


ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	FE-00001	4	Drivers Sta. Support Assembly	See Drawing
2	FE-00002-L	1	Corner Supports, Left	See Drawing
3	FE-00002-R	1	Corner Supports, Right	See Drawing
4	FE-00004	3	End Panel	See Drawing
5	FE-00007	3	Field Top Rail	See Drawing
6	FE-00012	3	Drivers Station Acrylic	See Drawing
7	GE-09031	1	Top Rail - Corner	See Drawing
8	GE-16003	1	hp station	See Drawing
9	GE-16004	1	tower assembly	See Drawing
10	GE-16090	1	ball corral	See Drawing
11	GE-16097	1	scoring panel assembly	See Drawing
12	GE-16120	1	ball inlet window	See Drawing
13	GE-16121	1	brattice assembly	See Drawing
14	GE-16124	3	standard holder assembly	See Drawing
15	GE-16126	3	flag	See Drawing
16	GE-16127	2	EMBRASURE COVER	See Drawing
17	GE-16128	6	embrasure trim	See Drawing
18	GE-16129	1	crenellation 1, assembly	See Drawing
19	GE-16131	1	crenellation 2, assembly	See Drawing
20	GE-16133	1	crenellation 3, assembly	See Drawing
21	GE-16135	1	crenellation 4, assembly	See Drawing
22	GE-16137	1	batter ramp, middle	See Drawing
23	GE-16138	2	batter ramp, low goal	See Drawing
24	GE-16139	2	batter ramp, corner	See Drawing
25	GE-16140	1	batter ramp, half corner 1	See Drawing
26	GE-16141	1	batter ramp, half corner 2	See Drawing
27	GE-16185	2	CORNER BATTER PLASTIC ASSEMBLY	See Drawing
28	GE-16186	3	MIDDLE BATTER PLASTIC ASSEMBLY	See Drawing
29	GE-16187	1	1/2 CORNER BATTER PLASTIC ASSEMBLY	See Drawing
30	GE-16188	1	1/2 CORNER BATTER PLASTIC ASSEMBLY R	See Drawing



DRAWN BY

CHECKED BY

APPROVED BY

DATE

DATE

DATE

SCALE 1:64

SHEET 1 OF 3

TITLE

End Panel Assembly

PROJECT

GE-16002-01

ISSUE

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.

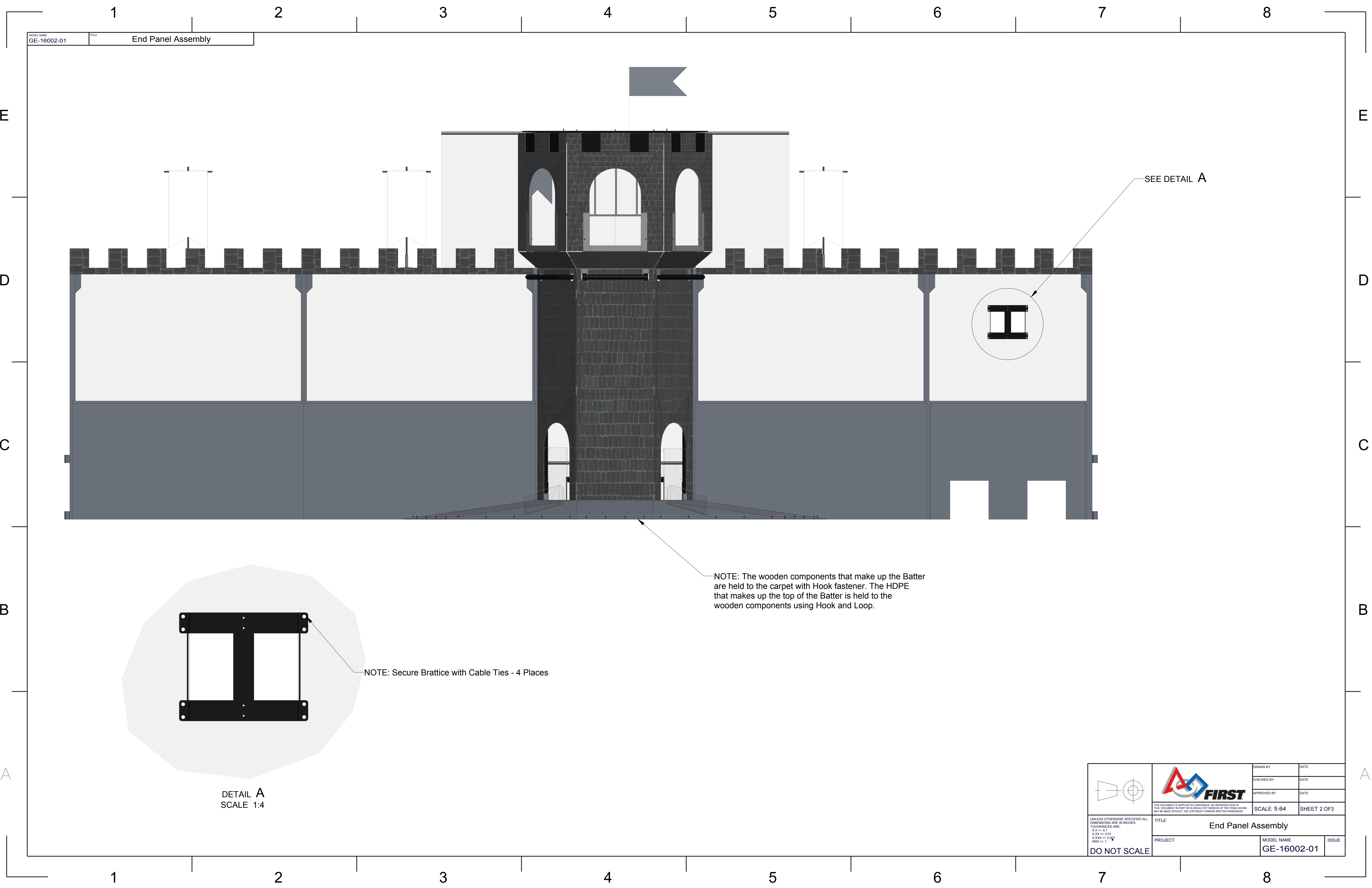
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X.XX +/- 0.01

X.XXX +/- 0.001

ANG +/- 1

DO NOT SCALE



MODEL NAME
GE-16002-01

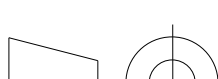

TITLE
End Panel Assembly

SEE DETAIL A

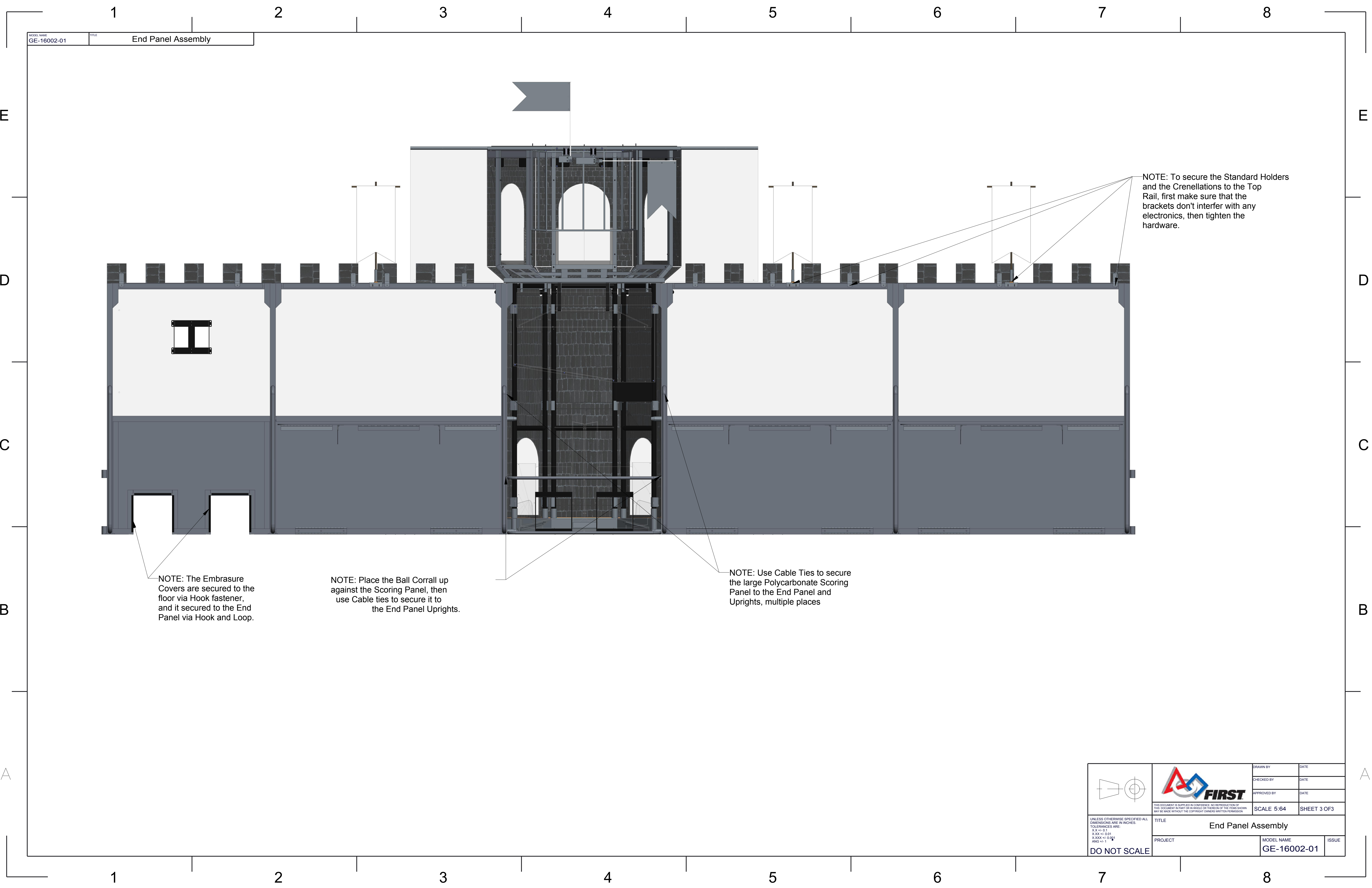
NOTE: The wooden components that make up the Batter are held to the carpet with Hook fastener. The HDPE that makes up the top of the Batter is held to the wooden components using Hook and Loop.

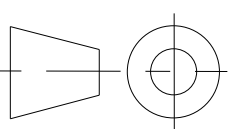

NOTE: Secure Brattice with Cable Ties - 4 Places

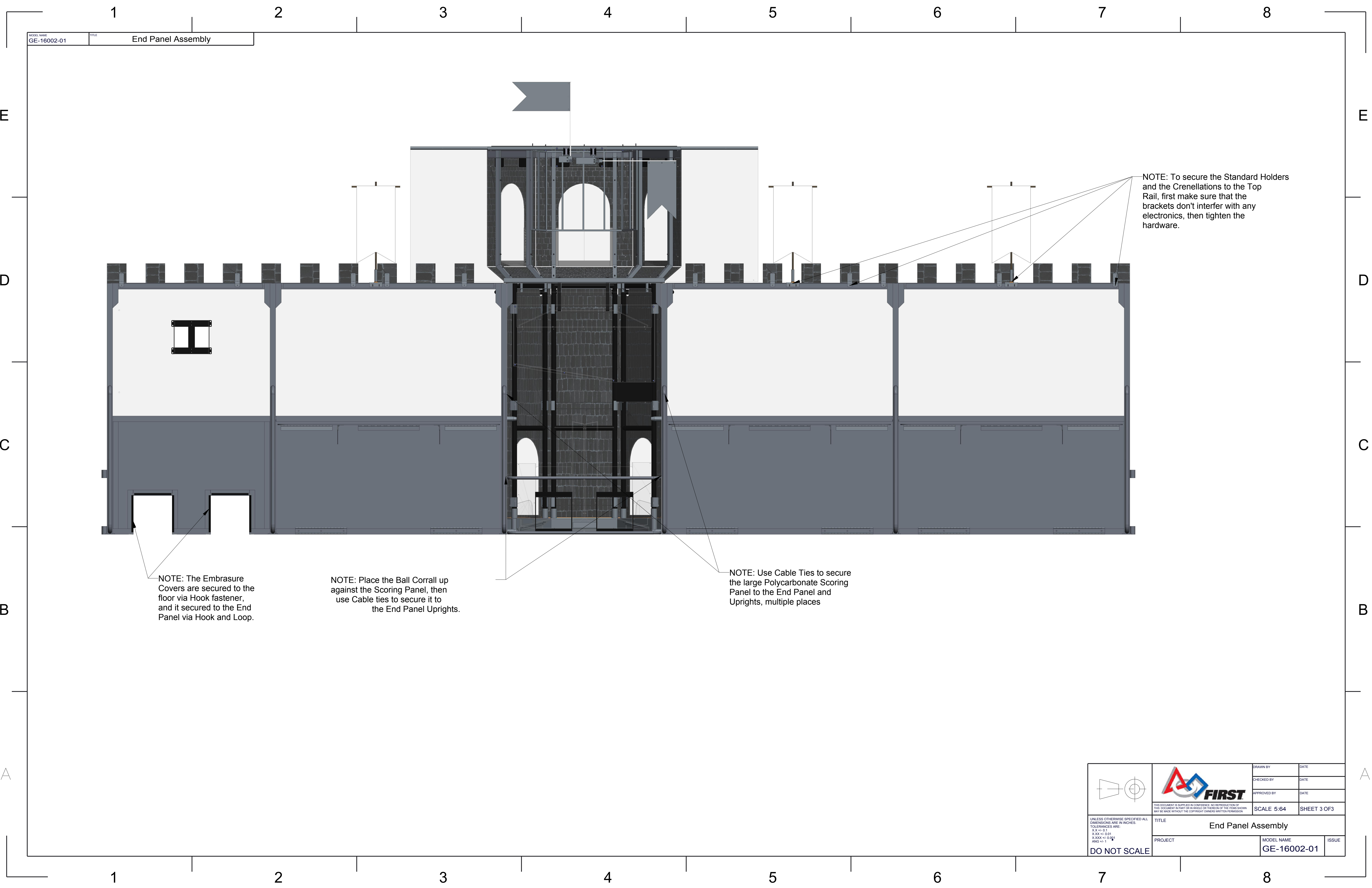
DETAIL A
SCALE 1:4


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		SCALE 5:64	SHEET 2 OF 3
TITLE End Panel Assembly			
PROJECT		MODEL NAME GE-16002-01	ISSUE

DO NOT SCALE



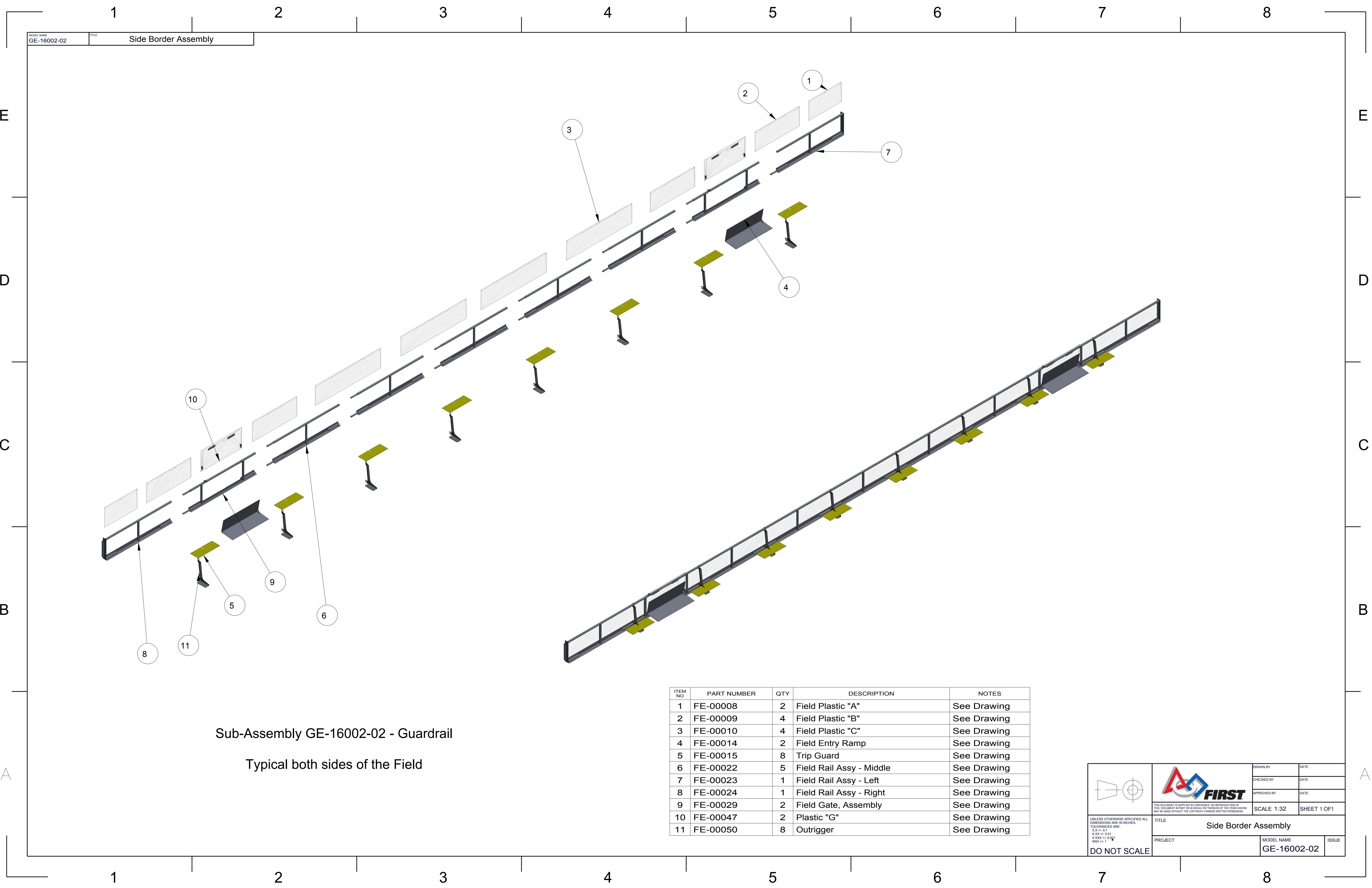
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		SCALE 5:64	SHEET 3 OF 3
TITLE End Panel Assembly			
PROJECT		MODEL NAME GE-16002-01	ISSUE



	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 5:64 SHEET 3 OF 3	
TITLE End Panel Assembly		
PROJECT		ISSUE
GE-16002-01		

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X.XX +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1

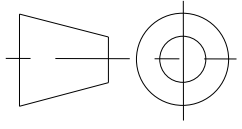
DO NOT SCALE



Sub-Assembly GE-16002-02 - Guardrail


Typical both sides of the Field

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	FE-00008	2	Field Plastic "A"	See Drawing
2	FE-00009	4	Field Plastic "B"	See Drawing
3	FE-00010	4	Field Plastic "C"	See Drawing
4	FE-00014	2	Field Entry Ramp	See Drawing
5	FE-00015	8	Trip Guard	See Drawing
6	FE-00022	5	Field Rail Assy - Middle	See Drawing
7	FE-00023	1	Field Rail Assy - Left	See Drawing
8	FE-00024	1	Field Rail Assy - Right	See Drawing
9	FE-00029	2	Field Gate, Assembly	See Drawing
10	FE-00047	2	Plastic "G"	See Drawing
11	FE-00050	8	Outrigger	See Drawing



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XXX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1

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APPROVED BY	DATE
SCALE 1:32 SHEET 1 OF 1	
TITLE Side Border Assembly	
PROJECT	MODEL NAME GE-16002-02
ISSUE	

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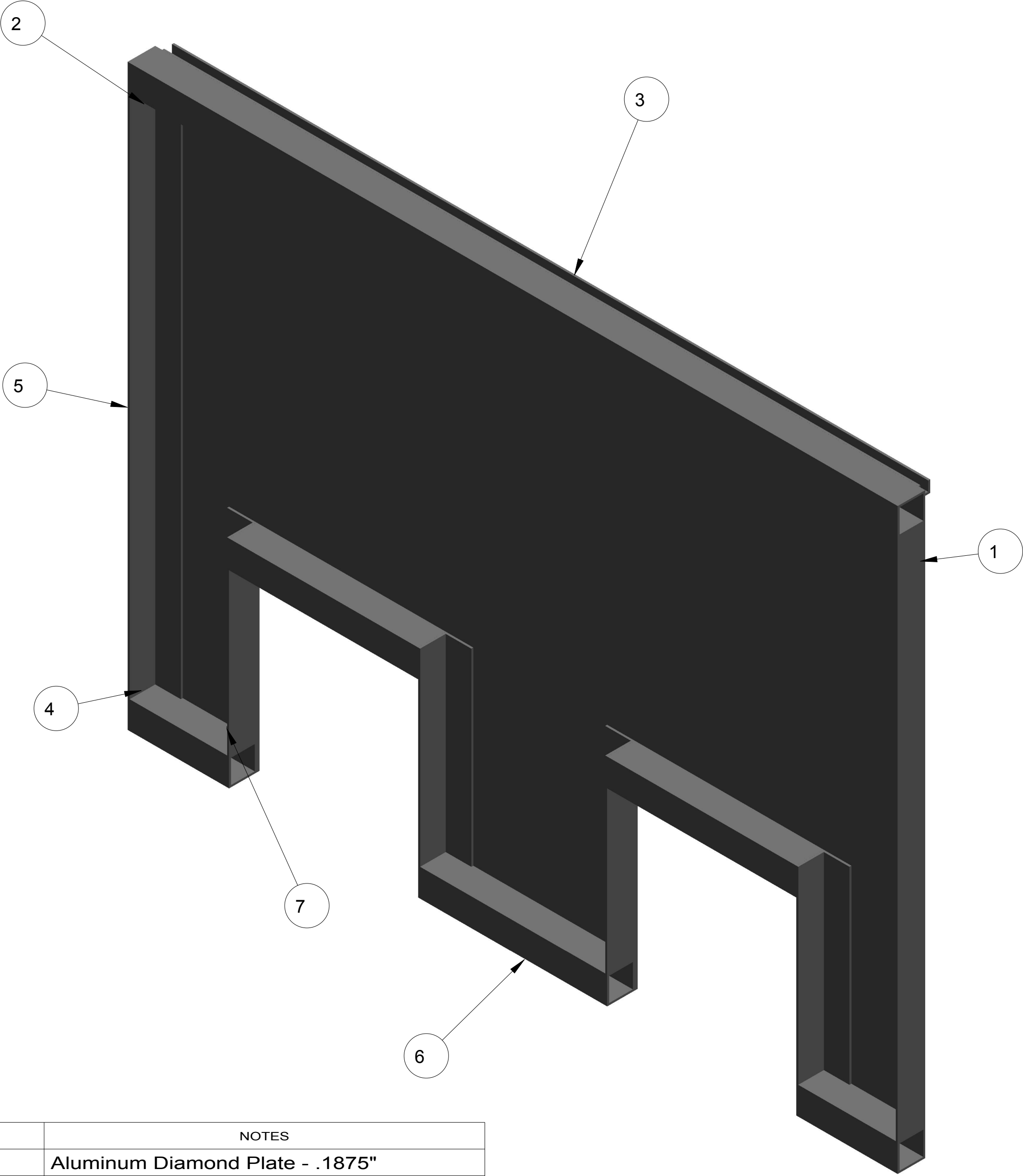
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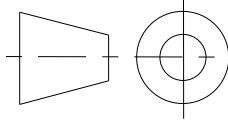

B

A

MODEL NAME	TITLE
GE-16003	HP Station



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16003-01	1	ge-16003-01.prt	Aluminum Diamond Plate - .1875"
2	GE-16003-02	1	ge-16003-02.prt	Aluminum Square Tubing - 1.75"
3	GE-16003-03	1	ge-16003-03.prt	Aluminum C-Channel - .75"
4	GE-16003-04	2	ge-16003-04.prt	Aluminum Square Tubing - 1.75"
5	GE-16003-05	2	ge-16003-05.prt	Aluminum Angle - 1.75"
6	GE-16003-06	3	ge-16003-06.prt	Aluminum Square Tubing - 1.75"
7	GE-16003-07	4	ge-16003-07.prt	Aluminum Angle - 1.75"

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		APPROVED BY	DATE
		SCALE 1:4	SHEET 1 OF 6
TITLE HP Station			
PROJECT		MODEL NAME GE-16003	ISSUE

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

DO NOT SCALE

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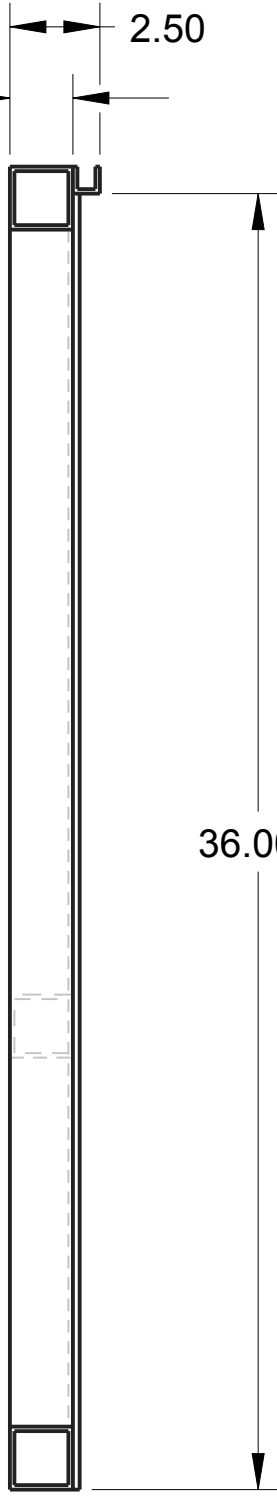
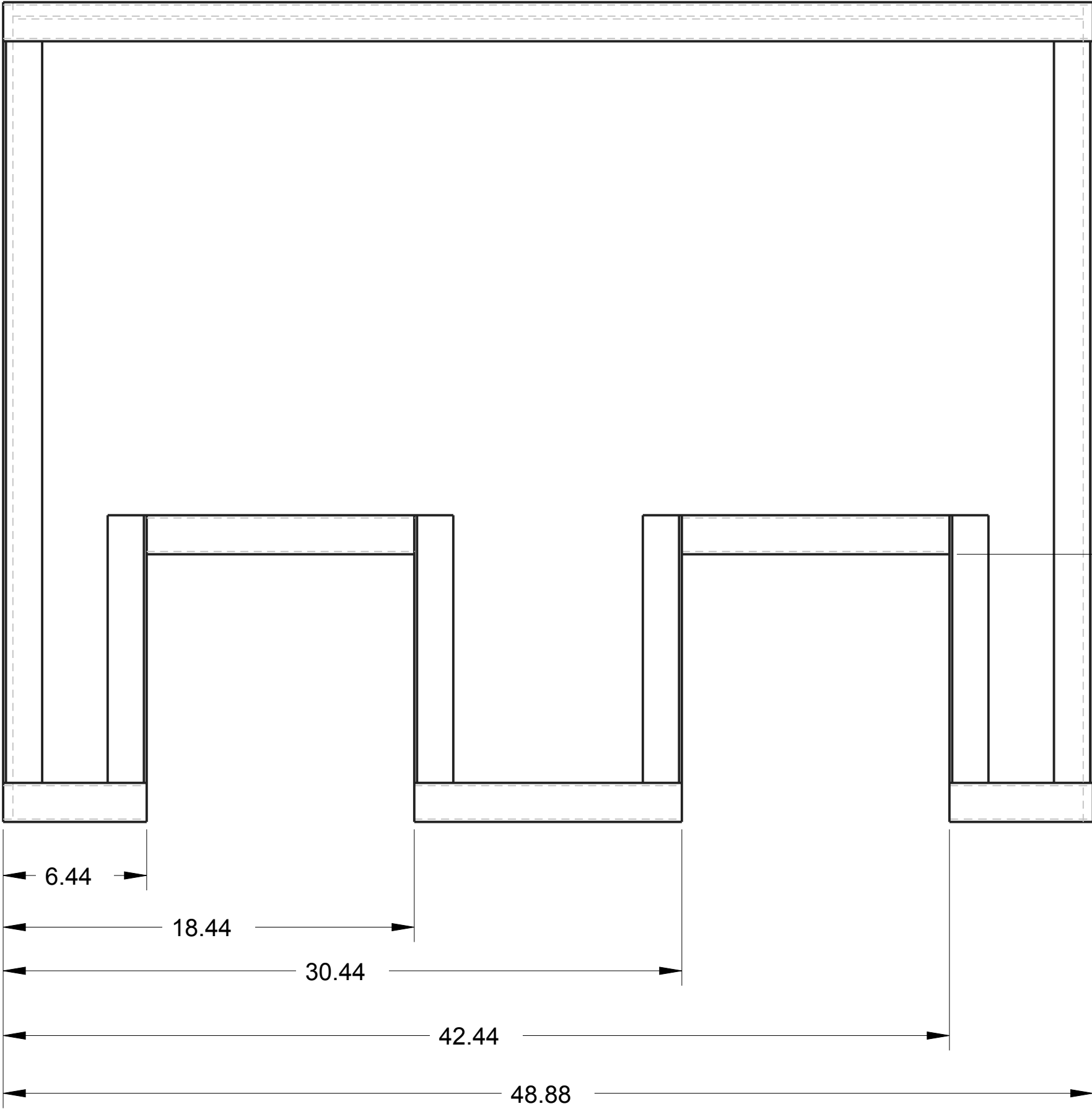
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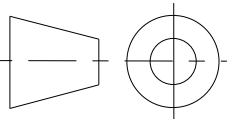

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MODEL NAME	TITLE
GE-16003	HP Station



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	PROJECT	MODEL NAME GE-16003	ISSUE
	DO NOT SCALE		

D

C

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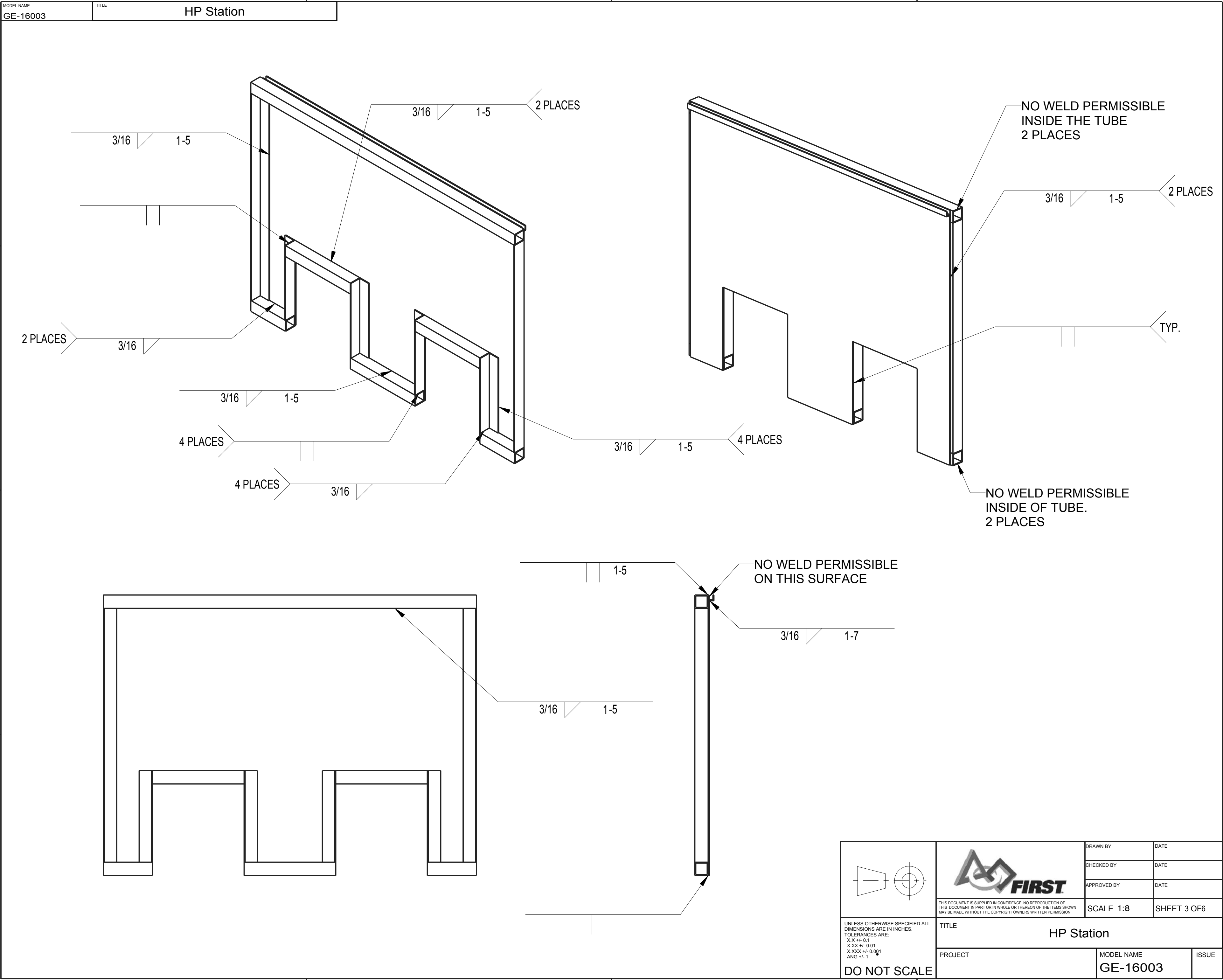
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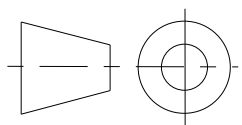

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		SCALE 1:8	SHEET 3 OF 6
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	PROJECT	MODEL NAME GE-16003	ISSUE
	DO NOT SCALE		

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

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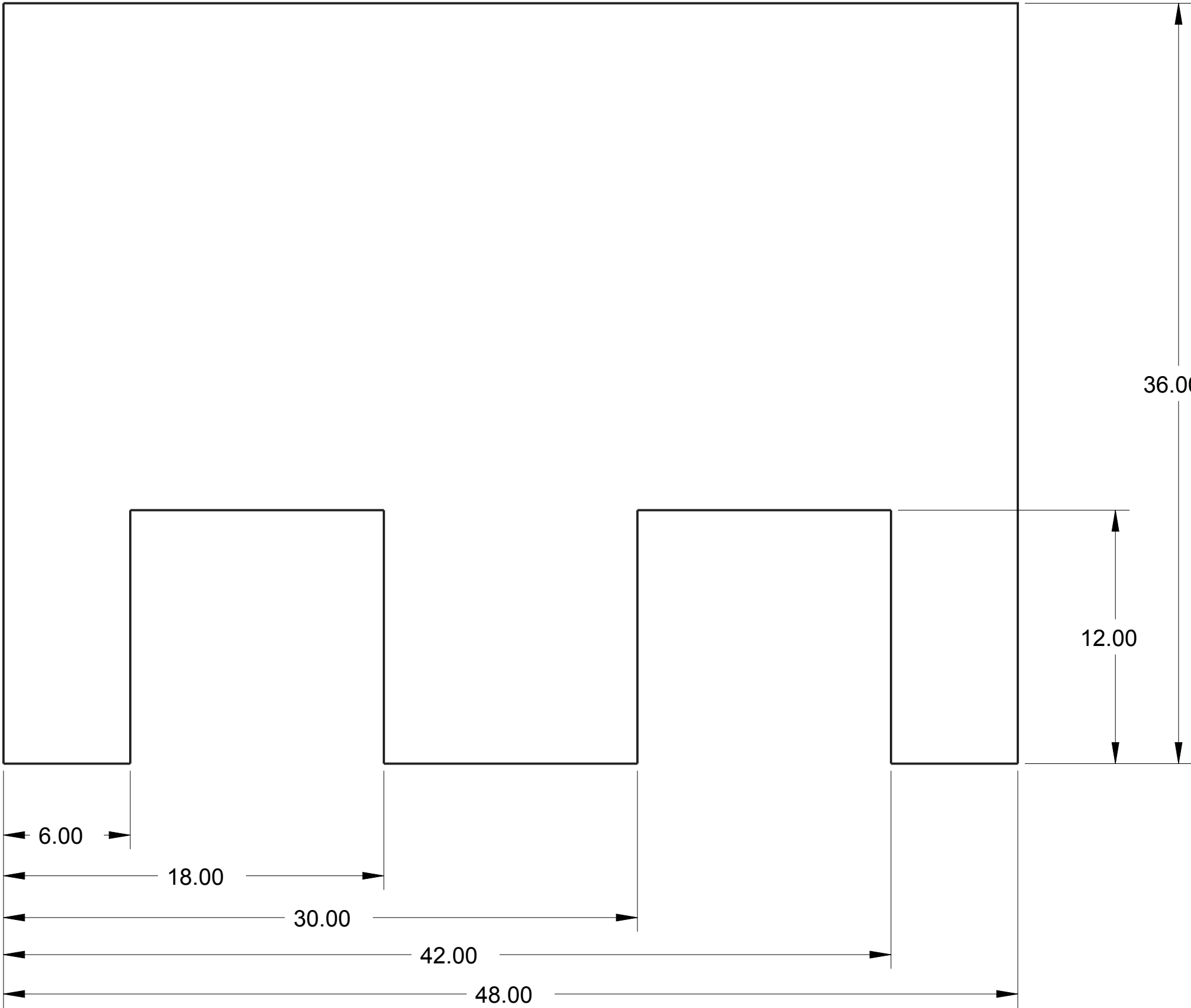
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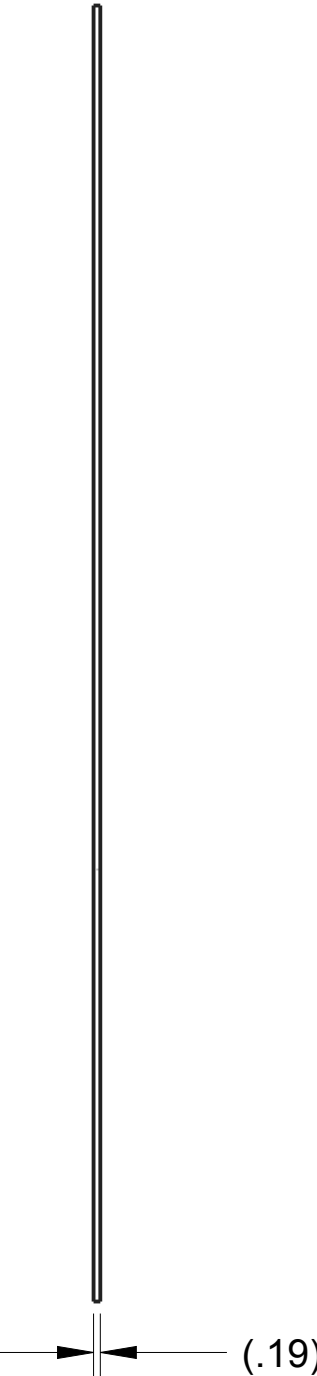
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A

MODEL NAME	TITLE
GE-16003	HP Station




SCALE 3:16



SCALE 1:8

NOTES:

1. Part: HP_EP_DP
2. Material: Aluminum Diamond Plate, .1875" Thick
3. Qty: 1
4. Scale: 3:16
5. Remove all sharp edges and burrs

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		APPROVED BY	DATE
		SCALE 1:4	SHEET 4 OF 6
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	PROJECT	MODEL NAME GE-16003	ISSUE
	DO NOT SCALE		

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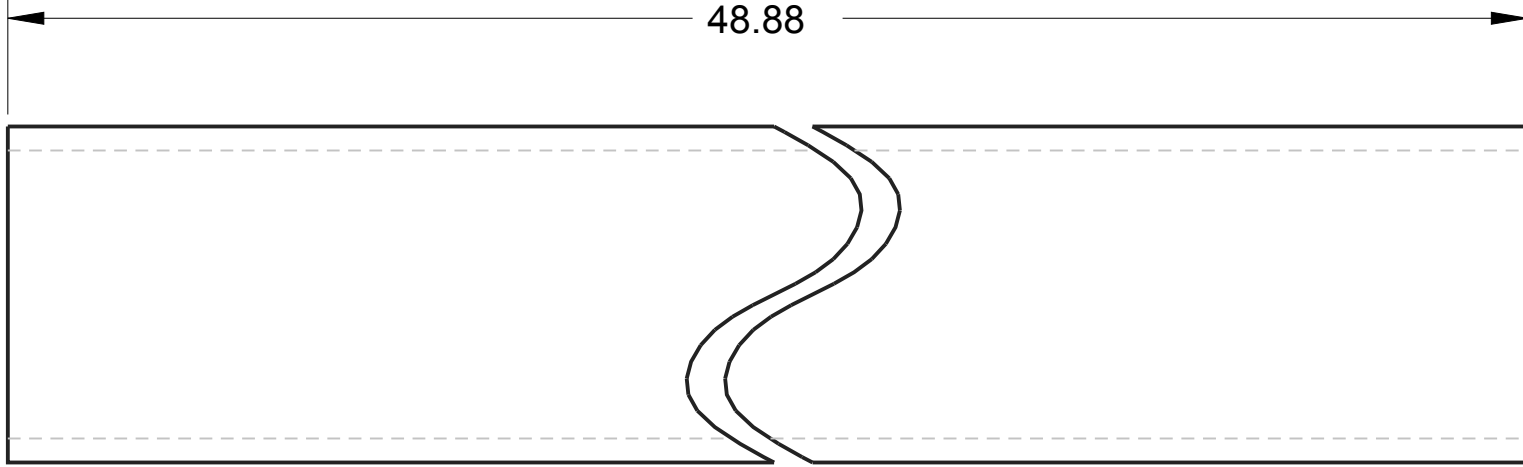
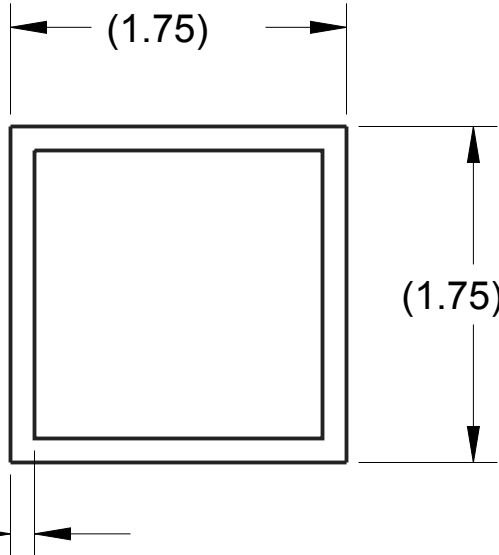
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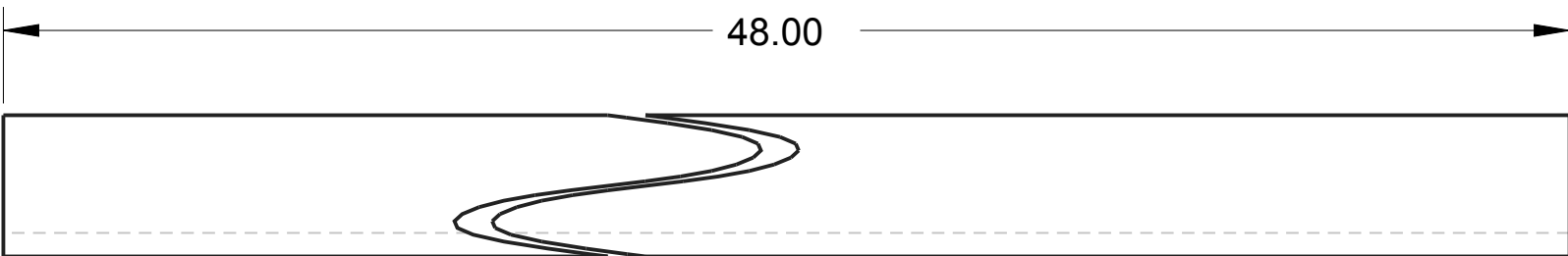
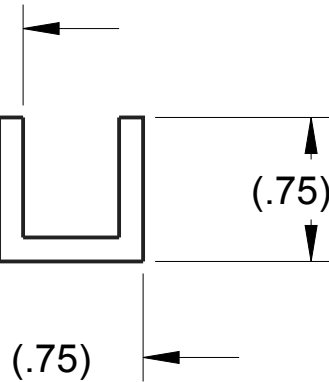
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MODEL NAME GE-16003	TITLE		
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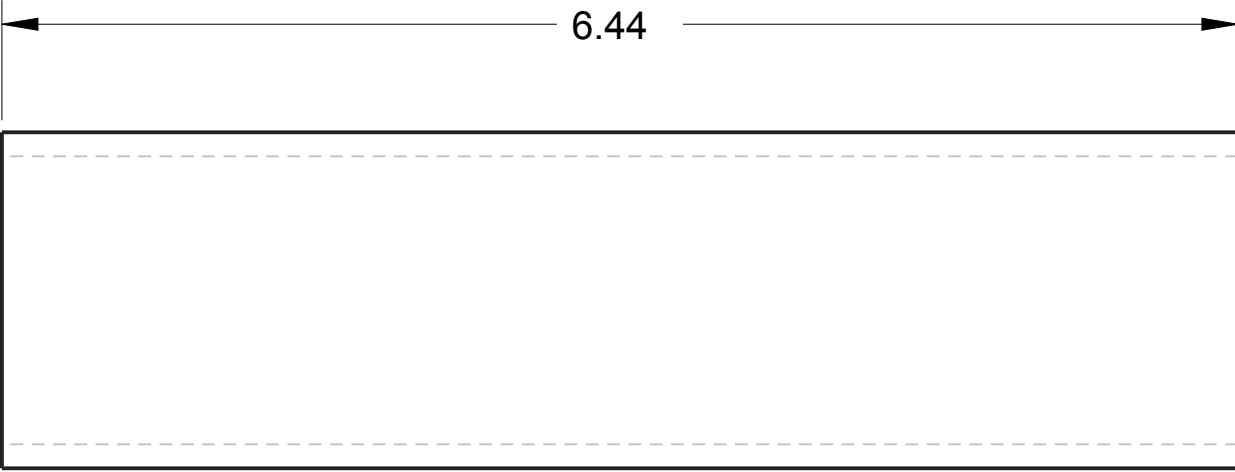
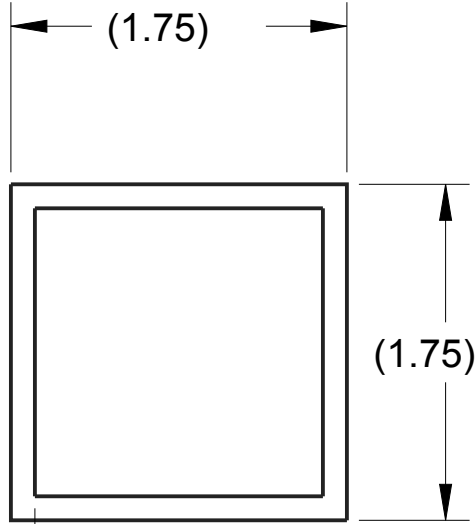
NOTE
Part: HP_EP_TUBE1
Material: 6063 Aluminum Square Tubing, 1.75"
Qty: 2
Scale: 1:1

SCALE 1:1



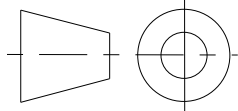

NOTE
Part: HP_DP_Channel
Material: Aluminum Channel, .75", .125" wall
Qty: 1
Scale: 1:1

SCALE 1:1

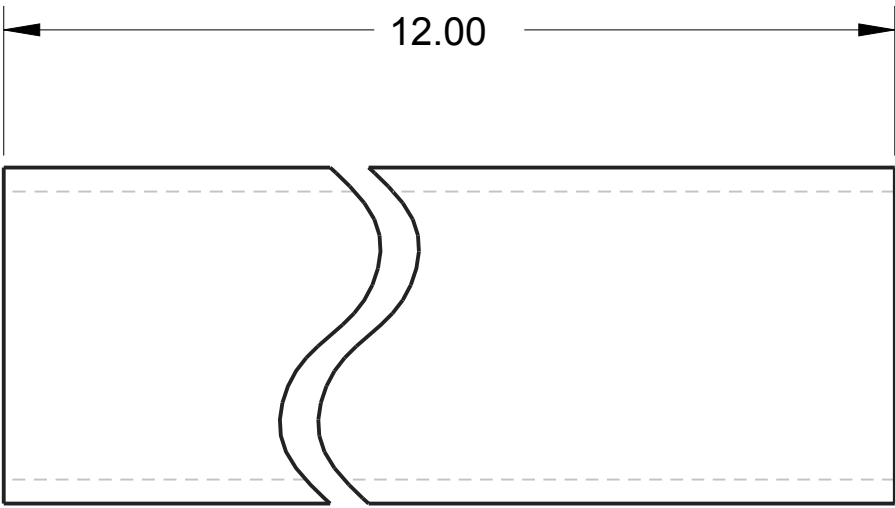
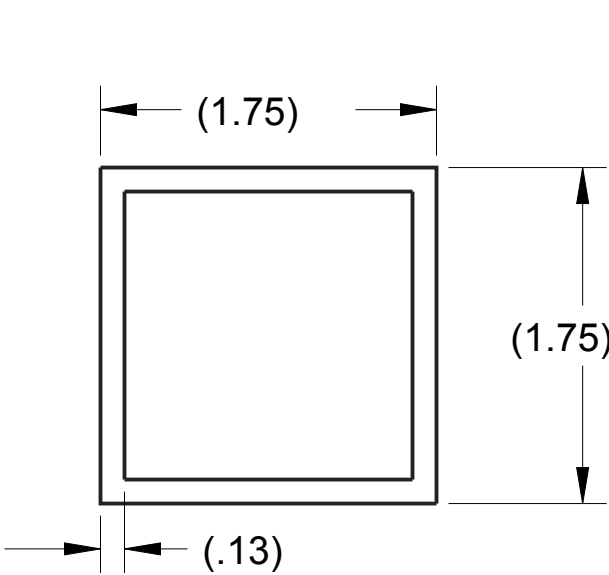


NOTE
Part: HP_EP_TUBE2
Material: 6063 Aluminum Square Tubing, 1.75"
Qty: 2
Scale: 1:1

SCALE 1:1

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	PROJECT		MODEL NAME
	DO NOT SCALE		GE-16003
		ISSUE	

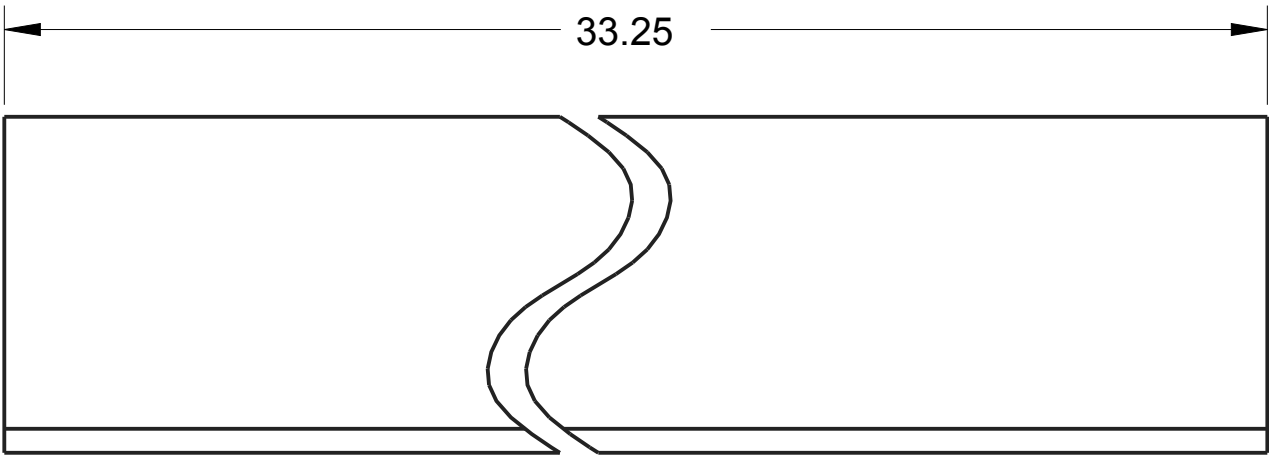
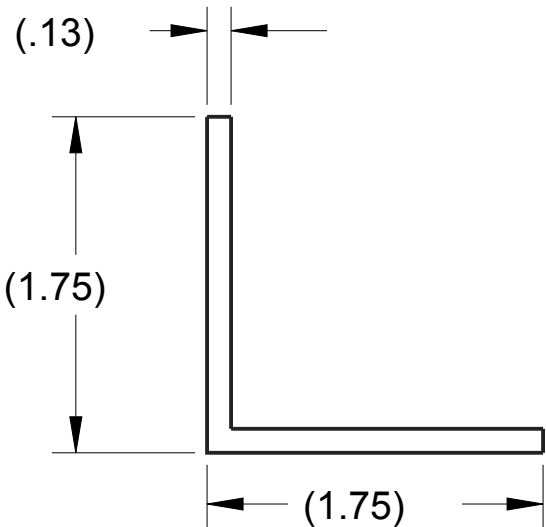
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NOTE
Part: HP_EP_TUBE3
Material: 6063 Aluminum Square Tubing, 1.75"
Qty: 1
Scale: 1:1

D

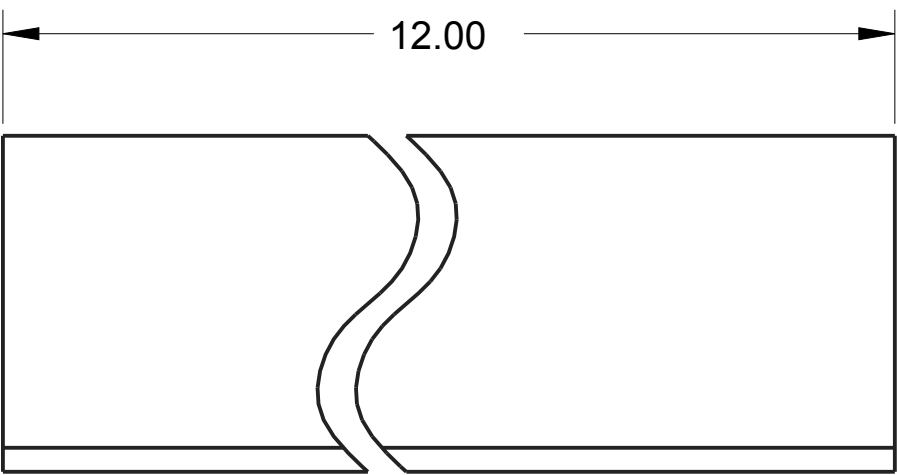
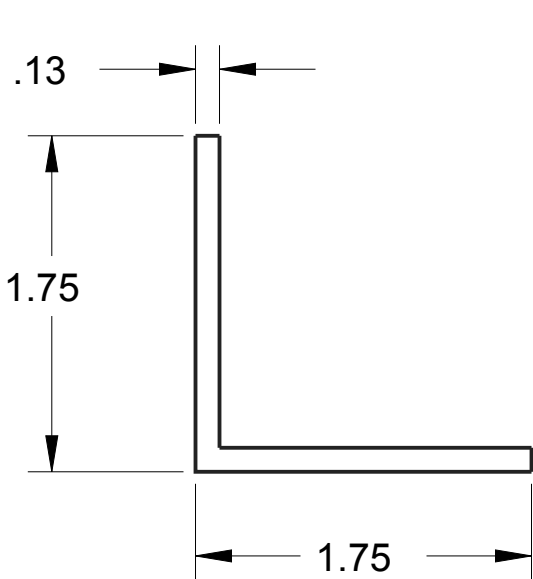
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NOTE
Part: HP_EP_TUBE4
Material: Aluminum Angle, 1.75"
Qty: 2
Scale: 1:1

C

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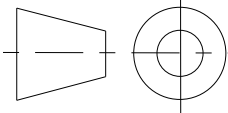



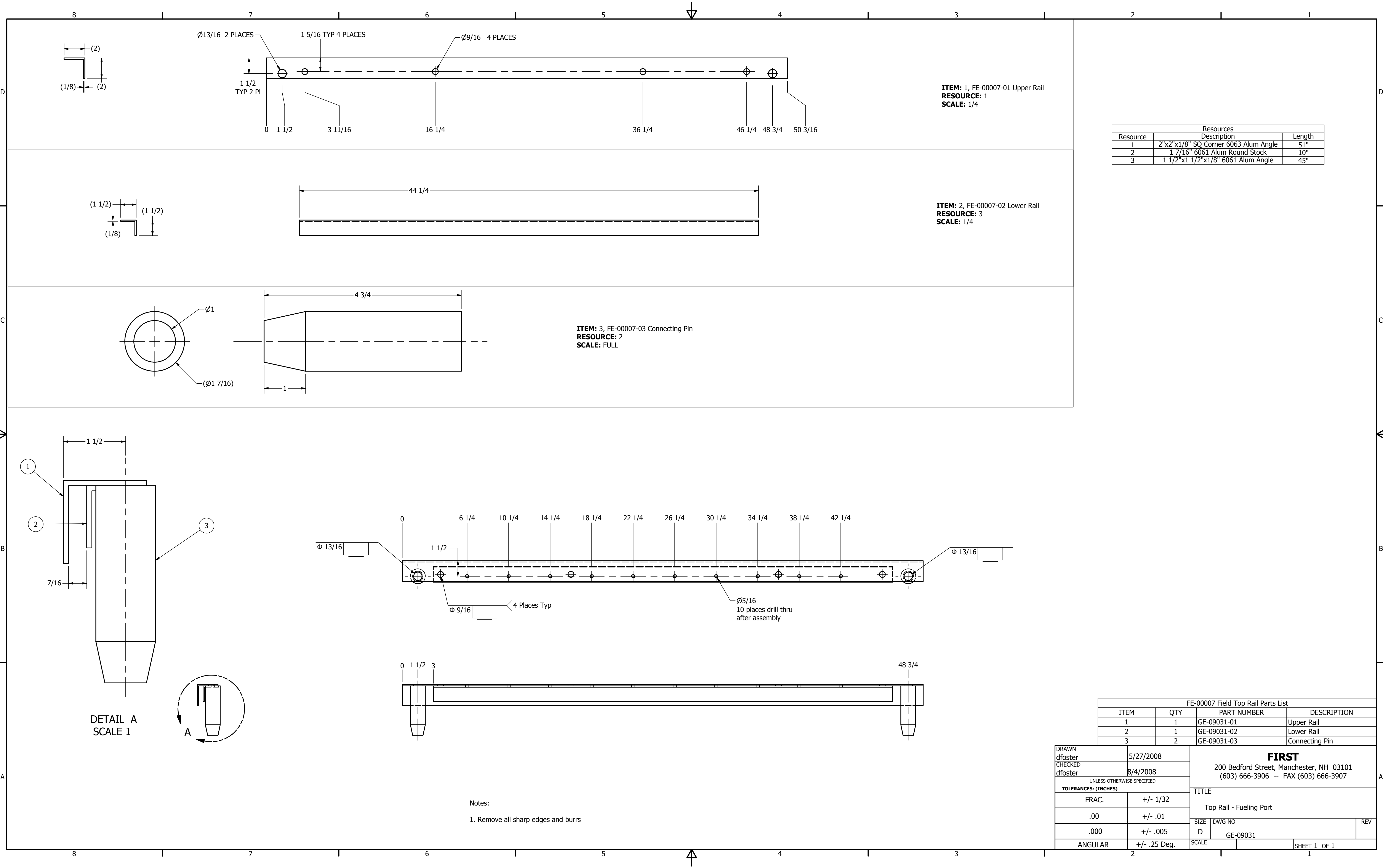
NOTE
Part: HP_EP_TUBE6
Material: Aluminum Angle, 1.75"
Qty: 4
Scale: 1:1

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SCALE 1:1

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			CHECKED BY	DATE
			APPROVED BY	DATE
			SCALE 1:4	SHEET 6 OF 6
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DO NOT SCALE		PROJECT		MODEL NAME GE-16003
				ISSUE



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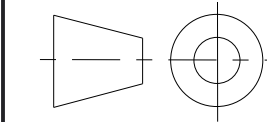
MODEL NAME	TITLE
GE-16004	Tower Assembly

REV	LOCATION	DESCRIPTION	APPROVED	DATE
A	B-3	Added Tape to High Goal Frames	NJS	4/4/2016



A

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16004-01	3	vision tape assembly	4 ft each
2	GE-16004-04	3	High Goal Tape	
3	GE-16004-05	2	High Goal Tape 2	
4	GE-16005	1	tower base	
5	GE-16006	3	lower frame, tower	
6	GE-16007	1	lower cap, tower	
7	GE-16008	3	upper frame, tower	
8	GE-16009	1	upper cap, tower	
9	GE-16067	3	high plastic, tower	
10	GE-16068	2	low goal plastic assembly	
11	GE-16071	1	low plastic assembly	
12	GE-16073	3	middle plastic, tower	
13	GE-16107	1	backboard assembly	
14	GE-16112	1	low goal ramp assembly	
15	GE-16117	2	side rail, low goal ramp	
16	GE-16215	1	flag flipper assembly	
17	GE-16235	1	ROOF ASSEMBLY, TOWER	
18	GE-16236	1	UPPER SCORING RAMP ASSEMBLY	
19	HW-00091	24	pan head, #10-24 x 2"	
20	HW-00092	24	nut, nylock, #10-24	



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

DO NOT SCALE



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TITLE
Tower Assembly

PROJECT
MODEL NAME
GE-16004
ISSUE

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

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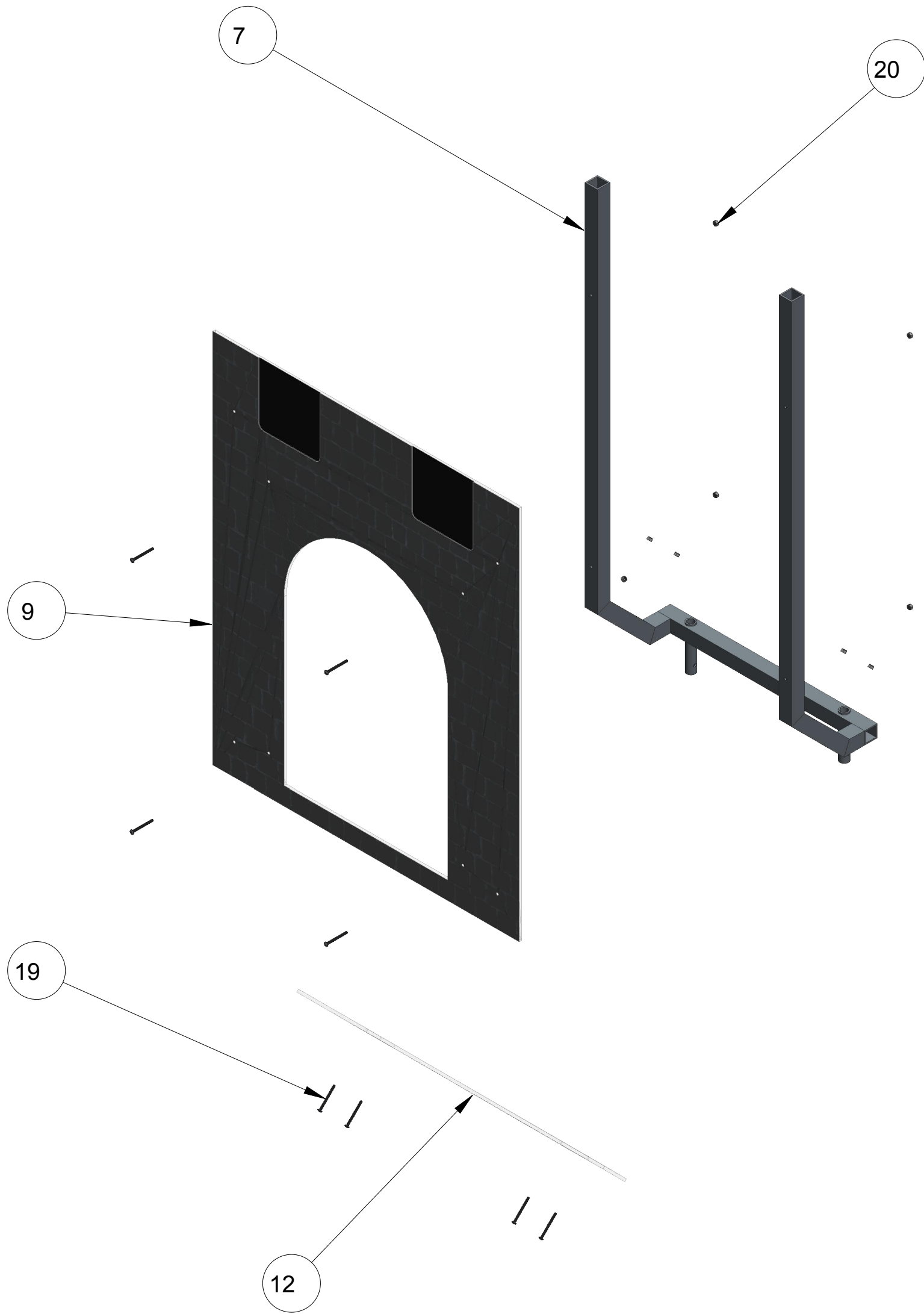
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Step 1:
1. REPEAT 3 TIMES

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	PROJECT	MODEL NAME	ISSUE
	DO NOT SCALE		GE-16004

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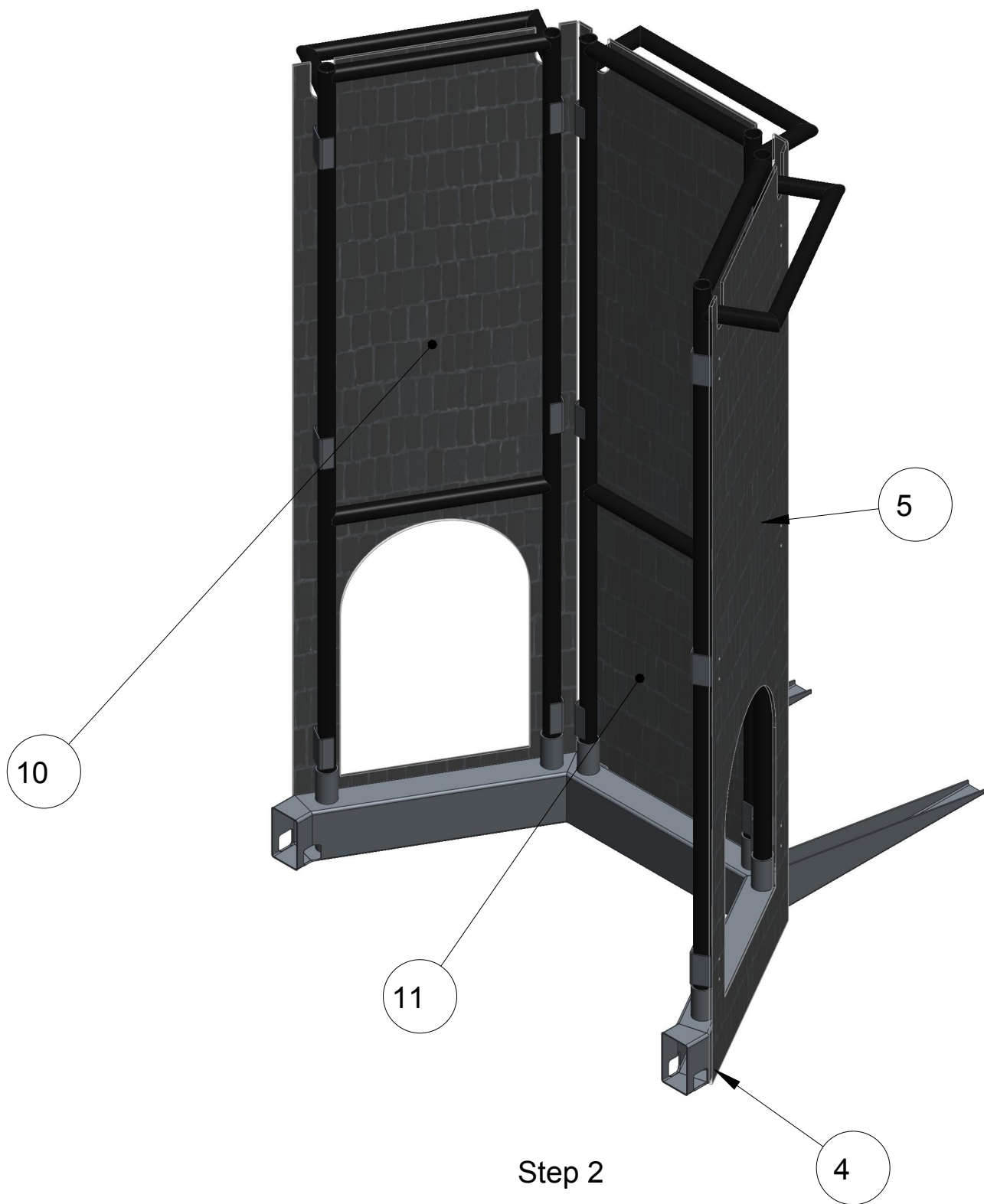
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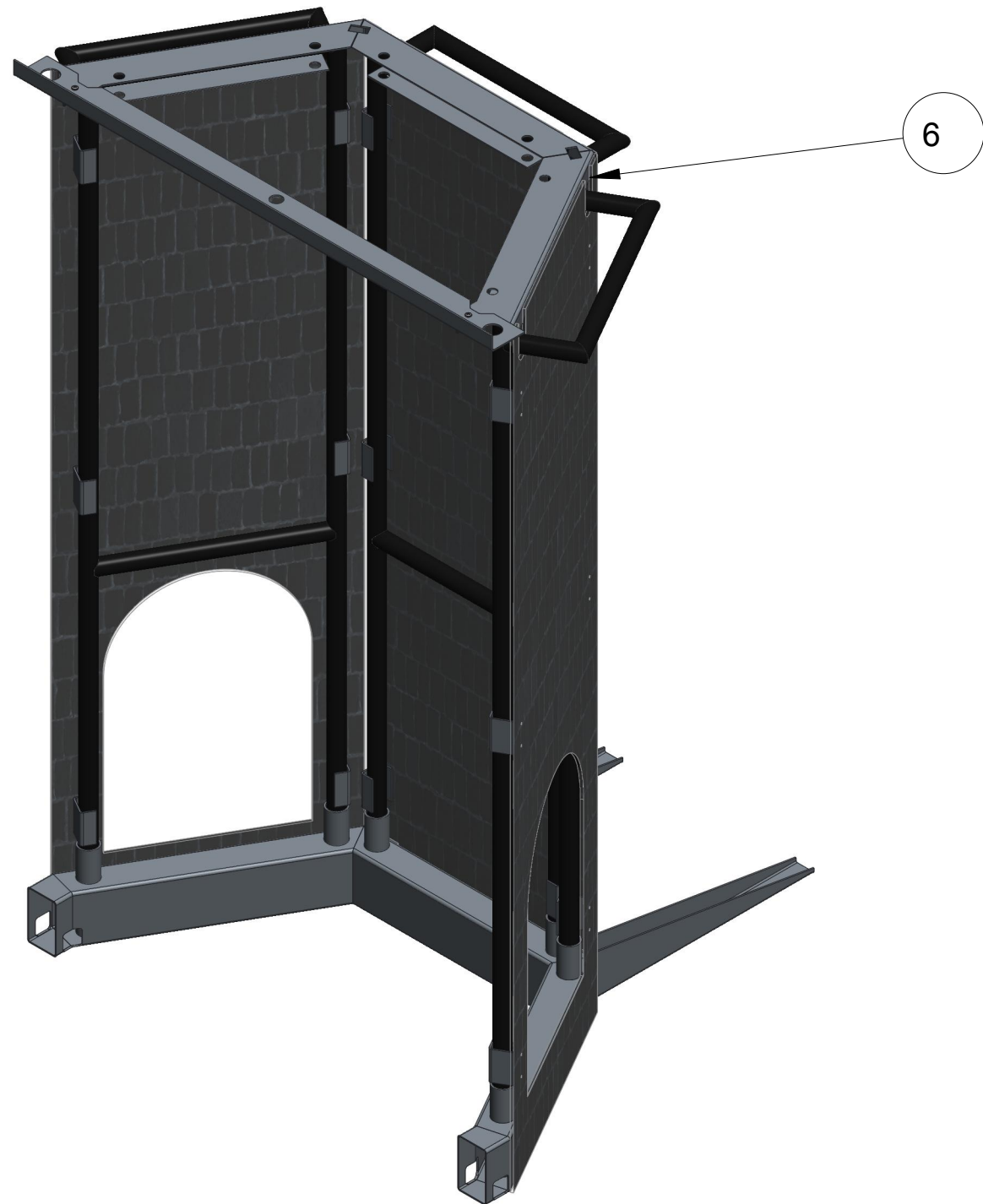
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MODEL NAME	TITLE
GE-16004	Tower Assembly



Step 2



Step 3

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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:12	SHEET 3 OF 5
PROJECT		MODEL NAME GE-16004	ISSUE

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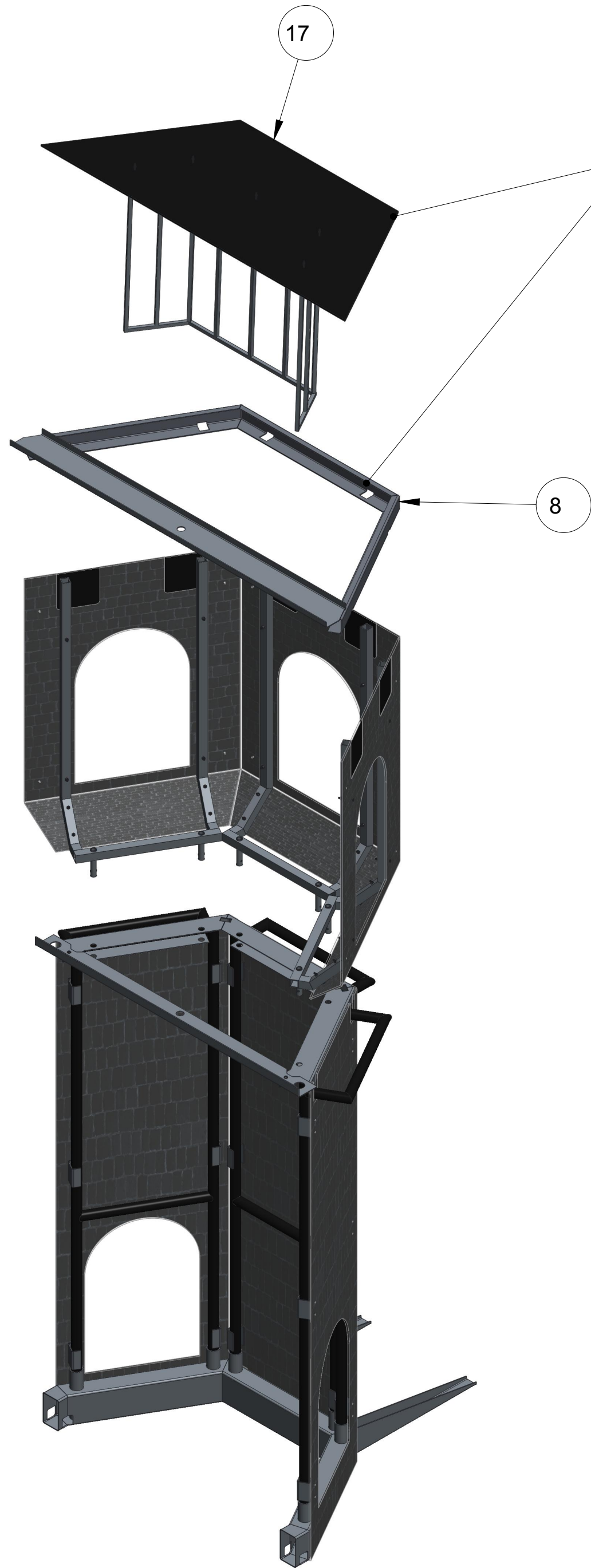
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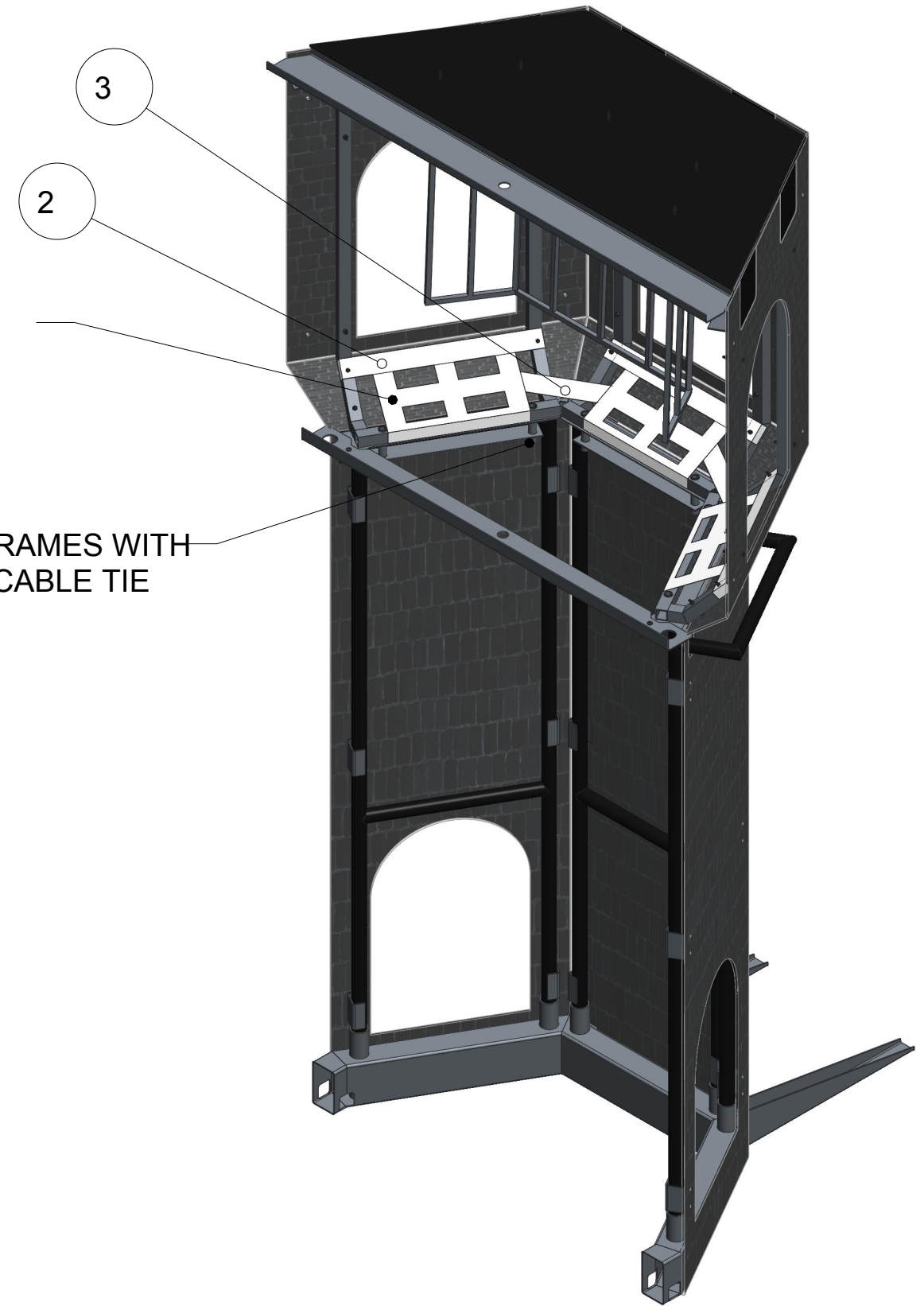
A




ADD HOOK AND LOOP TO THESE
EDGES TO SECURE. 30 INCHES OF EACH.

Add 2" Gaffers Tape as shown.
Repeat for all High Goals.

SECURE UPPER FRAMES WITH
COTTER PIN OR CABLE TIE



Step 4

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	SCALE 13:192		SHEET 4 OF 5
<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1</small> DO NOT SCALE	TITLE Tower Assembly		
	PROJECT		MODEL NAME GE-16004
			ISSUE

D

C

B

A

1

2

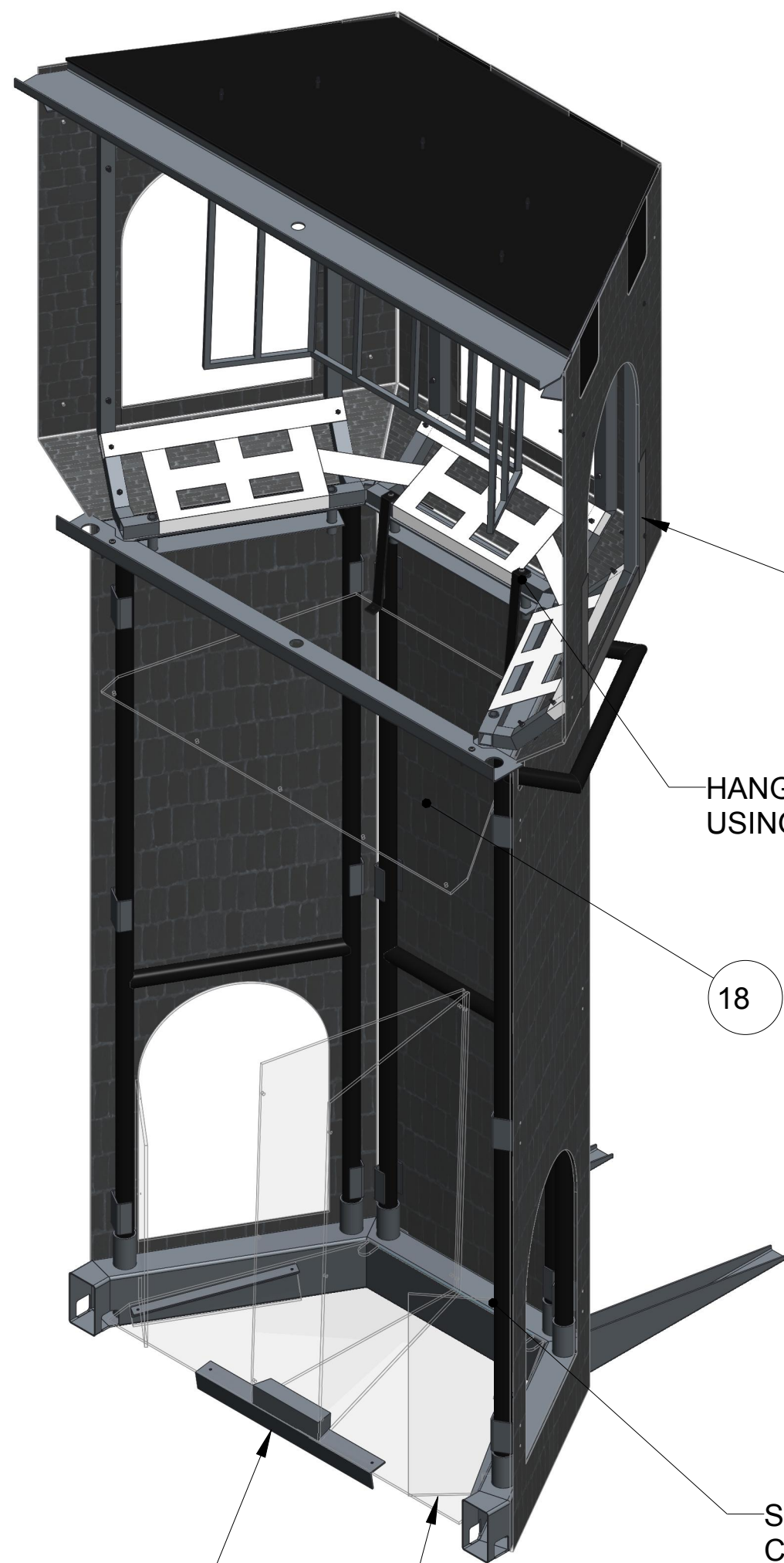
3

4

MODEL NAME
GE-16004

TITLE

Tower Assembly



Step 5

HANG ITEM 16 FROM UPPER FRAMES (ITEM 5)
USING NYLON WEBBING AND PAN HEAD SCREWS

SECURE ITEM 13 TO ITEM 3 USING
CABLE TIES. 4 PLACES

13

1

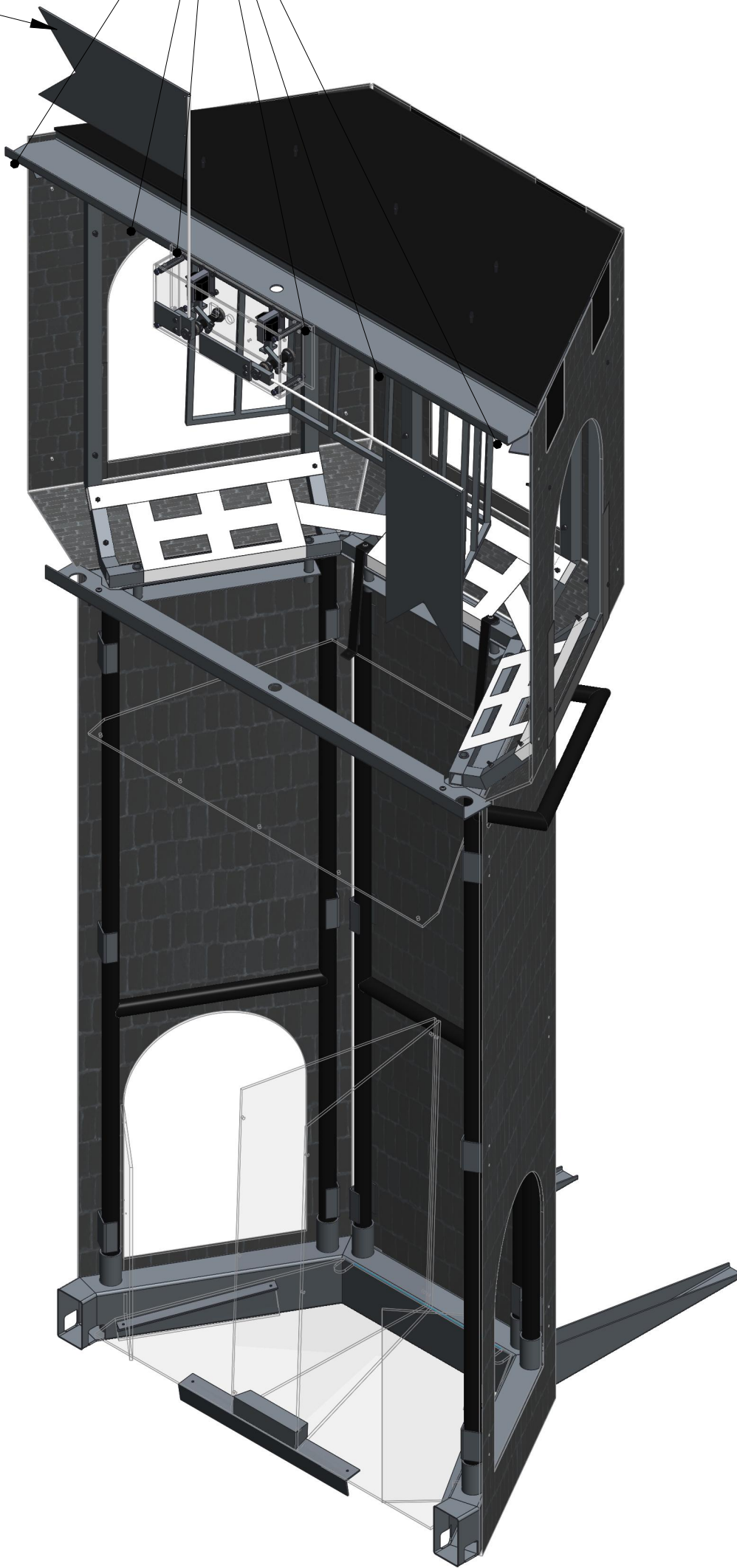
18

14

15

16

DRILL UPPER CAP WITH A .25 DRILL AT THESE LOCATIONS.
SECURE ITEMS 11 AND 14 USING CABLE TIES.




Step 6

D

C

B

A

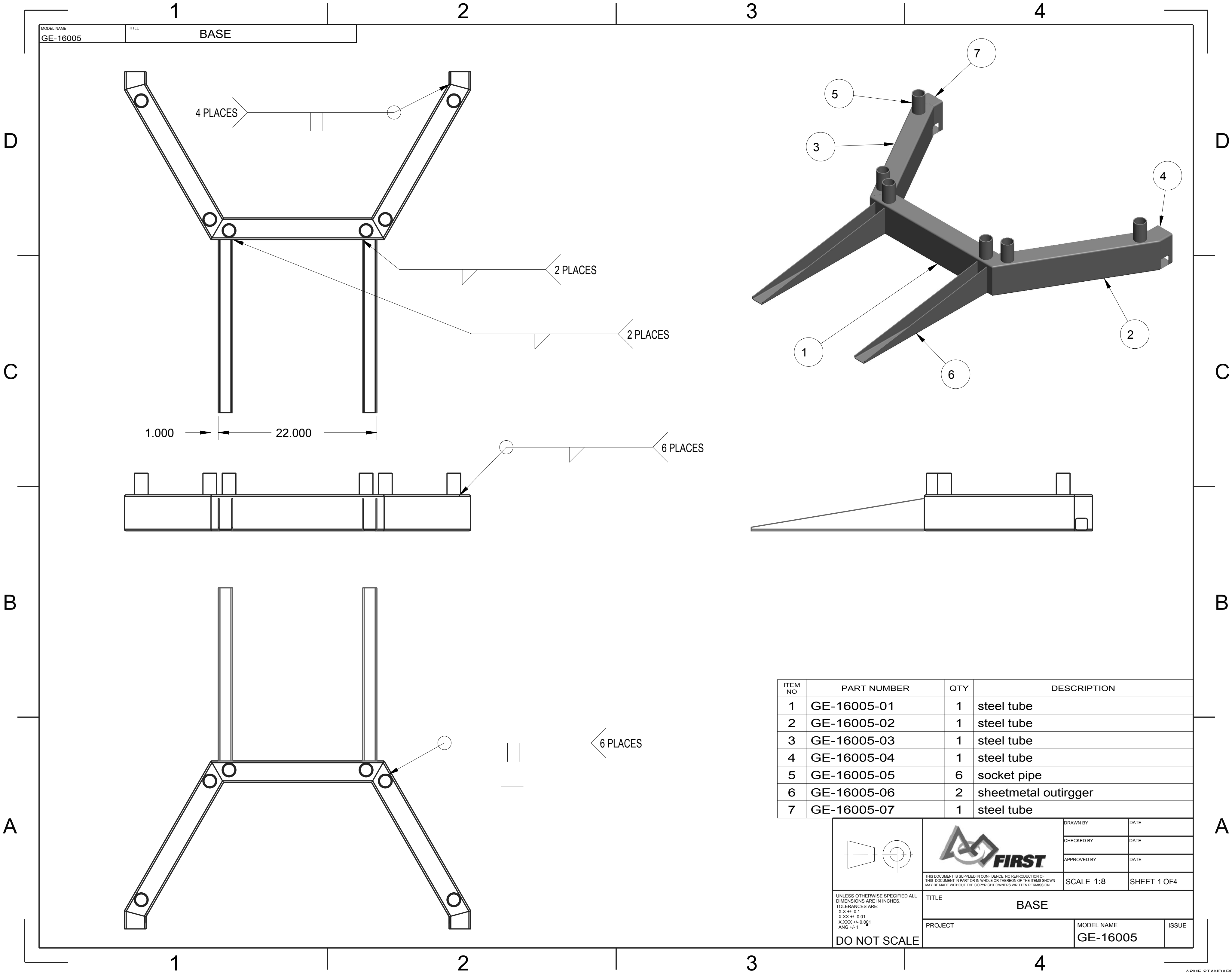
 <small>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREON OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION</small>	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:12	SHEET 5 OF 5
<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1</small> DO NOT SCALE	TITLE Tower Assembly	
	PROJECT	MODEL NAME GE-16004
	ISSUE	

1

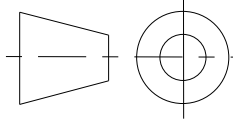
2

3

4



ITEM NO	PART NUMBER	QTY	DESCRIPTION
1	GE-16005-01	1	steel tube
2	GE-16005-02	1	steel tube
3	GE-16005-03	1	steel tube
4	GE-16005-04	1	steel tube
5	GE-16005-05	6	socket pipe
6	GE-16005-06	2	sheetmetal outrigger
7	GE-16005-07	1	steel tube



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

DO NOT SCALE



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TITLE
BASE

PROJECT
MODEL NAME
GE-16005

ISSUE

DRAWN BY
DATE
CHECKED BY
DATE
APPROVED BY
DATE

SCALE 1:8
SHEET 1 OF 4

D

D

C

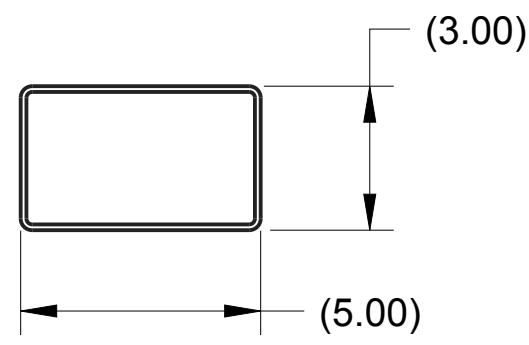
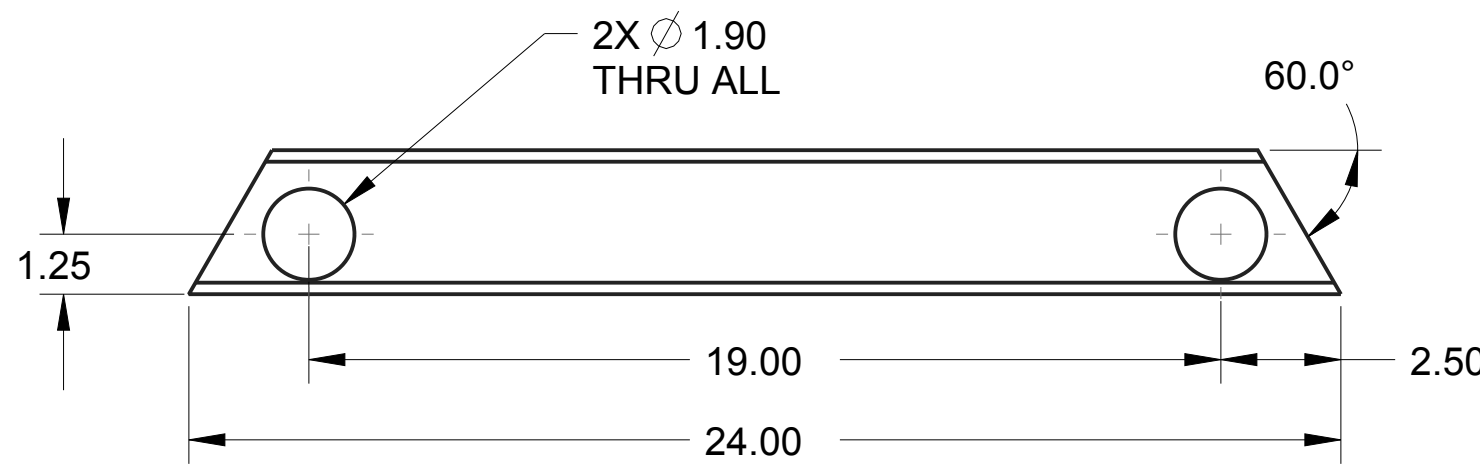
C

B

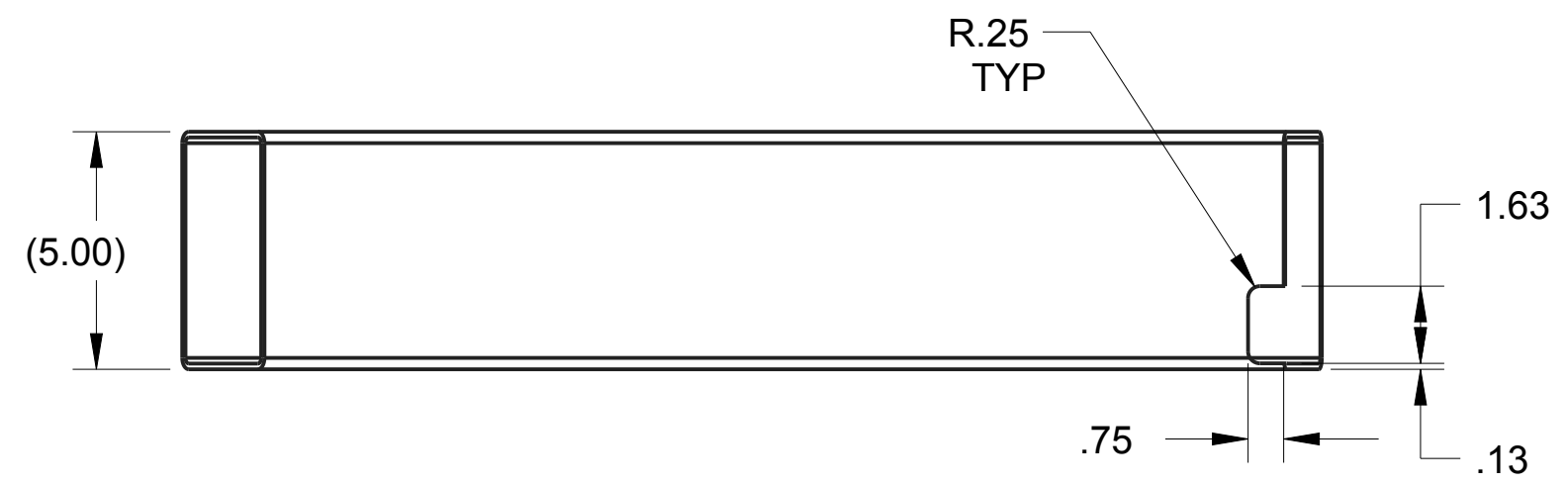
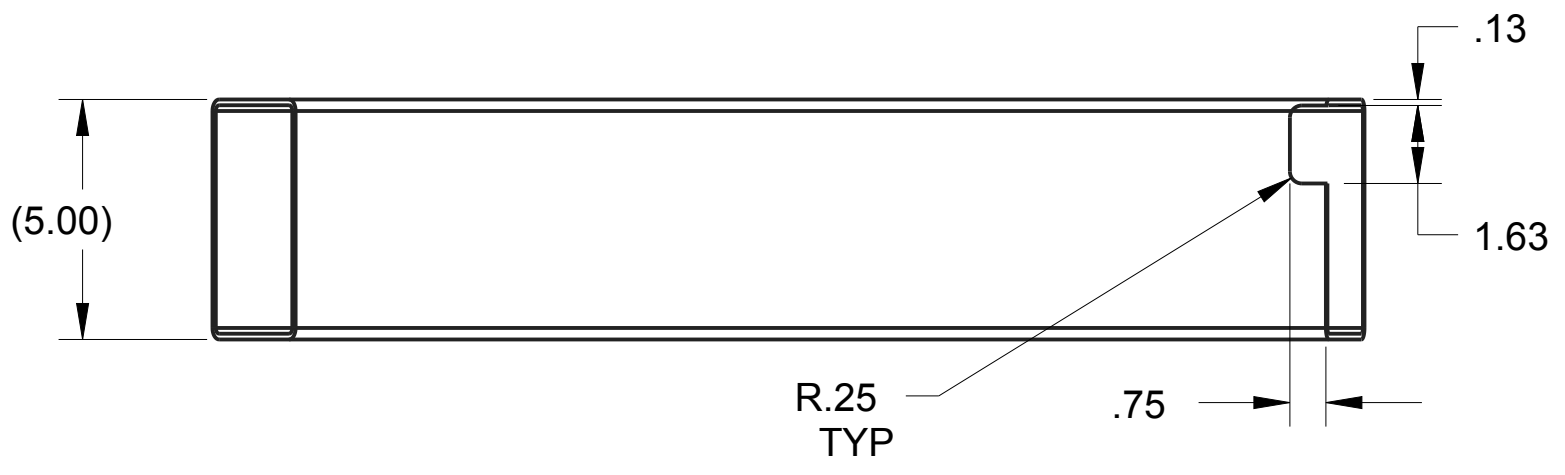
B

A

A




ITEM 1: STEEL TUBE
MATERIAL: 5"x3"x.12" A500 STEEL TUBING
QTY: 1



ITEM 3: STEEL TUBE
MATERIAL: 5"x3"x.12" A500 STEEL TUBING
QTY: 1

ITEM 2: STEEL TUBE
MATERIAL: 5"x3"x.12" A500 STEEL TUBING
QTY: 1

<div>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1</div> <div>DO NOT SCALE</div>	<div></div> <div>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</div>	DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:8	
TITLE BASE			
PROJECT		MODEL NAME GE-16005	ISSUE

D

C

B

A

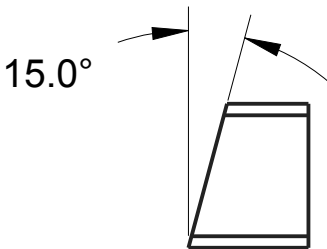
D

C

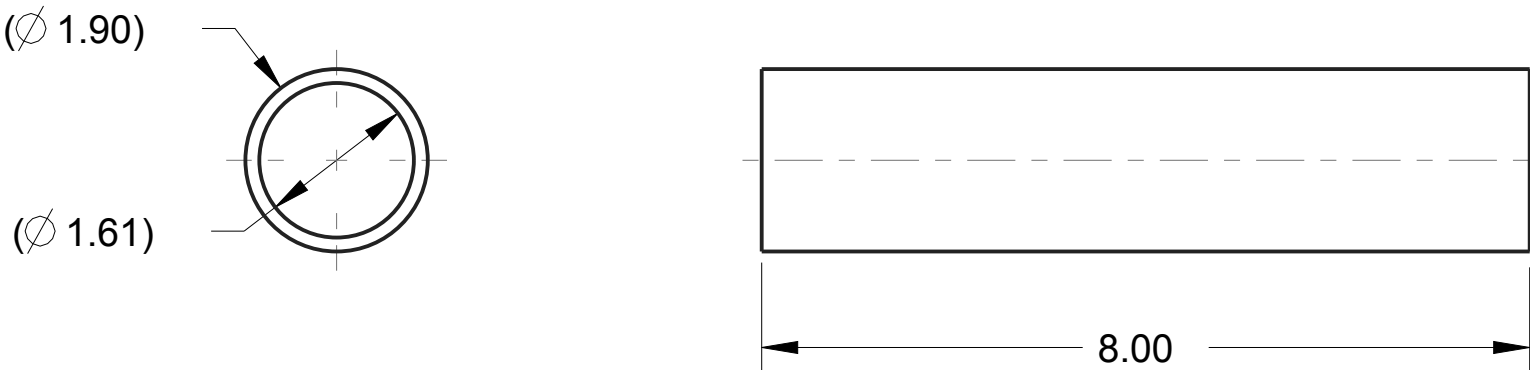
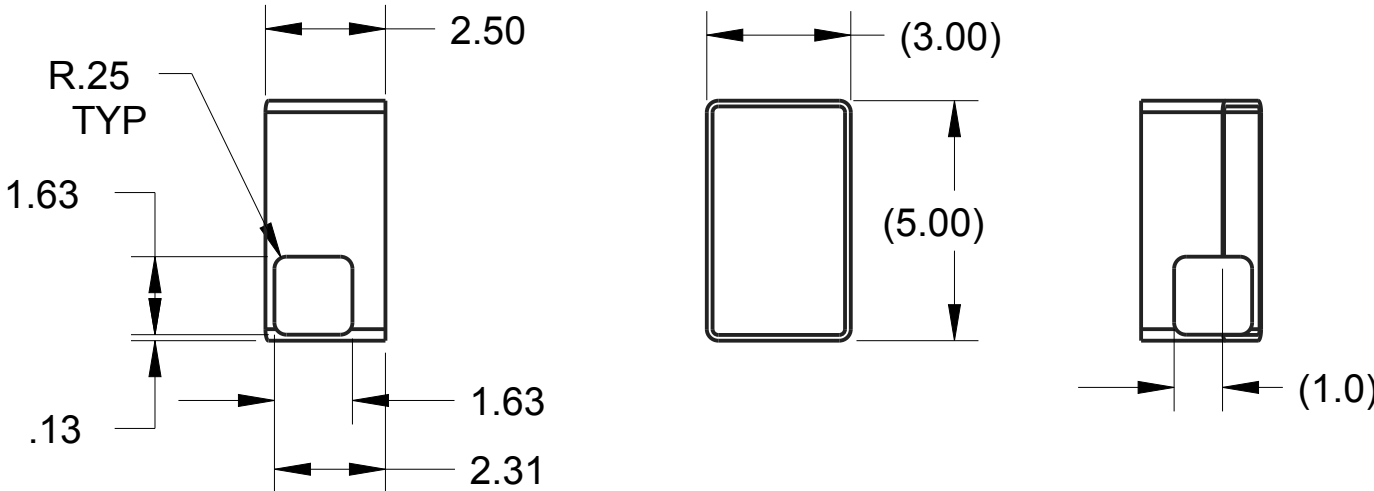
B

A


MODEL NAME	TITLE
GE-16005	BASE

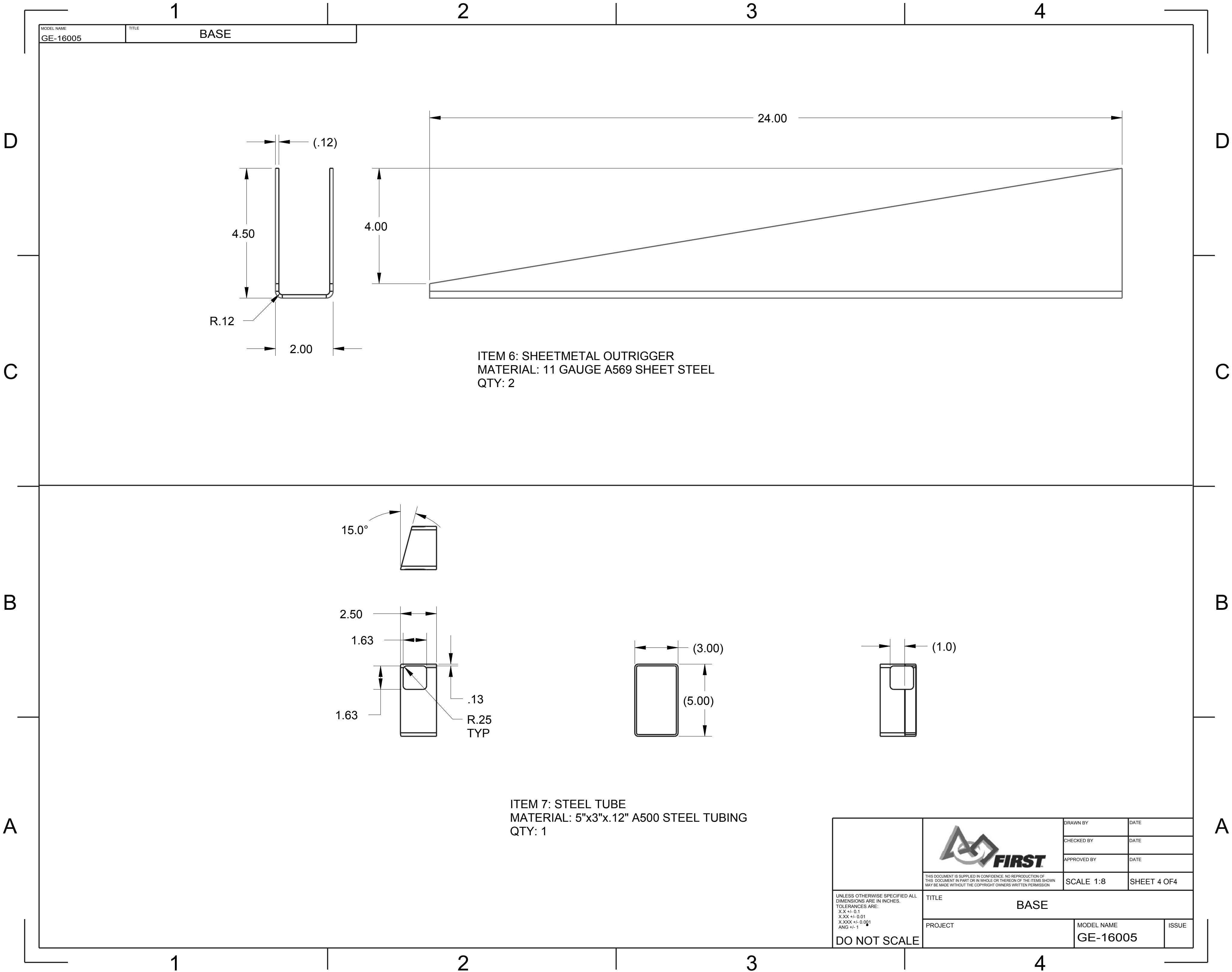


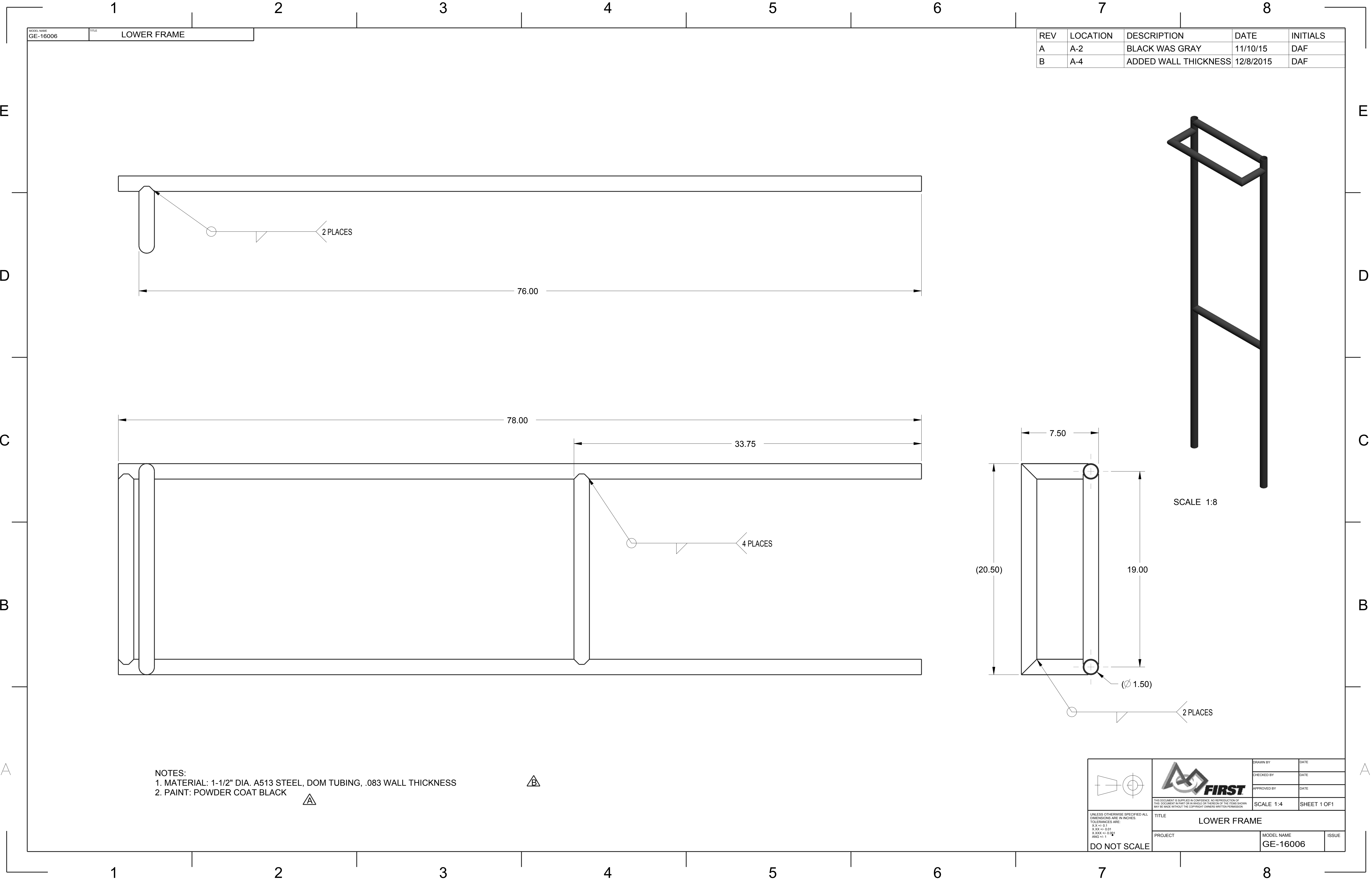
ITEM 4: STEEL TUBE
MATERIAL: 5"x3"x.12" A500 STEEL TUBING
QTY: 1

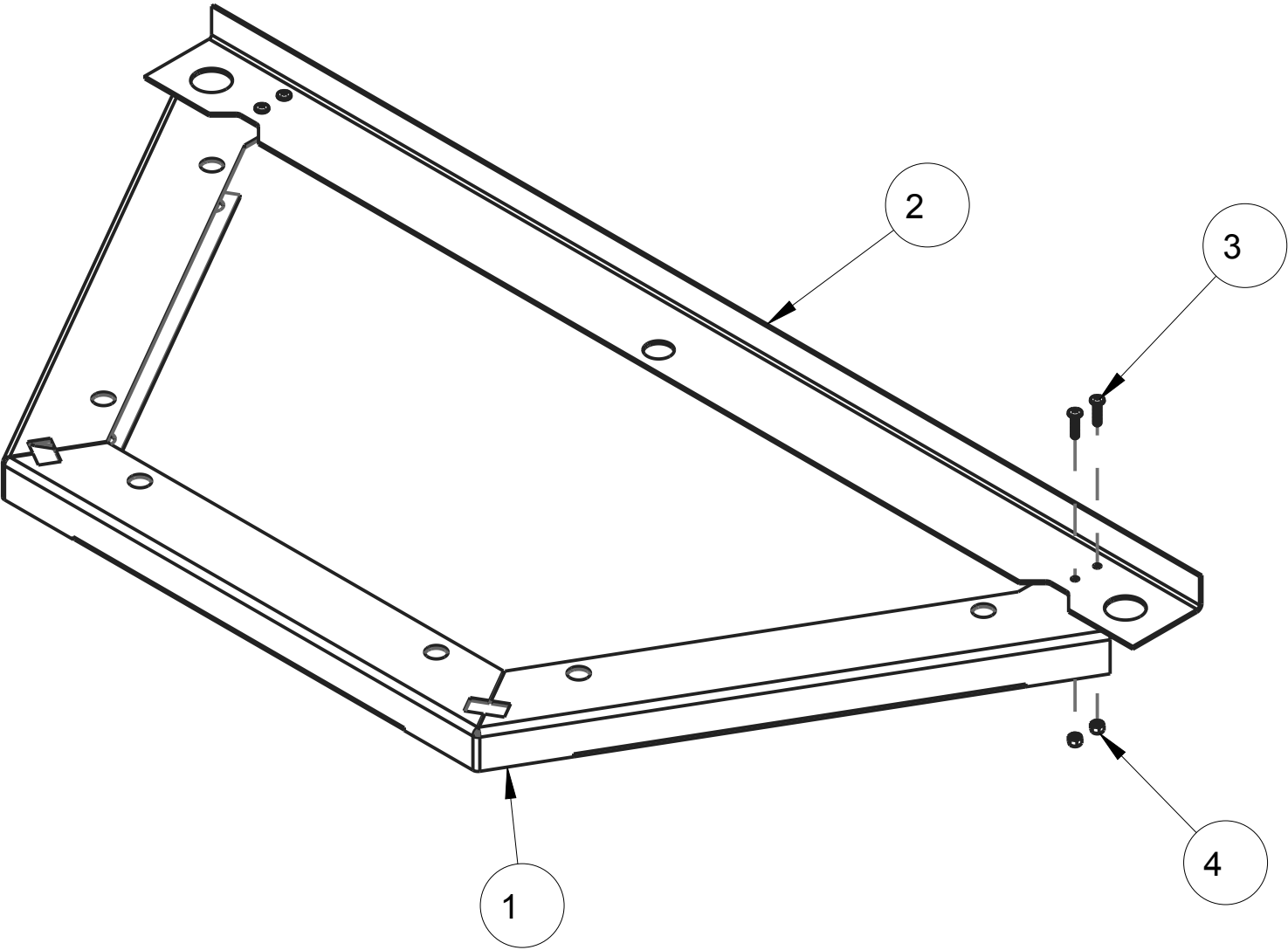


ITEM 5: SOCKET PIPE
MATERIAL: 1-1/2" SCHEDULE 40 A500 STEEL PIPE
QTY: 6


	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:8	SHEET 3 OF 4
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1	TITLE BASE	
	PROJECT	MODEL NAME GE-16005
DO NOT SCALE	ISSUE	







ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16007-01	1	Lower Cap	
2	GE-16007-02	1	Brace, Welded Field	
3	HW-00086	4	pan head, 1/4-20 x 1"	
4	HW-00087	4	nut, nylock 1/4-20	



DRAWN BY

CHECKED BY

APPROVED BY

DATE

DATE

DATE

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SCALE 1:6

SHEET 1 OF1

TITLE

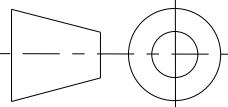
LOWER CAP. TOWER

PROJECT

MODEL NAME

ISSUE

GE-16007



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

DO NOT SCALE

D

C

B

A

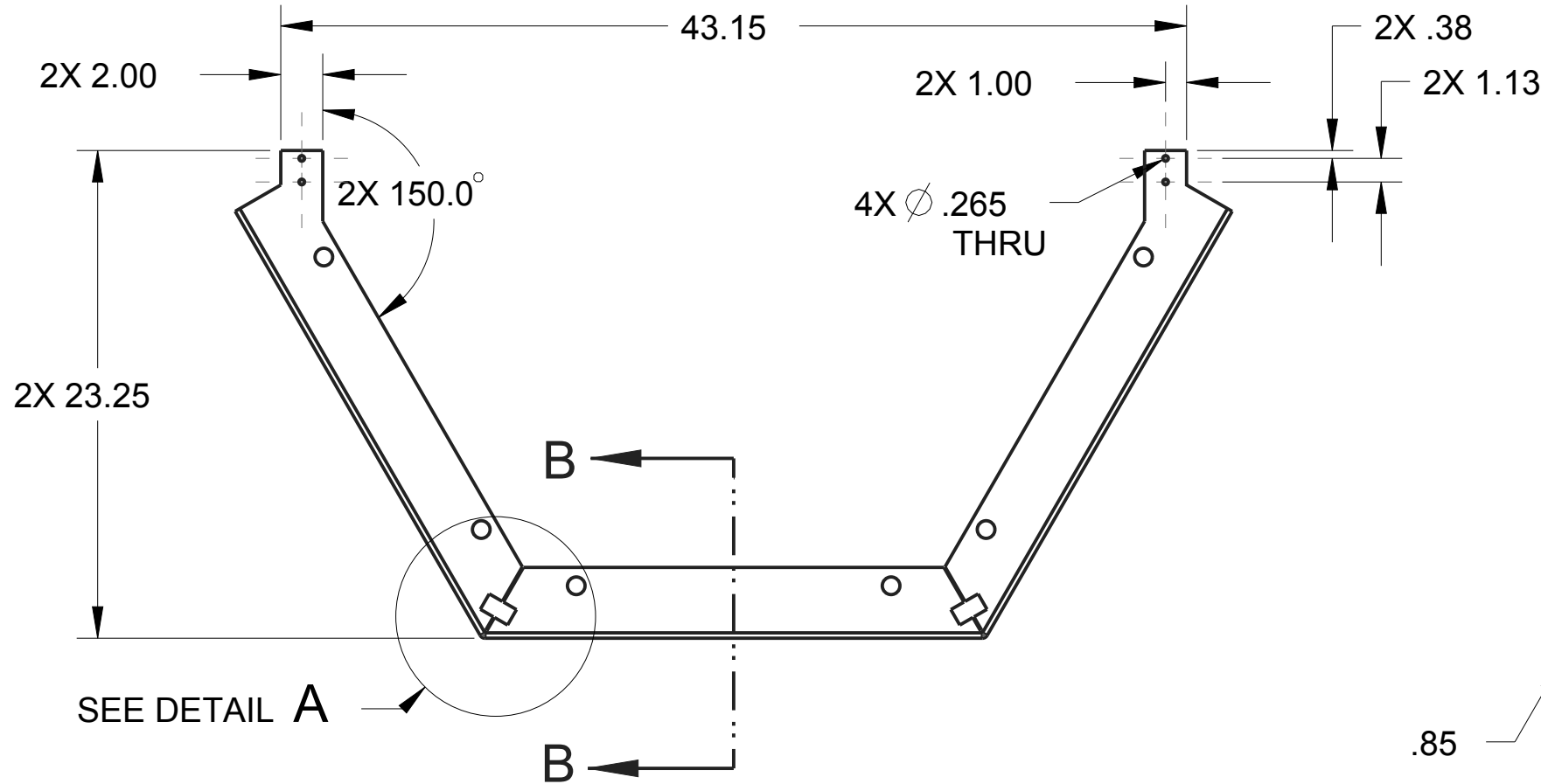
D

C

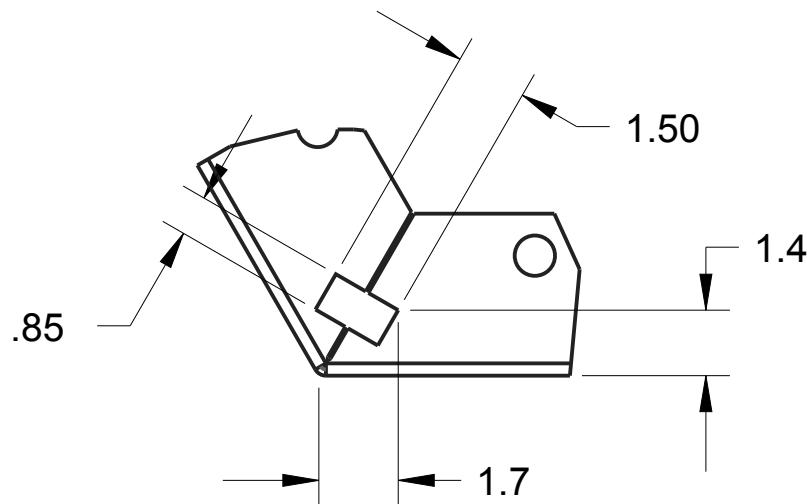
B

A

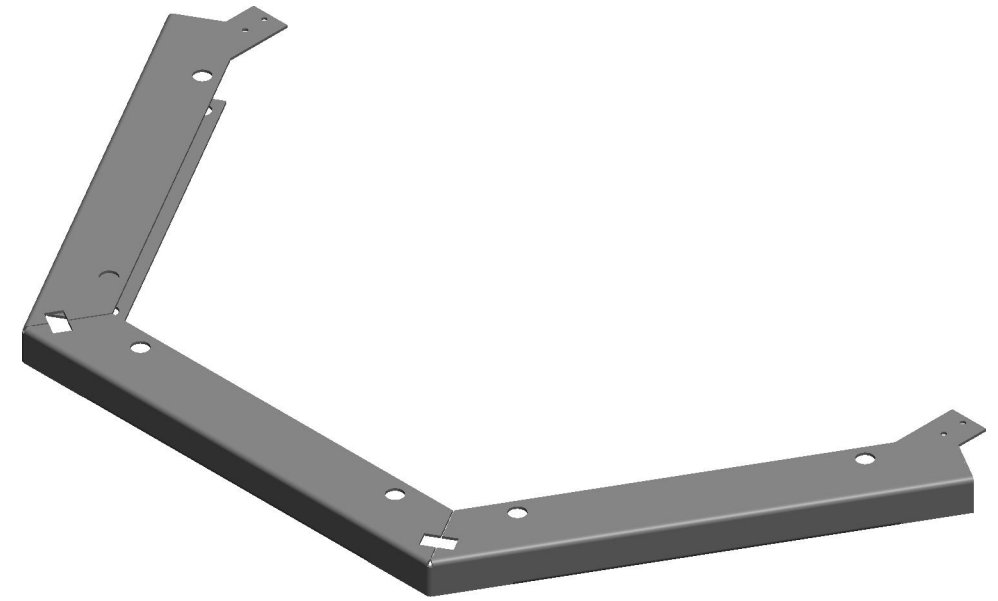
MODEL NAME	TITLE
GE-16007-01	LOWER CAP



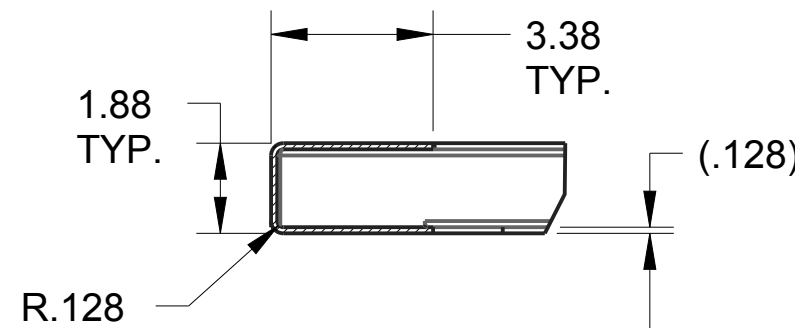
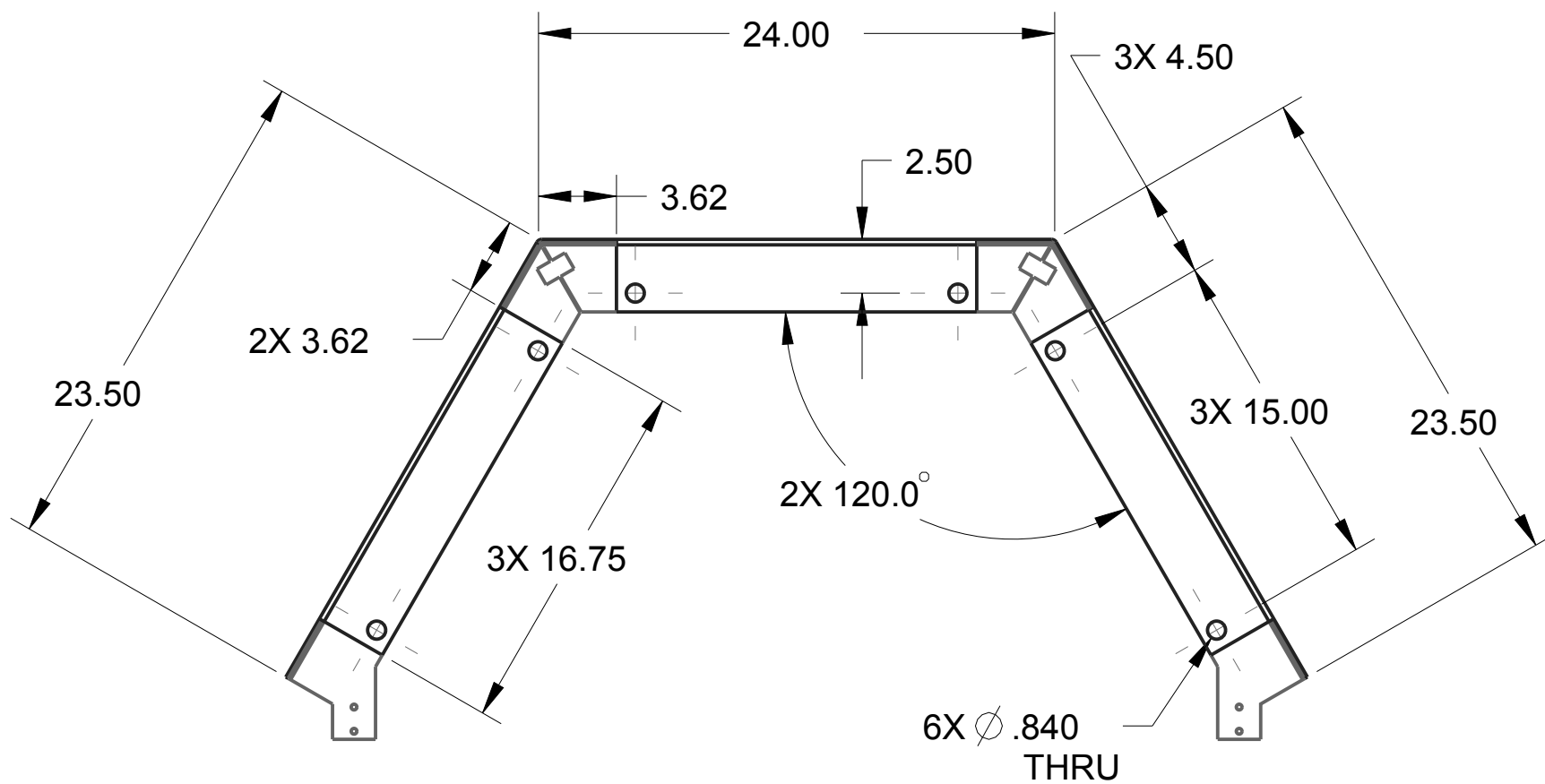
SEE DETAIL A



DETAIL A
SCALE 1:4
TYP. 2 PLACES

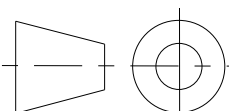



SCALE 1:8



SECTION B-B
SCALE 1:4

NOTES:
1. MATERIAL: 8 GAUGE 5052 ALUMINUM SHEET

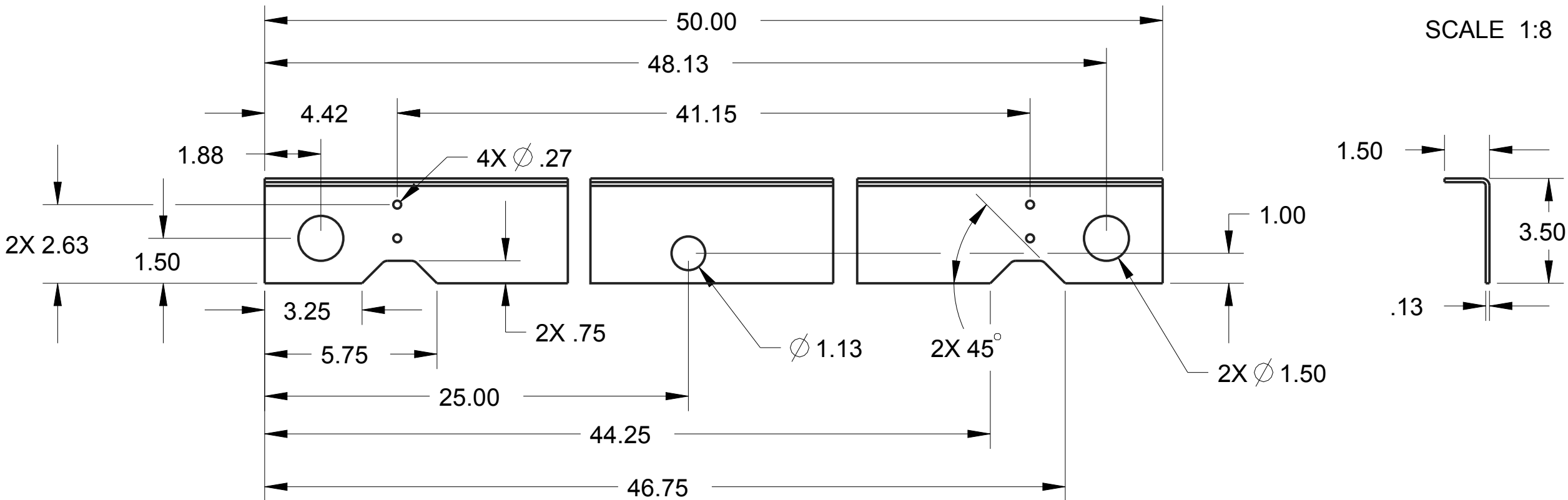
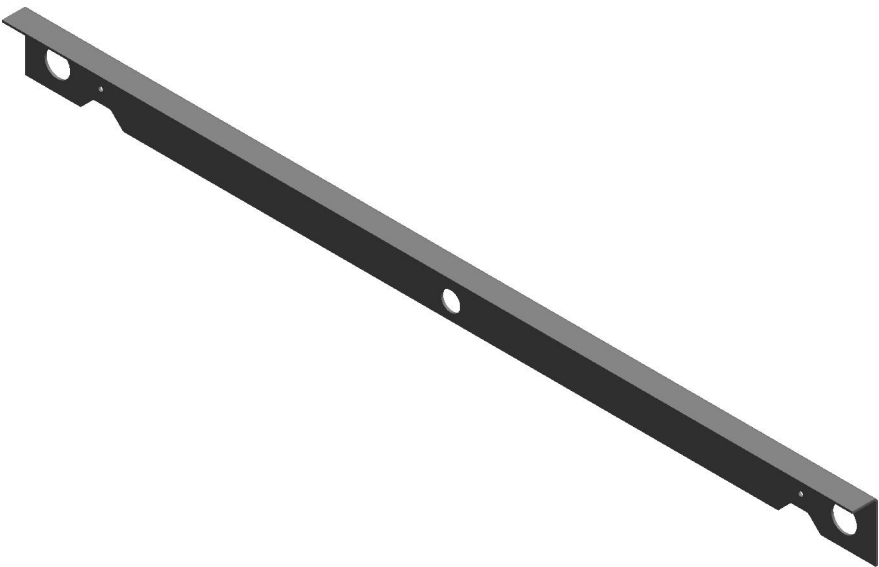
		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:8	SHEET 1 OF 1
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DO NOT SCALE	PROJECT	MODEL NAME GE-16007-01	ISSUE

1

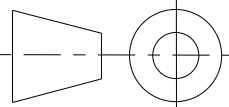

2

3

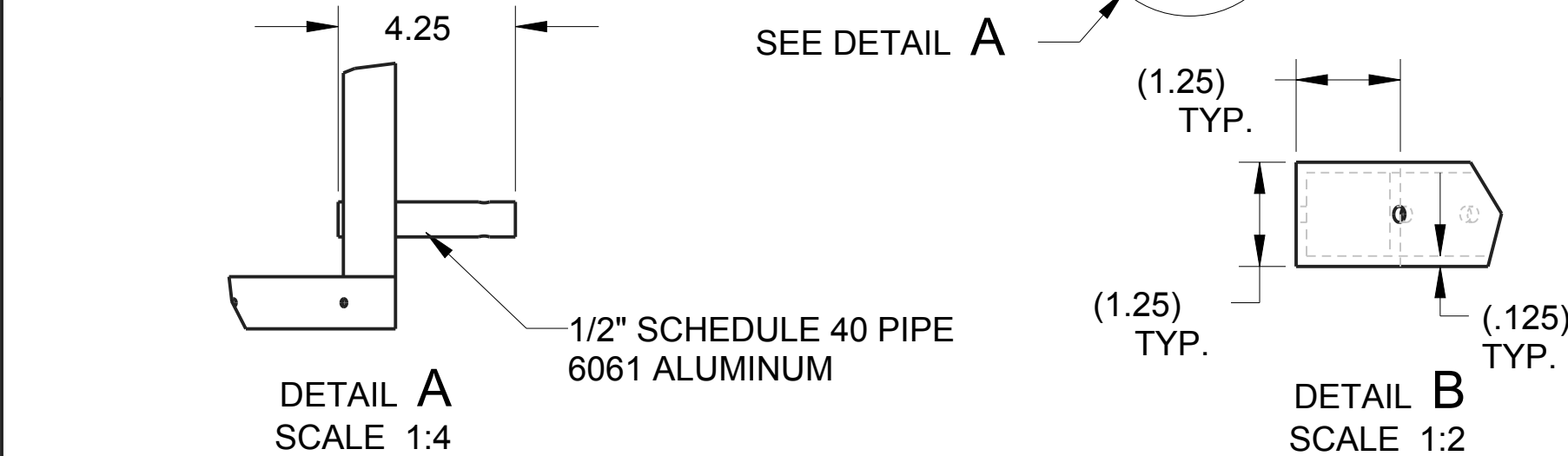
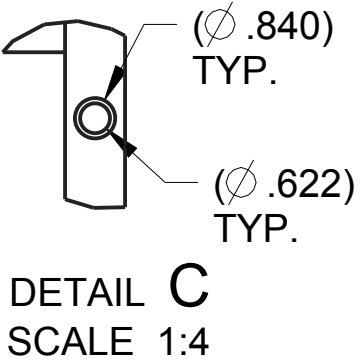
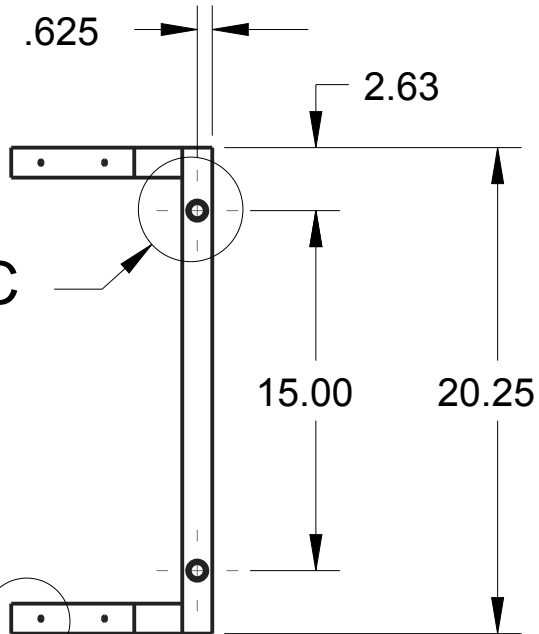
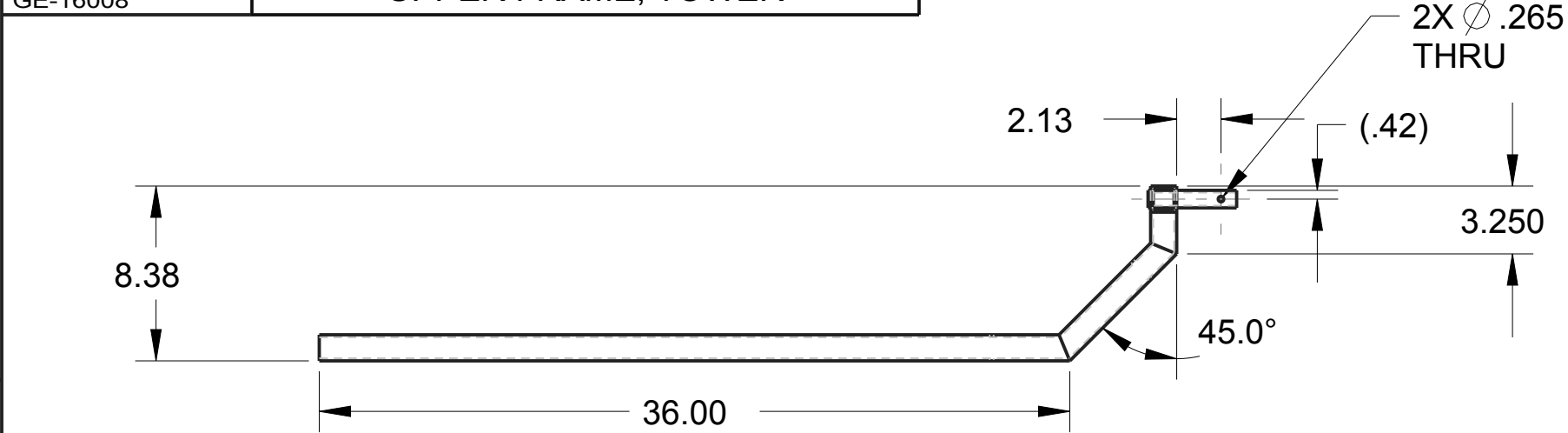
4




NOTES:
1. MATERIAL: 5052 ALUMINUM SHEET

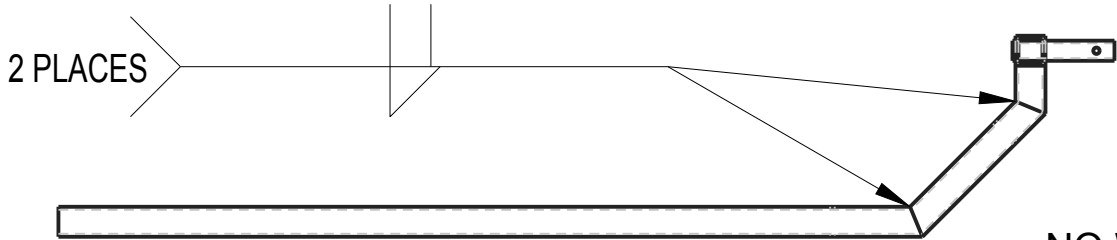
 <small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°</small> DO NOT SCALE	 <small>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREON OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION</small>	DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
	TITLE Brace,Welded Field		SCALE 1:4 SHEET 1 OF1
PROJECT		MODEL NAME GE-16007-02	ISSUE

REV	LOCATION	DESCRIPTION	DATE	INITIAL
A	C-1	1.25"x1.25" WAS 1.5"x1.5"	11/10/2015	DAF
B	SHEET 3	ADDED SHEET 3	12/16/15	DAF

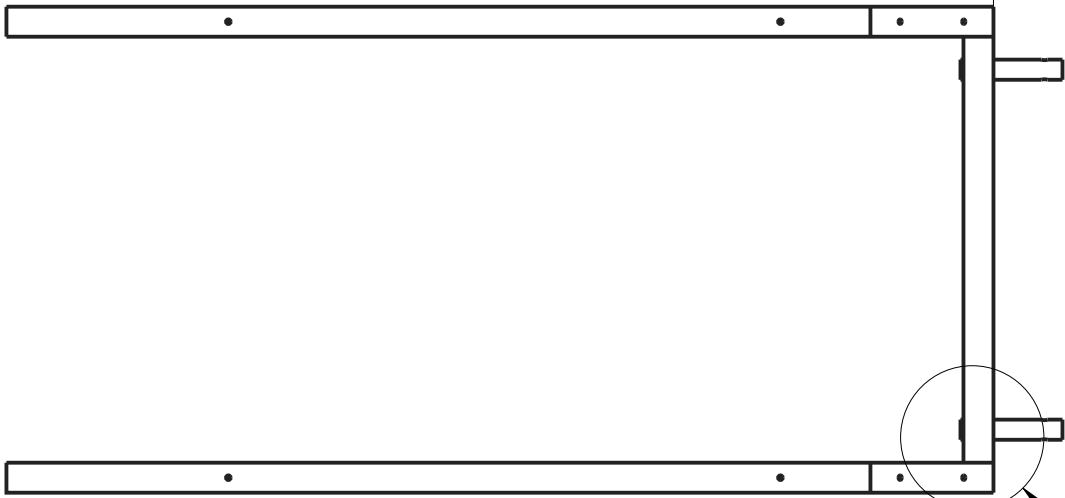


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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:8	SHEET 1 OF 3
<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- .1°</small> DO NOT SCALE	TITLE UPPER FRAME, TOWER	
	PROJECT	MODEL NAME GE-16008 ISSUE

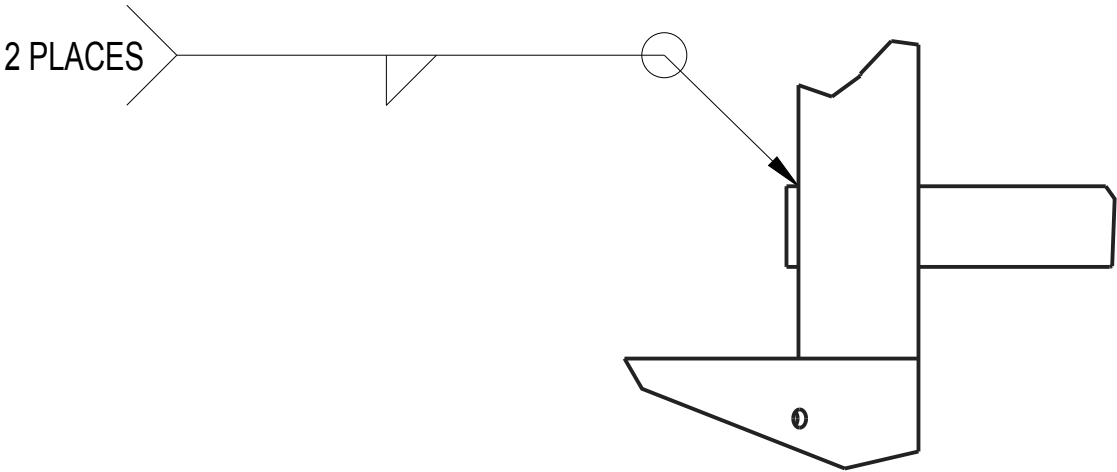
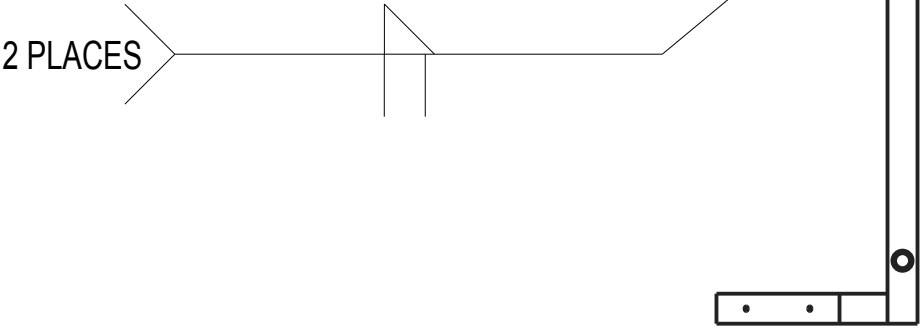
REV	LOCATION	DESCRIPTION	DATE	INITIAL
A	C-3	ADDED "NO WELD PERMISSIBLE THIS SURFACE"	11/10/2015	DAF




NO WELD PERMISSIBLE THIS SURFACE



SEE DETAIL D

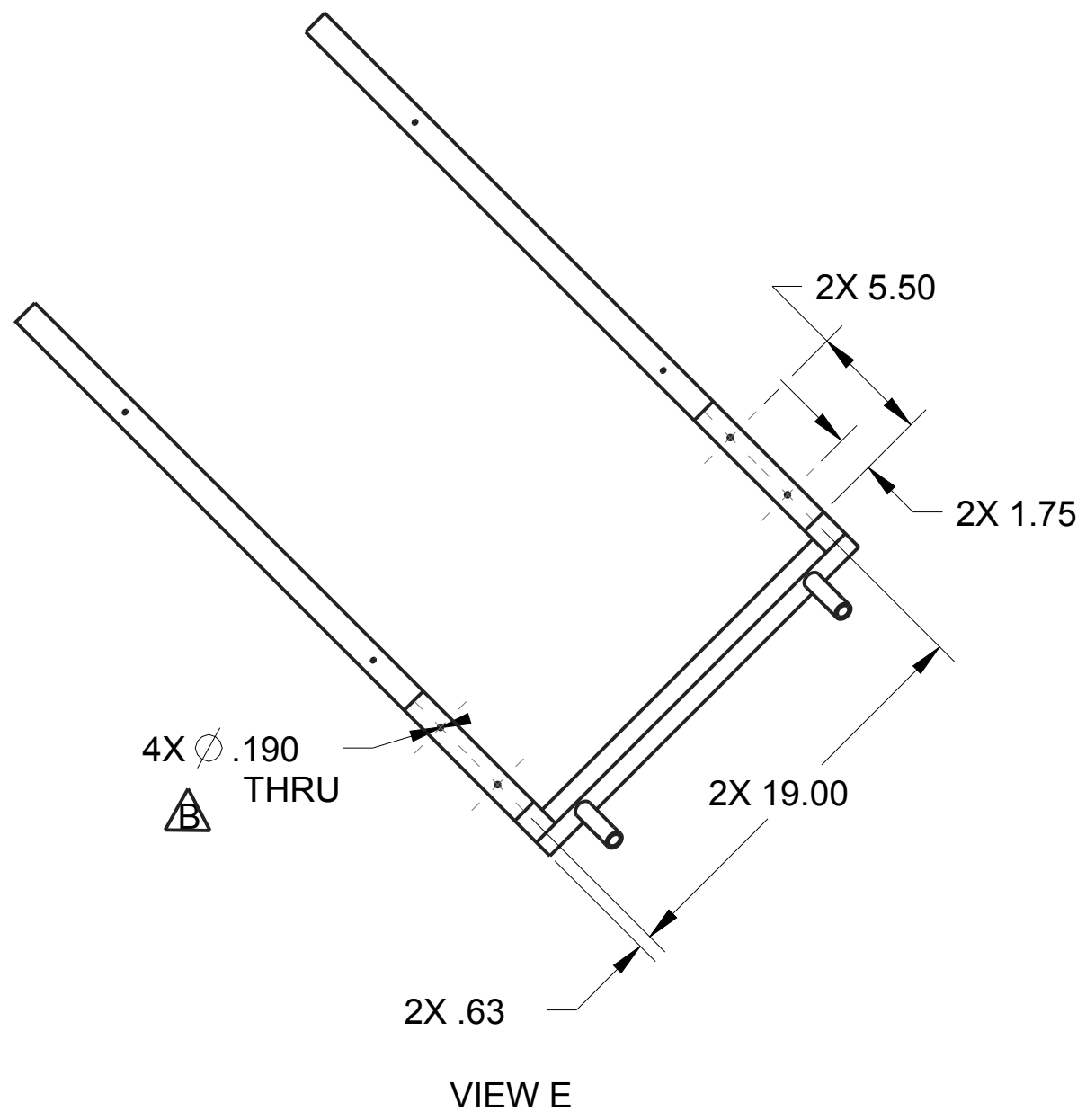
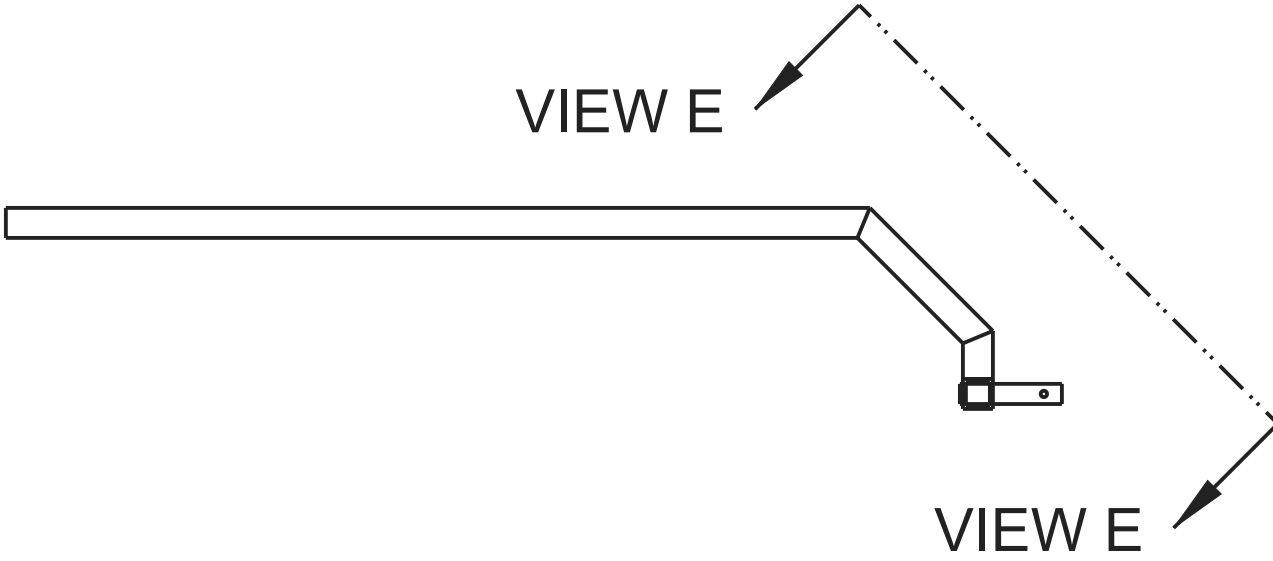
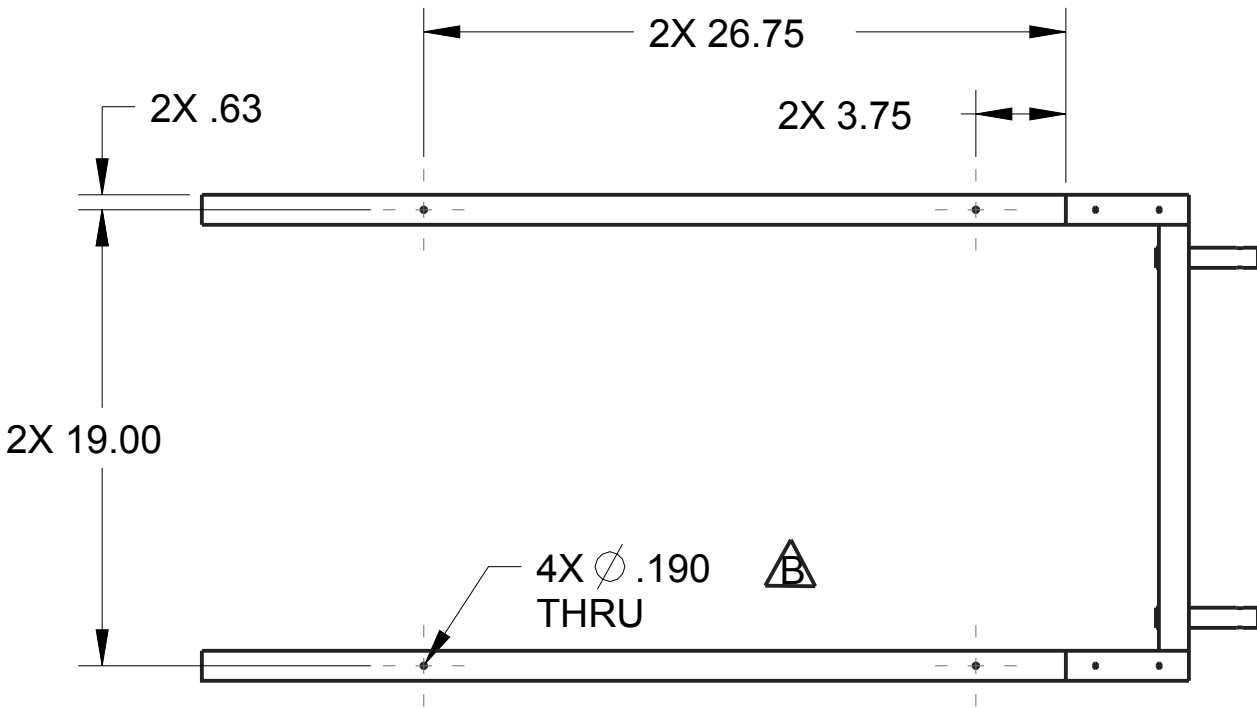



DETAIL D
SCALE 1:2

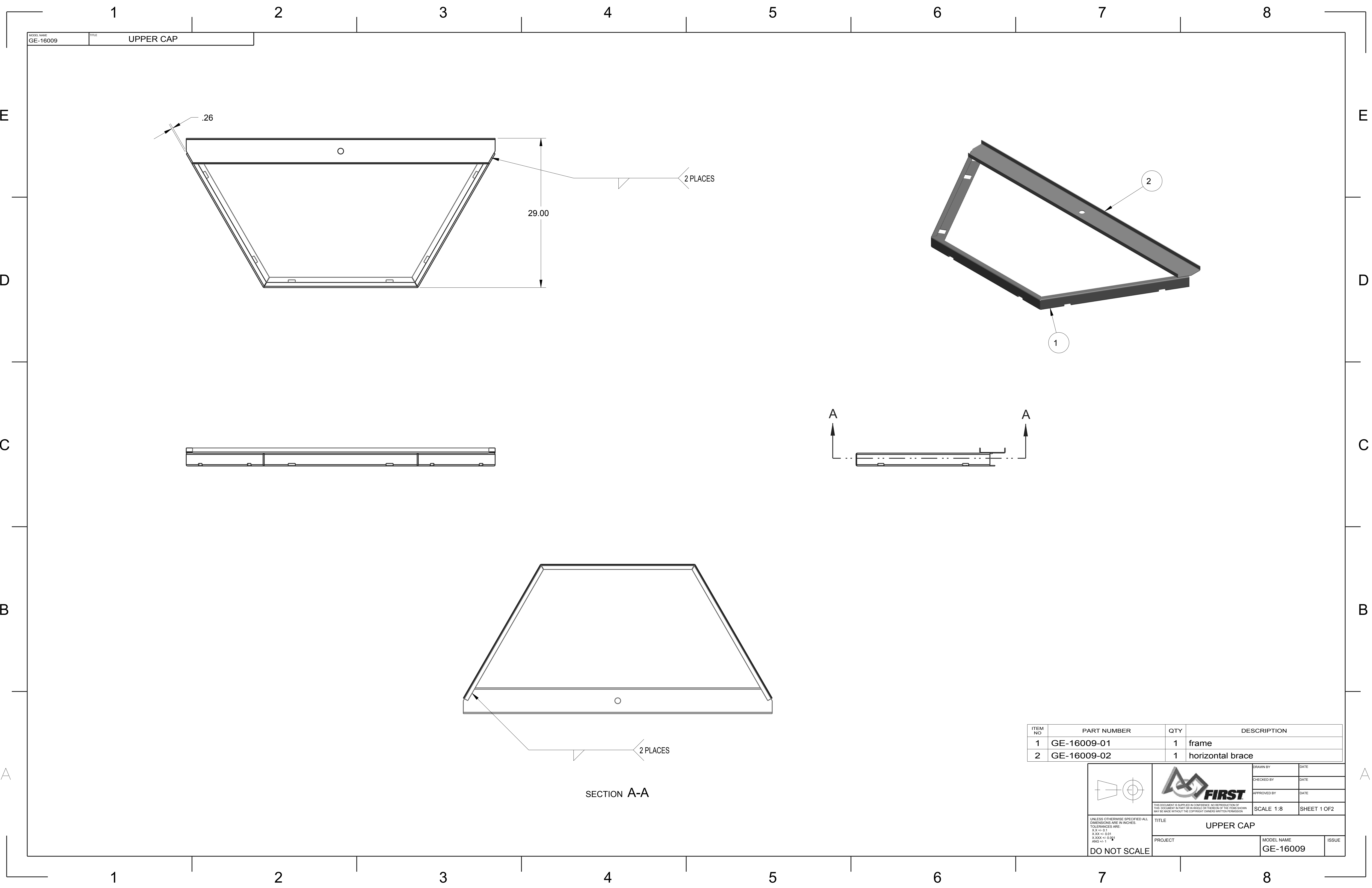
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		SCALE 1:8	SHEET 2 OF3
	TITLE UPPER FRAME, TOWER		
	PROJECT	MODEL NAME GE-16008	ISSUE

MODEL NAME GE-16008	TITLE UPPER FRAME, TOWER
------------------------	-----------------------------


REV	ZONE	DESCRIPTION	INITIAL	DATE
B	B-3, C-2	ADDED .190 HOLE (QTY 8)	DAF	12/16/2015



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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1° DO NOT SCALE	TITLE UPPER FRAME, TOWER		
	PROJECT	MODEL NAME GE-16008	ISSUE



ITEM NO	PART NUMBER	QTY	DESCRIPTION
1	GE-16009-01	1	frame
2	GE-16009-02	1	horizontal brace



FIRST

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TITLE UPPER CAP	
PROJECT	MODEL NAME GE-16009
ISSUE	

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X.XX +/- 0.1
X.XXX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1

DO NOT SCALE

SCALE 1:8

SHEET 1 OF 2

D

C

B

A

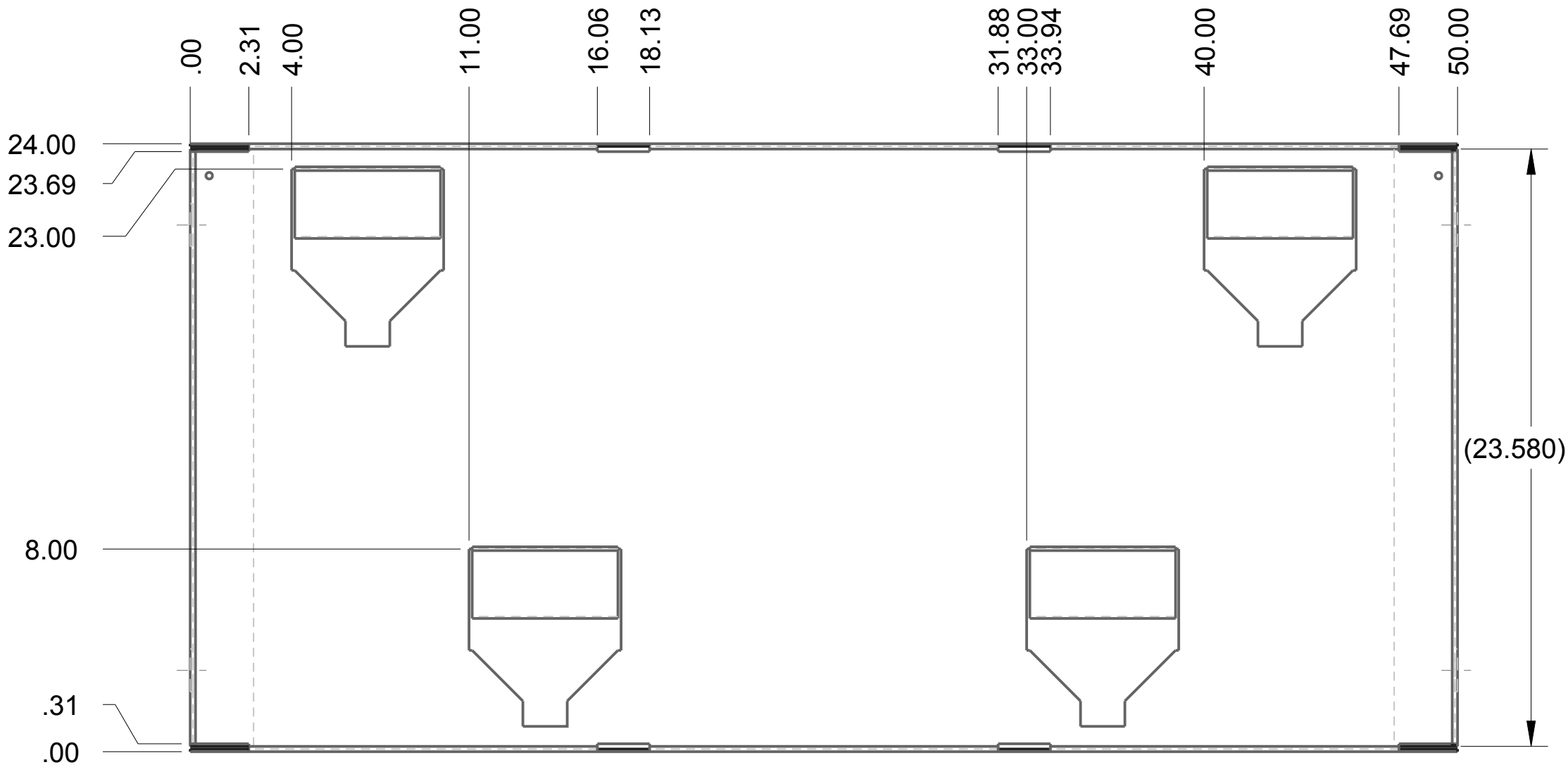
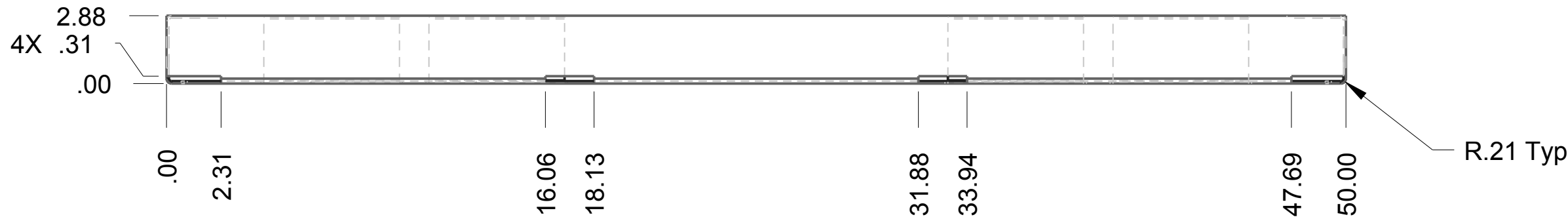
D

C

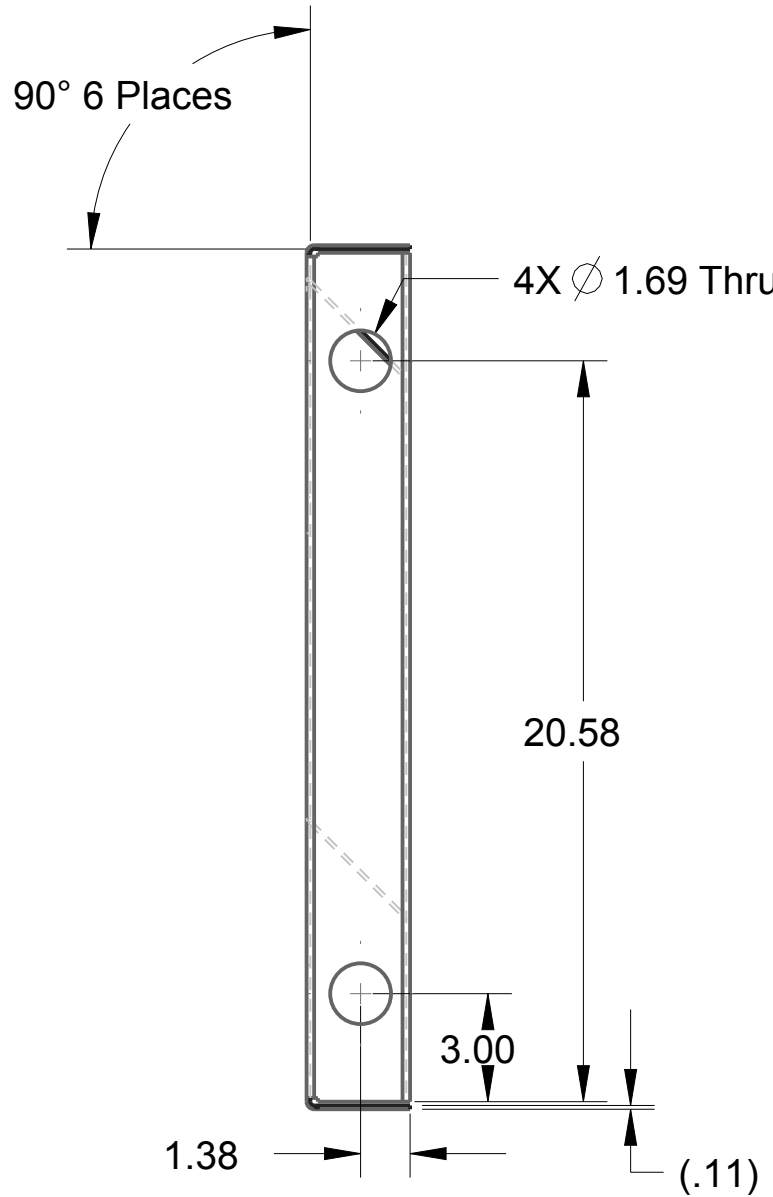
B

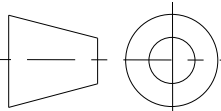

A

MODEL NAME	TITLE
GE-16010	Carrier, Defense



NOTE:
Material: .105" Cold Rolled, Sheet Steel
Please remove all sharp edges and burrs



		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 3:16	SHEET 1 OF 2
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DO NOT SCALE	PROJECT	MODEL NAME GE-16010	ISSUE

D

C

B

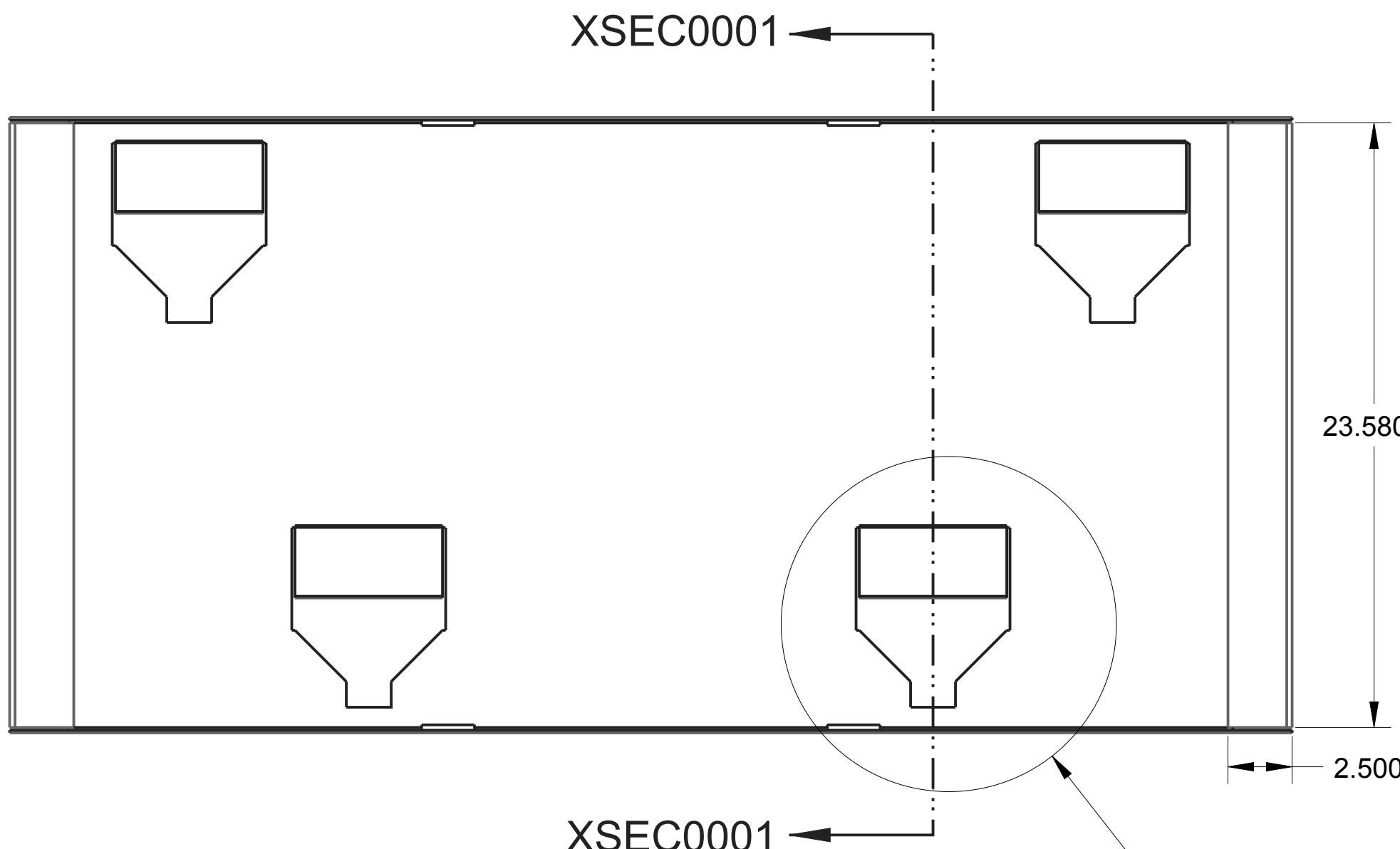
A

D

C

B

A



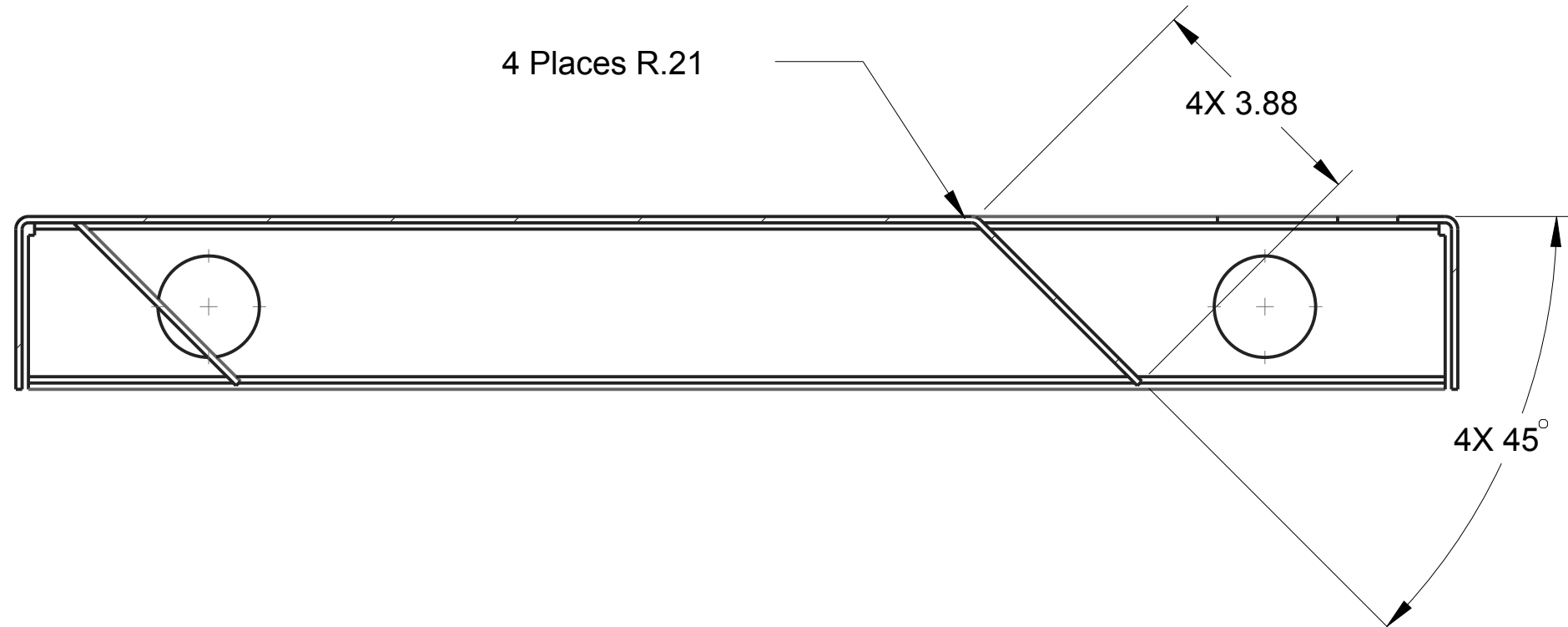
XSEC0001

23.580

2.500

XSEC0001

SEE DETAIL A



4 Places R.21

4X 3.88

4X 45°

SECTION XSEC0001-XSEC0001
SCALE 3:8

.00

2.74

4.00

6.00

7.00

.00

.13

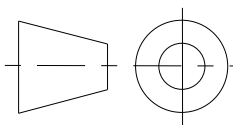

2.13

3.88

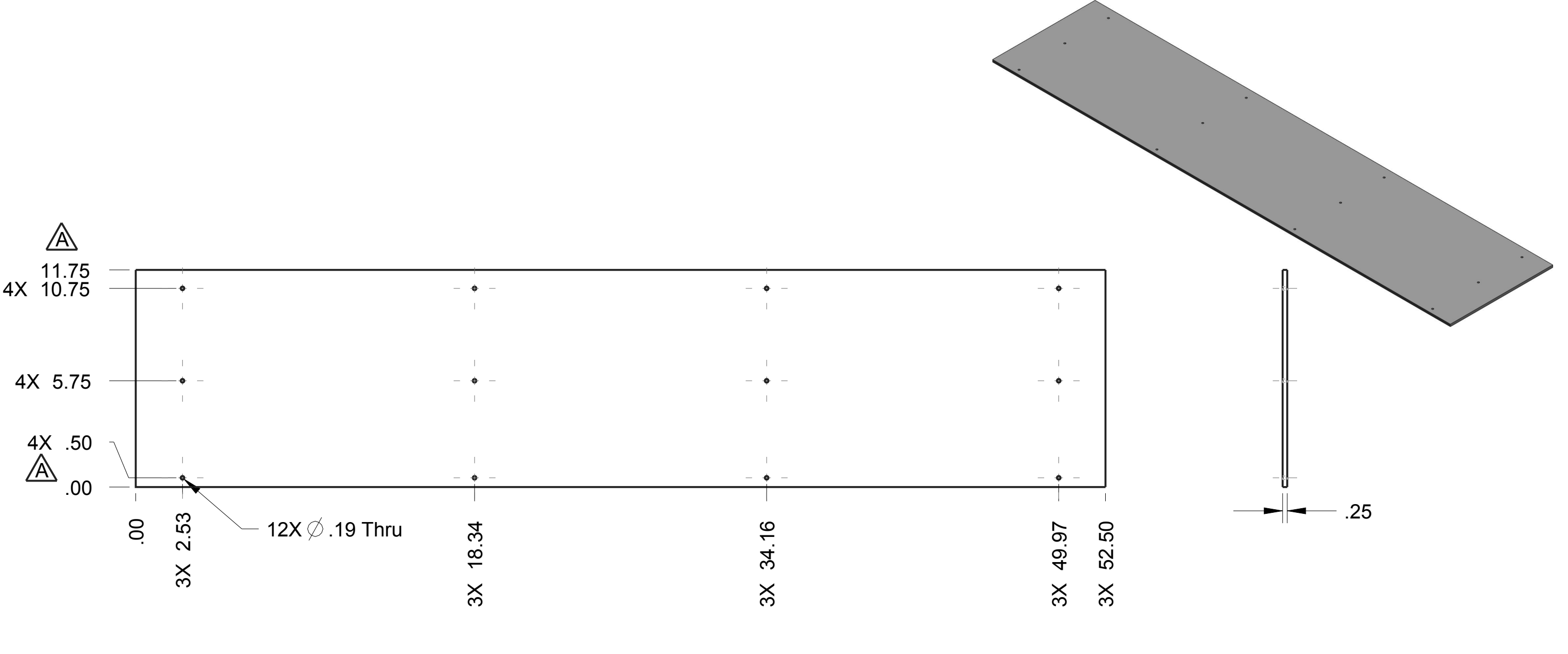
5.88

6.00

DETAIL A
SCALE 1:2

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		SCALE 3:16	SHEET 2 OF 2
<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1</small> DO NOT SCALE	TITLE Carrier, Defense		
	PROJECT	MODEL NAME GE-16010	ISSUE

REV	ZONE	DESCRIPTION	INITIALS	DATE
A	B-1, C-1	.50 WAS .75, 11.75 WAS 12.00	DAF	12/16/15



NOTE

Material: 1/4" CLEAR POLYCARBONATE, SANDED ONE SIDE

Scale: 3:16

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

DO NOT SCALE

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TITLE

DEFENSE RAMP

PROJECT

MODEL NAME

GE-16011

ISSUE

DRAWN BY

CHECKED BY

APPROVED BY

DATE

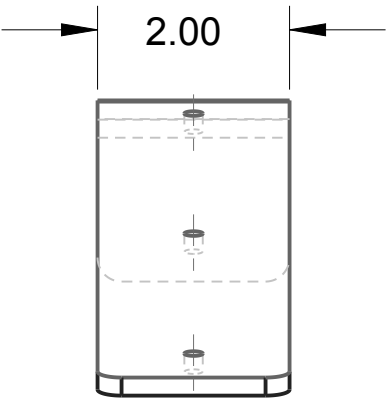
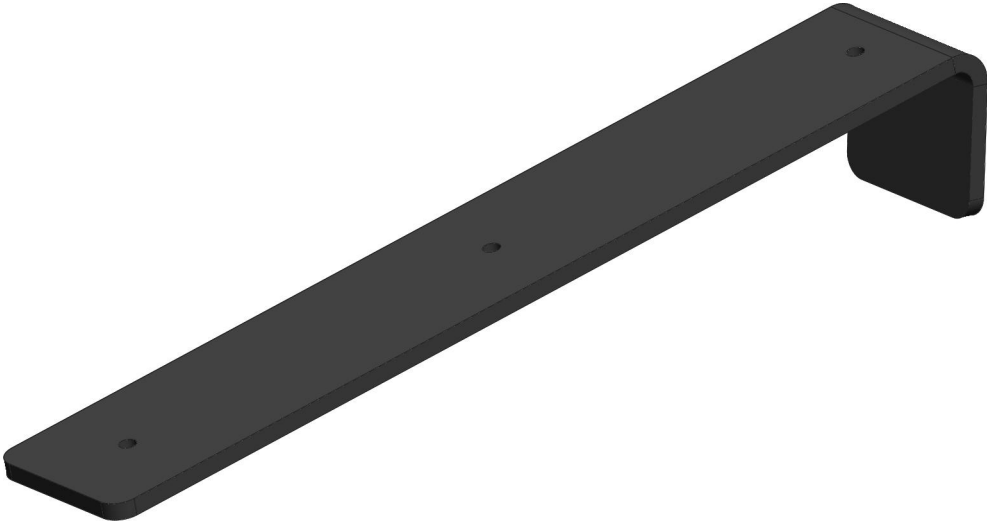
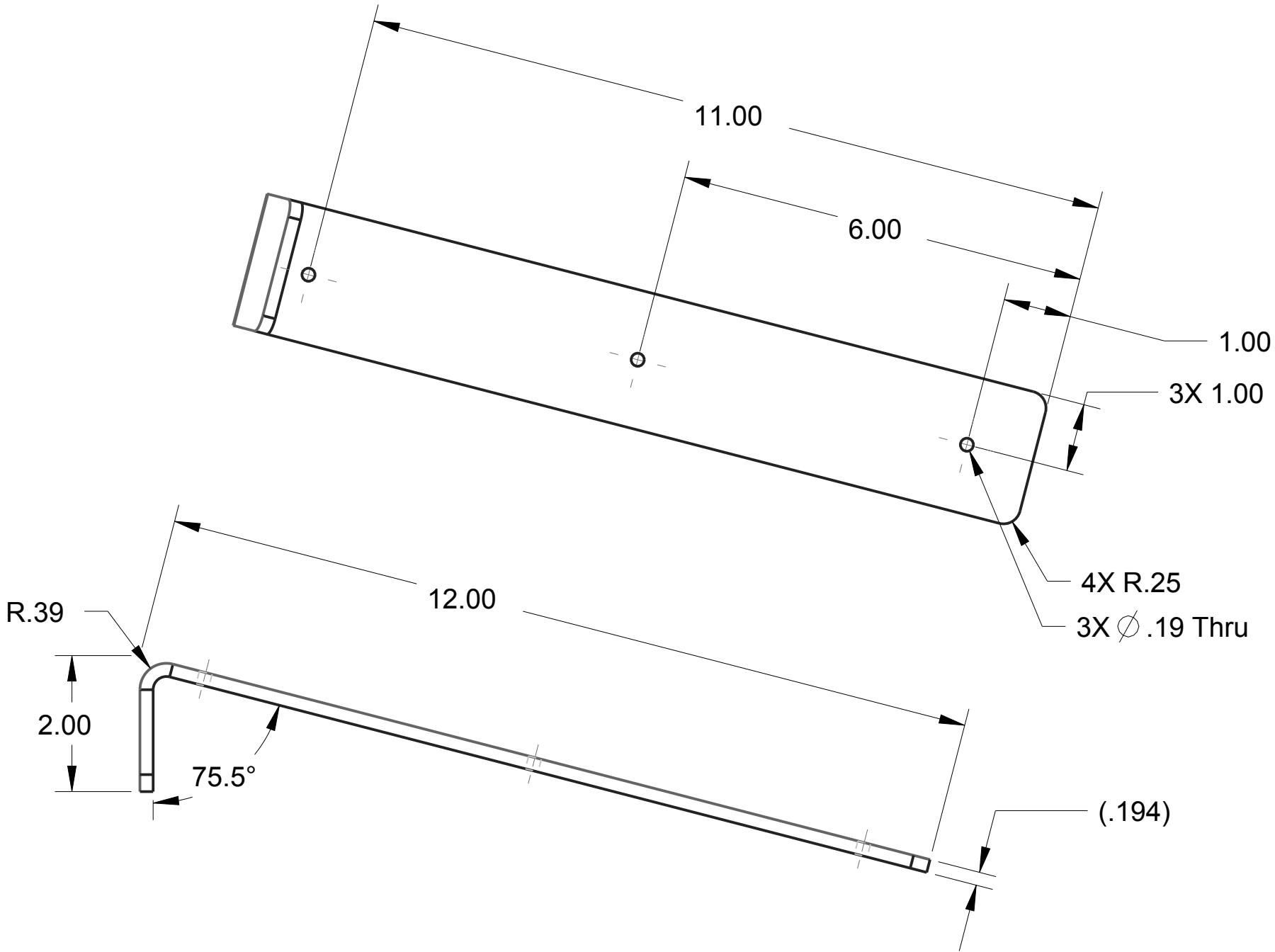
DATE

DATE

SCALE 3:16

SHEET 1 OF 1

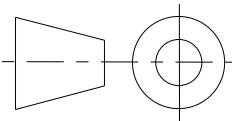

ASME STANDARD.INC



NOTE

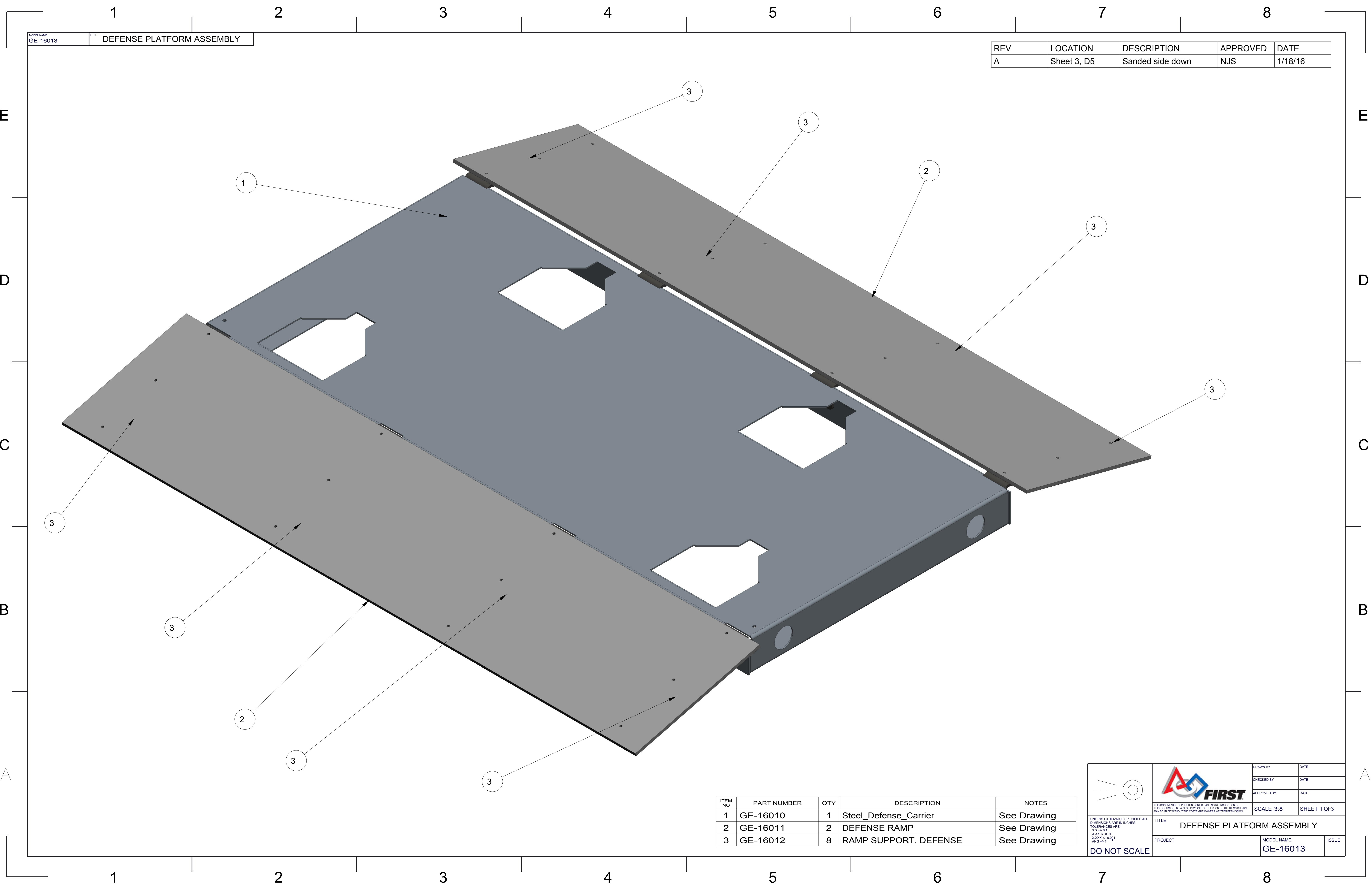
Material: 6 Gauge Steel Sheet, .194 Thick
Scale: 1:2

Remove all burrs and sharp edges

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		APPROVED BY	DATE
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°	TITLE RAMP SUPPORT		
	PROJECT	MODEL NAME GE-16012	ISSUE
DO NOT SCALE			

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

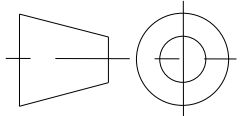
DO NOT SCALE




MODEL NAME GE-16013	TITLE DEFENSE PLATFORM ASSEMBLY
------------------------	------------------------------------

REV	LOCATION	DESCRIPTION	APPROVED	DATE
A	Sheet 3, D5	Sanded side down	NJS	1/18/16

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16010	1	Steel_Defense_Carrier	See Drawing
2	GE-16011	2	DEFENSE RAMP	See Drawing
3	GE-16012	8	RAMP SUPPORT, DEFENSE	See Drawing



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.
XXX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1
DO NOT SCALE

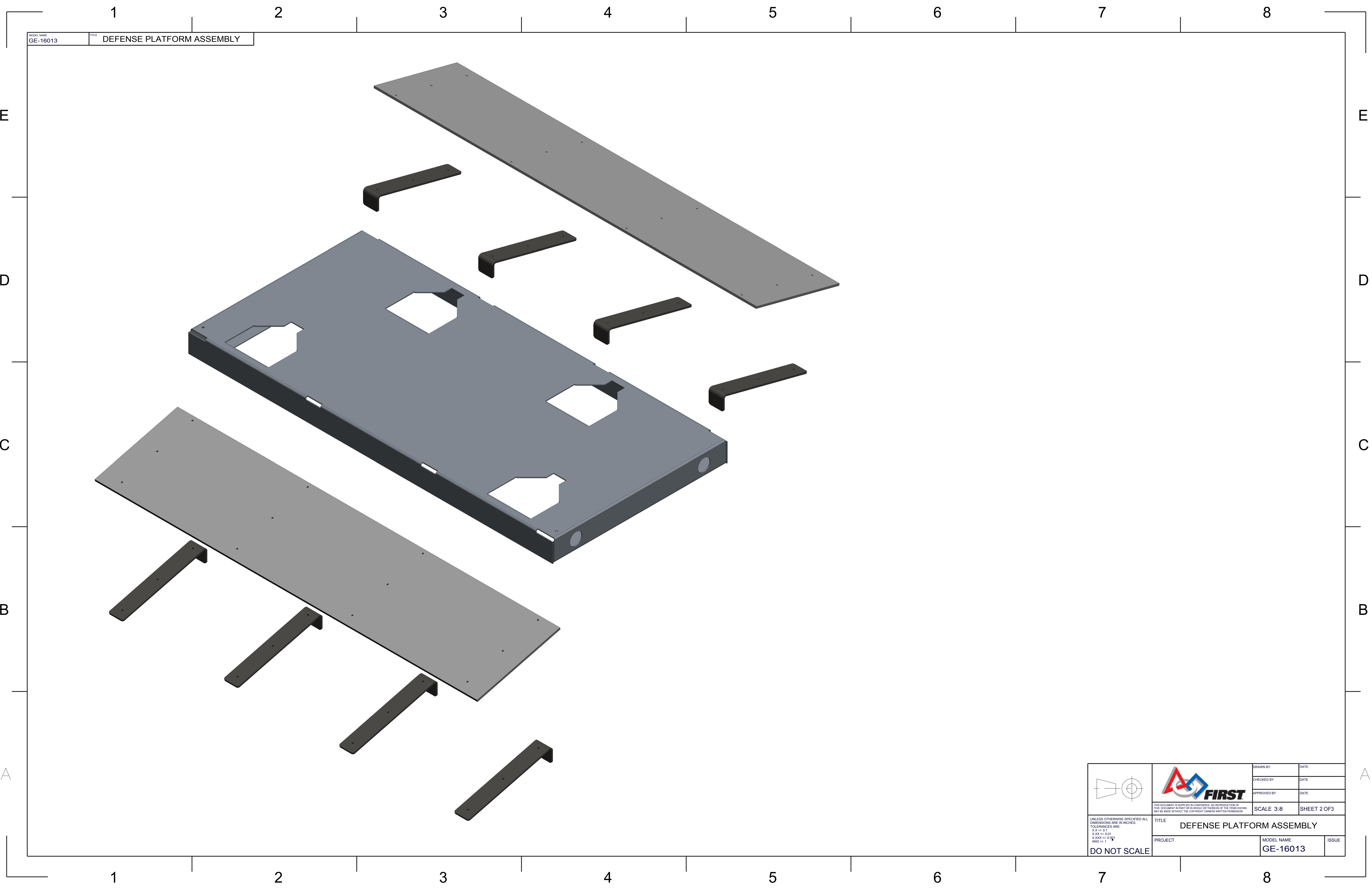


TITLE
DEFENSE PLATFORM ASSEMBLY

PROJECT
MODEL NAME
GE-16013

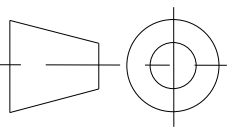

ISSUE

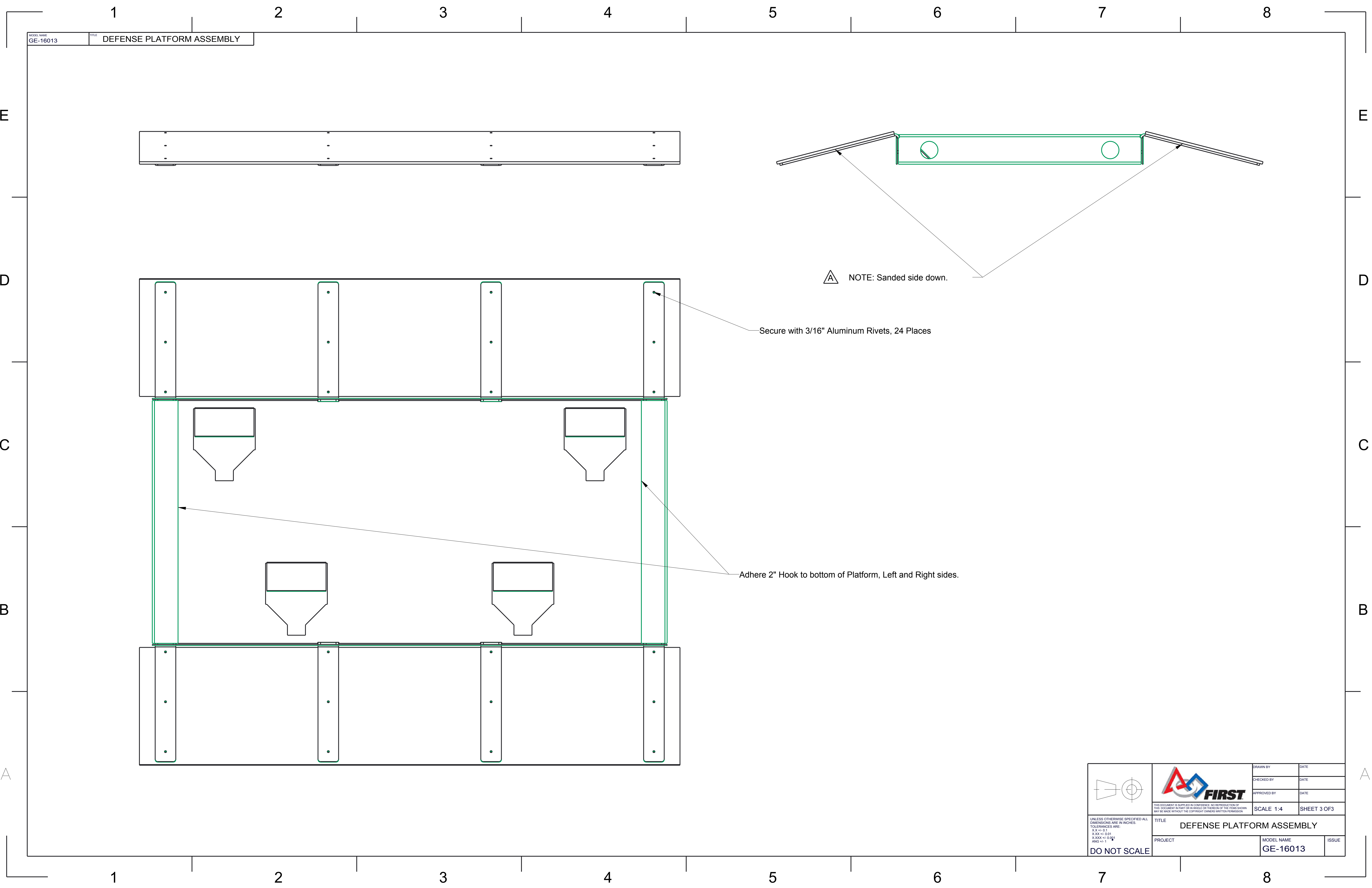
DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 3:8	SHEET 1 OF 3



MODEL NAME
GE-16013

TITLE
DEFENSE PLATFORM ASSEMBLY

		DRAWN BY	DATE		
		CHECKED BY	DATE		
		APPROVED BY	DATE		
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. XXX +/- 0.1 X.XXX +/- 0.01 ANG +/- 1		SCALE 3:8		SHEET 2 OF 3	
TITLE DEFENSE PLATFORM ASSEMBLY		PROJECT		MODEL NAME GE-16013	ISSUE
DO NOT SCALE					

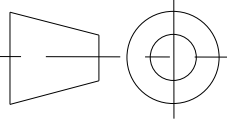



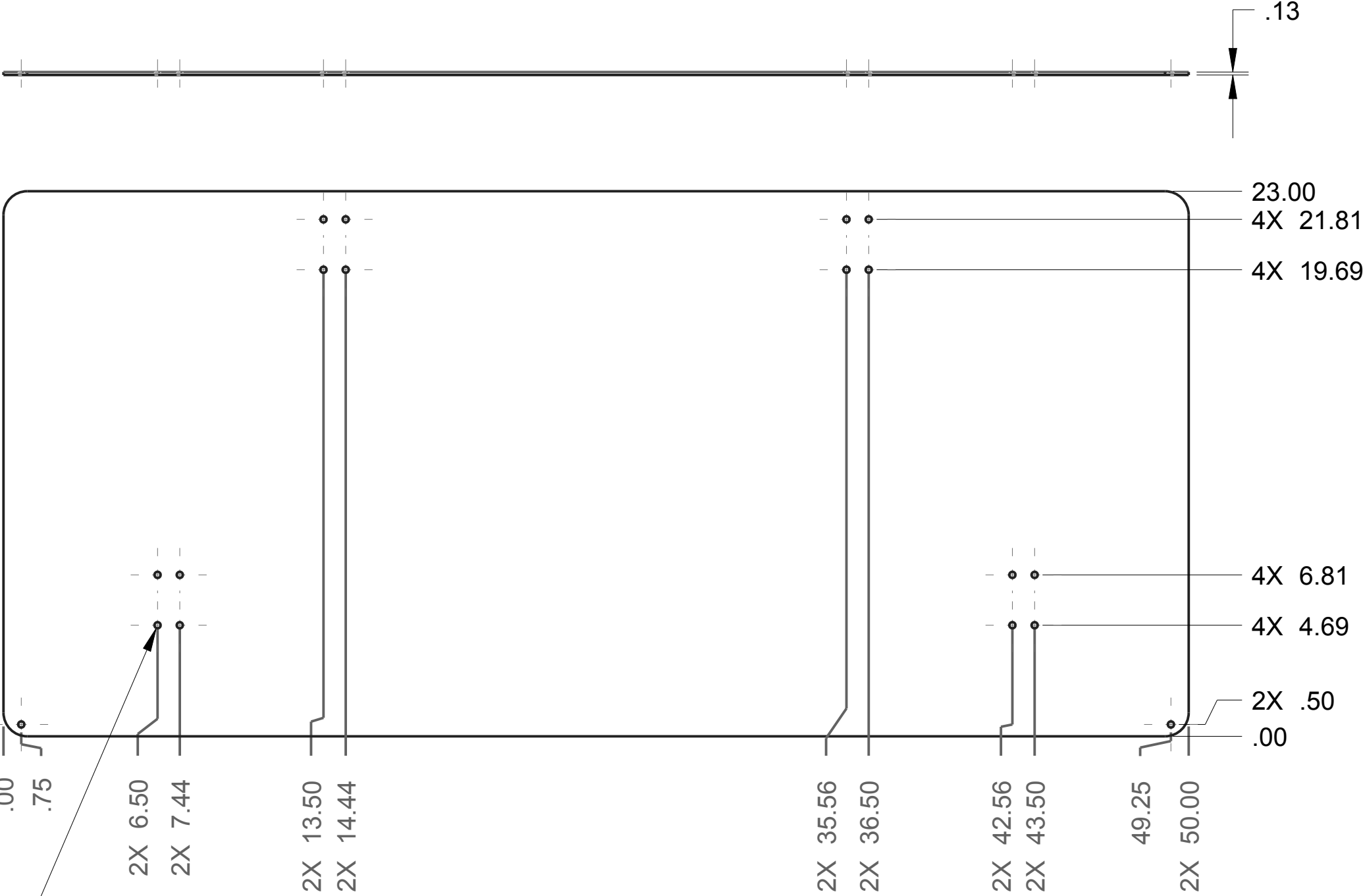
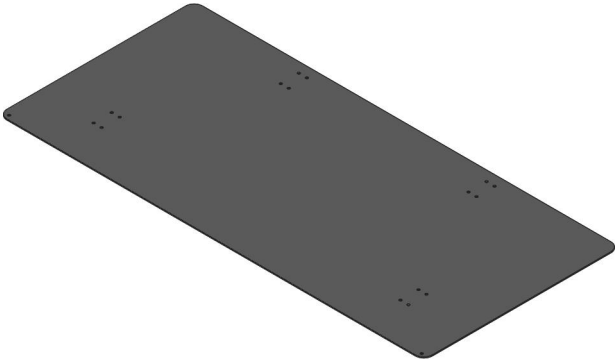
MODEL NAME: GE-16013
TITLE: DEFENSE PLATFORM ASSEMBLY

NOTE: Sanded side down.

Secure with 3/16" Aluminum Rivets, 24 Places

Adhere 2" Hook to bottom of Platform, Left and Right sides.

 <small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. XXX +/- 0.01 X,XXX +/- 0.001 ANG +/- 1</small> DO NOT SCALE	 <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
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		APPROVED BY	DATE
		TITLE DEFENSE PLATFORM ASSEMBLY	
PROJECT		MODEL NAME GE-16013	ISSUE

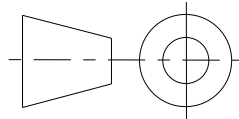



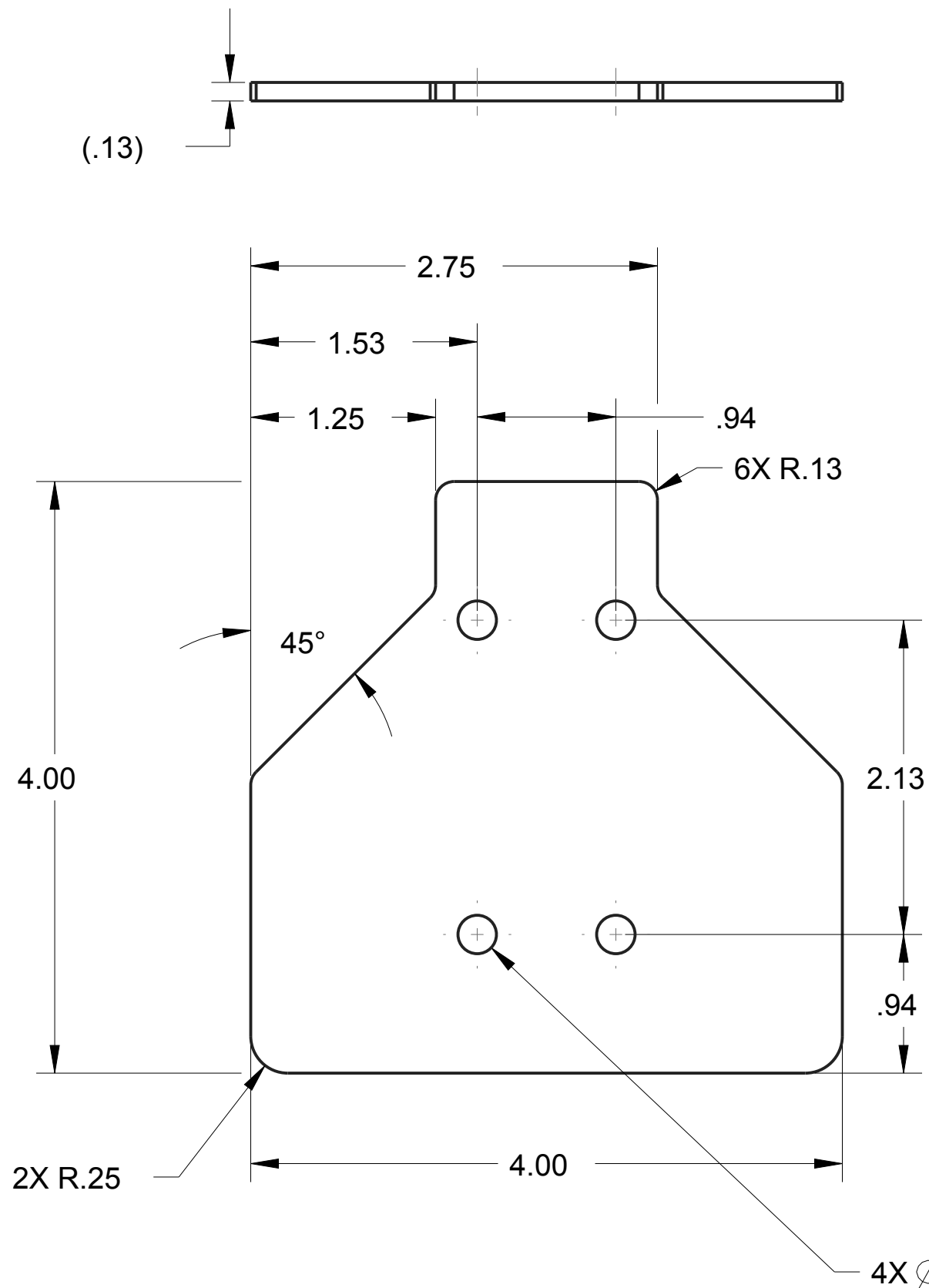
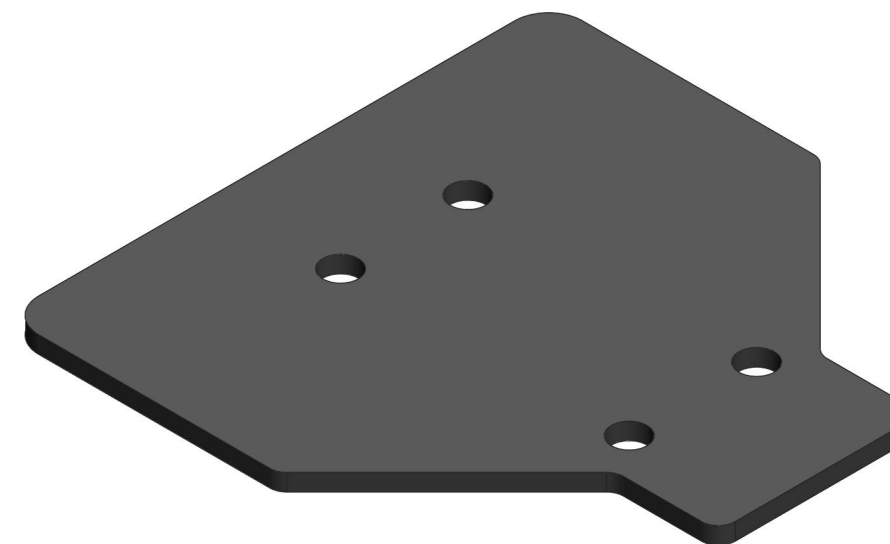
Ø .26 Thru 18 Places

NOTE

Material: Steel Sheet, .125" Thick
Scale: 3:16
Qty: 1

Remove all burrs and sharp edges

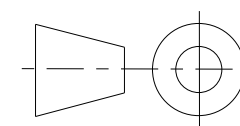
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°	TITLE D BASE		
	PROJECT	MODEL NAME GE-16016	ISSUE
	DO NOT SCALE		



NOTE

Material: .125" thick steel sheet
Scale: 1:1

Remove all sharp edges and burrs



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

DO NOT SCALE



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	TITLE
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BASE KEEP

PROJECT

DRAWN BY

CHECKED BY

APPROVED BY

SCALE 1:1

DATE

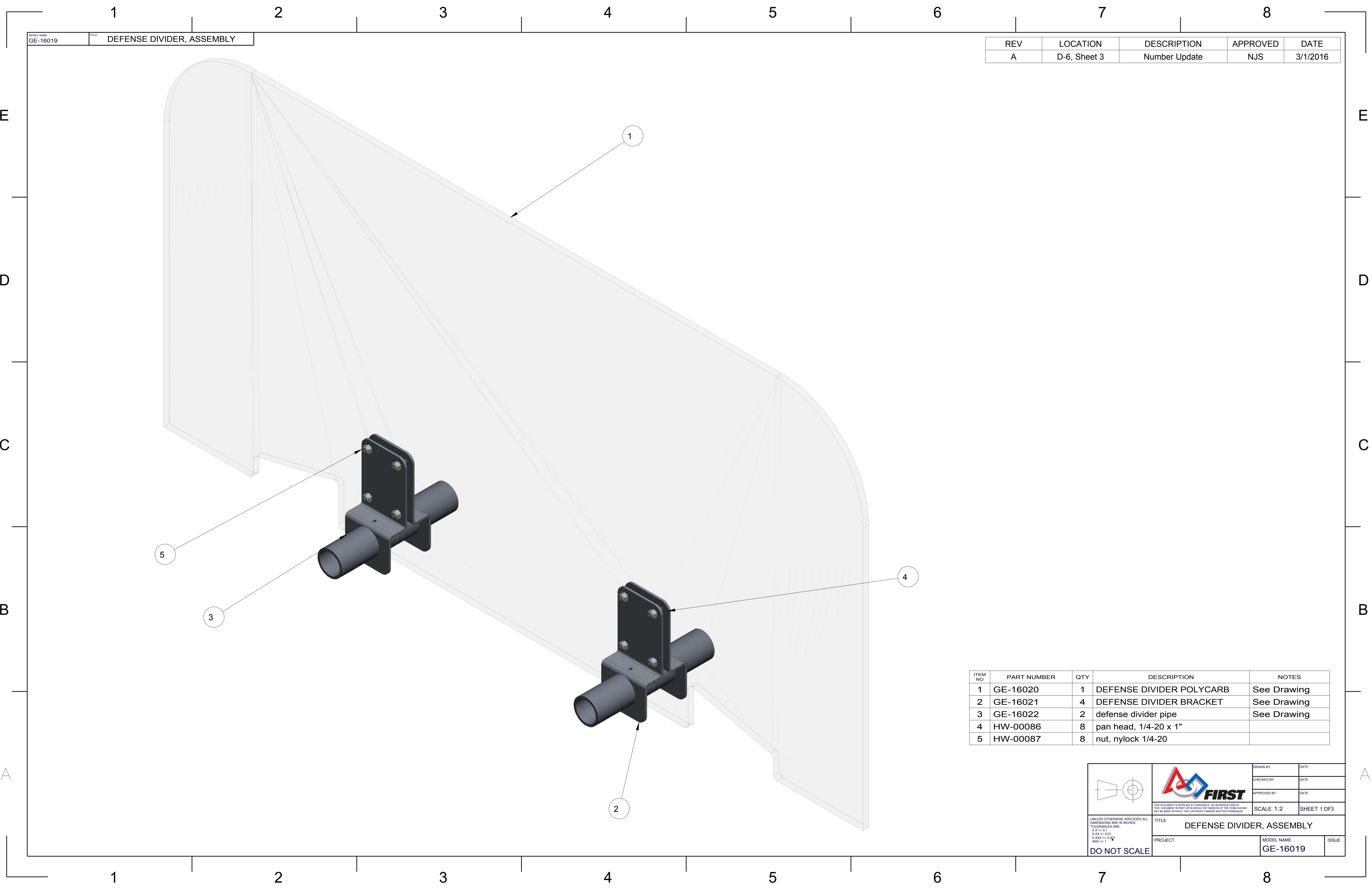
	DATE
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DATE

SHEET 1 OF 1

MODEL NAME	GE-16017
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ISSUE



MODEL NAME
GE-16019

TITLE
DEFENSE DIVIDER, ASSEMBLY

REV	LOCATION	DESCRIPTION	APPROVED	DATE
A	D-6, Sheet 3	Number Update	NJS	3/1/2016

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16020	1	DEFENSE DIVIDER POLYCARB	See Drawing
2	GE-16021	4	DEFENSE DIVIDER BRACKET	See Drawing
3	GE-16022	2	defense divider pipe	See Drawing
4	HW-00086	8	pan head, 1/4-20 x 1"	
5	HW-00087	8	nut, nylock 1/4-20	

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

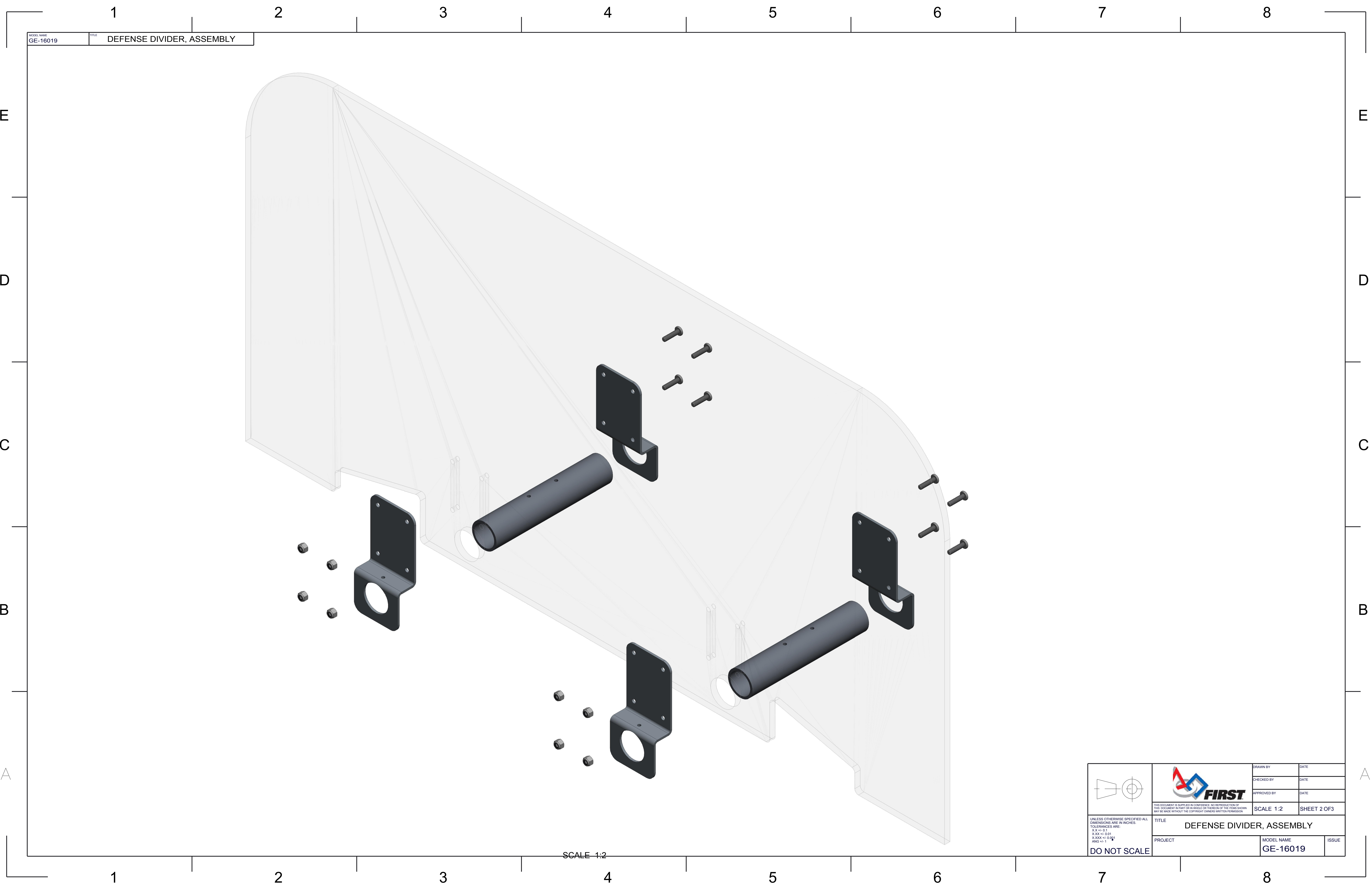
DO NOT SCALE

DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE

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TITLE DEFENSE DIVIDER, ASSEMBLY	
PROJECT	MODEL NAME GE-16019
ISSUE	



SCALE 1:2	SHEET 1 OF 3
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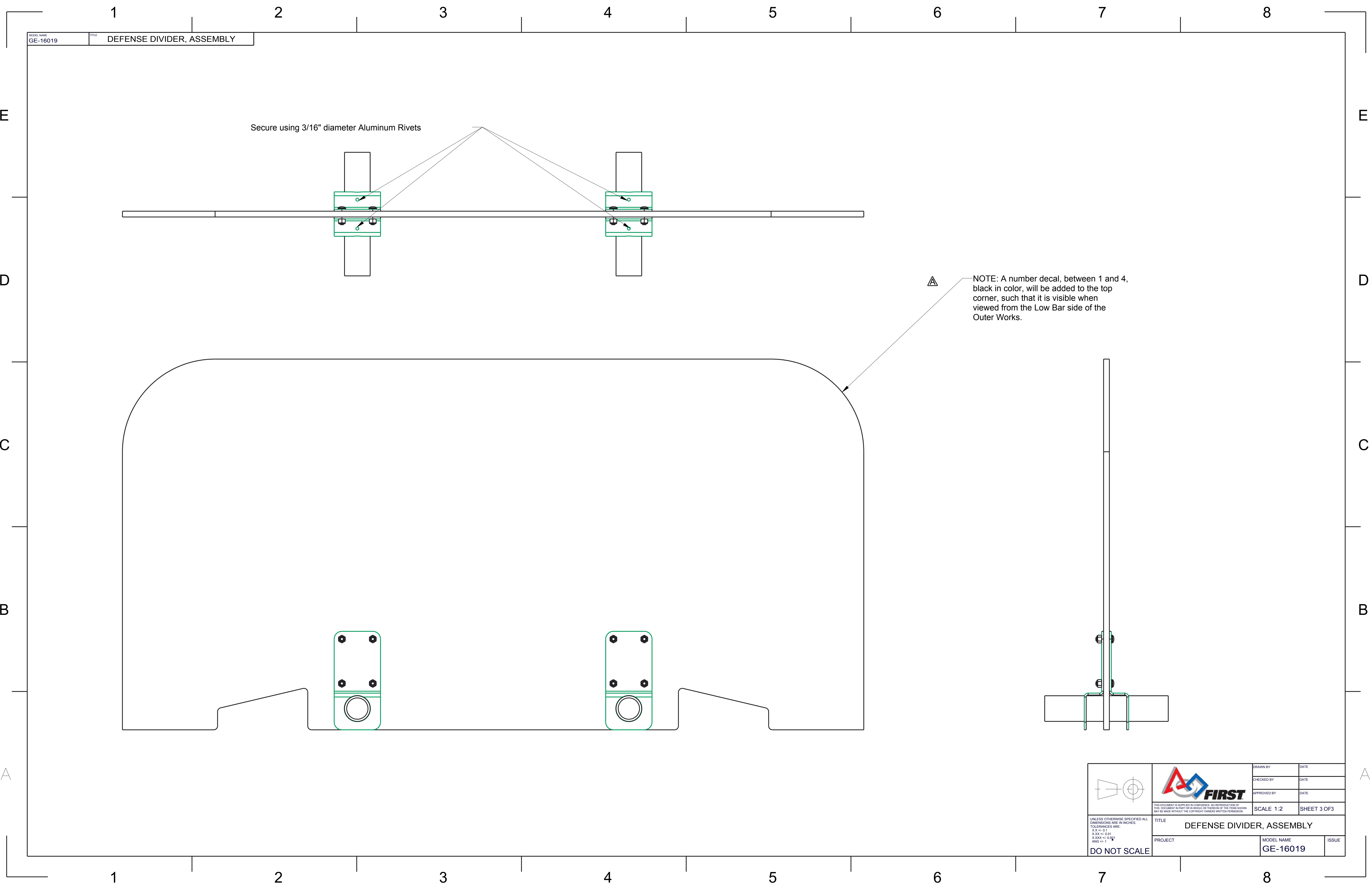


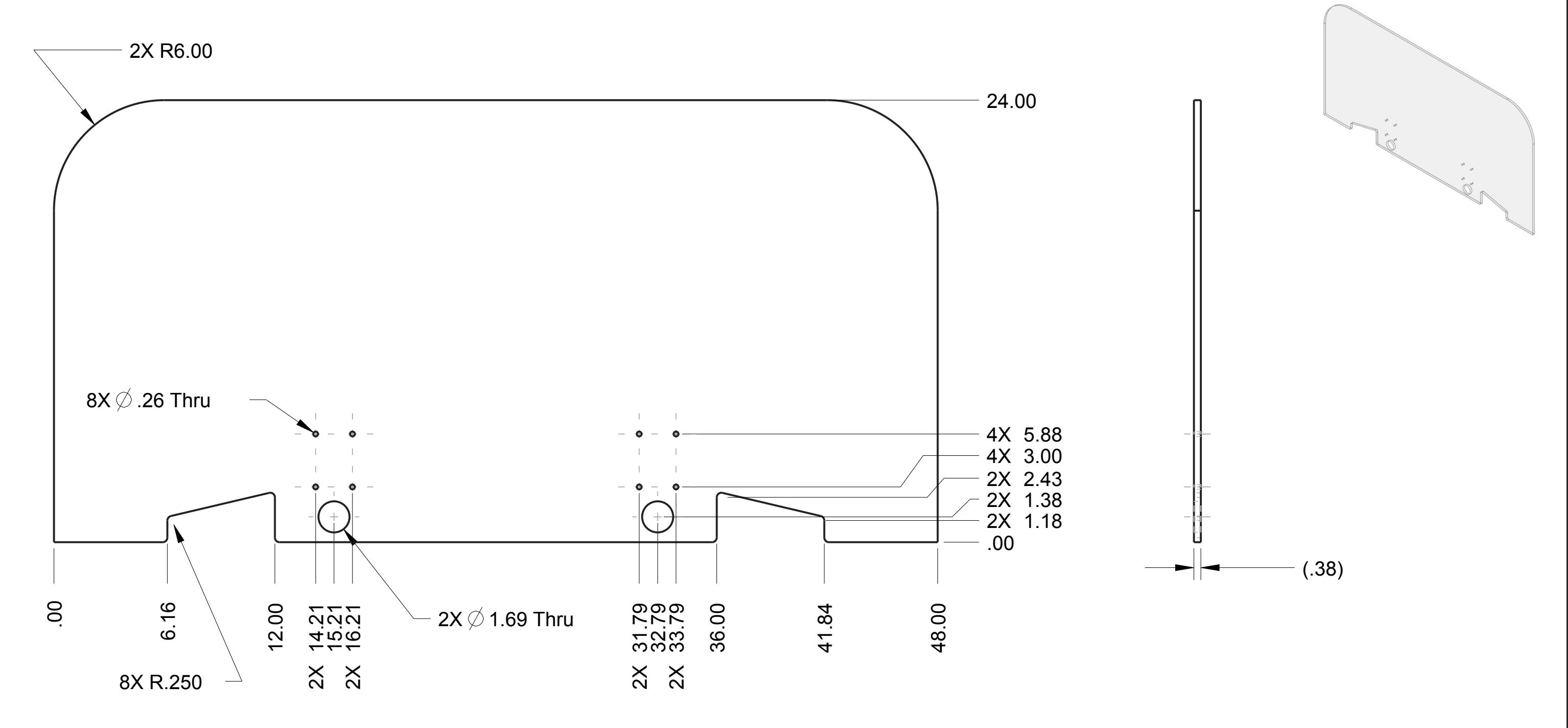
MODEL NAME
GE-16019

TITLE
DEFENSE DIVIDER, ASSEMBLY

SCALE 1:2


 <div>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X < .1 X .XXX +0.001 ANG +/- 1 DO NOT SCALE</div>	 <div>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.</div>	DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:2	
TITLE DEFENSE DIVIDER, ASSEMBLY			
PROJECT	MODEL NAME GE-16019		ISSUE





NOTE

Material: Clear Polycarbonate, .375" Thick
Scale: 3:16

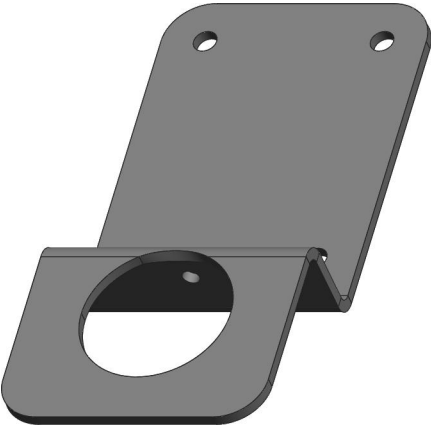
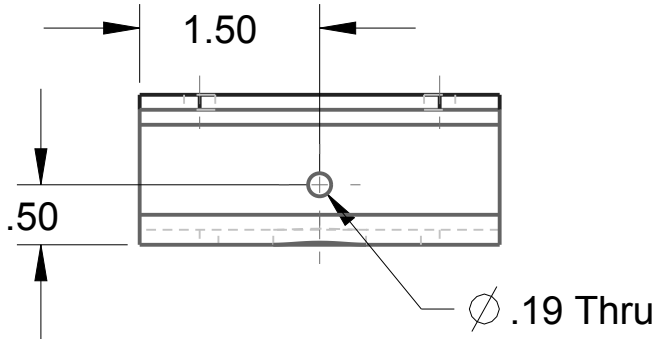


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SCALE 3:16	
SHEET 1 OF 1	

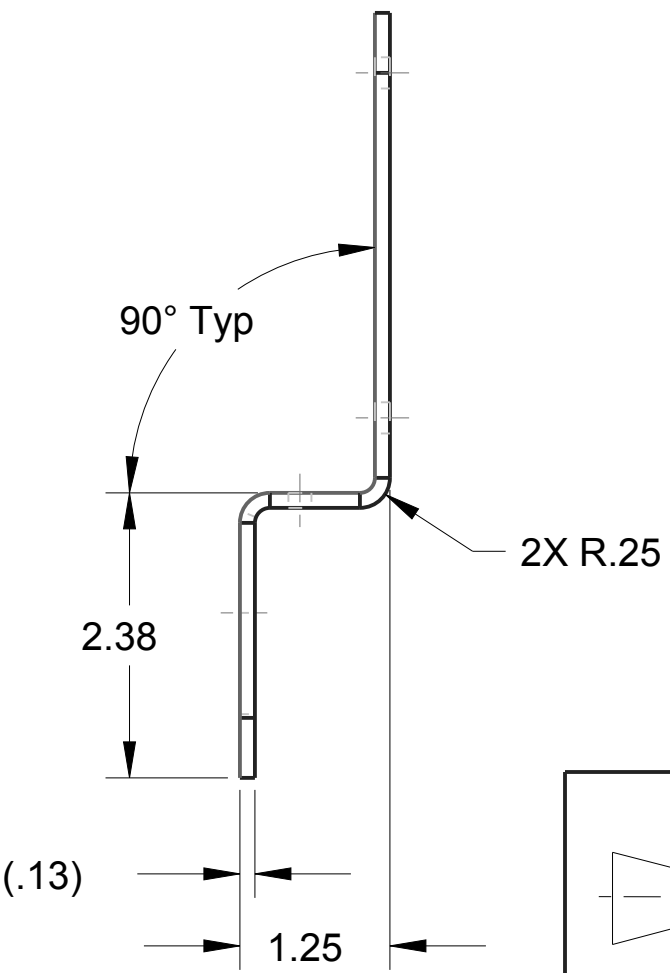
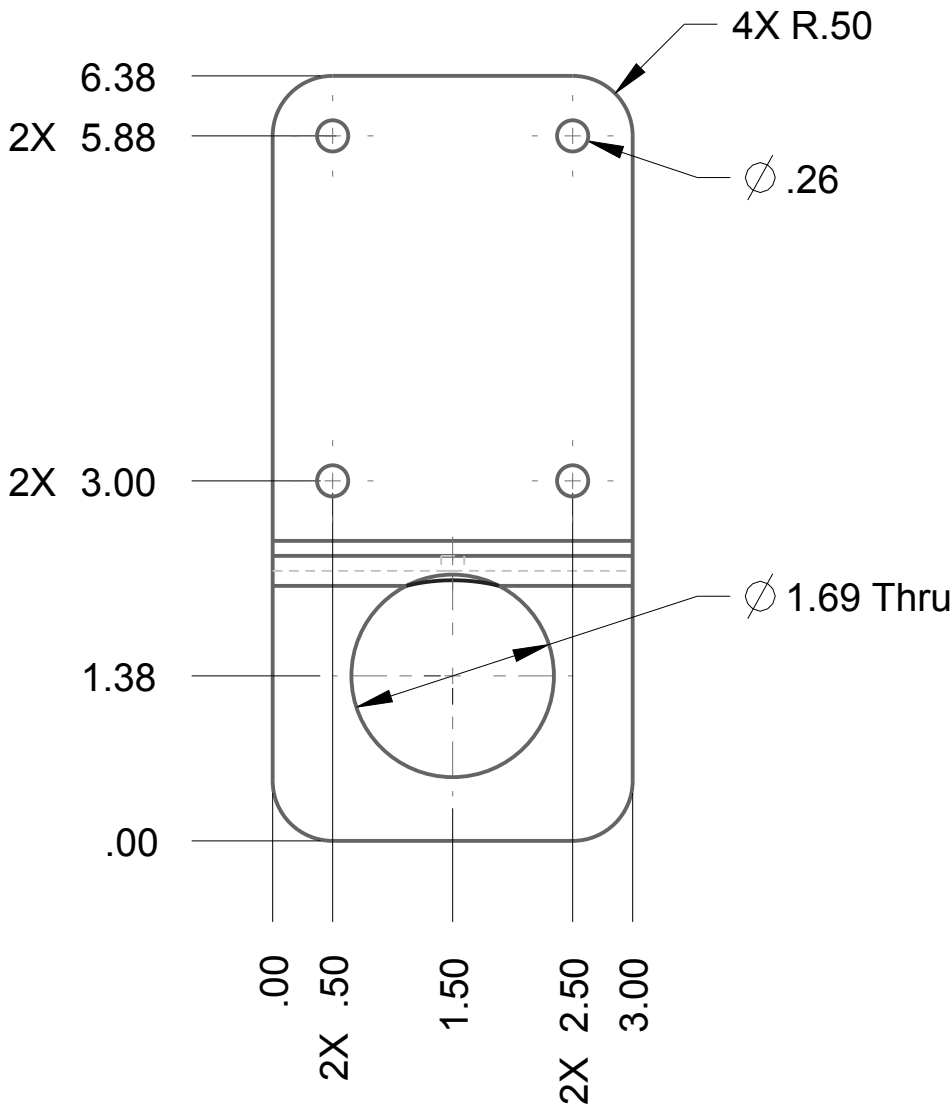
TITLE DIVIDER	
PROJECT	MODEL NAME GE-16020
ISSUE	

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X.X +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

DO NOT SCALE




SCALE 1:2

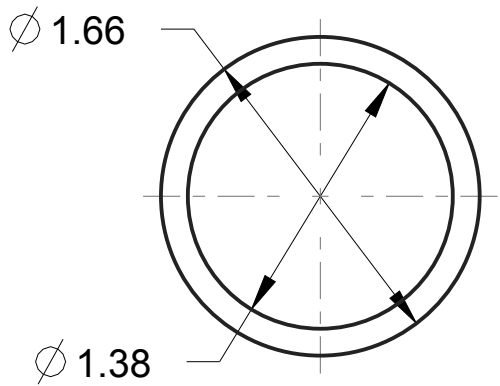
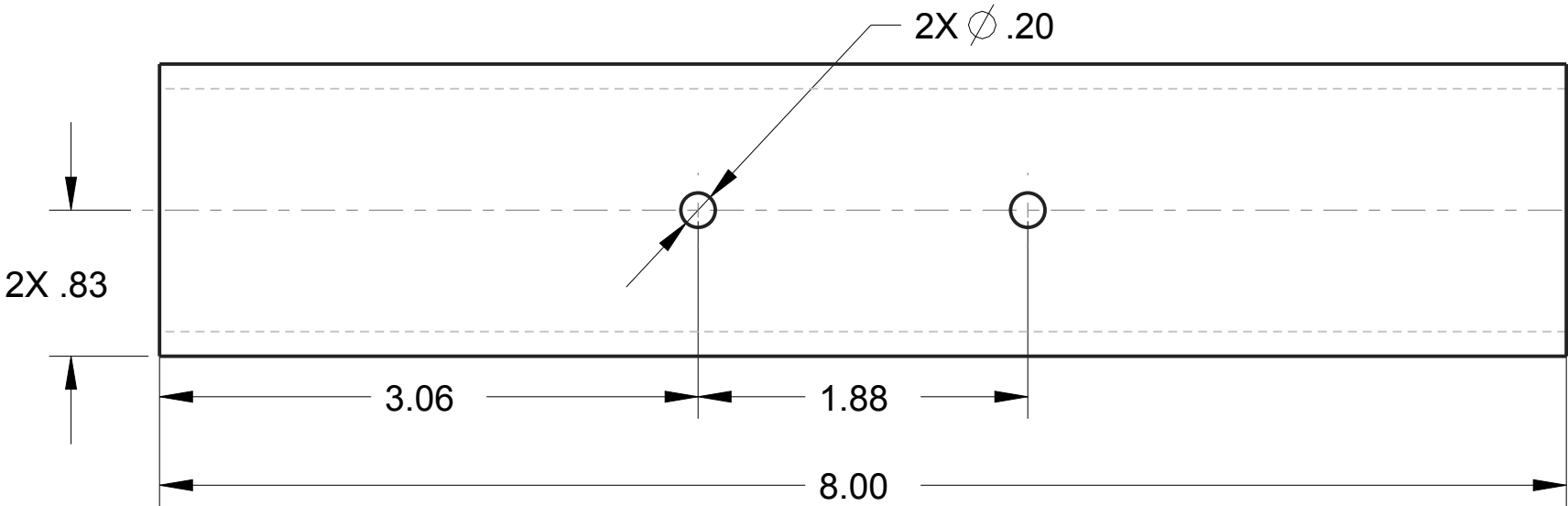


NOTE

Material: Steel Sheet, .125 Thick
Scale: 5:8

Remove all burrs and sharp edges


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	PROJECT	MODEL NAME GE-16021
	ISSUE	



NOTE

Material: 1.25" Schedule 40 Pipe, 6061 Aluminum

Scale: 1:1



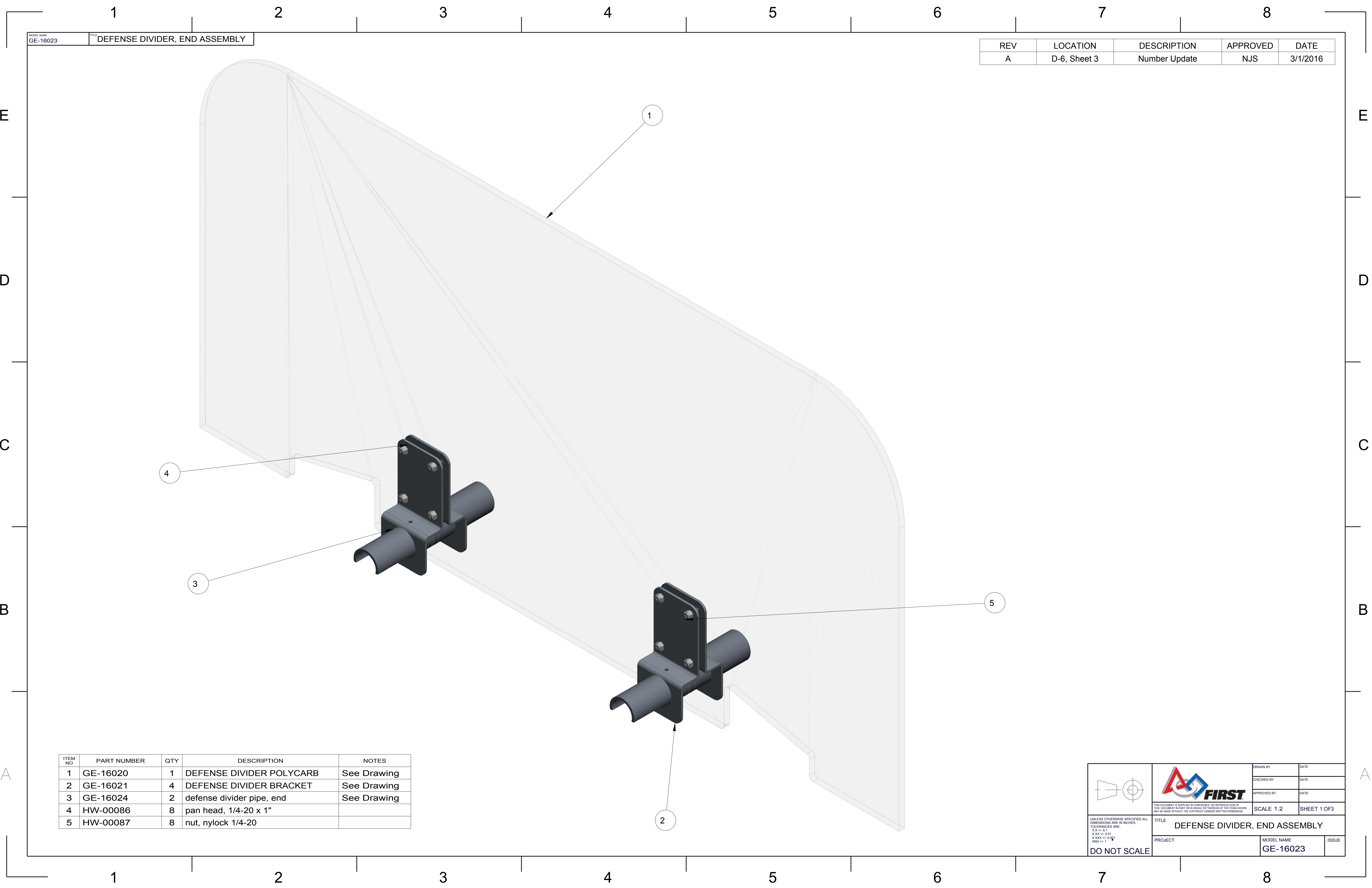
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CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:1	SHEET 1 OF 1

TITLE DIVIDER PIPE	
PROJECT	MODEL NAME GE-16022
ISSUE	

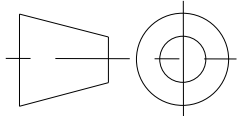
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
X.X +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

DO NOT SCALE




REV	LOCATION	DESCRIPTION	APPROVED	DATE
A	D-6, Sheet 3	Number Update	NJS	3/1/2016

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16020	1	DEFENSE DIVIDER POLYCARB	See Drawing
2	GE-16021	4	DEFENSE DIVIDER BRACKET	See Drawing
3	GE-16024	2	defense divider pipe, end	See Drawing
4	HW-00086	8	pan head, 1/4-20 x 1"	
5	HW-00087	8	nut, nylock 1/4-20	



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

DO NOT SCALE

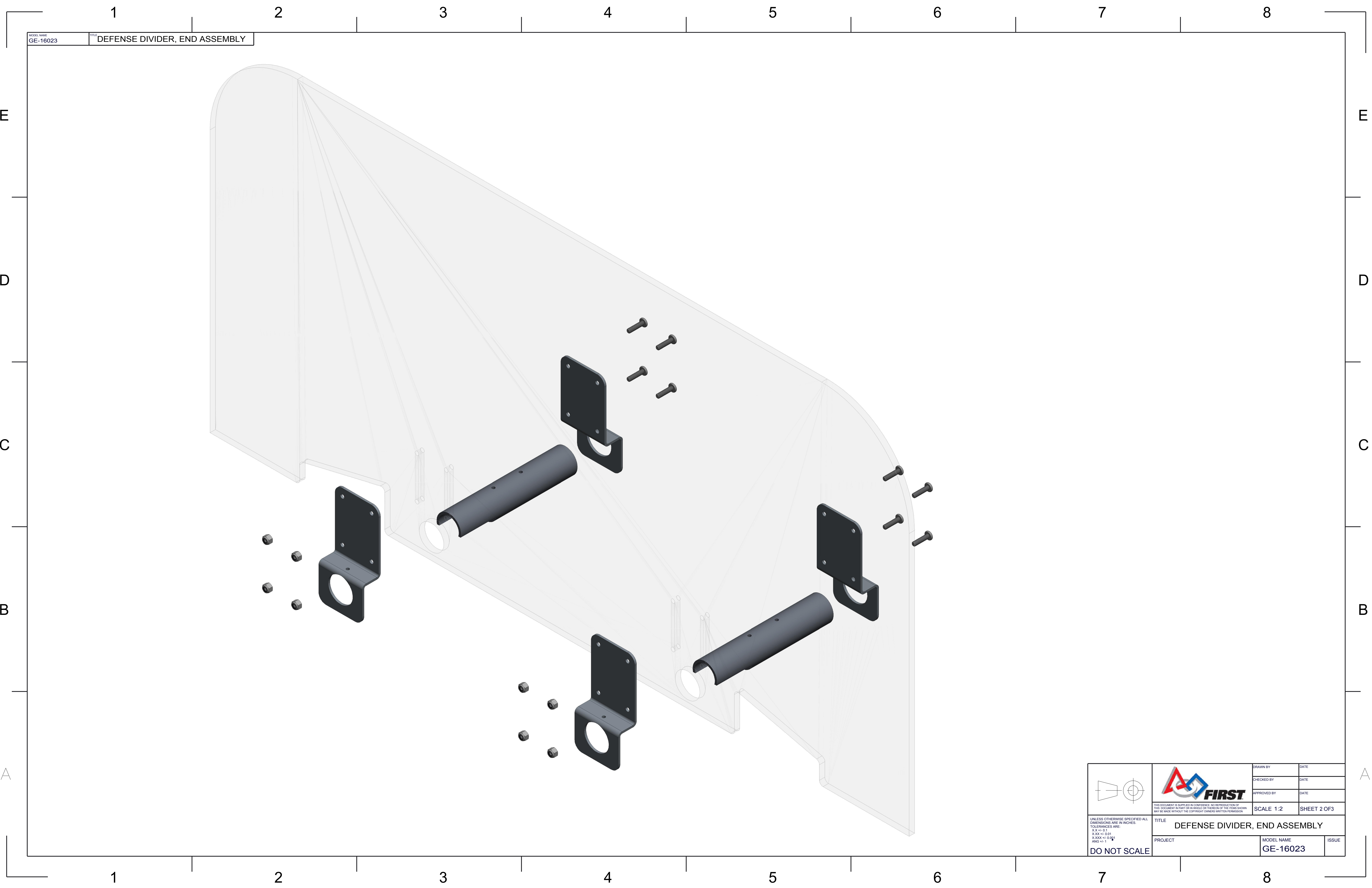


TITLE
DEFENSE DIVIDER, END ASSEMBLY

PROJECT

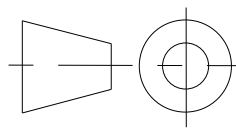

DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:2	
SHEET 1 OF 3	

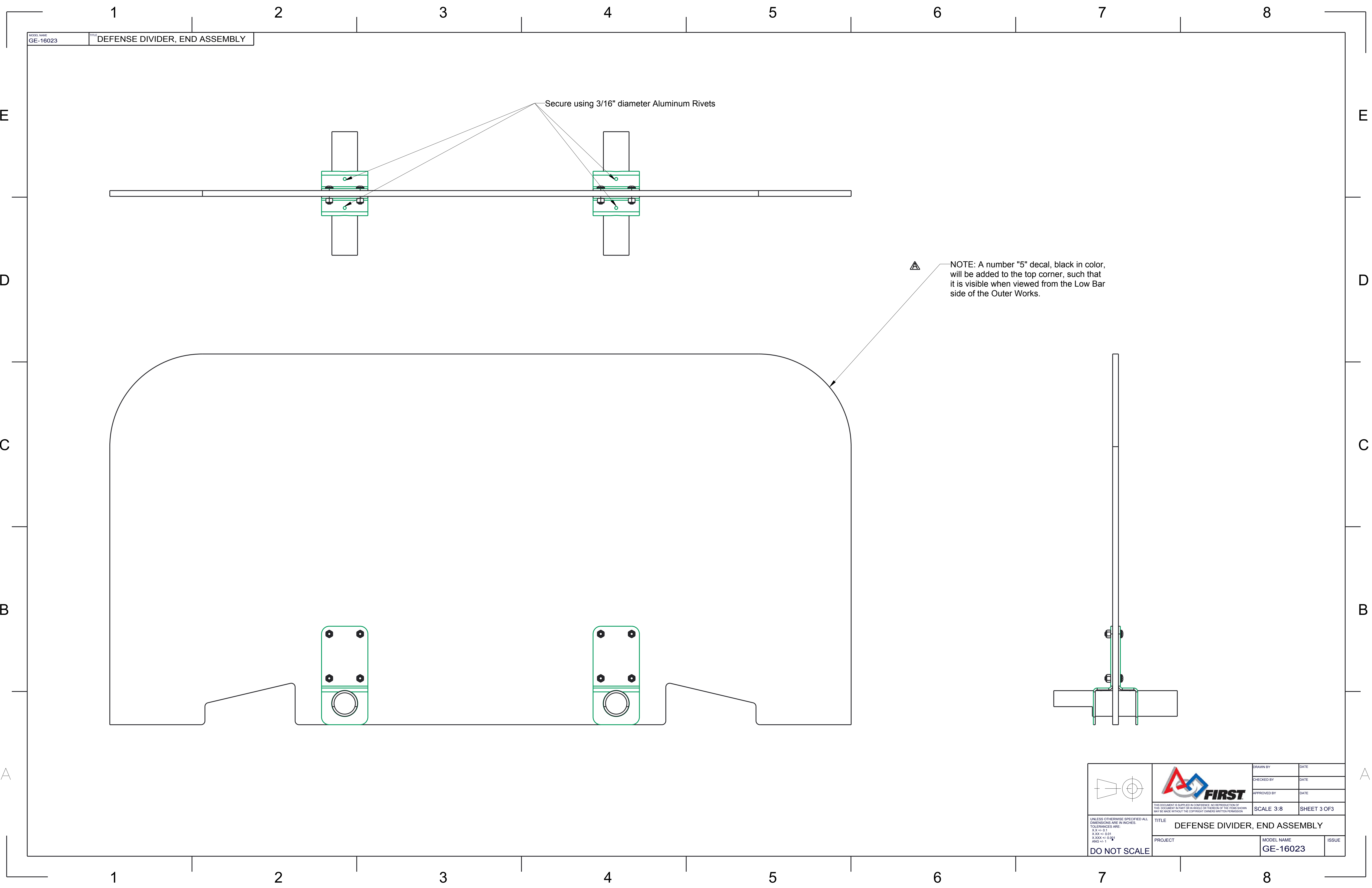
MODEL NAME	ISSUE
GE-16023	



MODEL NAME
GE-16023

TITLE
DEFENSE DIVIDER, END ASSEMBLY

 <small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1</small> DO NOT SCALE	 <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	
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		SCALE 1:2		SHEET 2 OF 3
TITLE DEFENSE DIVIDER, END ASSEMBLY				
PROJECT		MODEL NAME GE-16023	ISSUE	

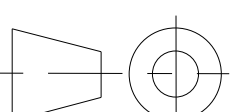



MODEL NAME
GE-16023

TITLE
DEFENSE DIVIDER, END ASSEMBLY

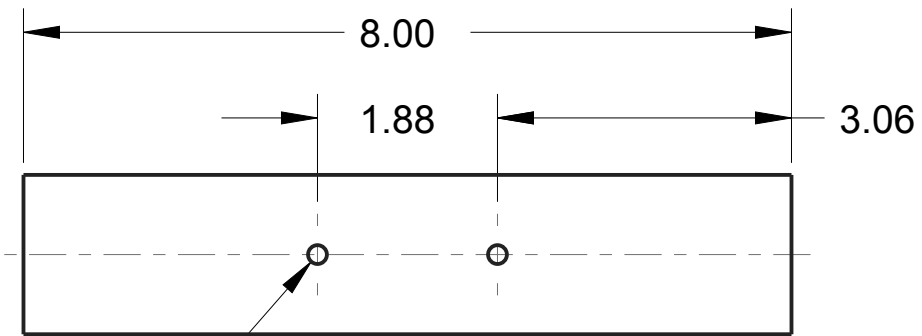
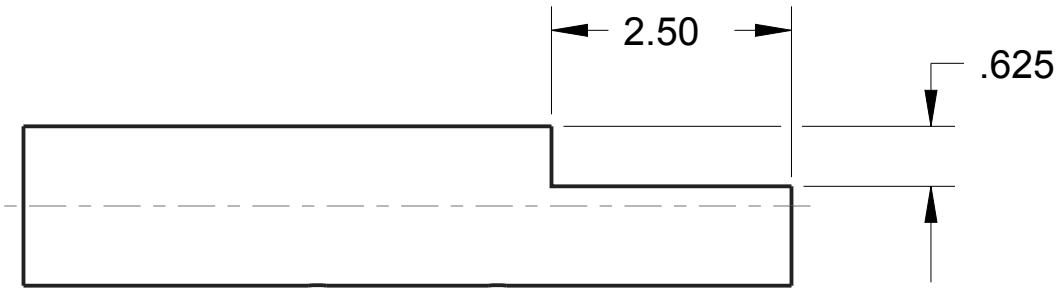
Secure using 3/16" diameter Aluminum Rivets

NOTE: A number "5" decal, black in color, will be added to the top corner, such that it is visible when viewed from the Low Bar side of the Outer Works.

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		APPROVED BY	DATE
		SCALE 3:8	
TITLE DEFENSE DIVIDER, END ASSEMBLY			
PROJECT	MODEL NAME GE-16023		ISSUE

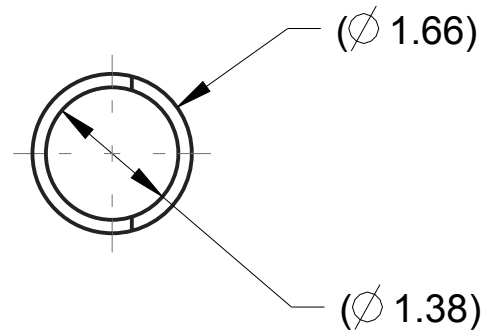
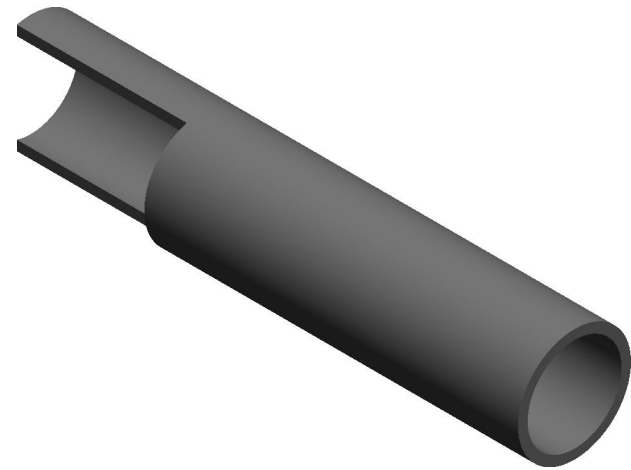
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
XX.XX +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1

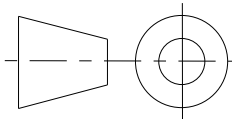

DO NOT SCALE



2X Ø .196
Thru One Wall

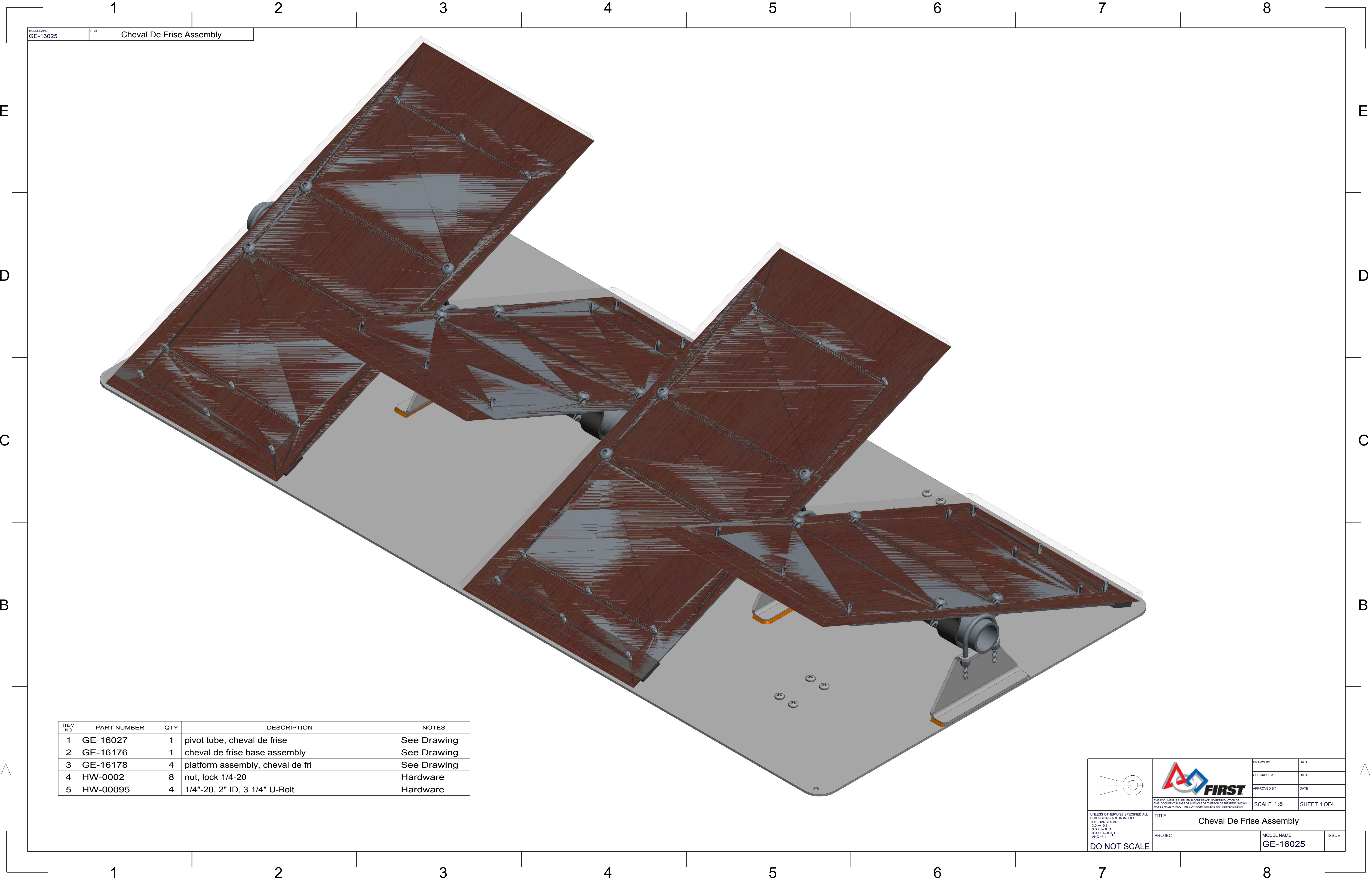
- Notes:
1. Material: 1-1/4" Schedule 40 Pipe, 6061 Aluminum
 2. Remove all burrs and sharp edges.



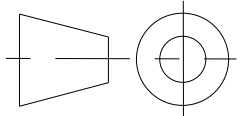
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°			
TITLE <div>DIVIDER PIPE, END</div>			
PROJECT		MODEL NAME GE-16024	ISSUE
DO NOT SCALE			


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

DO NOT SCALE



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16027	1	pivot tube, cheval de frise	See Drawing
2	GE-16176	1	cheval de frise base assembly	See Drawing
3	GE-16178	4	platform assembly, cheval de fri	See Drawing
4	HW-0002	8	nut, lock 1/4-20	Hardware
5	HW-00095	4	1/4"-20, 2" ID, 3 1/4" U-Bolt	Hardware





DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE

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TOLERANCES ARE:
X.XX ±0.01
X.XXX ±0.001
ANG ±1

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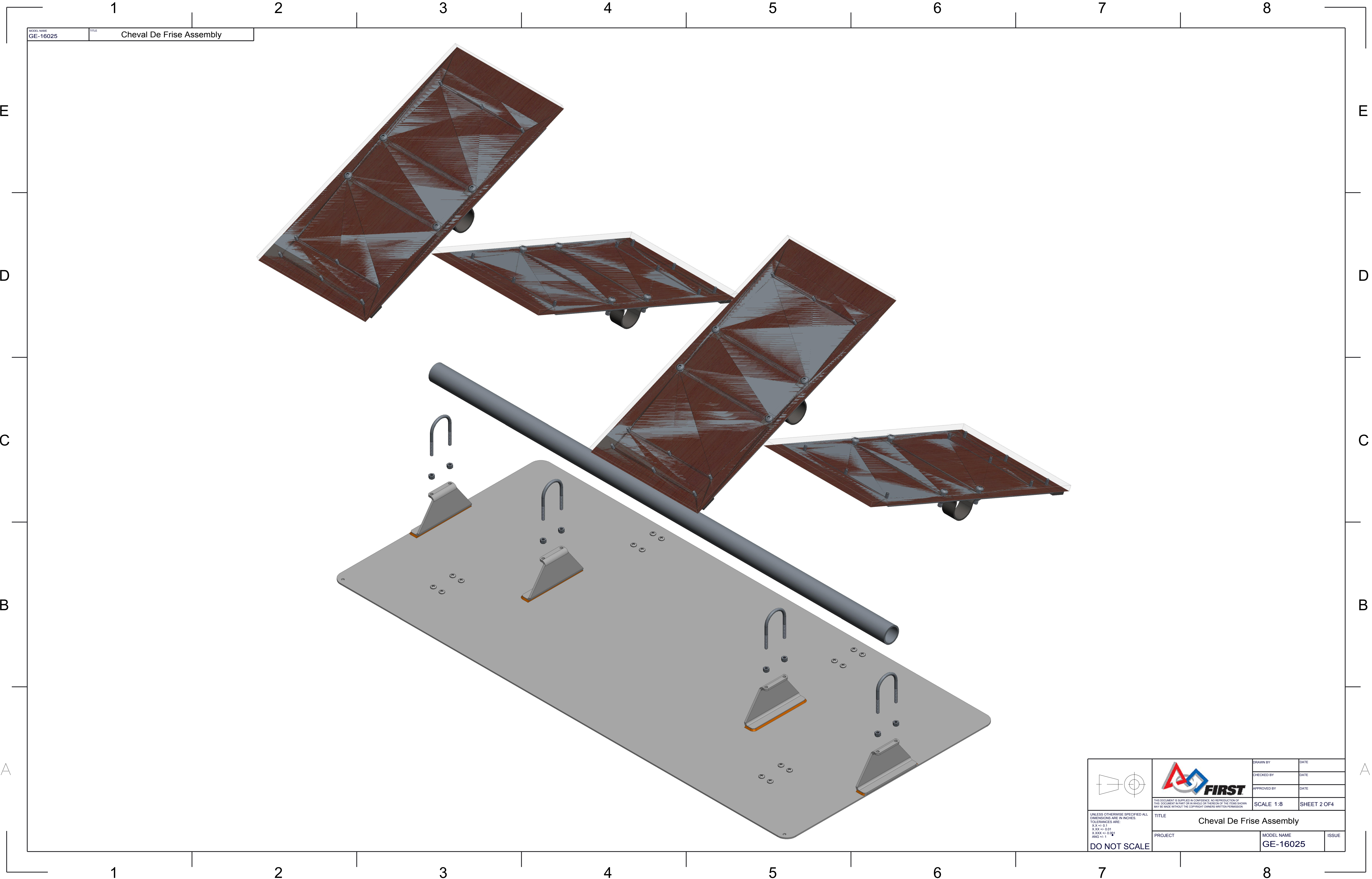
TITLE Cheval De Frise Assembly	
PROJECT	MODEL NAME GE-16025
ISSUE	

DO NOT SCALE



SCALE 1:8

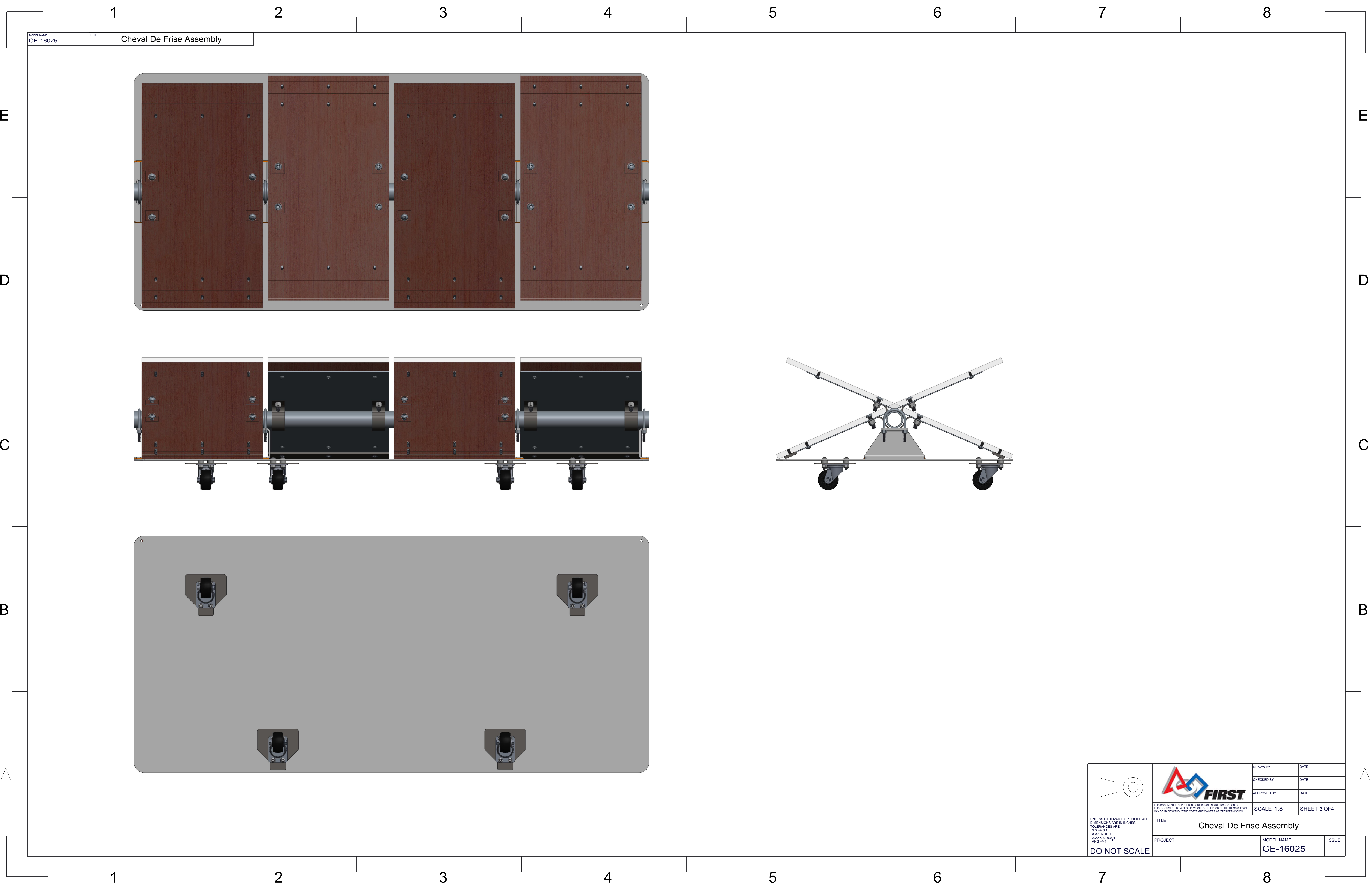
SHEET 1 OF 4

ASME STANDARD





MODEL NAME	TITLE
GE-16025	Cheval De Frise Assembly

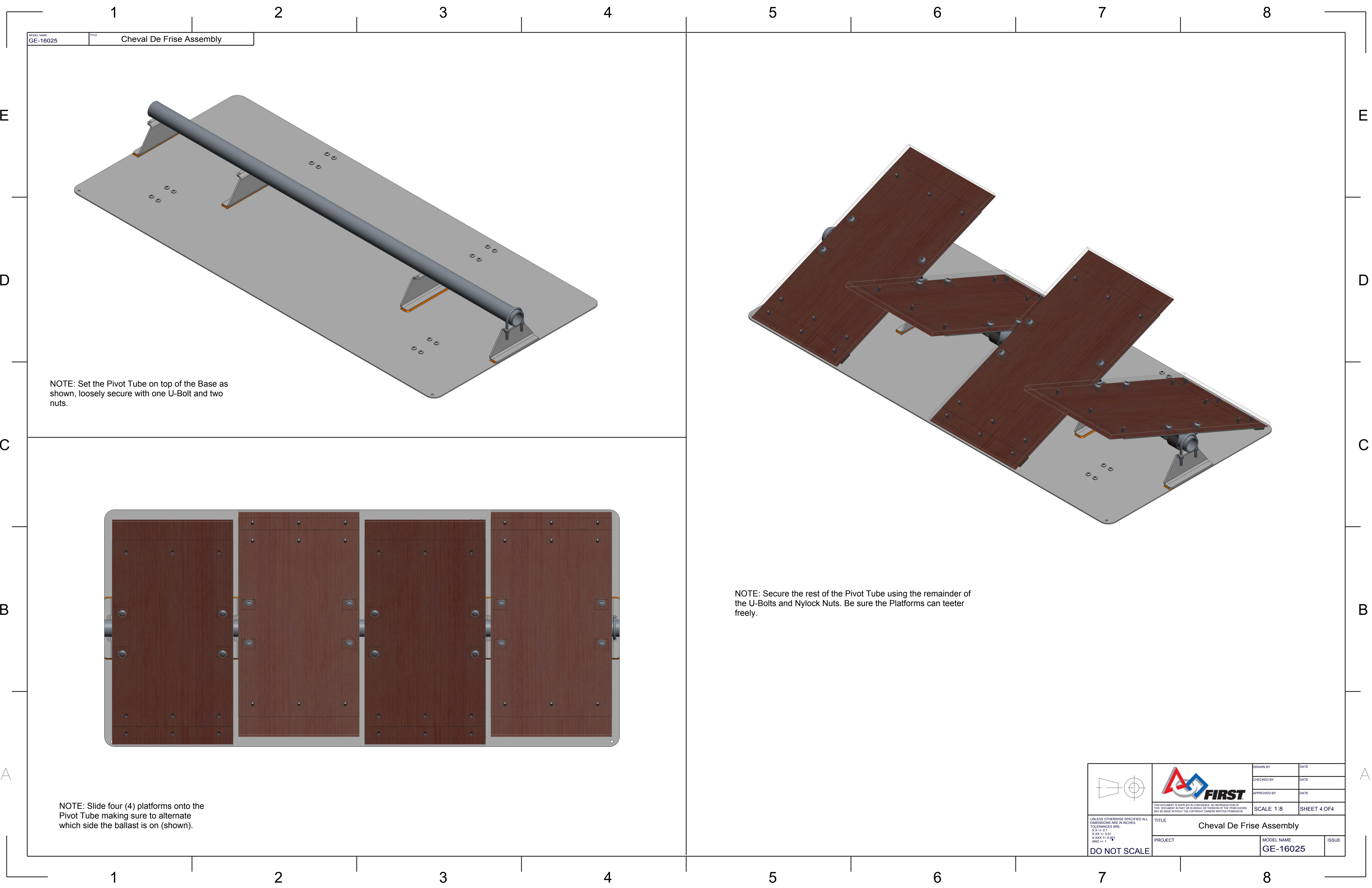
	 <small>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREOF OR OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNER'S WRITTEN PERMISSION.</small>	DRAWN BY	DATE		
		CHECKED BY	DATE		
		APPROVED BY	DATE		
		SCALE 1:8		SHEET 2 OF 4	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.XX +/- 0.1 X.XXX +/- 0.001 ANG +/- 1		TITLE <h1>Cheval De Frise Assembly</h1>			
PROJECT		MODEL NAME		ISSUE	
DO NOT SCALE		GE-16025			



MODEL NAME
GE-16025

TITLE
Cheval De Frise Assembly

 <div>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X < .1 XX < .01 XXX < .001 ANG +/- 1</div> <div>DO NOT SCALE</div>	 <div>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</div>	DRAWN BY	DATE	
		CHECKED BY	DATE	
		APPROVED BY	DATE	
		SCALE 1:8		SHEET 3 OF 4
TITLE Cheval De Frise Assembly				
PROJECT		MODEL NAME GE-16025		ISSUE




MODEL NAME: GE-16025
TITLE: Cheval De Frise Assembly

NOTE: Set the Pivot Tube on top of the Base as shown, loosely secure with one U-Bolt and two nuts.

NOTE: Secure the rest of the Pivot Tube using the remainder of the U-Bolts and Nylock Nuts. Be sure the Platforms can teeter freely.

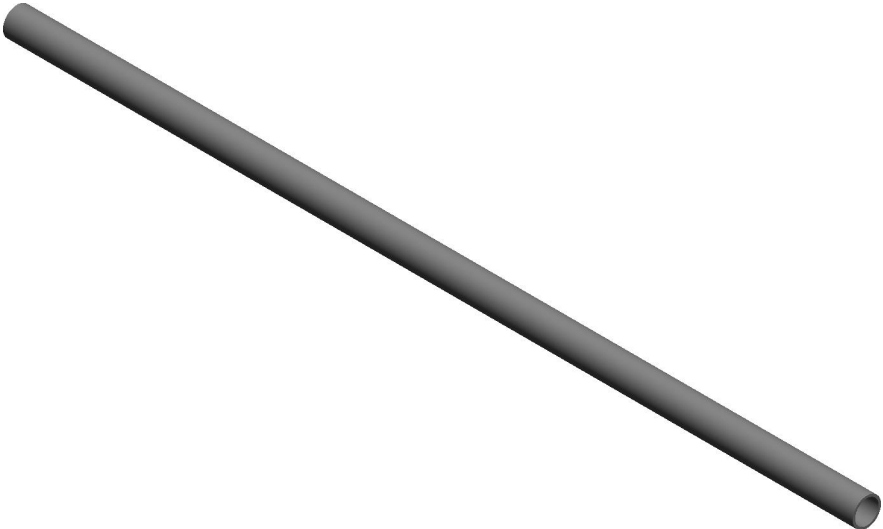
NOTE: Slide four (4) platforms onto the Pivot Tube making sure to alternate which side the ballast is on (shown).

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:8 SHEET 4 OF 4	
TITLE Cheval De Frise Assembly		
PROJECT		ISSUE
MODEL NAME GE-16025		

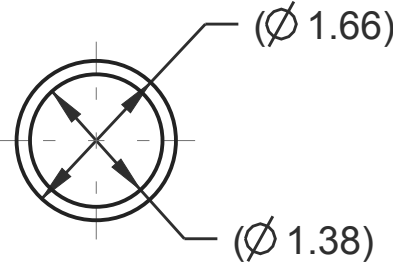
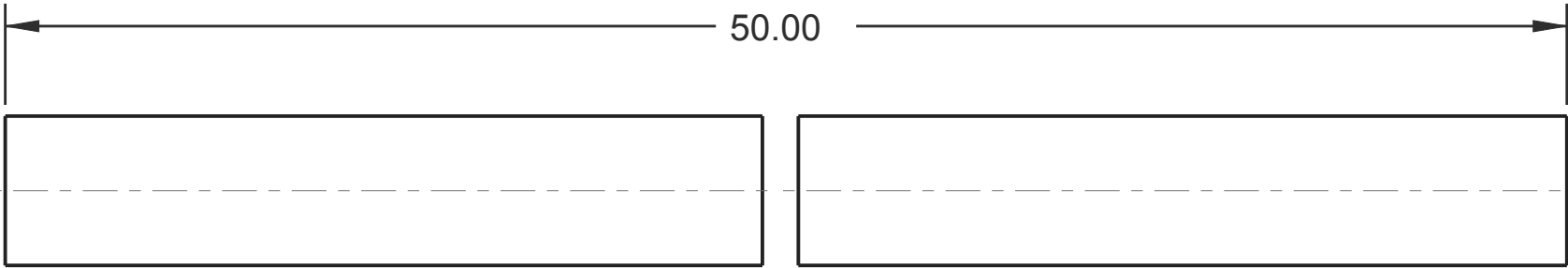
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:
X.XX ±0.1
X.XX ±0.01
X.XXX ±0.001
ANG ±1

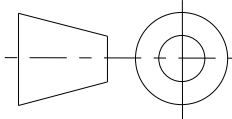
DO NOT SCALE



SCALE 1:8



- NOTES:
- 1. MATERIAL: 1-1/4" SCHEDULE 40 PIPE, 6061-T6 ALUMINUM
 - 2. REMOVE ALL BURRS AND SHARP EDGES



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

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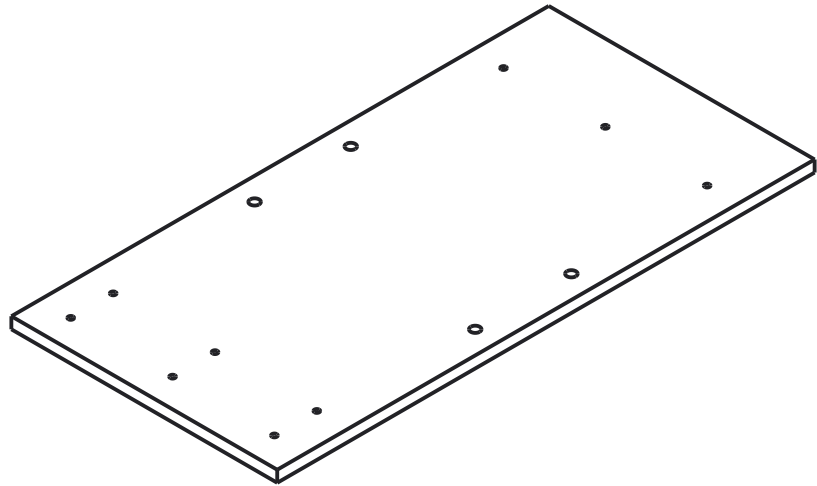
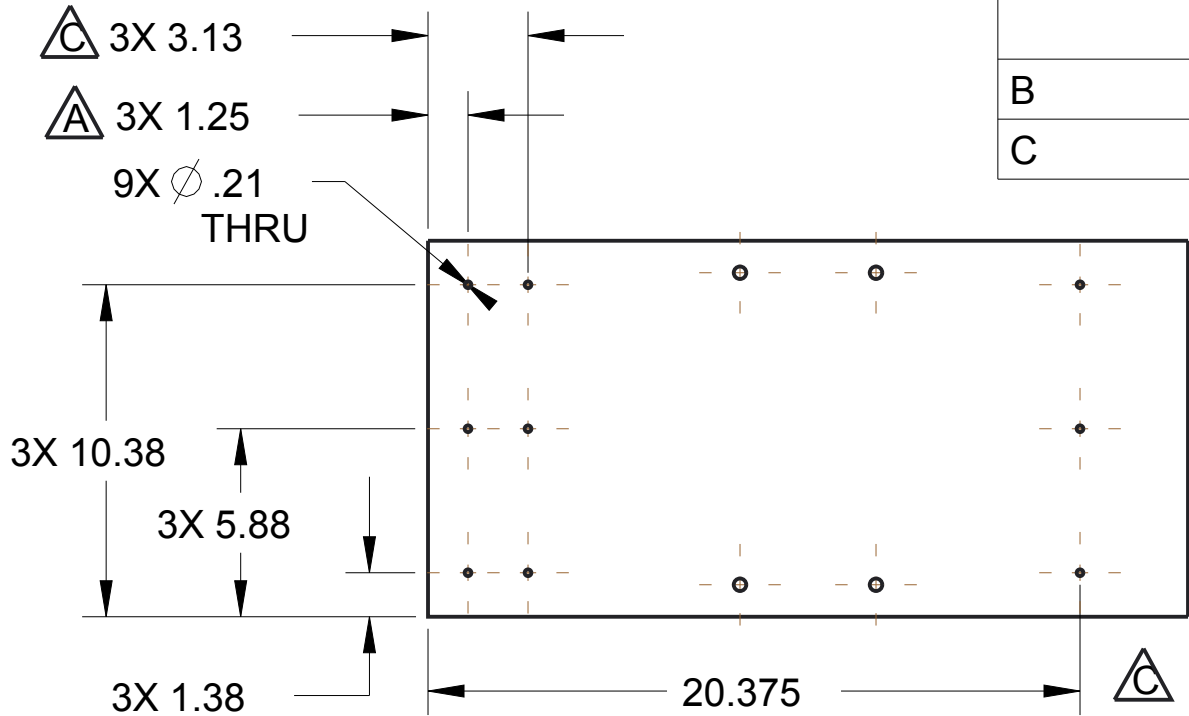
TITLE
PIVOT TUBE

PROJECT

DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:2	SHEET 1 OF 1
MODEL NAME GE-16027	
ISSUE	

MODEL NAME GE-16028	TITLE Platform, Cheval de Frise
------------------------	------------------------------------

REV	ZONE	DESCRIPTION	INITIAL	DATE
A	A-1, D-1	9.75 WAS 10.00, REMOVED 3 POCKETS, ADDED .21 HOLES (QTY3)	DAF	12/16/15
B	A-1	Changed C'sink to C'bore	DAF	2/26/16
C	C-2, D-1	ADDED MOUNTING HOLES, .21 (QTY 6)	NJS	4/4/2016



.50

1.00

11.75

9.75

23.75

9.75

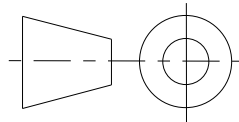
4.25

Ø.391 THRU
Ø.704 .200
4 PLACES

Print to be seen from this side

NOTE

Material: Clear Polycarb, .5" Thick
Scale: 1:6
Finish: Print to look like wood



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DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
X.X +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

DO NOT SCALE

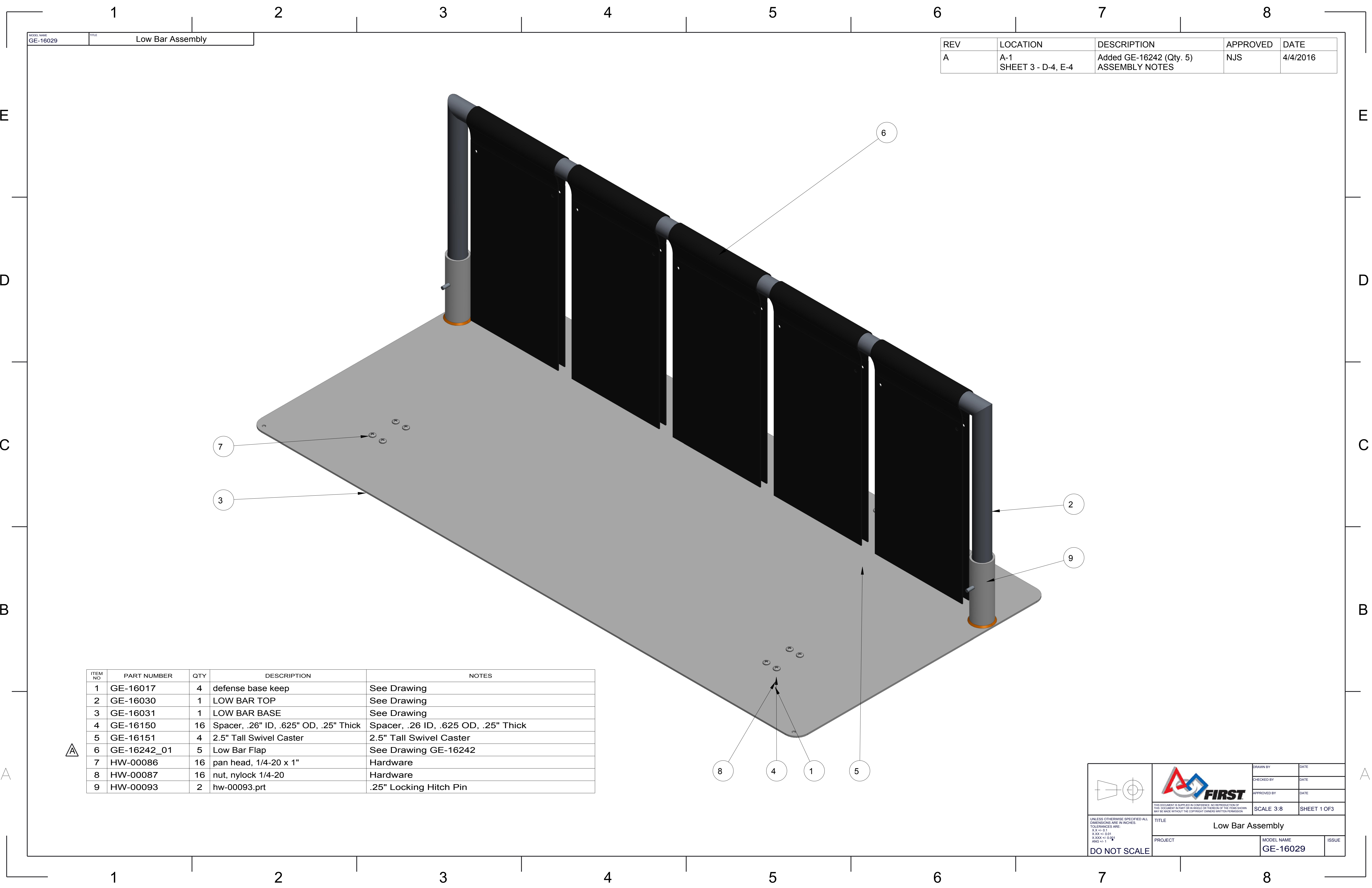
TITLE
Platform, Cheval de Frise

PROJECT

MODEL NAME
GE-16028

ISSUE

DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:6	SHEET 1 OF 1

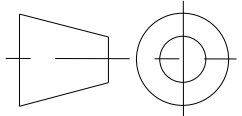


MODEL NAME	TITLE
GE-16029	Low Bar Assembly

REV	LOCATION	DESCRIPTION	APPROVED	DATE
A	A-1 SHEET 3 - D-4, E-4	Added GE-16242 (Qty. 5) ASSEMBLY NOTES	NJS	4/4/2016


ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16017	4	defense base keep	See Drawing
2	GE-16030	1	LOW BAR TOP	See Drawing
3	GE-16031	1	LOW BAR BASE	See Drawing
4	GE-16150	16	Spacer, .26" ID, .625" OD, .25" Thick	Spacer, .26" ID, .625" OD, .25" Thick
5	GE-16151	4	2.5" Tall Swivel Caster	2.5" Tall Swivel Caster
6	GE-16242_01	5	Low Bar Flap	See Drawing GE-16242
7	HW-00086	16	pan head, 1/4-20 x 1"	Hardware
8	HW-00087	16	nut, nylock 1/4-20	Hardware
9	HW-00093	2	hw-00093.prt	.25" Locking Hitch Pin

A



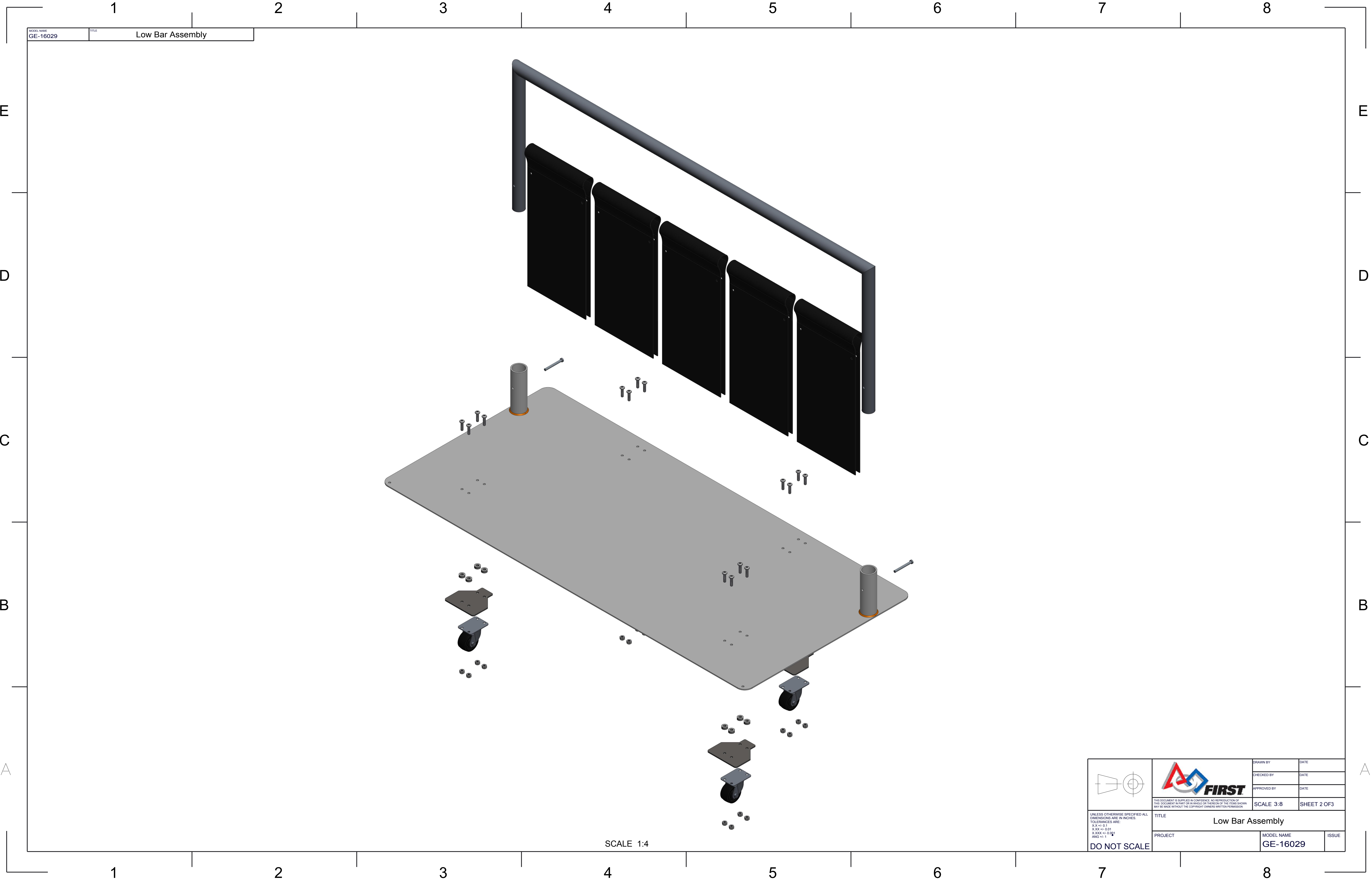
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X.XXX +/- 0.001
ANG +/- 1

DO NOT SCALE

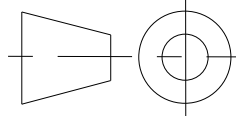



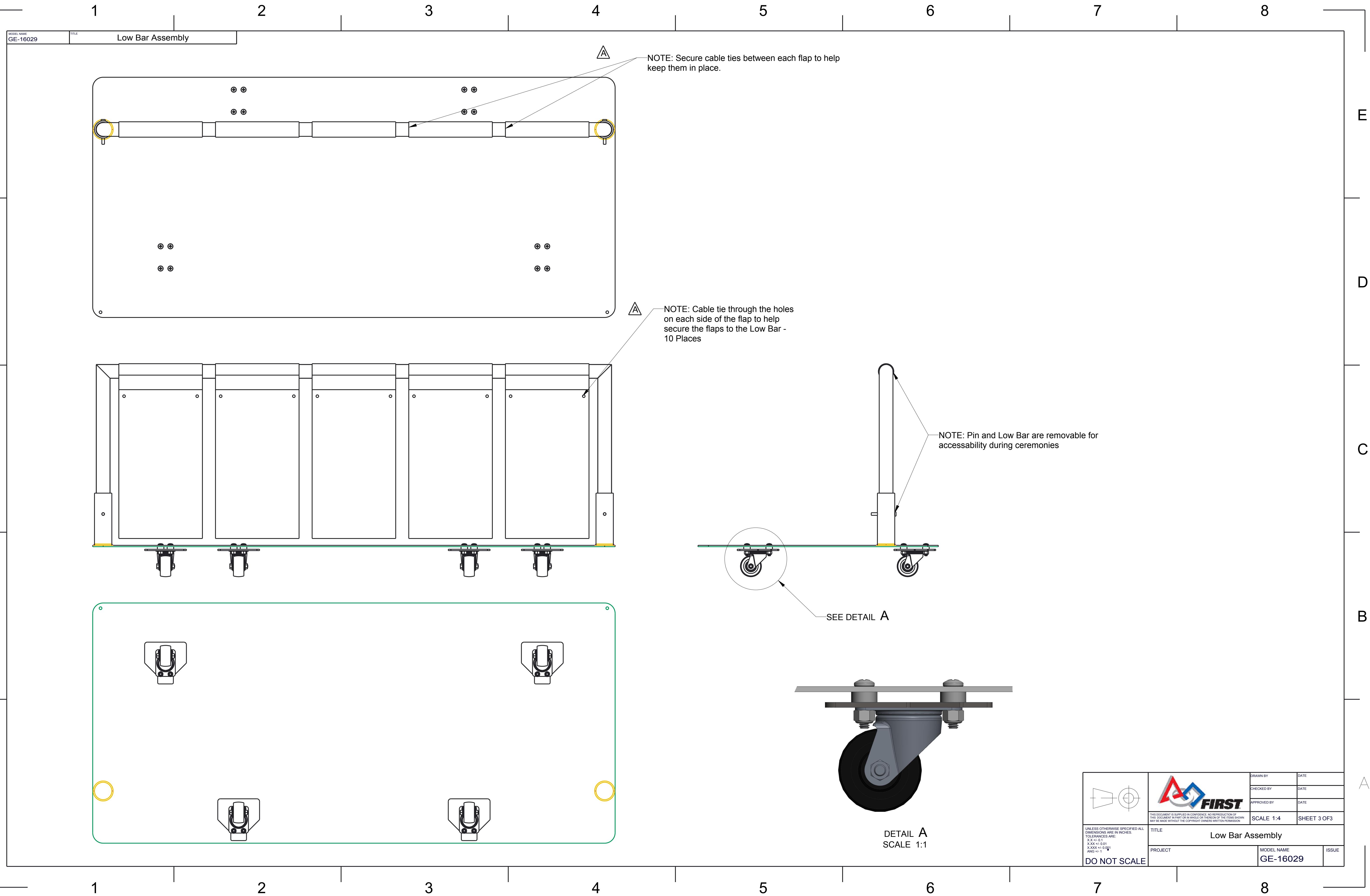
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CHECKED BY	DATE
APPROVED BY	DATE
SCALE 3:8	
SHEET 1 OF 3	
TITLE Low Bar Assembly	
PROJECT	MODEL NAME GE-16029
ISSUE	



SCALE 1:4

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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 3:8	
TITLE Low Bar Assembly			
PROJECT		MODEL NAME GE-16029	ISSUE



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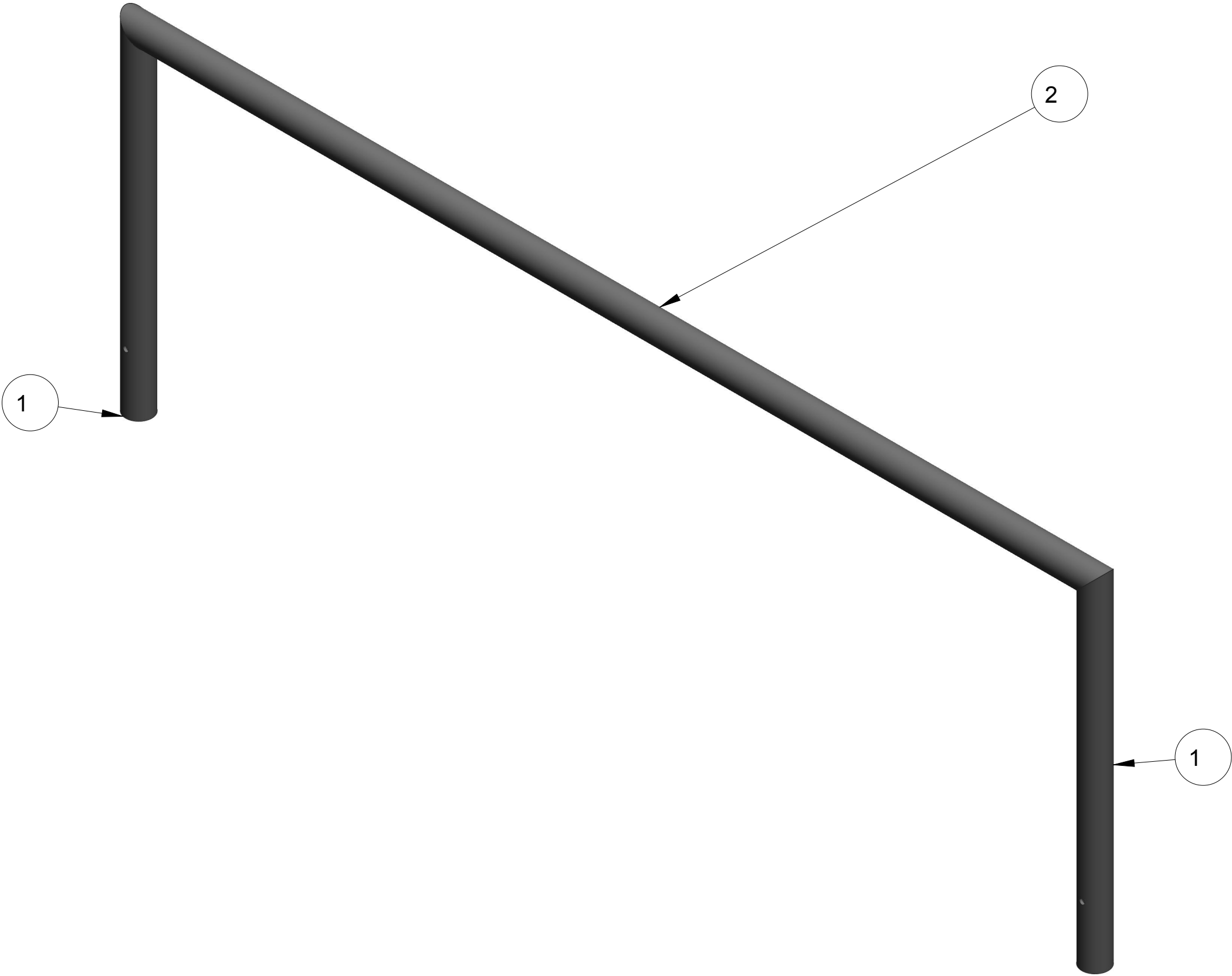
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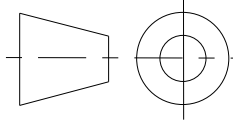

A

MODEL NAME	TITLE
GE-16030	Low Bar Top



SCALE 1:4

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16030-01	2	VERTICAL	Aluminum
2	GE-16030-02	1	HORIZONTAL	Aluminum

		DRAWN BY	DATE
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		APPROVED BY	DATE
		SCALE 1:4	SHEET 1 OF3
TITLE Low Bar Top			
PROJECT		MODEL NAME GE-16030	ISSUE

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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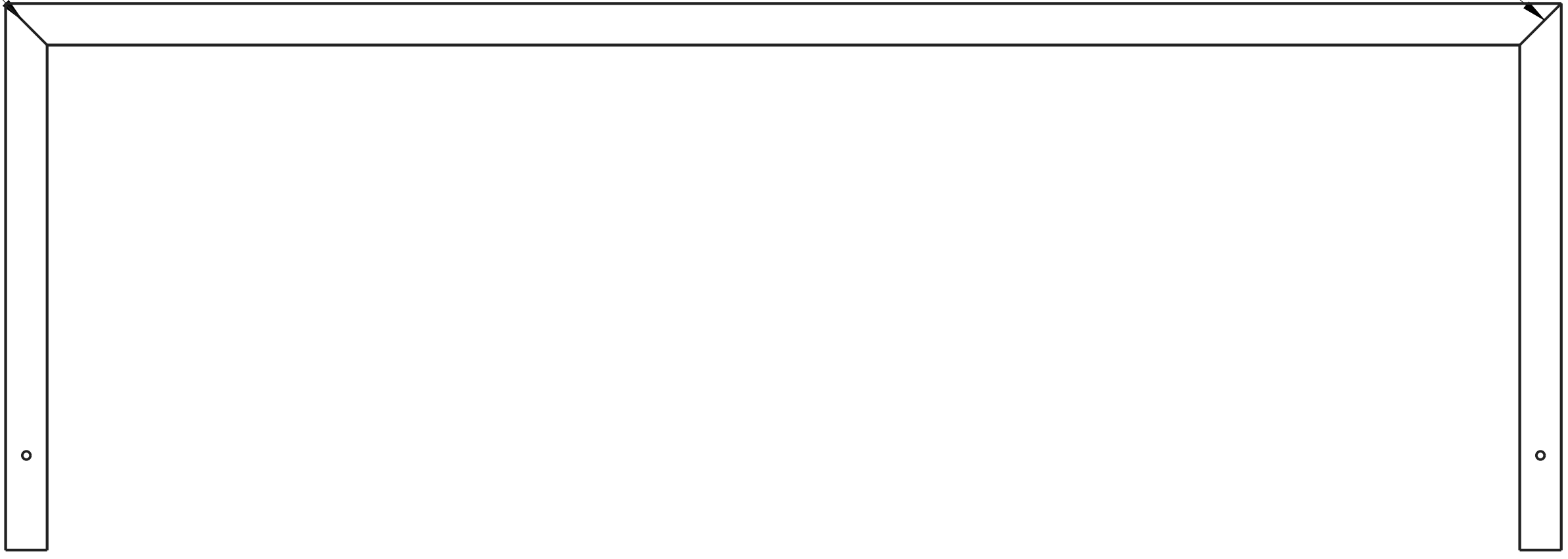
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MODEL NAME	TITLE
GE-16030	Low Bar Top



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	CHECKED BY		DATE
	APPROVED BY		DATE
	SCALE 1:4		SHEET 2 OF 3
<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XXX +/- 0.01 XXXX +/- 0.001 ANG +/- 1</small> DO NOT SCALE	TITLE Low Bar Top		
	PROJECT		MODEL NAME GE-16030
			ISSUE

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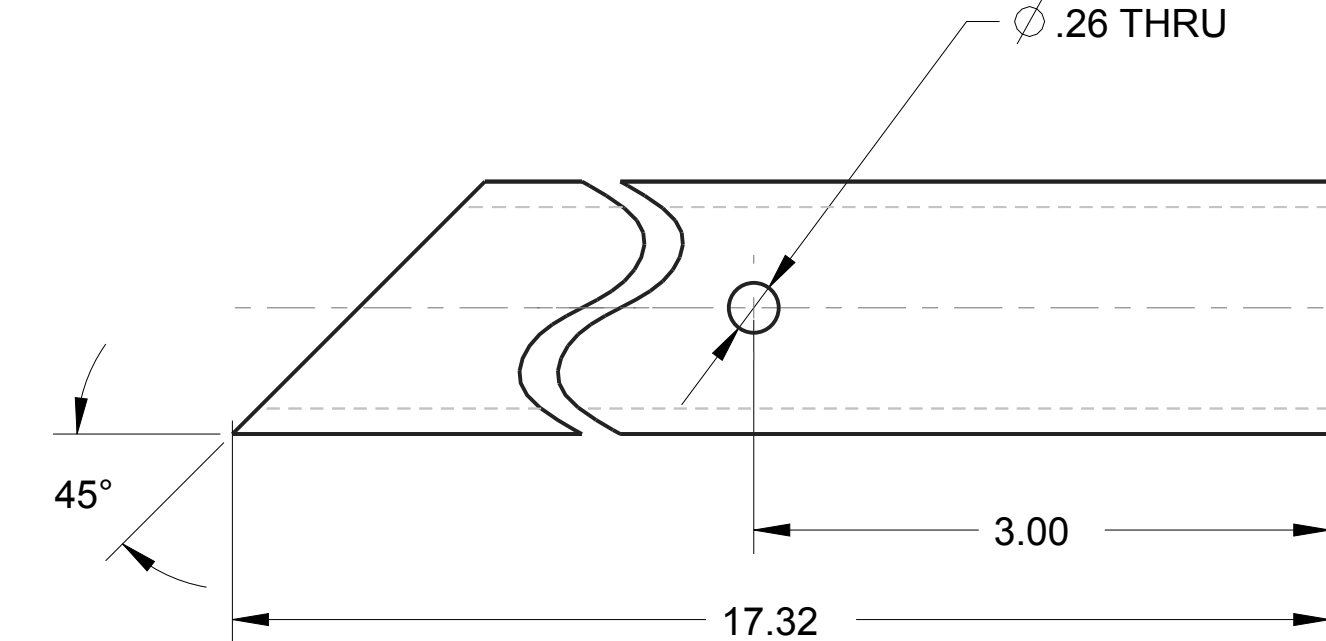
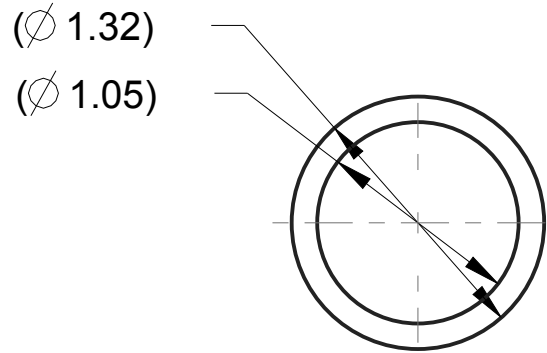
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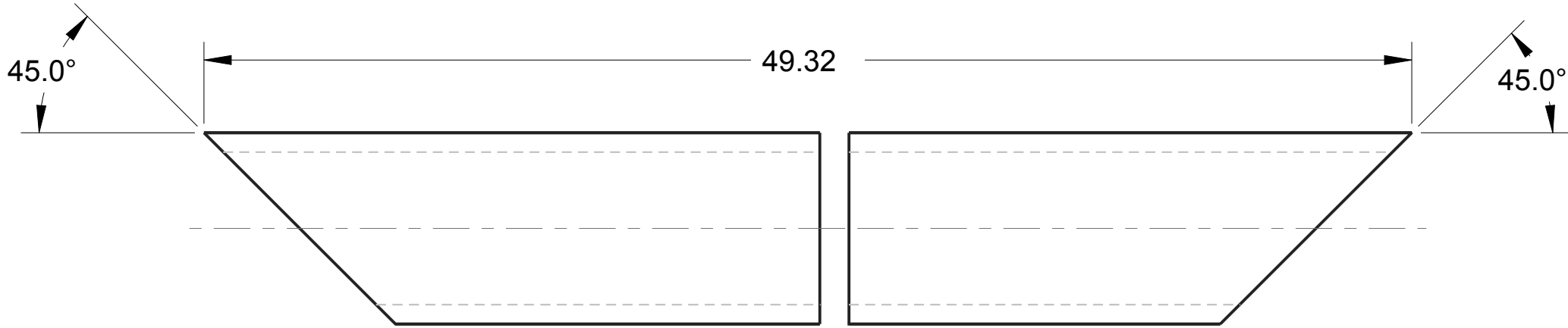
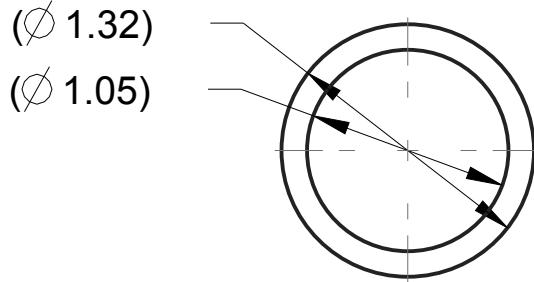
MODEL NAME	TITLE
GE-16030	Low Bar Top



SCALE 1:1



NOTE

Part: GE-16030-01
Material: Aluminum Schedule 40 Pipe, 1"
Qty: 2
Scale: 1:1

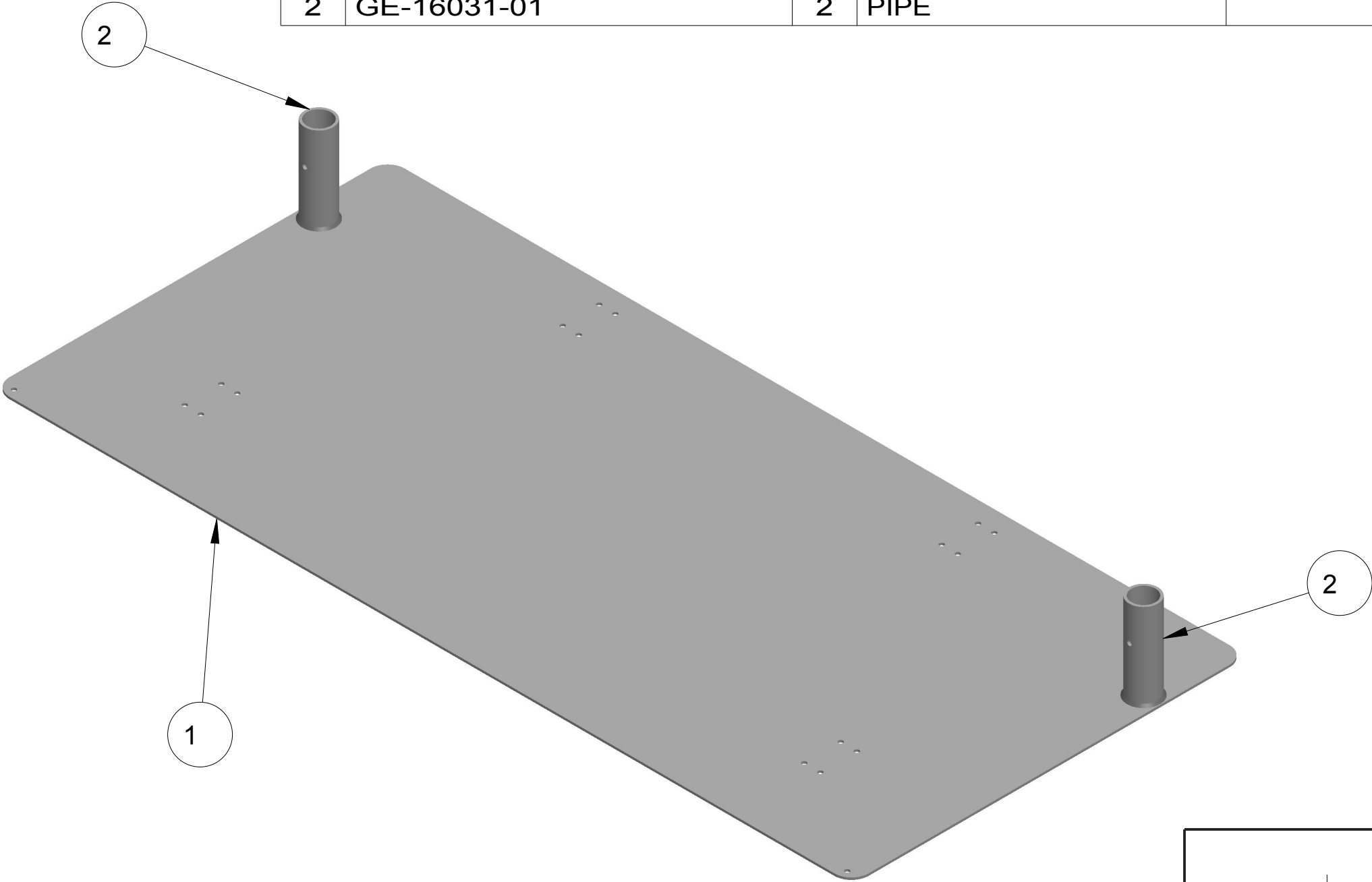


NOTE

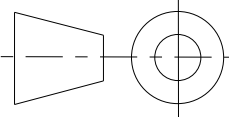
Part: GE-16030-02
Material: Aluminum Schedule 40 Pipe, 1"
Qty: 1
Scale: 1:1

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	SCALE 1:4		SHEET 3 OF 3
 <small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1</small> DO NOT SCALE	TITLE Low Bar Top		
	PROJECT		MODEL NAME GE-16030
		ISSUE	

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16016	1	Defense Base	
2	GE-16031-01	2	PIPE	




SCALE 3:16



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TITLE

LOW BAR BASE

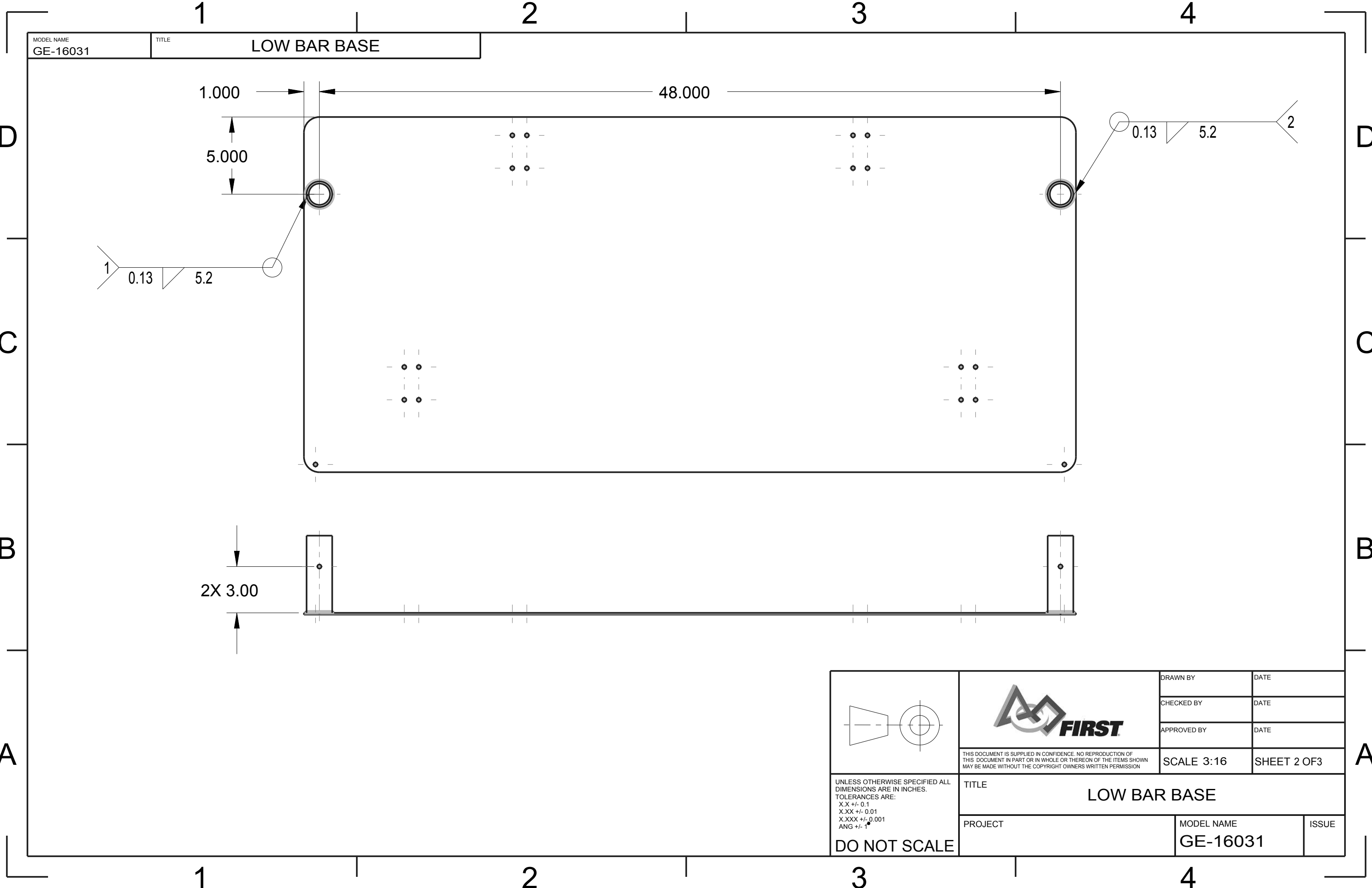
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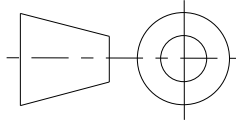

MODEL NAME

GE-16031

ISSUE

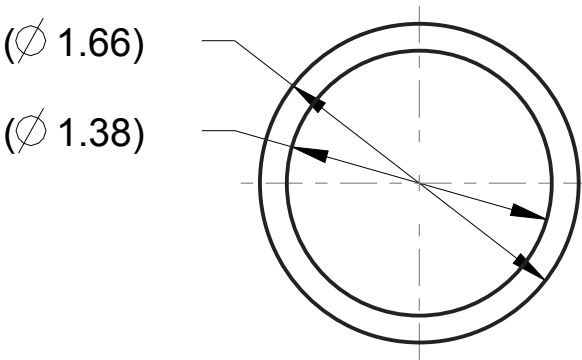
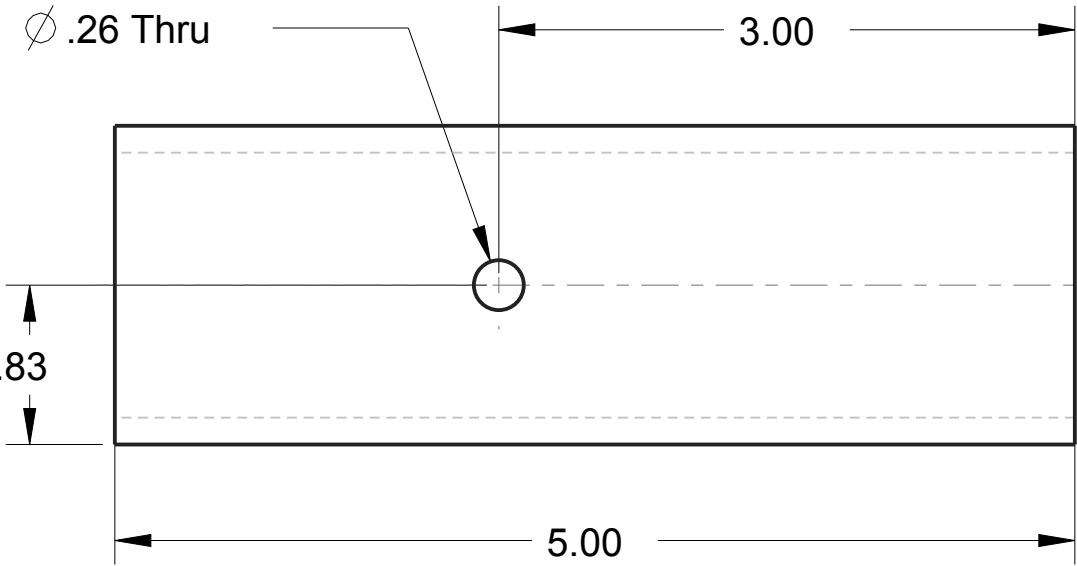
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APPROVED BY	DATE
SCALE 3:16	SHEET 1 OF 3



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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°	TITLE LOW BAR BASE		
	PROJECT	MODEL NAME GE-16031	ISSUE
DO NOT SCALE			

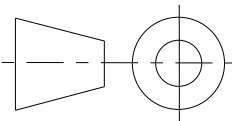

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
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X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

DO NOT SCALE



NOTE

Part: GE-16031-01
Material: 1.25" Schedule 40 Steel Pipe
Qty: 2
Scale: 1:1

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TITLE LOW BAR BASE			
PROJECT		MODEL NAME GE-16031	ISSUE
DO NOT SCALE			

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

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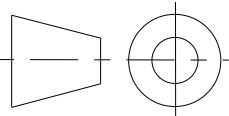

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MODEL NAME	TITLE
GE-16034	Door



SCALE 3:8

ITEM NO	PART NUMBER	QTY	DESCRIPTION
1	GE-16034-01	1	VERTICAL
2	GE-16034-02	2	HINGE
3	GE-16034-03	2	HINGE SPACER
4	GE-16034-04	1	HORIZONTAL
5	GE-16034-05	2	MOUNTING BRACKET
6	GE-16034-06	1	BRACE

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 3:8	SHEET 1 OF 5
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.XX +/- 0.1 X.XXX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1	TITLE	Door	
DO NOT SCALE	PROJECT	MODEL NAME GE-16034	ISSUE

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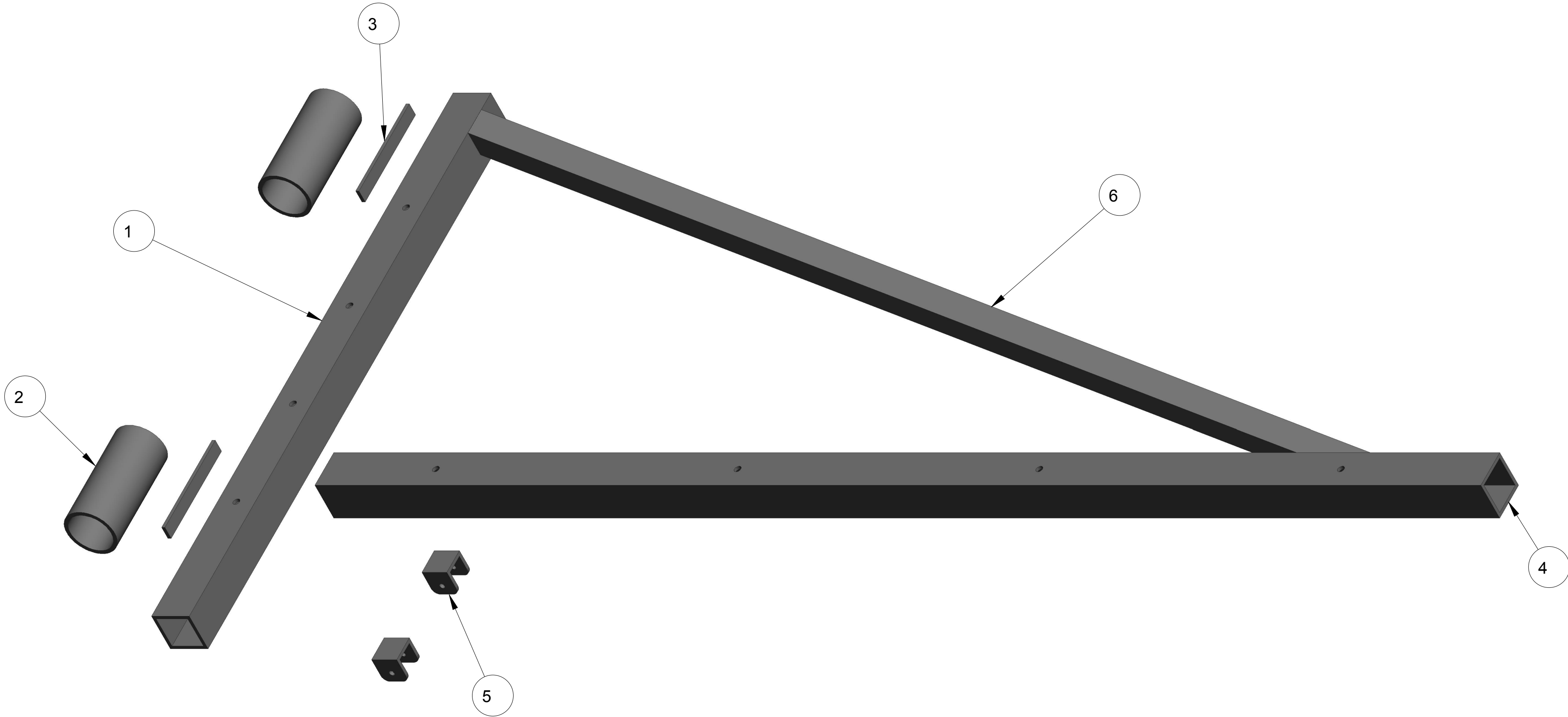
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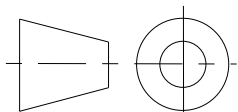

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MODEL NAME	TITLE
GE-16034	Door



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		APPROVED BY	DATE
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		SCALE 3:8	SHEET 2 OF 5
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1	TITLE Door		
	PROJECT	MODEL NAME GE-16034	ISSUE
	DO NOT SCALE		

1

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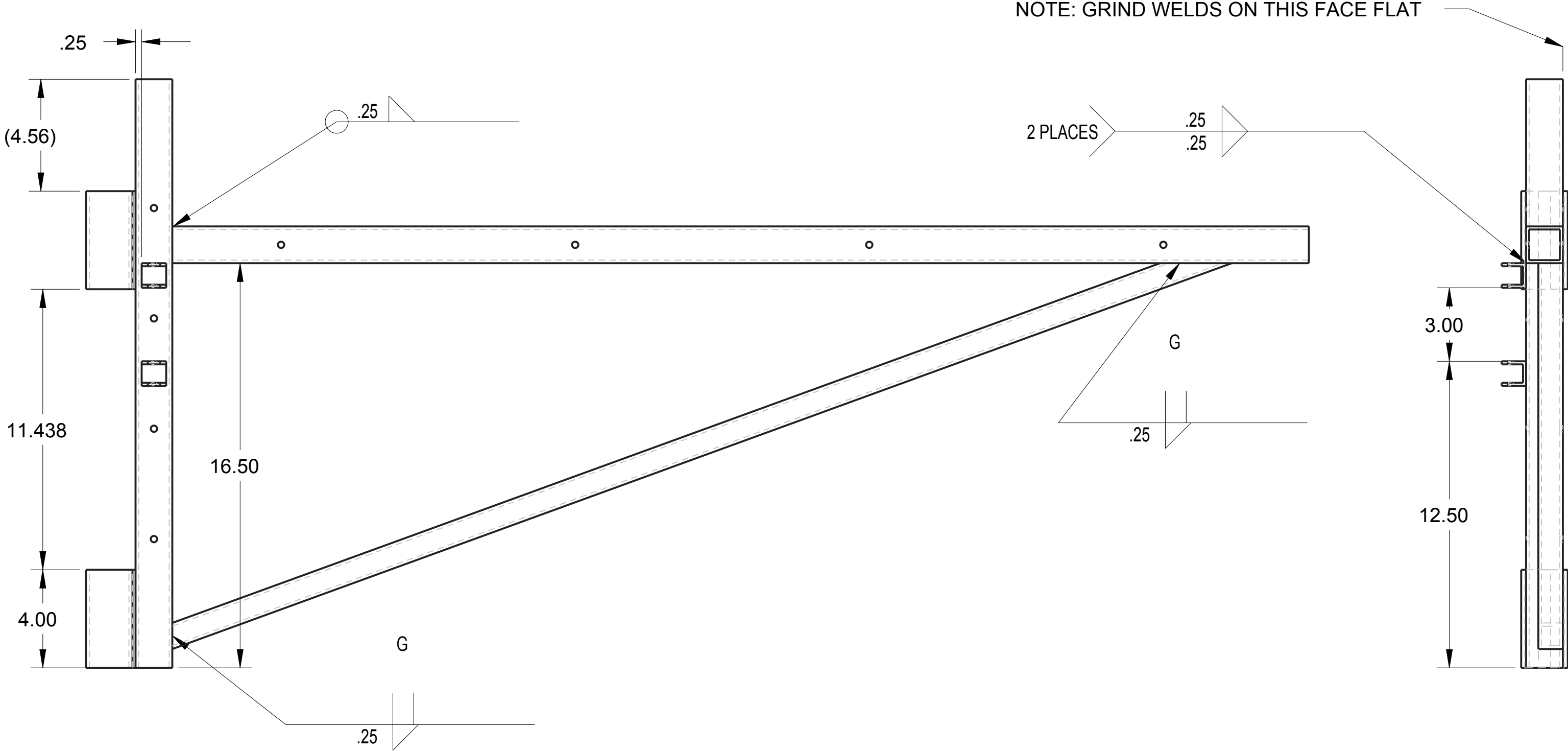
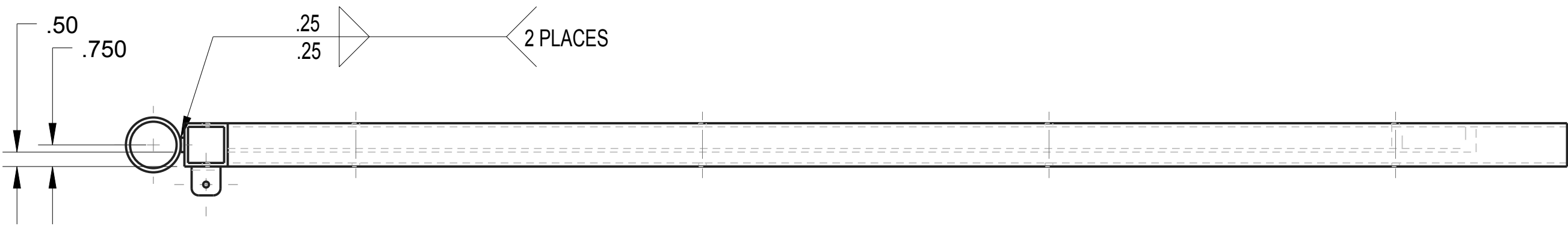
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MODEL NAME	TITLE
GE-16034	Door



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	SCALE 3:8	SHEET 3 OF 5
TITLE Door		
PROJECT		MODEL NAME GE-16034
DO NOT SCALE		ISSUE

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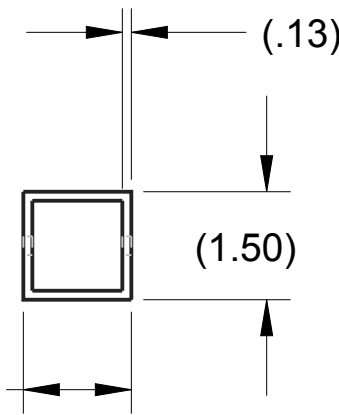
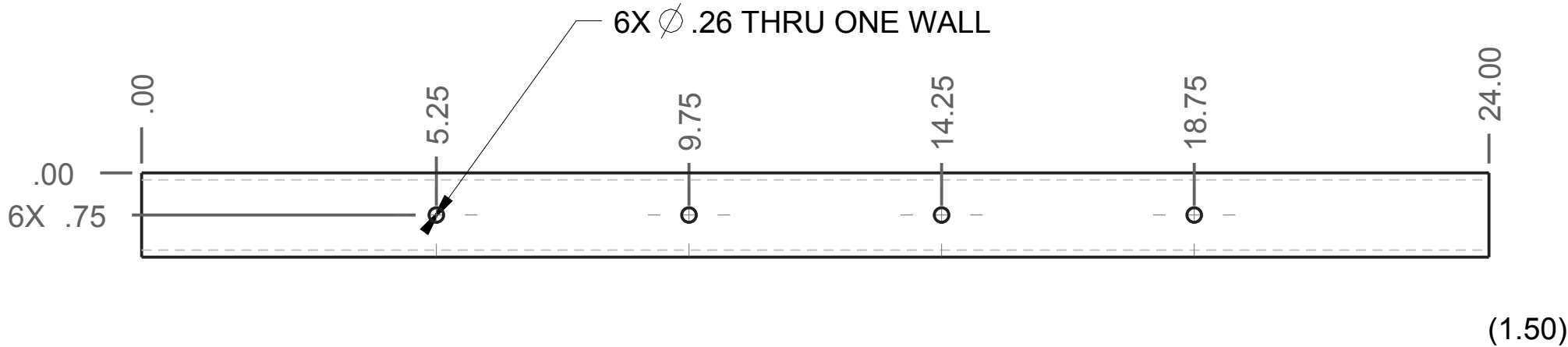
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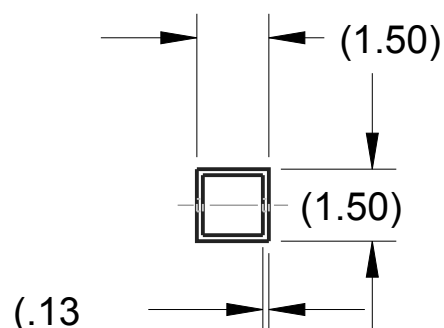
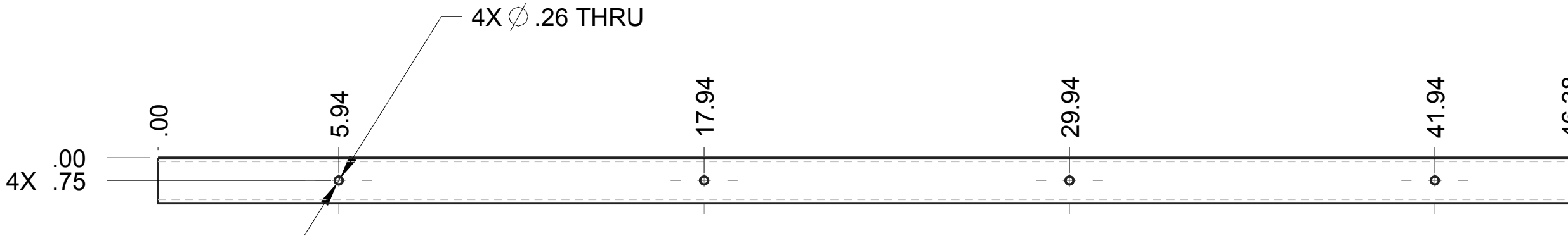
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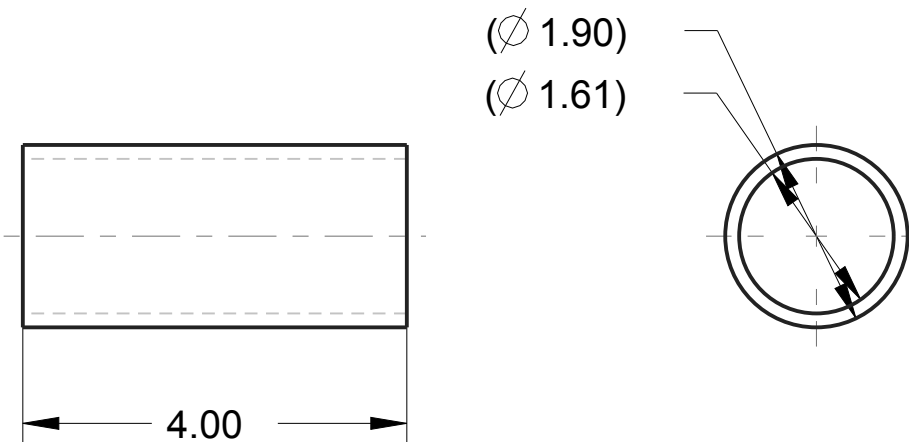
MODEL NAME	TITLE
GE-16034	Doo



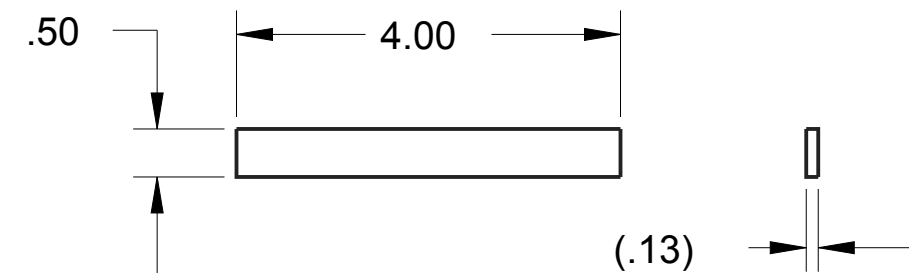
NOTE
Part: GE-16034-01
Material: 1.5" Aluminum Square Tubing
Qty: 1
Scale: 3:8



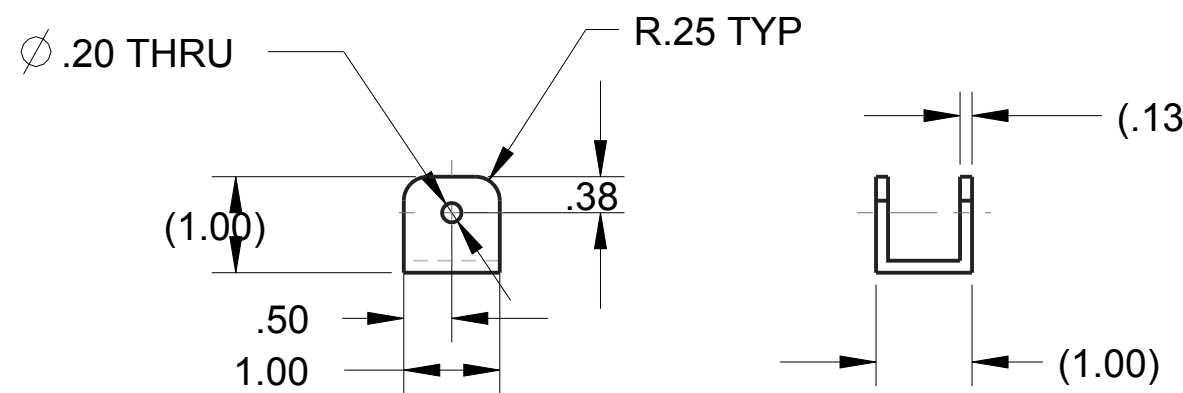
NOTE
Part: GE-16034-04
Material: 1.5" Aluminum Square Tubing
Qty: 1
Scale: 1:4




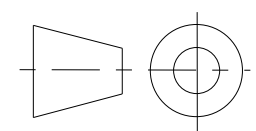
NOTE
Part: GE-16034-02
Material: 1.5" Aluminum Schedule 40 Pipe
Qty: 2
Scale: 1:2



NOTE
Part: GE-16034-03
Material: 5052 Aluminum, .125" Thick
Qty: 2
Scale: 1:2



NOTE
Part: GE-16034-05
Material: 1.5" Aluminum Channel, .125" Wall
Qty: 2
Scale: 1:2

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	PROJECT	MODEL NAME GE-16034
		ISSUE

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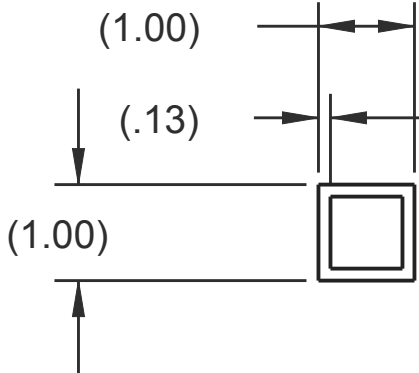
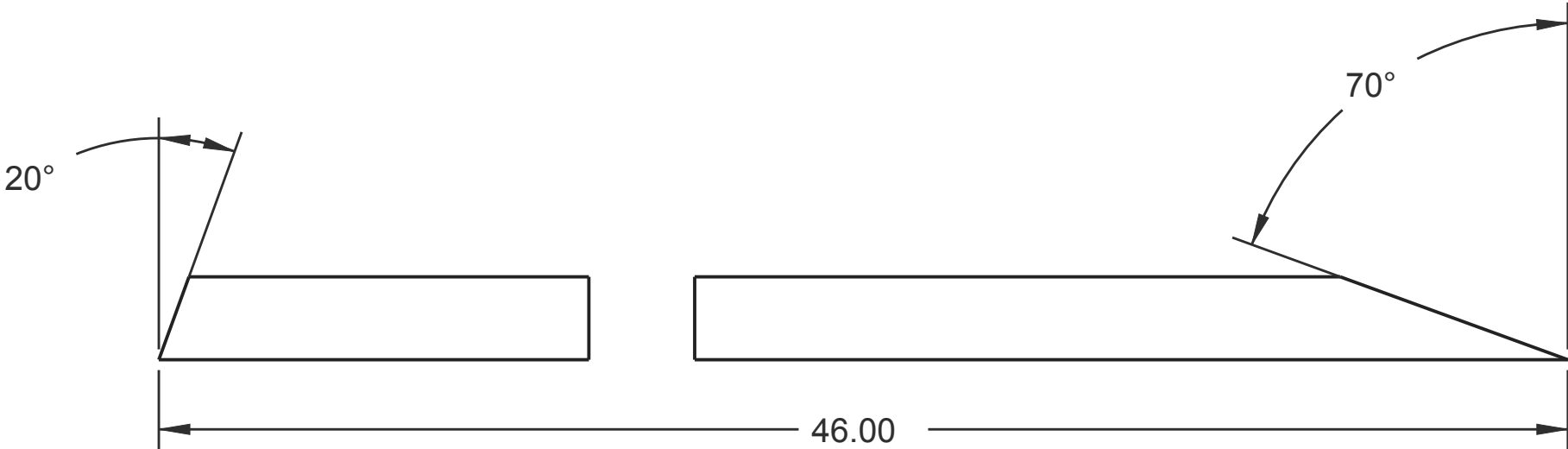
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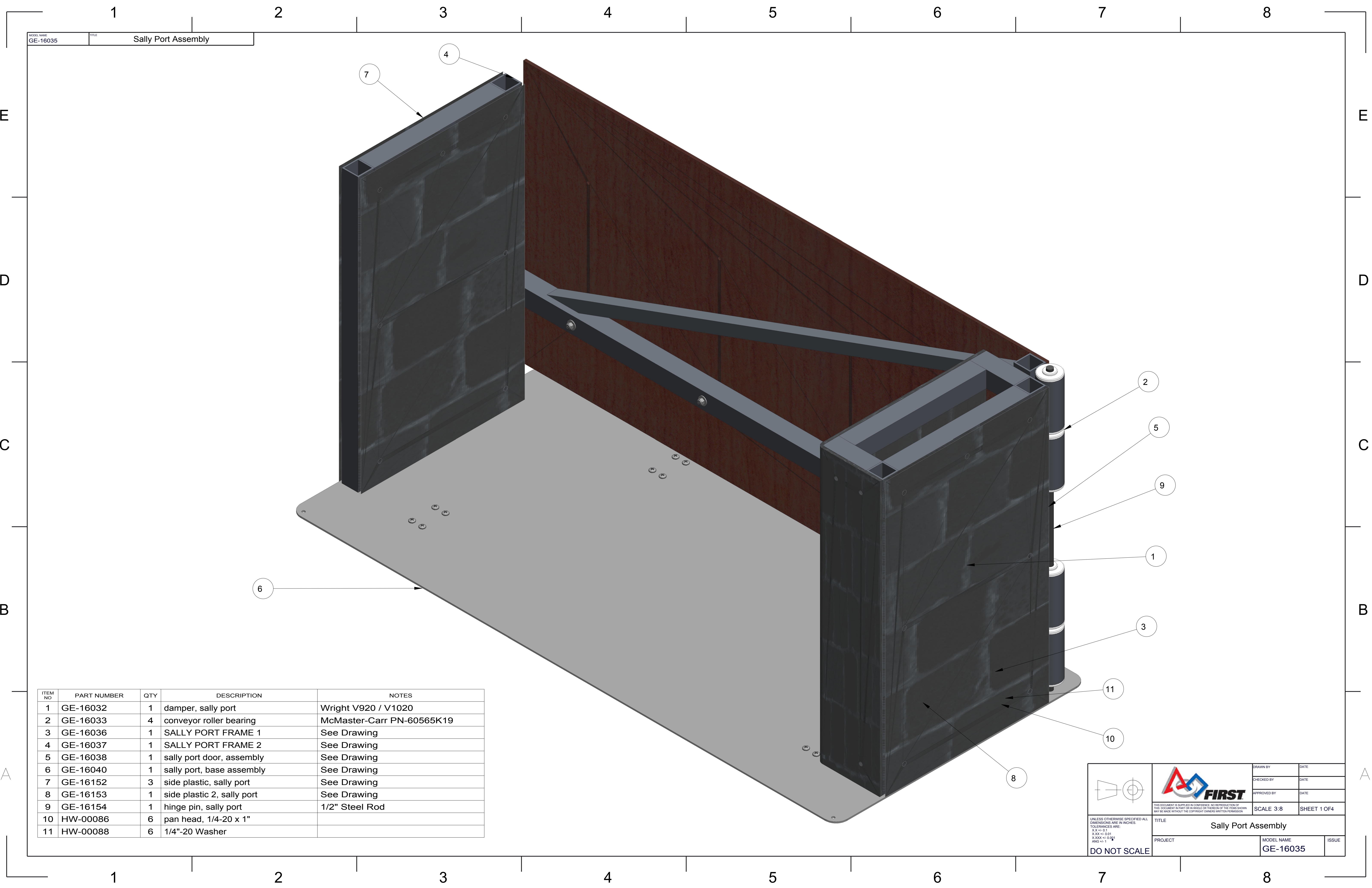
MODEL NAME	TITLE
GE-16034	Door



NOTE

Part: GE-16034-06
Material: 1" Aluminum Channel, .125" Wall
Qty: 2
Scale: 1:2


		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 3:8	SHEET 5 OF 5
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1	TITLE Door		
DO NOT SCALE	PROJECT	MODEL NAME GE-16034	ISSUE



MODEL NAME
GE-16035

TITLE
Sally Port Assembly

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16032	1	damper, sally port	Wright V920 / V1020
2	GE-16033	4	conveyor roller bearing	McMaster-Carr PN-60565K19
3	GE-16036	1	SALLY PORT FRAME 1	See Drawing
4	GE-16037	1	SALLY PORT FRAME 2	See Drawing
5	GE-16038	1	sally port door, assembly	See Drawing
6	GE-16040	1	sally port, base assembly	See Drawing
7	GE-16152	3	side plastic, sally port	See Drawing
8	GE-16153	1	side plastic 2, sally port	See Drawing
9	GE-16154	1	hinge pin, sally port	1/2" Steel Rod
10	HW-00086	6	pan head, 1/4-20 x 1"	
11	HW-00088	6	1/4"-20 Washer	

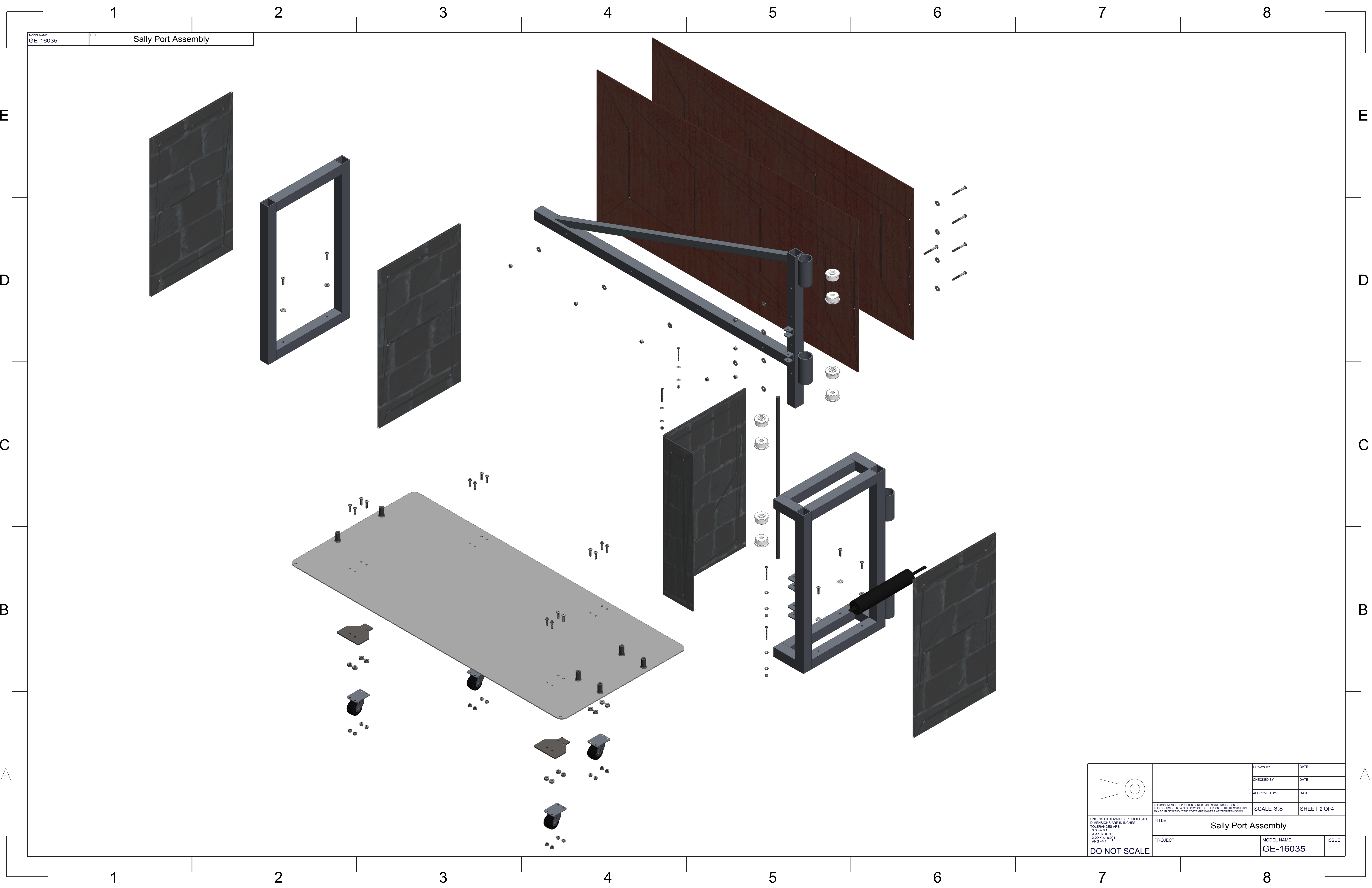


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X.XX +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1

DO NOT SCALE

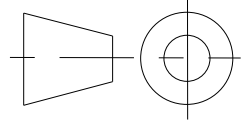
TITLE Sally Port Assembly		DRAWN BY		DATE	
PROJECT		CHECKED BY		DATE	
MODEL NAME GE-16035		APPROVED BY		DATE	
ISSUE		SCALE 3:8		SHEET 1 OF 4	

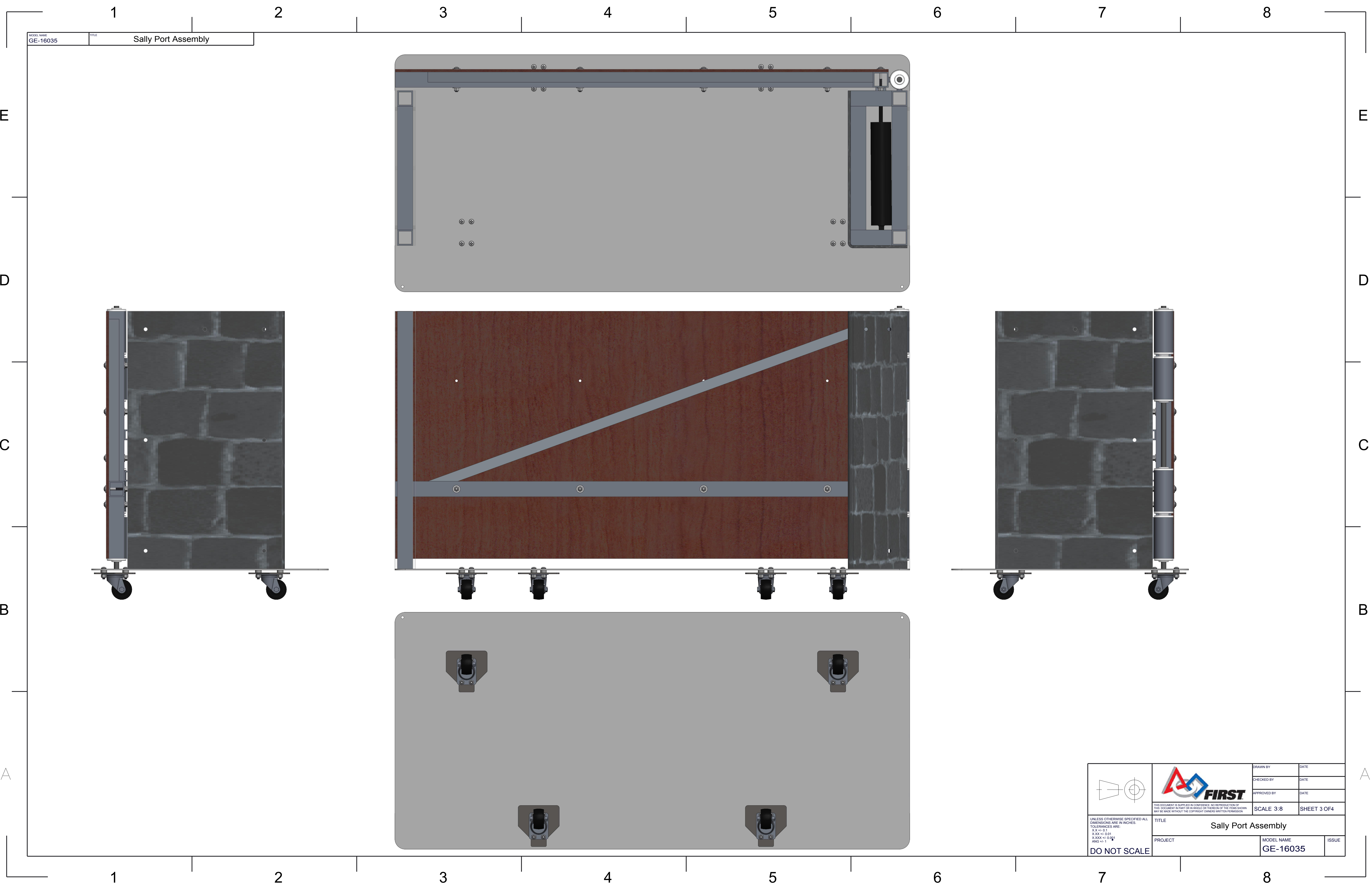
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MODEL NAME
GE-16035

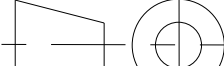

TITLE
Sally Port Assembly

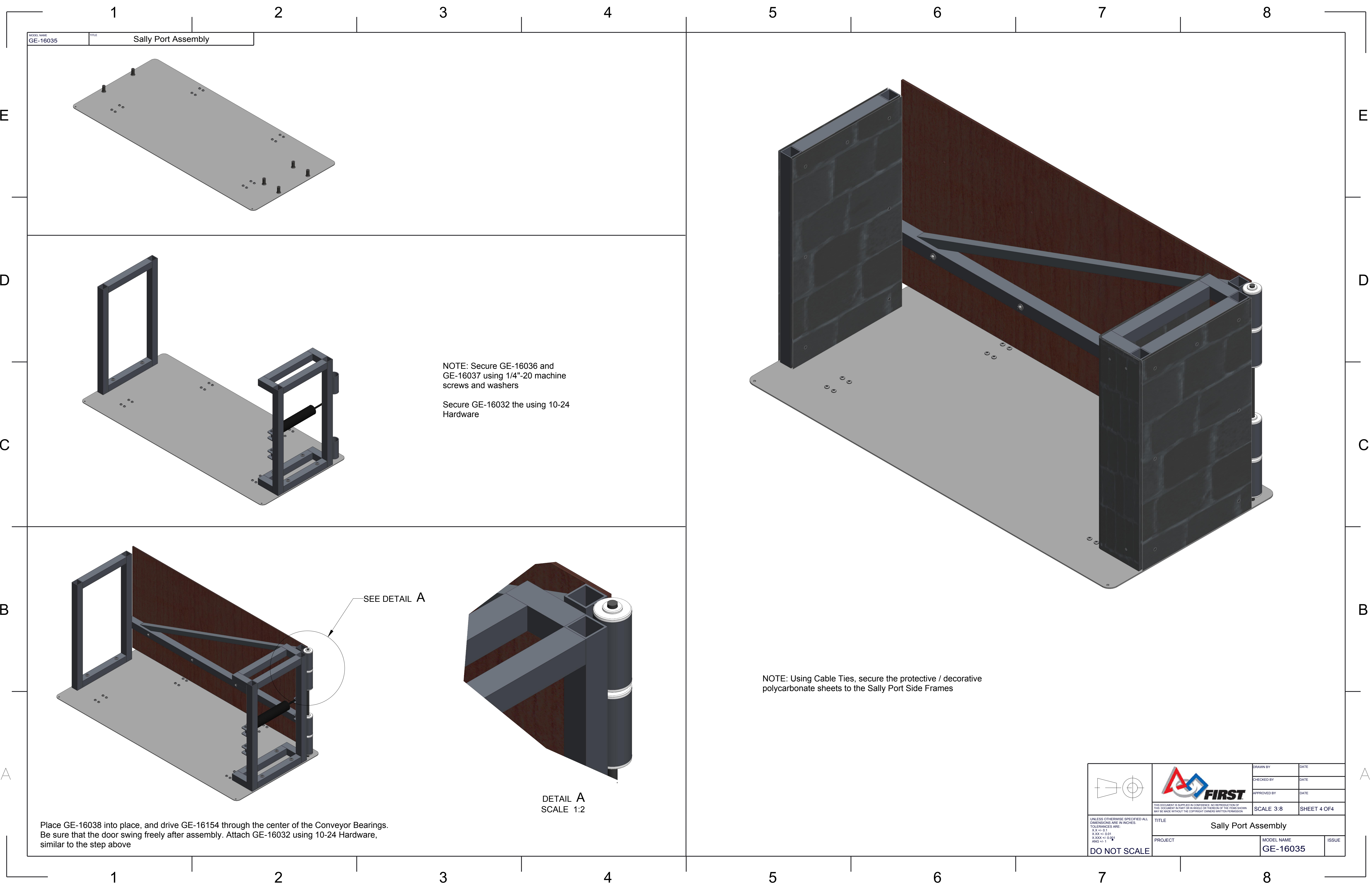
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SCALE 3:8			SHEET 2 OF 4			
TITLE			Sally Port Assembly			
PROJECT			MODEL NAME	ISSUE		
			GE-16035			



MODEL NAME
GE-16035

TITLE
Sally Port Assembly

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		APPROVED BY	DATE	
		SCALE 3:8	SHEET 3 OF 4	
TITLE Sally Port Assembly				
PROJECT		MODEL NAME GE-16035		ISSUE
DO NOT SCALE				



MODEL NAME
GE-16035

TITLE
Sally Port Assembly



NOTE: Secure GE-16036 and
GE-16037 using 1/4"-20 machine
screws and washers

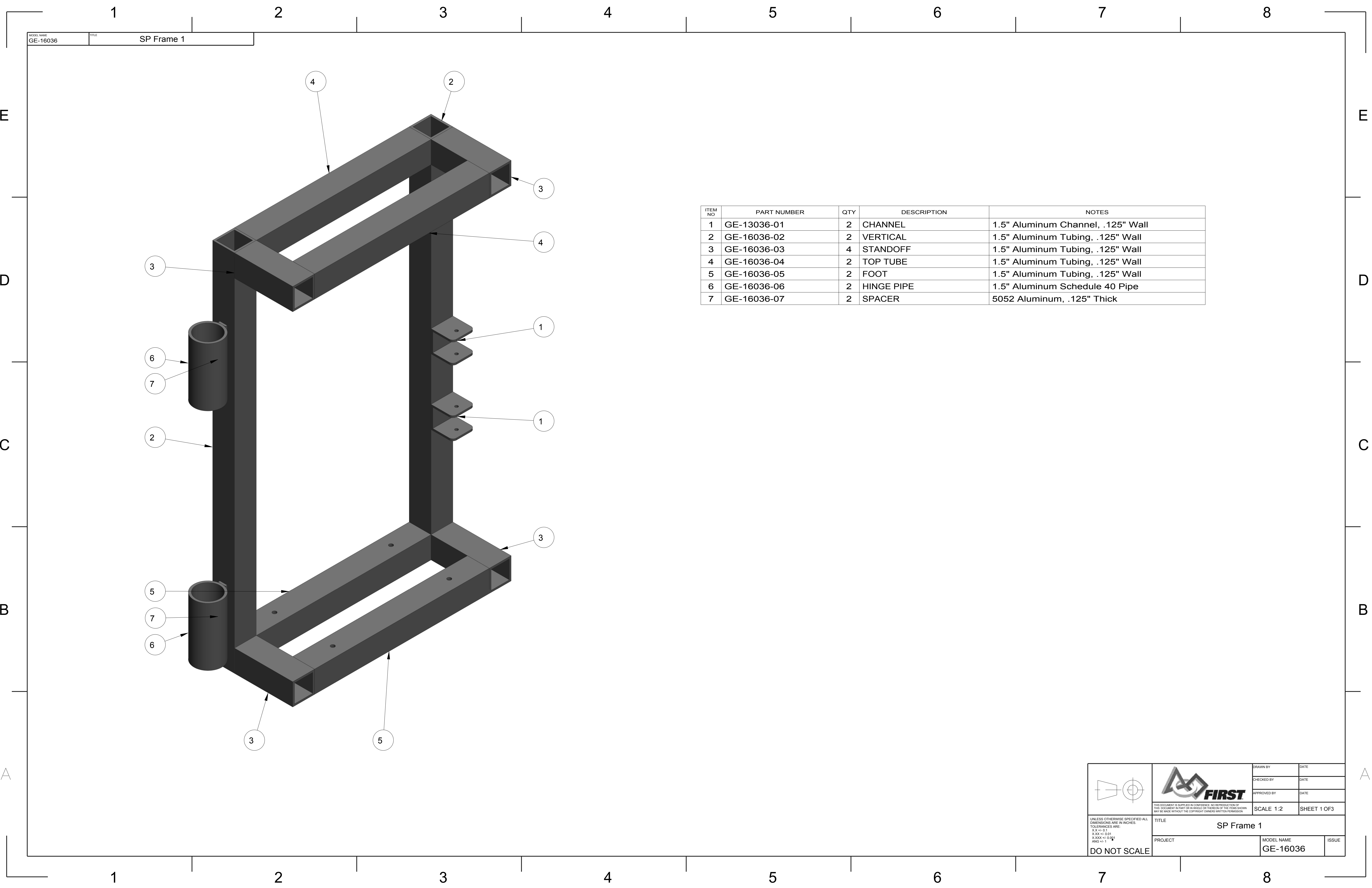
Secure GE-16032 the using 10-24
Hardware

NOTE: Using Cable Ties, secure the protective / decorative
polycarbonate sheets to the Sally Port Side Frames

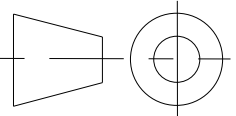
DETAIL A
SCALE 1:2


Place GE-16038 into place, and drive GE-16154 through the center of the Conveyor Bearings.
Be sure that the door swing freely after assembly. Attach GE-16032 using 10-24 Hardware,
similar to the step above

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		APPROVED BY	DATE
		SCALE 3:8	SHEET 4 OF 4
TITLE Sally Port Assembly			
PROJECT		MODEL NAME GE-16035	ISSUE



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-13036-01	2	CHANNEL	1.5" Aluminum Channel, .125" Wall
2	GE-16036-02	2	VERTICAL	1.5" Aluminum Tubing, .125" Wall
3	GE-16036-03	4	STANDOFF	1.5" Aluminum Tubing, .125" Wall
4	GE-16036-04	2	TOP TUBE	1.5" Aluminum Tubing, .125" Wall
5	GE-16036-05	2	FOOT	1.5" Aluminum Tubing, .125" Wall
6	GE-16036-06	2	HINGE PIPE	1.5" Aluminum Schedule 40 Pipe
7	GE-16036-07	2	SPACER	5052 Aluminum, .125" Thick





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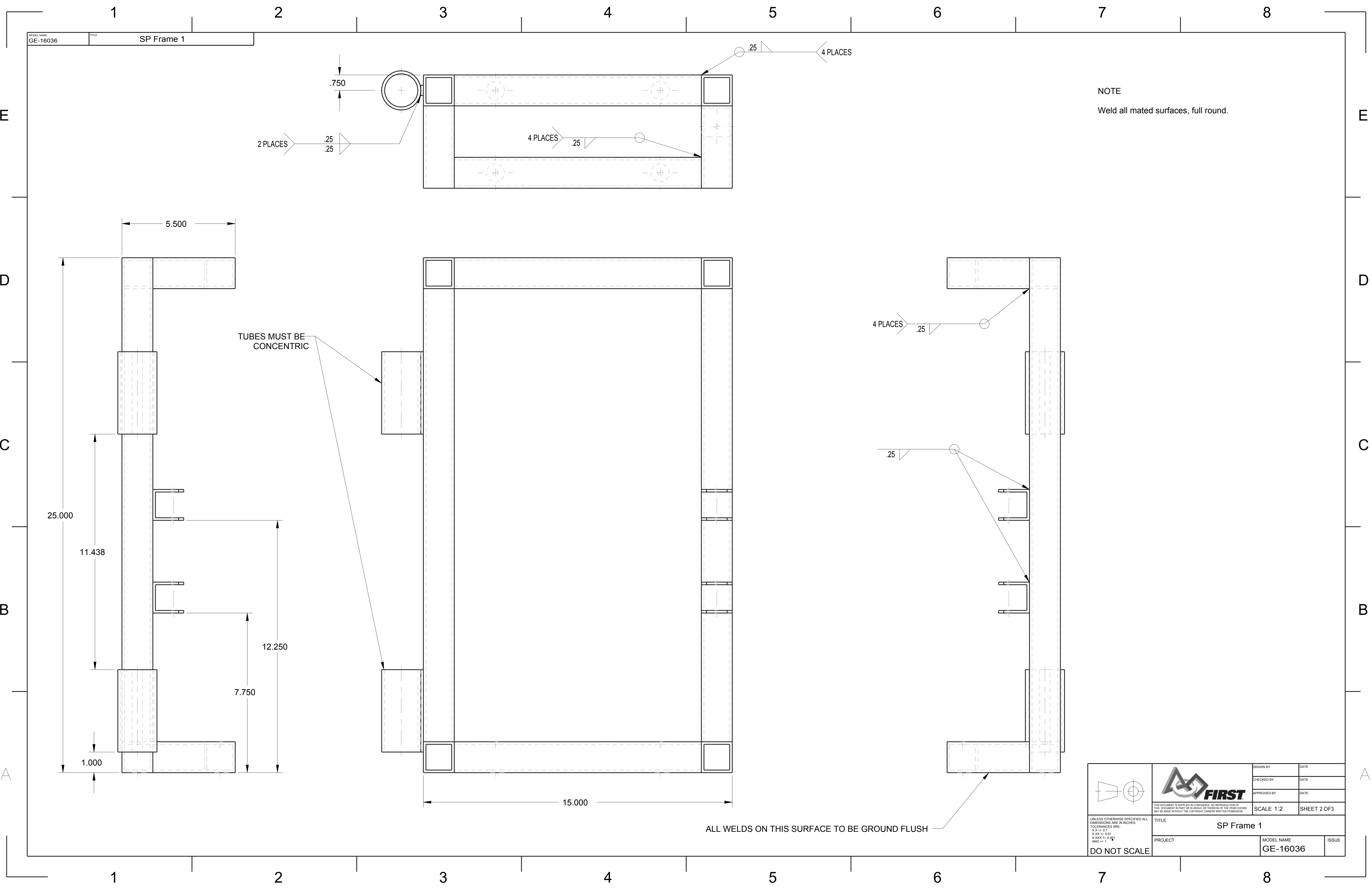
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X.XXX +/- 0.01
ANG +/- 1


DO NOT SCALE

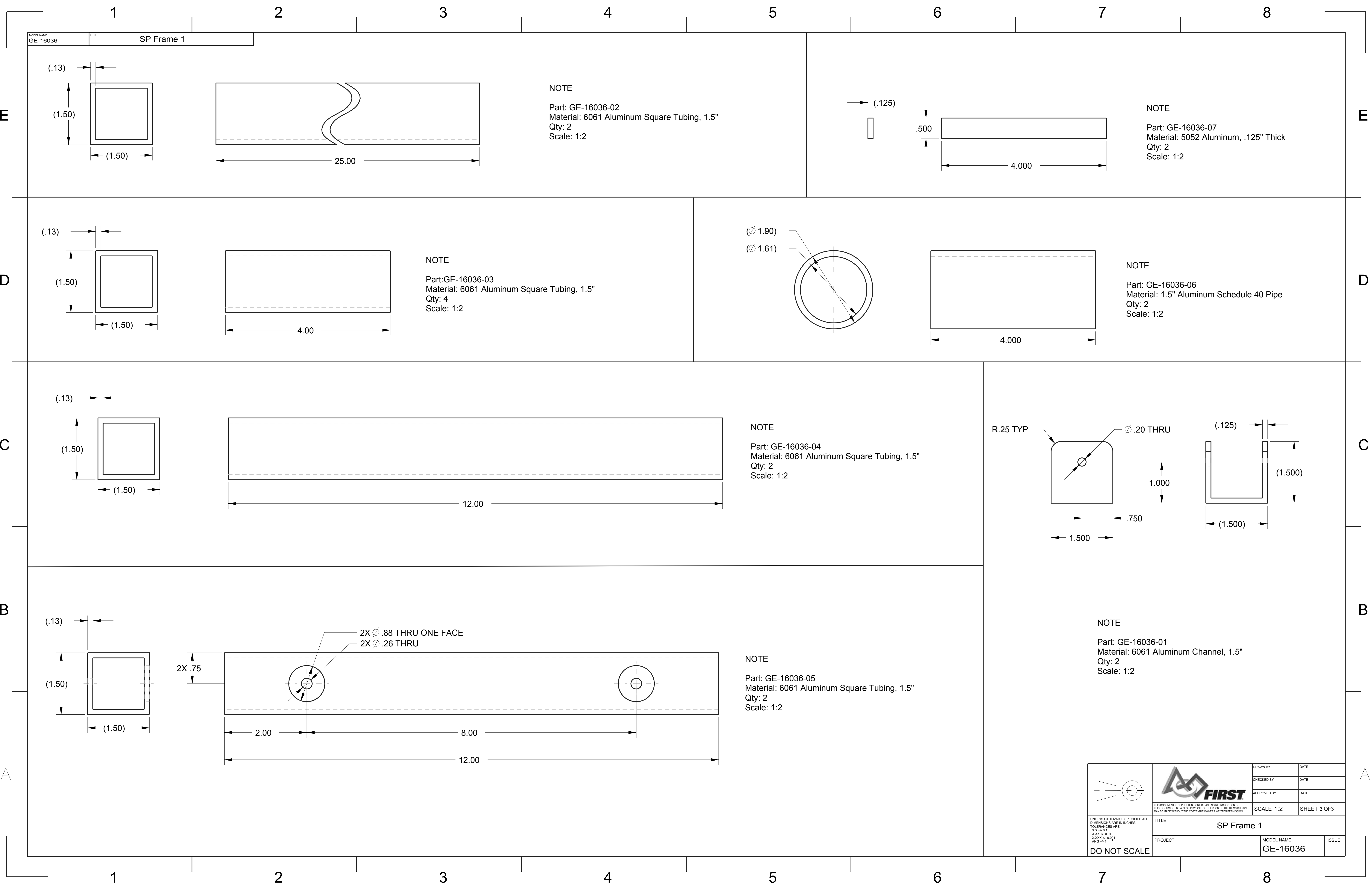
TITLE SP Frame 1		
PROJECT	MODEL NAME GE-16036	ISSUE

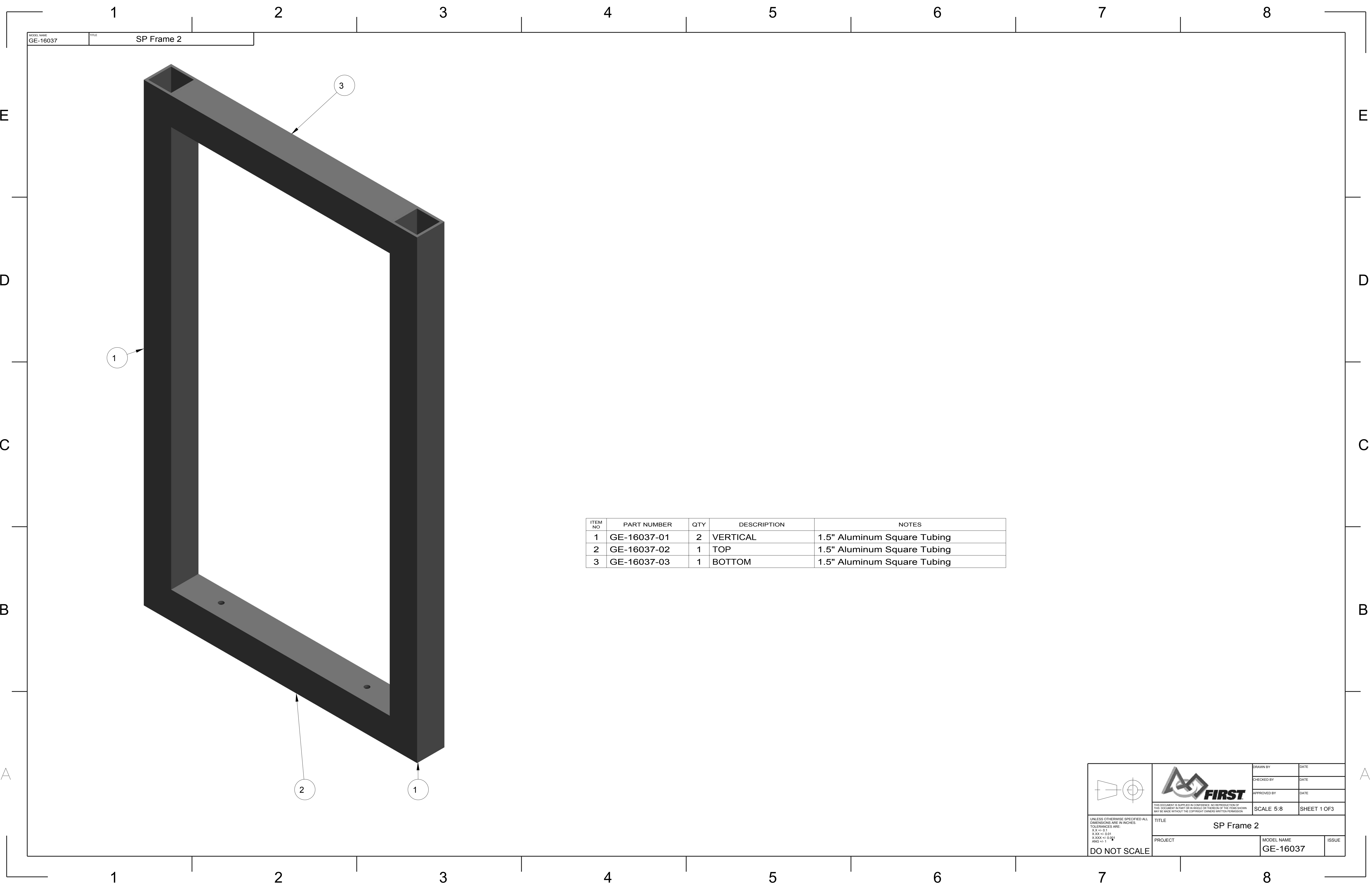
SCALE 1:2

SHEET 1 OF 3



	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:2 SHEET 2 OF 3	
TITLE SP Frame 1		
PROJECT		MODEL NAME GE-16036
DO NOT SCALE		ISSUE





ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16037-01	2	VERTICAL	1.5" Aluminum Square Tubing
2	GE-16037-02	1	TOP	1.5" Aluminum Square Tubing
3	GE-16037-03	1	BOTTOM	1.5" Aluminum Square Tubing

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X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1

DO NOT SCALE

TITLE
SP Frame 2

PROJECT

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APPROVED BY

DATE

DATE

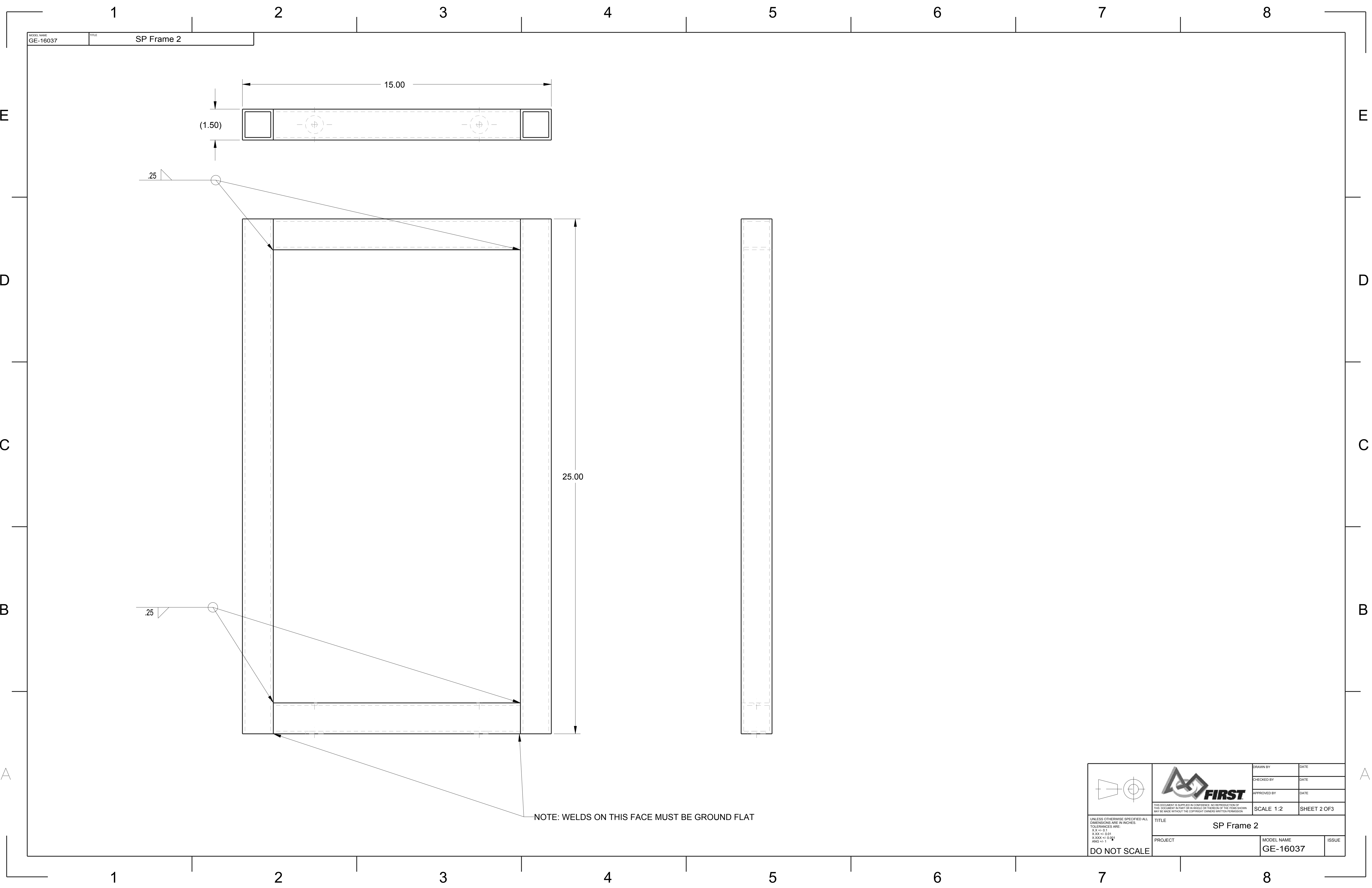
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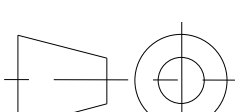

SCALE 5:8

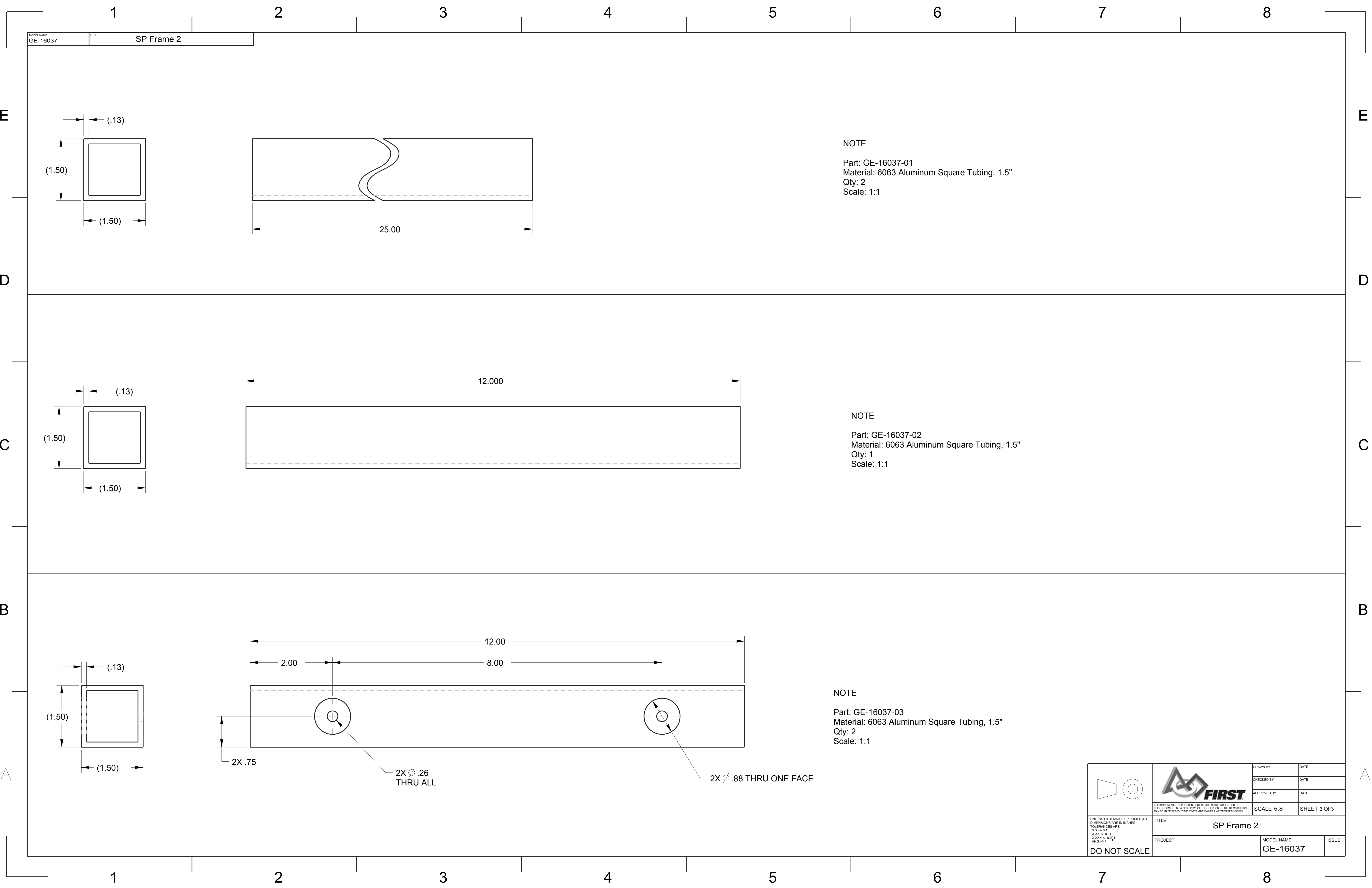
SHEET 1 OF 3



MODEL NAME
GE-16037

ISSUE



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		APPROVED BY	DATE
		SCALE 1:2	
TITLE SP Frame 2			
PROJECT		MODEL NAME GE-16037	ISSUE



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		APPROVED BY	DATE
		SCALE 5:8	SHEET 3 OF 3
TITLE SP Frame 2			
PROJECT		MODEL NAME GE-16037	ISSUE




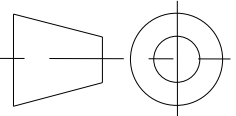
MODEL NAME	TITLE
GE-16038	Sally Port Door Assembly

REV	LOCATION	DESCRIPTION	APPROVED	DATE
A	A-1	Changed Item #9 to 2.25" Long	NJS	2/29/2016

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16033	4	conveyor roller bearing	McMaster-Carr PN-60565K19
2	GE-16034	1	SALLY PORT DOOR FRAME	See Drawing
3	GE-16044	2	sally port door plastic	See Drawing
4	HW-00087	8	nut, nylock 1/4-20	Hardware
5	HW-00088	16	1/4"-20 Washer	Hardware
6	HW-00090	4	washer, #10	Hardware
7	HW-00091	2	pan head, #10-24 x 2"	Hardware
8	HW-00092	2	nut, nylock, #10-24	Hardware
9	HW-00118	8	1/4"-20 Machine Screw, 2.25" Long	Hardware







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X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1

DO NOT SCALE

TITLE

Sally Port Door Assembly

PROJECT

MODEL NAME

GE-16038

ISSUE

DRAWN BY

CHECKED BY

APPROVED BY

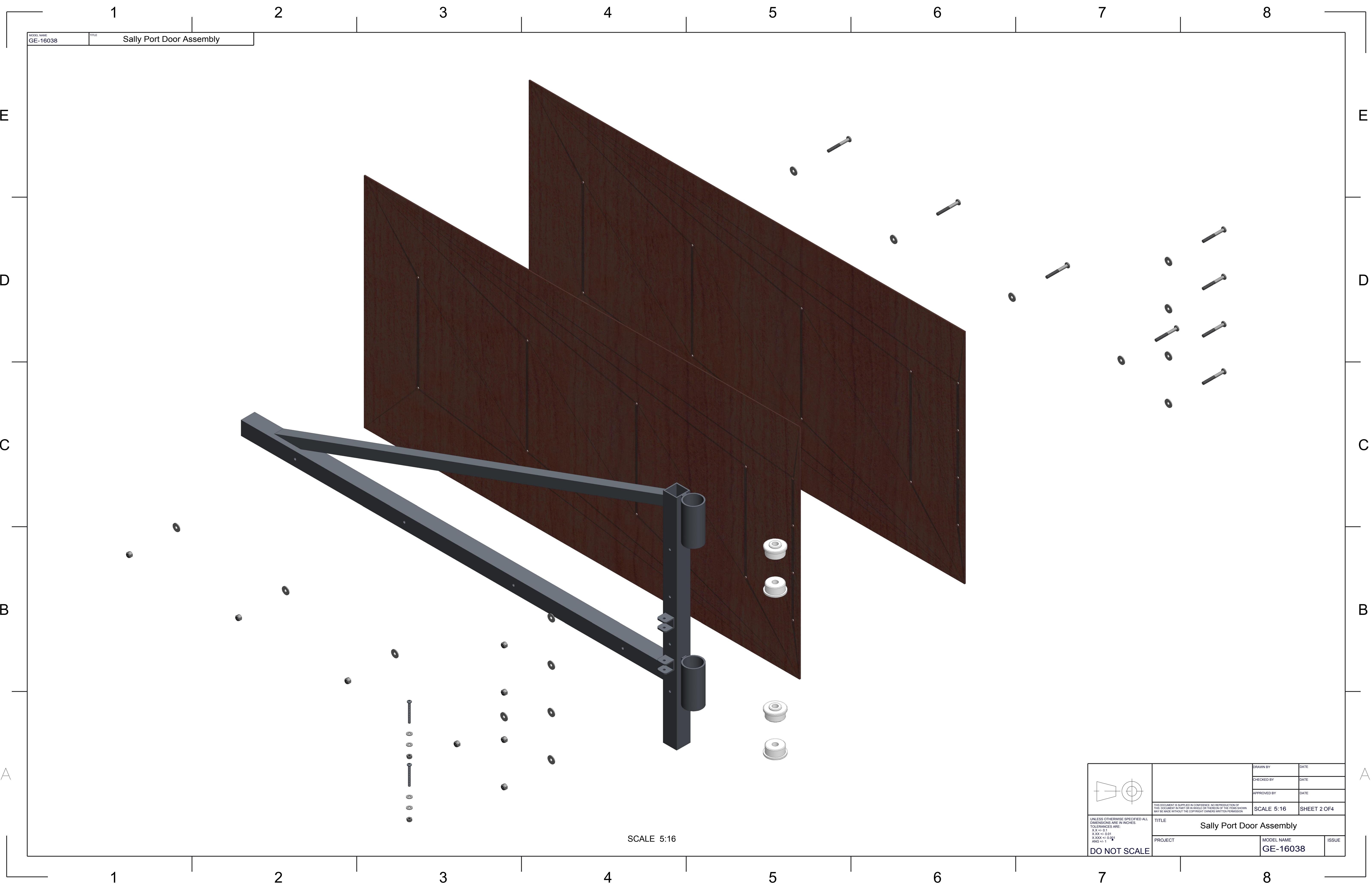
DATE

DATE

DATE

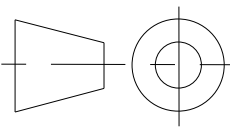
SCALE 7:16

SHEET 1 OF 4

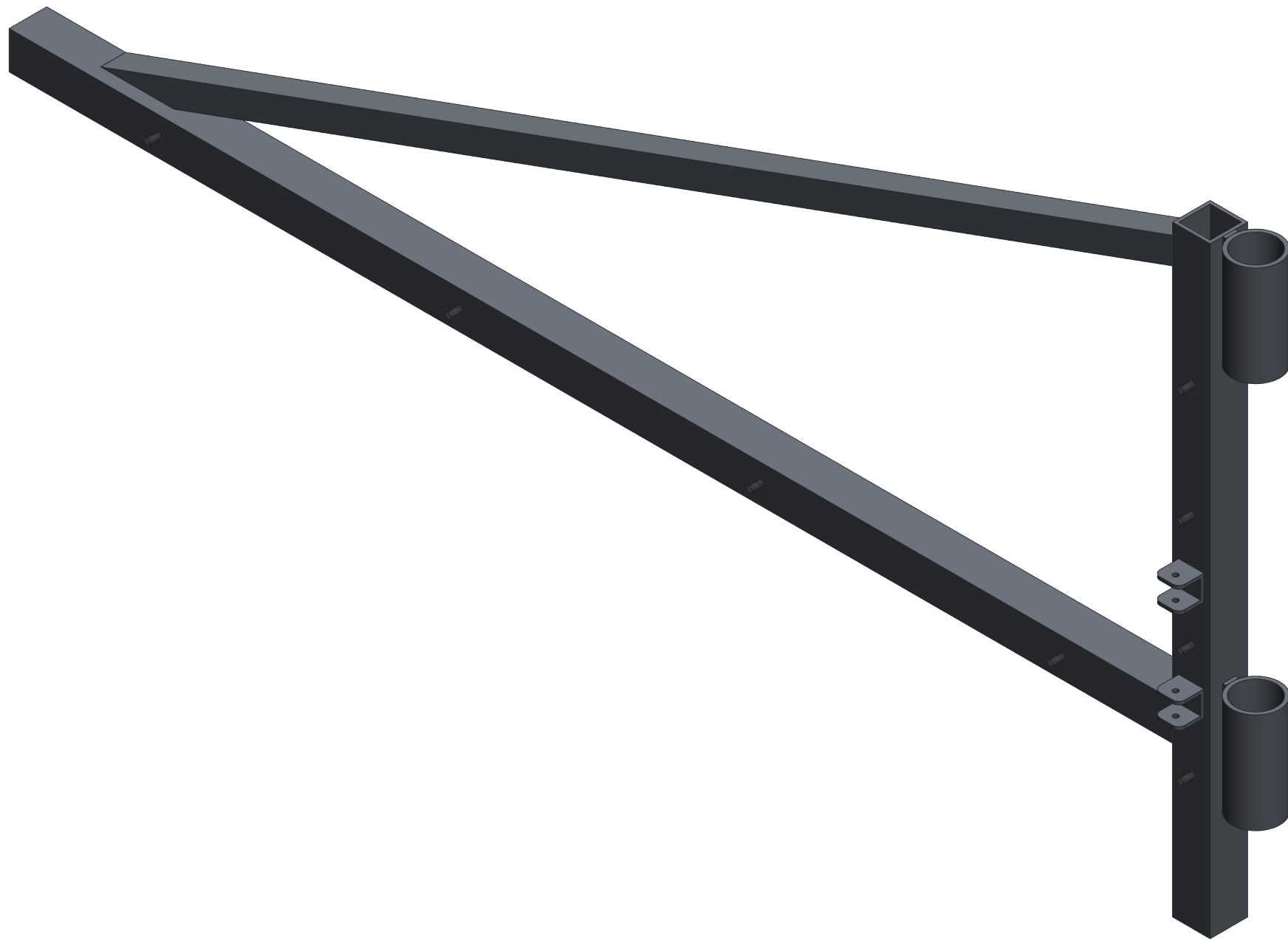


MODEL NAME
GE-16038

TITLE
Sally Port Door Assembly

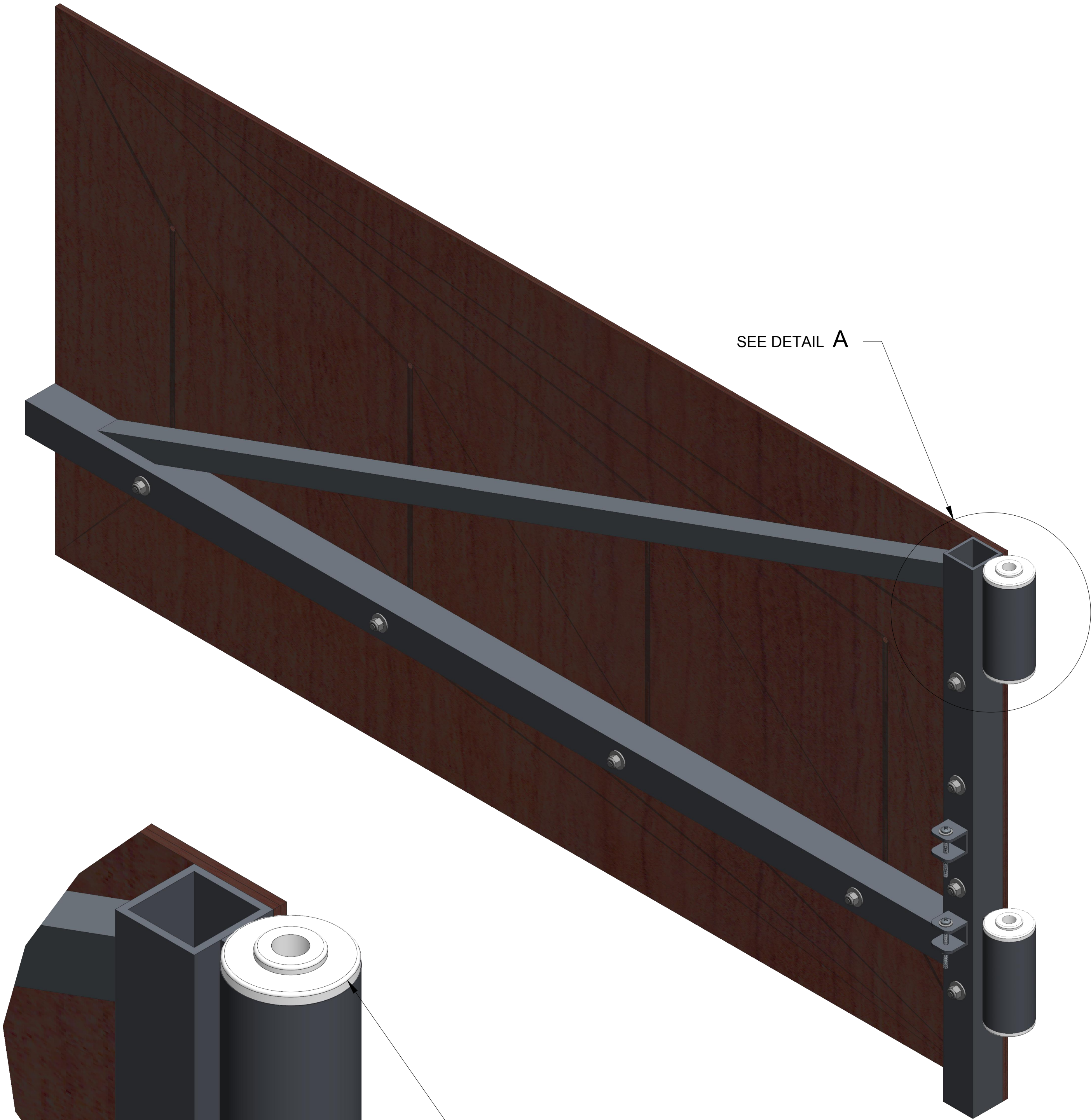
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TITLE		Sally Port Door Assembly	
PROJECT		MODEL NAME GE-16038	ISSUE

SCALE 5:16

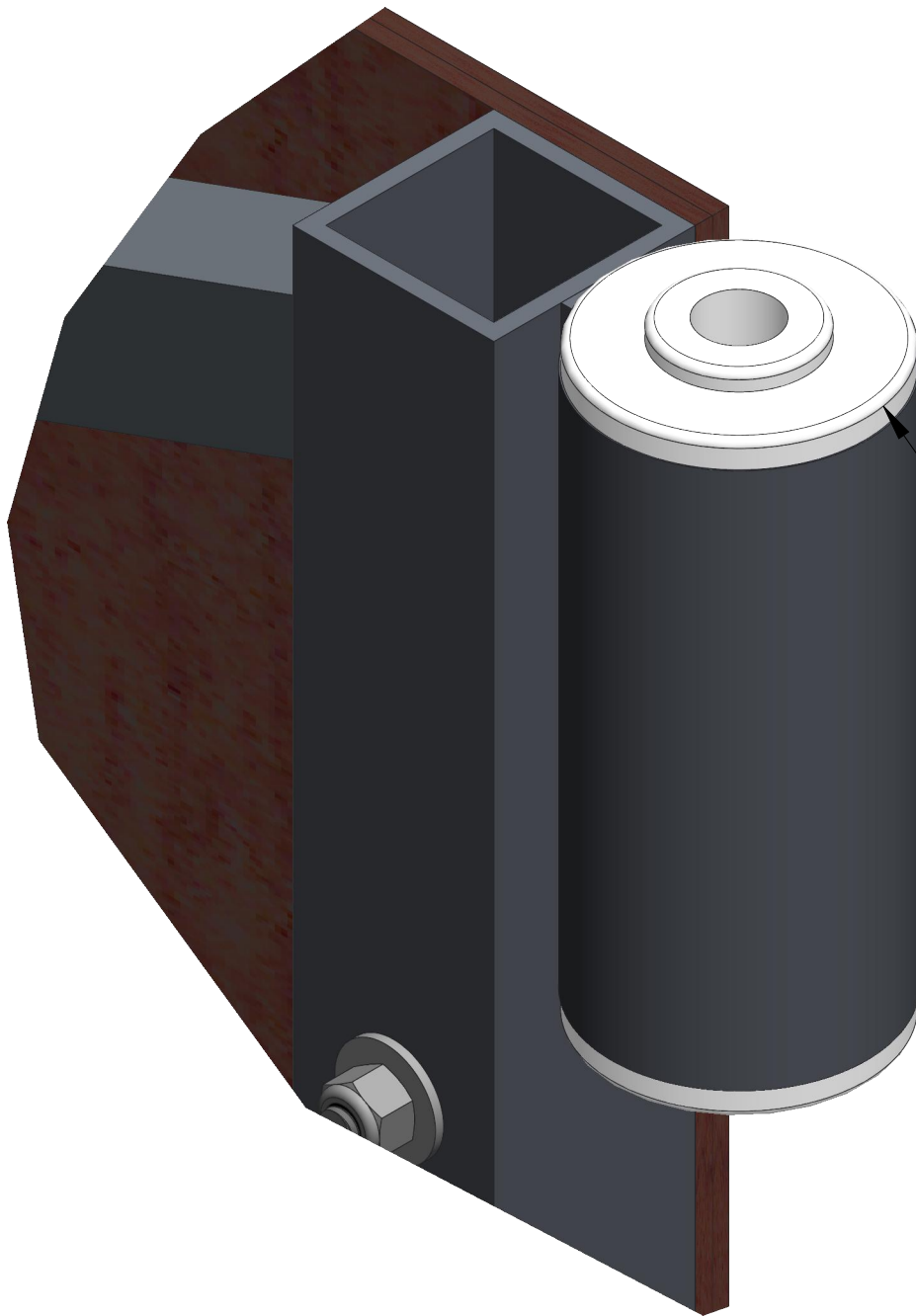


NOTE: Place two GE-16044 parts front to back, so that the printing is sandwiched between the clear portions of the polycarbonate, also making sure that the holes line up properly.



Secure those parts to the Door Frame with 1/4"-20 hardware called out in BOM.

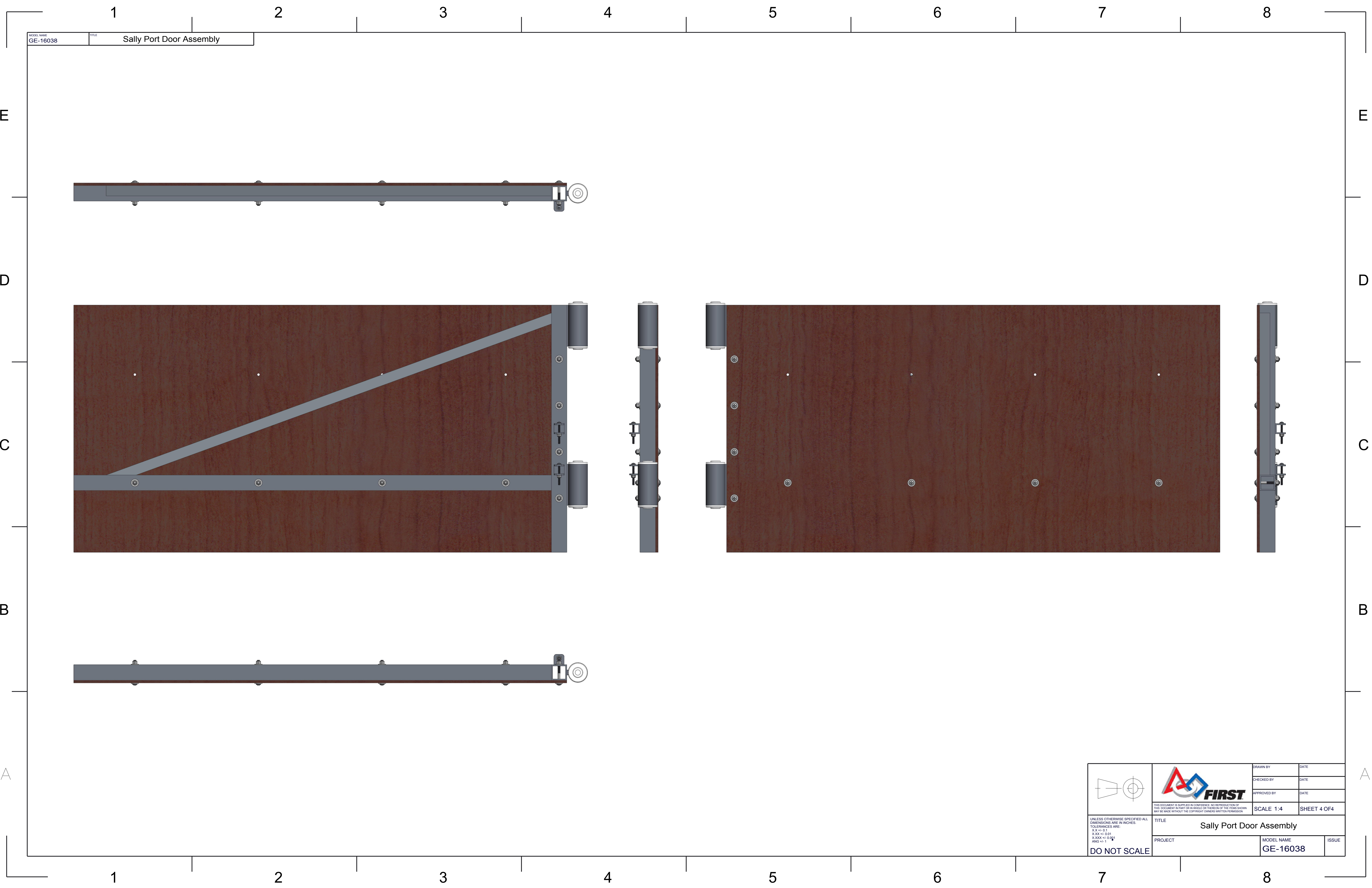


SEE DETAIL A



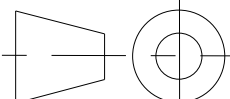

NOTE: Add Acetal Conveyor Bearings to the hinge. They are a tight fit, so persuasion may be necessary. 4 Places

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		APPROVED BY	DATE
		SCALE 1:4	SHEET 3 OF 4
TITLE Sally Port Door Assembly			
PROJECT	MODEL NAME GE-16038		ISSUE



MODEL NAME
GE-16038

TITLE
Sally Port Door Assembly

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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:4	
TITLE Sally Port Door Assembly			
PROJECT		MODEL NAME GE-16038	ISSUE

D

C

B

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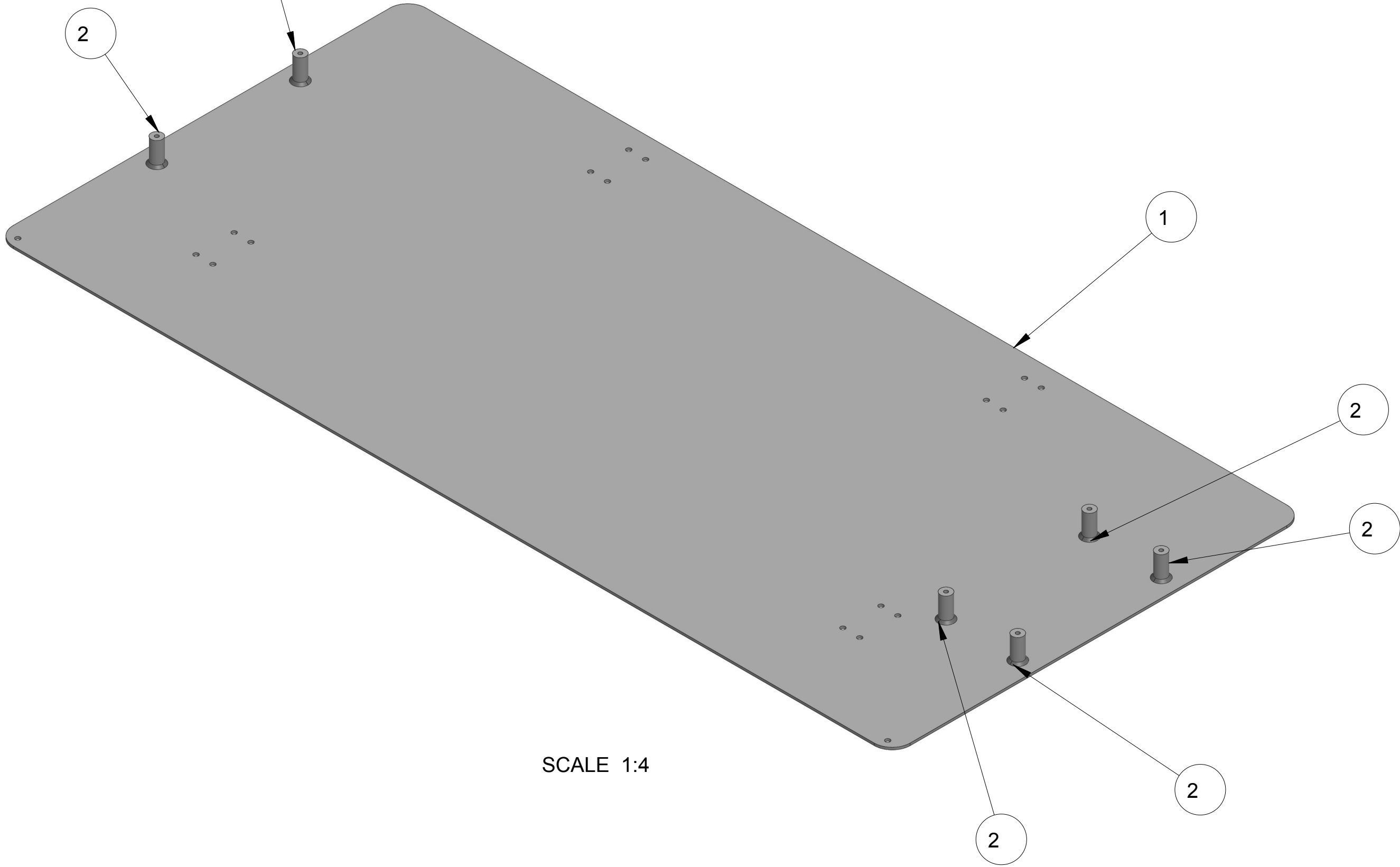
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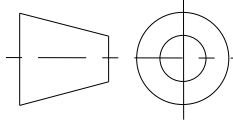

B

A

MODEL NAME	TITLE
GE-16039	Base Weldment



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16016	1	base	See Drawing for Base
2	GE-16039-01	6	standoff	.625" Diameter Steel Rod

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	TITLE	APPROVED BY	DATE
	Base Weldment		SCALE 17:192
PROJECT		MODEL NAME	ISSUE
		GE-16039	

D

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B

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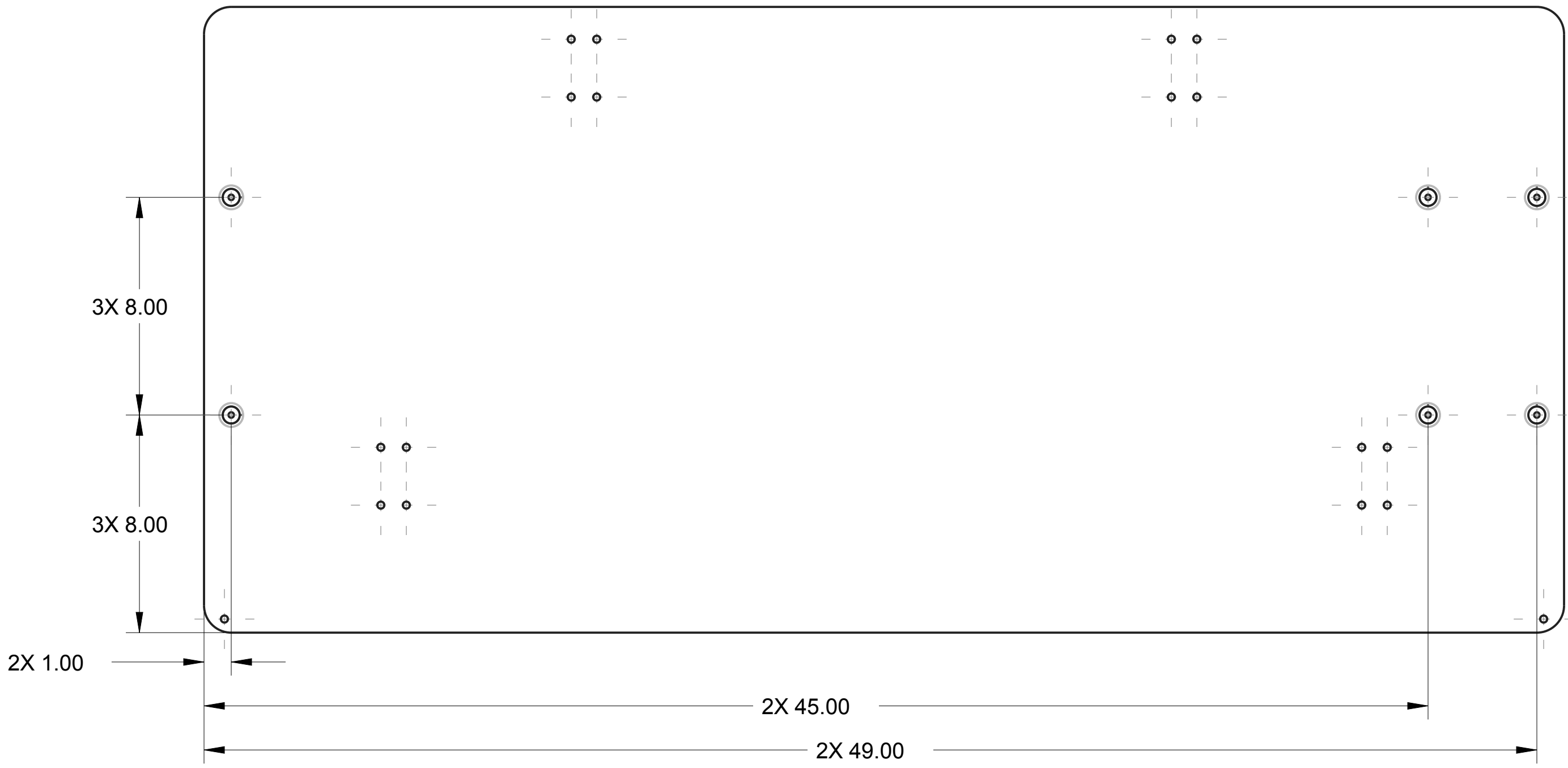
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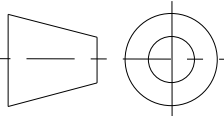

C

B

A

MODEL NAME	TITLE
GE-16039	Base Weldment 1



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		APPROVED BY	DATE
		SCALE 1:4	SHEET 2 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1	TITLE <div>Base Weldment 1</div>		
	PROJECT	MODEL NAME GE-16039	ISSUE
	DO NOT SCALE		

D

C

B

A

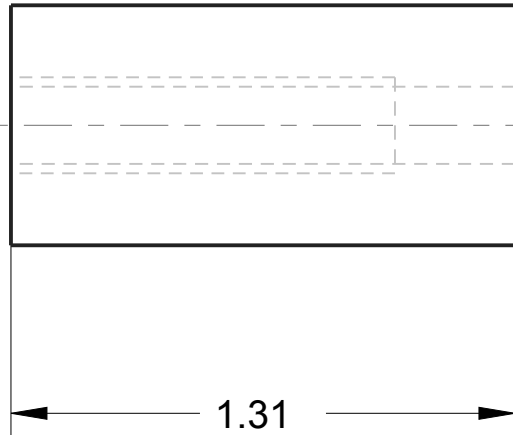
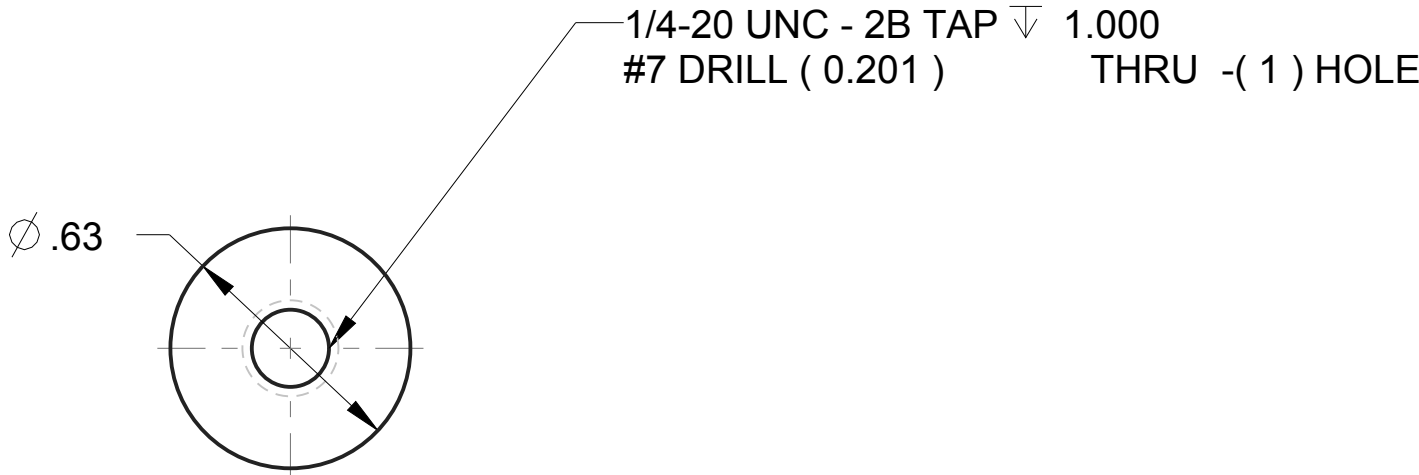
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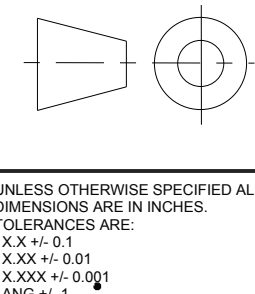
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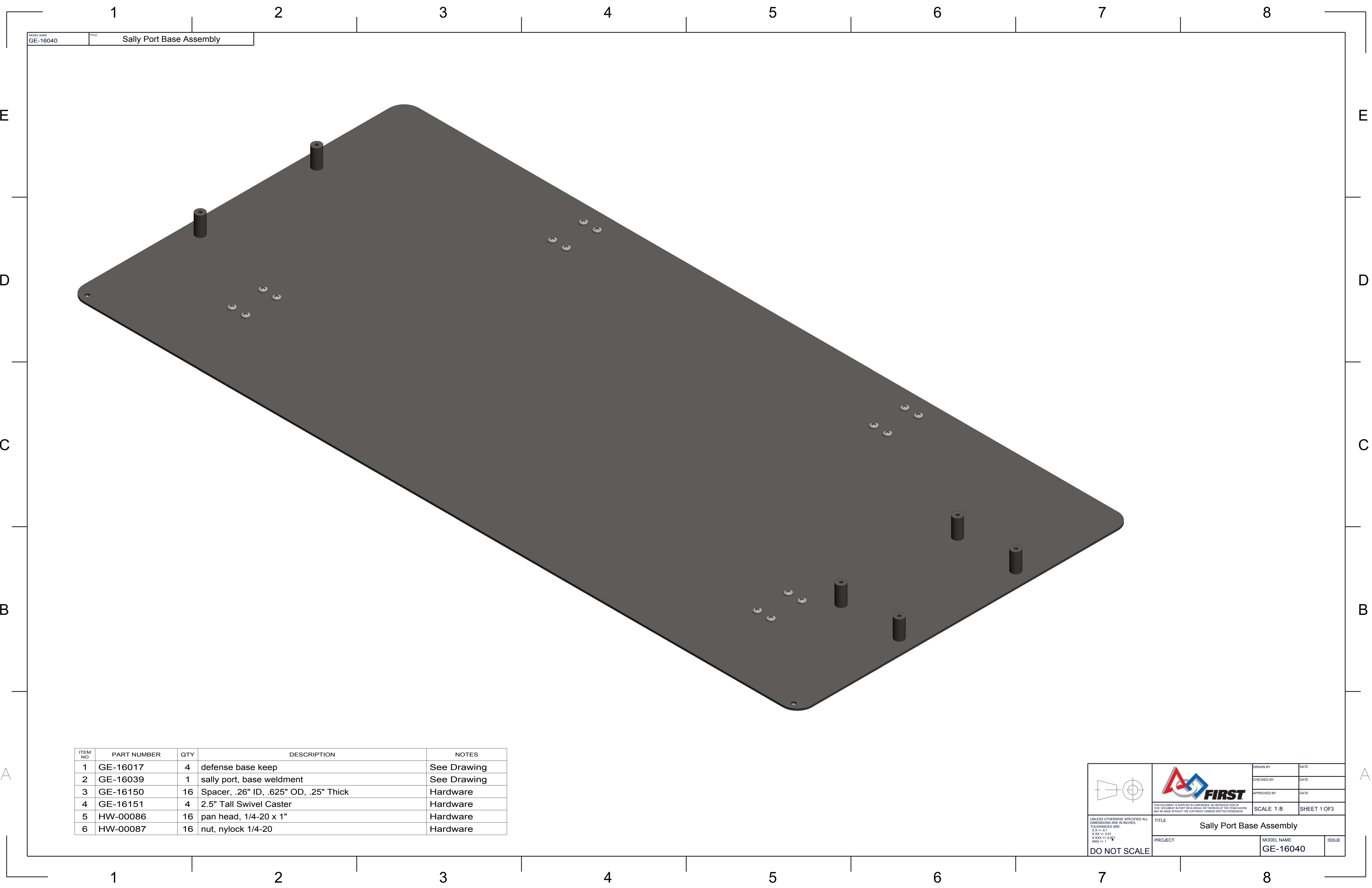
A

MODEL NAME	TITLE
GE-16039	Base Weldment 1



NOTE
Part: STANDOFF
Material: .625" Steel Round Bar
Qty: 6
Scale: 2:1

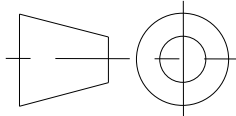
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	APPROVED BY		DATE
	SCALE 17:192		SHEET 3 OF3
	TITLE Base Weldment 1		
	PROJECT		MODEL NAME GE-16039
			ISSUE



MODEL NAME
GE-16040


TITLE
Sally Port Base Assembly

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16017	4	defense base keep	See Drawing
2	GE-16039	1	sally port, base weldment	See Drawing
3	GE-16150	16	Spacer, .26" ID, .625" OD, .25" Thick	Hardware
4	GE-16151	4	2.5" Tall Swivel Caster	Hardware
5	HW-00086	16	pan head, 1/4-20 x 1"	Hardware
6	HW-00087	16	nut, nylock 1/4-20	Hardware



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X.XXX +/- 0.01
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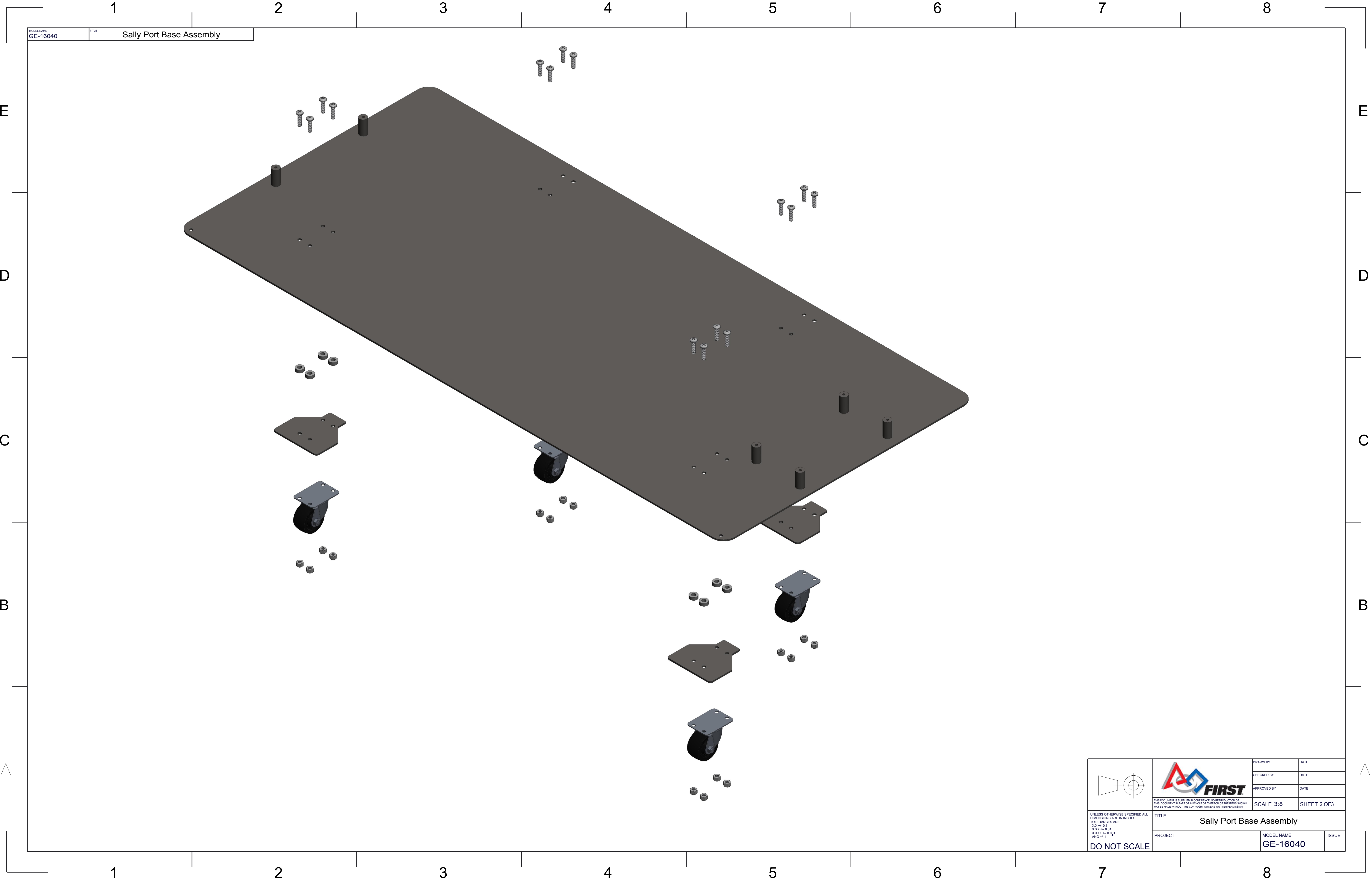


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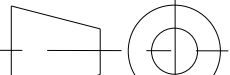

TITLE
Sally Port Base Assembly

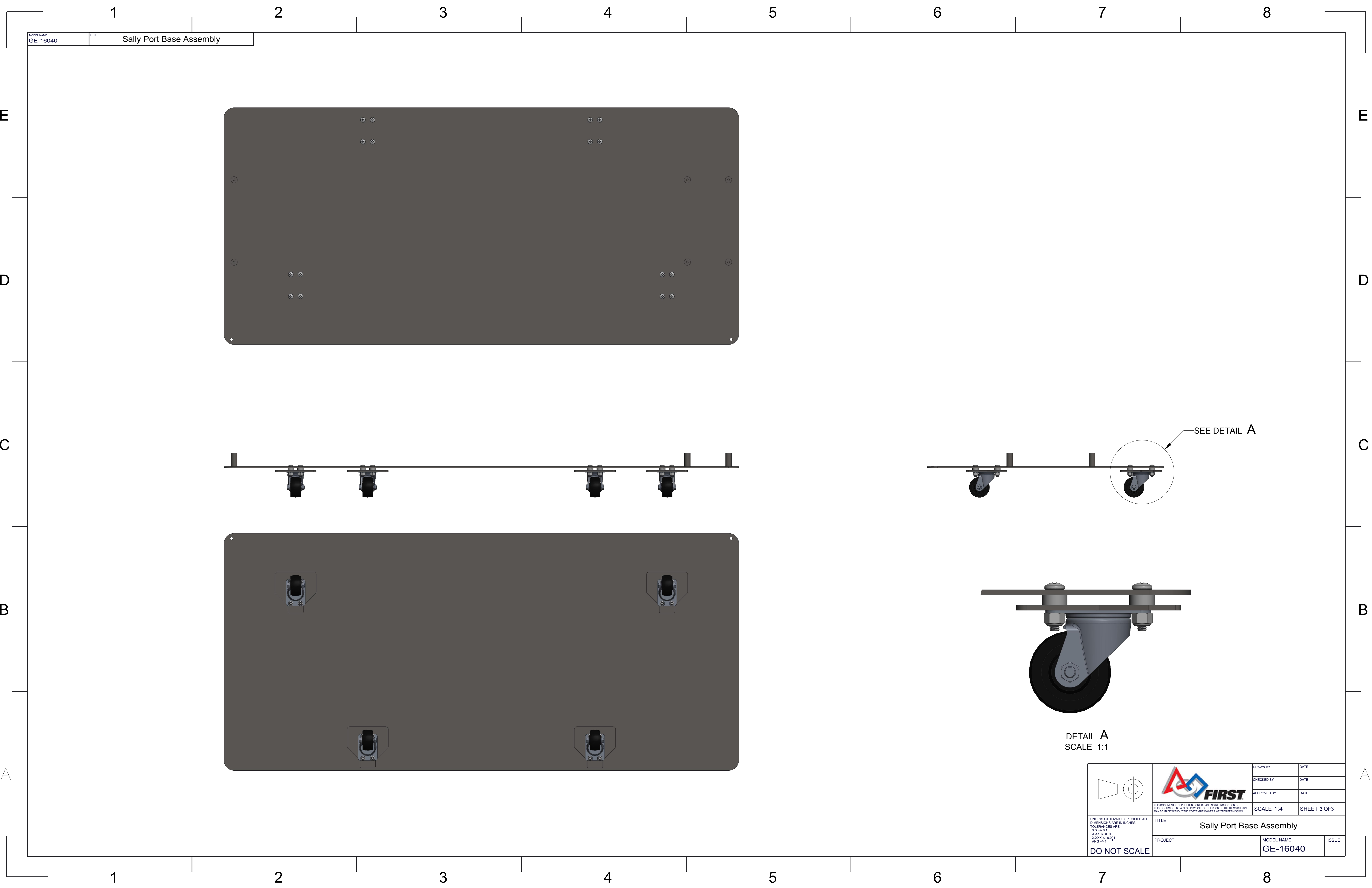
PROJECT

DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:8	SHEET 1 OF 3
MODEL NAME GE-16040	ISSUE

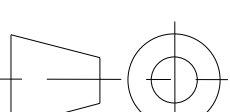



MODEL NAME	TITLE
GE-16040	Sally Port Base Assembly

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		APPROVED BY	DATE	
		SCALE 3:8		SHEET 2 OF 3
TITLE Sally Port Base Assembly				
PROJECT		MODEL NAME	ISSUE	
		GE-16040		



DETAIL A
SCALE 1:1

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		APPROVED BY	DATE
		SCALE 1:4	
TITLE <h2>Sally Port Base Assembly</h2>			
PROJECT		MODEL NAME GE-16040	ISSUE
DO NOT SCALE			

MODEL NAME
GE-16044

TITLE

OWD_DOOR_3

(.13)

12X ~~Ø~~ .26 Thru

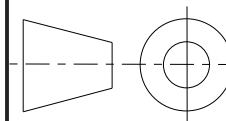
NOTE:

Material: clear polycarbonate, .125"Thick

Scale: 1:8

QTY: 1

Print to look like wood



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DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
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X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

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TITLE

OWD_DOOR_3

PROJECT

DRAWN BY

DATE

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DATE

APPROVED BY

DATE

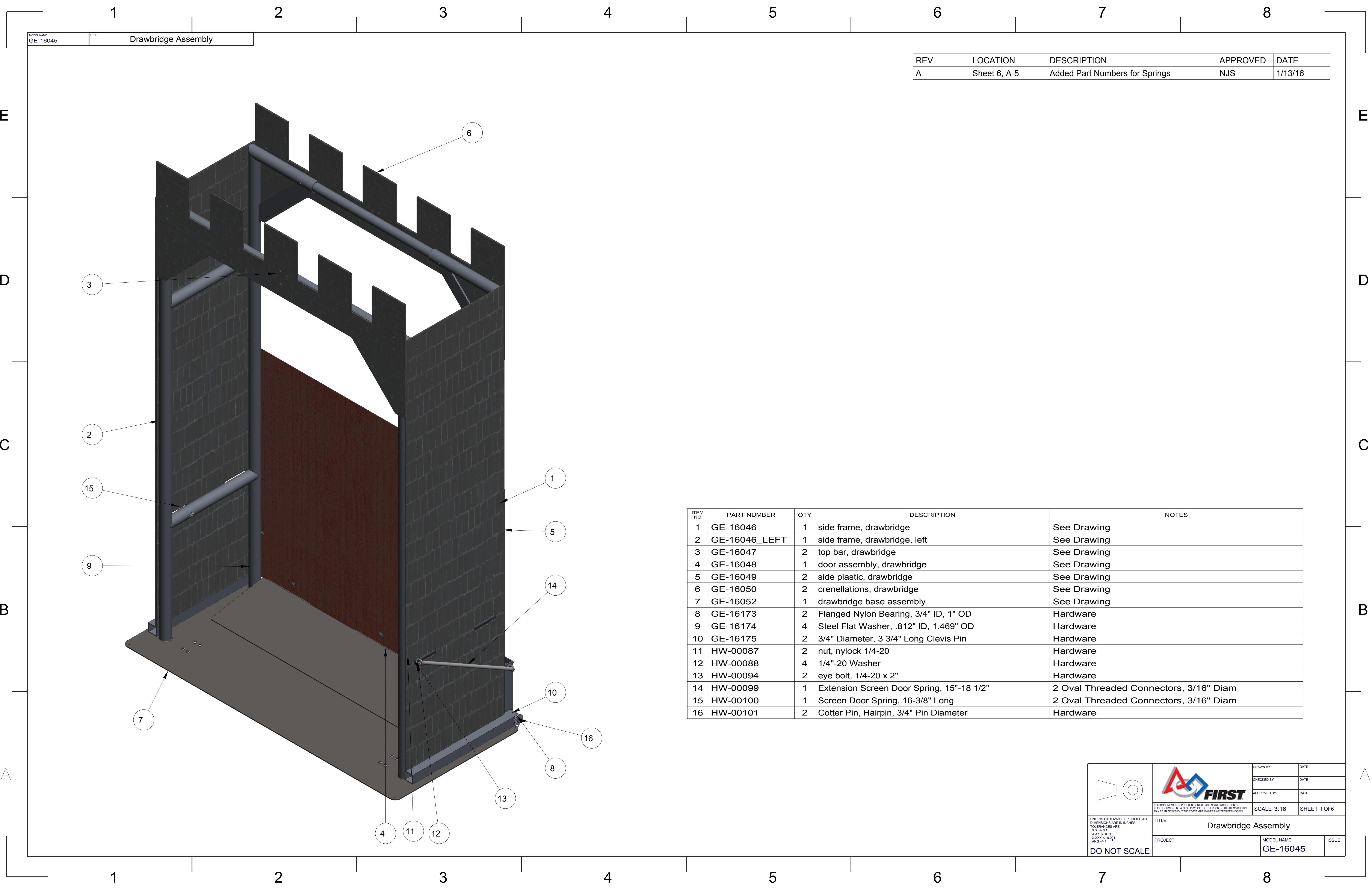
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SHEET 1 OF 1

MODEL NAME

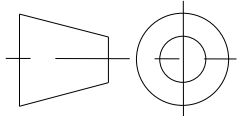
GE-16044

ISSUE




REV	LOCATION	DESCRIPTION	APPROVED	DATE
A	Sheet 6, A-5	Added Part Numbers for Springs	NJS	1/13/16

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16046	1	side frame, drawbridge	See Drawing
2	GE-16046_LEFT	1	side frame, drawbridge, left	See Drawing
3	GE-16047	2	top bar, drawbridge	See Drawing
4	GE-16048	1	door assembly, drawbridge	See Drawing
5	GE-16049	2	side plastic, drawbridge	See Drawing
6	GE-16050	2	crenellations, drawbridge	See Drawing
7	GE-16052	1	drawbridge base assembly	See Drawing
8	GE-16173	2	Flanged Nylon Bearing, 3/4" ID, 1" OD	Hardware
9	GE-16174	4	Steel Flat Washer, .812" ID, 1.469" OD	Hardware
10	GE-16175	2	3/4" Diameter, 3 3/4" Long Clevis Pin	Hardware
11	HW-00087	2	nut, nylock 1/4-20	Hardware
12	HW-00088	4	1/4"-20 Washer	Hardware
13	HW-00094	2	eye bolt, 1/4-20 x 2"	Hardware
14	HW-00099	1	Extension Screen Door Spring, 15"-18 1/2"	2 Oval Threaded Connectors, 3/16" Diam
15	HW-00100	1	Screen Door Spring, 16-3/8" Long	2 Oval Threaded Connectors, 3/16" Diam
16	HW-00101	2	Cotter Pin, Hairpin, 3/4" Pin Diameter	Hardware



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X.XX +/- 0.1
X.XXX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1

DO NOT SCALE

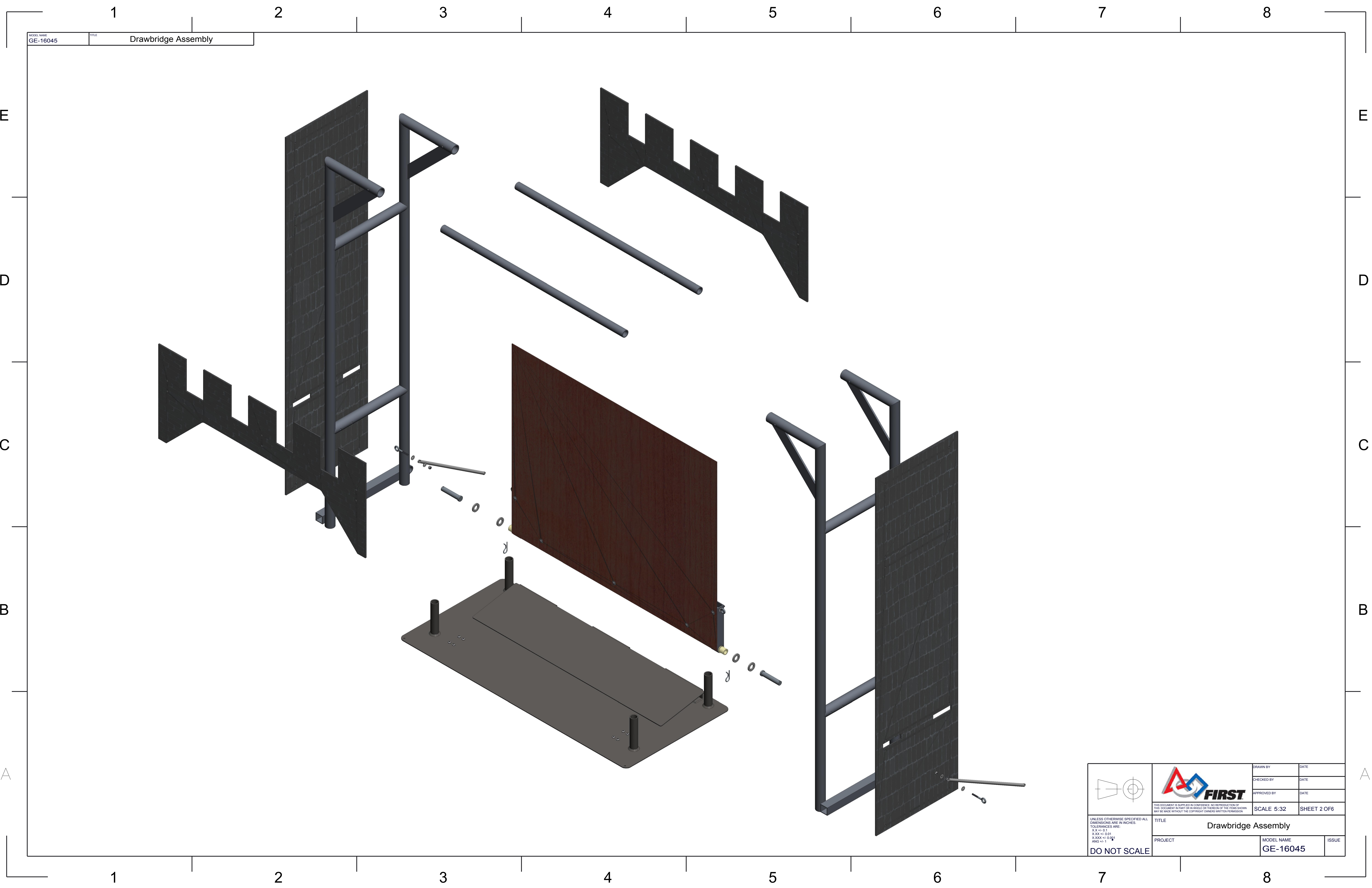


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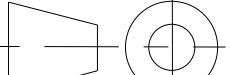

TITLE
Drawbridge Assembly

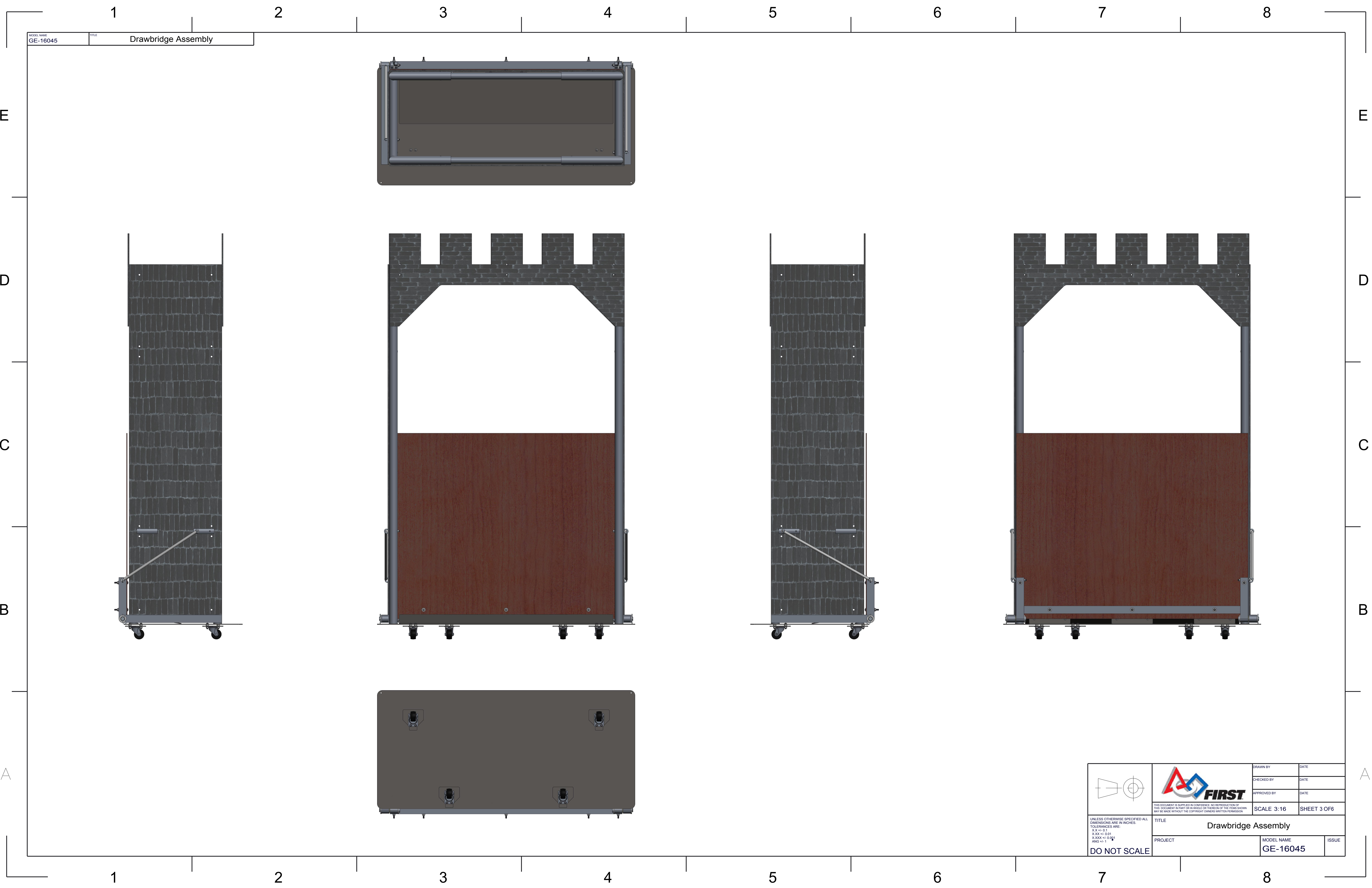
PROJECT

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APPROVED BY	DATE
SCALE 3:16	SHEET 1 OF 6
MODEL NAME GE-16045	ISSUE



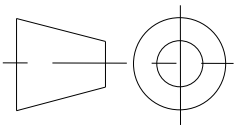

MODEL NAME	TITLE
GE-16045	Drawbridge Assembly

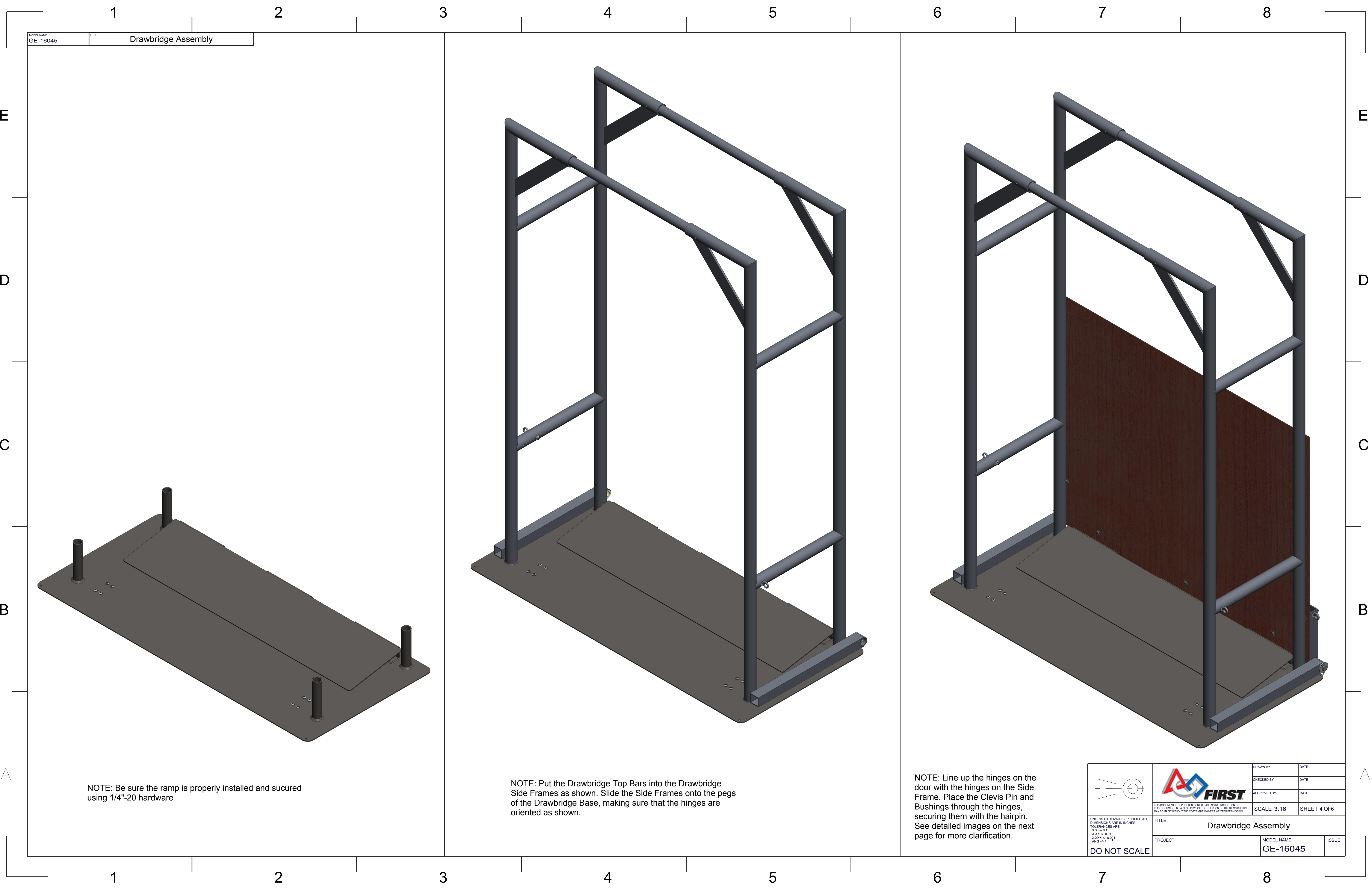
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			CHECKED BY	DATE	
			APPROVED BY	DATE	
			SCALE 5:32		SHEET 2 OF 6
TITLE Drawbridge Assembly					
PROJECT			MODEL NAME GE-16045	ISSUE	



MODEL NAME
GE-16045

TITLE
Drawbridge Assembly


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		CHECKED BY	DATE
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TITLE Drawbridge Assembly		PROJECT	ISSUE
		MODEL NAME GE-16045	



NOTE: Be sure the ramp is properly installed and secured using 1/4"-20 hardware

NOTE: Put the Drawbridge Top Bars into the Drawbridge Side Frames as shown. Slide the Side Frames onto the pegs of the Drawbridge Base, making sure that the hinges are oriented as shown.

NOTE: Line up the hinges on the door with the hinges on the Side Frame. Place the Clevis Pin and Bushings through the hinges, securing them with the hairpin. See detailed images on the next page for more clarification.



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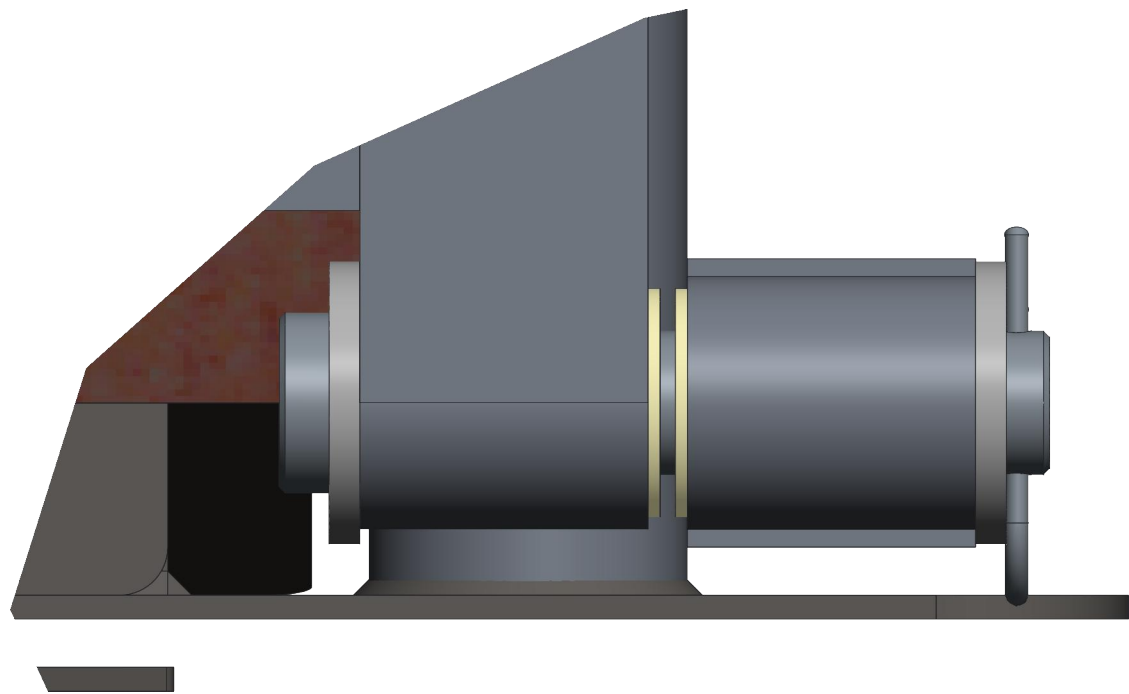
TITLE Drawbridge Assembly	
PROJECT	MODEL NAME GE-16045
ISSUE	

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DATE
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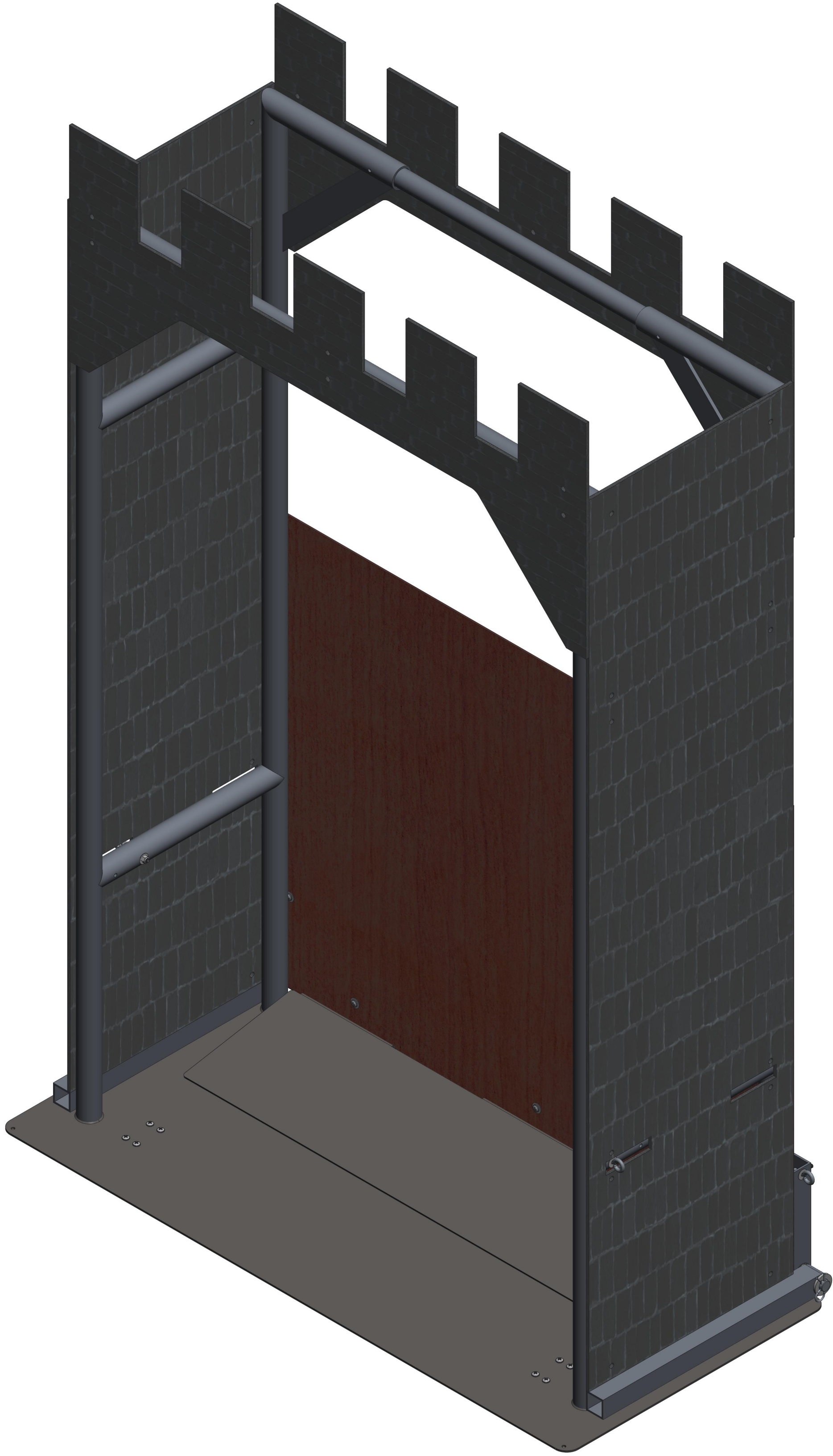
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SHEET 4 OF 6





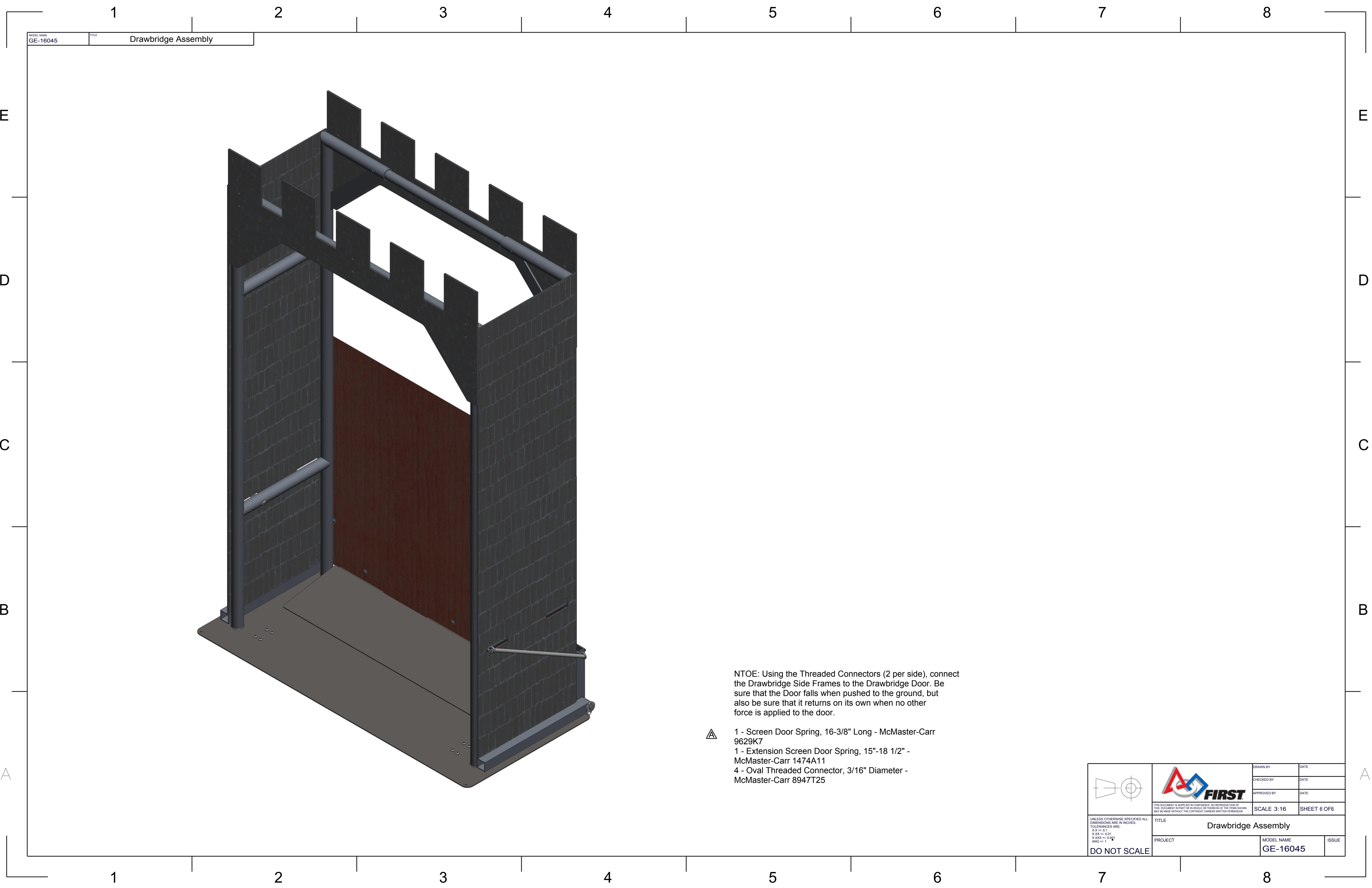
DETAIL A
SCALE 1:1

NOTE: The order in which the components are placed is shown in Detail A.



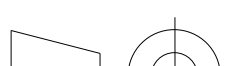

NOTE: Secure the decorate Polycarbonate with cable ties as shown.

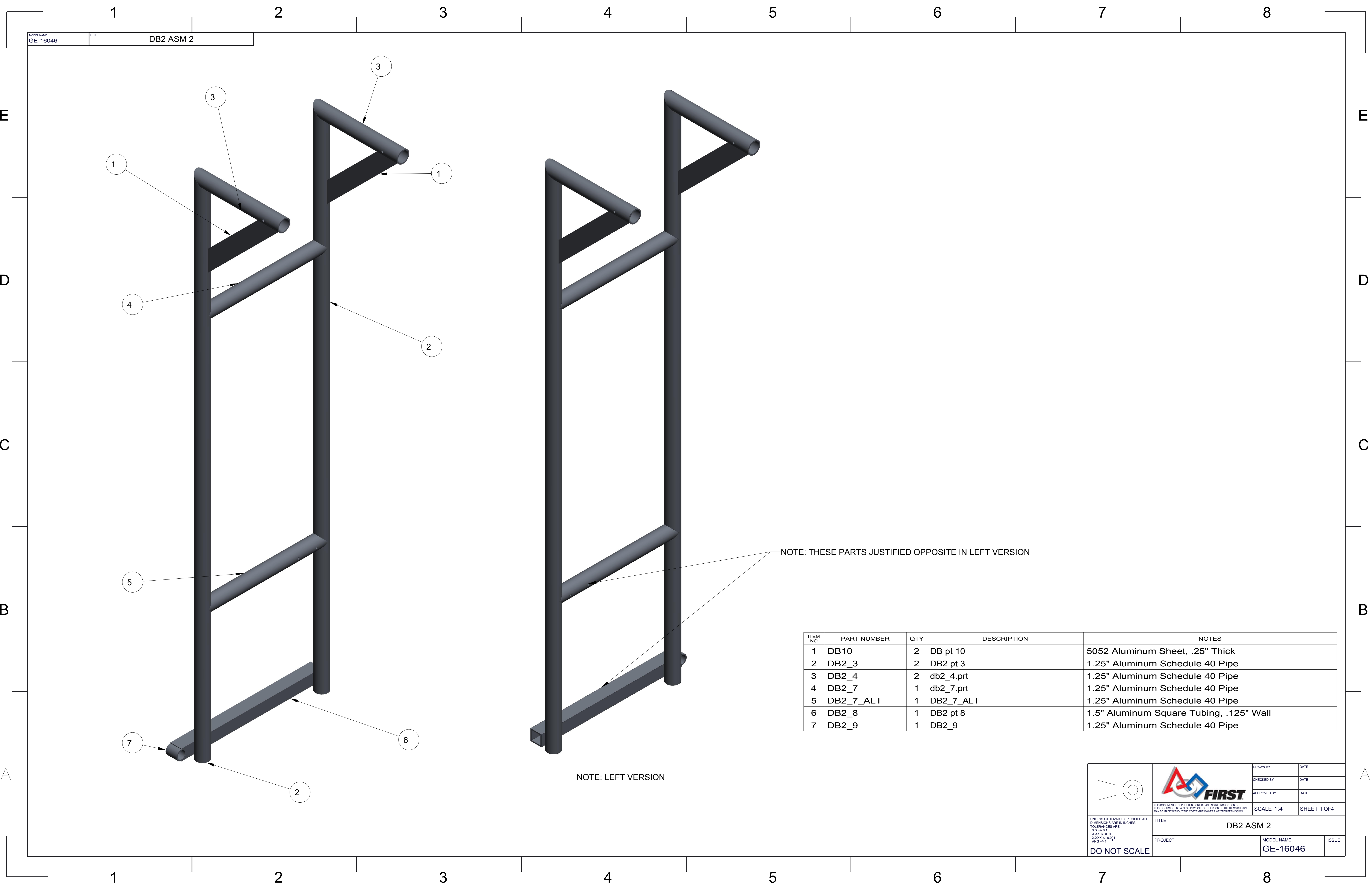
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		CHECKED BY	DATE
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		SCALE 3:16	SHEET 5 OF 6
TITLE Drawbridge Assembly			
PROJECT		MODEL NAME	ISSUE
DO NOT SCALE		GE-16045	



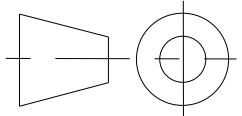
NTOE: Using the Threaded Connectors (2 per side), connect the Drawbridge Side Frames to the Drawbridge Door. Be sure that the Door falls when pushed to the ground, but also be sure that it returns on its own when no other force is applied to the door.

- 1 - Screen Door Spring, 16-3/8" Long - McMaster-Carr 9629K7
- 1 - Extension Screen Door Spring, 15"-18 1/2" - McMaster-Carr 1474A11
- 4 - Oval Threaded Connector, 3/16" Diameter - McMaster-Carr 8947T25

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DO NOT SCALE					
TITLE Drawbridge Assembly					
PROJECT		MODEL NAME GE-16045		ISSUE	




ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	DB10	2	DB pt 10	5052 Aluminum Sheet, .25" Thick
2	DB2_3	2	DB2 pt 3	1.25" Aluminum Schedule 40 Pipe
3	DB2_4	2	db2_4.prt	1.25" Aluminum Schedule 40 Pipe
4	DB2_7	1	db2_7.prt	1.25" Aluminum Schedule 40 Pipe
5	DB2_7_ALT	1	DB2_7_ALT	1.25" Aluminum Schedule 40 Pipe
6	DB2_8	1	DB2 pt 8	1.5" Aluminum Square Tubing, .125" Wall
7	DB2_9	1	DB2_9	1.25" Aluminum Schedule 40 Pipe



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XXX +/- 0.01
X.XXX +/- 0.001
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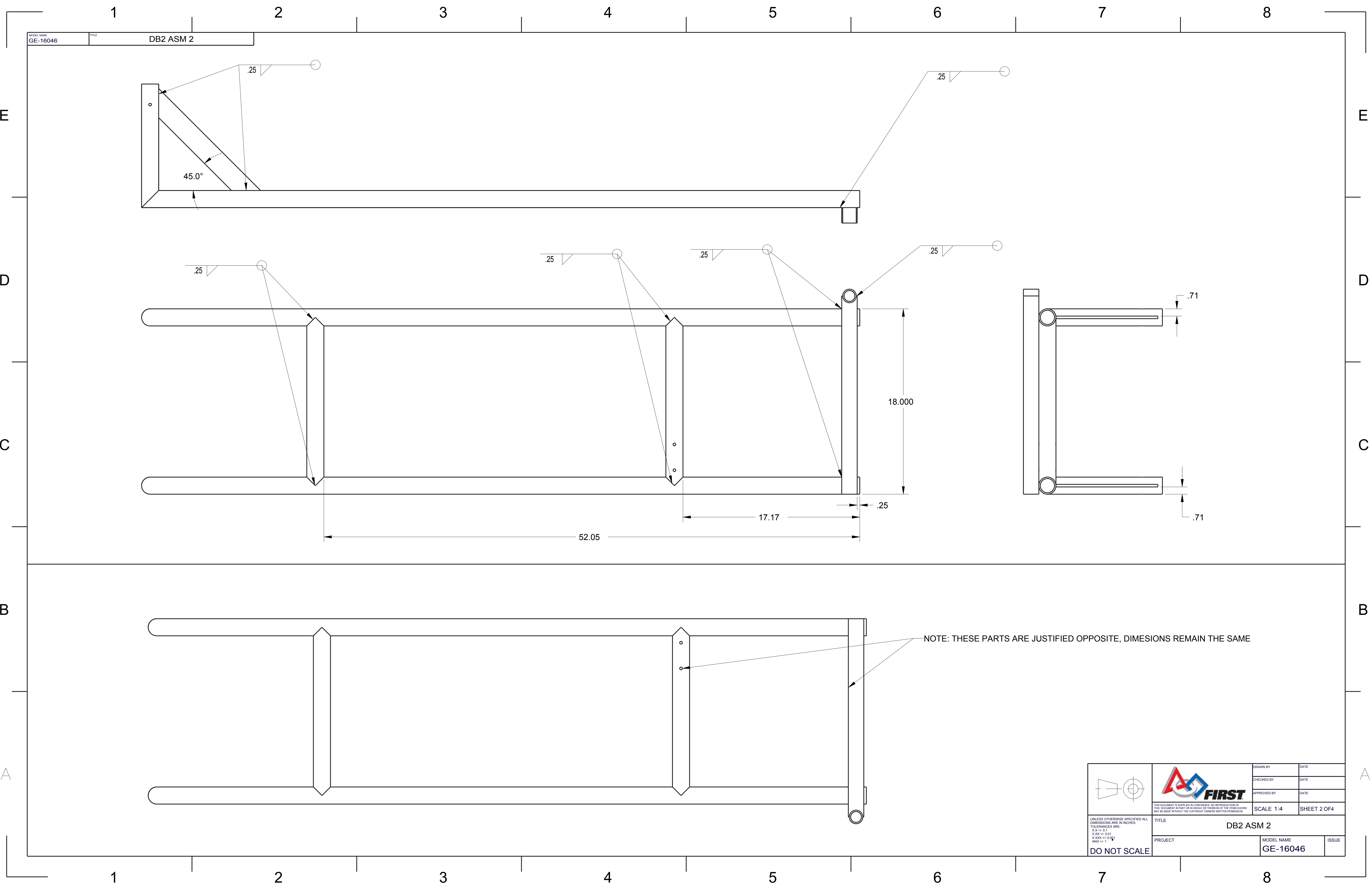
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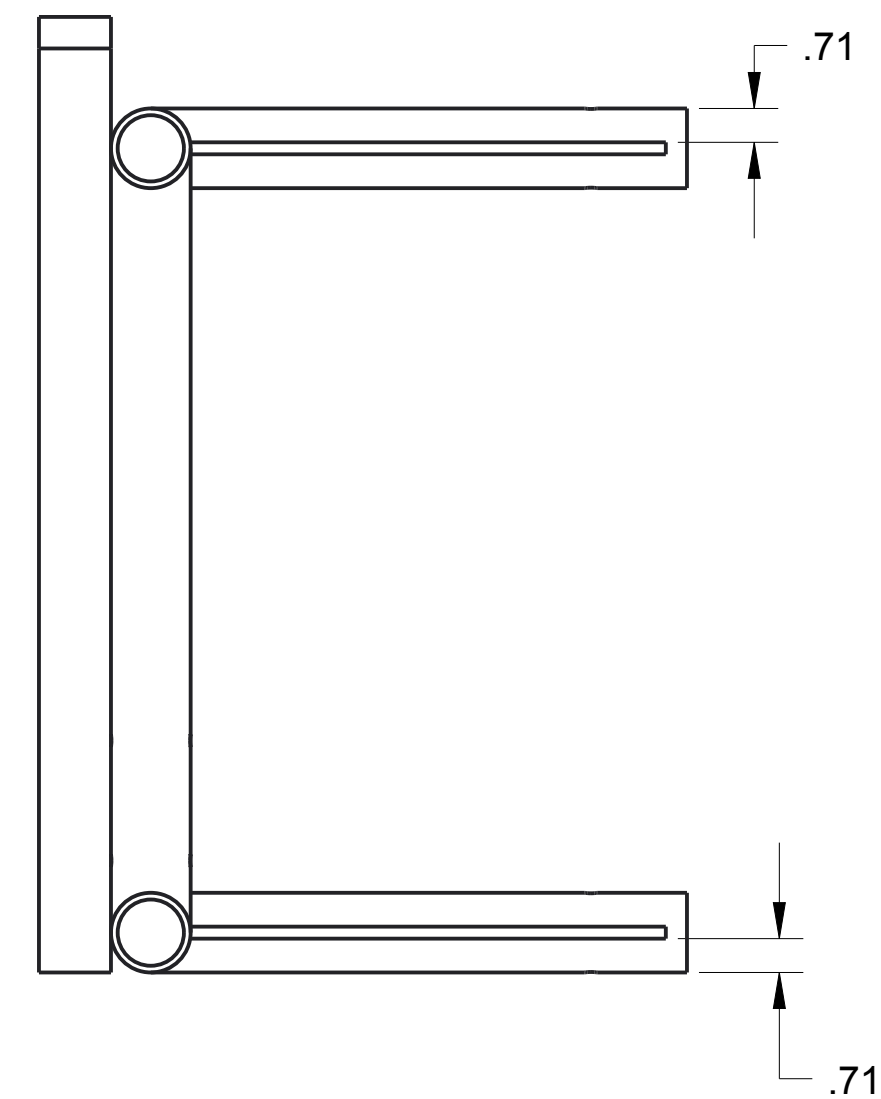
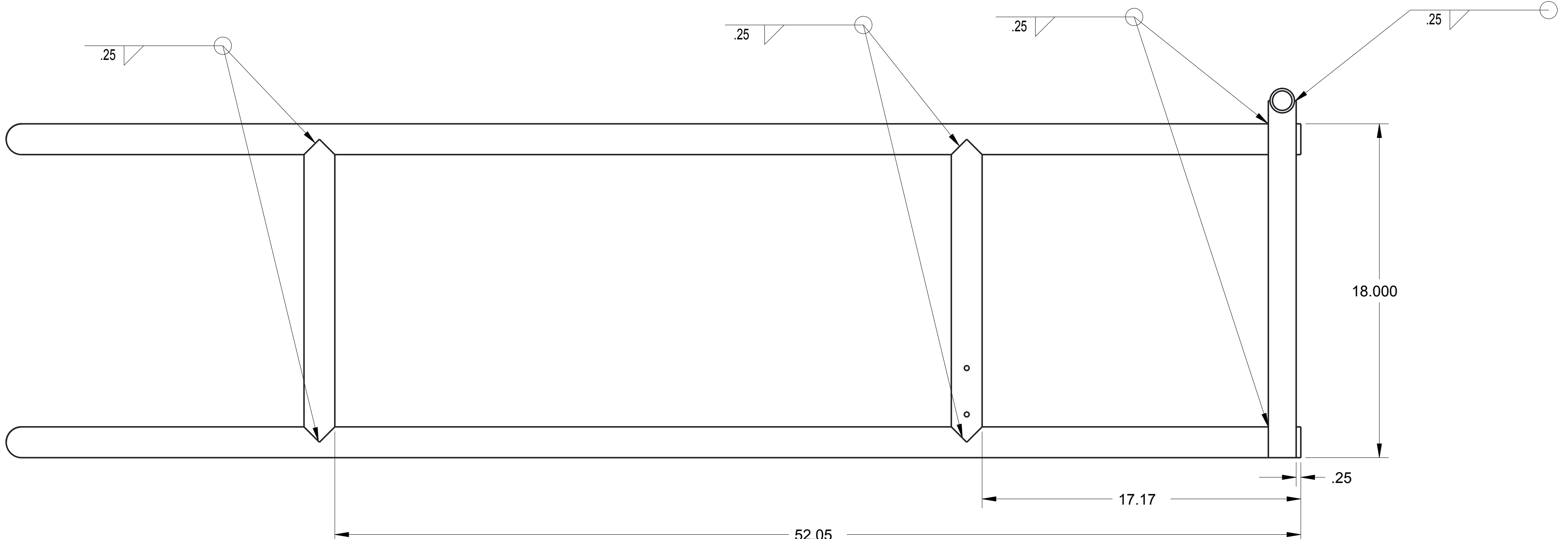
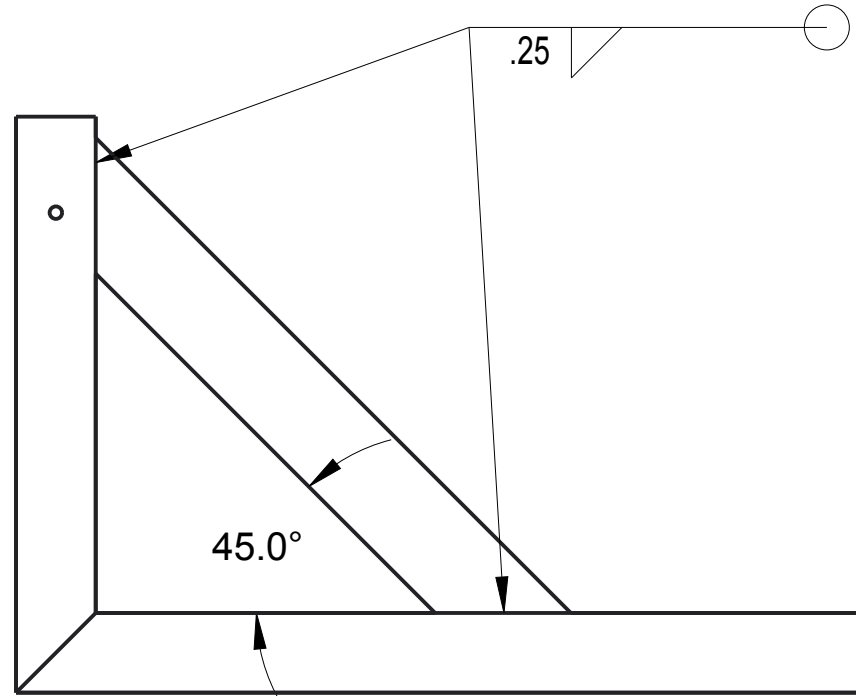
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TITLE DB2 ASM 2	
PROJECT	MODEL NAME GE-16046
ISSUE SHEET 1 OF 4	

SCALE 1:4

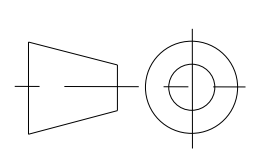



MODEL NAME
GE-16046

TITLE
DB2 ASM 2

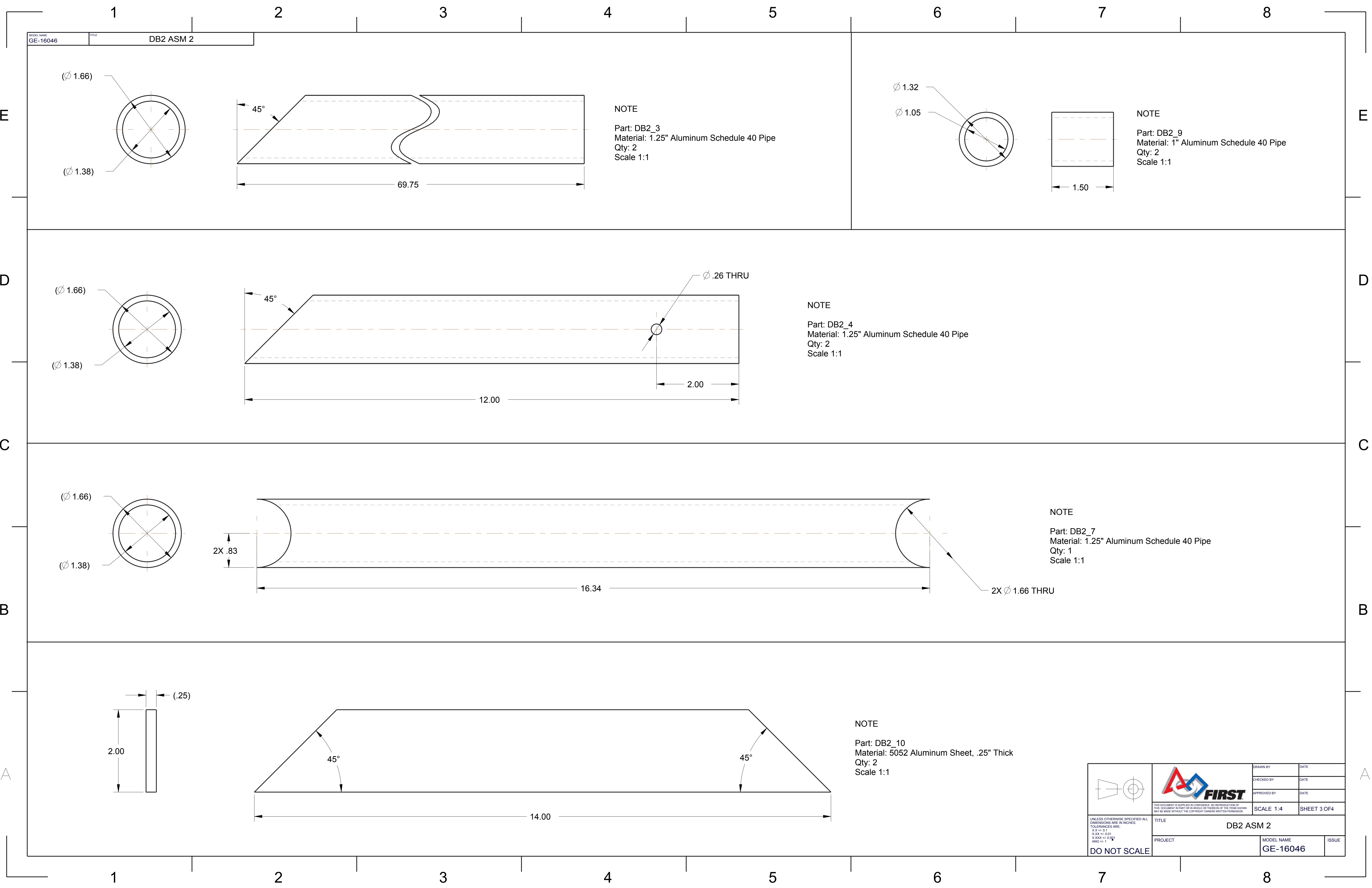


NOTE: THESE PARTS ARE JUSTIFIED OPPOSITE, DIMESIONS REMAIN THE SAME

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TITLE DB2 ASM 2		SCALE 1:4		SHEET 2 OF 4	
PROJECT		MODEL NAME GE-16046		ISSUE	

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X.XX +/- 0.1
X.XXX +/- 0.01
X.XXXX +/- 0.001
ANG +/- 1

DO NOT SCALE



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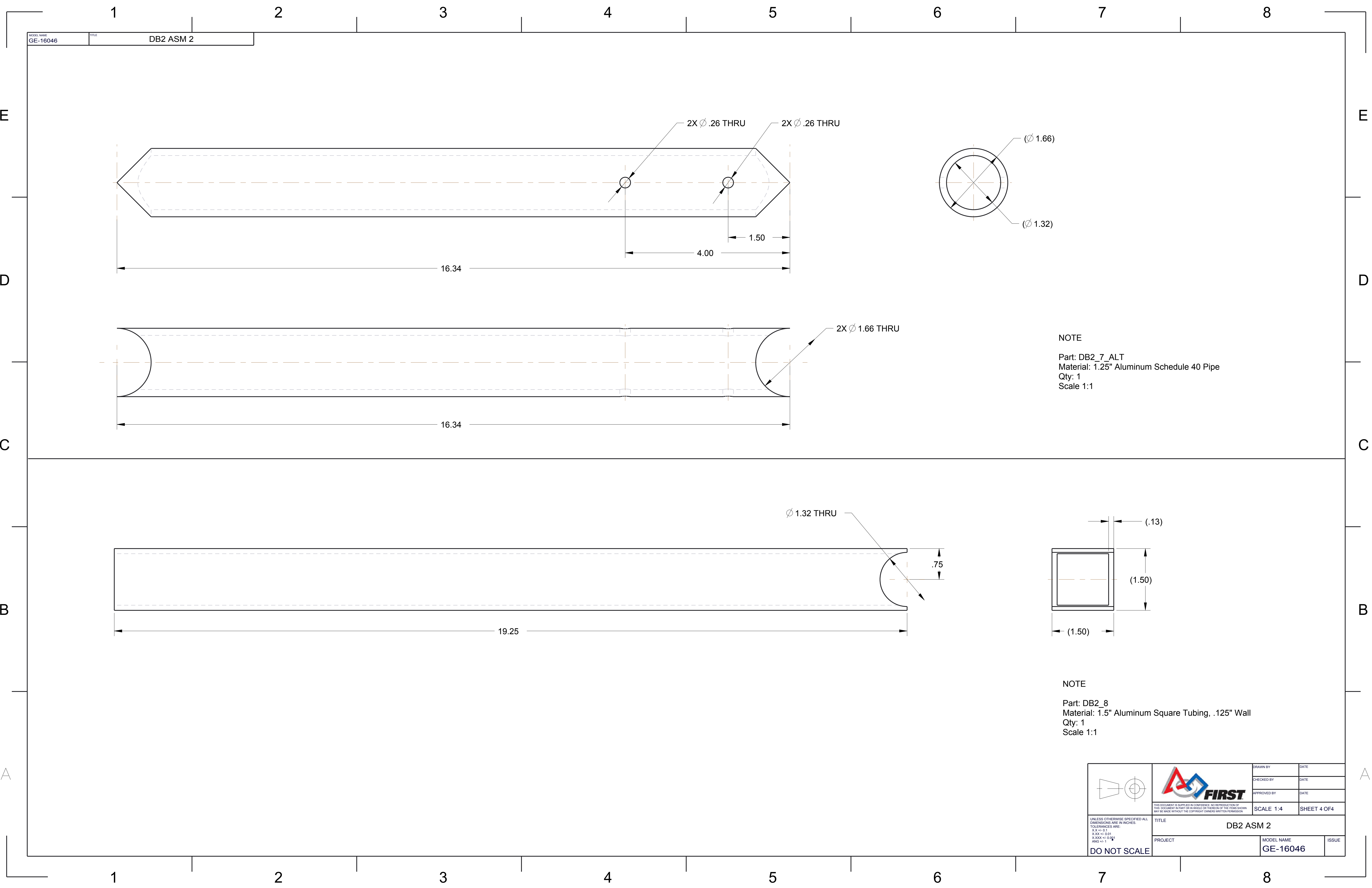
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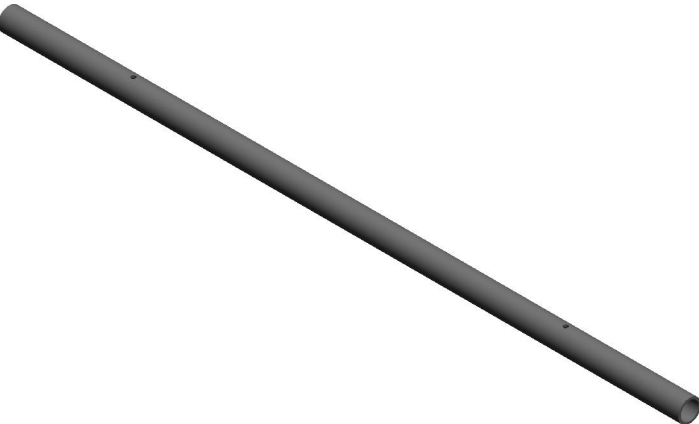
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		SCALE 1:4		SHEET 3 OF 4
TITLE DB2 ASM 2		PROJECT	MODEL NAME GE-16046	ISSUE
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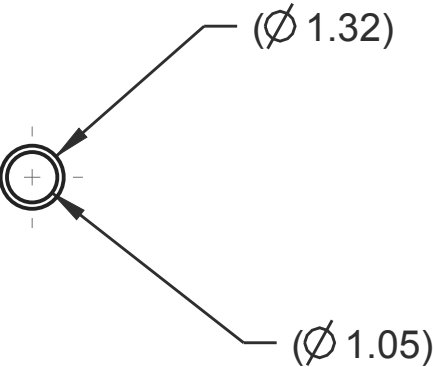
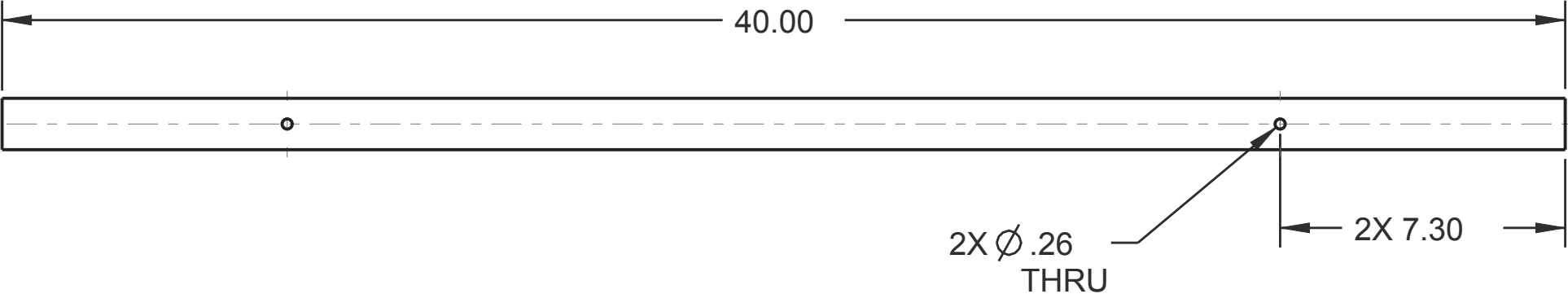
NOTE
Part: DB2_7_ALT
Material: 1.25" Aluminum Schedule 40 Pipe
Qty: 1
Scale 1:1

NOTE
Part: DB2_8
Material: 1.5" Aluminum Square Tubing, .125" Wall
Qty: 1
Scale 1:1


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DO NOT SCALE				
TITLE DB2 ASM 2				
PROJECT		MODEL NAME GE-16046		ISSUE

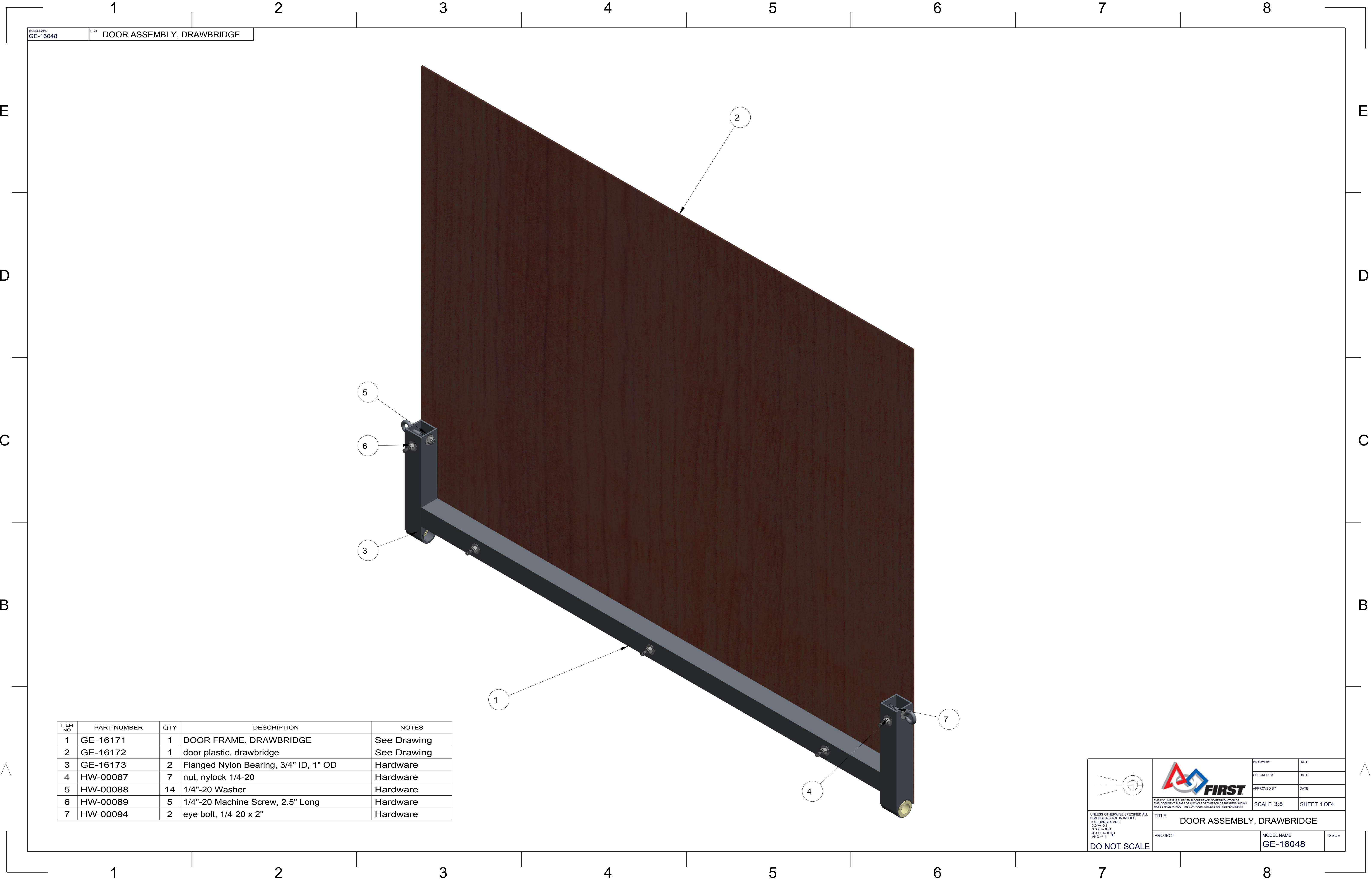


SCALE 1:8



NOTES:
1. MATERIAL: 1-1/4" SCHEDULE 40 PIPE, 6061 ALUMINUM
2. REMOVE ALL BURRS AND SHARP EDGES.


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	TITLE TOP BAR DB	
<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°</small> DO NOT SCALE	PROJECT	MODEL NAME GE-16047
	ISSUE	



MODEL NAME
GE-16048

TITLE
DOOR ASSEMBLY, DRAWBRIDGE

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16171	1	DOOR FRAME, DRAWBRIDGE	See Drawing
2	GE-16172	1	door plastic, drawbridge	See Drawing
3	GE-16173	2	Flanged Nylon Bearing, 3/4" ID, 1" OD	Hardware
4	HW-00087	7	nut, nylock 1/4-20	Hardware
5	HW-00088	14	1/4"-20 Washer	Hardware
6	HW-00089	5	1/4"-20 Machine Screw, 2.5" Long	Hardware
7	HW-00094	2	eye bolt, 1/4-20 x 2"	Hardware



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X.XXX +/- 0.01
ANG +/- 1

DO NOT SCALE

TITLE
DOOR ASSEMBLY, DRAWBRIDGE

PROJECT

MODEL NAME
GE-16048

ISSUE

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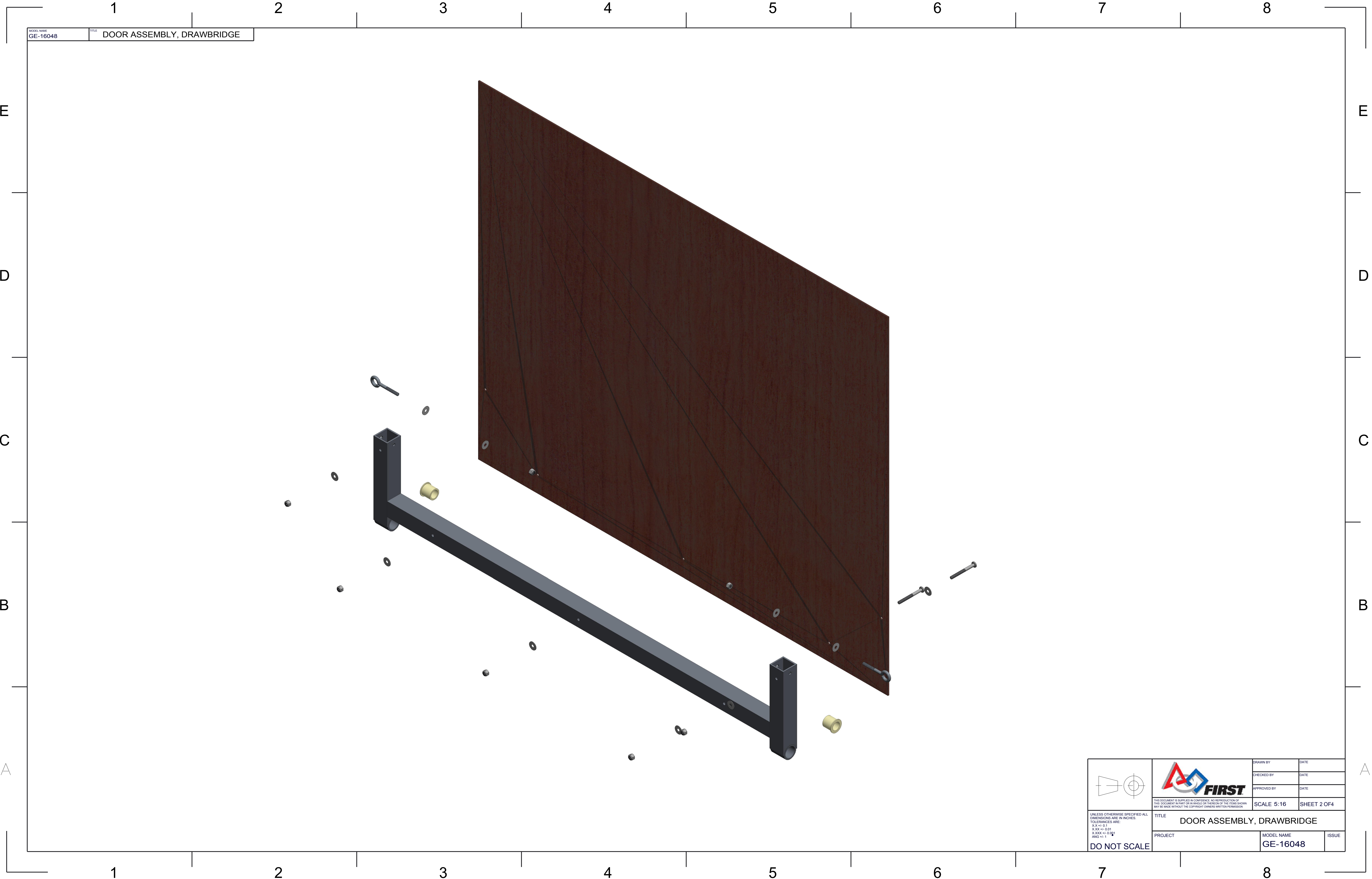
SCALE 3:8

SHEET 1 OF 4

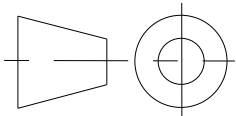

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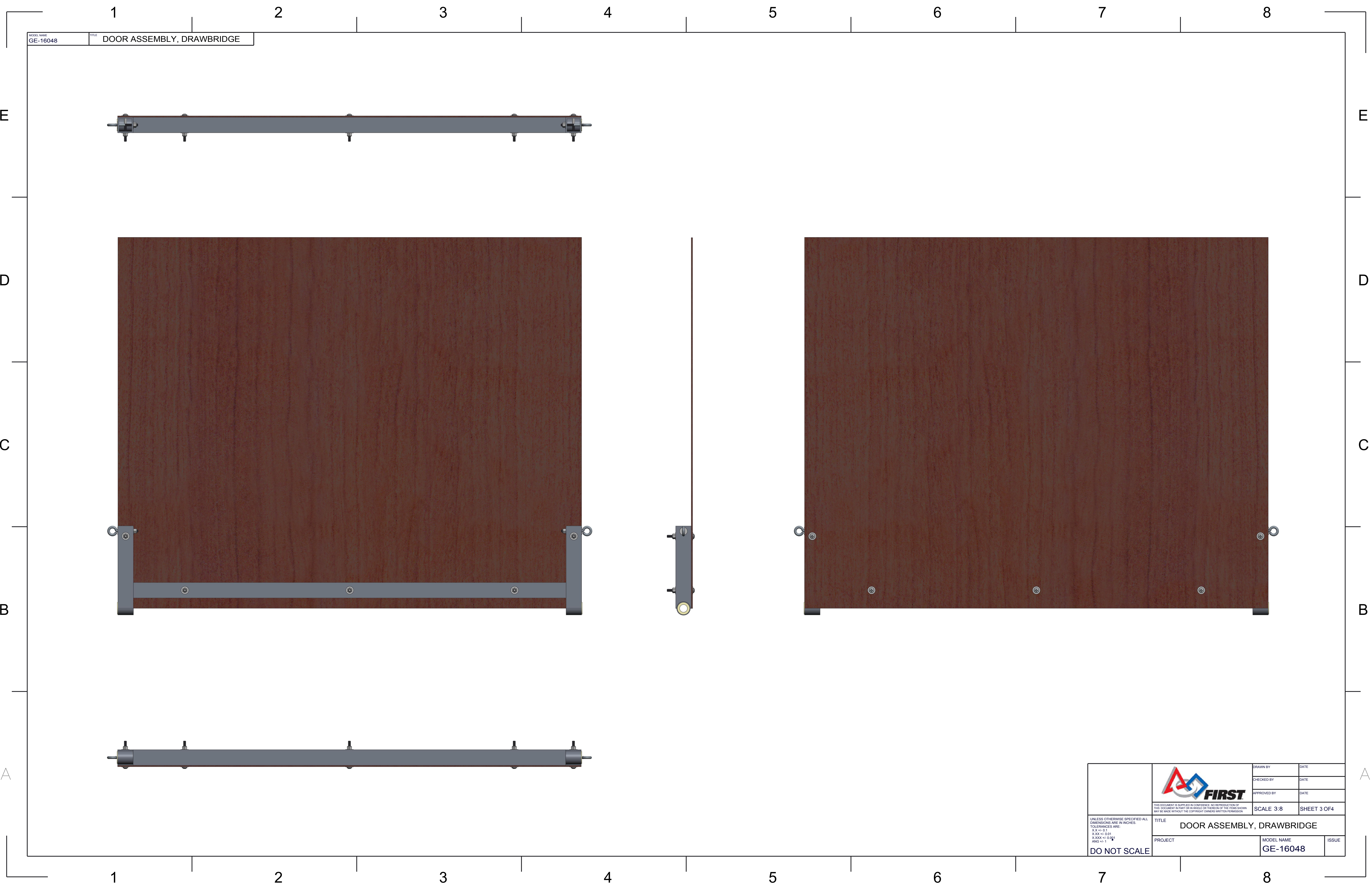
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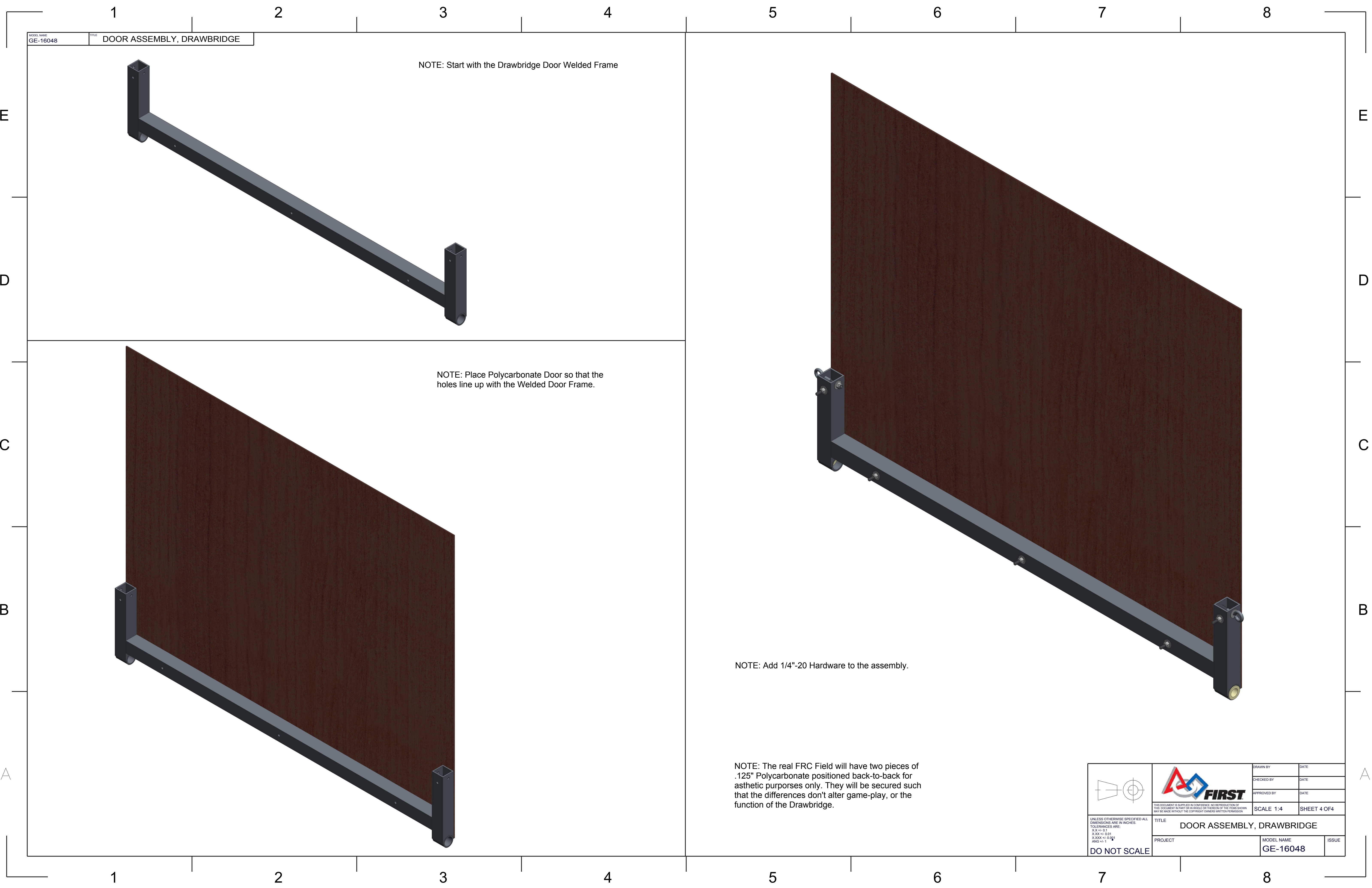
MODEL NAME GE-16048	TITLE DOOR ASSEMBLY, DRAWBRIDGE
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		SCALE 5:16 SHEET 2 OF 4	
TITLE DOOR ASSEMBLY, DRAWBRIDGE			
PROJECT		MODEL NAME GE-16048	ISSUE



MODEL NAME: GE-16048
TITLE: DOOR ASSEMBLY, DRAWBRIDGE

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		SCALE 3:8	SHEET 3 OF 4
TITLE DOOR ASSEMBLY, DRAWBRIDGE			
PROJECT	MODEL NAME GE-16048		ISSUE



MODEL NAME
GE-16048

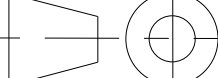

TITLE
DOOR ASSEMBLY, DRAWBRIDGE

NOTE: Start with the Drawbridge Door Welded Frame

NOTE: Place Polycarbonate Door so that the holes line up with the Welded Door Frame.

NOTE: Add 1/4"-20 Hardware to the assembly.

NOTE: The real FRC Field will have two pieces of .125" Polycarbonate positioned back-to-back for asthetic purposes only. They will be secured such that the differences don't alter game-play, or the function of the Drawbridge.

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		SCALE 1:4	SHEET 4 OF 4
TITLE DOOR ASSEMBLY, DRAWBRIDGE			
PROJECT	MODEL NAME GE-16048		ISSUE

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MODEL NAME	TITLE
GE-16049	DRAWBRIDGE SIDE POLY

68.00
2X 66.00

2X 52.13
2X 50.13

2X 17.25
16.75
15.75
2X 15.25

2X 1.00
.00

18.00
16.50
6X 16.00
12.50

5.50
6X 2.00
1.50
.00

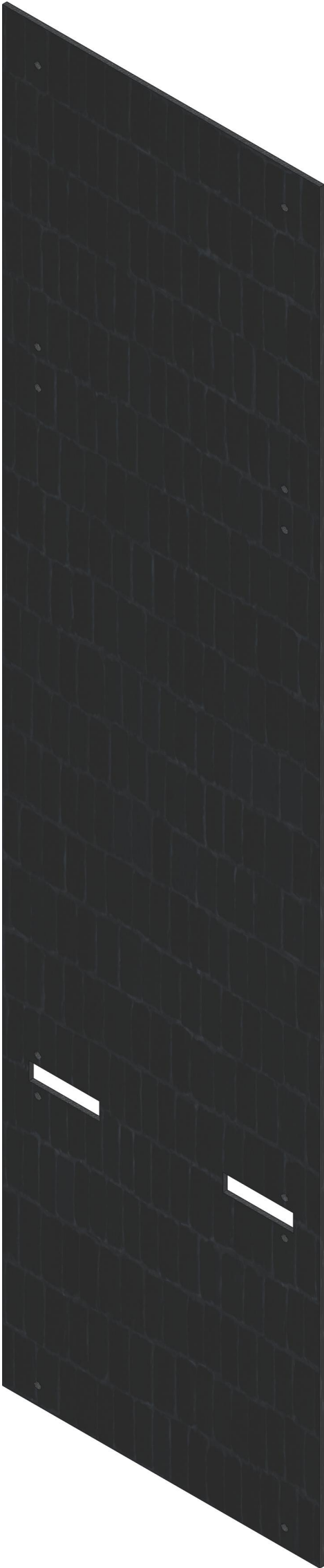
12X Ø .38 Thru


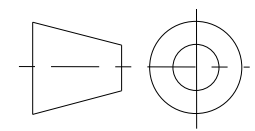
(.25)

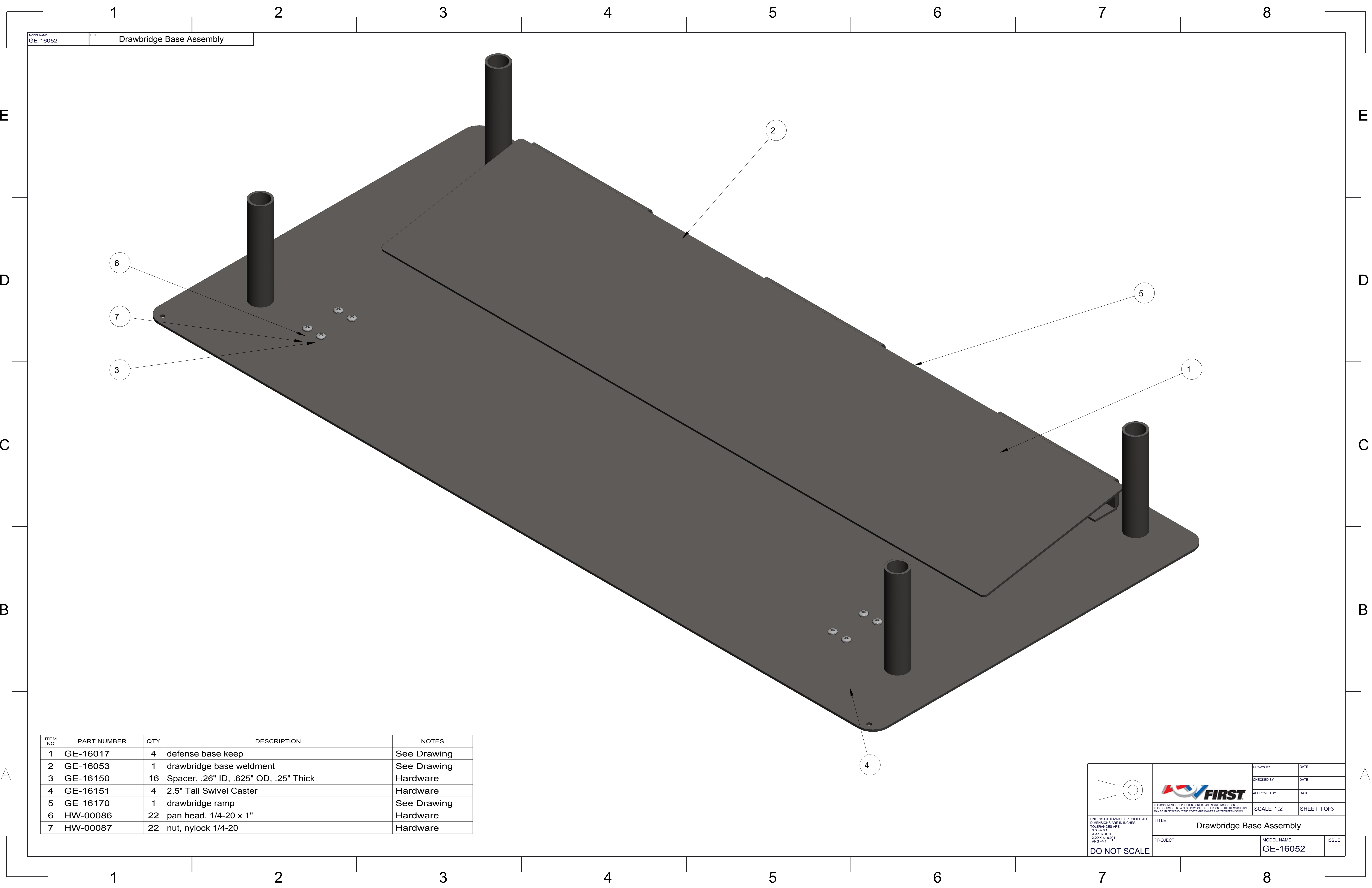
NOTE:

Material: Clear Polycarbonate, .25" Thick
Scale 3:16
Qty: 1

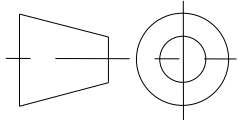
Print to look like stone.



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	APPROVED BY		DATE
	SCALE 3:16		SHEET 1 OF 1
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	PROJECT		MODEL NAME GE-16049
			ISSUE




ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16017	4	defense base keep	See Drawing
2	GE-16053	1	drawbridge base weldment	See Drawing
3	GE-16150	16	Spacer, .26" ID, .625" OD, .25" Thick	Hardware
4	GE-16151	4	2.5" Tall Swivel Caster	Hardware
5	GE-16170	1	drawbridge ramp	See Drawing
6	HW-00086	22	pan head, 1/4-20 x 1"	Hardware
7	HW-00087	22	nut, nylock 1/4-20	Hardware



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X.XXX +/- 0.001
ANG +/- 1

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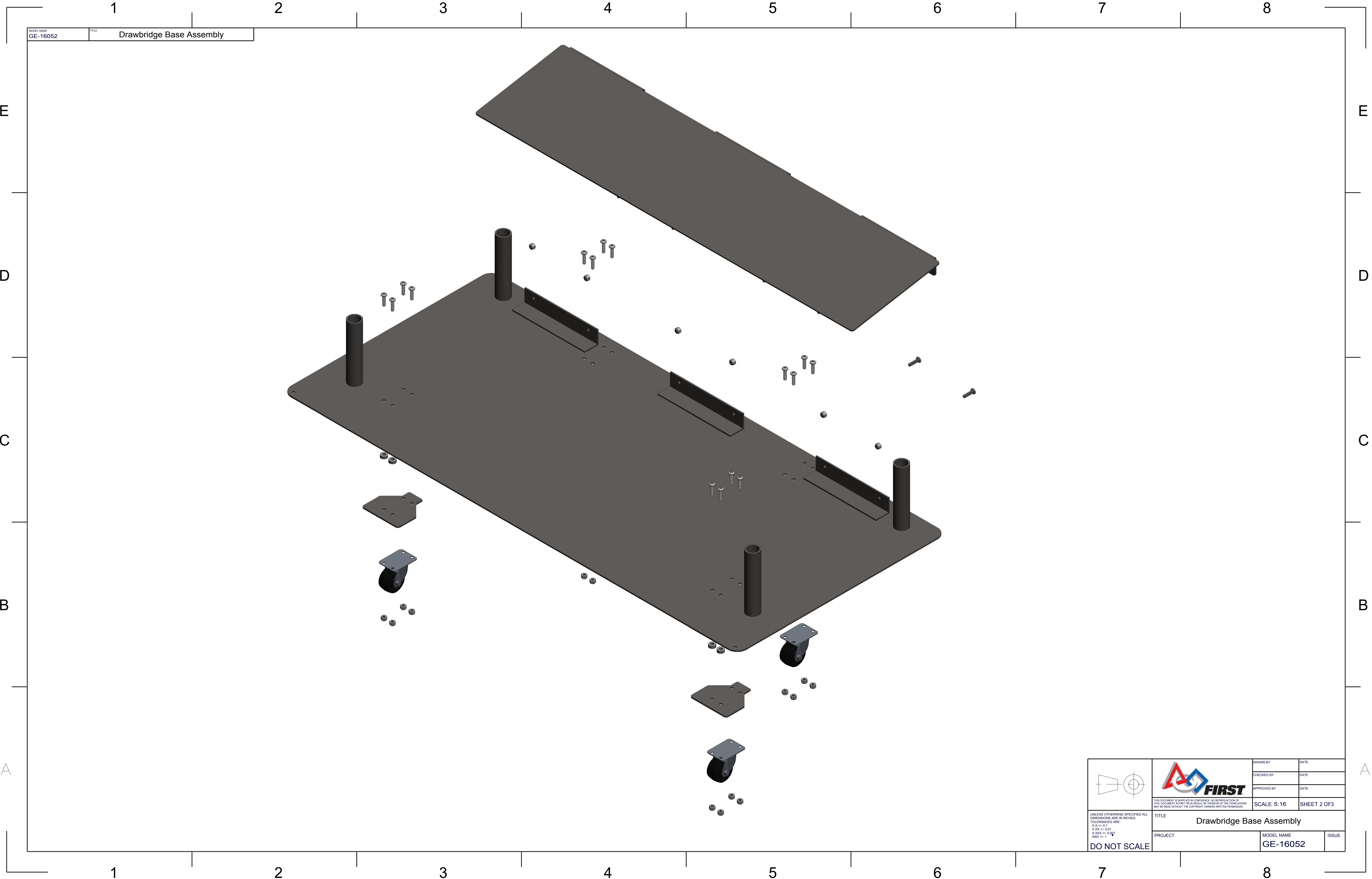


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TITLE
Drawbridge Base Assembly

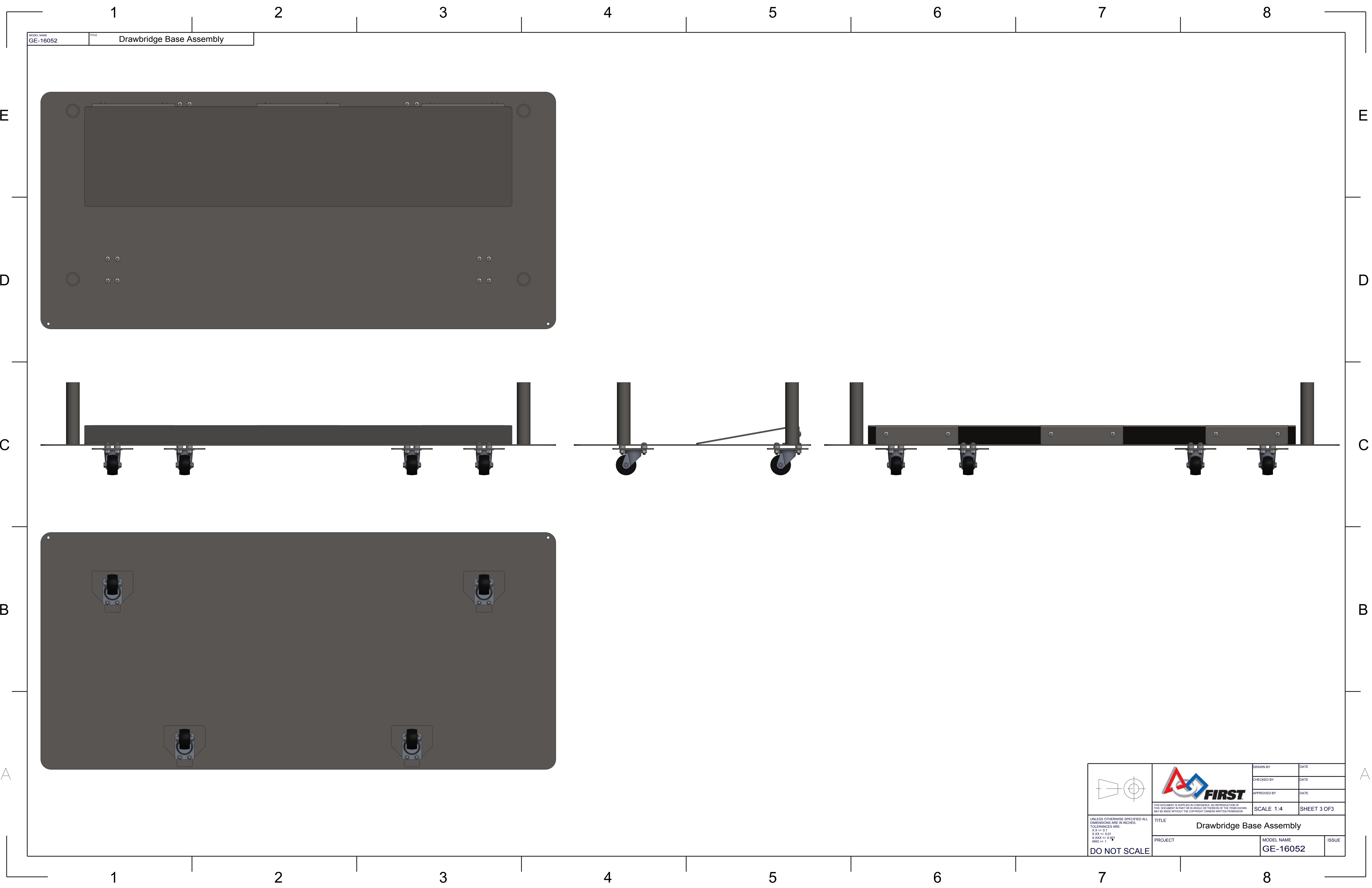
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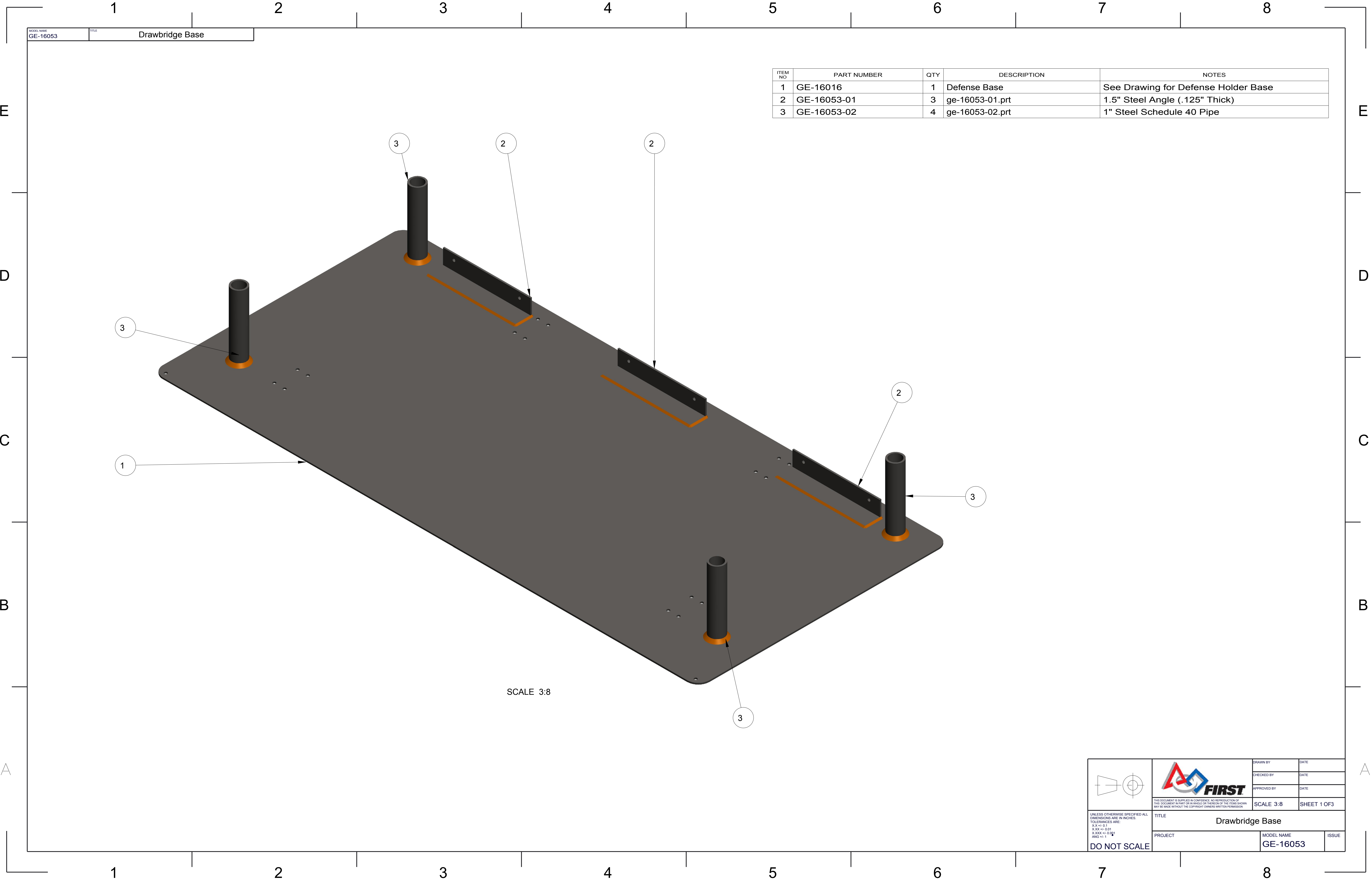
DRAWN BY	DATE
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SCALE 1:2	SHEET 1 OF 3
MODEL NAME GE-16052	ISSUE



MODEL NAME	TITLE
GE-16052	Drawbridge Base Assembly

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		SCALE 5:16		SHEET 2 OF 3	
TITLE Drawbridge Base Assembly					
PROJECT			MODEL NAME	ISSUE	
			GE-16052		





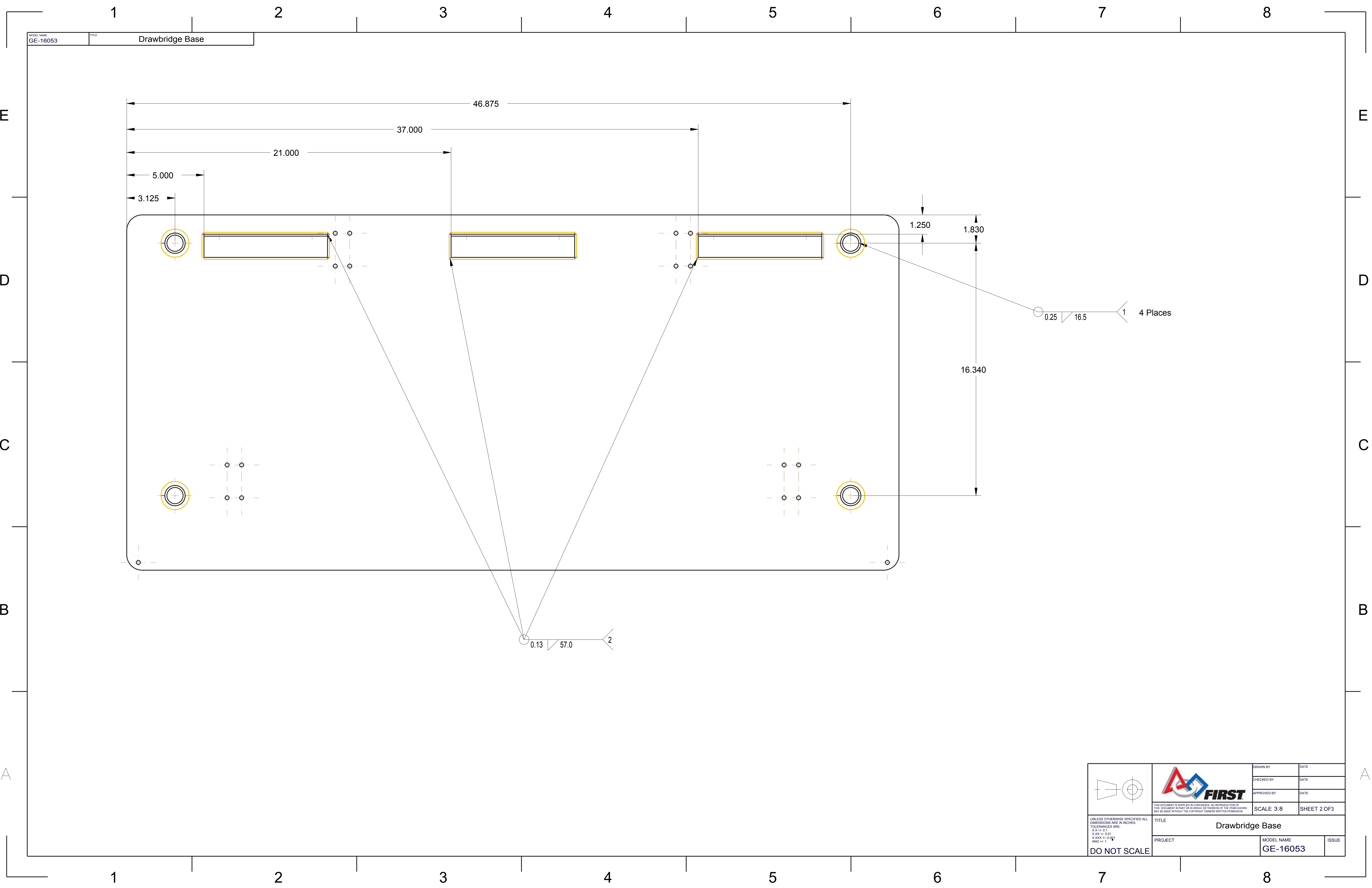
ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16016	1	Defense Base	See Drawing for Defense Holder Base
2	GE-16053-01	3	ge-16053-01.prt	1.5" Steel Angle (.125" Thick)
3	GE-16053-02	4	ge-16053-02.prt	1" Steel Schedule 40 Pipe

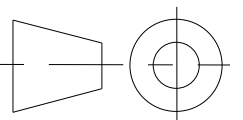

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TOLERANCES ARE:
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ANG ±.1

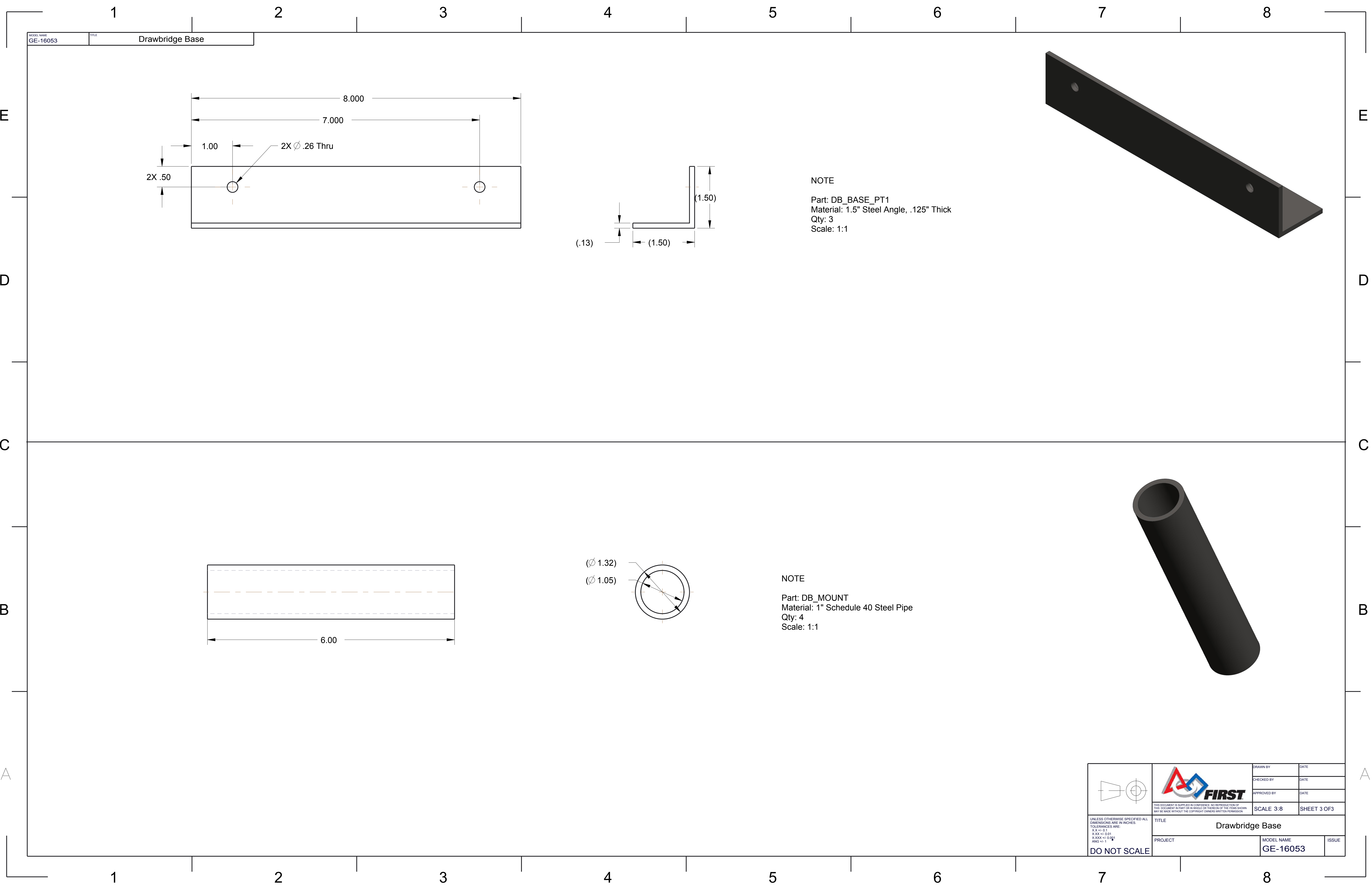
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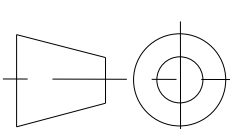

DRAWN BY	DATE
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SCALE 3:8 SHEET 1 OF 3	

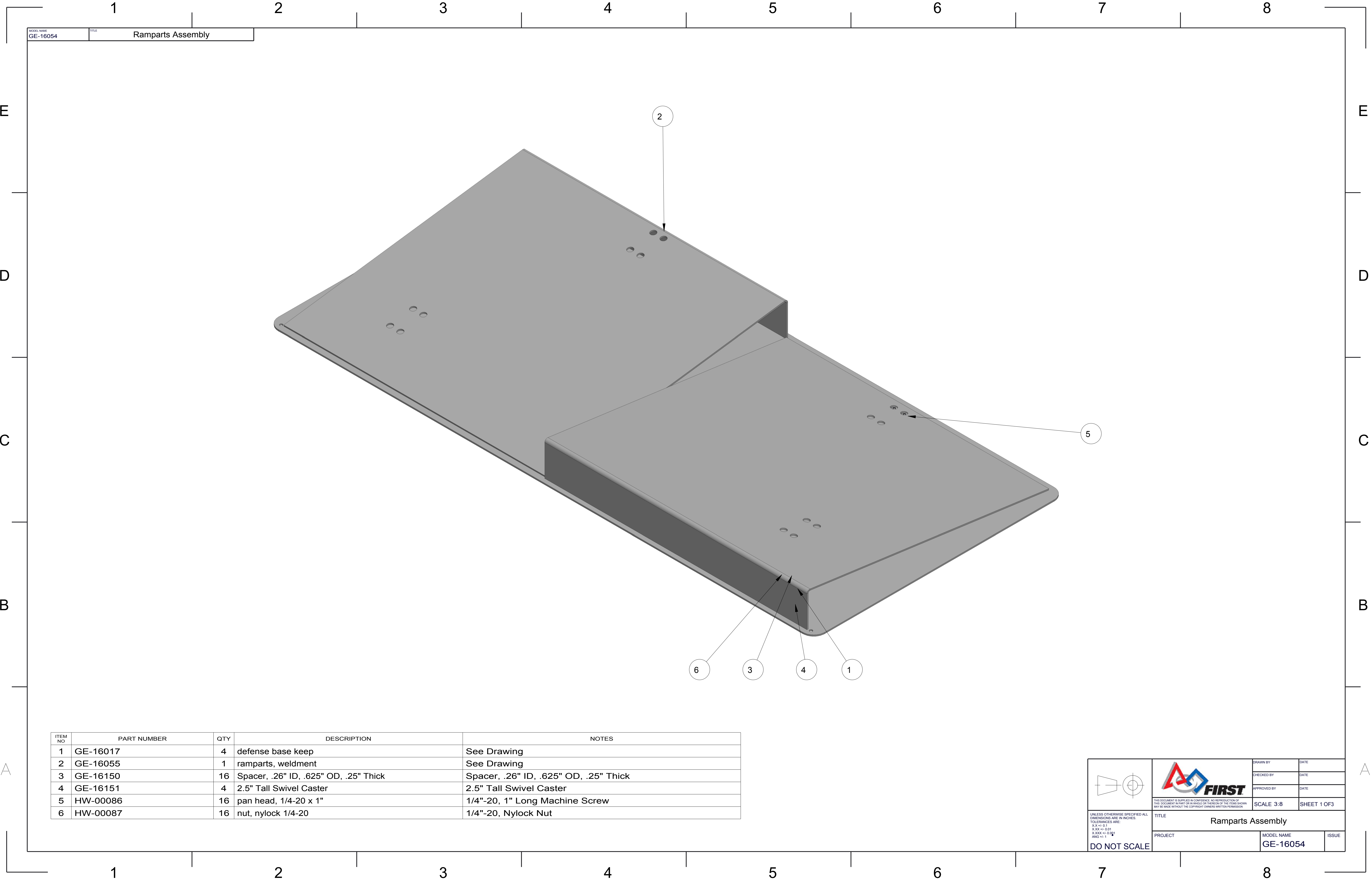
TITLE Drawbridge Base	
PROJECT	MODEL NAME GE-16053
ISSUE	



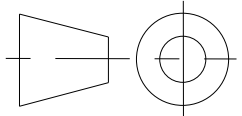
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		CHECKED BY	DATE	
		APPROVED BY	DATE	
		SCALE 3:8	SHEET 2 OF 3	
TITLE Drawbridge Base		PROJECT	MODEL NAME GE-16053	ISSUE



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		CHECKED BY	DATE		
		APPROVED BY	DATE		
		SCALE 3:8		SHEET 3 OF 3	
TITLE		Drawbridge Base			
PROJECT		MODEL NAME		ISSUE	
		GE-16053			




ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16017	4	defense base keep	See Drawing
2	GE-16055	1	ramparts, weldment	See Drawing
3	GE-16150	16	Spacer, .26" ID, .625" OD, .25" Thick	Spacer, .26" ID, .625" OD, .25" Thick
4	GE-16151	4	2.5" Tall Swivel Caster	2.5" Tall Swivel Caster
5	HW-00086	16	pan head, 1/4-20 x 1"	1/4"-20, 1" Long Machine Screw
6	HW-00087	16	nut, nylock 1/4-20	1/4"-20, Nylock Nut



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

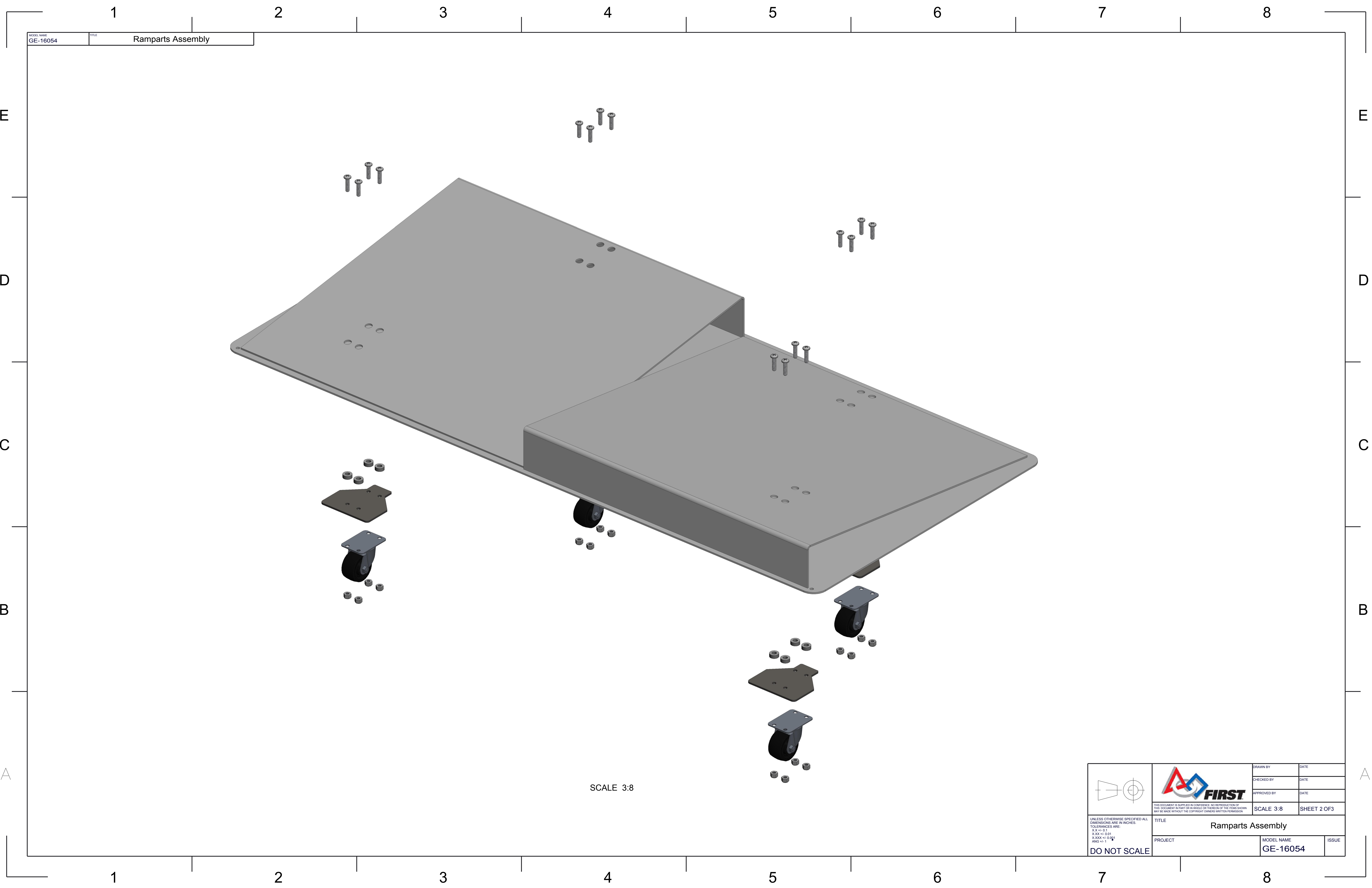
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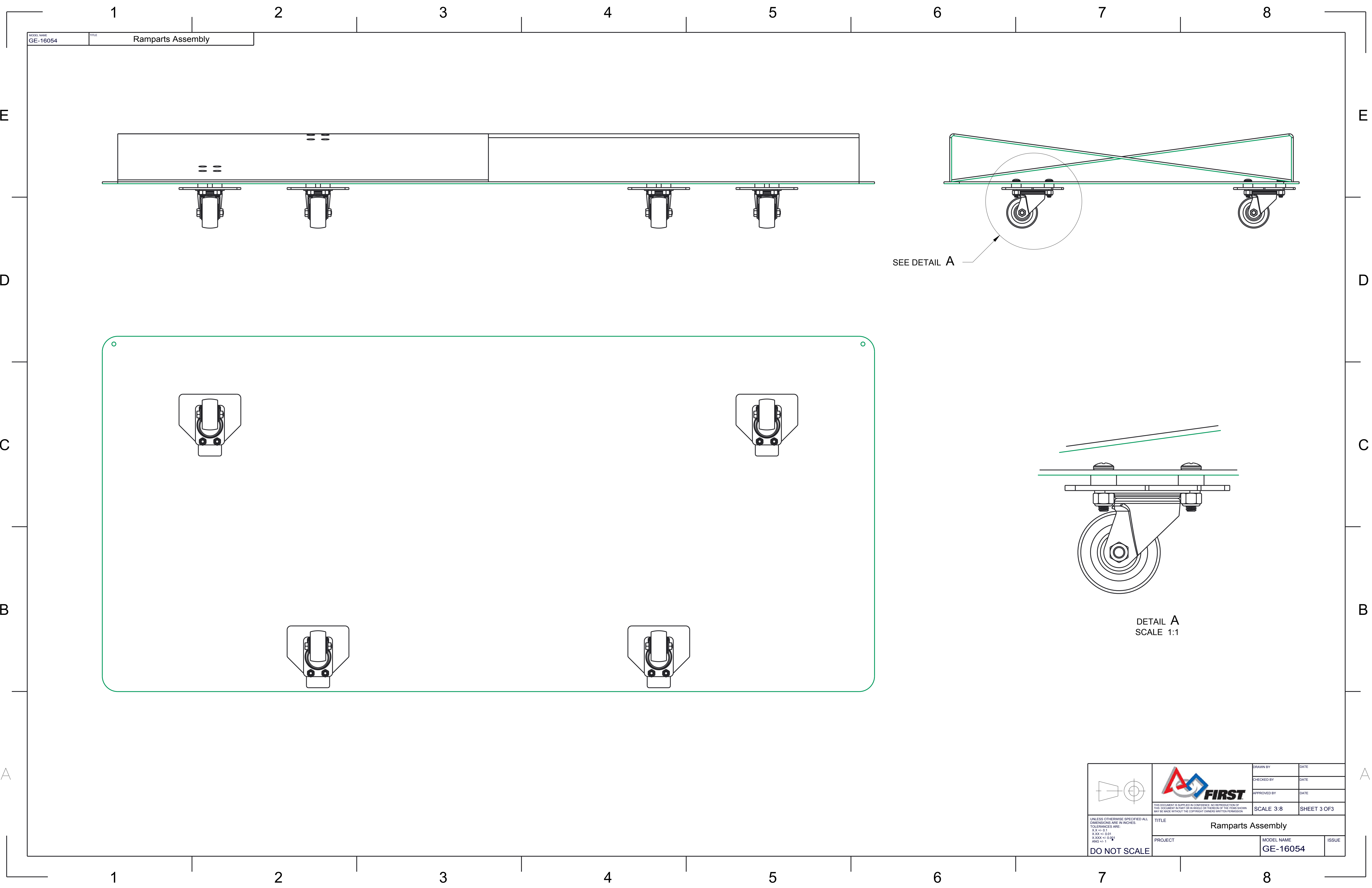
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CHECKED BY	DATE
APPROVED BY	DATE
TITLE Ramparts Assembly	
PROJECT	MODEL NAME GE-16054
ISSUE	

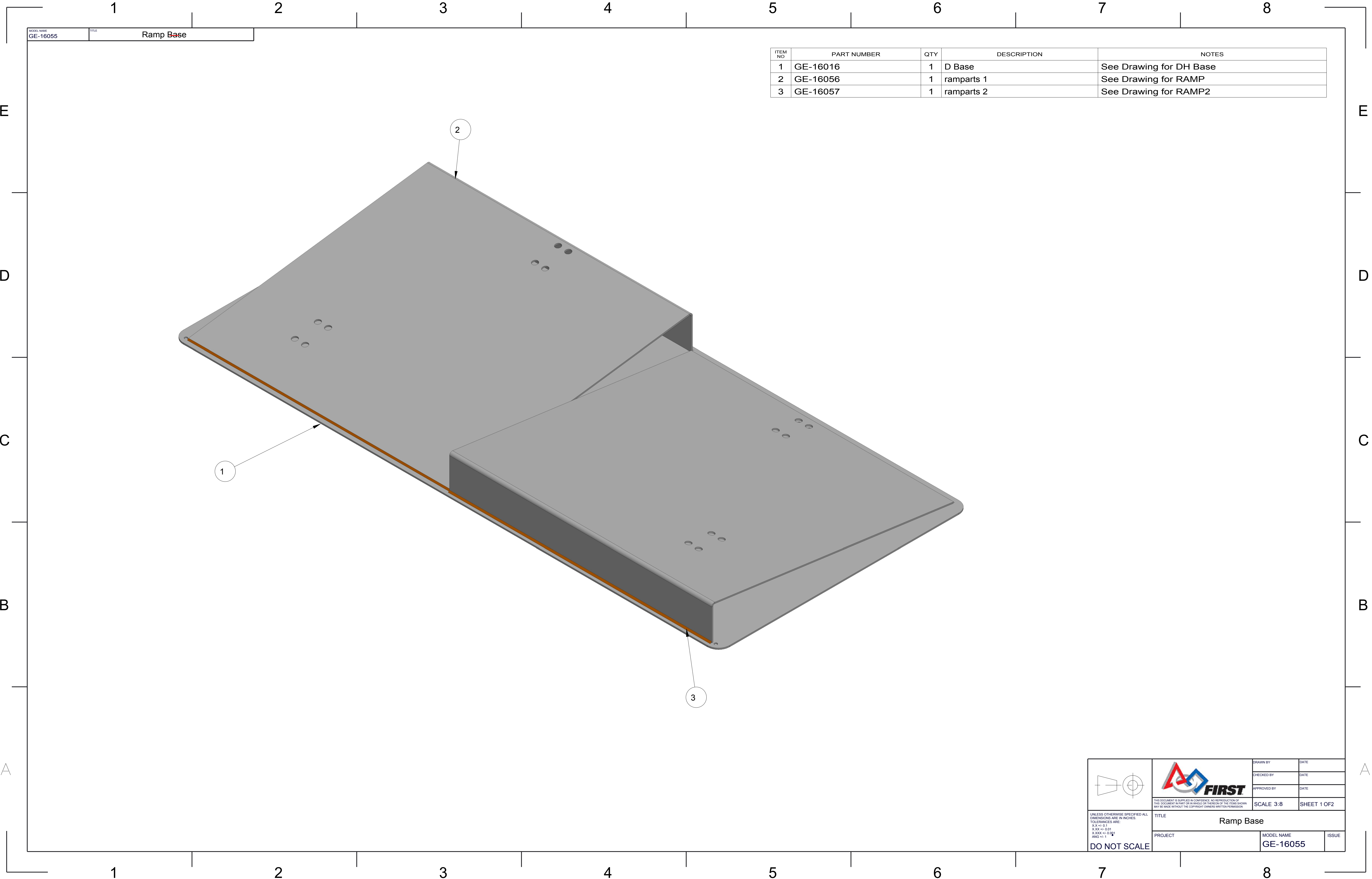
SCALE 3:8SHEET 1 OF3



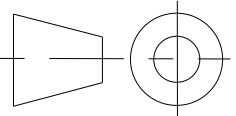
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		APPROVED BY	DATE		
		SCALE 3:8		SHEET 2 OF 3	
TITLE		Ramparts Assembly			
PROJECT	MODEL NAME		ISSUE		
	GE-16054				






ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16016	1	D Base	See Drawing for DH Base
2	GE-16056	1	ramparts 1	See Drawing for RAMP
3	GE-16057	1	ramparts 2	See Drawing for RAMP2



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X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1

DO NOT SCALE



TITLE
Ramp Base

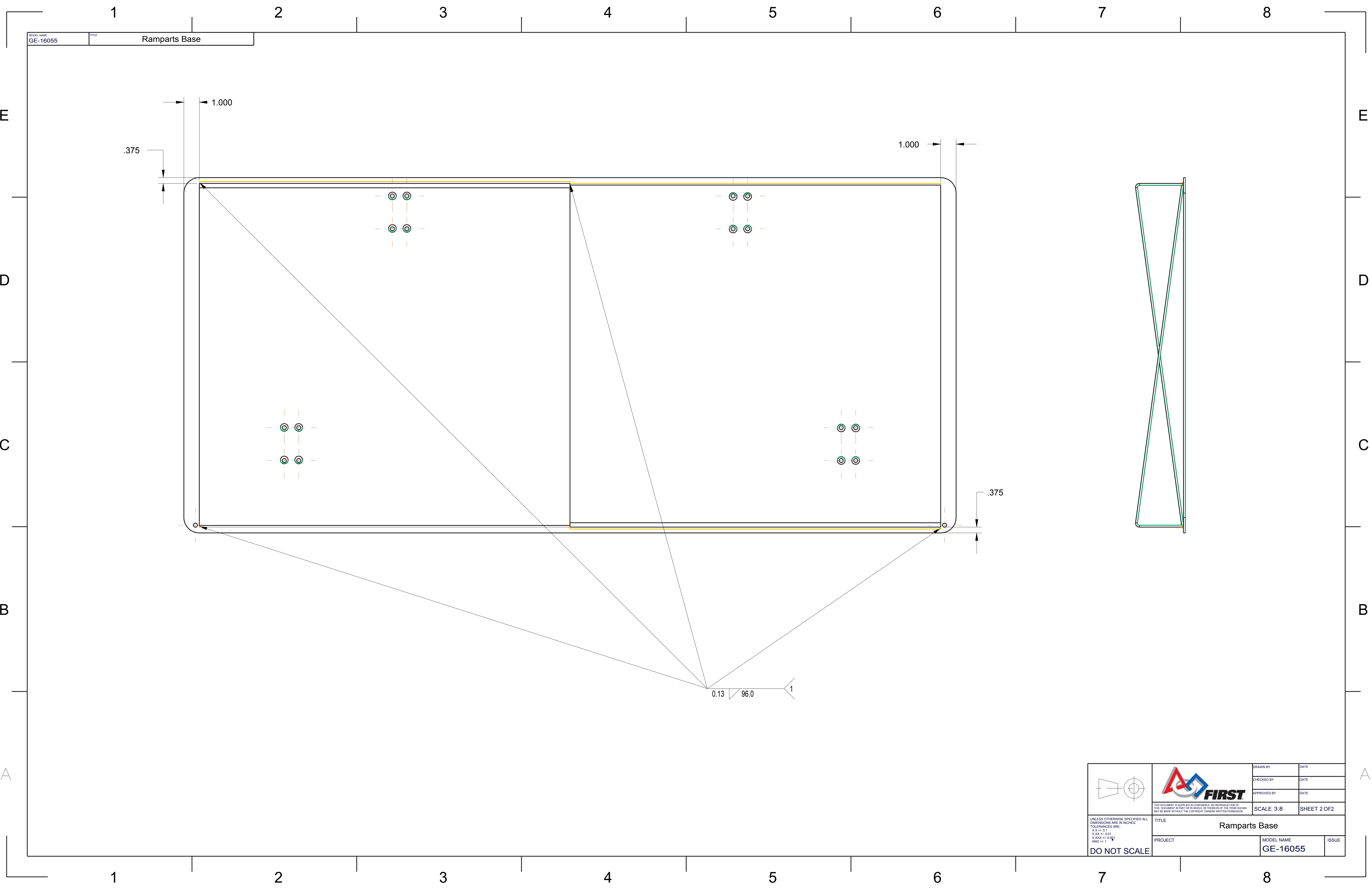
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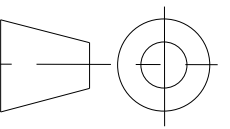

SHEET 1 OF 2

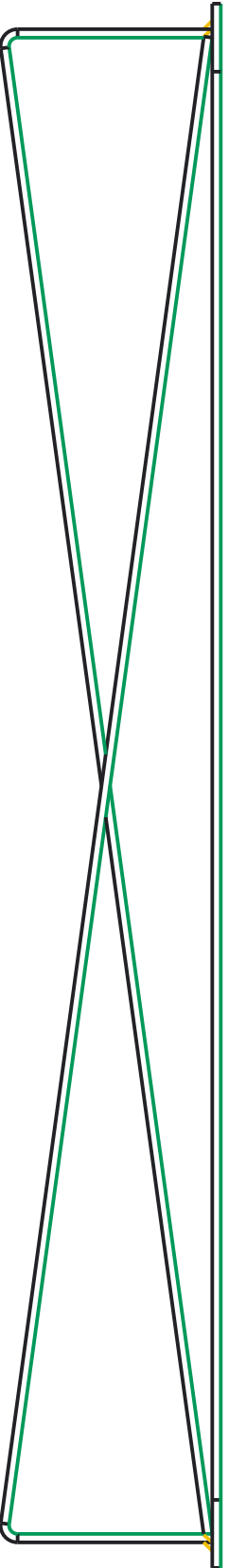
MODEL NAME GE-16055	ISSUE
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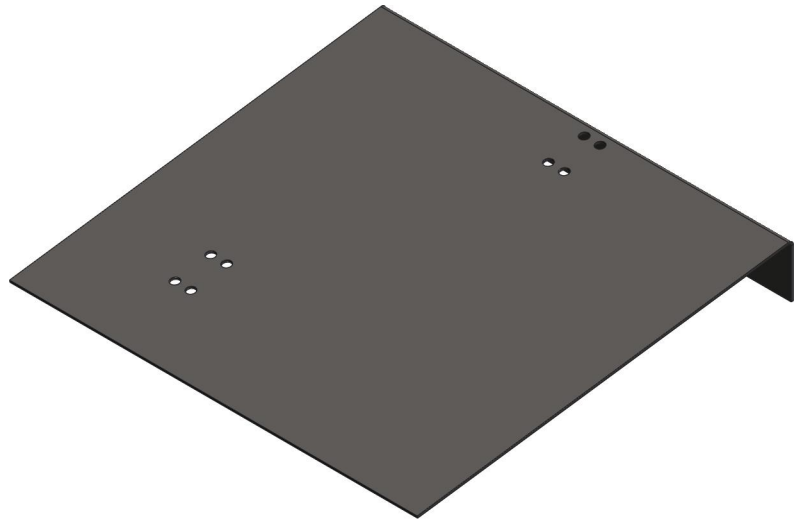
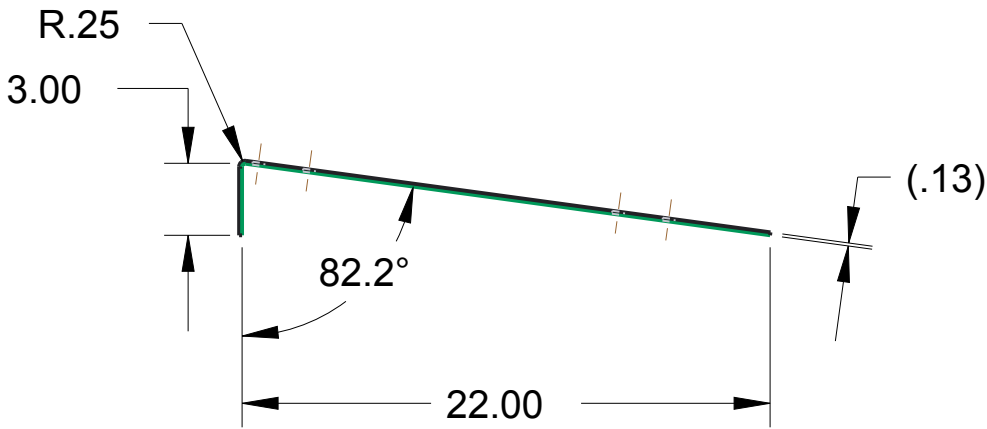
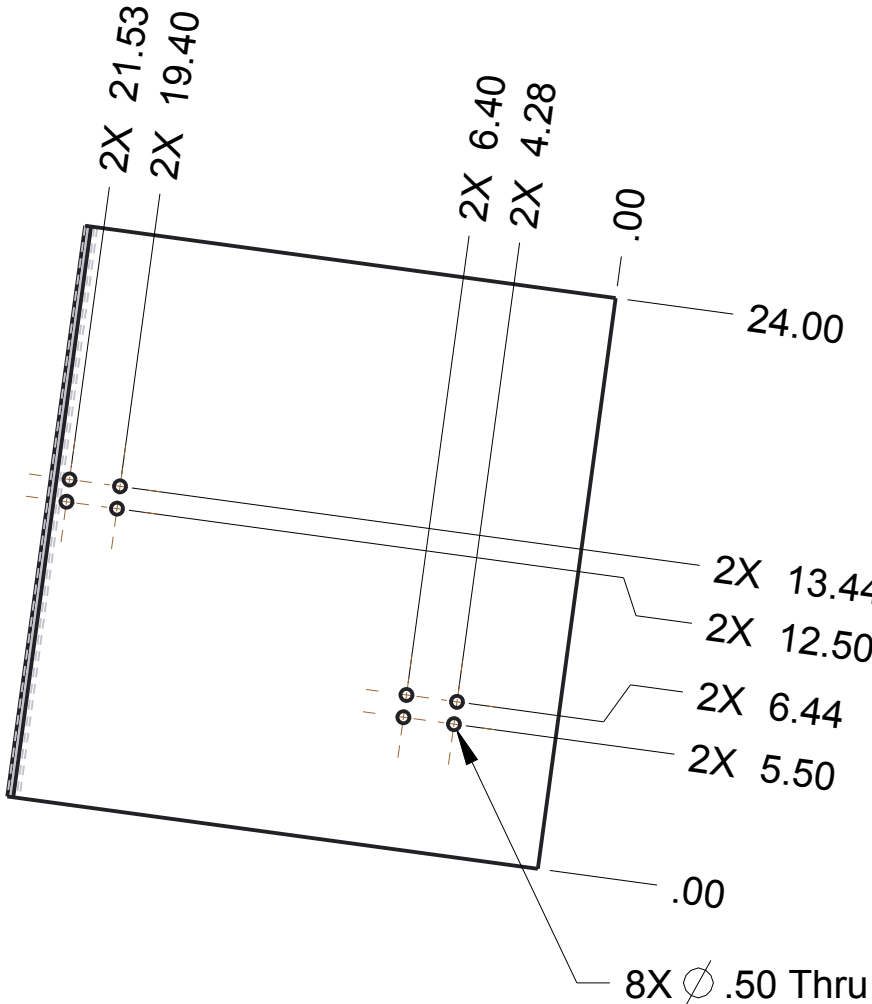


MODEL NAME
GE-16055

TITLE
Ramparts Base

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DO NOT SCALE		PROJECT	MODEL NAME GE-16055
		ISSUE	

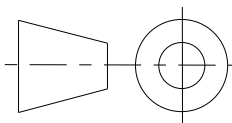



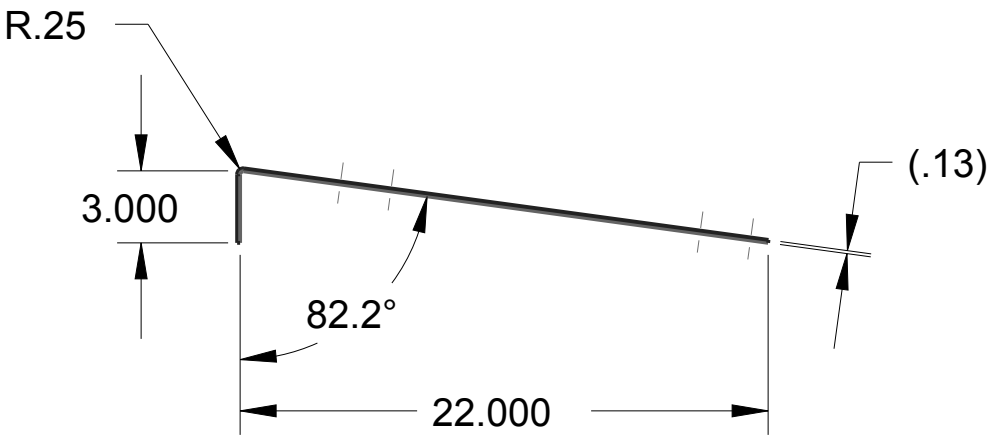
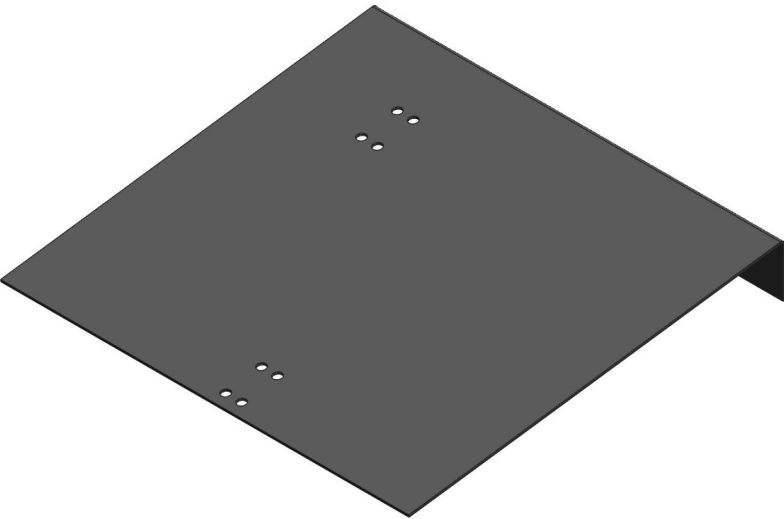
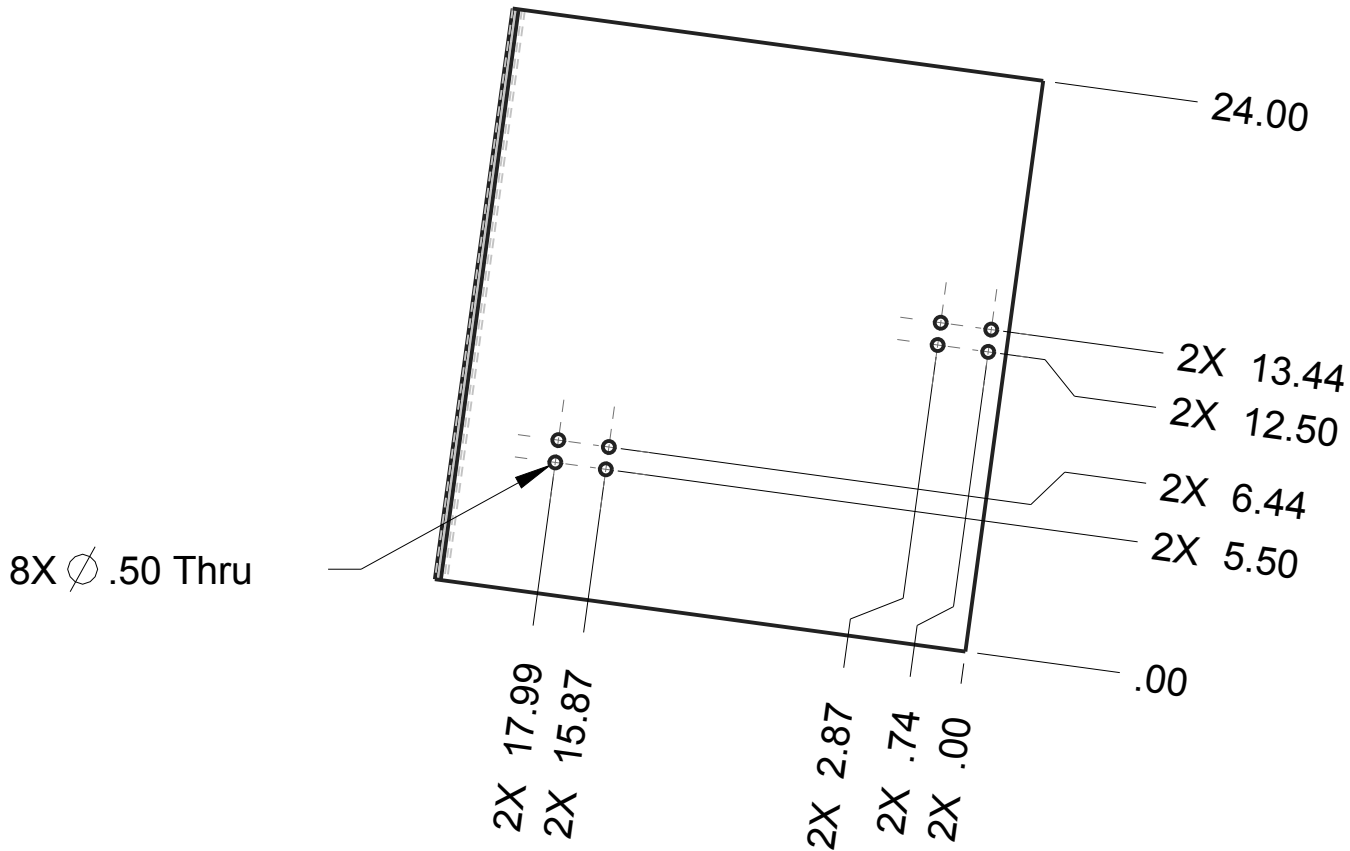


NOTE

Material: Steel Sheet, .125" Thick
Scale: 1:8

Remove all burrs and sharp edges

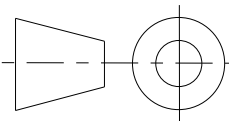

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1° DO NOT SCALE	TITLE Ramparts		
	PROJECT	MODEL NAME GE-16056	ISSUE

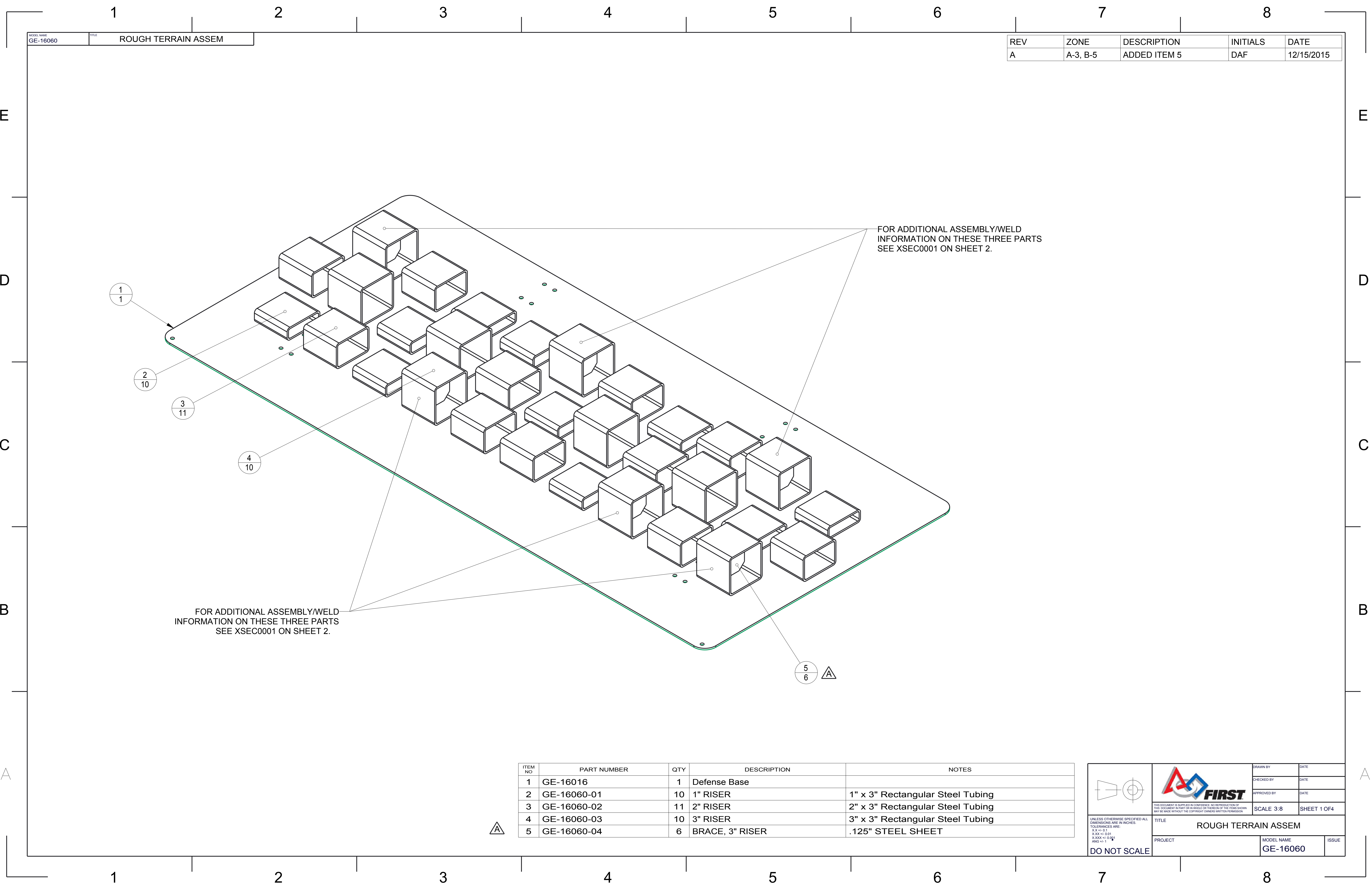


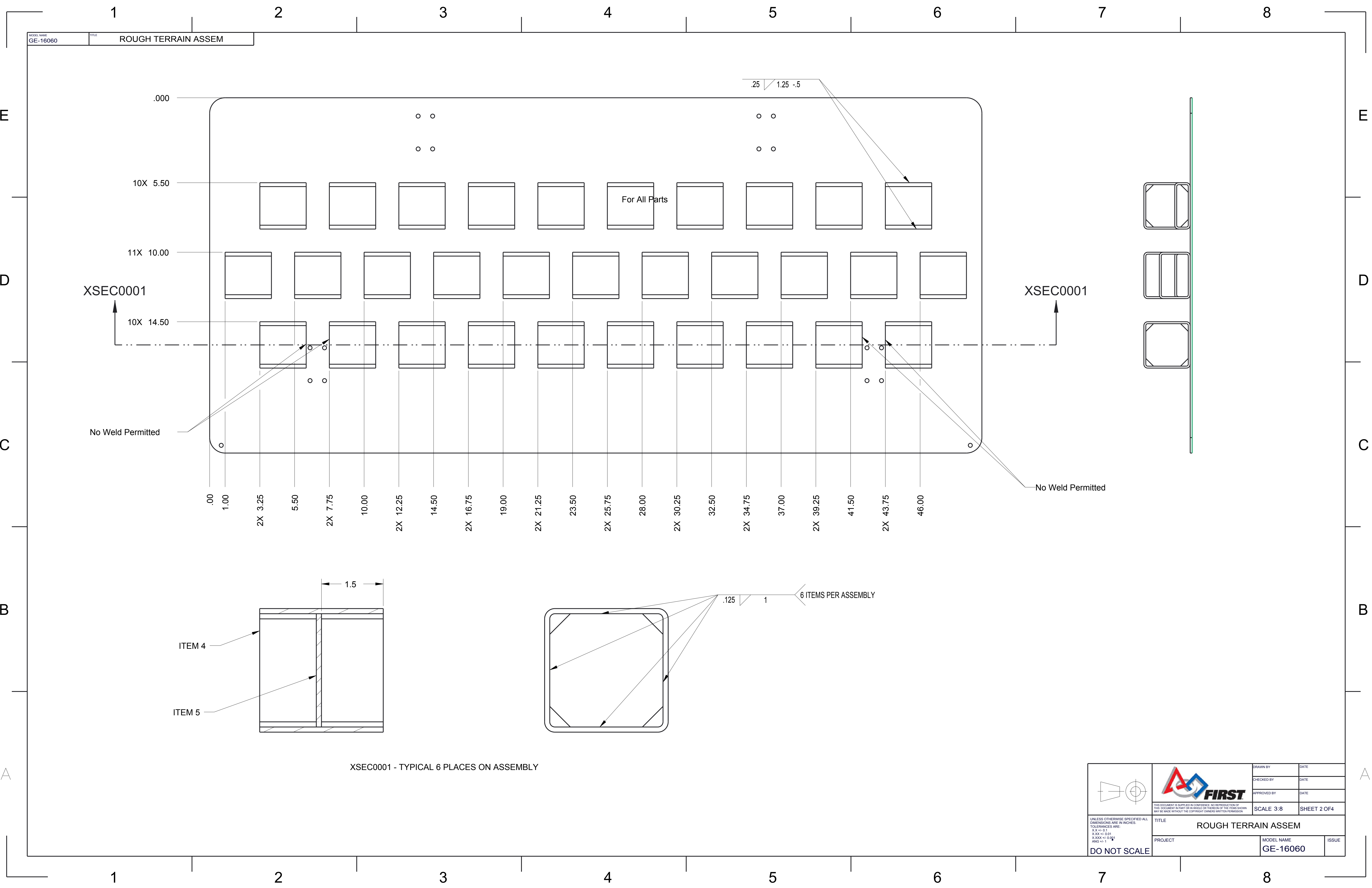
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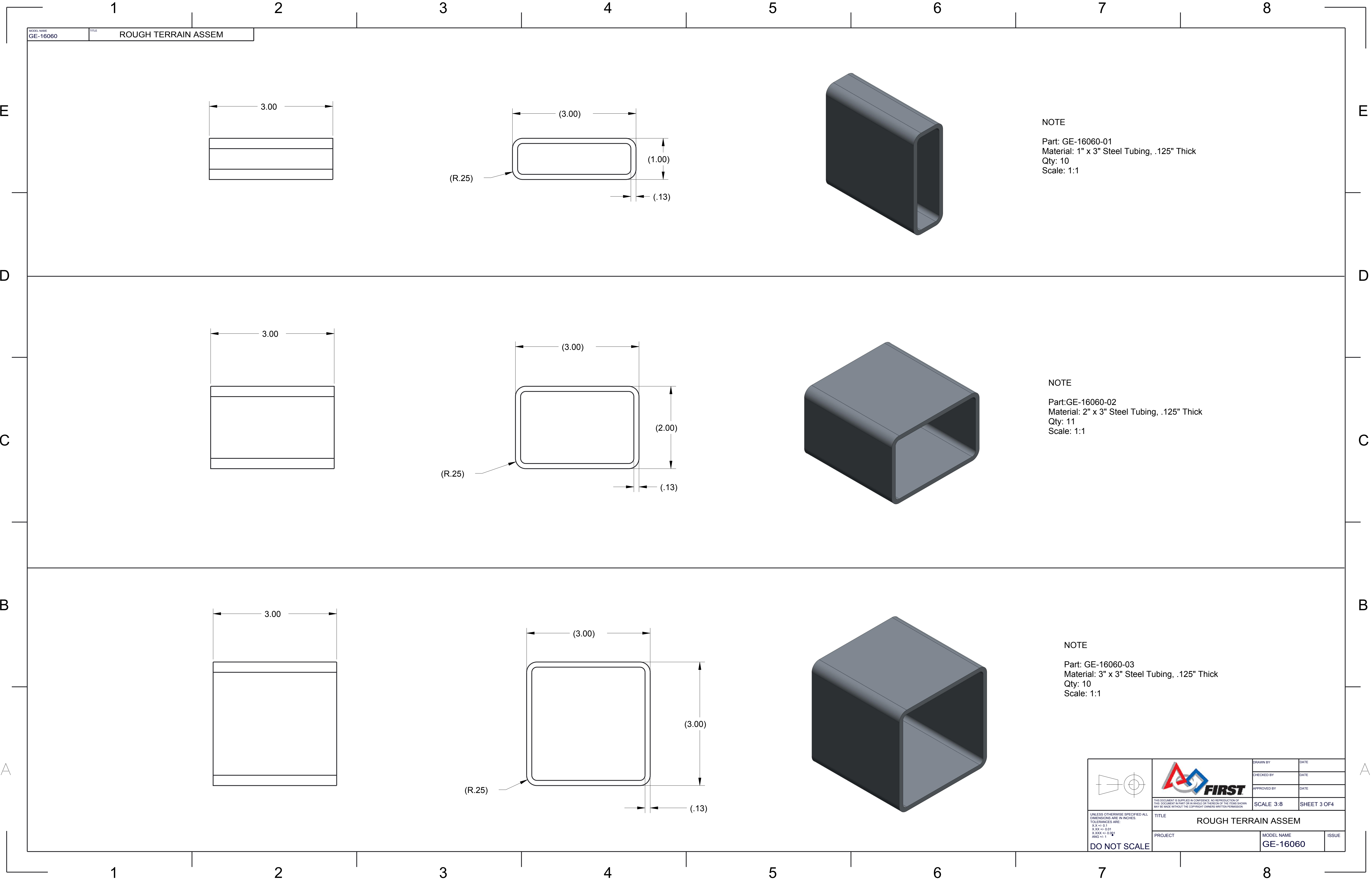
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Scale: 1:8

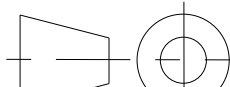

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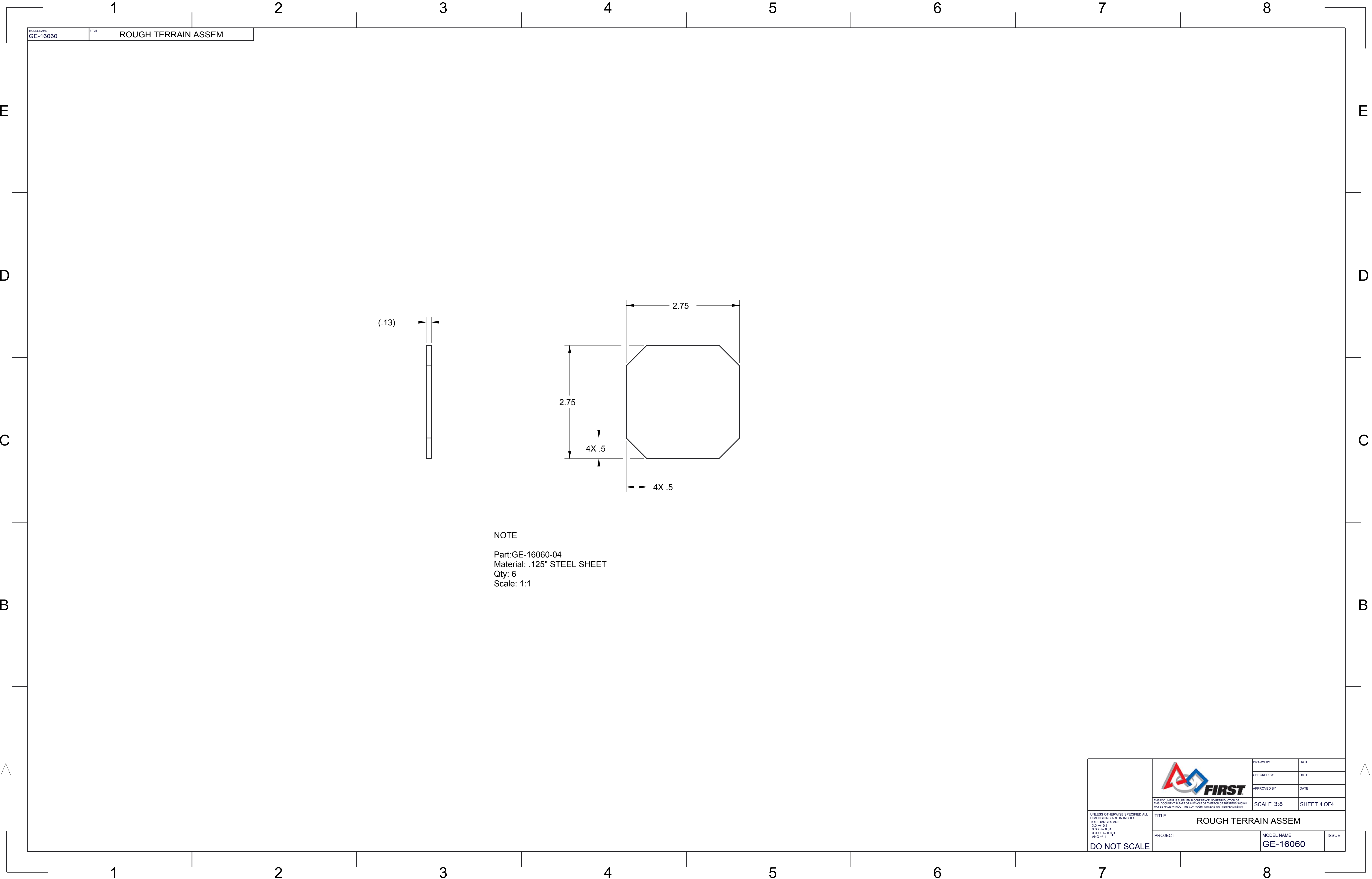
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°	TITLE Ramparts2		
	PROJECT	MODEL NAME GE-16057	ISSUE
DO NOT SCALE			

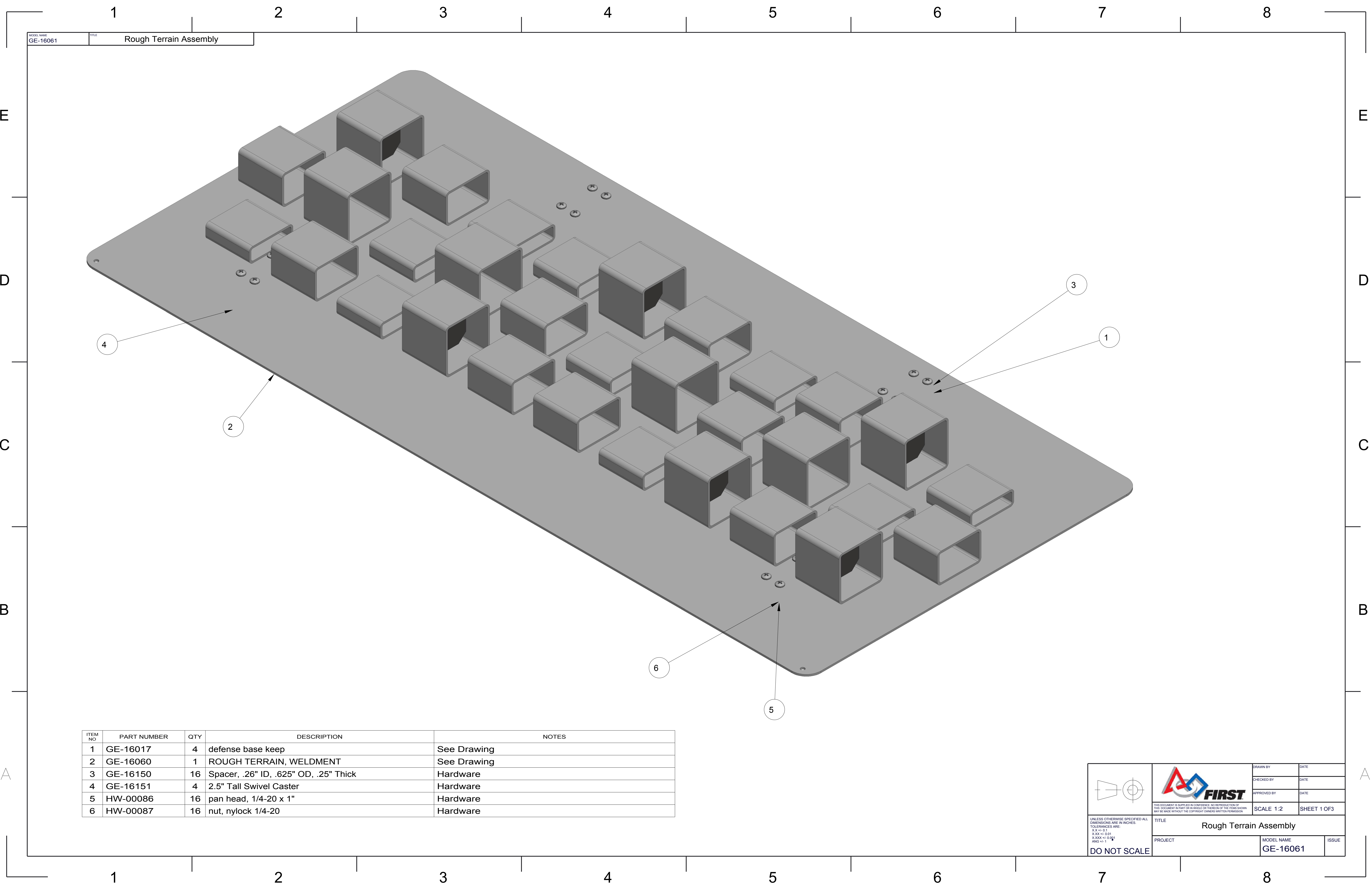




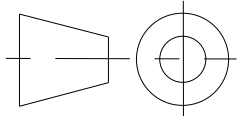


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TITLE		SCALE 3:8	SHEET 3 OF 4	
ROUGH TERRAIN ASSEM				
PROJECT	MODEL NAME		ISSUE	
	GE-16060			






ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16017	4	defense base keep	See Drawing
2	GE-16060	1	ROUGH TERRAIN, WELDMENT	See Drawing
3	GE-16150	16	Spacer, .26" ID, .625" OD, .25" Thick	Hardware
4	GE-16151	4	2.5" Tall Swivel Caster	Hardware
5	HW-00086	16	pan head, 1/4-20 x 1"	Hardware
6	HW-00087	16	nut, nylock 1/4-20	Hardware

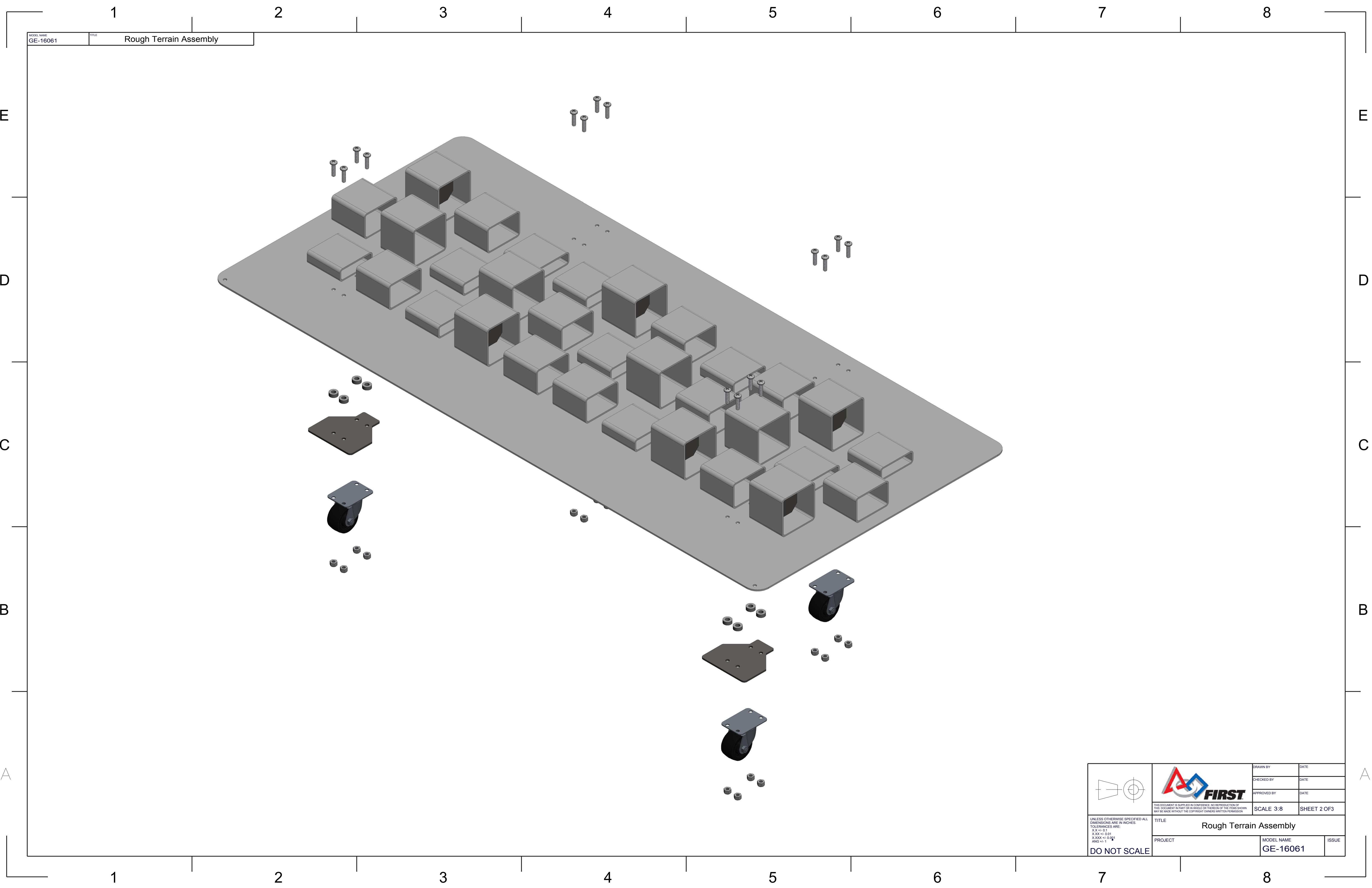


UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
X.XX ±.01
X.XXX ±.001
ANG ±.1
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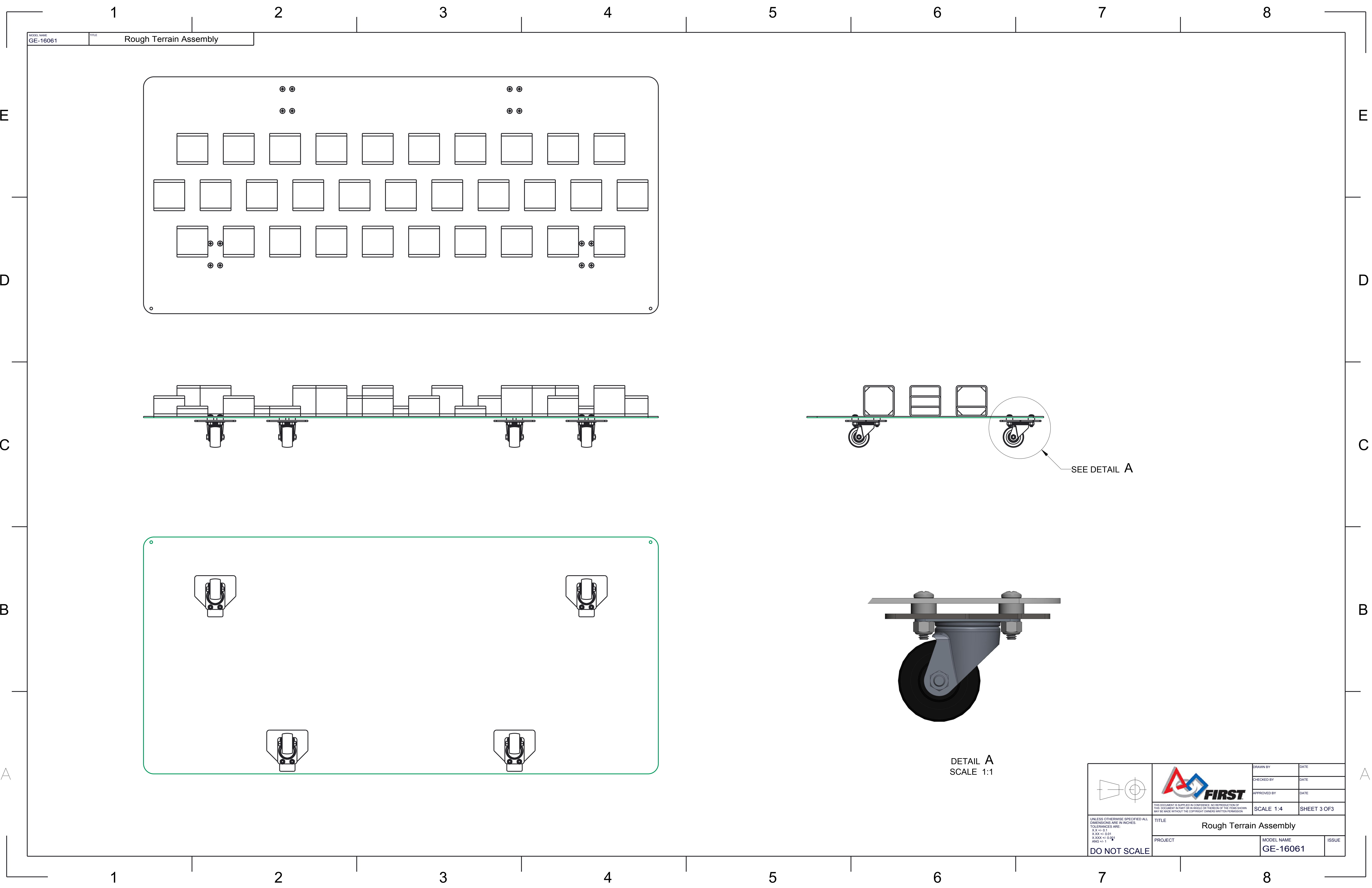
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SCALE 1:2	
SHEET 1 OF 3	
TITLE Rough Terrain Assembly	
PROJECT	MODEL NAME GE-16061
ISSUE	



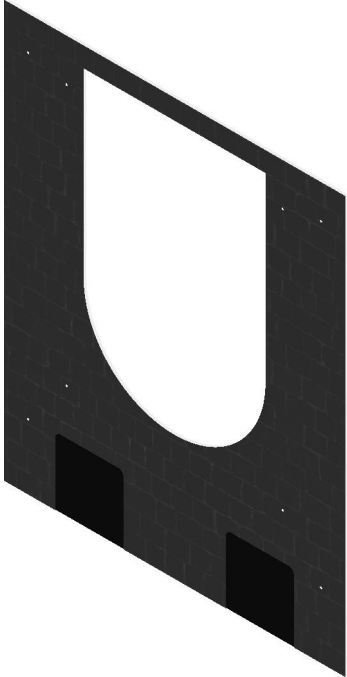
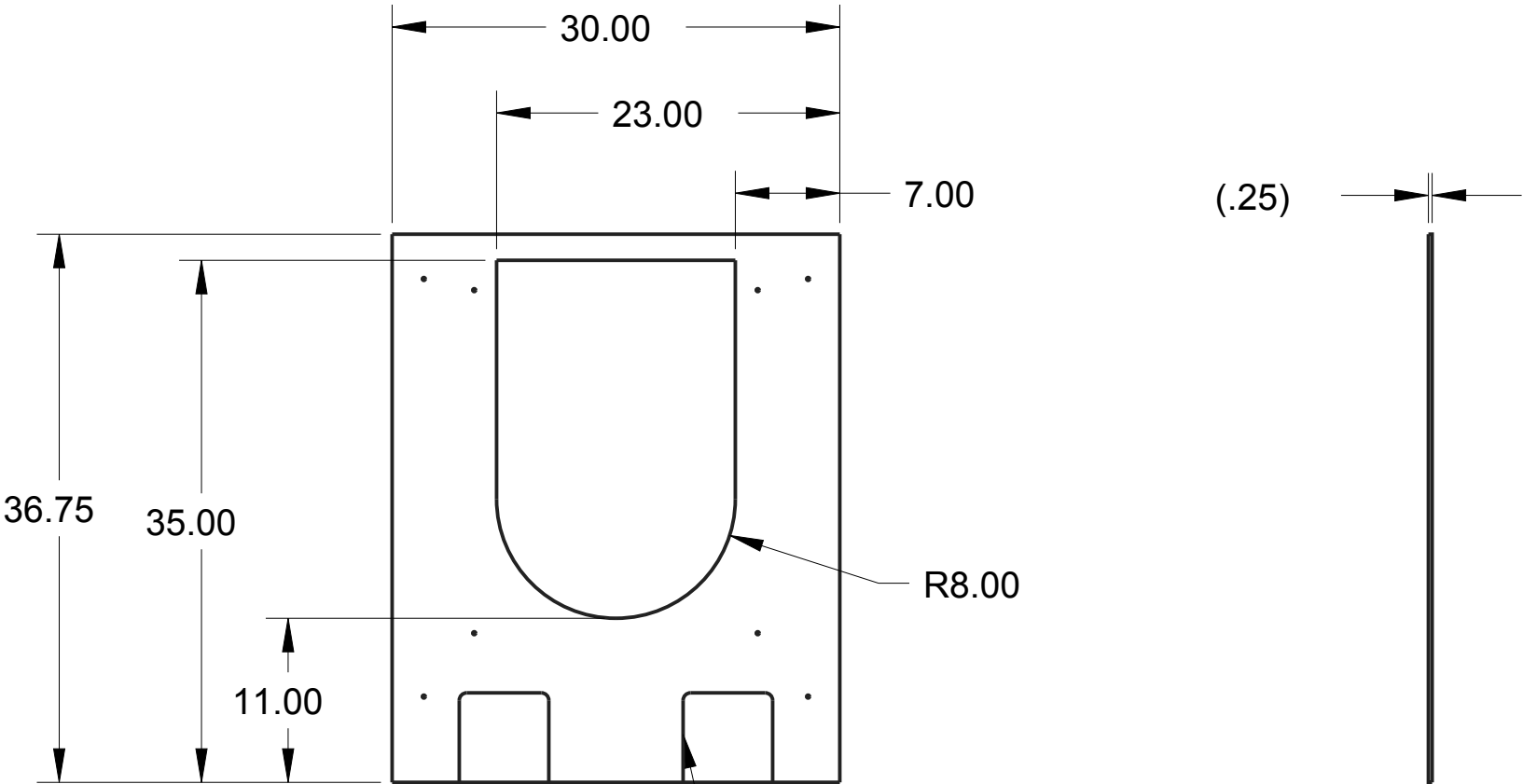
MODEL NAME
GE-16061

TITLE
Rough Terrain Assembly

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TITLE Rough Terrain Assembly			
PROJECT		MODEL NAME GE-16061	ISSUE

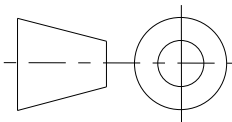



REV	ZONE	DESCRIPTION	INITIAL	DAF
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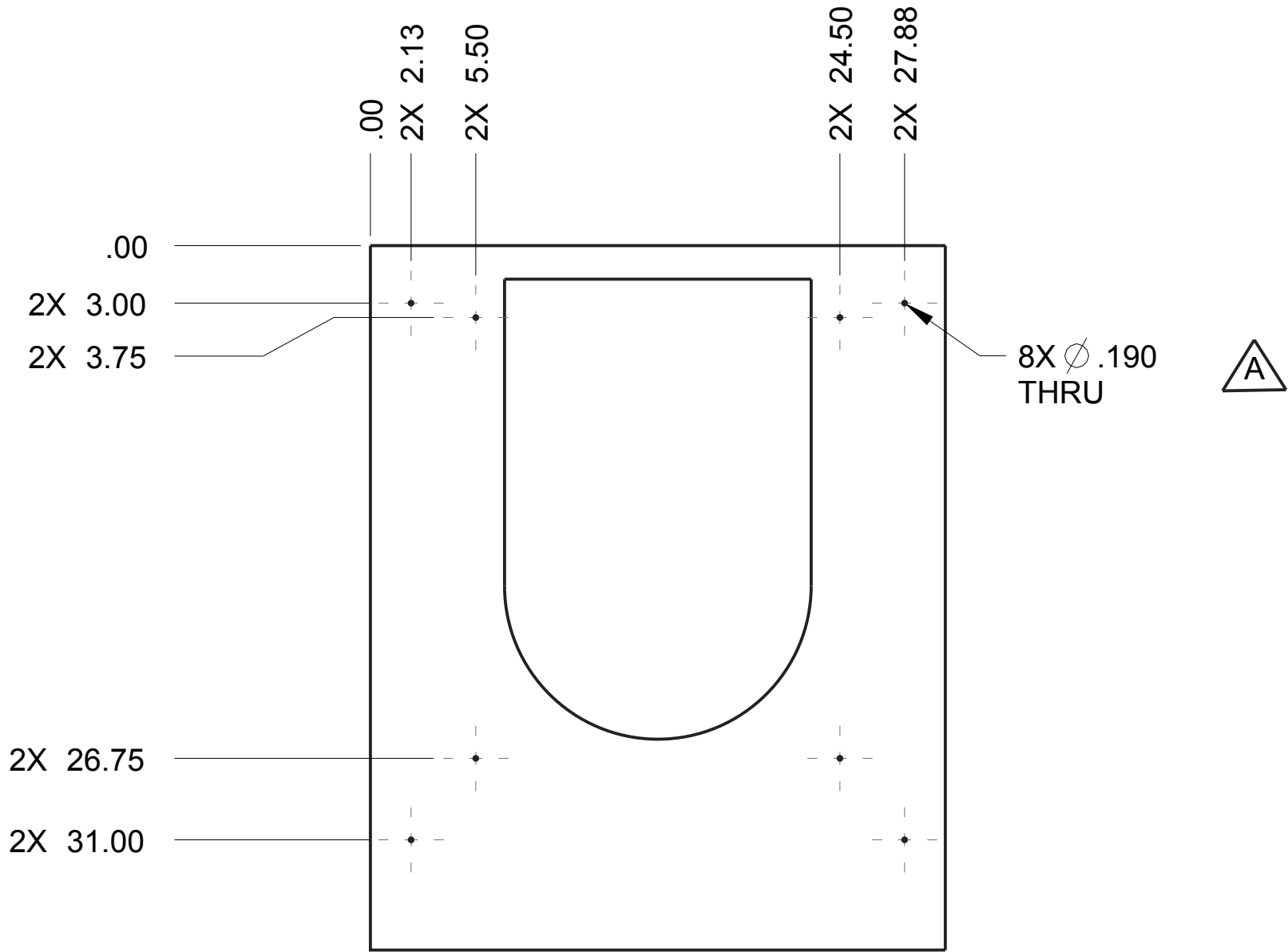



NOTES:
1. MATERIAL: 1/4" THICK POLYCARBONATE, CLEAR

RACK WALL PRINT ON ONE SIDE

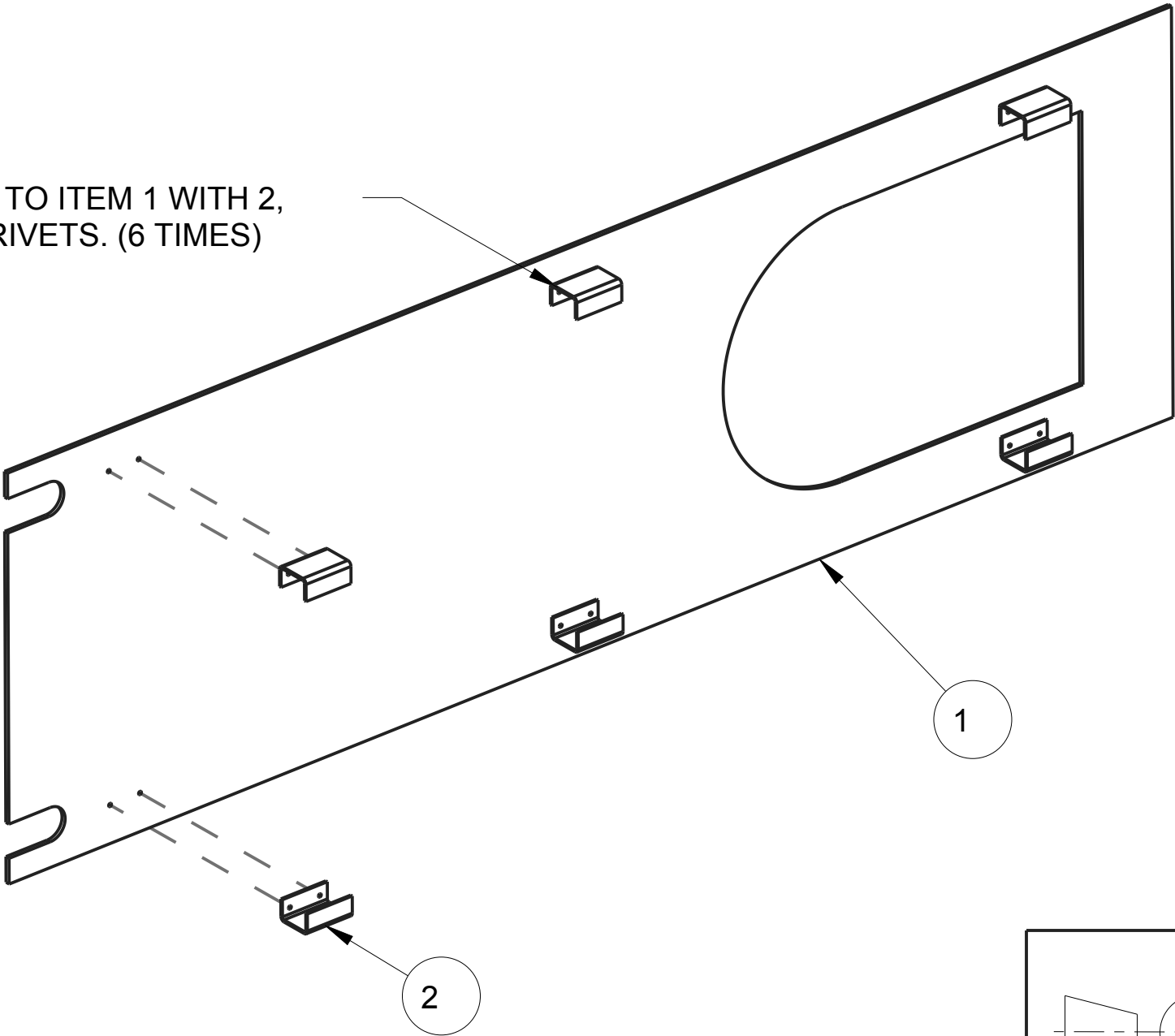
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TITLE <div>TOWER SIDE, HIGH GOAL</div>			
PROJECT		MODEL NAME GE-16067	ISSUE
DO NOT SCALE			

REV	ZONE	DESCRIPTION	INITIAL	DAF
A	C-3	ADDED .190 HOLE (QTY 8)	DAF	12/16/15



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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°	TITLE TOWER SIDE, HIGH GOAL		
	PROJECT	MODEL NAME GE-16067	ISSUE
	DO NOT SCALE		

ATTACH ITEM 2 TO ITEM 1 WITH 2,
3/16" RIVETS. (6 TIMES)



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16069	1	low goal plastic	
2	GE-16070	6	channel, low plastic	



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TITLE

LOW GOAL PLASTIC ASSEMBLY

PROJECT

MODEL NAME

GE-16068

ISSUE

DRAWN BY

CHECKED BY

APPROVED BY

DATE

DATE

DATE

SCALE 1:8

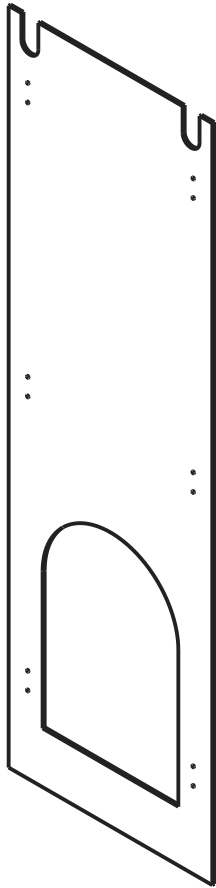
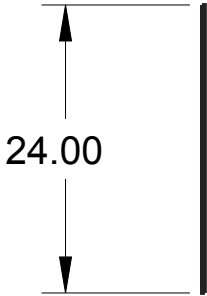
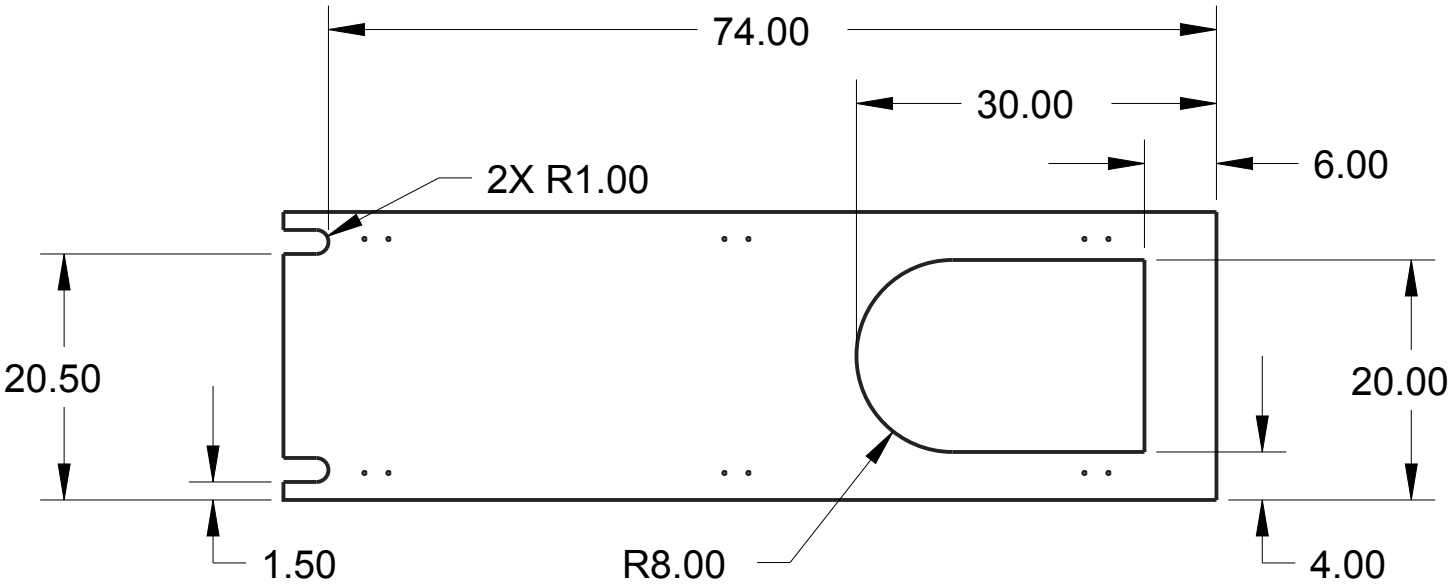
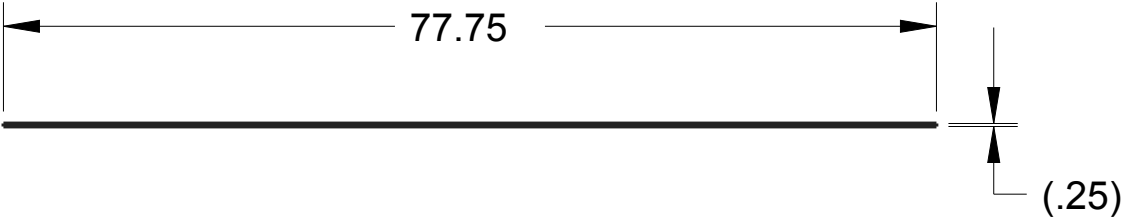
SHEET 1 OF1



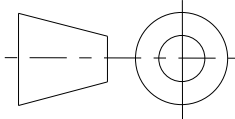
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X.X +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

DO NOT SCALE

ASME STANDARD.INC



NOTES:
1. MATERIAL: 1/4" THICK POLYCARBONATE, CLEAR



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

DO NOT SCALE



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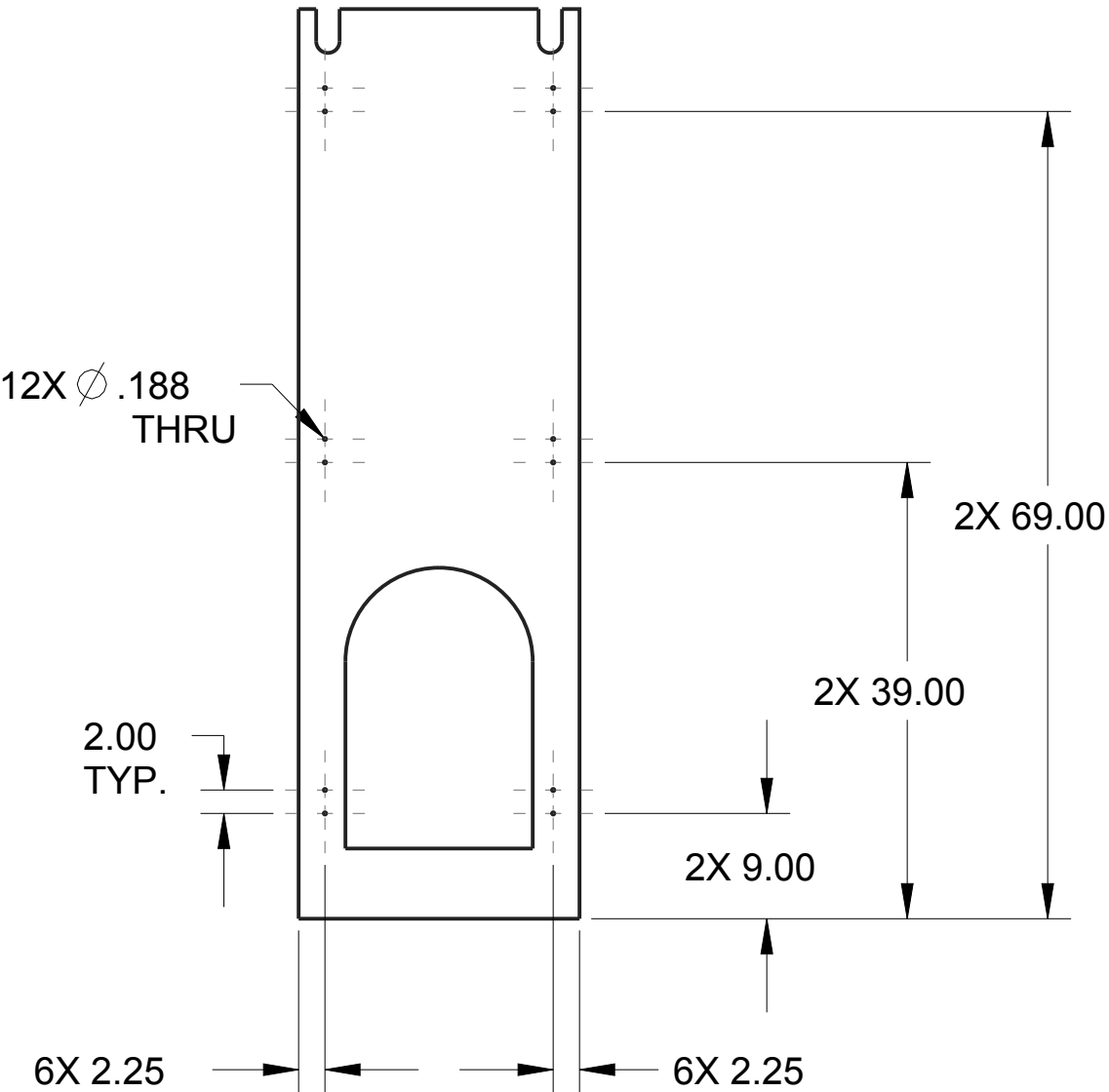
TITLE
LOW PLASTIC 1


PROJECT

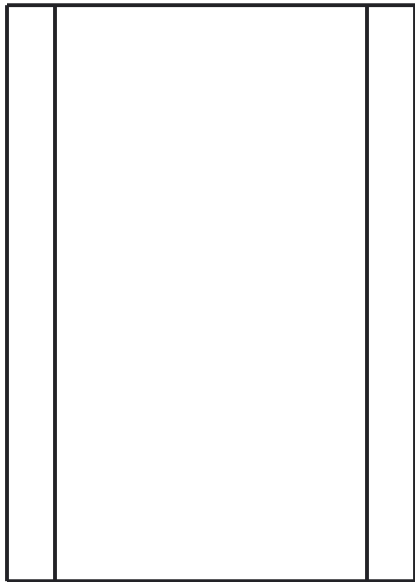
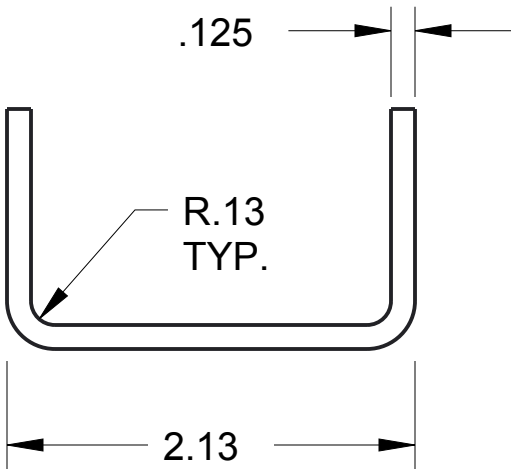
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SCALE 1:16	SHEET 1 OF 2

MODEL NAME
GE-16069

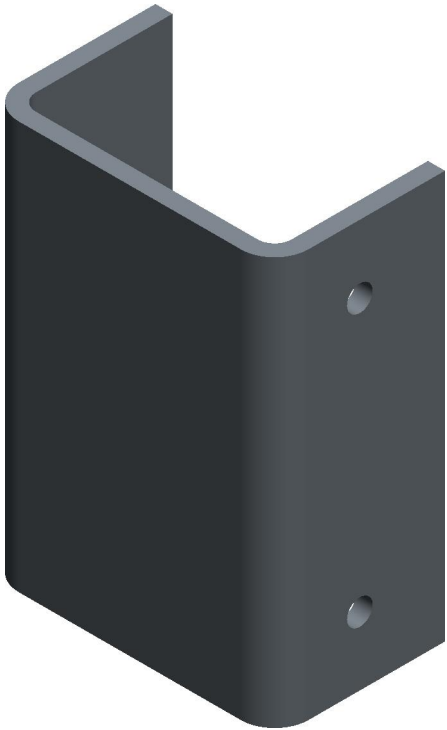
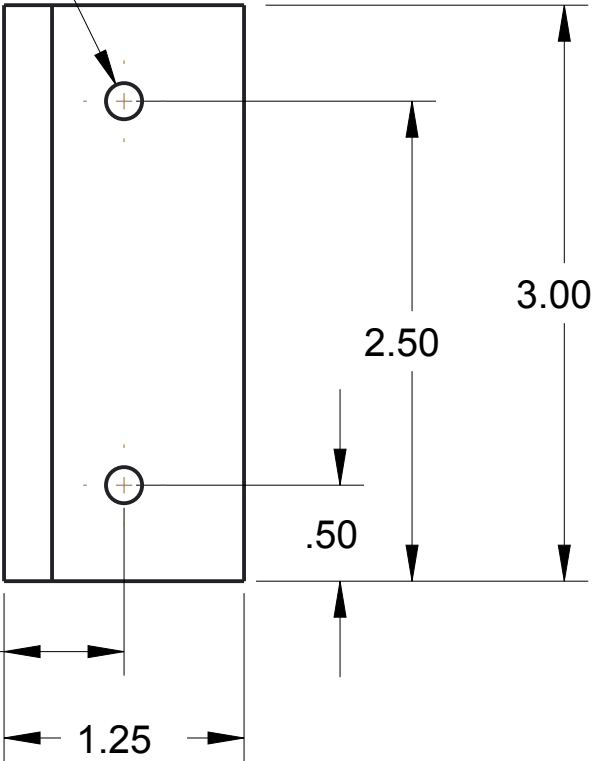
ISSUE




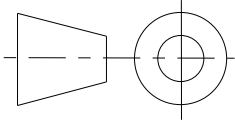
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			SCALE 1:16
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<div>PROJECT</div>		<div>MODEL NAME</div> <div>GE-16069</div>	<div>ISSUE</div>

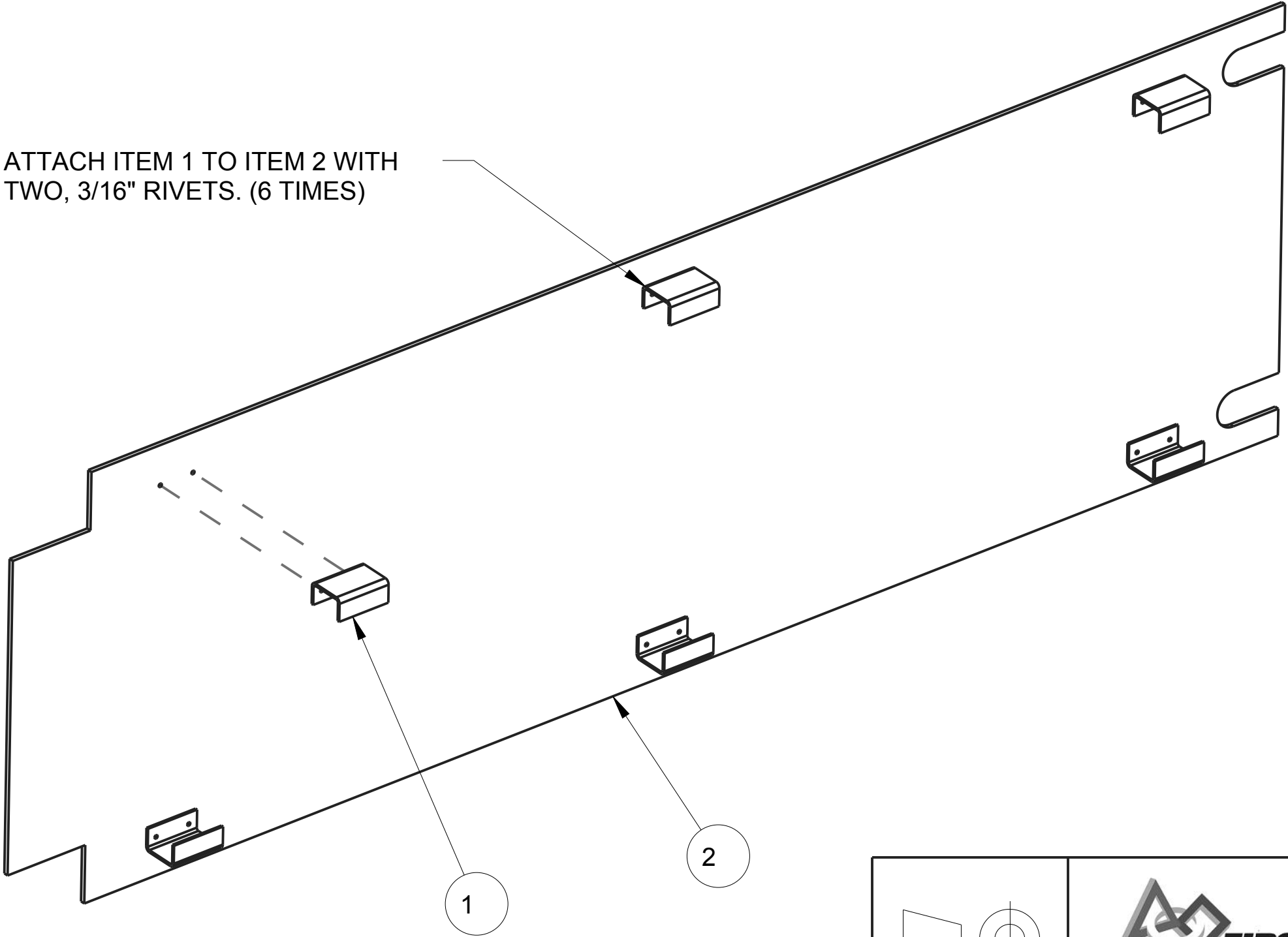


2X \varnothing .188
THRU ONE WALL




NOTES:
1. MATERIAL: 1/8" THICK 5052 ALUMINUM

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	APPROVED BY	DATE
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	TITLE CHANNEL, PLASTIC MOUNTING	
	PROJECT	MODEL NAME GE-16070
		ISSUE

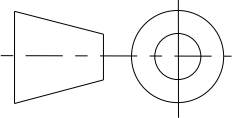


ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
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2	GE-16072	1	low plastic	



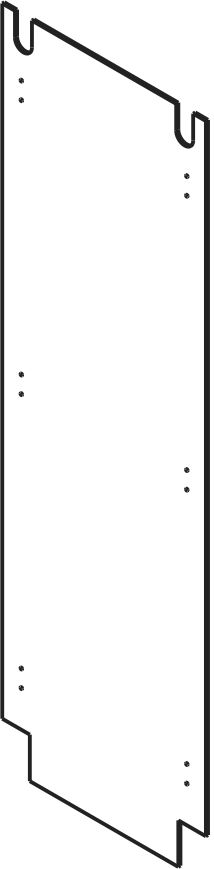
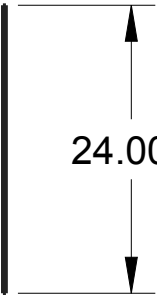
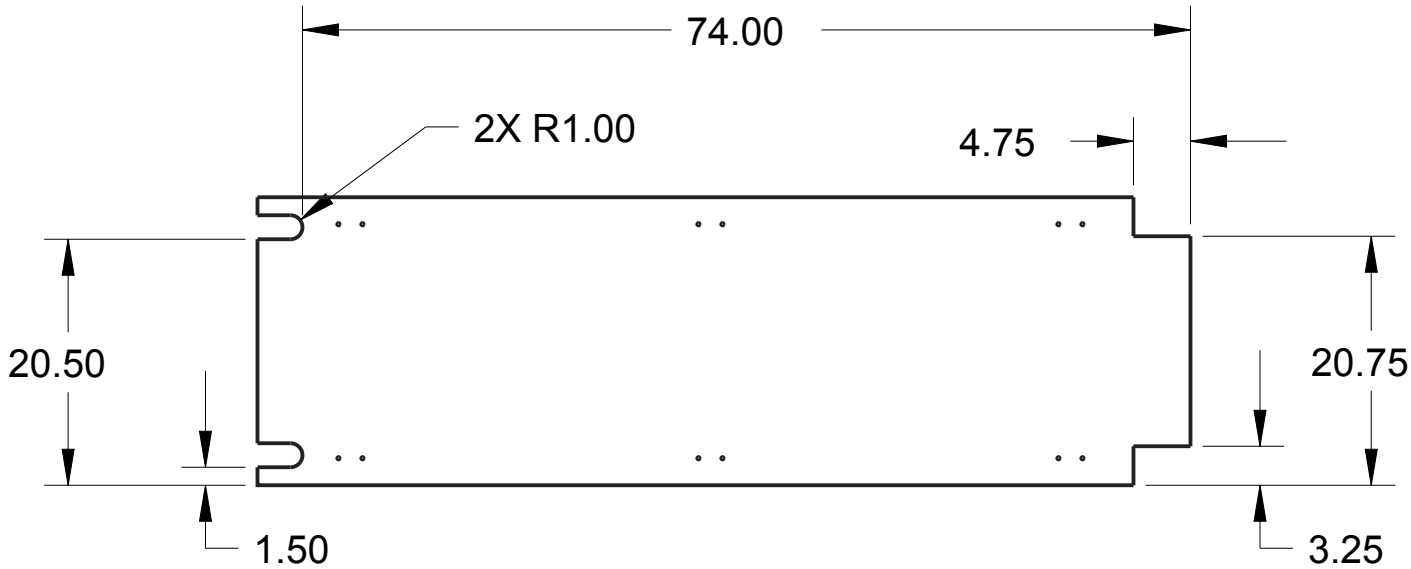
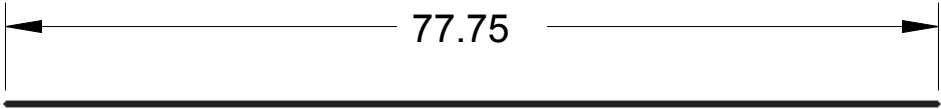
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SCALE 1:6	SHEET 1 OF 1
TITLE LOW PLASTIC ASSEMBLY	
PROJECT	MODEL NAME GE-16071
ISSUE	

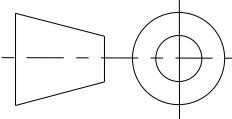


UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
X.X +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

DO NOT SCALE



NOTES:
1. MATERIAL: 1/4" THICK POLYCARBONATE, CLEAR



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

DO NOT SCALE



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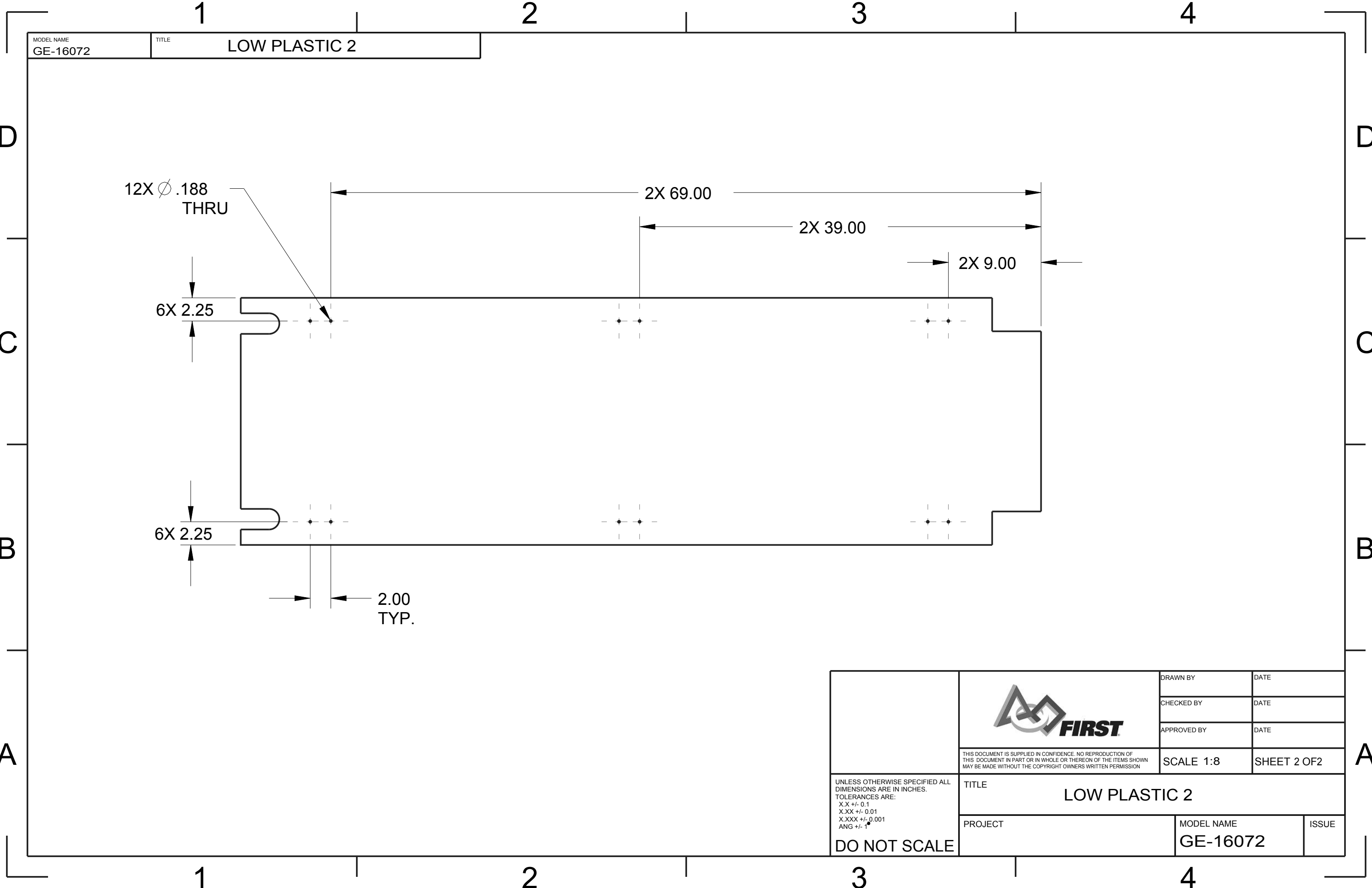
TITLE
LOW PLASTIC 2


PROJECT

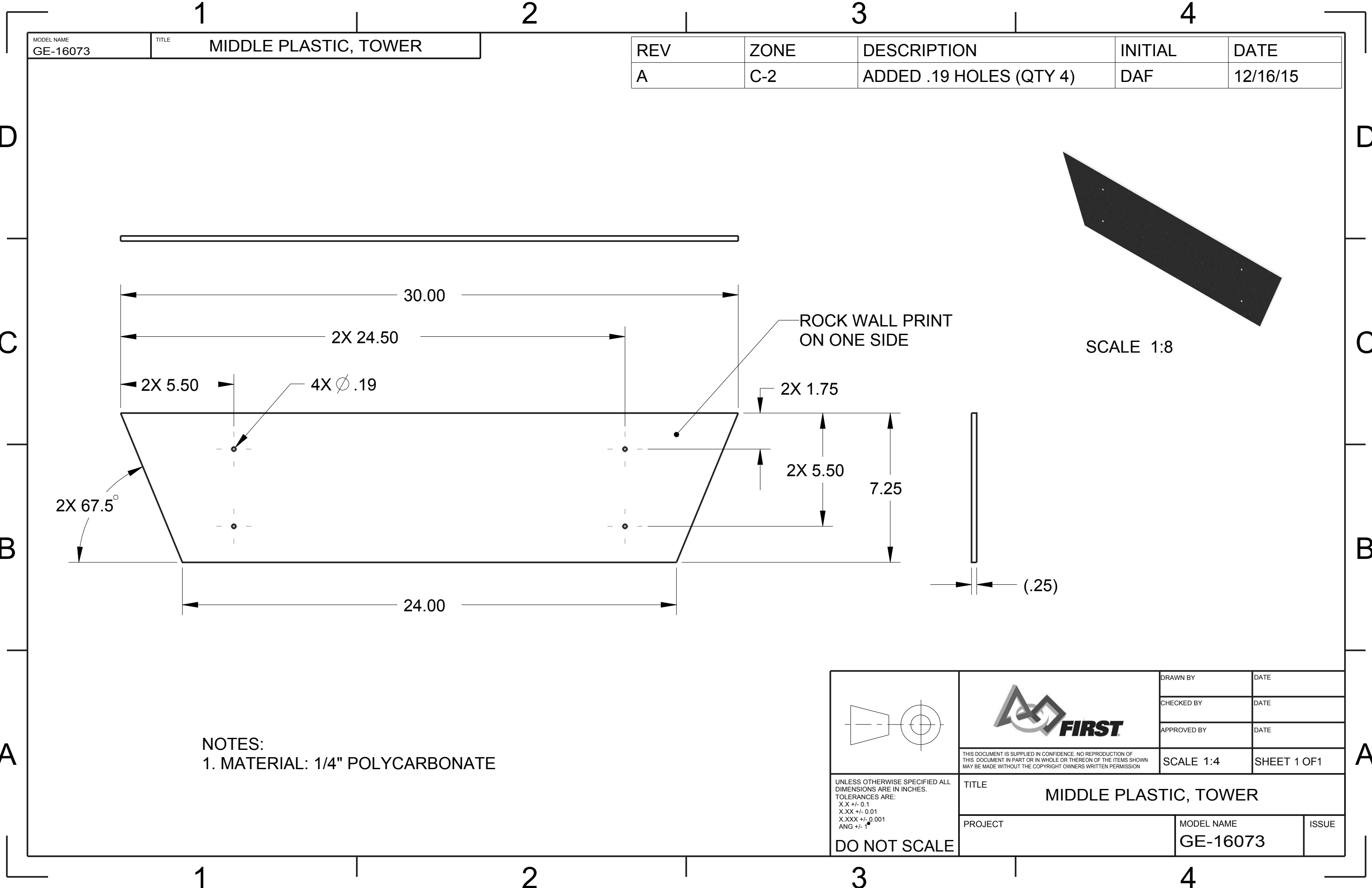
DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:16	SHEET 1 OF 2

MODEL NAME
GE-16072

ISSUE


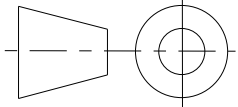


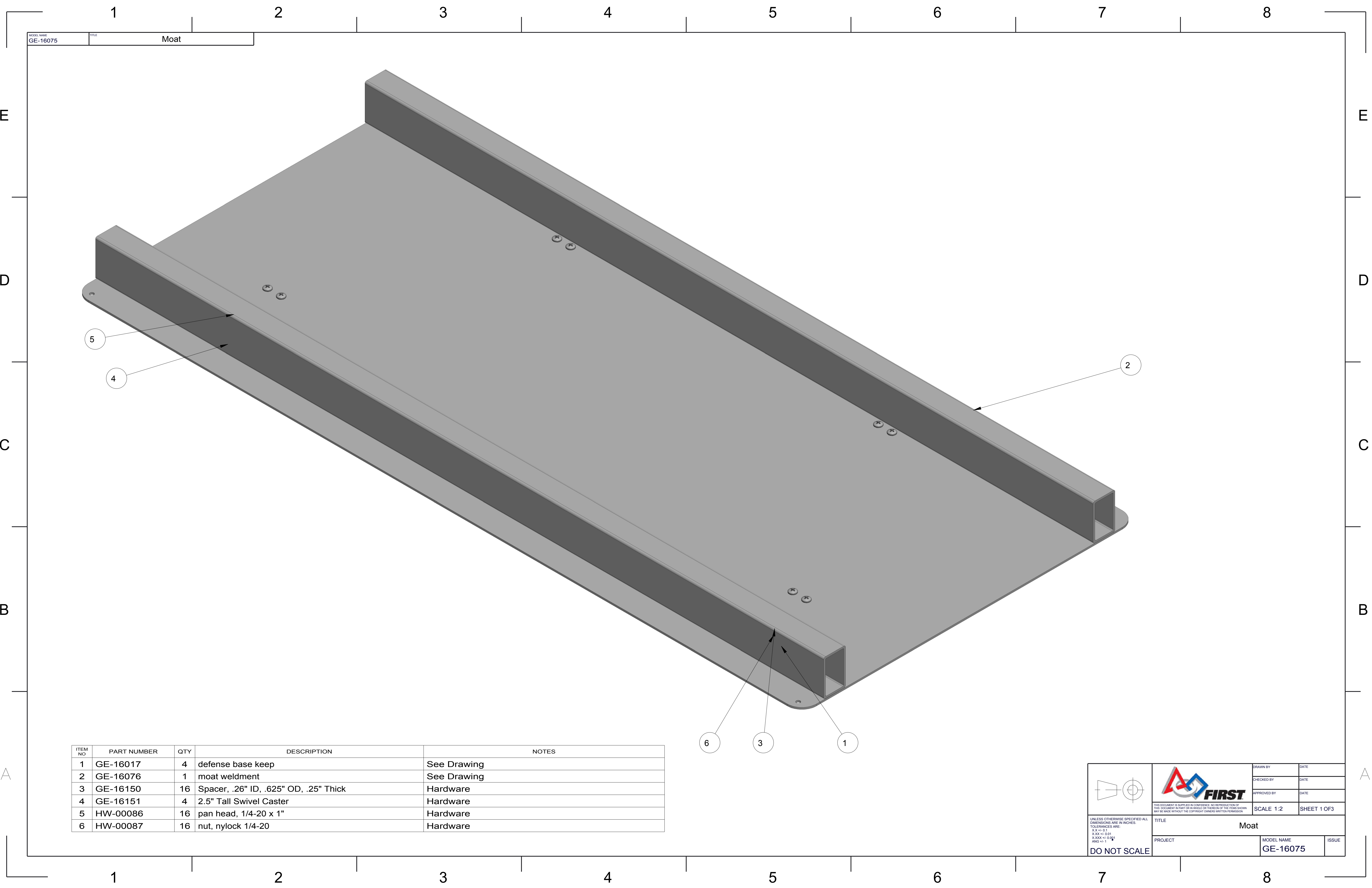
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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:8	SHEET 2 OF2
TITLE <div>LOW PLASTIC 2</div>			
PROJECT		MODEL NAME GE-16072	ISSUE



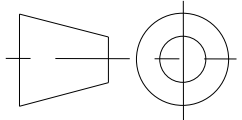
MODEL NAME GE-16073	TITLE MIDDLE PLASTIC, TOWER	REV A	ZONE C-2	DESCRIPTION ADDED .19 HOLES (QTY 4)	INITIAL DAF	DATE 12/16/15
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NOTES:
1. MATERIAL: 1/4" POLYCARBONATE

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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:4	SHEET 1 OF 1
 <small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°</small> DO NOT SCALE	TITLE MIDDLE PLASTIC, TOWER	
	PROJECT	MODEL NAME GE-16073 ISSUE




ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16017	4	defense base keep	See Drawing
2	GE-16076	1	moat weldment	See Drawing
3	GE-16150	16	Spacer, .26" ID, .625" OD, .25" Thick	Hardware
4	GE-16151	4	2.5" Tall Swivel Caster	Hardware
5	HW-00086	16	pan head, 1/4-20 x 1"	Hardware
6	HW-00087	16	nut, nylock 1/4-20	Hardware



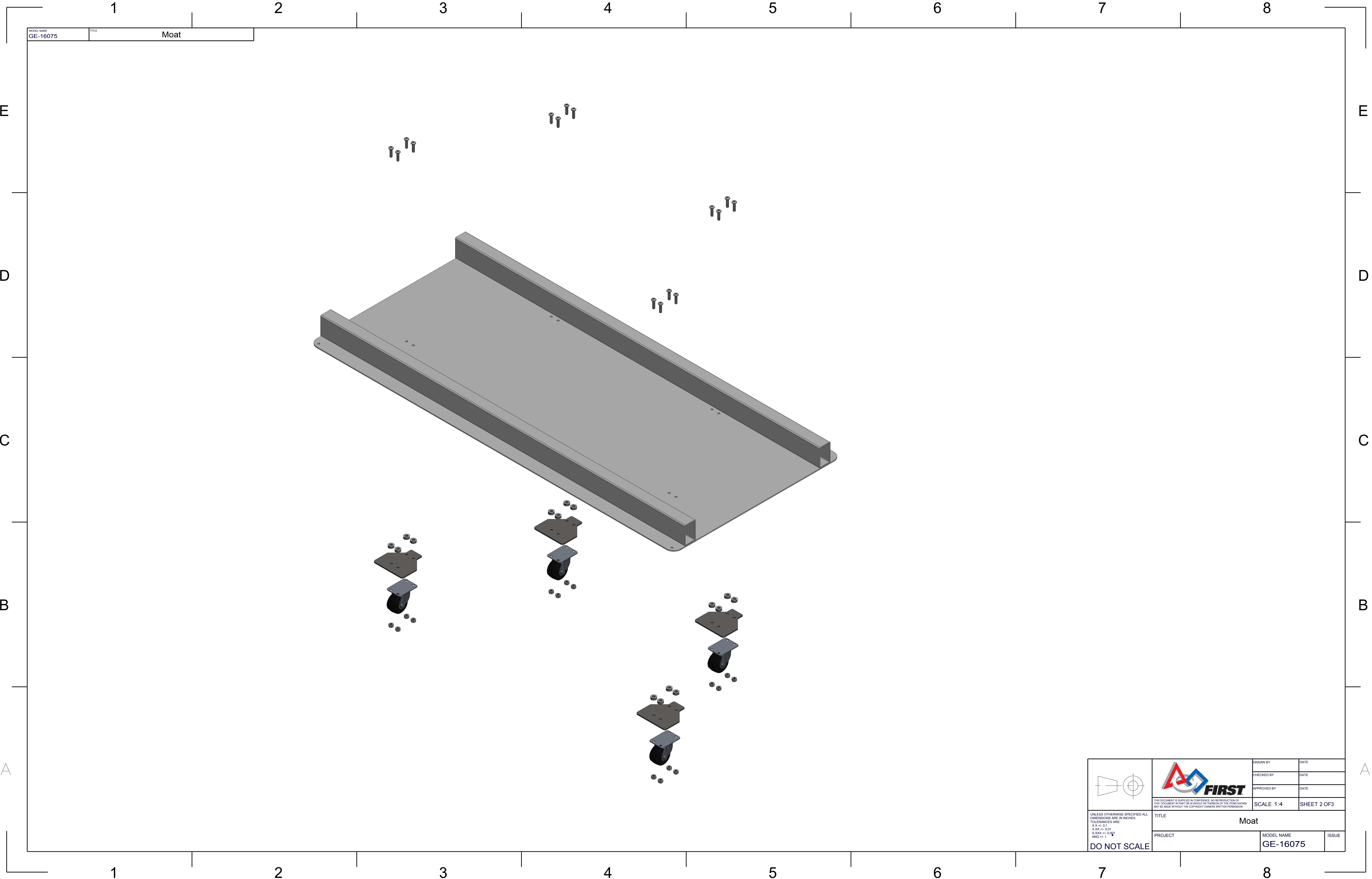
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.
X.XX +/- 0.1
X.XXX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1

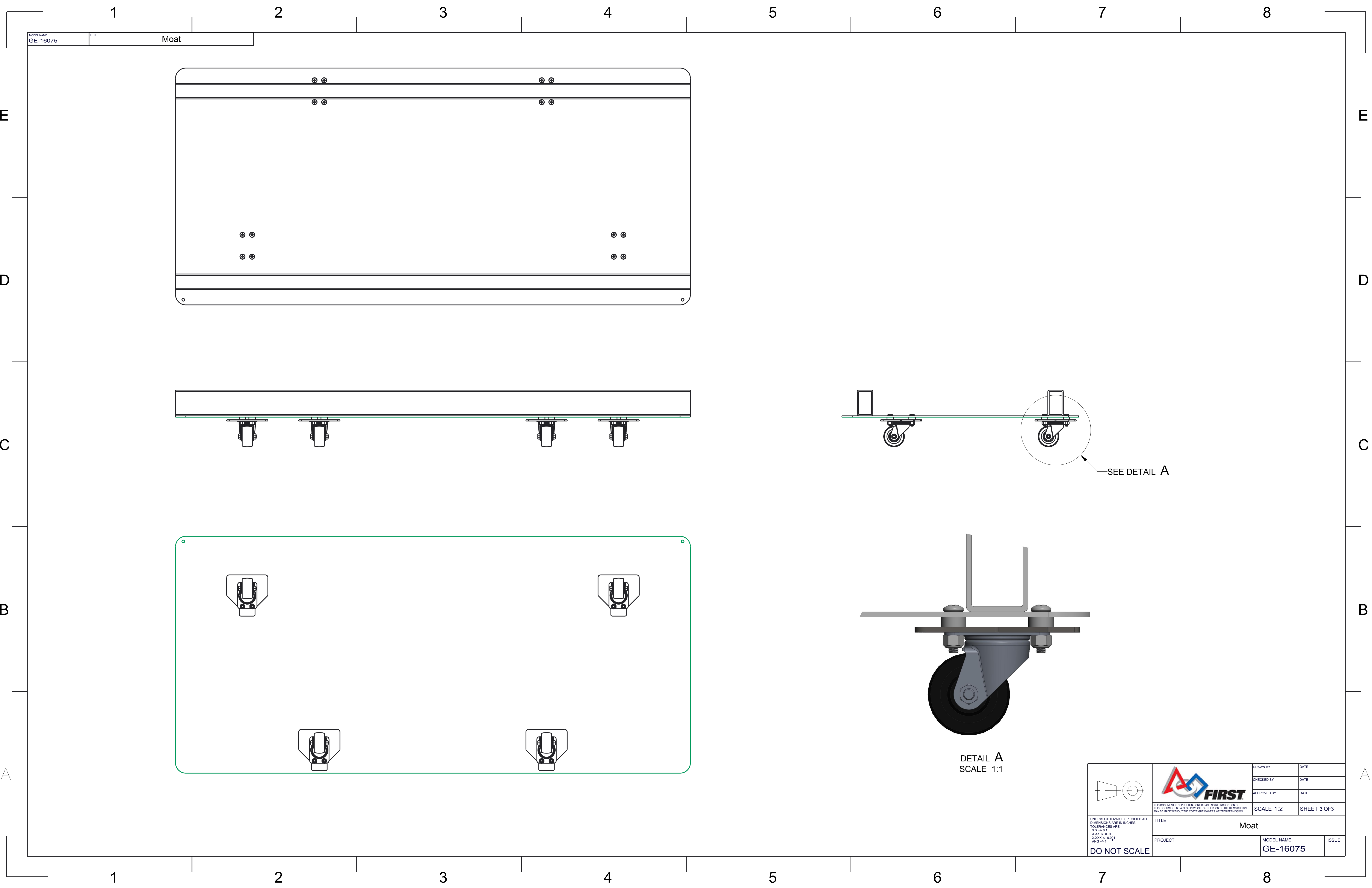
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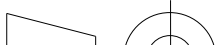

DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:2	
SHEET 1 OF 3	
TITLE Moat	
PROJECT	MODEL NAME GE-16075
ISSUE	

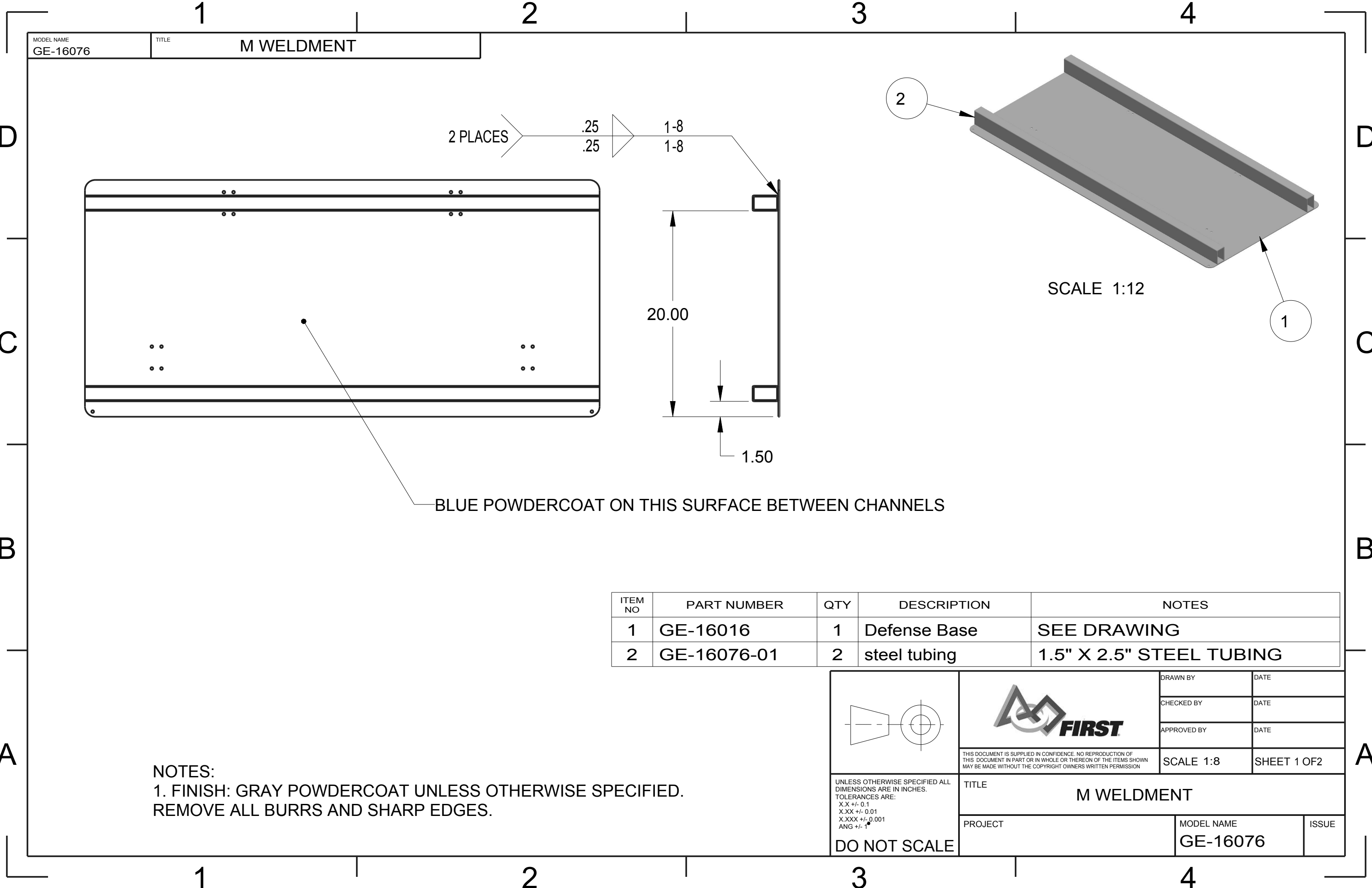




MODEL NAME
GE-16075

TITLE
Moat

 <small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1</small> DO NOT SCALE	 <small>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE FOR OTHERS OF THE FIRM SHALL BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION</small>	DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:2	
TITLE Moat			
PROJECT	MODEL NAME GE-16075		ISSUE



MODEL NAME
GE-16076

TITLE
M WELDMENT

2 PLACES

.25
.25

1-8
1-8

20.00

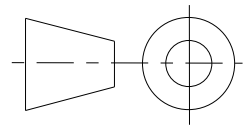
1.50

SCALE 1:12

BLUE POWDERCOAT ON THIS SURFACE BETWEEN CHANNELS

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16016	1	Defense Base	SEE DRAWING
2	GE-16076-01	2	steel tubing	1.5" X 2.5" STEEL TUBING

NOTES:
1. FINISH: GRAY POWDERCOAT UNLESS OTHERWISE SPECIFIED.
REMOVE ALL BURRS AND SHARP EDGES.



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

DO NOT SCALE



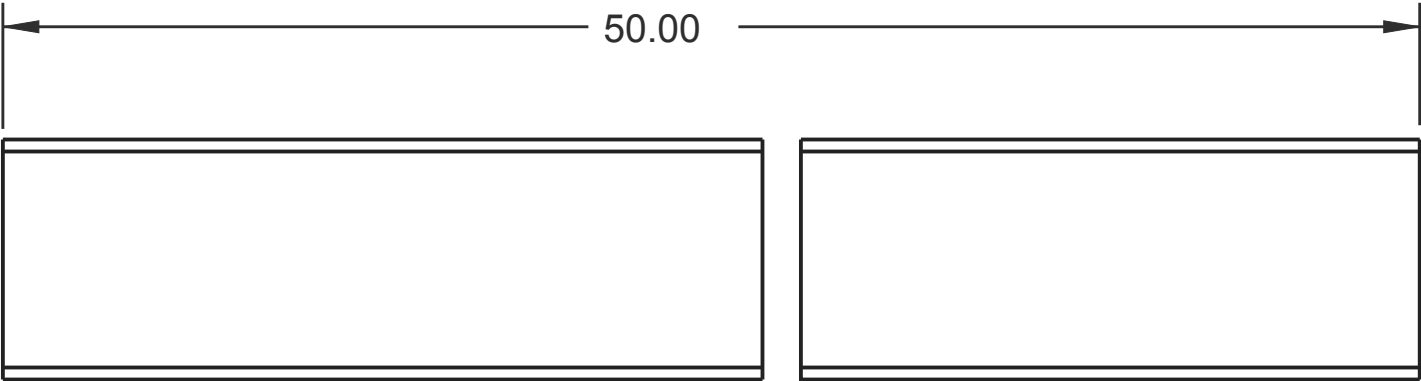
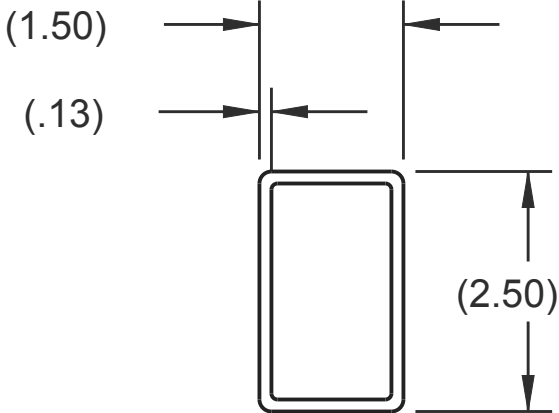
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TITLE
M WELDMENT


PROJECT

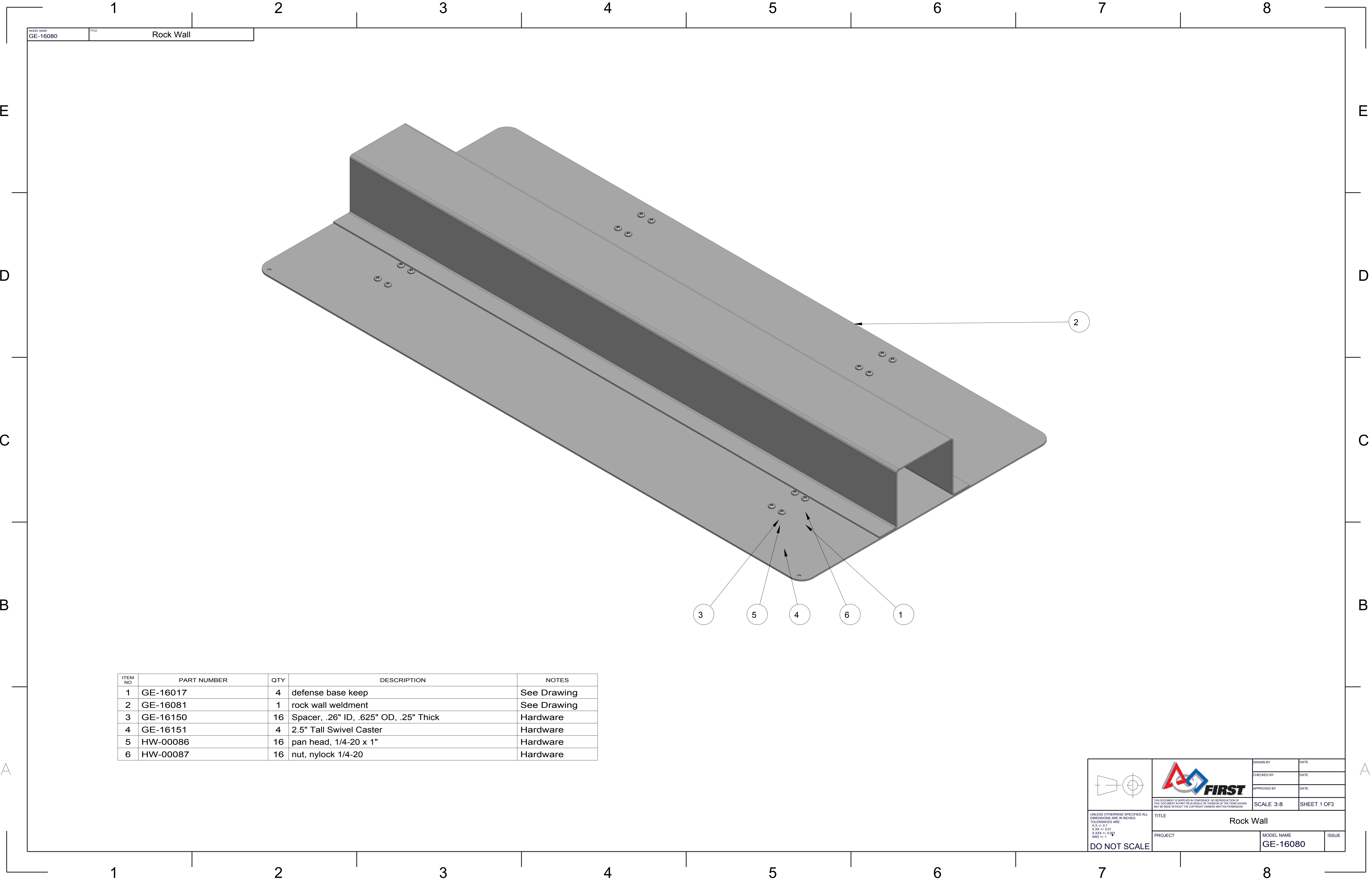
DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:8	SHEET 1 OF 2

MODEL NAME GE-16076	ISSUE
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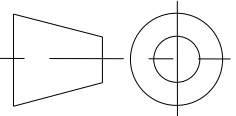


PART: GE-16076-01
QTY: 2
MATERIAL: 1.5" X 2.5" X .125" STEEL TUBING

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°	TITLE M WELDMENT		
	PROJECT	MODEL NAME GE-16076	ISSUE
DO NOT SCALE			




ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16017	4	defense base keep	See Drawing
2	GE-16081	1	rock wall weldment	See Drawing
3	GE-16150	16	Spacer, .26" ID, .625" OD, .25" Thick	Hardware
4	GE-16151	4	2.5" Tall Swivel Caster	Hardware
5	HW-00086	16	pan head, 1/4-20 x 1"	Hardware
6	HW-00087	16	nut, nylock 1/4-20	Hardware



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

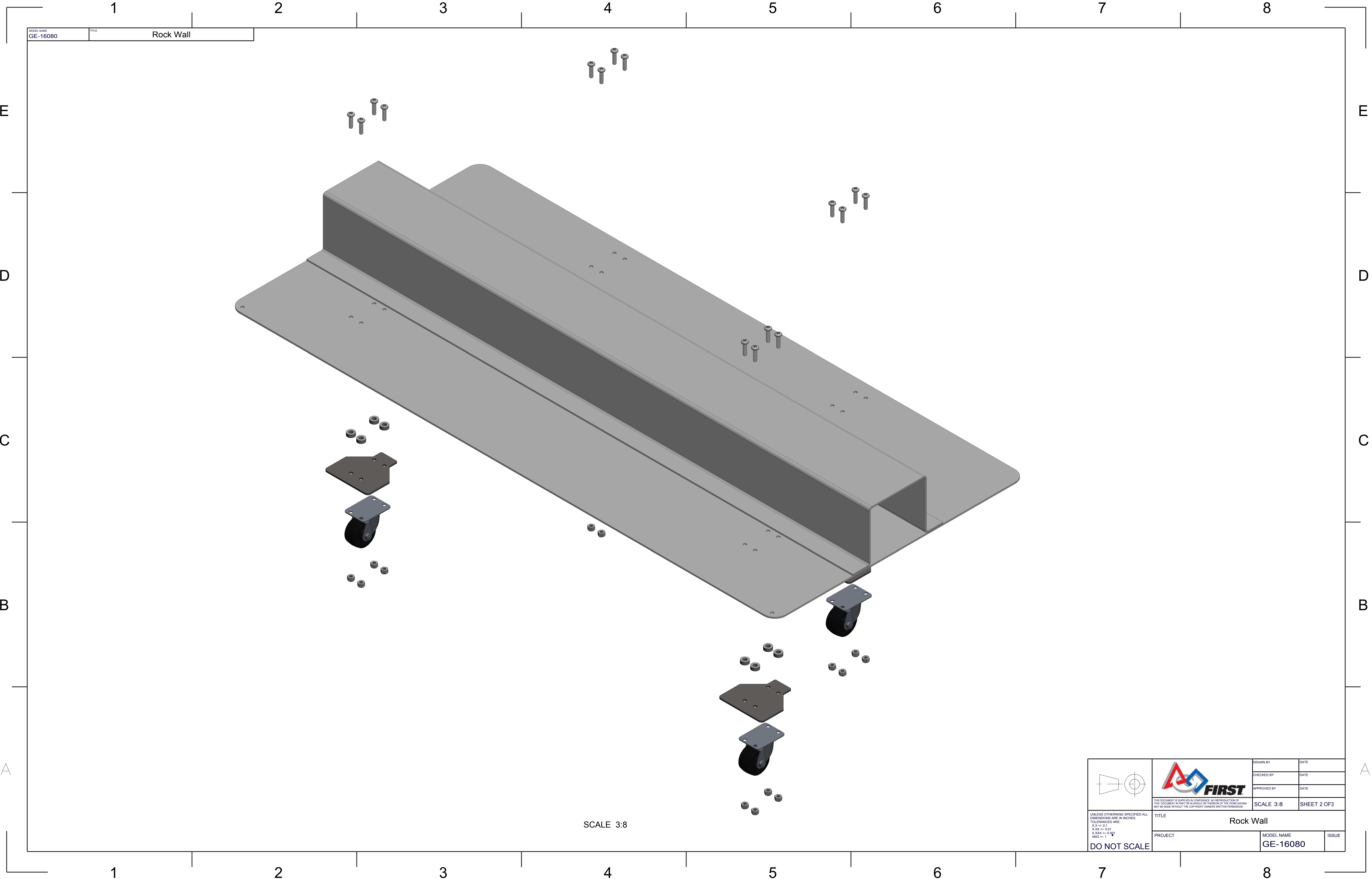
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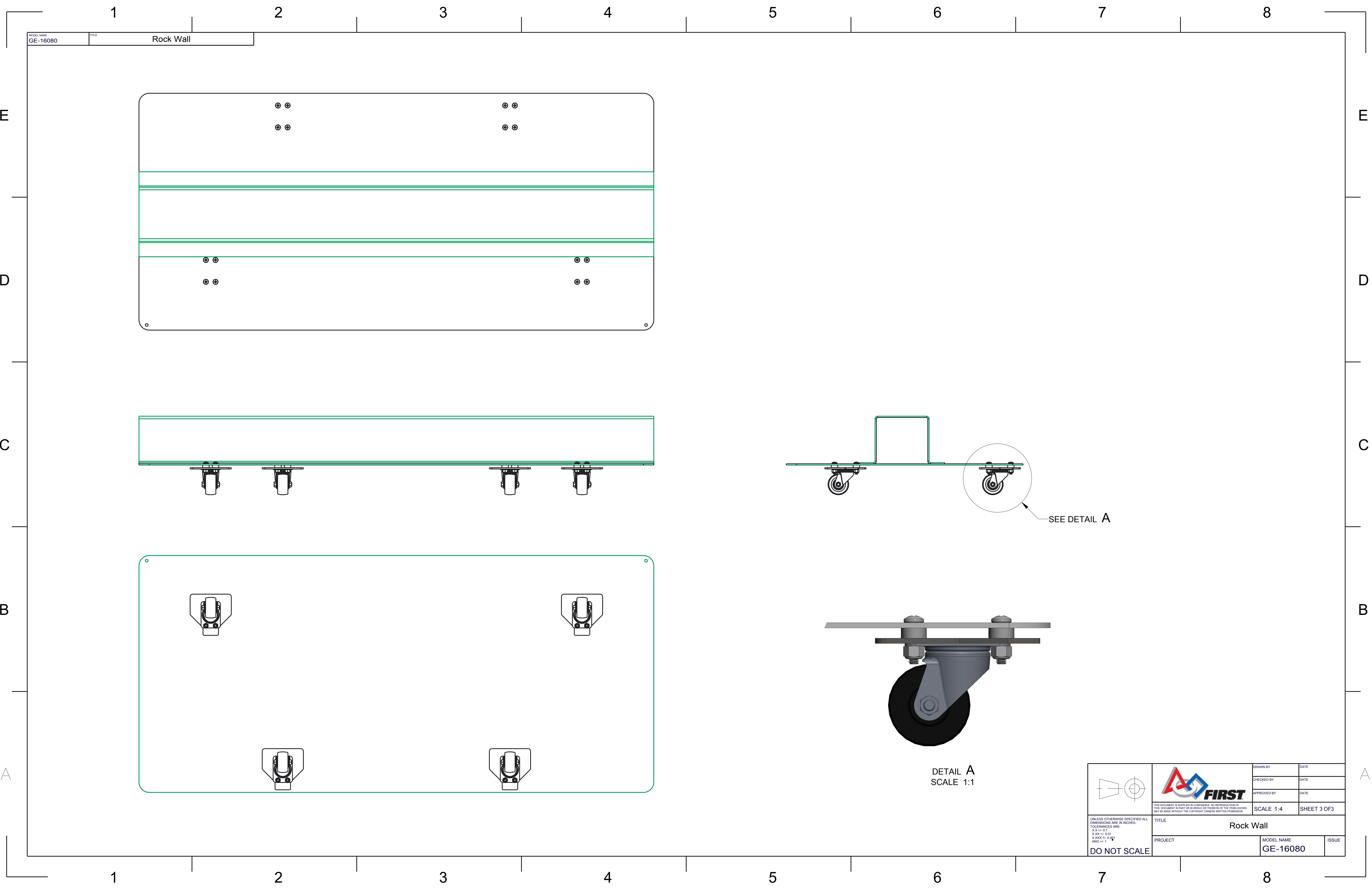
DRAWN BY	DATE	
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APPROVED BY	DATE	
TITLE Rock Wall		
PROJECT	MODEL NAME GE-16080	ISSUE

SCALE 3:8SHEET 1 OF3



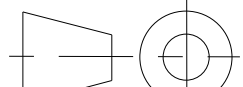

SCALE 3:8

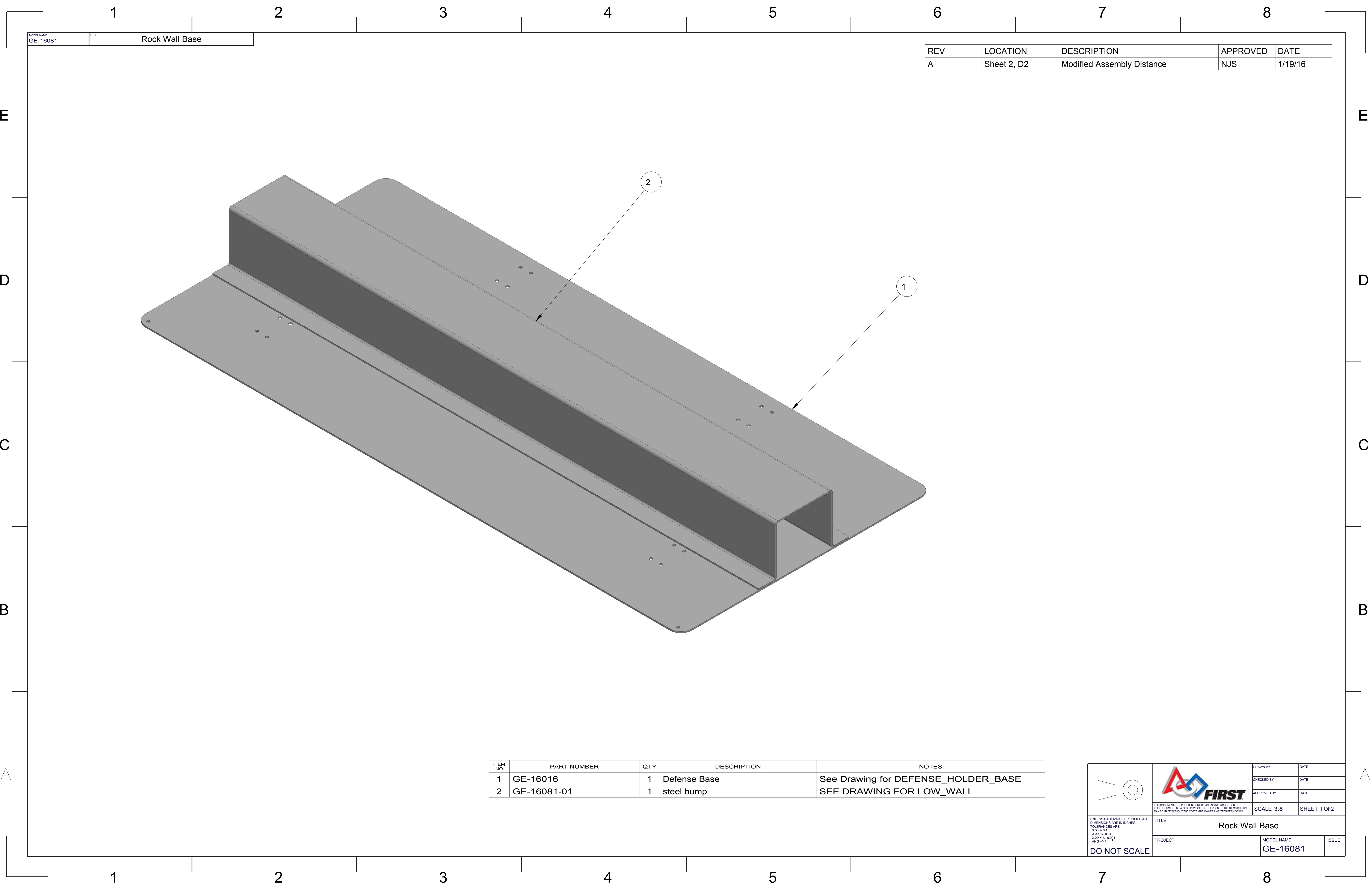
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		CHECKED BY	DATE		
		APPROVED BY	DATE		
		SCALE 3:8		SHEET 2 OF 3	
TITLE		Rock Wall			
PROJECT		MODEL NAME		ISSUE	
		GE-16080			



MODEL NAME
GE-16080

TITLE
Rock Wall

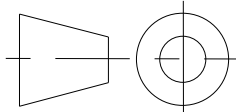
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			CHECKED BY	DATE
			APPROVED BY	DATE
	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.XX +/- 0.2 X.XXX +/- 0.001 ANG +/- 1		SCALE 1:4	SHEET 3 OF 3
TITLE		Rock Wall		
PROJECT		MODEL NAME GE-16080		ISSUE
DO NOT SCALE				



MODEL NAME	TITLE
GE-16081	Rock Wall Base


REV	LOCATION	DESCRIPTION	APPROVED	DATE
A	Sheet 2, D2	Modified Assembly Distance	NJS	1/19/16

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16016	1	Defense Base	See Drawing for DEFENSE HOLDER_BASE
2	GE-16081-01	1	steel bump	SEE DRAWING FOR LOW_WALL



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

DO NOT SCALE

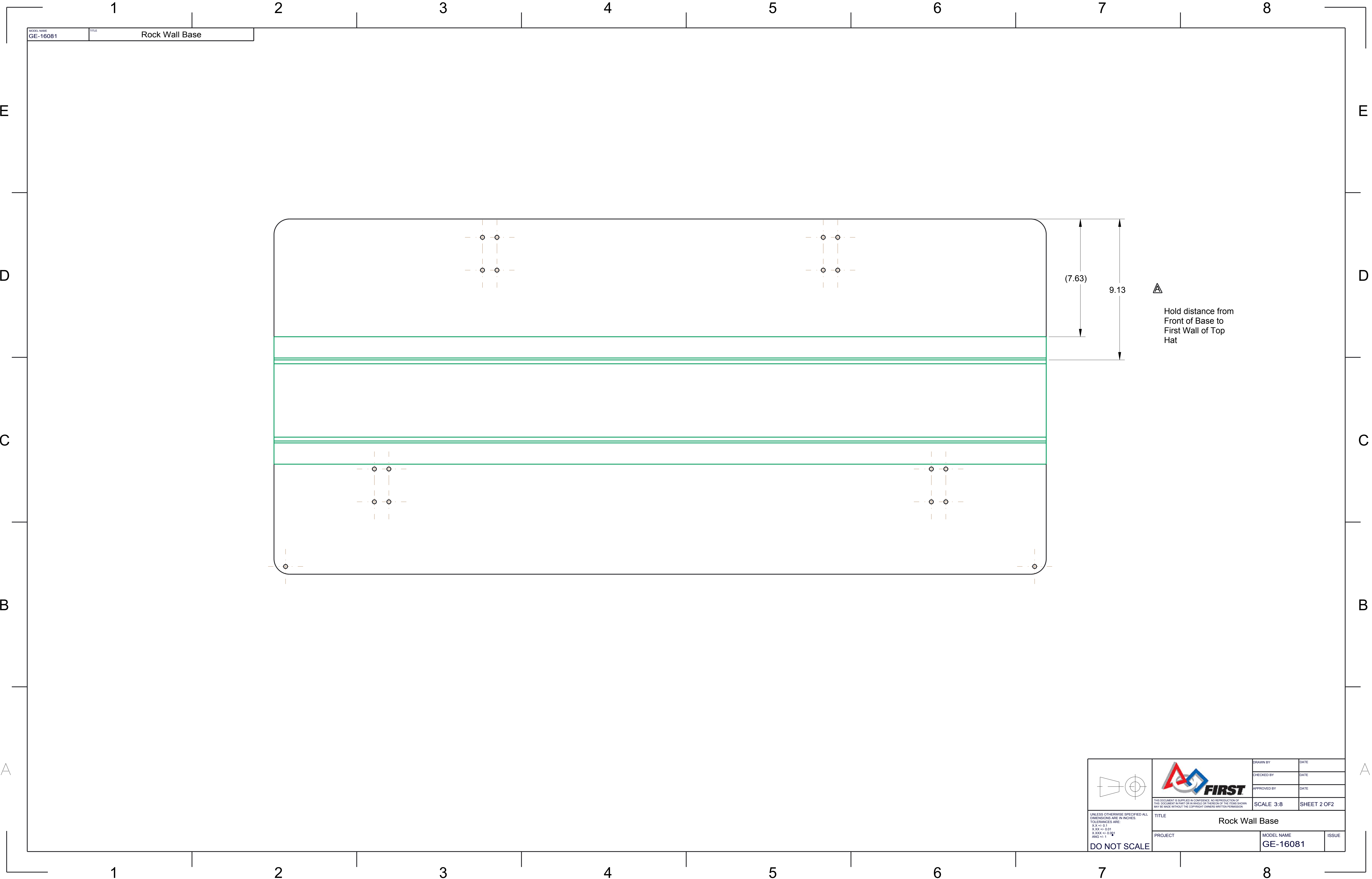


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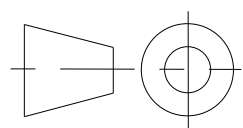

TITLE
Rock Wall Base

PROJECT

DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 3:8	SHEET 1 OF 2
MODEL NAME GE-16081	ISSUE



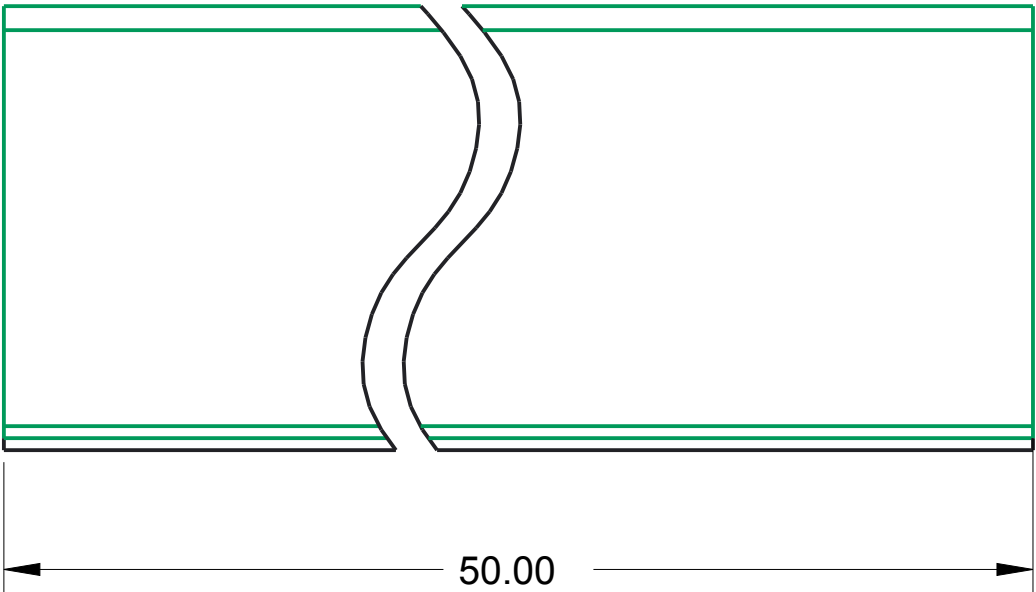
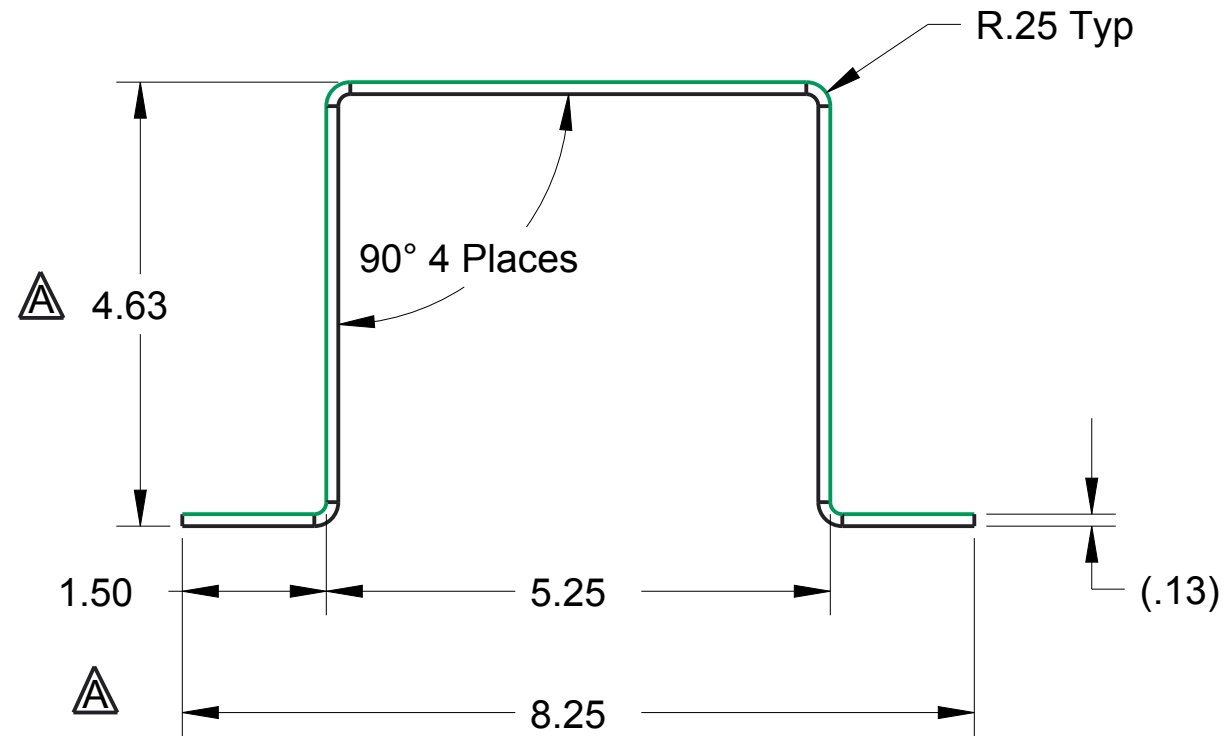
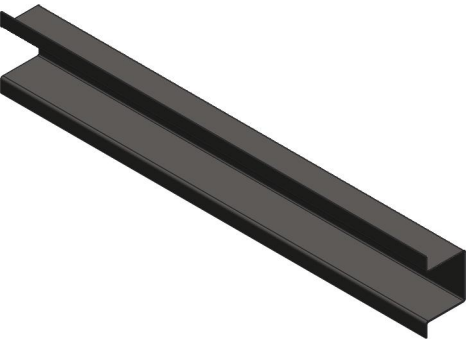
Hold distance from
Front of Base to
First Wall of Top
Hat

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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 3:8	SHEET 2 OF 2
TITLE Rock Wall Base			
PROJECT		MODEL NAME GE-16081	ISSUE

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

DO NOT SCALE

REV	LOCATION	DESCRIPTION	APPROVED	DATE
A	B1 B1 A1	Adjusted dimensions Moved Height Dim to bottom of part Adjusted Material Note	NJS	1/19/16



NOTE

Material: Steel Sheet, .125" Thick
Scale: 1:2

Remove all burrs and sharp edges

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

DO NOT SCALE

DRAWN BY

CHECKED BY

APPROVED BY

DATE

DATE

DATE

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SCALE 1:2

SHEET 1 OF 1

TITLE

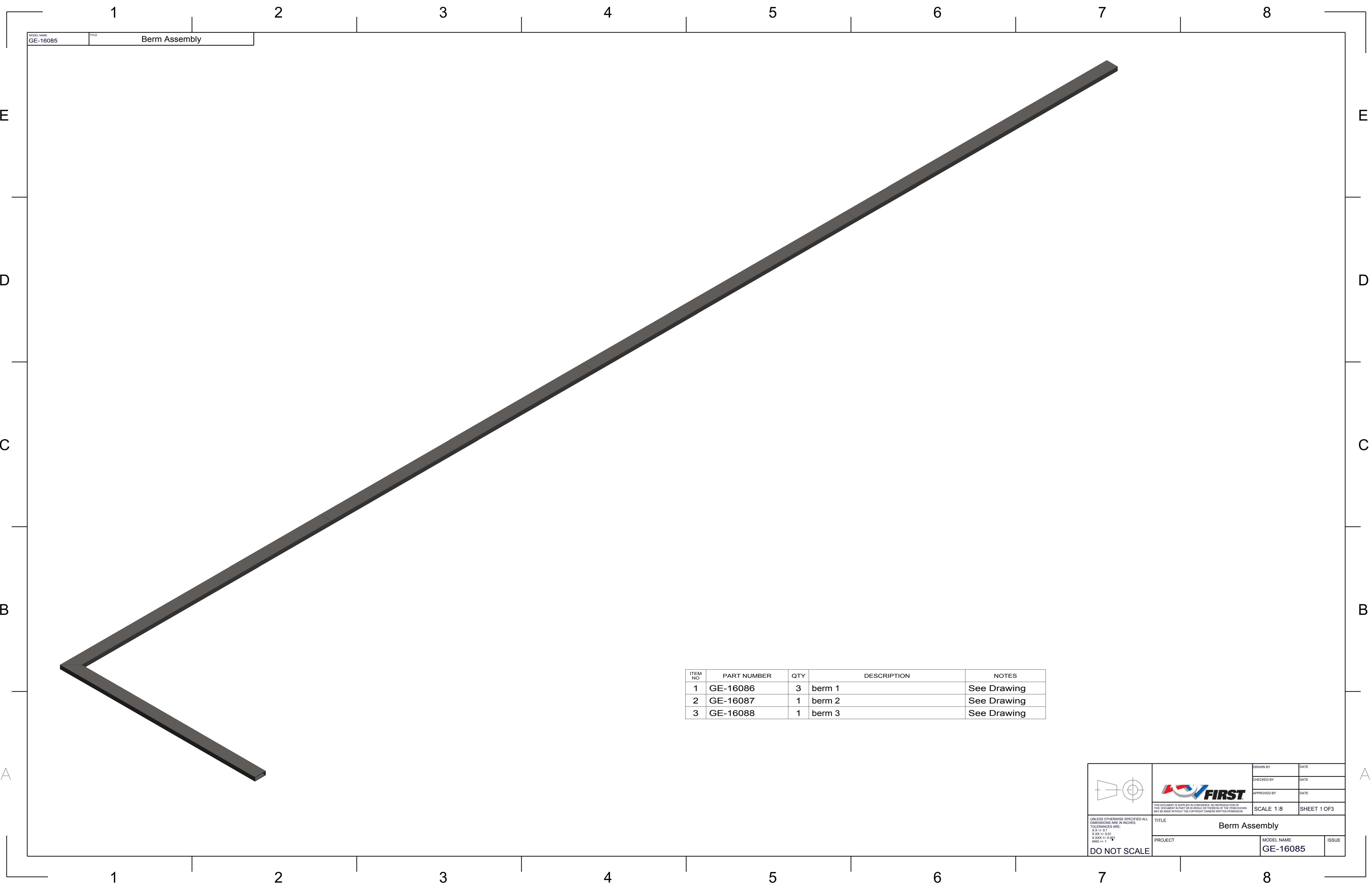
Low Wall

PROJECT

MODEL NAME

ISSUE

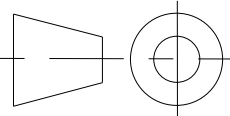

GE-16081-01

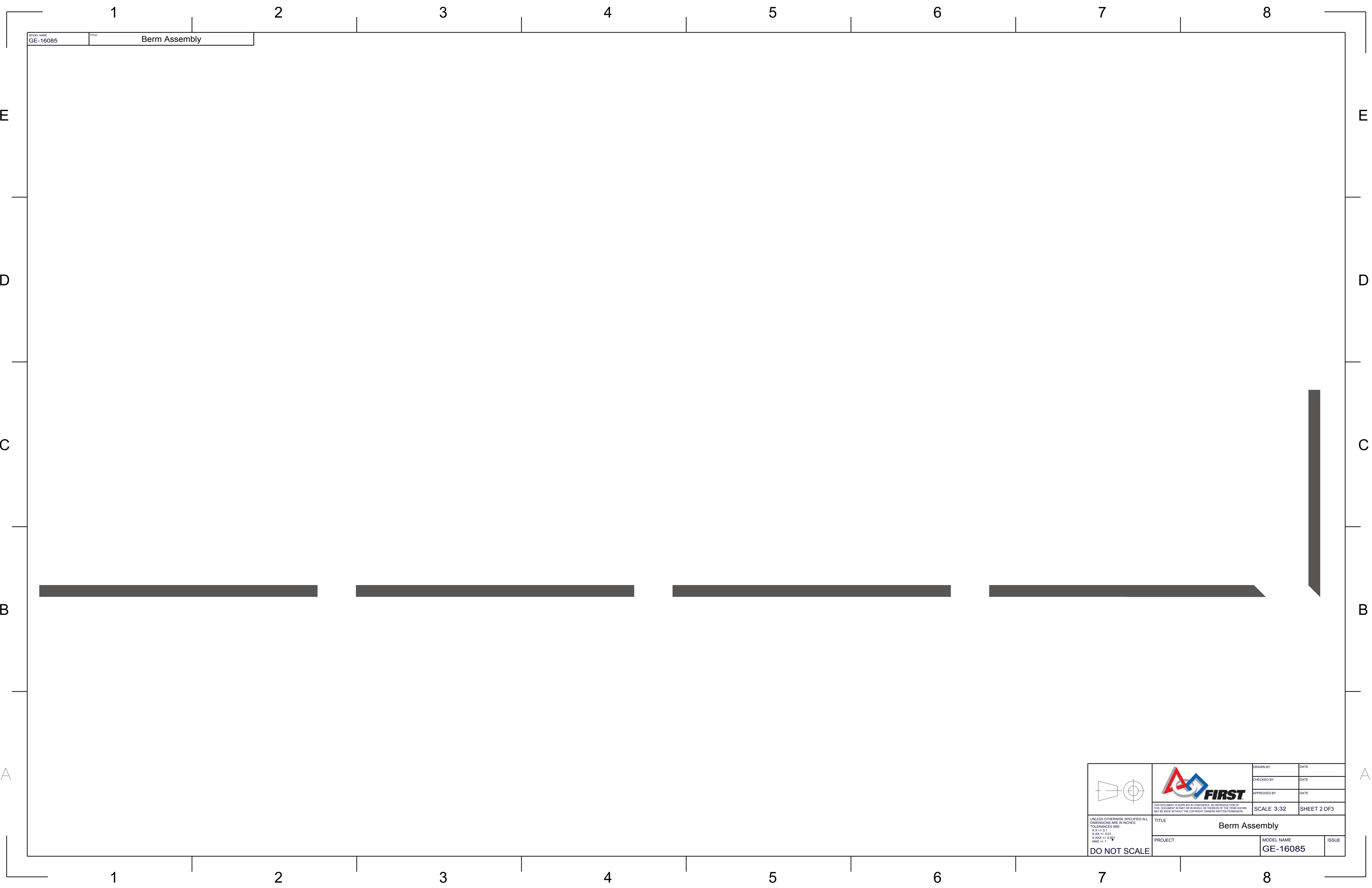


MODEL NAME
GE-16085

TITLE
Berm Assembly


ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16086	3	berm 1	See Drawing
2	GE-16087	1	berm 2	See Drawing
3	GE-16088	1	berm 3	See Drawing

			DRAWN BY	DATE
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<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. XXX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1</small>		TITLE Berm Assembly		
DO NOT SCALE		PROJECT	MODEL NAME GE-16085	ISSUE



MODEL NAME
GE-16085

TITLE
Berm Assembly



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.
XXX ±0.01
X.XXX ±0.001
ANG ±1

DO NOT SCALE

TITLE Berm Assembly	
PROJECT	MODEL NAME GE-16085
ISSUE	

DRAWN BY

CHECKED BY

APPROVED BY

DATE

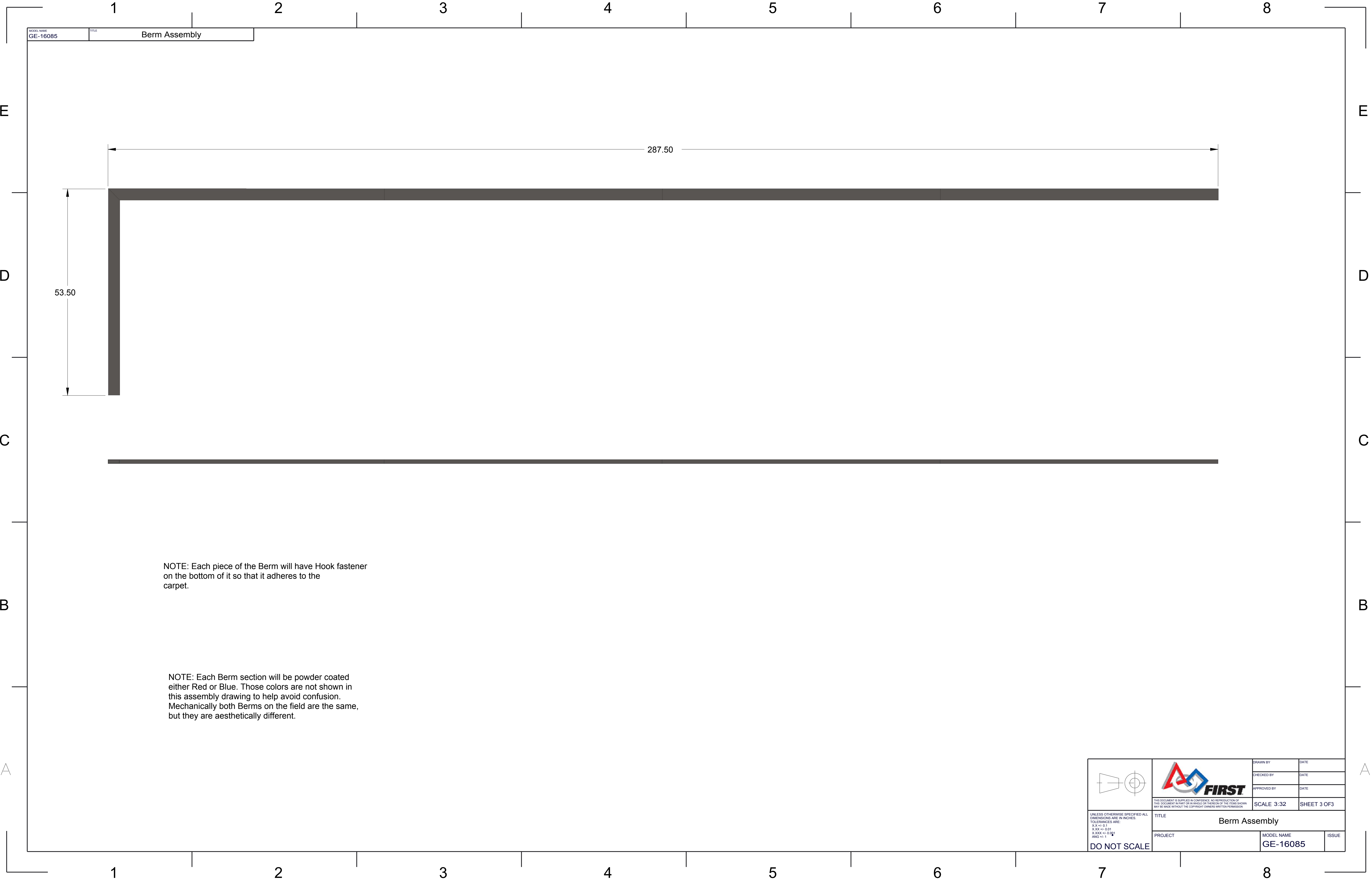
DATE

DATE

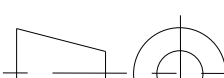

SCALE 3:32

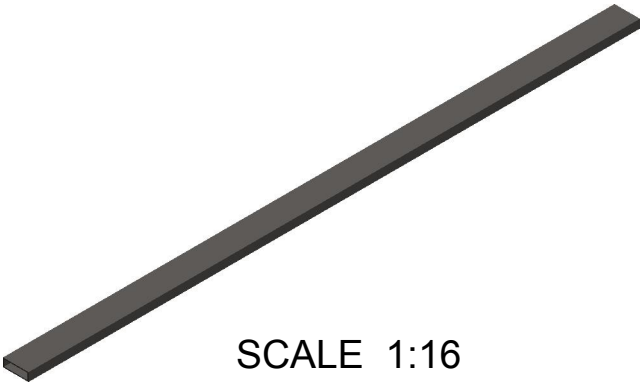
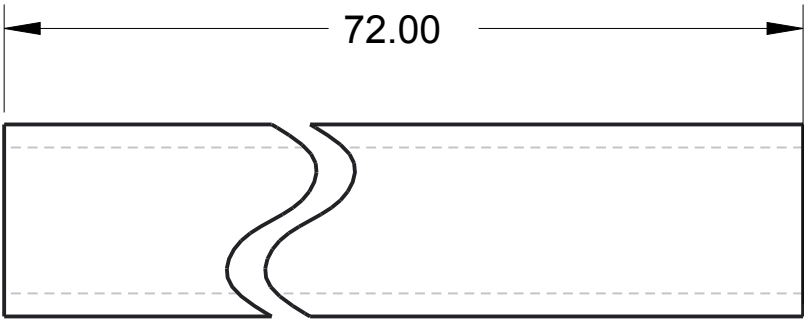
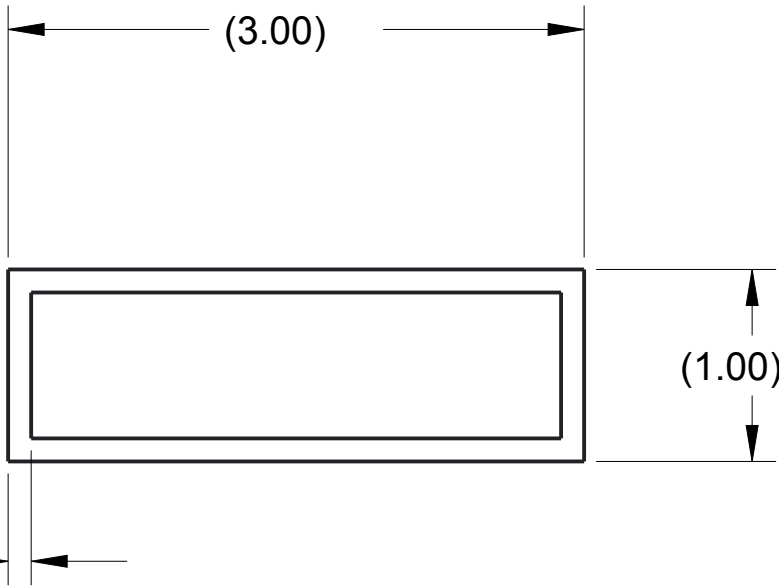
SHEET 2 OF 3

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MODEL NAME	TITLE
GE-16085	Berm Assembly

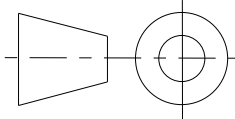
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			SCALE 3:32 SHEET 3 OF 3	
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.XX +/- 0.1 X.XXX +/- 0.001 ANG +/- 1				
TITLE Berm Assembly				
PROJECT			MODEL NAME GE-16085	ISSUE
DO NOT SCALE				



SCALE 1:16

NOTE

Material: 3" x 1" Rectangular Steel Tube, .12" Wall
Scale: 1:1
Finish: Red or Blue Powder Coat based on Qty Notes



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

DO NOT SCALE

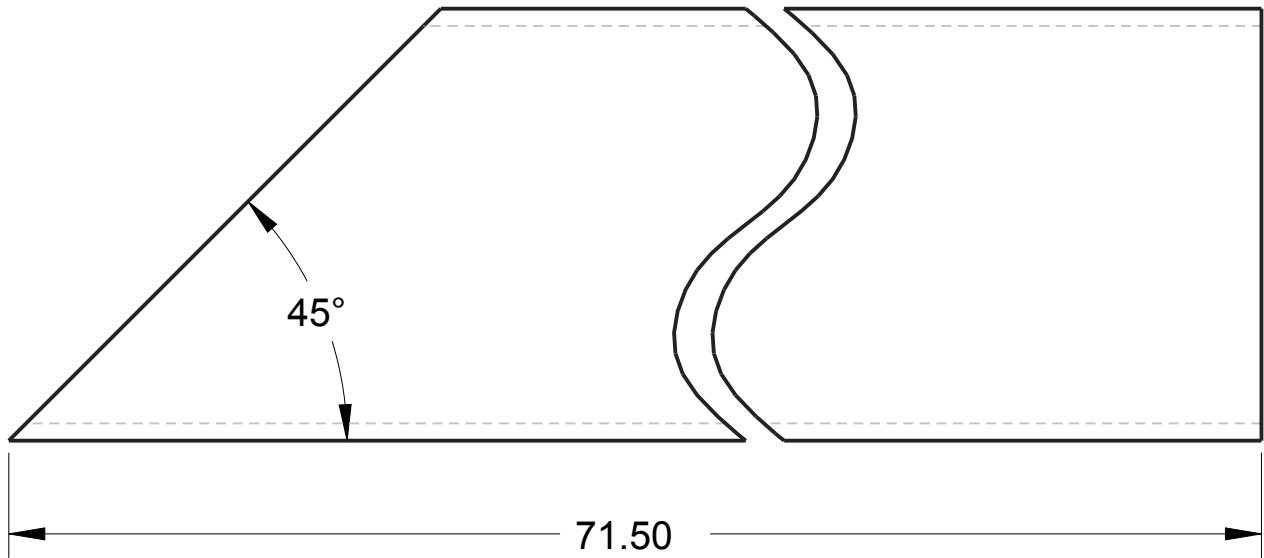
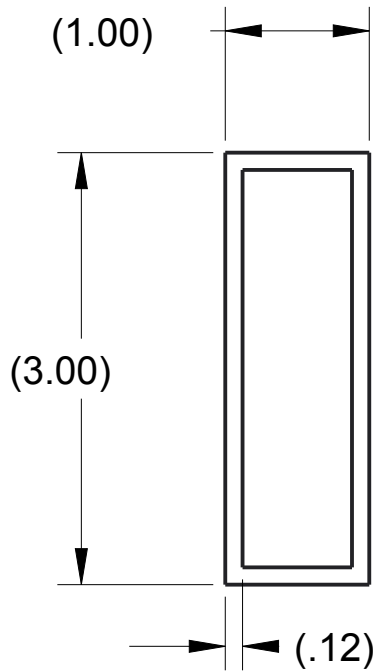


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TITLE
B 2

PROJECT

DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:1	SHEET 1 OF 1
MODEL NAME GE-16086	
ISSUE	




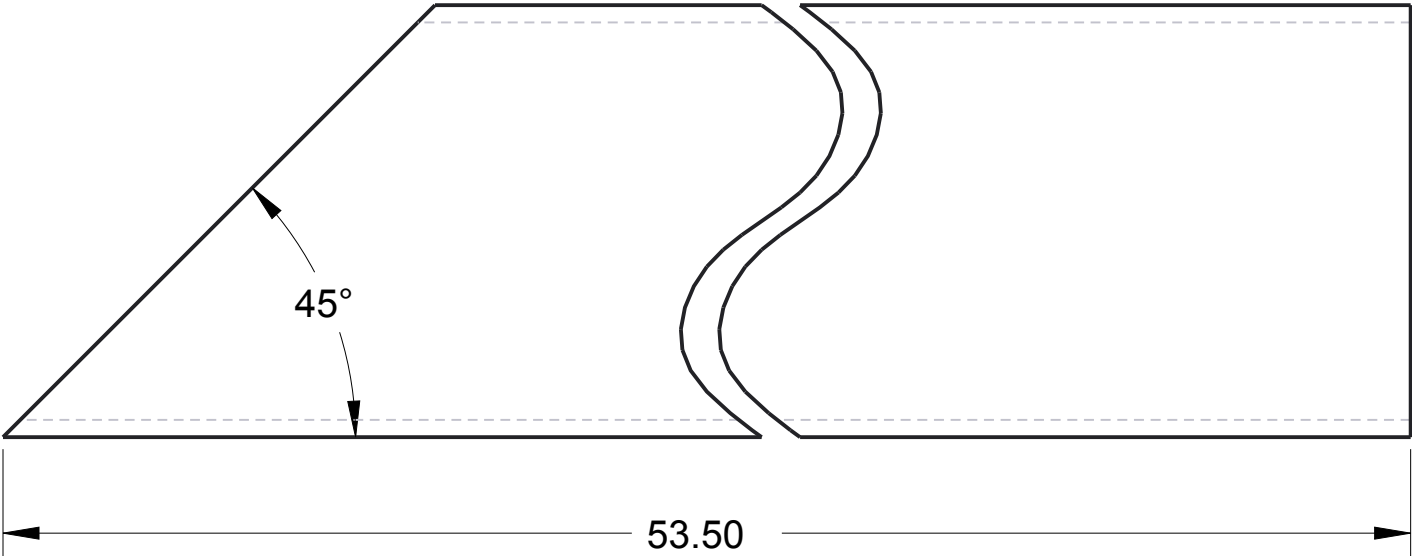
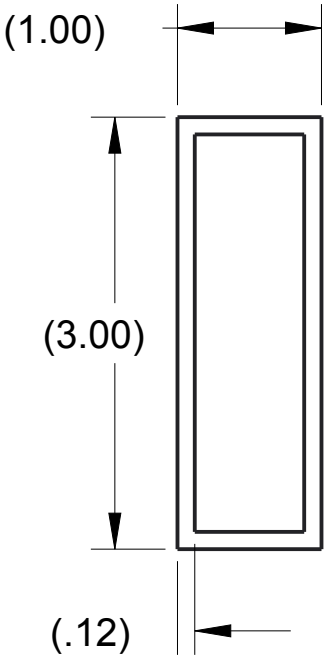
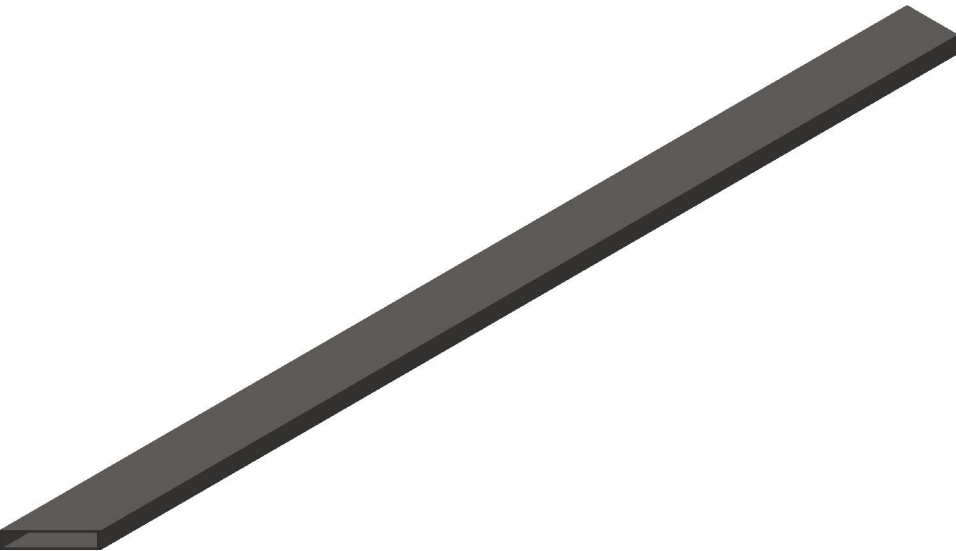
NOTE

Material: 3" x 1" Rectangular Steel Tube, .12" Wall

Scale: 3:4

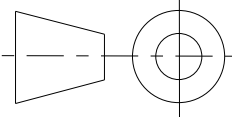
Finish: Red or Blue Powder Coat based on Qty Notes

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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 3:4	SHEET 1 OF 1
<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°</small> DO NOT SCALE	TITLE B 1	
	PROJECT	MODEL NAME GE-16087
		ISSUE



NOTE

Material: 3" x 1" Rectangular Steel Tube, .12" Wall
Scale: 3:4
Finish: Red or Blue Powder Coat based on Qty Notes



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

DO NOT SCALE



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TITLE
B 3

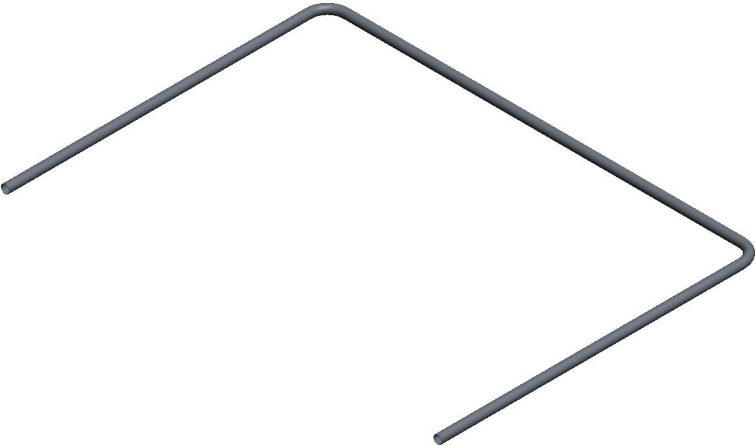
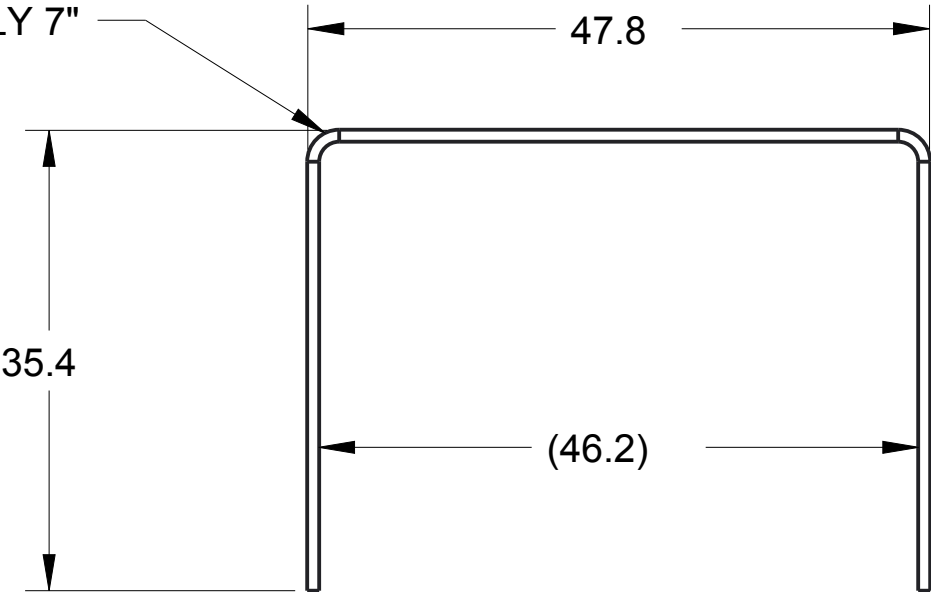
PROJECT

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

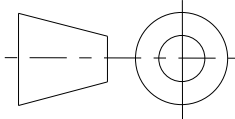
MODEL NAME
GE-16088

ISSUE

RADIUS APPROXIMATELY 7"



- NOTES:
- 1. MATERIAL: 3/4" EMT CONDUIT
 - 2. REMOVE ALL BURRS AND SHARP EDGES.
 - 3. CONNECTORS MAY BE USED IF NECESSARY.



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

DO NOT SCALE



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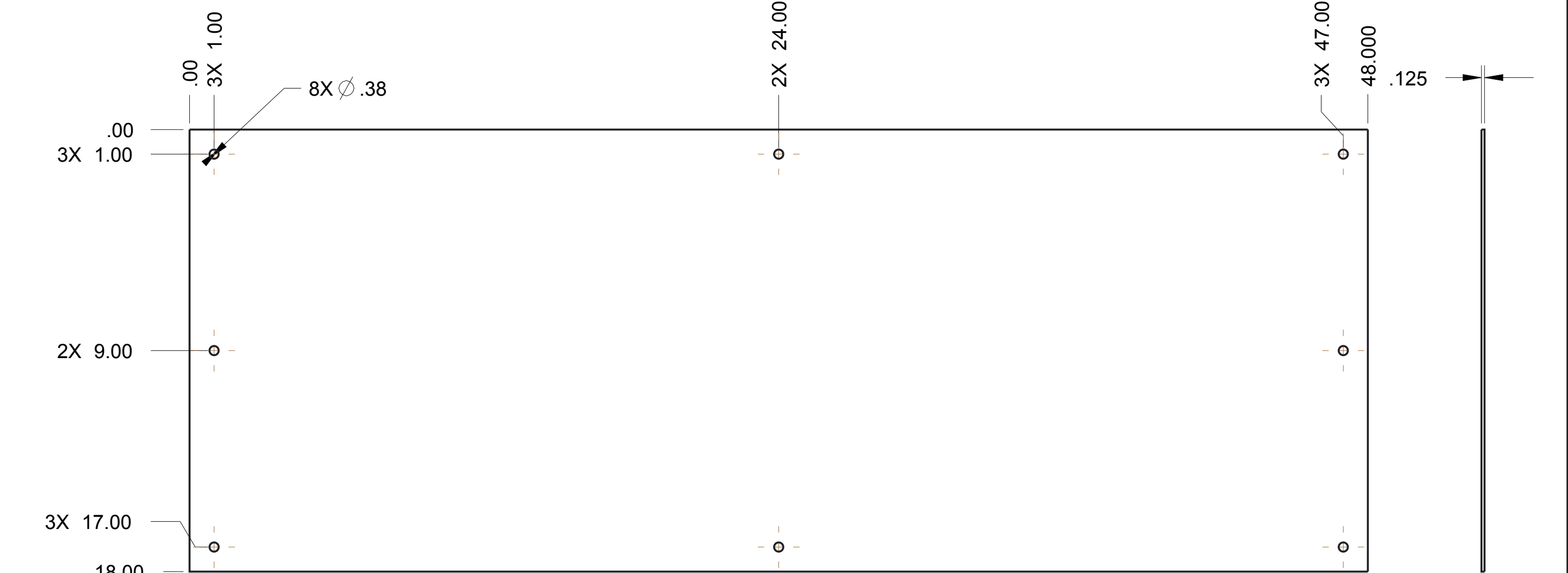
TITLE
EMT, BC

PROJECT


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CHECKED BY	DATE
APPROVED BY	DATE
SCALE 13:192	SHEET 1 OF 1

MODEL NAME
GE-16091

ISSUE



NOTES:
1. MATERIAL: 1/8" CLEAR POLYCARBONATE
2. REMOVE ALL BURRS AND SHARP EDGES.



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

DO NOT SCALE

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DATE

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SCALE 1:4

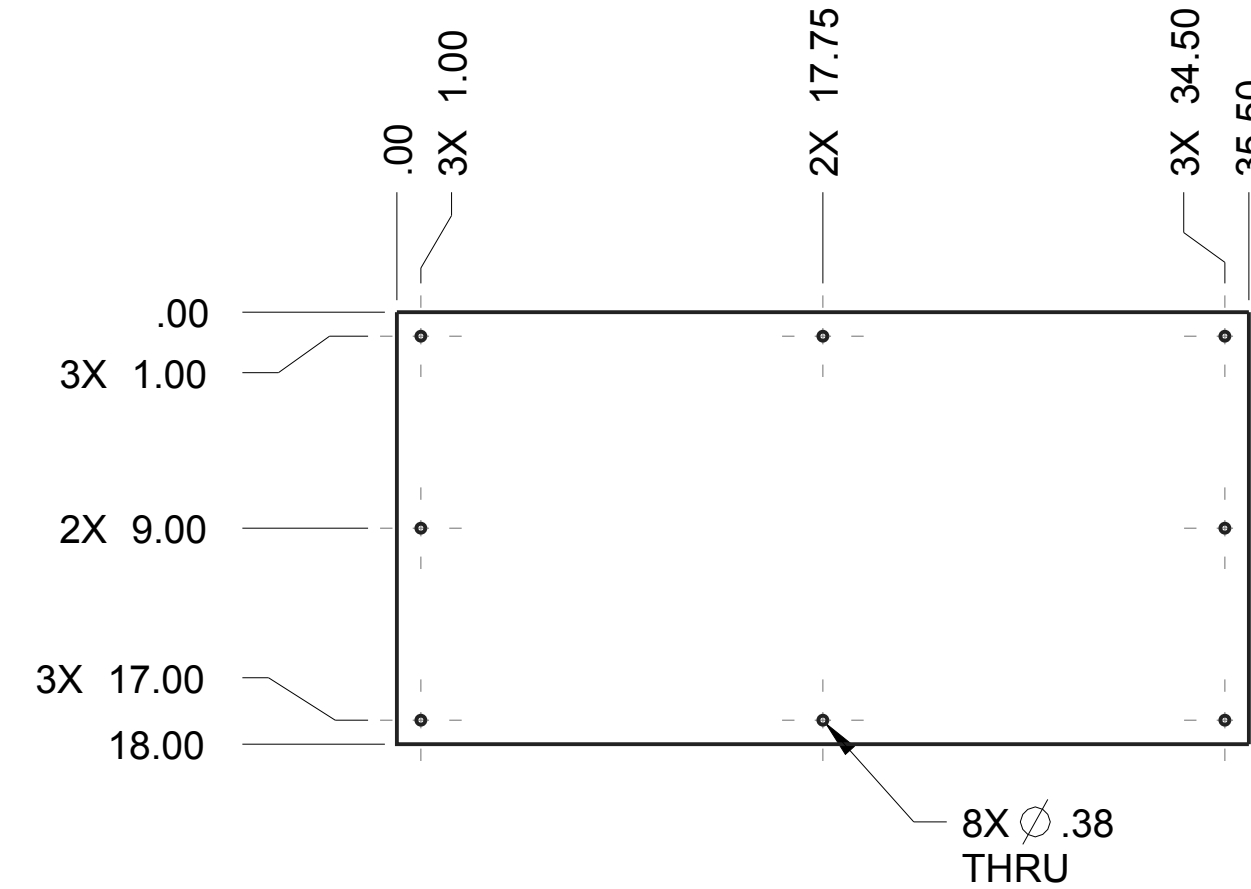
SHEET 1 OF 1

TITLE
BACK, BC

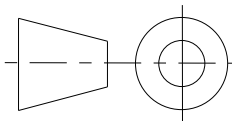

PROJECT

MODEL NAME
GE-16092

ISSUE

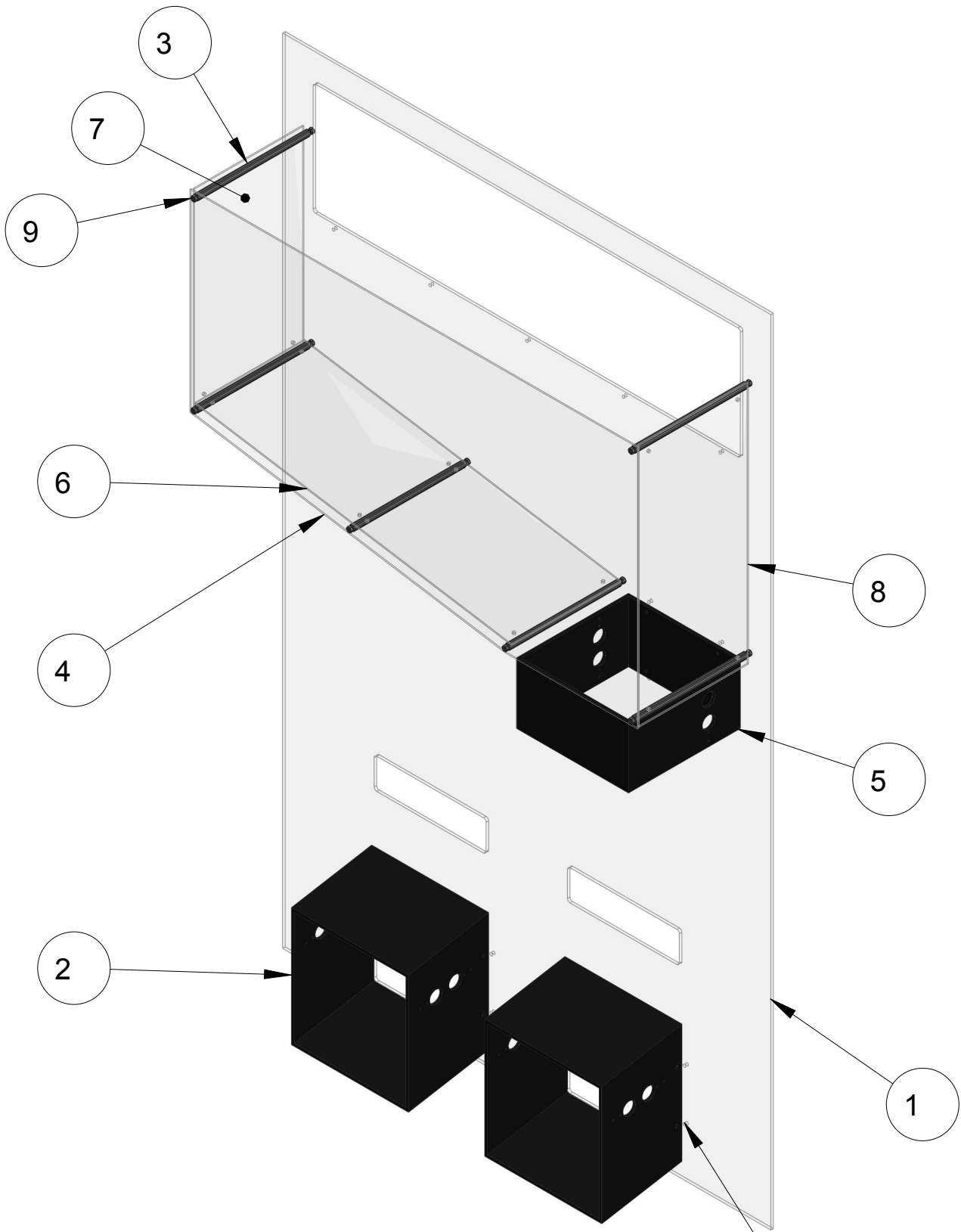


NOTES:
1. MATERIAL: 1/8" CLEAR POLYCARBONATE
2. REMOVE ALL BURRS AND SHARP EDGES

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		APPROVED BY	DATE
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°	TITLE SIDE, BC		
	PROJECT	MODEL NAME GE-16093	ISSUE
DO NOT SCALE			

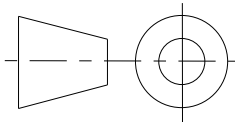
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
X.X +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

DO NOT SCALE



ATTACH ITEMS 2 AND 5 WITH CABLE TIES.
4 PLACES EACH.

ITEM NO	PART NUMBER	QTY	DESCRIPTION
1	GE-16098	1	back panel, tower
2	GE-16099	2	scoring box, low
3	GE-16100	6	churro, 11"
4	GE-16101	1	scoring plate
5	GE-16102	1	scoring box, high
6	GE-16103	1	ramp, back panel
7	GE-16104	1	side, back panel
8	GE-16105	1	side 2, back panel
9	HW-00012	12	CAP SCREW, HEX, 1/4-20 X .75"



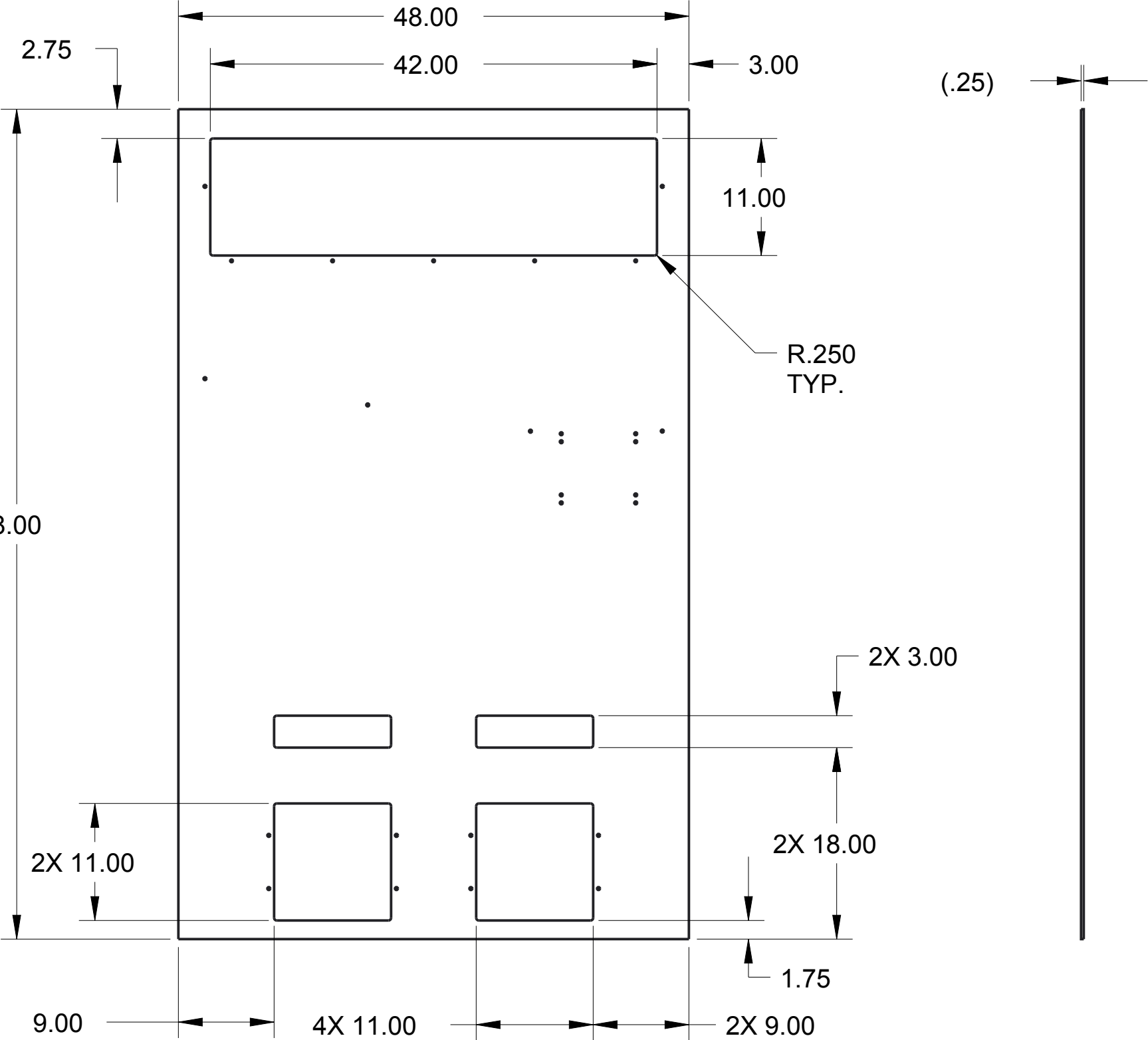
UNLESS OTHERWISE SPECIFIED ALL
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
X.X +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- .1°

DO NOT SCALE




DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 19:192	SHEET 1 OF 1

TITLE SCORING PANEL ASSEMBLY		
PROJECT	MODEL NAME GE-16097	ISSUE



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



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CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:12	
SHEET 1 OF 2	

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

DO NOT SCALE

TITLE
LOWER PANEL

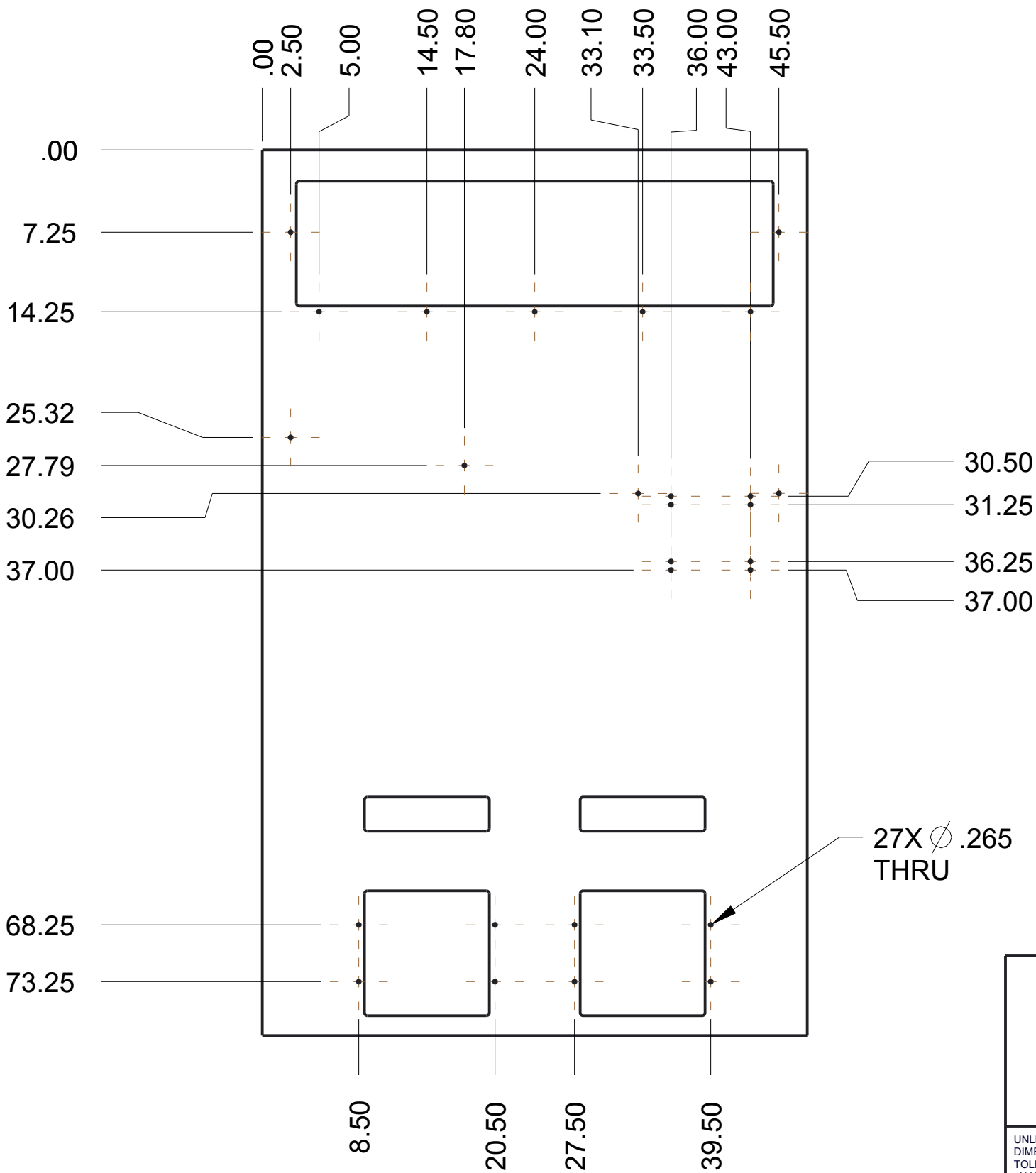
PROJECT


MODEL NAME
GE-16098

ISSUE

MODEL NAME
GE-16098

TITLE



		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°	TITLE		
	PROJECT	MODEL NAME GE-16098	ISSUE
DO NOT SCALE			

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

DO NOT SCALE

D

C

B

A

D

C

B

A

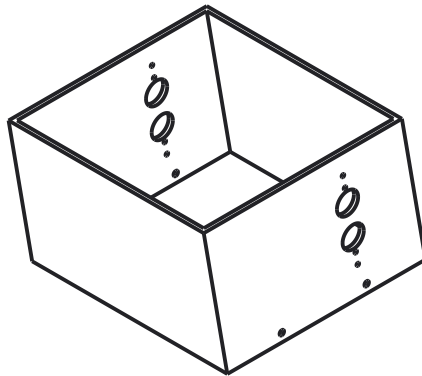
MODEL NAME	TITLE
GE-16099	LG SB

2X .700 2X .860

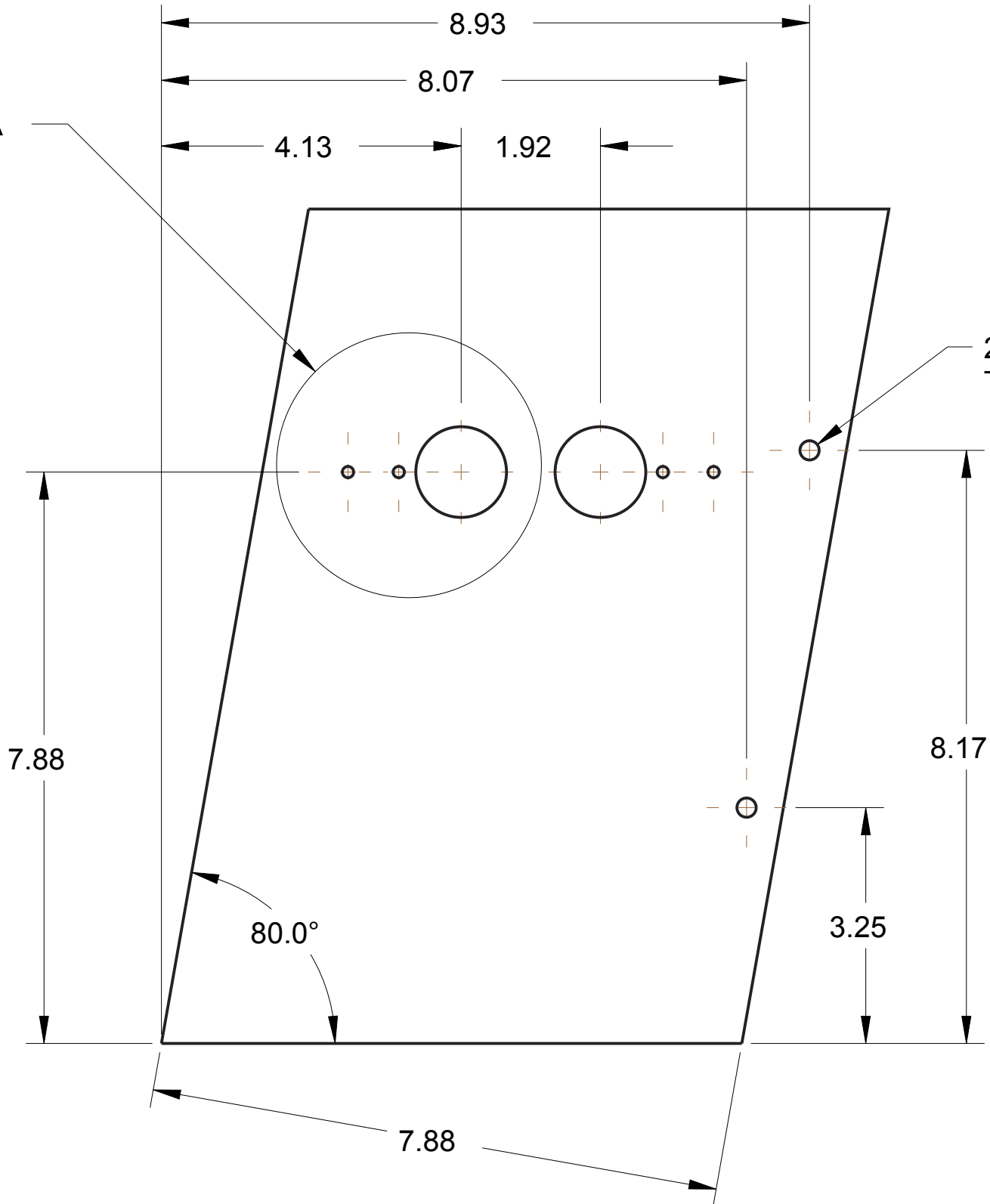
4X \varnothing .156
THRU ALL

2X \varnothing 1.25
THRU ALL

DETAIL A
SCALE 1:1



SEE DETAIL A



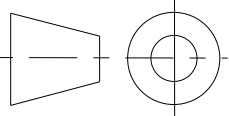

2X \varnothing .265
THRU ALL

WELD PERMISSIBLE
4 PLACES

11.50

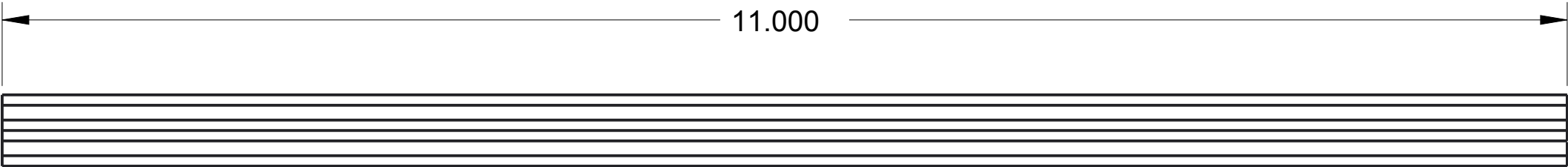
11.50

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

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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:2	SHEET 1 OF 1
<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1</small> DO NOT SCALE	TITLE LG SB		MODEL NAME GE-16099
	PROJECT		

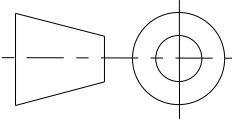


SCALE 1:4



1/4-20 UNC-2B ∇ 1.25
BOTH ENDS

NOTES:
1. MATERIAL: ANDYMARK CHURRO (AM-2974).



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DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
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X.XXX +/- 0.001
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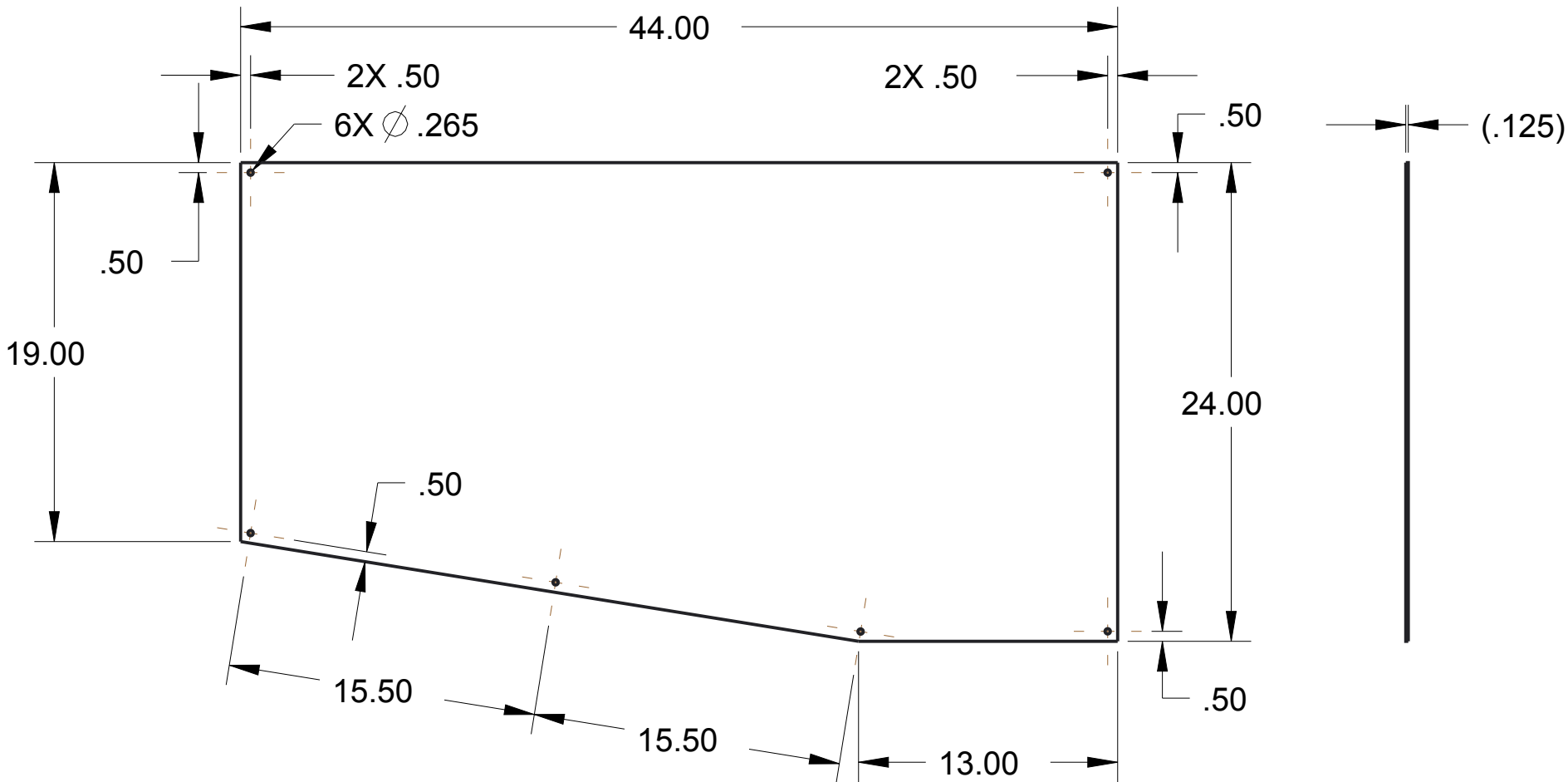
TITLE
CHURRO

PROJECT


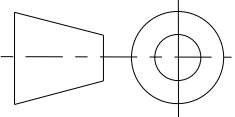
DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:1	SHEET 1 OF 1

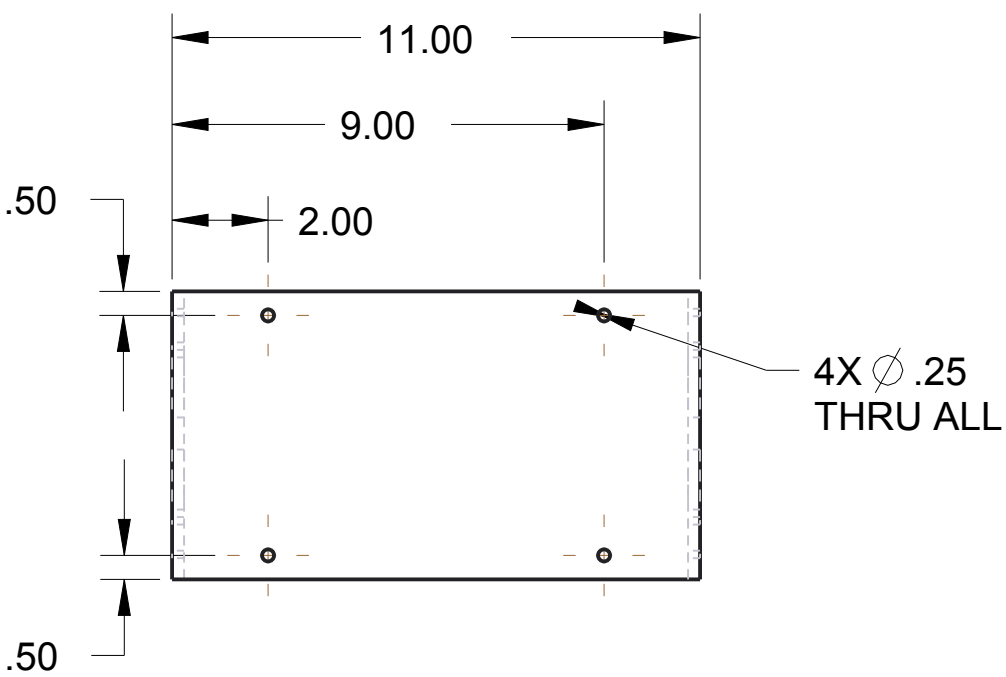
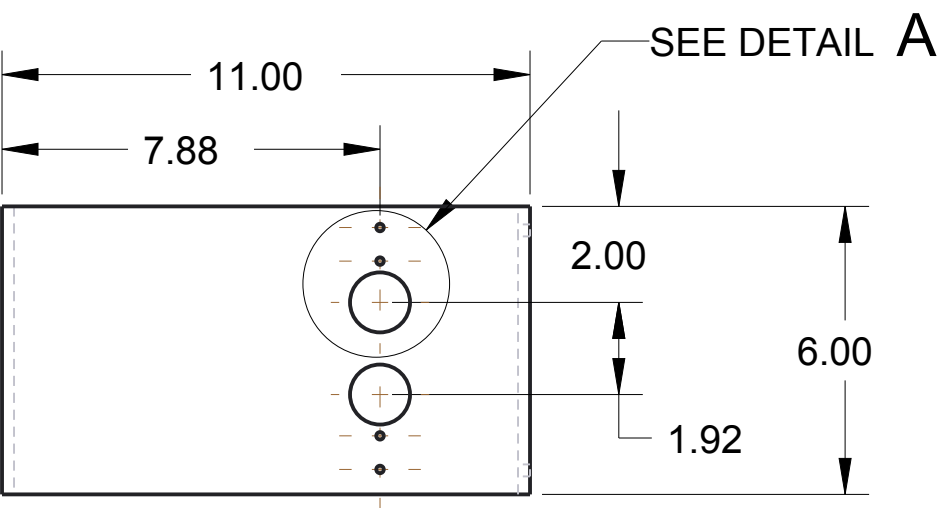
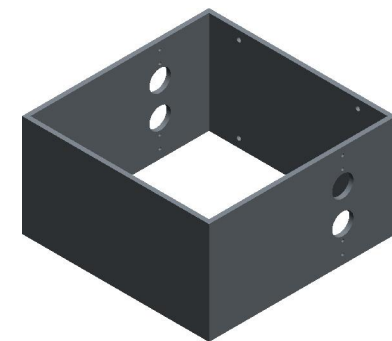
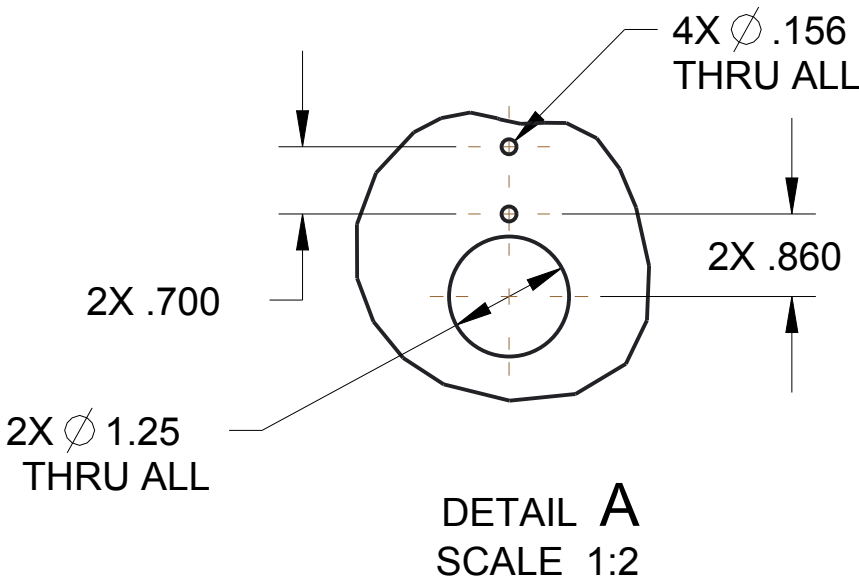
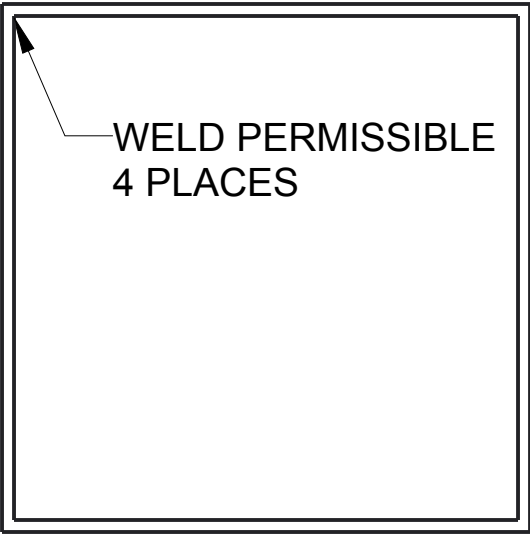
MODEL NAME
GE-16100

ISSUE

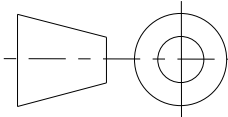



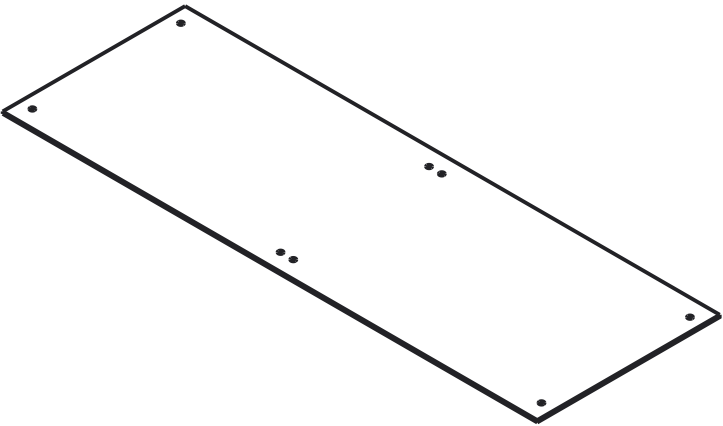
NOTES:
1. MATERIAL: 1/8" CLEAR POLYCARBONATE
2. REMOVE ALL BURRS AND SHARP EDGES.

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	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:8	SHEET 1 OF 1
 <small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°</small> DO NOT SCALE	TITLE FUNNEL, BACK	
	PROJECT	MODEL NAME GE-16101
		ISSUE

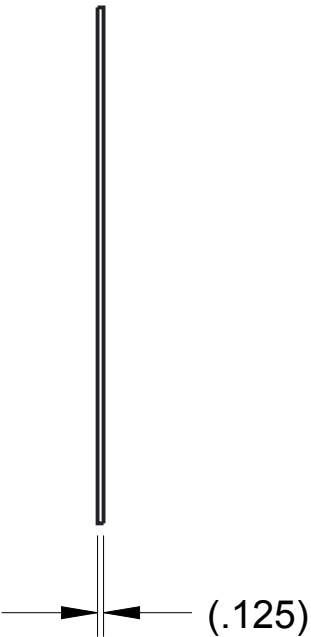


NOTES:
1. MATERIAL: 1/4" BLACK, HDPE
2. REMOVE ALL BURRS AND SHARP EDGES.

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TITLE SB HG			
PROJECT		MODEL NAME GE-16102	ISSUE
DO NOT SCALE			

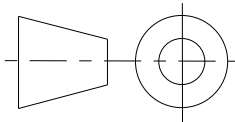


SCALE 1:8



8X \varnothing .25 THRU

- NOTES:
1. MATERIAL: 1/8" CLEAR POLYCARBONATE
 2. REMOVE ALL BURRS AND SHARP EDGES.



UNLESS OTHERWISE SPECIFIED ALL
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
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X.XX +/- 0.01
X.XXX +/- 0.001
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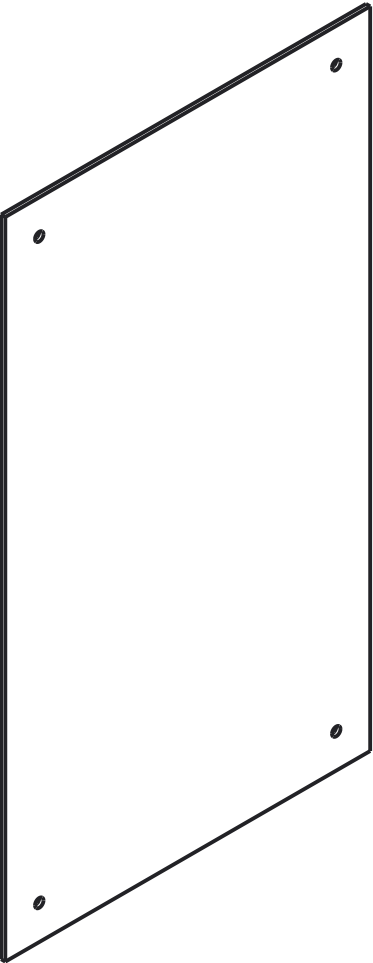
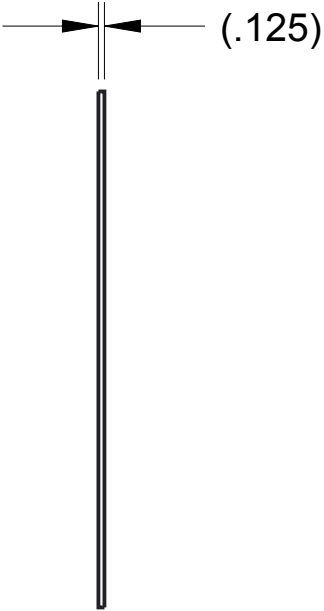
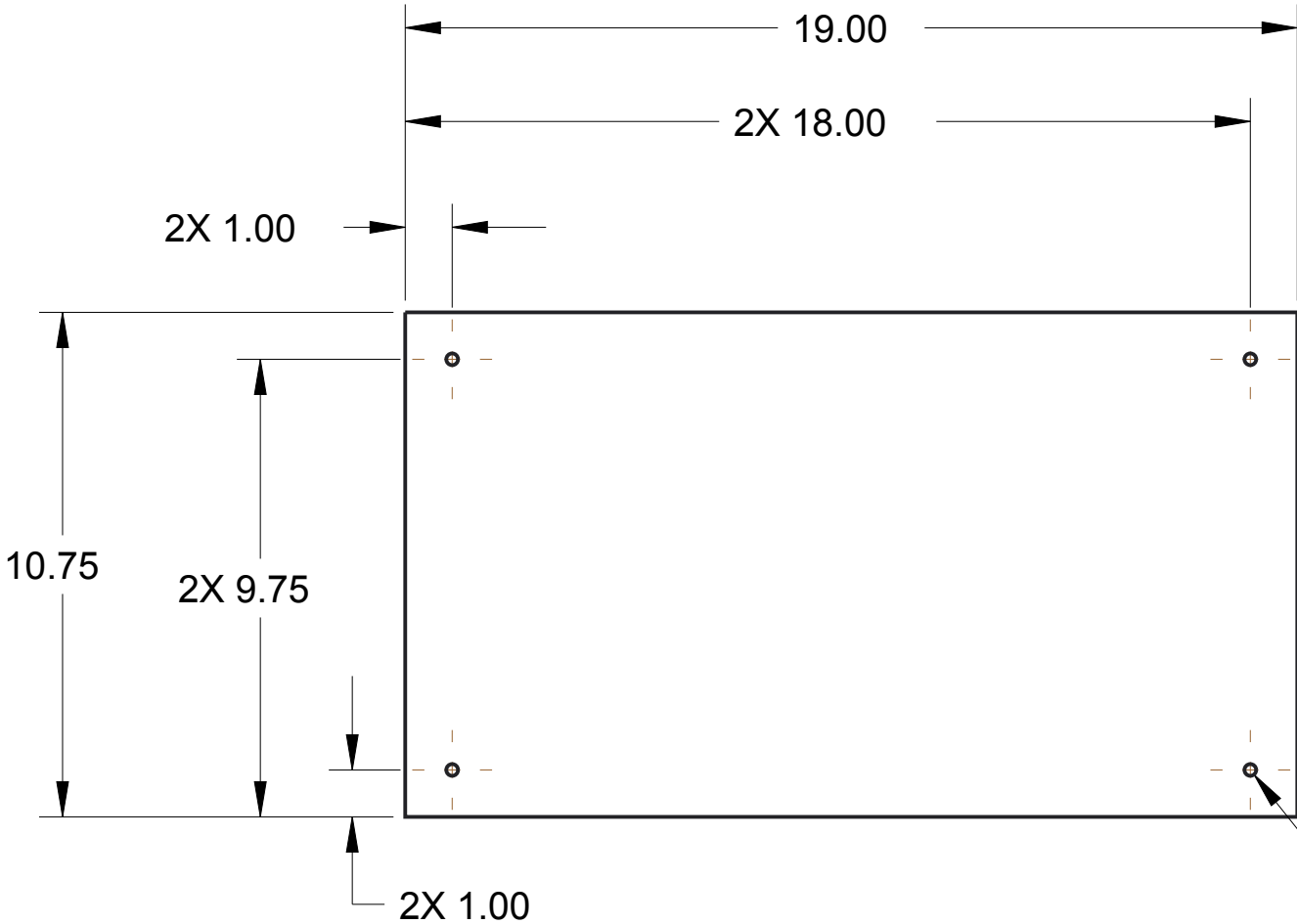
TITLE
RAMP, HGF

PROJECT

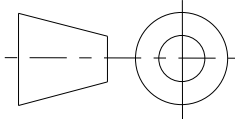
DRAWN BY	DATE
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APPROVED BY	DATE
SCALE 1:4	SHEET 1 OF 1

MODEL NAME
GE-16103

ISSUE



NOTES:
1. MATERIAL: 1/8" CLEAR POLYCARBONATE
2. REMOVE ALL BURRS AND SHARP EDGES.



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DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
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X.XX +/- 0.01
X.XXX +/- 0.001
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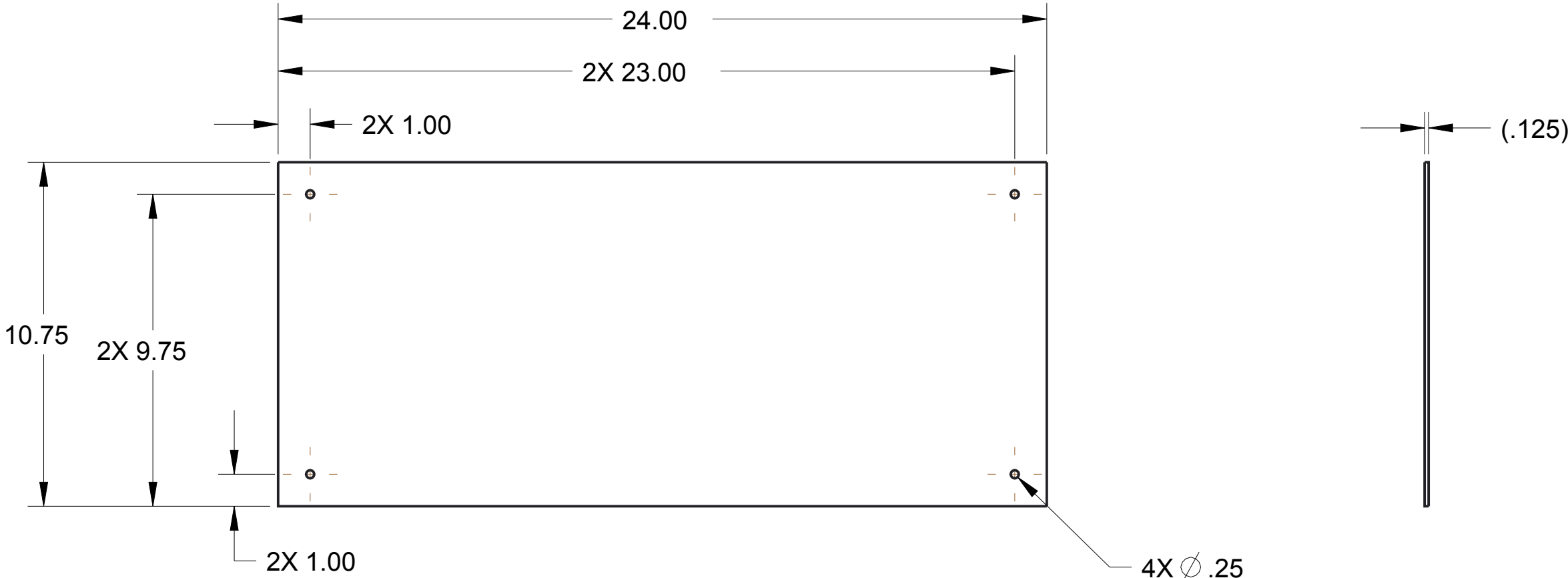
TITLE
SIDE, HGF

PROJECT


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

MODEL NAME
GE-16104

ISSUE



NOTES:
1. MATERIAL: 1/8" CLEAR POLYCARBONATE
2. REMOVE ALL BURRS AND SHARP EDGES



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APPROVED BY	DATE
SCALE 1:4	SHEET 1 OF1

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

DO NOT SCALE

TITLE

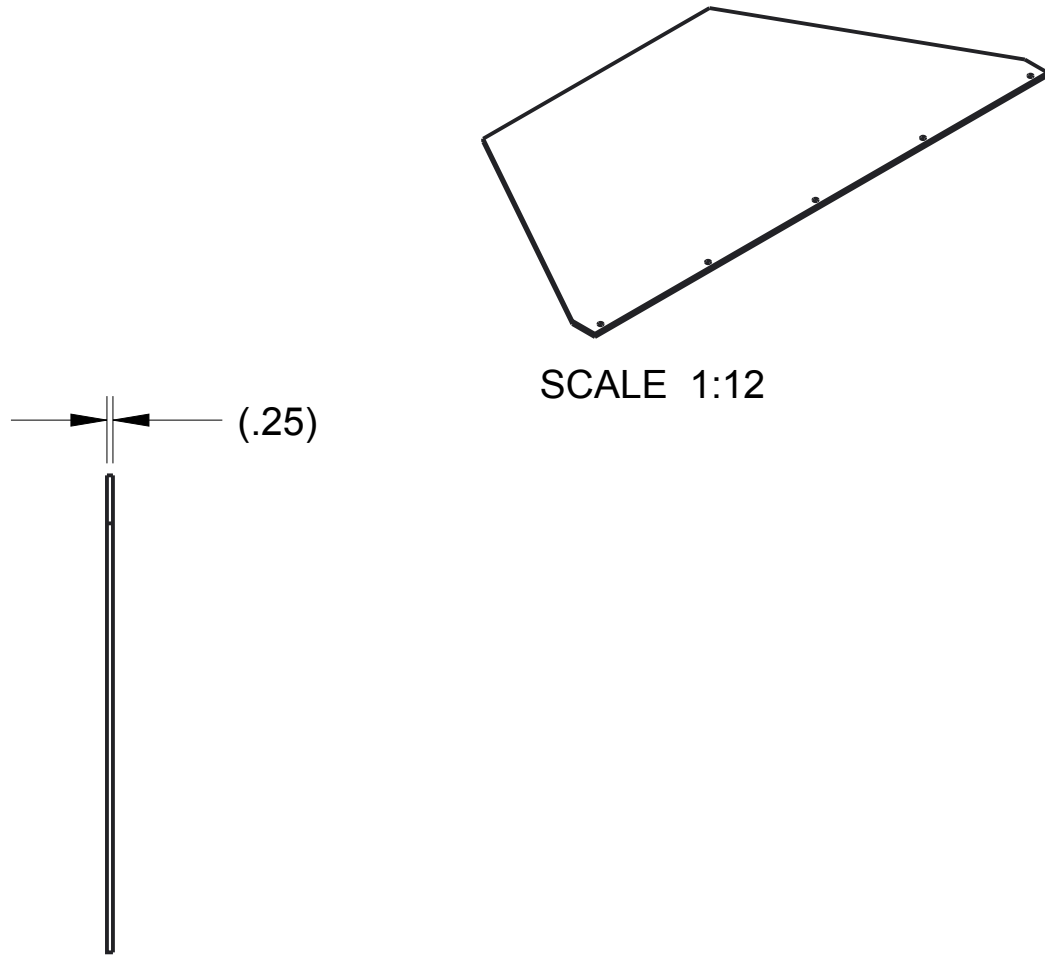
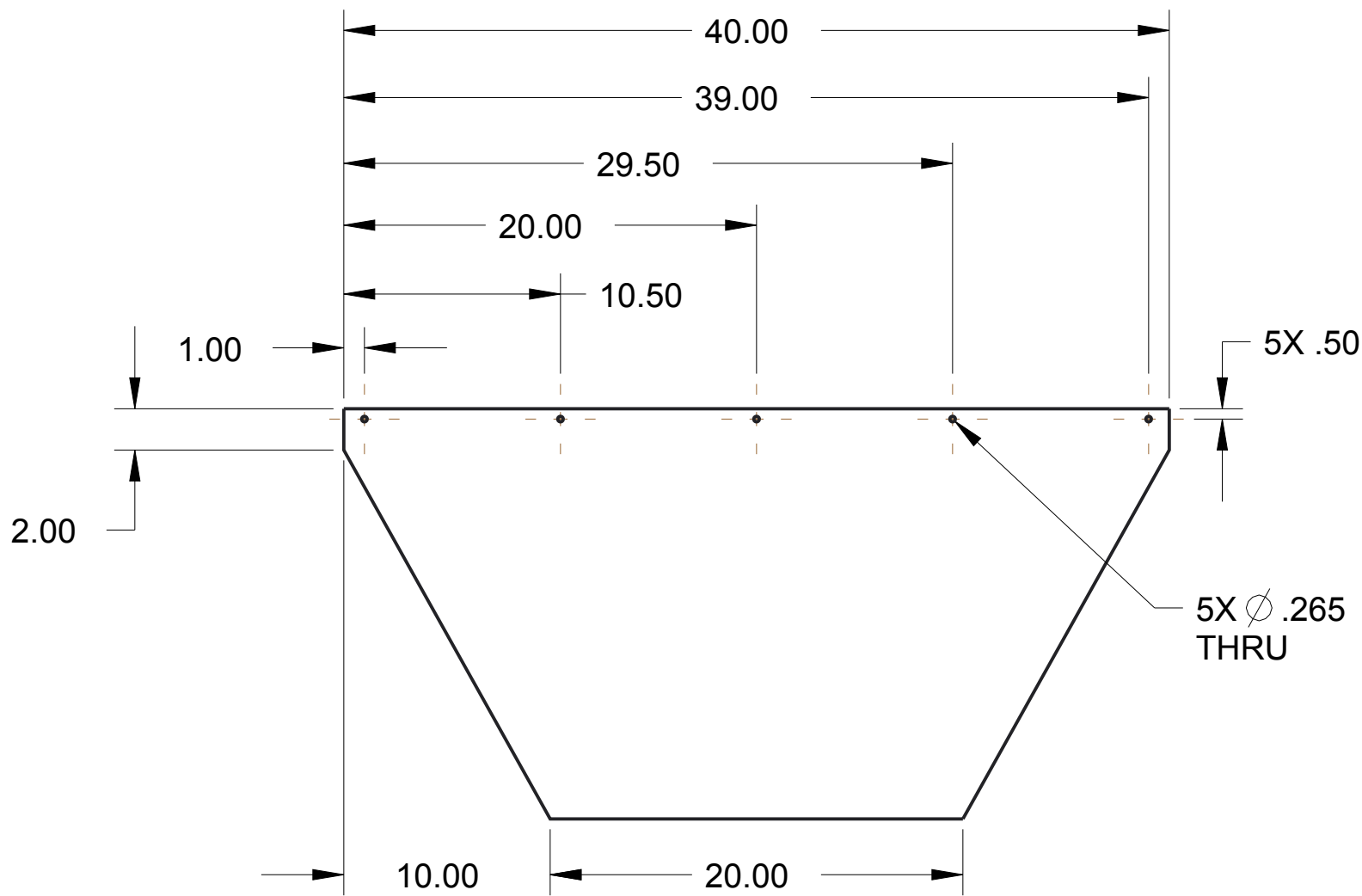
SIDE 2, HGF

PROJECT

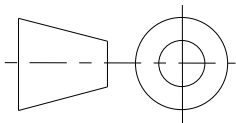

MODEL NAME

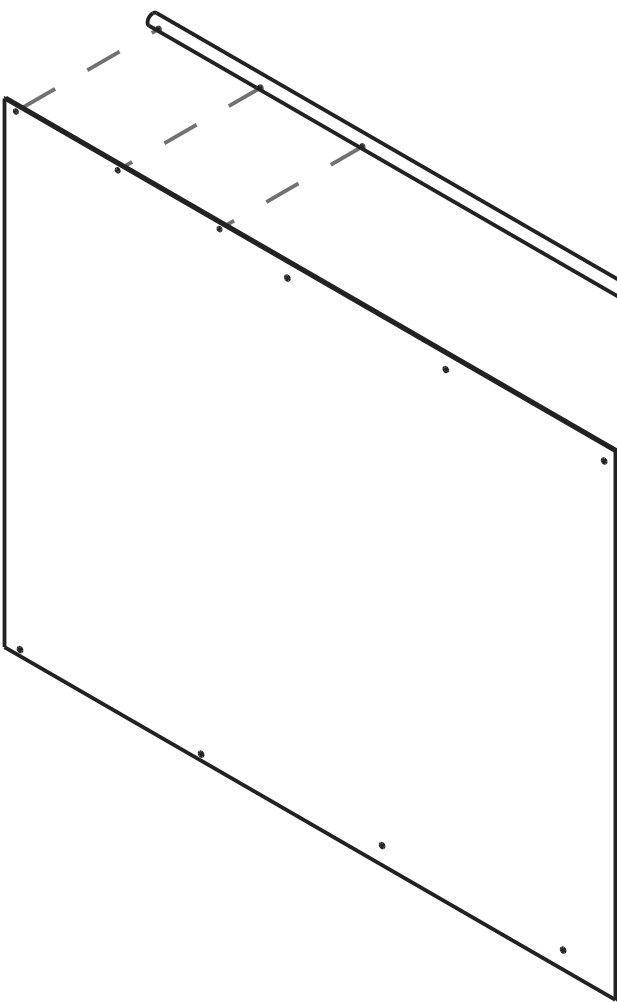
GE-16105

ISSUE

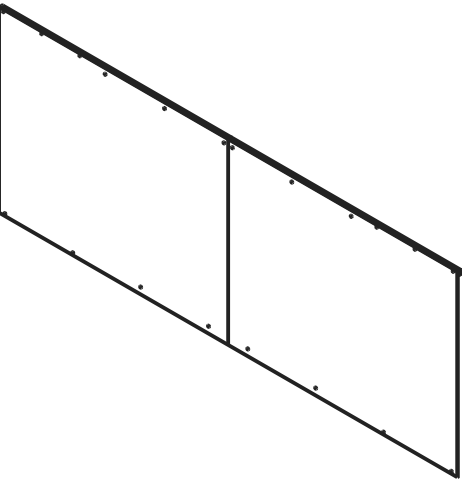


NOTES:
1. MATERIAL: 1/4" CLEAR POLYCARBONATE
2. REMOVE ALL BURRS AND SHARP EDGES.

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TITLE <div>RAMP, HG</div>			
PROJECT		MODEL NAME GE-16106	ISSUE
DO NOT SCALE			



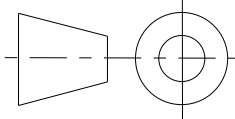
POSITION ITEM 3 SO THAT IT IS PROTRUDING FROM ITEM 2 BY 4". USING A 3/16 DRILL BIT, DRILL AND RIVET WITH A 3/16" RIVET.



SCALE 1:32

ATTACH ITEM 1 TO ITEM 2 WITH A 3/16" RIVET. 6 PLACES.

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16108	2	backboard	
2	GE-16109	2	emt 1, backboard	
3	GE-16111	1	insert tube, backboard	



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

DO NOT SCALE



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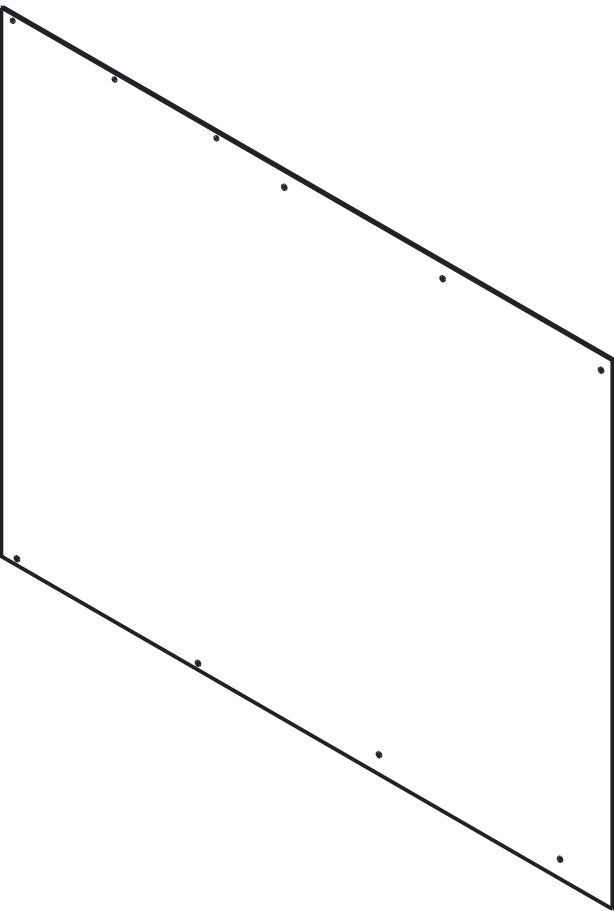
TITLE
BACKBOARD ASSEMBLY

PROJECT

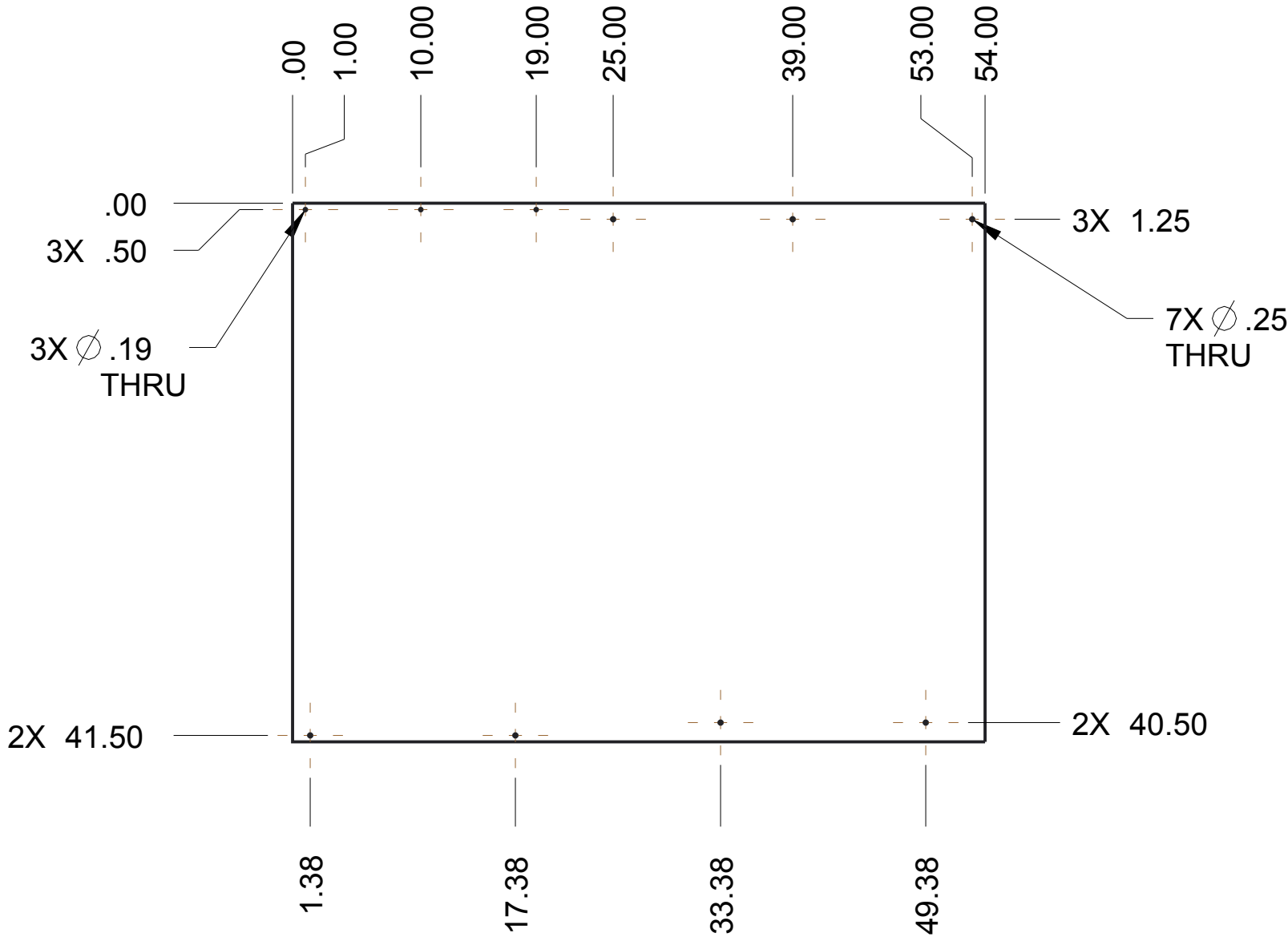
DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE

SCALE 1:12
SHEET 1 OF 1


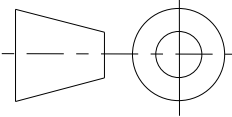
MODEL NAME GE-16107	ISSUE
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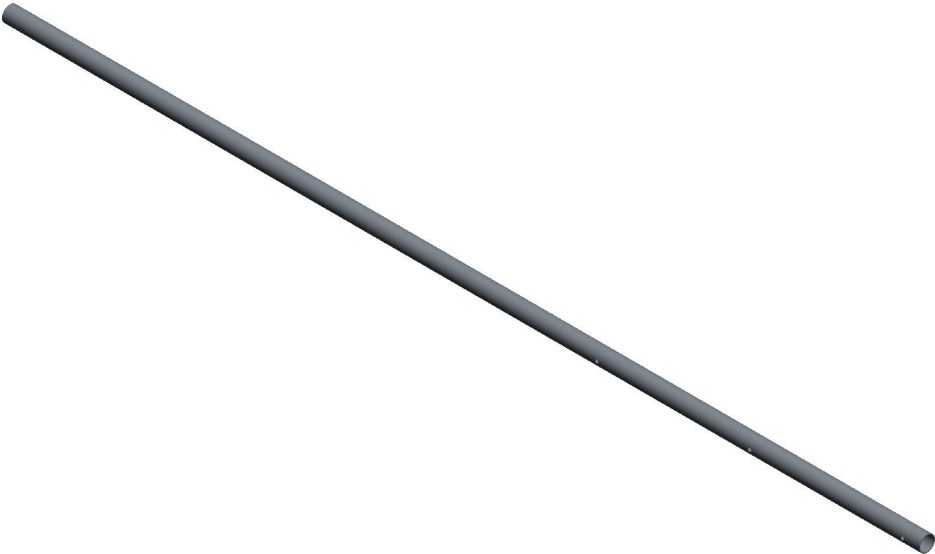


SCALE 1:12

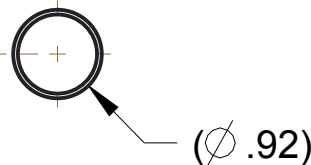
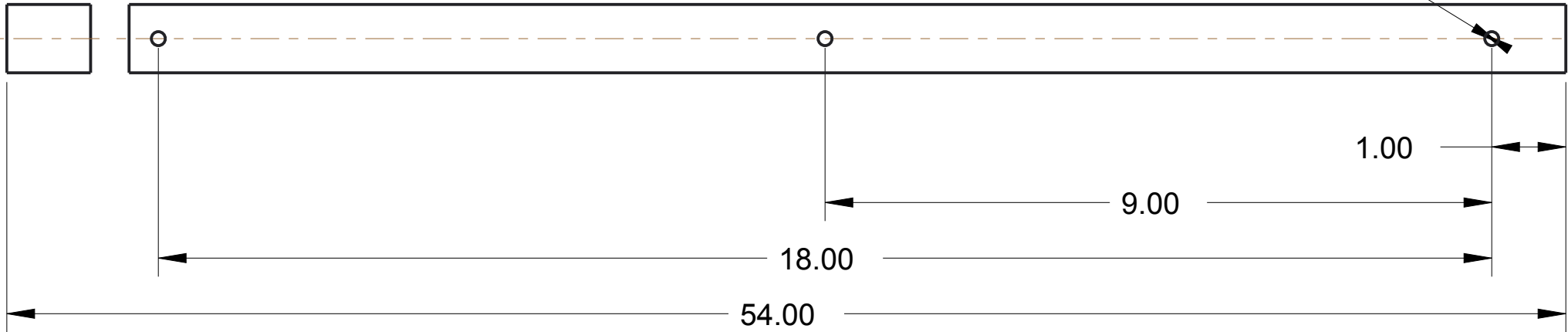


NOTES:
1. MATERIAL: 1/8" CLEAR POLYCARBONATE.
2. REMOVE ALL BURRS AND SHARP EDGES

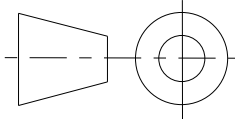
	DRAWN BY	DATE
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	SCALE 1:12	
	SHEET 1 OF 1	
<p>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°</p> <p>DO NOT SCALE</p>	TITLE BB	
	PROJECT	MODEL NAME GE-16108
	ISSUE	



SCALE 1:8



- NOTES:
- 1. MATERIAL: 3/4" EMT TUBING
 - 2. REMOVE ALL BURRS AND SHARP EDGES.



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DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
X.X +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

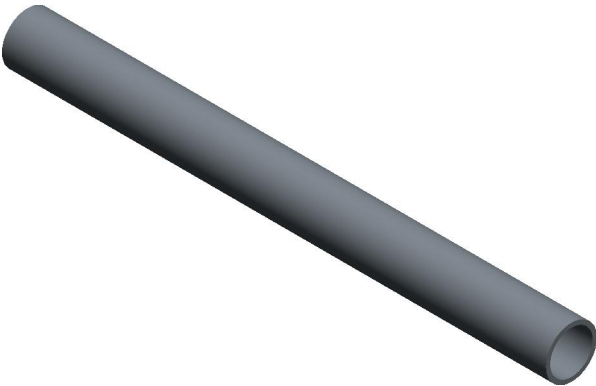
DO NOT SCALE



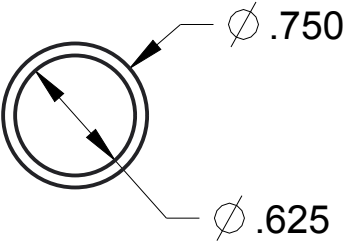
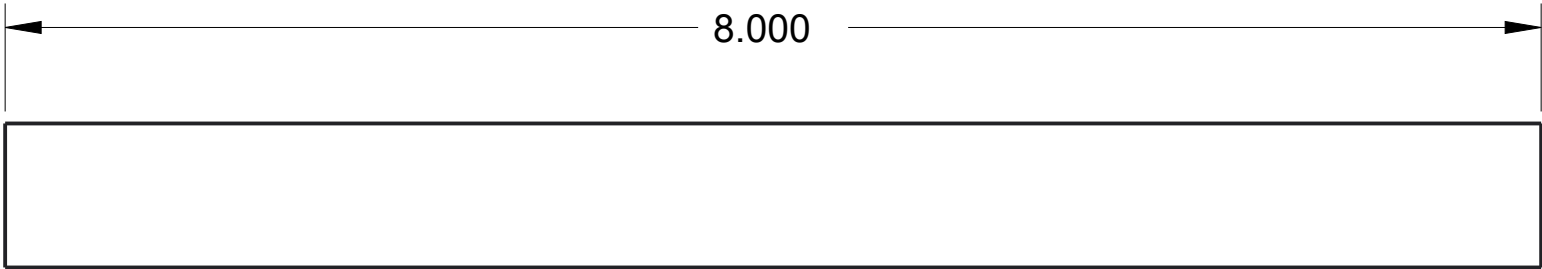
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SCALE 1:2	SHEET 1 OF 1

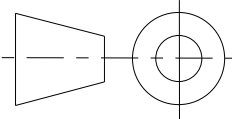
TITLE EMT, BB		
PROJECT	MODEL NAME GE-16109	ISSUE



SCALE 1:2



- NOTES:
- 1. MATERIAL: 3/4" DIAMETER X .063 WALL TUBING, 6063 ALUMINUM
 - 2. REMOVE ALL BURRS AND SHARP EDGES



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DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
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X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

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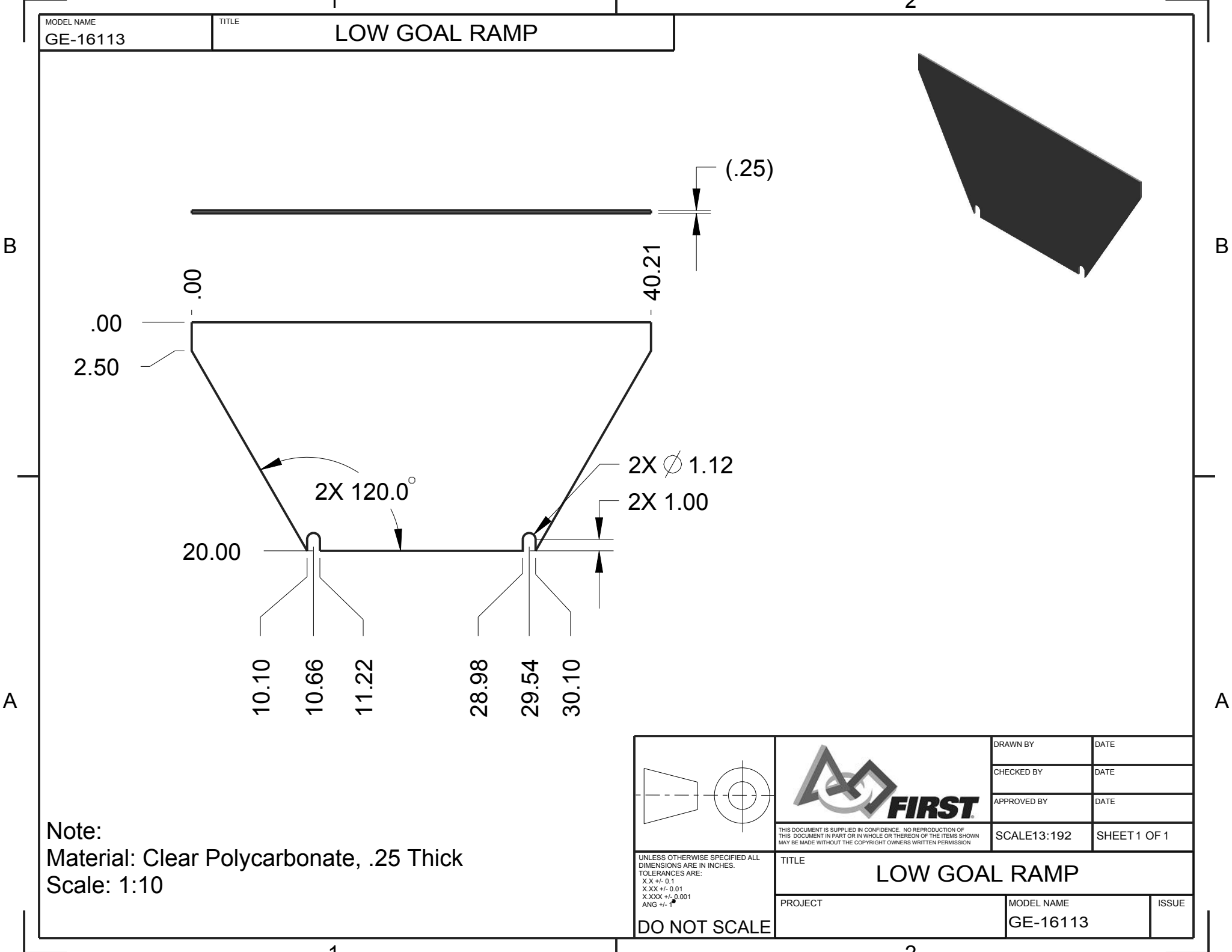
TITLE
INSERT TUBE, BB

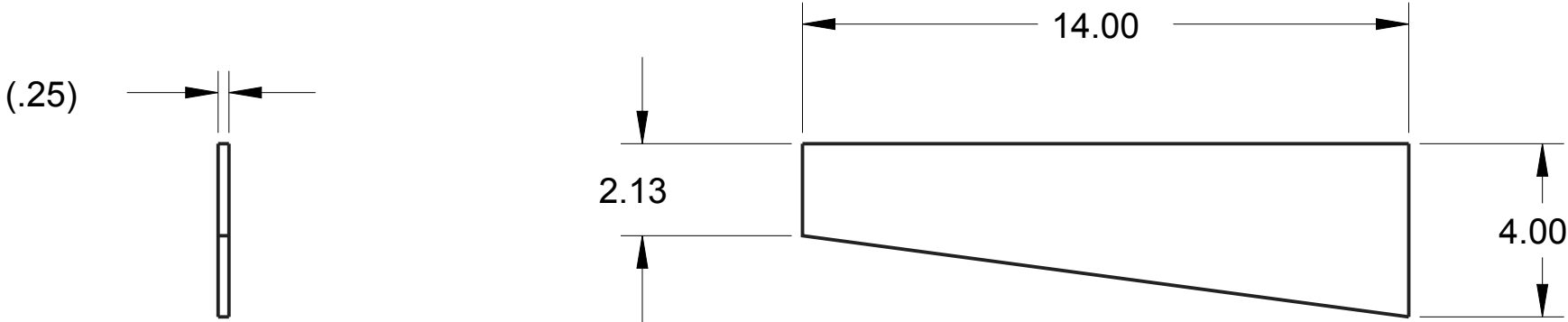
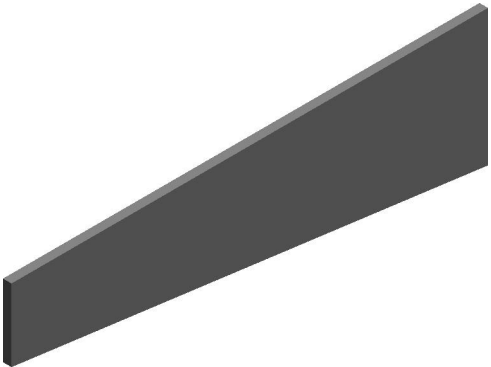
PROJECT

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

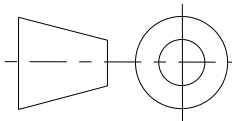

MODEL NAME
GE-16111

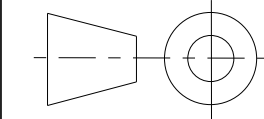
ISSUE





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

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°			
TITLE SIDE, LOW GOAL RAMP			
PROJECT		MODEL NAME GE-16114	ISSUE
DO NOT SCALE			



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TOLERANCES ARE:
X.X +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

DO NOT SCALE

MODEL NAME
GE-16115

TITLE

PLASTIC GUARD, LOW GOAL

REV	ZONE	DESCRIPTION	INITIAL	DATE
A	B-2	ADDED .25 HOLES (2)	DAF	1/6/15

(.25)

3X .25

.00

33.00

31.00

29.25

79.4°

20.00

27.75

2X \varnothing .25 THRU



17.00

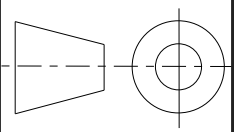

3.00

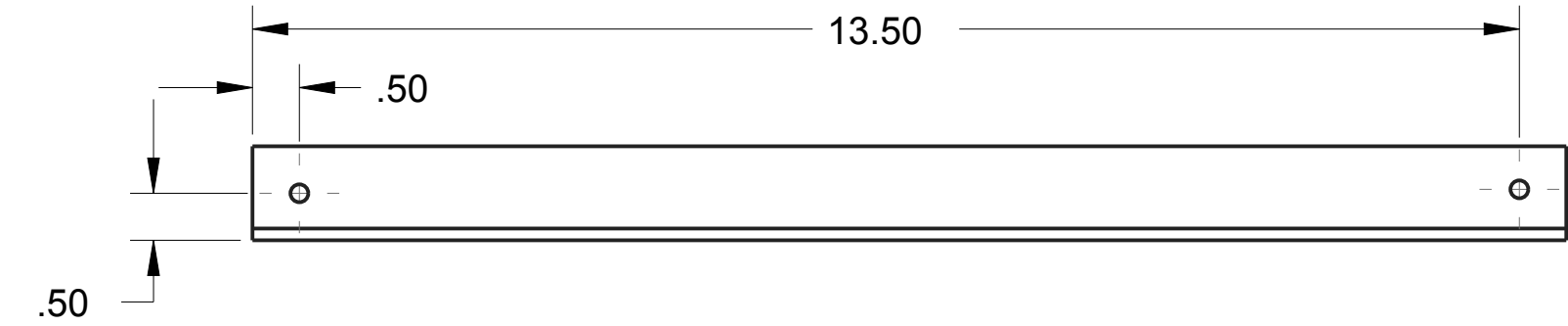
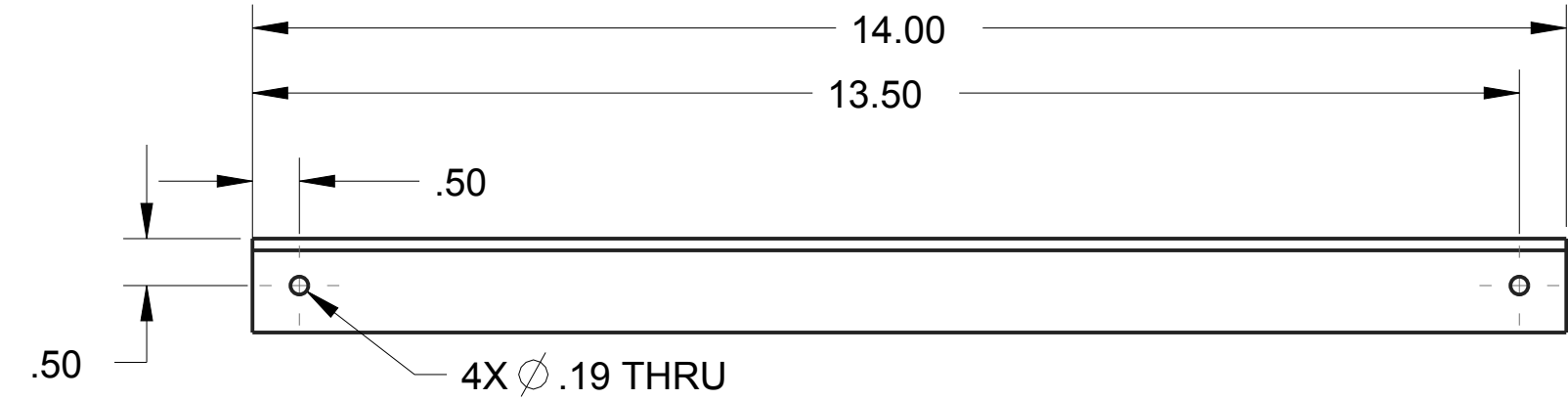
.00

3X \varnothing .25

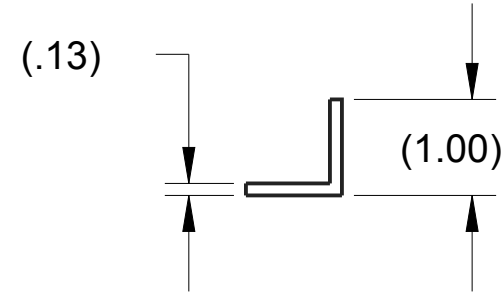
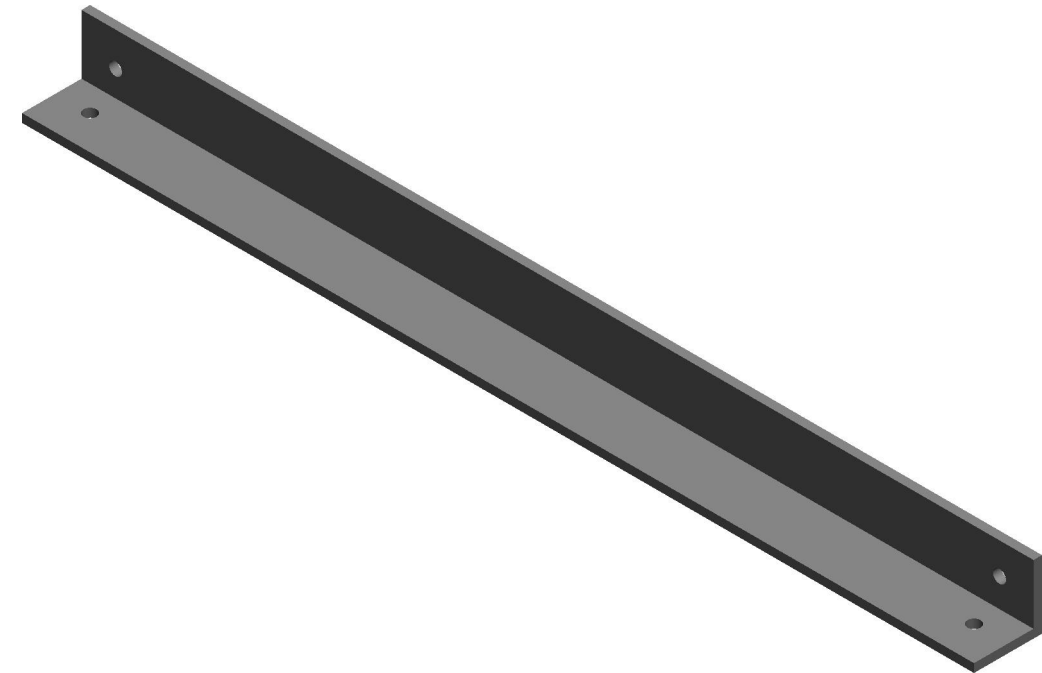
1.50


2X 19.63

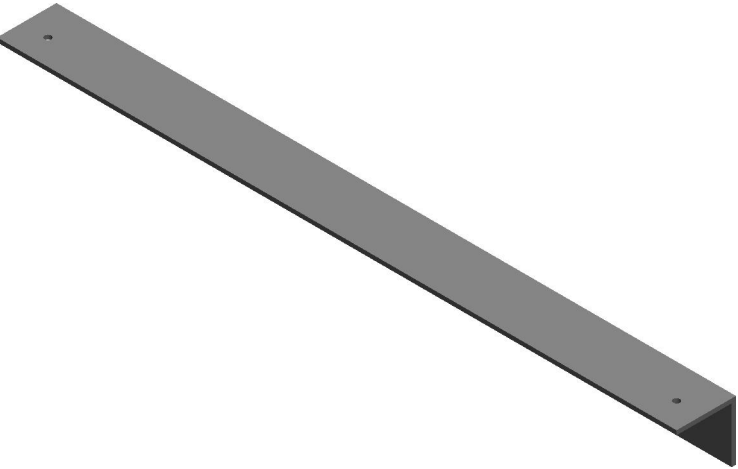
	 <small>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREON OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION</small>	DRAWN BY	DATE
		CHECKED BY	DATE
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		SCALE 1:8	SHEET 1 OF 1
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°		TITLE PLASTIC GUARD, LOW GOAL	
DO NOT SCALE		PROJECT	MODEL NAME GE-16115
		ISSUE	



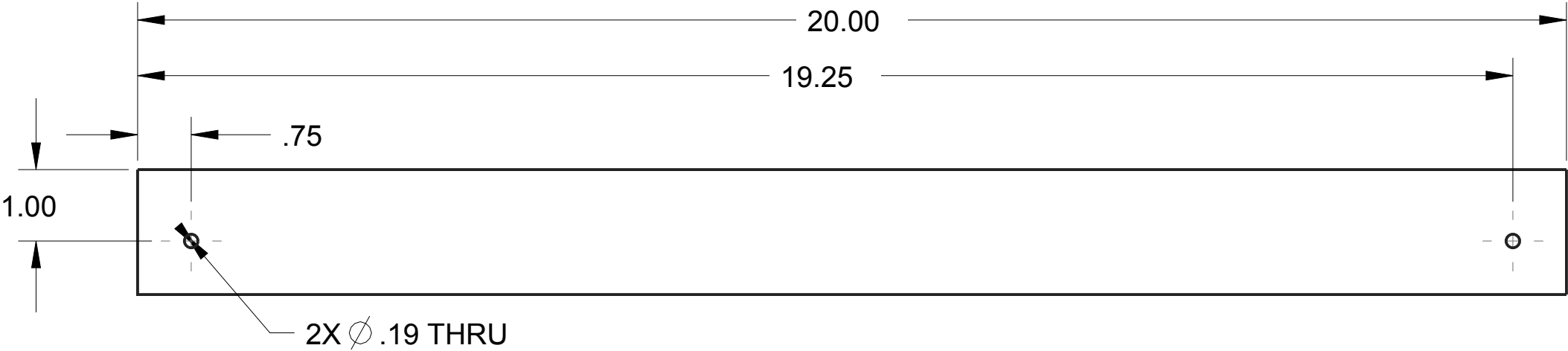
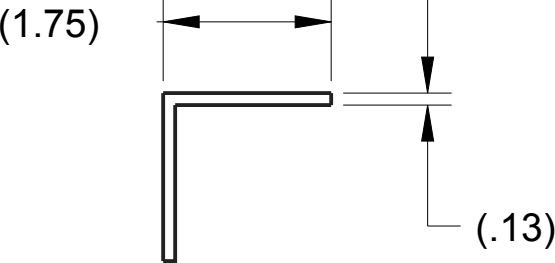
NOTES:
1. MATERIAL: 1" X .125" ANGLE, 6063 ALUMINUM




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	TITLE BRACKET, LOW GOAL RAMP	
	PROJECT	MODEL NAME GE-16118
<div>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°</div>	ISSUE	
	DO NOT SCALE	

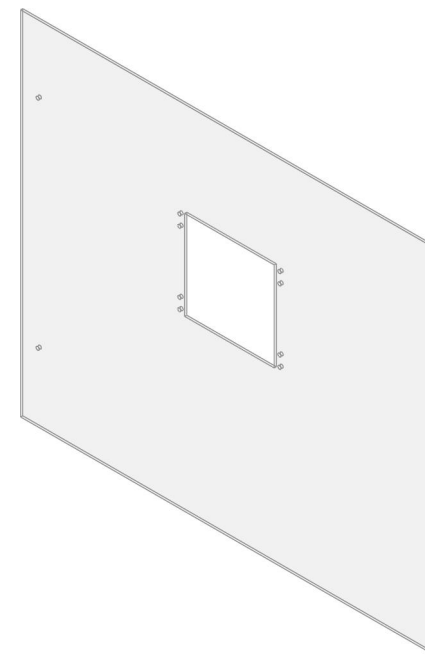
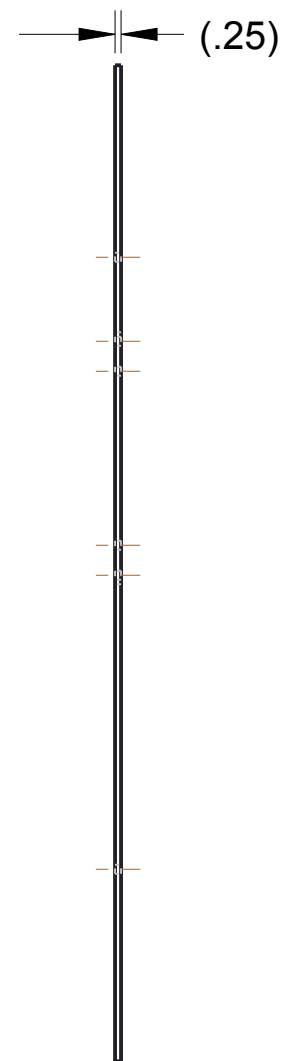
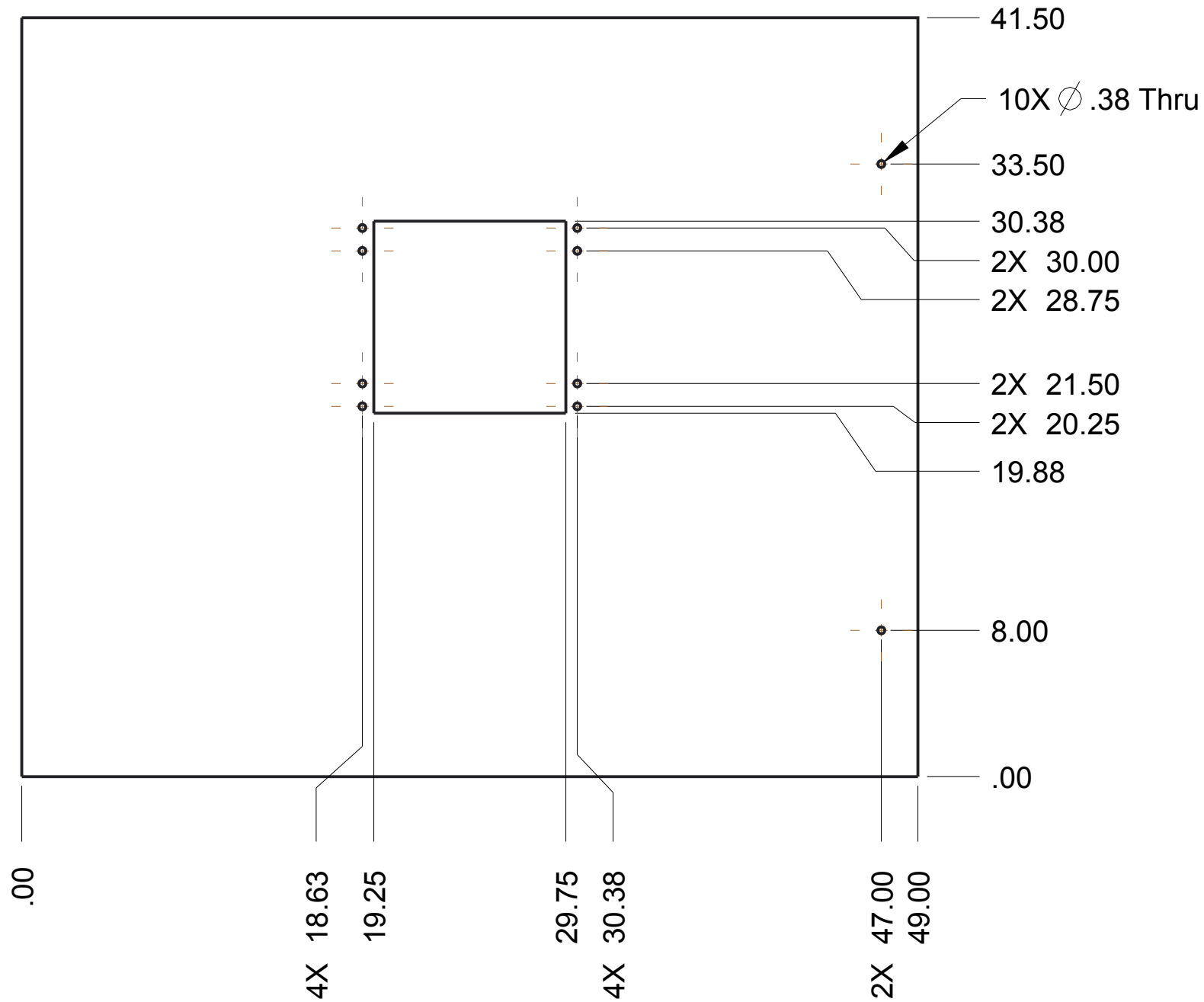


SCALE 1:4



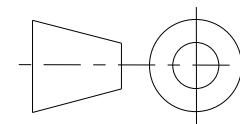
- NOTES:
1. MATERIAL: 1.75" X .125" ANGLE, 6063 ALUMINUM
 2. REMOVE ALL BURRS AND SHARP EDGES

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	TITLE SUPPORT, LOW GOAL RAMP	
	PROJECT	MODEL NAME GE-16119
<div>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°</div>	ISSUE	
	DO NOT SCALE	



NOTES

Material: Clear Polycarbonate, .25" Thick
Scale: 1:8



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X.XXX +/- 0.001
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SCALE 1:8

MODEL NAME

GE-16120

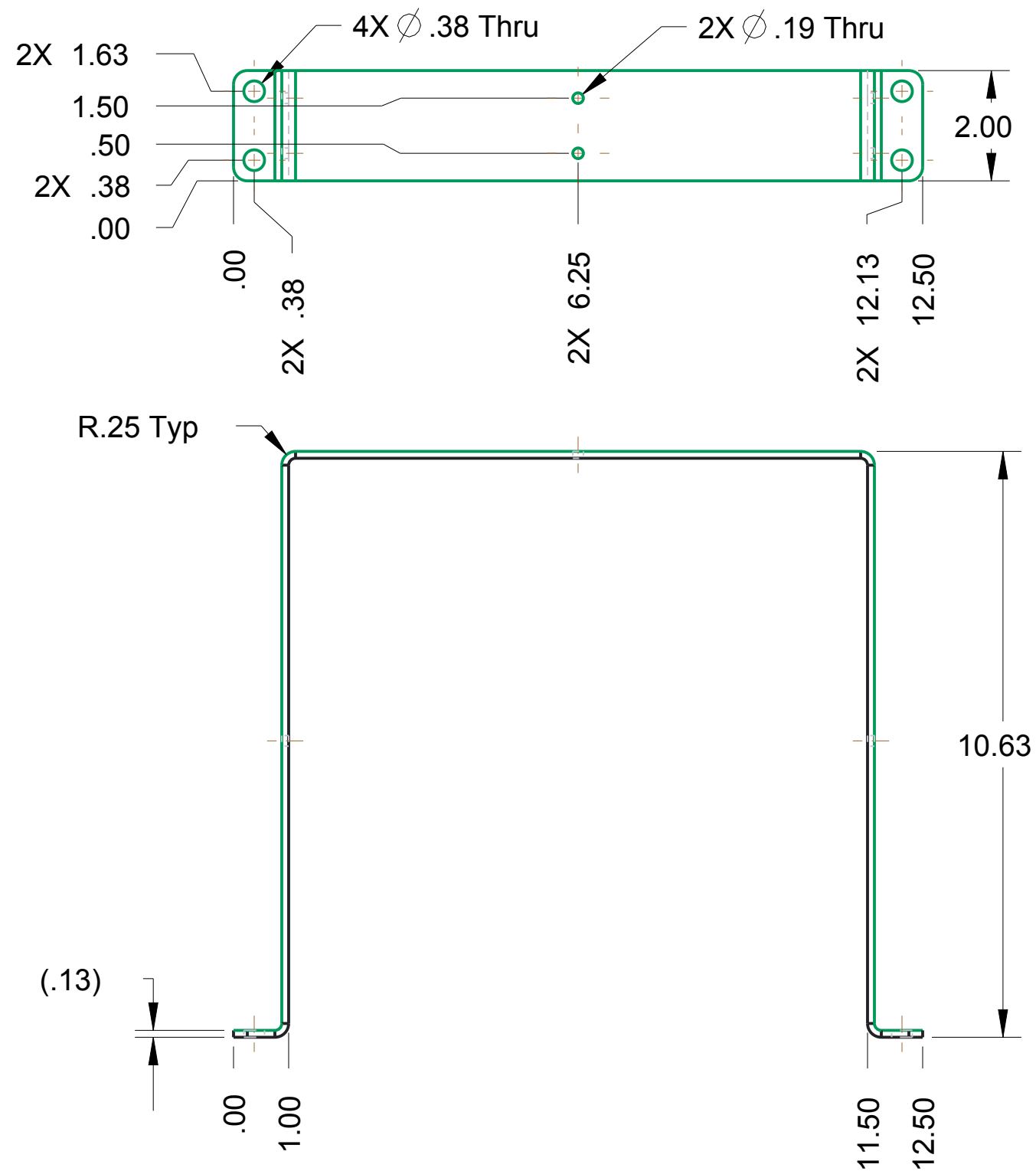
DATE

	DATE
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DATE

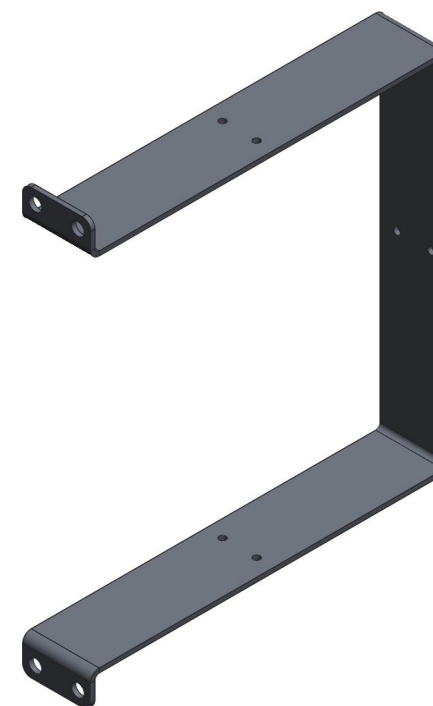
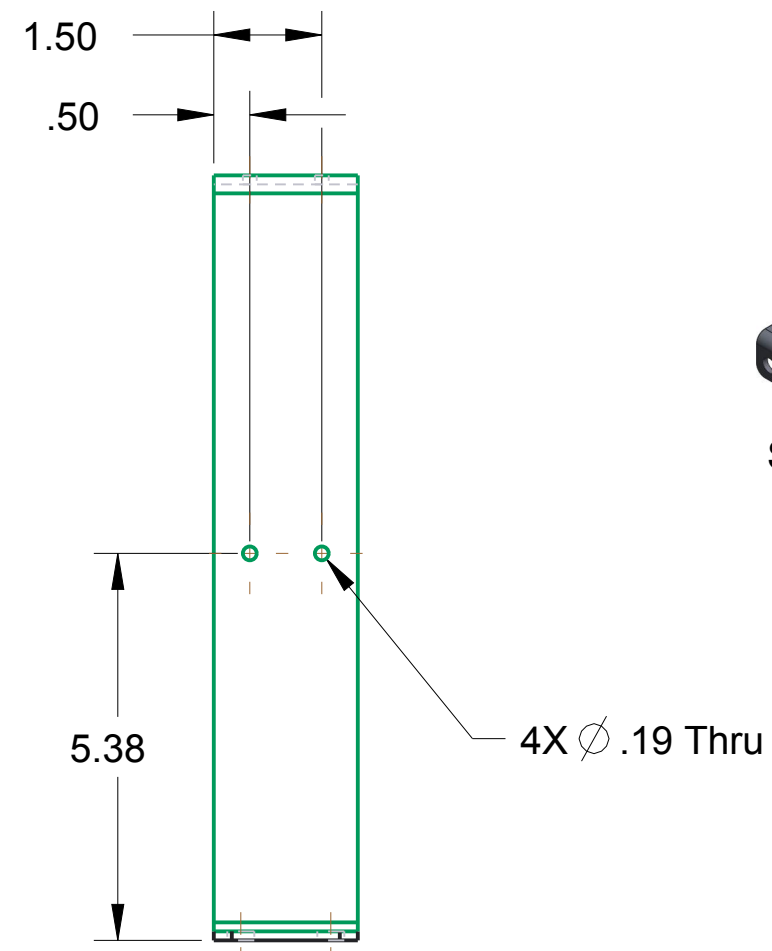
SHEET 1 OF 1

ISSUE

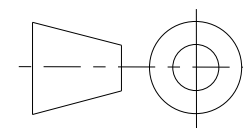


NOTE

1. Material: 5052 Aluminum Sheet, .125" Thick
2. Remove all burrs and sharp edges.



SCALE 1:4



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SCALE 3:8

MODEL NAME	GE-16122
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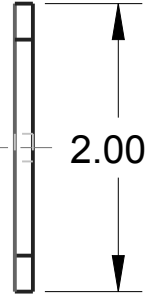
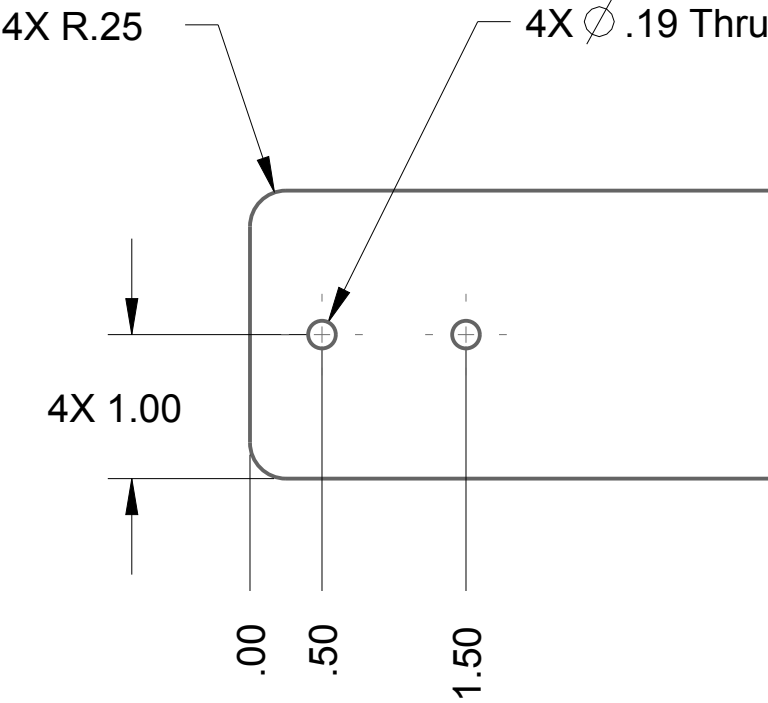
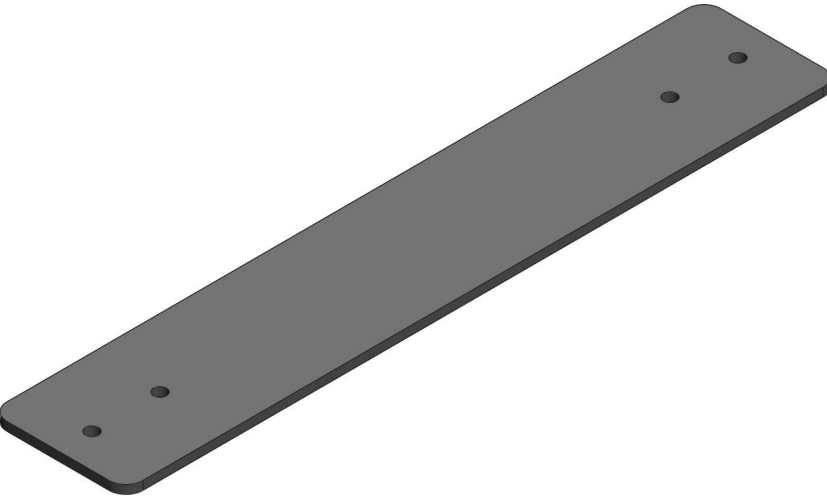
DATE

DATE

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SHEET 1 OF 1

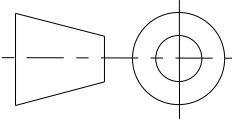
ISSUE



NOTE

Material: 5052 Aluminum Sheet, .125" Thick
Scale: 3:4

Remove all burrs and sharp edges



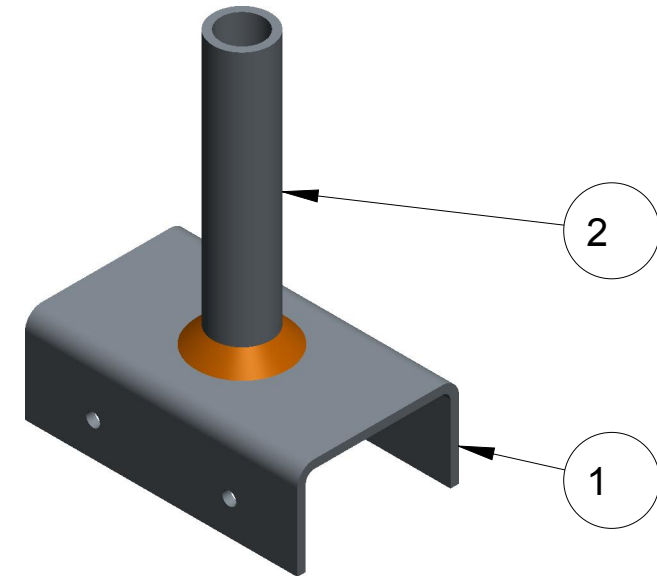
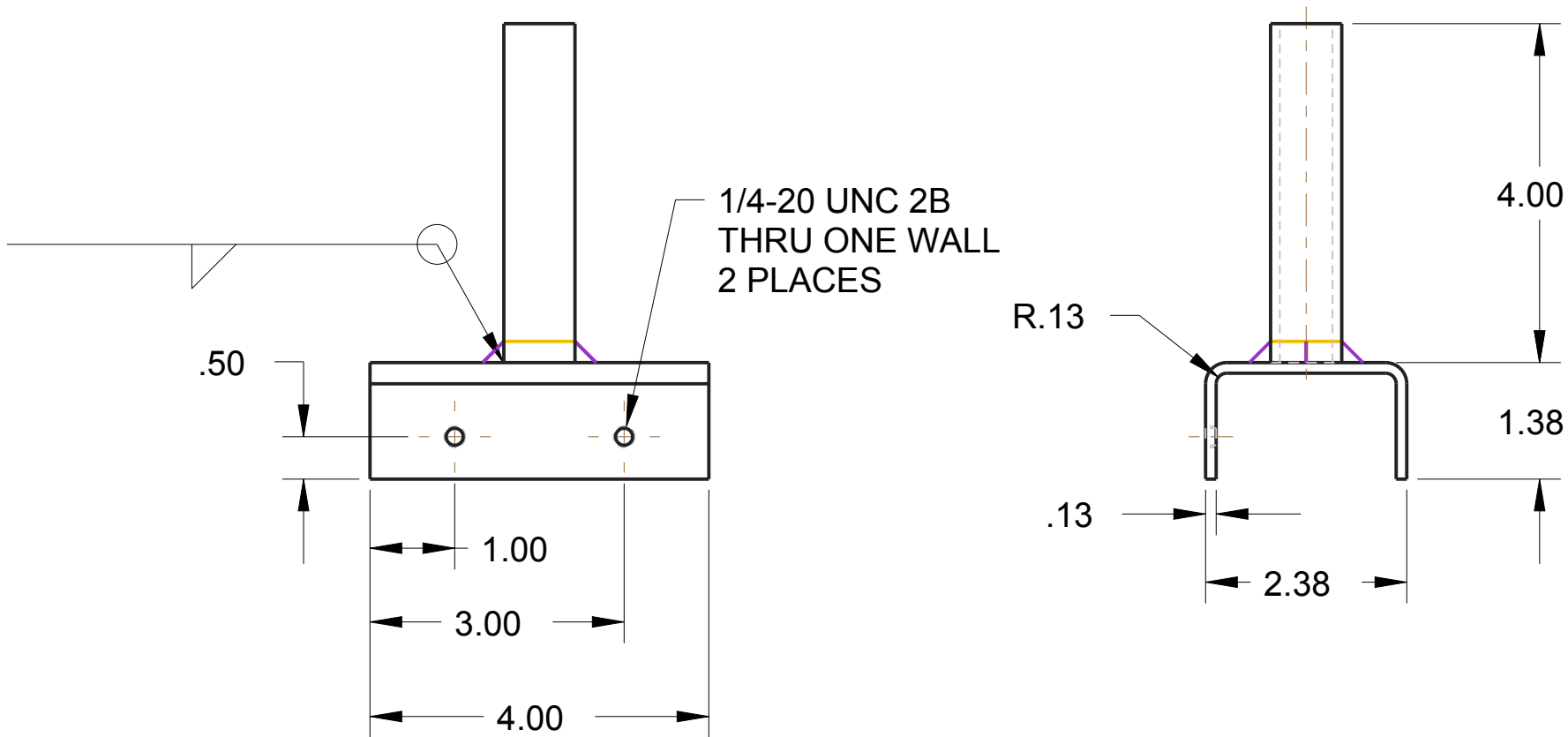
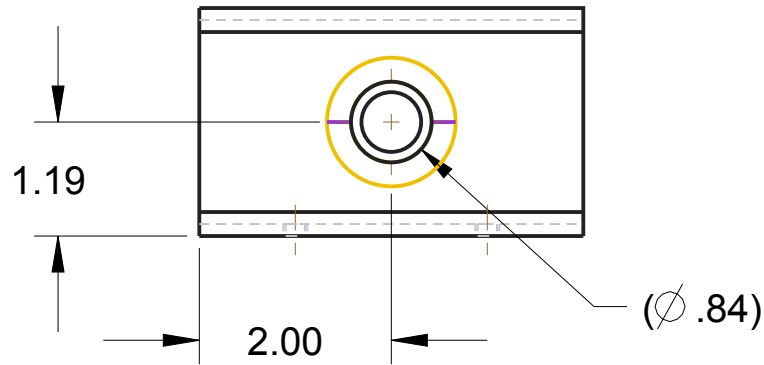
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X.XXX +/- 0.001
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MODEL NAME GE-16123		APPROVED BY	DATE
ISSUE		SCALE 1:2	SHEET 1 OF 1



ITEM NO	PART NUMBER	QTY	DESCRIPTION
1	GE-16125-01	1	5052 aluminum sheet
2	GE-16125-02	1	1/2" schedule 40 pipe, 6061 alum



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SCALE 1:2

SHEET 1 OF 1

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X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

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TITLE

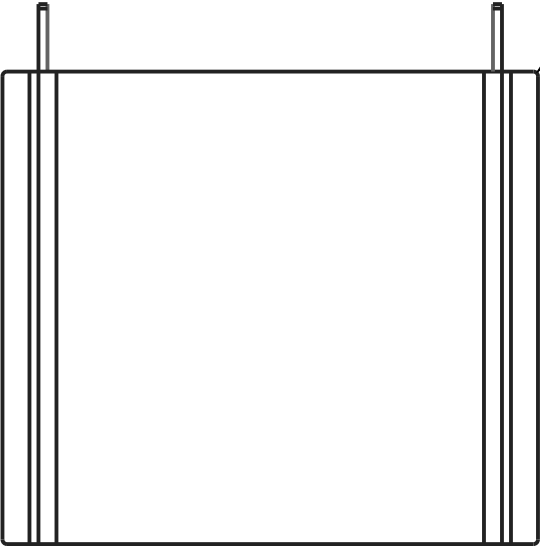
Standard Holder

PROJECT

MODEL NAME

GE-16125

ISSUE



4X R.13

R.50 Typ

90° Typ

(.25)

.00

1.00

13.88

14.88

.00

13.13

15.00

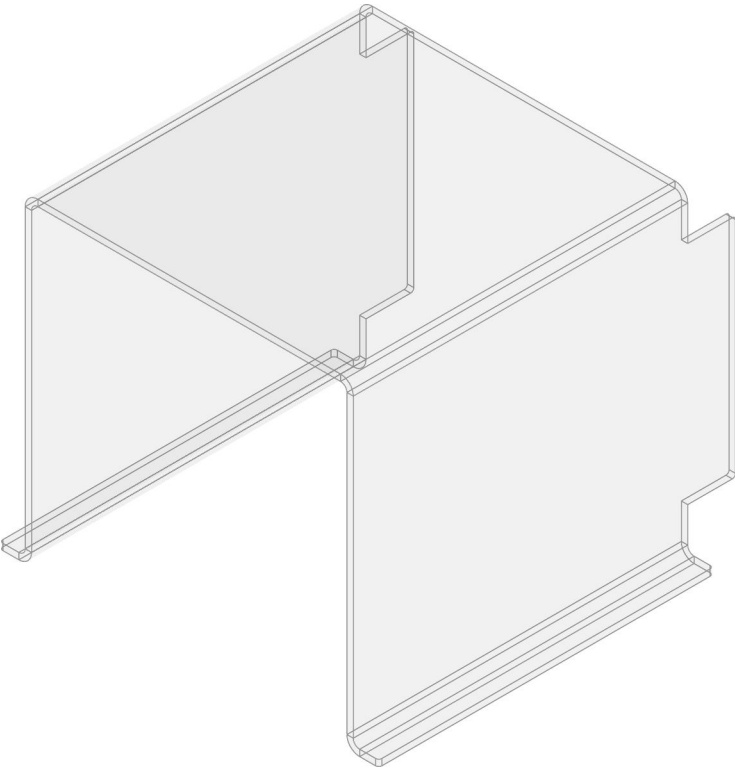
12.63

4X R.13

10.75

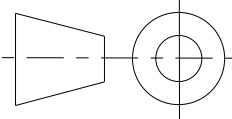
1.88

.00



NOTE

Material: Clear Polycarbonate, .25" Thick
Scale: 3:16



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X.XXX +/- 0.001
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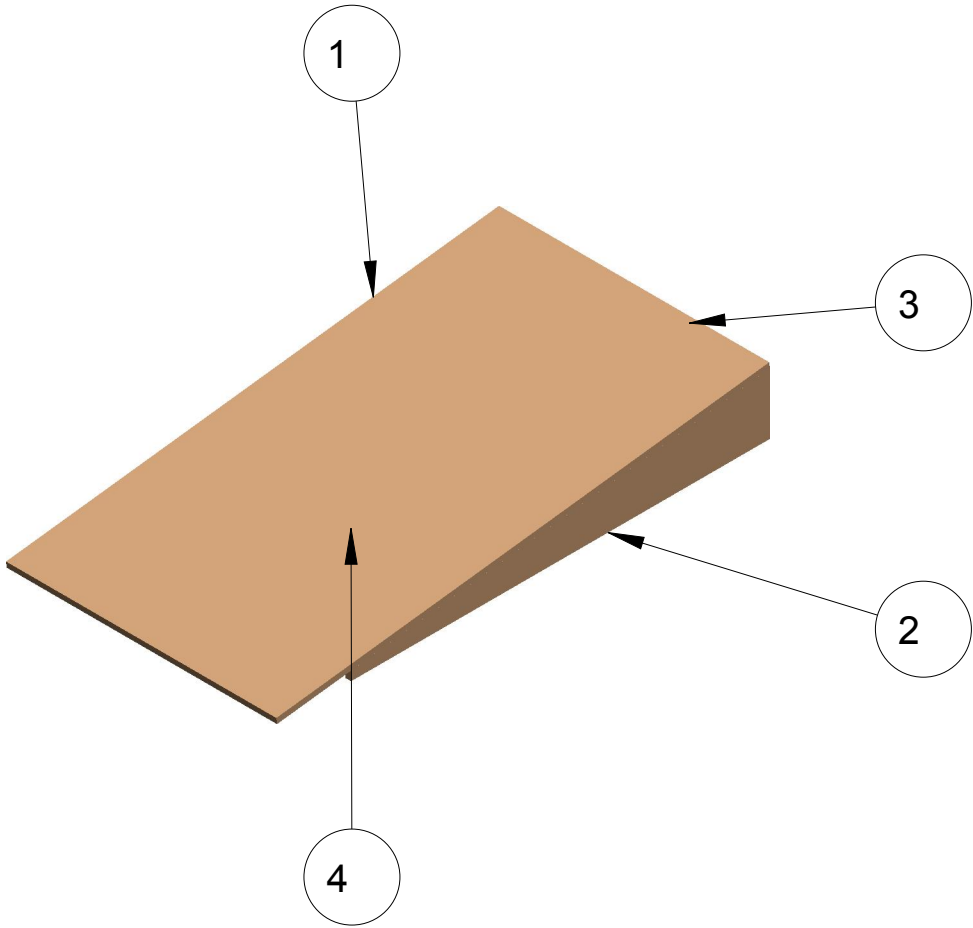
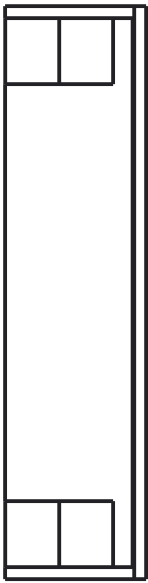
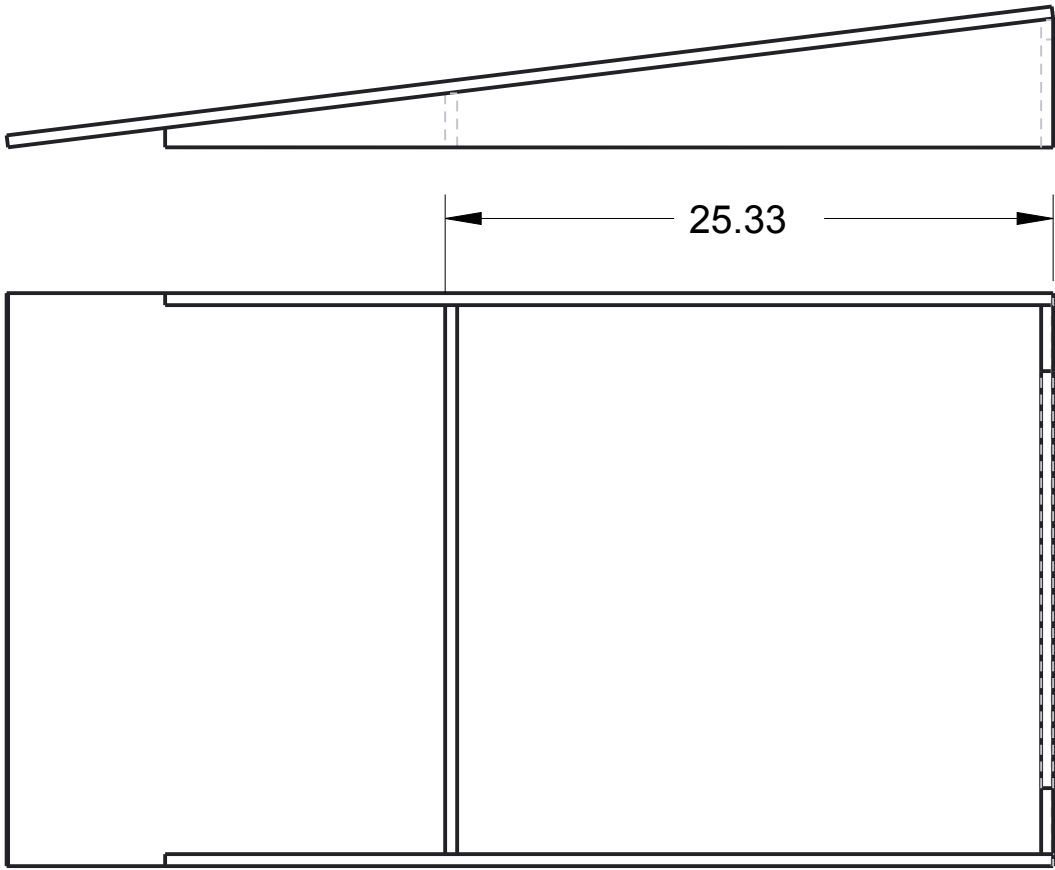
DATE

SCALE 3:16


SHEET 1 OF 1

MODEL NAME
GE-16127

ISSUE



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16137-01	1	ge-16137-01.prt	1/2" Plywood
2	GE-16137-02	2	ge-16137-02.prt	1/2" Plywood
3	GE-16137-03	1	ge-16137-03.prt	1/2" Plywood
4	GE-16137-04	1	ge-16137-04.prt	1/2" Plywood



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TITLE


BATTER RAMP, MIDDLE

PROJECT

MODEL NAME

GE-16137

ISSUE



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PROJECT

MODEL NAME

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PROJECT

MODEL NAME

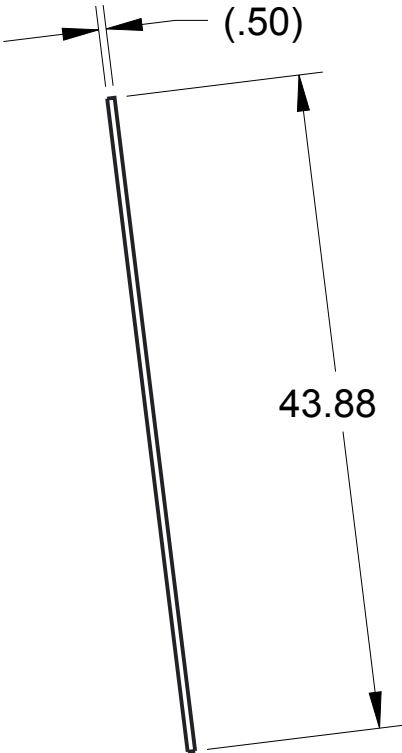
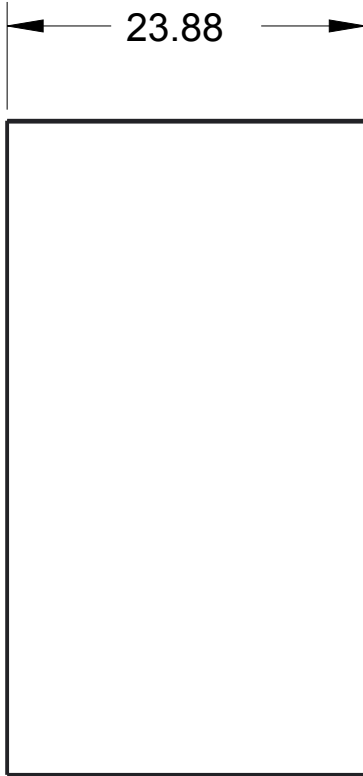
GE-16137

ISSUE

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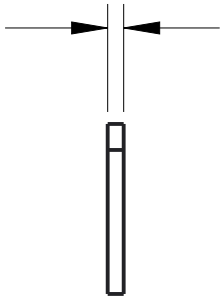
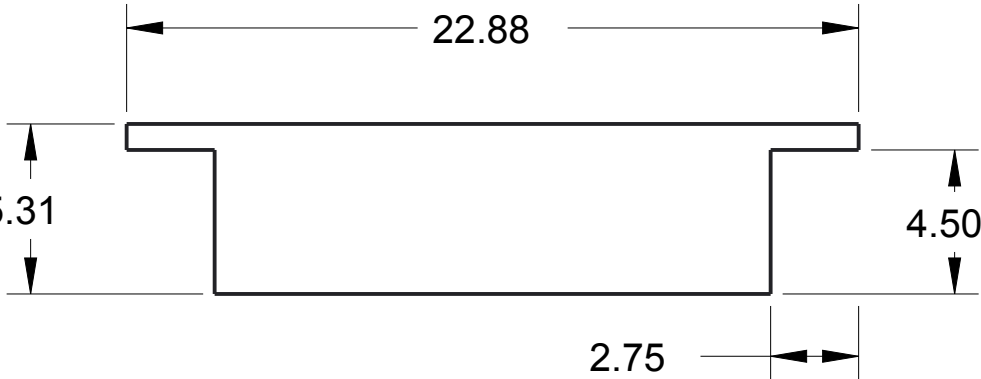
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X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

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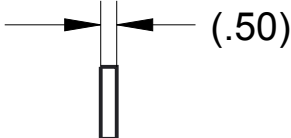
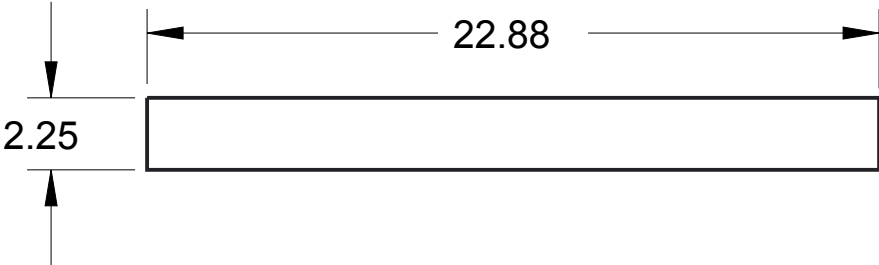
NOTE

Part: Ge-16137-01
Material: 1/2" Plywood
Qty: 1



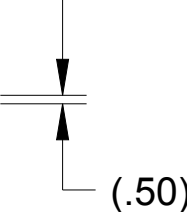
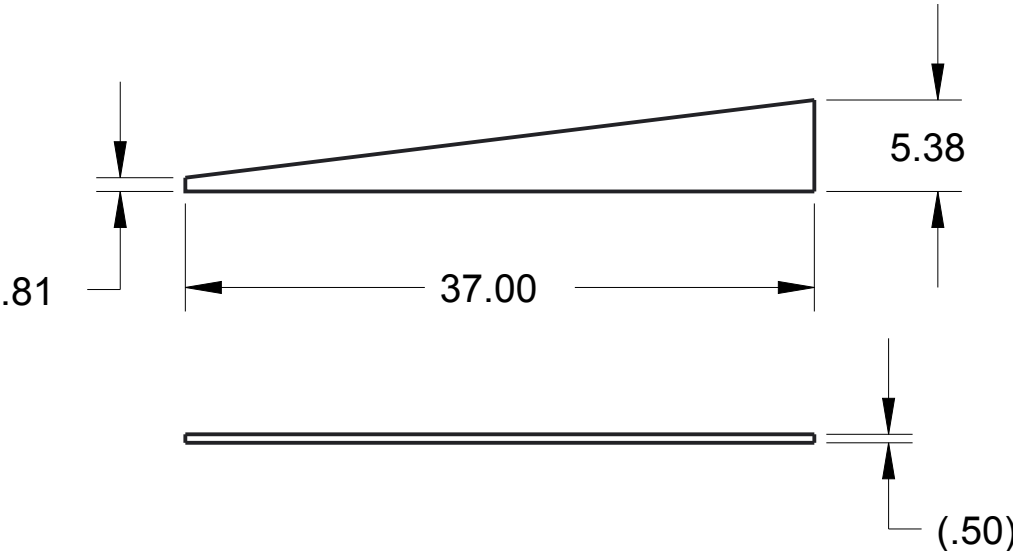
NOTE

Part: Ge-16137-03
Material: 1/2" Plywood
Qty: 1



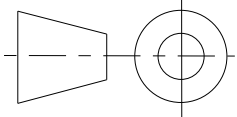
NOTE

Part: Ge-16137-04
Material: 1/2" Plywood
Qty: 1



NOTE

Part: Ge-16137-02
Material: 1/2" Plywood
Qty: 2



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X.XXX +/- 0.001
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BATTER RAMP, MIDDLE

PROJECT

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SCALE 1:8

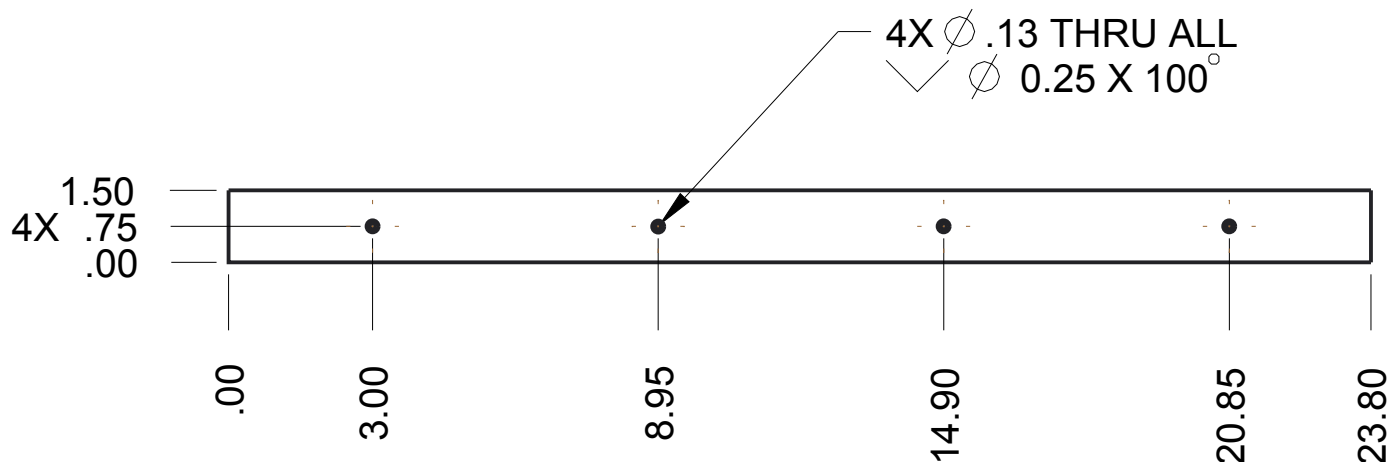
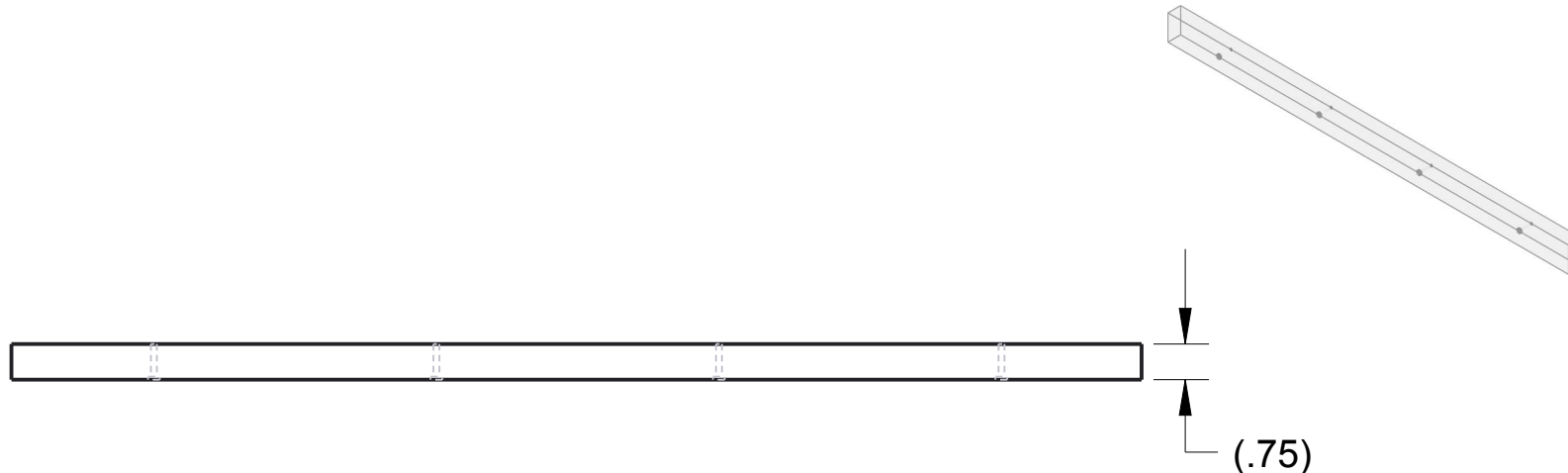
SHEET 2 OF 2

MODEL NAME
GE-16137

ISSUE


MODEL NAME
GE-16138-05

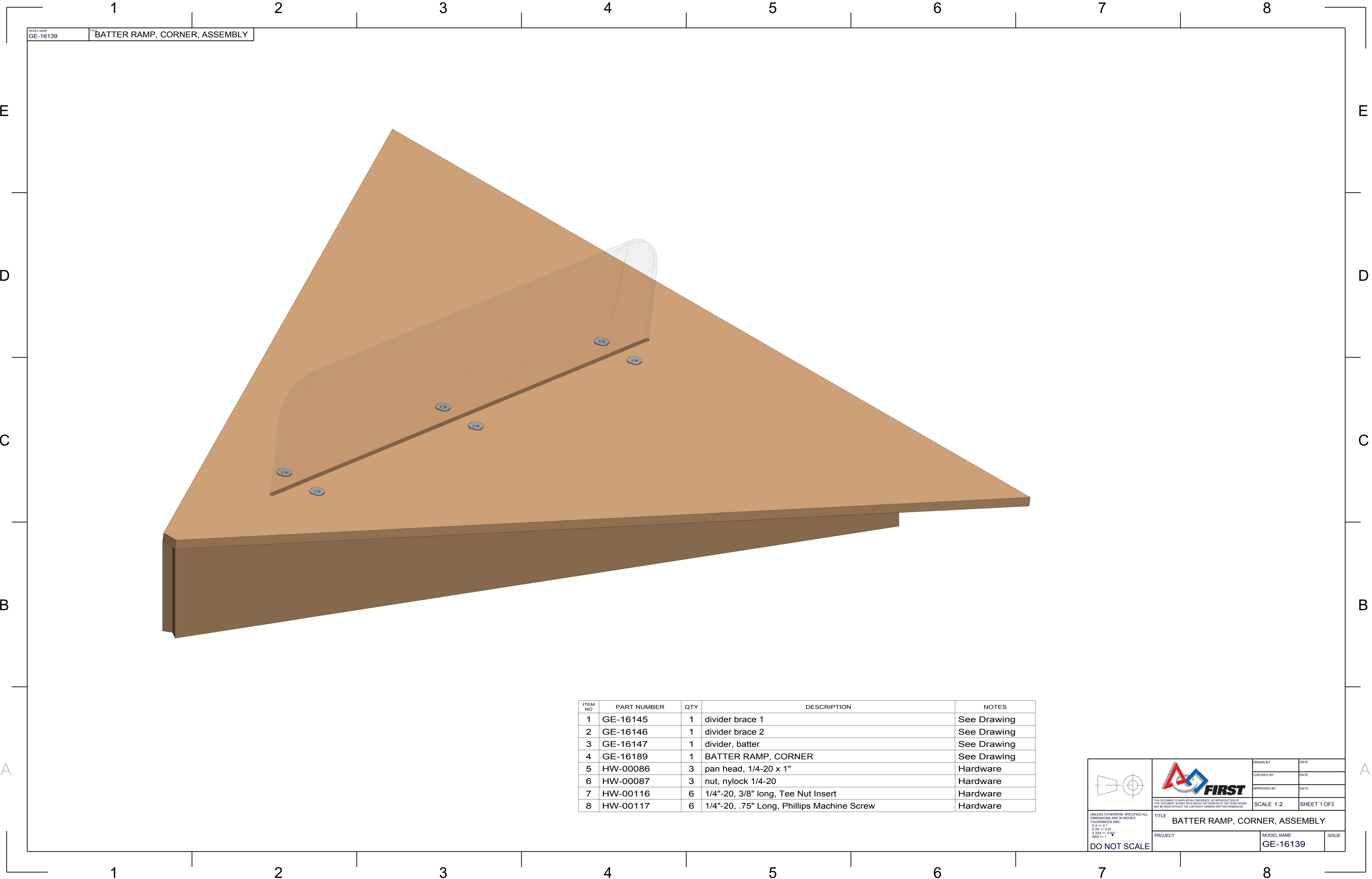
TITLE
BR, MBUMP



Note:

Material: Clear Polycarbonate, .75
thick
Scale 1:8
Qty: 4

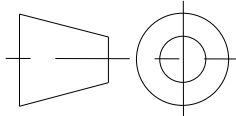
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	APPROVED BY	DATE
	SCALE 1:8	SHEET 1 OF 1
TITLE BR, MBUMP		
PROJECT		MODEL NAME GE-16138-05
DO NOT SCALE		ISSUE



MODEL NAME
GE-16139


BATTER RAMP, CORNER, ASSEMBLY

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16145	1	divider brace 1	See Drawing
2	GE-16146	1	divider brace 2	See Drawing
3	GE-16147	1	divider, batter	See Drawing
4	GE-16189	1	BATTER RAMP, CORNER	See Drawing
5	HW-00086	3	pan head, 1/4-20 x 1"	Hardware
6	HW-00087	3	nut, nylock 1/4-20	Hardware
7	HW-00116	6	1/4"-20, 3/8" long, Tee Nut Insert	Hardware
8	HW-00117	6	1/4"-20, .75" Long, Phillips Machine Screw	Hardware



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XXX ±0.01
X.XXX ±0.001
ANG ±1

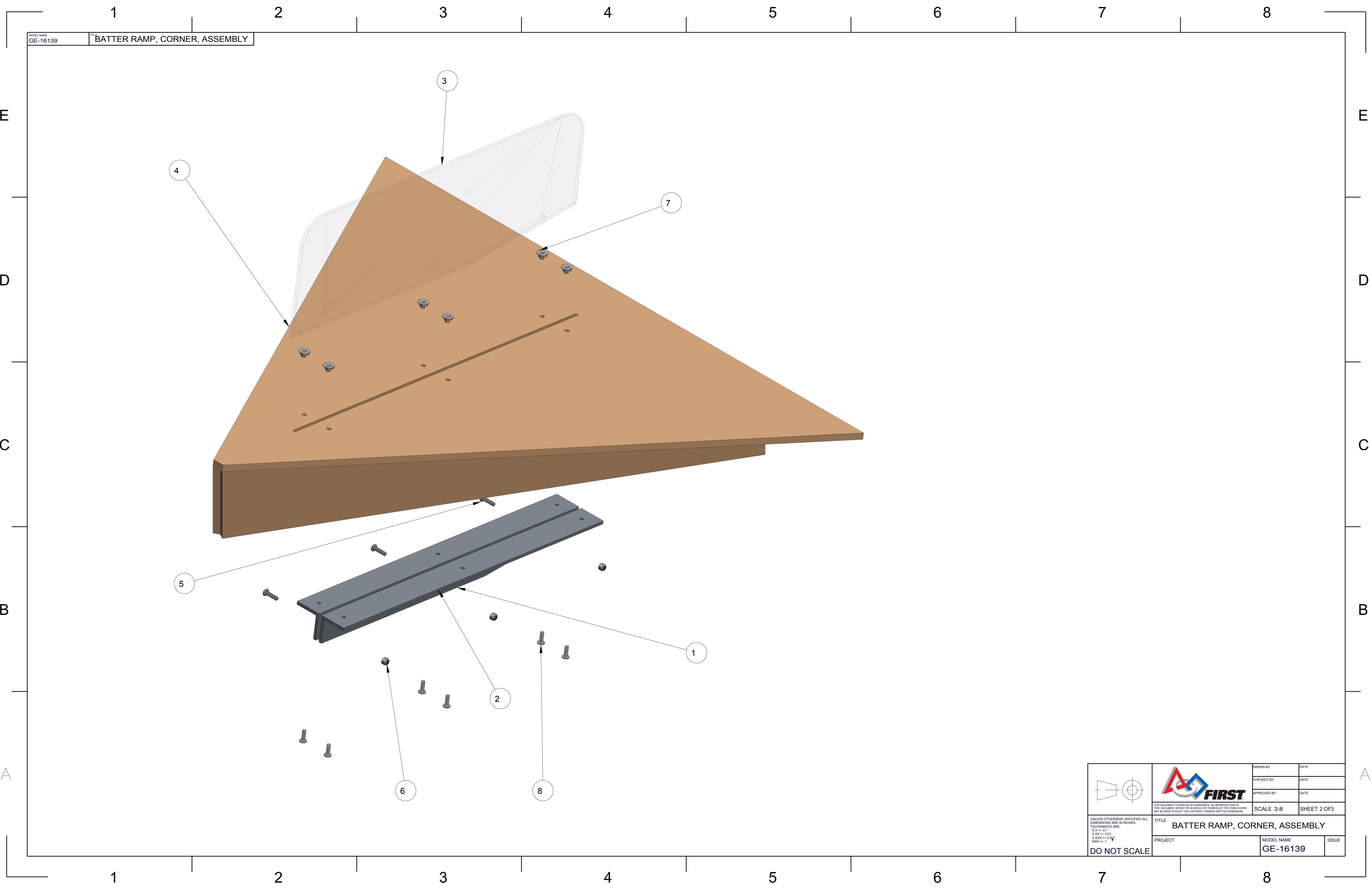
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TITLE
BATTER RAMP, CORNER, ASSEMBLY

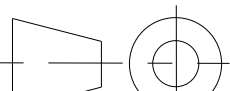

PROJECT

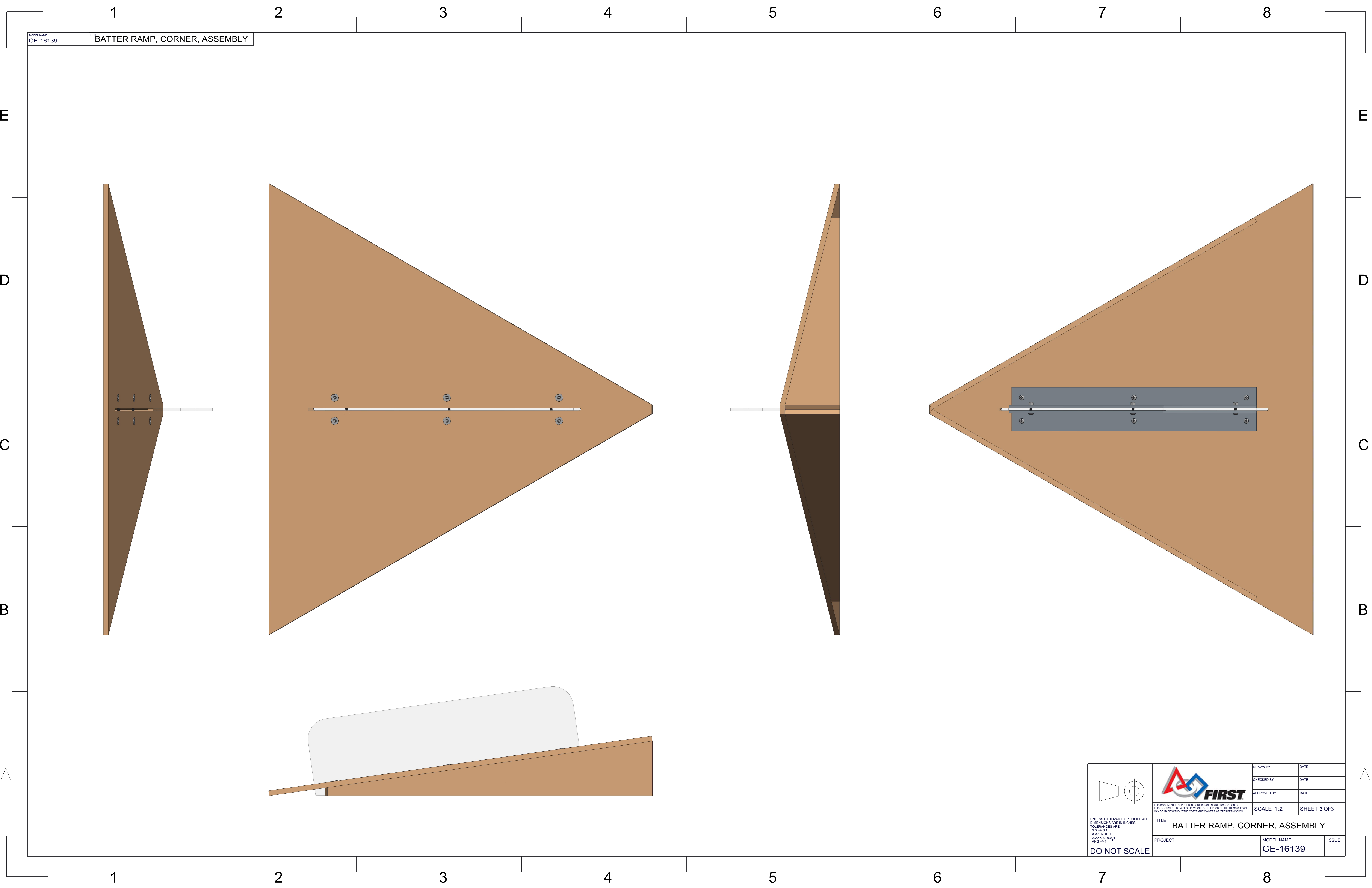
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SCALE 1:2	SHEET 1 OF3
MODEL NAME GE-16139	ISSUE



MODEL NAME
GE-16139

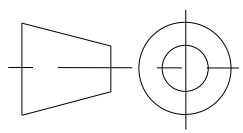

BATTER RAMP, CORNER, ASSEMBLY

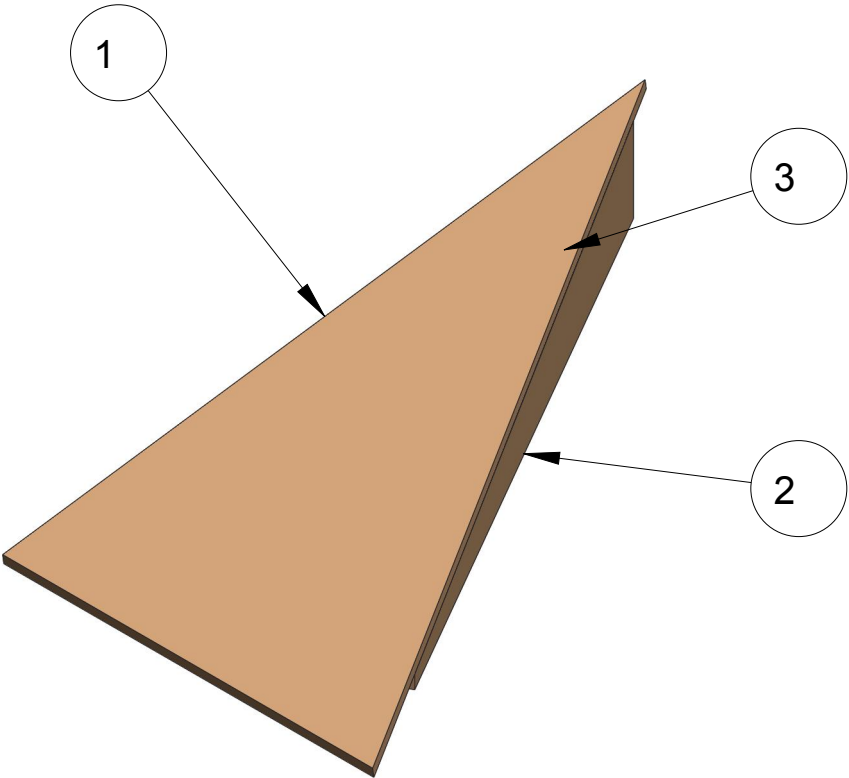
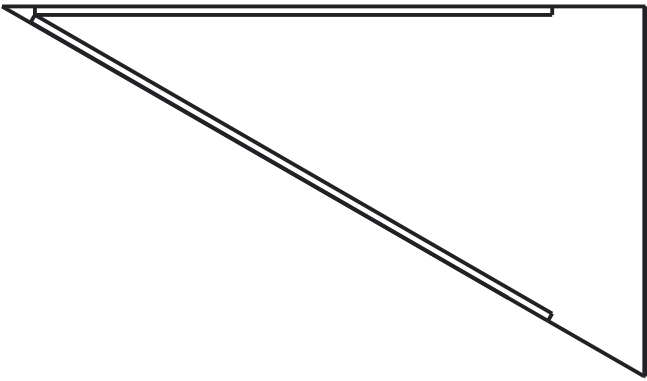
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		SCALE 3:8	
TITLE BATTER RAMP, CORNER, ASSEMBLY			
PROJECT		MODEL NAME GE-16139	ISSUE



MODEL NAME
GE-16139

BATTER RAMP, CORNER, ASSEMBLY

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		APPROVED BY	DATE
		SCALE 1:2	SHEET 3 OF 3
TITLE BATTER RAMP, CORNER, ASSEMBLY			
PROJECT		MODEL NAME GE-16139	ISSUE



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16140-01	1	ge-16140-01.prt	1/2" Plywood
2	GE-16140-02	1	ge-16140-02.prt	1/2" Plywood
3	GE-16140-03	1	ge-16140-03.prt	1/2" Plywood

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TOLERANCES ARE:
X.X +/- 0.1
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X.XXX +/- 0.001
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SCALE 17:192

SHEET 1 OF 2

TITLE

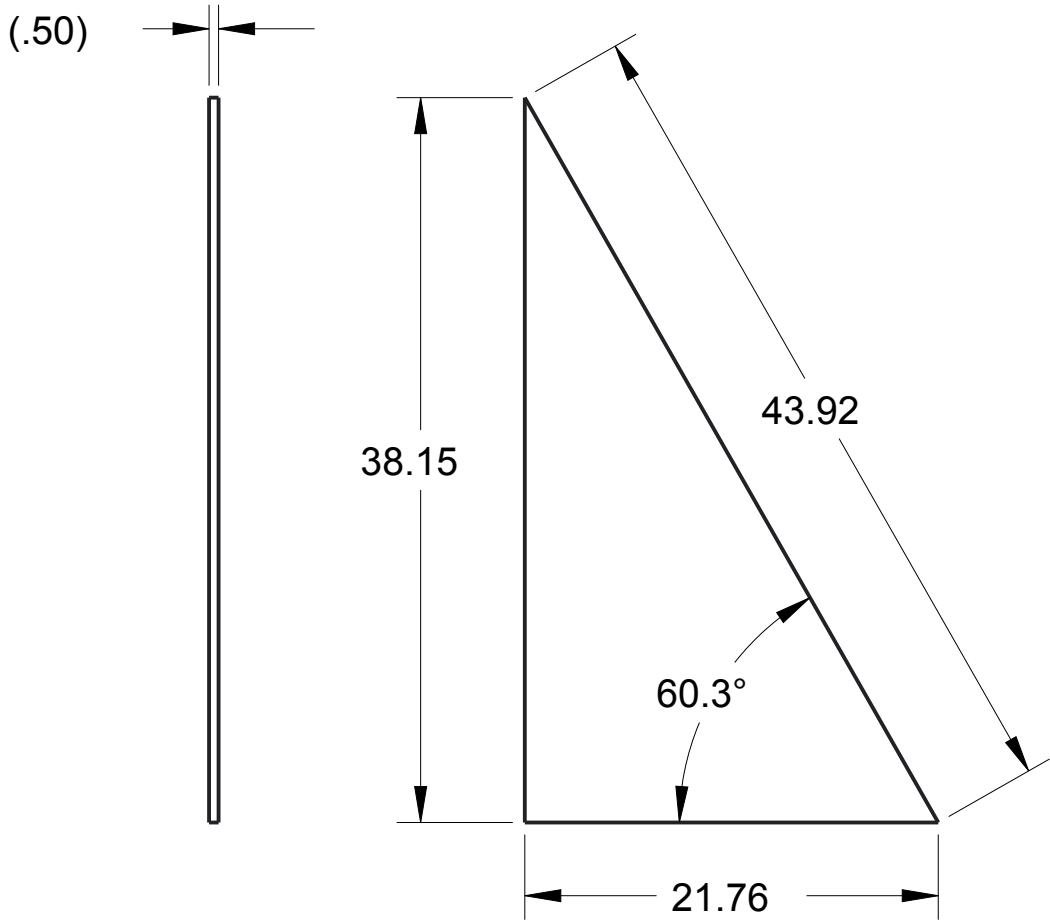
BR, HALF CORNER 1

PROJECT

MODEL NAME

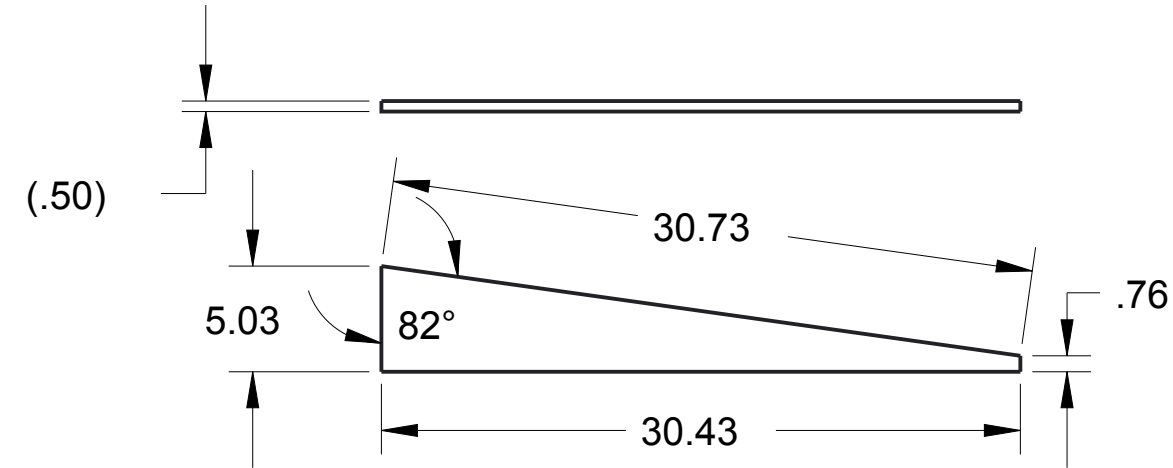
ISSUE

GE-16140



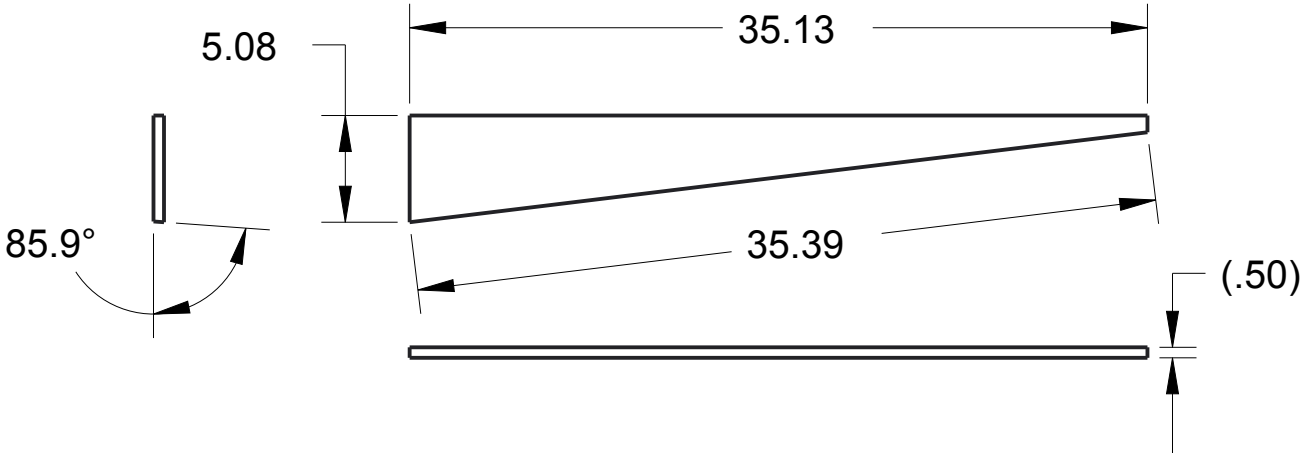
NOTE

Part: GE-16140-01
Material: 1/2" Plywood
Qty: 1




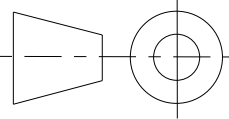
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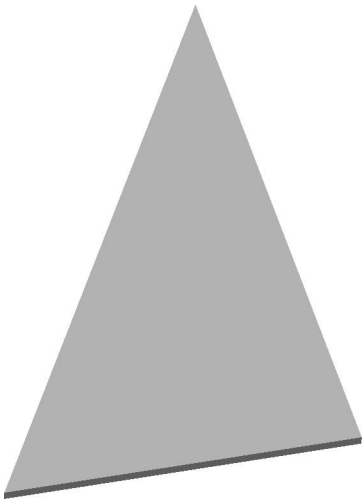
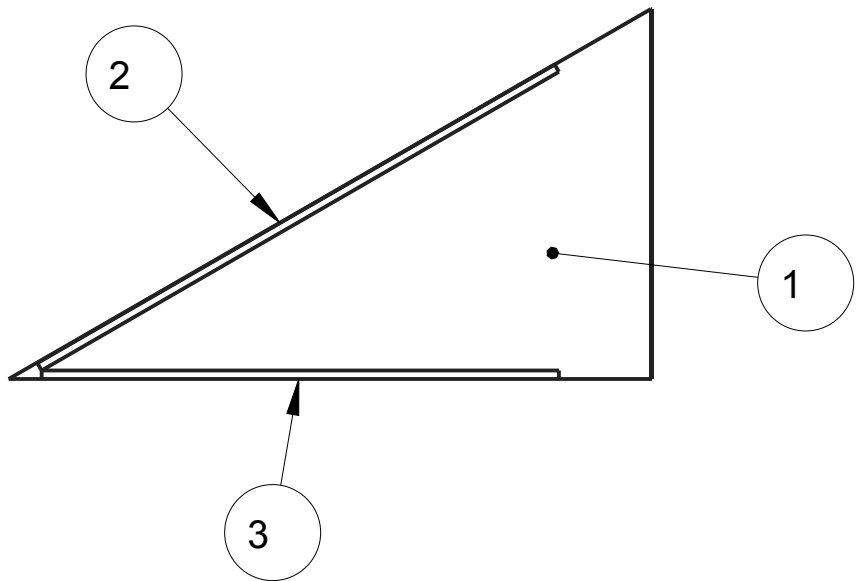
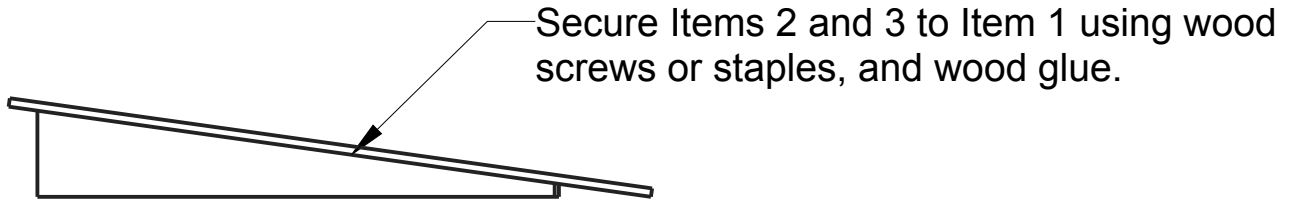
Part: GE-16140-03
Material: 1/2" Plywood
Qty: 1



NOTE

Part: GE-16140-03
Material: 1/2" Plywood
Qty: 1

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	CHECKED BY	DATE
	APPROVED BY	DATE
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	SCALE 17:192	
TITLE		SHEET 2 OF 2
PROJECT		ISSUE
BATTER RAMP, HALF CORNER 1		
MODEL NAME		GE-16140



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16141-01	1	ge-16141-01.prt	1/2" Plywood
2	GE-16141-02	1	ge-16141-02.prt	1/2" Plywood
3	GE-16141-03	1	ge-16141-03.prt	1/2" Plywood

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TOLERANCES ARE:
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X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

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SCALE 17:192

SHEET 1 OF2

TITLE

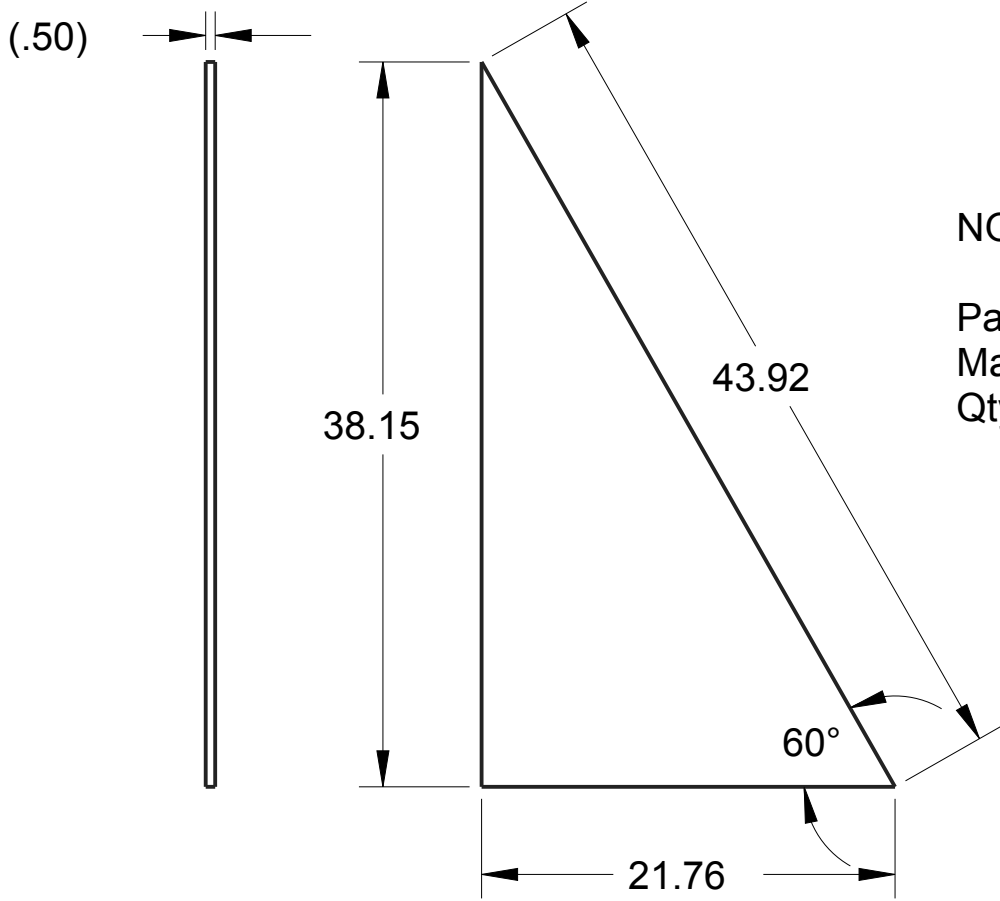
BATTER RAMP, HALF CORNER 2

PROJECT

MODEL NAME

ISSUE

GE-16141

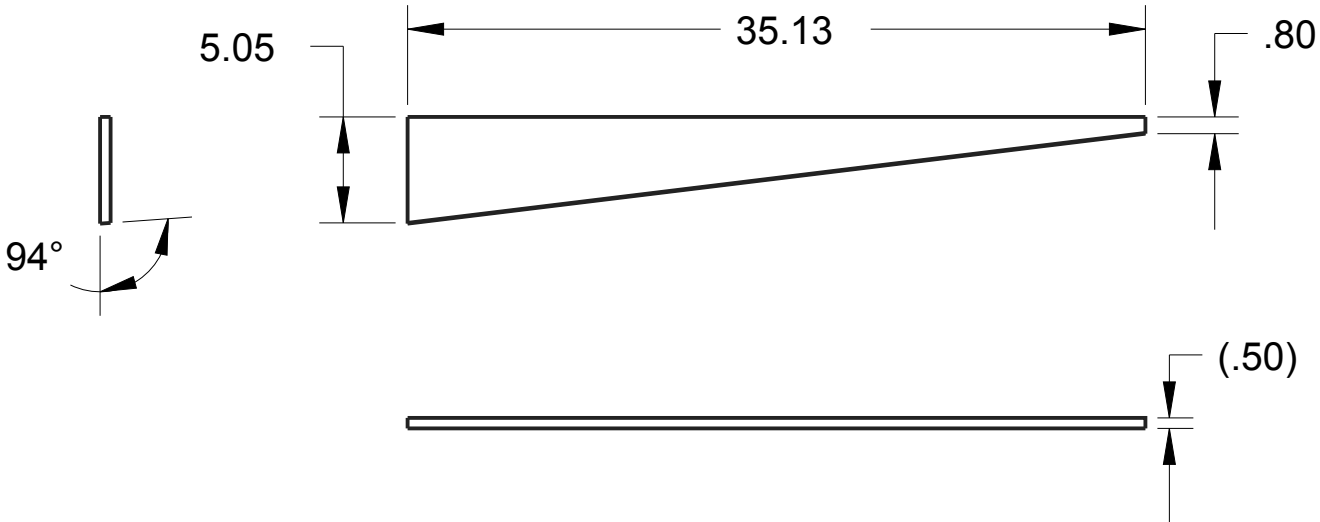


NOTE

Part: GE-16141-01

Material: 1/2" Plywood

Qty: 1

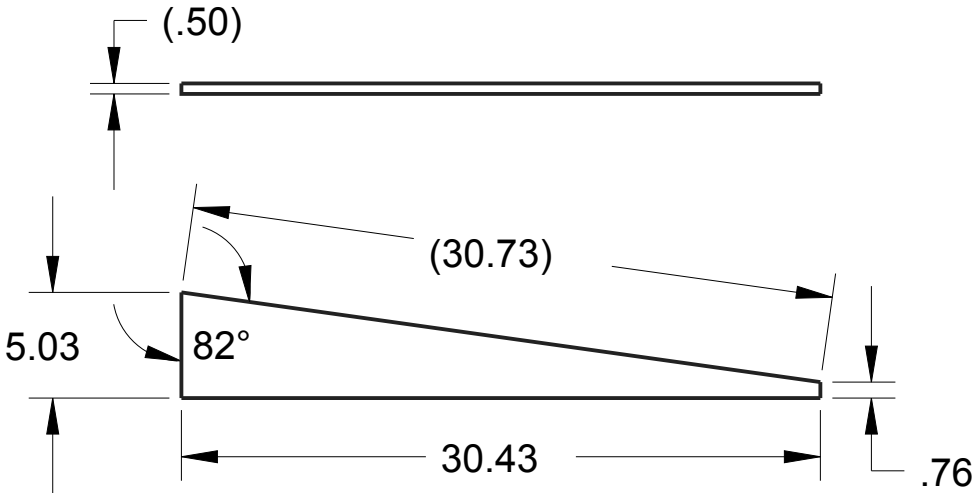


NOTE

Part: GE-16141-02

Material: 1/2" Plywood

Qty: 1





NOTE

Part: GE-16141-03

Material: 1/2" Plywood

Qty: 1

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	SCALE 17:192	SHEET 2 OF2
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	PROJECT	MODEL NAME GE-16141 ISSUE

D

C

B

A

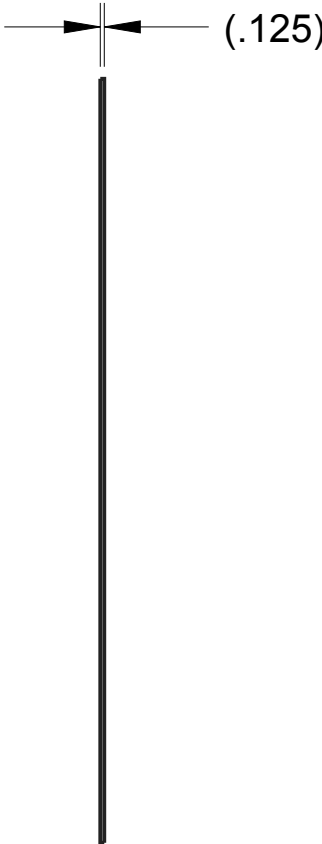
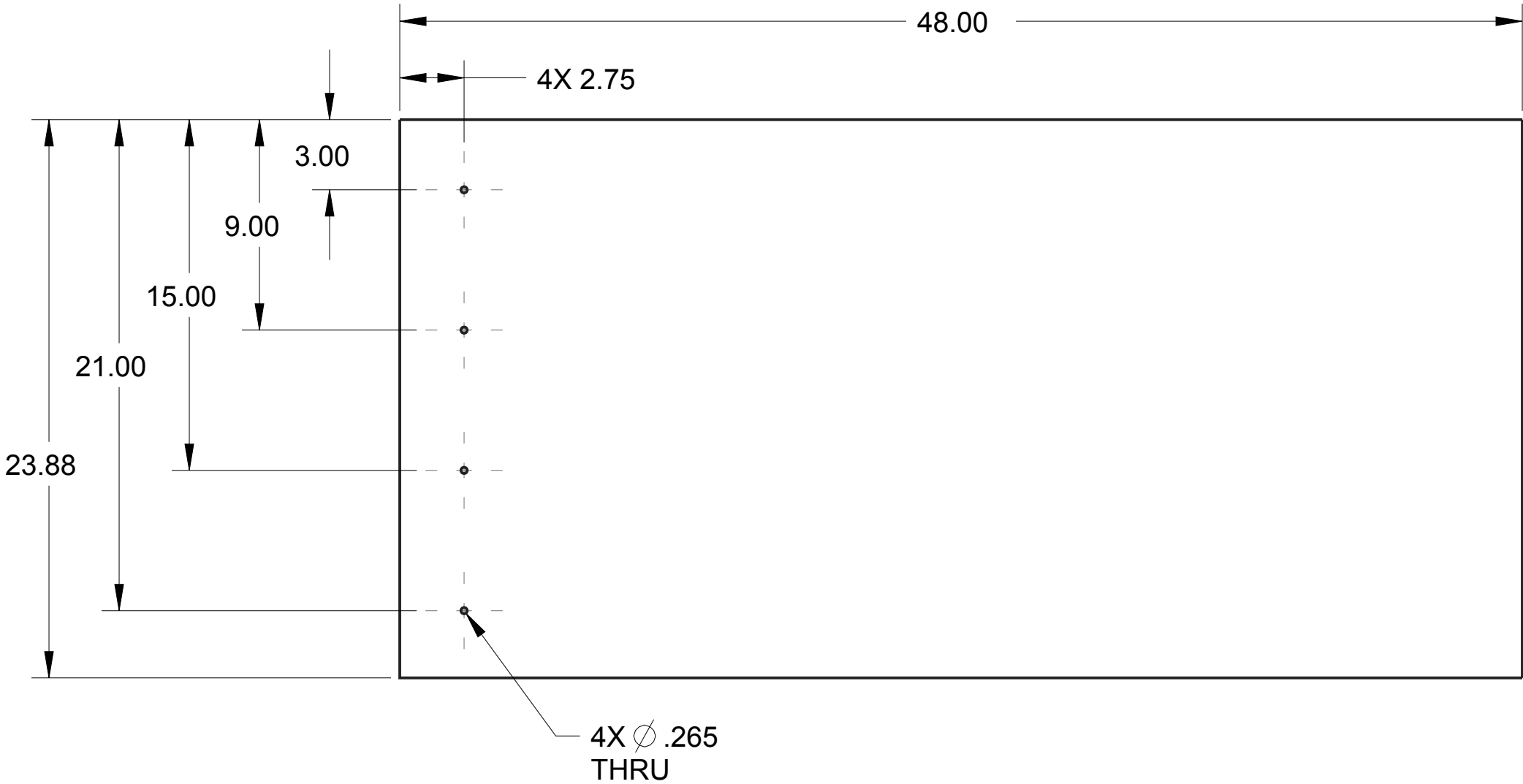
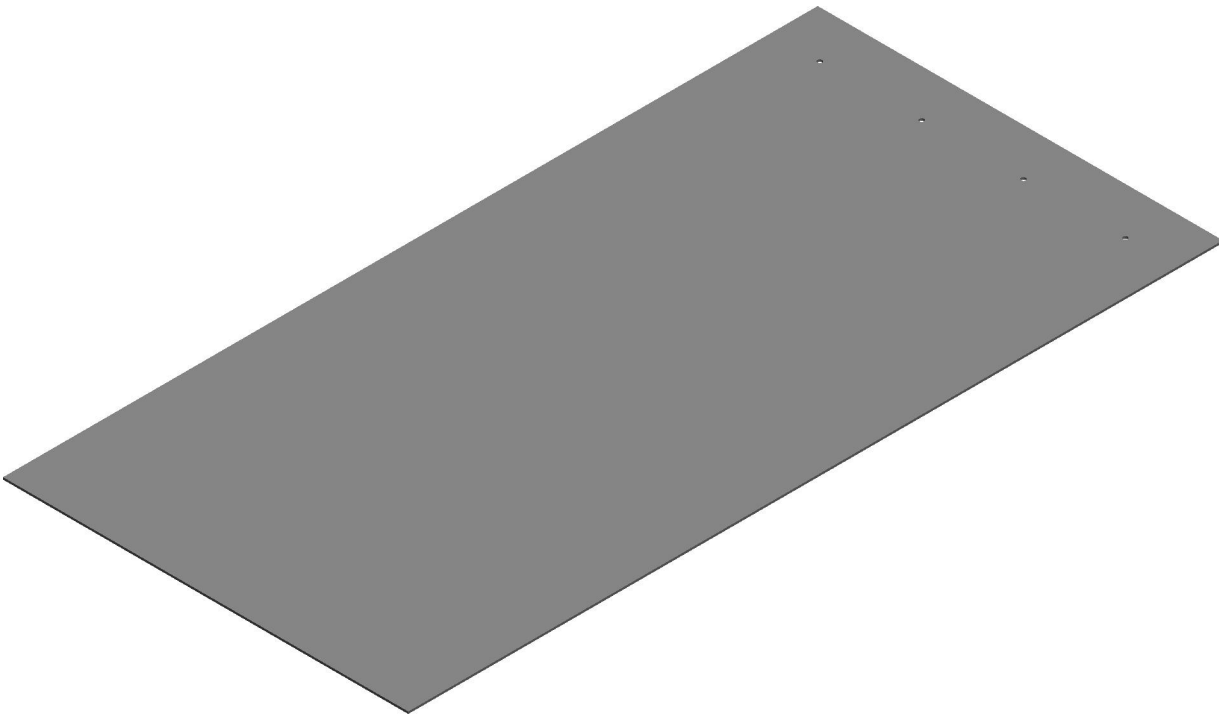
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C


B

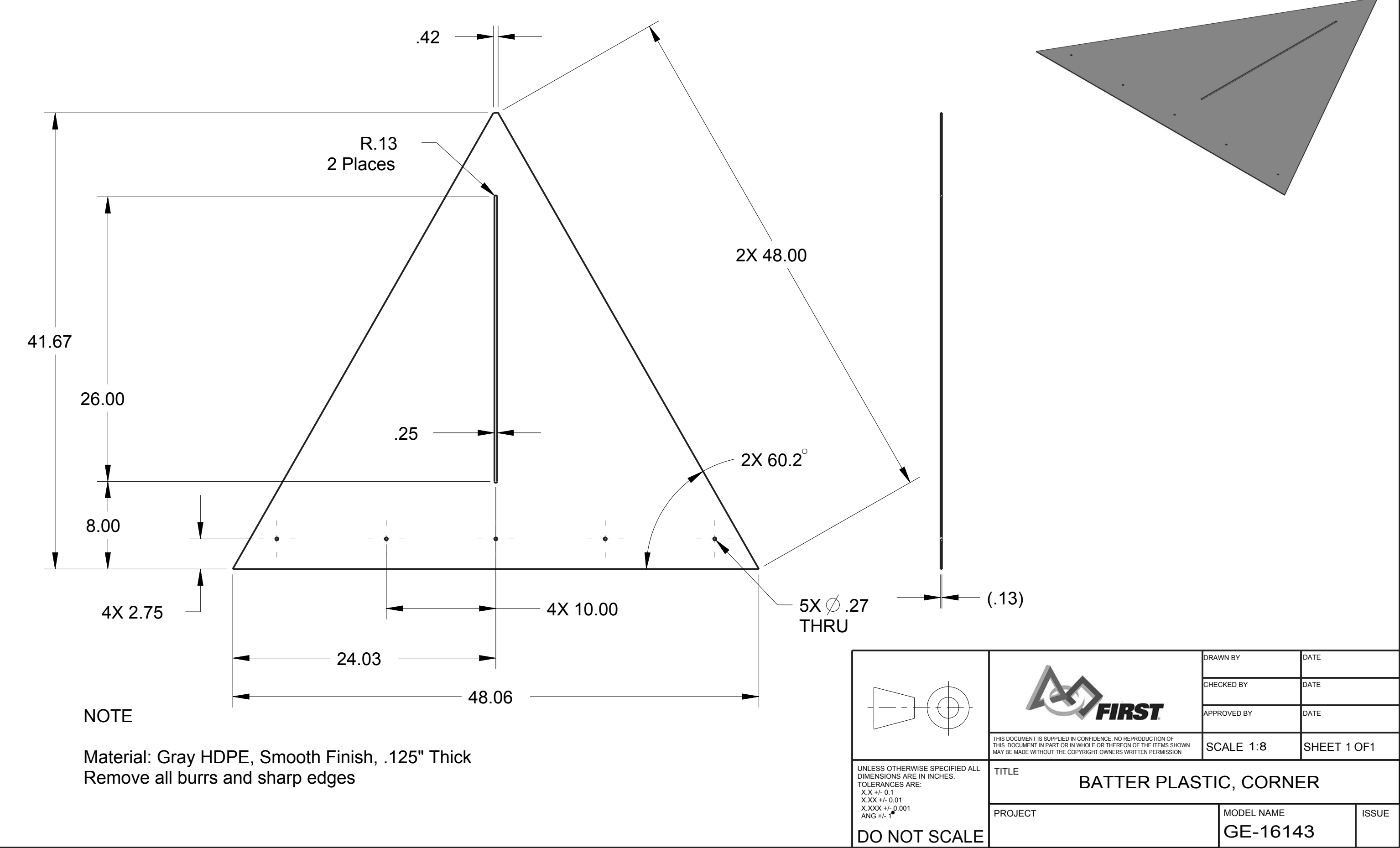
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MODEL NAME	TITLE
GE-16142	BATTER PLASTIC, MIDDLE RAMP



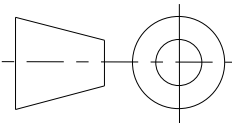

- NOTES:
1. MATERIAL: 1/8" HDPE
 2. COLOR: GRAY
 3. FINISH: SMOOTH
 4. REMOVE ALL BURRS AND SHARP EDGES.

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	SCALE 1:6	SHEET 1 OF 1
<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1</small> DO NOT SCALE	TITLE BATTER PLASTIC, MIDDLE RAMP	
	PROJECT	MODEL NAME GE-16142
		ISSUE

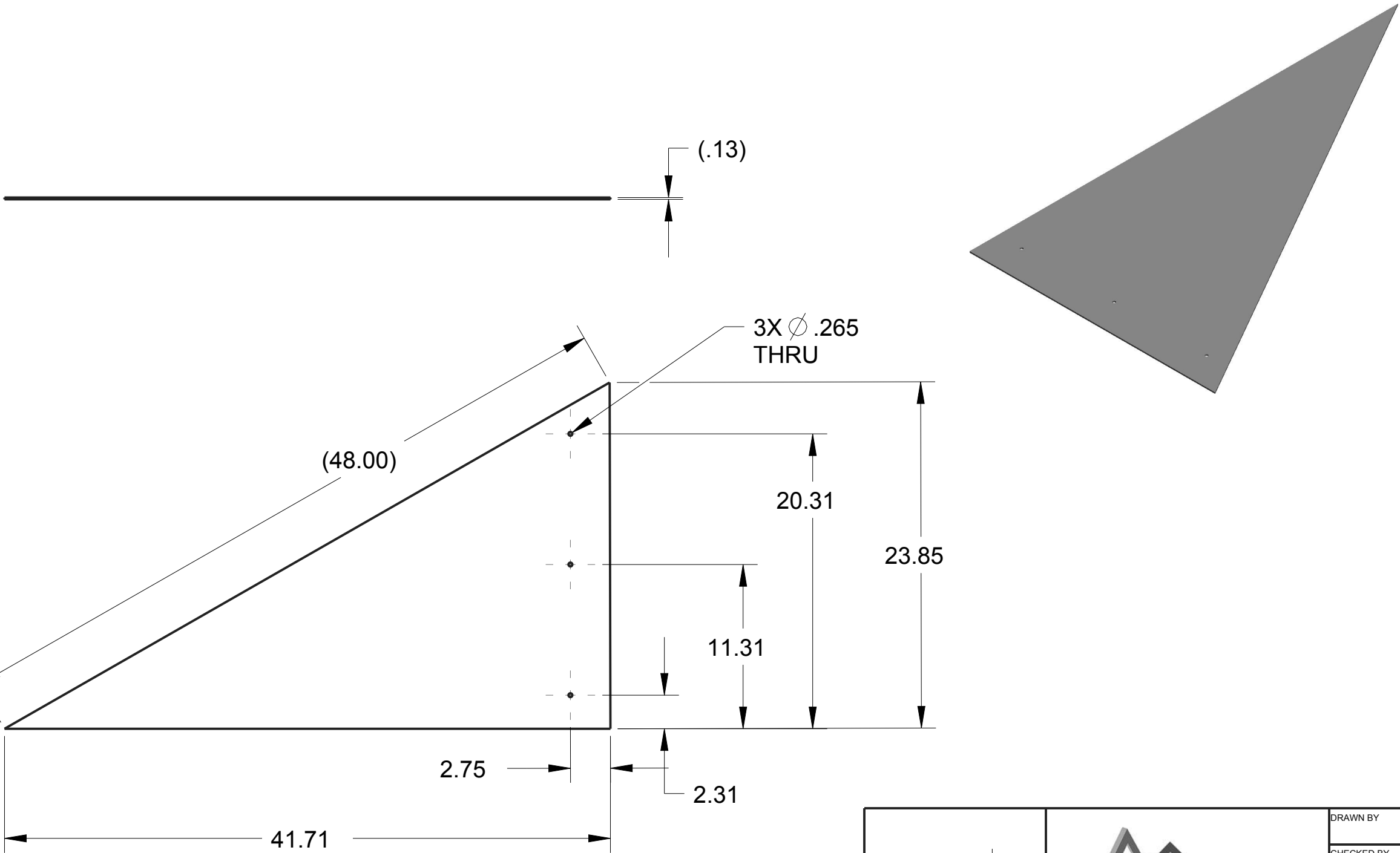


NOTE


Material: Gray HDPE, Smooth Finish, .125" Thick
Remove all burrs and sharp edges

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TITLE BATTER PLASTIC, CORNER			
PROJECT		MODEL NAME GE-16143	ISSUE
DO NOT SCALE			

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




Notes:
1. Material: 1/8" thick HDPE
2. Color: Gray
3. Texture: Smooth

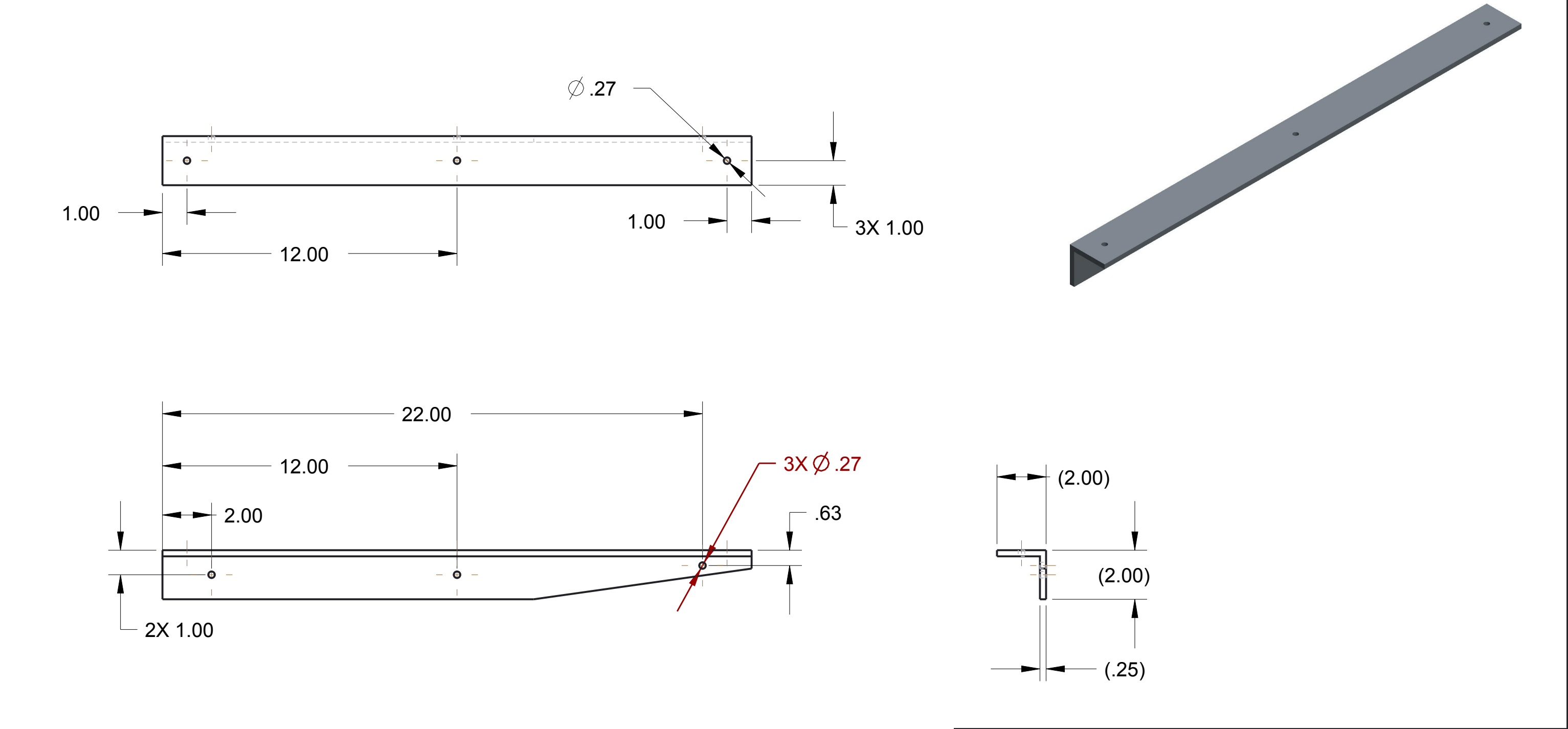


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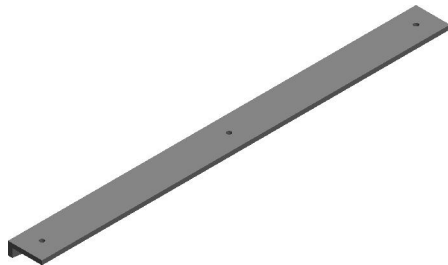
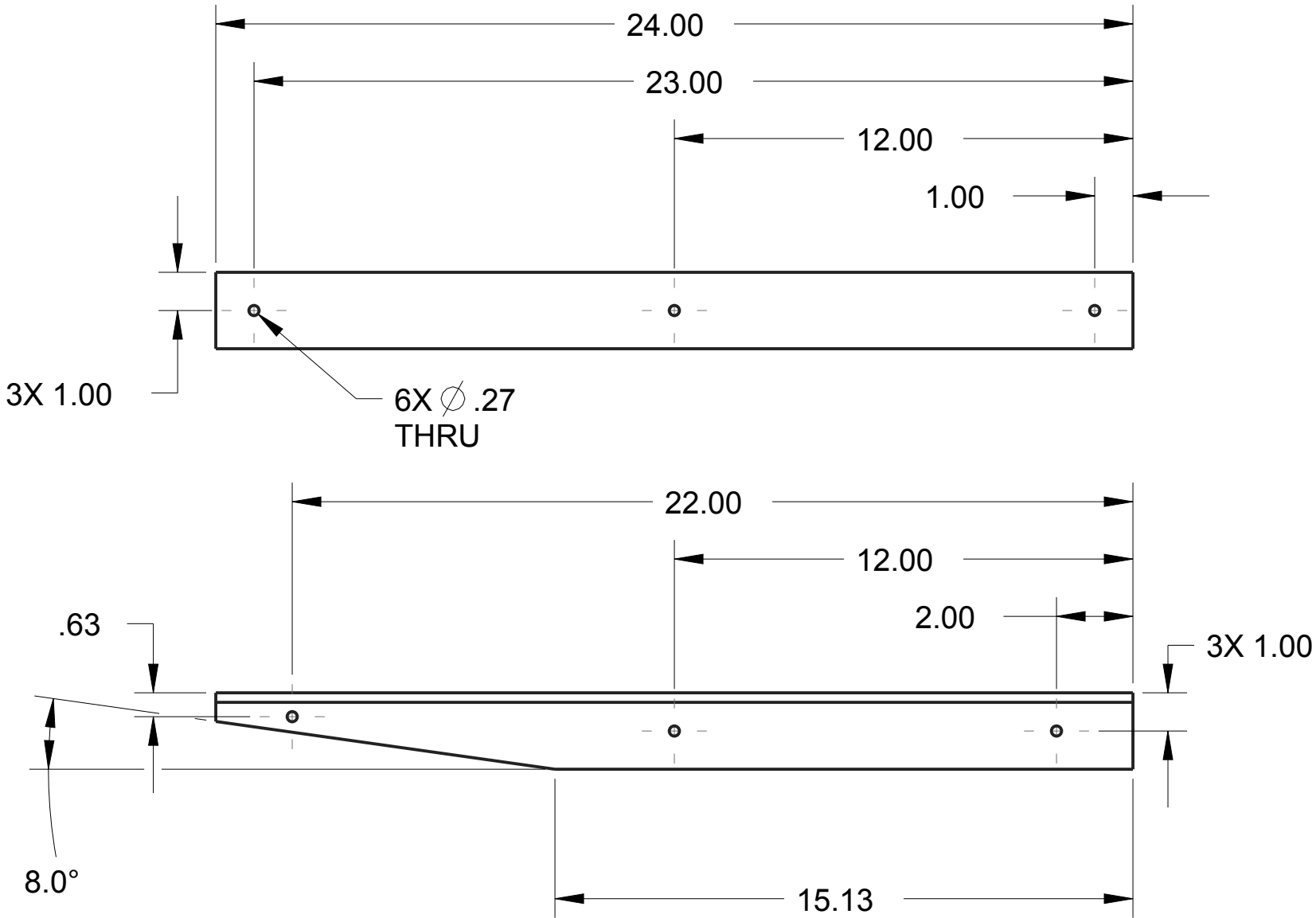
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
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X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

DO NOT SCALE

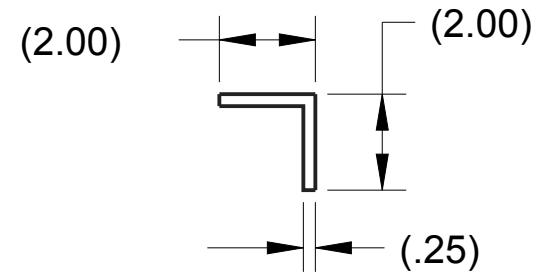
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TITLE Batter Plastic, Half Corner		SHEET 1 OF 1
PROJECT		MODEL NAME GE-16144
		ISSUE



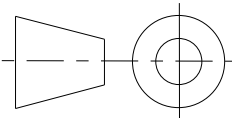

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TITLE DIVIDER BRACE 1		SCALE 1:4	
PROJECT		MODEL NAME GE-16145	ISSUE



SCALE 1:8

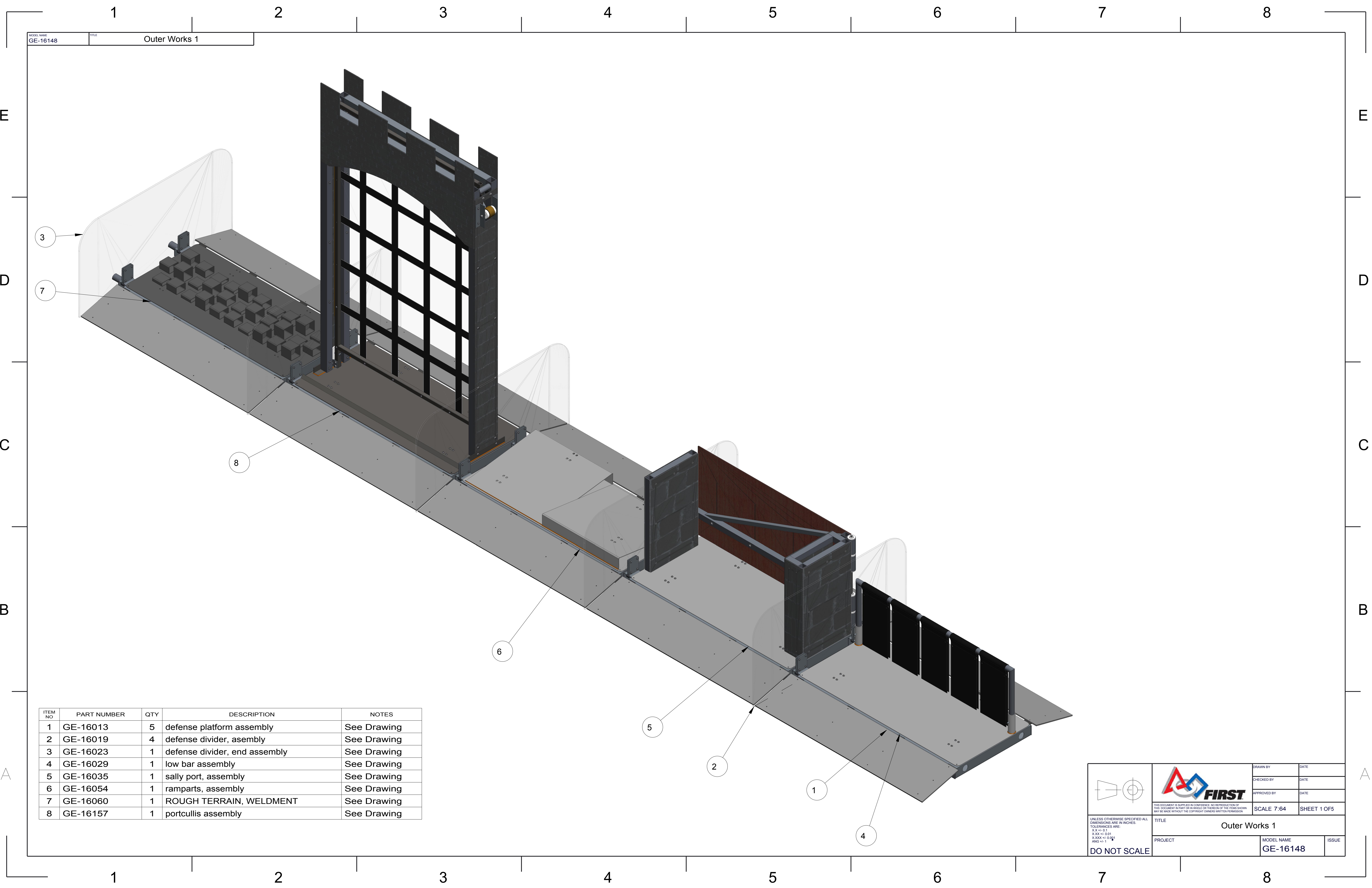


NOTES:
1. MATERIAL: 2" X .25" ANGLE, 6061 ALUMINUM
2. REMOVE ALL BURRS AND SHARP EDGES.

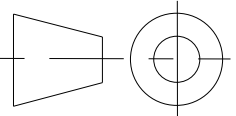
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TITLE <div>DIVIDER BRACE 2</div>			
PROJECT		MODEL NAME <div>GE-16146</div>	ISSUE
DO NOT SCALE			

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X.X +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- .1

DO NOT SCALE




ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16013	5	defense platform assembly	See Drawing
2	GE-16019	4	defense divider, assembly	See Drawing
3	GE-16023	1	defense divider, end assembly	See Drawing
4	GE-16029	1	low bar assembly	See Drawing
5	GE-16035	1	sally port, assembly	See Drawing
6	GE-16054	1	ramparts, assembly	See Drawing
7	GE-16060	1	ROUGH TERRAIN, WELDMENT	See Drawing
8	GE-16157	1	portcullis assembly	See Drawing



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X.XX +/- 0.1
X.XXX +/- 0.01
X.XXXX +/- 0.001
ANG +/- 1

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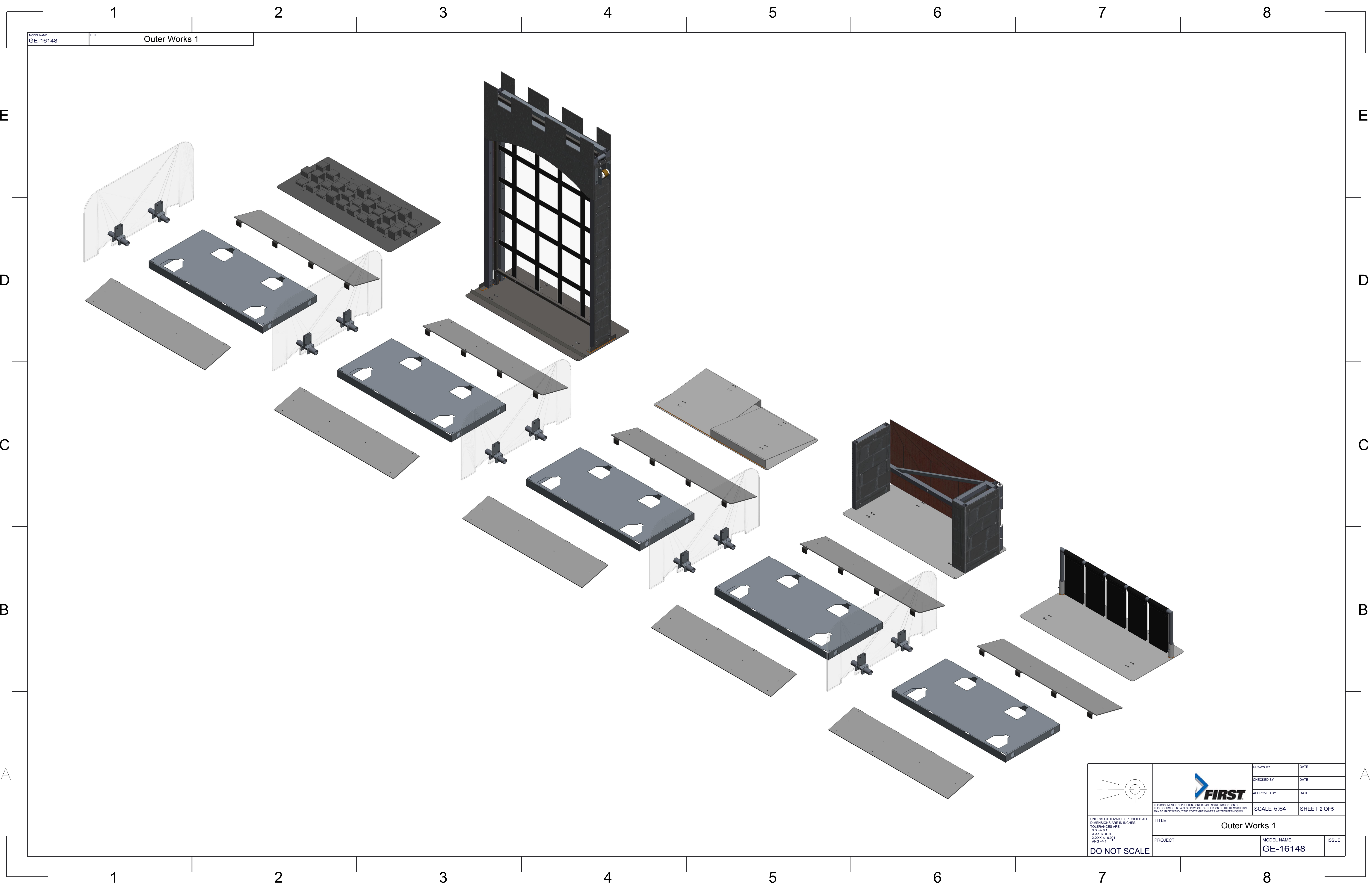
TITLE
Outer Works 1

PROJECT

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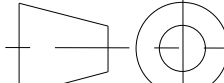

SCALE 7:64 SHEET 1 OF 5

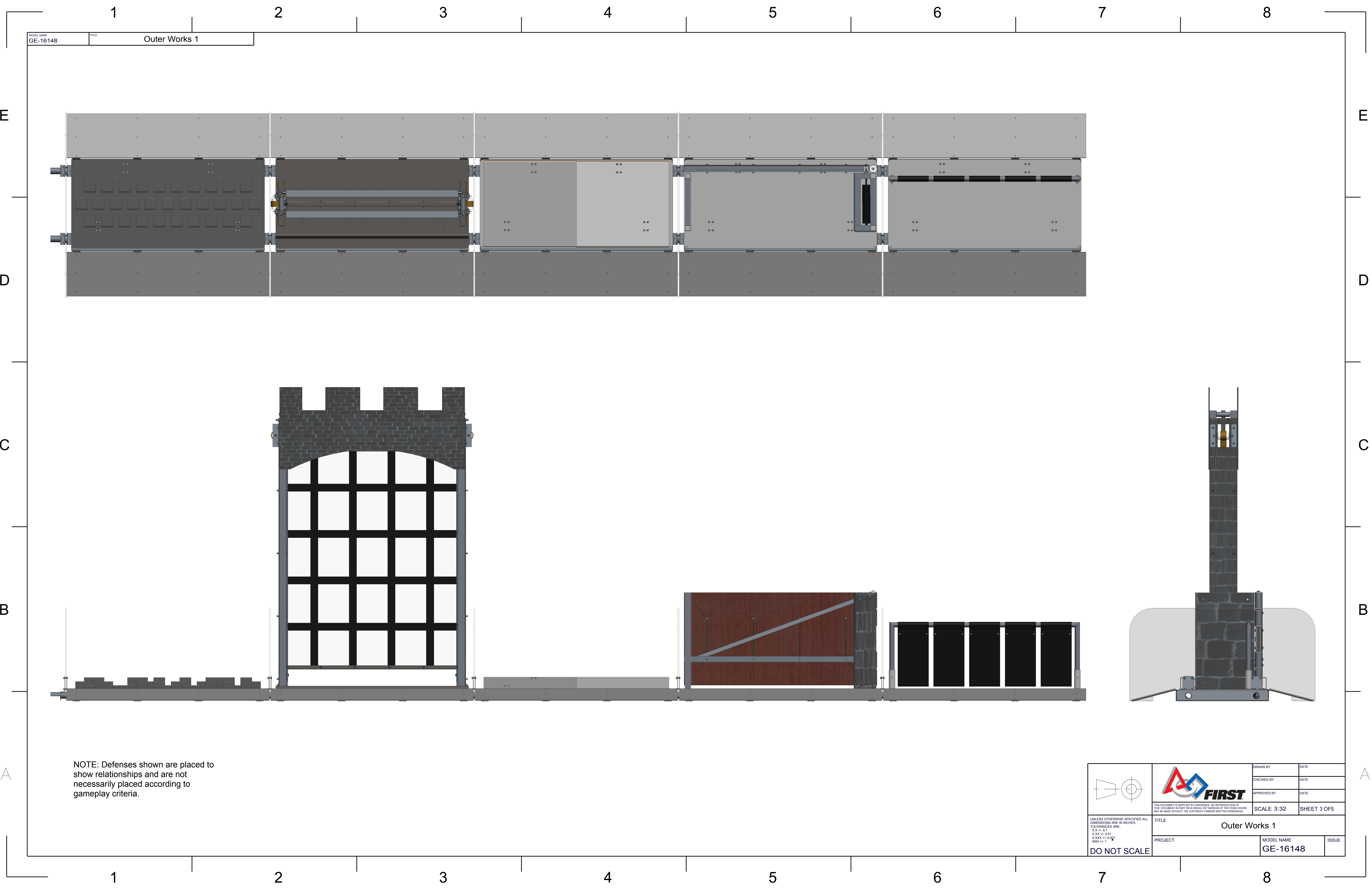
MODEL NAME	ISSUE
GE-16148	




MODEL NAME
GE-16148

TITLE
Outer Works 1

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		APPROVED BY	DATE	
		SCALE 5:64		SHEET 2 OF 5
		TITLE Outer Works 1		
PROJECT		MODEL NAME GE-16148	ISSUE	



NOTE: Defenses shown are placed to show relationships and are not necessarily placed according to gameplay criteria.

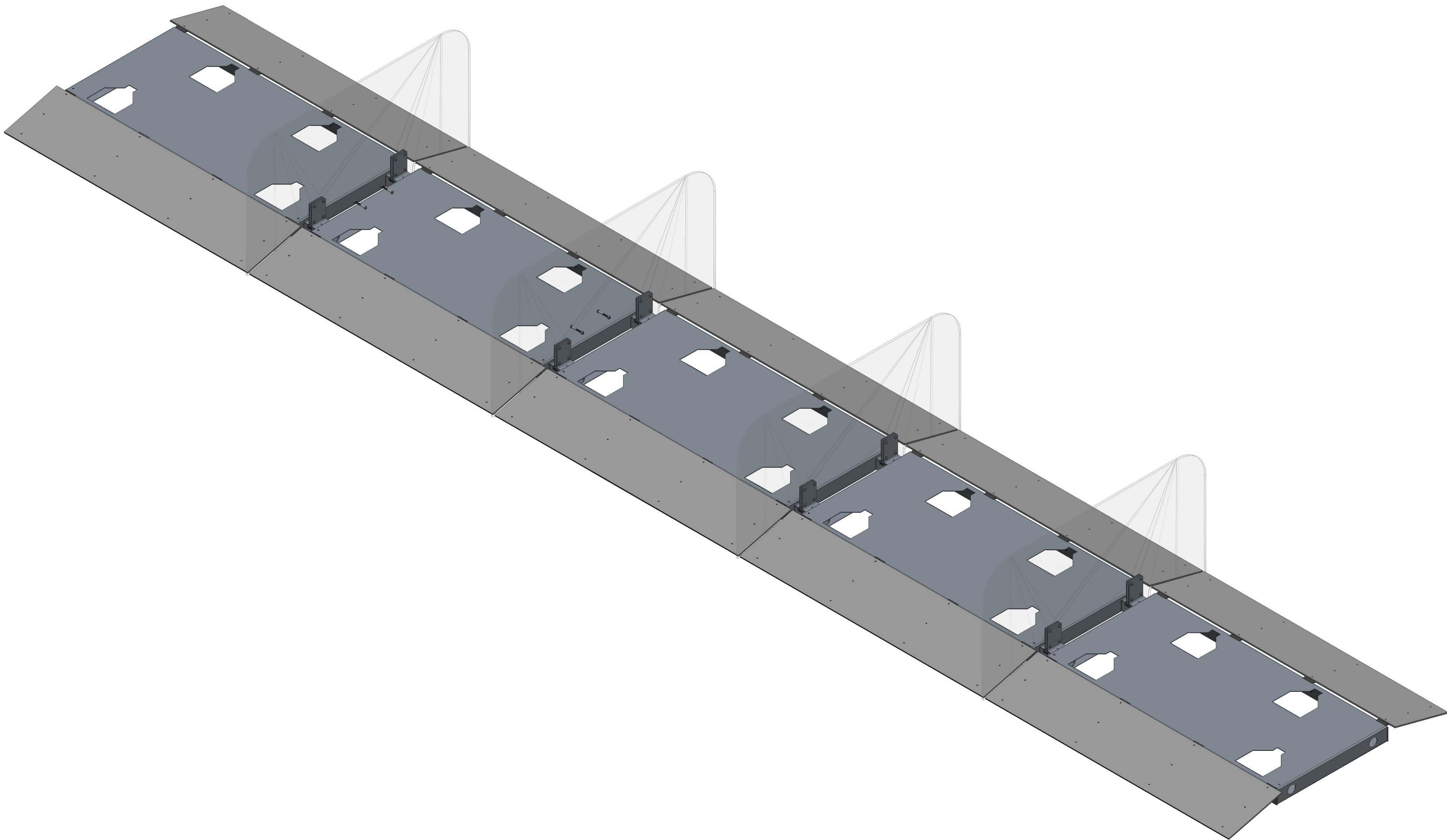
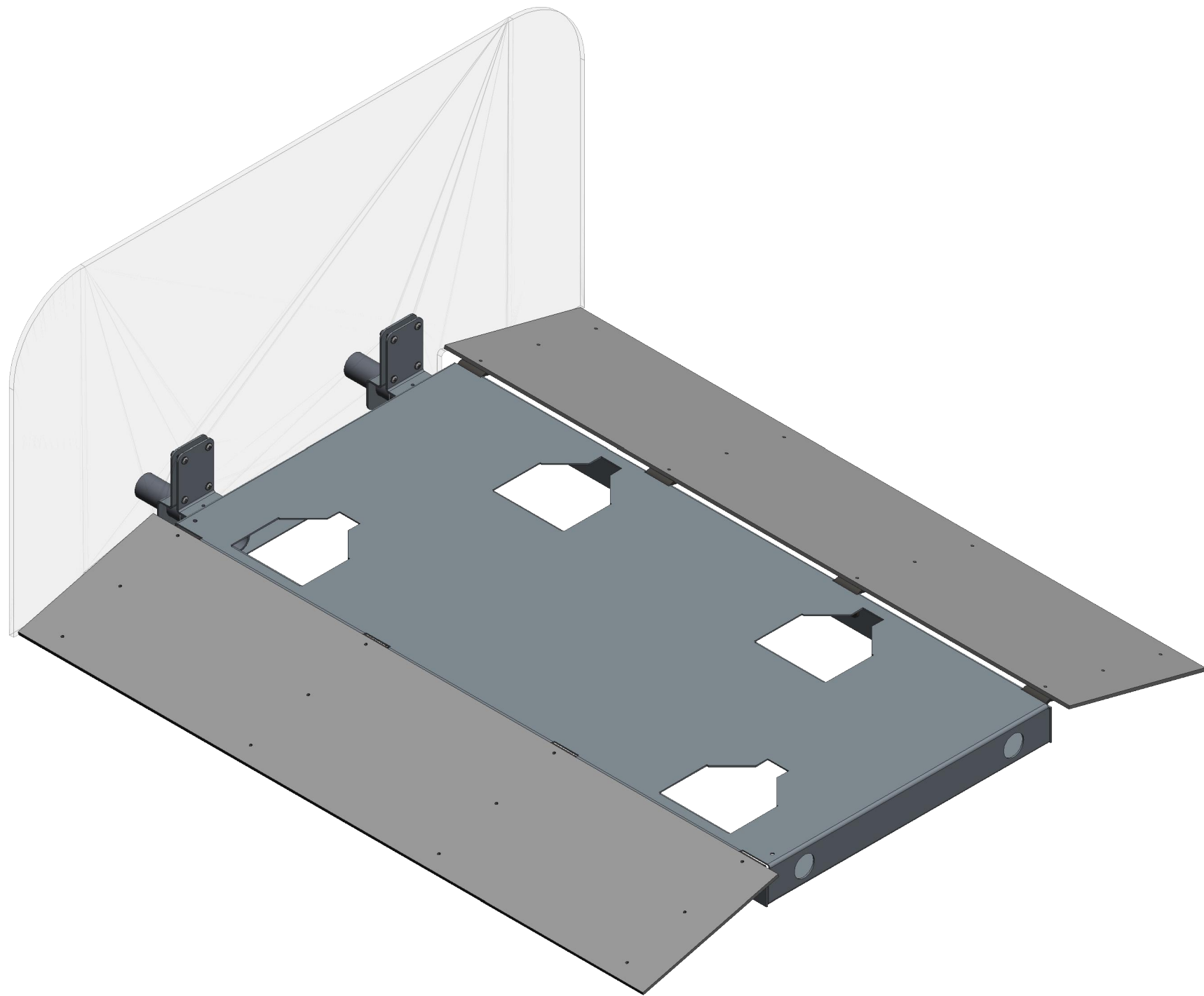
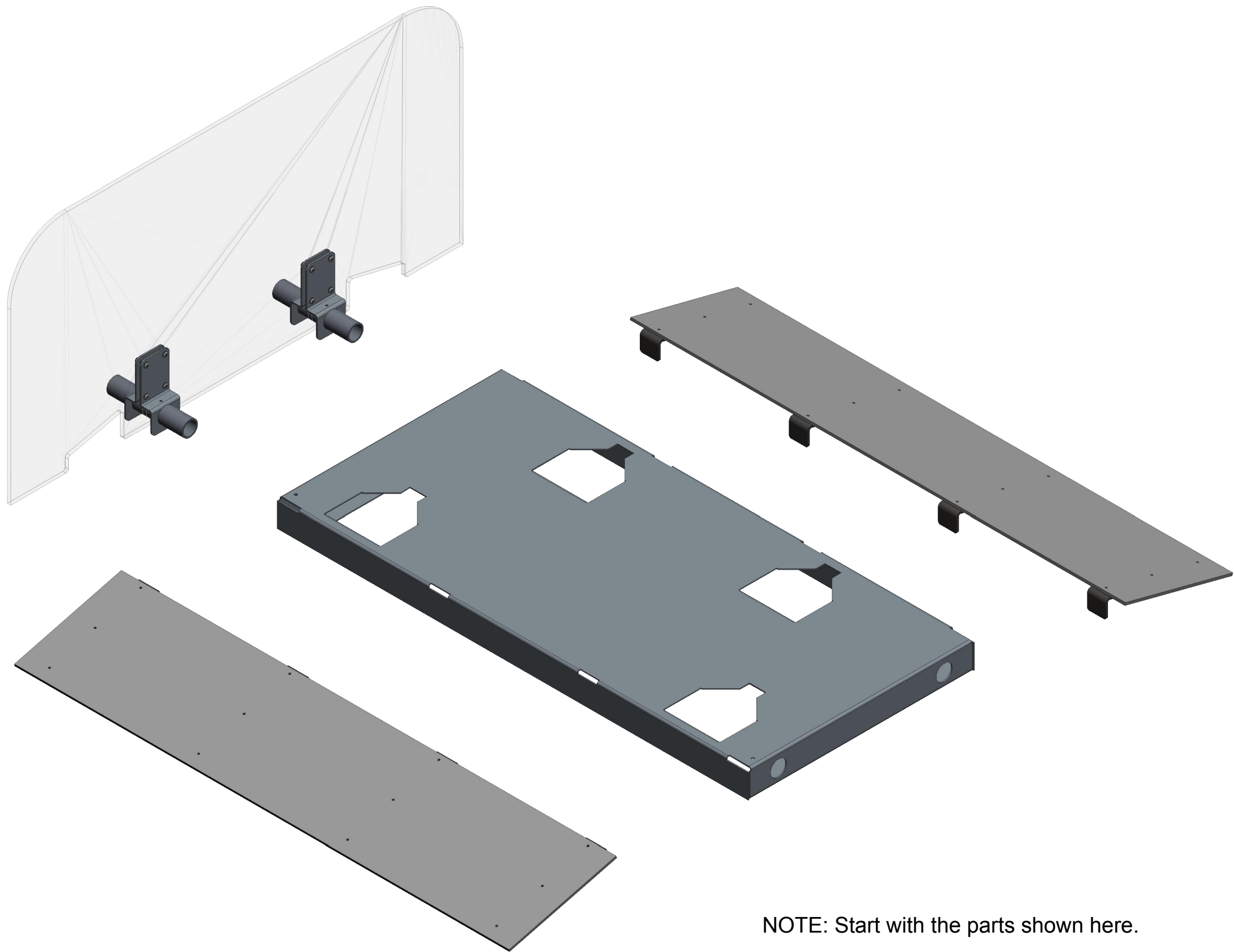


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X.XXX +/- 0.01
ANG +/- 1

DO NOT SCALE

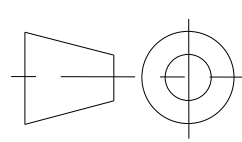

TITLE Outer Works 1	
PROJECT	MODEL NAME GE-16148
ISSUE	

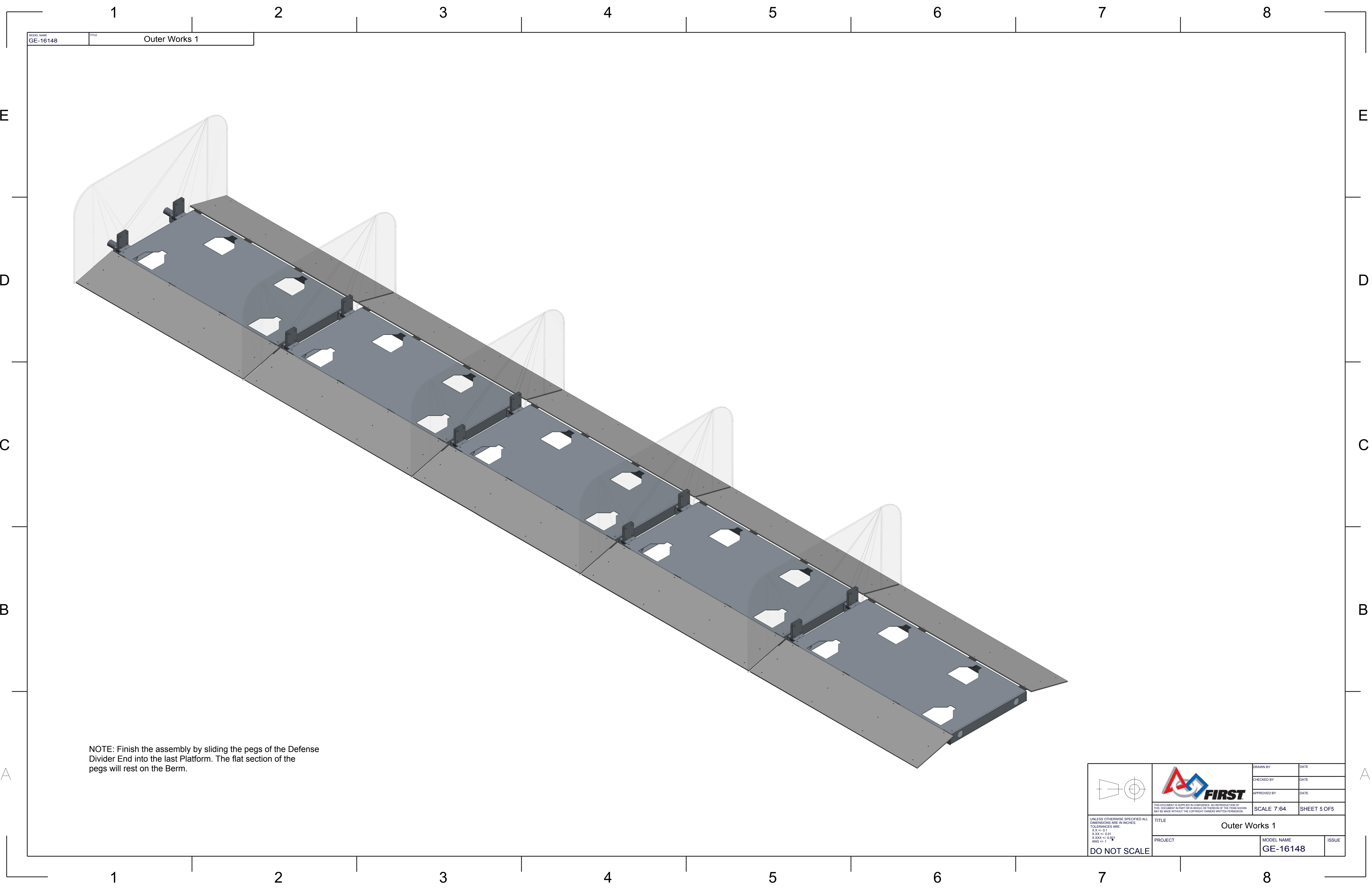
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APPROVED BY	DATE
SCALE 3:32	SHEET 3 OF 5



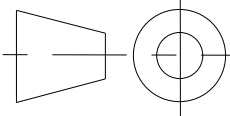

NOTE: Slide the ramps into the receiver slots on the sides of the Platform. Then slide the pegs of the Defense Divider into the receiver holes in the Defense Platform.

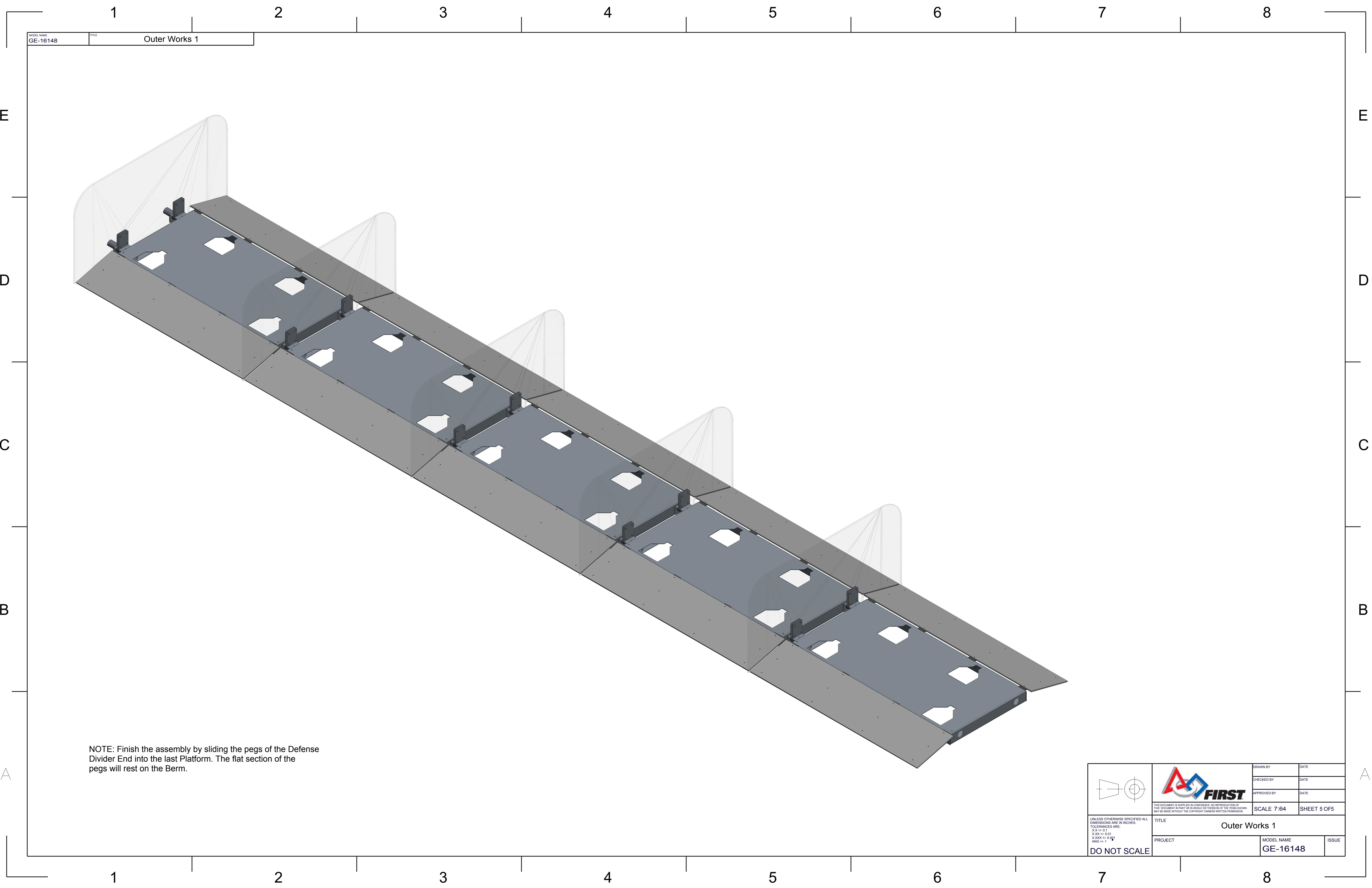
NOTE: Repeat the last step until the assembly looks like this.

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PROJECT		MODEL NAME GE-16148	ISSUE
DO NOT SCALE		SCALE 7:64 SHEET 4 OF 5	

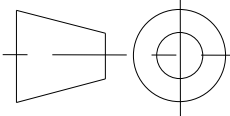



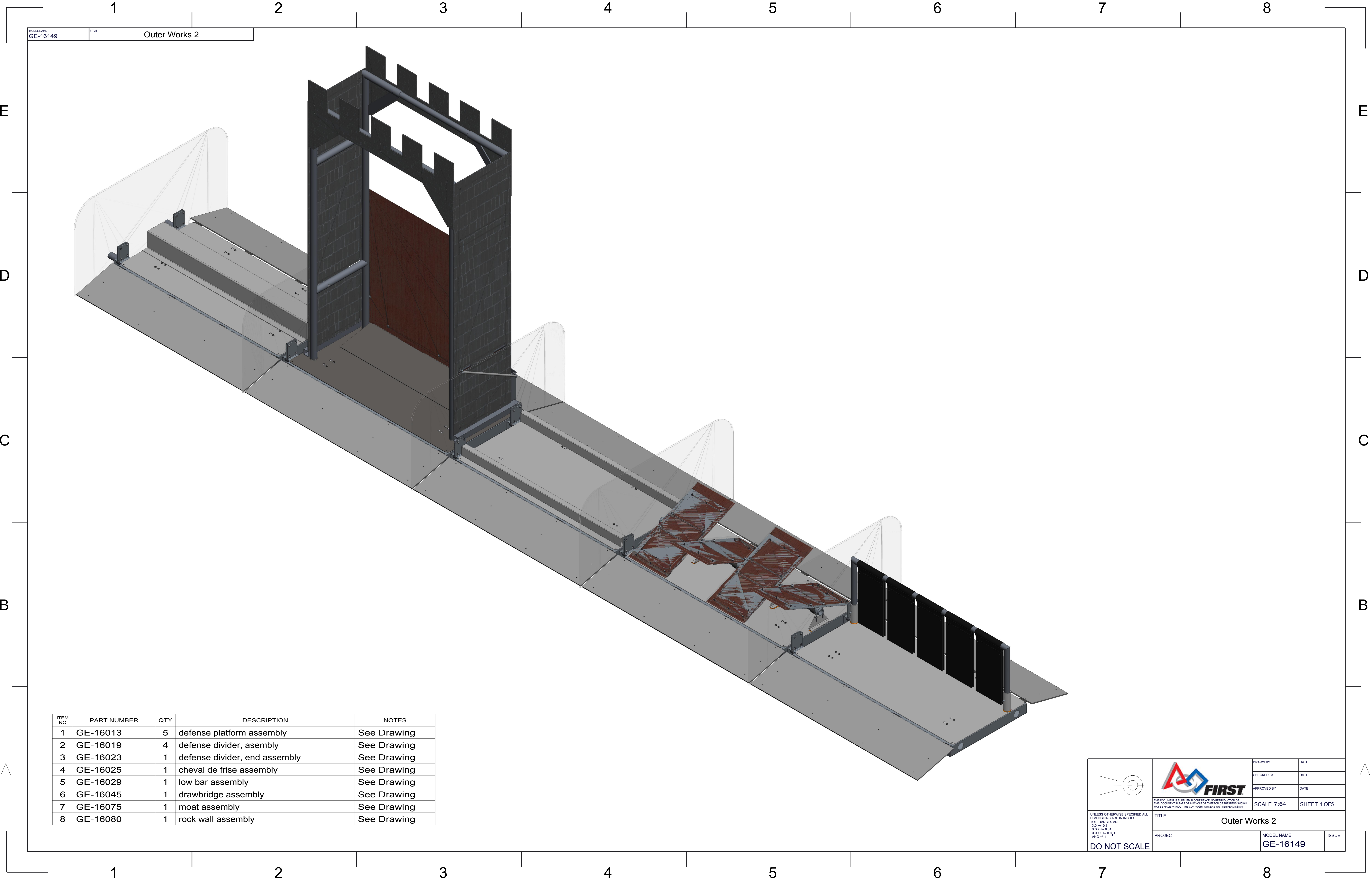
NOTE: Finish the assembly by sliding the pegs of the Defense Divider End into the last Platform. The flat section of the pegs will rest on the Berm.

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		APPROVED BY	DATE
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TITLE		Outer Works 1	
PROJECT		MODEL NAME	ISSUE
DO NOT SCALE		GE-16148	

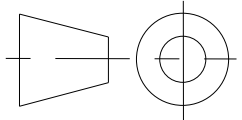


NOTE: Finish the assembly by sliding the pegs of the Defense Divider End into the last Platform. The flat section of the pegs will rest on the Berm.

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TITLE		SCALE 7:64	SHEET 5 OF 5
PROJECT		MODEL NAME	ISSUE
DO NOT SCALE		GE-16148	




ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16013	5	defense platform assembly	See Drawing
2	GE-16019	4	defense divider, assembly	See Drawing
3	GE-16023	1	defense divider, end assembly	See Drawing
4	GE-16025	1	cheval de frise assembly	See Drawing
5	GE-16029	1	low bar assembly	See Drawing
6	GE-16045	1	drawbridge assembly	See Drawing
7	GE-16075	1	moat assembly	See Drawing
8	GE-16080	1	rock wall assembly	See Drawing



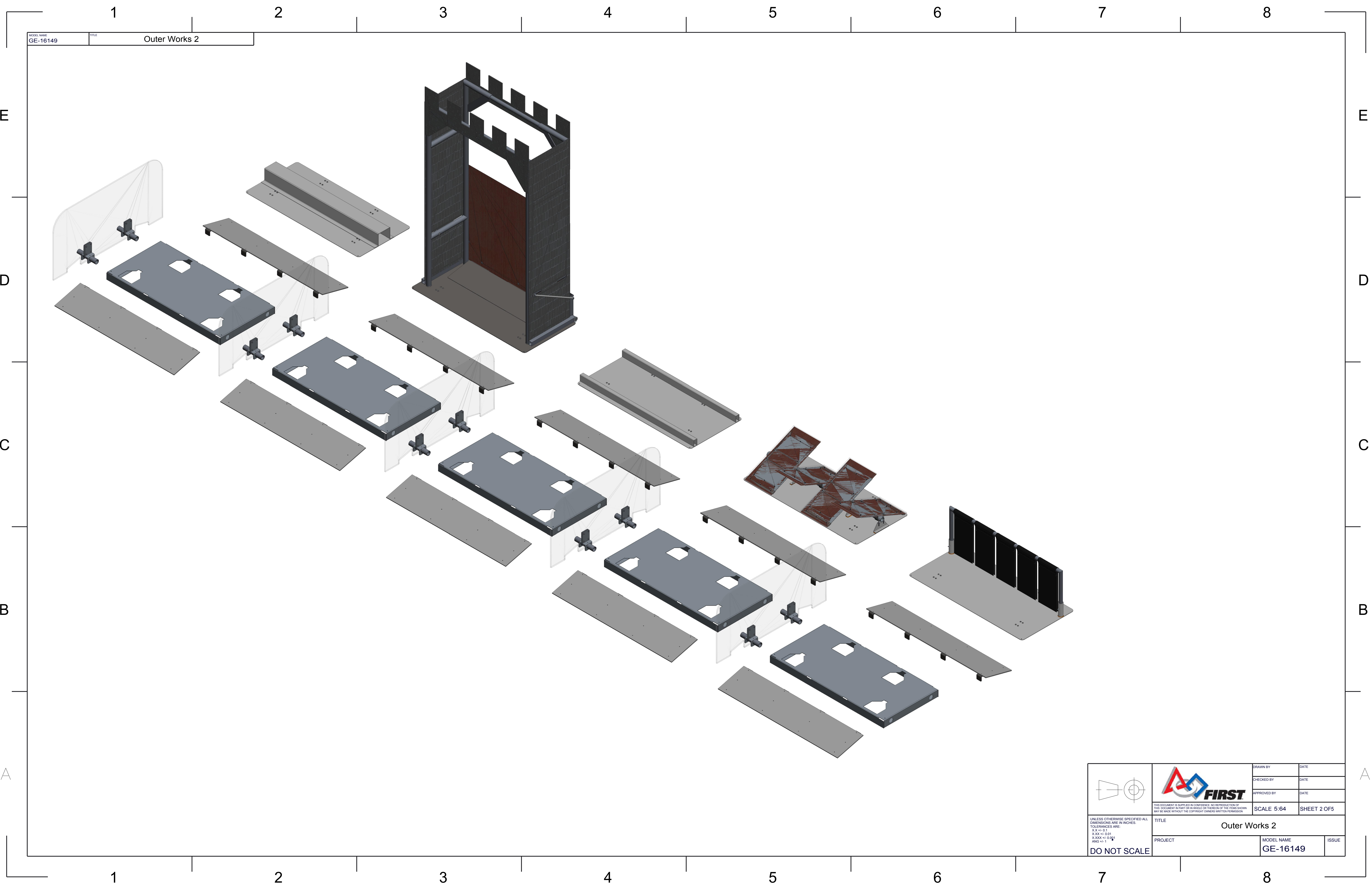
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X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1

DO NOT SCALE



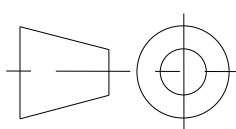

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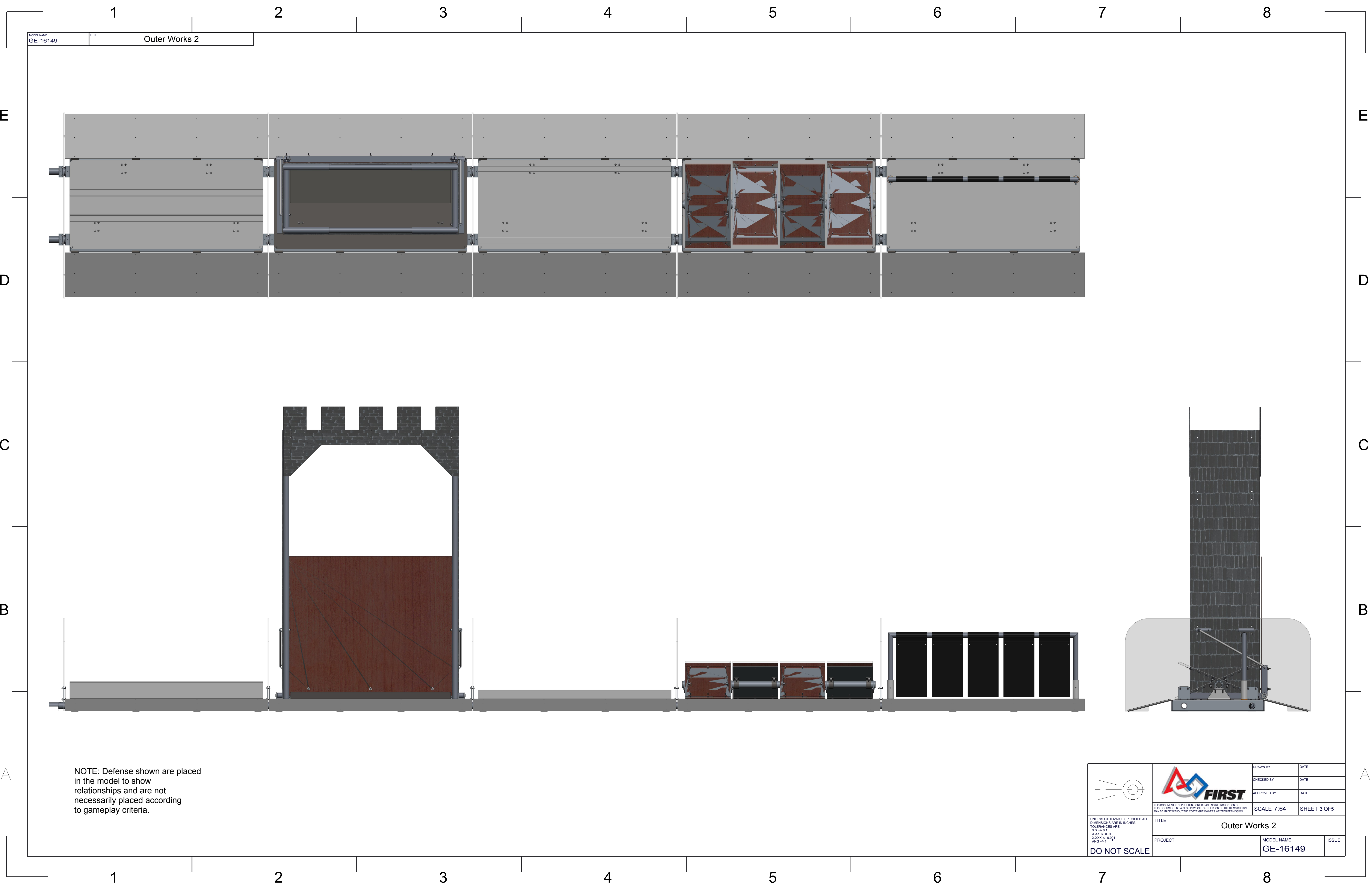
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APPROVED BY	DATE
SCALE 7:64 SHEET 1 OF 5	
TITLE Outer Works 2	
PROJECT	MODEL NAME GE-16149
ISSUE	



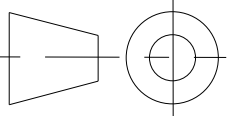
MODEL NAME
GE-16149

TITLE
Outer Works 2

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. X.XX +/- 0.1 X.XXX +/- 0.01 ANG +/- 1		TITLE Outer Works 2	
DO NOT SCALE		PROJECT	ISSUE
		MODEL NAME GE-16149	




NOTE: Defense shown are placed in the model to show relationships and are not necessarily placed according to gameplay criteria.



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

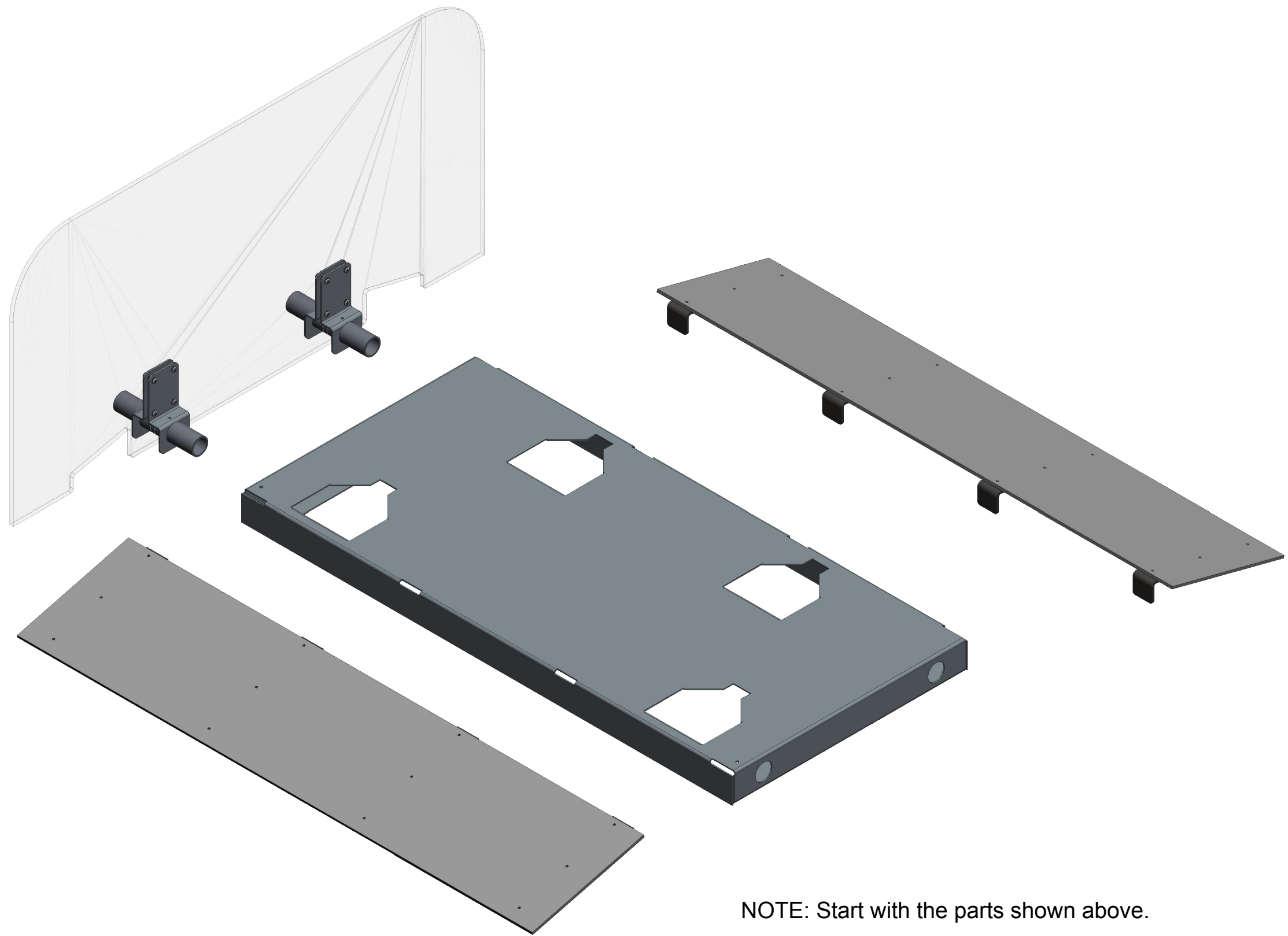
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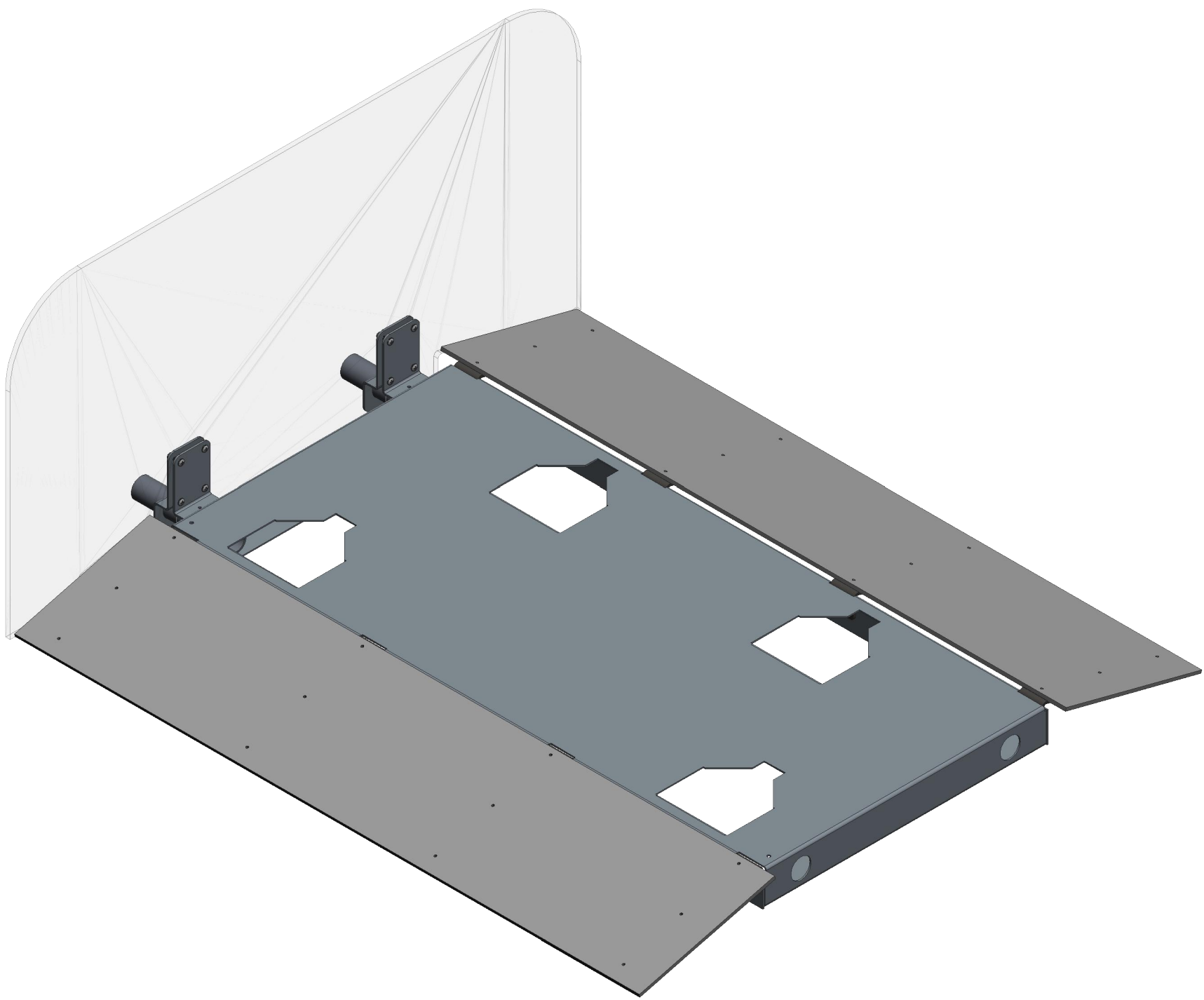
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TITLE	
Outer Works 2	
PROJECT	MODEL NAME
	GE-16149
ISSUE	

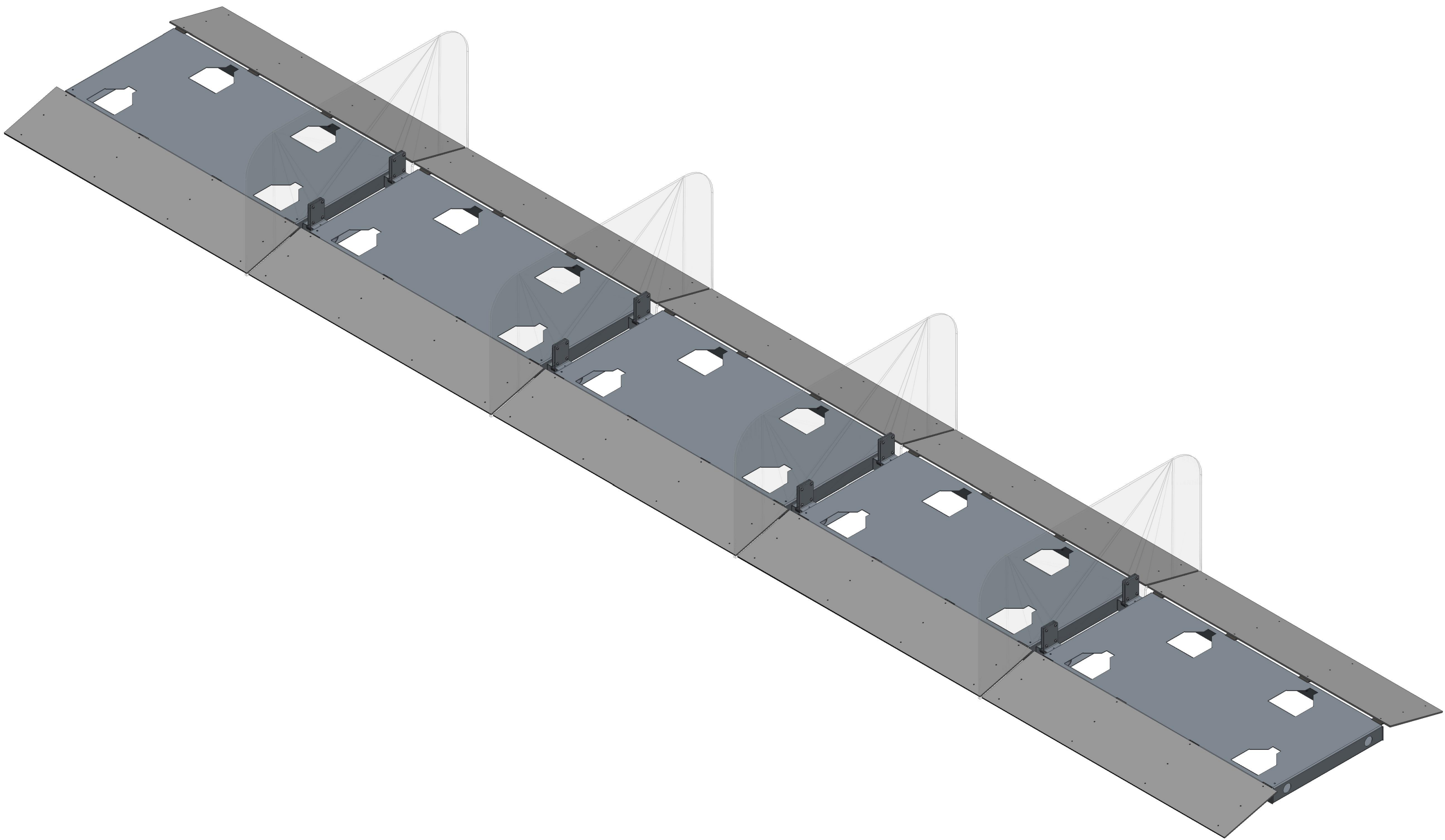
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APPROVED BY	DATE
SCALE 7:64	SHEET 3 OF 5




NOTE: Start with the parts shown above.



Slide the ramps into the receiver slots on the sides of teh Platform. Then slide the pegs of the Defense Divider into the receiver holes in the Defense Platform.



NOTE: Repeat the last step until the assembly looks like this.

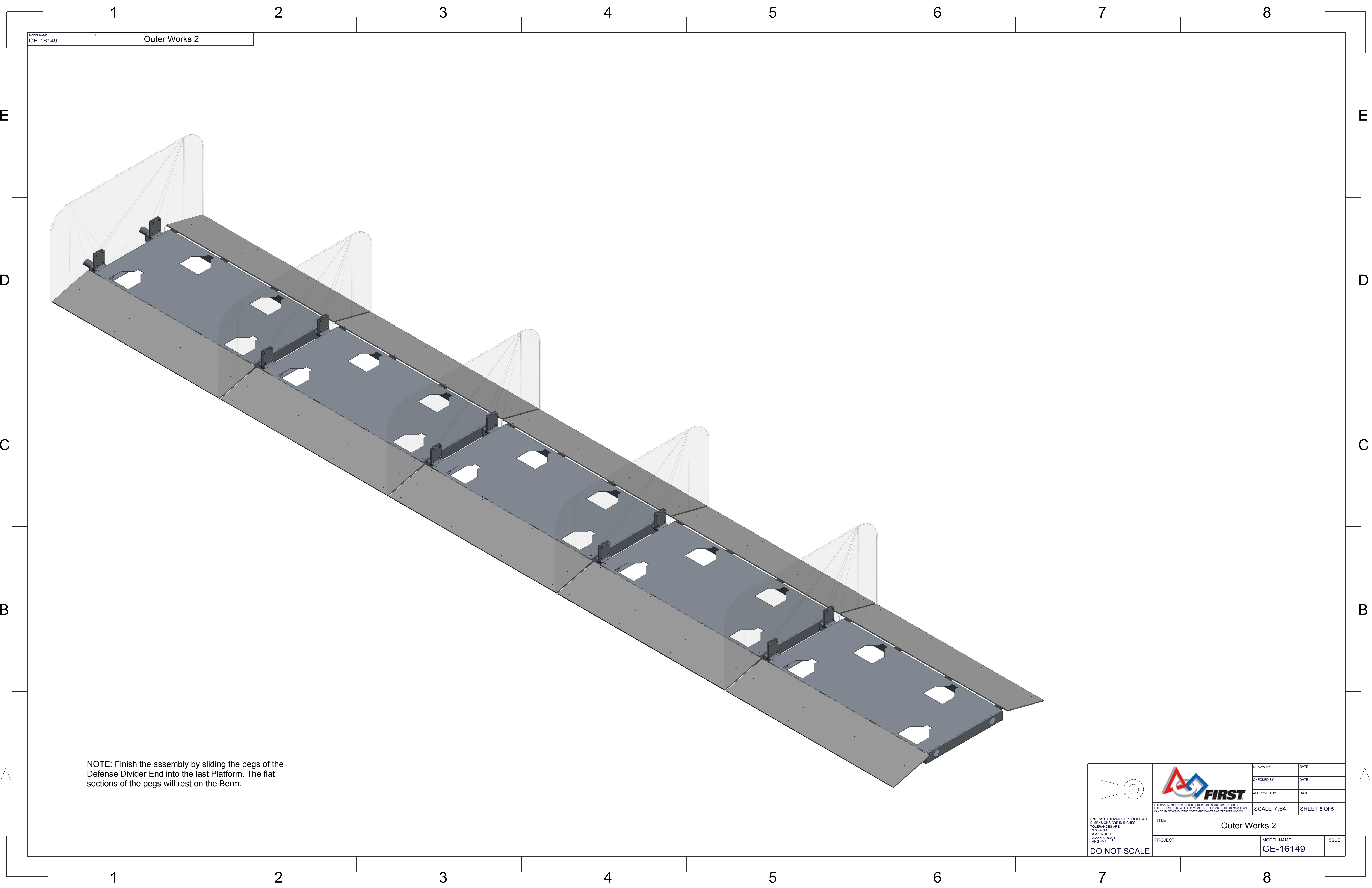


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APPROVED BY	DATE
SCALE 1:8	
SHEET 4 OF 5	

TITLE Outer Works 2		
PROJECT	MODEL NAME GE-16149	ISSUE

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DO NOT SCALE

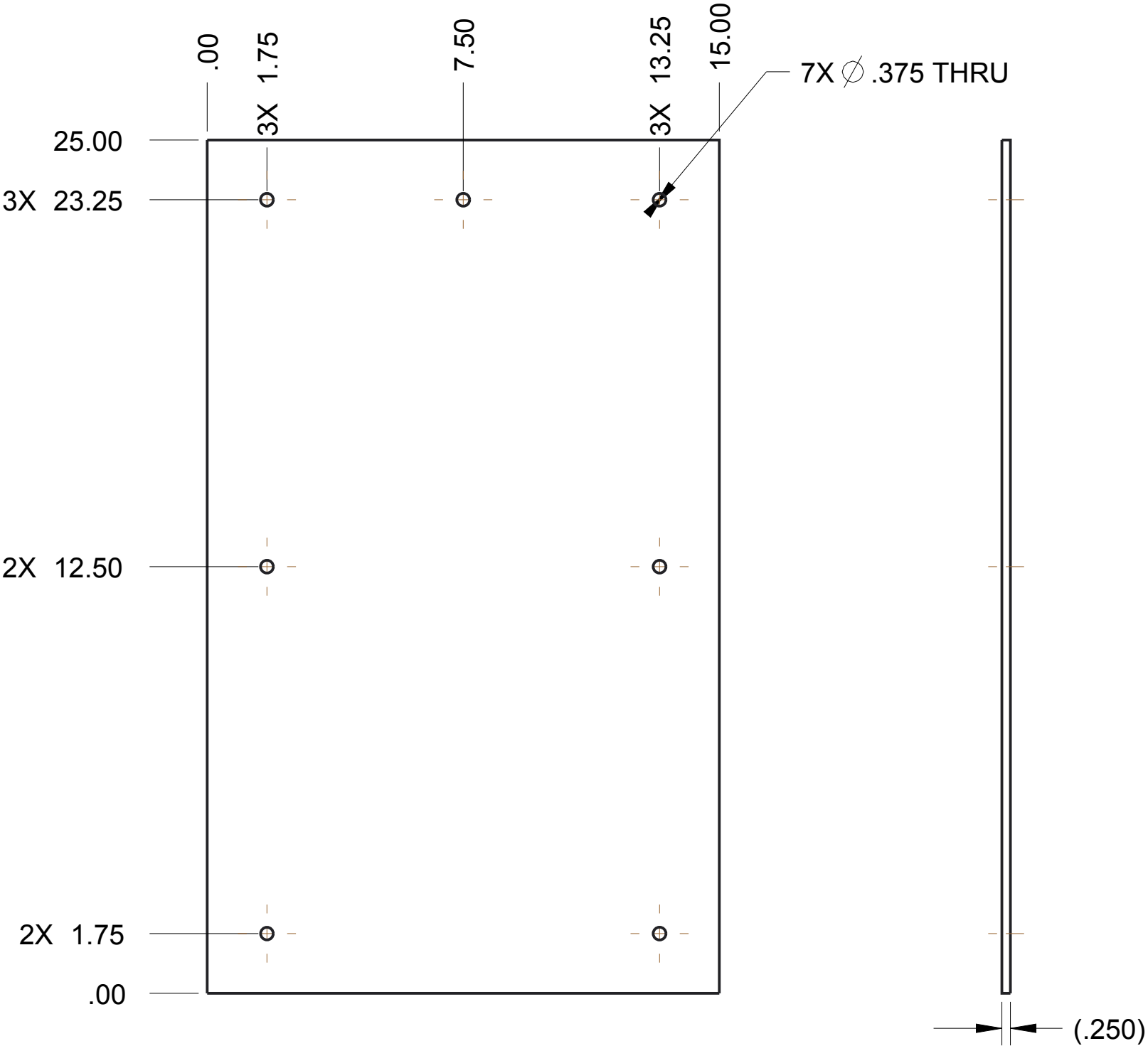


MODEL NAME
GE-16149

TITLE
Outer Works 2

NOTE: Finish the assembly by sliding the pegs of the Defense Divider End into the last Platform. The flat sections of the pegs will rest on the Berm.


 <div>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1</div> <div>DO NOT SCALE</div>	 <div>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</div>	DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 7:64	SHEET 5 OF 5
TITLE Outer Works 2			
PROJECT		MODEL NAME GE-16149	ISSUE



NOTE

Material: Clear Polycarbonate, .25" Thick
Scale: 1:4

Print one side, Block Pattern

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°	TITLE SIDE PLASTIC, SALLY PORT		
	PROJECT	MODEL NAME GE-16152	ISSUE
	DO NOT SCALE		

MODEL NAME
GE-16153

TITLE

OWD SIDE POLY, BENT



2X \varnothing .38 Thru

4X \varnothing .38 Thru

2X 23.25

2X 25.00
23.25

12.50

1.75
.00

.00

14.75

15.25

1.75
.00

4.00
1.75
.00




Note:

Material: Clear Polycarbonate,
.25 " Thick

Scale 1:8

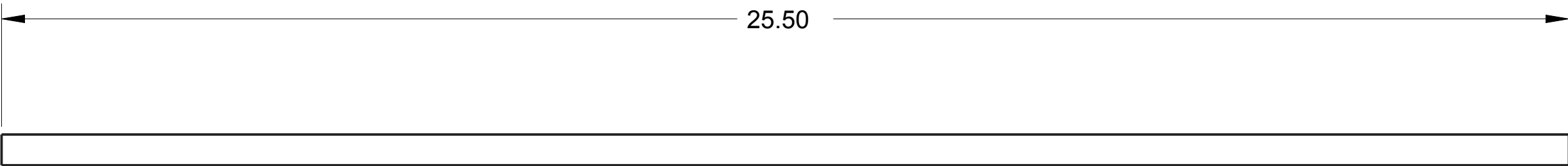
Qty: 1

Print to look like stone

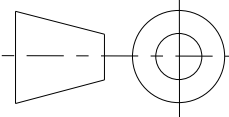
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	SCALE1:8	SHEET 1 OF 1
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TITLE OWD SIDE POLY, BENT		
PROJECT		MODEL NAME GE-16153
DO NOT SCALE		ISSUE

MODEL NAME
GE-16154

TITLE
HINGE PIN




NOTES:
1. MATERIAL: .5" DIAMETER 1018 STEEL ROD
2. REMOVE ALL BURRS AND SHARP EDGES.



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X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

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TITLE
HINGE PIN

PROJECT
MODEL NAME
GE-16154

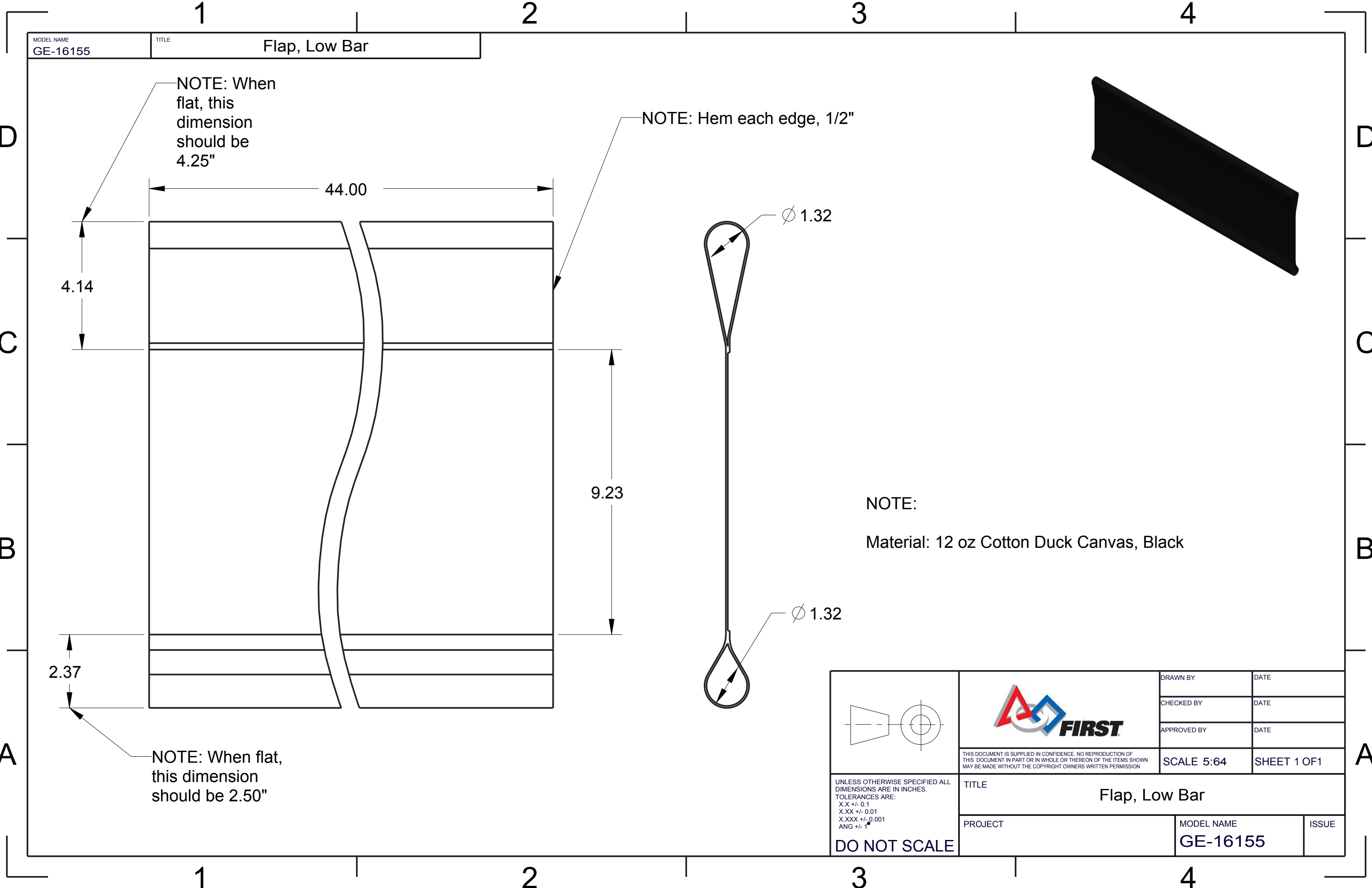
ISSUE

DRAWN BY
CHECKED BY
APPROVED BY

DATE
DATE
DATE

SCALE 1:2

SHEET 1 OF1


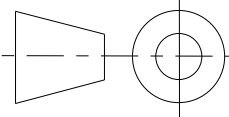


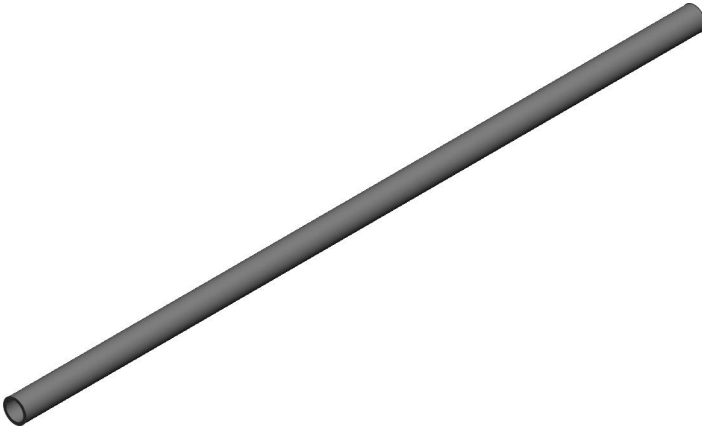
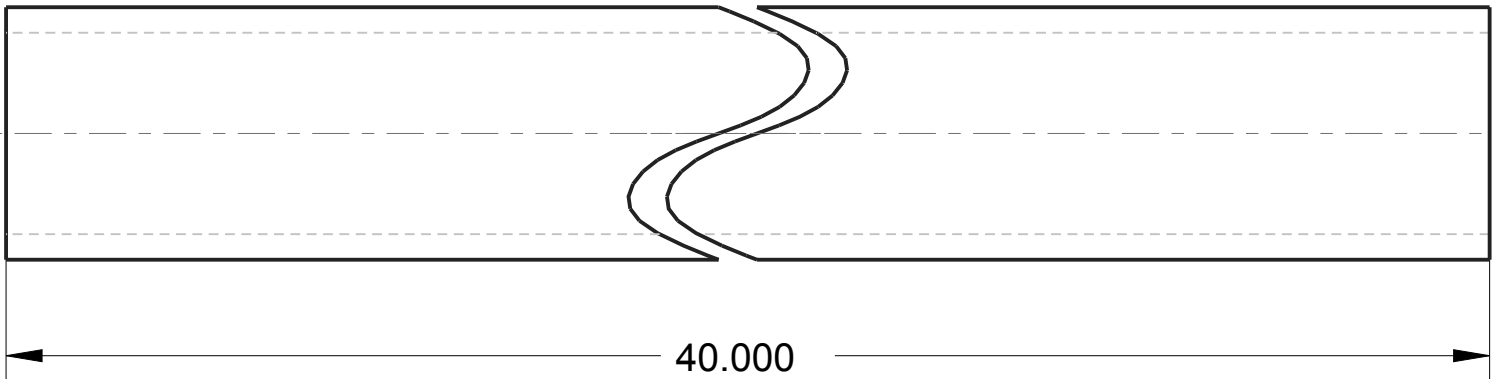
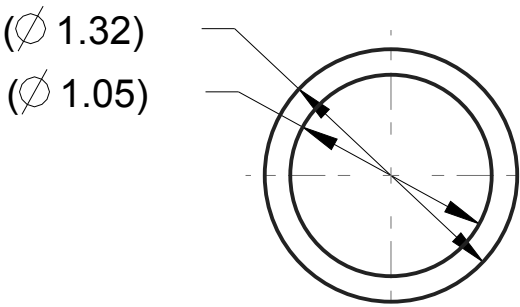
NOTE: When flat, this dimension should be 4.25"

NOTE: Hem each edge, 1/2"

NOTE: When flat, this dimension should be 2.50"

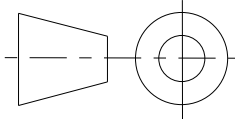
NOTE:
Material: 12 oz Cotton Duck Canvas, Black

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	TITLE Flap, Low Bar	
	PROJECT	MODEL NAME GE-16155
		ISSUE



NOTE

Material: 1" Schedule 40 Aluminum Pipe
Scale: 1:1



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DIMENSIONS ARE IN INCHES.
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X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

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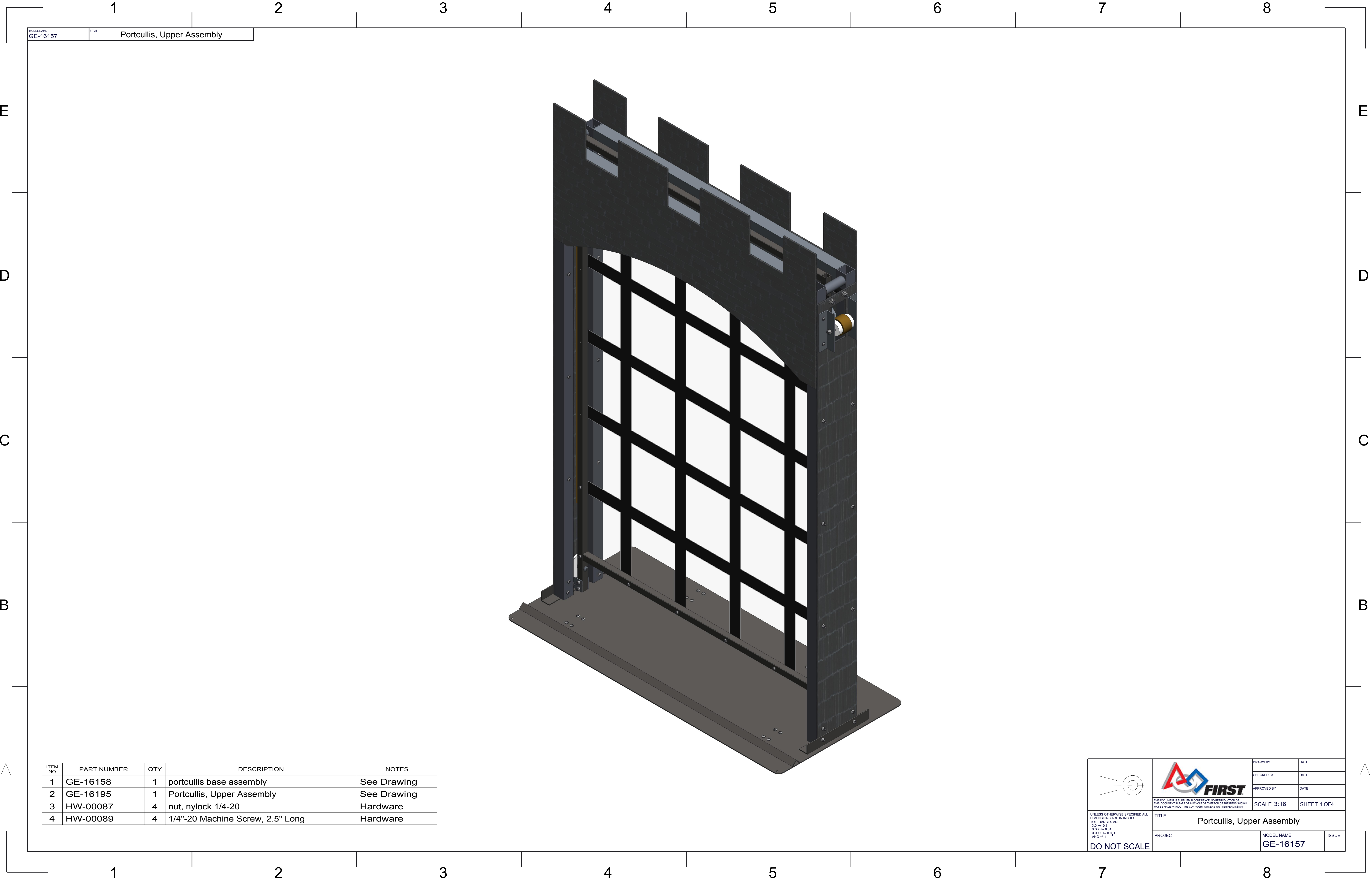
TITLE
LB Weight

PROJECT

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APPROVED BY	DATE
SCALE 1:1	SHEET 1 OF 1

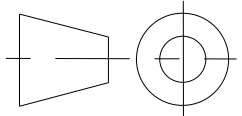
MODEL NAME
GE-16156


ISSUE



MODEL NAME	TITLE
GE-16157	Portcullis, Upper Assembly

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16158	1	portcullis base assembly	See Drawing
2	GE-16195	1	Portcullis, Upper Assembly	See Drawing
3	HW-00087	4	nut, nylock 1/4-20	Hardware
4	HW-00089	4	1/4"-20 Machine Screw, 2.5" Long	Hardware





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APPROVED BY	DATE

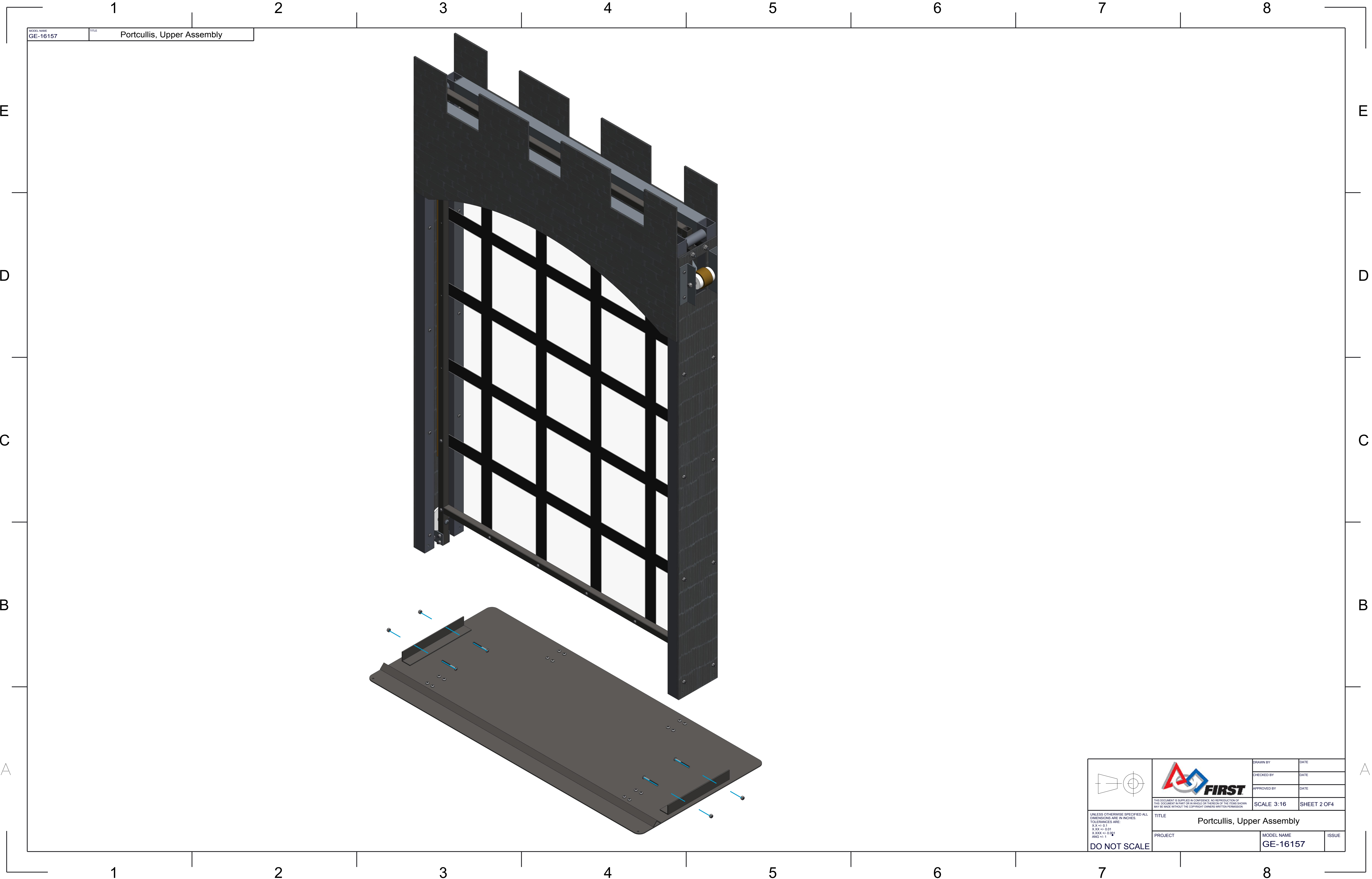
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
XXX ±0.01
X.XXX ±0.001
ANG ±1

DO NOT SCALE



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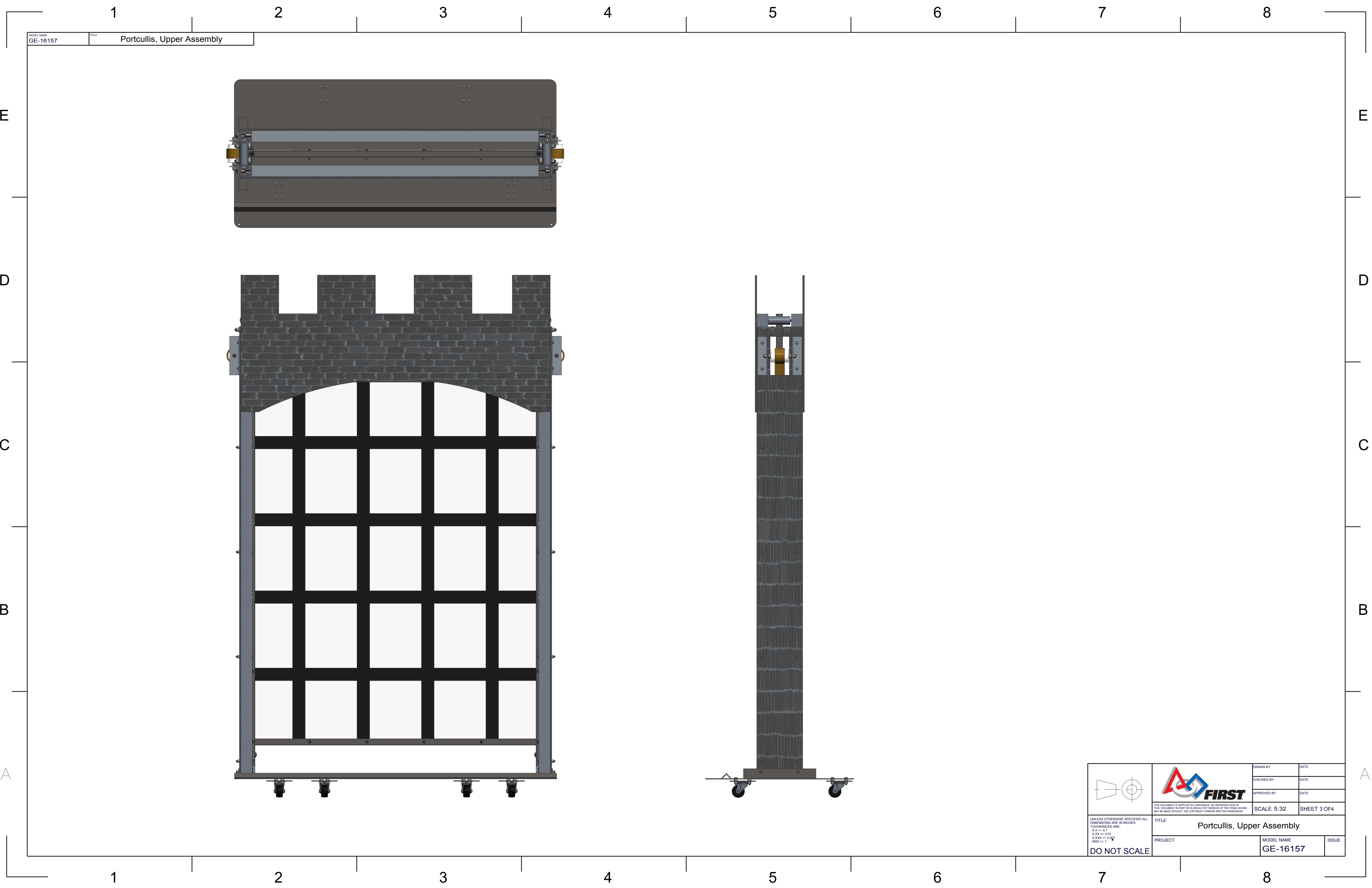
TITLE Portcullis, Upper Assembly	
PROJECT	MODEL NAME GE-16157
ISSUE	

SCALE 3:16 SHEET 1 OF 4





MODEL NAME	TITLE
GE-16157	Portcullis, Upper Assembly

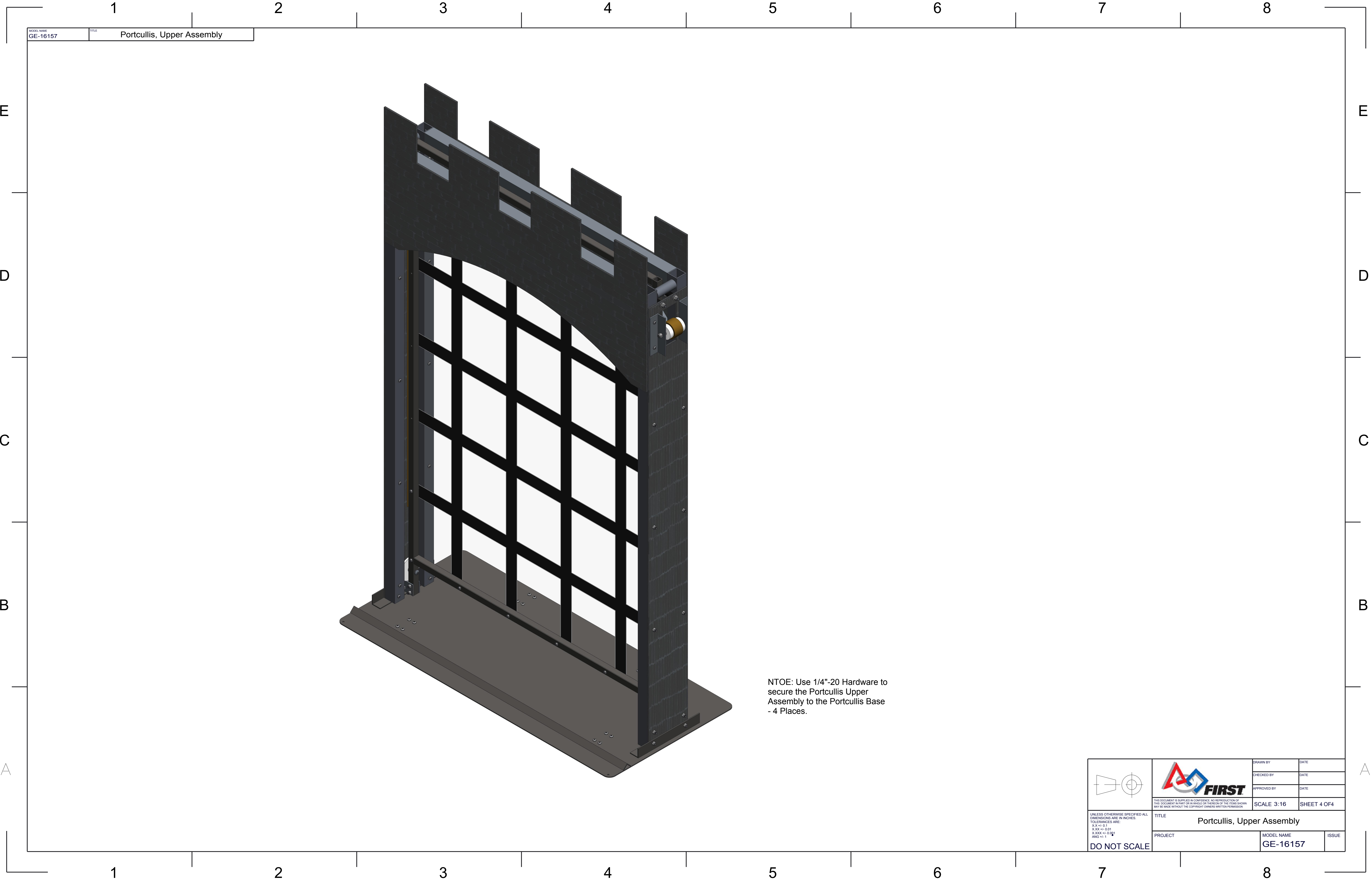
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		APPROVED BY	DATE		
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TITLE		Portcullis, Upper Assembly			
PROJECT		MODEL NAME		ISSUE	
		GE-16157			



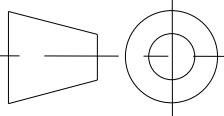

MODEL NAME
GE-16157

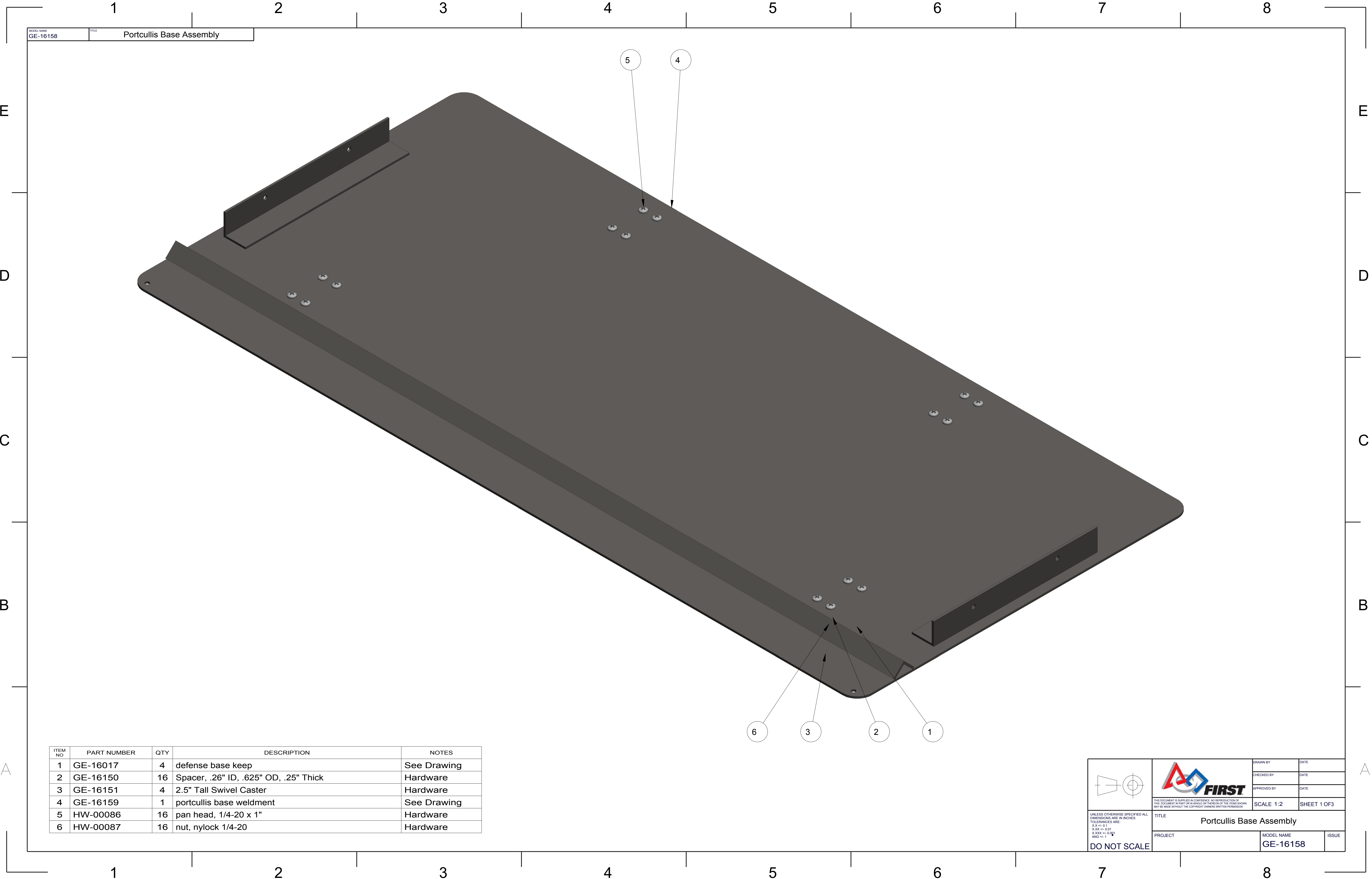
TITLE
Portcullis, Upper Assembly

 <small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X < .01 XX < .001 X.XXX < 0.001 ANG < +/- 1</small> DO NOT SCALE	 <small>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREOF BY THE USER SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION</small>		DRAWN BY	DATE
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			APPROVED BY	DATE
			SCALE 5:32 SHEET 3 OF 4	
TITLE Portcullis, Upper Assembly				
PROJECT		MODEL NAME GE-16157		ISSUE



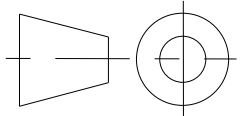
NTOE: Use 1/4"-20 Hardware to
secure the Portcullis Upper
Assembly to the Portcullis Base
- 4 Places.


 <small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. XXX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1</small> DO NOT SCALE		<small>DRAWN BY</small>	<small>DATE</small>
		<small>CHECKED BY</small>	<small>DATE</small>
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<small>TITLE</small> Portcullis, Upper Assembly		<small>SCALE 3:16</small> <small>SHEET 4 OF 4</small>	
<small>PROJECT</small>		<small>MODEL NAME</small> GE-16157	<small>ISSUE</small>



MODEL NAME	TITLE
GE-16158	Portcullis Base Assembly

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16017	4	defense base keep	See Drawing
2	GE-16150	16	Spacer, .26" ID, .625" OD, .25" Thick	Hardware
3	GE-16151	4	2.5" Tall Swivel Caster	Hardware
4	GE-16159	1	portcullis base weldment	See Drawing
5	HW-00086	16	pan head, 1/4-20 x 1"	Hardware
6	HW-00087	16	nut, nylock 1/4-20	Hardware





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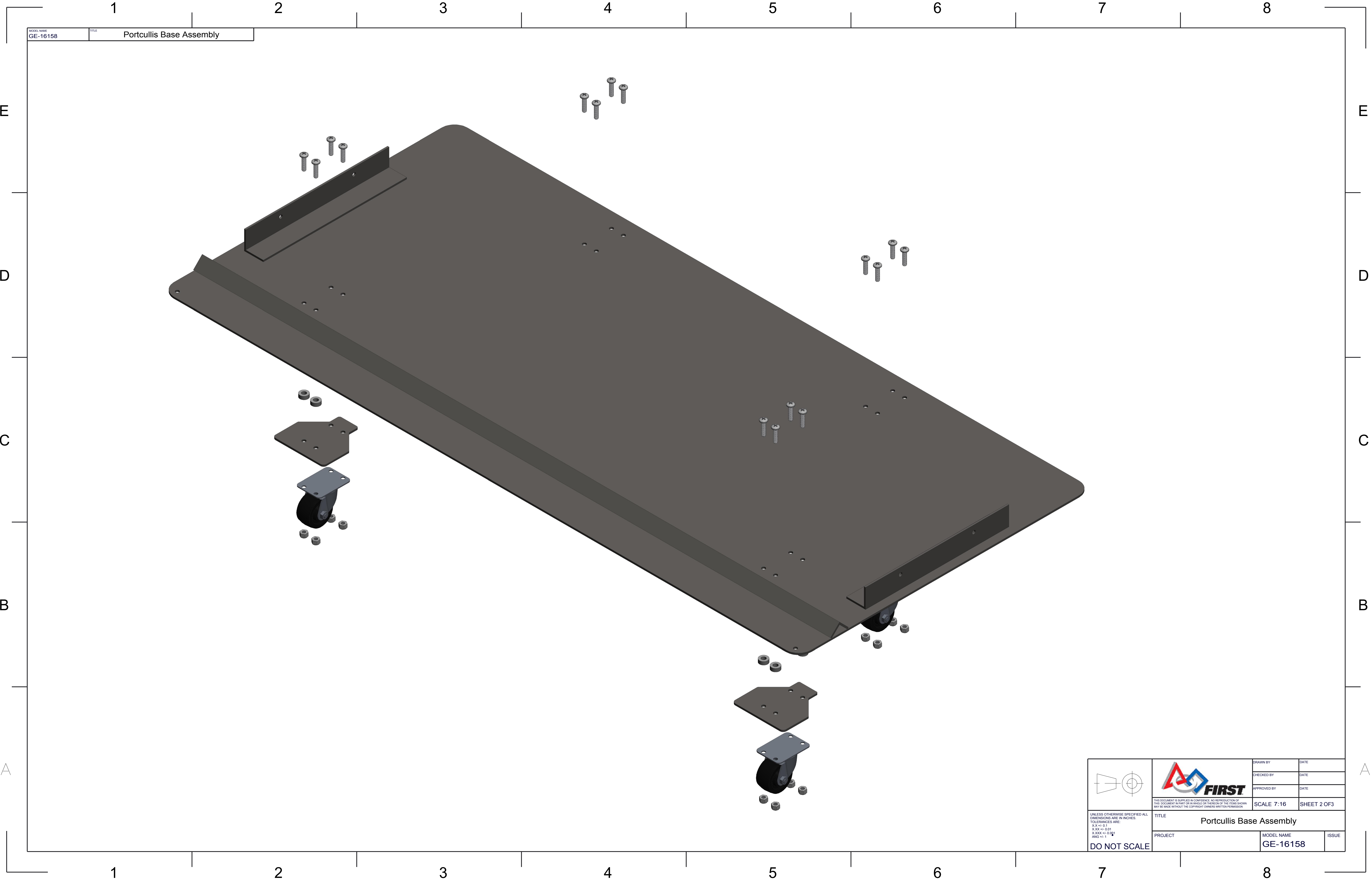
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X.XXX +/- 0.01
ANG +/- 1

DO NOT SCALE

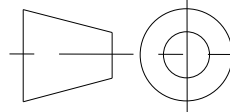

TITLE Portcullis Base Assembly		
PROJECT	MODEL NAME GE-16158	ISSUE

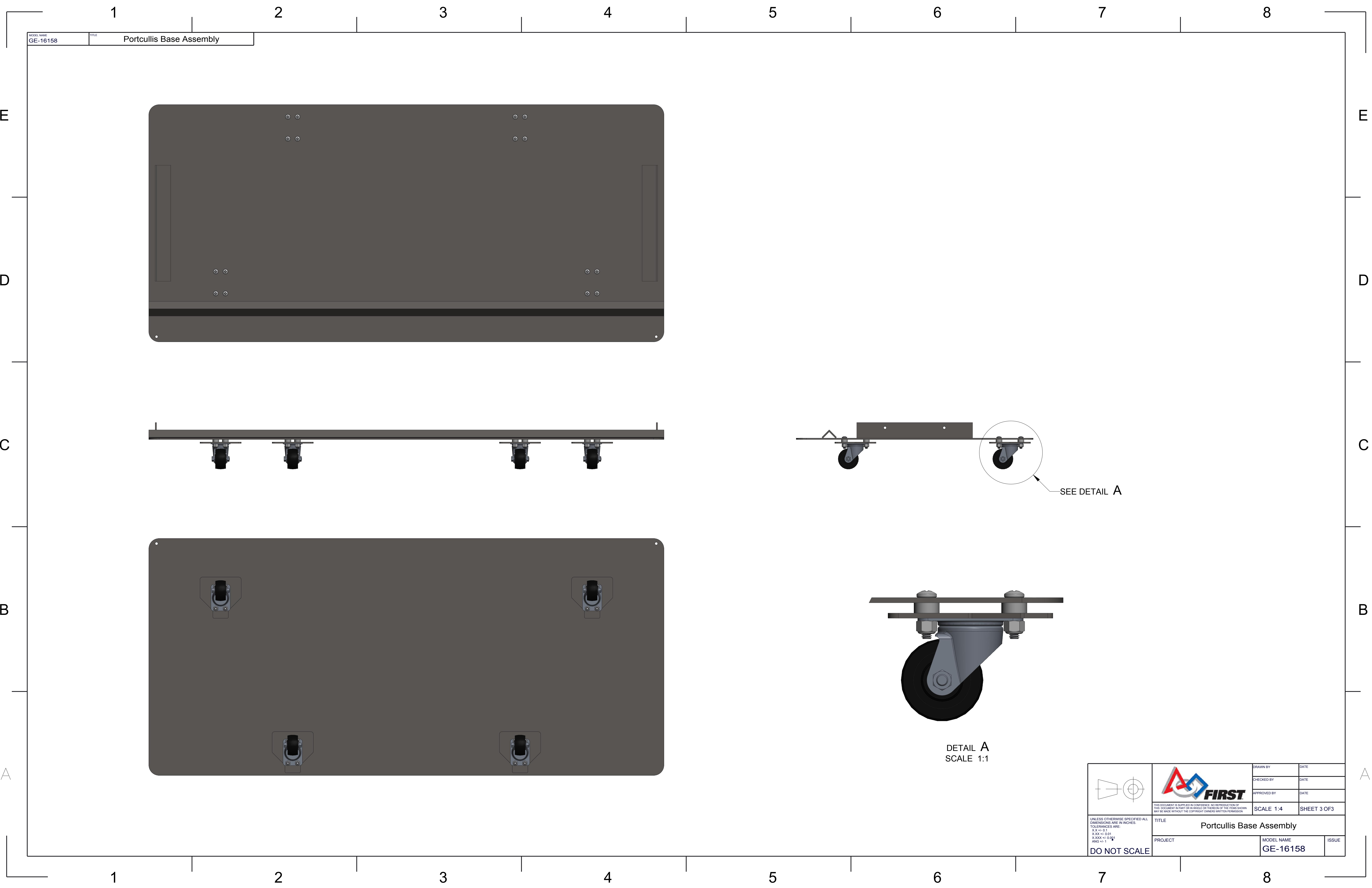
SCALE 1:2

SHEET 1 OF 3





MODEL NAME	TITLE
GE-16158	Portcullis Base Assembly

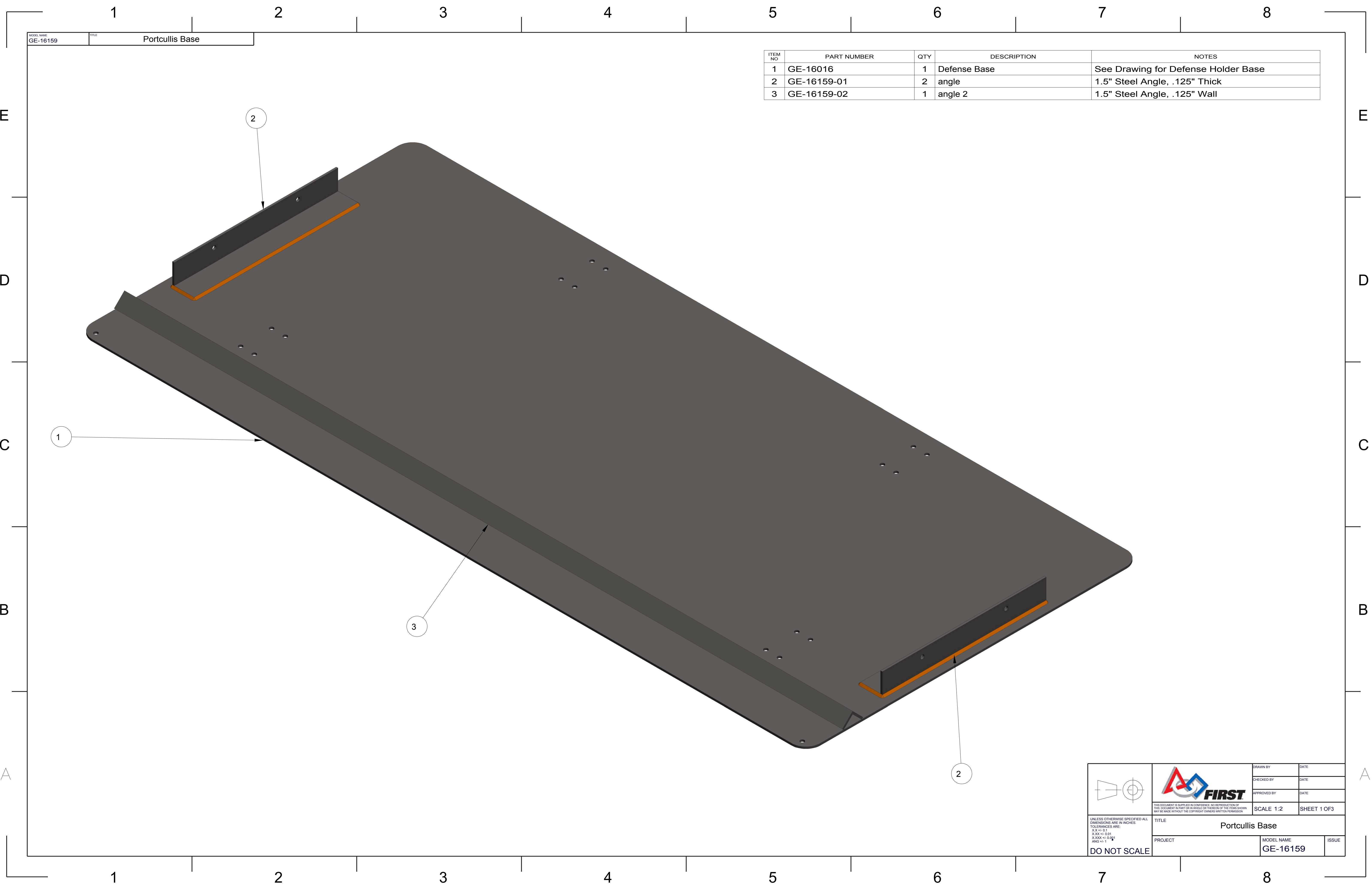
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		APPROVED BY	DATE		
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TITLE		Portcullis Base Assembly			
PROJECT		MODEL NAME		ISSUE	
		GE-16158			



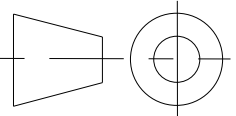
MODEL NAME
GE-16158

TITLE
Portcullis Base Assembly

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		APPROVED BY	DATE
		SCALE 1:4	
TITLE		Portcullis Base Assembly	
PROJECT	MODEL NAME	ISSUE	
	GE-16158		




ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16016	1	Defense Base	See Drawing for Defense Holder Base
2	GE-16159-01	2	angle	1.5" Steel Angle, .125" Thick
3	GE-16159-02	1	angle 2	1.5" Steel Angle, .125" Wall



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X.X +/- .01
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1

DO NOT SCALE

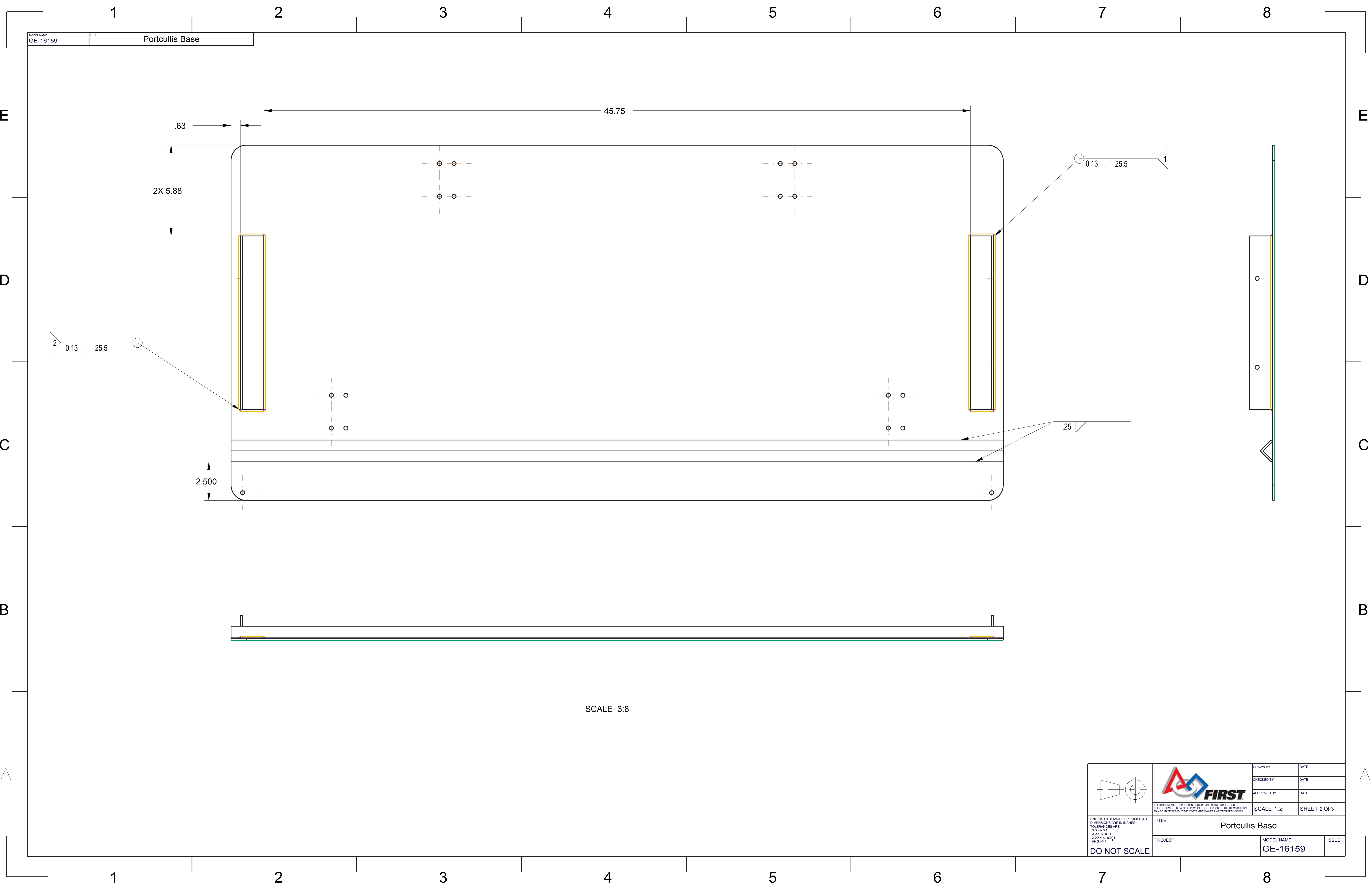


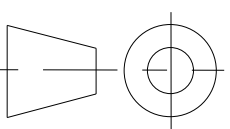

TITLE
Portcullis Base

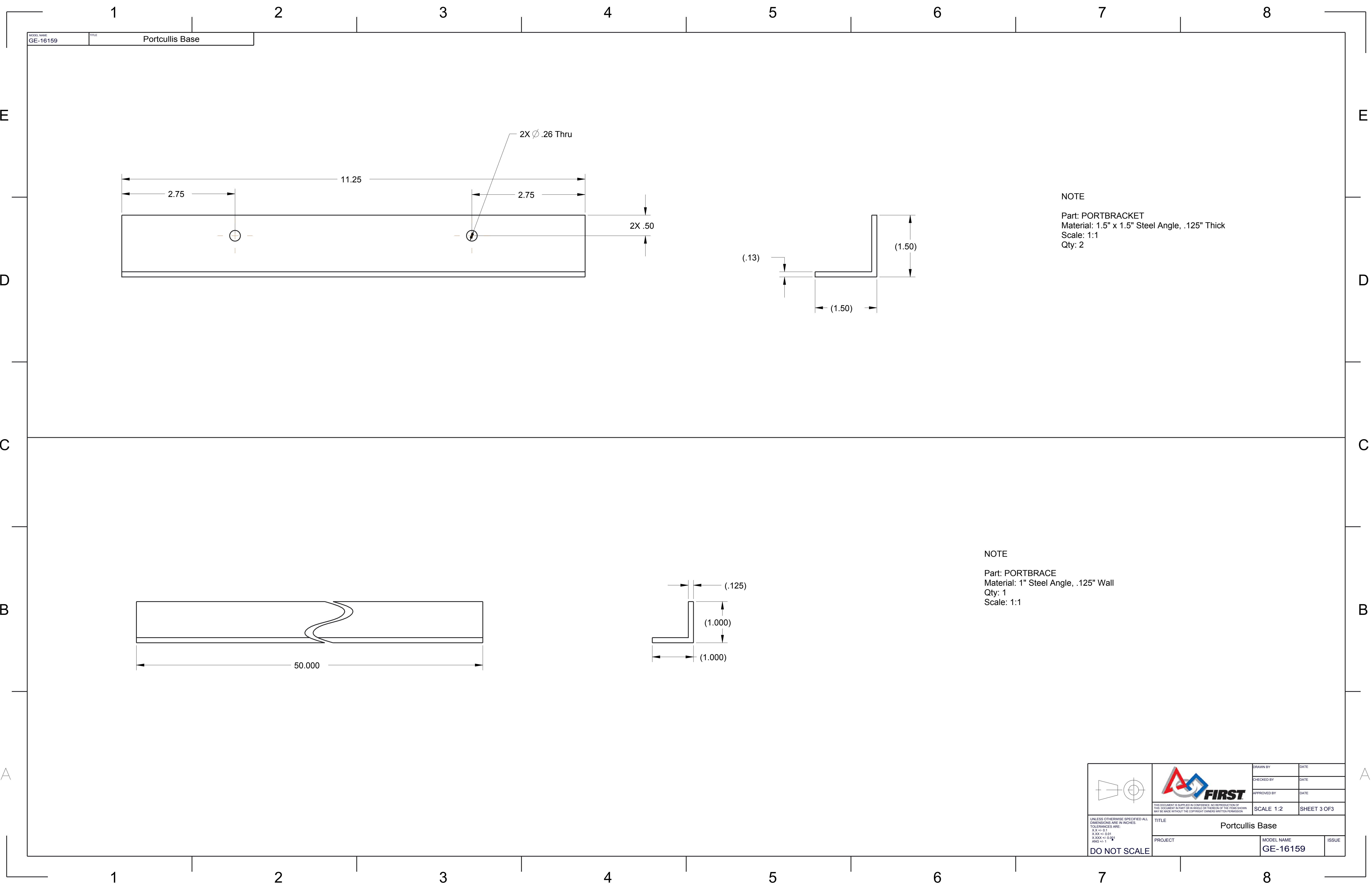
PROJECT

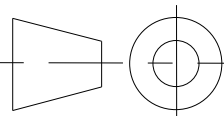

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SHEET 1 OF 3	

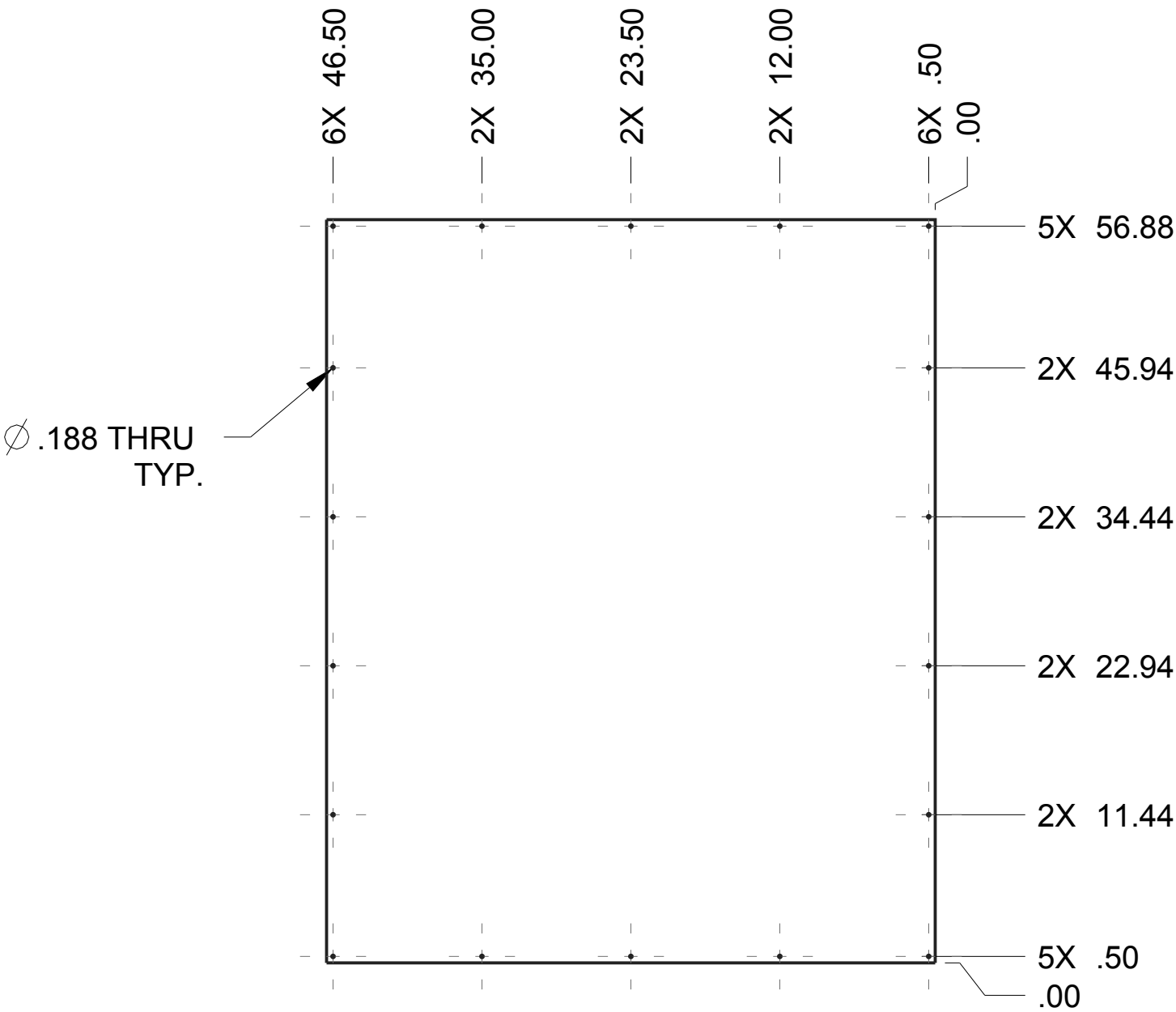
MODEL NAME	ISSUE
GE-16159	




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	TITLE Portcullis Base		SHEET 2 OF 3
PROJECT		MODEL NAME GE-16159	ISSUE



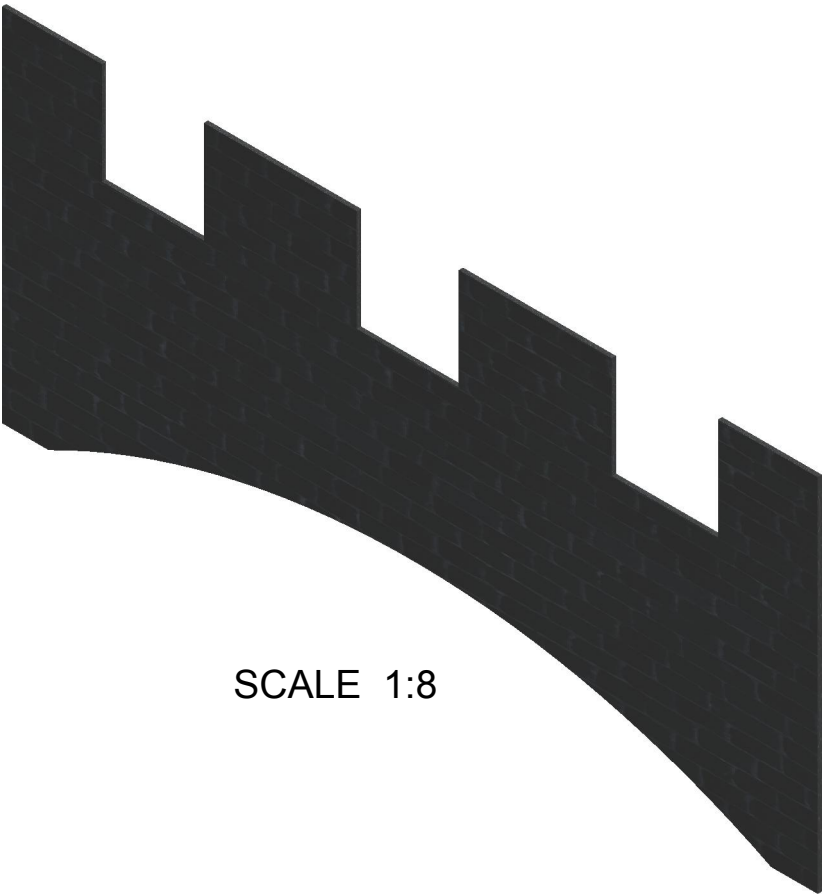
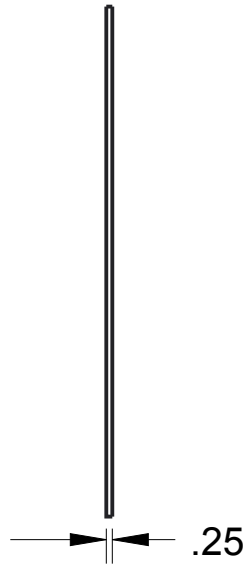
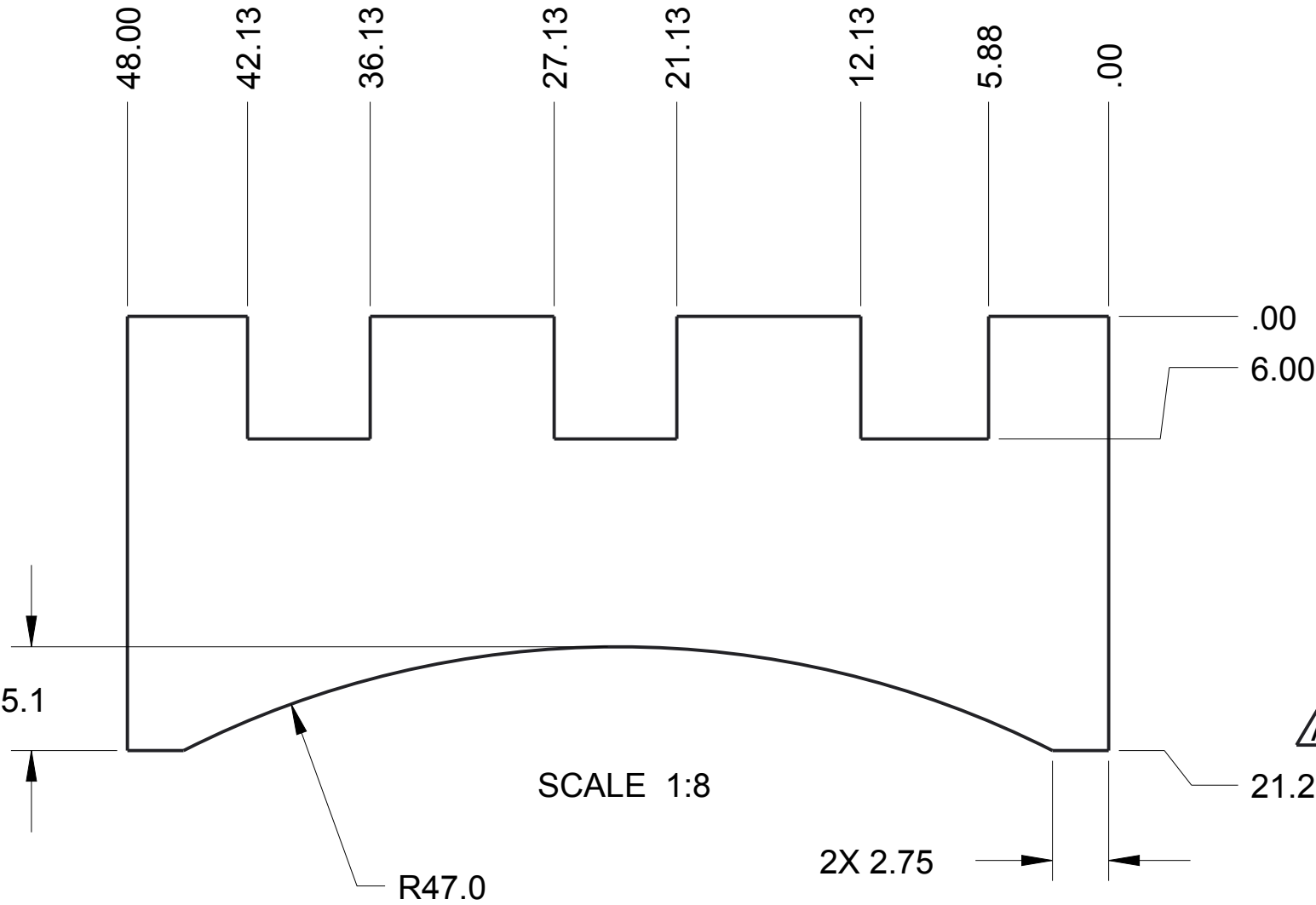
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TITLE		Portcullis Base	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- .01 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1			
DO NOT SCALE		PROJECT	MODEL NAME GE-16159
			ISSUE



Notes:
1. Material: 1/8" Clear Polycarbonate

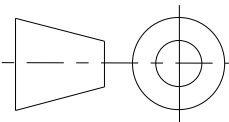

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°	TITLE P DOOR PLASTIC		
	PROJECT	MODEL NAME GE-16167	ISSUE
DO NOT SCALE			

Rev	Zone	Description	Date	Initials
A	B-3	21.25 was 14.00	11/24/15	DAF



Notes:

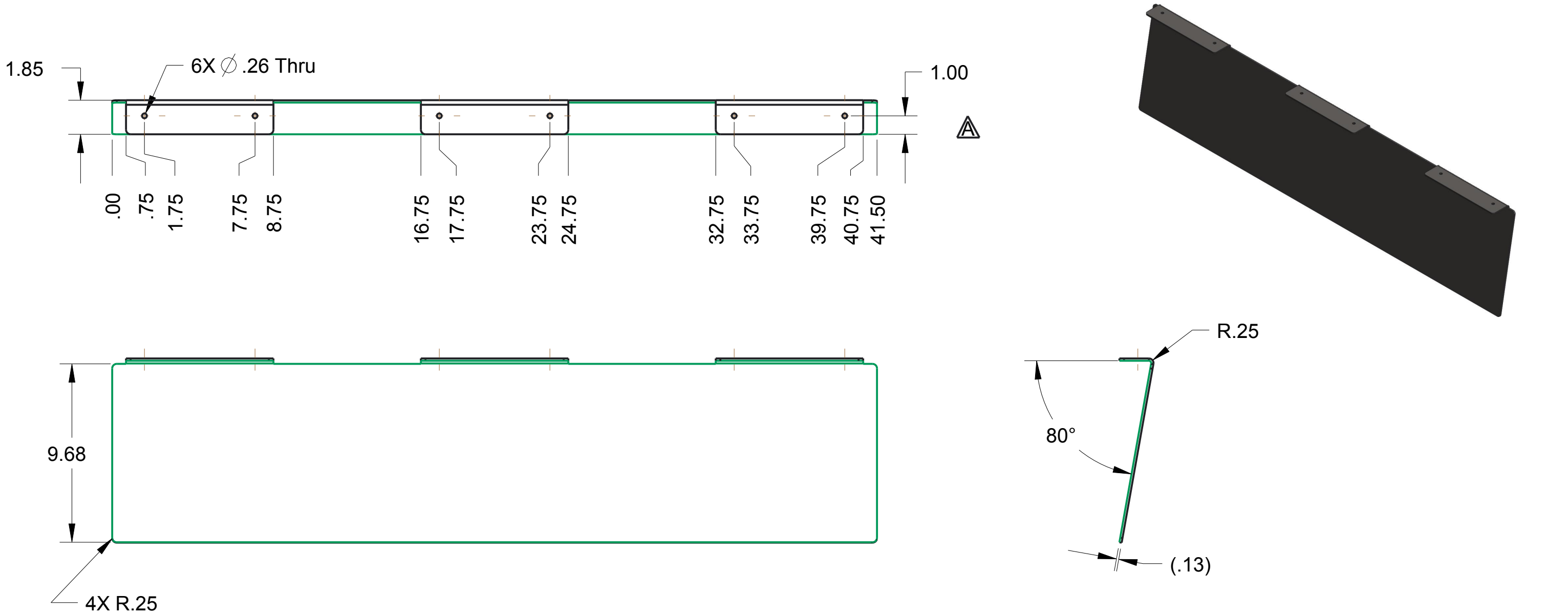
1. Material: 1/4" clear, polycarbonate.
2. Print on one side to look like the stone of a castle.

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		CHECKED BY	DATE
		APPROVED BY	DATE
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°			
TITLE Portcullis Facade			
PROJECT		MODEL NAME GE-16169	ISSUE
DO NOT SCALE			

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TOLERANCES ARE:
X.X +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- .1°

DO NOT SCALE

REV	LOCATION	DESCRIPTION	APPROVED	DATE
A	C3	Hole Location	NJS	1/19/16



NOTE

Material: Steel Sheet, .125"

Scale: 3:16

Remove all burrs and sharp edges

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TOLERANCES ARE:
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X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

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SCALE 3:16

SHEET 1 OF 1

TITLE

Drawbridge Ramp

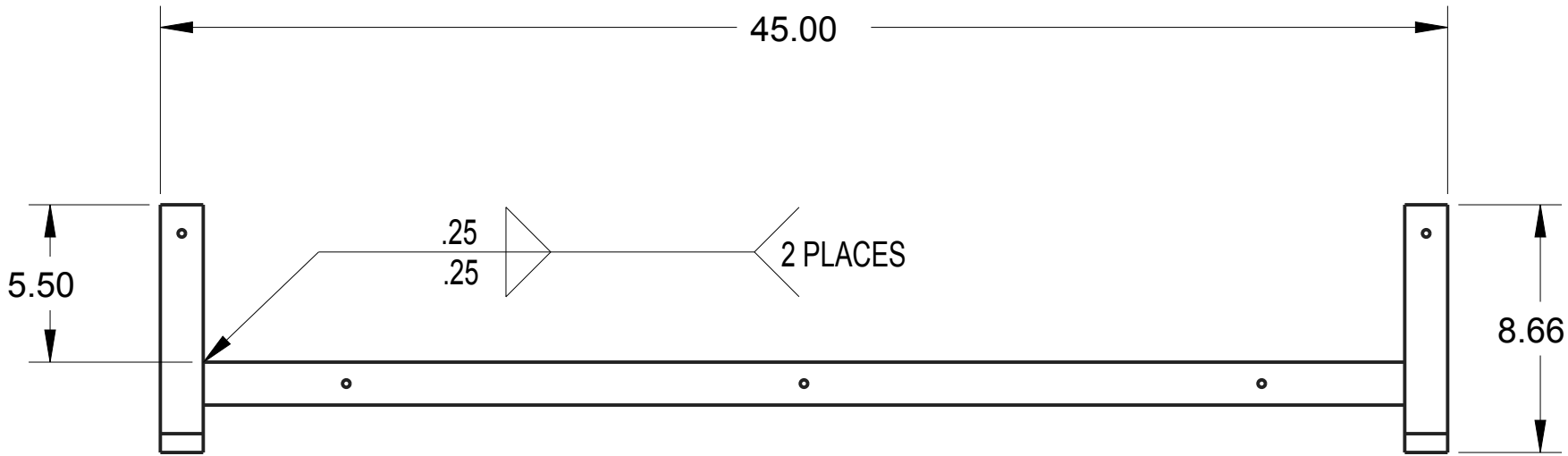
PROJECT

MODEL NAME


GE-16170

ISSUE

ASME STANDARD, INC.



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16171-01	1	HORIZONTAL	
2	GE-16171-02	2	VERTICAL	
3	GE-16171-03	2	PIVOT	



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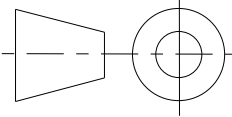
SCALE 1:6

DATE

DATE

DATE

SHEET 1 OF2



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

DO NOT SCALE

TITLE

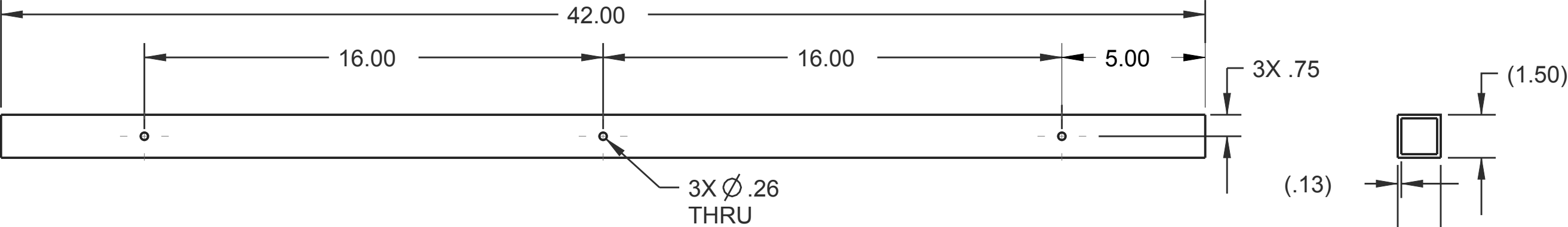
PROJECT

DOOR FRAME, DB

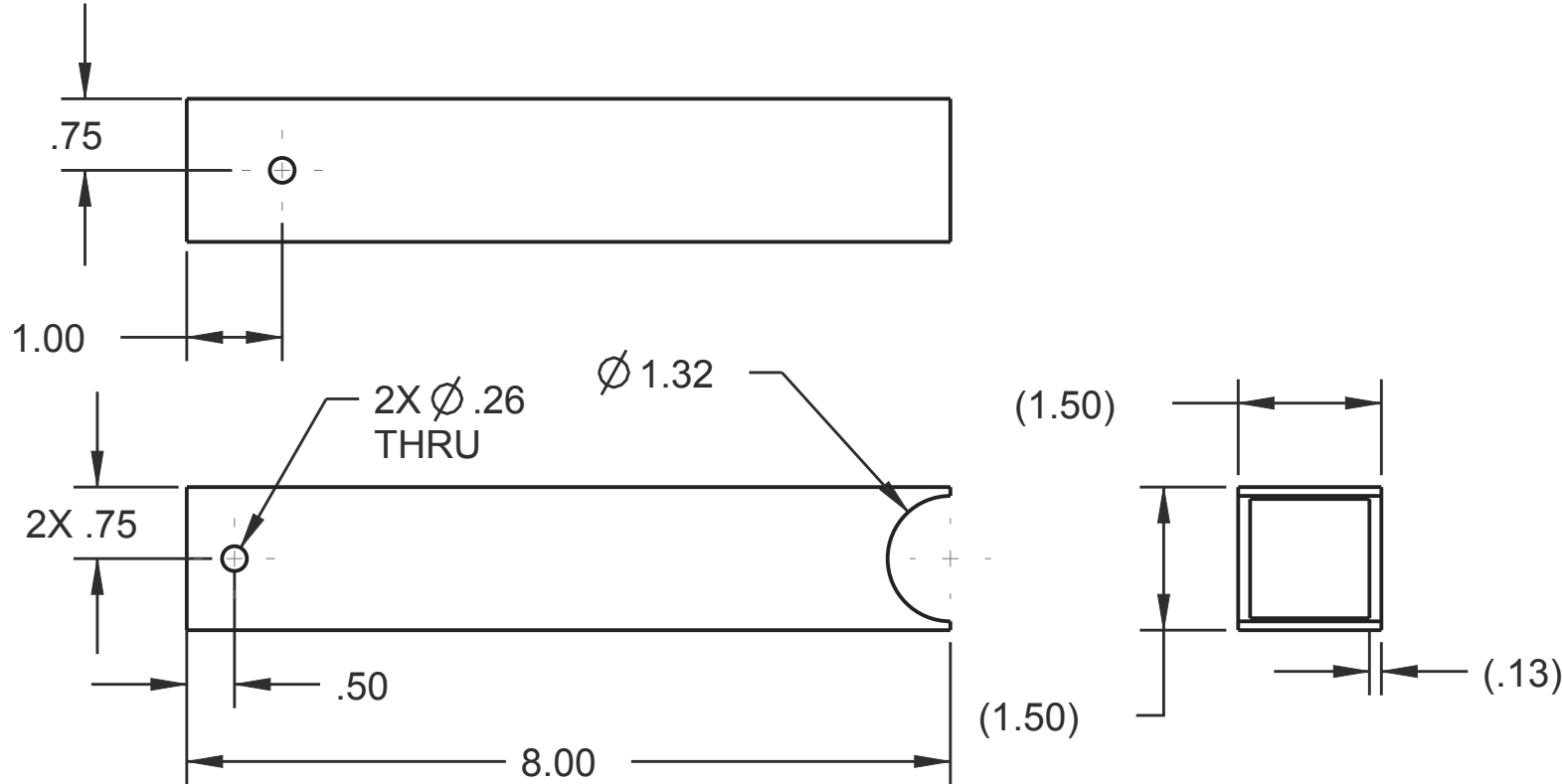
MODEL NAME

GE-16171

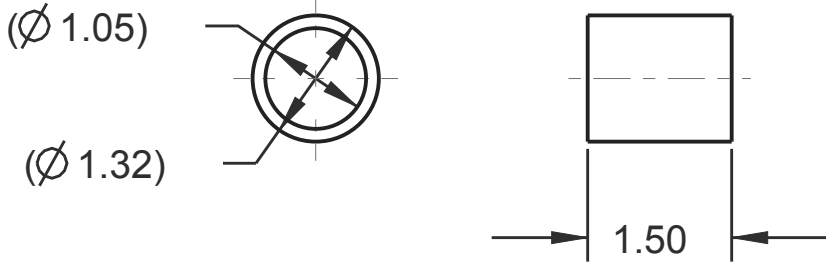
ISSUE




PART: GE-16171-01
MATERIAL: 1.5" X .125" SQUARE TUBING, 6063 ALUMINUM
QTY: 1



PART: GE-16171-02
MATERIAL: 1.5" X .125" SQUARE TUBING, 6063 ALUMINUM
QTY: 2



PART: GE-16171-03
MATERIAL: 1" SCHEDULE 40 PIPE, 6061 ALUMINUM
QTY: 2

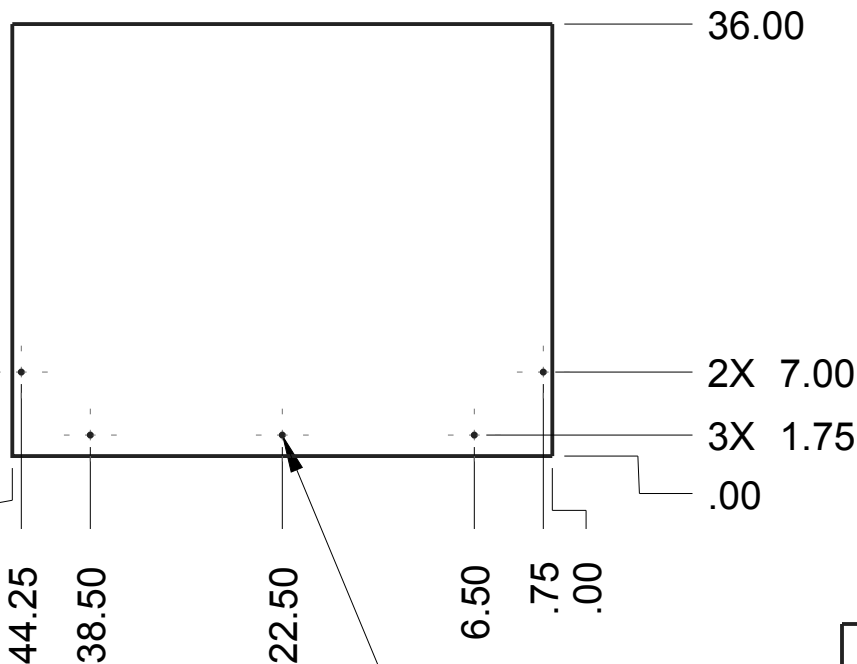
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- .1	TITLE DOOR FRAME, DB			
	PROJECT	MODEL NAME GE-16171		ISSUE
DO NOT SCALE				

MODEL NAME
GE-16172

TITLE

DOOR PLASTIC, DRAWBRIDGE

REV	ZONE	DESCRIPTION	INITIAL	DATE
A	A-2	.125 WAS .25	DAF	12/16/15



5X \varnothing .26 Thru

Note:


Material: Clear Polycarbonate, .125 Thick

Scale 1:16

Qty: 1

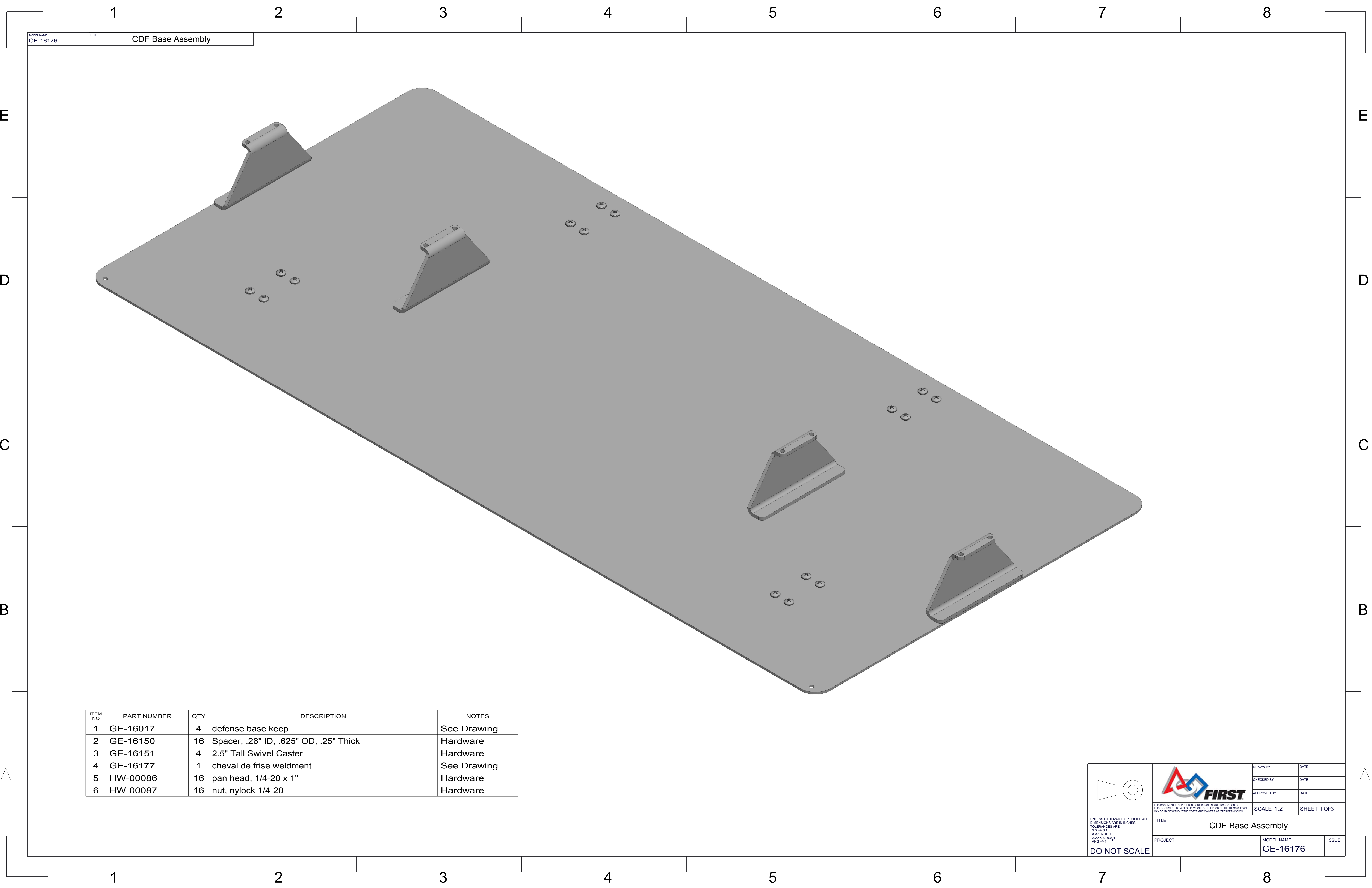
Print to look like wood




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	APPROVED BY	DATE
	SCALE 1:16	SHEET 1 OF 1
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TITLE DOOR PLASTIC, DRAWBRIDGE		
PROJECT		MODEL NAME GE-16172
ISSUE		

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

DO NOT SCALE



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16017	4	defense base keep	See Drawing
2	GE-16150	16	Spacer, .26" ID, .625" OD, .25" Thick	Hardware
3	GE-16151	4	2.5" Tall Swivel Caster	Hardware
4	GE-16177	1	cheval de frise weldment	See Drawing
5	HW-00086	16	pan head, 1/4-20 x 1"	Hardware
6	HW-00087	16	nut, nylock 1/4-20	Hardware



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.
X.X +/- .01
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1

DO NOT SCALE

TITLE
CDF Base Assembly

PROJECT

DRAWN BY
CHECKED BY
APPROVED BY

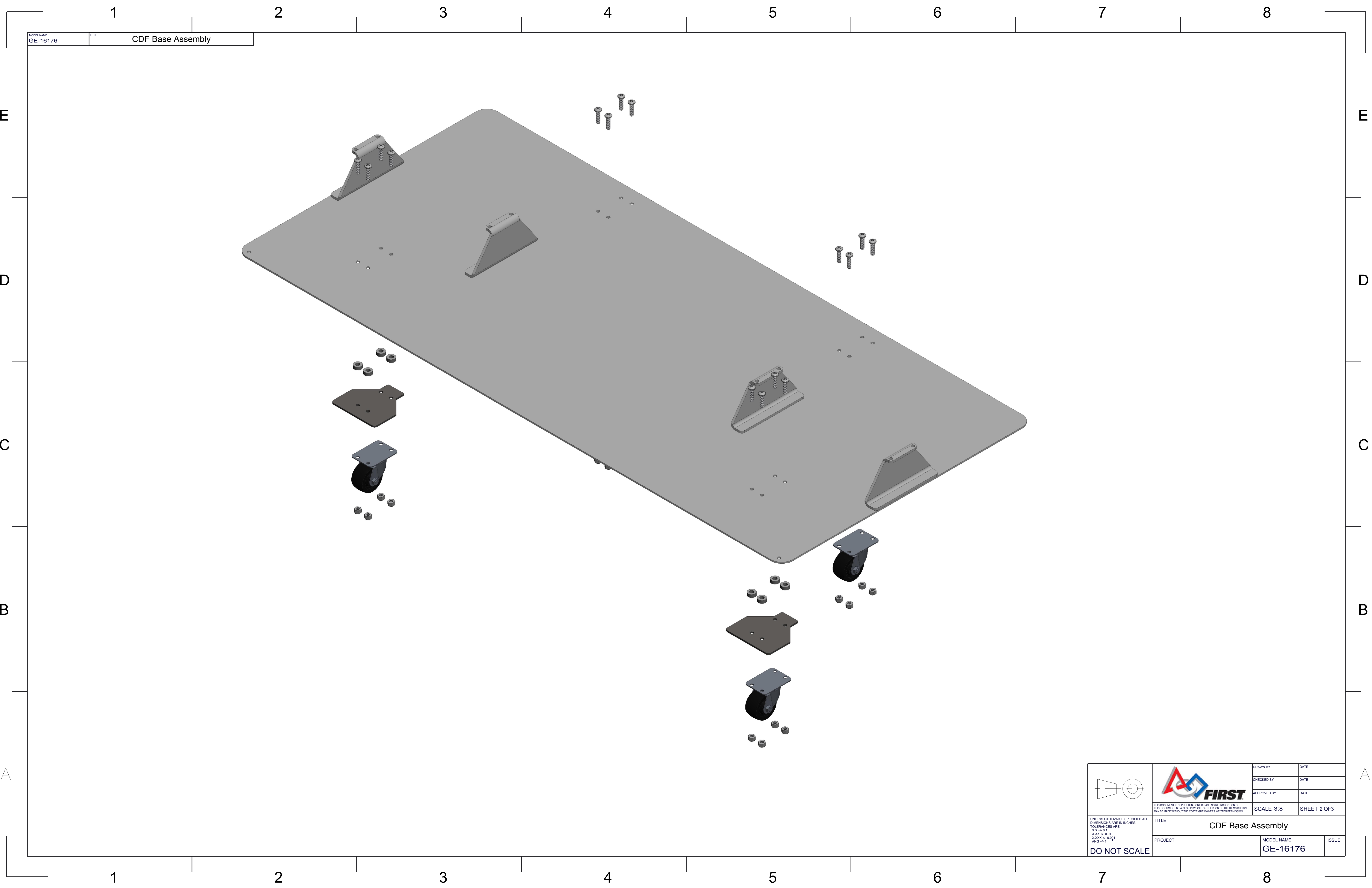
SCALE
1:2

MODEL NAME
GE-16176

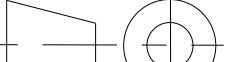

DATE
DATE
DATE

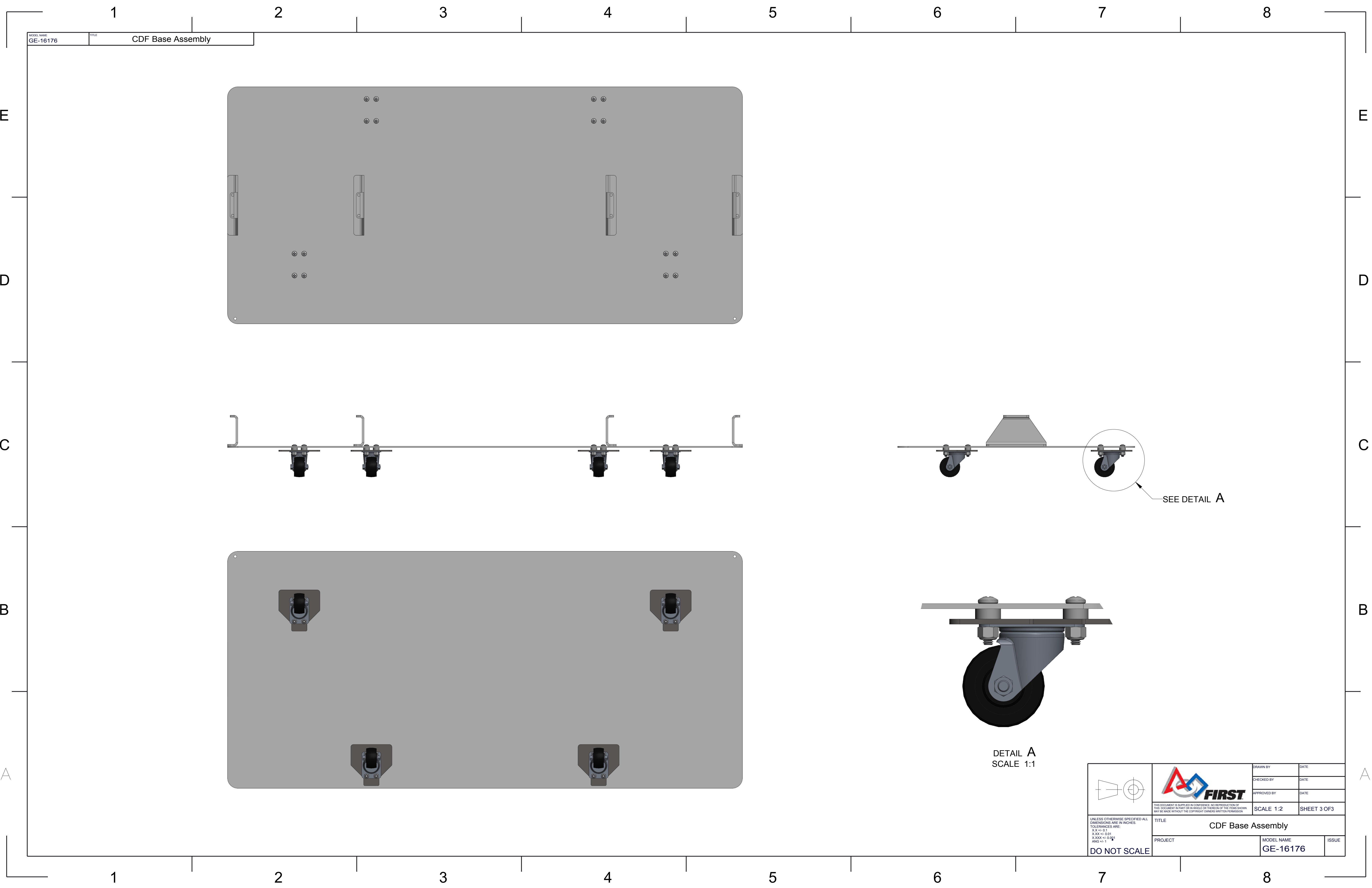
SHEET
1 OF 3

ISSUE



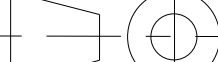

MODEL NAME	TITLE
GE-16176	CDF Base Assembly

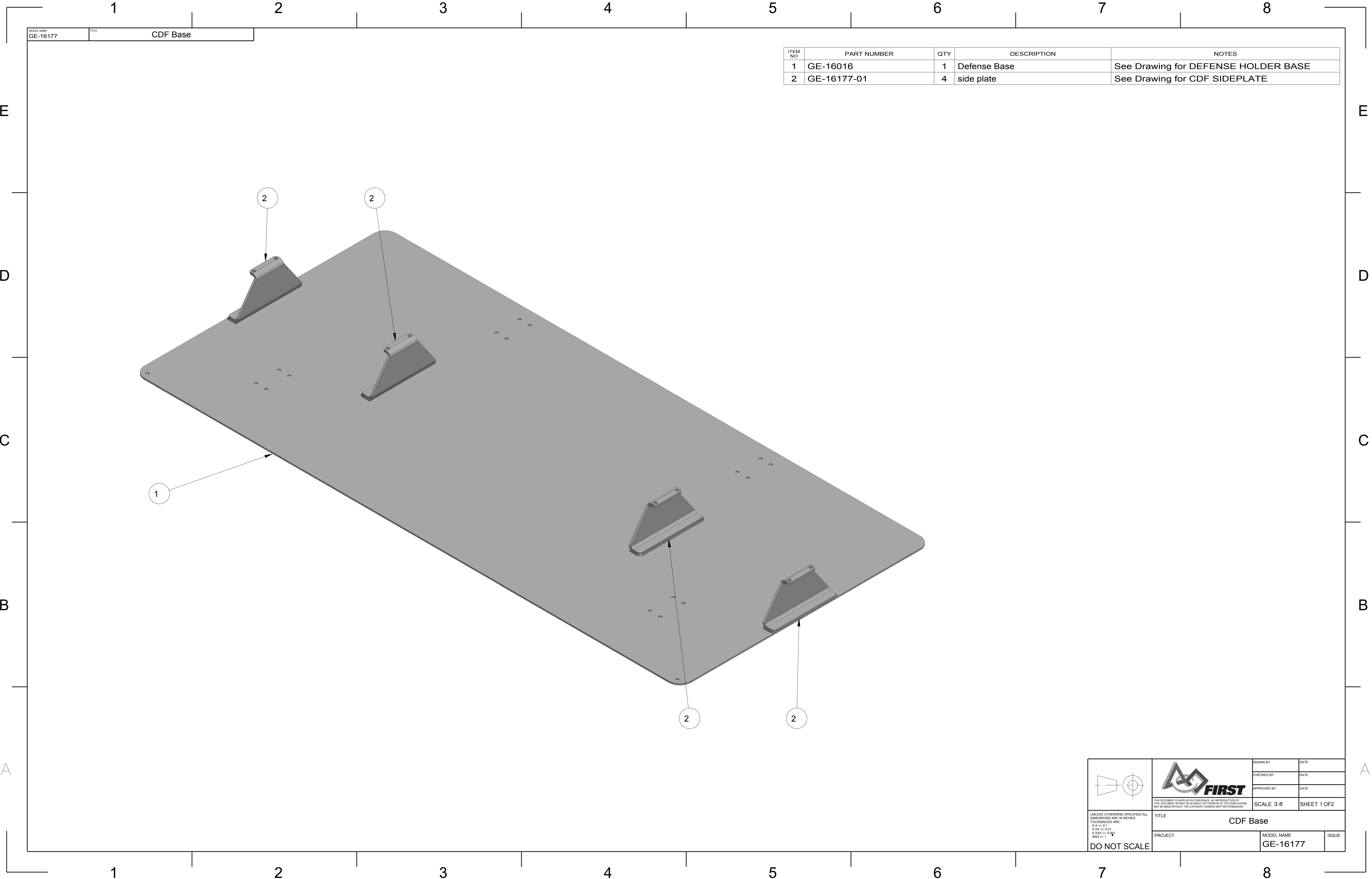
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		APPROVED BY	DATE		
		SCALE 3:8		SHEET 2 OF 3	
TITLE CDF Base Assembly					
PROJECT			MODEL NAME	ISSUE	
			GE-16176		



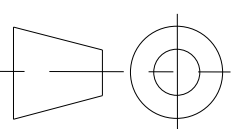
MODEL NAME
GE-16176

TITLE
CDF Base Assembly

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			CHECKED BY	DATE
			APPROVED BY	DATE
			SCALE 1:2	
TITLE CDF Base Assembly				
PROJECT		MODEL NAME GE-16176	ISSUE	




ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16016	1	Defense Base	See Drawing for DEFENSE HOLDER BASE
2	GE-16177-01	4	side plate	See Drawing for CDF SIDEPLATE



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X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1

DO NOT SCALE



TITLE
CDF Base

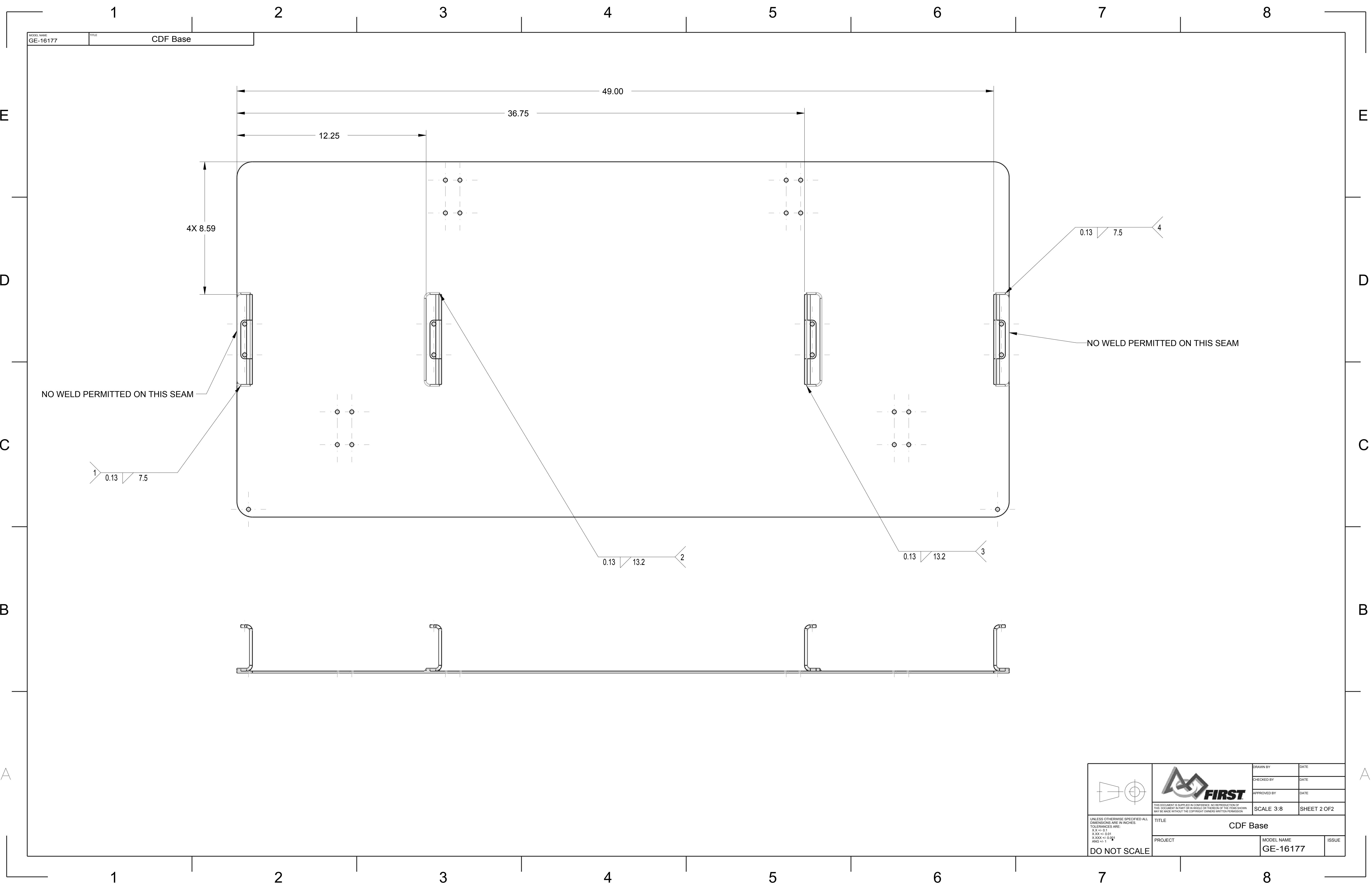
PROJECT

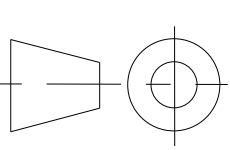

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APPROVED BY	DATE

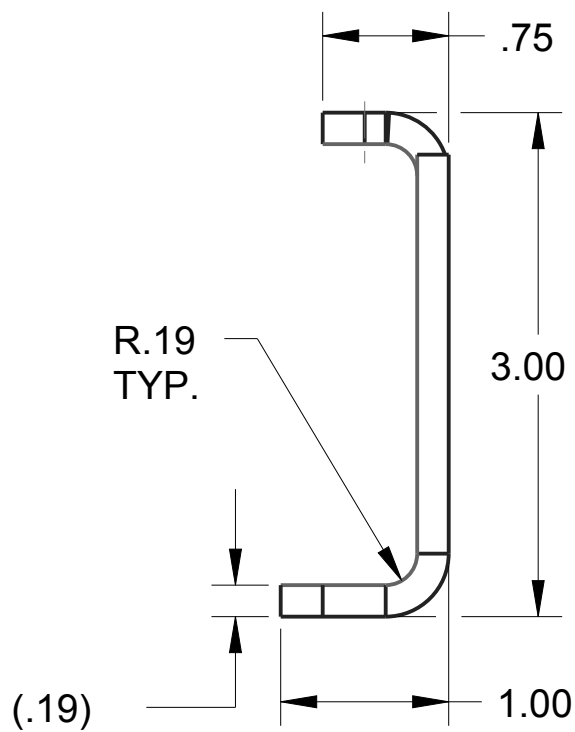
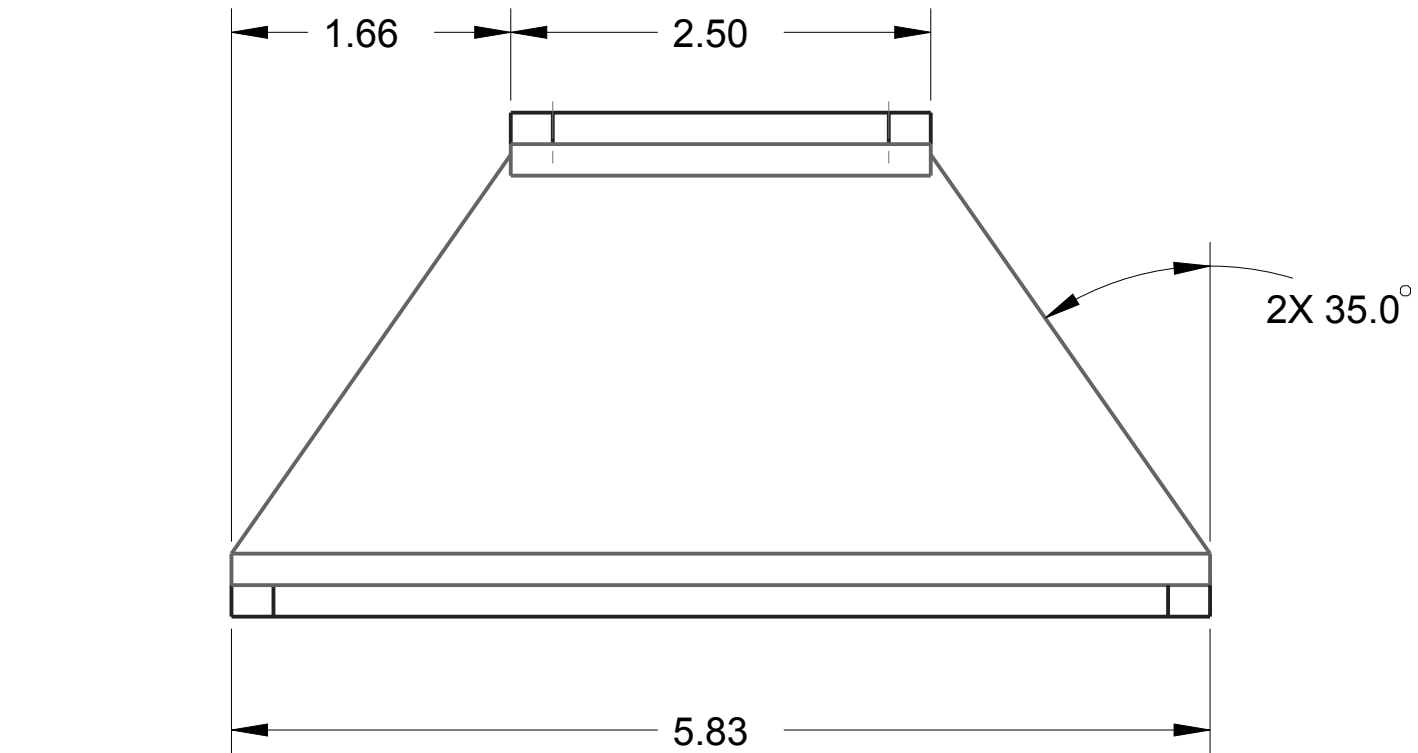
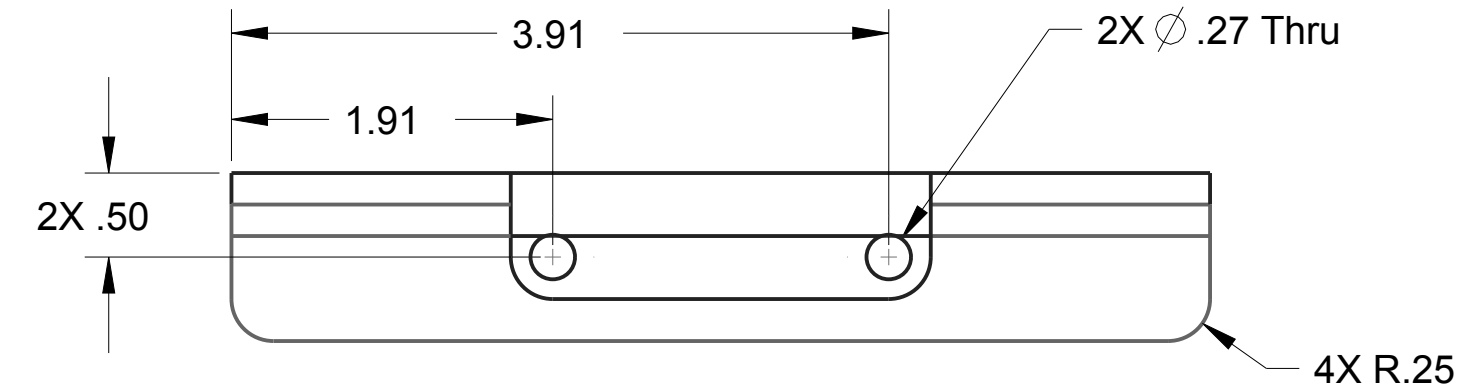
SCALE 3:8

SHEET 1 OF 2

MODEL NAME	ISSUE
GE-16177	



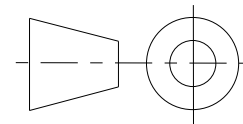
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		CHECKED BY	DATE		
		APPROVED BY	DATE		
		SCALE 3:8		SHEET 2 OF 2	
TITLE		CDF Base			
PROJECT		MODEL NAME		ISSUE	
		GE-16177			



NOTE

Material: Steel Sheet, .1875"
Scale: 7:8

Remove all burrs and sharp edges



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X.XXX +/- 0.001
ANG +/- 1°

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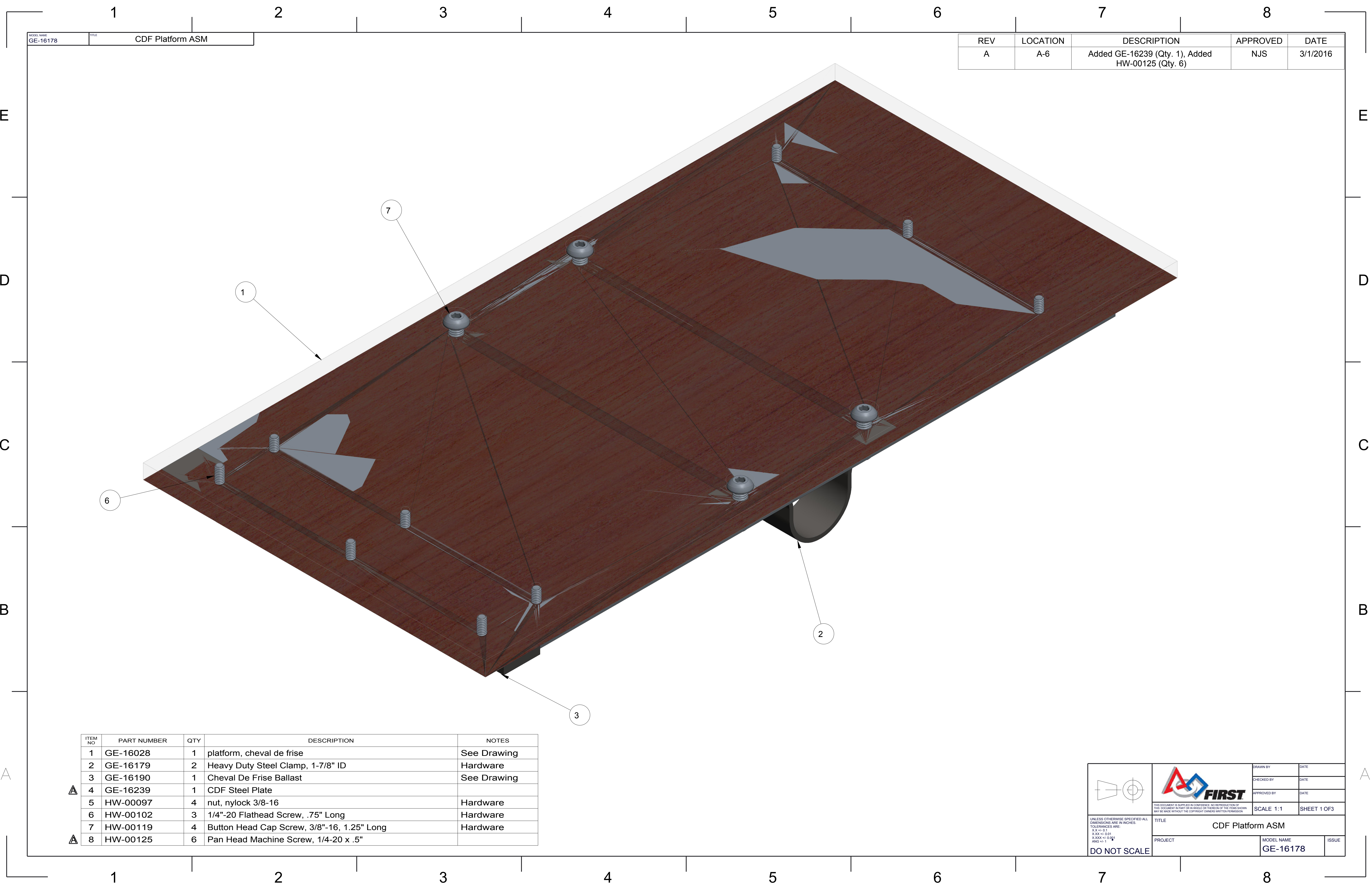
TITLE
Sideplate, CDF

PROJECT

DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 7:8	SHEET 1 OF 1

MODEL NAME
GE-16177-01


ISSUE



MODEL NAME	TITLE
GE-16178	CDF Platform ASM

REV	LOCATION	DESCRIPTION	APPROVED	DATE
A	A-6	Added GE-16239 (Qty. 1), Added HW-00125 (Qty. 6)	NJS	3/1/2016

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16028	1	platform, cheval de frise	See Drawing
2	GE-16179	2	Heavy Duty Steel Clamp, 1-7/8" ID	Hardware
3	GE-16190	1	Cheval De Frise Ballast	See Drawing
⚠ 4	GE-16239	1	CDF Steel Plate	
5	HW-00097	4	nut, nylock 3/8-16	Hardware
6	HW-00102	3	1/4"-20 Flathead Screw, .75" Long	Hardware
7	HW-00119	4	Button Head Cap Screw, 3/8"-16, 1.25" Long	Hardware
⚠ 8	HW-00125	6	Pan Head Machine Screw, 1/4-20 x .5"	



DRAWN BY

CHECKED BY

APPROVED BY

DATE

DATE

DATE

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

DO NOT SCALE

TITLE

CDF Platform ASM

PROJECT

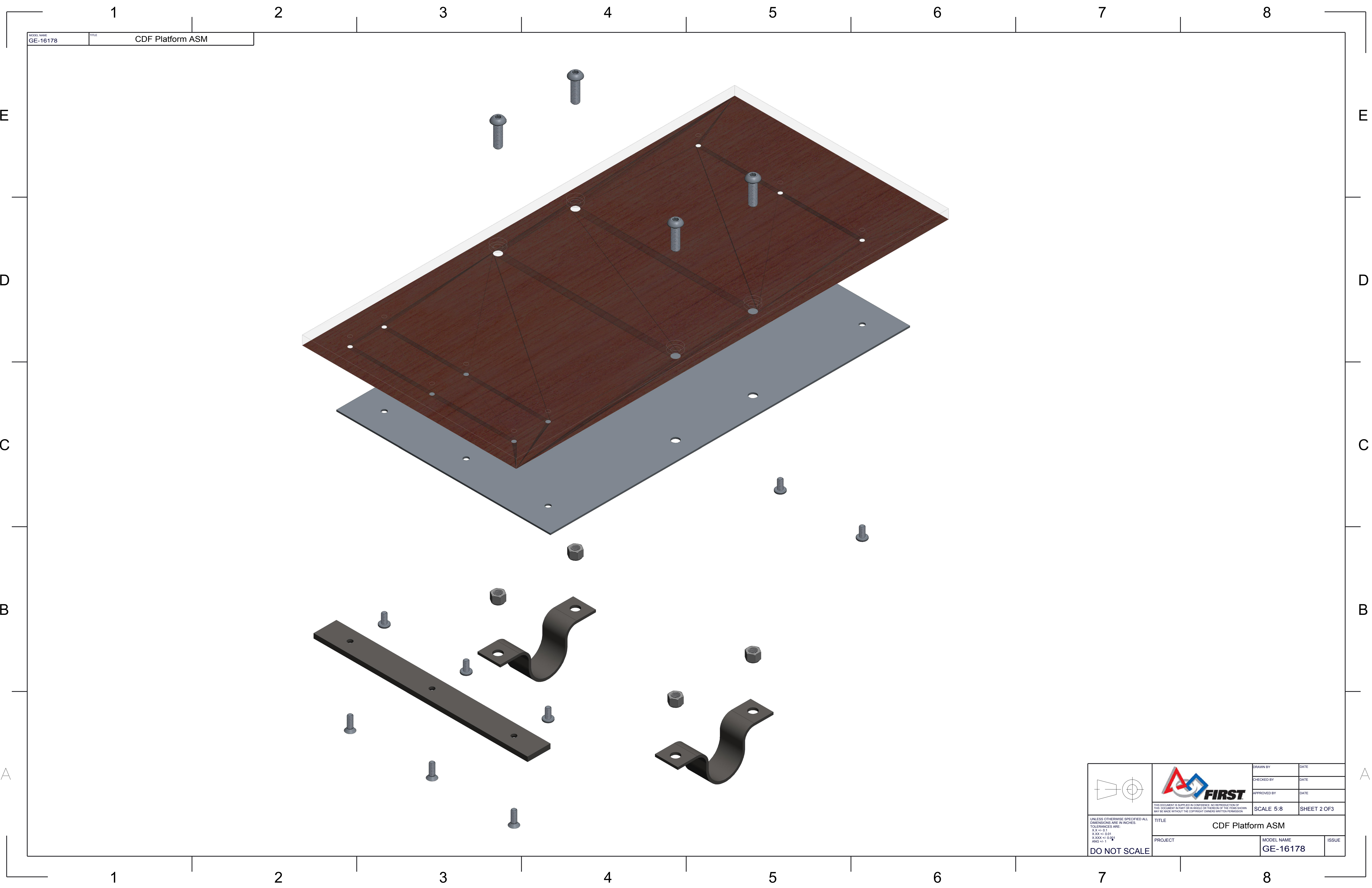
MODEL NAME

ISSUE

SCALE 1:1

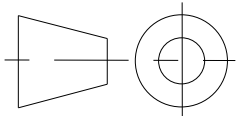

SHEET 1 OF 3

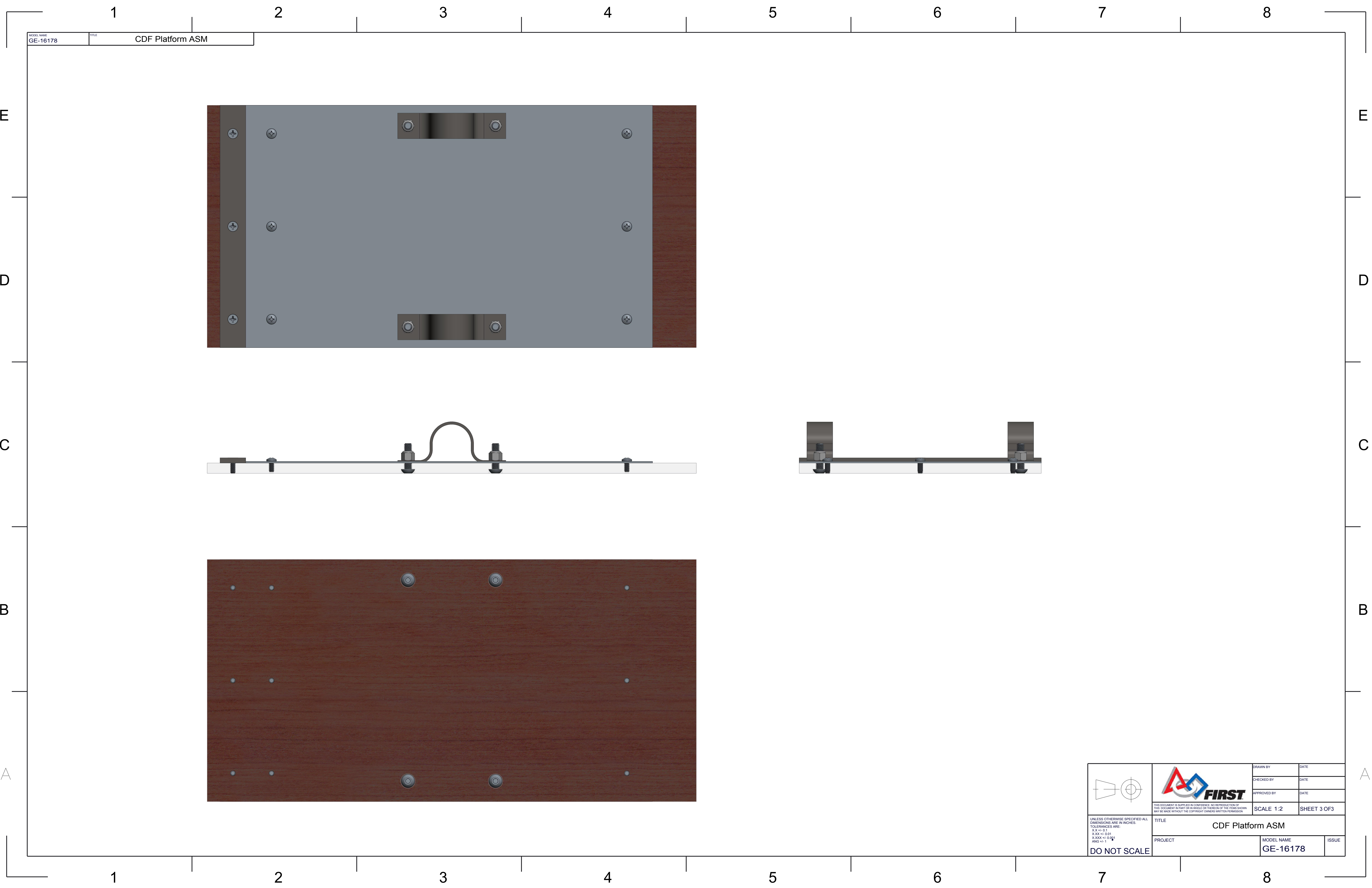
GE-16178



MODEL NAME
GE-16178



TITLE
CDF Platform ASM

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TITLE CDF Platform ASM			
PROJECT		MODEL NAME GE-16178	ISSUE

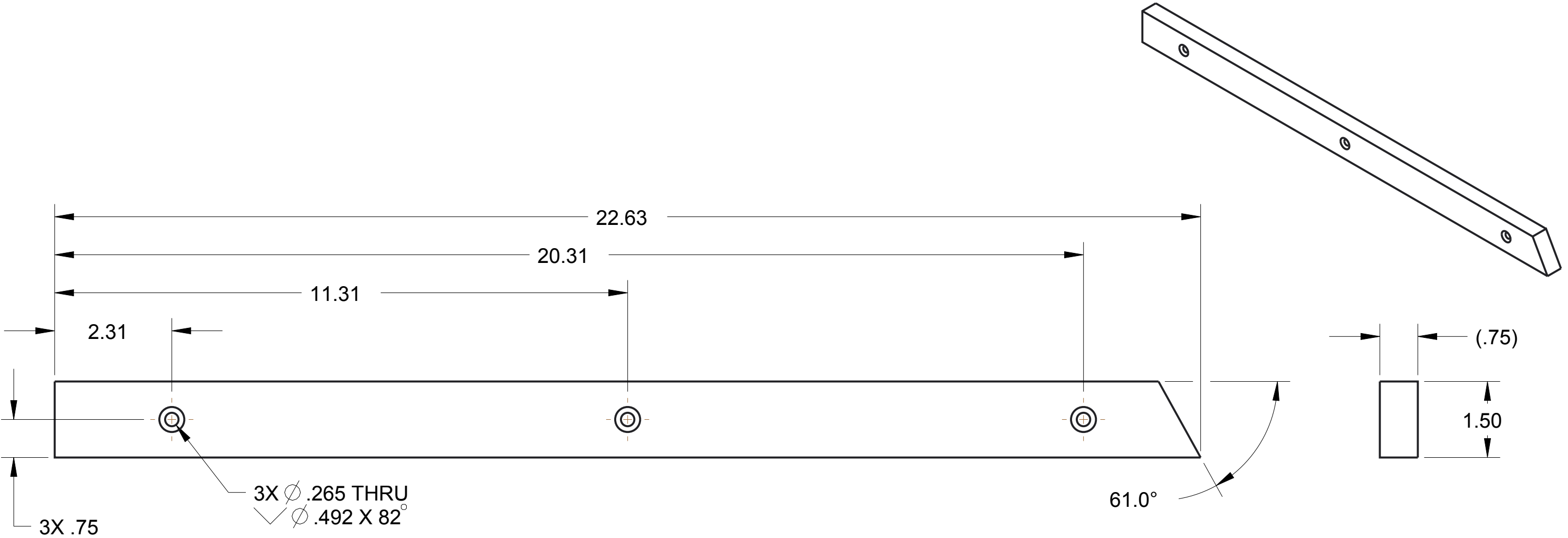


MODEL NAME
GE-16178


TITLE
CDF Platform ASM

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TITLE CDF Platform ASM			
PROJECT		MODEL NAME GE-16178	ISSUE
DO NOT SCALE			

REV	LOCATION	DESCRIPTION	APPROVED	DATE
A	A-1	Material Update	NJS	3/1/2016



NOTES:
1. MATERIAL: 3/4" CLEAR POLYCARBONATE OR BLACK HDPE
2. REMOVE ALL BURRS AND SHARP EDGES



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DATE

DATE

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SCALE 1:2

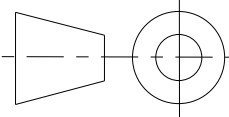
SHEET 1 OF 1

TITLE
CLEAT, HALF CORNER

PROJECT

MODEL NAME
GE-16181

ISSUE



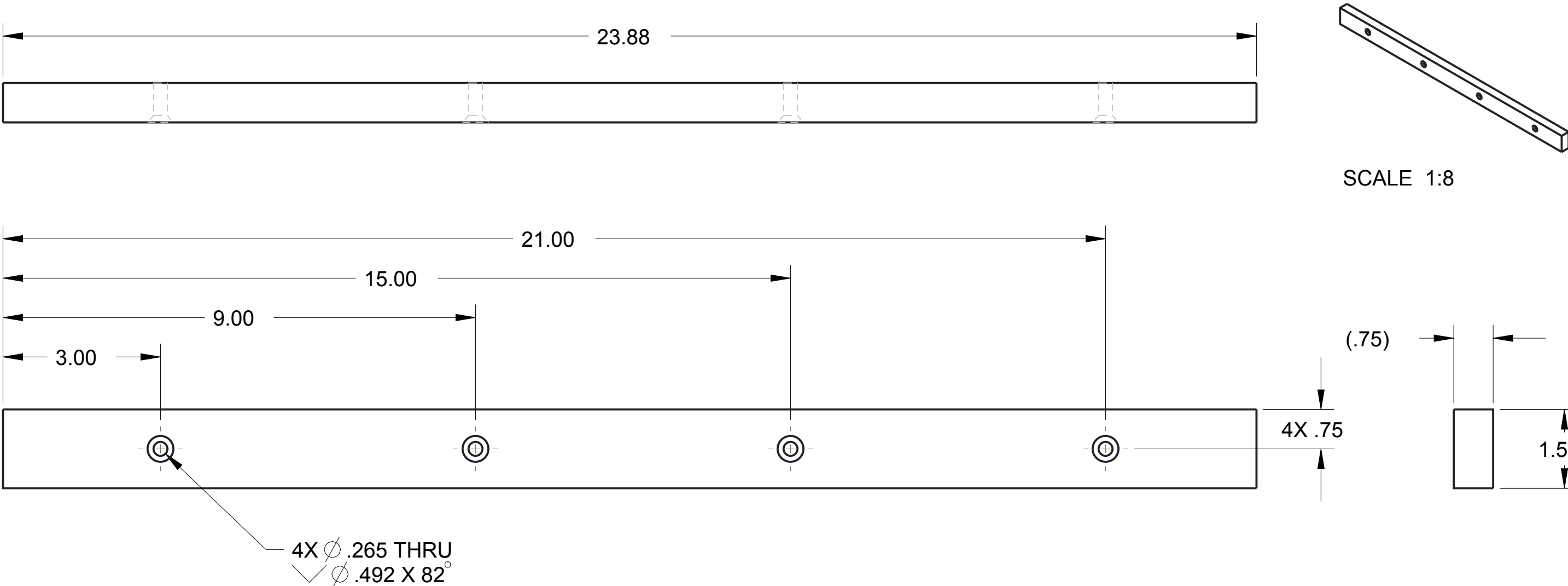
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
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X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

DO NOT SCALE

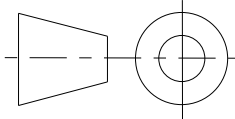
MODEL NAME
GE-16183

TITLE
CLEAT, MIDDLE RAMP

REV	LOCATION	DESCRIPTION	APPROVED	DATE
A	A-1	Material Update	NJS	3/1/2016



NOTES:
1. MATERIAL: 3/4" CLEAR POLYCARBONATE OR BLACK HDPE
2. REMOVE ALL BURRS AND SHARP EDGES.



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

DO NOT SCALE

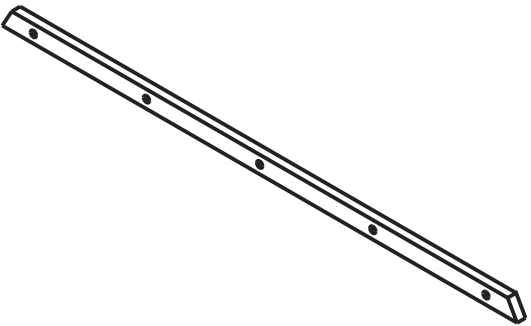


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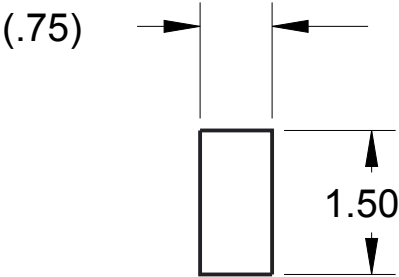
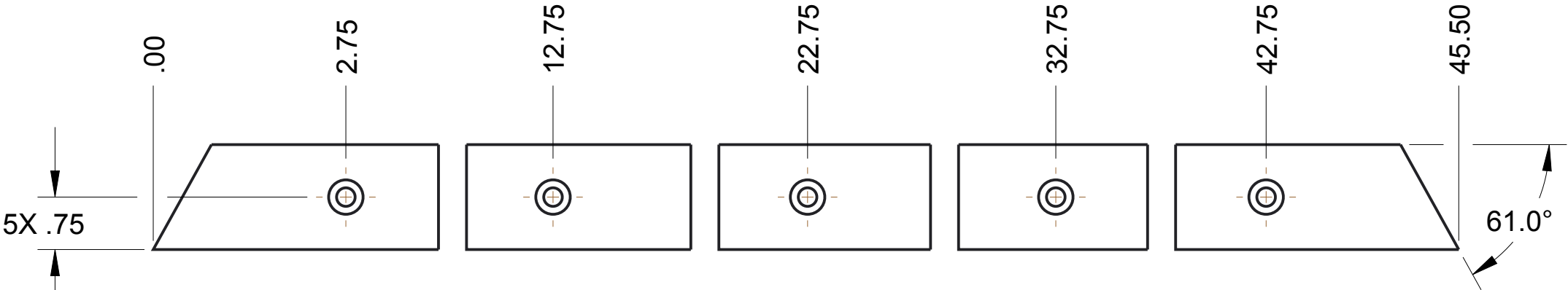
TITLE CLEAT, MIDDLE RAMP	
PROJECT	MODEL NAME GE-16183
ISSUE	

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

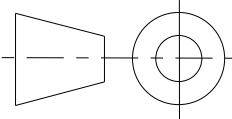
REV	LOCATION	DESCRIPTION	APPROVED	DATE
A	A-1	Material Update	NJS	3/1/2016



SCALE 1:12



NOTES;
1. MATERIAL: 3/4" CLEAR POLYCARBONATE OR BLACK HDPE
2. REMOVE ALL BURRS AND SHARP EDGES



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

DO NOT SCALE



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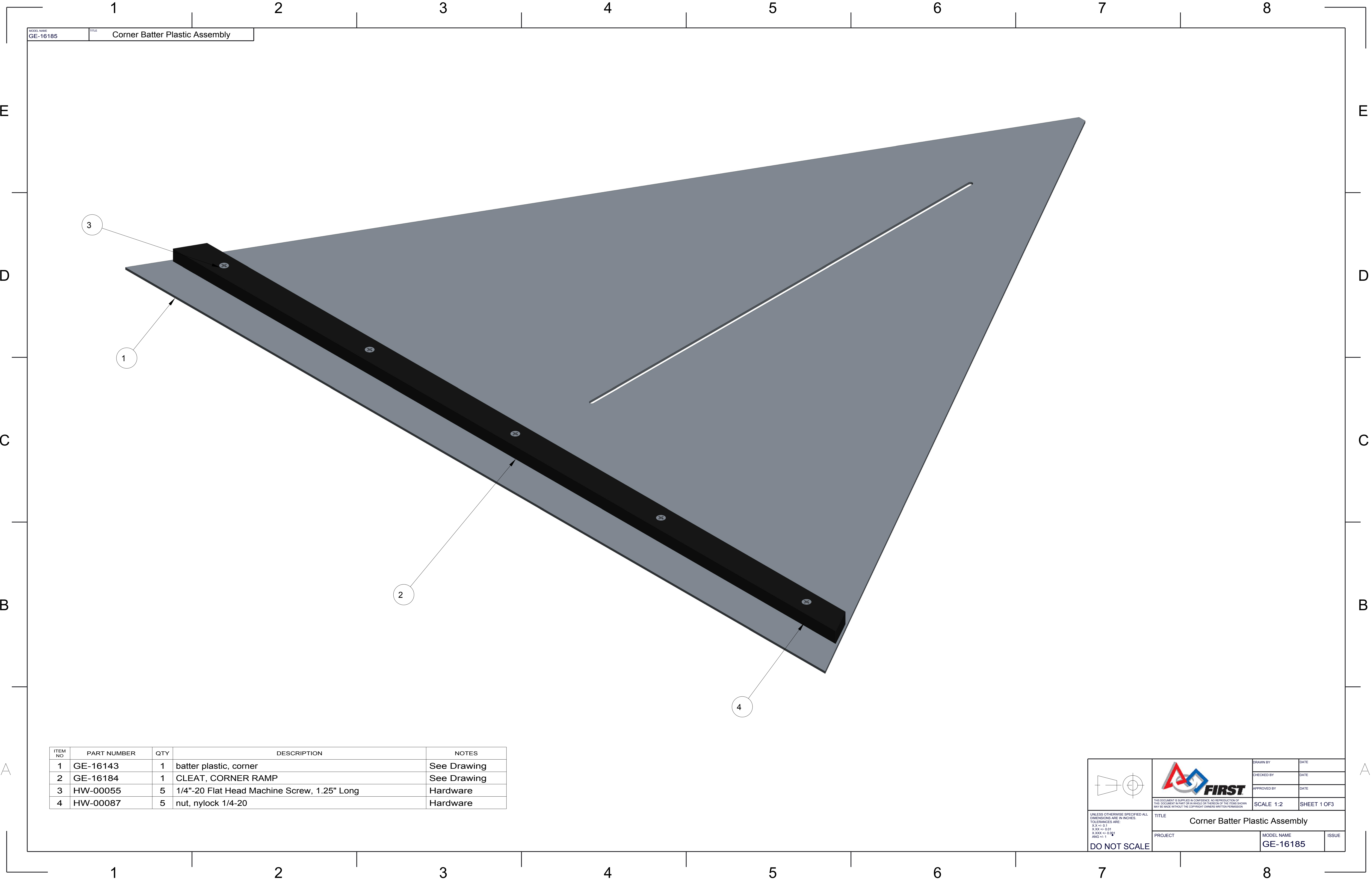
TITLE
CLEAT, CORNER RAMP

PROJECT

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

MODEL NAME
GE-16184

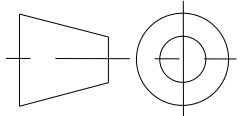
ISSUE



MODEL NAME
GE-16185


TITLE
Corner Batter Plastic Assembly

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16143	1	batter plastic, corner	See Drawing
2	GE-16184	1	CLEAT, CORNER RAMP	See Drawing
3	HW-00055	5	1/4"-20 Flat Head Machine Screw, 1.25" Long	Hardware
4	HW-00087	5	nut, nylock 1/4-20	Hardware



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

DO NOT SCALE



TITLE
Corner Batter Plastic Assembly

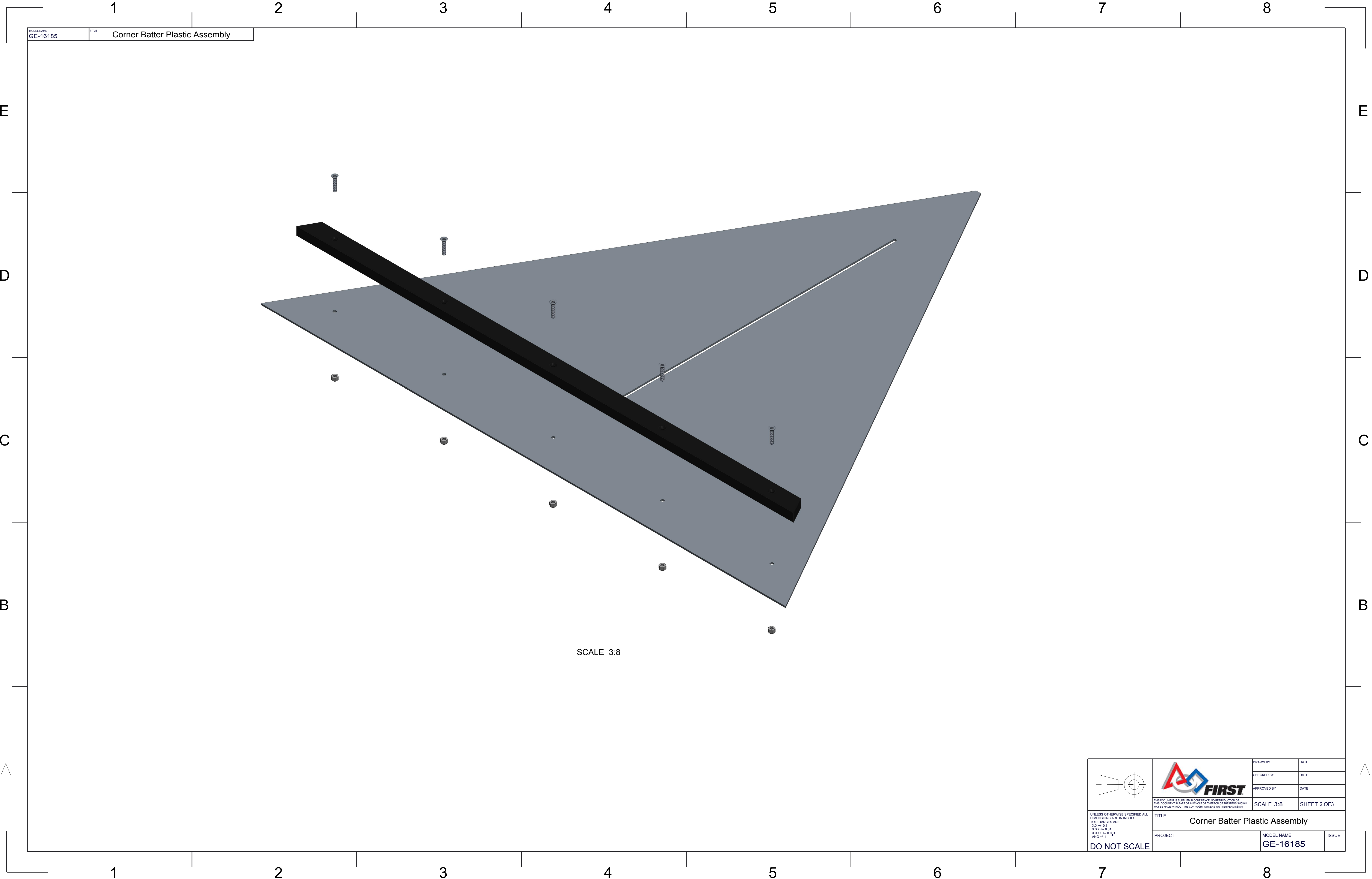
PROJECT

DRAWN BY	DATE
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APPROVED BY	DATE

SCALE 1:2

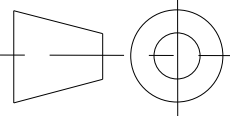

SHEET 1 OF 3

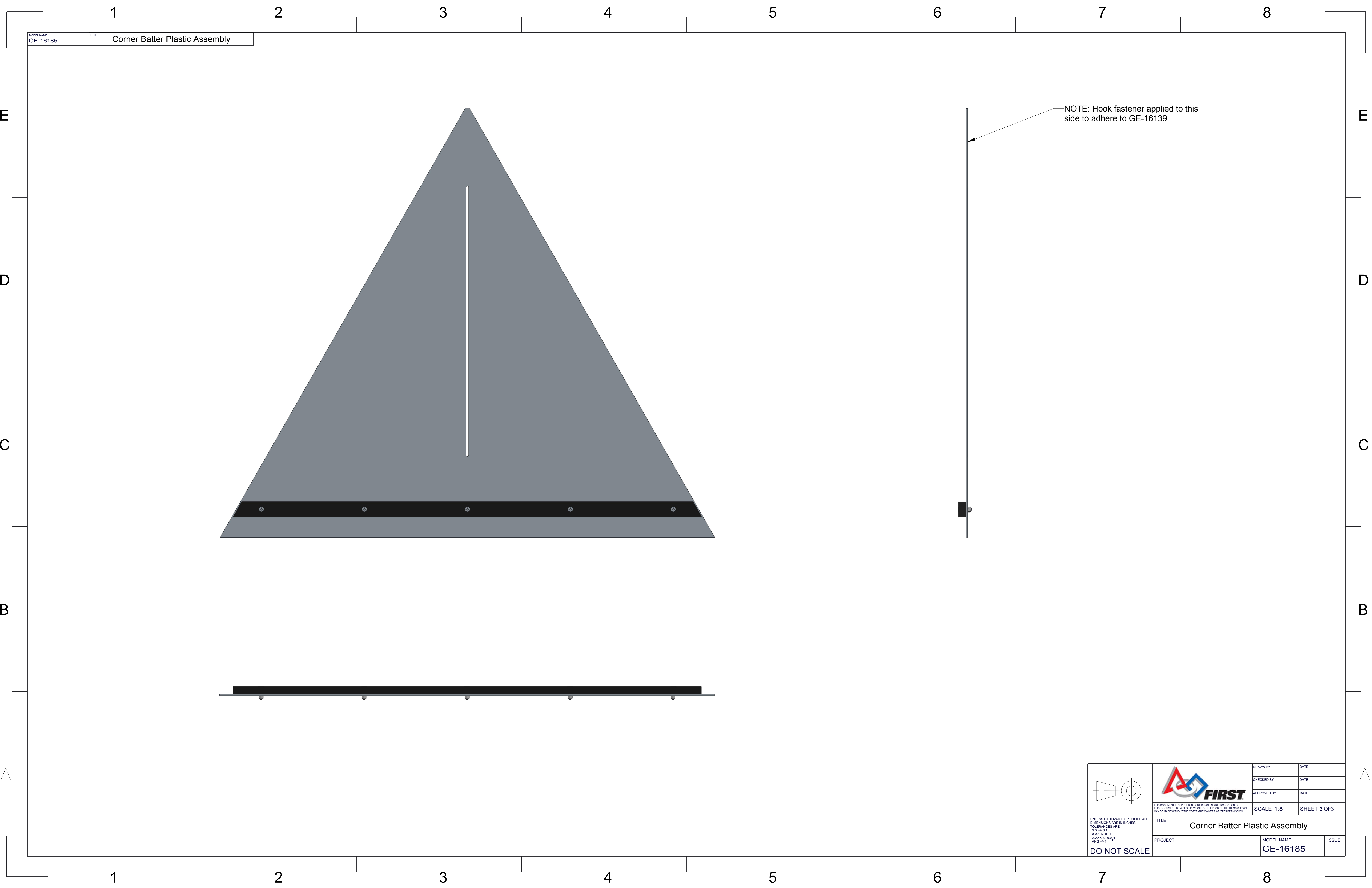
MODEL NAME GE-16185	ISSUE
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MODEL NAME GE-16185	TITLE Corner Batter Plastic Assembly
------------------------	---

SCALE 3:8


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		CHECKED BY	DATE
		APPROVED BY	DATE
		TITLE Corner Batter Plastic Assembly	
PROJECT		MODEL NAME GE-16185	ISSUE



MODEL NAME
GE-16185

TITLE
Corner Batter Plastic Assembly

NOTE: Hook fastener applied to this side to adhere to GE-16139



FIRST

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SCALE 1:8	
SHEET 3 OF 3	
TITLE Corner Batter Plastic Assembly	
PROJECT	MODEL NAME GE-16185
ISSUE	

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.

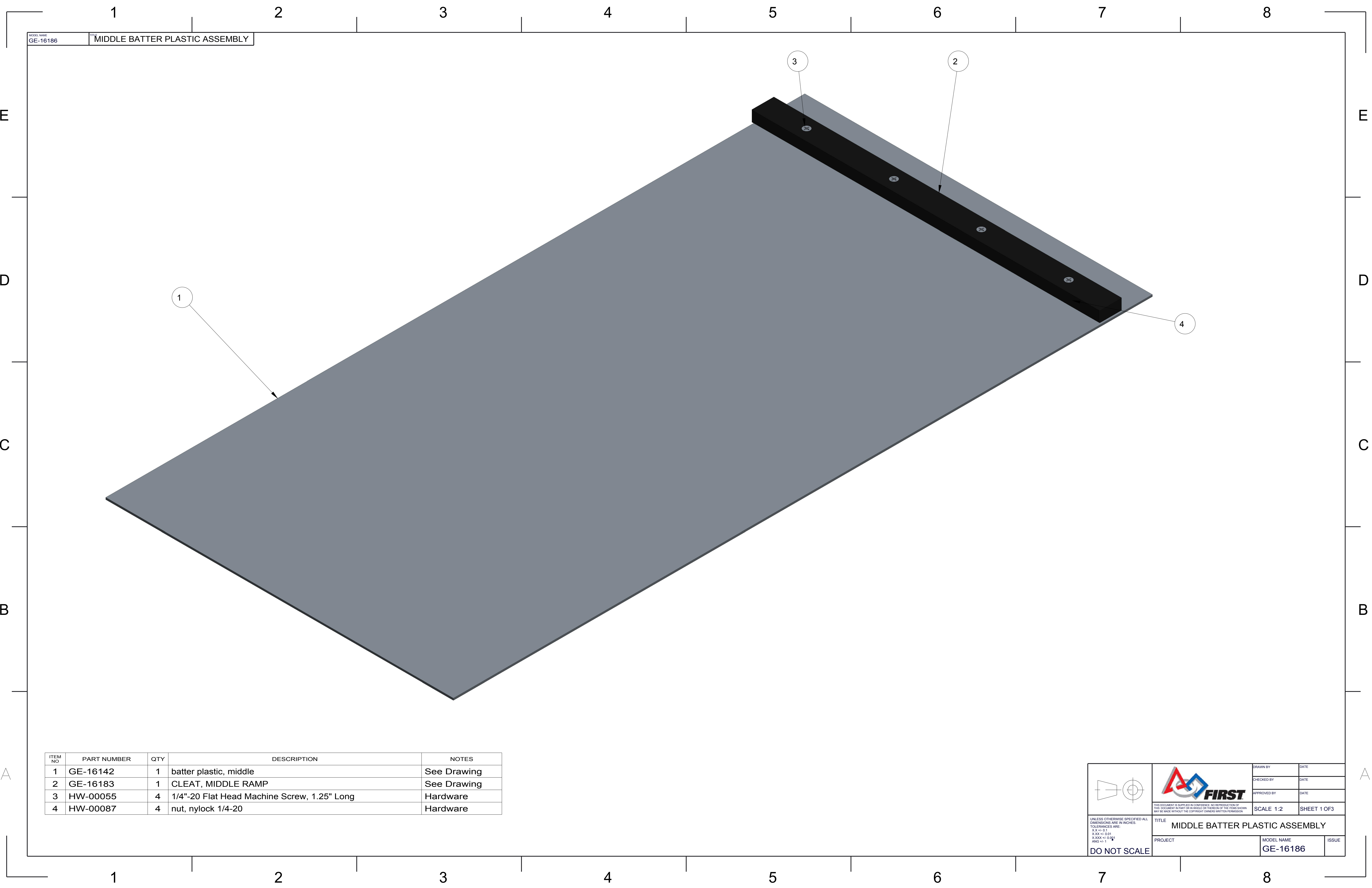
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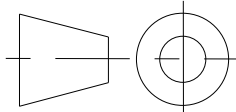
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MODEL NAME
GE-16186


TITLE
MIDDLE BATTER PLASTIC ASSEMBLY

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16142	1	batter plastic, middle	See Drawing
2	GE-16183	1	CLEAT, MIDDLE RAMP	See Drawing
3	HW-00055	4	1/4"-20 Flat Head Machine Screw, 1.25" Long	Hardware
4	HW-00087	4	nut, nylock 1/4-20	Hardware



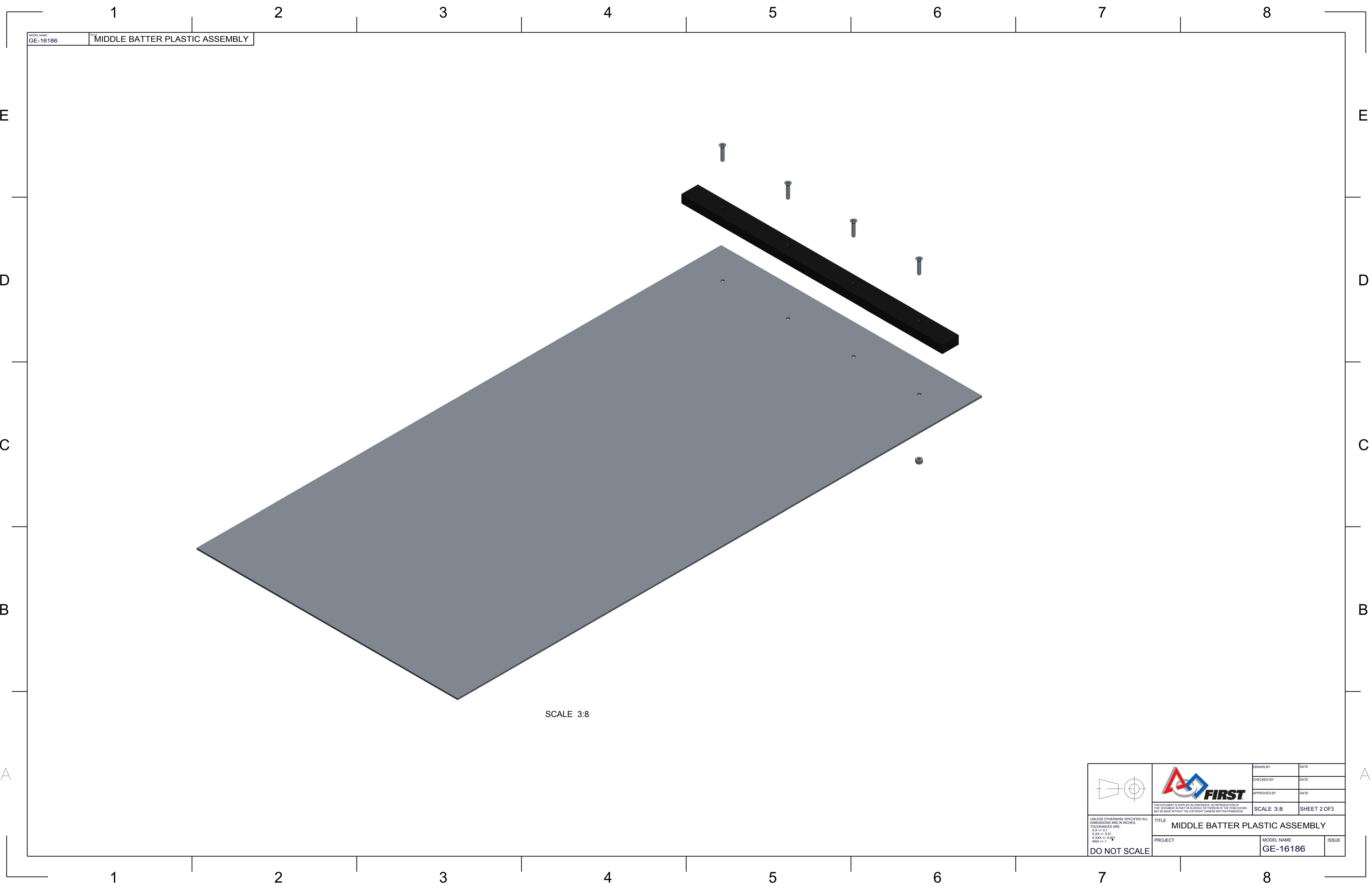
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X.XXX +/- 0.001
ANG +/- 1

DO NOT SCALE



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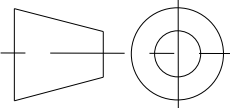

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SCALE 1:2	
SHEET 1 OF 3	
TITLE MIDDLE BATTER PLASTIC ASSEMBLY	
PROJECT	MODEL NAME GE-16186
ISSUE	

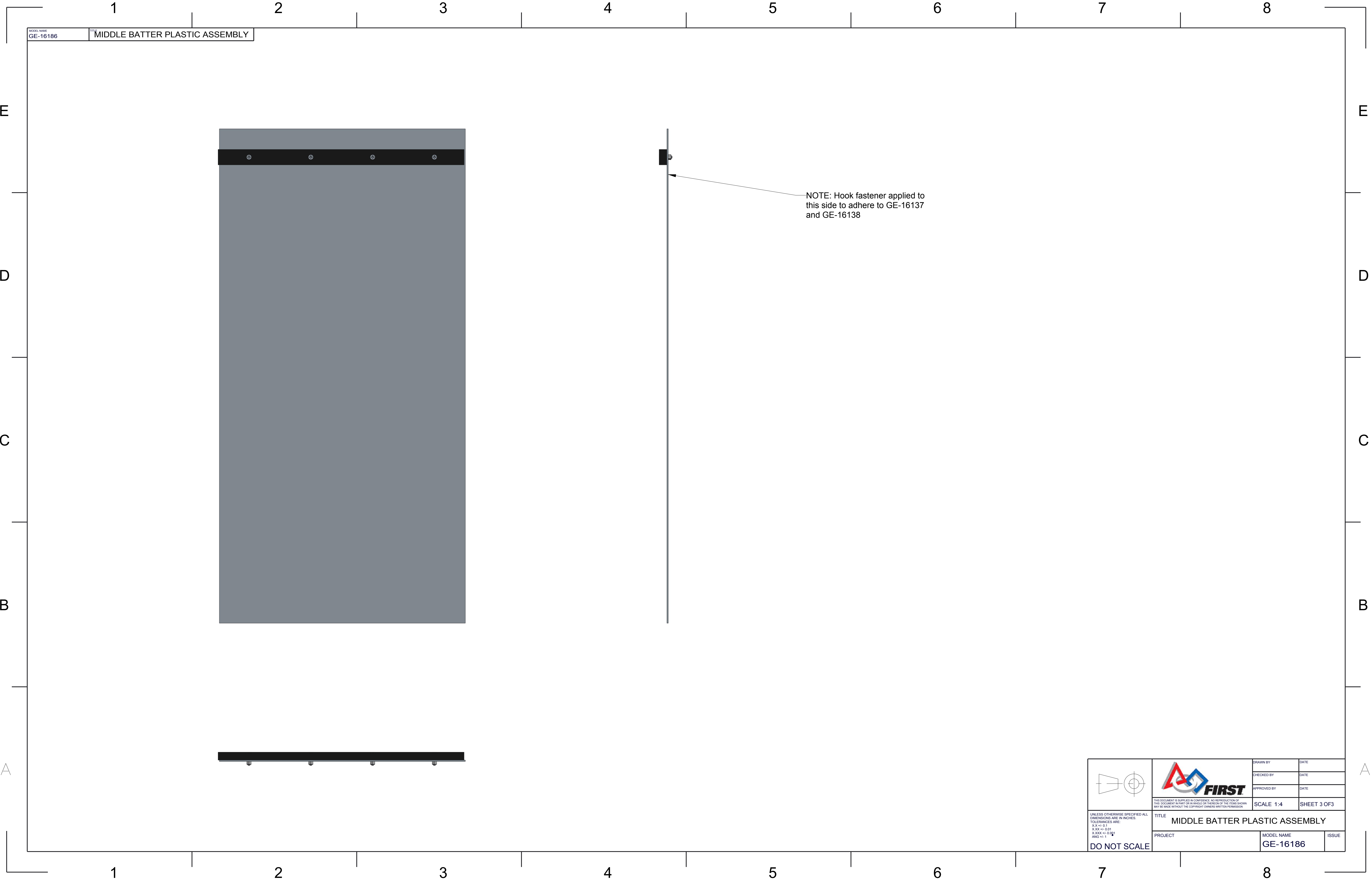


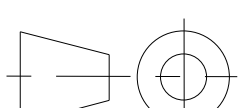

MODEL NAME
GE-16186

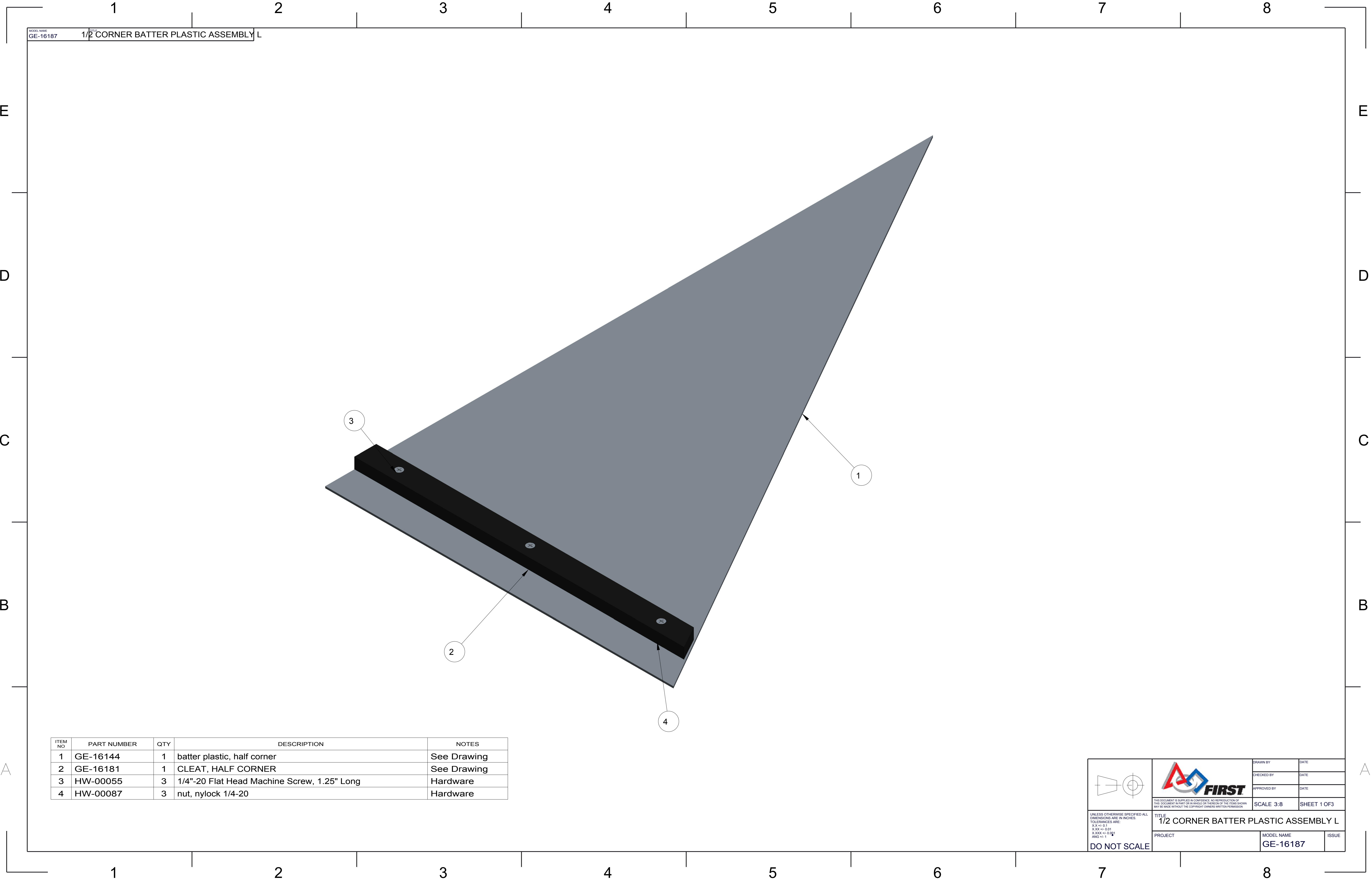
TITLE
MIDDLE BATTER PLASTIC ASSEMBLY

SCALE 3:8

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PROJECT		MODEL NAME GE-16186	ISSUE
DO NOT SCALE		SHEET 2 OF 3	



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TITLE MIDDLE BATTER PLASTIC ASSEMBLY			
PROJECT		MODEL NAME GE-16186	ISSUE

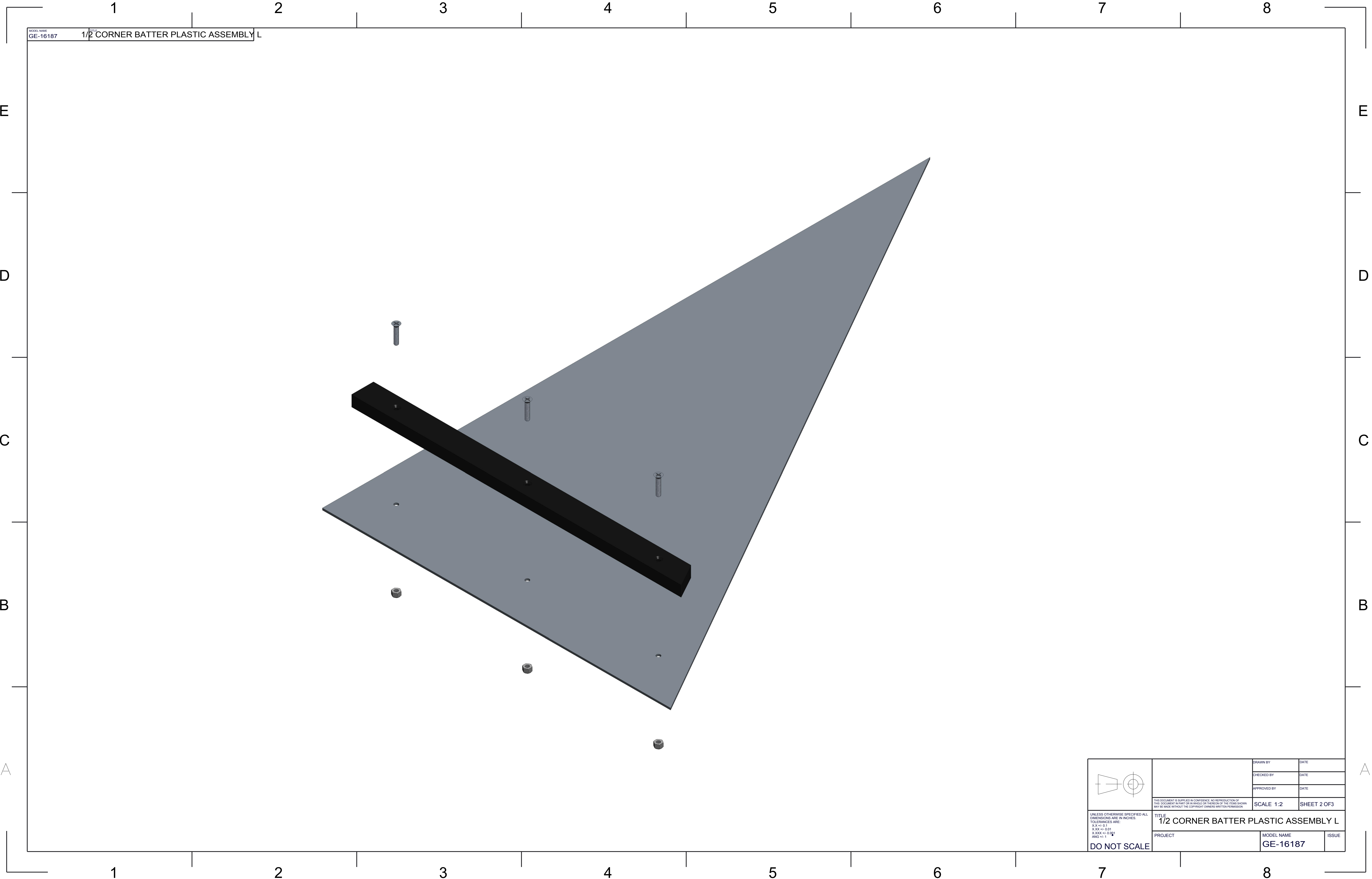


ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16144	1	batter plastic, half corner	See Drawing
2	GE-16181	1	CLEAT, HALF CORNER	See Drawing
3	HW-00055	3	1/4"-20 Flat Head Machine Screw, 1.25" Long	Hardware
4	HW-00087	3	nut, nylock 1/4-20	Hardware

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X.XX +/- 0.1
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X.XXX +/- 0.001
ANG +/- 1
DO NOT SCALE

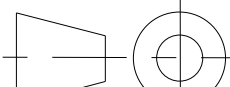
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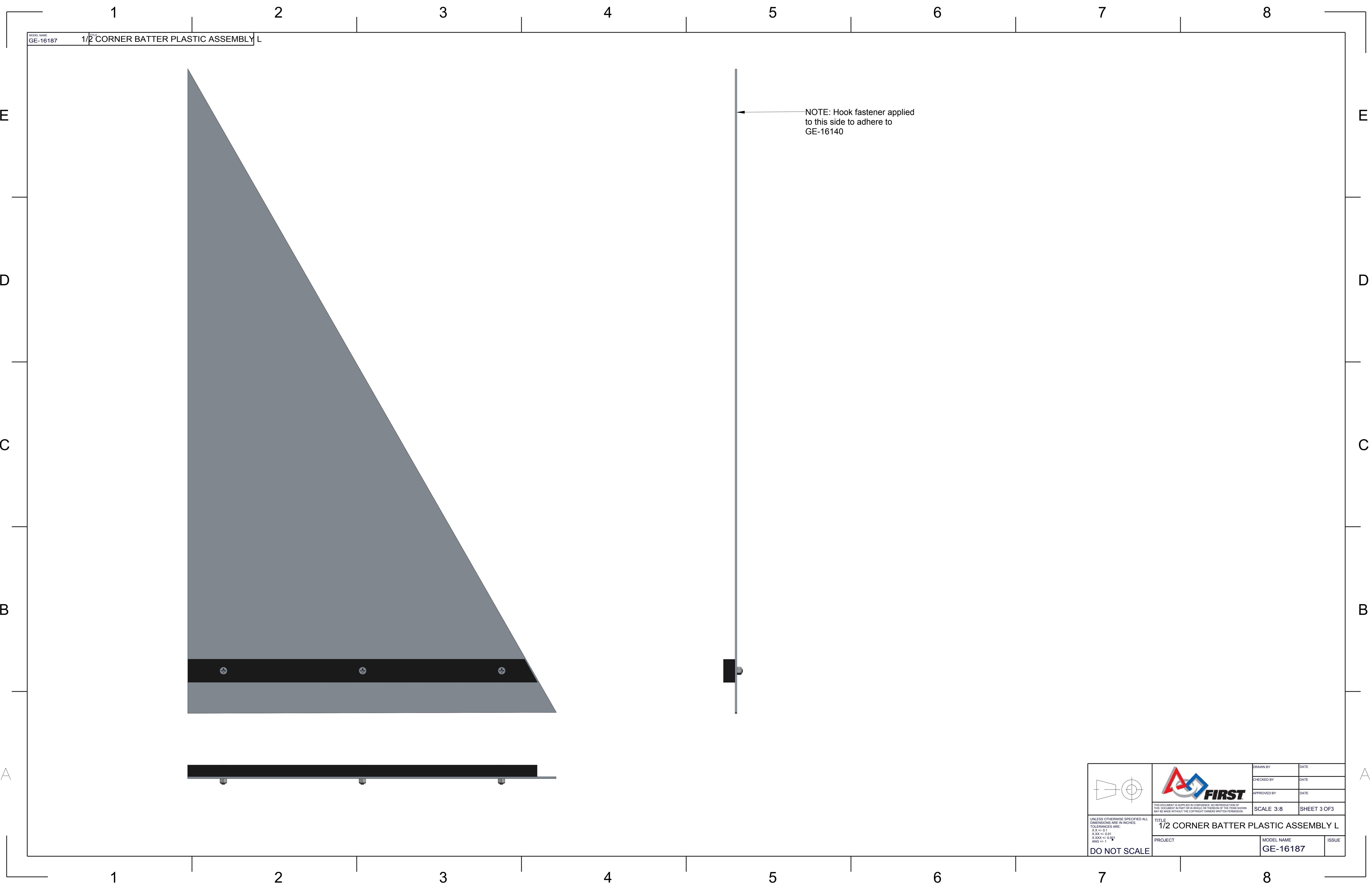
TITLE 1/2 CORNER BATTER PLASTIC ASSEMBLY L	
PROJECT	MODEL NAME GE-16187
SHEET 1 OF 3	



MODEL NAME
GE-16187

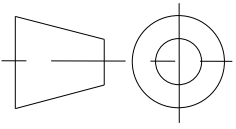

ISSUE
1/2 CORNER BATTER PLASTIC ASSEMBLY L

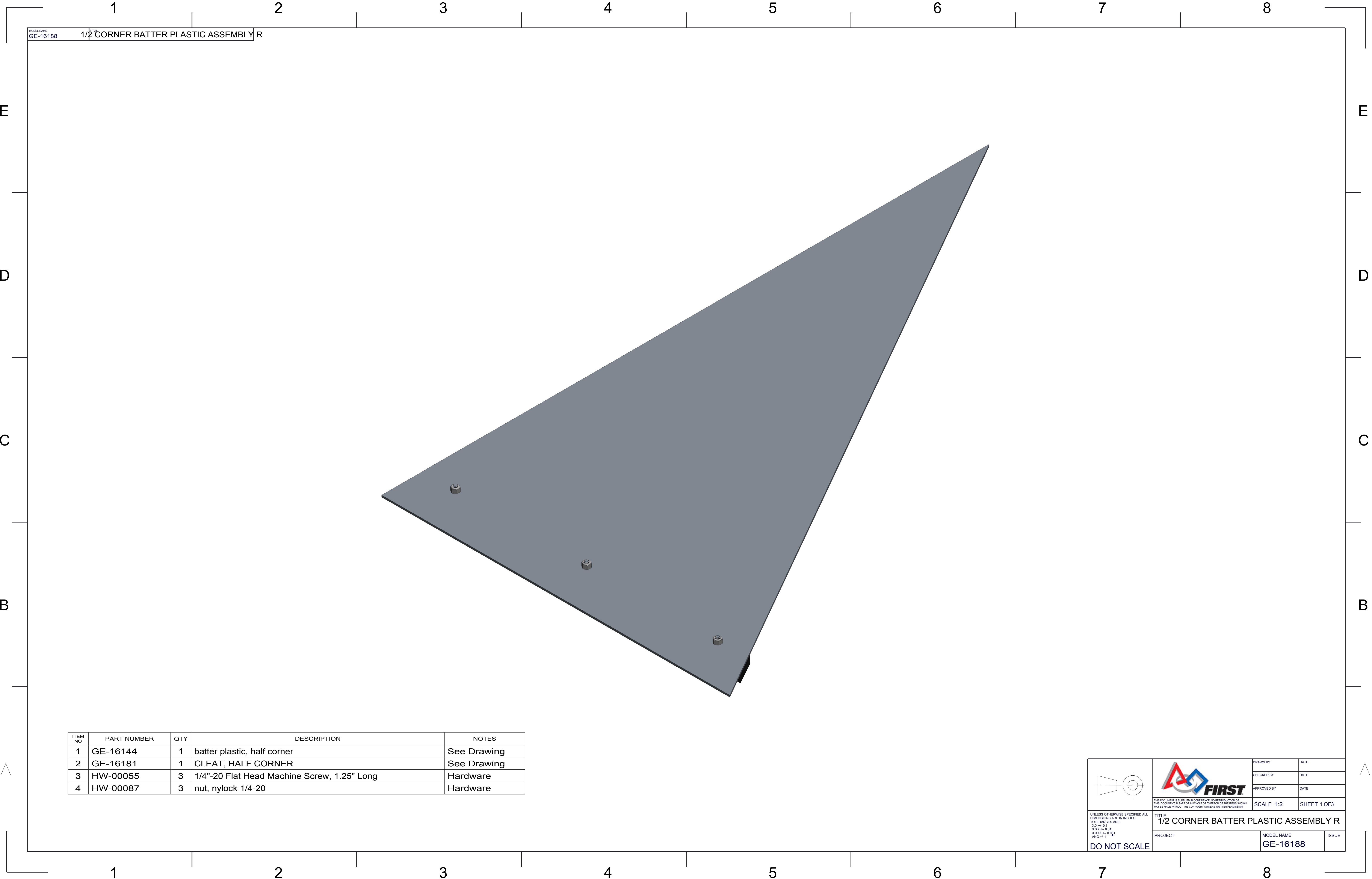
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	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1			TITLE 1/2 CORNER BATTER PLASTIC ASSEMBLY L
PROJECT		MODEL NAME GE-16187		ISSUE
DO NOT SCALE				



MODEL NAME
GE-16187

ISSUE
1/2 CORNER BATTER PLASTIC ASSEMBLY L

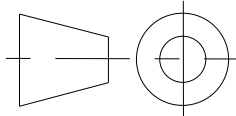
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		APPROVED BY	DATE
		SCALE 3:8 SHEET 3 OF 3	
TITLE 1/2 CORNER BATTER PLASTIC ASSEMBLY L			
PROJECT		MODEL NAME GE-16187	ISSUE



MODEL NAME
GE-16188


ISSUE
1/2 CORNER BATTER PLASTIC ASSEMBLY R

ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16144	1	batter plastic, half corner	See Drawing
2	GE-16181	1	CLEAT, HALF CORNER	See Drawing
3	HW-00055	3	1/4"-20 Flat Head Machine Screw, 1.25" Long	Hardware
4	HW-00087	3	nut, nylock 1/4-20	Hardware



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X.XX +/- 0.1
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ANG +/- 1

DO NOT SCALE

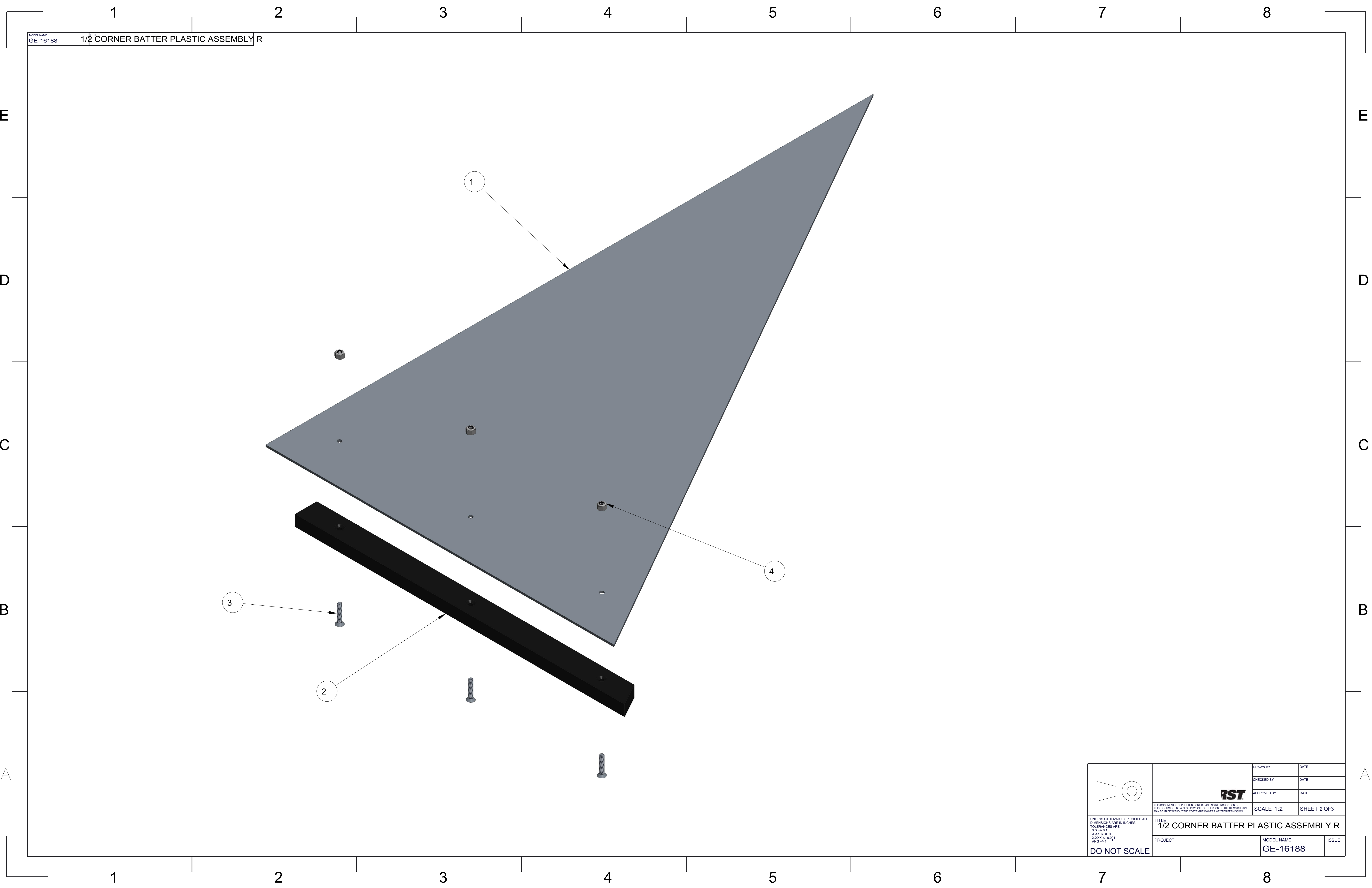


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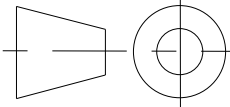
TITLE
1/2 CORNER BATTER PLASTIC ASSEMBLY R

PROJECT	MODEL NAME GE-16188	ISSUE
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APPROVED BY	DATE
SCALE 1:2	SHEET 1 OF 3




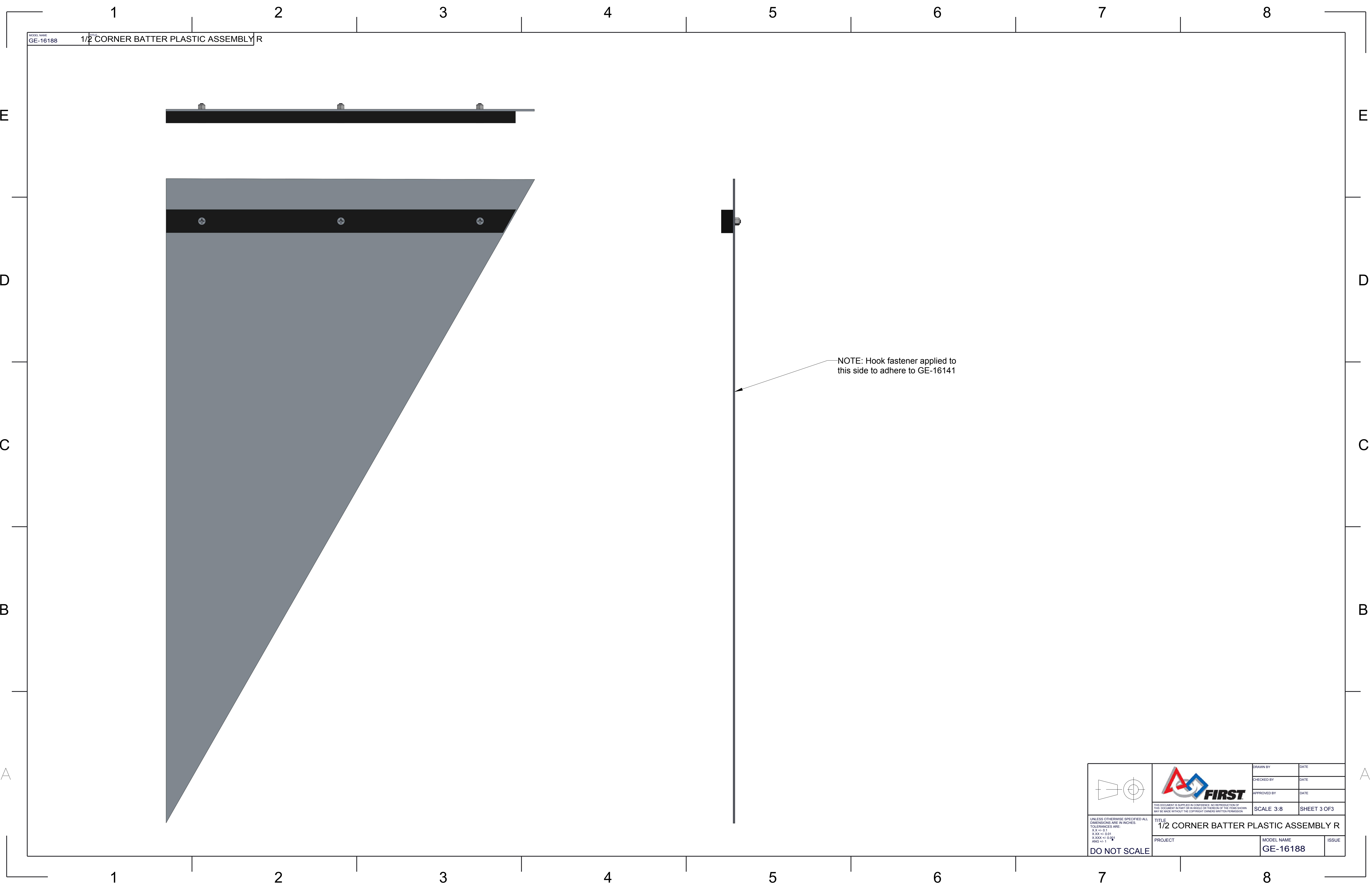
MODEL NAME: GE-16188
ISSUE: 1/2 CORNER BATTER PLASTIC ASSEMBLY R



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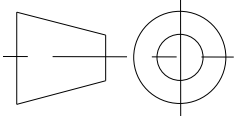

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TITLE 1/2 CORNER BATTER PLASTIC ASSEMBLY R		SCALE 1:2	SHEET 2 OF 3
PROJECT		MODEL NAME GE-16188	ISSUE



MODEL NAME
GE-16188

ISSUE
1/2 CORNER BATTER PLASTIC ASSEMBLY R

NOTE: Hook fastener applied to
this side to adhere to GE-16141

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PROJECT		MODEL NAME GE-16188	ISSUE
DO NOT SCALE		SCALE 3:8 SHEET 3 OF 3	

D

D

C

C

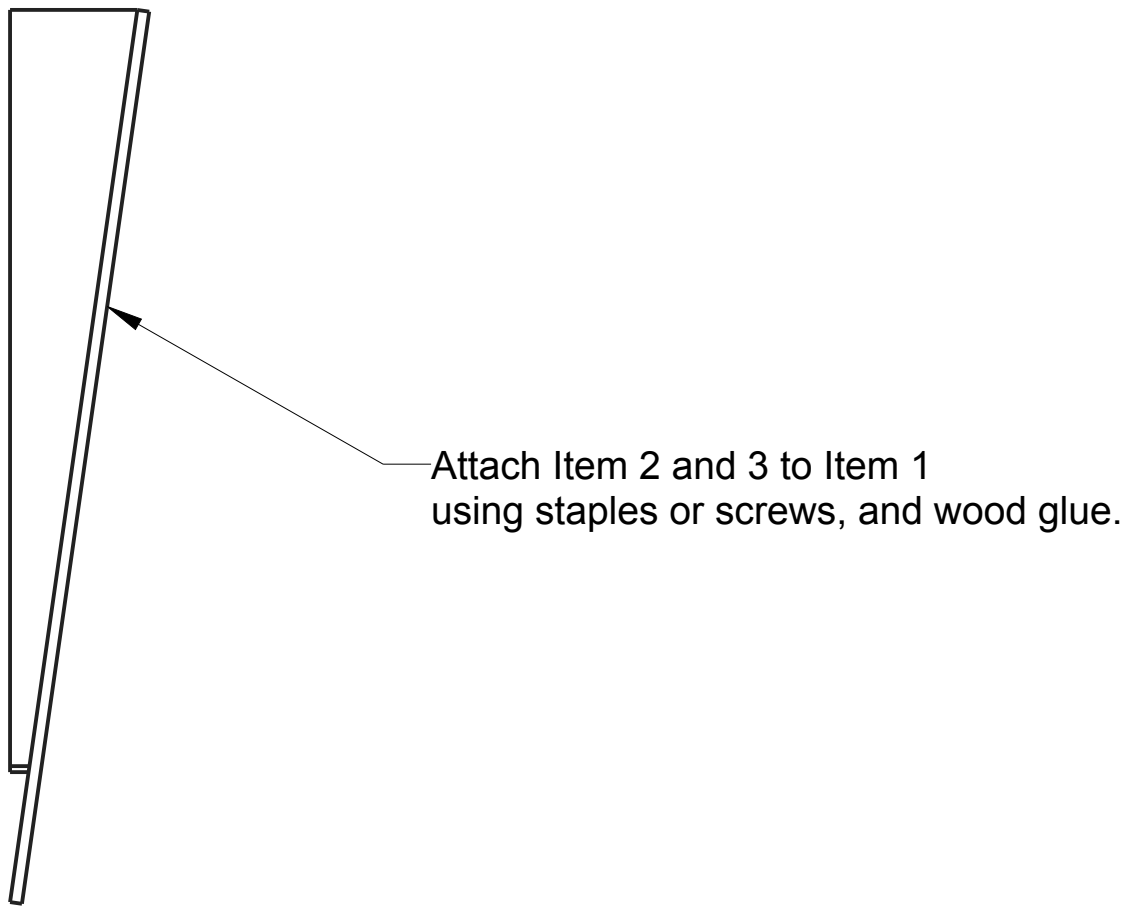
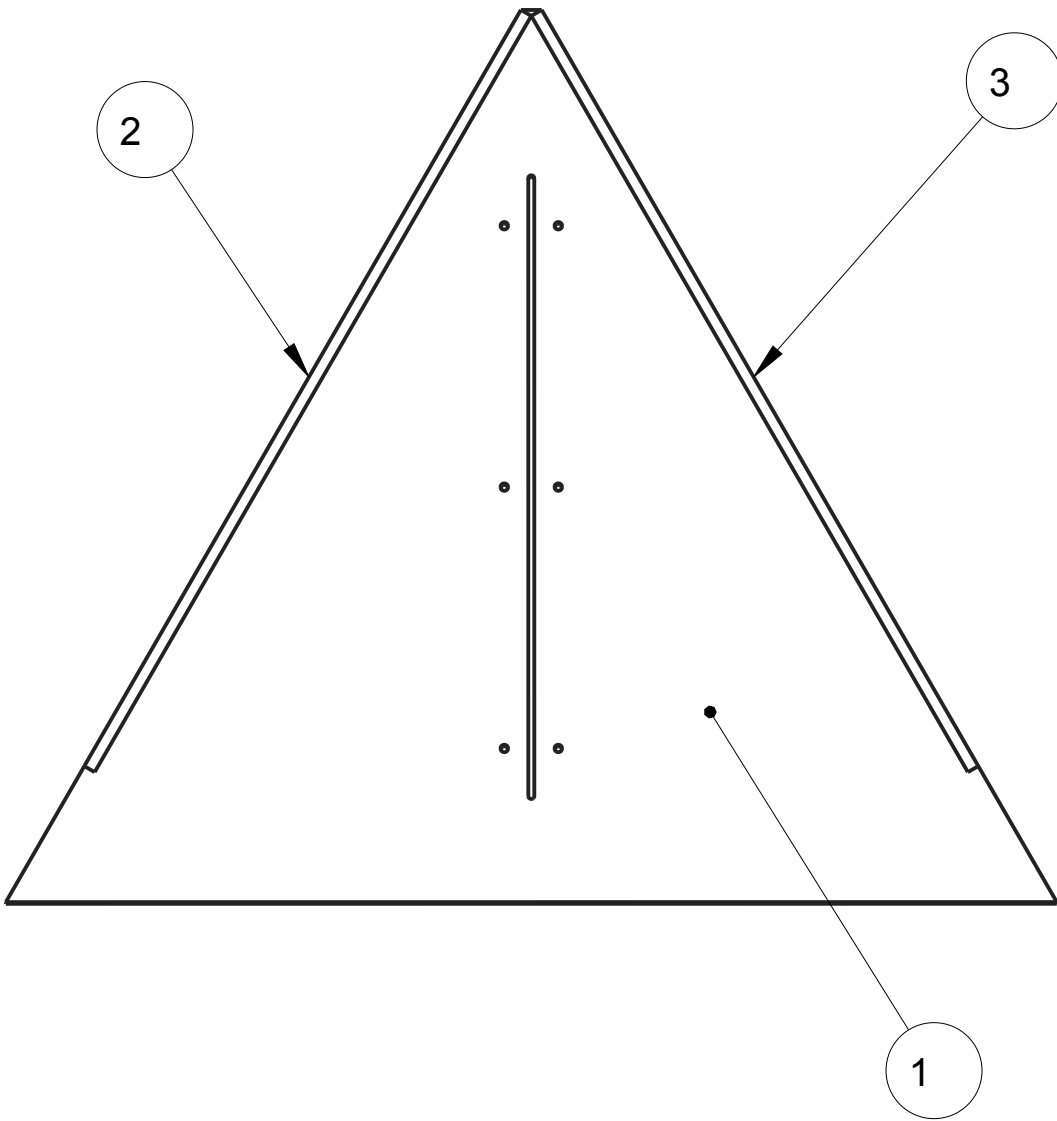
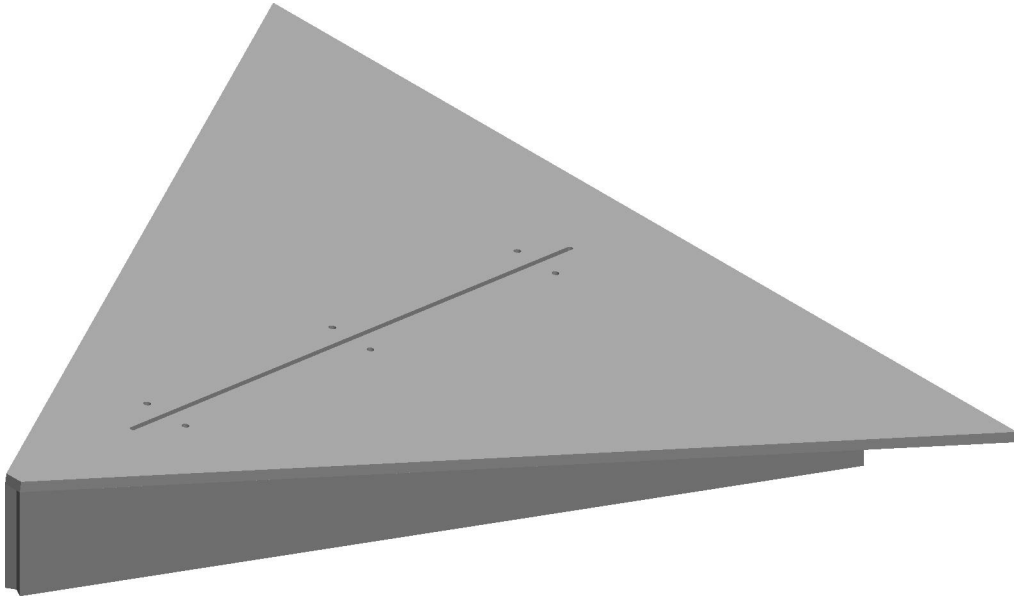
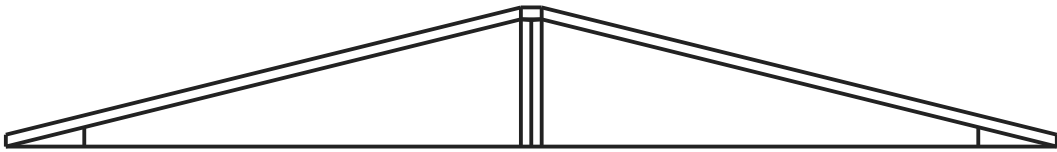
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B

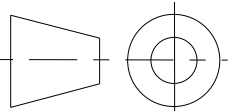

A

A

MODEL NAME	TITLE
GE-16189	BATTER RAMP, CORNER



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16189-01	1	RAMP	1/2" Plywood
2	GE-16189-02	1	SIDE 1	1/2" Plywood
3	GE-16189-03	1	SIDE 2	1/2" Plywood

		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:8	SHEET 1 OF 3
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1		TITLE BATTER RAMP, CORNER	
DO NOT SCALE		PROJECT	MODEL NAME GE-16189
			ISSUE

D

C

B

A

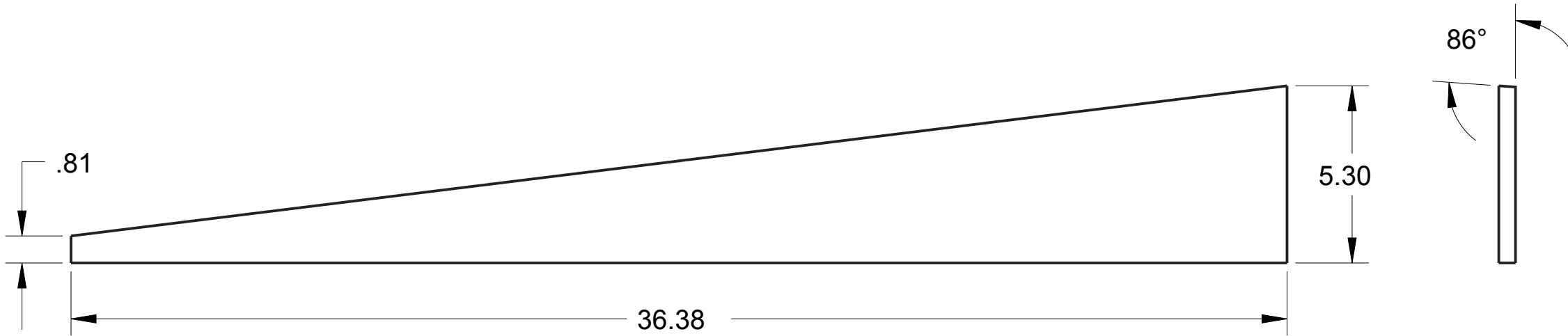
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C

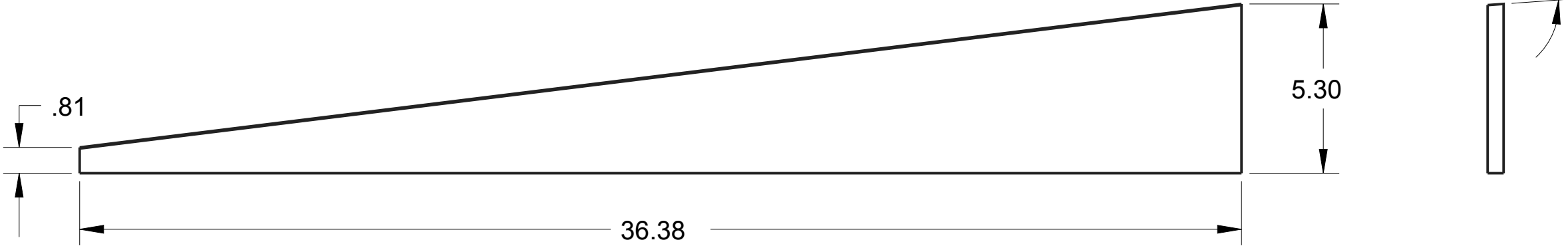
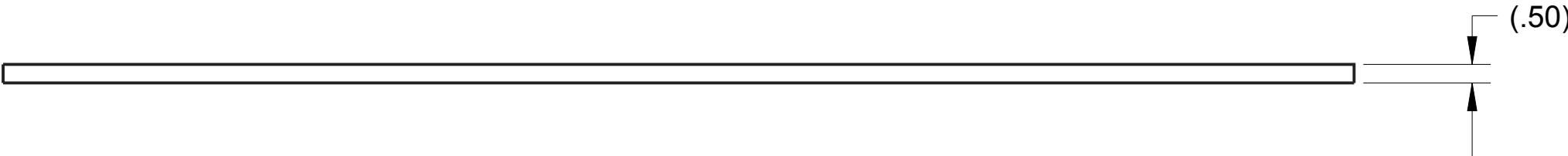
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A

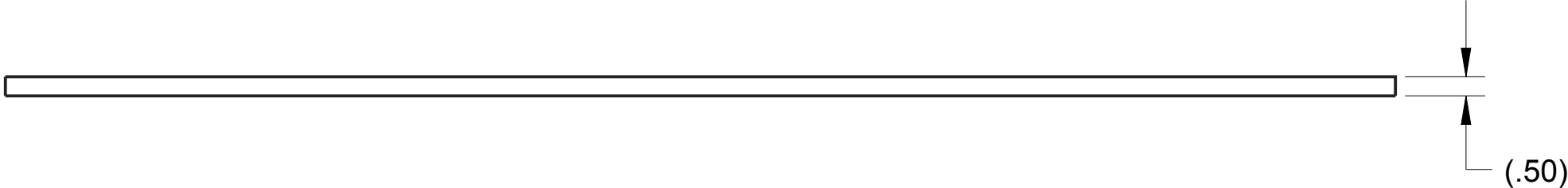
MODEL NAME	TITLE
GE-16189	BATTER RAMP, CORNER




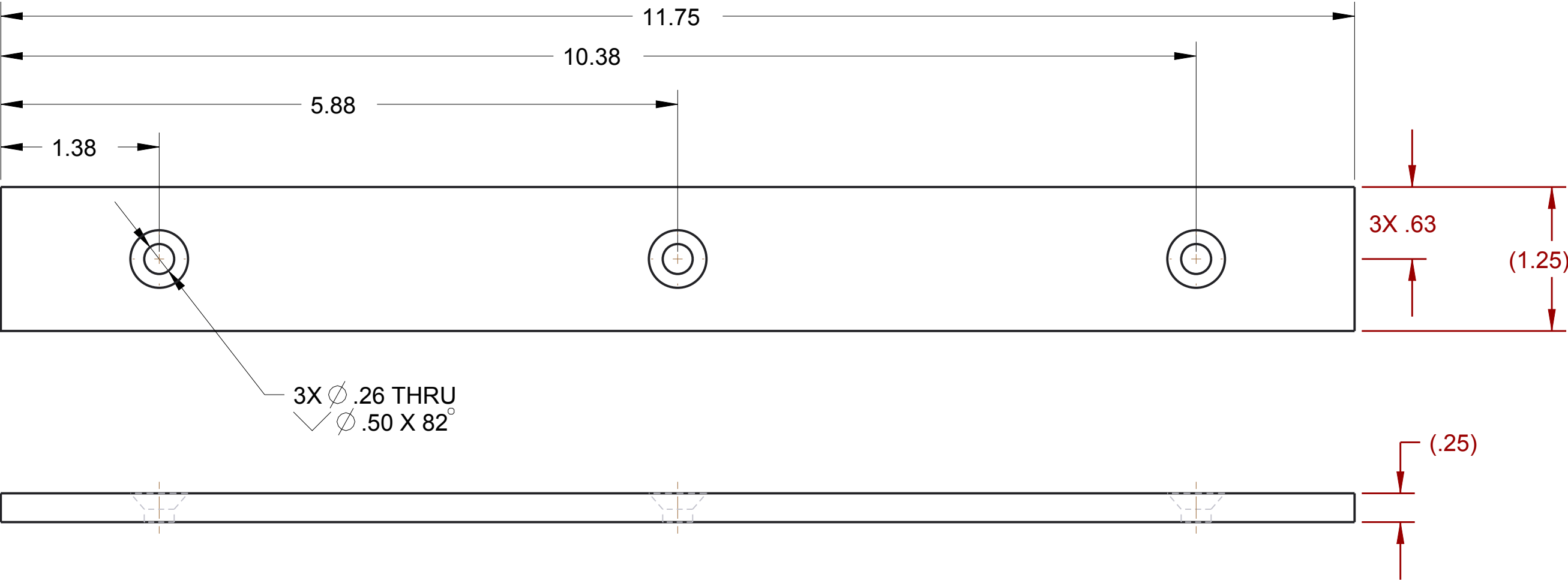
NOTES:
1. ITEM: GE-16189-02
2. MATERIAL: 1/2" THICK PLYWOOD.
3. QTY: 1



NOTES:
1. ITEM: GE-16189-03
2. MATERIAL: 1/2" THICK PLYWOOD.
3. QTY: 1

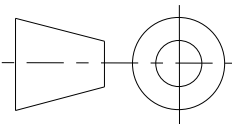



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	SCALE 1:8	SHEET 3 OF3
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	PROJECT	MODEL NAME GE-16189
	DO NOT SCALE	ISSUE

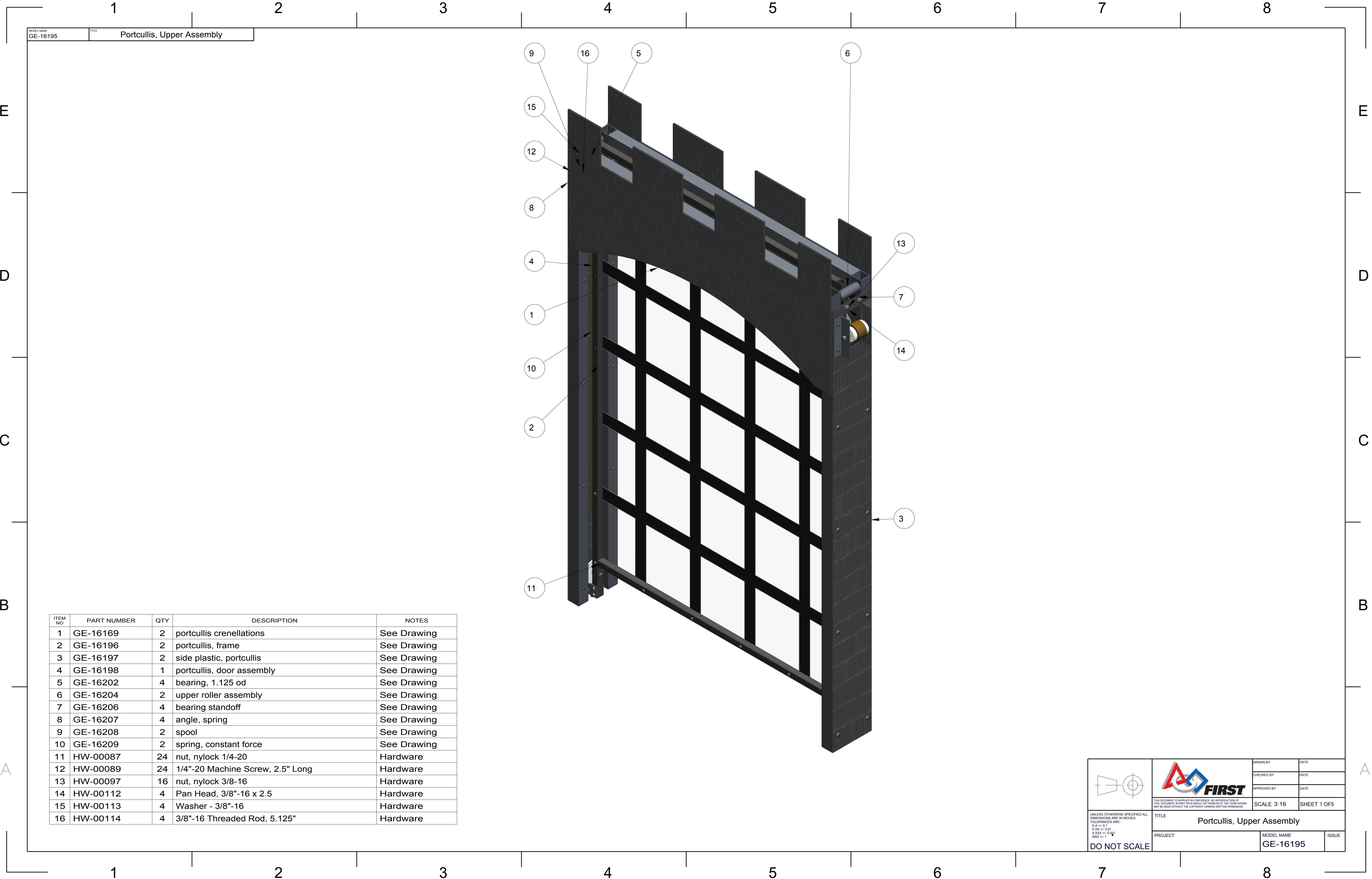


NOTE


Material: 1018 Cold Rolled Steel Rectangle, .25" x 1.25"
Scale: 1:1
Remove all sharp edges and burrs

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°	TITLE Ballast, CDF Platform		
	PROJECT	MODEL NAME GE-16190	ISSUE
DO NOT SCALE			

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TOLERANCES ARE:
X.X +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- .1°
DO NOT SCALE



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16169	2	portcullis crenellations	See Drawing
2	GE-16196	2	portcullis, frame	See Drawing
3	GE-16197	2	side plastic, portcullis	See Drawing
4	GE-16198	1	portcullis, door assembly	See Drawing
5	GE-16202	4	bearing, 1.125 od	See Drawing
6	GE-16204	2	upper roller assembly	See Drawing
7	GE-16206	4	bearing standoff	See Drawing
8	GE-16207	4	angle, spring	See Drawing
9	GE-16208	2	spool	See Drawing
10	GE-16209	2	spring, constant force	See Drawing
11	HW-00087	24	nut, nylock 1/4-20	Hardware
12	HW-00089	24	1/4"-20 Machine Screw, 2.5" Long	Hardware
13	HW-00097	16	nut, nylock 3/8-16	Hardware
14	HW-00112	4	Pan Head, 3/8"-16 x 2.5	Hardware
15	HW-00113	4	Washer - 3/8"-16	Hardware
16	HW-00114	4	3/8"-16 Threaded Rod, 5.125"	Hardware



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DATE

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XXX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1

DO NOT SCALE

TITLE

PROJECT

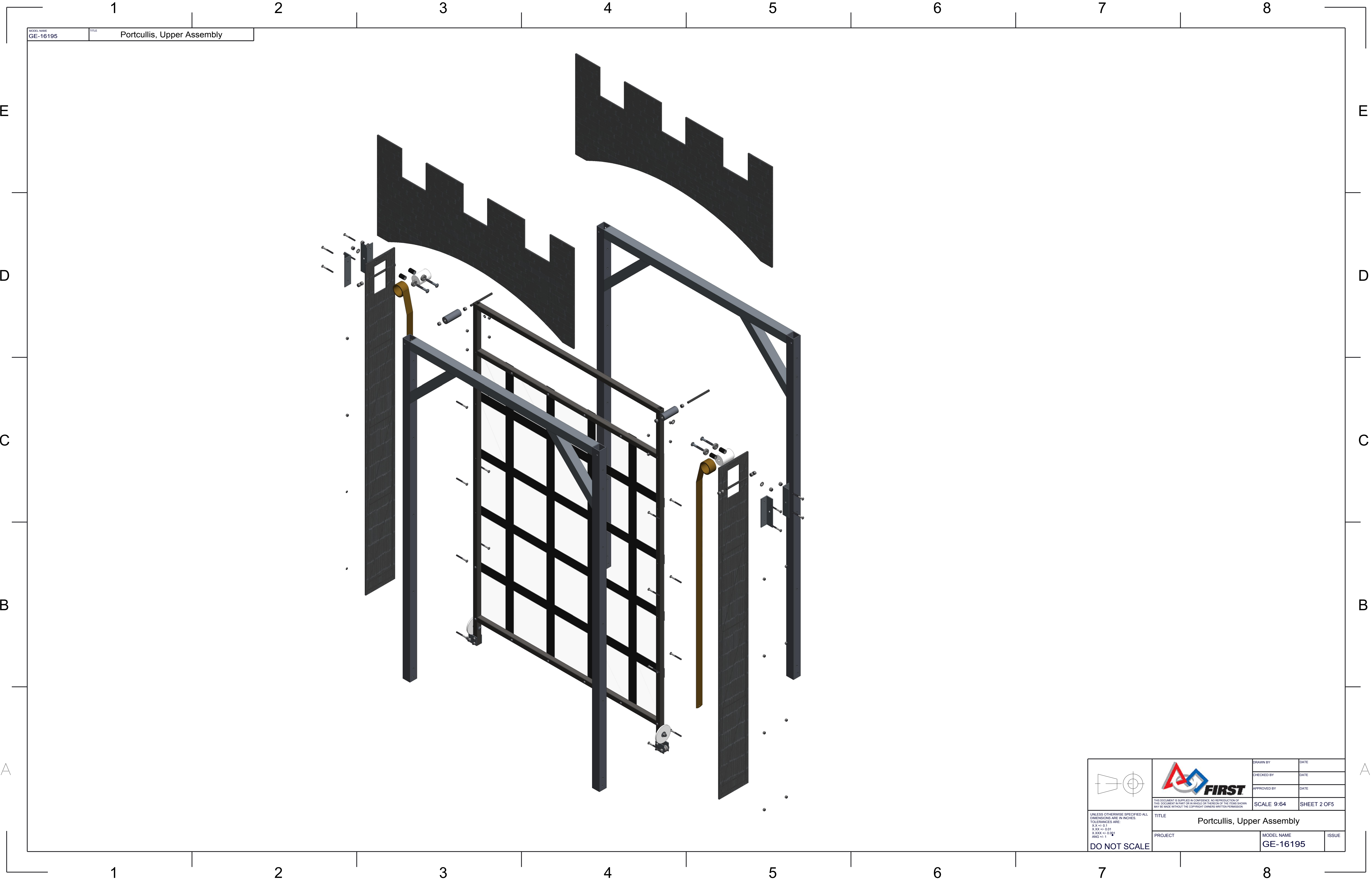
Portcullis, Upper Assembly

GE-16195

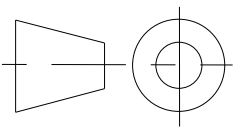

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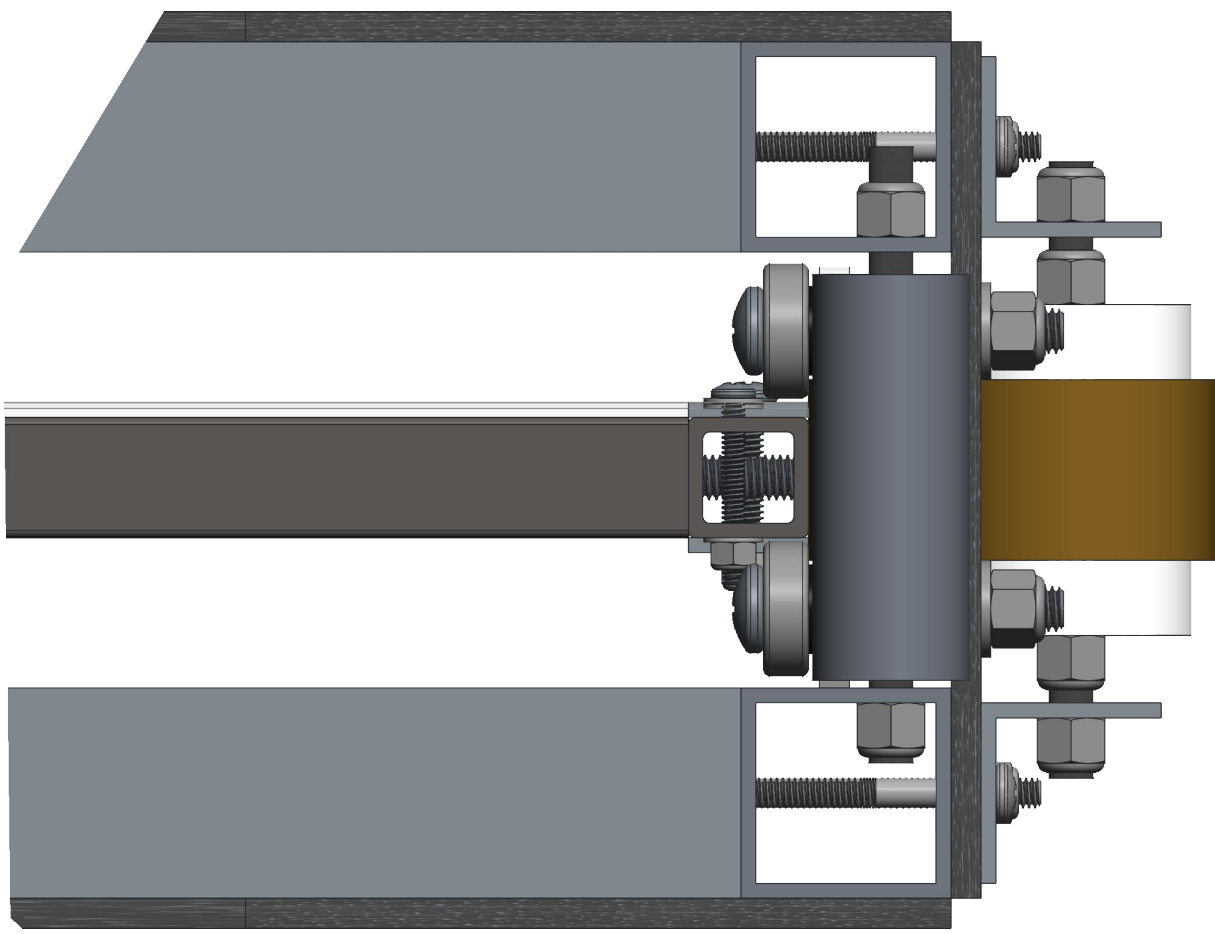
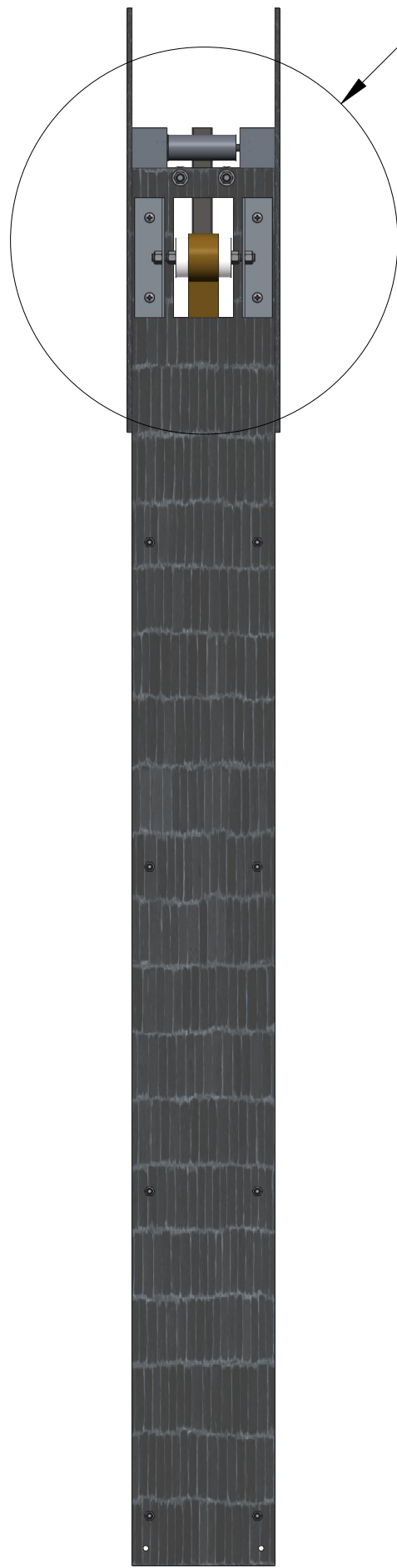
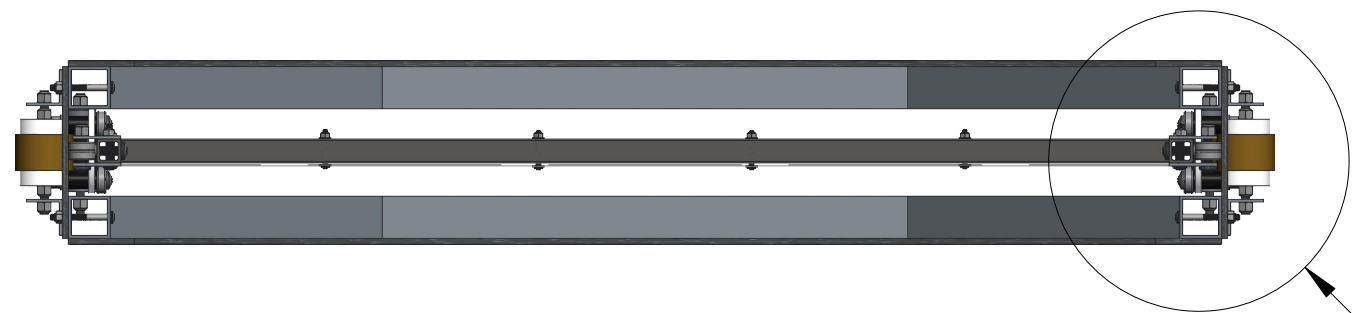
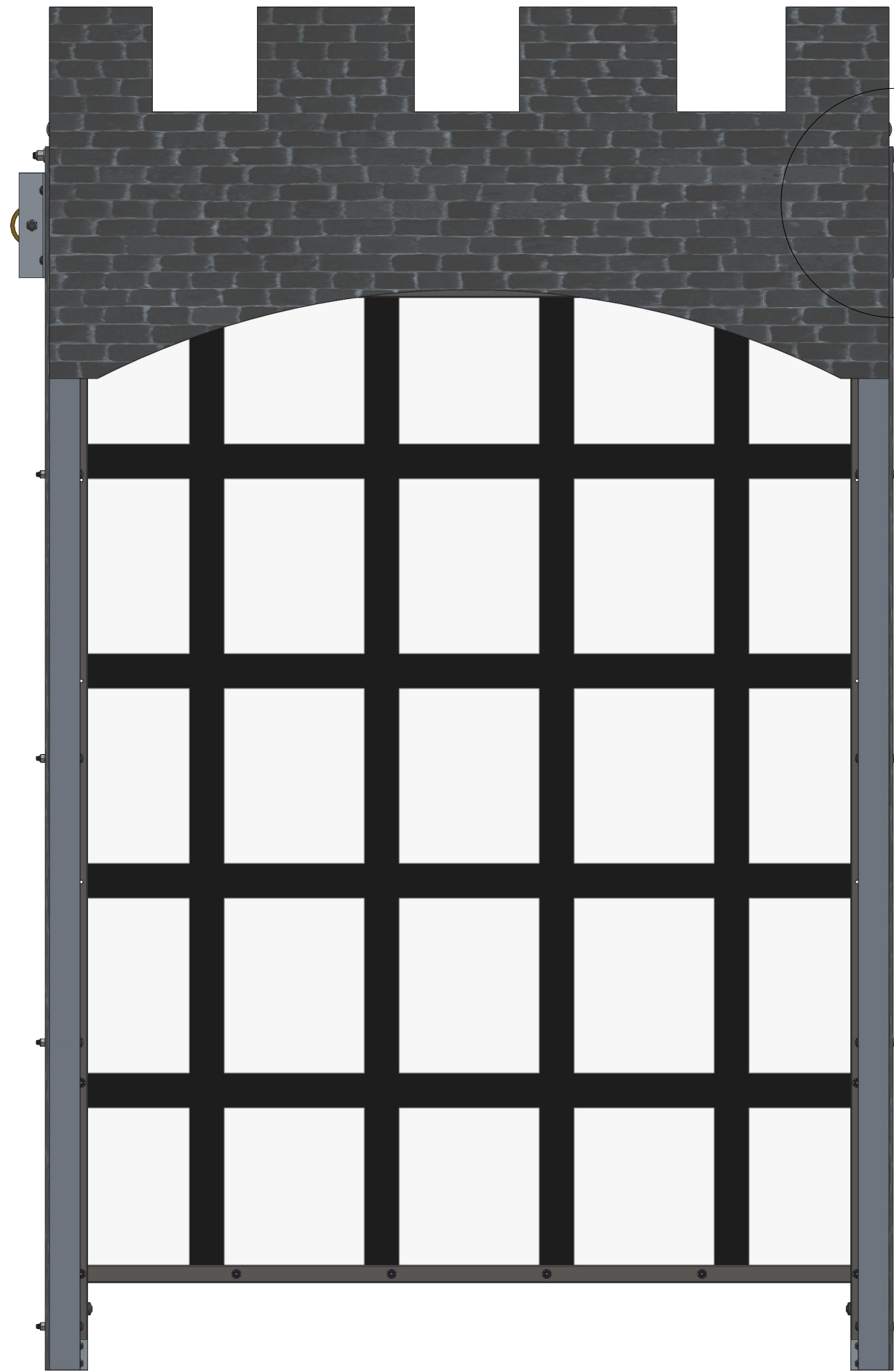
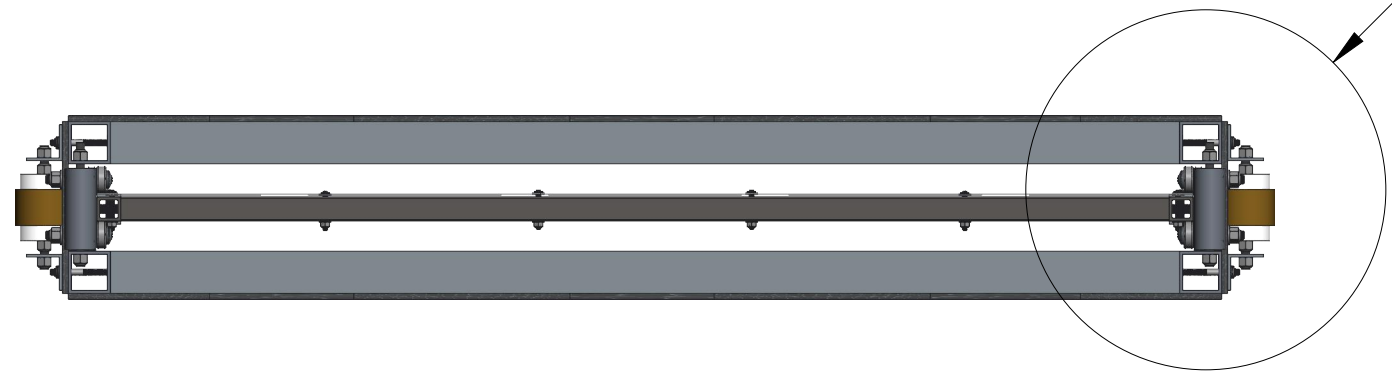
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ISSUE

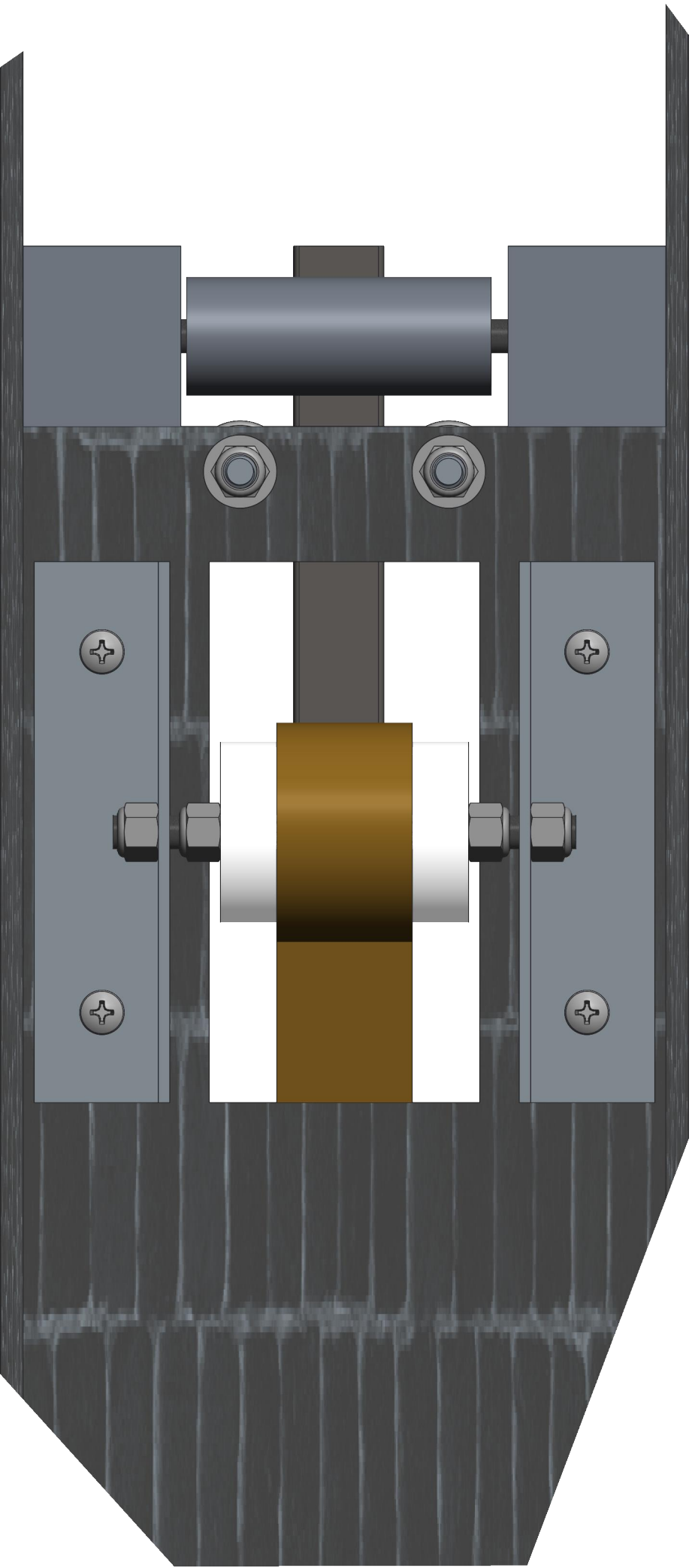


MODEL NAME GE-16195	TITLE Portcullis, Upper Assembly
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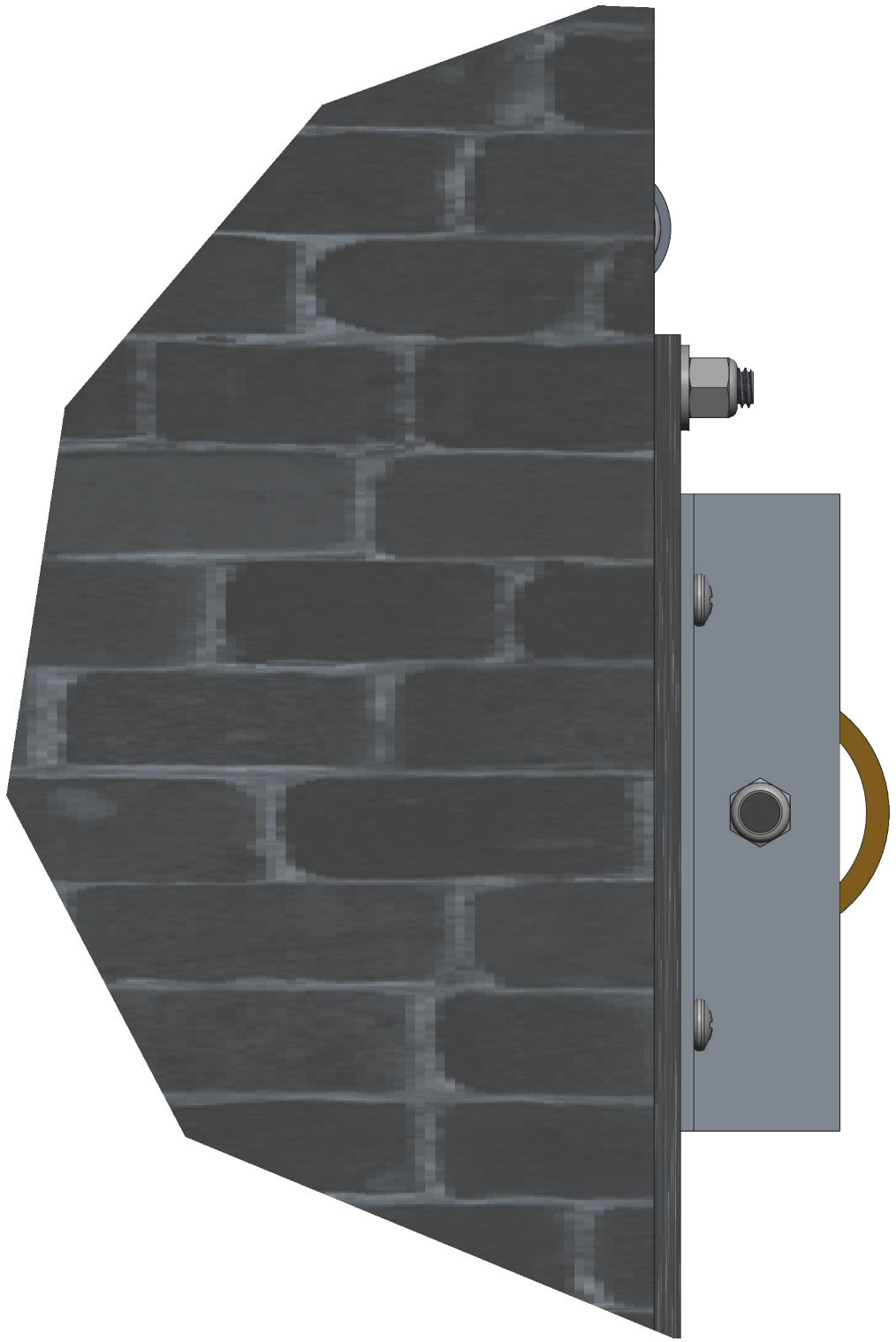
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TITLE Portcullis, Upper Assembly			
PROJECT		MODEL NAME GE-16195	ISSUE
DO NOT SCALE			



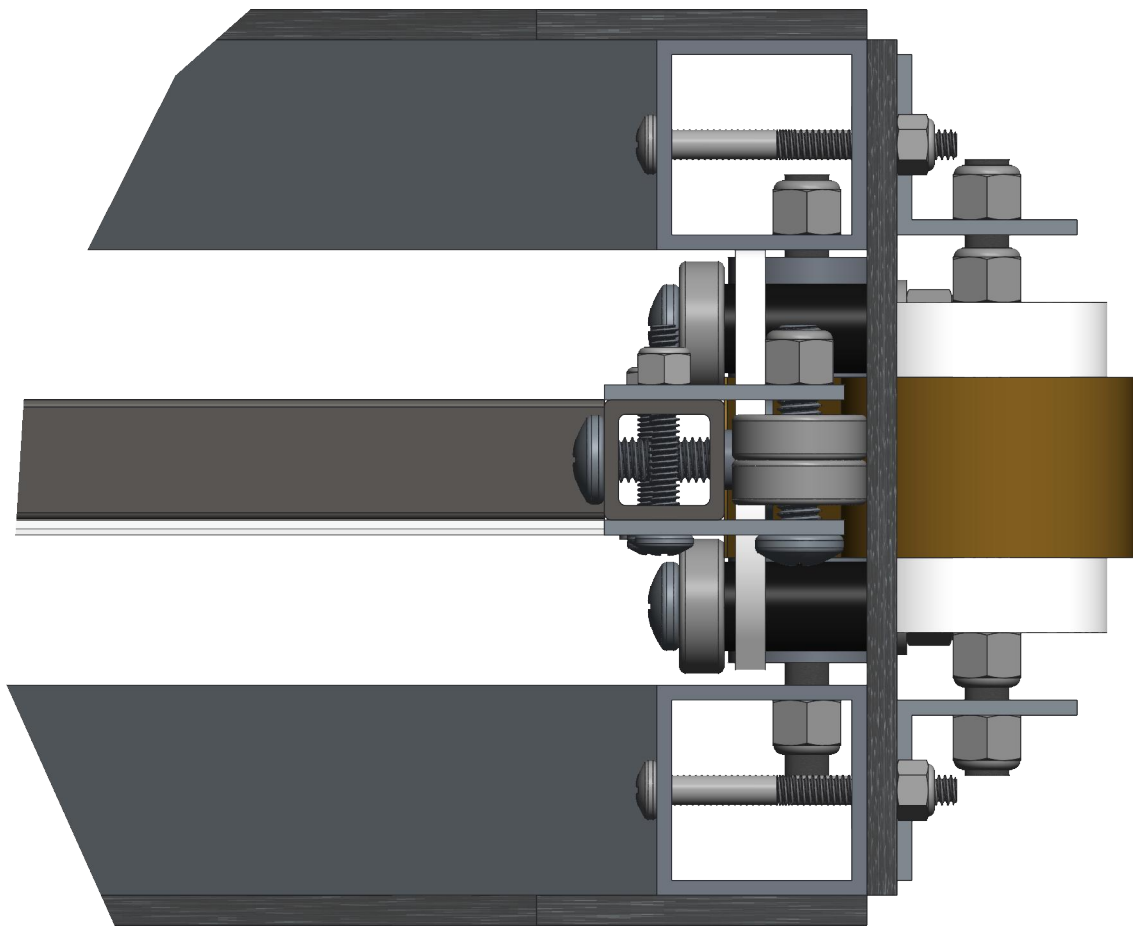
DETAIL A
SCALE 5:8
TOP





DETAIL C
SCALE 5:8
SIDE

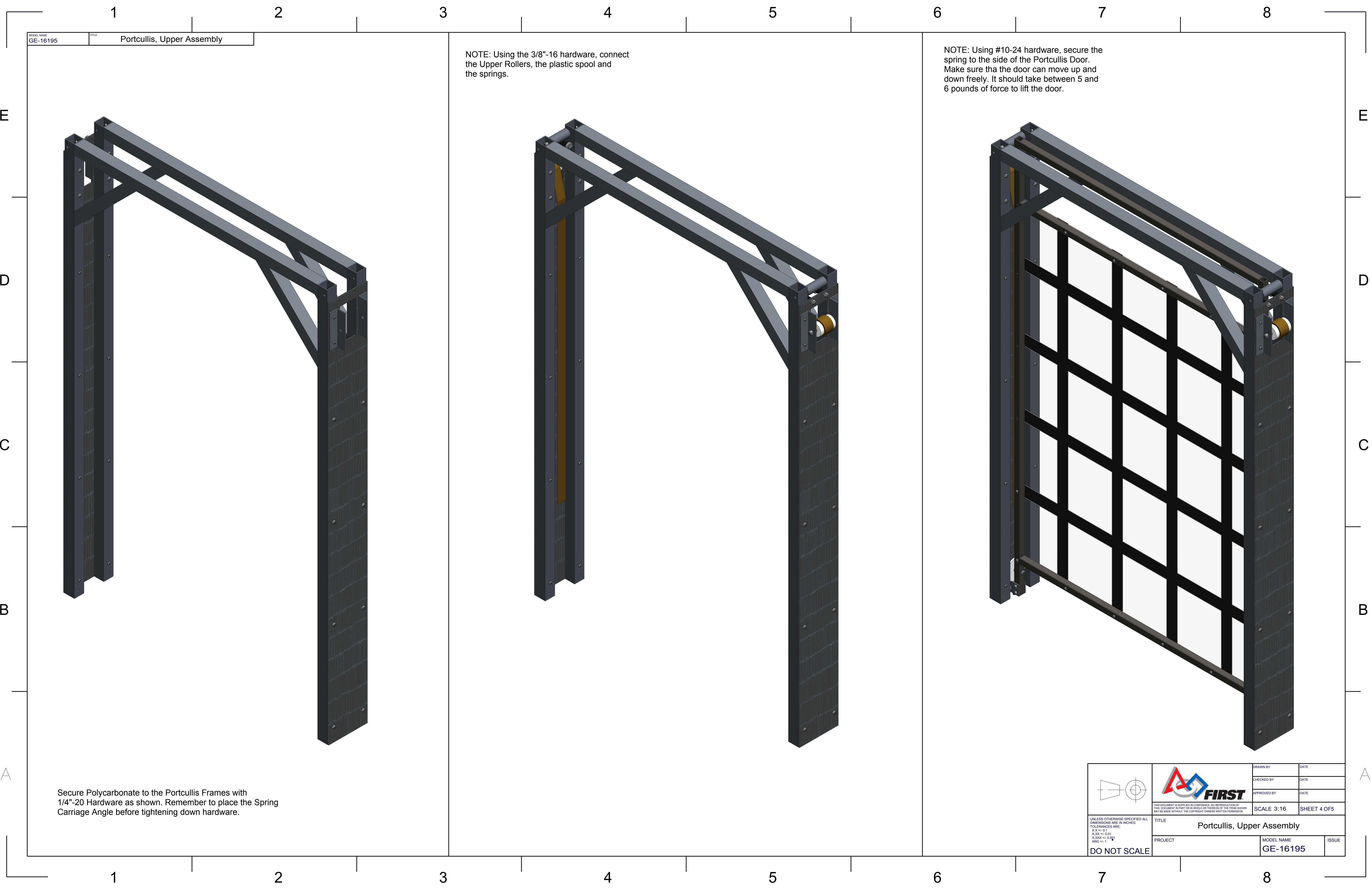


DETAIL B
SCALE 5:8
FRONT



DETAIL D
SCALE 5:8
BOTTOM

 <div>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1</div> <div>DO NOT SCALE</div>	 <div>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREOF OR OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION</div>	DRAWN BY	DATE
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TITLE Portcullis, Upper Assembly			
PROJECT		MODEL NAME GE-16195	ISSUE



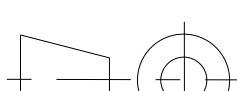

MODEL NAME
GE-16195

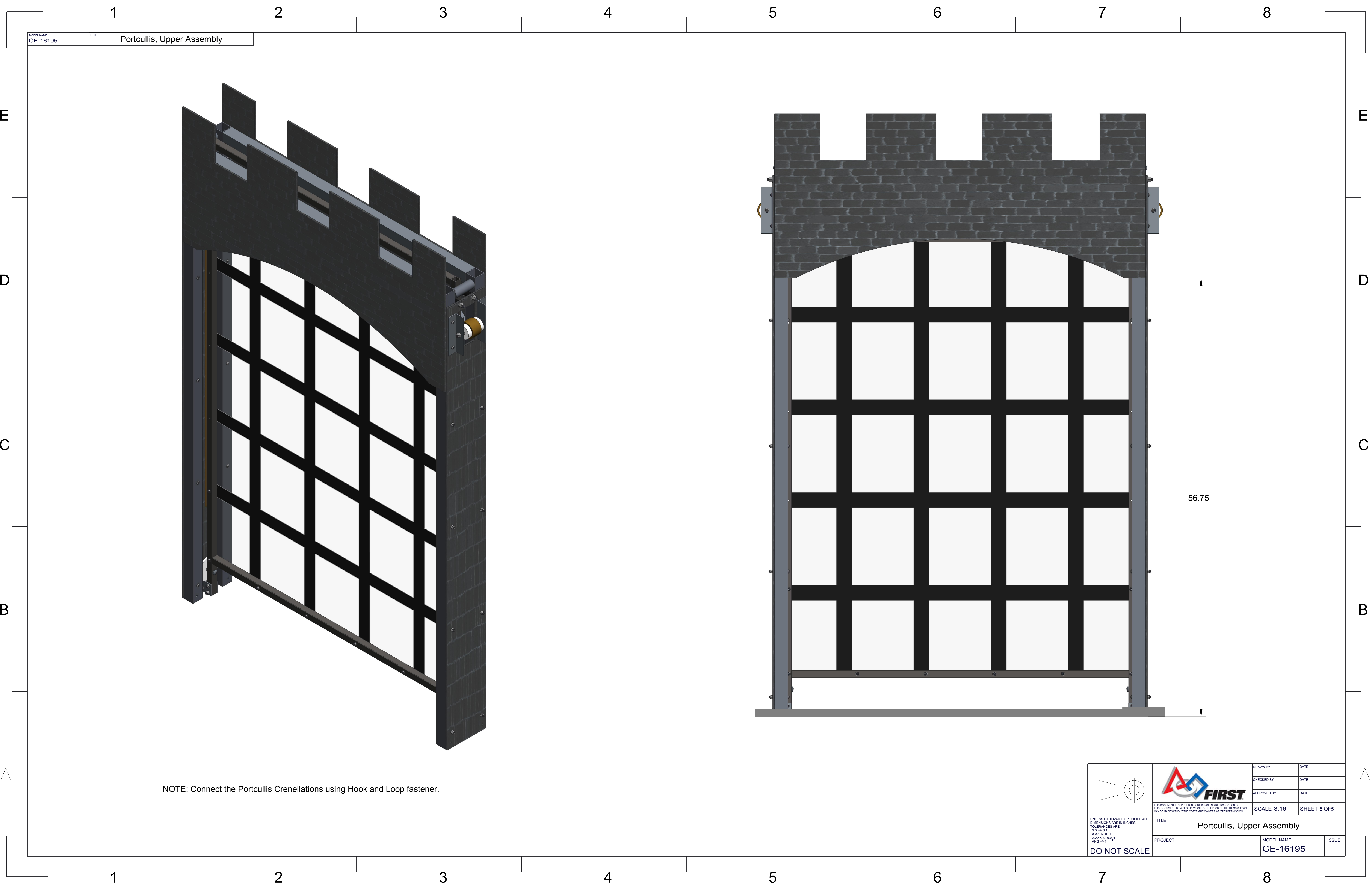
TITLE
Portcullis, Upper Assembly

NOTE: Using the 3/8"-16 hardware, connect the Upper Rollers, the plastic spool and the springs.


NOTE: Using #10-24 hardware, secure the spring to the side of the Portcullis Door. Make sure tha the door can move up and down freely. It should take between 5 and 6 pounds of force to lift the door.

Secure Polycarbonate to the Portcullis Frames with 1/4"-20 Hardware as shown. Remember to place the Spring Carriage Angle before tightening down hardware.

 <div>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X < .01 XX < .001 XXX < 0.001 ANG < 1</div> <div>DO NOT SCALE</div>	 <div>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</div>	DRAWN BY	DATE
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		APPROVED BY	DATE
		SCALE 3:16	SHEET 4 OF 5
TITLE Portcullis, Upper Assembly			
PROJECT		MODEL NAME	ISSUE
		GE-16195	



NOTE: Connect the Portcullis Crenellations using Hook and Loop fastener.



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CHECKED BY	DATE
APPROVED BY	DATE

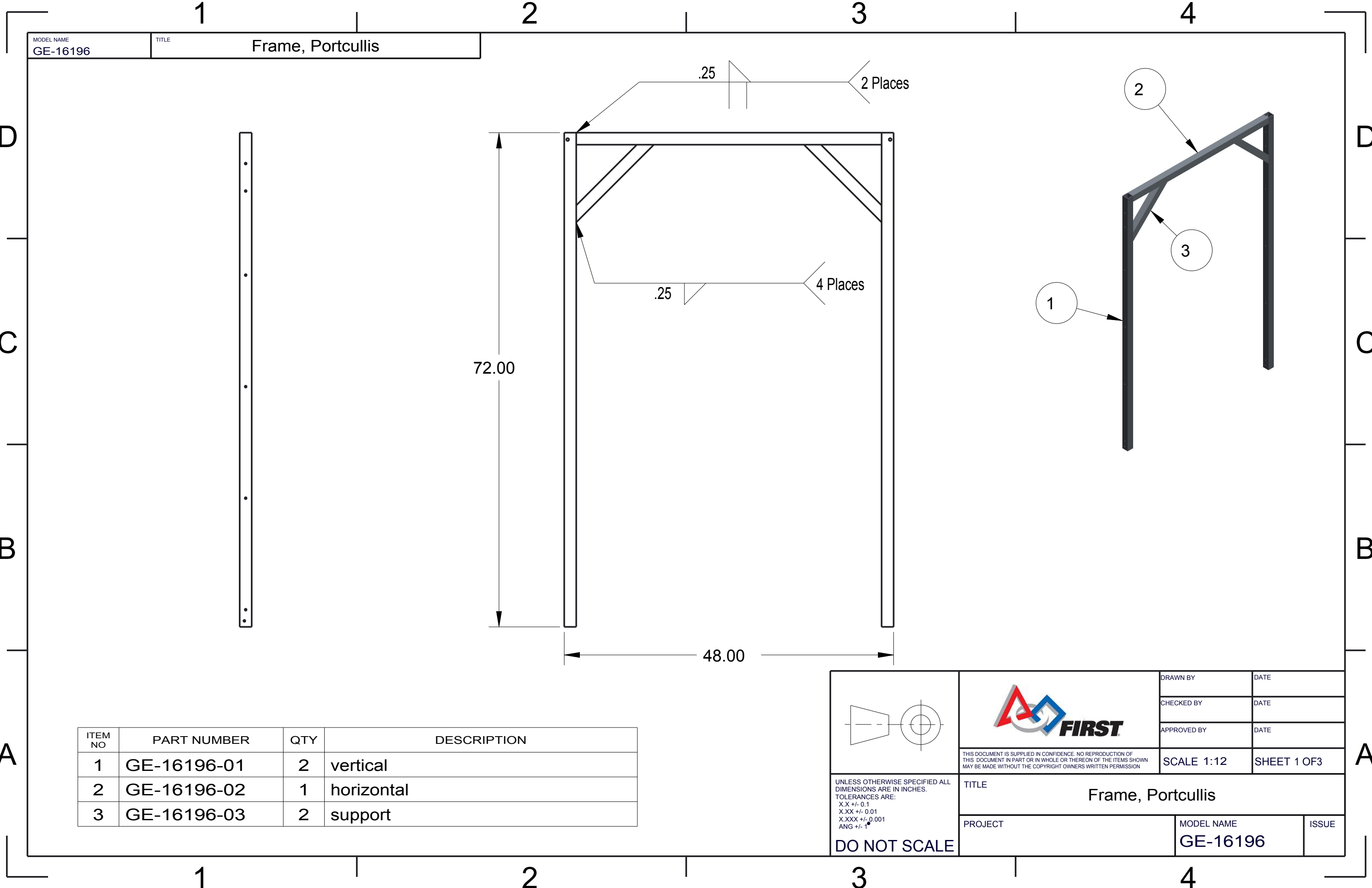
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XXX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1

DO NOT SCALE


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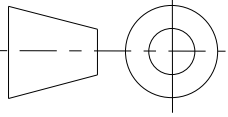
TITLE Portcullis, Upper Assembly	
PROJECT	ISSUE
GE-16195	

SCALE 3:16 SHEET 5 OF 5



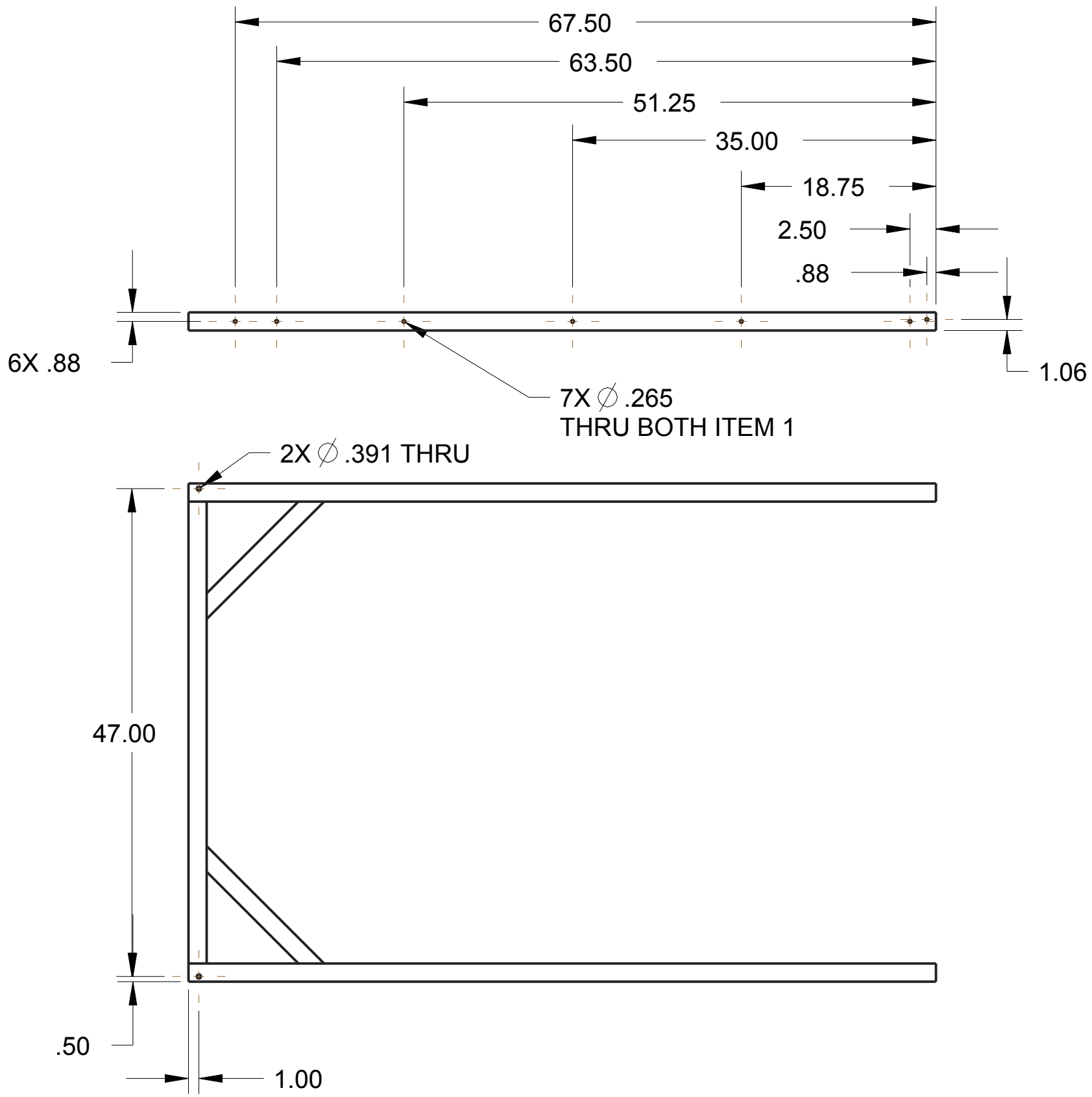
ITEM NO	PART NUMBER	QTY	DESCRIPTION
1	GE-16196-01	2	vertical
2	GE-16196-02	1	horizontal
3	GE-16196-03	2	support


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TITLE Frame, Portcullis			
PROJECT		MODEL NAME GE-16196	ISSUE



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TOLERANCES ARE:
X.X +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
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SCALE 1:12

SHEET 2 OF 3

TITLE

Frame, Portcullis

PROJECT

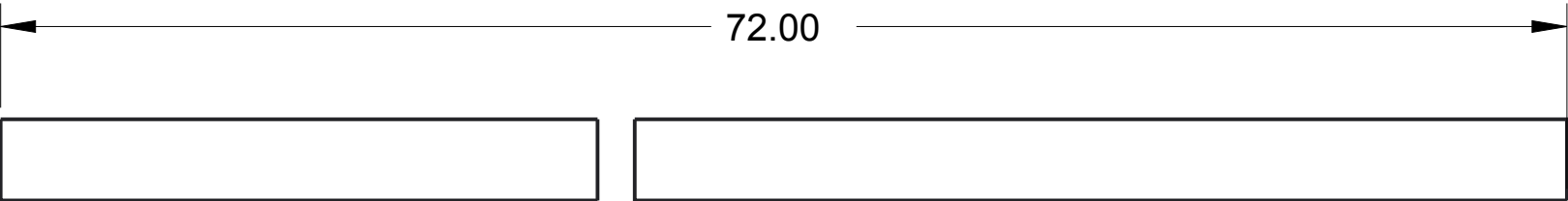
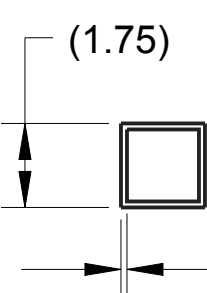
MODEL NAME

GE-16196

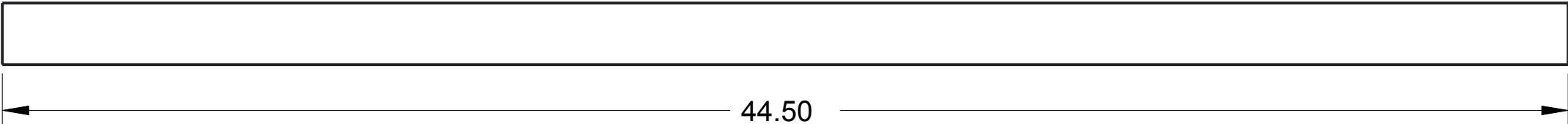
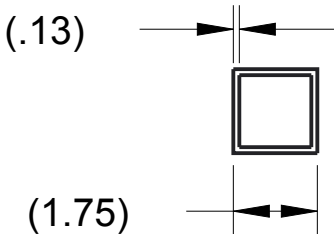
ISSUE

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

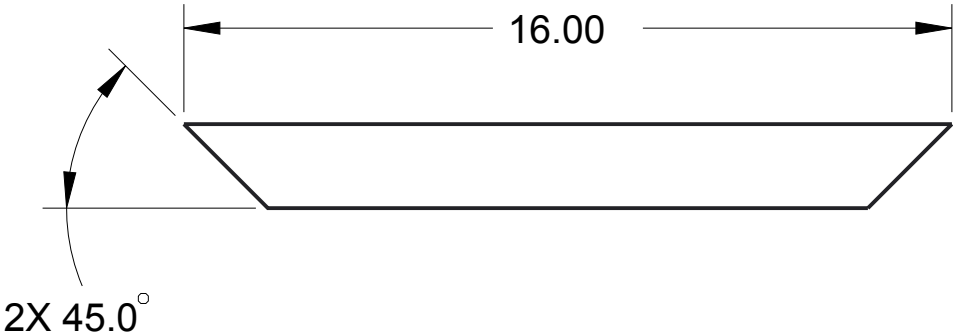
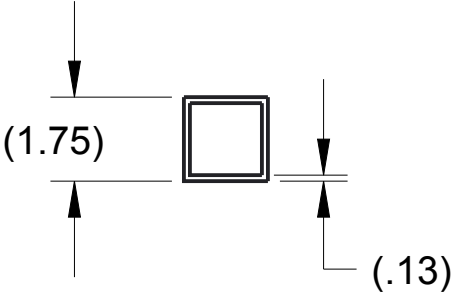
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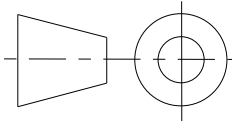
ITEM 1: VERTICAL
MATERIAL: 1.75" X .125" SQUARE TUBING, 6063 ALUMINUM
QTY: 2



ITEM 2: HORIZONTAL
MATERIAL: 1.75" X .125" SQUARE TUBING, 6063 ALUMINUM
QTY: 1



ITEM 3: SUPPORT
MATERIAL: 1.75" X .125" SQUARE TUBING, 6063 ALUMINUM
QTY: 2



UNLESS OTHERWISE SPECIFIED ALL
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
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X.XX +/- 0.01
X.XXX +/- 0.001
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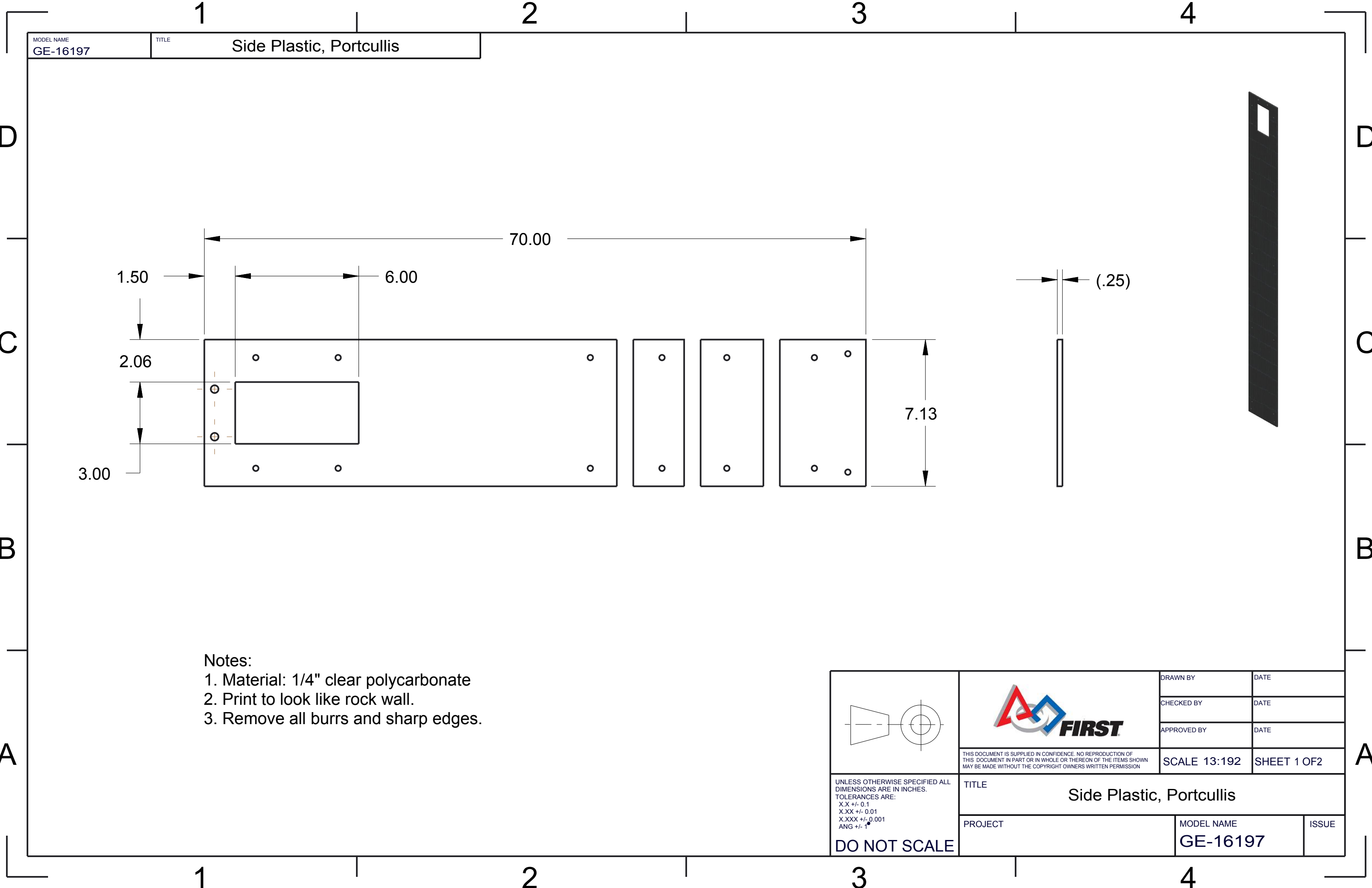
TITLE
Frame, Portcullis

PROJECT


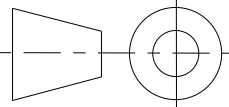
DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:12	SHEET 3 OF 3

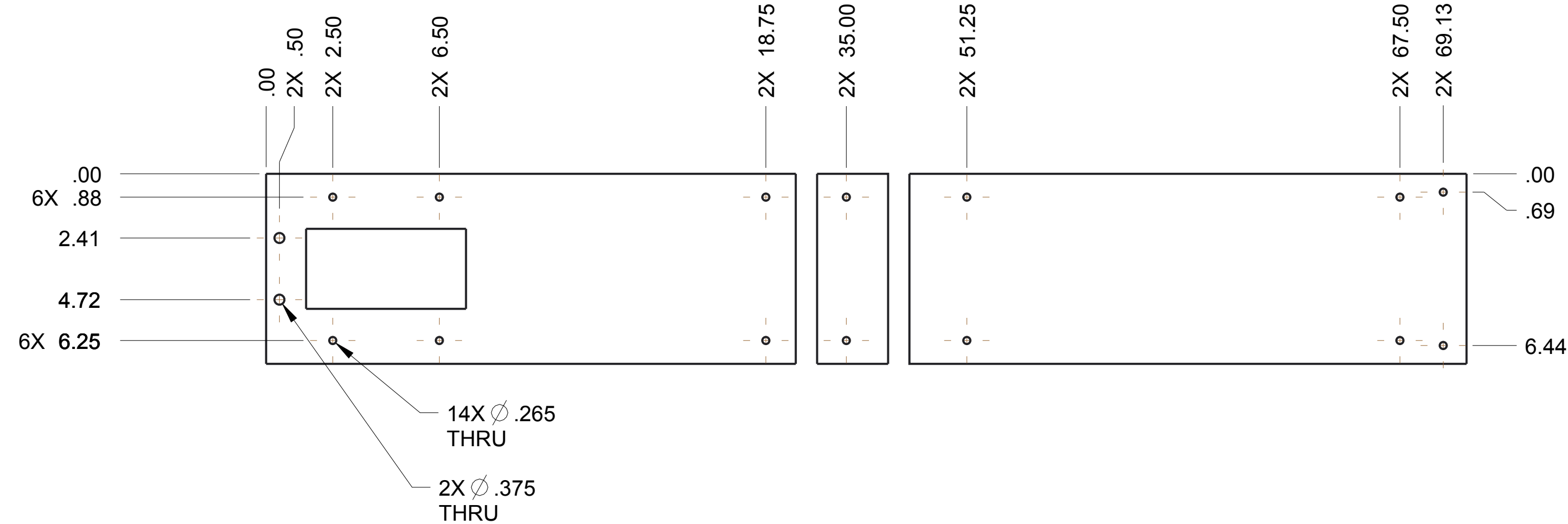
MODEL NAME
GE-16196

ISSUE

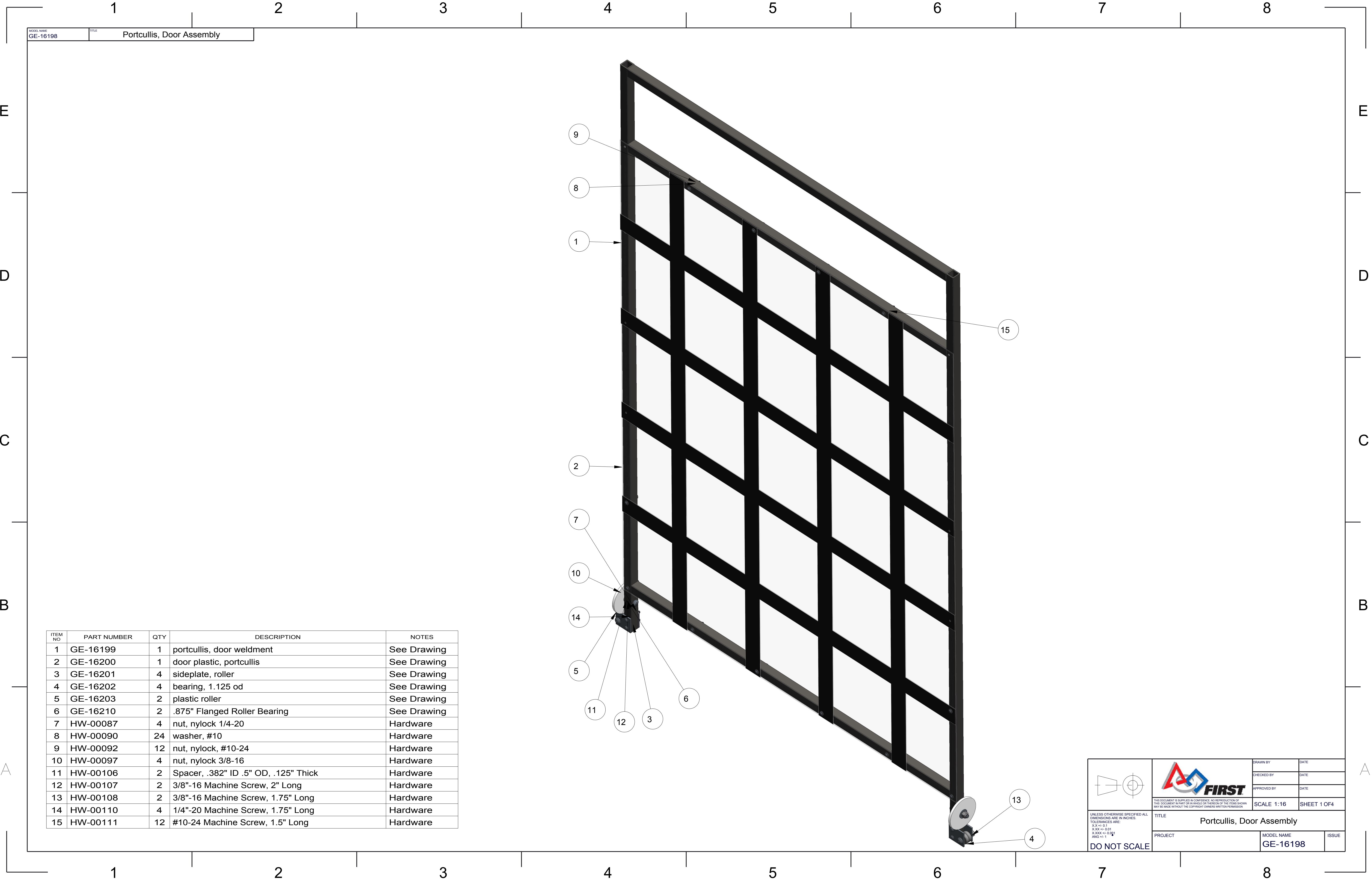


- Notes:
- 1. Material: 1/4" clear polycarbonate
 - 2. Print to look like rock wall.
 - 3. Remove all burrs and sharp edges.


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	SCALE 13:192	SHEET 1 OF2
 <small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- .1</small> DO NOT SCALE	TITLE Side Plastic, Portcullis	
	PROJECT	MODEL NAME GE-16197
		ISSUE



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		CHECKED BY	DATE
		APPROVED BY	DATE
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TITLE Side Plastic, Portcullis			
PROJECT		MODEL NAME GE-16197	ISSUE



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16199	1	portcullis, door weldment	See Drawing
2	GE-16200	1	door plastic, portcullis	See Drawing
3	GE-16201	4	sideplate, roller	See Drawing
4	GE-16202	4	bearing, 1.125 od	See Drawing
5	GE-16203	2	plastic roller	See Drawing
6	GE-16210	2	.875" Flanged Roller Bearing	See Drawing
7	HW-00087	4	nut, nylock 1/4-20	Hardware
8	HW-00090	24	washer, #10	Hardware
9	HW-00092	12	nut, nylock, #10-24	Hardware
10	HW-00097	4	nut, nylock 3/8-16	Hardware
11	HW-00106	2	Spacer, .382" ID .5" OD, .125" Thick	Hardware
12	HW-00107	2	3/8"-16 Machine Screw, 2" Long	Hardware
13	HW-00108	2	3/8"-16 Machine Screw, 1.75" Long	Hardware
14	HW-00110	4	1/4"-20 Machine Screw, 1.75" Long	Hardware
15	HW-00111	12	#10-24 Machine Screw, 1.5" Long	Hardware



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DATE

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XXX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1

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TITLE

PROJECT

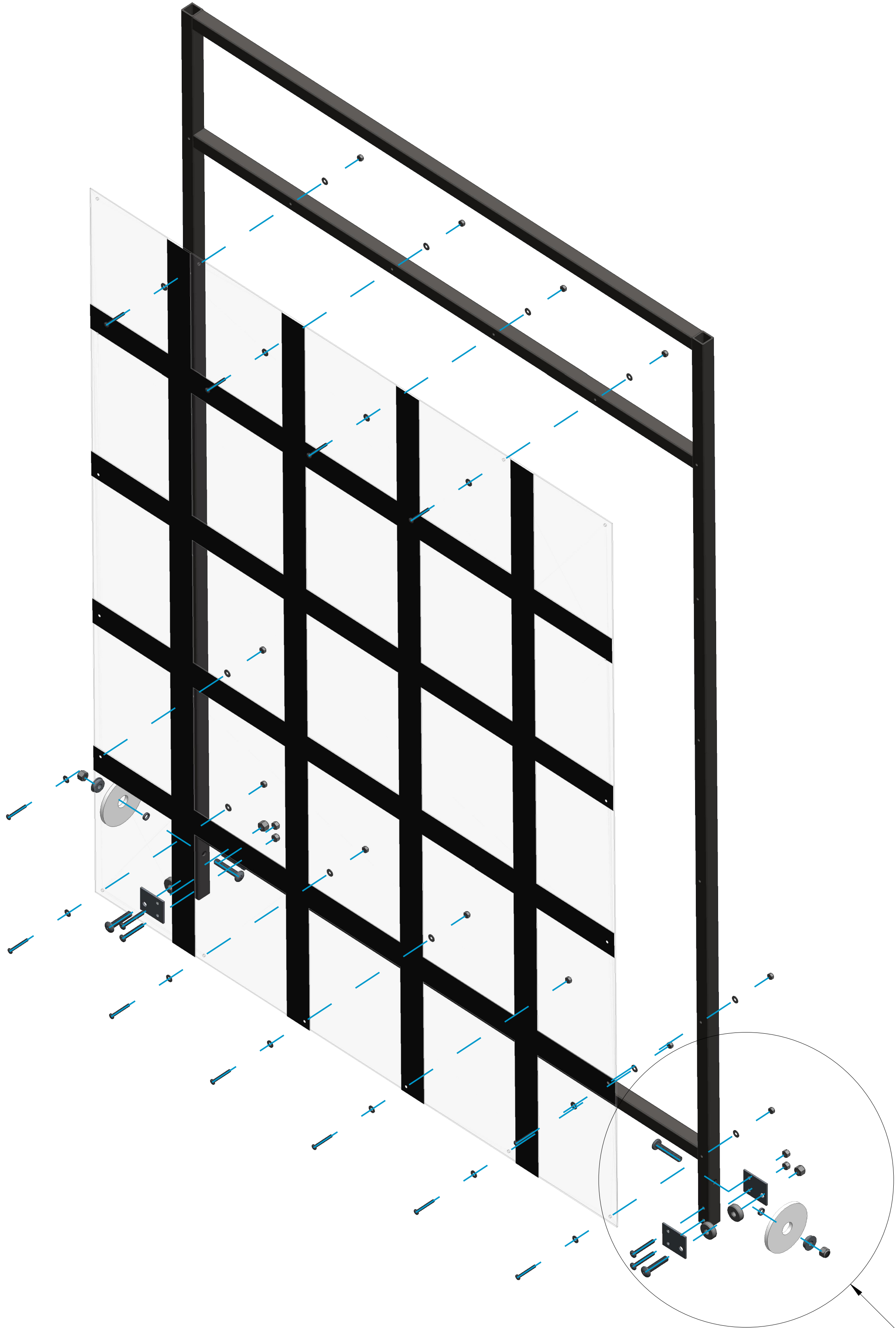
Portcullis, Door Assembly

GE-16198

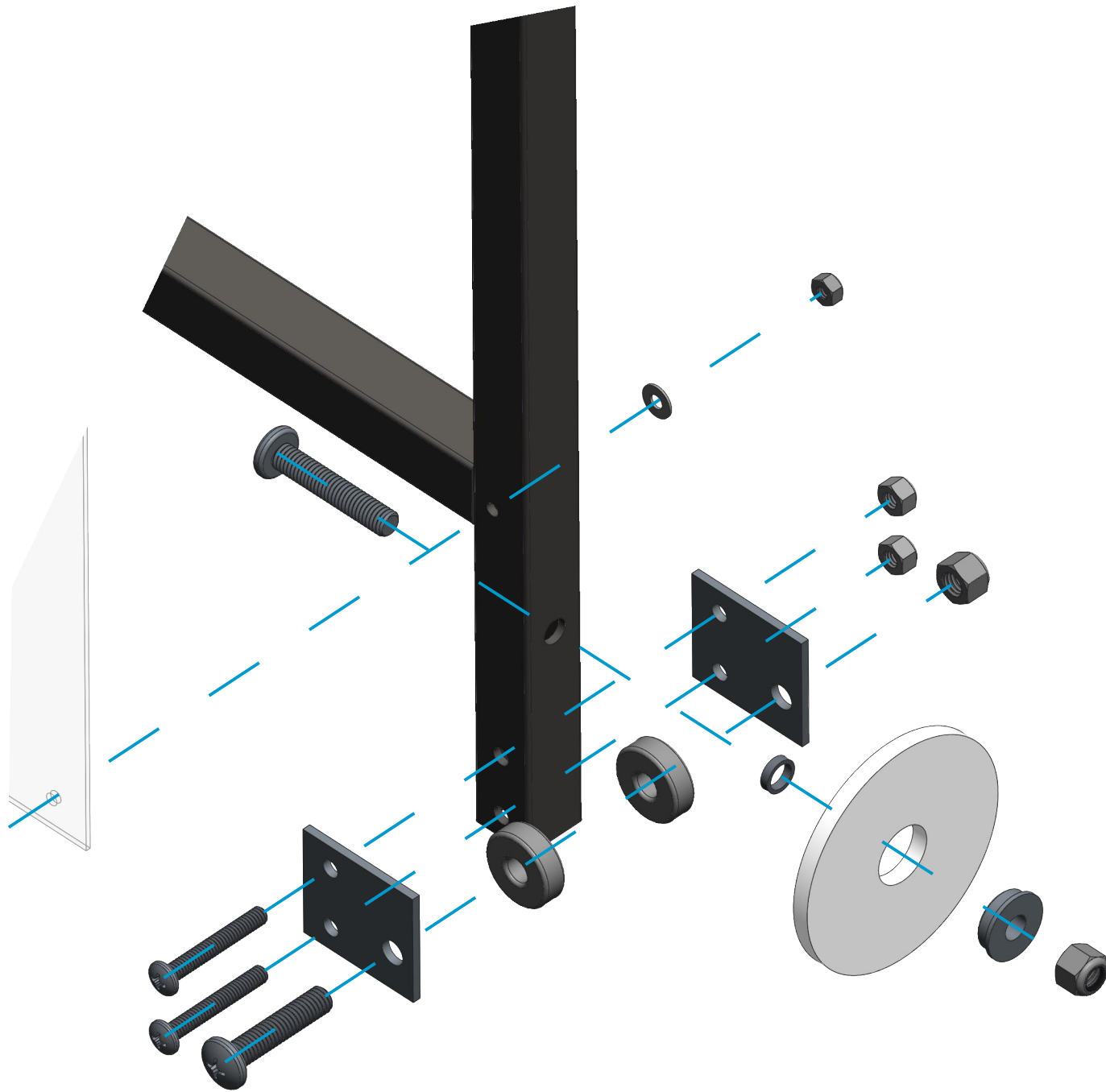
SCALE 1:16

SHEET 1 OF 4


ISSUE



SEE DETAIL A



DETAIL A
SCALE 1:2



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DATE

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DATE

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X.XXX +/- 0.01
ANG +/- 1



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TITLE

Portcullis, Door Assembly

PROJECT

MODEL NAME

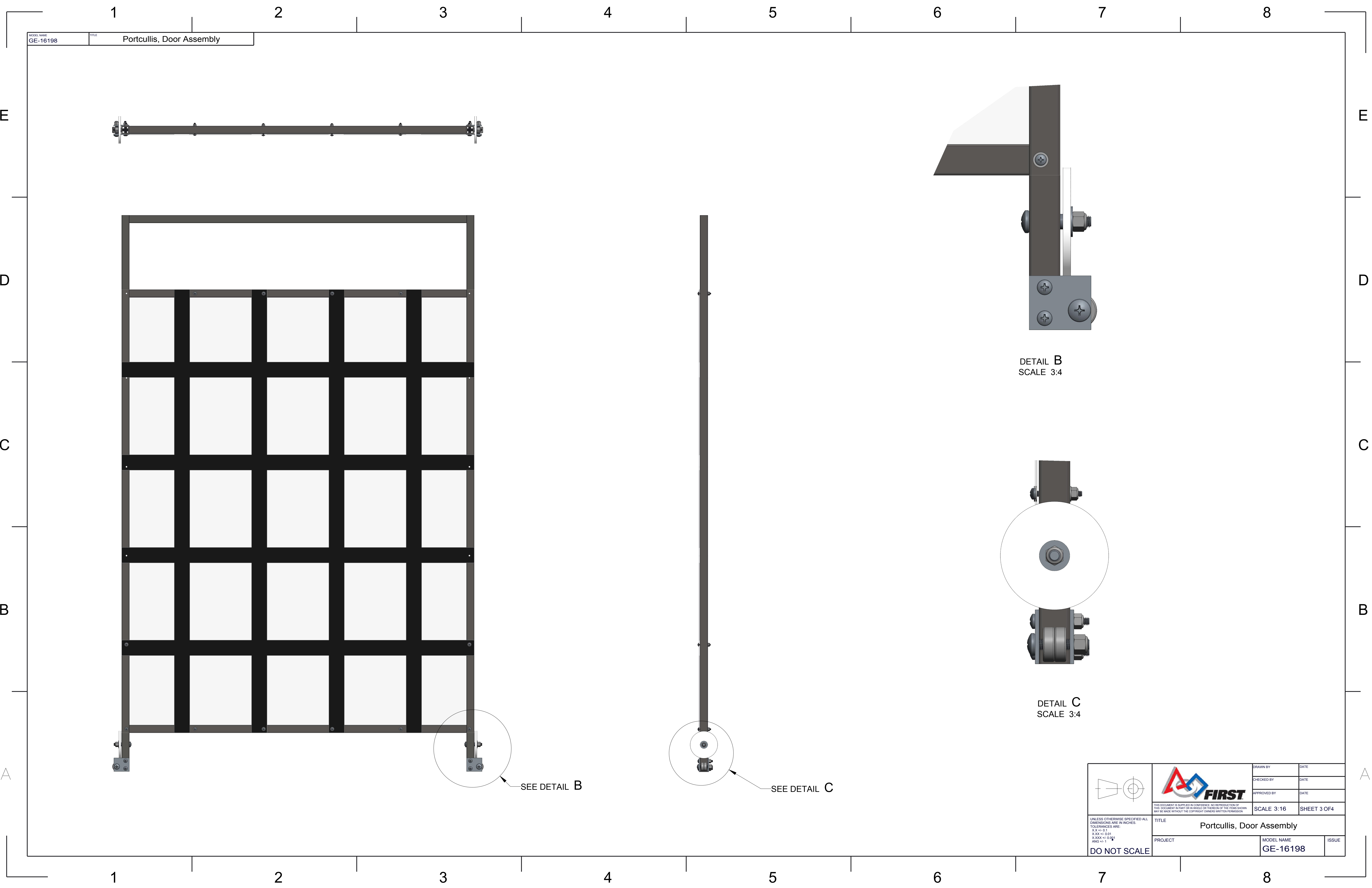
ISSUE

SCALE 7:32

SHEET 2 OF 4

GE-16198

DO NOT SCALE



MODEL NAME
GE-16198

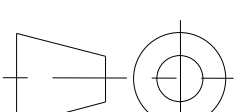

TITLE
Portcullis, Door Assembly

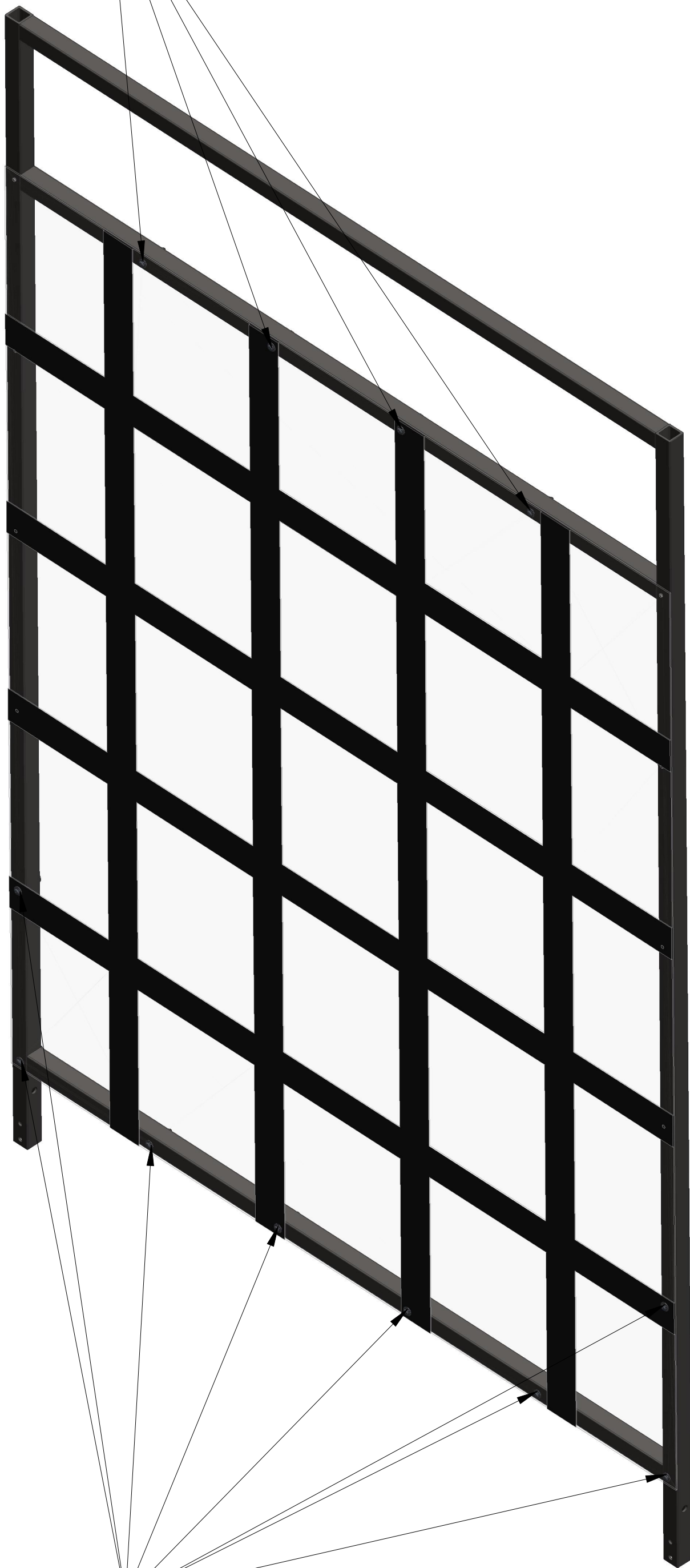
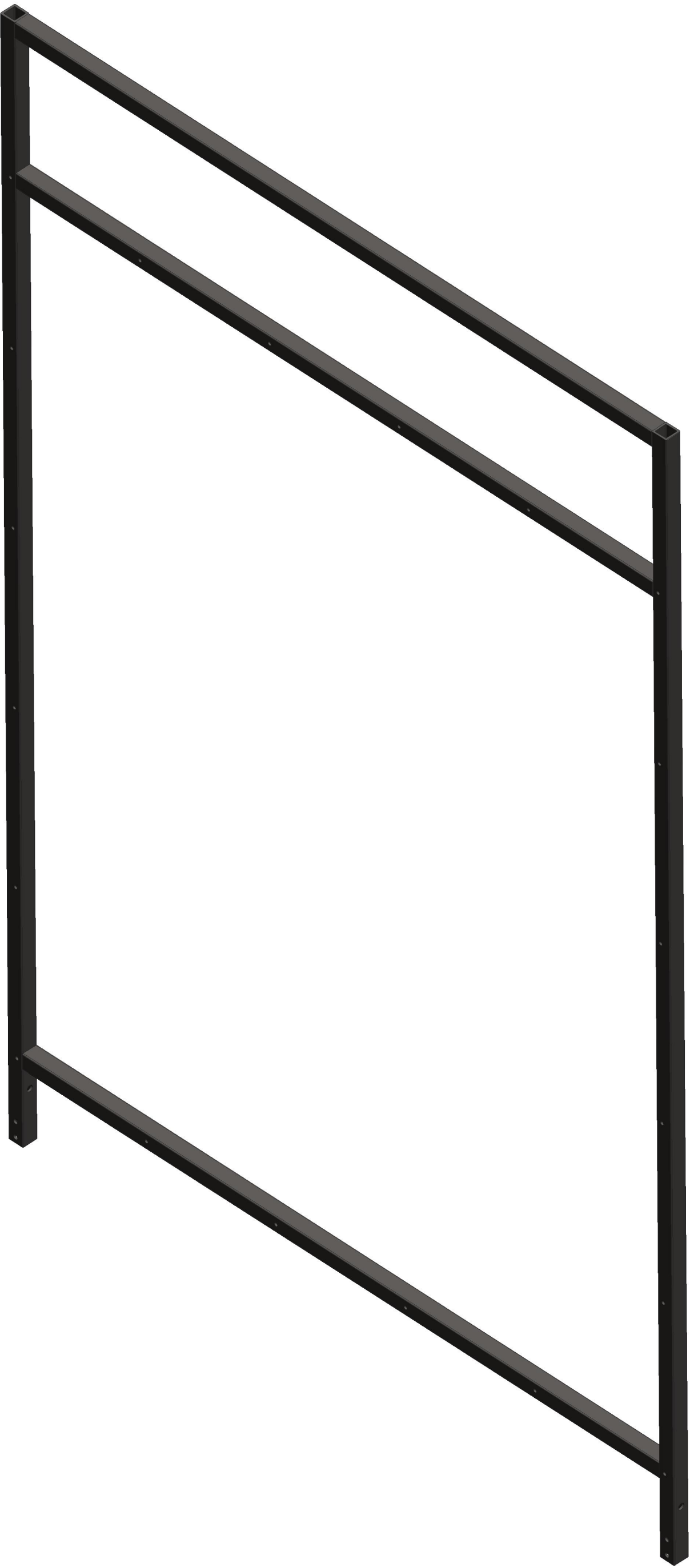
DETAIL B
SCALE 3:4

DETAIL C
SCALE 3:4

SEE DETAIL B

SEE DETAIL C

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		APPROVED BY	DATE
		SCALE 3:16	SHEET 3 OF 4
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TITLE Portcullis, Door Assembly			
PROJECT		MODEL NAME GE-16198	ISSUE




NOTE: Connect Portcullis Polycarb using #10-24 Hardware in the four (4) center holes along the top rail.

NOTE: Secure the bottom of the Portcullis Polycarbonate using #10-24 hardware.

NOTE: Secure the rest of the Polycarbonate with 3/16" Aluminum rivets.

NOTE: Secure the bottom rollers using the 3/8"-16 and 1/4"-20 Hardware. Be sure that all bearings roll smoothly after mounting them.



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DATE

DATE

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XXX ±0.01
X.XXX ±0.001
ANG ±1

DO NOT SCALE

TITLE

Portcullis, Door Assembly

PROJECT

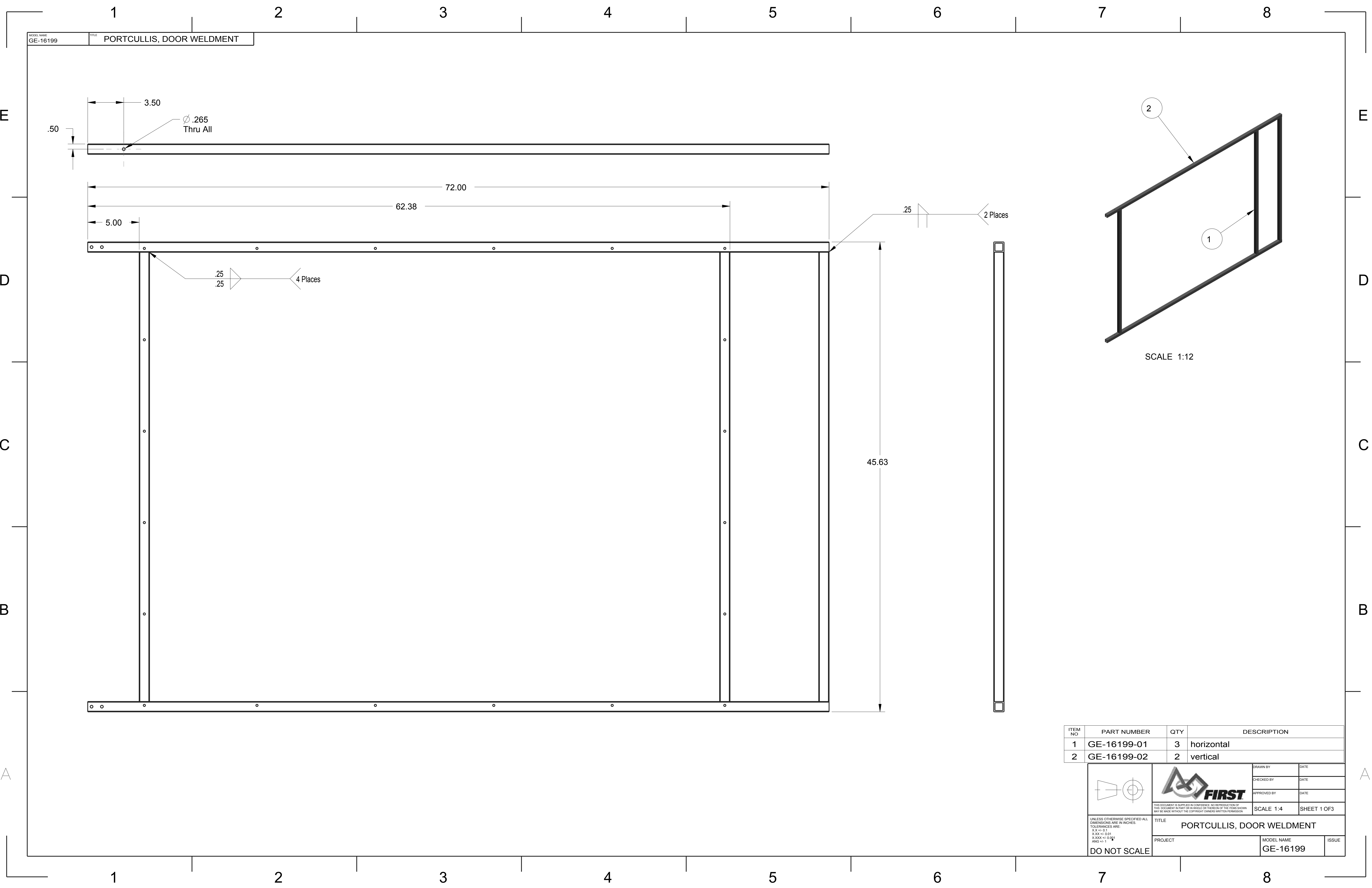
MODEL NAME

ISSUE

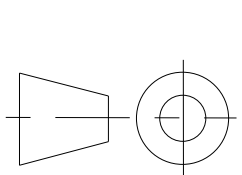
SCALE 3:16

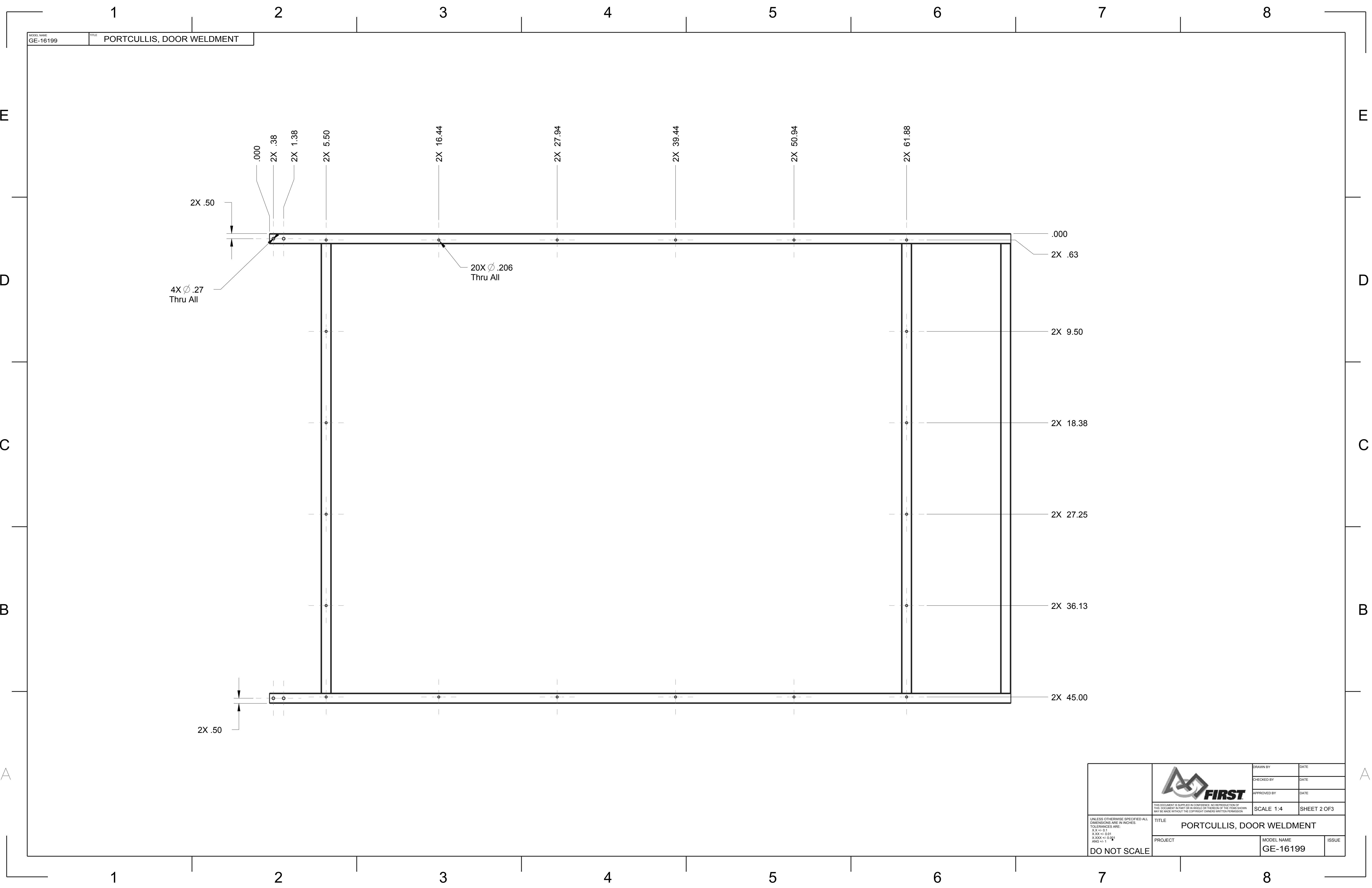
SHEET 4 OF 4


GE-16198

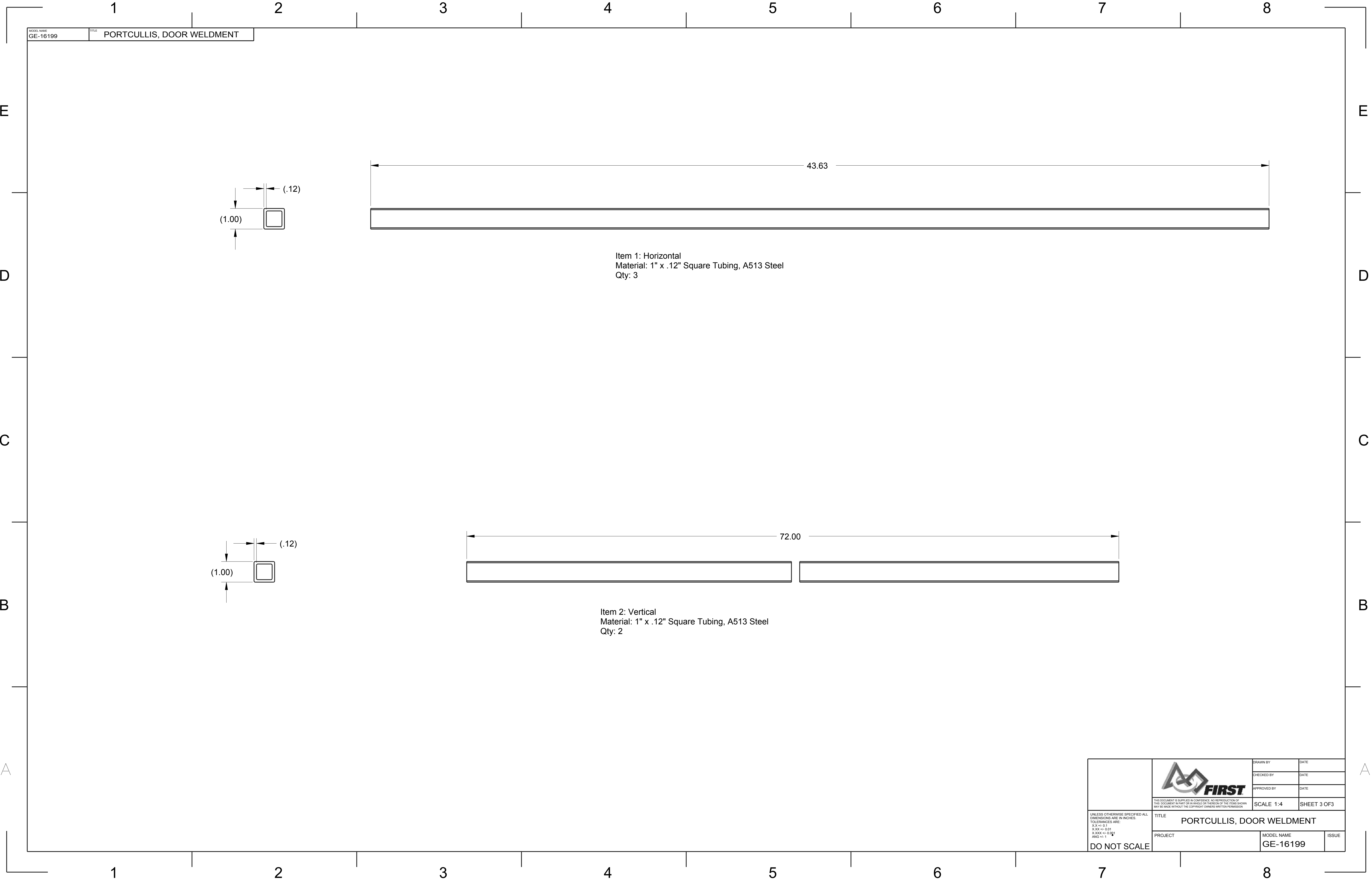



ITEM NO	PART NUMBER	QTY	DESCRIPTION		
1	GE-16199-01	3	horizontal		
2	GE-16199-02	2	vertical		

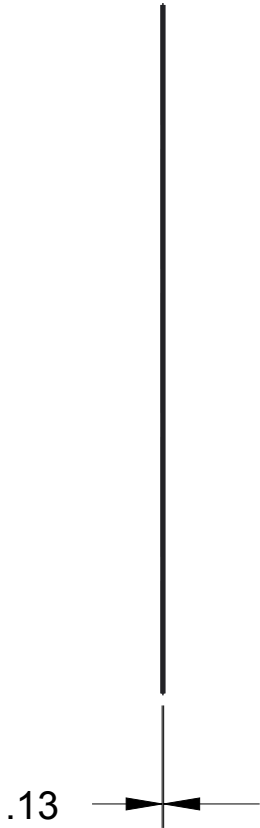
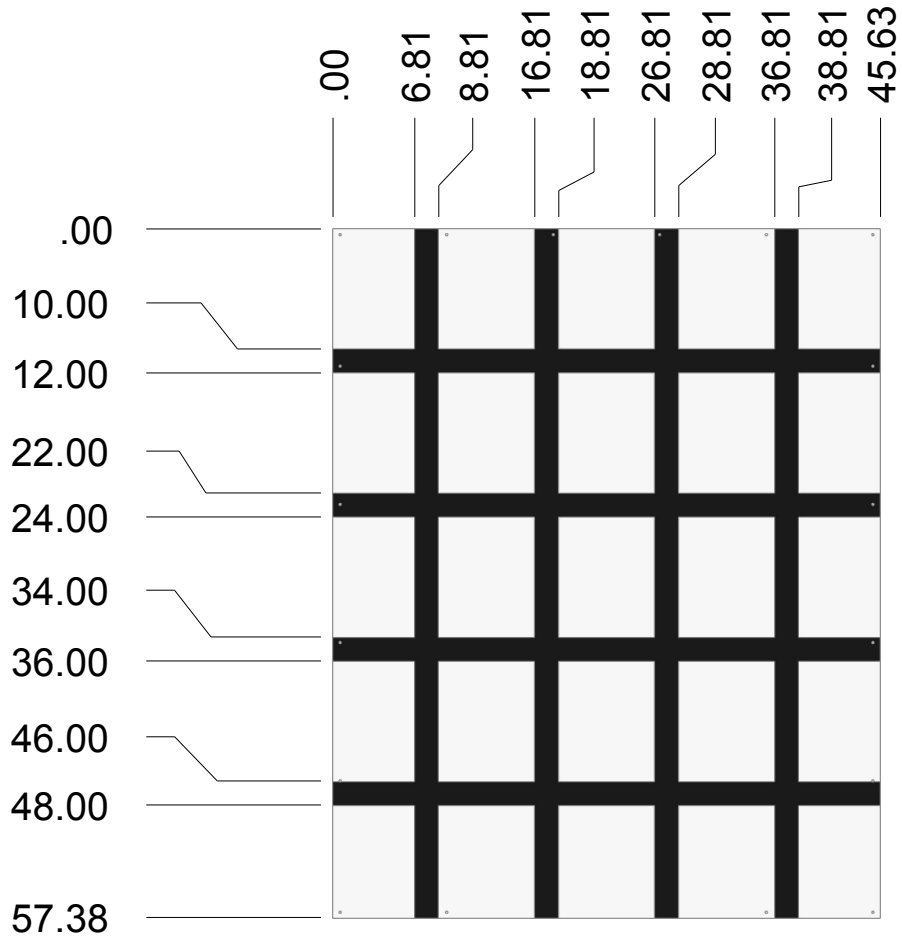
	DRAWN BY		DATE
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	APPROVED BY		DATE
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. X.XX +/- 0.1 X.XXX +/- 0.01 ANG +/- 1	TITLE		
DO NOT SCALE		PROJECT	
		MODEL NAME	
		ISSUE	




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		SCALE 1:4	SHEET 2 OF 3
		TITLE PORTCULLIS, DOOR WELDMENT	
		PROJECT	MODEL NAME GE-16199



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		CHECKED BY	DATE
		APPROVED BY	DATE
		SCALE 1:4	SHEET 3 OF 3
		TITLE PORTCULLIS, DOOR WELDMENT	
		PROJECT	MODEL NAME GE-16199



- Notes:
- 1. Material: 1/8" Clear Polycarbonate
 - 2. Grid to be painted black on one side.



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TITLE

Door Plastic, Potcullis

PROJECT

MODEL NAME

GE-16200

ISSUE

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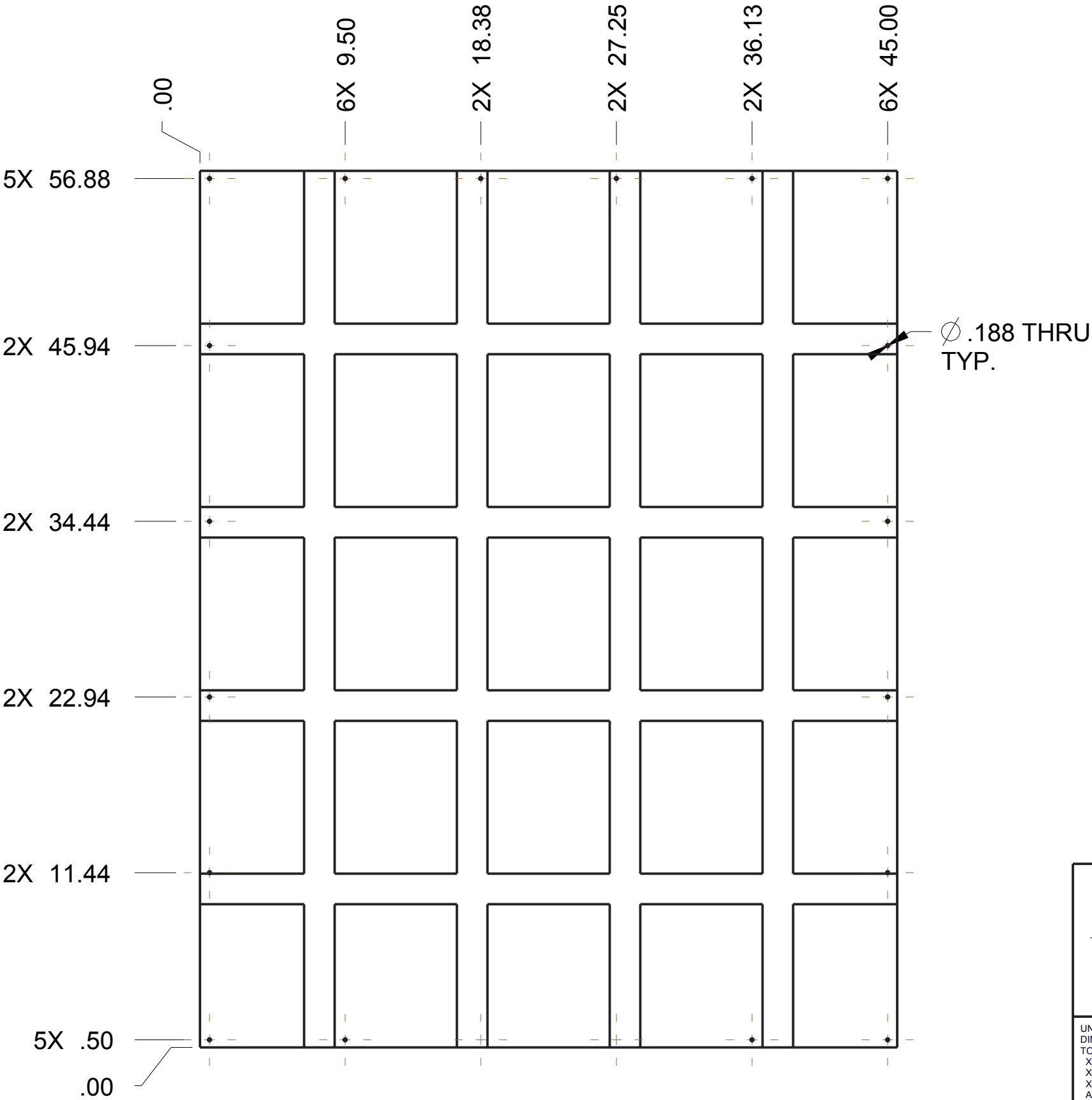
SCALE 1:16


SHEET 1 OF 2

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X.X +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

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TOLERANCES ARE:
X.X +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

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SCALE 1:8

SHEET 2 OF2

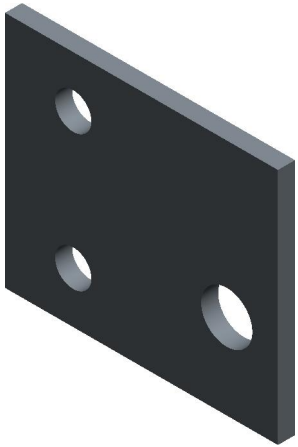
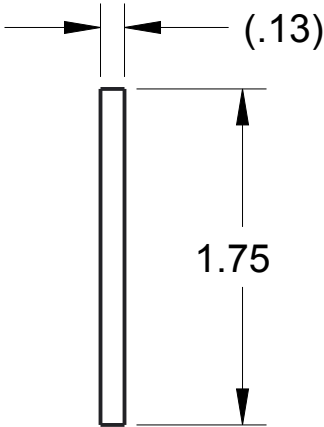
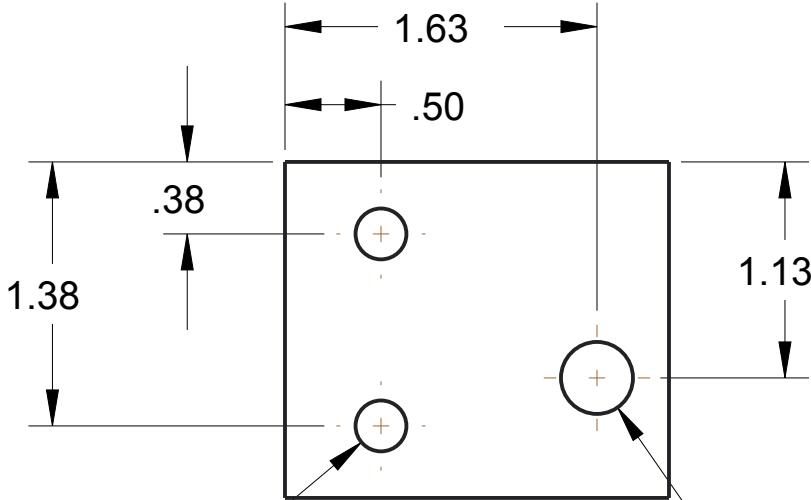
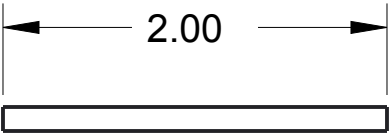
TITLE

PROJECT

Door Plastic, Potcullis

MODEL NAME
GE-16200

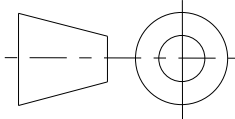
ISSUE



2X \varnothing .265
THRU

\varnothing .38
THRU

NOTES:
1. MATERIAL: 1/8" THICK ALUMINUM
2. REMOVE ALL BURRS AND SHARP EDGES.



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TOLERANCES ARE:
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X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- ^\circ

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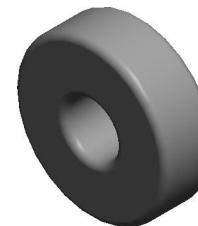
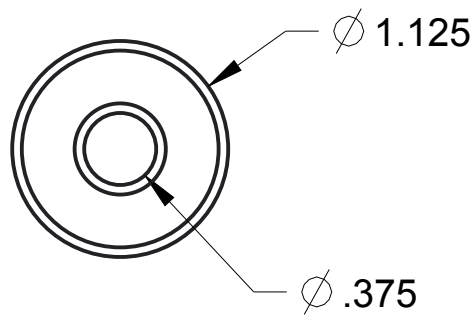
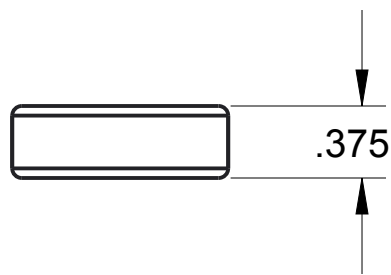
DRAWN BY	DATE
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SCALE 1:1	SHEET 1 OF 1

TITLE SIDEPLATE, ROLLER		
PROJECT	MODEL NAME GE-16201	ISSUE

MODEL NAME
GE-16202


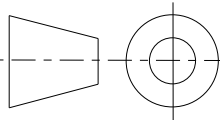
TITLE

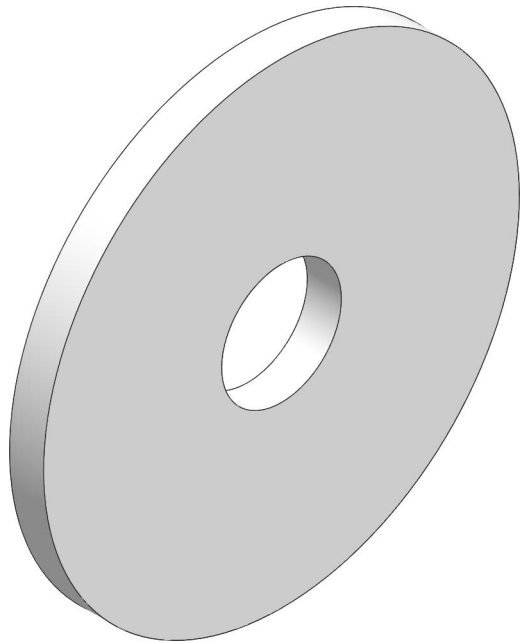
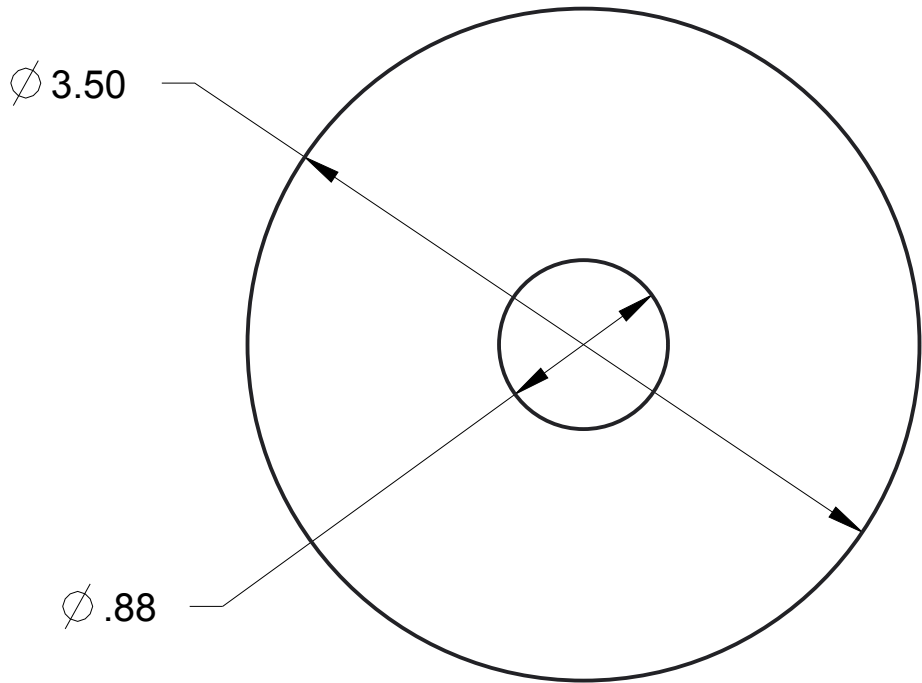
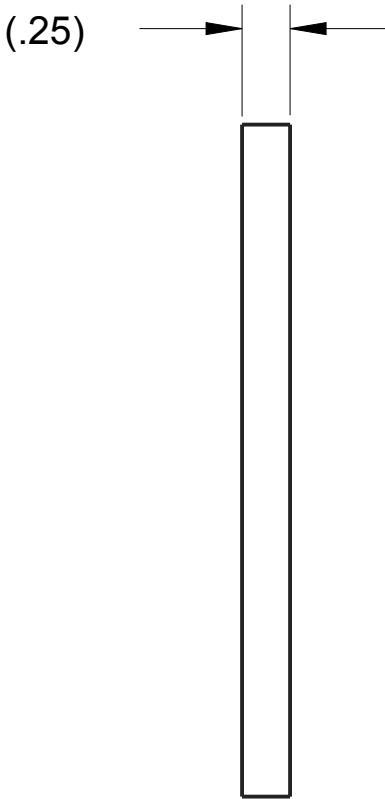
Bearing, 1.125" OD



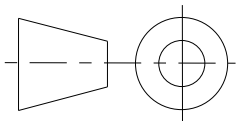

NOTES:

- BALL BEARING
- 2 SHIELDS
- COMMON INDUSTRY NUMBER: 1614ZZ

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	SCALE 1:1	SHEET 1 OF 1
 <small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XXX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°</small> DO NOT SCALE	TITLE Bearing, 1.125" OD	
	PROJECT	MODEL NAME GE-16202
		ISSUE



- NOTES:
- 1. MATERIAL: 1/4" NATURAL HDPE
 - 2. REMOVE ALL BURRS AND SHARPD EDGES

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	PROJECT	MODEL NAME GE-16203	ISSUE

D

C

B

A

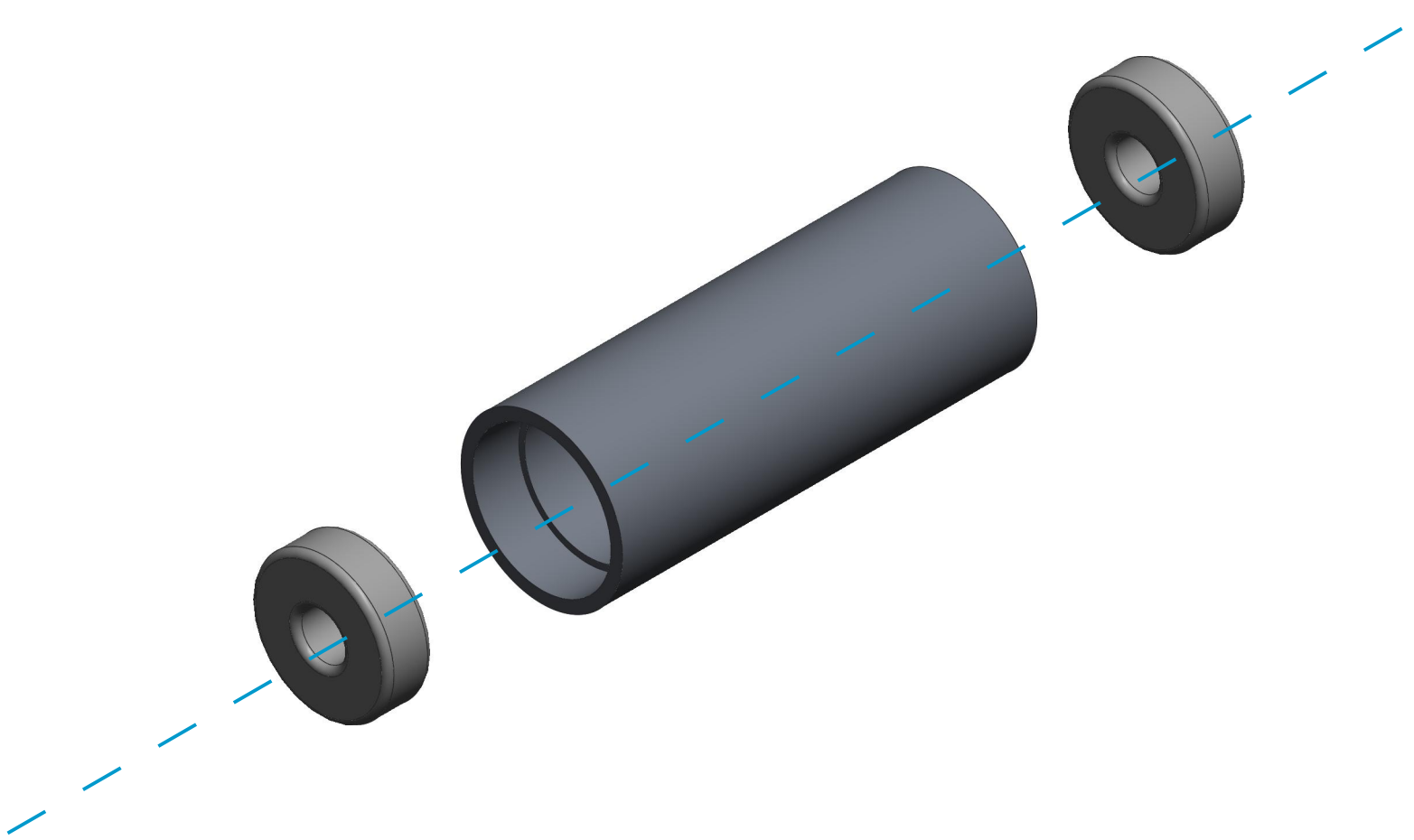
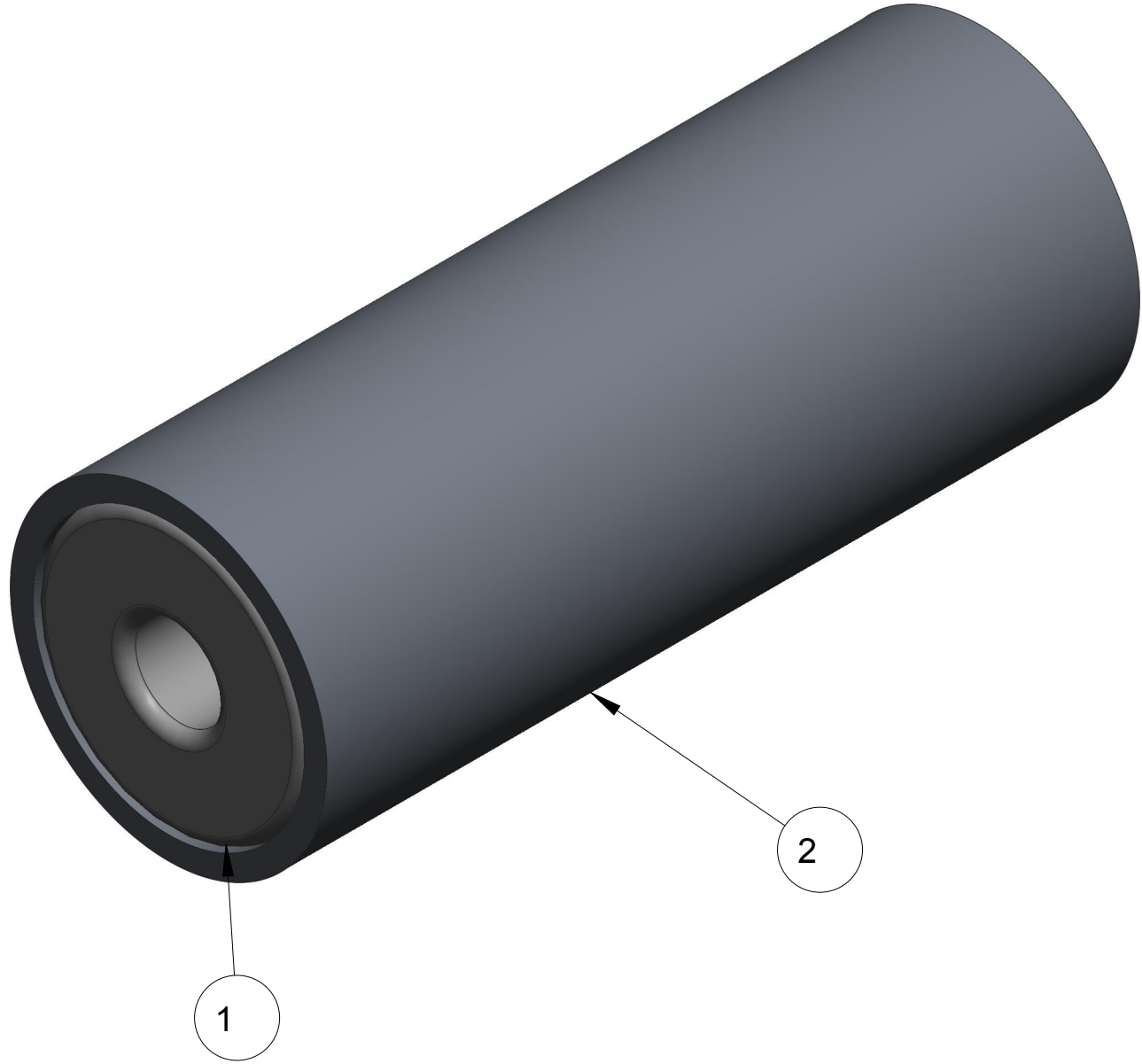
D

C


B

A

MODEL NAME	TITLE
GE-16204	Upper Roller Assembly

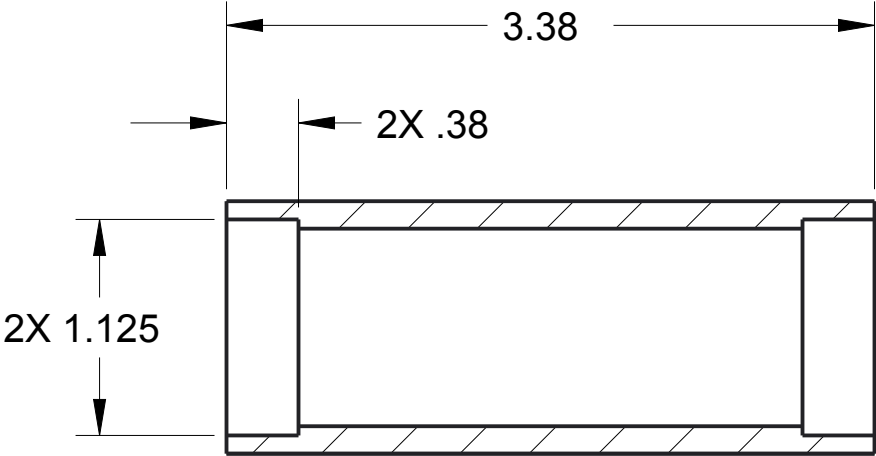
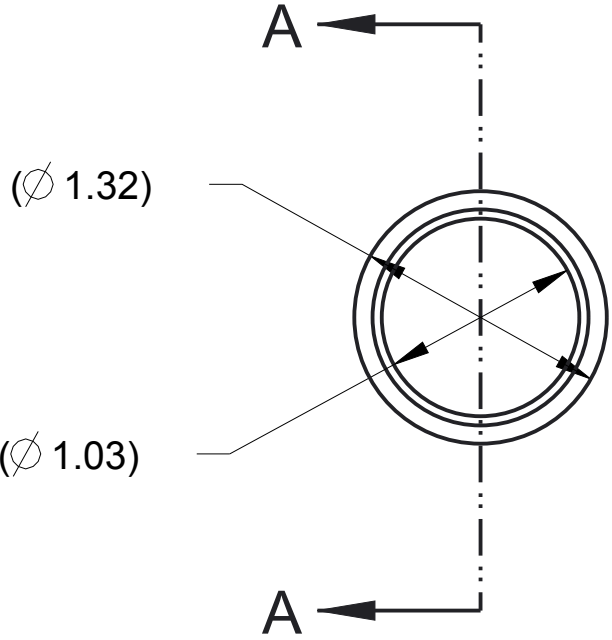
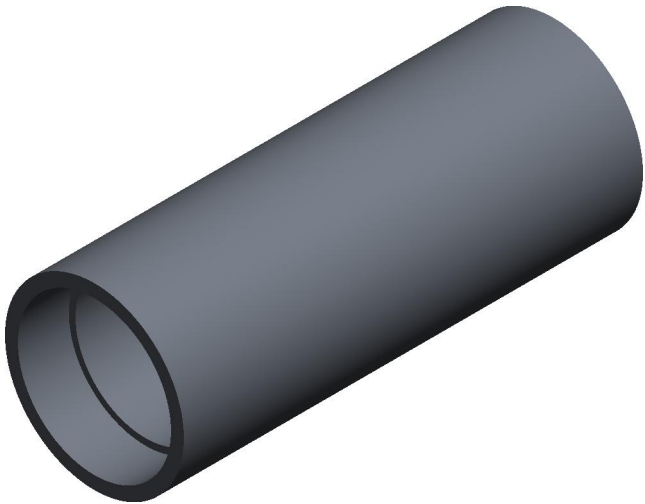


ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16202	2	bearing, 1.125 od	See Drawing
2	GE-16205	1	upper roller	See Drawing

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TITLE Upper Roller Assembly		SCALE 1:1	SHEET 1 OF 1
PROJECT		MODEL NAME GE-16204	ISSUE

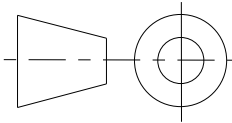

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
XX +/- 0.1
XXX +/- 0.01
XXXX +/- 0.001
ANG +/- 1

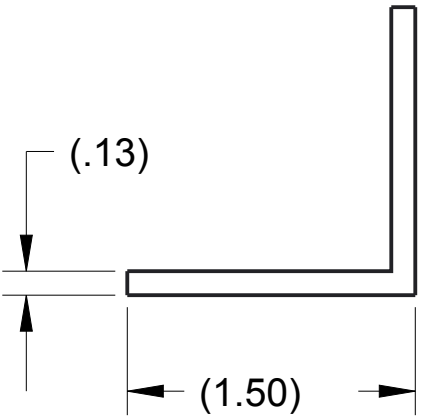
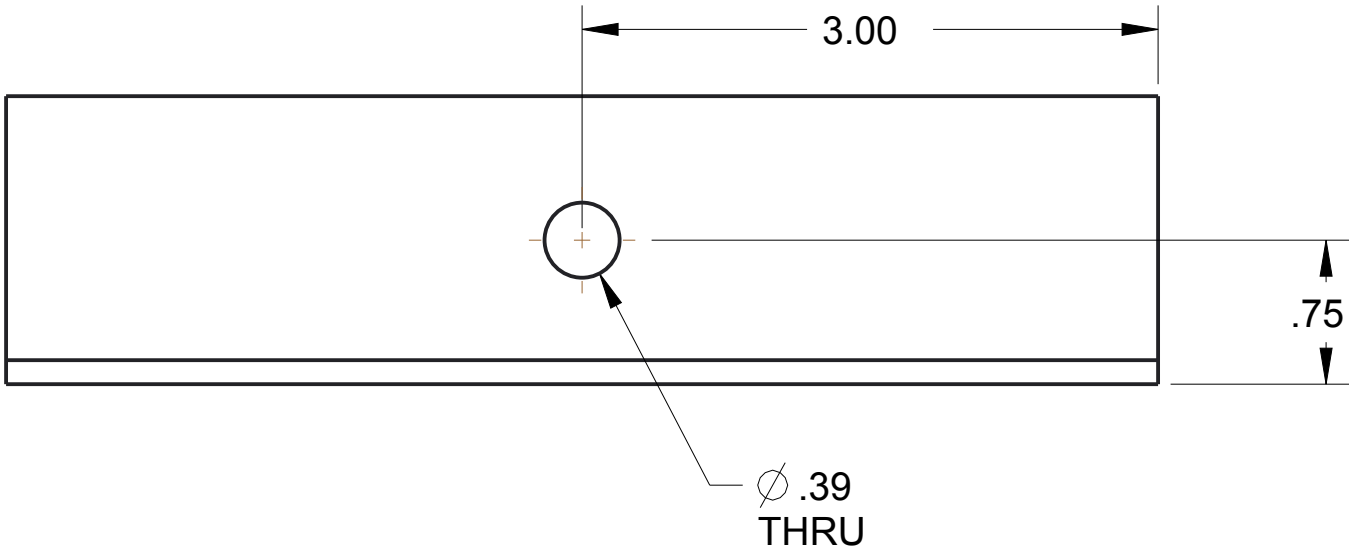
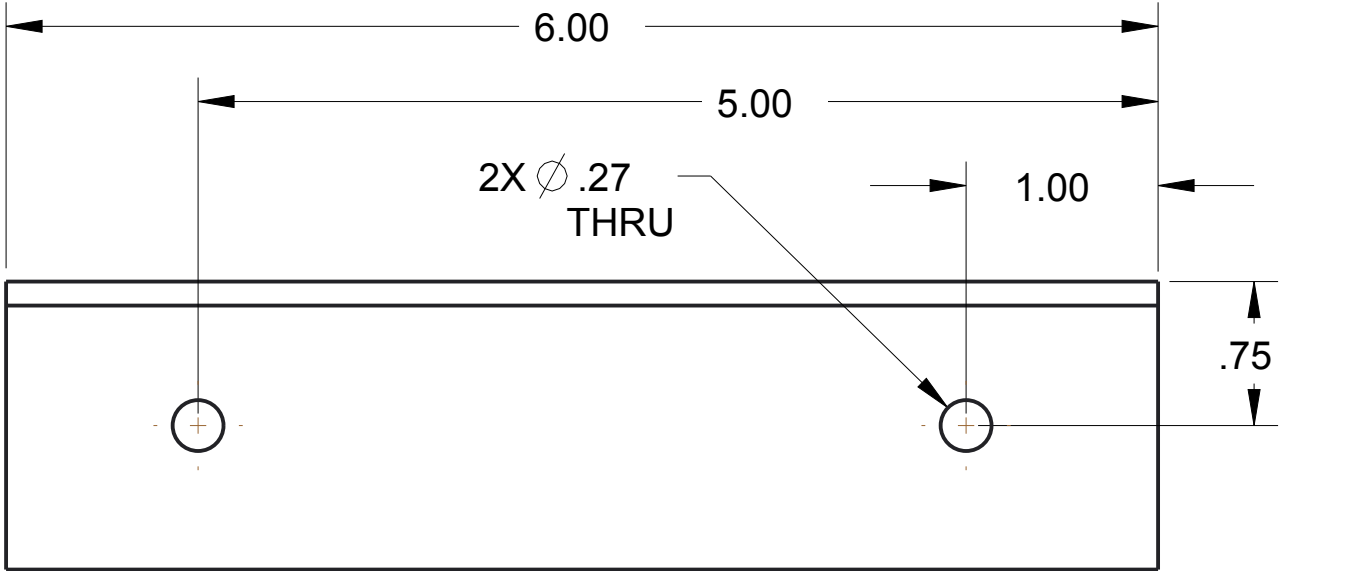
DO NOT SCALE



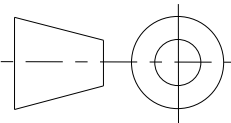

SECTION A-A

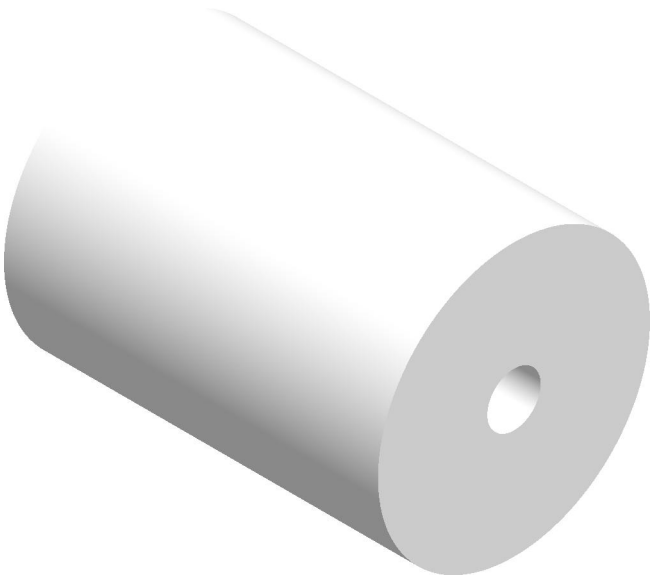
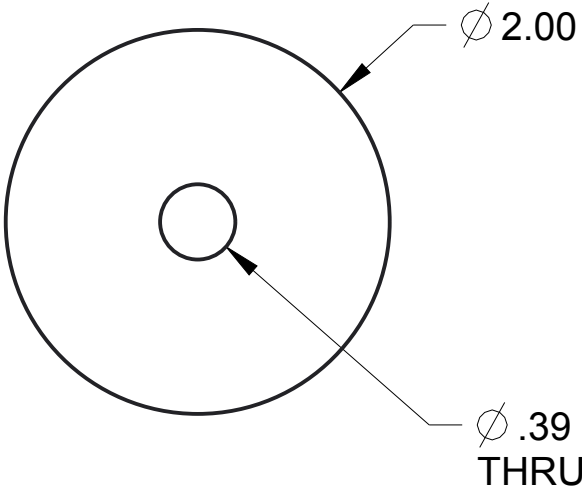
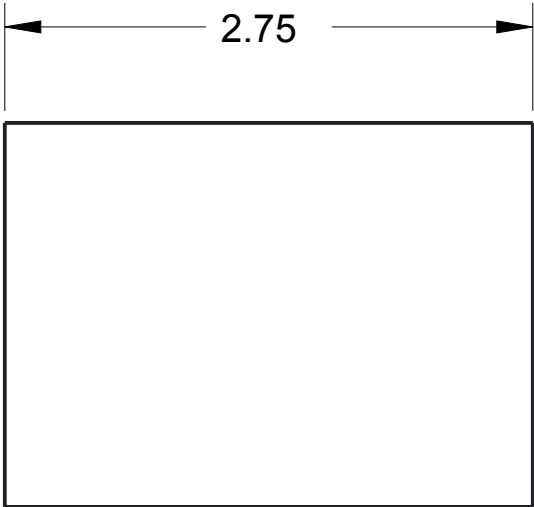
- NOTES:
- 1. MATERIAL: 1" SCHEDULE 40 PIPE, 6061 ALUMINUM
 - 2. REMOVE ALL BURRS AND SHARP EDGES

		DRAWN BY		DATE
		CHECKED BY		DATE
		APPROVED BY		DATE
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°		TITLE UPPER ROLLER		
		PROJECT		MODEL NAME GE-16205
DO NOT SCALE				





NOTES:
1. MATERIAL: 1-1/2" X .125" ANGLE, 6063 ALUMINUM
2. REMOVE ALL BURRS AND SHARP EDGES

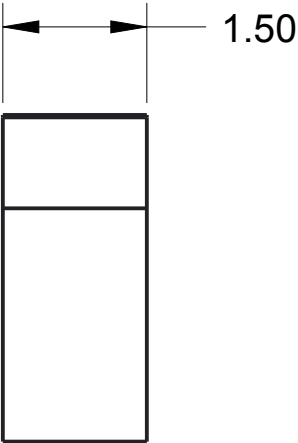
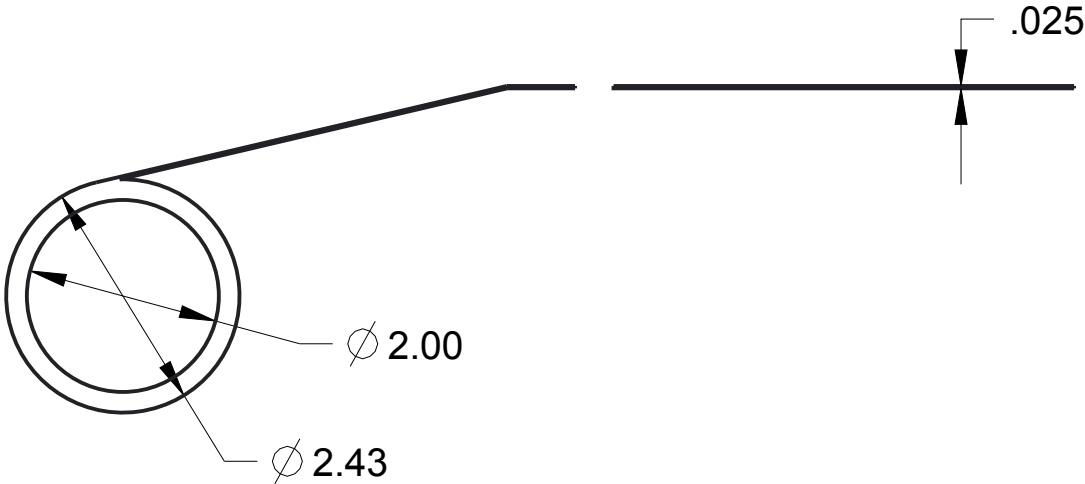
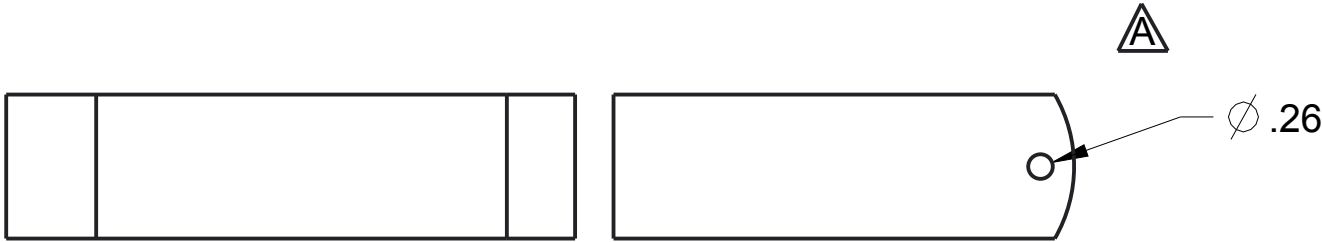
		DRAWN BY	DATE
		CHECKED BY	DATE
		APPROVED BY	DATE
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- .1	TITLE ANGLE, SPRING		
	PROJECT	MODEL NAME GE-16207	ISSUE
	DO NOT SCALE		



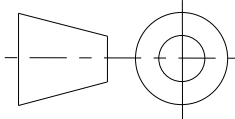
- NOTES:
- 1. MATERIAL: WHITE OR NATURAL HDPE
 - 2. REMOVE ALL BURRS AND SHARP EDGES

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
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	TITLE SPOOL	
<div><div>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- </div><div>DO NOT SCALE</div></div>	PROJECT	MODEL NAME GE-16208
	ISSUE	

REV	LOCATION	DESCRIPTION	APPROVED	DATE
A	B1 D2	Updated Manufacturer PN Updated Hole size	NJS	2/4/2016



NOTES:
1. VULCAN SPRING PN: J25S65FR
2. FORCE: 23 LBS
3. LENGTH: 65"



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

DO NOT SCALE



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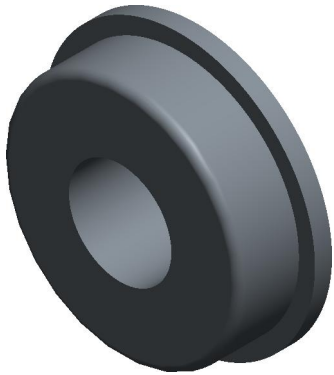
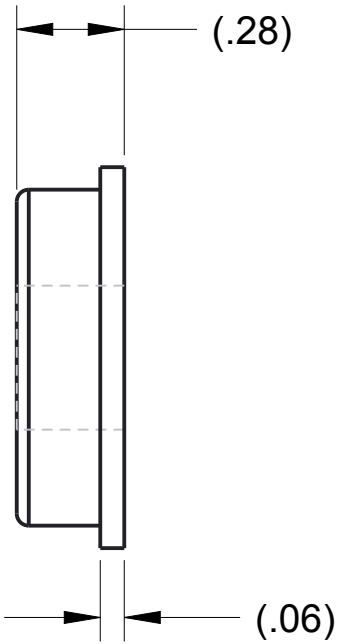
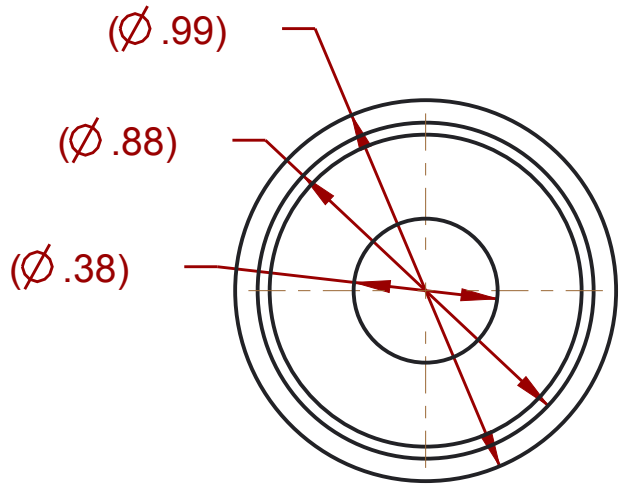
TITLE
SPRING, CONFORCE

PROJECT

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

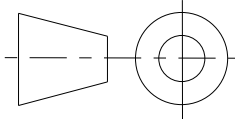
MODEL NAME
GE-16209

ISSUE



NOTE

Material: .875" Flange Bearing, Steel
Scale: 2:1



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

DO NOT SCALE



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TITLE
.875" Flange Bearing for 3/8" Screw

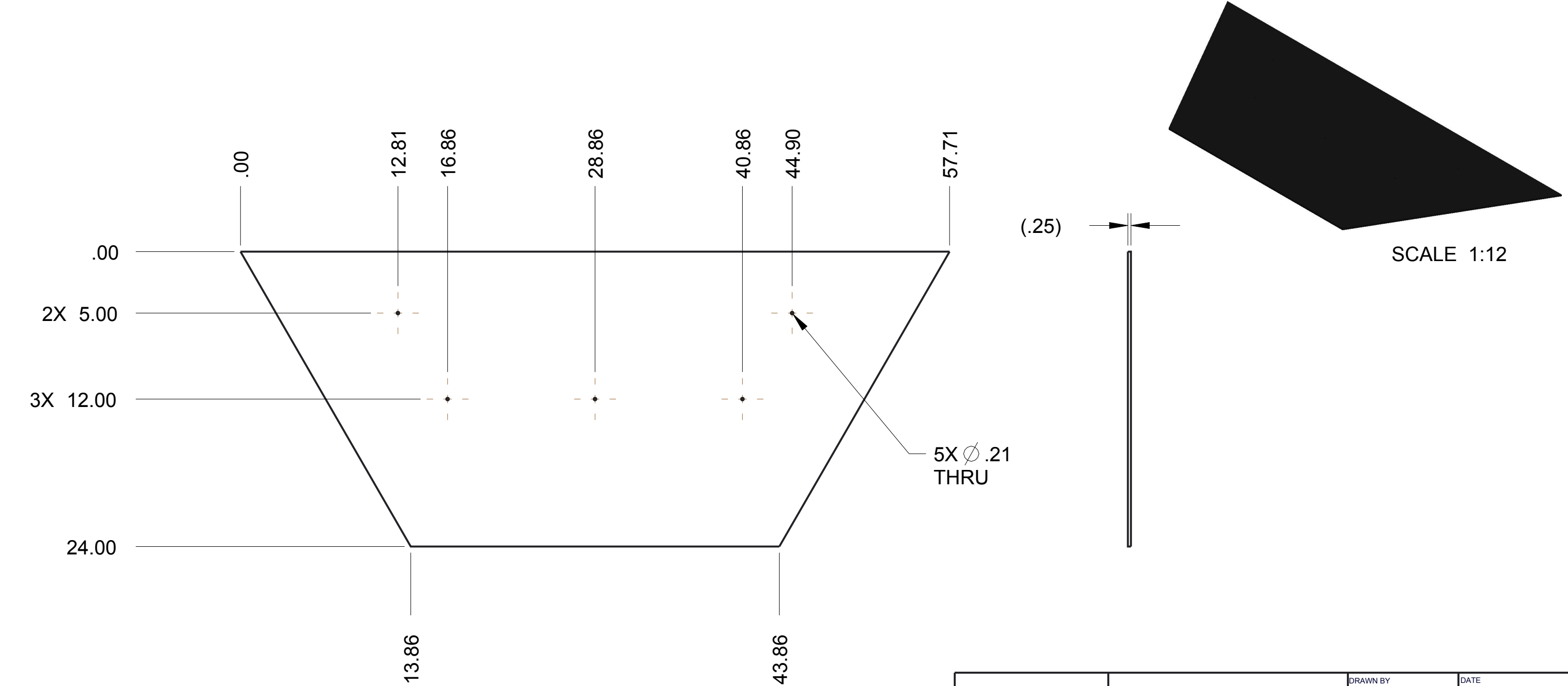
PROJECT

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


MODEL NAME
GE-16210

ISSUE

REV	LOCATION	DESCRIPTION	APPROVED	DATE
A	A-1	Updated Material Note	NJS	3/1/2016



NOTES:
1. MATERIAL: 1/4" THICK, BLACK, HDPE or CLEAR POLYCARBONATE



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

DO NOT SCALE

DRAWN BY

CHECKED BY

APPROVED BY

DATE

DATE

DATE

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SCALE 1:8

SHEET 1 OF 1

TITLE

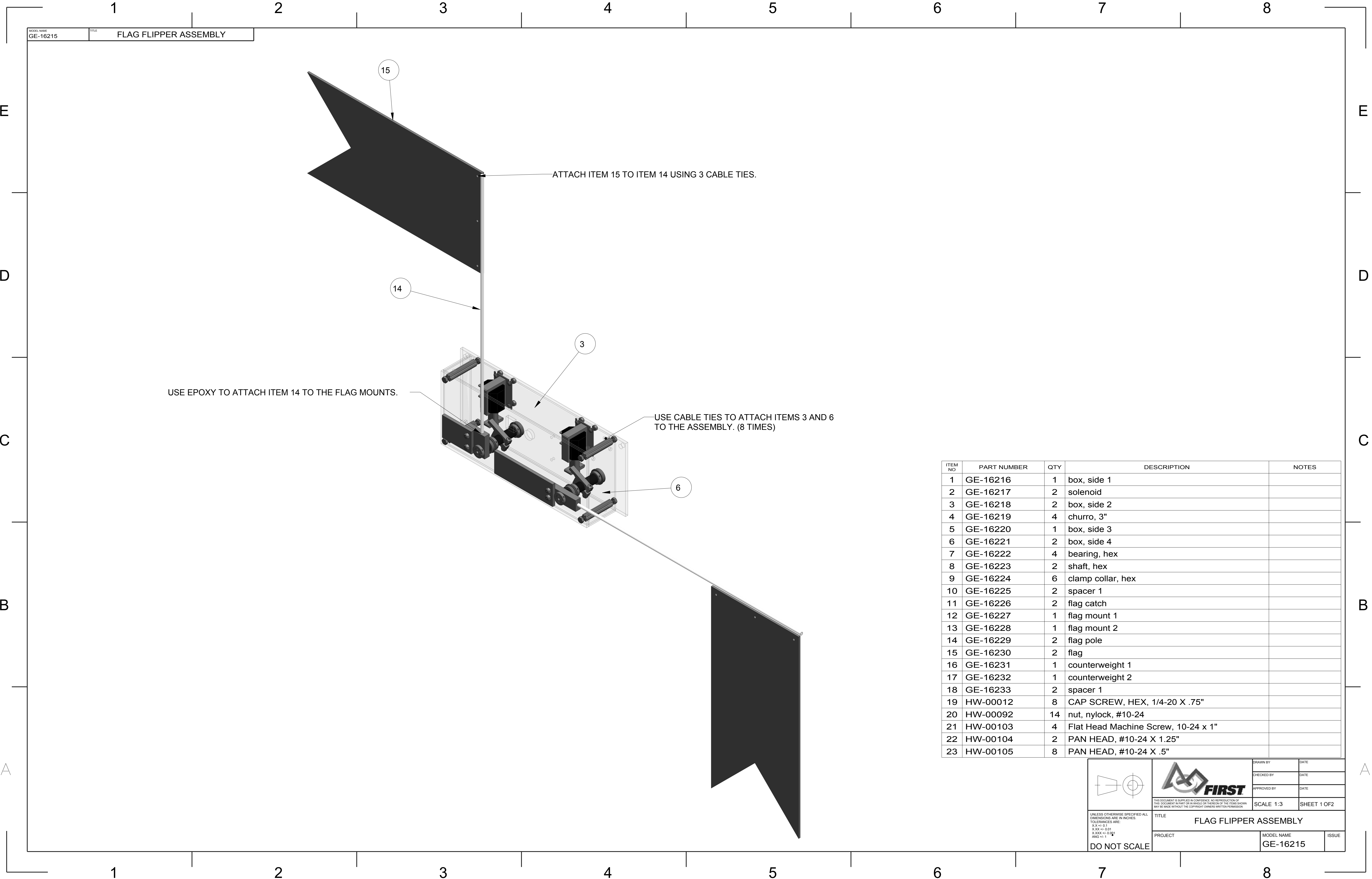
ROOF, TOWER

PROJECT


MODEL NAME

ISSUE

GE-16213



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16216	1	box, side 1	
2	GE-16217	2	solenoid	
3	GE-16218	2	box, side 2	
4	GE-16219	4	churro, 3"	
5	GE-16220	1	box, side 3	
6	GE-16221	2	box, side 4	
7	GE-16222	4	bearing, hex	
8	GE-16223	2	shaft, hex	
9	GE-16224	6	clamp collar, hex	
10	GE-16225	2	spacer 1	
11	GE-16226	2	flag catch	
12	GE-16227	1	flag mount 1	
13	GE-16228	1	flag mount 2	
14	GE-16229	2	flag pole	
15	GE-16230	2	flag	
16	GE-16231	1	counterweight 1	
17	GE-16232	1	counterweight 2	
18	GE-16233	2	spacer 1	
19	HW-00012	8	CAP SCREW, HEX, 1/4-20 X .75"	
20	HW-00092	14	nut, nylock, #10-24	
21	HW-00103	4	Flat Head Machine Screw, 10-24 x 1"	
22	HW-00104	2	PAN HEAD, #10-24 X 1.25"	
23	HW-00105	8	PAN HEAD, #10-24 X .5"	

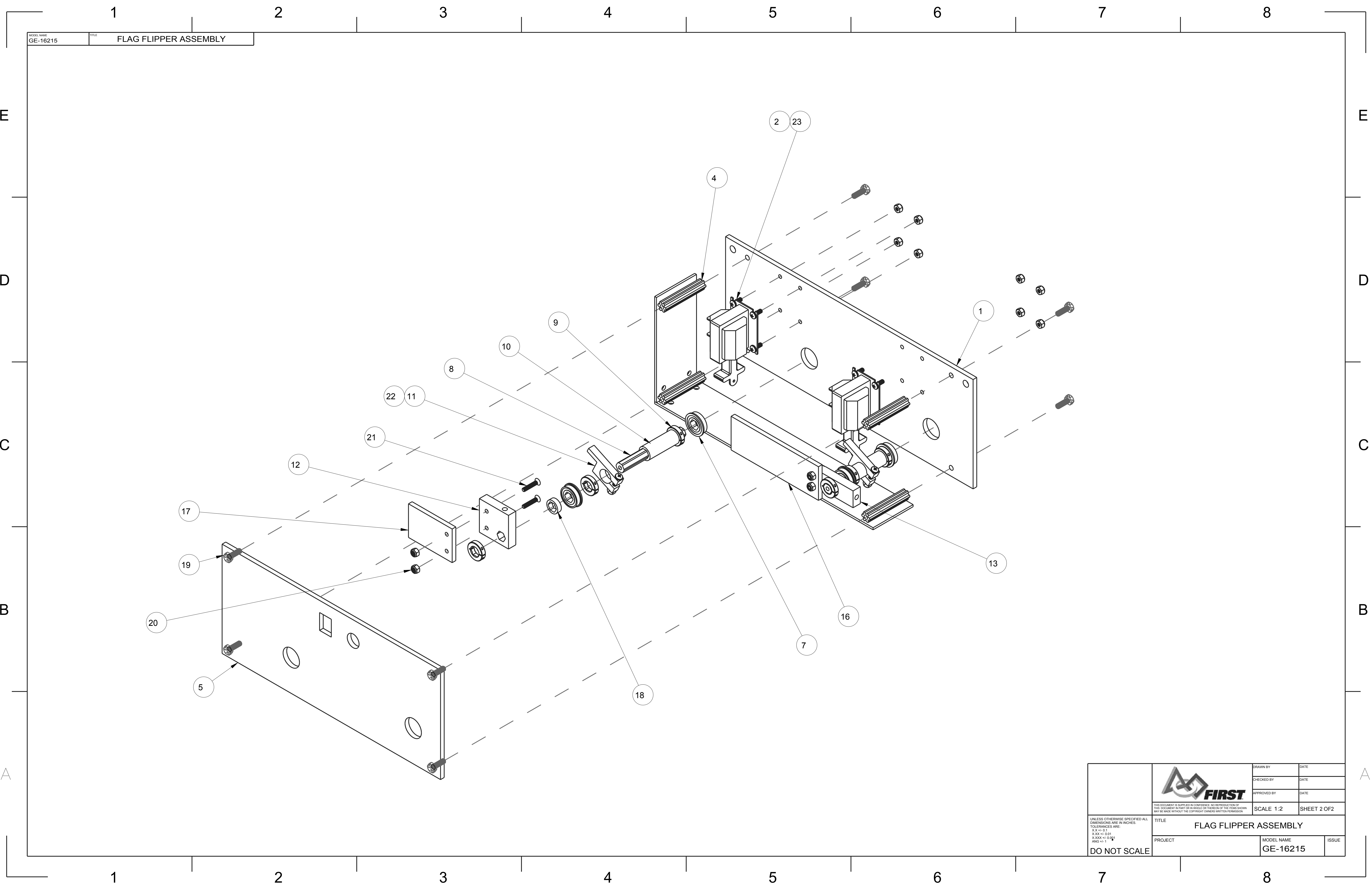



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.
X.XX +/- 0.1
X.XXX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1

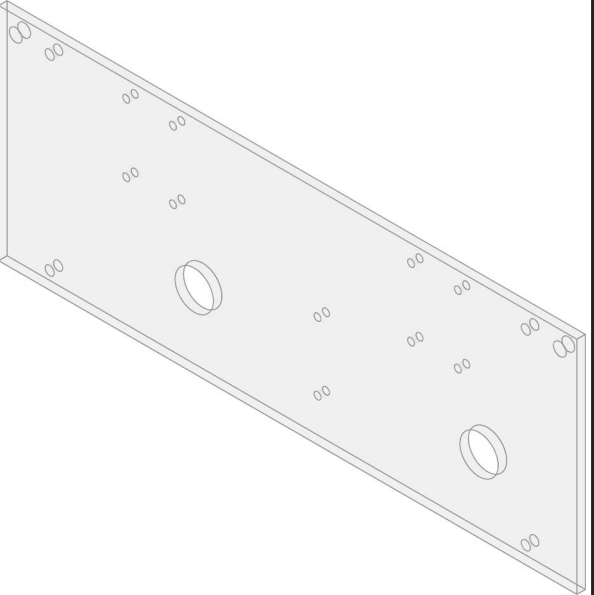
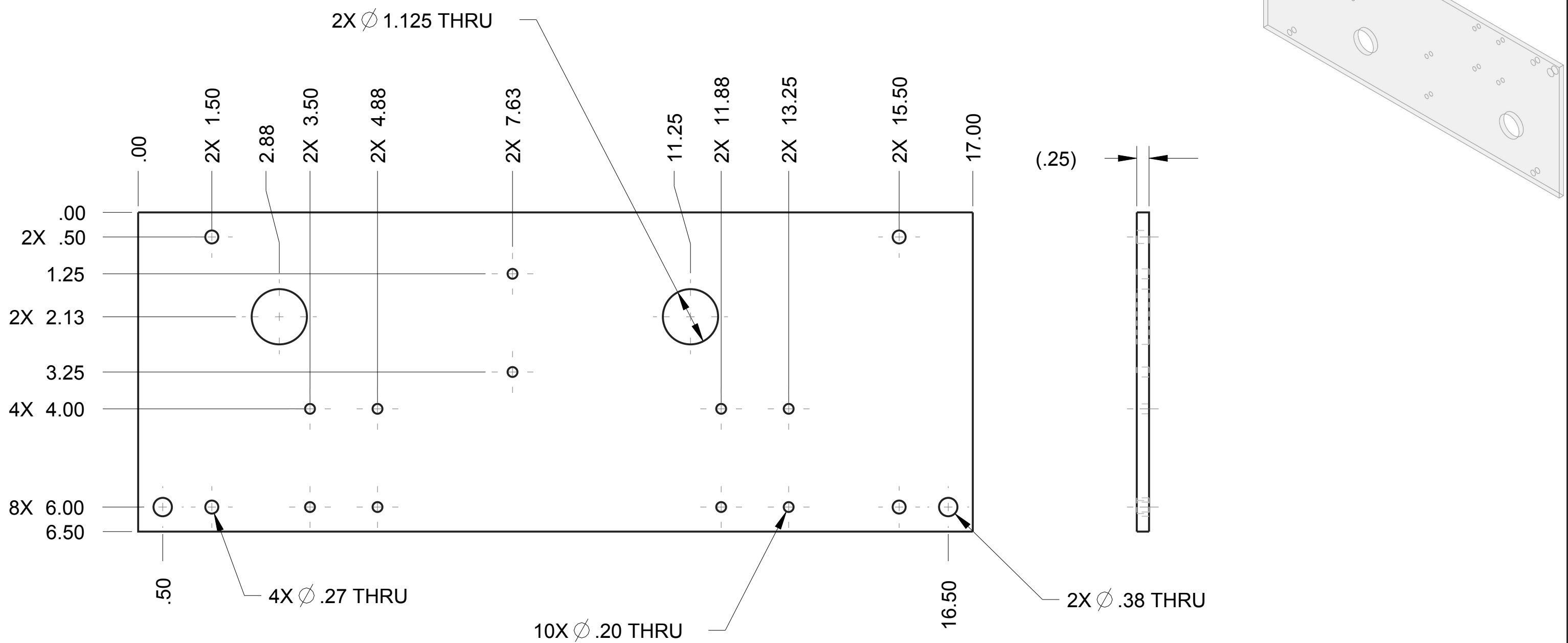
DO NOT SCALE

TITLE FLAG FLIPPER ASSEMBLY	
PROJECT	MODEL NAME GE-16215
ISSUE	

DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
SCALE 1:3	SHEET 1 OF 2



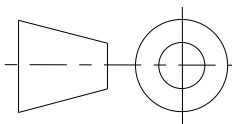

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.XX ±0.1 X.XXX ±0.01 X.XXX ±0.001 ANG ±1		DRAWN BY	DATE		
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		APPROVED BY	DATE		
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	DO NOT SCALE	TITLE FLAG FLIPPER ASSEMBLY		SCALE 1:2	
PROJECT		MODEL NAME GE-16215		ISSUE	

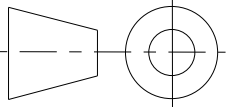


NOTE

Material: Clear Polycarbonate, .25" Thick

Scale: 1:2

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		APPROVED BY	DATE
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°			
TITLE <div>BOX, SIDE 1</div>			
PROJECT		MODEL NAME GE-16216	ISSUE
DO NOT SCALE			



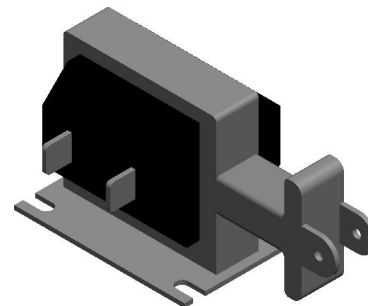
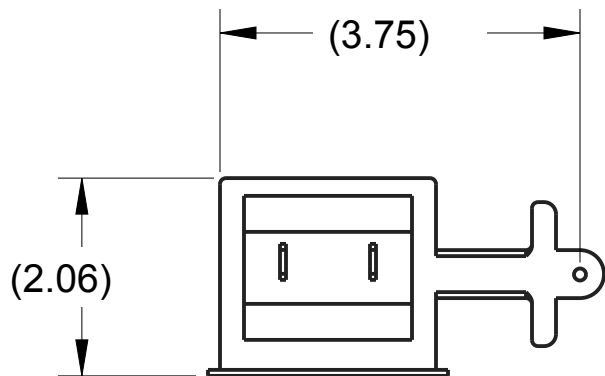
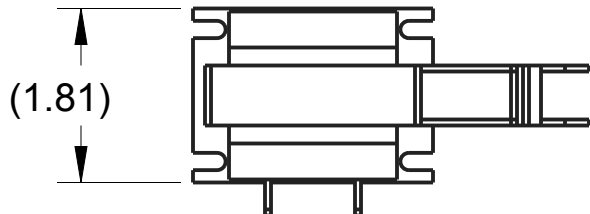
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
X.X +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

DO NOT SCALE

MODEL NAME
GE-16217


TITLE

SOLENOID



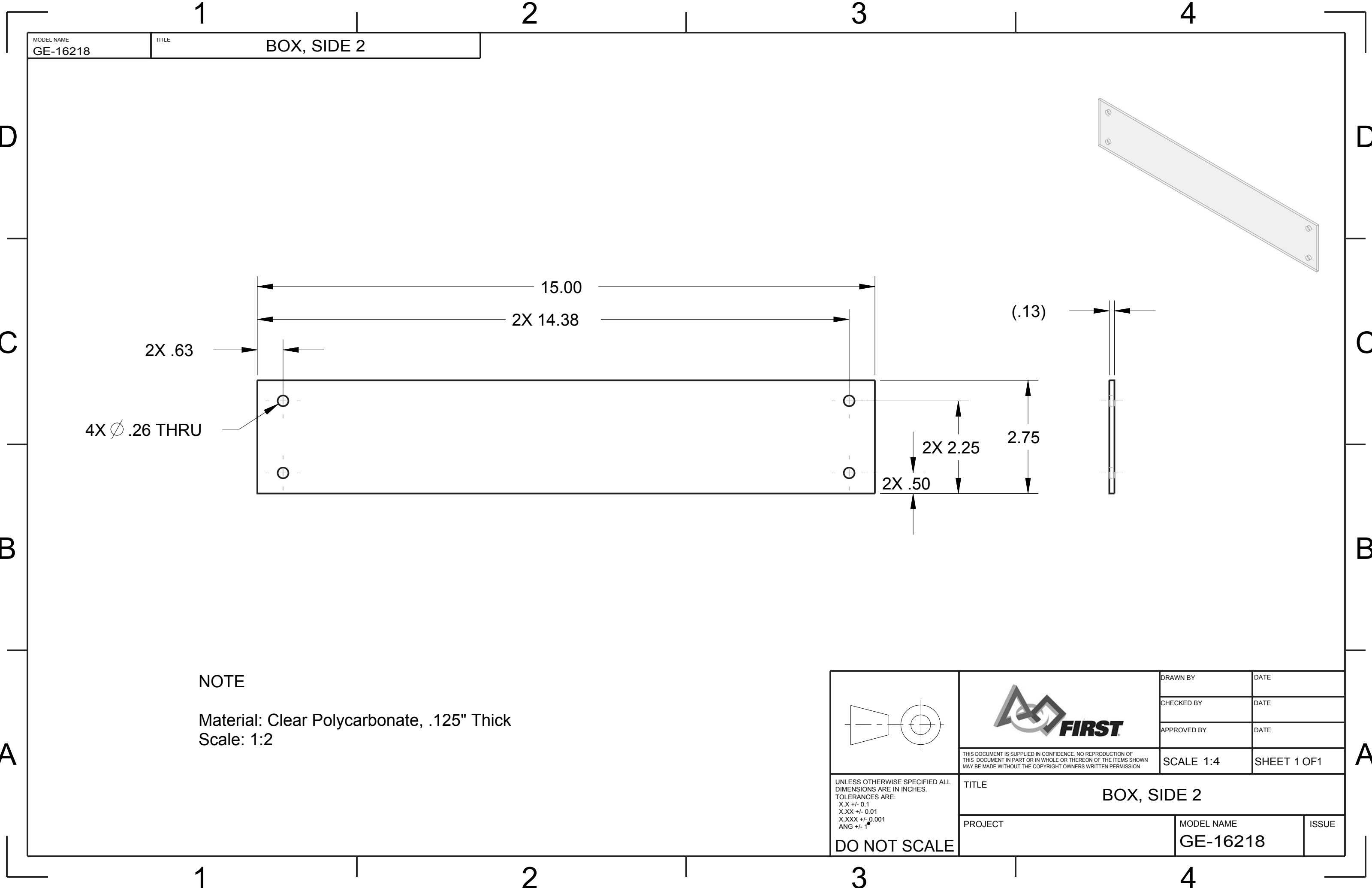
NOTES:

1. MANUFACTURED BY: DORMEYER PRODUCTS
2. PART NUMBER: 2005-M-1

	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
	SCALE 1:2 SHEET 1 OF 1	
TITLE SOLENOID		
PROJECT		MODEL NAME GE-16217
ISSUE		

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

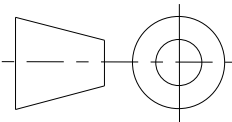

DO NOT SCALE



NOTE

Material: Clear Polycarbonate, .125" Thick

Scale: 1:2

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°	TITLE BOX, SIDE 2		
	PROJECT	MODEL NAME GE-16218	ISSUE
DO NOT SCALE			

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

DO NOT SCALE

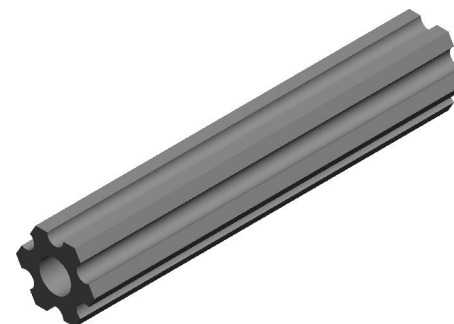
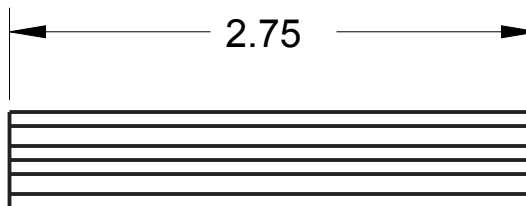
MODEL NAME
GE-16219

TITLE

CHURRO, 2.75"




1/4-20 ∇ .75 TAPPED HOLE
BOTH ENDS



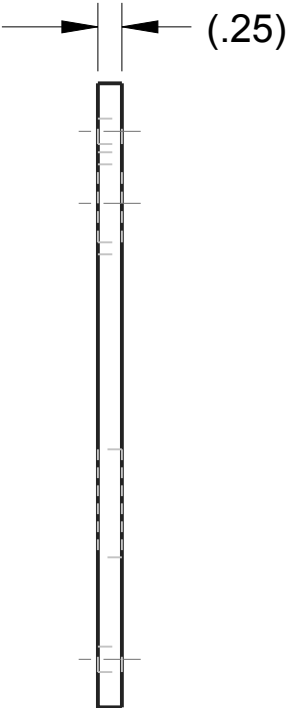
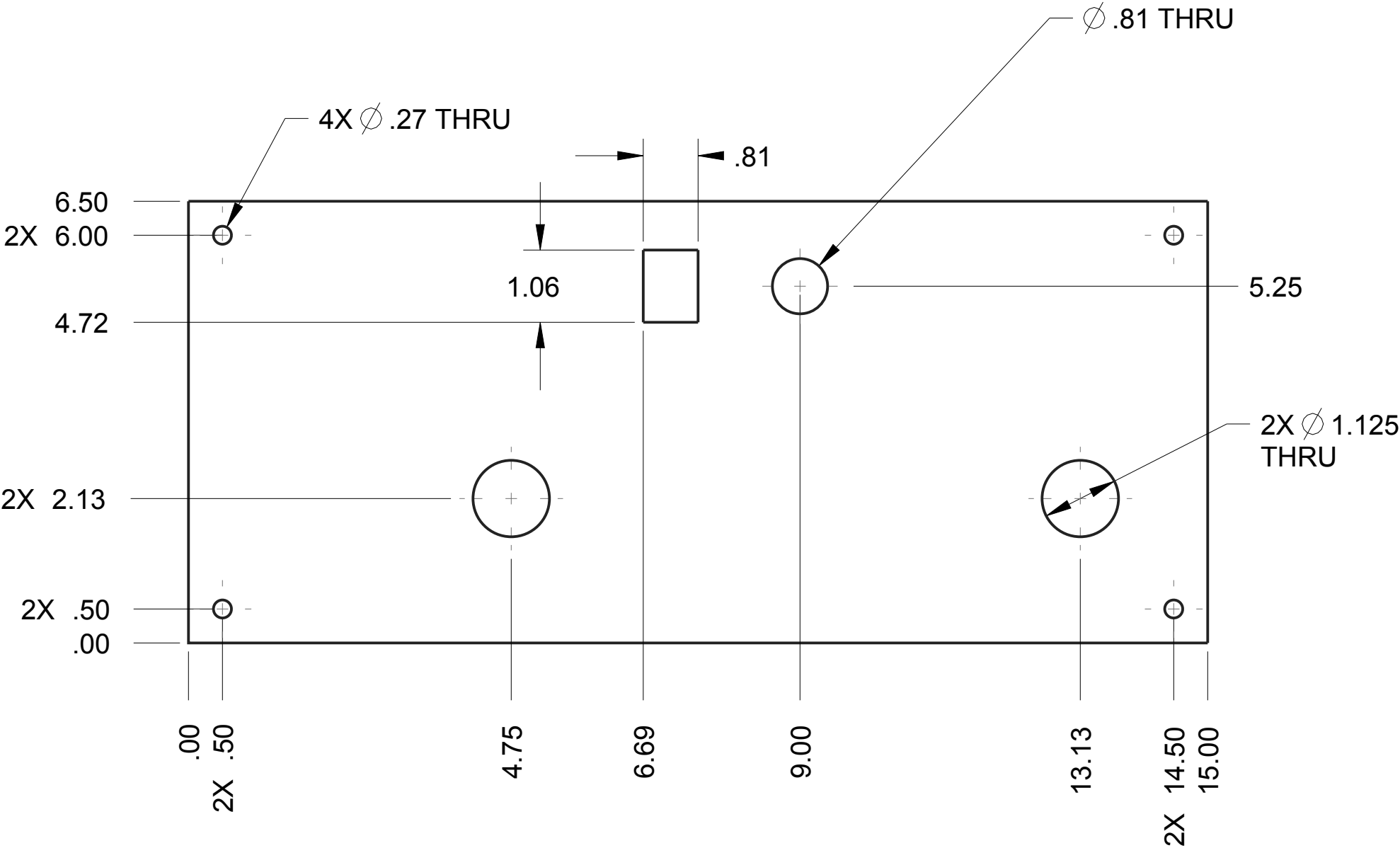
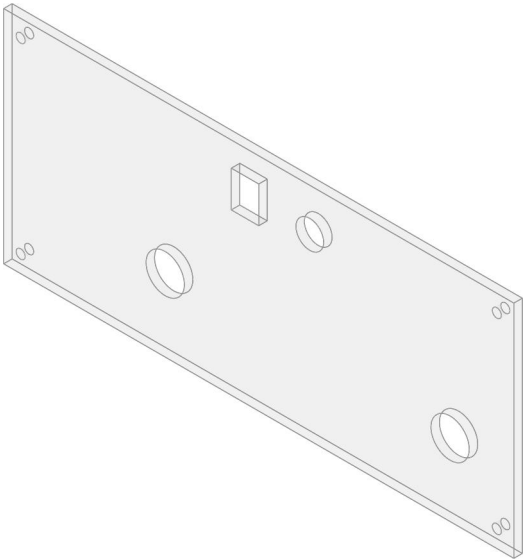
NOTES:

1. MAKE FROM ANDYMARK PAR NUMBER: AM-2974
2. REMOVE ALL BURRS AND SHARP EDGES.

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	CHECKED BY	DATE
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	SCALE 1:1	SHEET 1 OF 1
TITLE CHURRO, 2.75"		
PROJECT	MODEL NAME GE-16219	ISSUE

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


DO NOT SCALE

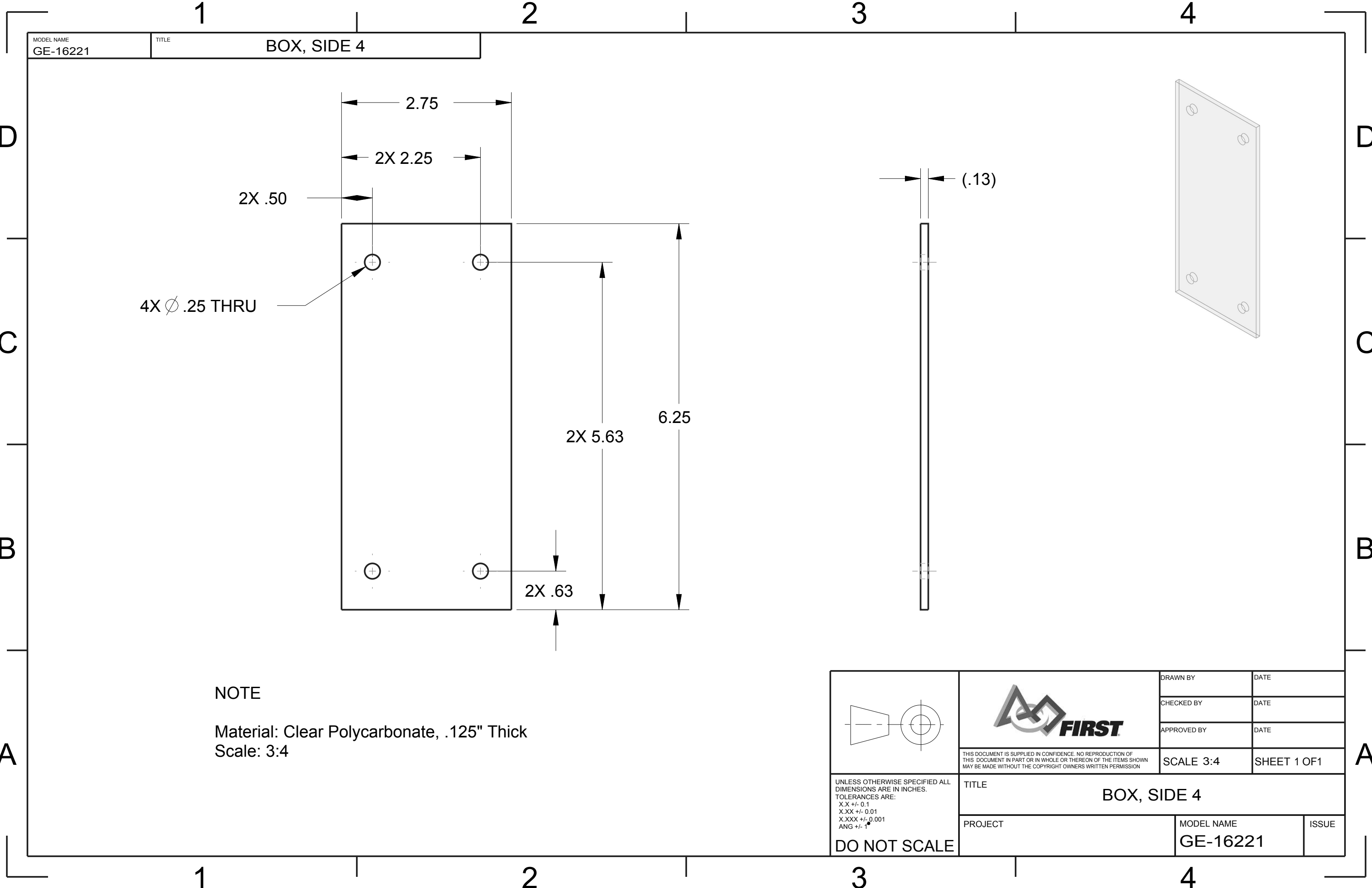


NOTE

Material: Clear Polycarbonate, .25" Thick

Scale: 1:2


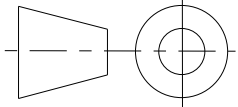
	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
<p>THIS DOCUMENT IS SUPPLIED IN CONFIDENCE. NO REPRODUCTION OF THIS DOCUMENT IN PART OR IN WHOLE OR THEREON OF THE ITEMS SHOWN MAY BE MADE WITHOUT THE COPYRIGHT OWNERS WRITTEN PERMISSION</p>	SCALE 1:4	SHEET 1 OF 1
	TITLE BOX, SIDE 3	
<p>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°</p> <p>DO NOT SCALE</p>	PROJECT	MODEL NAME GE-16220
	ISSUE	

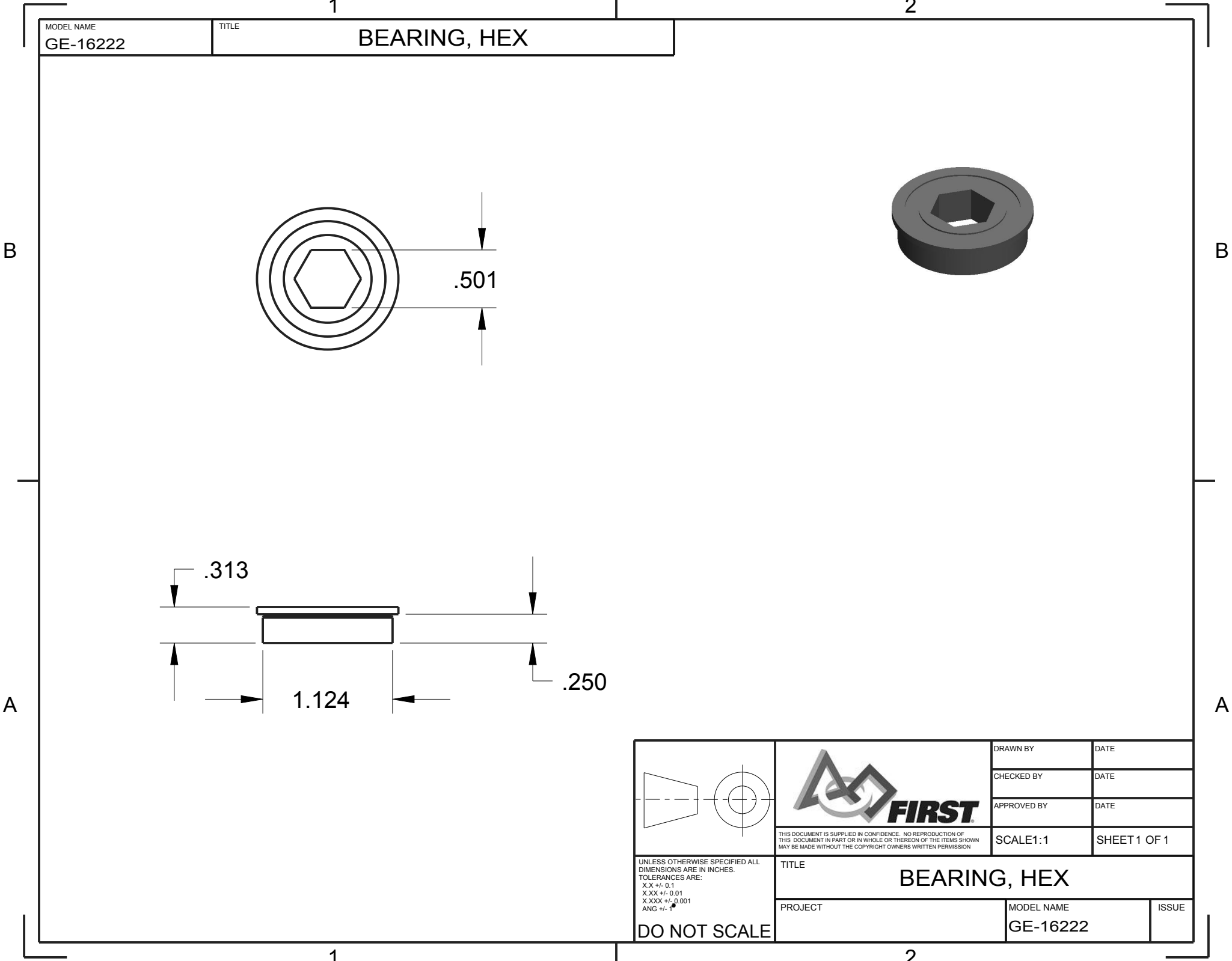


4X Ø .25 THRU

NOTE

Material: Clear Polycarbonate, .125" Thick
Scale: 3:4

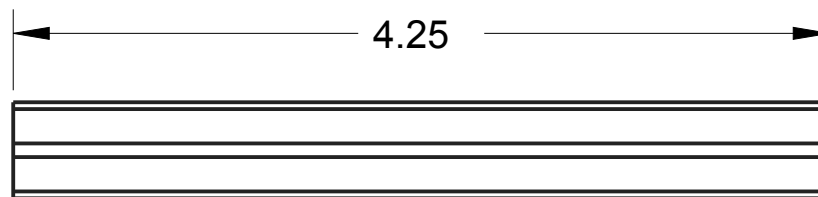
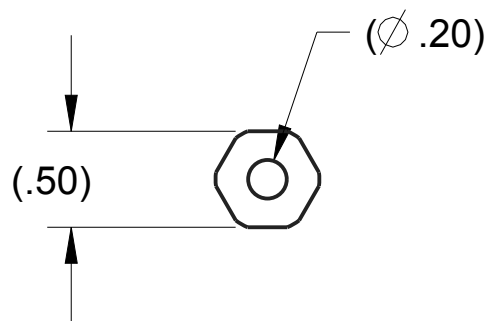
	DRAWN BY	DATE
	CHECKED BY	DATE
	APPROVED BY	DATE
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	SCALE 3:4	SHEET 1 OF 1
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°	TITLE BOX, SIDE 4	
	PROJECT	MODEL NAME GE-16221
DO NOT SCALE	ISSUE	



MODEL NAME
GE-16223

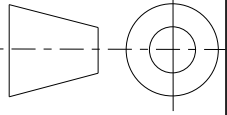

TITLE

SHAFT, HEX



NOTES:

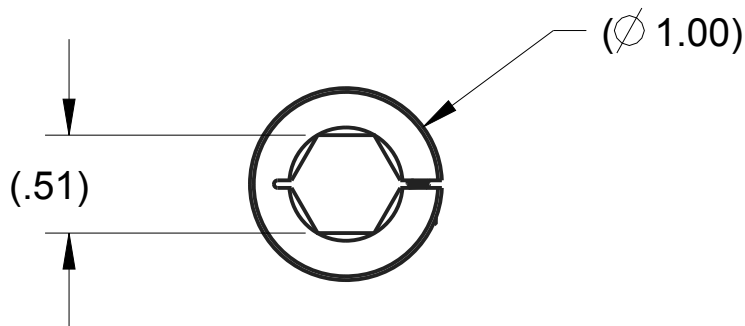
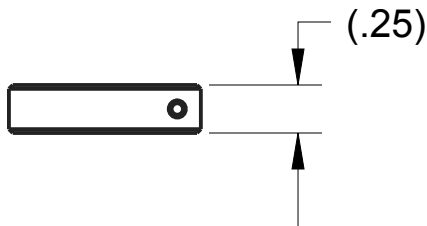
1. MATERIAL: 6061 ALUMINUM
2. REMOVE BURRS AND SHARP EDGES


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		CHECKED BY	DATE
<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XXX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°</small>	TITLE SHAFT, HEX	APPROVED BY	DATE
		SCALE 1:1	SHEET 1 OF 1
DO NOT SCALE	PROJECT	MODEL NAME GE-16223	ISSUE

MODEL NAME
GE-16224

TITLE

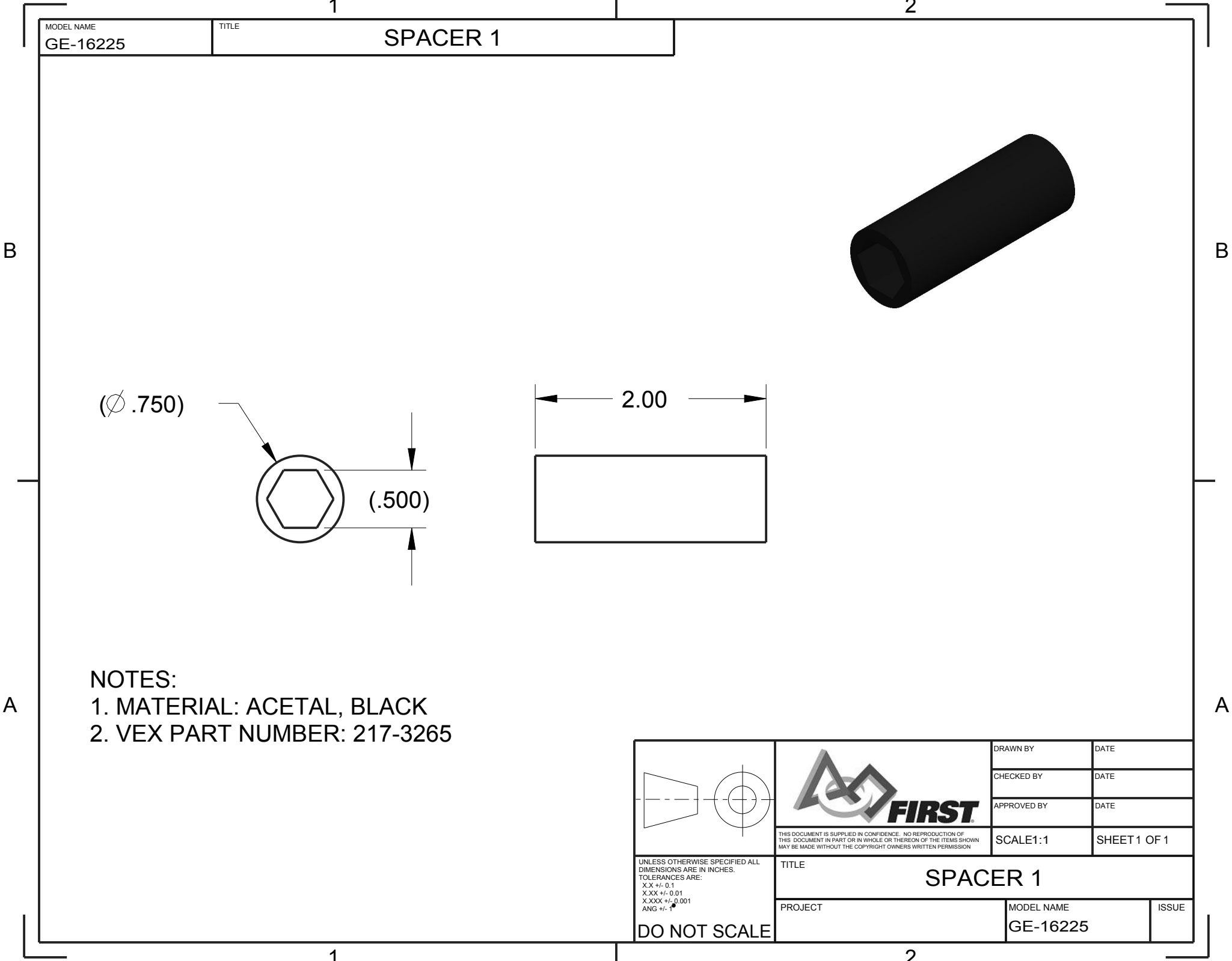
CLAMP COLLAR, HEX



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	CHECKED BY	DATE	
	APPROVED BY	DATE	
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TITLE CLAMP COLLAR, HEX			
PROJECT		MODEL NAME GE-16224	ISSUE

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

DO NOT SCALE



MODEL NAME
GE-16225

TITLE

SPACER 1


(Ø .750)

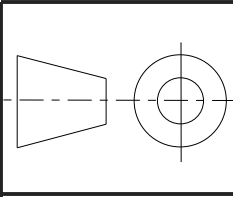
(.500)

2.00

NOTES:

- 1. MATERIAL: ACETAL, BLACK
- 2. VEX PART NUMBER: 217-3265

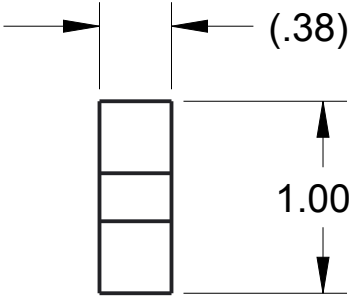
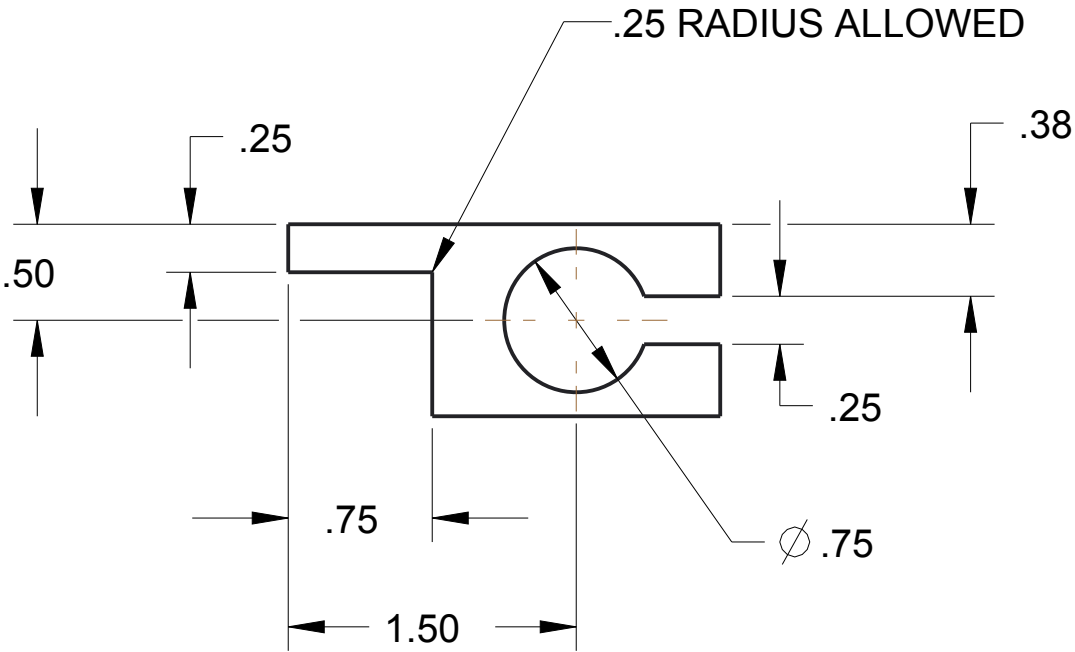
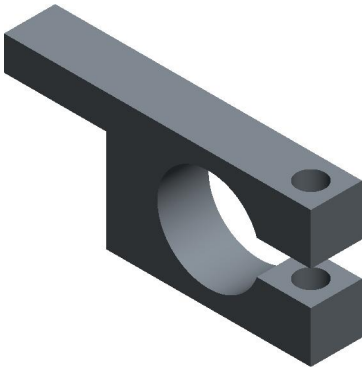
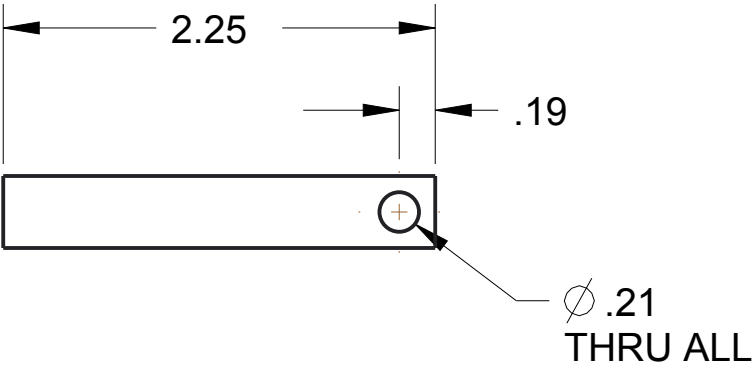
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	CHECKED BY	DATE	
	APPROVED BY	DATE	
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TITLE SPACER 1			
PROJECT		MODEL NAME GE-16225	ISSUE



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

DO NOT SCALE

REV	LOCATION	DESCRIPTION	APPROVED	DATE
A	A1	Changed Material	NJS	1/13/2016



NOTES:
1. MATERIAL: 3/8" ALUMINUM, 5052
REMOVE BURRS AND SHARP EDGES

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

DO NOT SCALE

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SCALE 1:1

SHEET 1 OF 1

TITLE

PROJECT

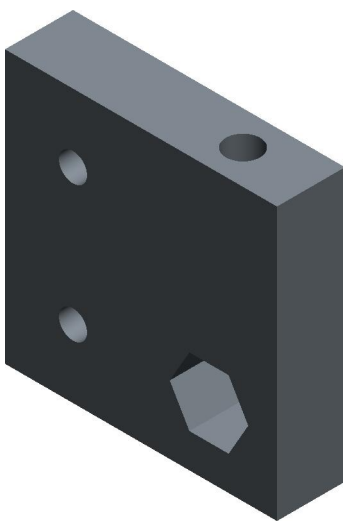
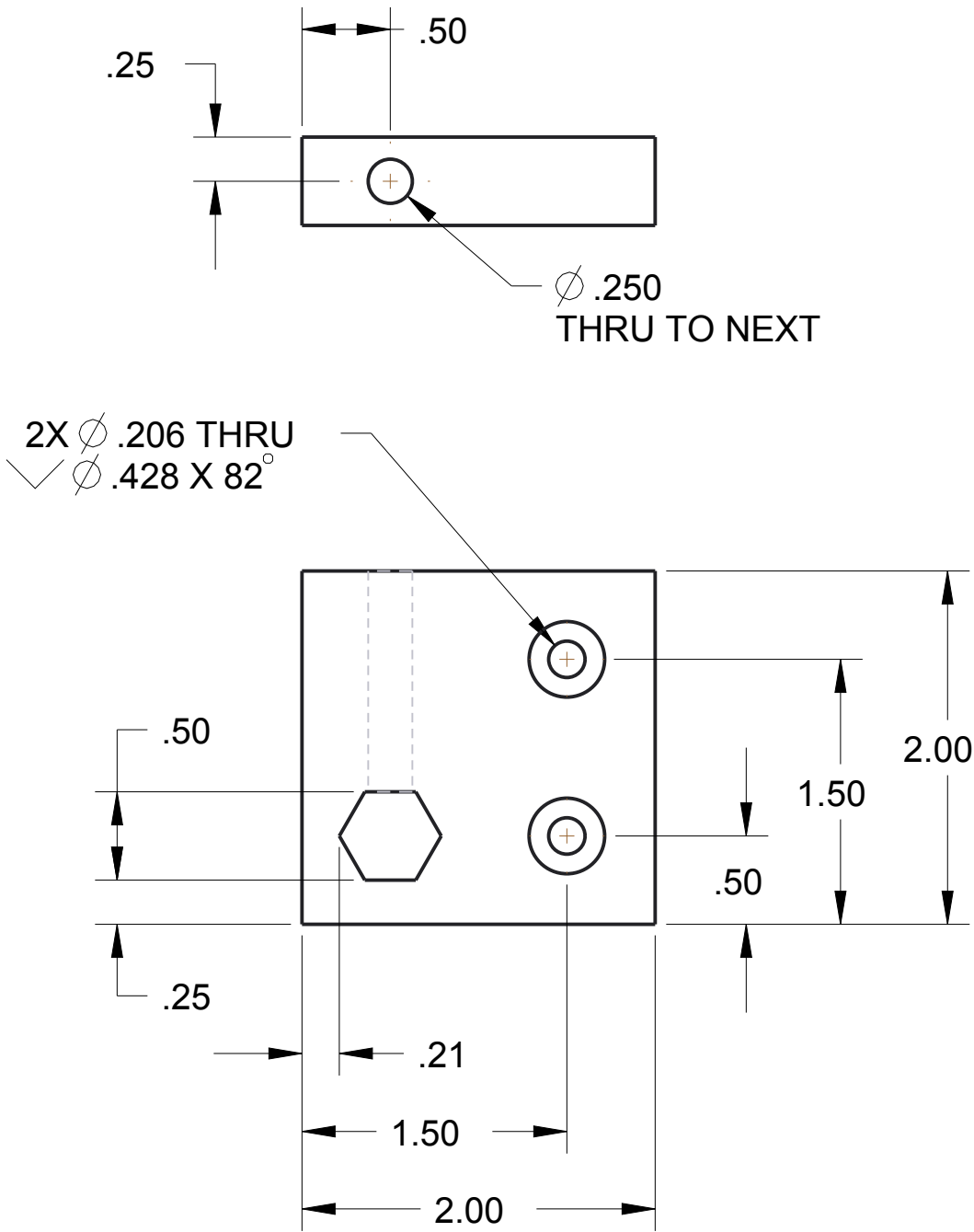
FLAG CATCH

MODEL NAME

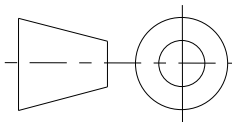

GE-16226

ISSUE

REV	LOCATION	DESCRIPTION	APPROVED	DATE
A	B3	Changed Material	NJS	1/13/2016

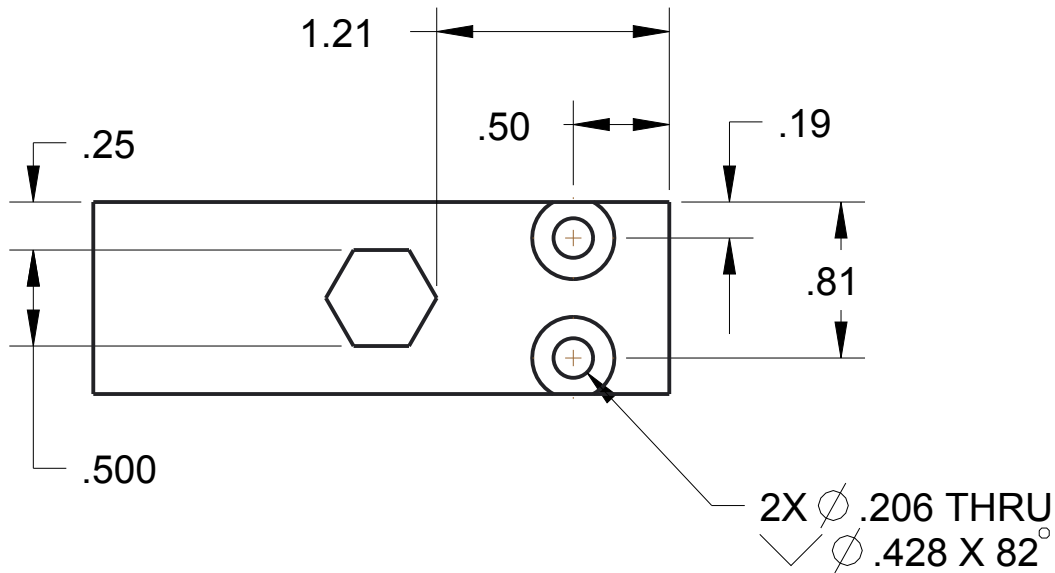
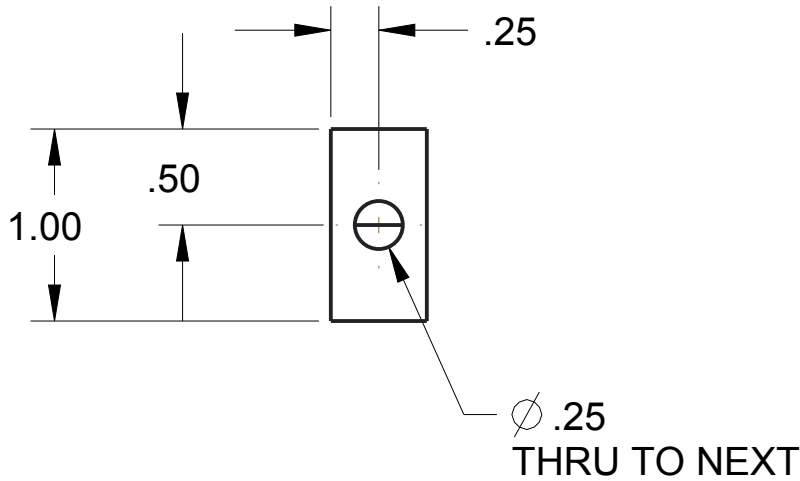
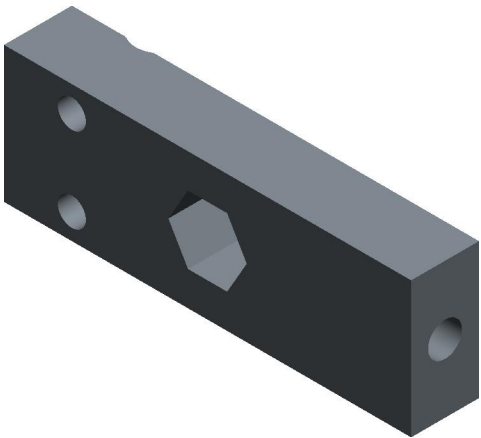
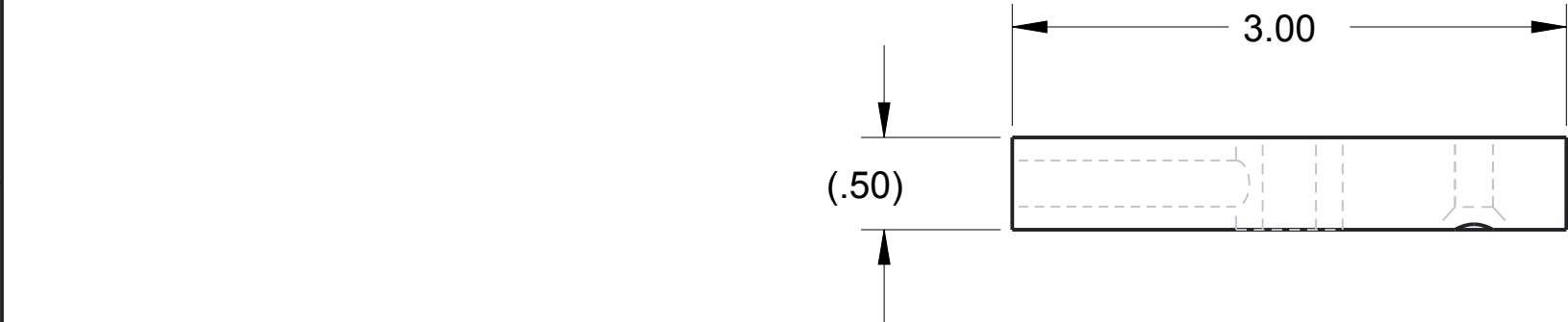


- NOTES:**
1. MATERIAL: 1/2" ALUMINUM, 5052
 2. REMOVE ALL BURRS AND SHARP EDGES

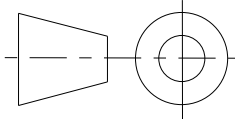
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		APPROVED BY	DATE
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°	TITLE FLAG MOUNT 1		
	PROJECT	MODEL NAME GE-16227	ISSUE
DO NOT SCALE			

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

REV	LOCATION	DESCRIPTION	APPROVED	DATE
A	A1	Changed Material	NJS	1/13/2016



NOTES:
1. MATERIAL: 1/2" ALUMINUM, 5052
2. REMOVE ALL BURRS AND SHARP EDGES



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

DO NOT SCALE



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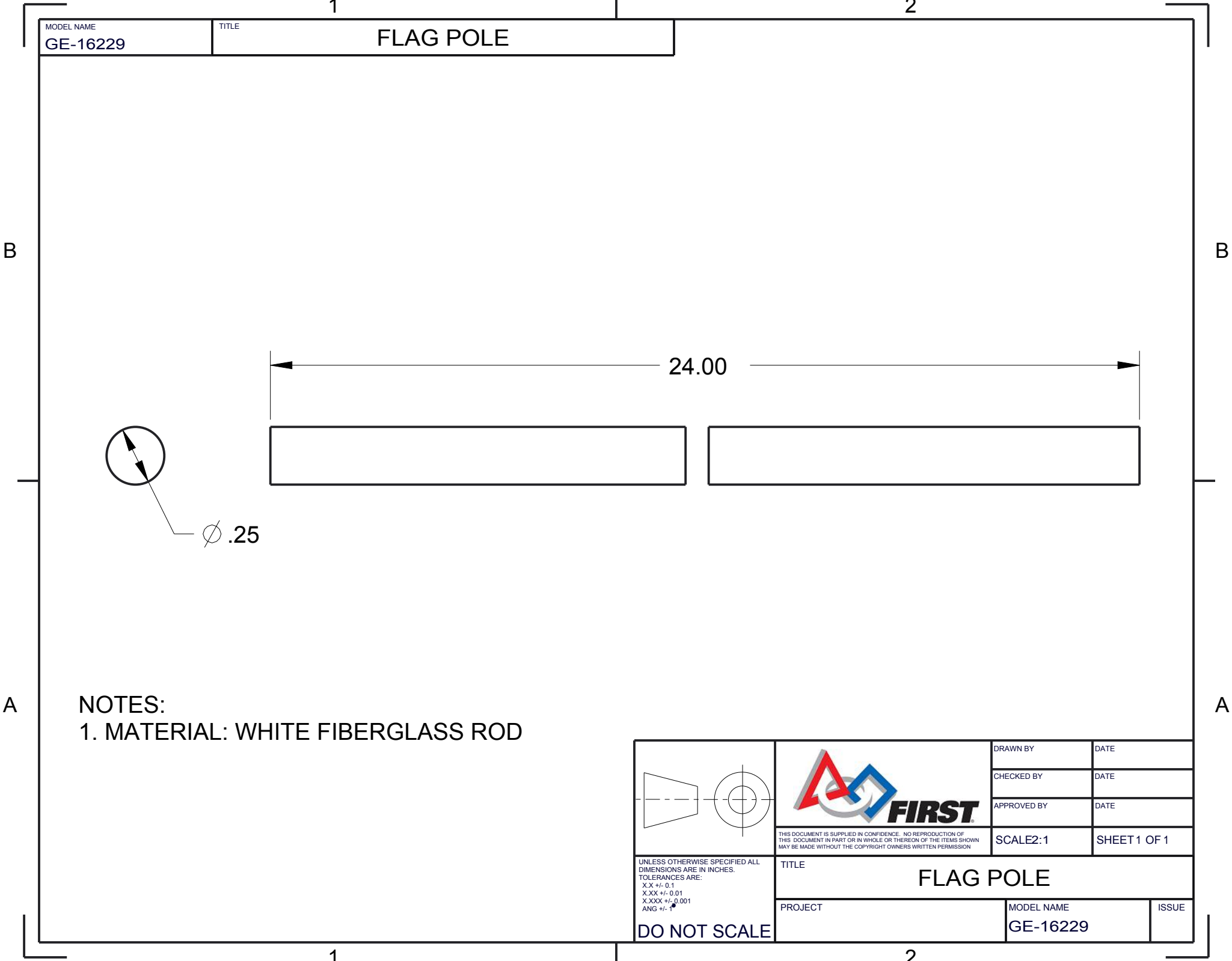
TITLE
FLAG MOUNT 2

PROJECT

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

MODEL NAME
GE-16228

ISSUE



MODEL NAME
GE-16229

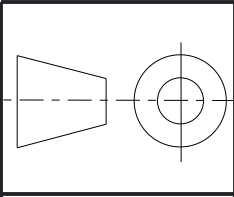

TITLE

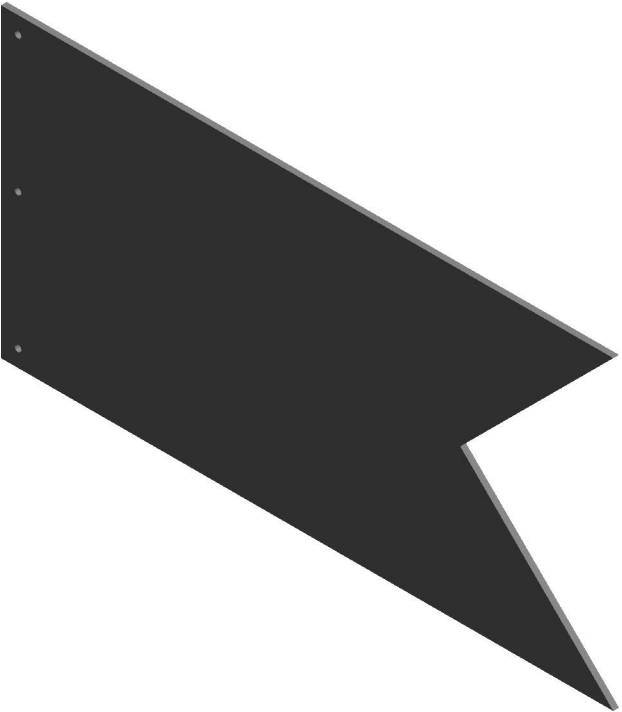
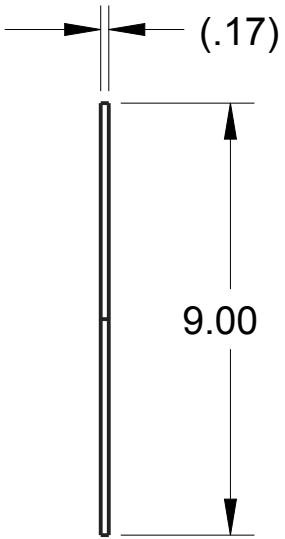
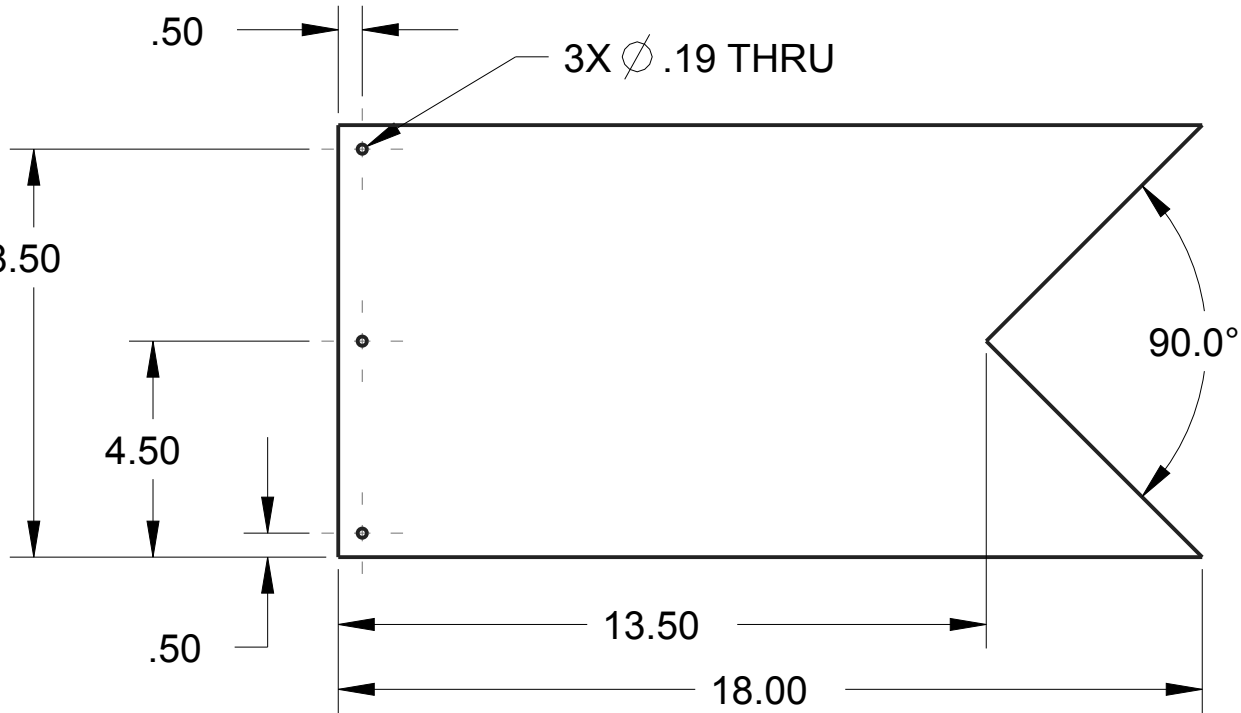
FLAG POLE

24.00


\varnothing .25

NOTES:
1. MATERIAL: WHITE FIBERGLASS ROD

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			APPROVED BY	DATE
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DO NOT SCALE		TITLE FLAG POLE		
PROJECT		MODEL NAME GE-16229		ISSUE




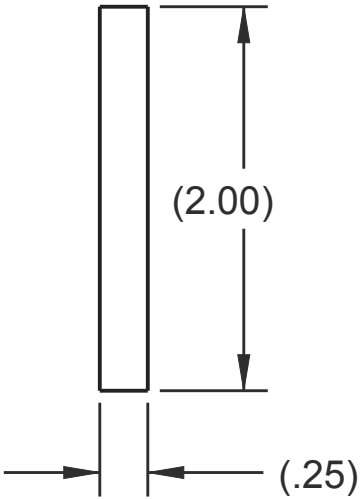
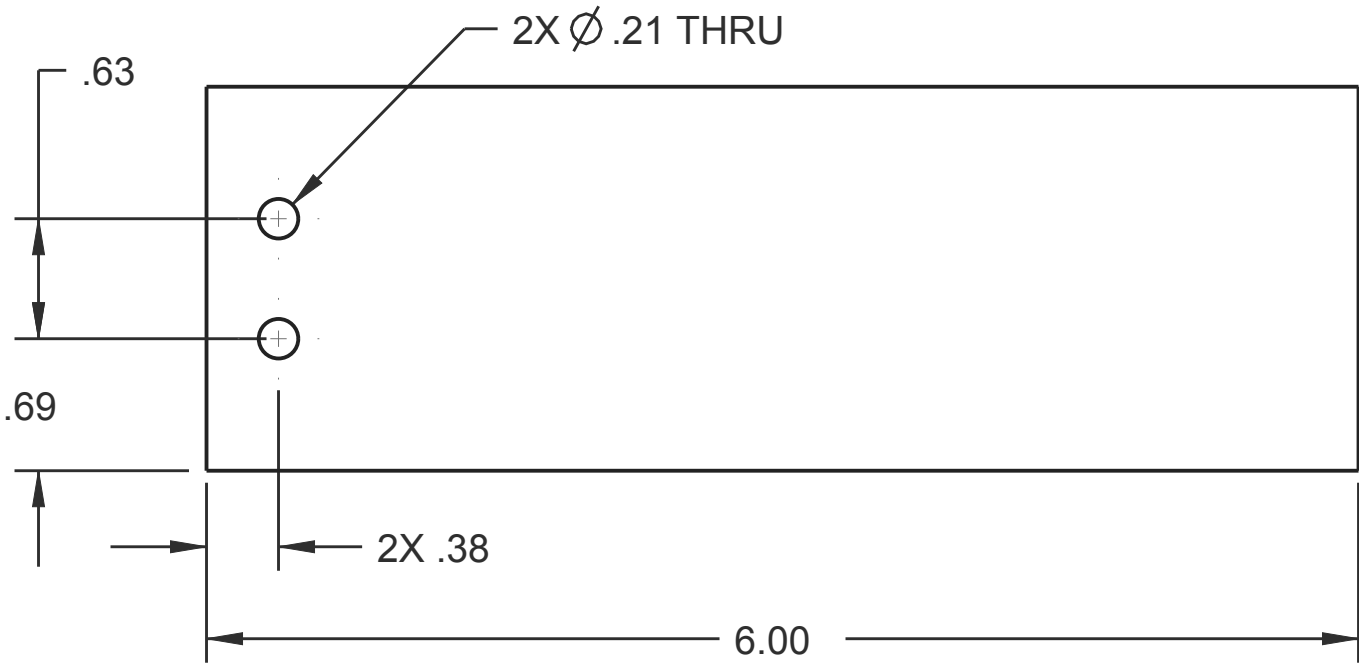
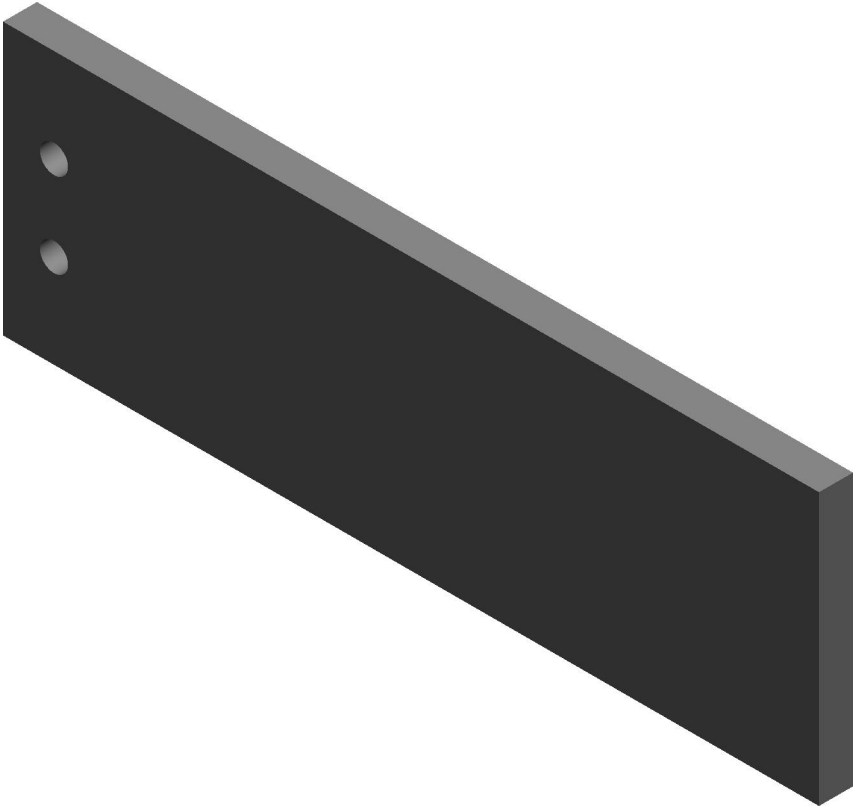
NOTES:
1. MATERIAL: 4mm COROPLAST, RED OR BLUE



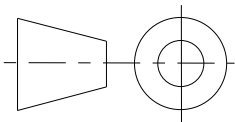

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
X.X +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

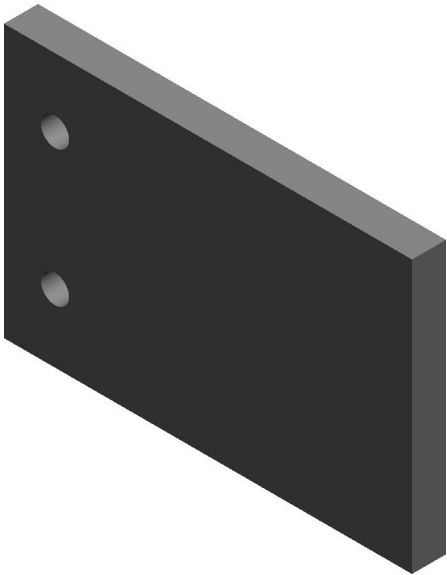
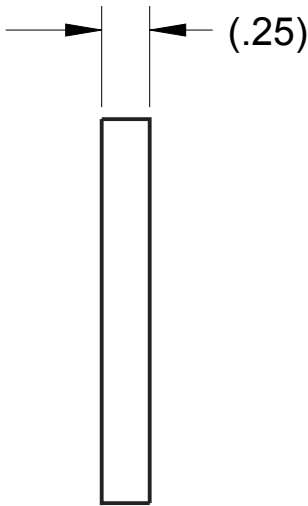
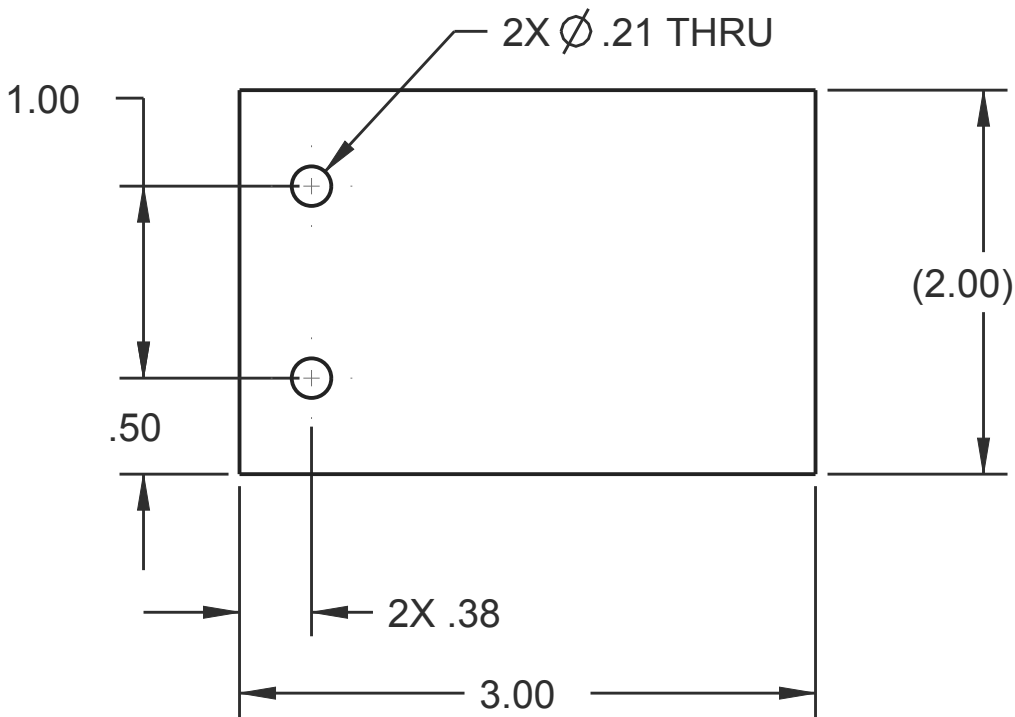
DO NOT SCALE

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	APPROVED BY	DATE	
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TITLE FLAG			
PROJECT		MODEL NAME GE-16230	ISSUE


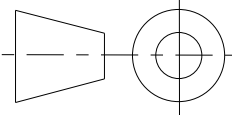


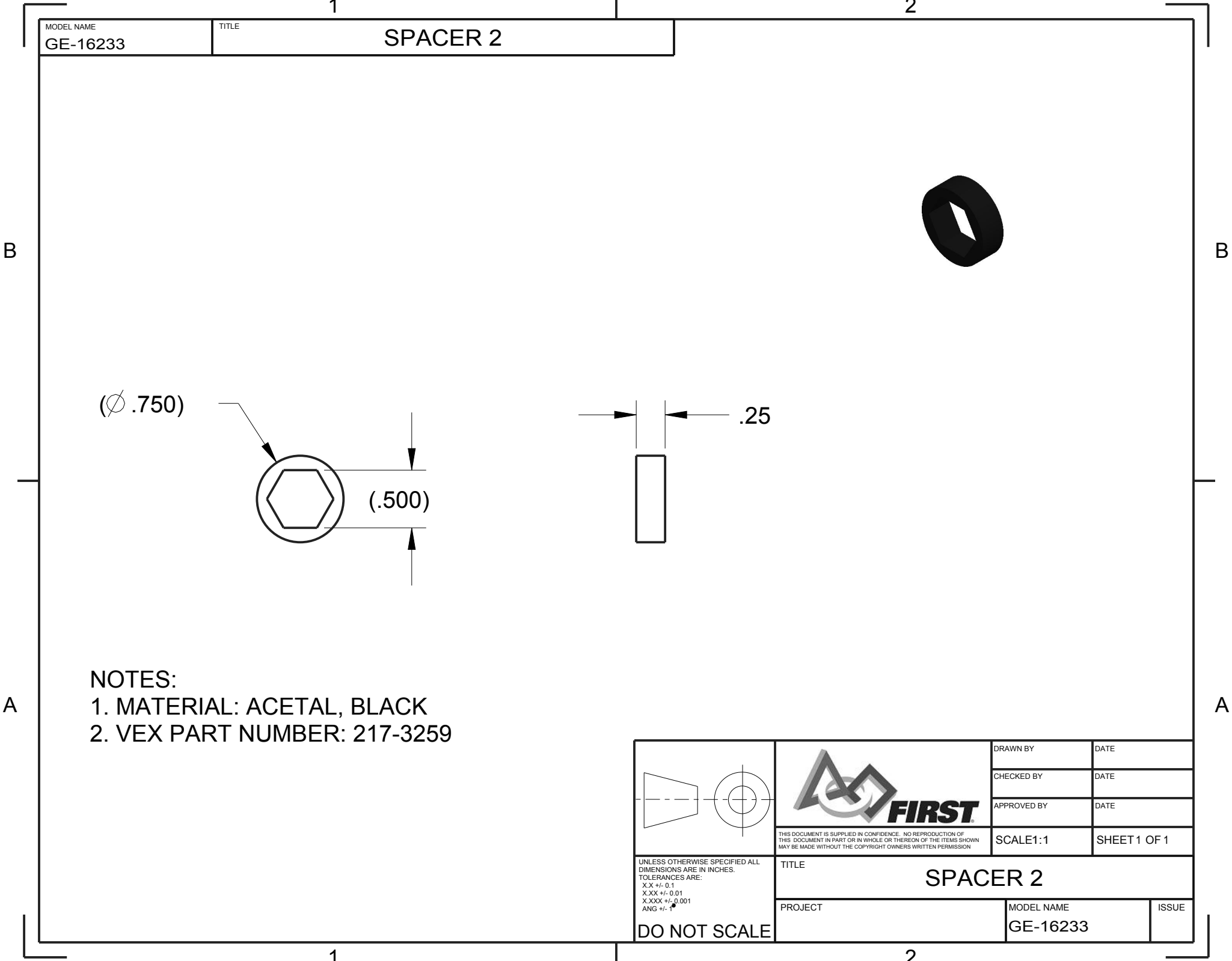
NOTES:
1. MATERIAL: 1/2" X 2" 1018 STEEL BAR
2. REMOVE ALL BURRS AND SHARP EDGES

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		APPROVED BY	DATE
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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1° DO NOT SCALE	TITLE COUNTERWEIGHT 1		
	PROJECT	MODEL NAME GE-16231	ISSUE



NOTES:
1. MATERIAL: 1/2" X 2" 1018 STEEL BAR
2. REMOVE ALL BURRS AND SHARP EDGES.

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	APPROVED BY	DATE
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	TITLE	COUNTERWEIGHT 2
	PROJECT	MODEL NAME GE-16232
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: X.X +/- 0.1 X.XX +/- 0.01 X.XXX +/- 0.001 ANG +/- 1°	DO NOT SCALE	
ISSUE		



MODEL NAME
GE-16233

TITLE


SPACER 2

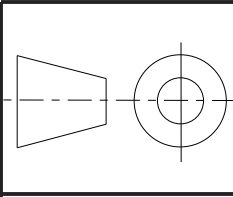
(\varnothing .750)

(.500)

.25

NOTES:
1. MATERIAL: ACETAL, BLACK
2. VEX PART NUMBER: 217-3259

	DRAWN BY	DATE	
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TITLE SPACER 2			
PROJECT		MODEL NAME GE-16233	ISSUE



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

DO NOT SCALE

D

C

B

A

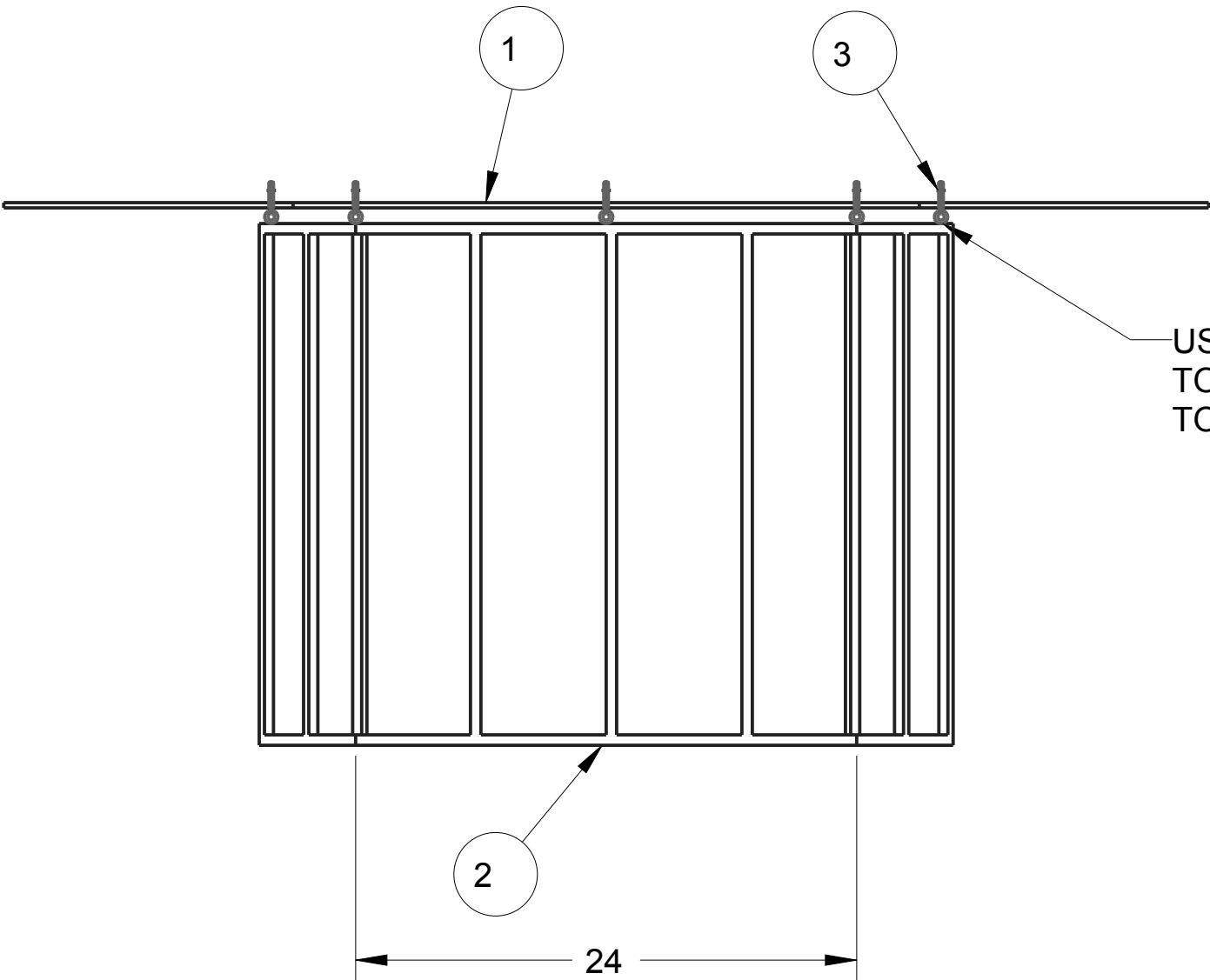
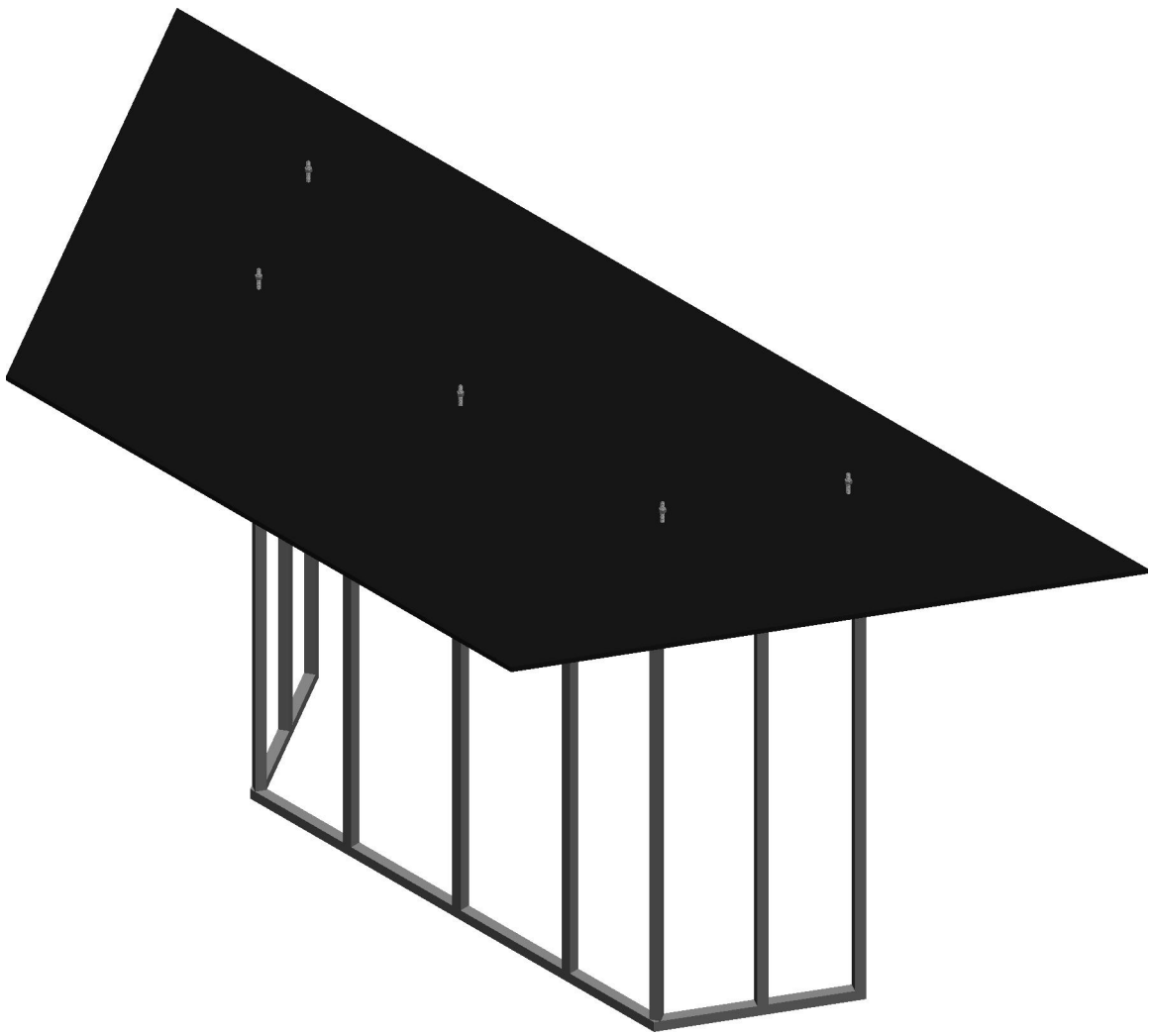
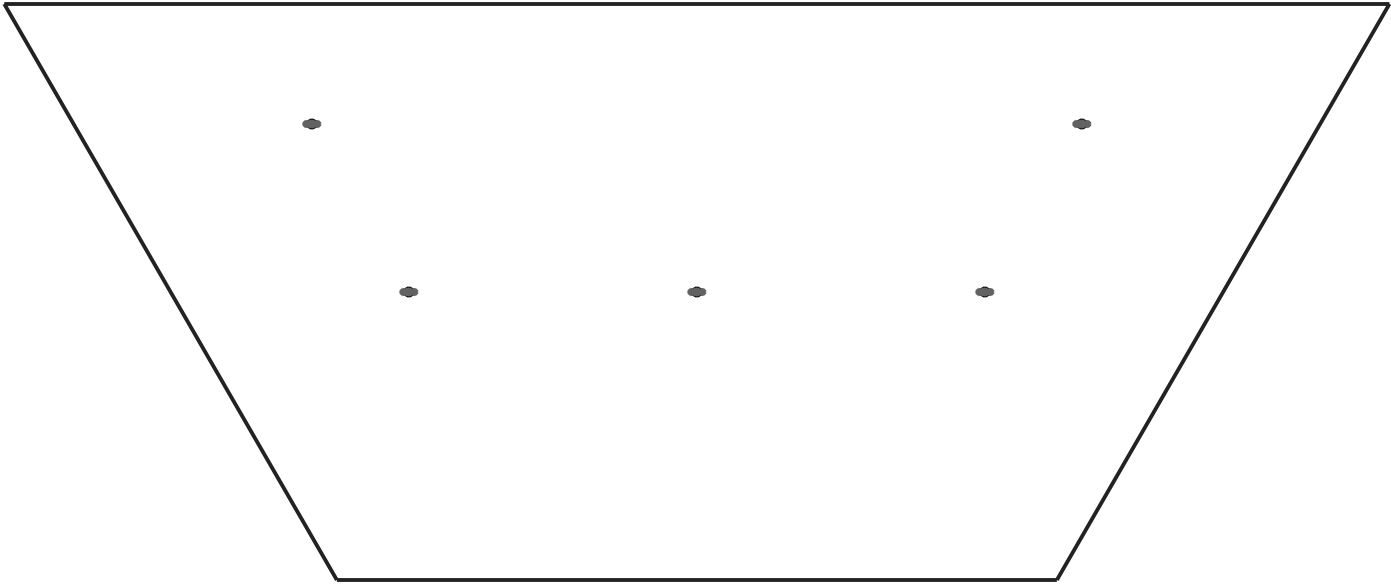
D

C

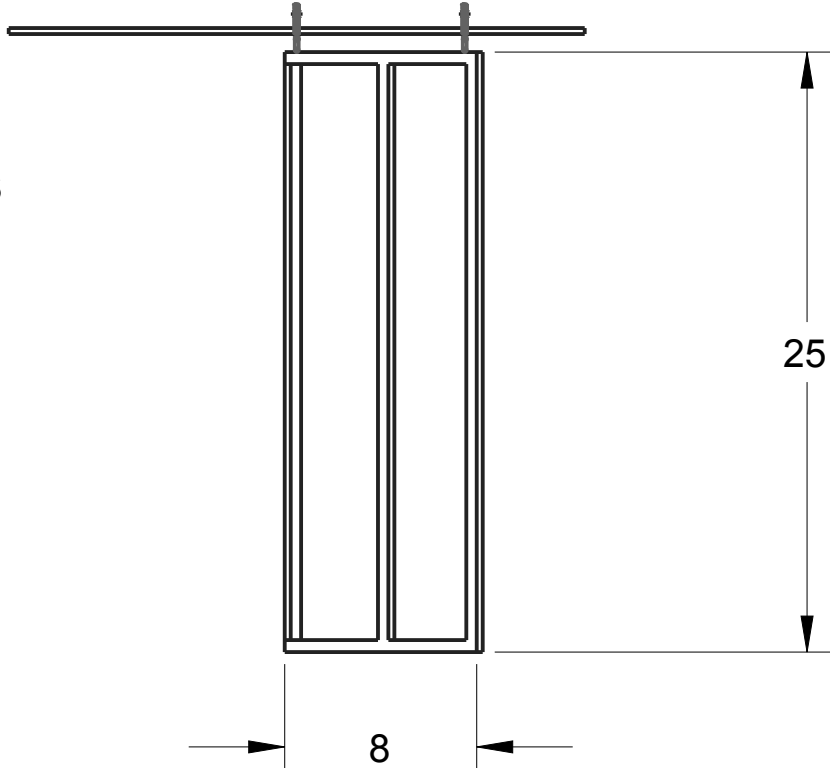
B

A

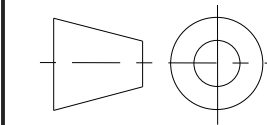
MODEL NAME	TITLE
GE-16235	TOWER ROOF ASSEMBLY



USE CABLE TIES OR CARABEENERS
TO ATTACH CHAIN TOGETHER AND
TO EYELETS. 18 PLACES



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16213	1	ROOF, TOWER	
2	GE-16235-01	1	CHAIN ASSEMBLY	26 ft. of #2/0 Straight Link Chain
3	HW-00115	5	EYELET, #10-24	



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

DO NOT SCALE



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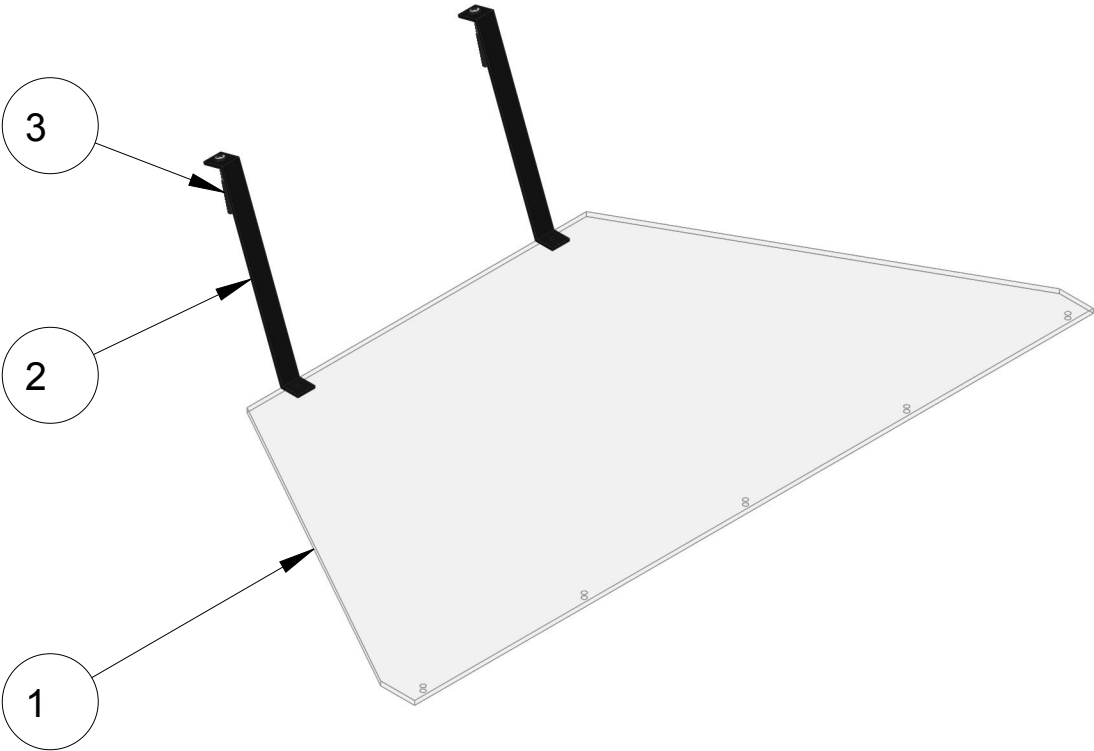
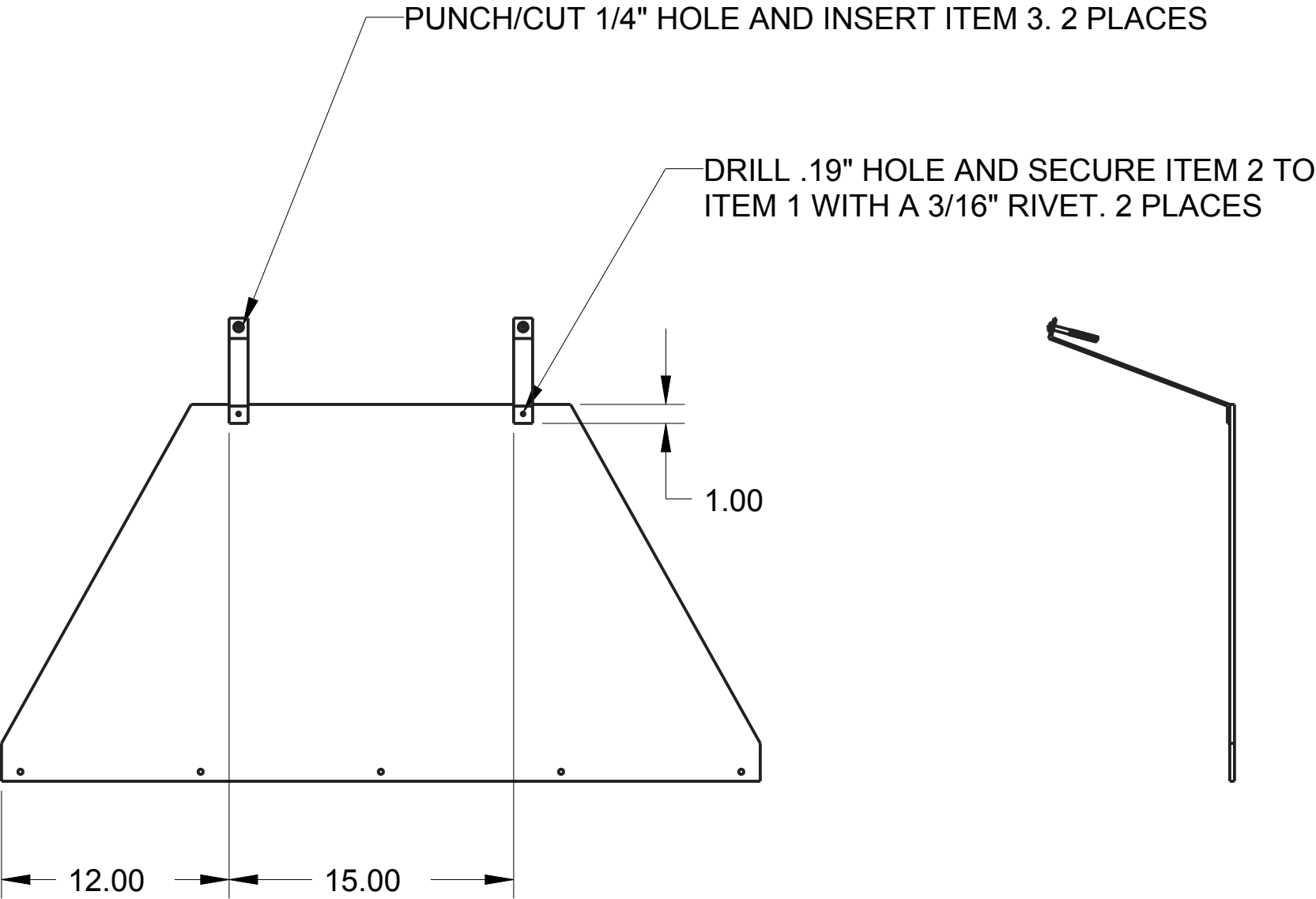
TITLE
TOWER ROOF ASSEMBLY

PROJECT


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

MODEL NAME
GE-16235

ISSUE



ITEM NO	PART NUMBER	QTY	DESCRIPTION	NOTES
1	GE-16106	1	ramp, high goal	
2	GE-16236-01	2	1" Nylon Webbing	12" Lengths
3	HW-00089	2	1/4"-20 Machine Screw, 2.5" Long	



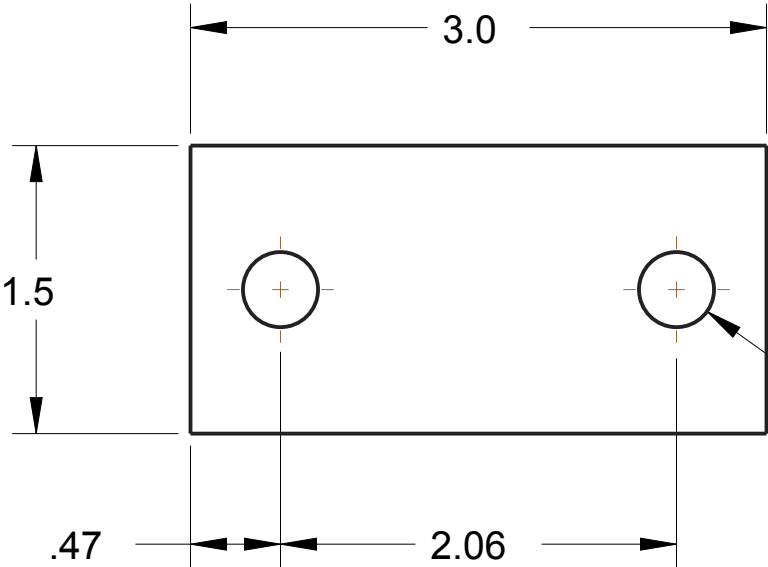
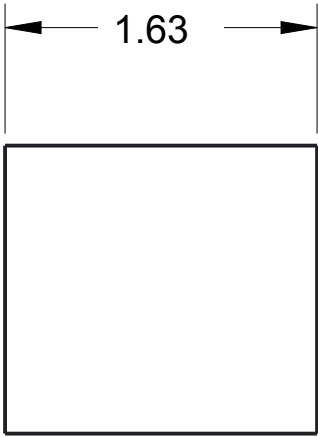
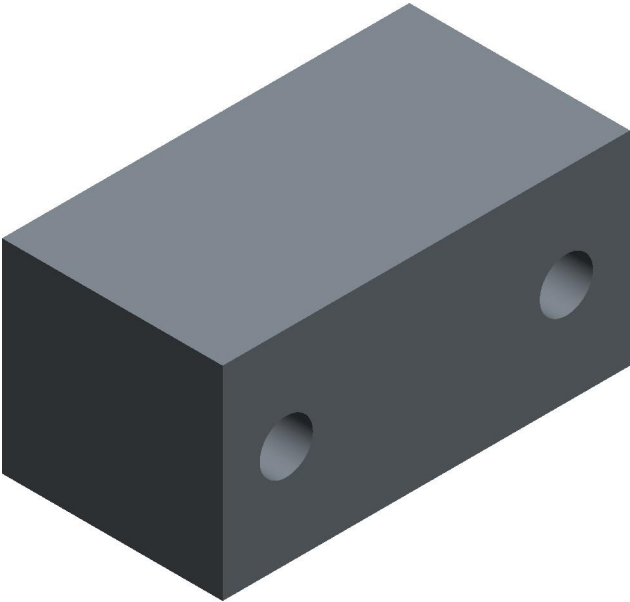
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SCALE 1:8	
SHEET 1 OF 1	

TITLE UPPER SCORING RAMP ASSEMBLY		
PROJECT	MODEL NAME GE-16236	ISSUE

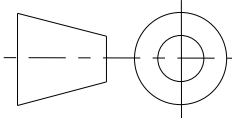

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
X.X +/- 0.1
X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- .1

DO NOT SCALE

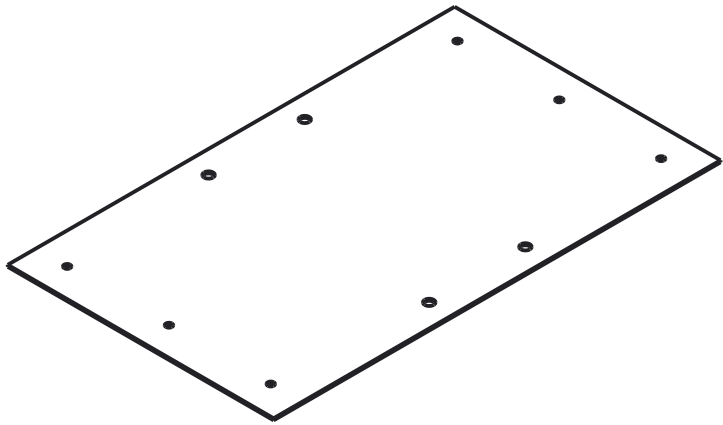
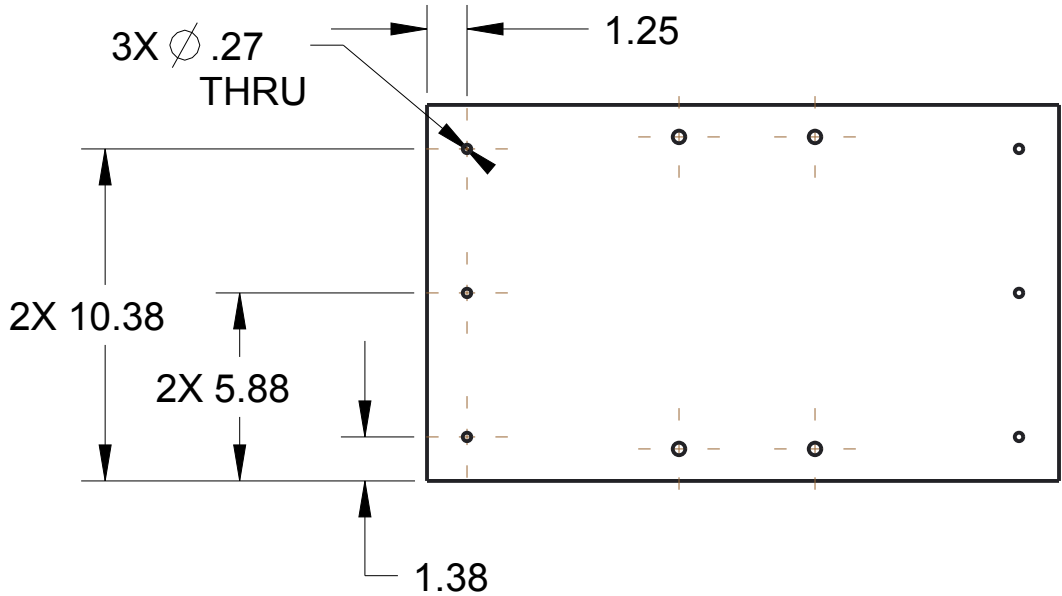


2X Ø .39
Thru

Notes:
1. Material: Pine or other type of wood

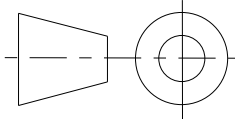
		DRAWN BY	DATE
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	PROJECT	MODEL NAME GE-16241	ISSUE

Rev	Zone	Description	Date	Initial
A	B-1, B-3	Material changed from 13 to 14 Ga.	3/31/16	DAF



NOTE

A Material: 14 Ga. Galvanized Steel
Scale: 1:6



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X.XX +/- 0.01
X.XXX +/- 0.001
ANG +/- 1°

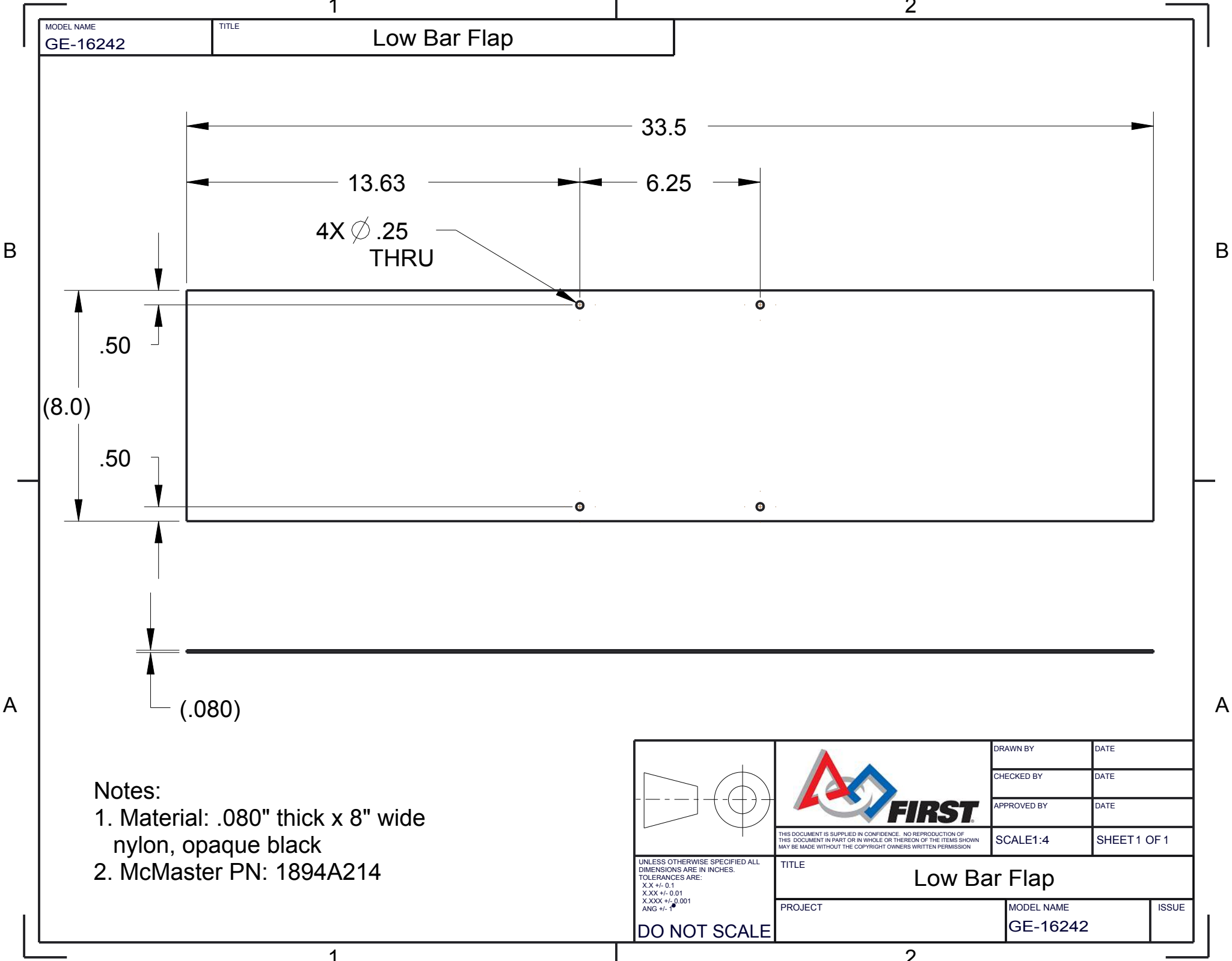
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SCALE 1:6	SHEET 1 OF 1

TITLE	Plate, Cheval de Frise		
PROJECT	MODEL NAME	ISSUE	
	GE-16239		



DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE

TITLE Low Bar Flap		
PROJECT	MODEL NAME GE-16242	ISSUE