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MODEL NAME GE-14046	TITLE
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Vision Target

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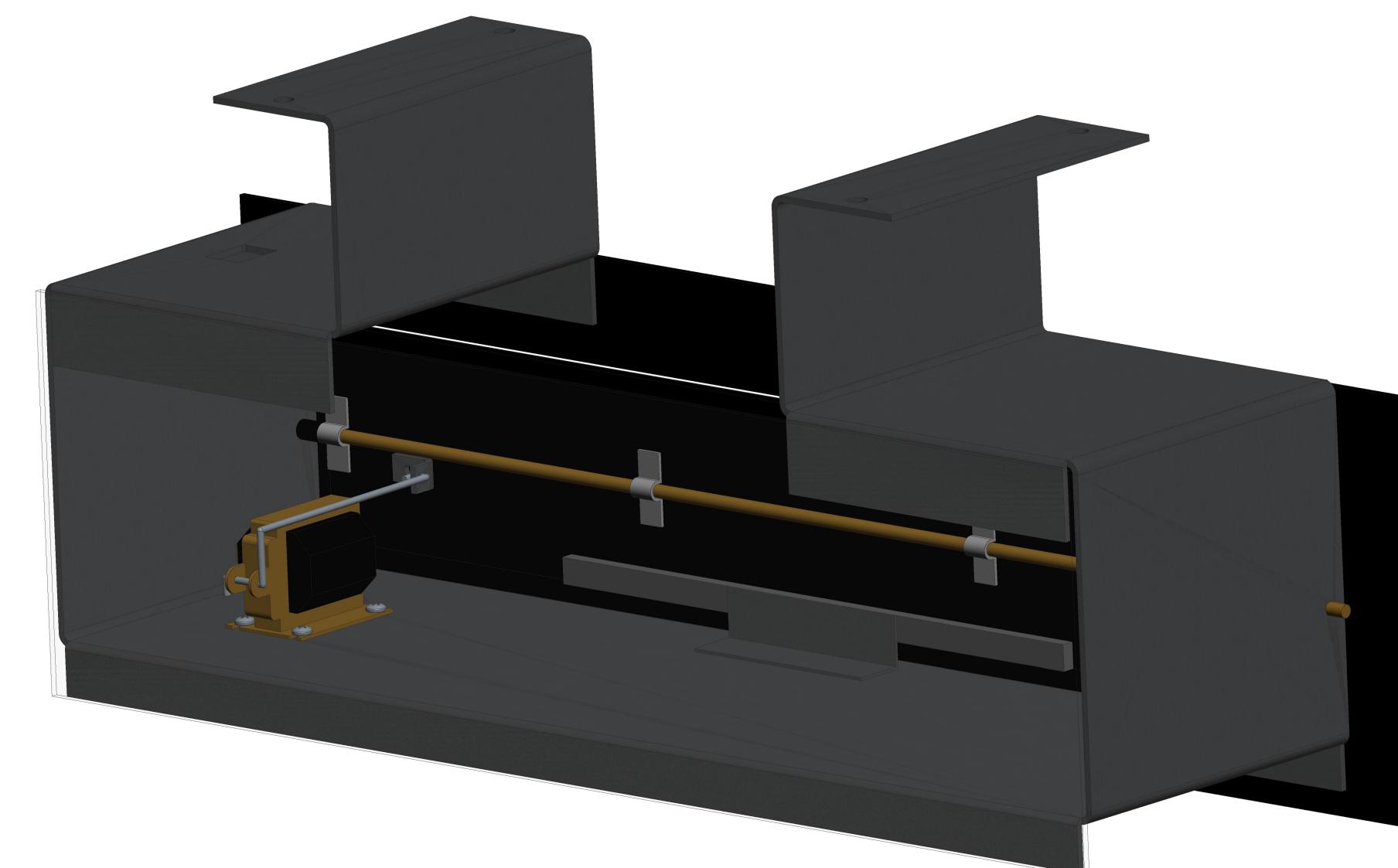
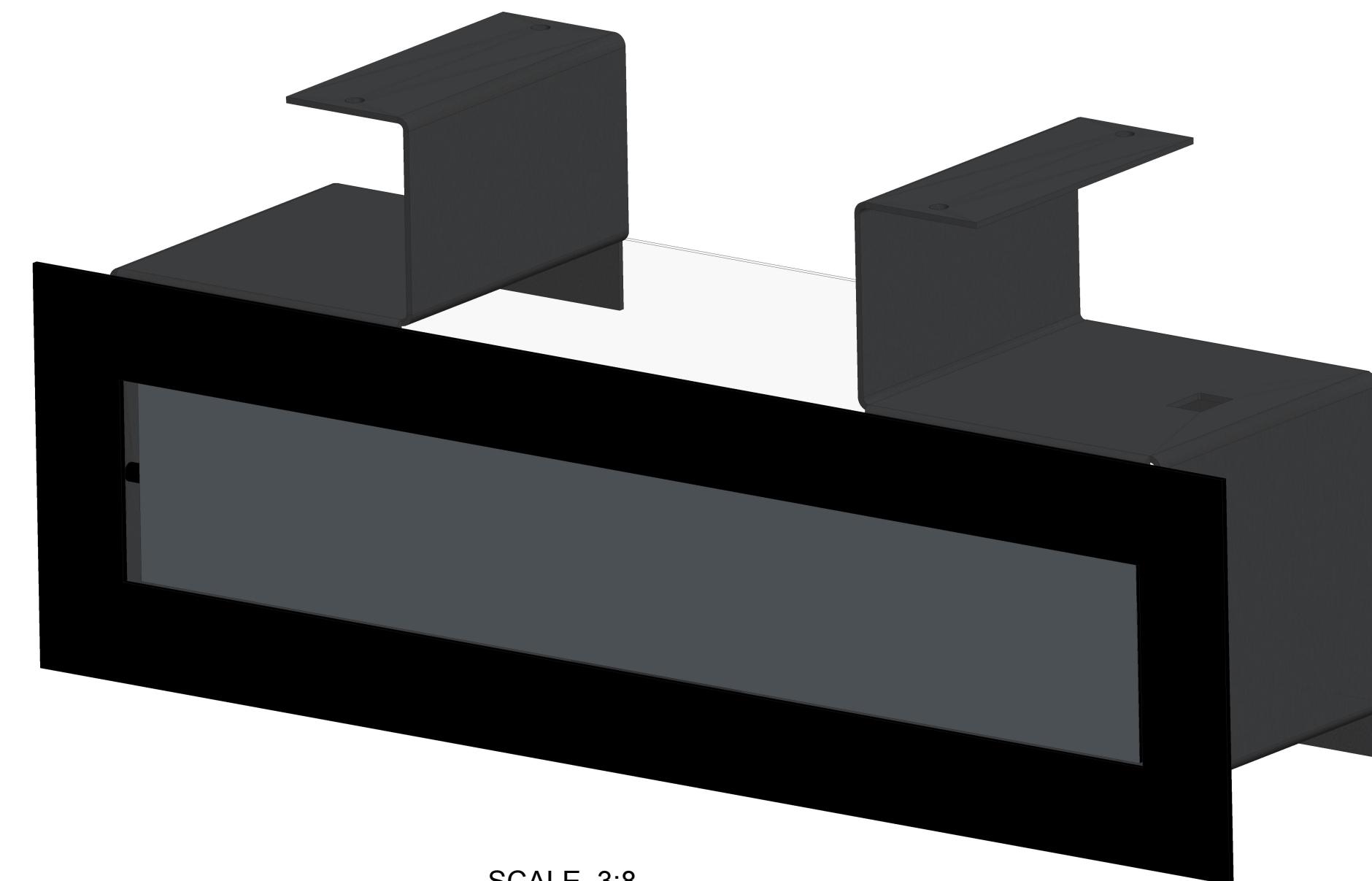
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DO NOT SCALE			Vision Target
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. TOLERANCES ARE: XX +/- 0.1 XX.X +/- 0.01 XXX.XX +/- 0.001 ANG +/- 1		PROJECT	MODEL NAME GE-14046
ISSUE			

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ASME STANDARD,INCH

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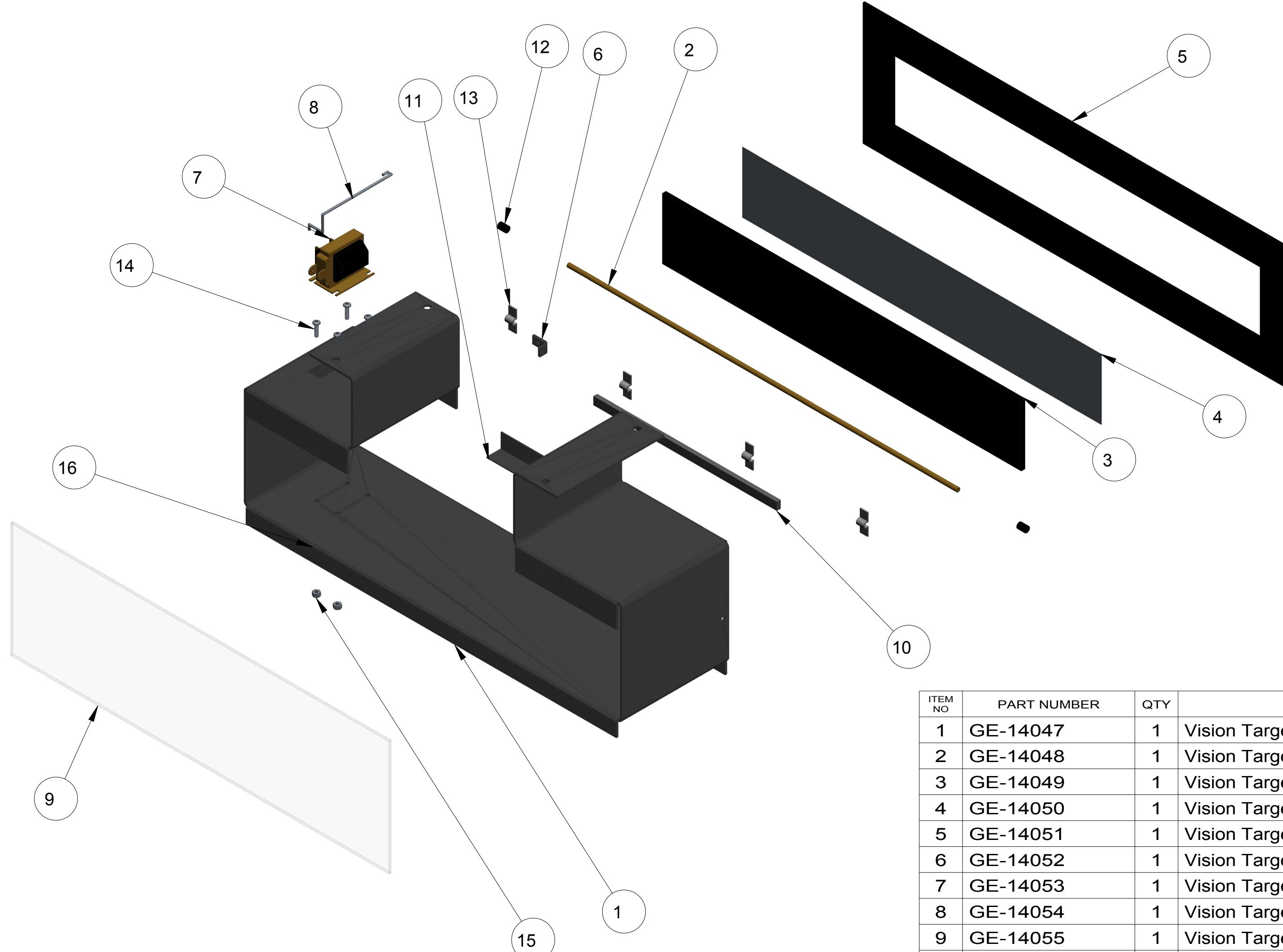
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MODEL NAME
GE-14046

TITLE
Vision Target

SCALE 1:4

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

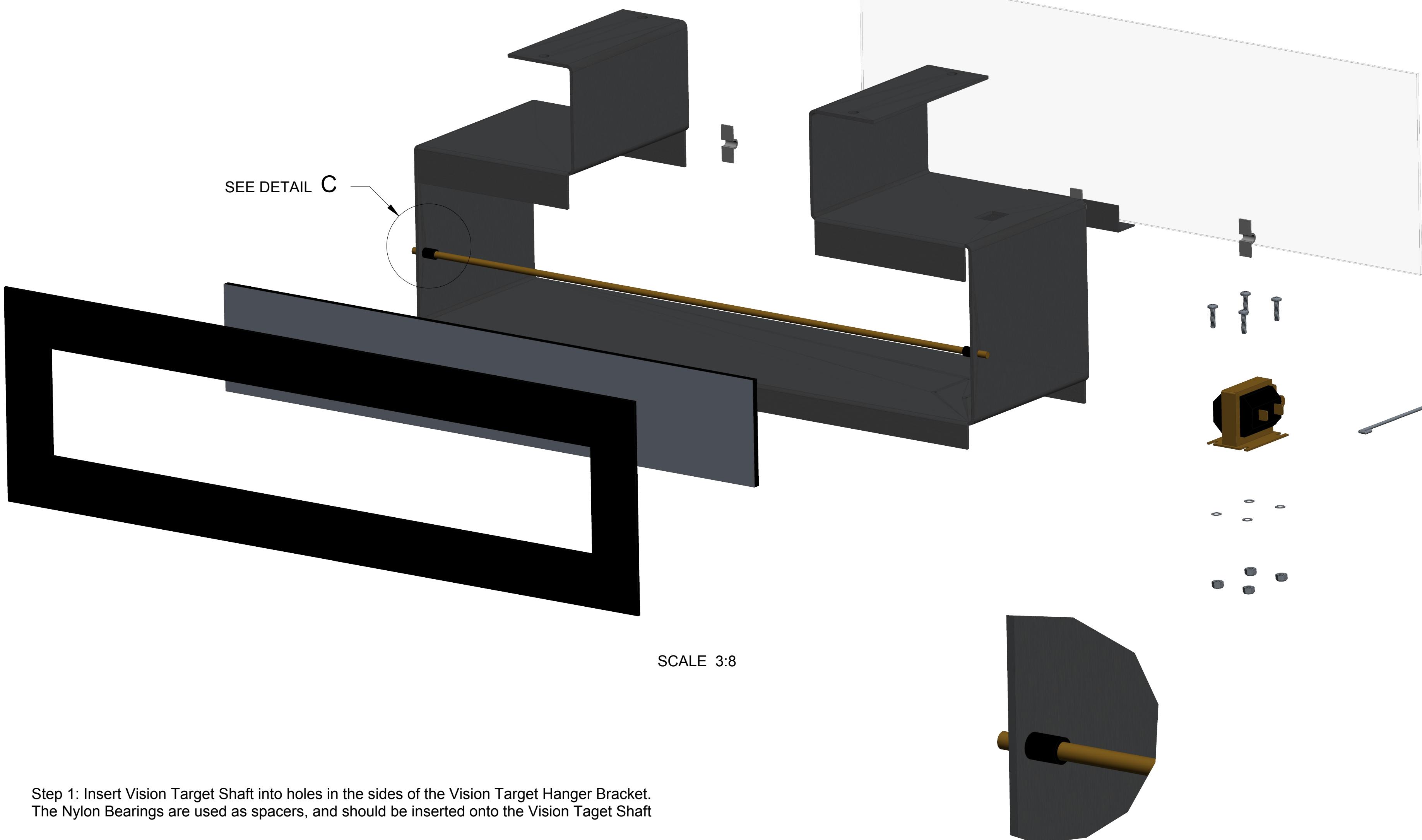
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SCALE 9:64		SHEET 2 OF 6	
DO NOT SCALE		TITLE Vision Target	
PROJECT		MODEL NAME GE-14046	ISSUE

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MODEL NAME
GE-14046TITLE
Vision Target

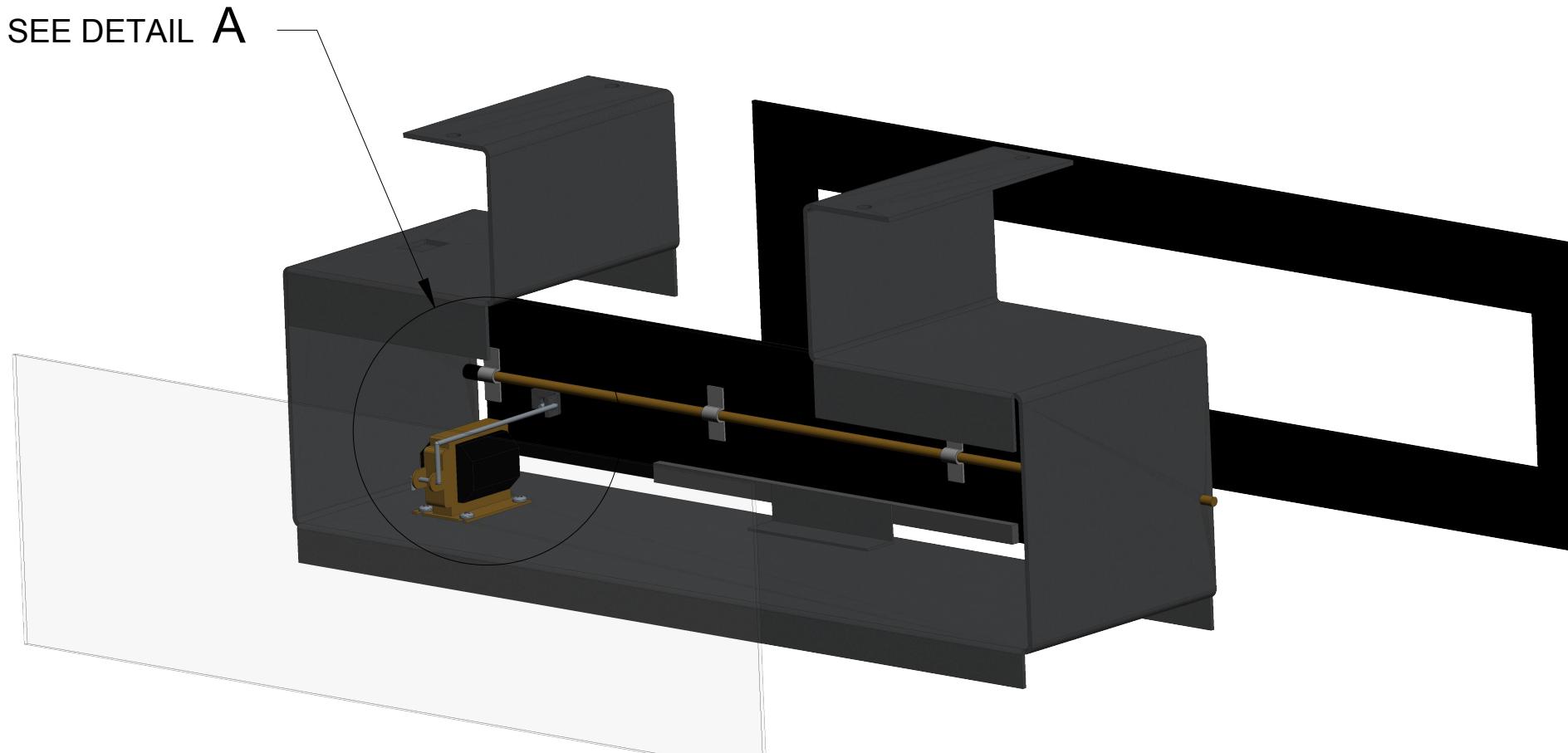
Step 1: Insert Vision Target Shaft into holes in the sides of the Vision Target Hanger Bracket. The Nylon Bearings are used as spacers, and should be inserted onto the Vision Taget Shaft

Step 2: Adhere the Vision Target Tape to the Vision Target Face

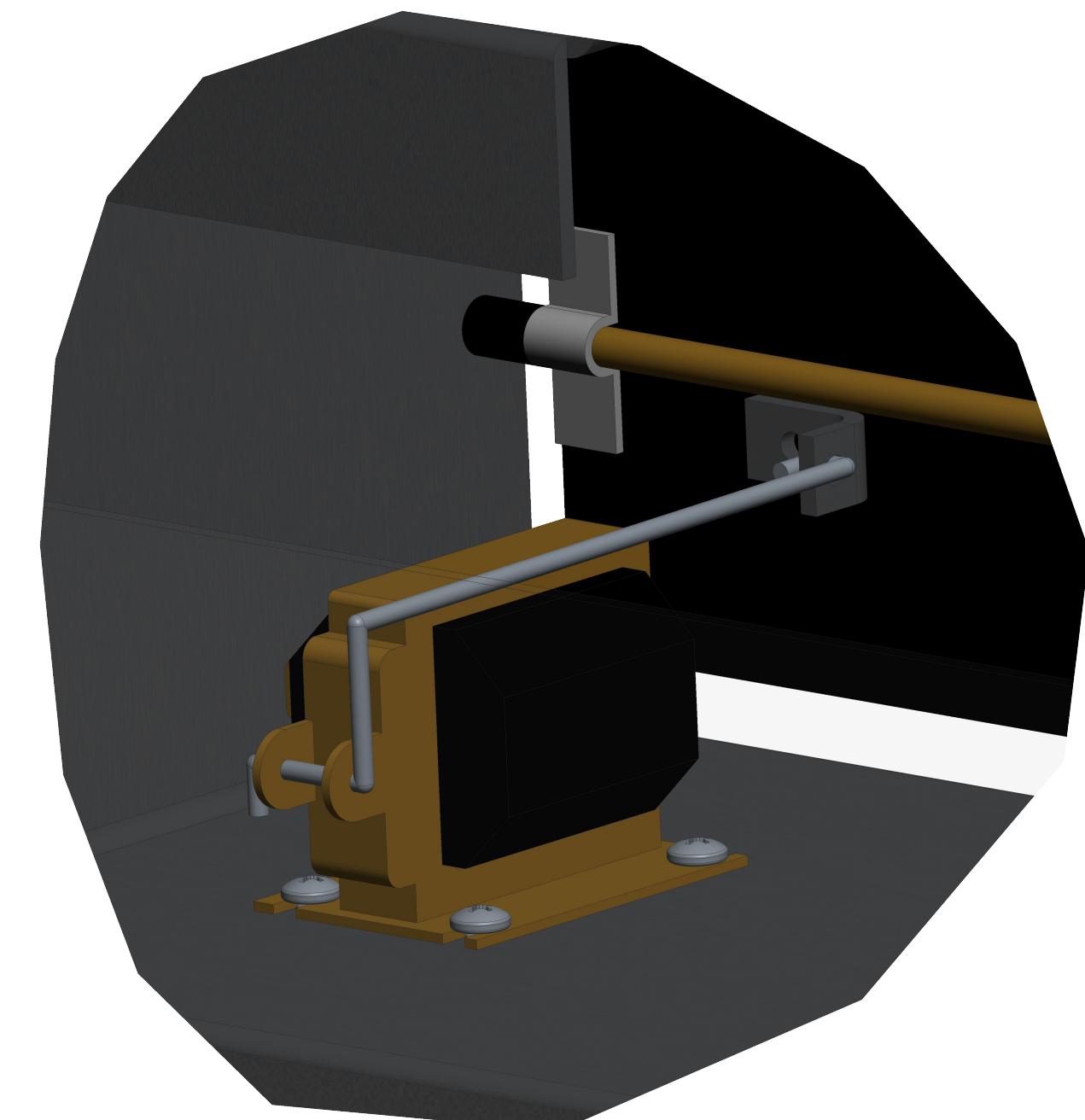
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DO NOT SCALE		TITLE	Vision Target
PROJECT		MODEL NAME	GE-14046
ISSUE			

MODEL NAME GE-14046	TITLE Vision Target
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SCALE 1:4



SCALE 1:1

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

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

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

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

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

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

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

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

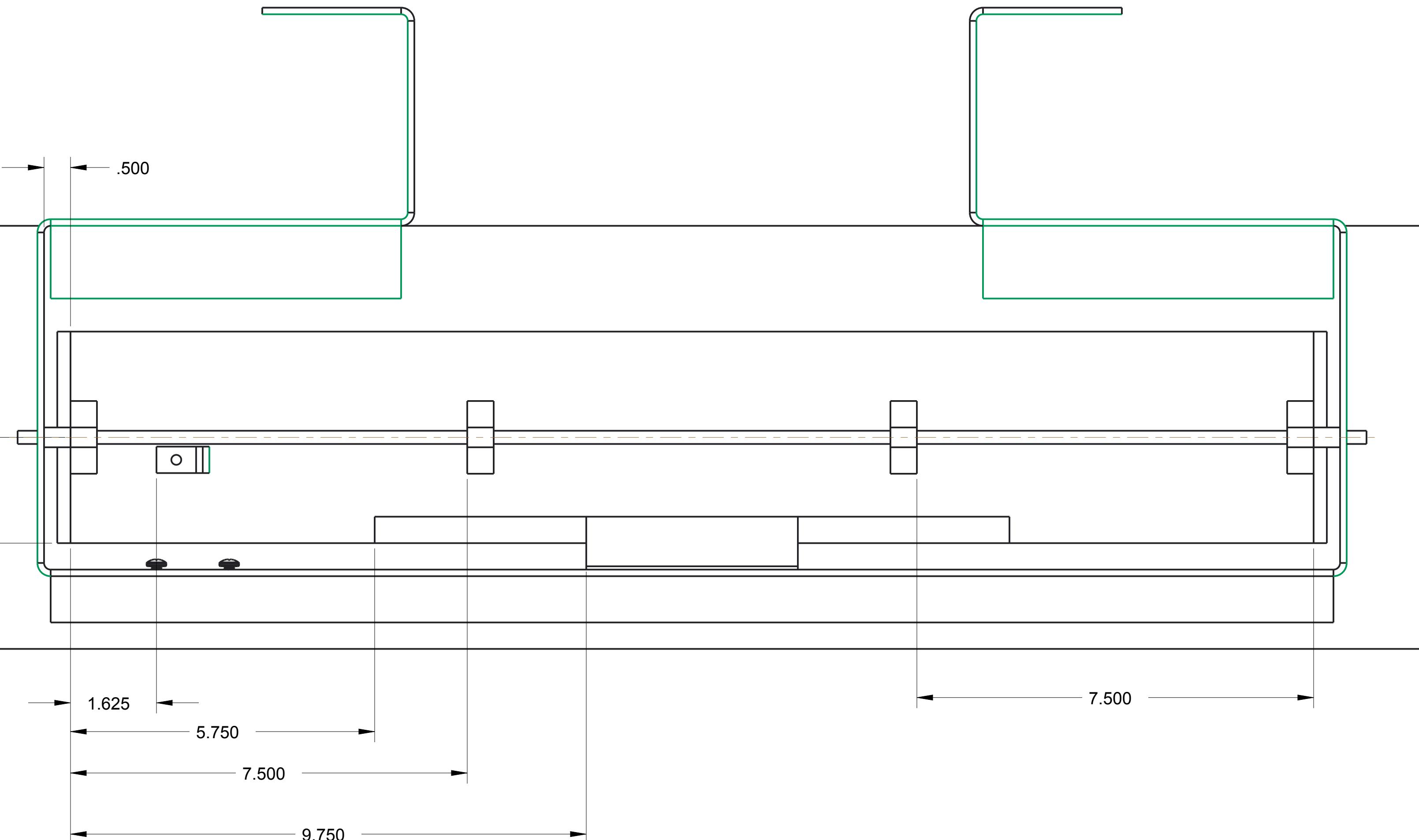
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DO NOT SCALE			Vision Target
PROJECT		MODEL NAME	GE-14046
ISSUE			

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MODEL NAME
GE-14046TITLE
Vision Target

SCALE 5:8

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

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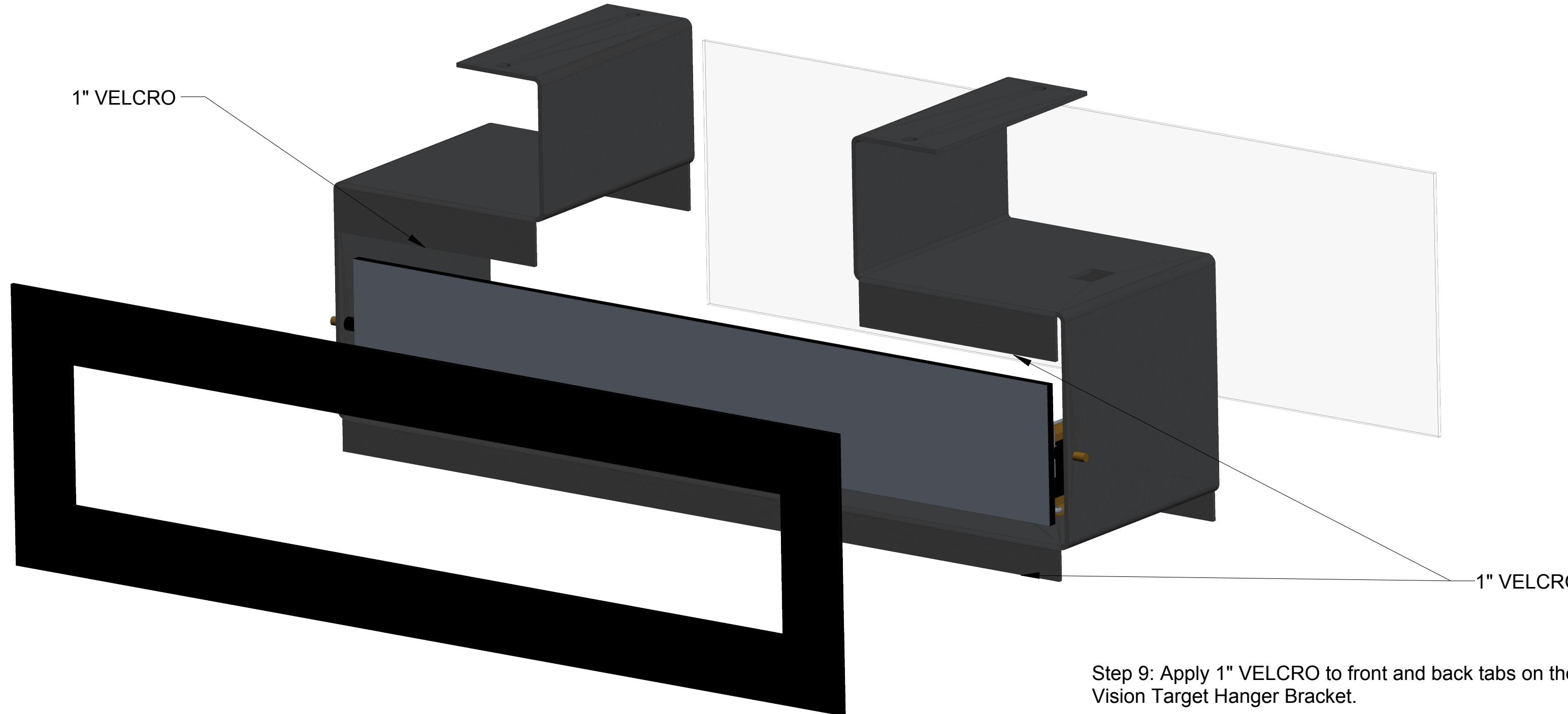
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MODEL NAME
GE-14046TITLE
Vision Target

1" VELCRO

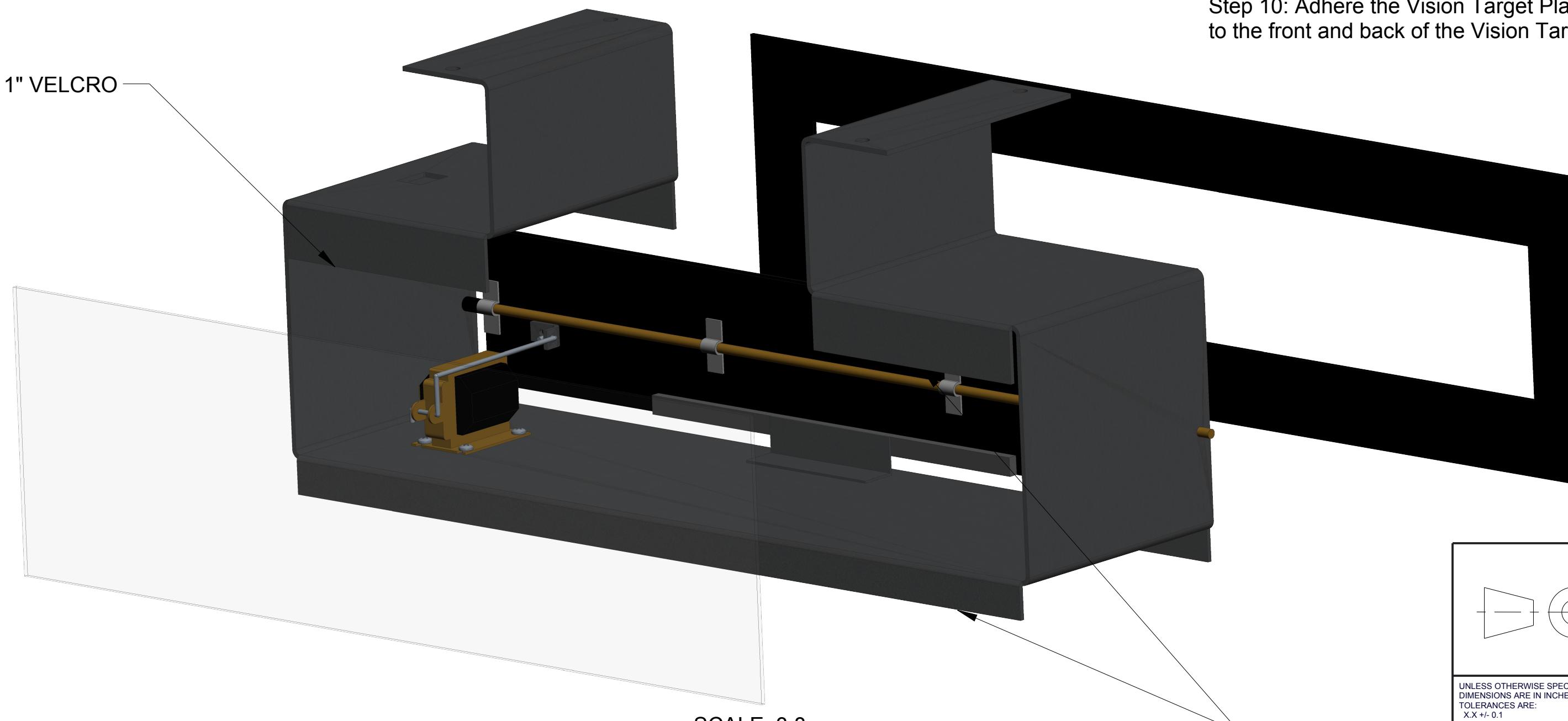


Step 9: Apply 1" VELCRO to front and back tabs on the Vision Target Hanger Bracket.

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

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

1" VELCRO



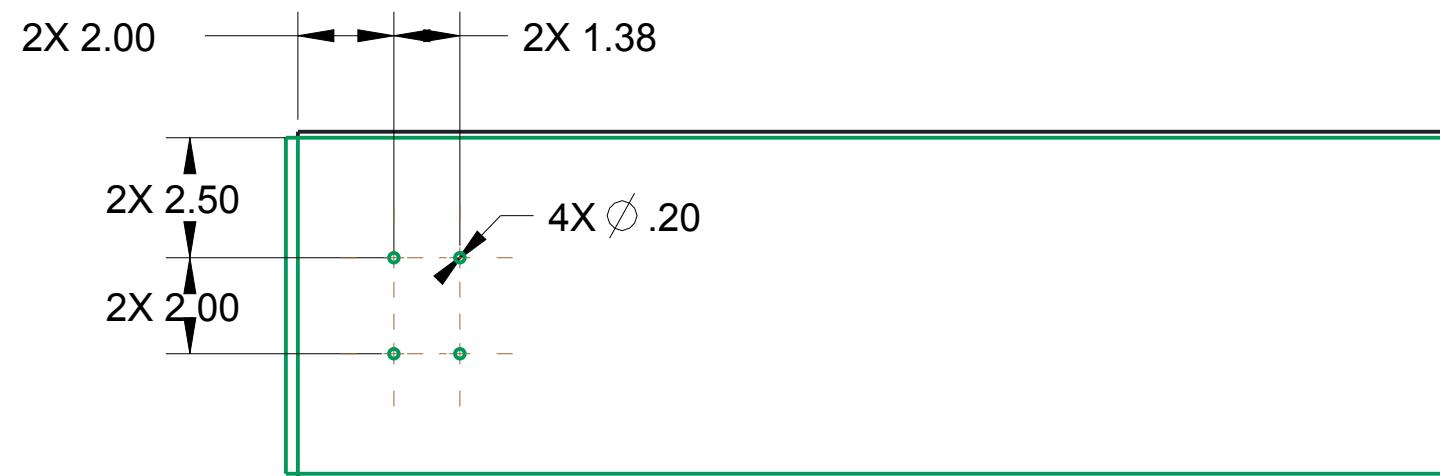
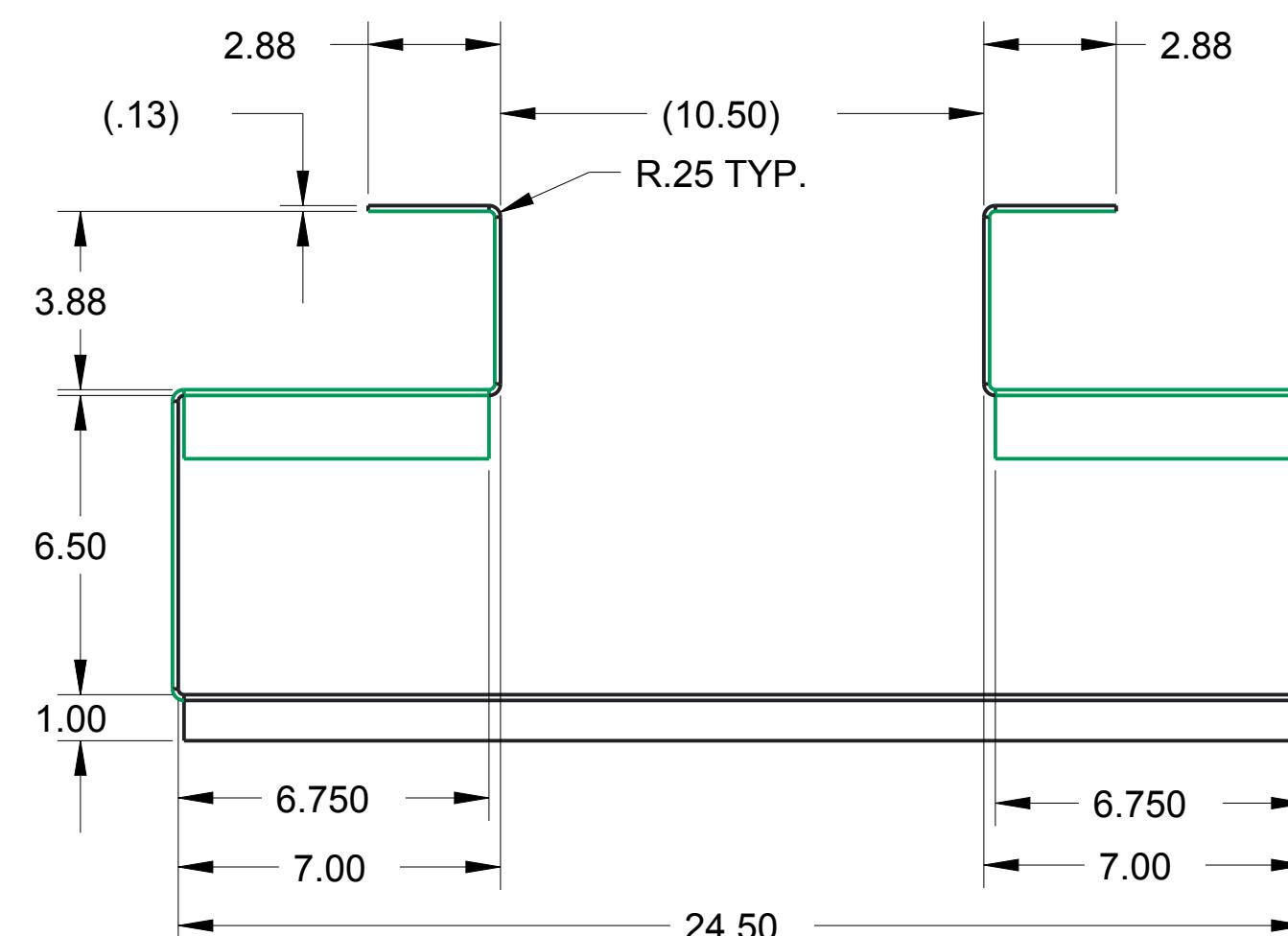
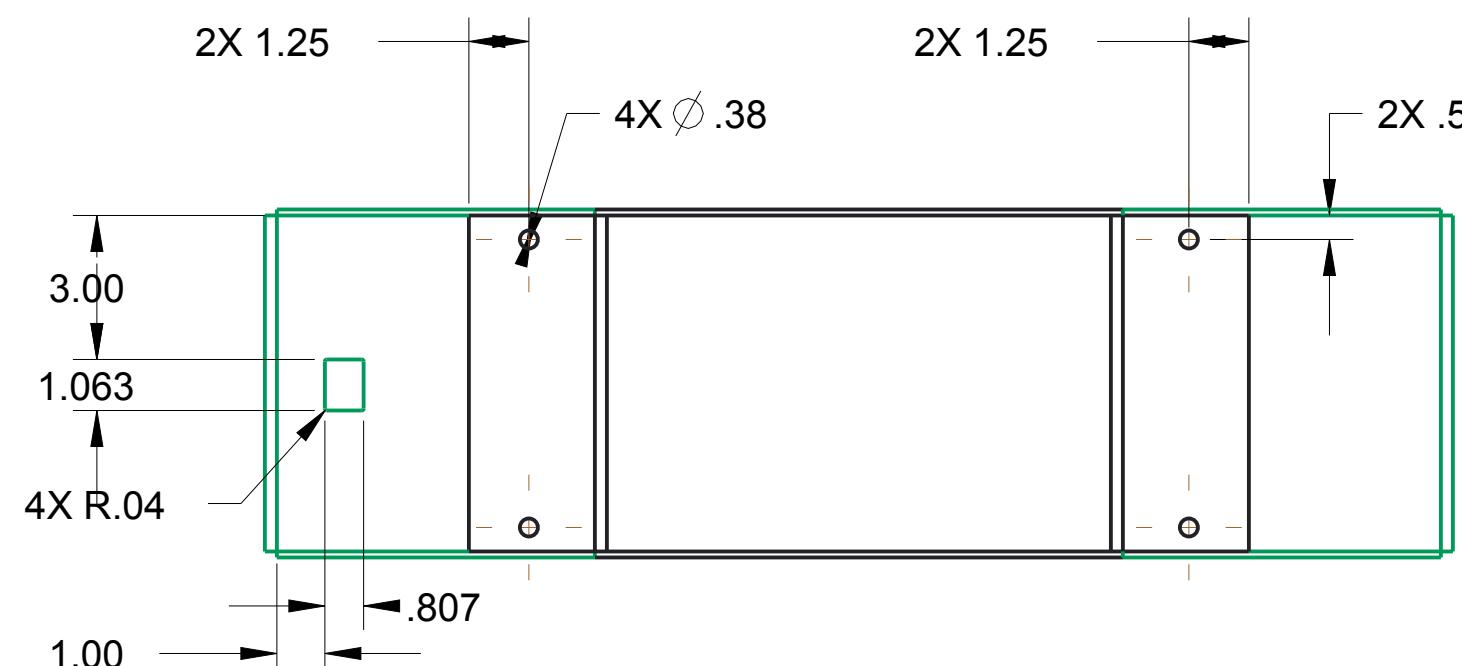
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SHEET 6 OF 6			
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DO NOT SCALE	PROJECT MODEL NAME GE-14046		
	ISSUE		

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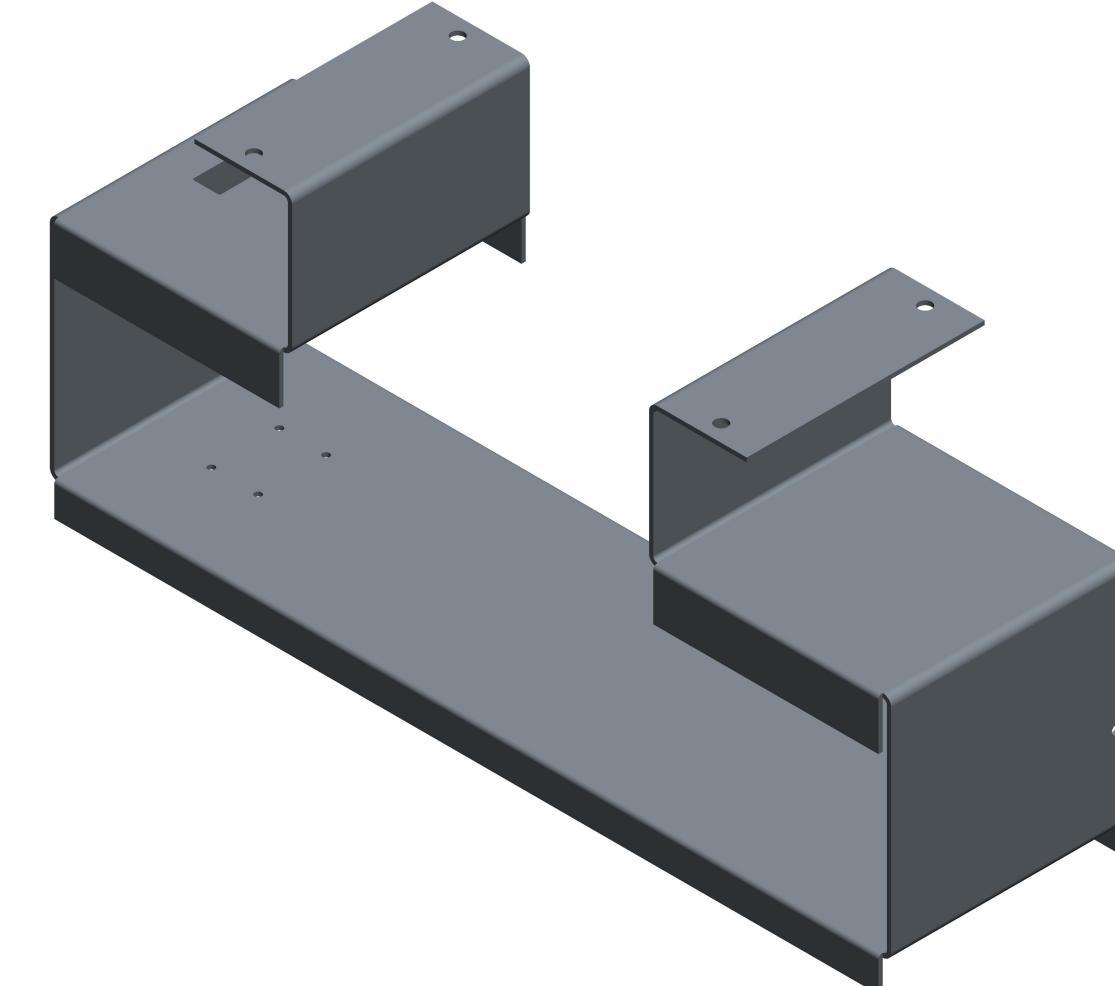
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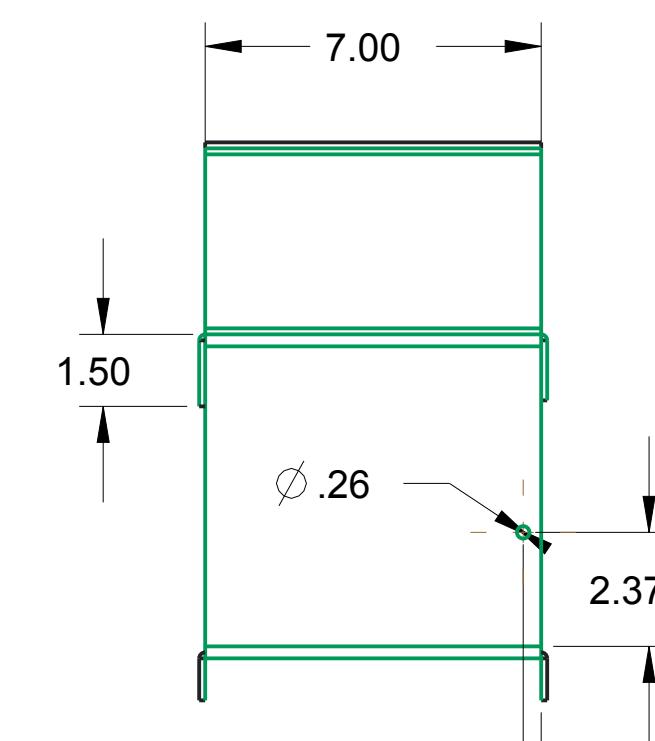
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MODEL NAME
GE-14047TITLE
Vision Target Hanging Bracket

SCALE 1:4



SCALE 1:4



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

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DO NOT SCALE	ISSUE		

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ASME STANDARD INCH

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MODEL NAME
GE-14049TITLE
Vision Target Face

4.00

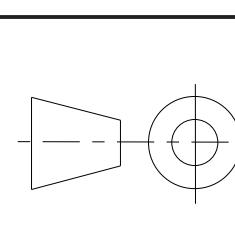
23.50

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SCALE 1:2

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

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

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SCALE 1:6	SHEET 1 OF 1

TITLE
Vision Target Face

PROJECT

MODEL NAME
GE-14049

ISSUE

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MODEL NAME
GE-14051TITLE
Vision Target Plastic Surround

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SCALE 1:8

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

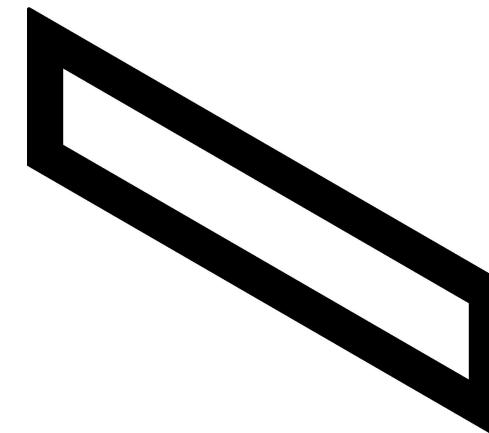
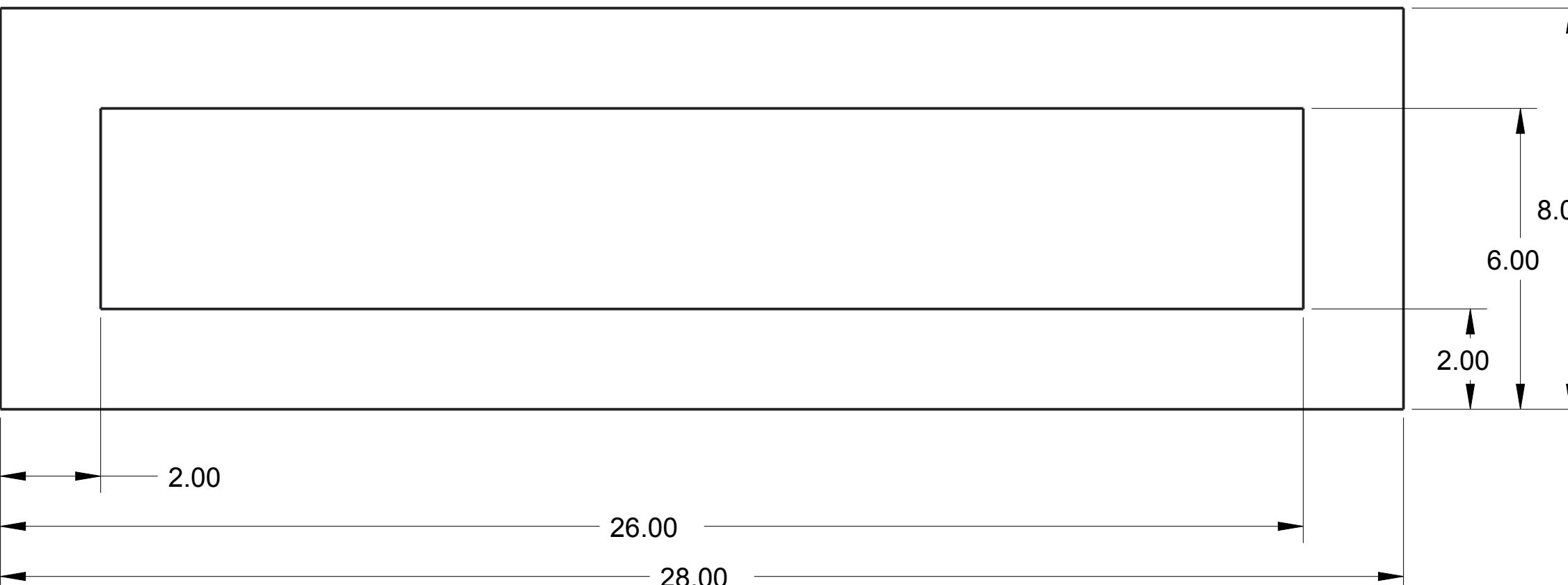
SCALE 3:8

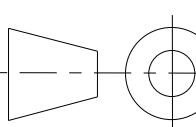
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		APPROVED BY	DATE	
		SCALE 1:8	SHEET 1 OF 1	
TITLE		Vision Target Plastic Surround		
PROJECT		MODEL NAME	GE-14051	
ISSUE				

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MODEL NAME
GE-14055TITLE
Vision Target Safety Shield

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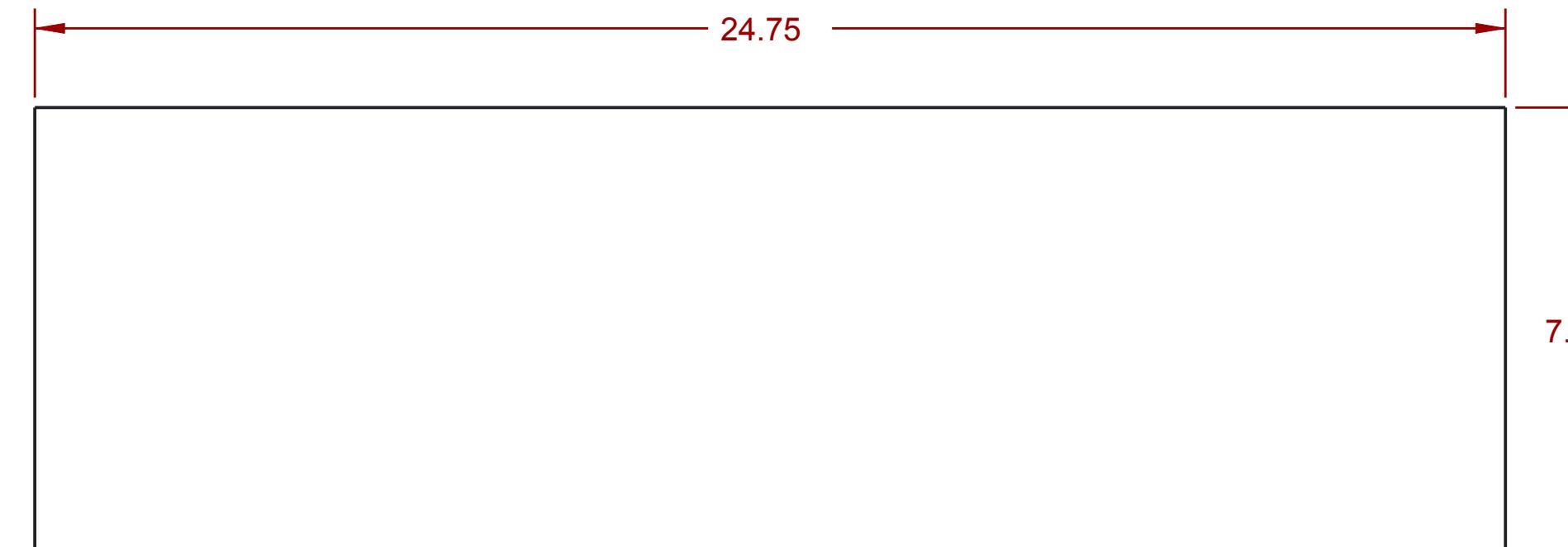
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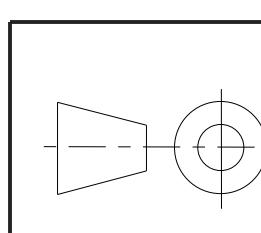
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Item: Vision Target Safety Shield
 Material: .125" Clear Polycarbonate
 Qty: 1
 Scale: 3/8

SCALE 1:4



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

TITLE
Vision Target Safety Shield

PROJECT

MODEL NAME
GE-14055

ISSUE

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ASME STANDARD,INCH

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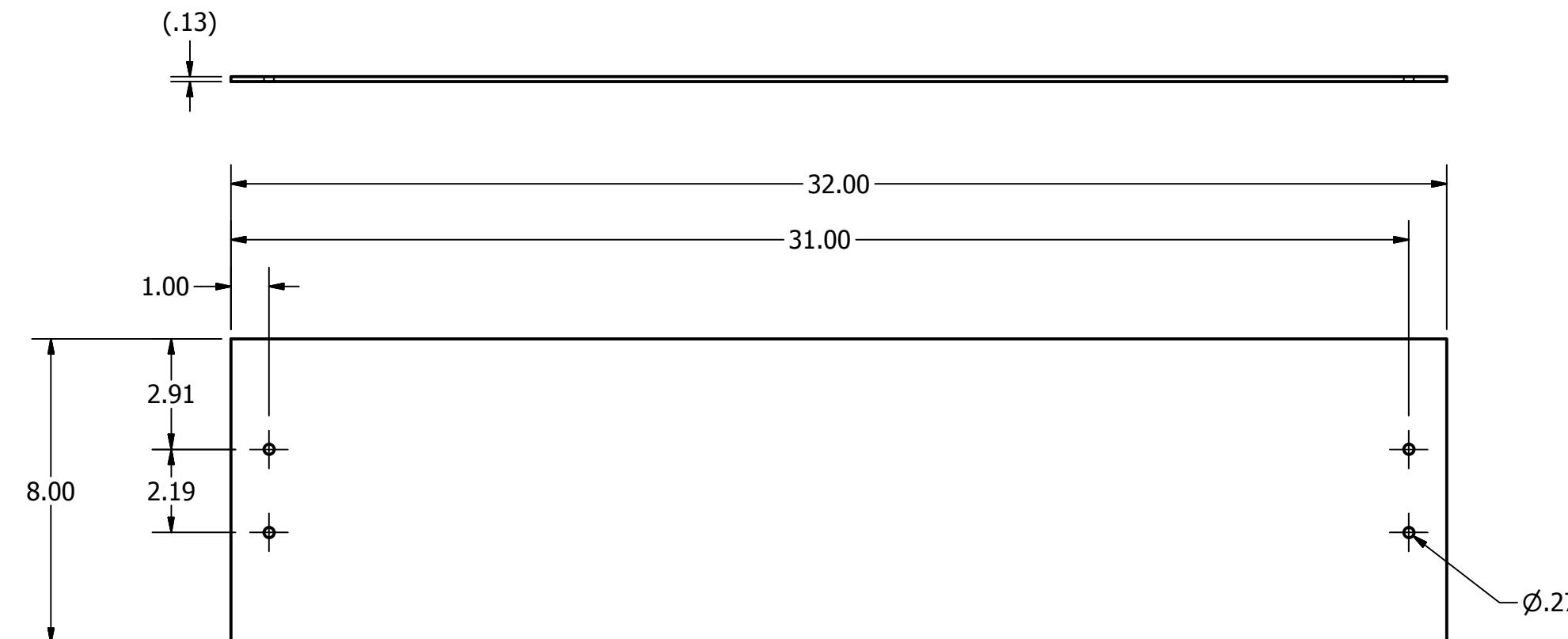
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Notes:

1. Material: 1/8" thk White HDPE
2. Remove all burrs and sharp edges
3. Alternate Material: 1/8 thick Hardboard

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dfoster

12/6/2012

CHECKED

UNLESS OTHERWISE SPECIFIED

TOLERANCES: (INCHES)

FRAC. +/- 1/32

.00 +/- .01

.000 +/- .005

ANGULAR +/- .25 Deg.

FIRST200 Bedford Street, Manchester, NH 03101
(603) 666-3906 -- FAX (603) 666-3907

TITLE

End Panel Reflector

SIZE

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DWG NO

GE-13085

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SHEET 1 OF 1

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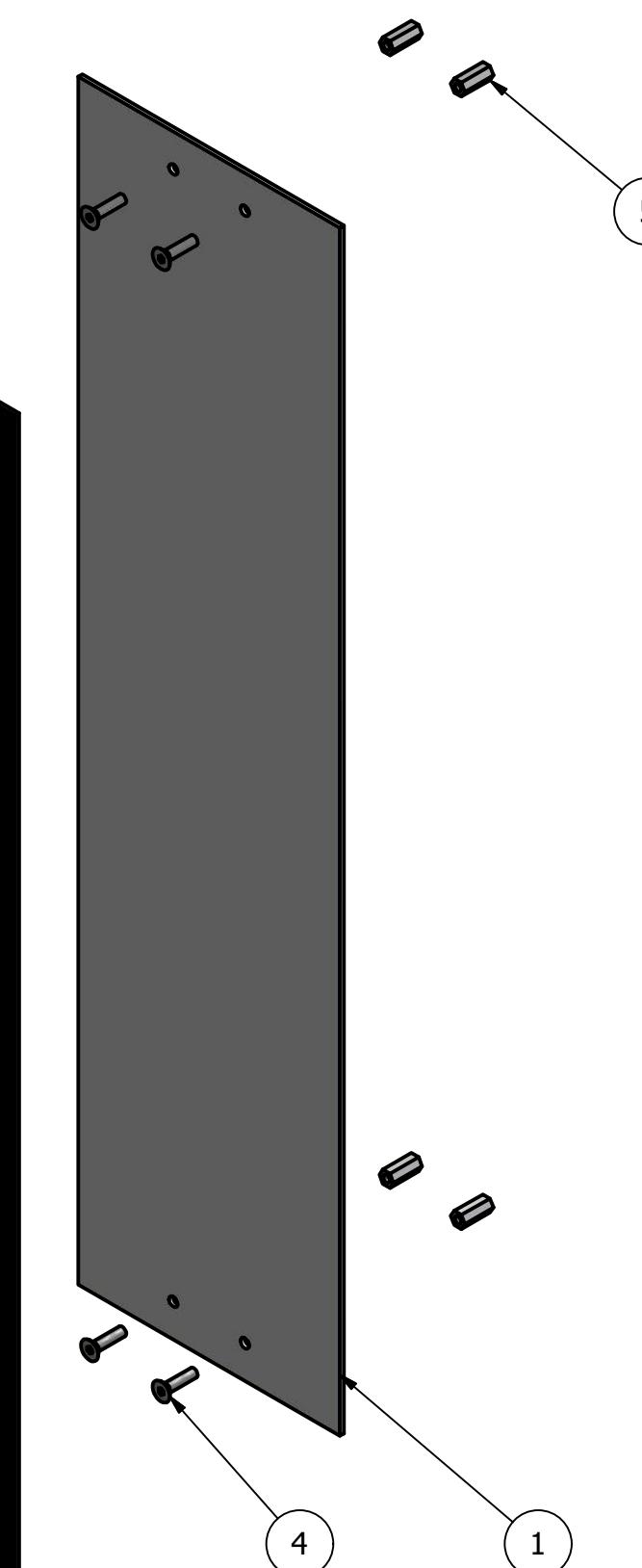
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4" Wide Retro Reflective Material
(3M 8830 Silver Marking Film)

2" Black Gaffers Tape



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GE-13085	End Panel Reflector
4	4	HW-00074	FHCS 1/4-20 x 1"
5	4	HW-00076	Coupling Nut, 1/4-20 x 7/8"

DRAWN dfoster	12/30/2012	FIRST 200 Bedford Street, Manchester, NH 03101 (603) 666-3906 -- FAX (603) 666-3907	
CHECKED			
UNLESS OTHERWISE SPECIFIED			
TOLERANCES: (INCHES)			
FRAC.	+/- 1/32		
.00	+/- .01		
.000	+/- .005		
ANGULAR	+/- .25 Deg.	SCALE	DWG NO
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		REV	
			SHEET 1 OF 1

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