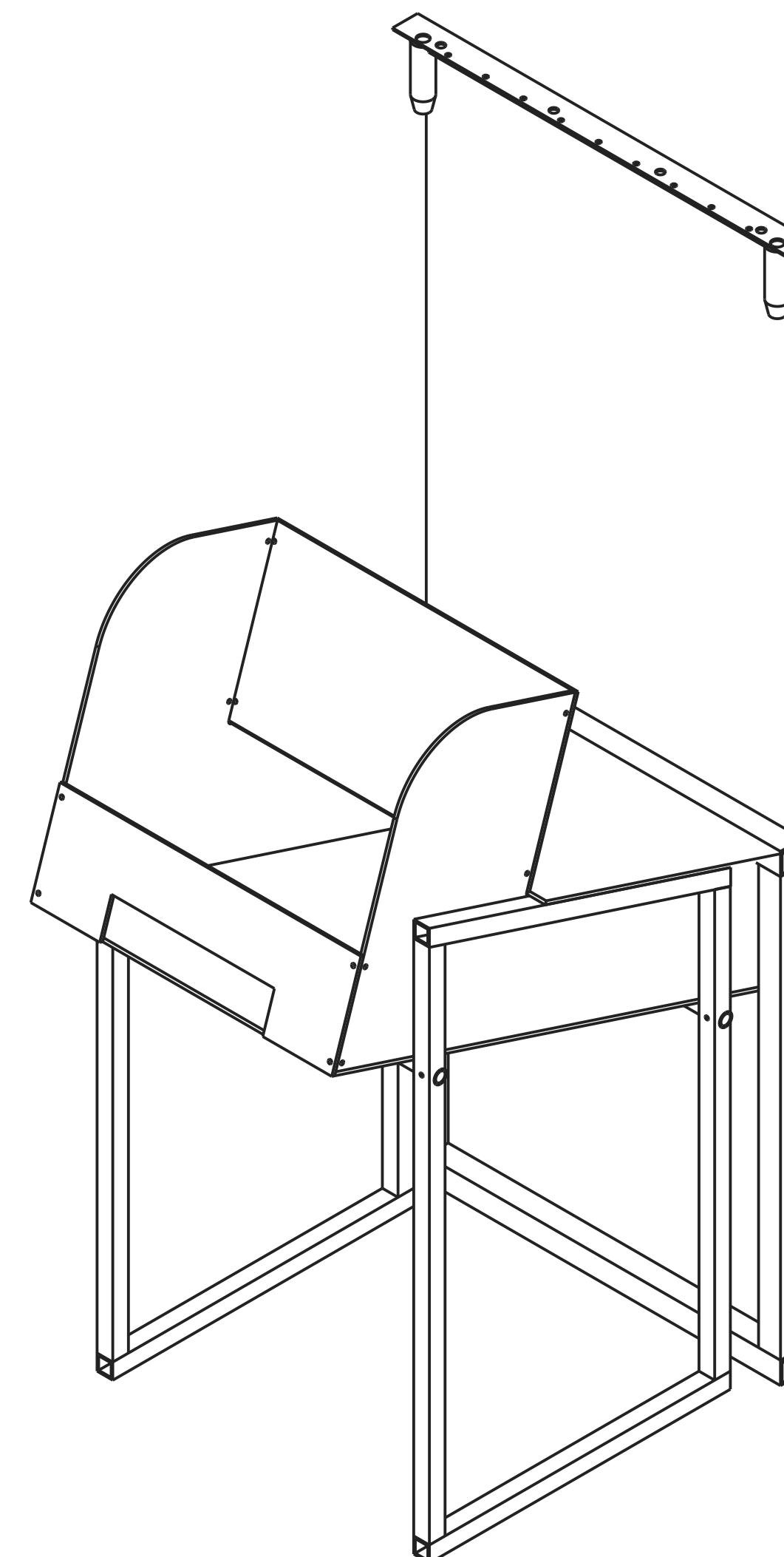
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Step 3:

A. Secure Item 2 at the top by inserting Item 3 into the uprights located in the alliance wall. Please refer to drawing FE-00040.

B. Place Item 4 as shown so that the chute is centered in the window of Item 2.

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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 +/- 0.01 XXX +/- 0.001 ANG +/- 1	TITLE Return Loading Station	
DO NOT SCALE	PROJECT	MODEL NAME GE-17307
		ISSUE

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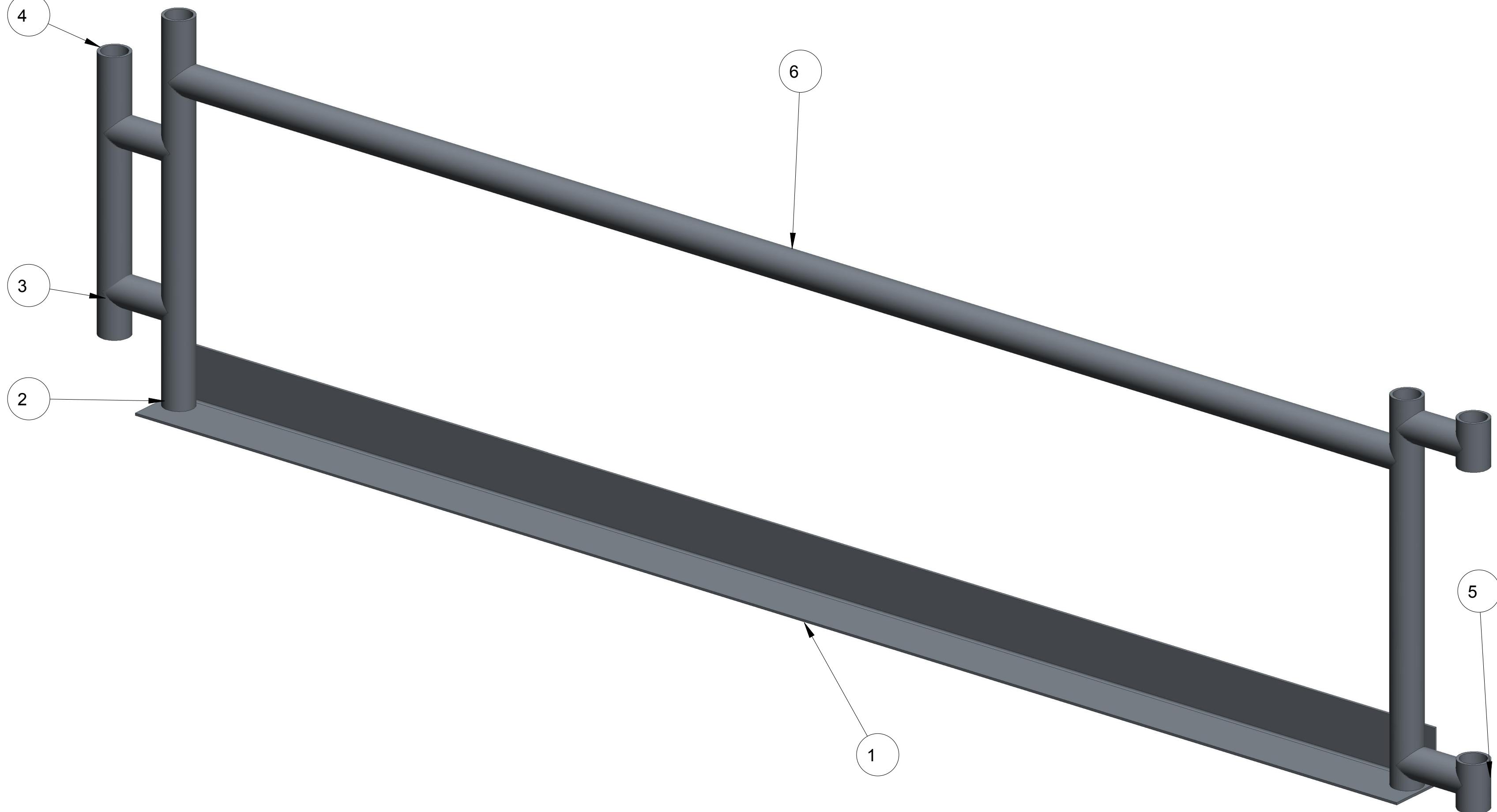
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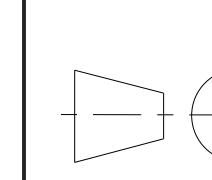
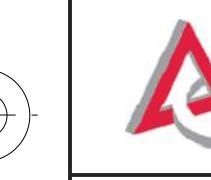
4

MODEL NAME  
GE-17330

TITLE  
Guardrail, Feeder Station

SCALE 1:4

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17330-1	1	Angle	
2	GE-17330-2	2	Pipe Upright	
3	GE-17330-3	4	Upright Spacer, Pipe	
4	GE-17330-4	1	Pipe, Left Pin	
5	GE-17330-5	2	Upright Pin, Pipe	
6	GE-17330-6	1	Pipe, Space and frame	

 		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
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SCALE 5:64		SHEET 1 OF 5	
TITLE Guardrail, Feeder Station			
PROJECT		MODEL NAME GE-17330	ISSUE

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

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MODEL NAME GE-17330	TITLE Guardrail, Feeder Station
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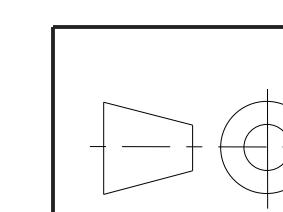
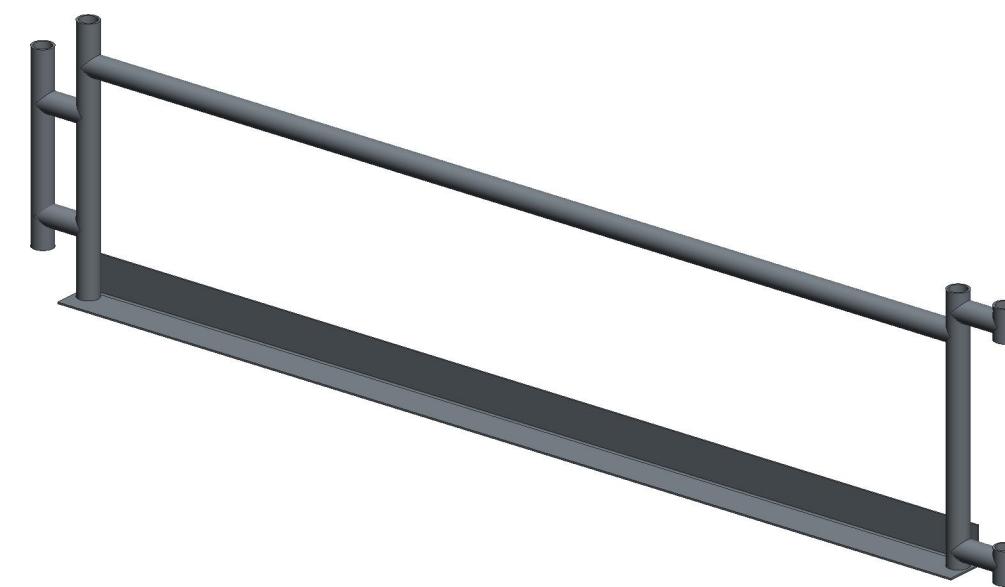
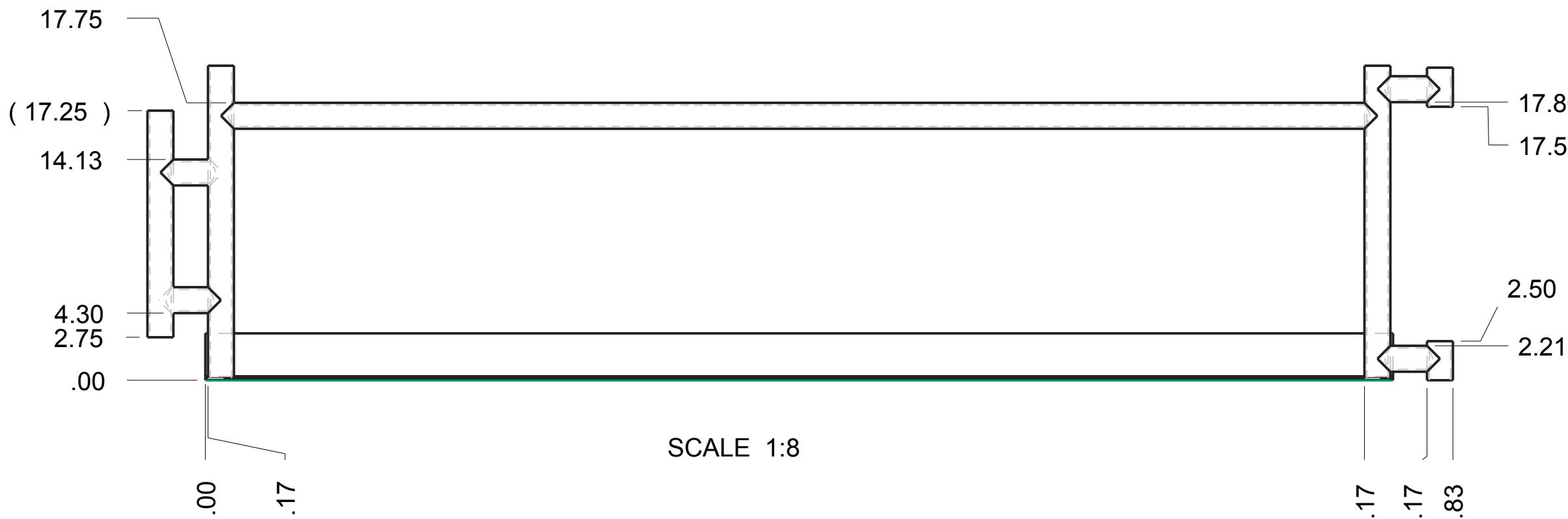
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DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 5:64	SHEET 2 OF 5

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

DO NOT SCALE

TITLE  
Guardrail, Feeder Station

PROJECT  
MODEL NAME  
GE-17330

ISSUE

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ASME STANDARD,INCH

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MODEL NAME  
GE-17330TITLE  
Guardrail, Feeder Station

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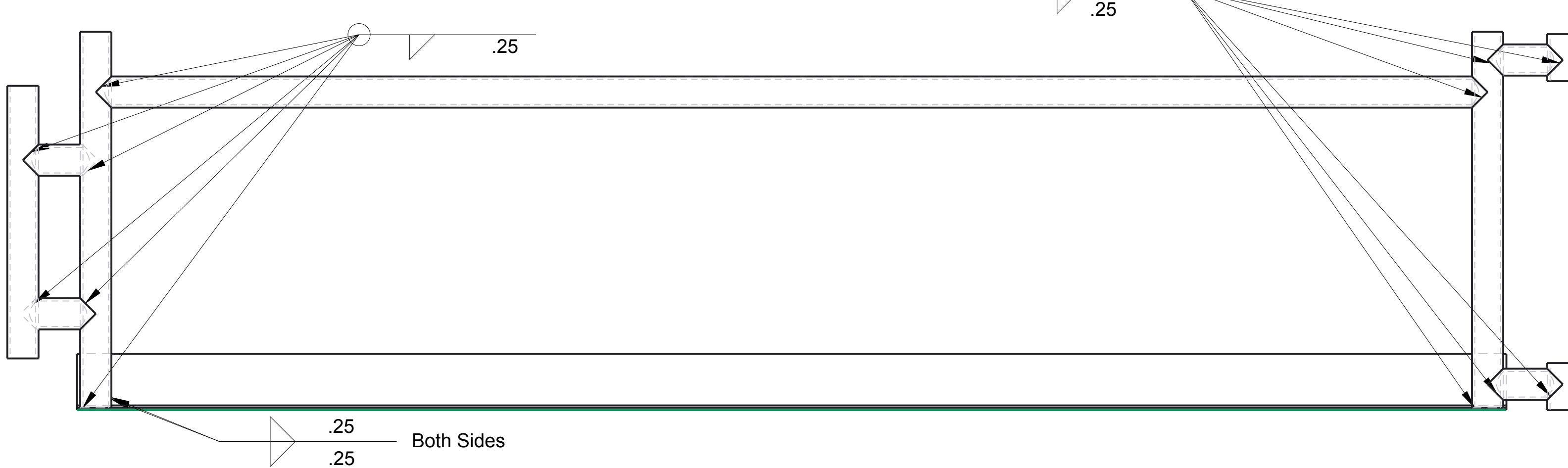
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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 5:64	SHEET 3 OF 5
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	TITLE	Guardrail, Feeder Station	
DO NOT SCALE	PROJECT	MODEL NAME	GE-17330
		ISSUE	

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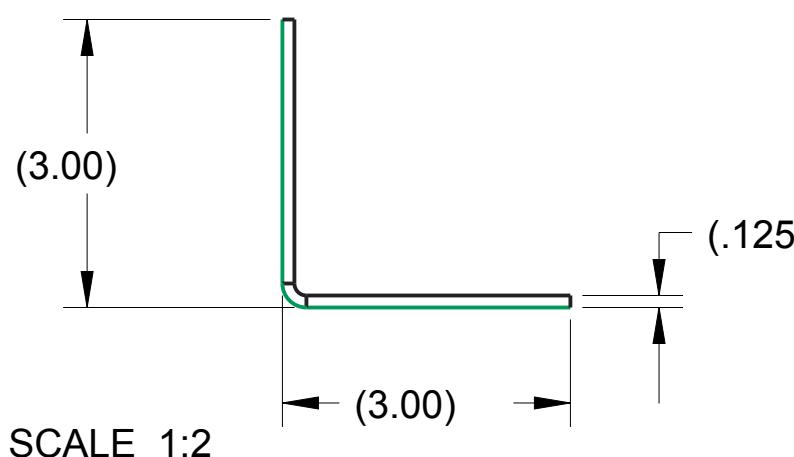
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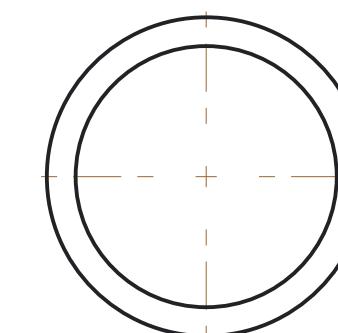
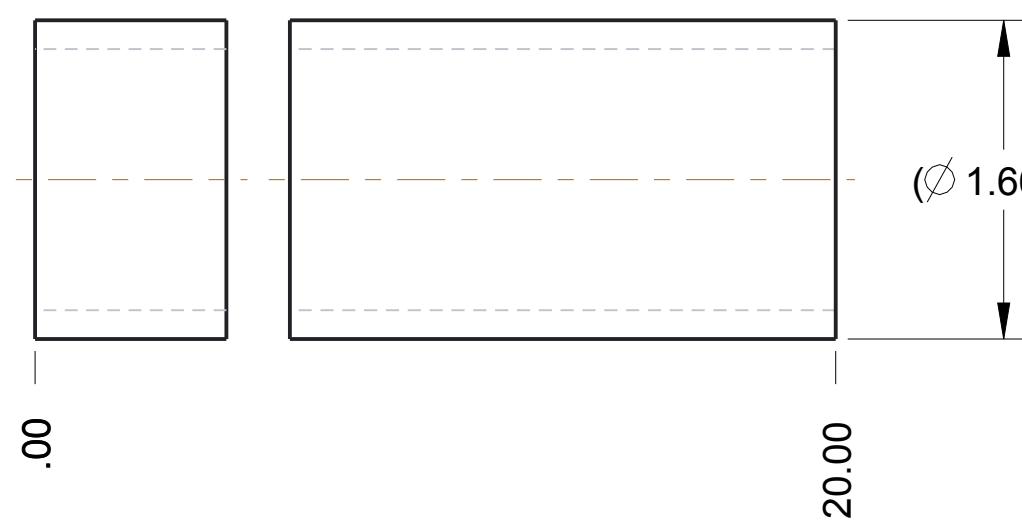
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MODEL NAME  
GE-17330TITLE  
Guardrail, Feeder Station

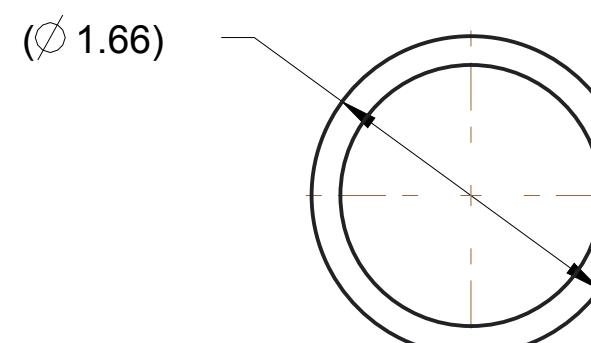
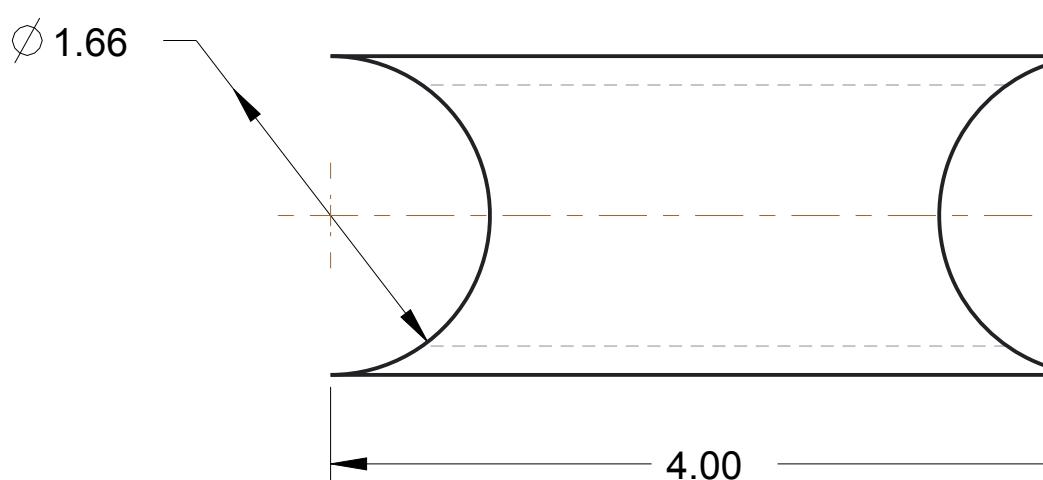
SCALE 1:2

76.00

Part # GE-17330-1  
Material : 3" x .25" thk Angle  
6061 -T6 Aluminum  
QTY: 1



Part # GE-17330-2  
Material: 1-1/4" Sched. 40 pipe 6061-T6 Aluminum  
QTY: 2



Part #: GE-17330-3  
Material: 1-1/4" Sched. 40 pipe 6061-T6 Aluminum  
QTY: 4

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 5:64	SHEET 4 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	Guardrail, Feeder Station
DO NOT SCALE	PROJECT	MODEL NAME GE-17330
		ISSUE

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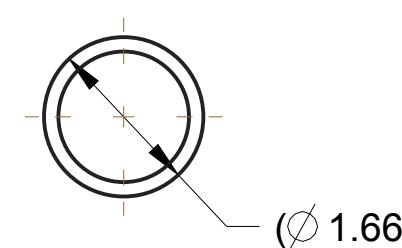
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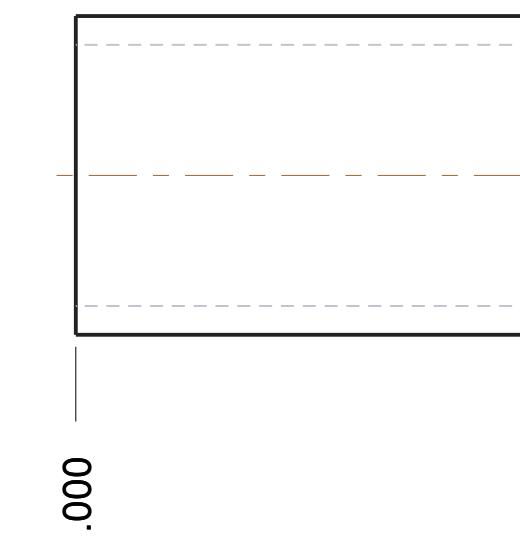
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Part #: GE-17330-4  
Material: 1-1/4" Sched. 40 pipe 6061-T6 Aluminum  
QTY: 1

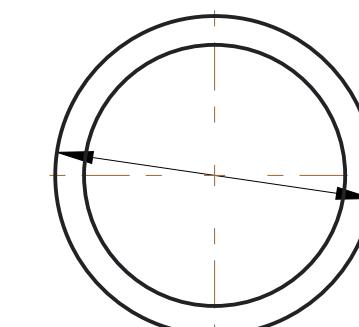
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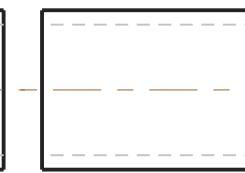
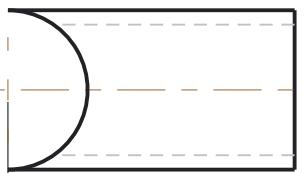


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Part #: GE-17330-5  
Material: 1-1/4" Sched. 40 pipe 6061-T6 Aluminum  
QTY: 2

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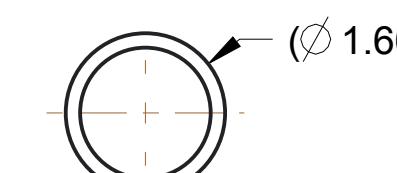
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SCALE 1:2

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Part #: GE-17330-6  
Material: 1-1/4" Sched. 40 pipe 6061-T6 Aluminum  
QTY: 1

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	DRAWN BY	DATE
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	APPROVED BY	DATE
	SCALE 5:64	SHEET 5 OF 5
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XX +/- .001 XXX +/- .001 ANG +/- 1	TITLE	
DO NOT SCALE	PROJECT	MODEL NAME GE-17330
		ISSUE

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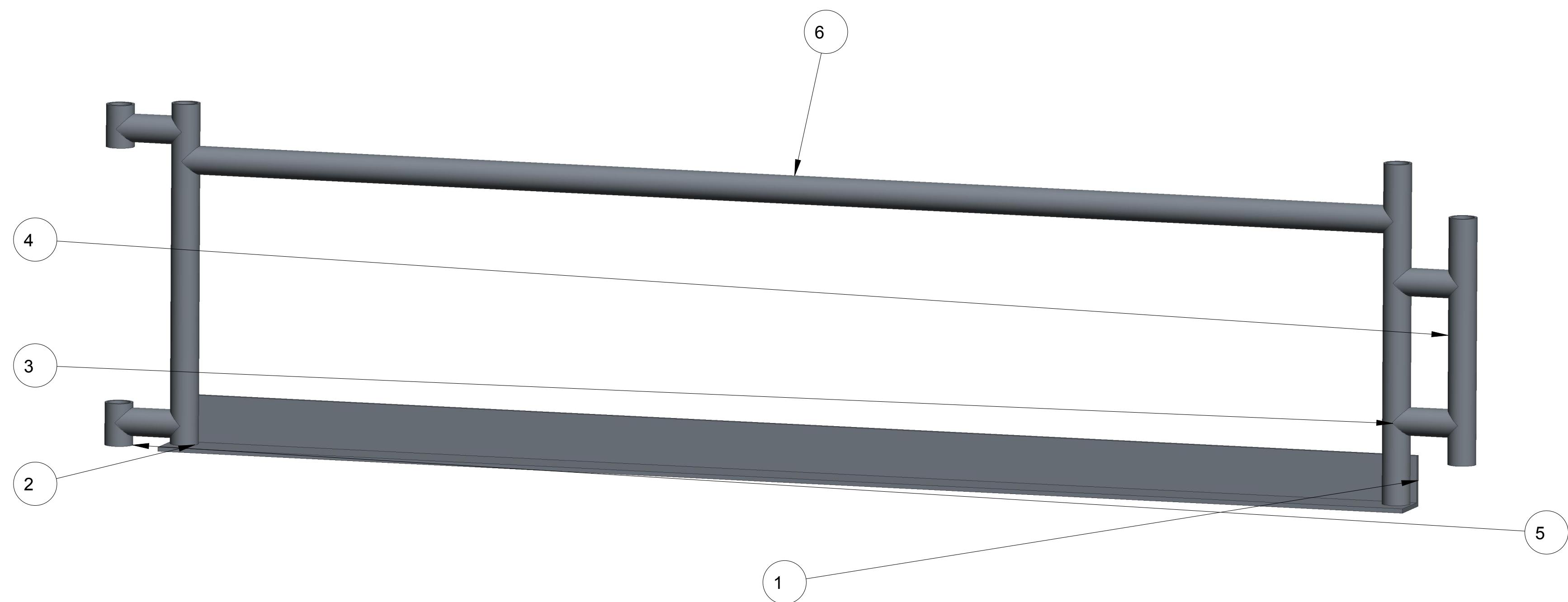
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## Guardrail, Feeder Station

REV	ZONE	DESCRIPTION	DATE	INITIALS
A	C-1	Dimensions Cleaned Up	11/22	MXS

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ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17331-1	1	Angle	
2	GE-17331-2	2	Pipe	
3	GE-17331-3	4	Upright Spacer, Pipe	
4	GE-17331-4	1	Pipe	
5	GE-17331-5	2	Right Upright Pin, Pipe	
6	GE-17331-6	1	Pipe	

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
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SCALE 11:192		SHEET 1 OF 5
TITLE		
Guardrail, Feeder Station		
PROJECT		MODEL NAME
		GE-17331
ISSUE		

DO NOT SCALE

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MODEL NAME GE-17331	TITLE Guardrail, Feeder Station
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REV	ZONE	DESCRIPTION	DATE	INITIALS
A	C-1	Dimensions Cleaned Up	11/22	MXS

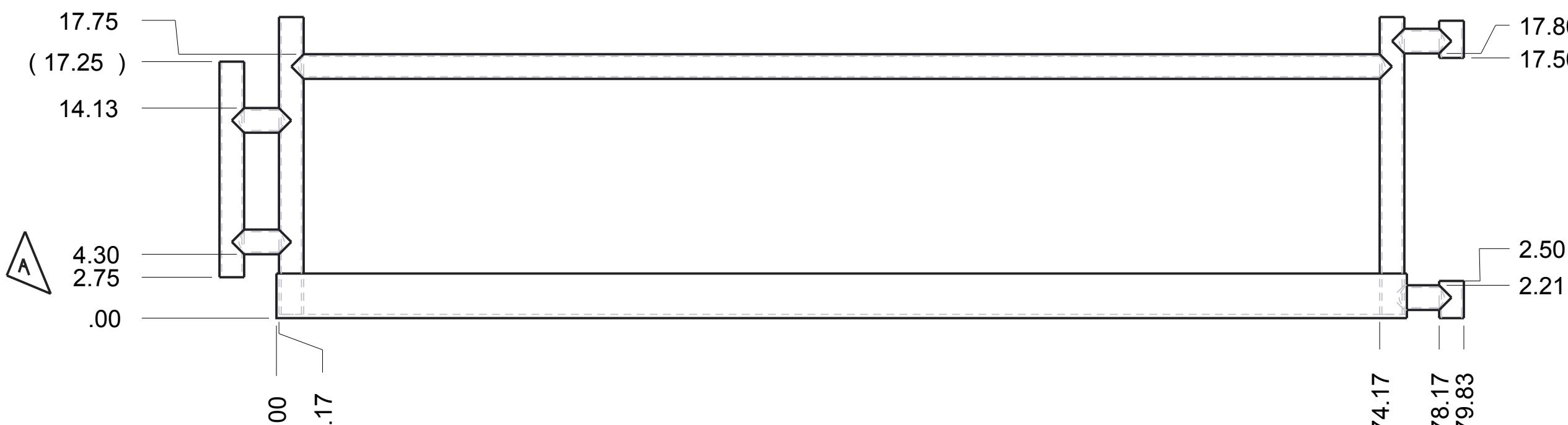
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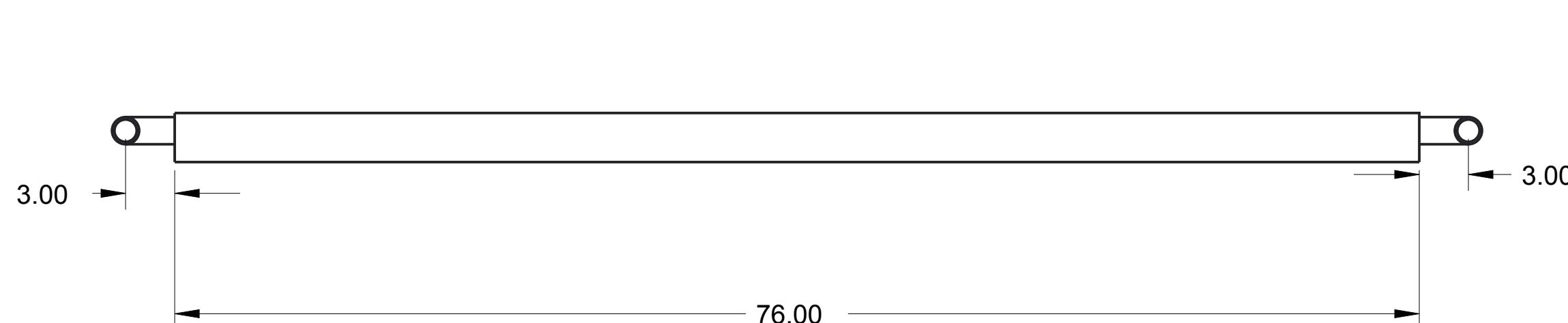
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SCALE 1:8



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	DRAWN BY	DATE
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	SCALE 11:192	SHEET 2 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 Guardrail, Feeder Station	
DO NOT SCALE	PROJECT	MODEL NAME GE-17331
		ISSUE

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MODEL NAME  
GE-17331TITLE  
Guardrail, Feeder Station

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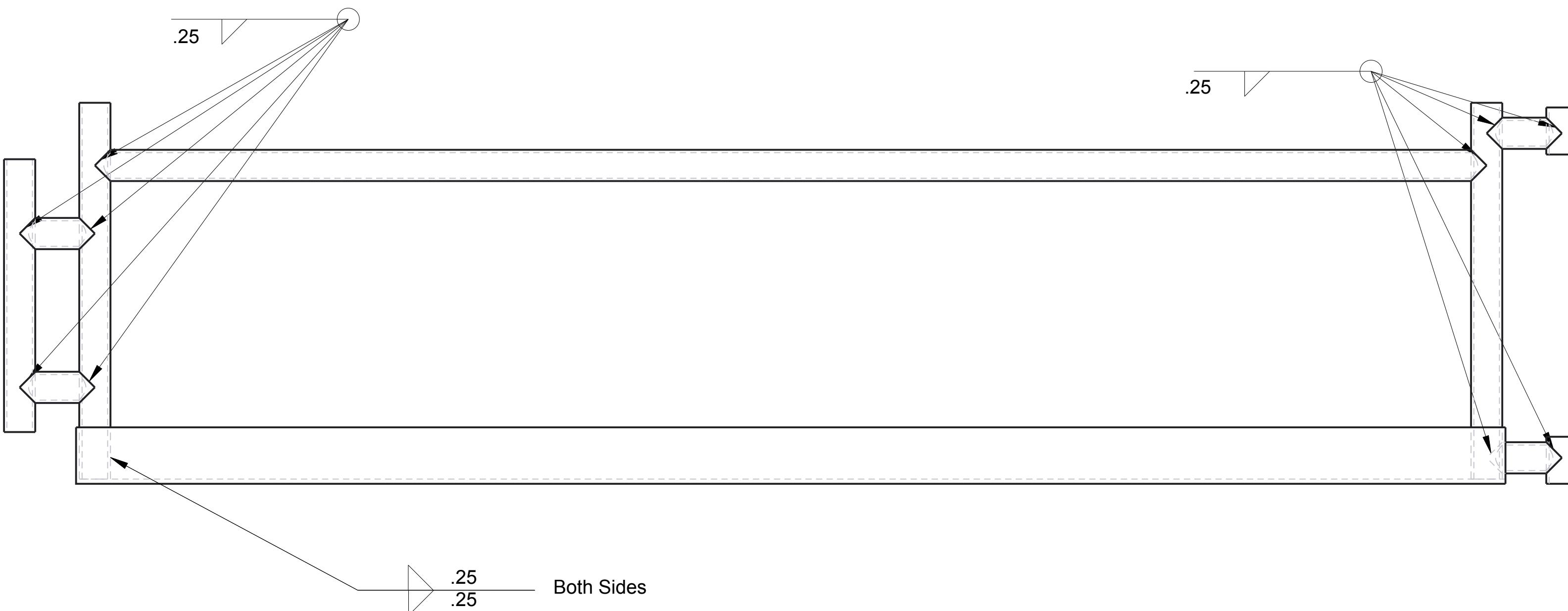
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SCALE 11:192 SHEET 3 OF 5		
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1		
TITLE Guardrail, Feeder Station		
PROJECT		
MODEL NAME GE-17331		
ISSUE		

DO NOT SCALE

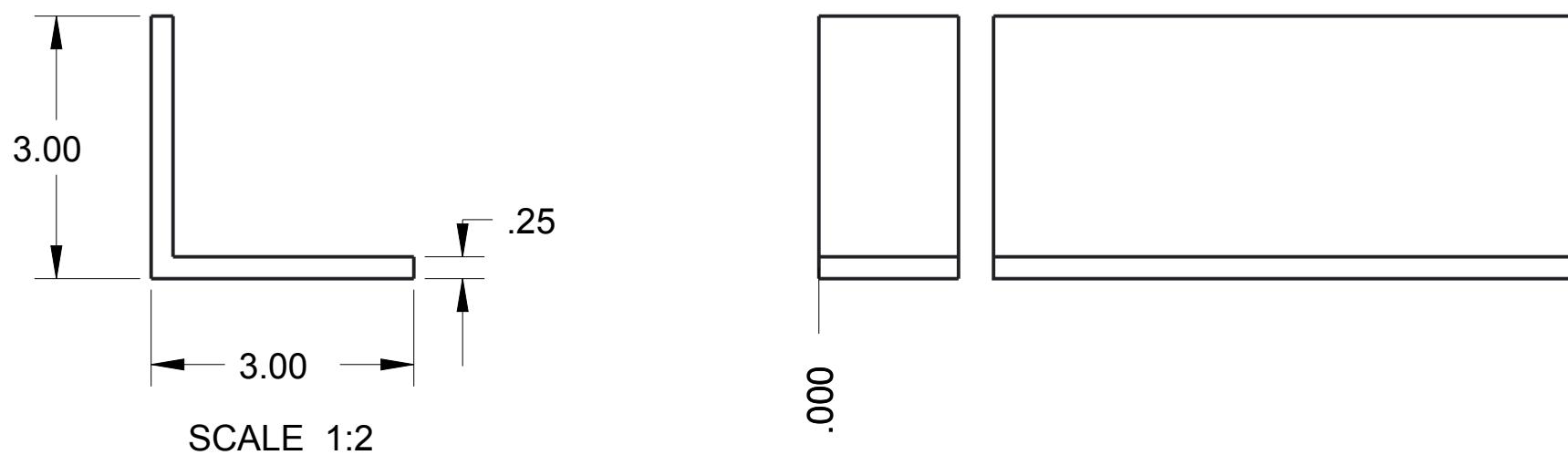
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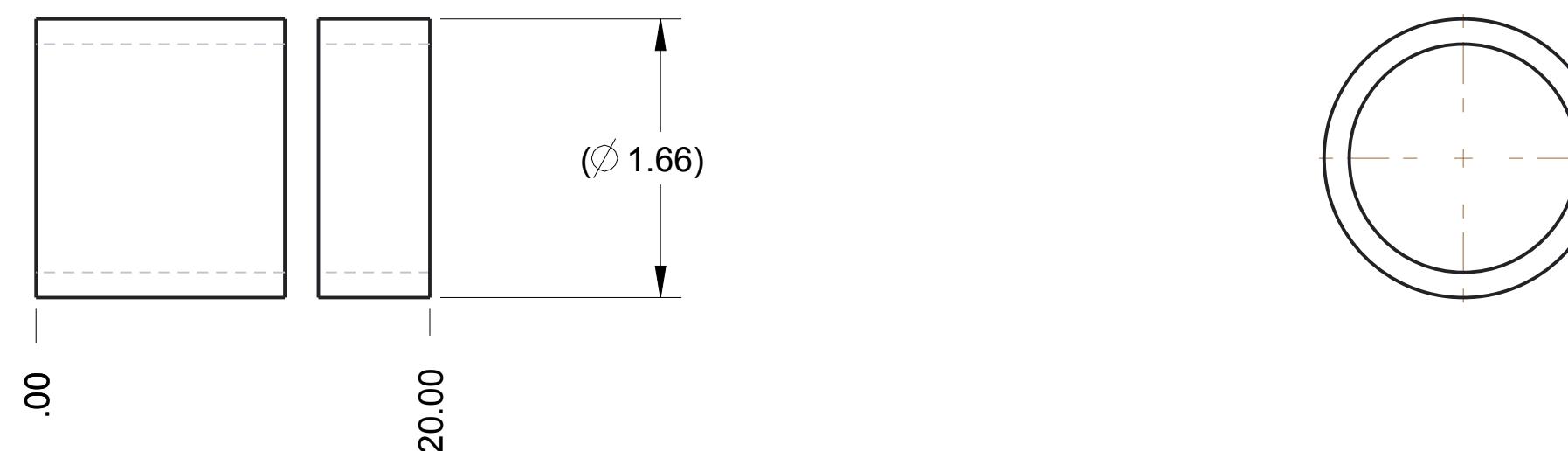
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MODEL NAME GE-17331	TITLE Guardrail, Feeder Station
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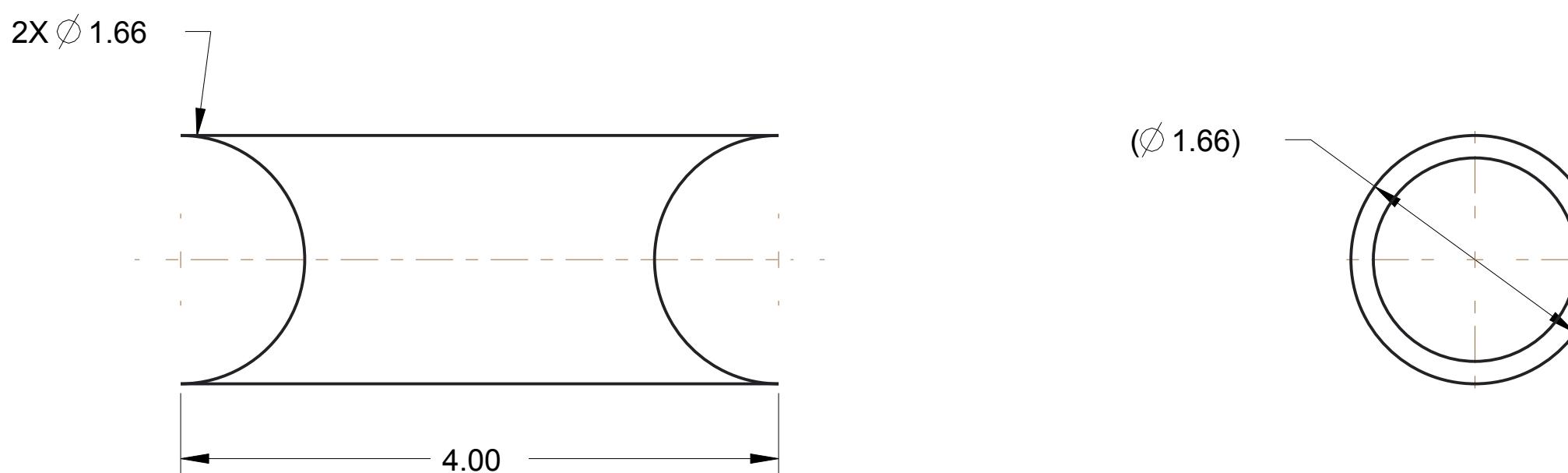


76.00

Part # GE-17331-1  
Material: 3" x .25" thk Angle  
6061 - T6 Aluminum  
QTY: 1



Part #: GE-17331-2  
Material: 1-1/4" Sched. 40 pipe 6061-T6 Aluminum  
QTY: 2



Part #: GE-17331-3  
Material: 1-1/4" Sched. 40 pipe 6061-T6 Aluminum  
QTY: 4

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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 11:192	SHEET 4 OF 5
TITLE Guardrail, Feeder Station		
PROJECT		MODEL NAME GE-17331
ISSUE		

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

DO NOT SCALE

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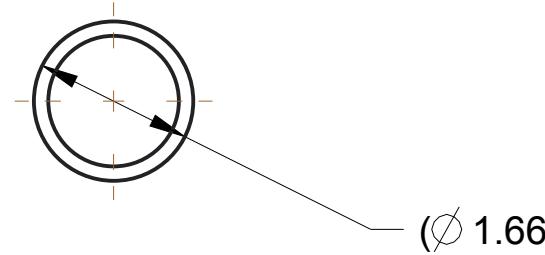
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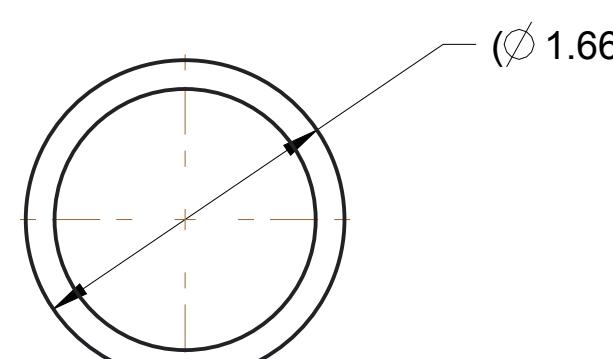
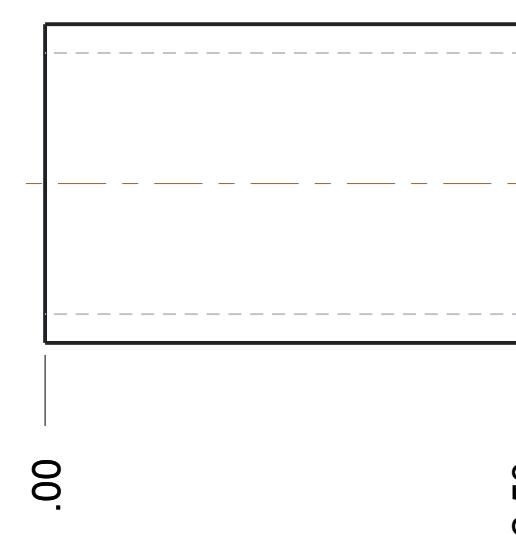
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MODEL NAME  
GE-17331

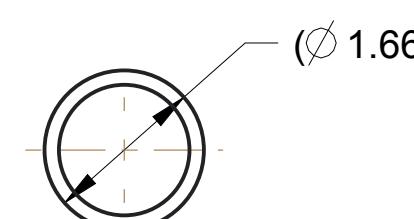
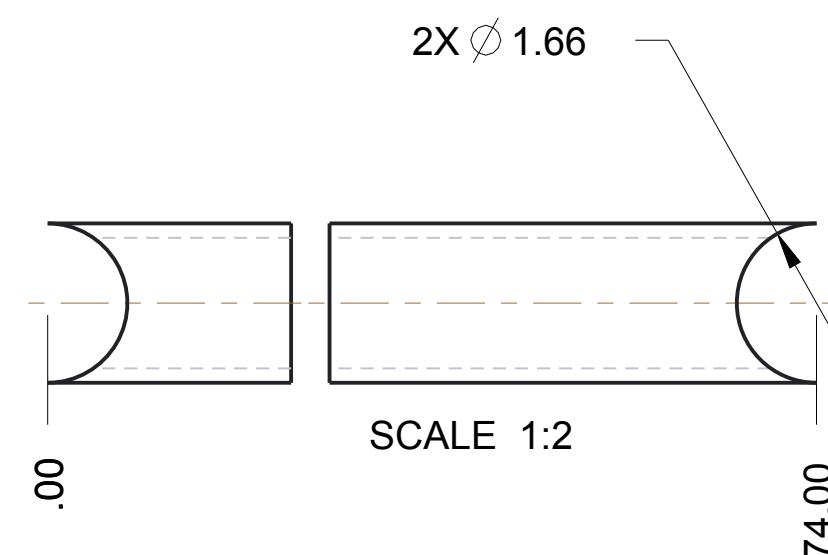
TITLE  
Guardrail, Feeder Station



Part#: GE-17331-4  
Material: 1-1/4" Sched. 40 Pipe 6061-T6 Aluminum  
QTY: 1



Part#: GE-17331-5  
Material: 1-1/4" Sched. 40 Pipe 6061-T6 Aluminum  
QTY: 2



Part#: GE-17331-6  
Material: 1-1/4" Sched. 40 Pipe 6061-T6 Aluminum  
QTY: 1

	DRAWN BY	DATE
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	SCALE 11:192	SHEET 5 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	Guardrail, Feeder Station
DO NOT SCALE	PROJECT	MODEL NAME GE-17331
		ISSUE

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## F Frame

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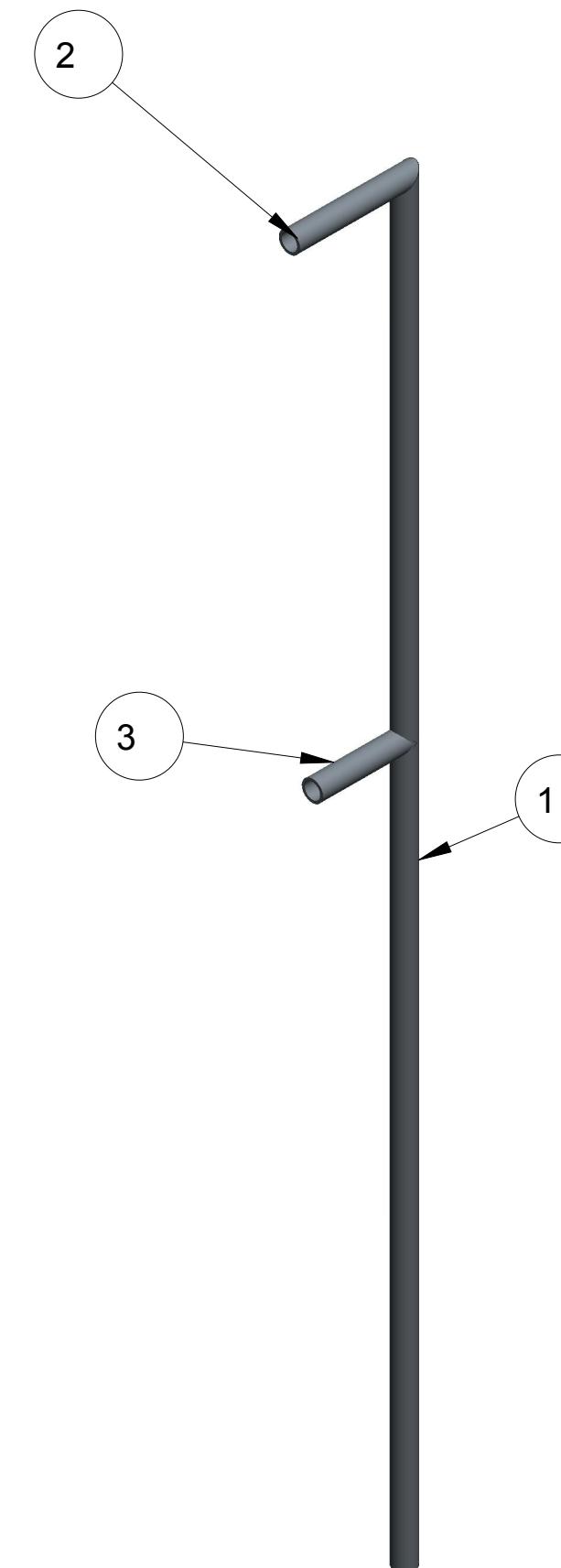
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ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17332-1	1	Base, Pipe	
2	GE-17332-2	1	Top 45 Deg, Pipe	
3	GE-17332-3	1	Middle Strut, Pipe	

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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 11:192	SHEET 1 OF 4
TITLE		
F Frame		
PROJECT		MODEL NAME
GE-17332		ISSUE

DO NOT SCALE

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MODEL NAME  
GE-17332TITLE  
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( 76.68 )

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		DRAWN BY	DATE
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APPROVED BY		DATE	
SCALE 11:192		SHEET 2 OF 4	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XXX +/- .001 XXXX +/- .0001 ANG +/- 1	TITLE	F Frame	
DO NOT SCALE	PROJECT	MODEL NAME	GE-17332
		ISSUE	

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ASME STANDARD,INCH

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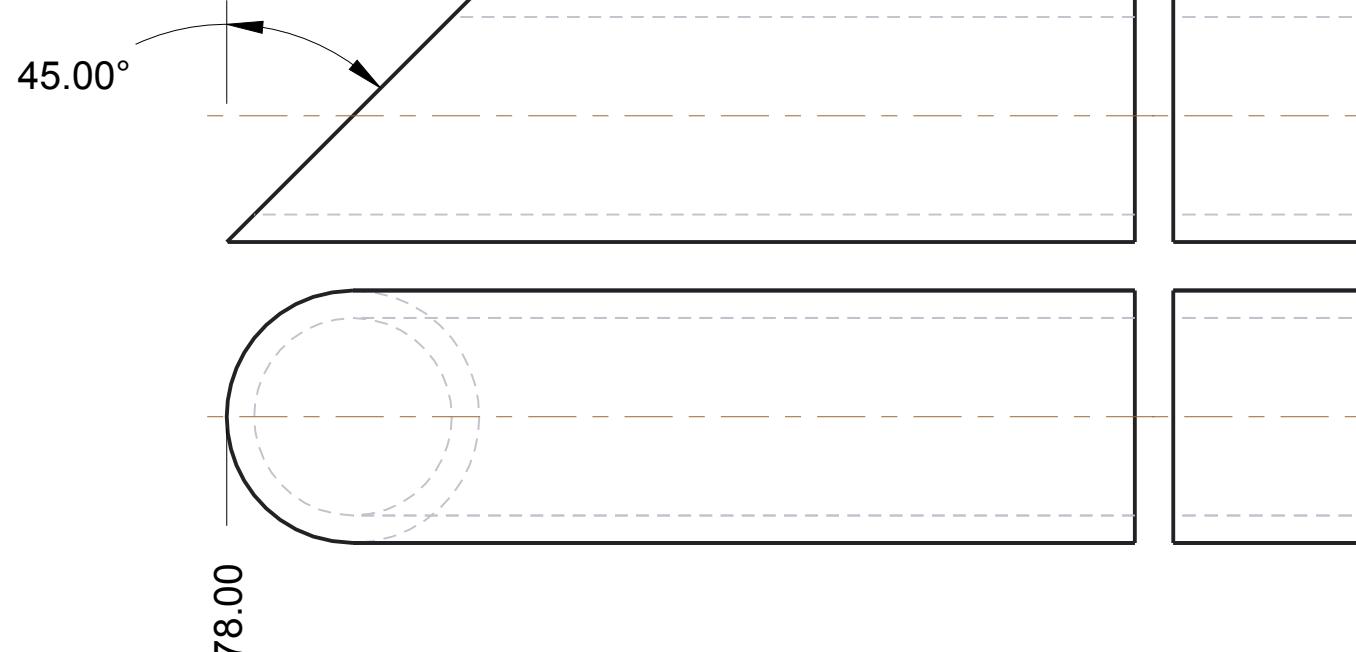
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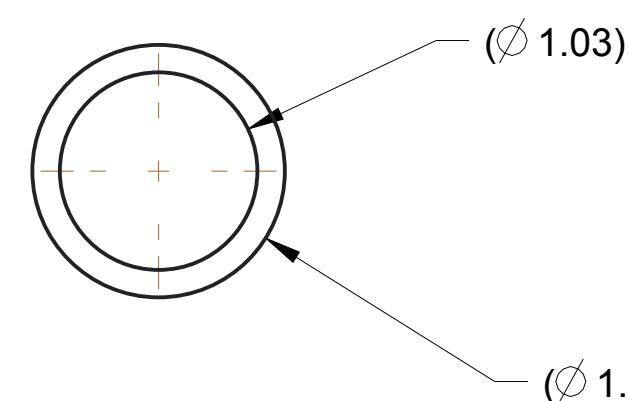
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MODEL NAME: GE-17332 | TITLE: F Frame



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Part #: GE-17332-1  
Material: 1" Sched. 40 pipe 6061-T6 Aluminum  
QTY:1



Part #: GE-17332-2  
Material: 1" Sched. 40 pipe 6061-T6 Aluminum  
QTY:1



8.00

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Part #: GE-17332-3  
Material: 1" Sched. 40 pipe 6061-T6 Aluminum  
QTY:1

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	<p><b>FIRST</b></p>	DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 11:192	SHEET 3 OF 4
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XX.X +/- .001 XXX.XX +/- .0001 ANG +/- 1	TITLE	F Frame	
DO NOT SCALE	PROJECT	MODEL NAME	GE-17332
		ISSUE	

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MODEL NAME  
GE-17332TITLE  
F Frame

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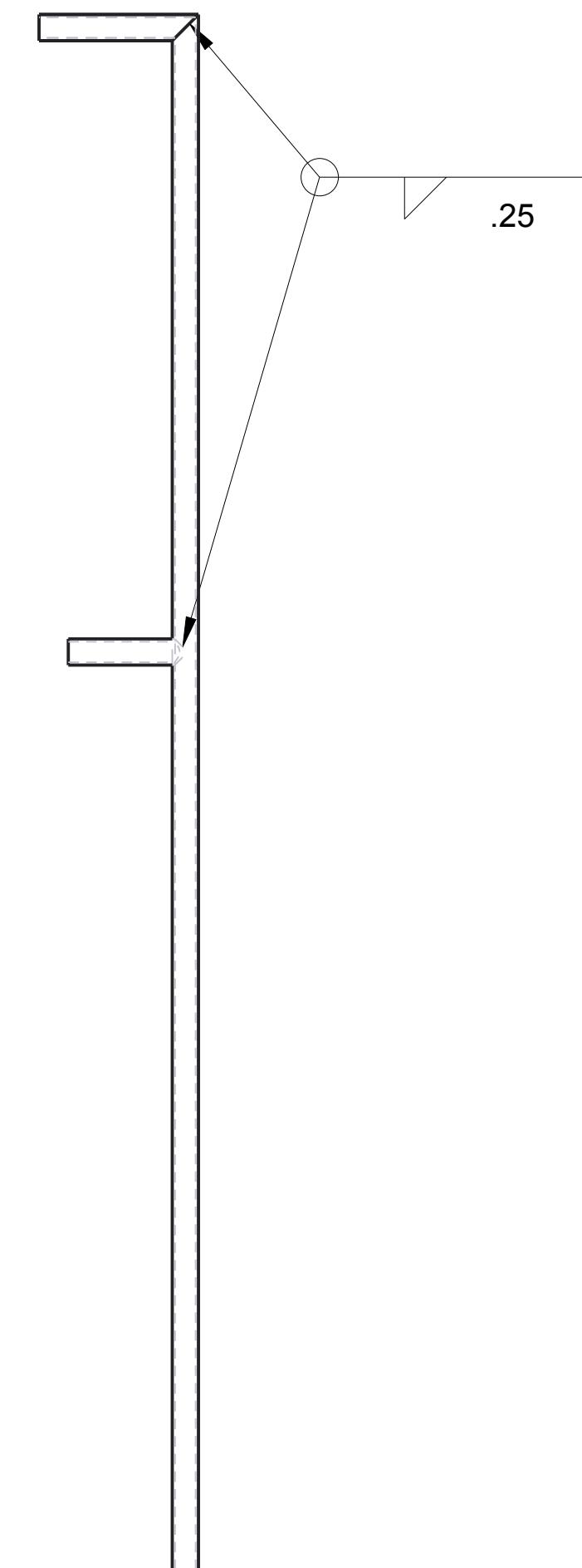
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DO NOT SCALE		APPROVED BY	DATE
PROJECT		SCALE 11:192	SHEET 4 OF 4
TITLE	F Frame		
MODEL NAME	GE-17332	ISSUE	

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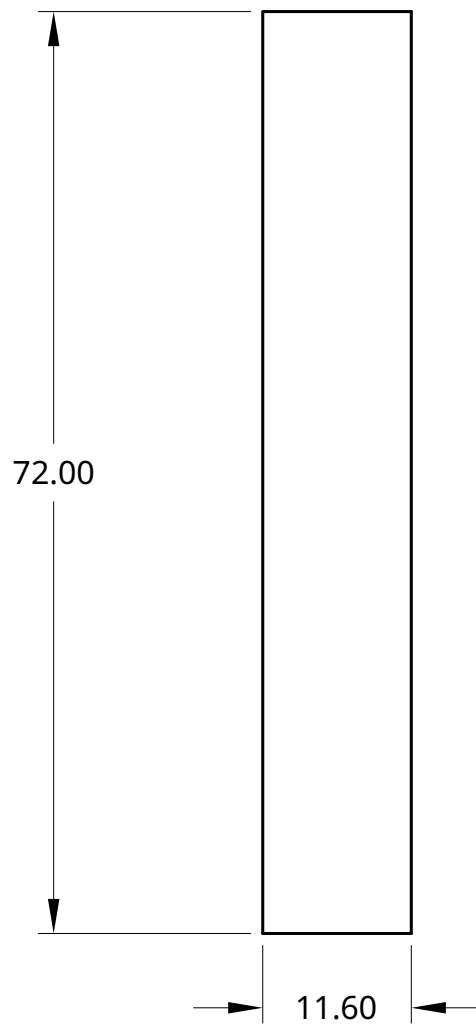
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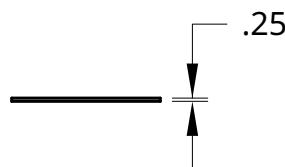
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES .XX = ±.0-      ANGULAR $\angle$ = ± ° .XXX = ±.00-      FRACTIONAL = ± XXXX = ±.0000-		DRAWN	NAME	DATE	GE-17333		
		CHECKED			TITLE		
		APPROVED			---		
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DO NOT SCALE DRAWING					---		
BREAK ALL SHARP EDGES AND REMOVE BURRS					---		
THIRD ANGLE PROJECTION	MATERIAL	FINISH	SIZE A DWG NO. ----- REV. -				
	1/4" Clear Polycarb	None	SCALE	0.0667:1	WEIGHT	SHEET 1 of 1	

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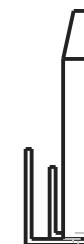
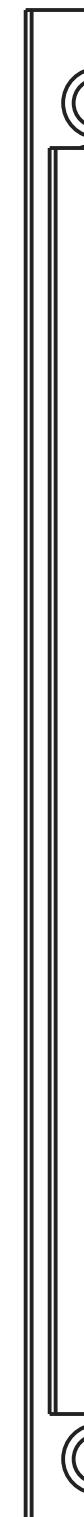
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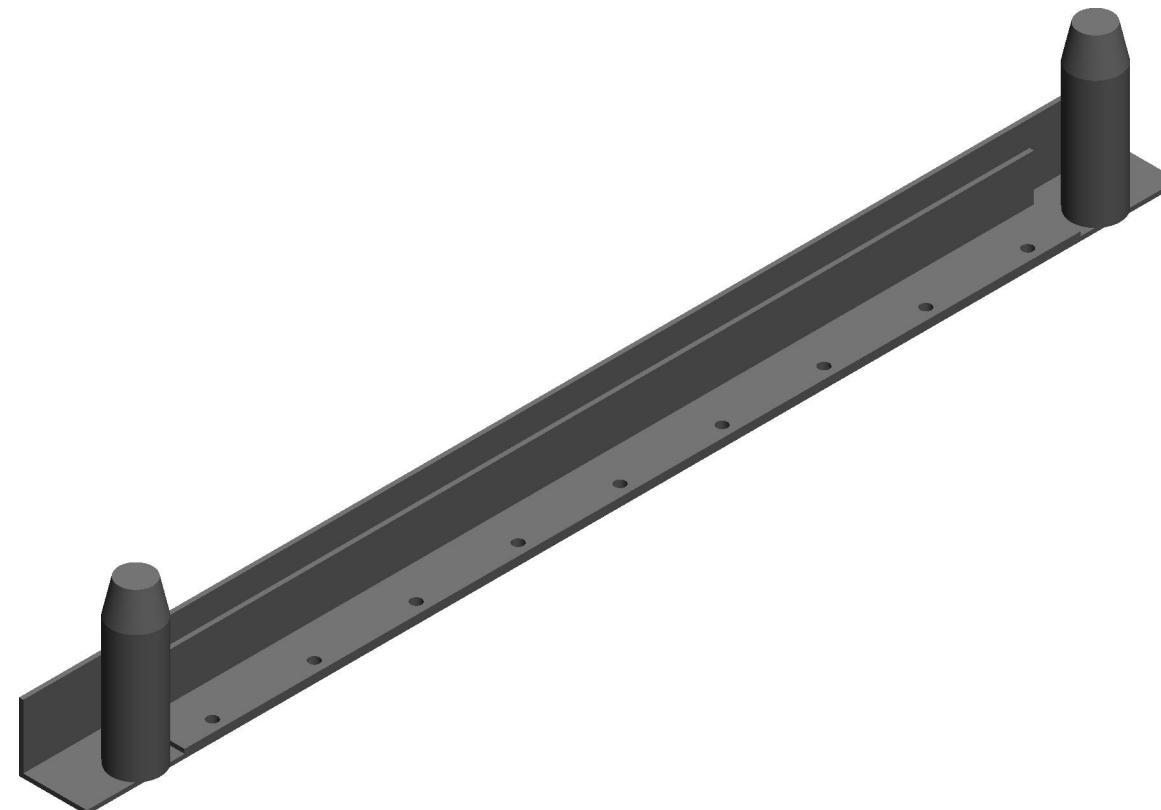
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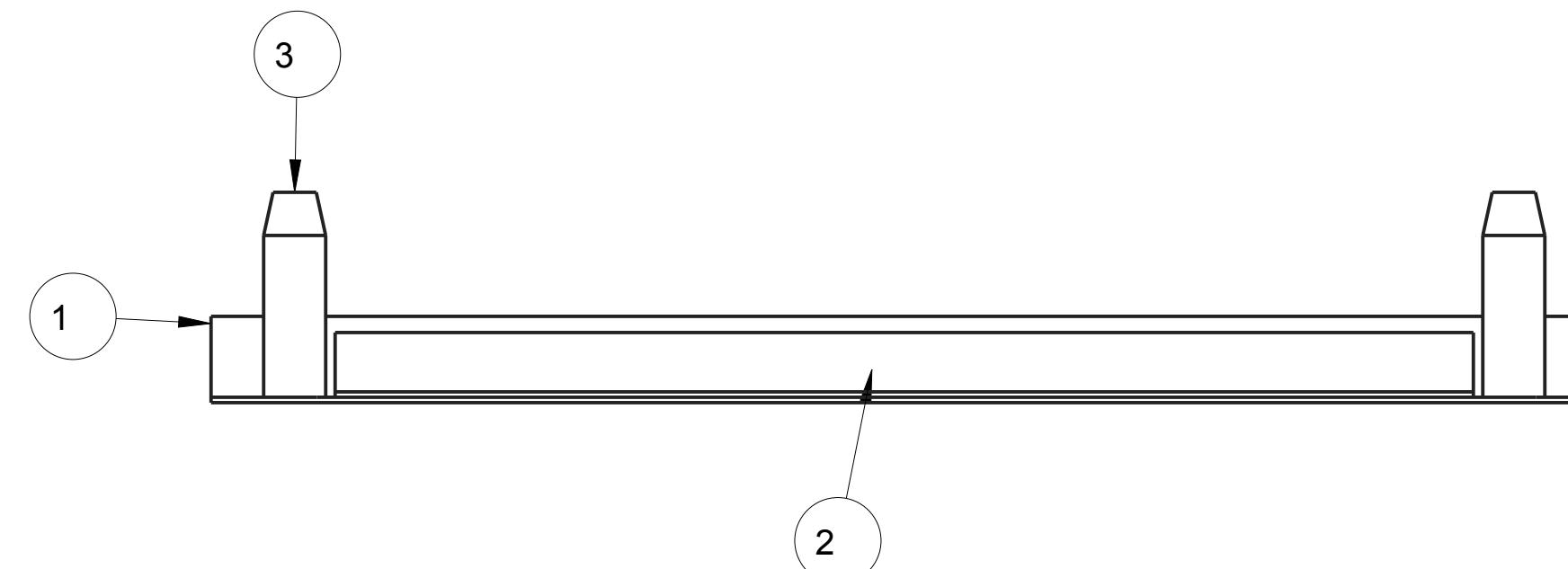
MODEL NAME GE-17356	TITLE Field Top Rail
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SCALE 1:4



SCALE 1:4



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17356-1	1	2" x .125" Angle, 6063 Aluminum	
2	GE-17356-2	1	1.5" x .125" Angle, 6063 Aluminum	
3	GE-17356-3	2	1-7/16" Rod, 6061 Aluminum	

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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 13:192	SHEET 1 OF 3
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DO NOT SCALE		
TITLE		Field Top Rail
PROJECT		MODEL NAME GE-17356
ISSUE		

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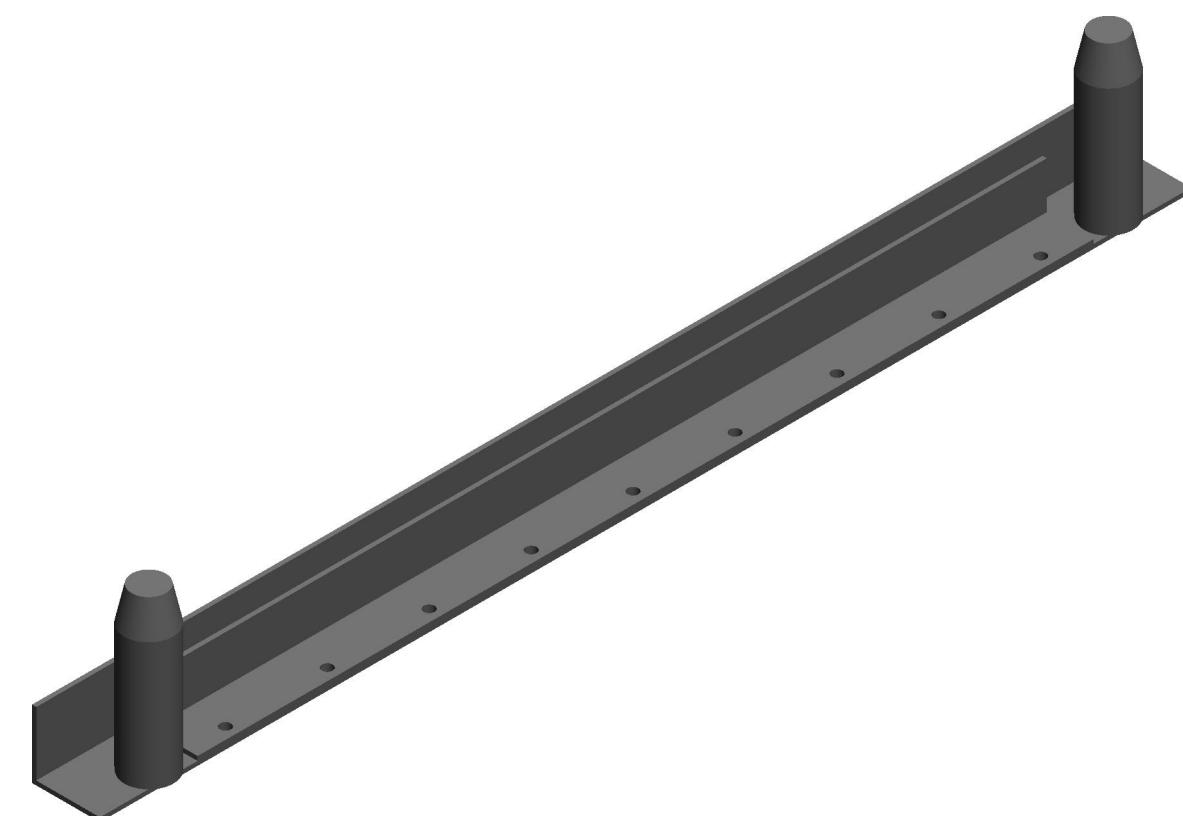
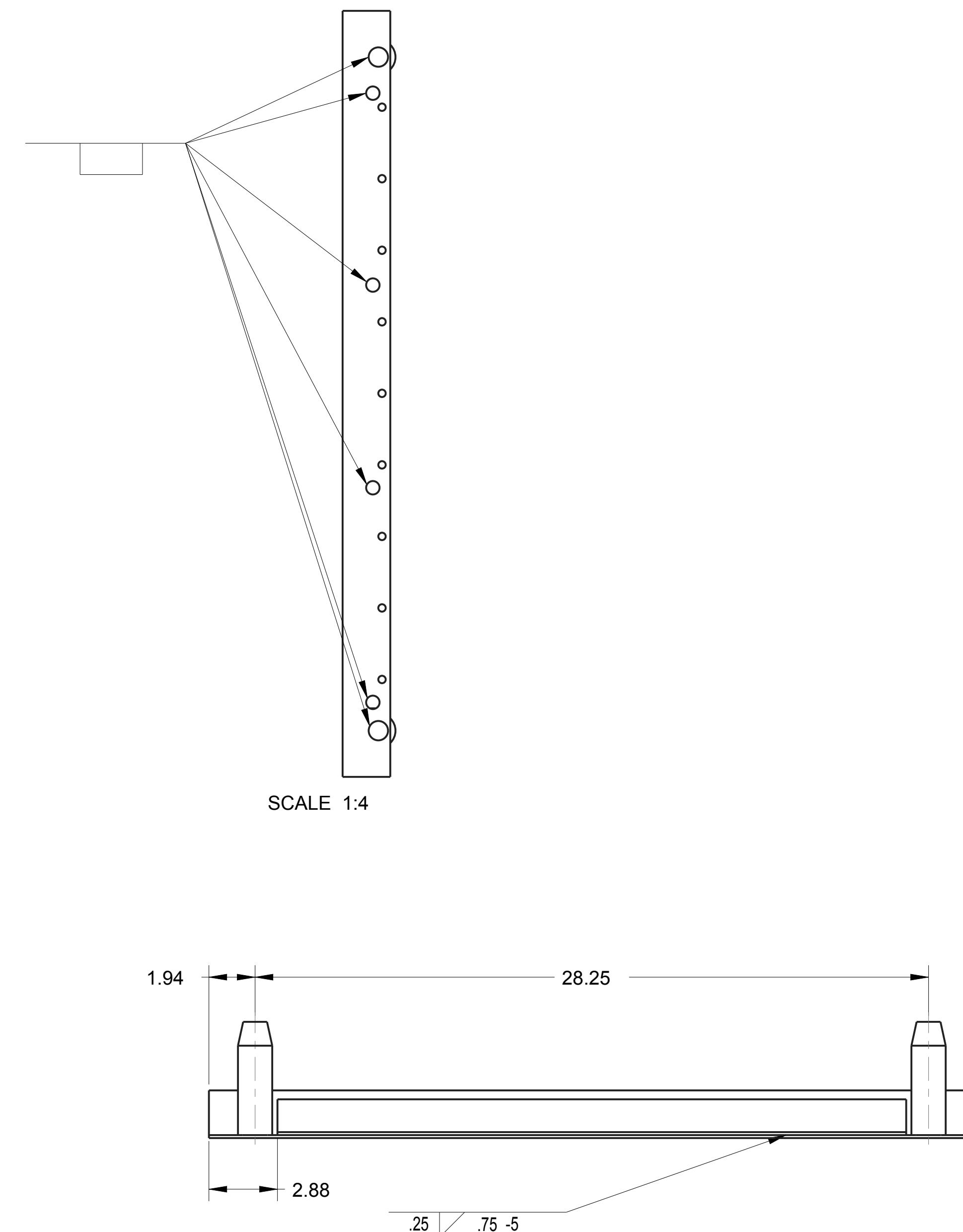
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MODEL NAME  
GE-17356TITLE  
Field Top Rail

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		APPROVED BY	DATE
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DO NOT SCALE	TITLE	Field Top Rail	
PROJECT	MODEL NAME	GE-17356	ISSUE

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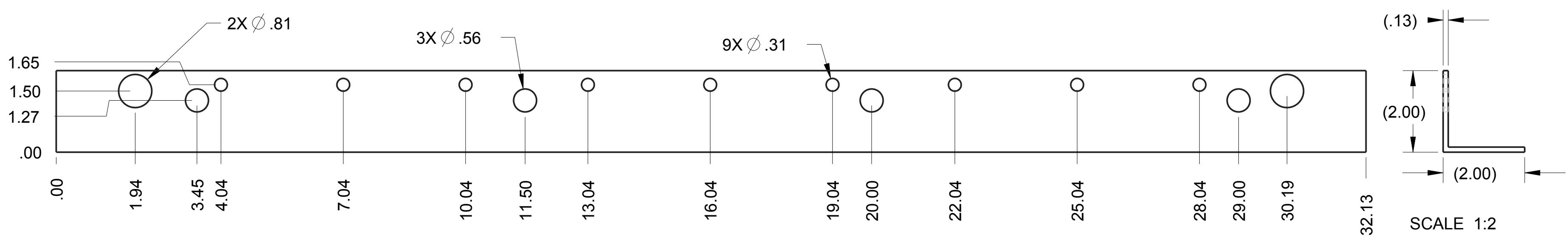
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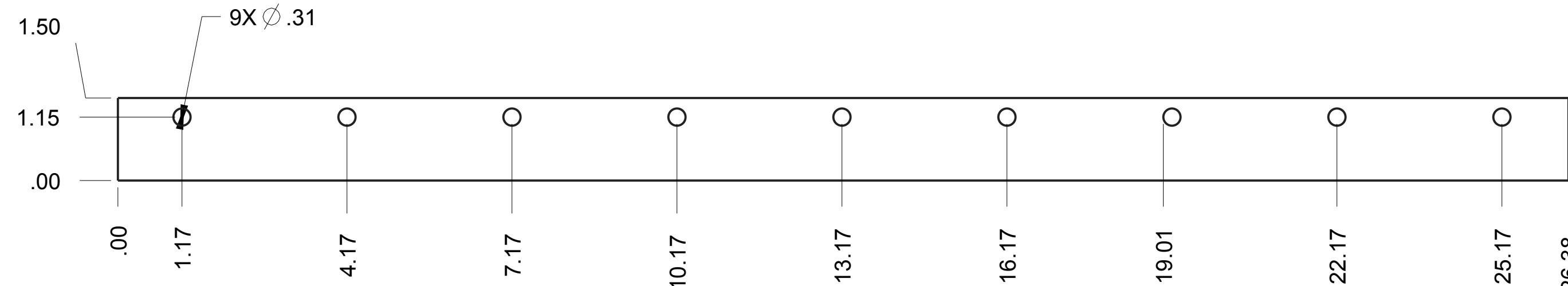
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GE-17356

TITLE  
Field Top Rail

GE-17356-1



GE-17356-2



GE-17356-3



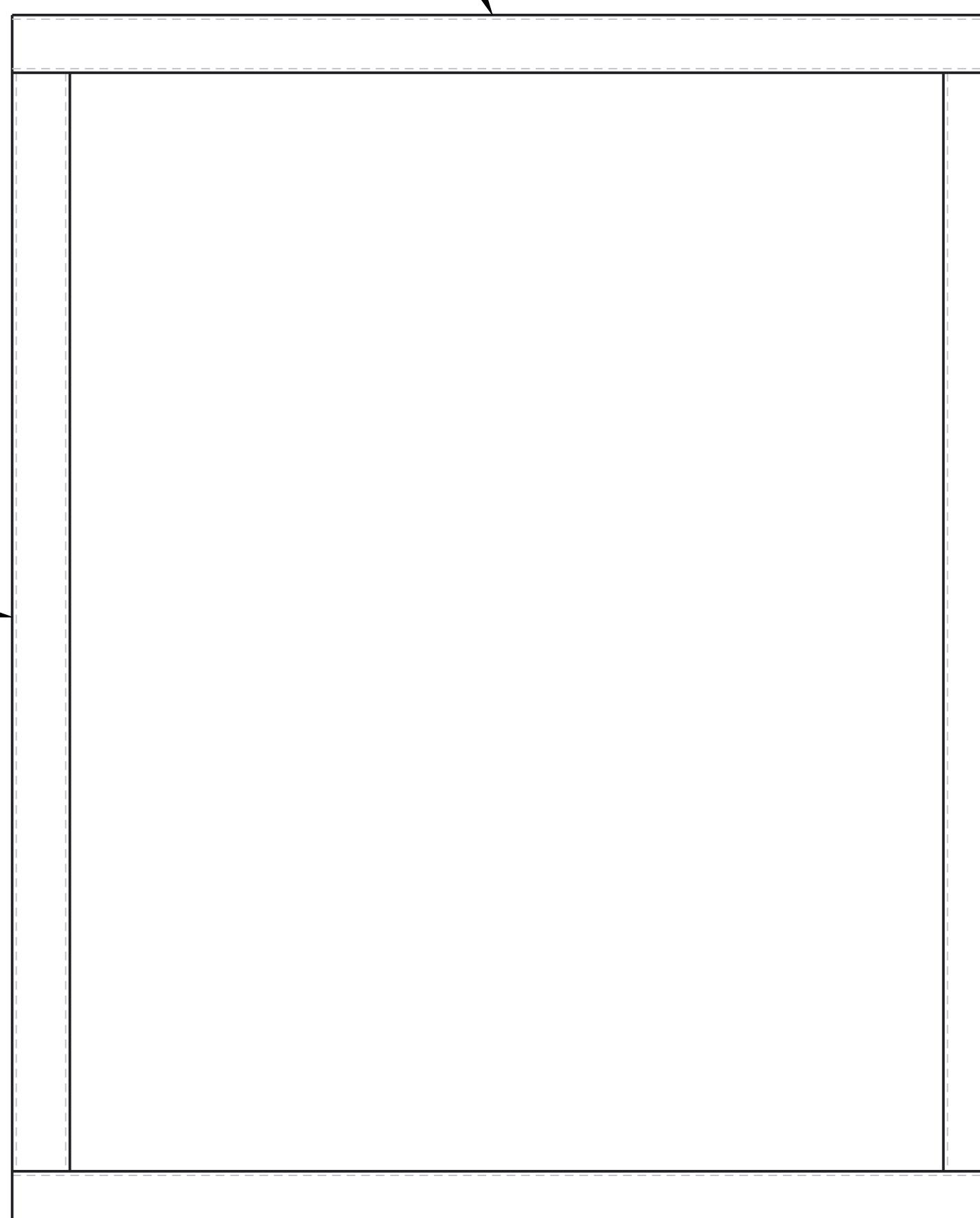
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DO NOT SCALE	TITLE	SCALE 13:192	SHEET 3 OF 3
	Field Top Rail		
PROJECT	MODEL NAME	GE-17356	ISSUE

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
XX +/- .01  
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ANG +/- 1

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MODEL NAME GE-17358	TITLE Alliance Station Frame
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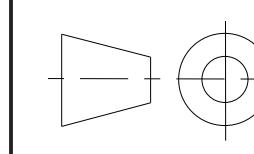
REV A	ZONE D-3	DESCRIPTION See sheet 3	DATE 1/23/2017	INITIALS MXS
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SCALE 1:4

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17308	2	1.75" x .125" Square Tube, 6063 Aluminum	
2	GE-17352	2	1.75" x .125" Square Tube, 6063 Aluminum	



 	 <b>FIRST</b>	DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:12	SHEET 1 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1	TITLE Alliance Station Frame	DO NOT SCALE	PROJECT MODEL NAME GE-17358 ISSUE

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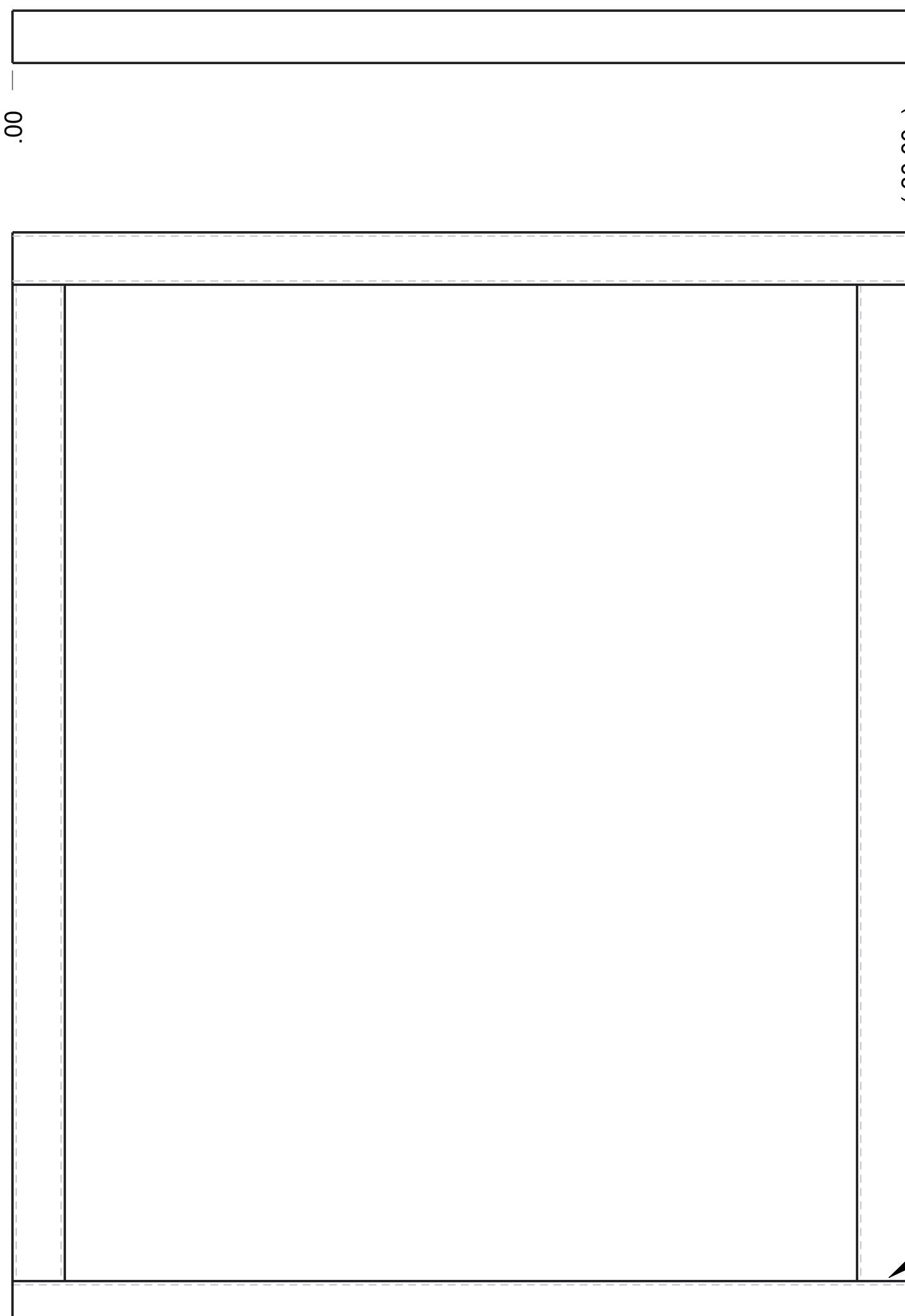
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MODEL NAME GE-17358	TITLE Alliance Station Frame
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REV A	ZONE D-3	DESCRIPTION Changed length of GE-17352	DATE 1/23/2017	INITIALS MXS
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SCALE 1:4

		DRAWN BY CHECKED BY APPROVED BY	DATE DATE DATE
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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 Alliance Station Frame		
DO NOT SCALE	PROJECT	MODEL NAME GE-17358	ISSUE

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ASME STANDARD,INCH

MODEL NAME GE-17358	TITLE Alliance Station Frame	REV A	ZONE D-2	DESCRIPTION Length changed from 33.375 to 33.31	DATE 1/23/2017	INITIALS MXS
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OWN ON	SCALE 1:12	SHEET 3 OF3

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
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# Alliance Station Frame

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MODEL NAME  
GE-17362TITLE  
HDPESlide, Chute

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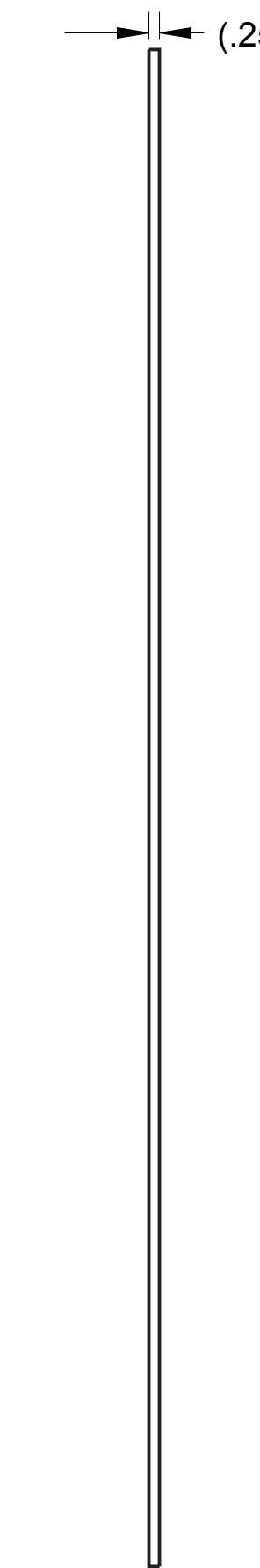
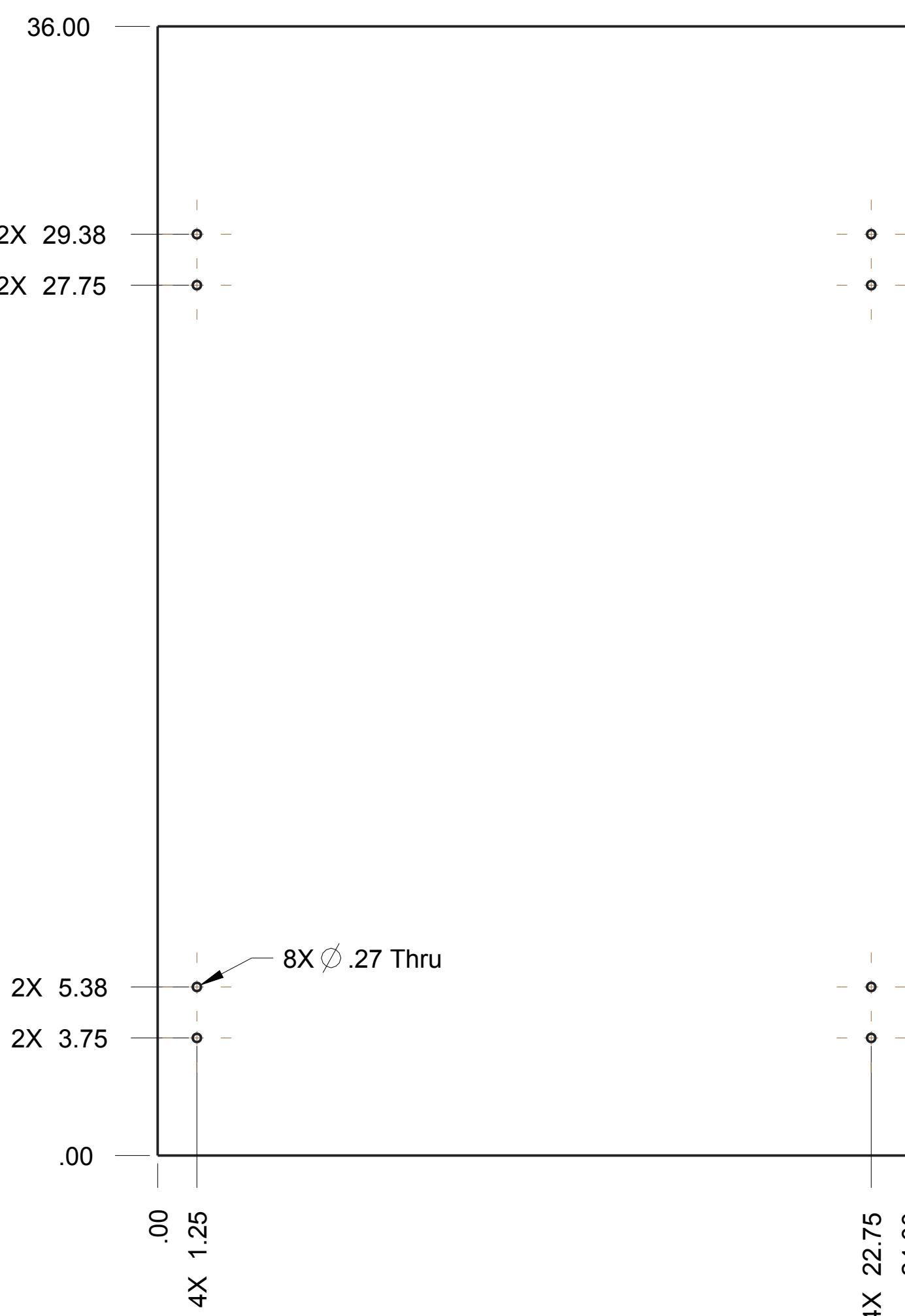
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Part Number: GE-17362  
Material: .25 Blue or Red HDPE Sheet, Orange Peel Texture

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- .01 XX.X +/- .001 XXX.X +/- .0001 ANG +/- 1	TITLE HDPESlide, Chute	PROJECT	MODEL NAME GE-17362
DO NOT SCALE	ISSUE		

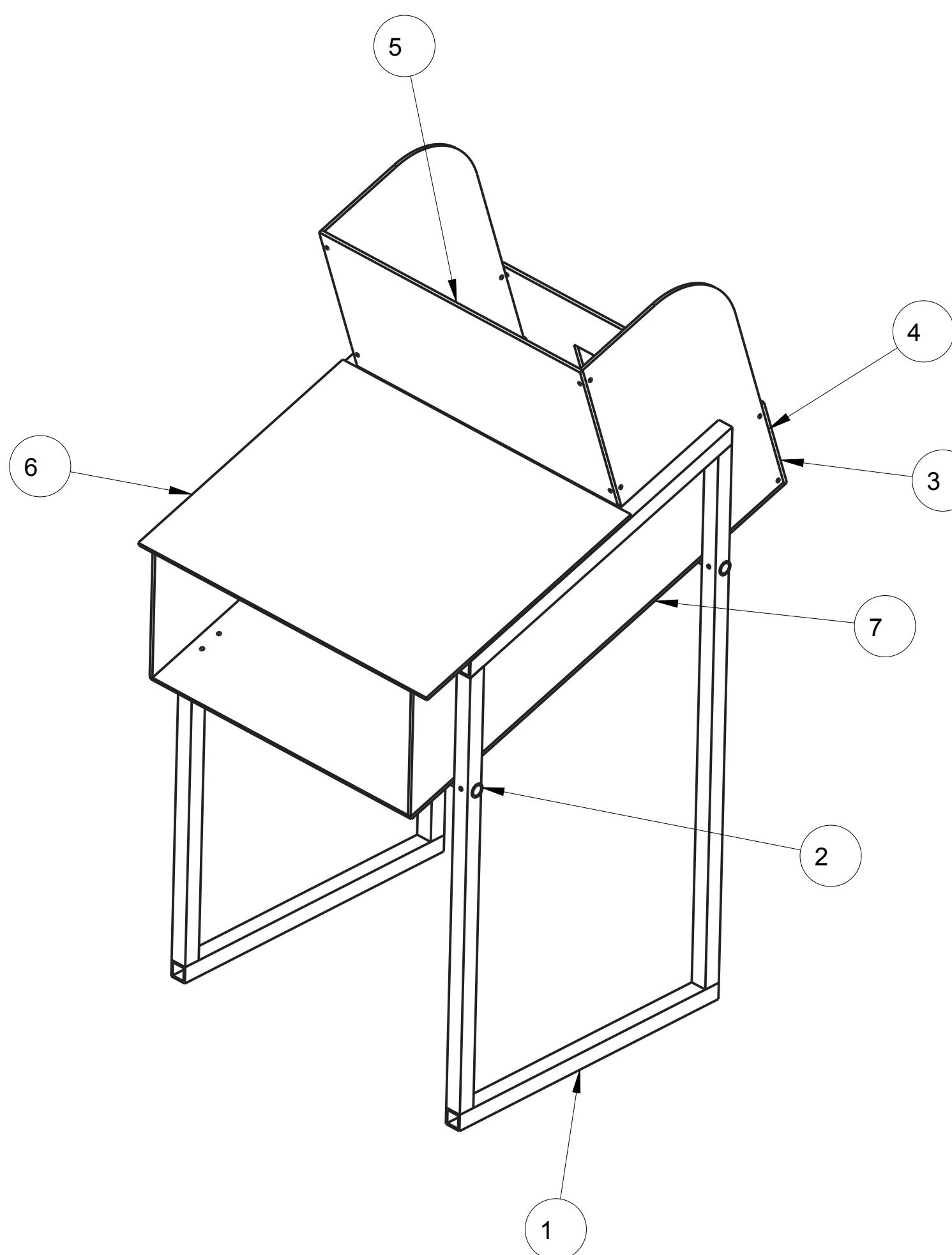
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ASME STANDARD, INCH

MODEL NAME  
GE-17363TITLE  
Chute Assembly

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ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-17275	2	Frame, Chute	
2	GE-17276	2	Support Rod, Chute	
3	GE-17277	1	Gear Slot, Chute	
4	GE-17278	2	Side, Chute	
5	GE-17279	1	Backboard, Chute	
6	GE-17280	1	Chute Cover	
7	GE-17362	1	HDPE Slide, Chute	

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DO NOT SCALE		PROJECT	MODEL NAME GE-17363	ISSUE

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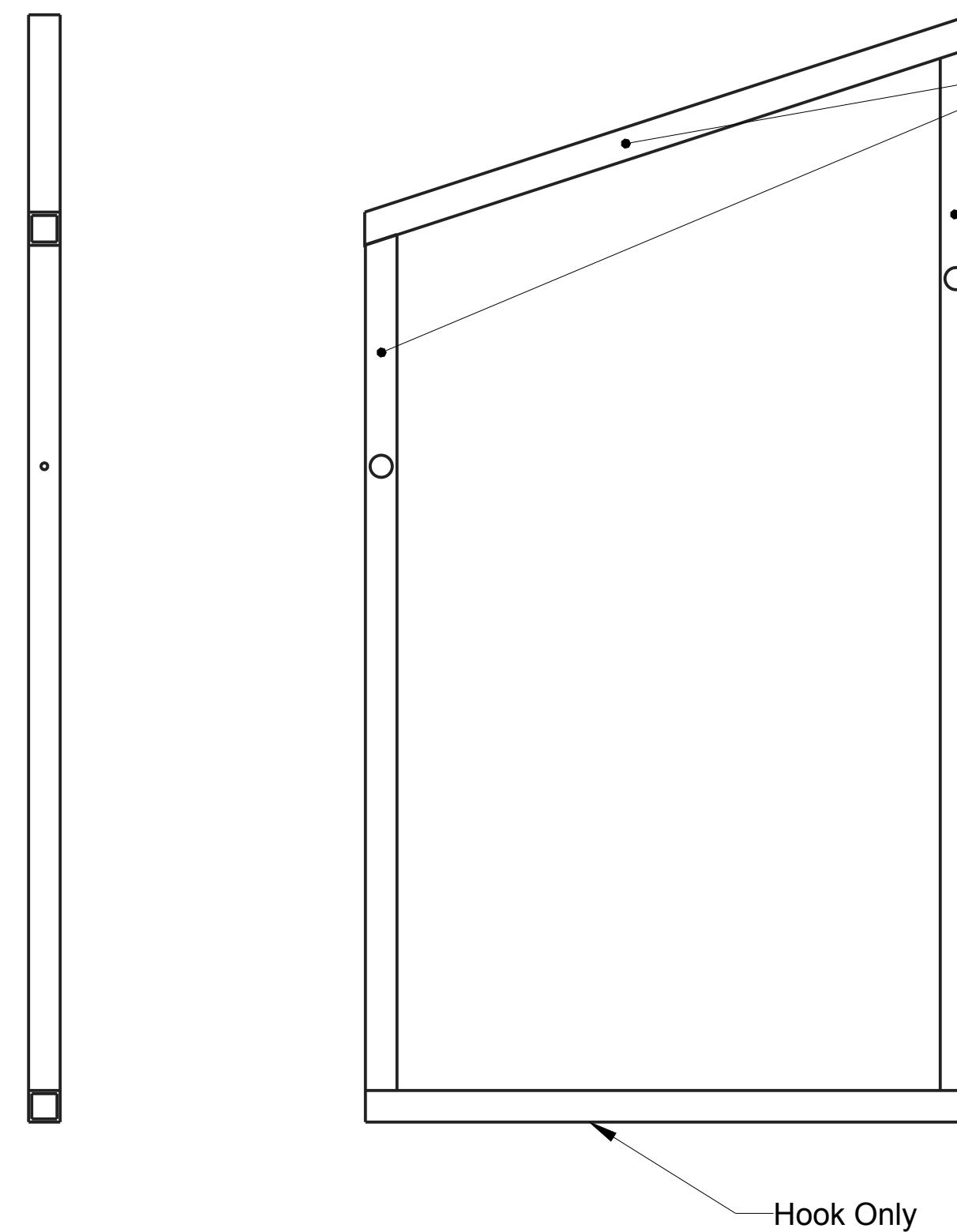
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## Hook and Loop Application - GE-17275

1. Apply adhesive backed hook fastener to one of the side frames, on the surfaces noted. Fastener should start 1/4" above the holes in the frame and run the entire length of the top frame member.
2. Attach loop fastener to the hook fastener applied in Step 1. Do not remove the protective plastic from the adhesive side of the loop fastener.
3. Repeat with the second frame, but apply velcro to the opposite side of the frame.



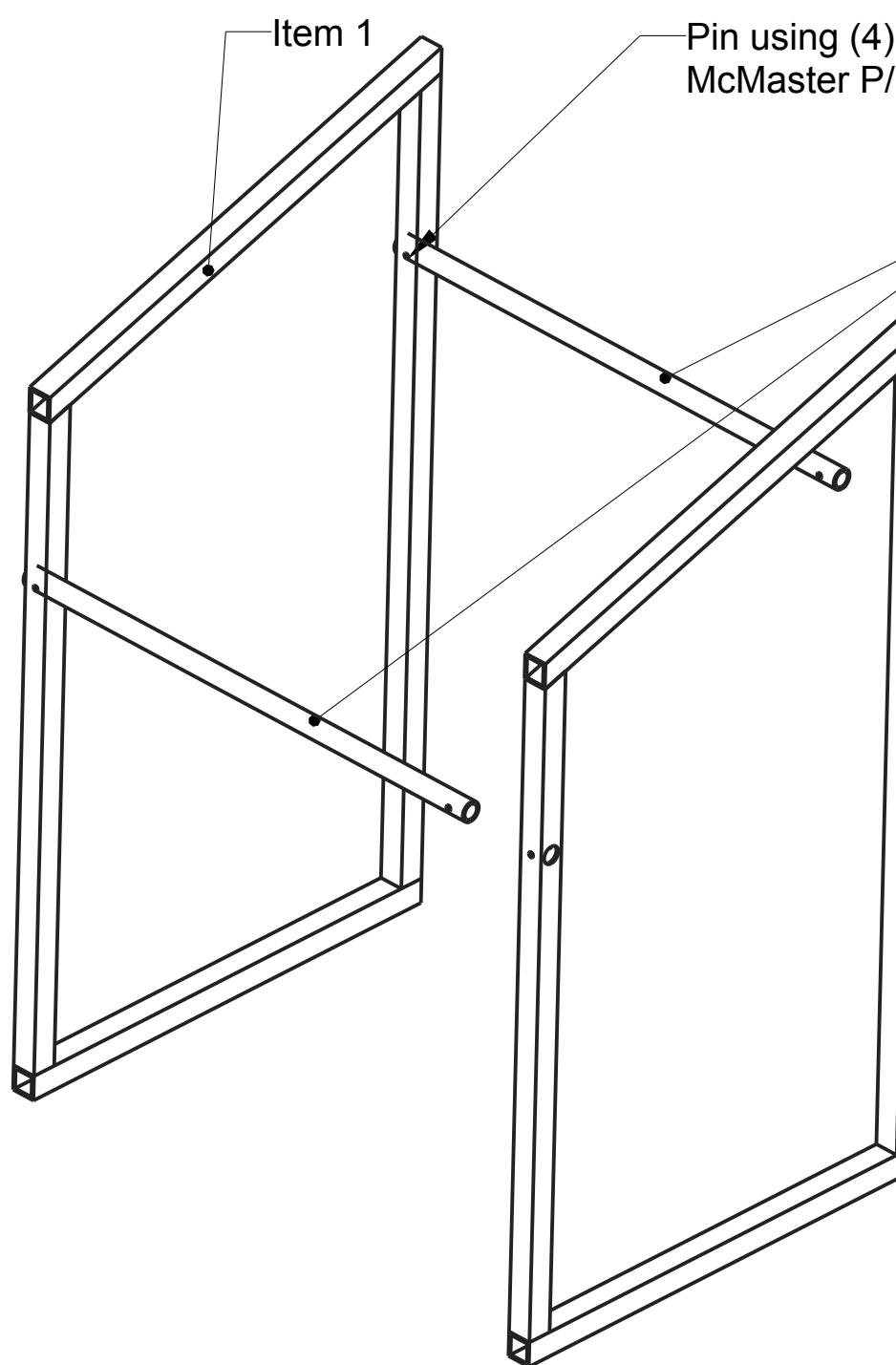
## Hook and Loop Application - GE-17280

1. Apply two, 14" long strips of adhesive backed loop fastener to one side of the plastic, on the edges noted. Fastener should start at the top edge and run adjacent to the sides.
2. Attach hook fastener to the loop fastener applied in Step 1. Do not remove the protective plastic from the adhesive side of the loop fastener.

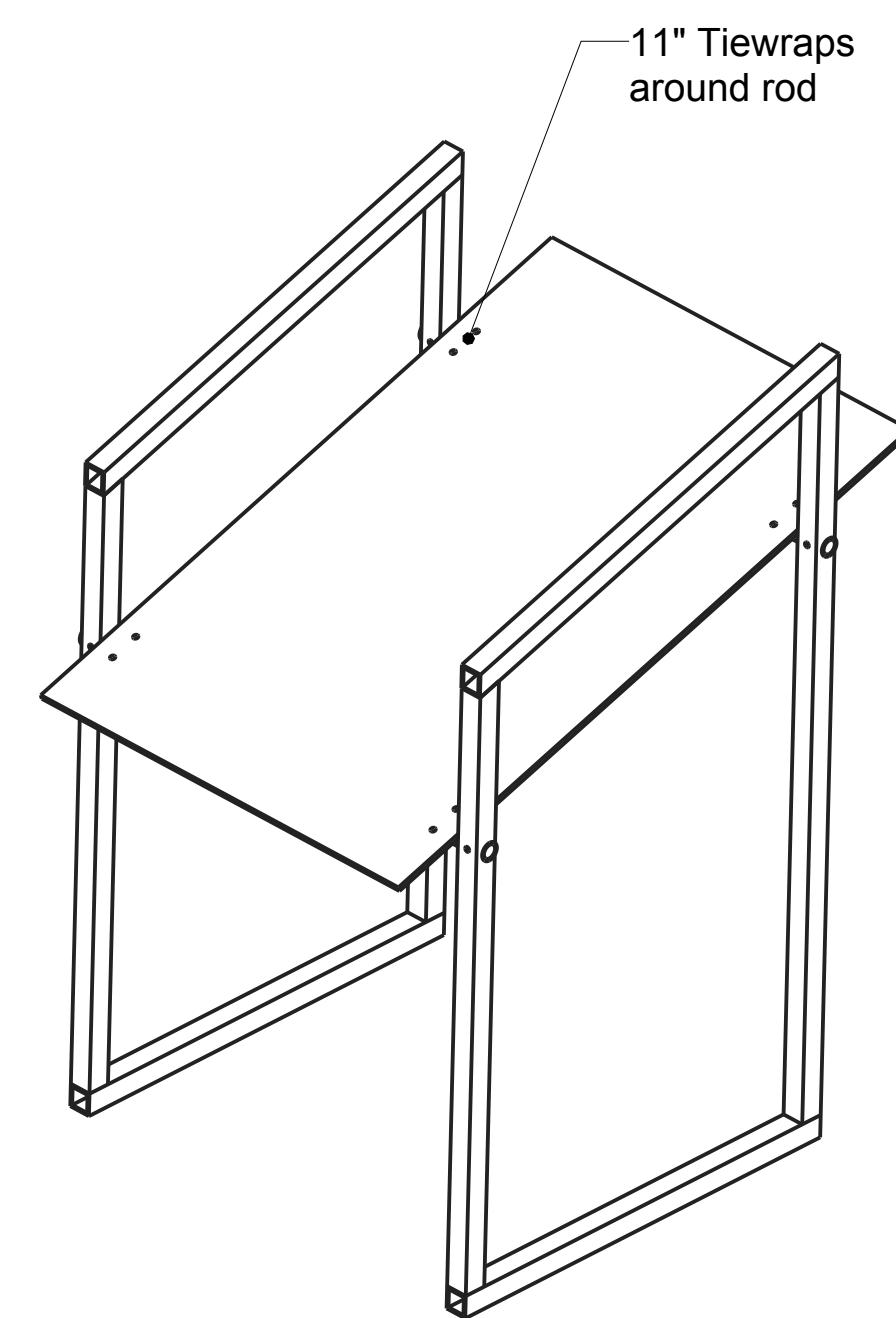
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	SCALE 1:6	SHEET 2 OF 4
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DO NOT SCALE	PROJECT	MODEL NAME GE-17363
		ISSUE

MODEL NAME  
GE-17363

TITLE  
Chute Assembly



Step 1:  
Attach Item 2 (Qty. 2) to Item 1  
then attach second fram (Item 1)  
and pin rods to holes. Make sure  
the hook and loop on the sides  
of the frames are facing inward.



Step 2:  
Attach HDPE Sheet in between frames  
on top of both rods with longer side  
towards top. Tiewrap to around the  
rods

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		SCALE 11:192	SHEET 3 OF 4
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1	TITLE	Chute Assembly	
DO NOT SCALE	PROJECT	MODEL NAME	GE-17363
		ISSUE	

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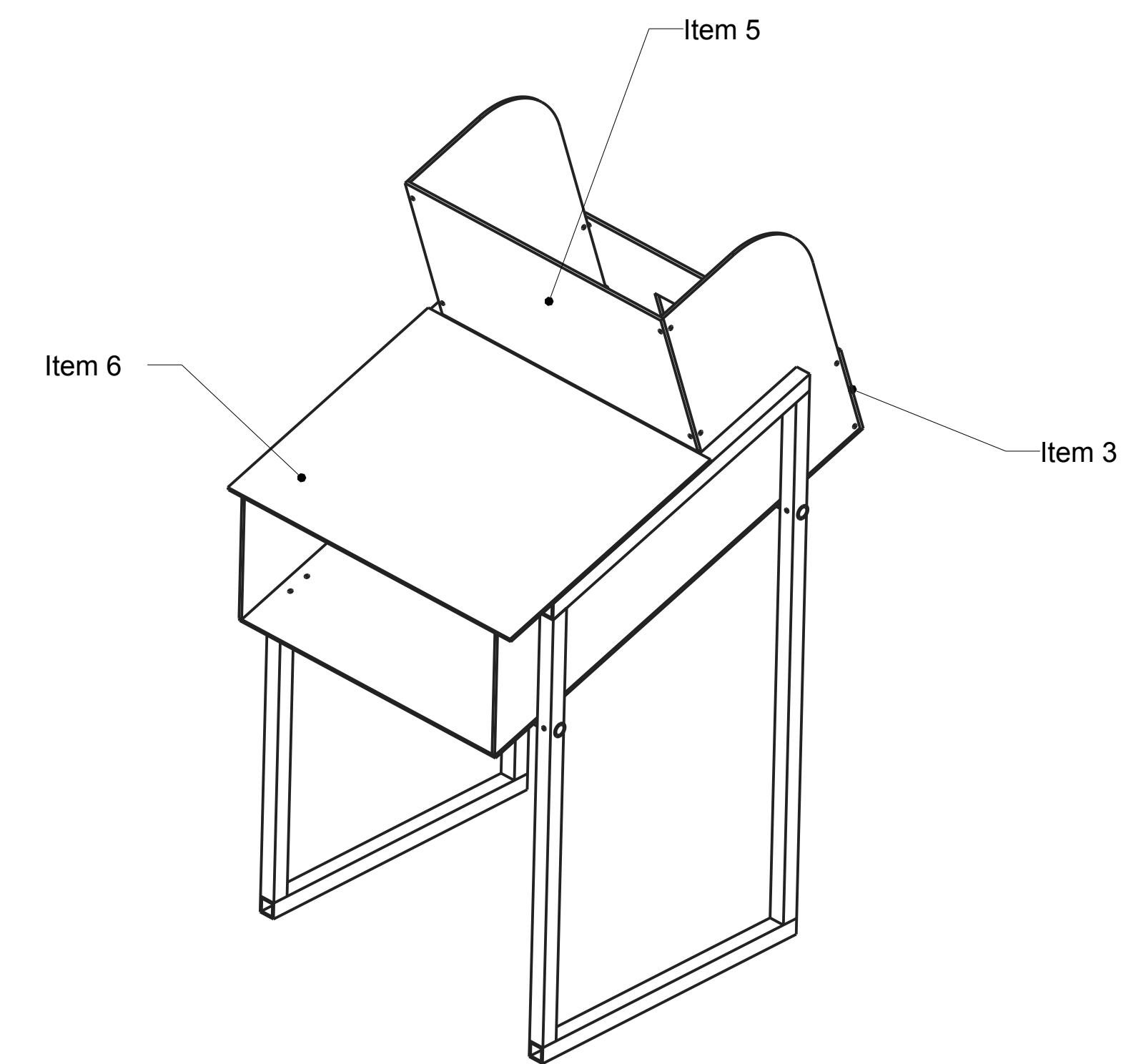
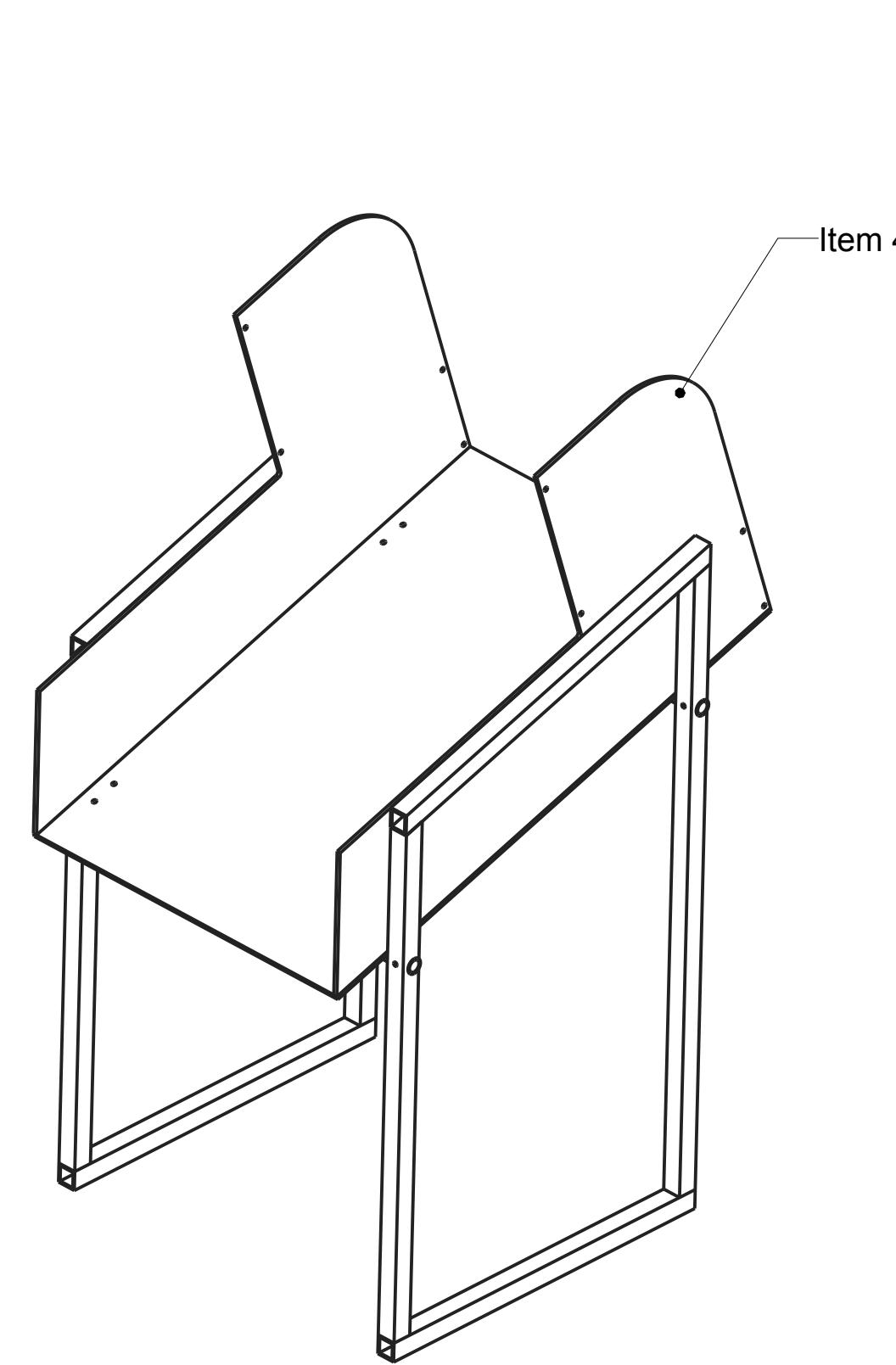
**Step 3:**  
 Remove the protective covering from the loop fastener on the side frames. Carefully align the leading edge of Item 4 with the bottom edge of the ramp surface. Firmly press the plastic on to the exposed adhesive on the loop fastener.

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**Step 4:**

A. Use cable ties to connect Items 3 and 5 to Item 4 (qty. 2).

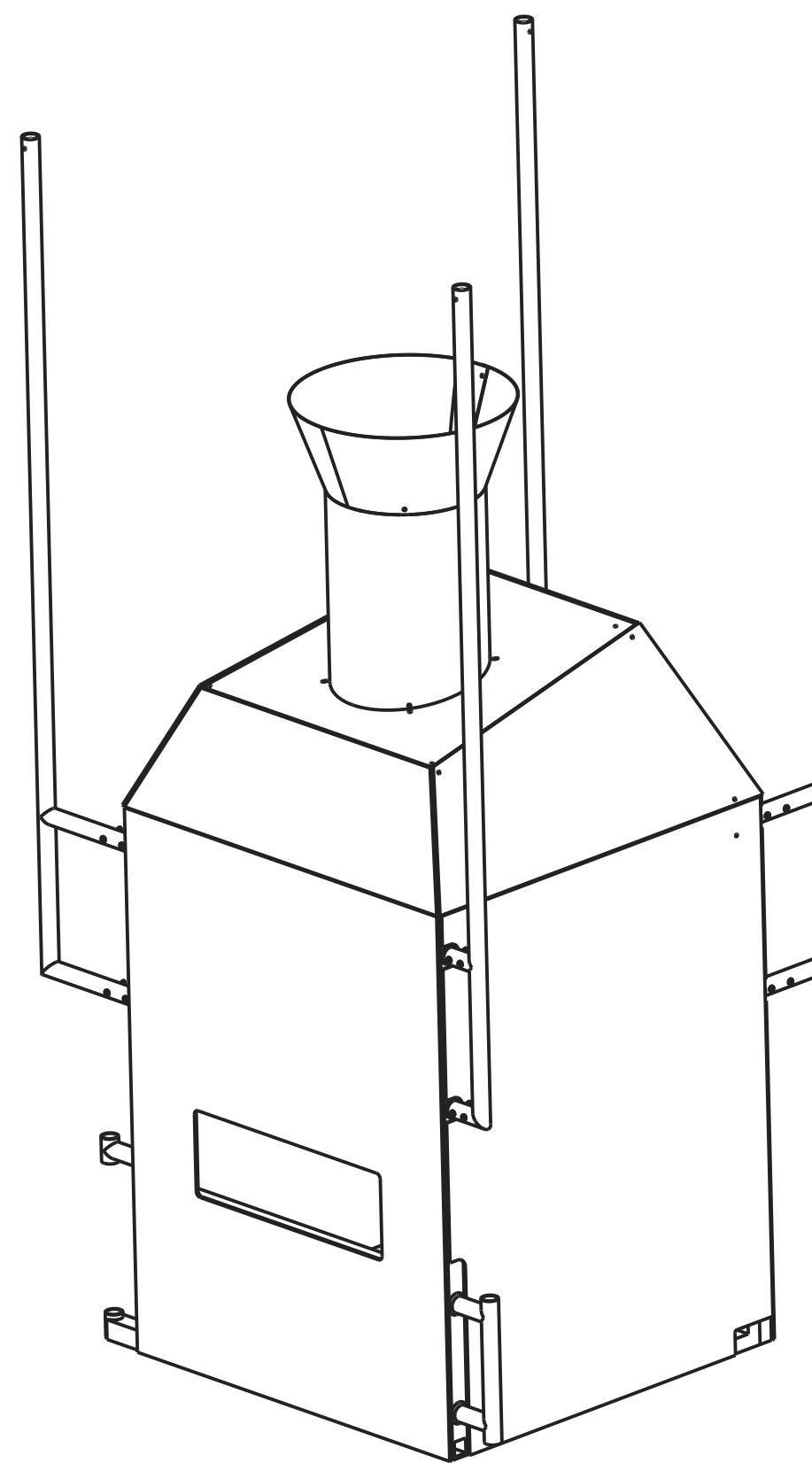
B. Remove the protective coating from the adhesive backing of the hook velcro on Item 6. Firmly press Item 6 on to the side frames as shown.

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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 11:192	SHEET 4 OF 4
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1	TITLE	Chute Assembly	
DO NOT SCALE	PROJECT	MODEL NAME	GE-17363
		ISSUE	

MODEL NAME GE-17371	TITLE
------------------------	-------

ITEM NO	PART NUMBER	QTY	DESCRIPTION
1	GE-17203	1	frame_with_velcro_-ge-17203_1_.prt
2	GE-17210	1	ge-17210.prt
3	GE-17371_NUT_1	19	Steel Nylon Insert Lock Nut, 1/4"-20
4	GE-17371_SCREW_1	22	Phillips Flat Head 1/4"-20 x 4"
5	GE-17371_SCREW_2	16	Phillips Pan Head, 1/4"-20 x 2-1/4"
6	GE-17371_SCREW_4	19	Phillips Pan Head 1/4"-20" x 5/8"
7	GE-17371_VELCRO_1	1	__tmp__name__.prt
8	GE-17371_VELCRO_10	1	__tmp__name__.prt
9	GE-17371_VELCRO_11	1	__tmp__name__.prt
10	GE-17371_VELCRO_12	1	part_22.prt
11	GE-17371_VELCRO_13	1	__tmp__name__.prt
12	GE-17371_VELCRO_14	1	__tmp__name__.prt
13	GE-17371_VELCRO_15	1	__tmp__name__.prt
14	GE-17371_VELCRO_16	1	__tmp__name__.prt
15	GE-17371_VELCRO_17	1	__tmp__name__.prt
16	GE-17371_VELCRO_18	1	__tmp__name__.prt
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23	GE-17371_VELCRO_24	1	part_41.prt
24	GE-17371_VELCRO_25	1	part_42.prt
25	GE-17371_VELCRO_26	1	__tmp__name__.prt
26	GE-17371_VELCRO_3	1	__tmp__name__.prt
27	GE-17371_VELCRO_4	1	__tmp__name__.prt
28	GE-17371_VELCRO_5	1	__tmp__name__.prt
29	GE-17371_VELCRO_6	1	__tmp__name__.prt
30	GE-17371_VELCRO_7	1	__tmp__name__.prt
31	GE-17371_VELCRO_8	1	__tmp__name__.prt
32	GE-17371_VELCRO_9	1	__tmp__name__.prt
33	GE-17371_WINGNUT_1	38	Wing Nut, 1/4"-20
34	GE-17372	1	ge-17372.prt
35	GE-17373	2	ge-17373.prt
36	GE-17374	1	ge-17374.prt
37	GE-17375	1	ge-17375.prt
38	GE-17376	1	ge-17376.prt
39	GE-17377	2	ge-17377-1080.prt
40	GE-17378	1	ge-17378.prt
41	GE-17396	1	ge-17396.prt
42	GE-17397	1	ge-17397.prt
43	GE-17398	1	ge-17398.prt
44	GE-17399	2	ge-17399-990.prt
45	GE-17401	1	ge-17401.prt
46	GE-17402	1	ge-17401.prt
47	GE-17403	2	ge-17401.prt
48	GE-17405	4	Bracket, Grainger Part 4PB60

## Overview of Assembly

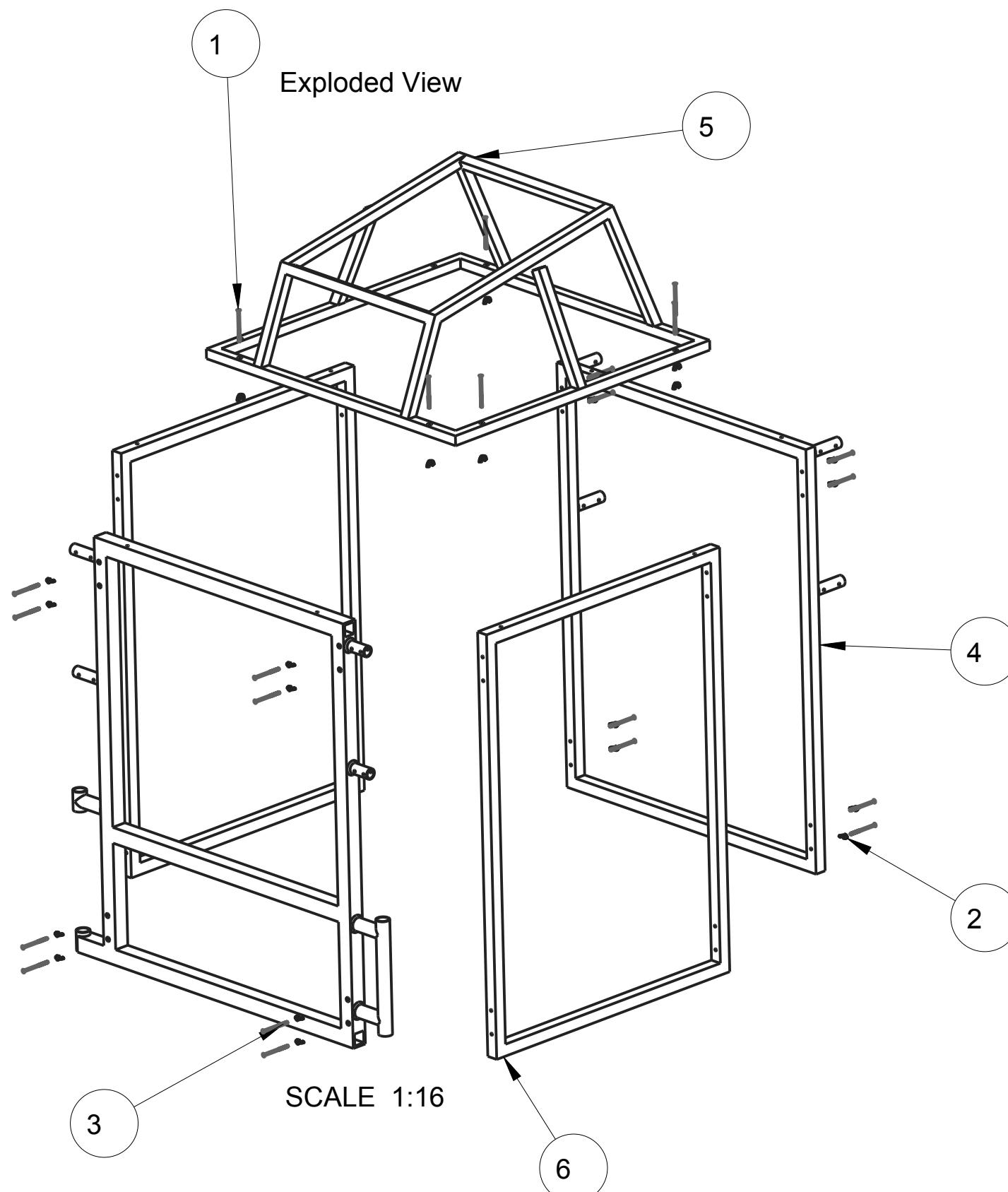


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DO NOT SCALE		PROJECT	
MODEL NAME		ISSUE	
GE-17371		1	

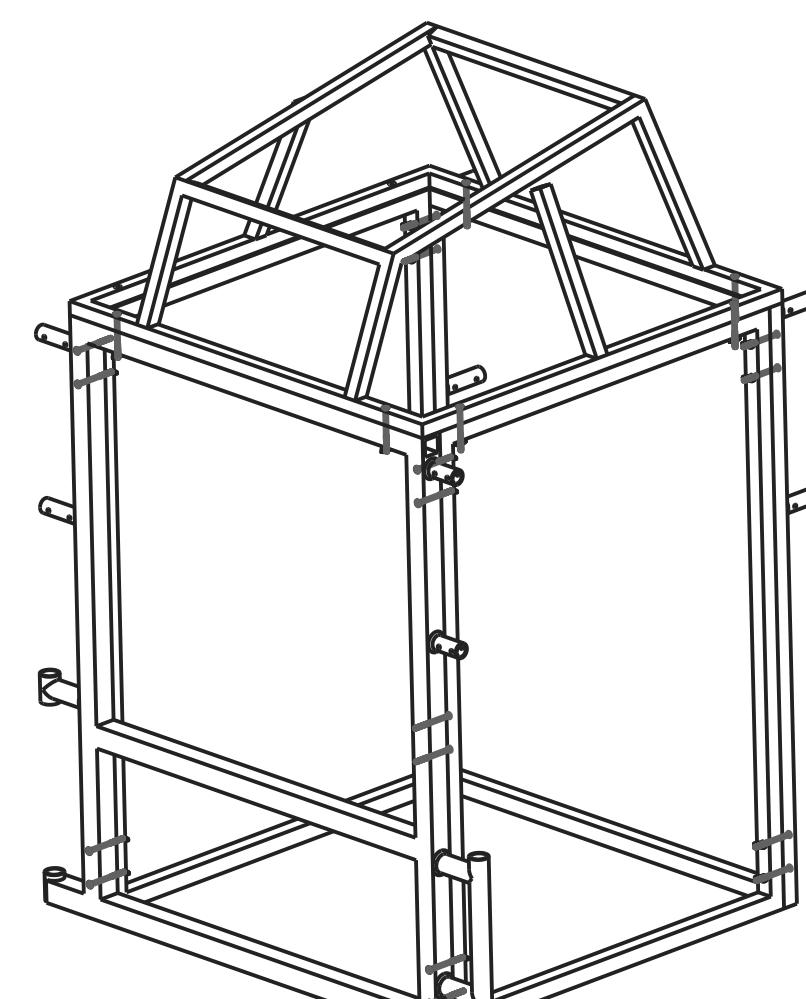
MODEL NAME GE-17371	TITLE
------------------------	-------

## Frame Assembly



ITEM NO	PART NUMBER	QTY	DESCRIPTION
1	GE-17371_SCREW_1	22	Phillips Flat Head 1/4"-20 x 4"
2	GE-17371_WINGNUT_1	22	Wing Nut, 1/4"-20
3	GE-17396	1	ge-17396.prt
4	GE-17397	1	ge-17397.prt
5	GE-17398	1	ge-17398.prt
6	GE-17399	2	ge-17399-990.prt

Assembled View

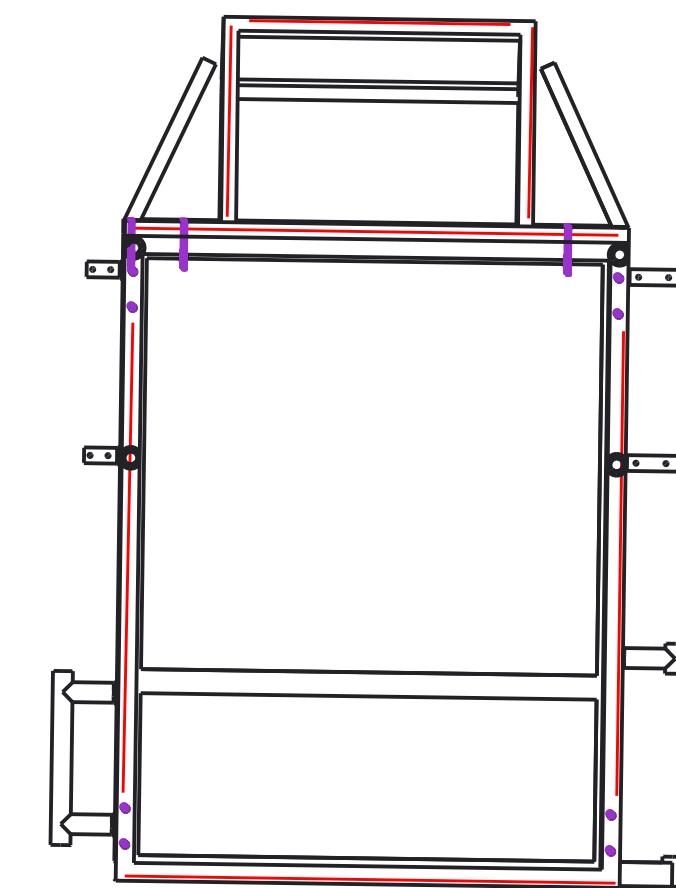
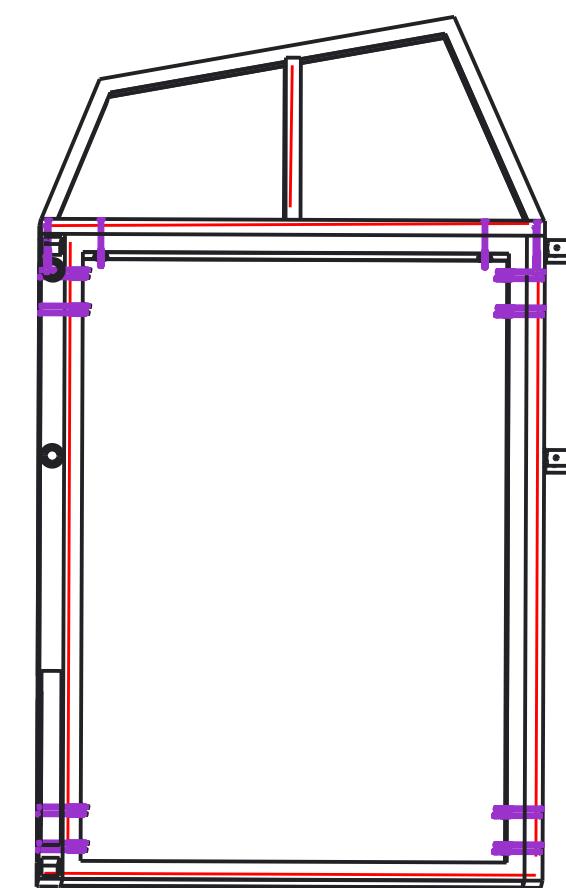
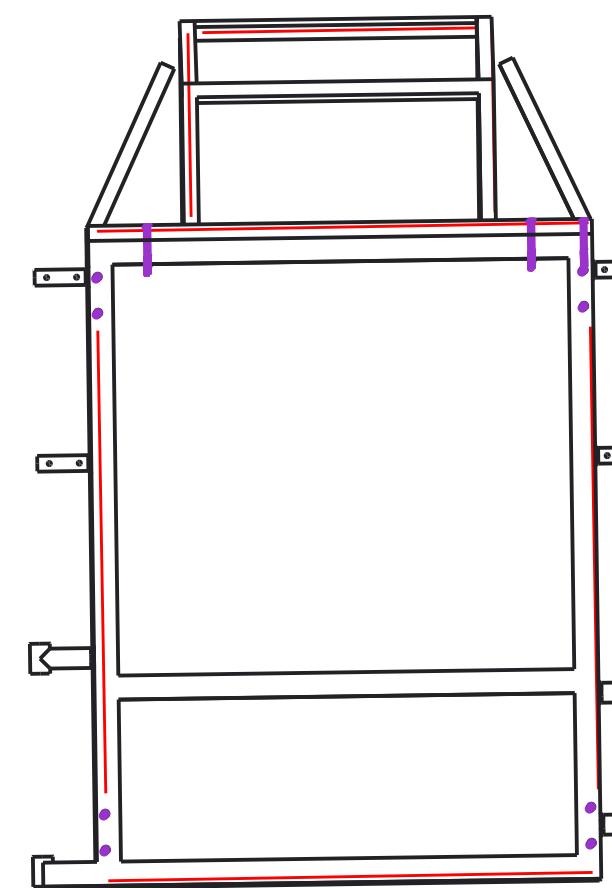
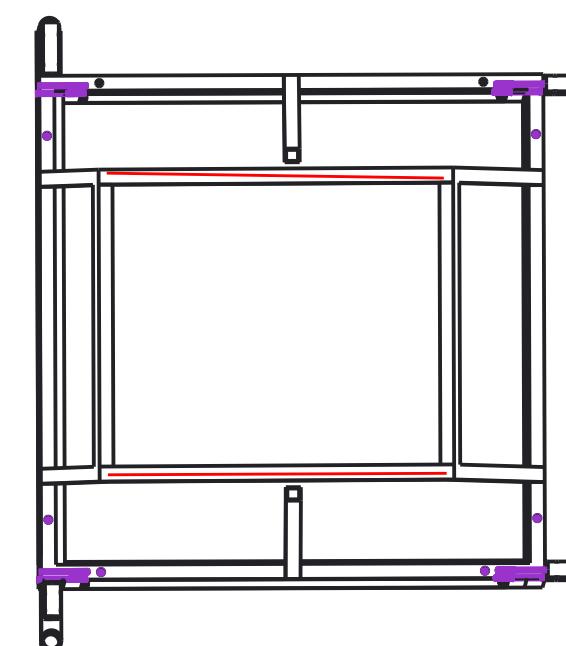


Assembling the frame requires the 5 frame pieces to be put together as shown and attached using the screws and wingnuts

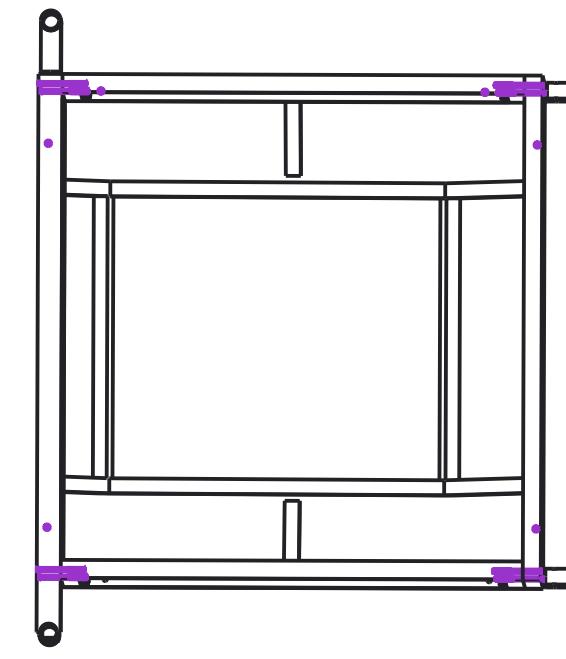
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DO NOT SCALE		TITLE	
		PROJECT	
		MODEL NAME	ISSUE
		GE-17371	

## Hook and Loop Diagram

Red lines indicate hook attachment locations  
 Loop is connected to corresponding plastic pieces

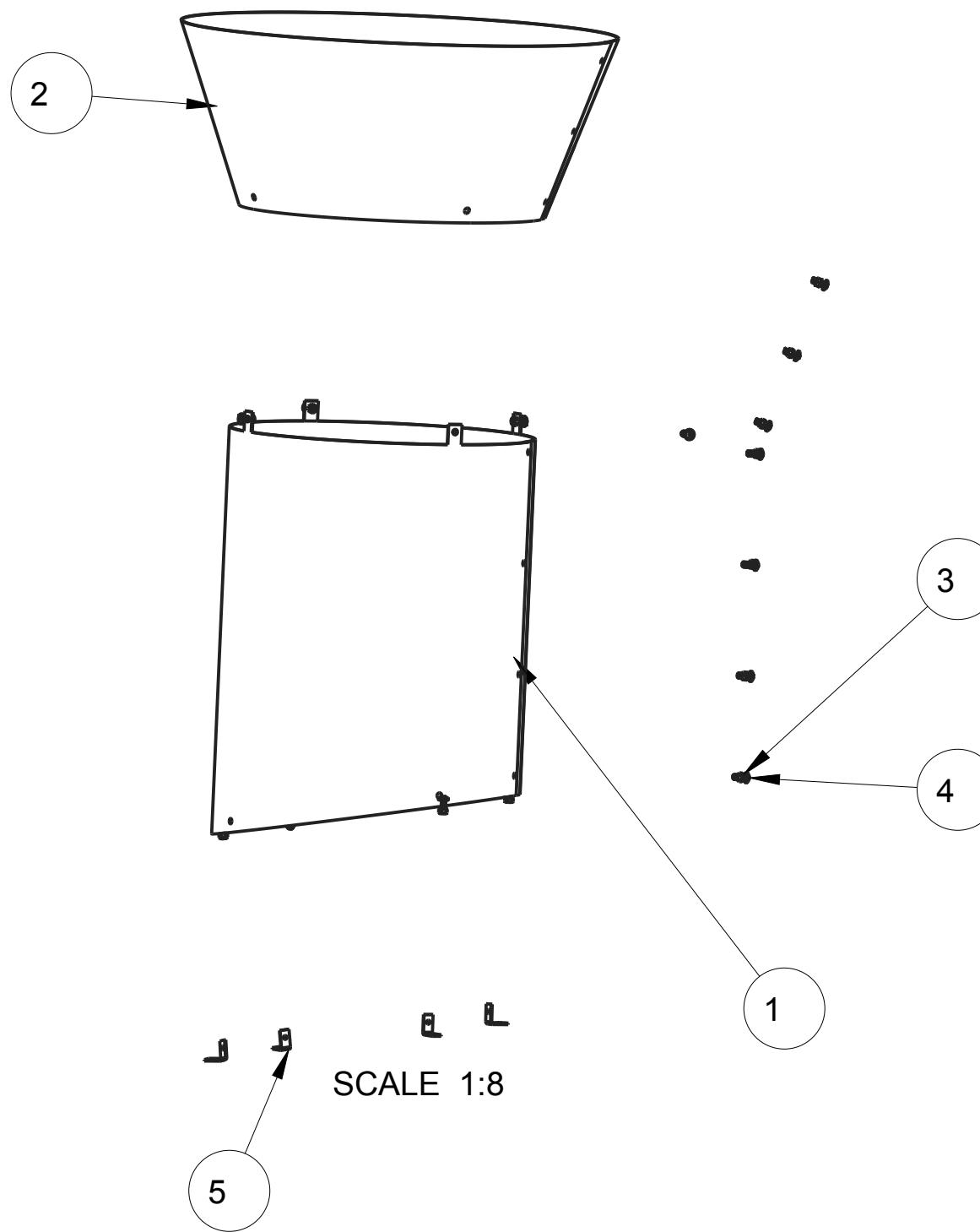


SCALE 1:16



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		SCALE 5:192	SHEET 3 OF 7	
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DO NOT SCALE		TITLE		
PROJECT		MODEL NAME	GE-17371	
ISSUE				

## Top Goal Assembly

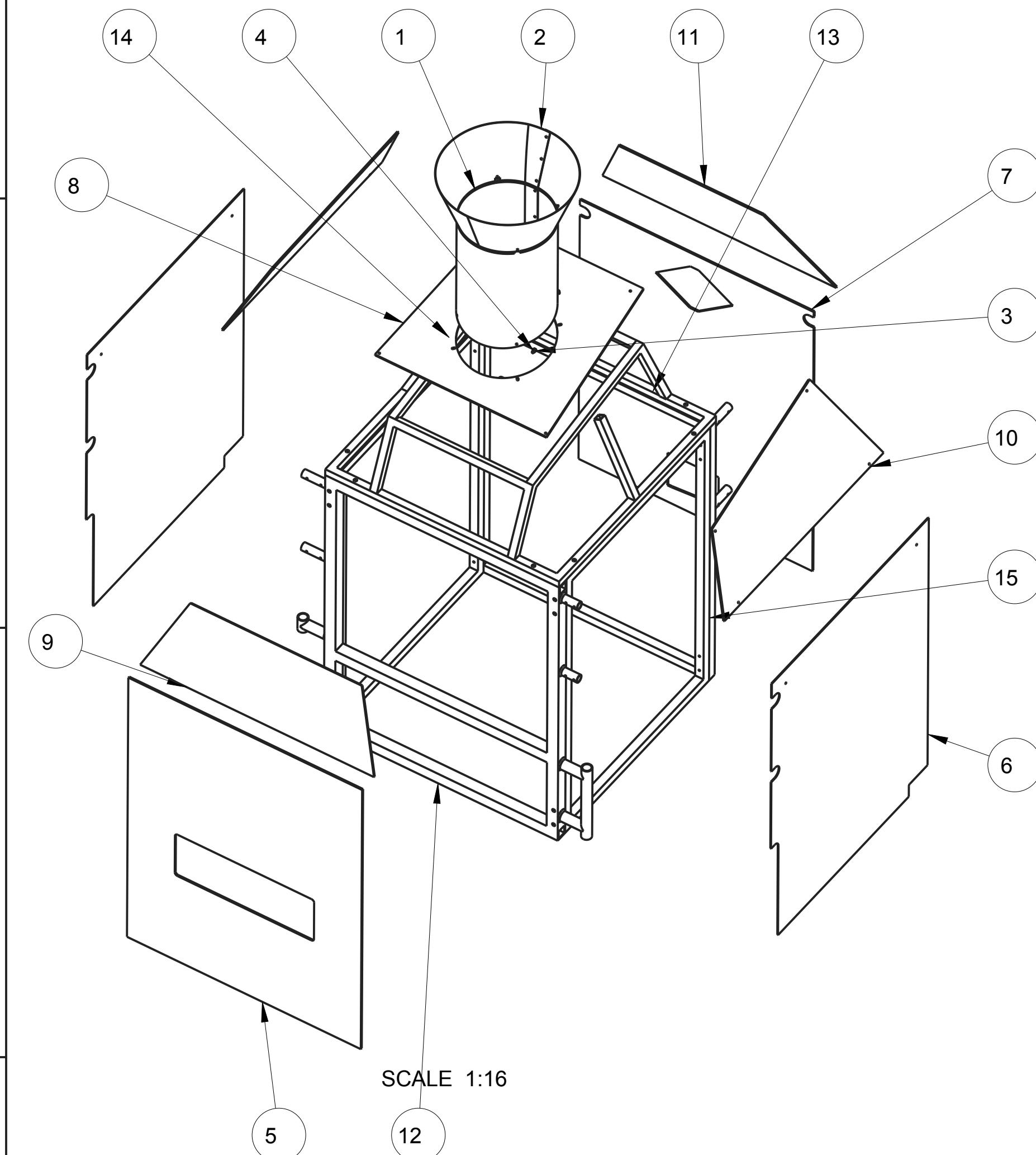


ITEM NO	PART NUMBER	QTY	DESCRIPTION
1	GE-17203	1	frame_with_velcro_-_ge-17203_1_.prt
2	GE-17210	1	ge-17210.prt
3	GE-17371_NUT_1	15	Steel Nylon Insert Lock Nut, 1/4"-20
4	GE-17371_SCREW_4	14	Phillips Pan Head 1/4-20" x 5/8"
5	GE-17405	4	Bracket, Grainger Part 4PB60

The Top goal is assembled from two flat pieces of plastic that are fastend together with screws. These two piece are then attached together before being mounted on the assembly using brackets (item 5)

	<p>FIRST</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 5:192	SHEET 4 OF 7
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	ISSUE
	GE-17371		

## Outer Plastic Assembly



ITEM NO	PART NUMBER	QTY	DESCRIPTION
1	GE-17203	1	frame_with_velcro_-_ge-17203_1_.prt
2	GE-17210	1	ge-17210.prt
3	GE-17371_NUT_1	7	Steel Nylon Insert Lock Nut, 1/4"-20
4	GE-17371_SCREW_4	8	Phillips Pan Head 1/4-20" x 5/8"
5	GE-17372	1	ge-17372.prt
6	GE-17373	2	ge-17373.prt
7	GE-17374	1	ge-17374.prt
8	GE-17375	1	ge-17375.prt
9	GE-17376	1	ge-17376.prt
10	GE-17377	2	ge-17377-1080.prt
11	GE-17378	1	ge-17378.prt
12	GE-17396	1	ge-17396.prt
13	GE-17397	1	ge-17397.prt
14	GE-17398	1	ge-17398.prt
15	GE-17399	2	ge-17399-990.prt

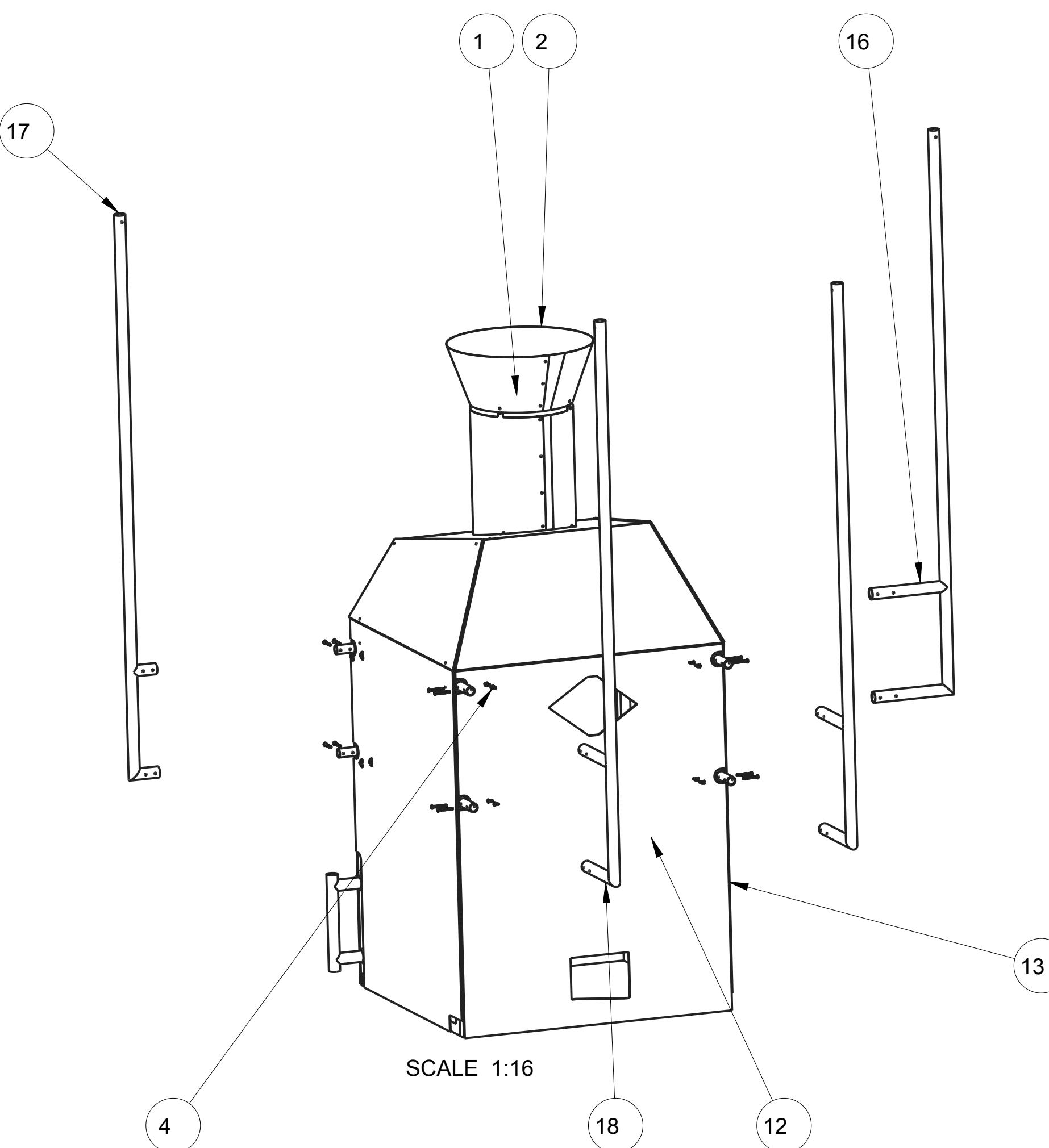
The flat pieces are placed with the vinyl covering outward

The flat pieces attaches to the frame using hook and loop as shown in sheet 3 of the assembly packet

The top goal is attached using the brackets as shown in sheet 4

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	APPROVED BY	DATE
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SCALE 5:192 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		
DO NOT SCALE		
TITLE		
PROJECT		
MODEL NAME GE-17371		
ISSUE		

MODEL NAME GE-17371	TITLE
------------------------	-------



ITEM NO	PART NUMBER	QTY	DESCRIPTION
1	GE-17203	1	frame_with_velcro_-_ge-17203_1_.prt
2	GE-17210	1	ge-17210.prt
3	GE-17371_SCREW_2	16	Phillips Pan Head, 1/4"-20 x 2-1/4"
4	GE-17371_WINGNUT_1	16	Wing Nut, 1/4"-20
5	GE-17372	1	ge-17372.prt
6	GE-17373	2	ge-17373.prt
7	GE-17374	1	ge-17374.prt
8	GE-17375	1	ge-17375.prt
9	GE-17376	1	ge-17376.prt
10	GE-17377	2	ge-17377-1080.prt
11	GE-17378	1	ge-17378.prt
12	GE-17396	1	ge-17396.prt
13	GE-17397	1	ge-17397.prt
14	GE-17398	1	ge-17398.prt
15	GE-17399	2	ge-17399-990.prt
16	GE-17401	1	ge-17401.prt
17	GE-17402	1	ge-17401.prt
18	GE-17403	2	ge-17401.prt
19	GE-17405	4	Bracket, Grainger Part 4PB60

The poles to hold the net are attached using the mounts built into the frame  
Each short end is secured in place with screws and wingnuts as shown

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	APPROVED BY	DATE
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SCALE 5:192 SHEET 6 OF 7		
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1		
DO NOT SCALE		
TITLE		
PROJECT		
MODEL NAME GE-17371		
ISSUE		

D

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C

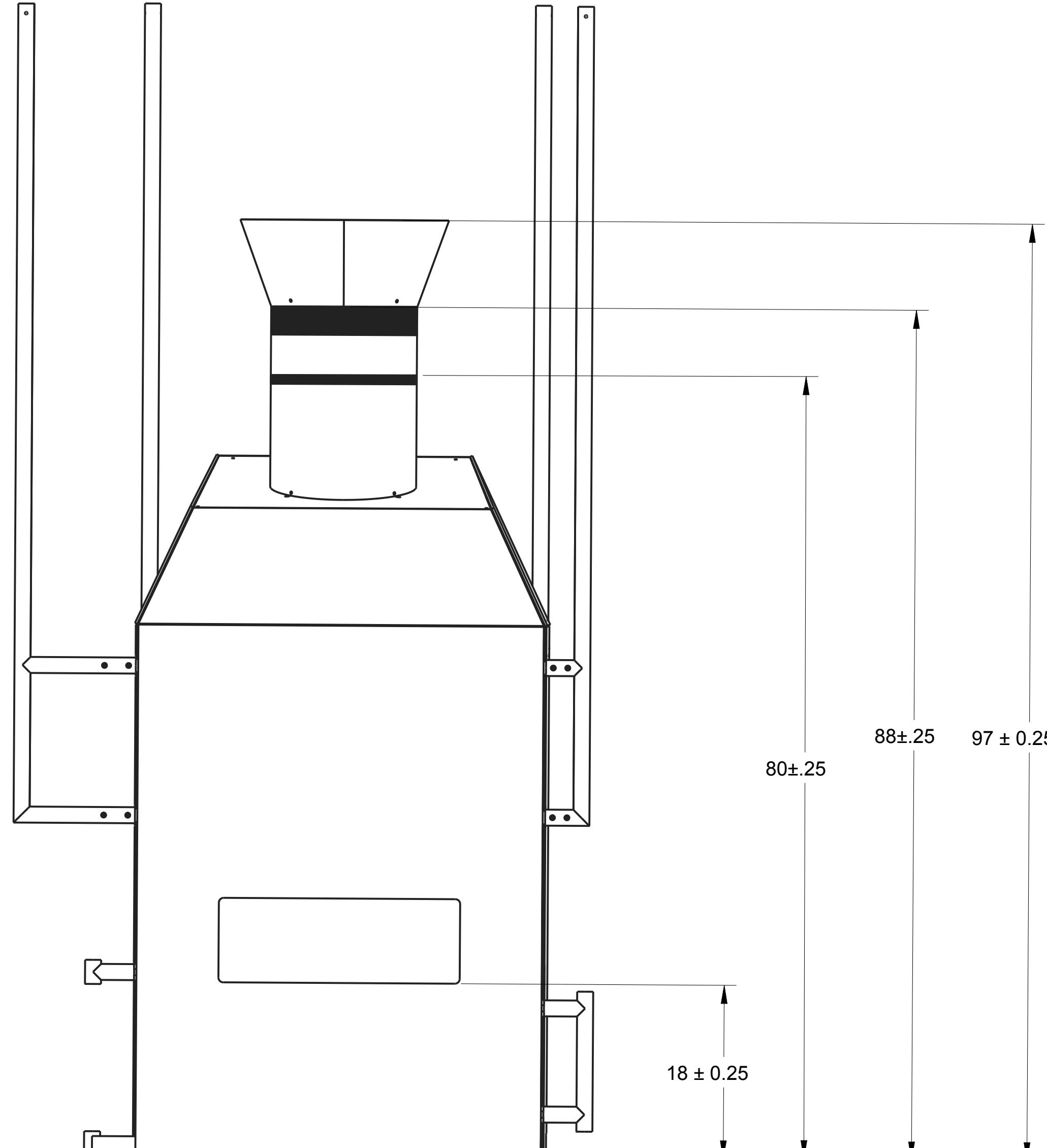
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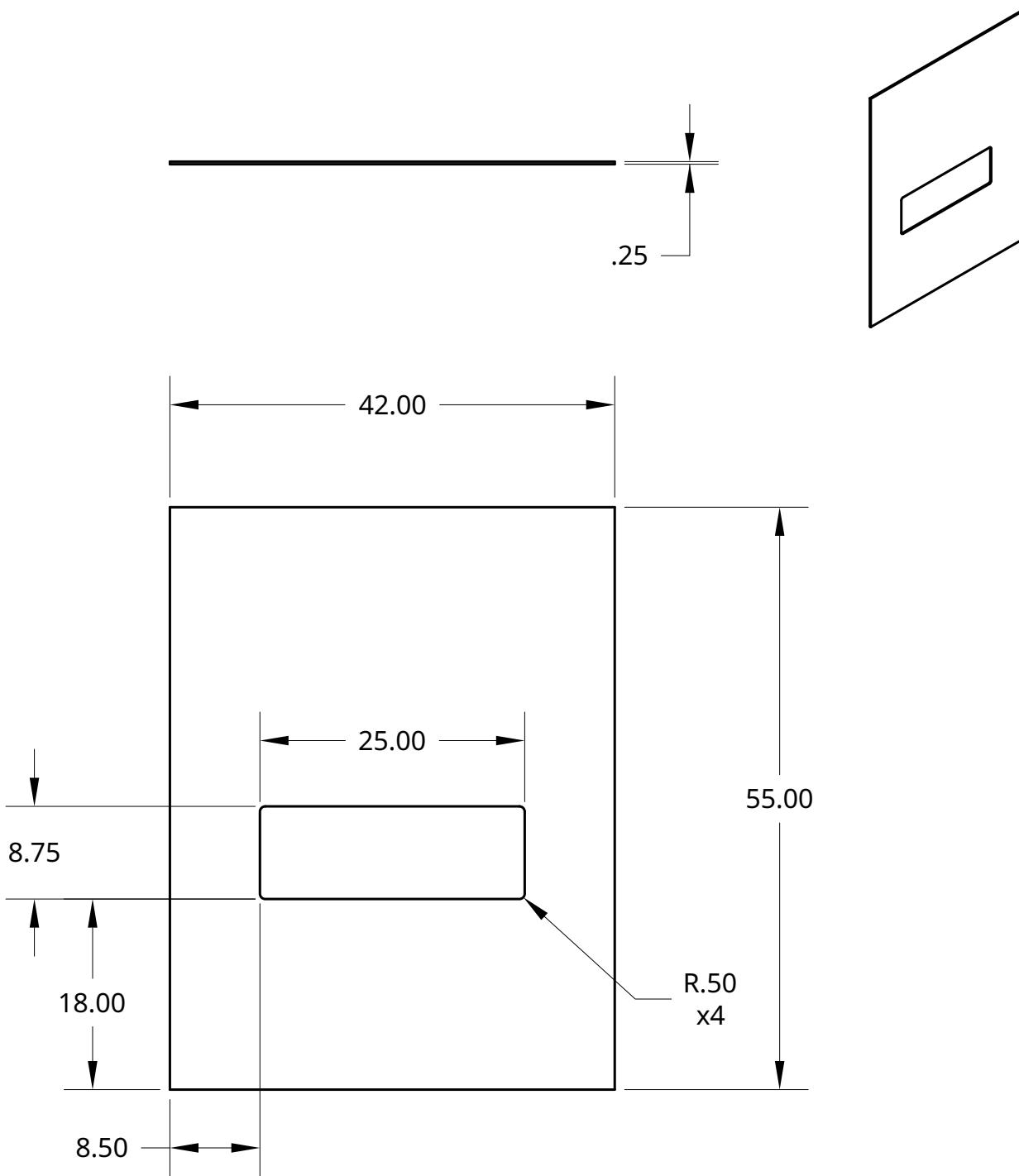
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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 5:192	SHEET 7 OF 7
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX +/- 0.01 XXX +/- 0.001 ANG +/- 1	TITLE	
DO NOT SCALE	PROJECT	MODEL NAME GE-17371
	ISSUE	



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES .XX = ±.0- .XXX = ±.00- .XXXX = ±.000-			NAME	DATE	GE-17372 Drawing 1		
SURFACE FINISH ✓		DRAWN	Jasmine Florentine	12/12/2016			
DO NOT SCALE DRAWING		CHECKED			TITLE		
BREAK ALL SHARP EDGES AND REMOVE BURRS		APPROVED					
THIRD ANGLE PROJECTION	MATERIAL 1/4" Polycarb	FINISH	SIZE A	DWG NO. -----	REV. -		
			SCALE 0.0667:1	WEIGHT		SHEET 1 of 1	



2

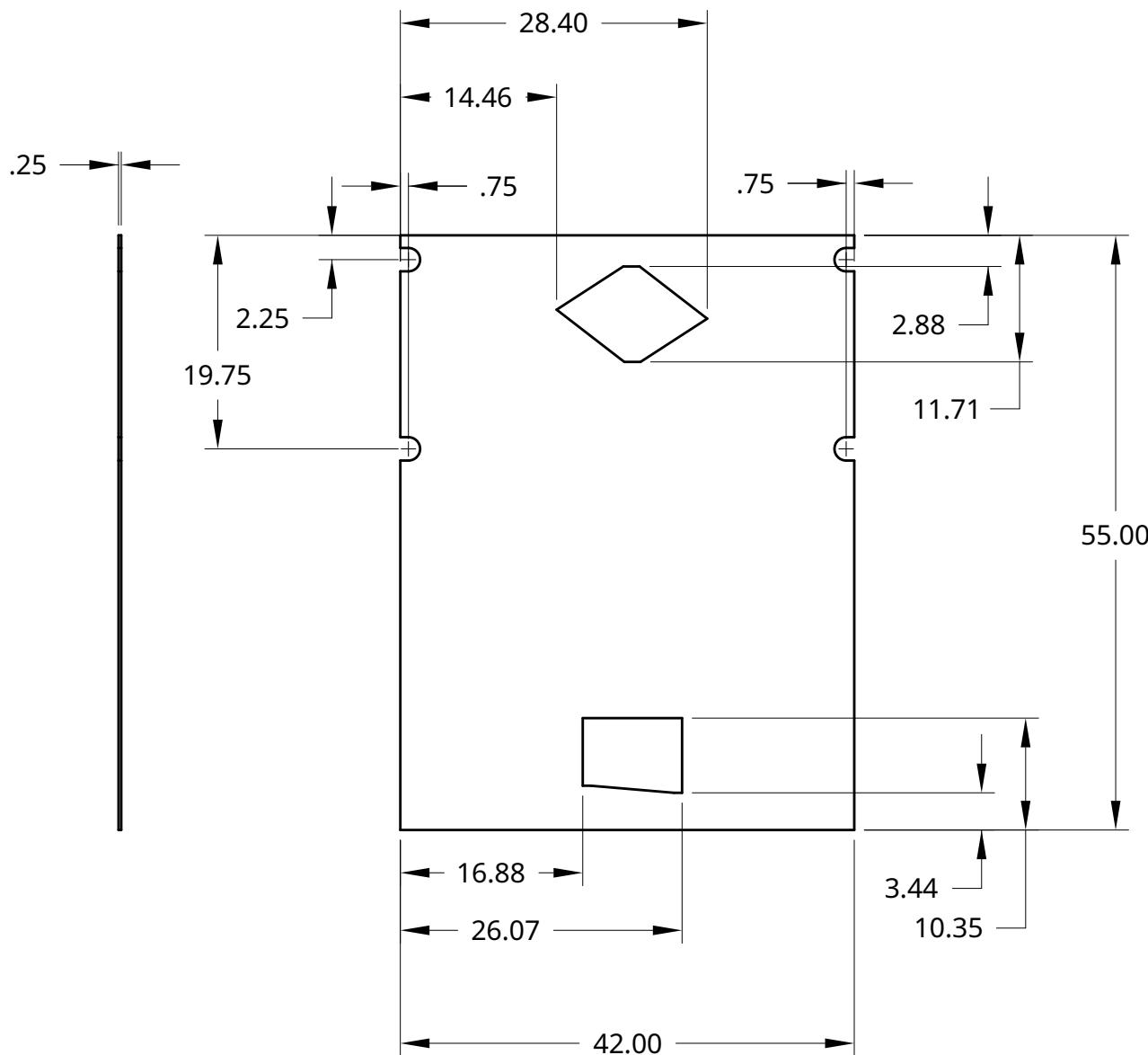
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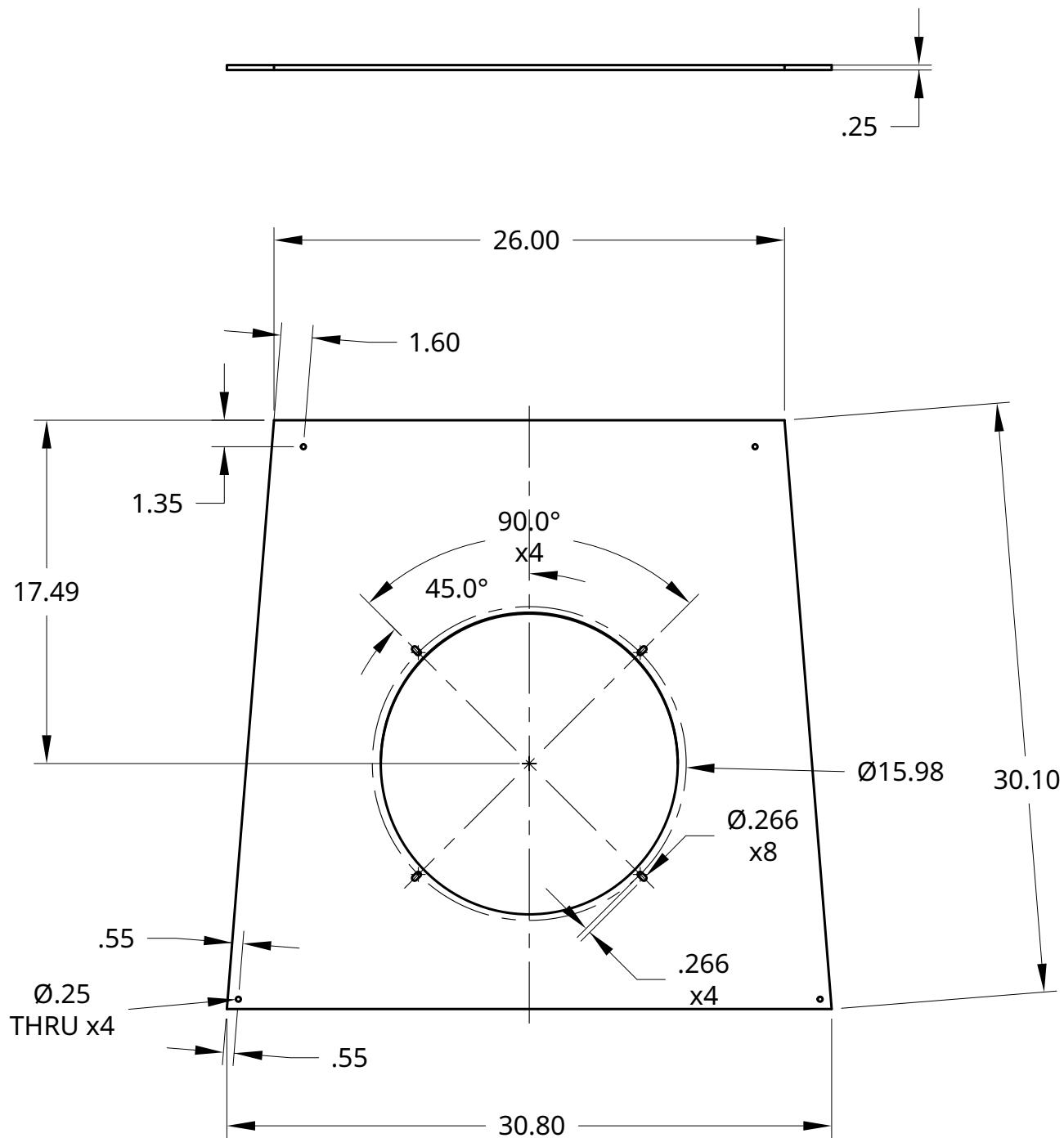
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SURFACE FINISH ✓		DRAWN	Jasmine Florentine	12/21/2016		
DO NOT SCALE DRAWING		CHECKED		TITLE		
BREAK ALL SHARP EDGES AND REMOVE BURRS		APPROVED		----		
THIRD ANGLE PROJECTION		MATERIAL	FINISH	SIZE	DWG NO.	REV.
		1/4" Clear Polycarb	None	A	-----	-
SCALE		0.0667:1	WEIGHT	SHEET		1 of 1

2

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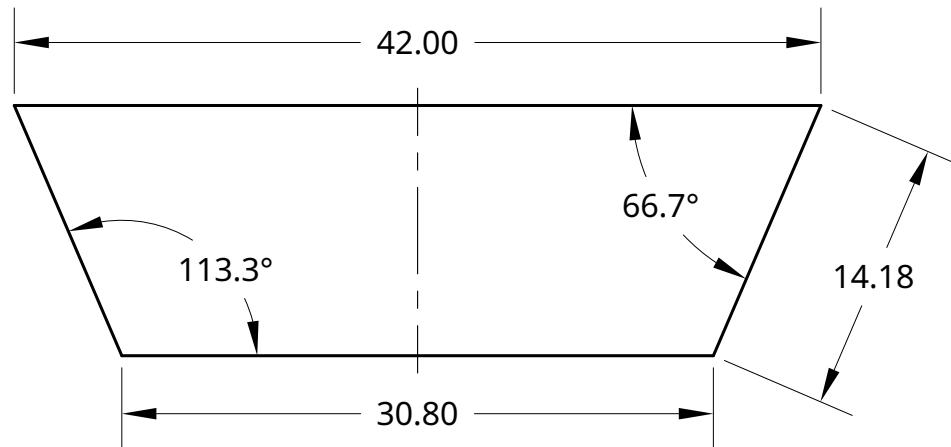
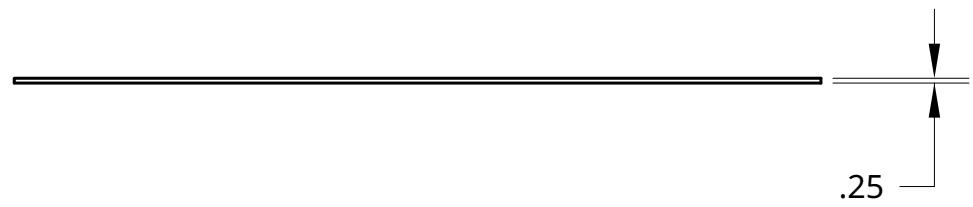
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SURFACE FINISH ✓		DRAWN	Jasmine Florentine	12/20/2016	TITLE		
DO NOT SCALE DRAWING		CHECKED			---		
BREAK ALL SHARP EDGES AND REMOVE BURRS		APPROVED			---		
THIRD ANGLE PROJECTION	MATERIAL 1/4" Polycarb	FINISH None	SIZE A	DWG NO. ---	REV. -		
			SCALE 1:8	WEIGHT		SHEET 1 of 1	

2

1



B

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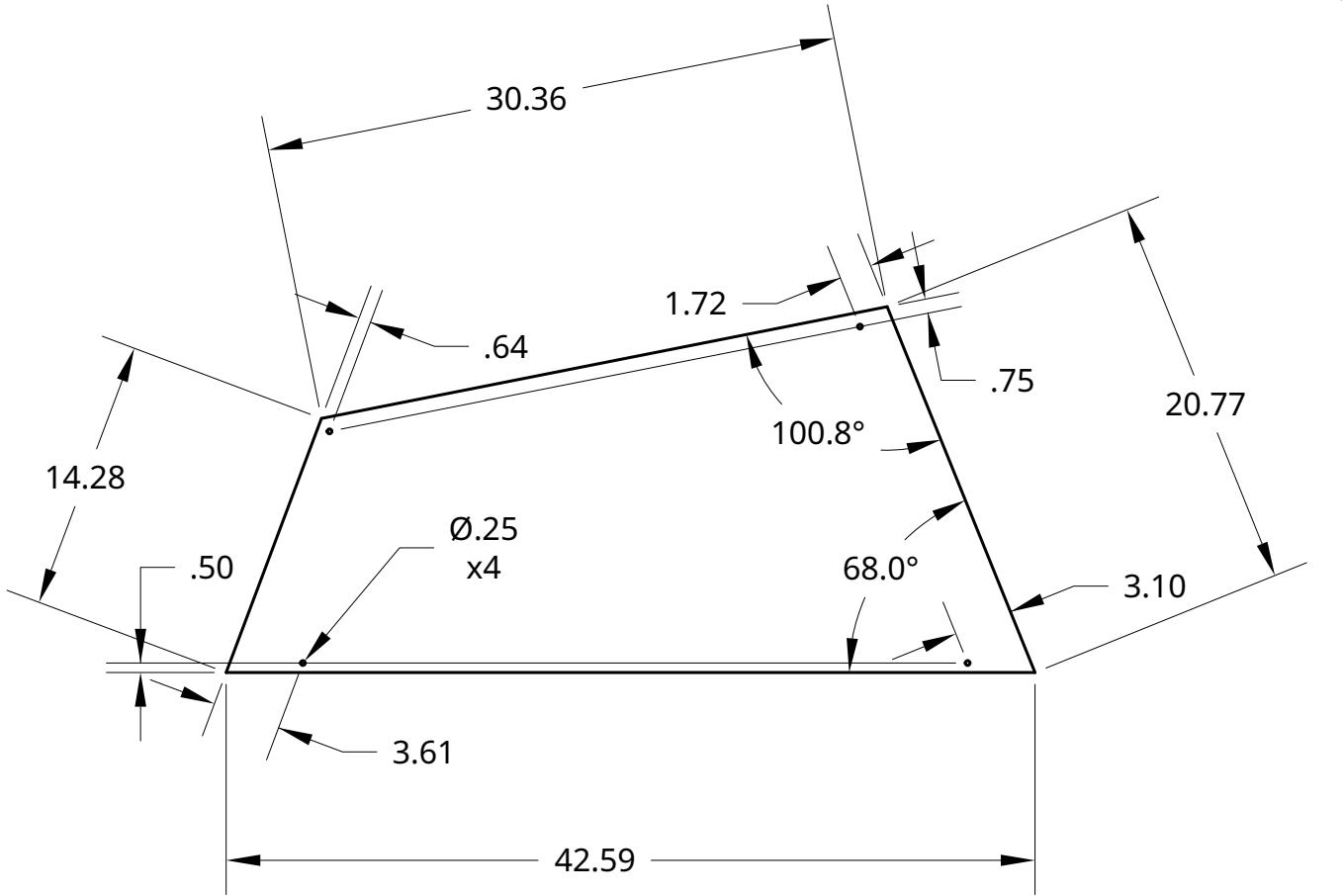
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		CHECKED				TITLE		
		APPROVED						
DO NOT SCALE DRAWING								
BREAK ALL SHARP EDGES AND REMOVE BURRS								
THIRD ANGLE PROJECTION	MATERIAL	FINISH	SIZE	DWG NO.				
	1/4" Polycarb		A					
		SCALE	1:10	WEIGHT				
						SHEET 1 of 1		

B

B



A

A

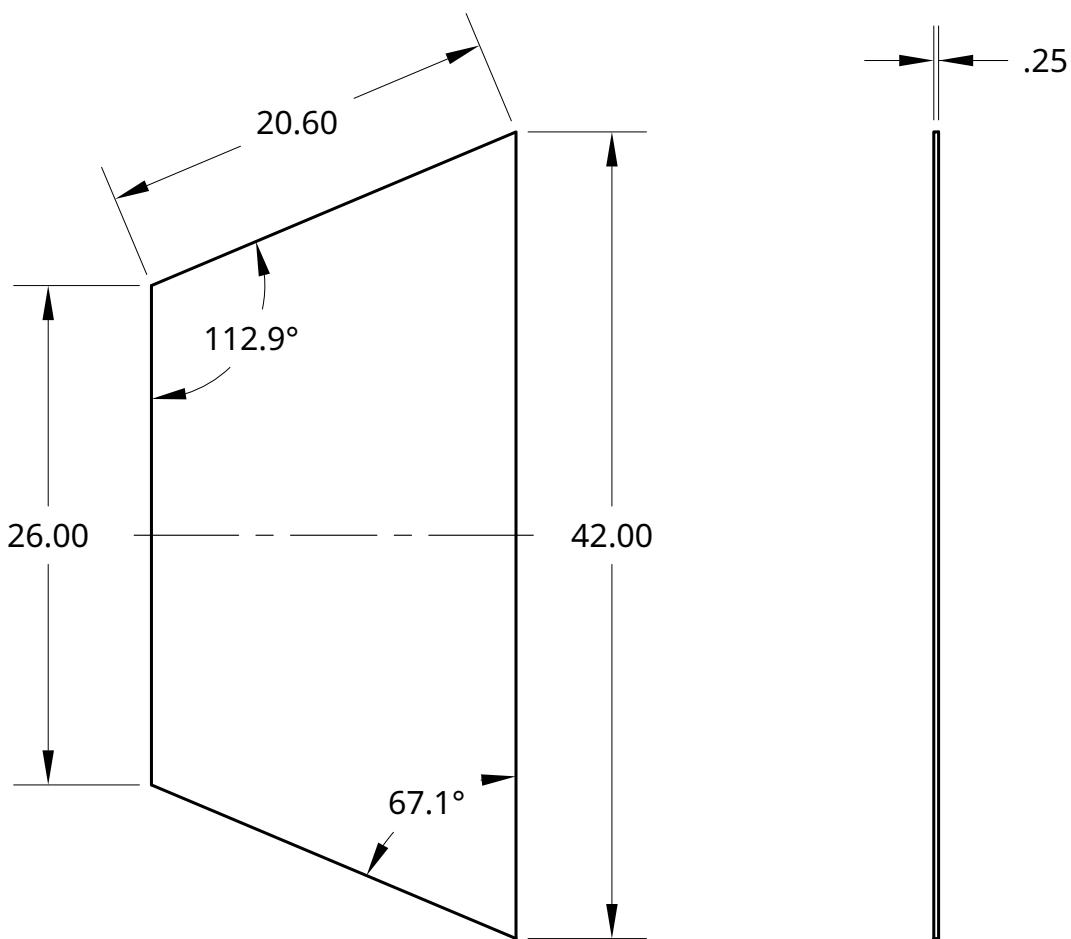
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SURFACE FINISH ✓		CHECKED				TITLE		
DO NOT SCALE DRAWING		APPROVED						
BREAK ALL SHARP EDGES AND REMOVE BURRS								
THIRD ANGLE PROJECTION	MATERIAL	FINISH	SIZE	DWG NO.		REV.		
	1/4" Polycarb		A			-		
	SCALE	1:10	WEIGHT				SHEET	1 of 1

2

1

B

B



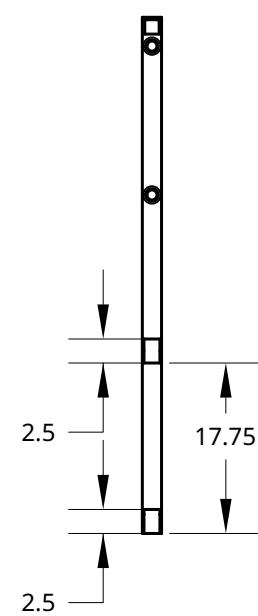
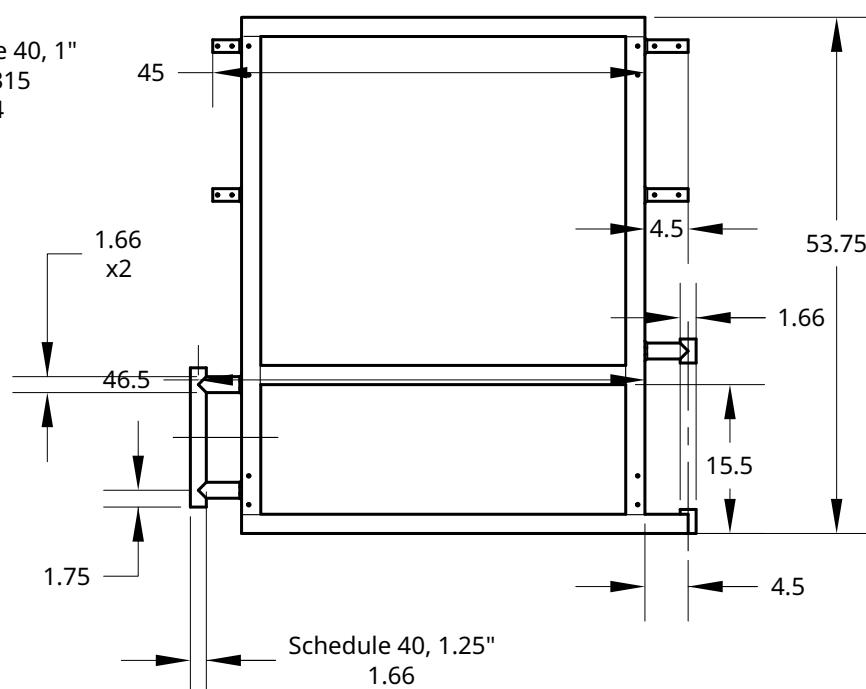
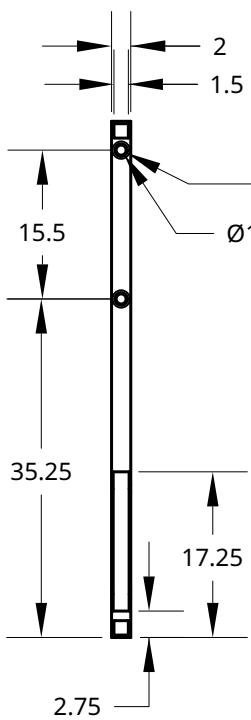
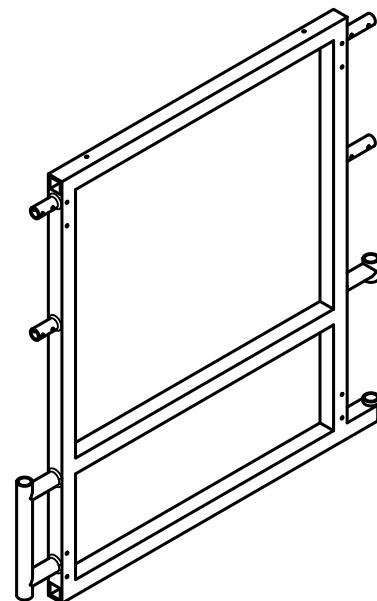
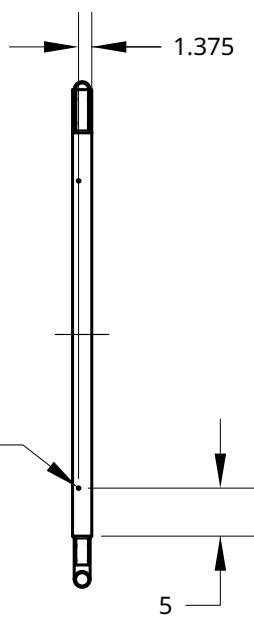
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		DRAWN	Jasmine Florentine	12/12/2016			
		CHECKED			TITLE		
		APPROVED					
DO NOT SCALE DRAWING BREAK ALL SHARP EDGES AND REMOVE BURRS							
THIRD ANGLE PROJECTION	MATERIAL	FINISH			SIZE	DWG NO.	REV.
	1/4" Polycarb			A	-----	-----	-
	SCALE	1:10	WEIGHT		SHEET	1 of 1	

2

1

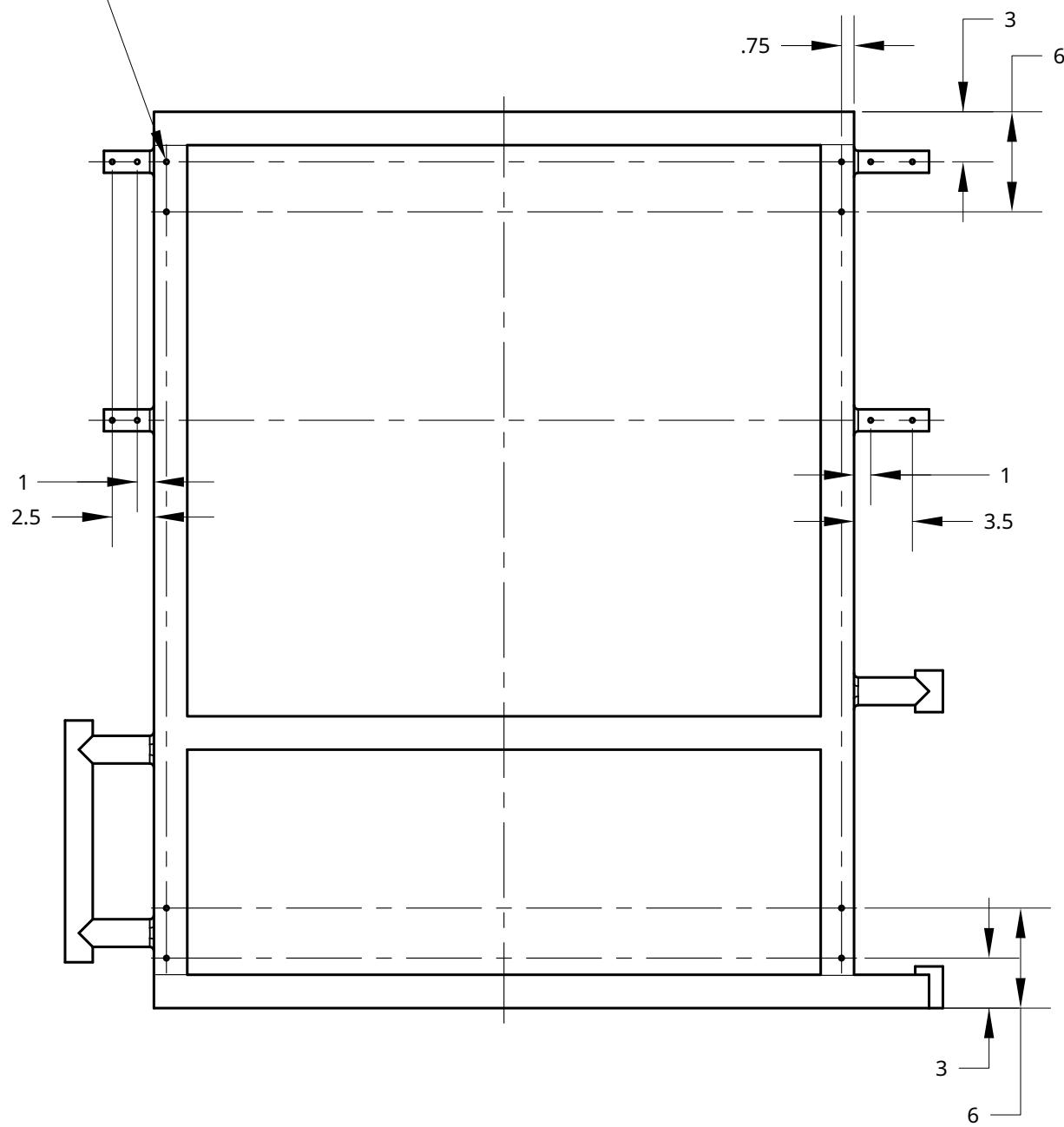


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SURFACE FINISH ✓		DRAWN	Jasmine Florentine	12/08/2016	
DO NOT SCALE DRAWING		CHECKED		TITLE	
BREAK ALL SHARP EDGES AND REMOVE BURRS		APPROVED			
THIRD ANGLE PROJECTION		MATERIAL	FINISH	SIZE A DWG NO. ----- REV. -	
		6061 2" Square Tube, .25" wall thickness	None	SCALE 1:20 WEIGHT ----- SHEET 1 of 2	

2

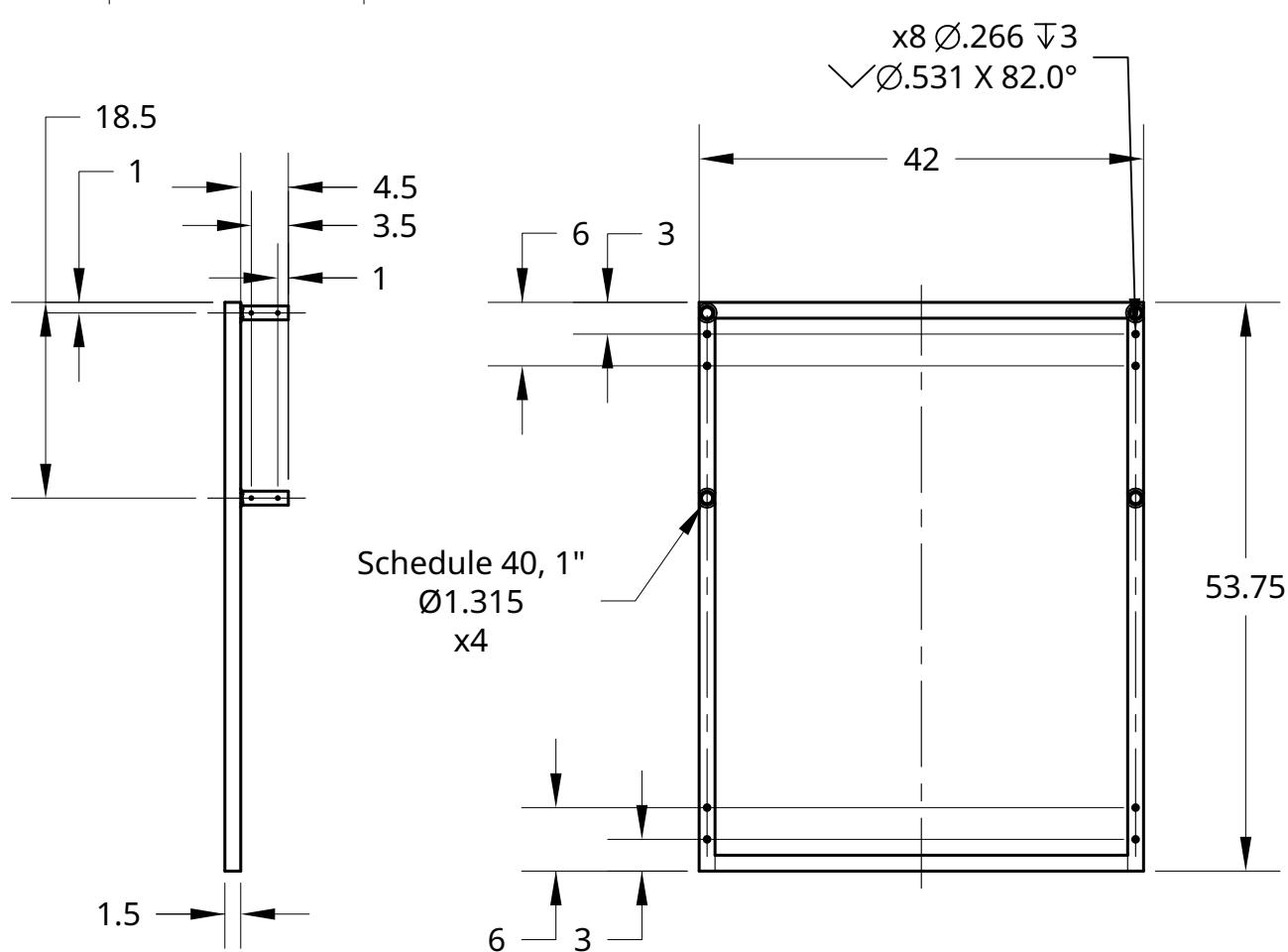
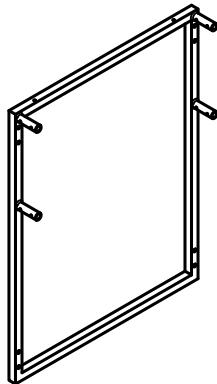
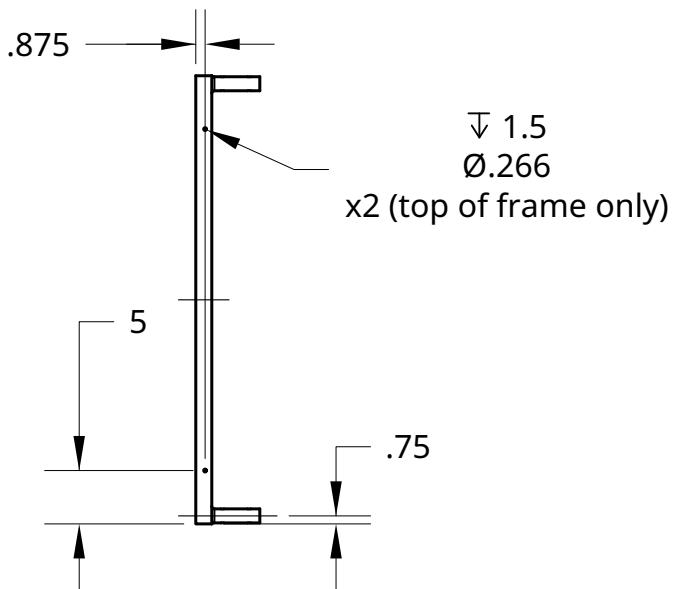
1

↓ THRU  
Ø.266  
x16



2

1



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				DRAWN	Jasmine Florentine	12/08/2016
SURFACE FINISH $\checkmark$		TITLE			---	
		APPROVED				
DO NOT SCALE DRAWING		SIZE			REV.	
BREAK ALL SHARP EDGES AND REMOVE BURRS		MATERIAL	DWG NO.		---	
THIRD ANGLE PROJECTION	6061 1.5" Square Tube .125" wall thickness	FINISH	None	A	-	
		SCALE	0.0556:1	WEIGHT	1 of 1	

2

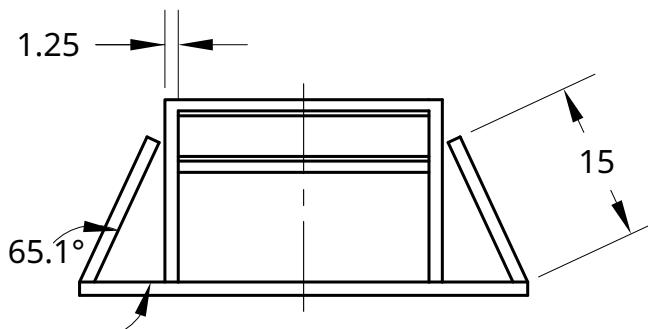
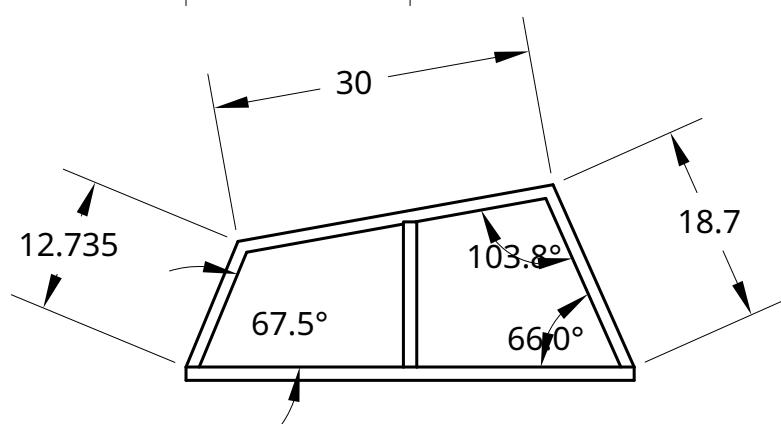
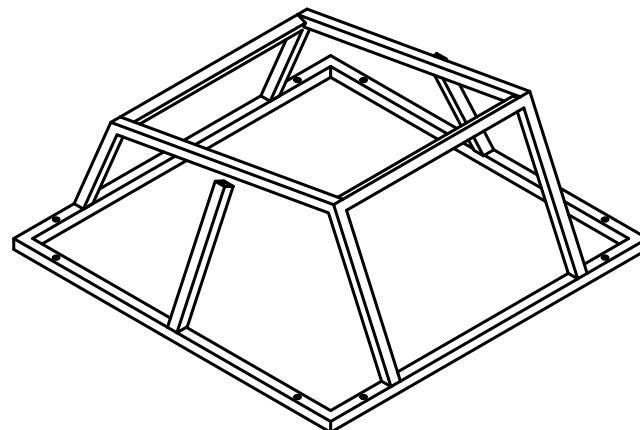
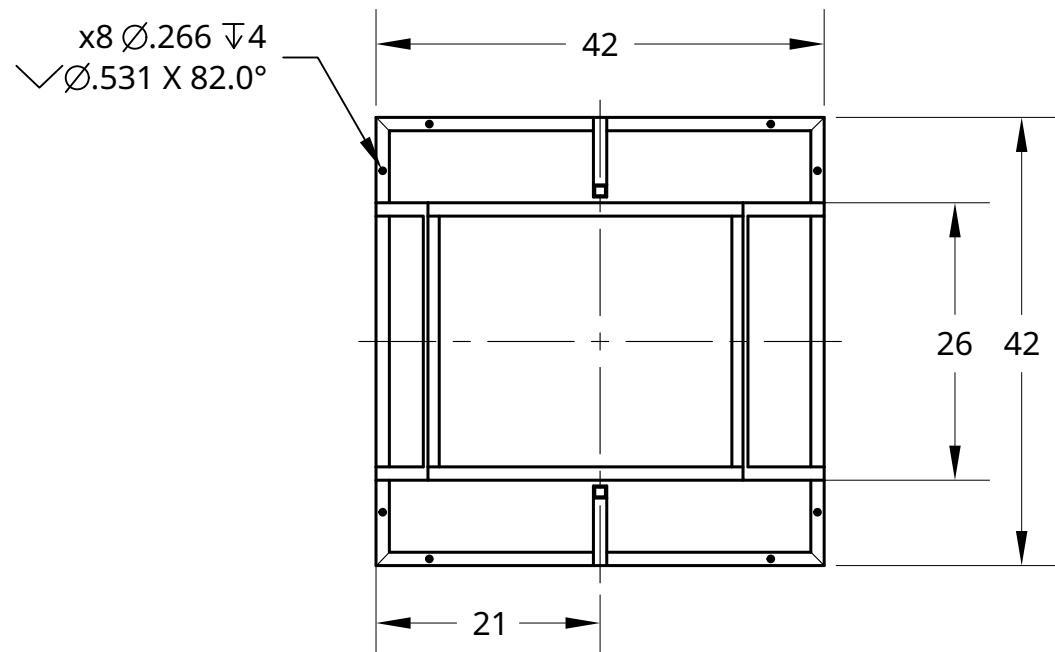
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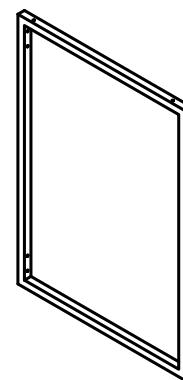
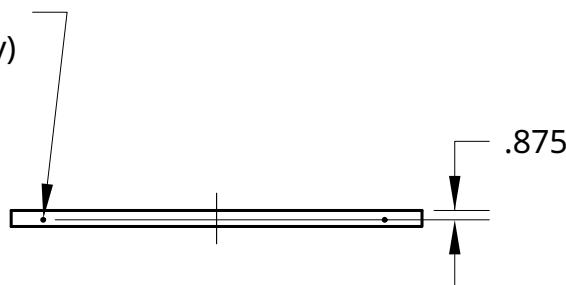


2

1

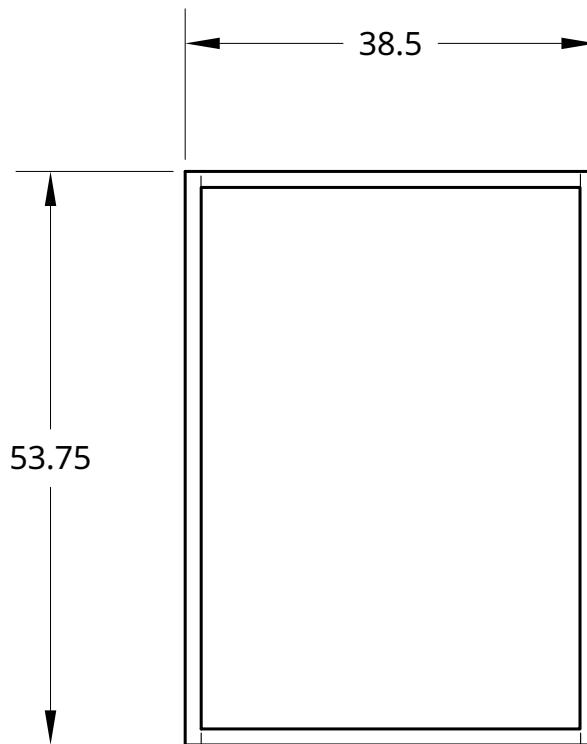
▼ THRU  
 $\emptyset .266$

x2 (top of frame only)

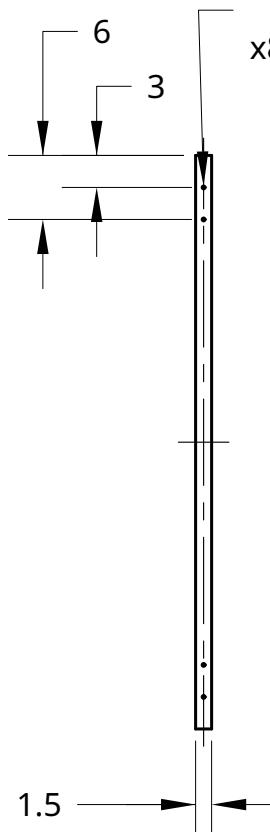


B

B



▼ THRU  
 $\emptyset .266$   
x8 ( both sides of frame)



1.5

A

A

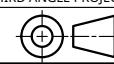
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DIMENSIONS ARE IN INCHES  
XX = ±.0-      ANGULAR Z = ± °  
XXX = ±.00-      FRACTIONAL = ±  
XXXX = ±.0000-

SURFACE FINISH ✓

DO NOT SCALE DRAWING

BREAK ALL SHARP EDGES AND  
REMOVE BURRS

THIRD ANGLE PROJECTION



NAME: Jasmine Florentine DATE: 12/08/2016  
DRAWN:                    CHECKED:                    APPROVED:

## GE-17399 Drawing 1

TITLE

SIZE A

DWG NO.

REV.

SCALE

WEIGHT

-

0.0556:1

SHEET 1 of 1

2

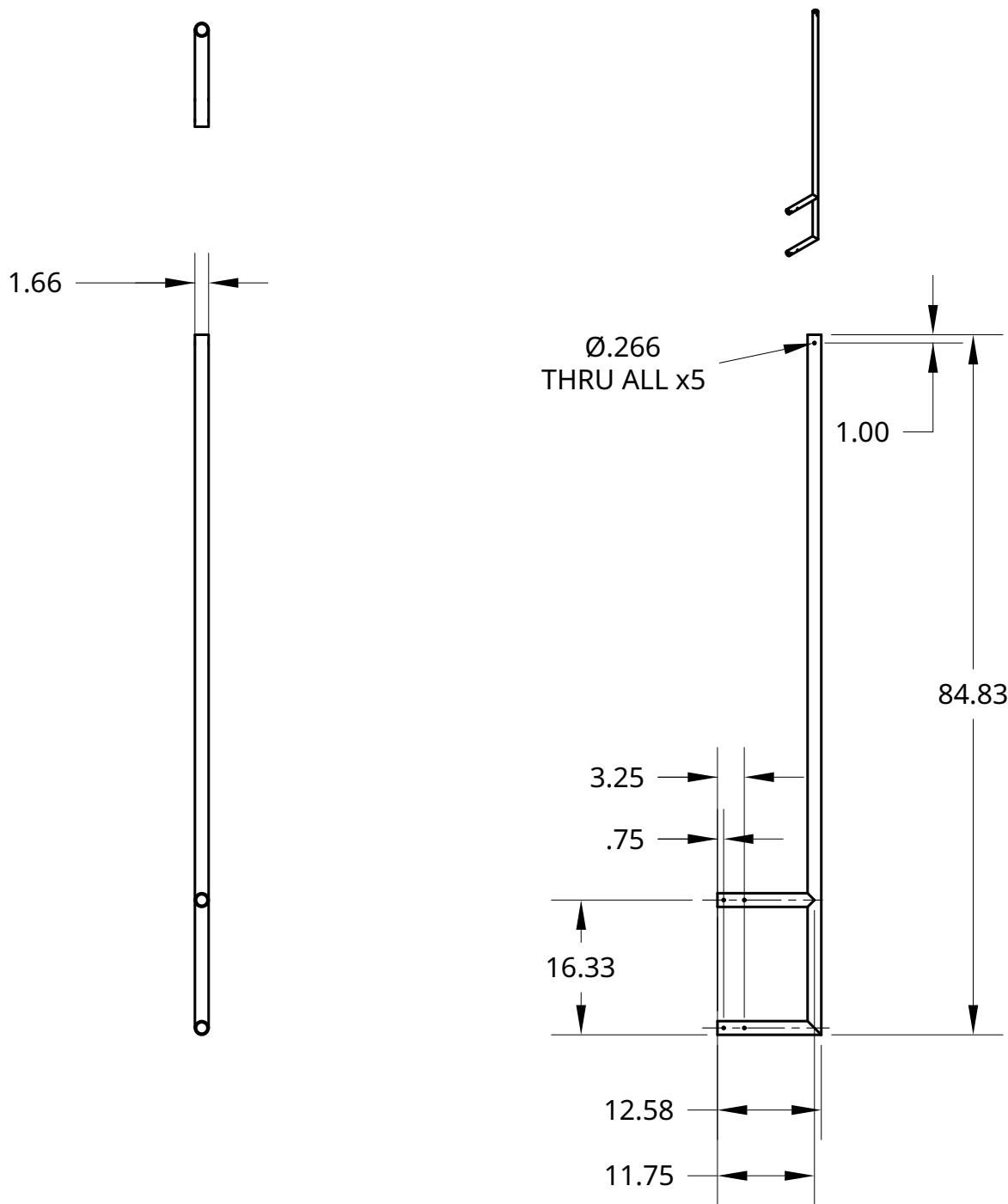
1

2

1

B

B



A

A

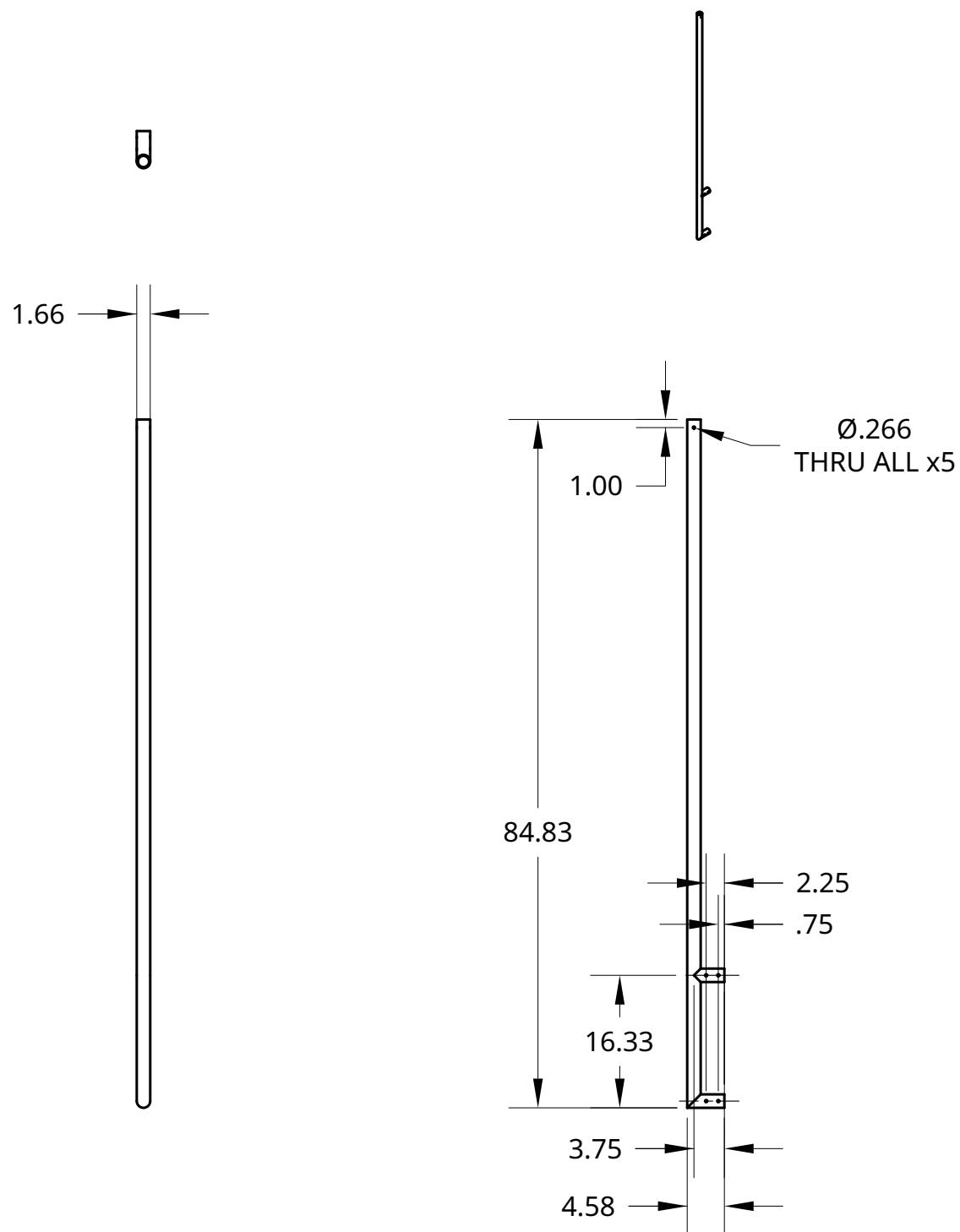
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SURFACE FINISH ✓		DRAWN	Jasmine Florentine	12/08/2016			
DO NOT SCALE DRAWING		CHECKED			TITLE		
BREAK ALL SHARP EDGES AND REMOVE BURRS		APPROVED					
THIRD ANGLE PROJECTION	MATERIAL Aluminum Schedule 40, 1-1/4"	FINISH Powder Coat	SIZE <b>A</b>	DWG NO. -----	REV. -		
			SCALE 1:20	WEIGHT		SHEET 1 of 1	

2

1

2

1



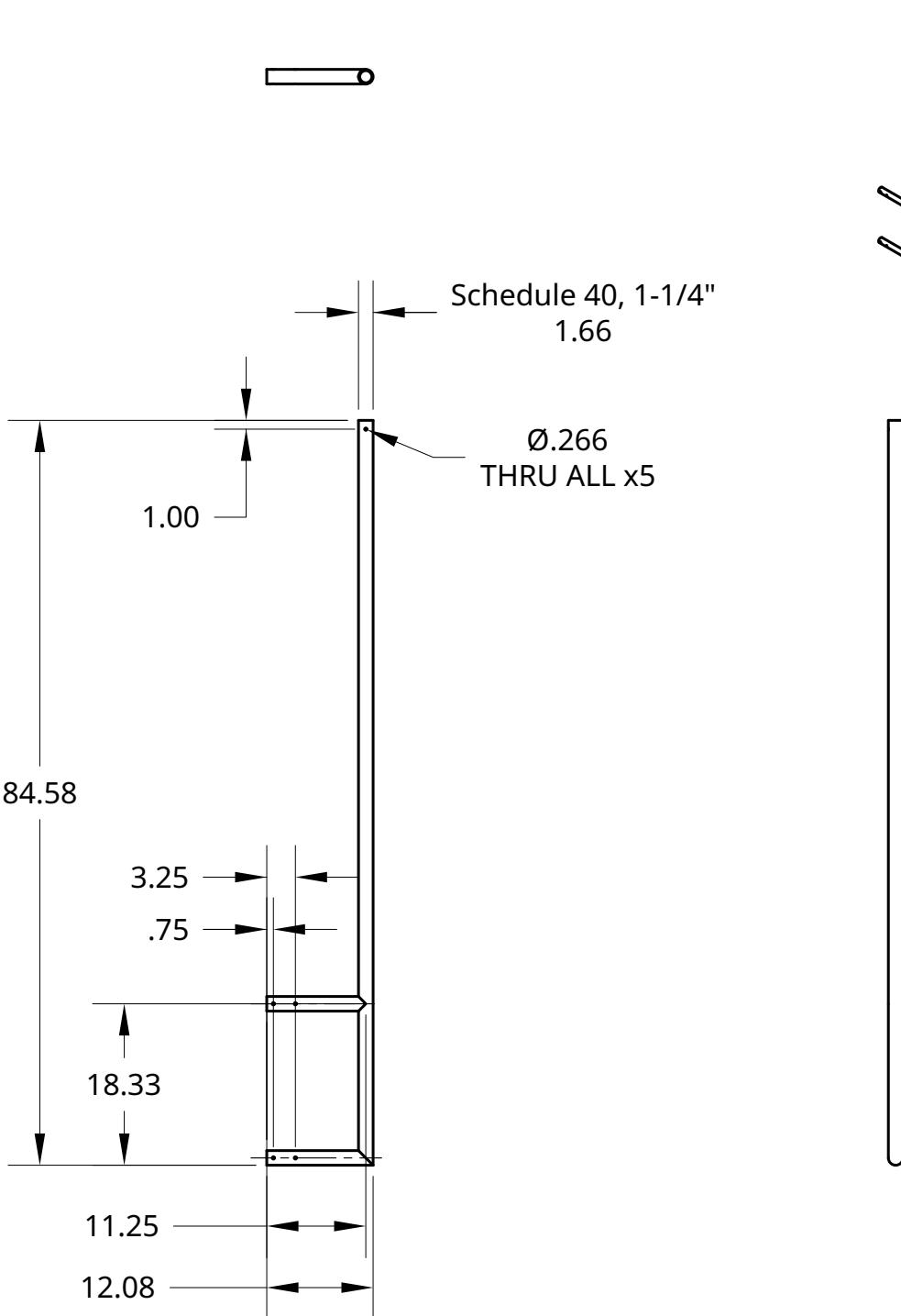
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SURFACE FINISH ✓		DRAWN	Jasmine Florentine	12/08/2016		
DO NOT SCALE DRAWING		CHECKED		TITLE		
BREAK ALL SHARP EDGES AND REMOVE BURRS		APPROVED		-----		
THIRD ANGLE PROJECTION	MATERIAL Aluminum Schedule 40, 1-1/4"	FINISH Powder Coat	SIZE A	DWG NO. -----	REV. -	
			SCALE 1:20	WEIGHT		SHEET 1 of 1

2

1

B

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UNLESS OTHERWISE SPECIFIED,  
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.XXX =  $\pm$ .00-  
.XXXX =  $\pm$ .000-

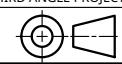
ANGULAR  $\angle = \pm$  °  
FRACTIONAL =  $\pm$

SURFACE FINISH

DO NOT SCALE DRAWING

BREAK ALL SHARP EDGES AND  
REMOVE BURRS

THIRD ANGLE PROJECTION



DRAWN

NAME

DATE

Jasmine Florentine

12/08/2016

CHECKED

APPROVED

GE-17403 Drawing 1

SIZE

A

DWG NO.

----

REV.  
-

TITLE

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SCALE

1:20

WEIGHT

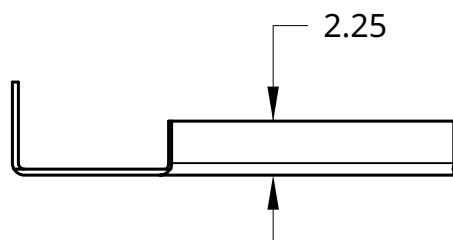
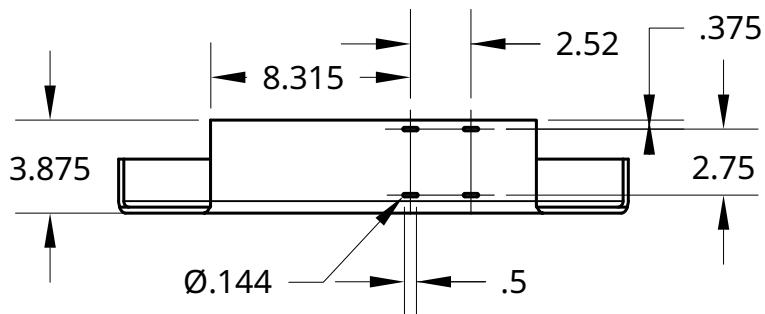
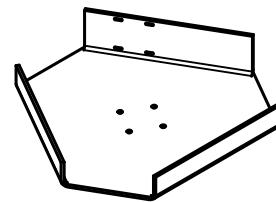
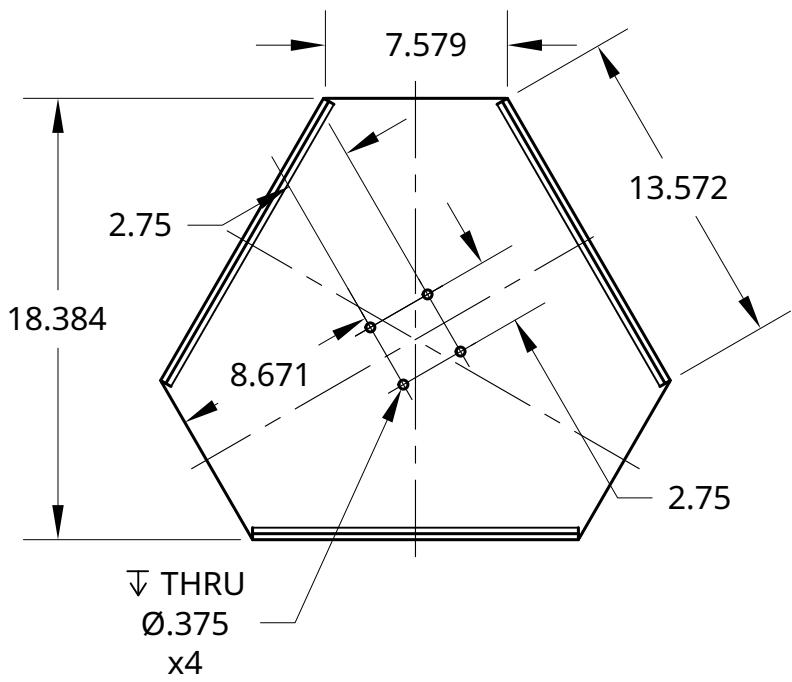
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1 of 1



2

1



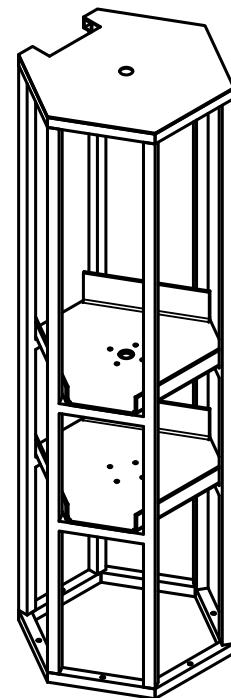
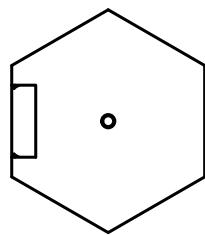
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SURFACE FINISH ✓		DRAWN	Jasmine Florentine	12/09/2016			
DO NOT SCALE DRAWING		CHECKED			TITLE		
BREAK ALL SHARP EDGES AND REMOVE BURRS		APPROVED					
THIRD ANGLE PROJECTION	MATERIAL	FINISH	SIZE	DWG NO.			
	6061 .25" Sheet		A	---	REV. -		
	SCALE 1:8	WEIGHT	SHEET 1 of 1				

2

1

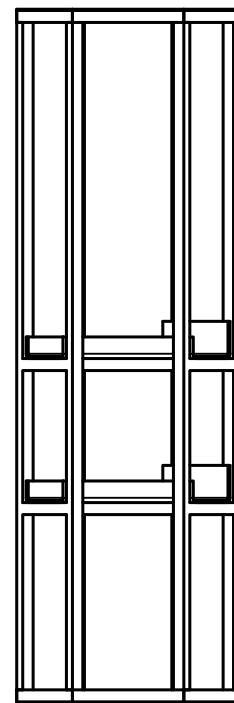
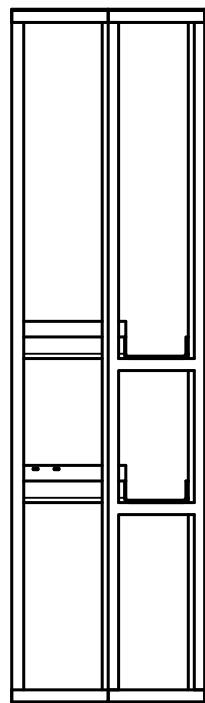
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1



B

B



A

A

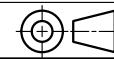
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DIMENSIONS ARE IN INCHES  
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.XXX = ±.00-      FRACTIONAL = ±  
.XXXX = ±.000-

SURFACE FINISH ✓

DO NOT SCALE DRAWING

BREAK ALL SHARP EDGES AND  
REMOVE BURRS

THIRD ANGLE PROJECTION



DRAWN

NAME

DATE

Jasmine Florentine

12/09/2016

CHECKED

APPROVED

TITLE

# Part Studio 1 Drawing 1

SIZE

A

DWG NO.

REV.

SCALE

1:20

WEIGHT

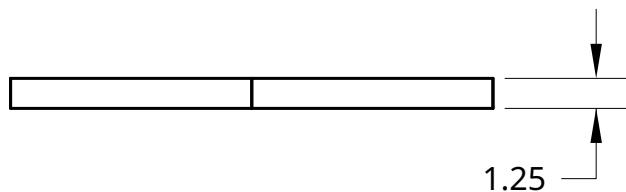
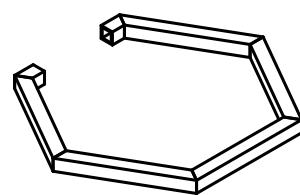
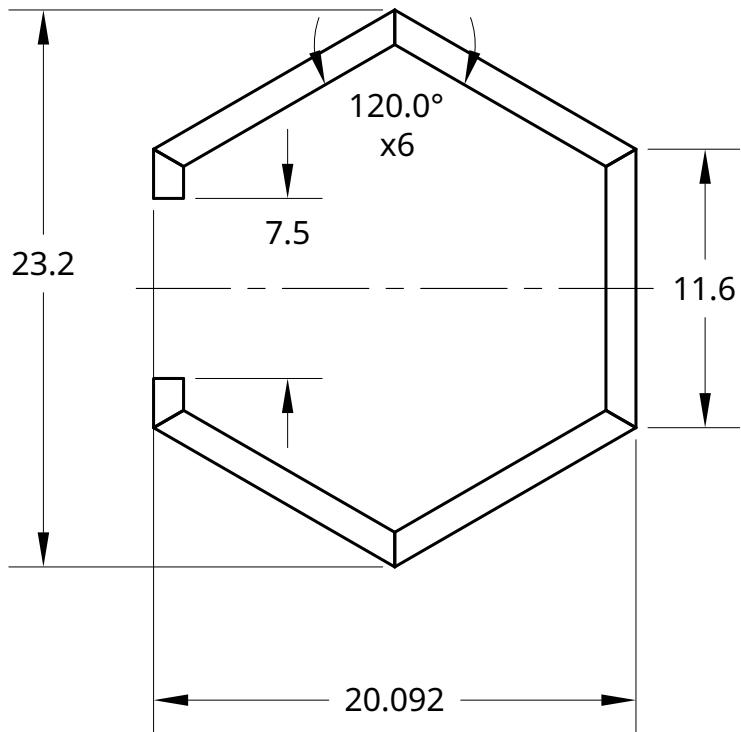
SHEET

1 of 1

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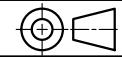
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DIMENSIONS ARE IN INCHES  
.XX = ±.0-      ANGULAR ∠ = ± °  
.XXX = ±.00-      FRACTIONAL = ±  
.XXXX = ±.000-

SURFACE FINISH ✓

DO NOT SCALE DRAWING

BREAK ALL SHARP EDGES AND  
REMOVE BURRS

THIRD ANGLE PROJECTION



DRAWN

NAME

DATE

Jasmine Florentine

12/09/2016

CHECKED

APPROVED

## GE-17416 Top Frame

TITLE

SIZE

A

DWG NO.

REV.

MATERIAL  
6061 1.25" Square  
Tube, .125" wall  
thickness

FINISH

SCALE

1:8

WEIGHT

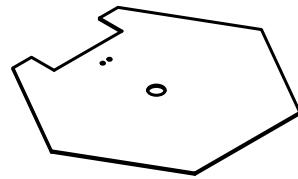
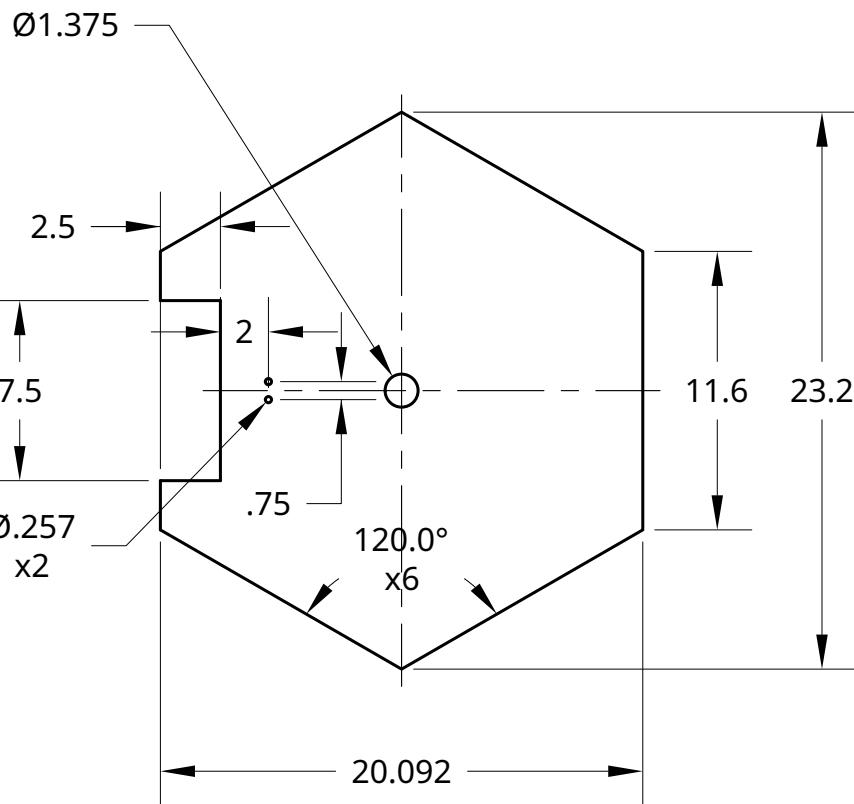
SHEET

1 of 1



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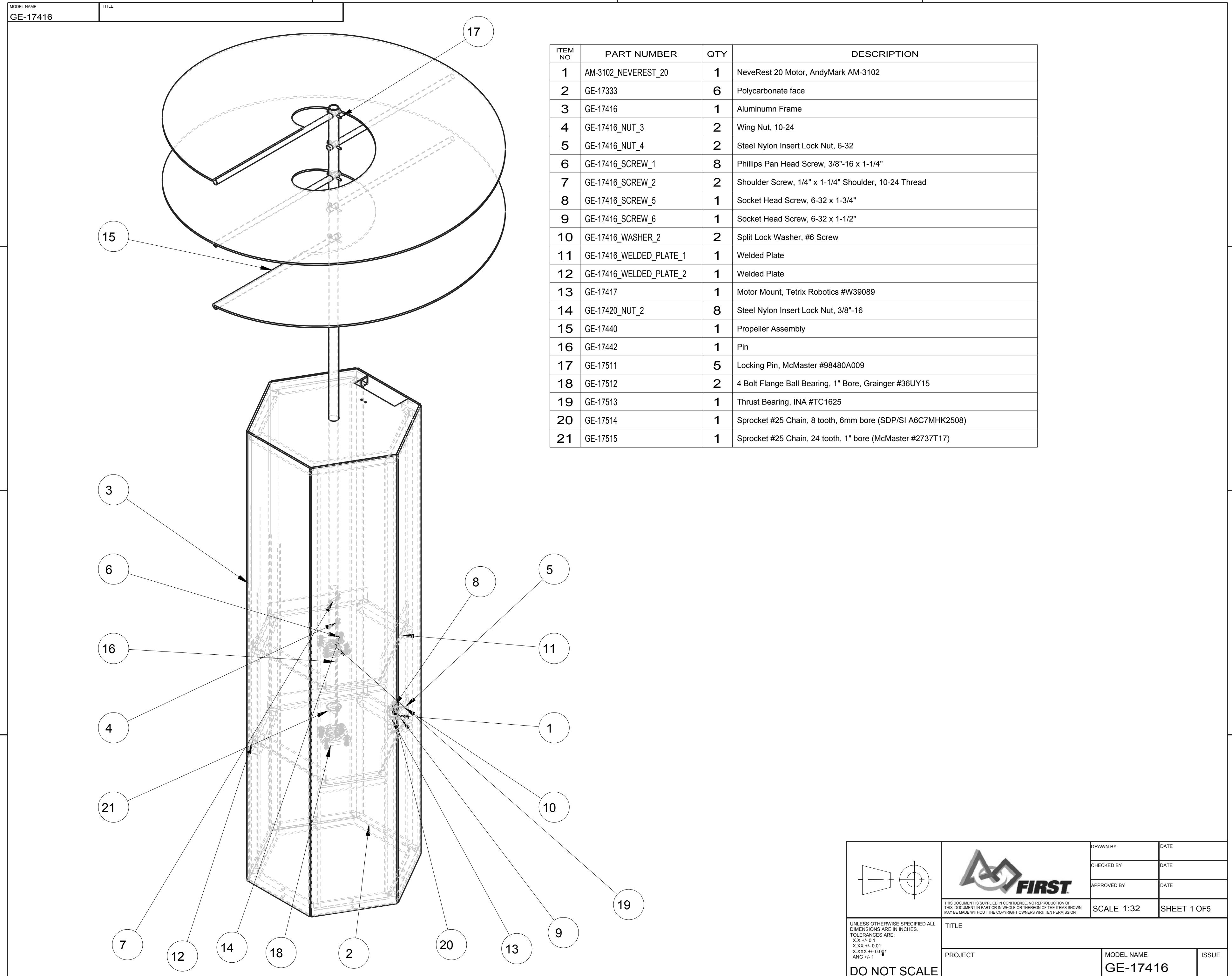
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES .XX = ±.0-      ANGULAR ∠ = ± ° .XXX = ±.00-      FRACTIONAL = ± .XXXX = ±.000-		NAME	DATE	GE-17416 Top		
SURFACE FINISH ✓		DRAWN	Jasmine Florentine	12/09/2016		
DO NOT SCALE DRAWING		CHECKED		TITLE		
BREAK ALL SHARP EDGES AND REMOVE BURRS		APPROVED		-----		
THIRD ANGLE PROJECTION	MATERIAL 	FINISH None	SIZE A	DWG NO. -----	REV. -	
	6061 .125" sheet		SCALE 1:8	WEIGHT		SHEET 1 of 1

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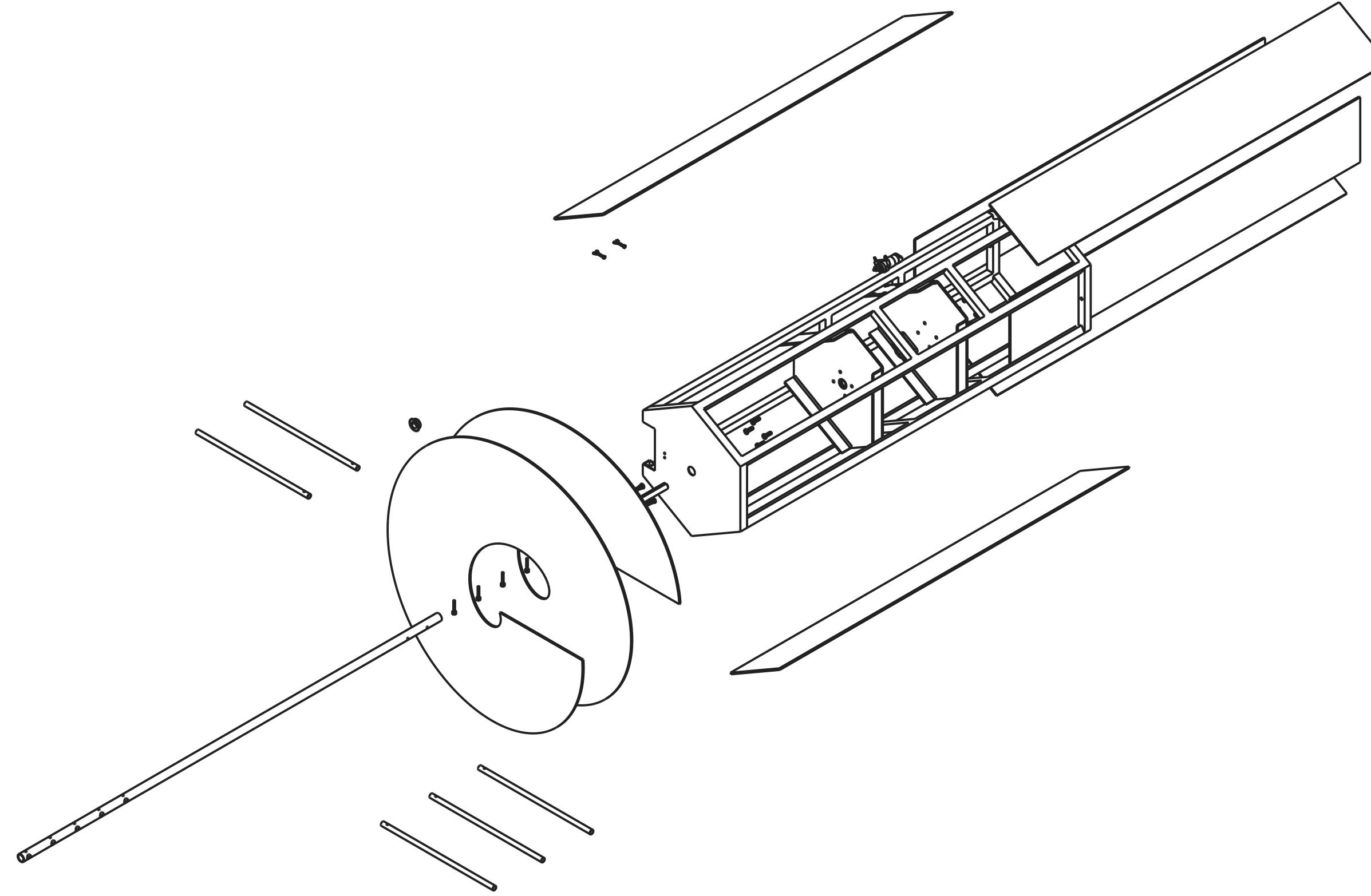
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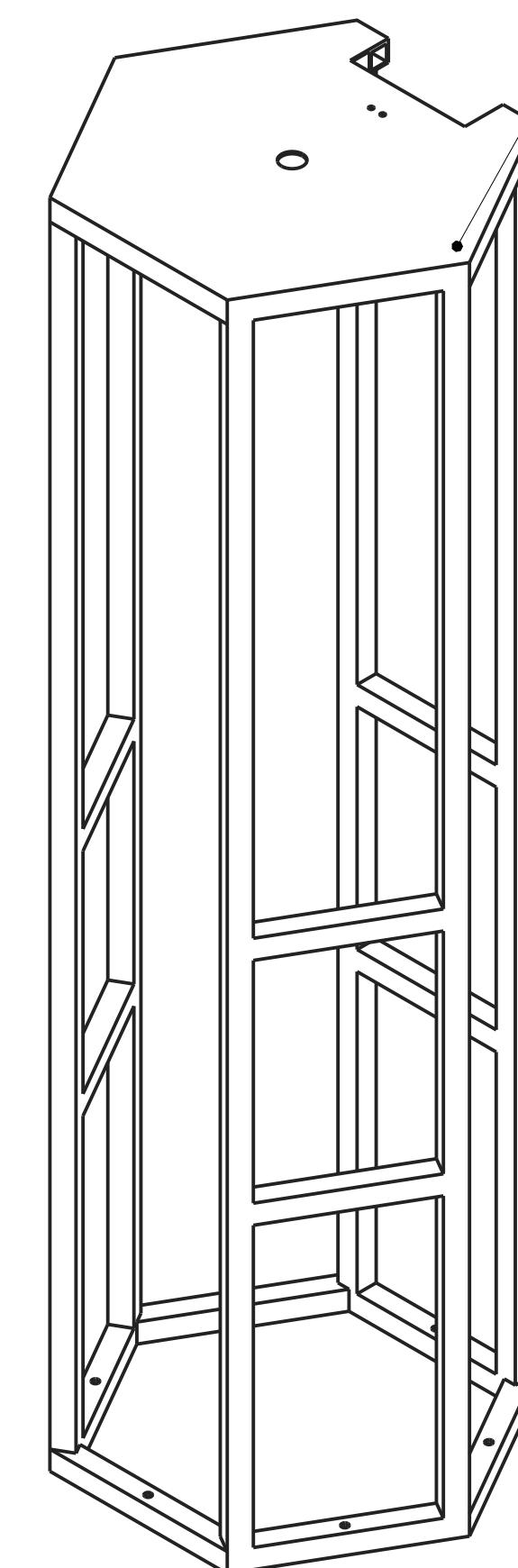
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MODEL NAME  
GE-17416

TITLE

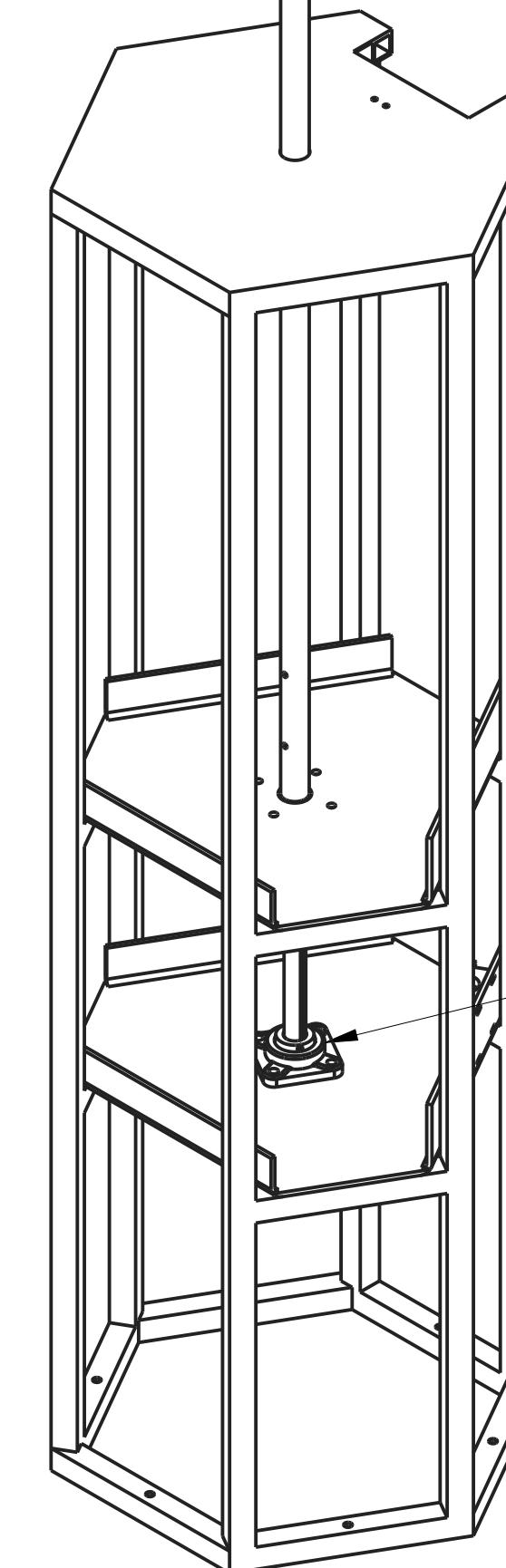
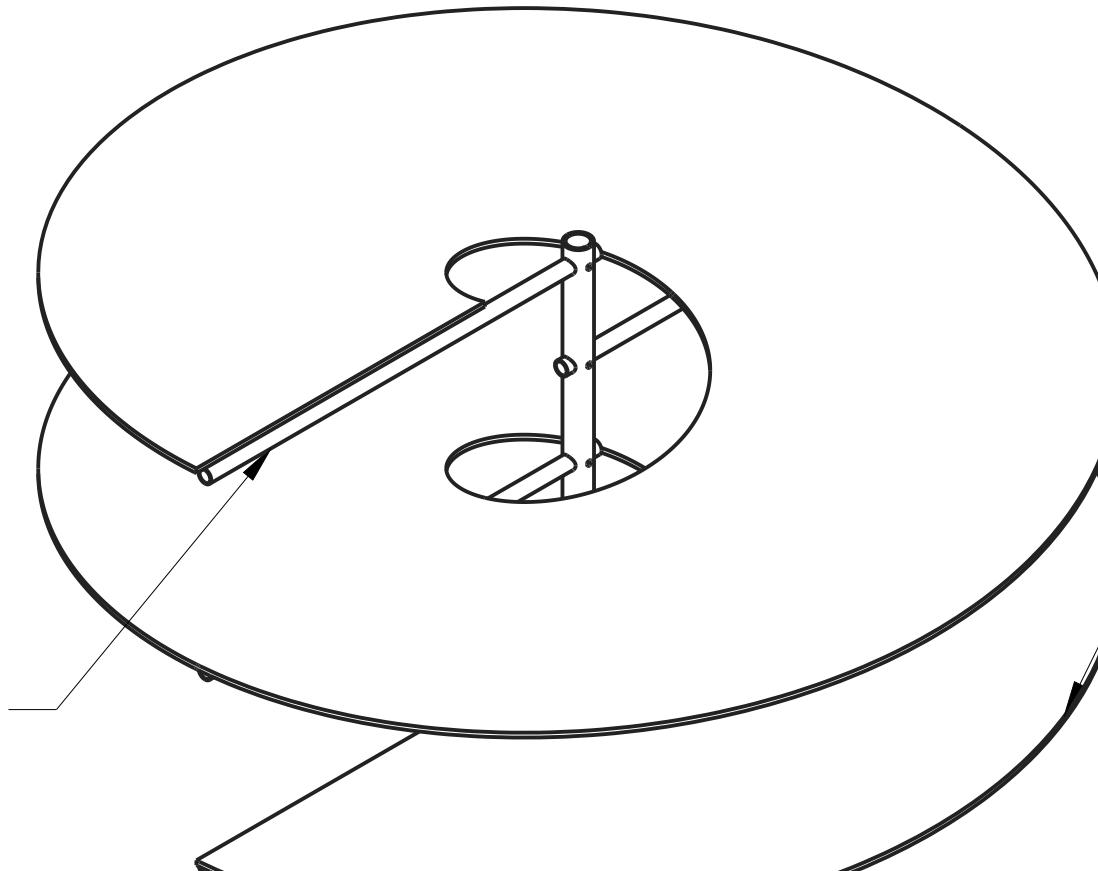


	 <b>FIRST</b>	DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:32	SHEET 2 OF 5
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1	TITLE		
DO NOT SCALE	PROJECT	MODEL NAME GE-17416	ISSUE



Note 1:  
Start with base frame attach bottom and top shelf

Item 15



Step 2:  
Add item 18 to both top and bottom shelf  
Then add items 15,16,17. to the through the base.

Item 17 attaches to item 15 using cable ties.

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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:32	SHEET 3 OF 5
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1	TITLE		
DO NOT SCALE	PROJECT	MODEL NAME GE-17416	ISSUE

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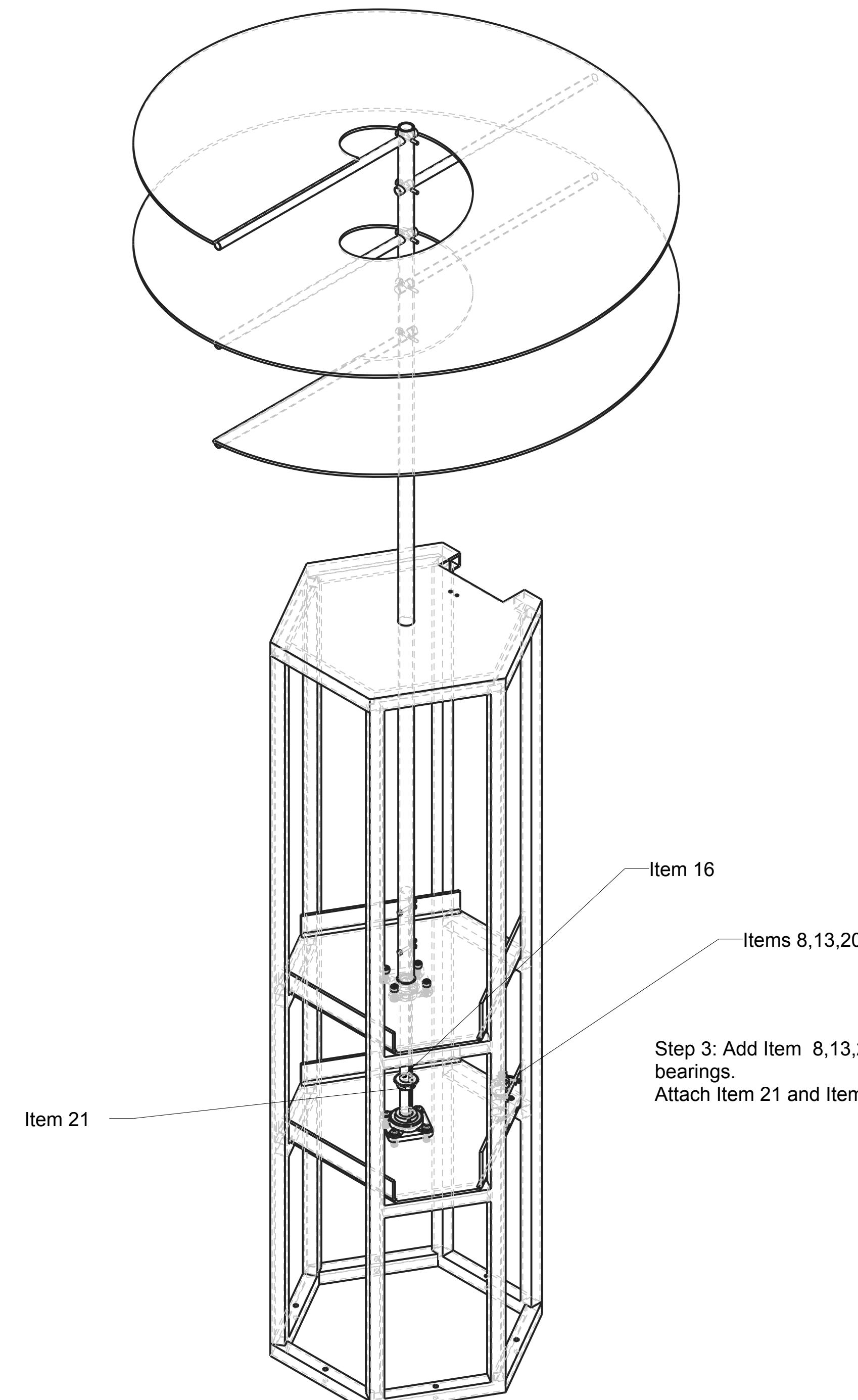
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		APPROVED BY	DATE
		SCALE 1:32	SHEET 4 OF 5
DO NOT SCALE		TITLE	
		PROJECT	
		MODEL NAME	GE-17416
		ISSUE	

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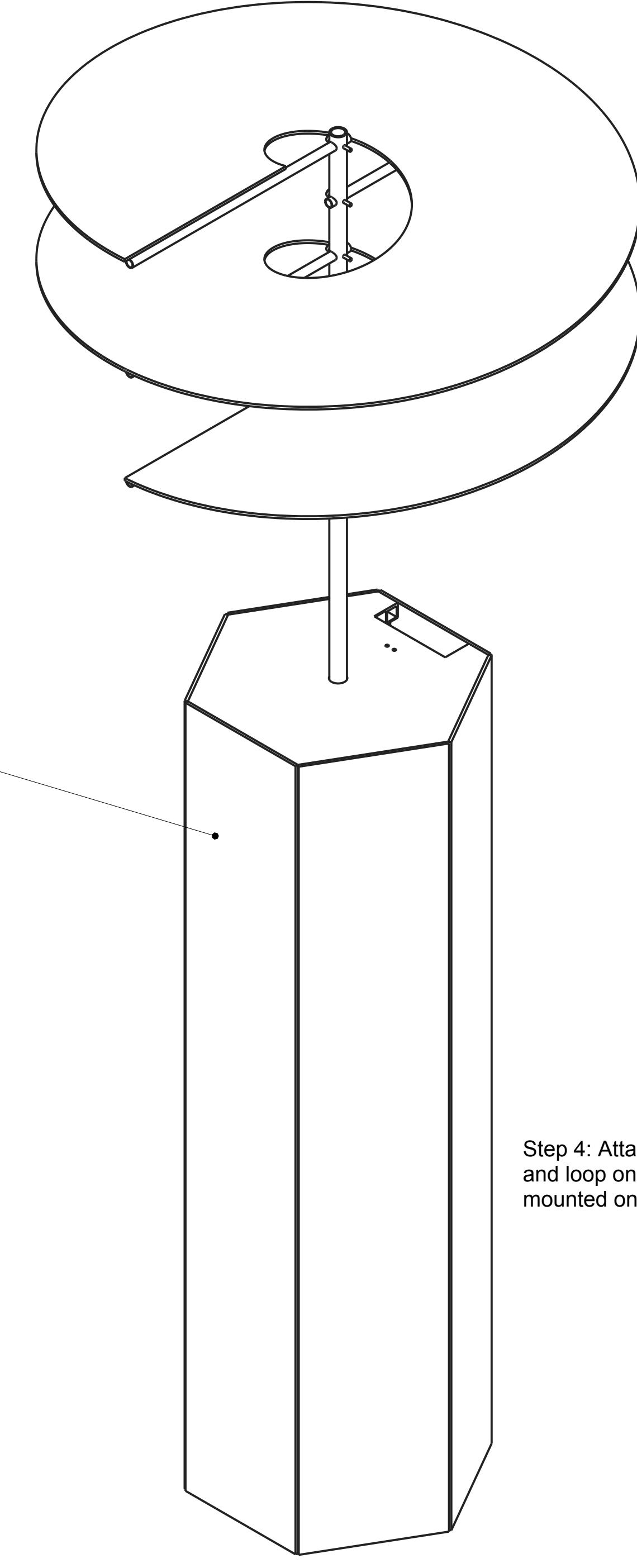
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Item 3



Step 4: Attach Item 3 around with 2" hook  
and loop on edges to cover. Loop side  
mounted on item 3

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:32	SHEET 5 OF 5
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1	TITLE	
DO NOT SCALE	PROJECT	MODEL NAME GE-17416
		ISSUE

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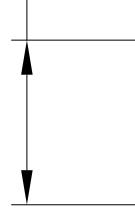
 $\varnothing 1.00$ 

6.00

2.00

 $\varnothing 0.266$  THRU x2

24.00



GE-17442

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES .XX = ±.0- .XXX = ±.00- .XXXX = ±.000-		NAME	DATE	TITLE		
SURFACE FINISH	✓	DRAWN	Jasmine Florentine			
			12/16/2016			
			CHECKED			
			APPROVED			
DO NOT SCALE DRAWING				SIZE		
BREAK ALL SHARP EDGES AND REMOVE BURRS						
THIRD ANGLE PROJECTION	MATERIAL Carbon or SS Steel Shaft	FINISH None		DWG NO.	-----	
					REV.	-
				SCAL	0.1429:1	WEIGHT
						SHEET
						1 of 1

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MODEL NAME  
GE-17448TITLE  
3/8 Flexible Steel Conduit

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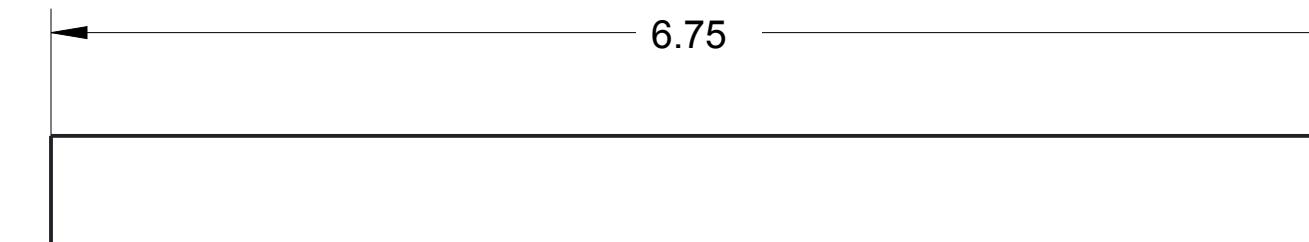
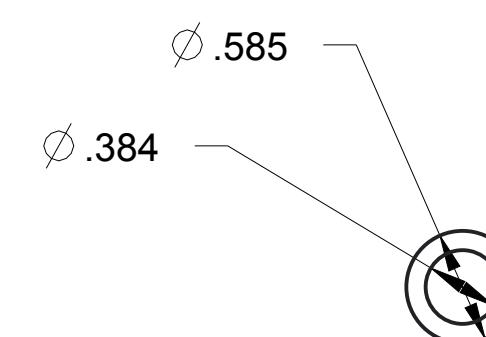
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## Notes:

- 1) ID and OD are nominal as listed on product specifications for Home Depot Model #55081711
- 2) Material: Galvanized Steel

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		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.XX +/- 0.001 ANG +/- 1	TITLE 3/8 Flexible Steel Conduit	PROJECT	MODEL NAME GE-17448
DO NOT SCALE			ISSUE

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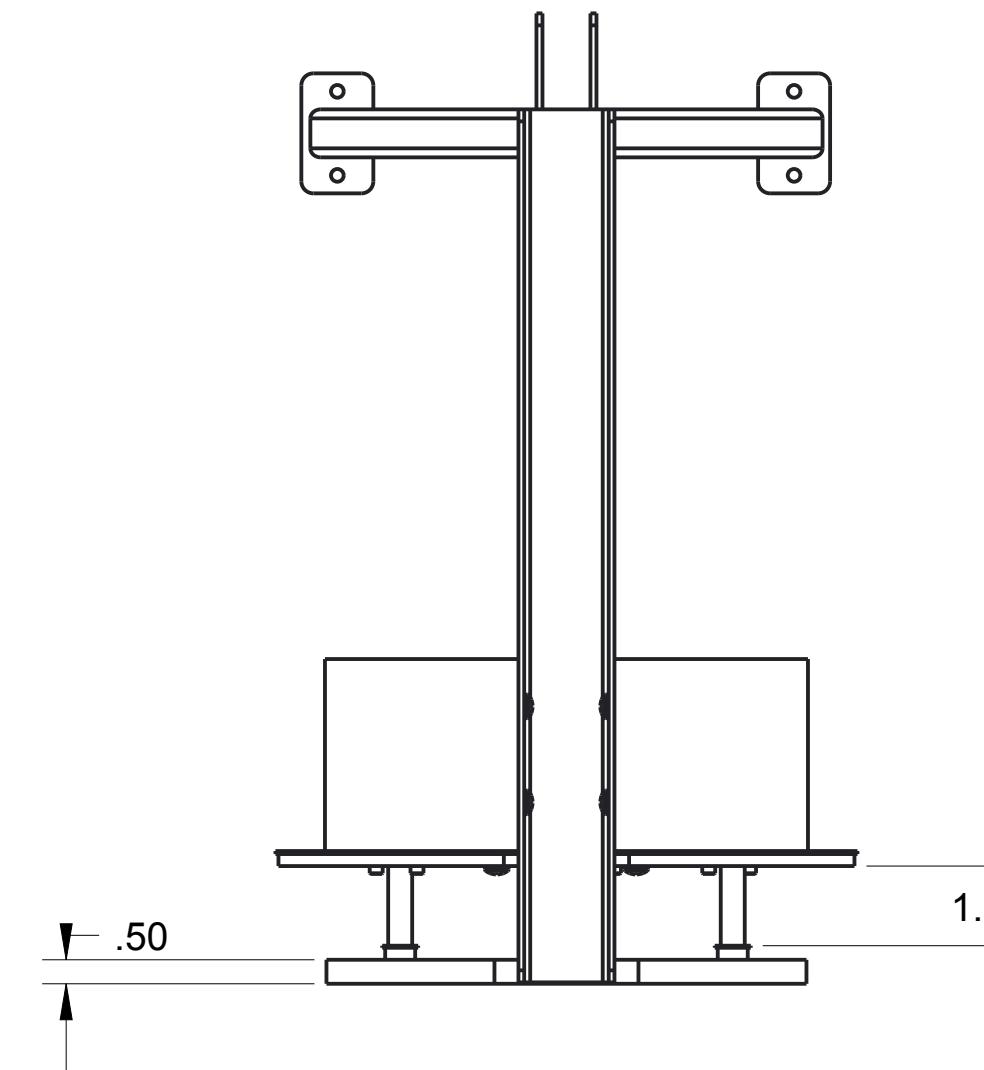
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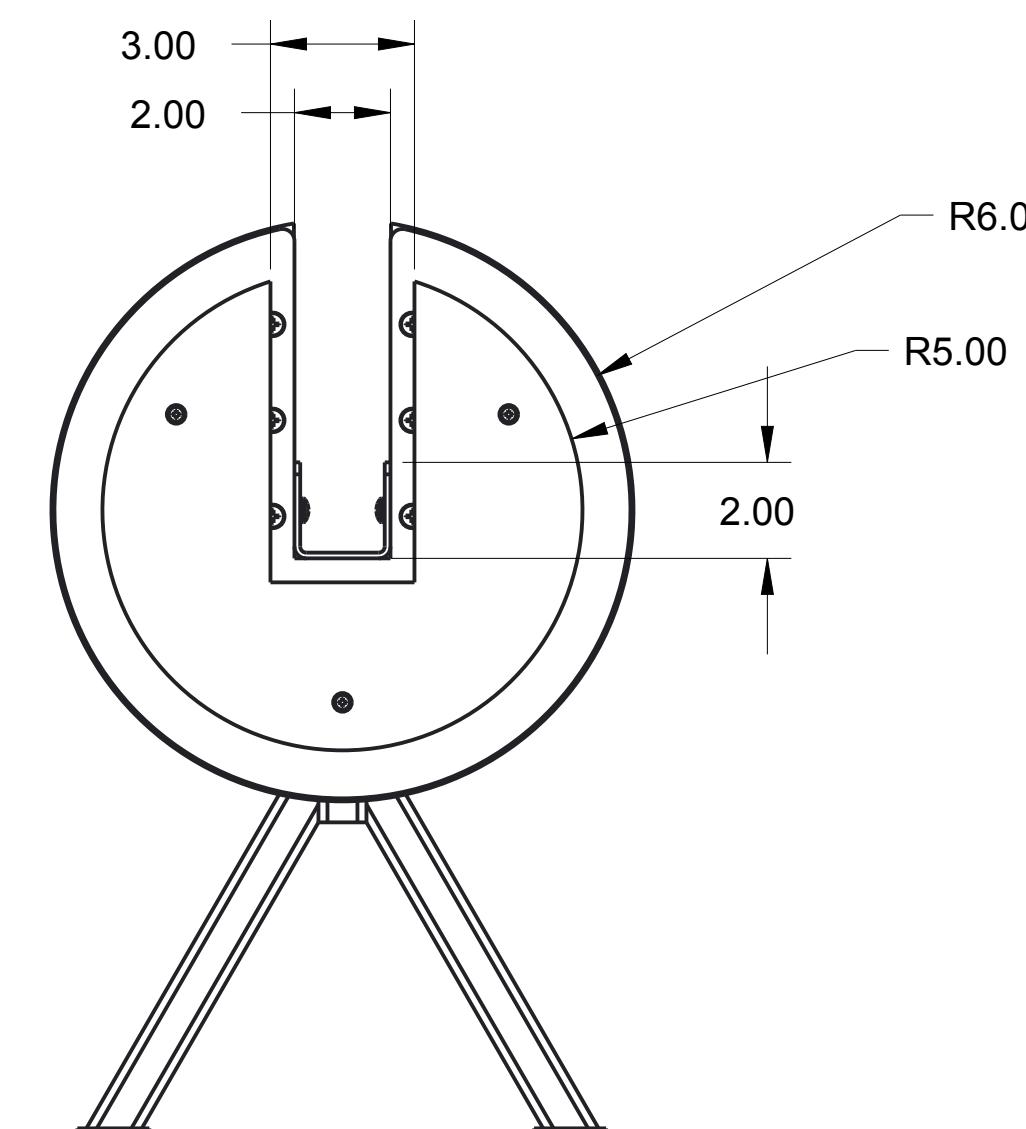
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MODEL NAME  
GE-17560TITLE  
TOUCHPAD MOUNTING

SCALE 1:4



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		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.XX +/- 0.001 ANG +/- 1			
DO NOT SCALE		TITLE	TOUCHPAD MOUNTING
PROJECT		MODEL NAME	GE-17560
ISSUE			

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ASME STANDARD,INCH