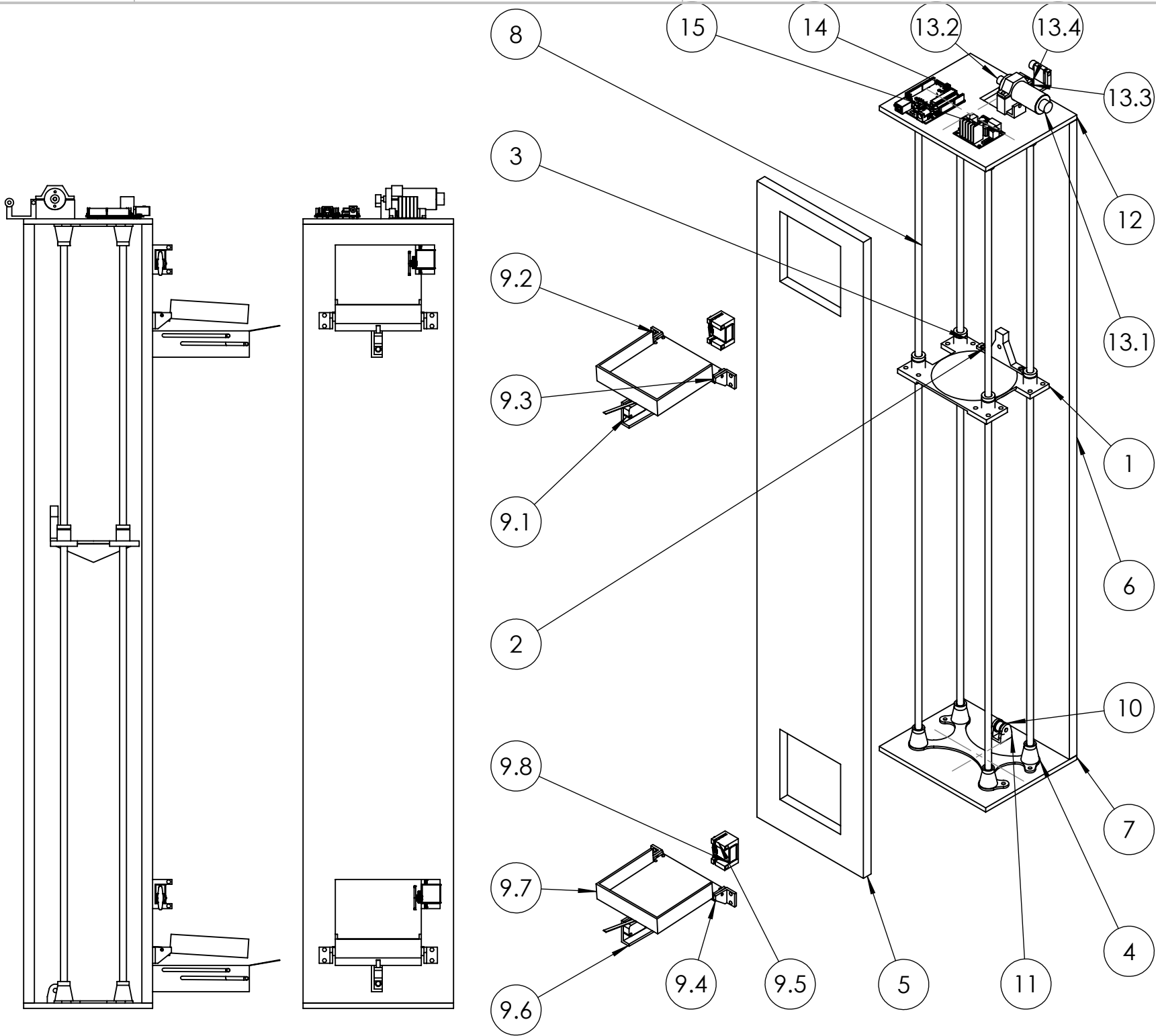


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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Elevator Platform		1
2	Timeing Belt Mount		1
3	61205K75	Fixed Alignment Linear Ball Bearing	4
4	Rail Mount Bottom		2
5	Elevator Shaft Front		1
6	Elevator Shaft Back		1
7	Elevator Shaft Bottom		1
8	4634T343	Multipurpose 6061 Aluminum	4
9	Object Load Platform		2
9.1	Snap Switch		1
9.2	Pin Elevator Mount - LH		1
9.3	Pin Elevator Mount - RH		1
9.4	Pin Platform Mount		2
9.5	Servo Motor Mount		1
9.6	Limit Switch Mount		1
9.7	Tilt Plate		1
9.8	SG90_Servo		1
10	3693N14	High-Strength HTD Timing Belt Idler Pulley	1
11	Idler Pulley Mount		1
12	Elevator Shaft Top		1
13	Power Train		1
13.1	12V DC Motor		1
13.2	Motor Gear		1
13.3	Torque Gear Mount		1
13.4	Torque Gear Mount Upper		1
14	arduinoUno		1
15	L298N Motor Driver		1
16	Servo Motor Mount		1
17	Motor Gear		1

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: <div>Elevator Motion Platform</div>		
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ±    BEND ± TWO PLACE DECIMAL    ± THREE PLACE DECIMAL    ±	DRAWN	CJC				
			CHECKED					
			ENG APPR.					
			MFG APPR.					
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE    DWG. NO.    REV <div>B</div> 2		
		MATERIAL	COMMENTS:					
NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:6    WEIGHT:    SHEET 1 OF 1		

4

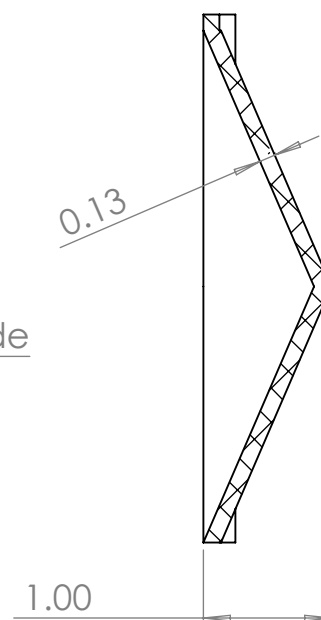
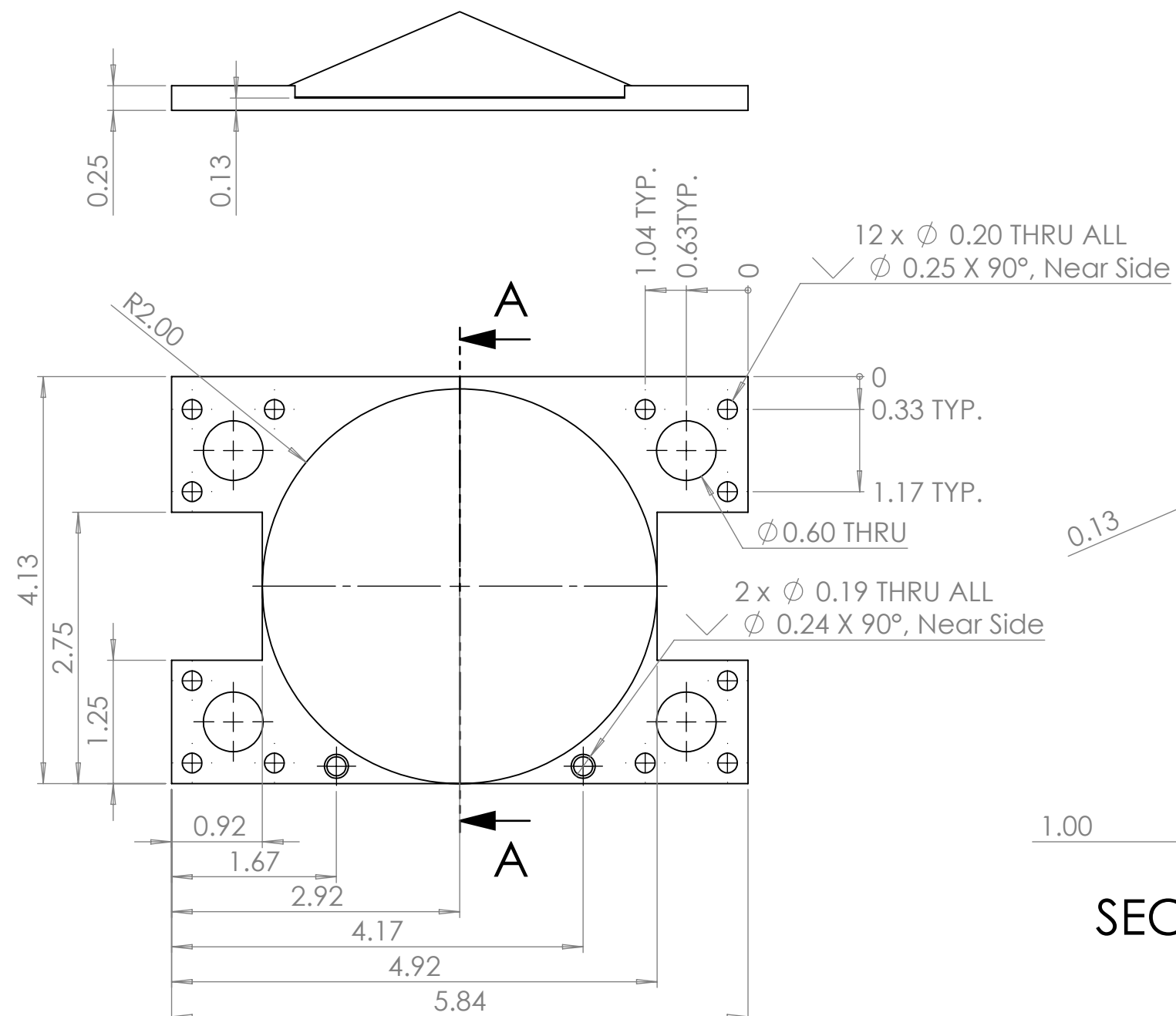
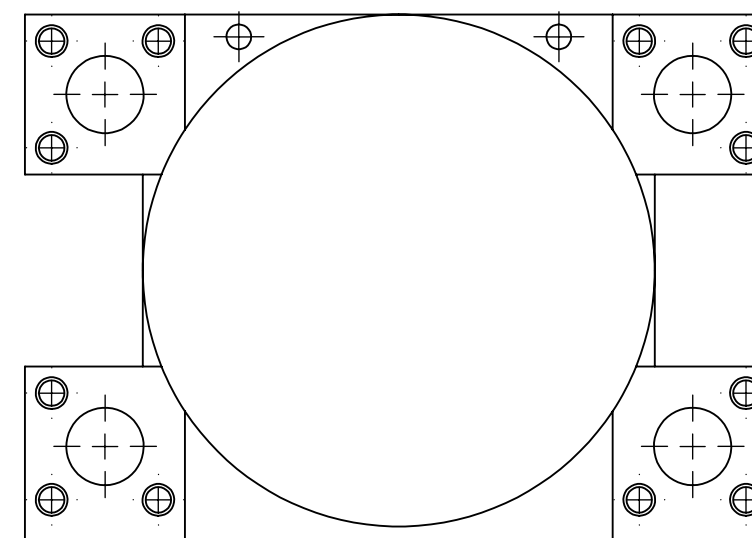
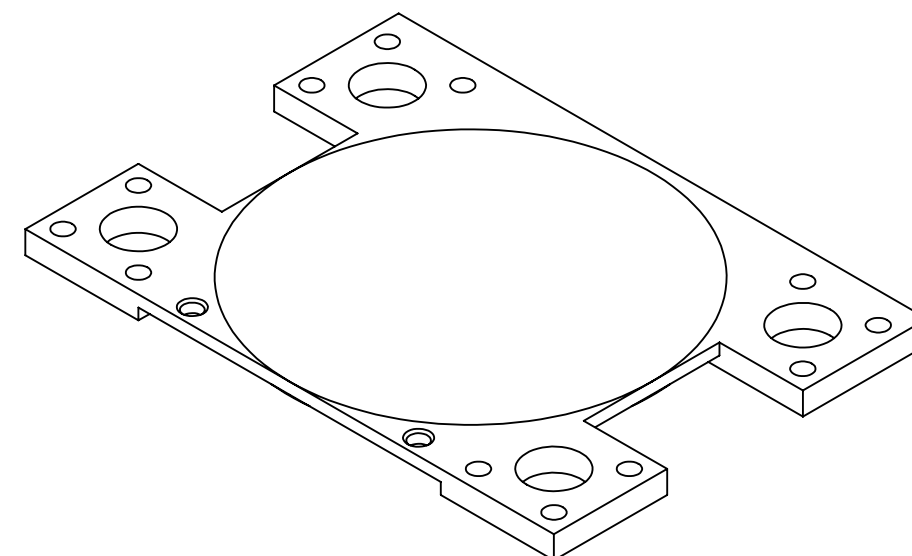
3

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## SECTION A-A

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PROHIBITED

UNLESS OTHERWISE SPECIFIED:

NAME
------

DATE \_\_\_\_\_

DRAWN

CHECKED

ENG APPR.

MFG APPR.

	Q.A.
--	------

COMMENTS:

DIMENSIONS ARE IN INCHES  
TOLERANCES:  
FRACTIONAL ±  
ANGULAR: MACH ± BEND  
TWO PLACE DECIMAL ±  
THREE PLACE DECIMAL ±

INTERPRET GEOMETRIC
TOLERANCING PER:
MATERIAL

FINISH

NEXT ASSY

USED ON

DO NOT SCALE DRAWING

	TITLE:
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SIZE	DWG. NO.
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RFV

# Bevator Platform

SCALE: 2:3	WEIGHT:
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SHEET 1 OF 1

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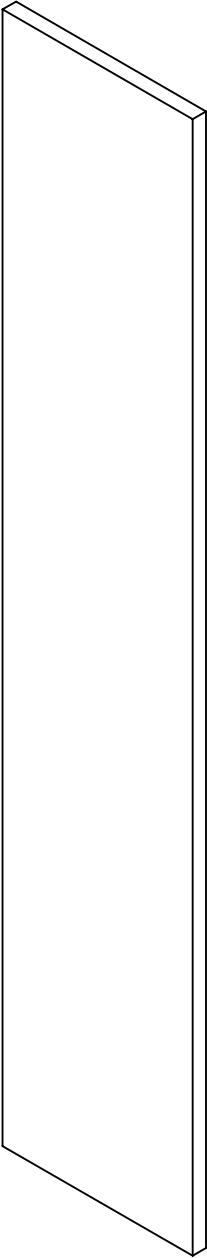
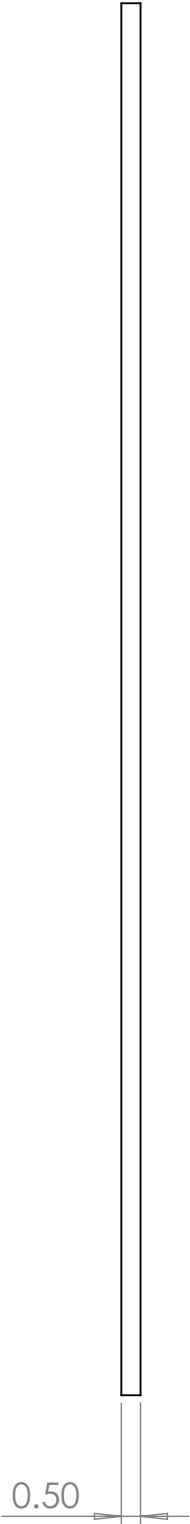
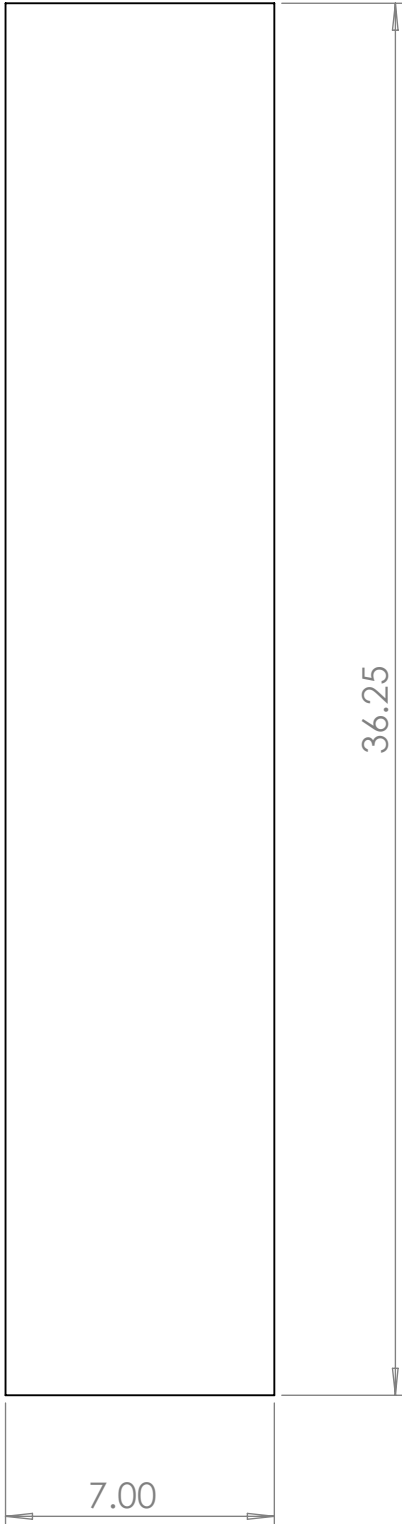
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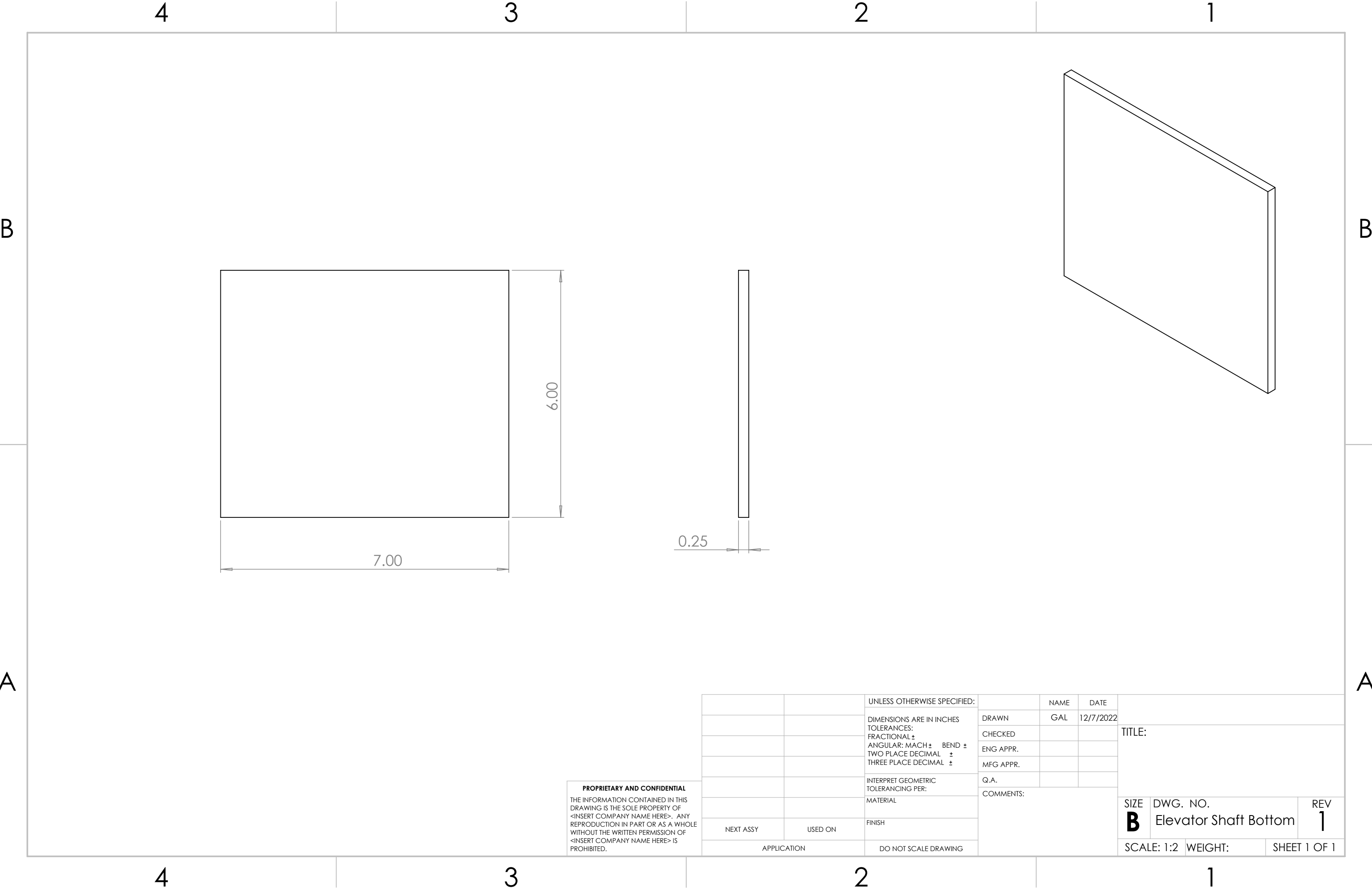
		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:		
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		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ±    BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.			SIZE    DWG. NO.    REV <b>B</b> Elevator Shaft Back <b>1</b>		
		THREE PLACE DECIMAL ±	COMMENTS:					
		INTERPRET GEOMETRIC						
		TOLERANCING PER:						
		MATERIAL						
NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING						
SCALE: 1:10						WEIGHT:	SHEET 1 OF 1	

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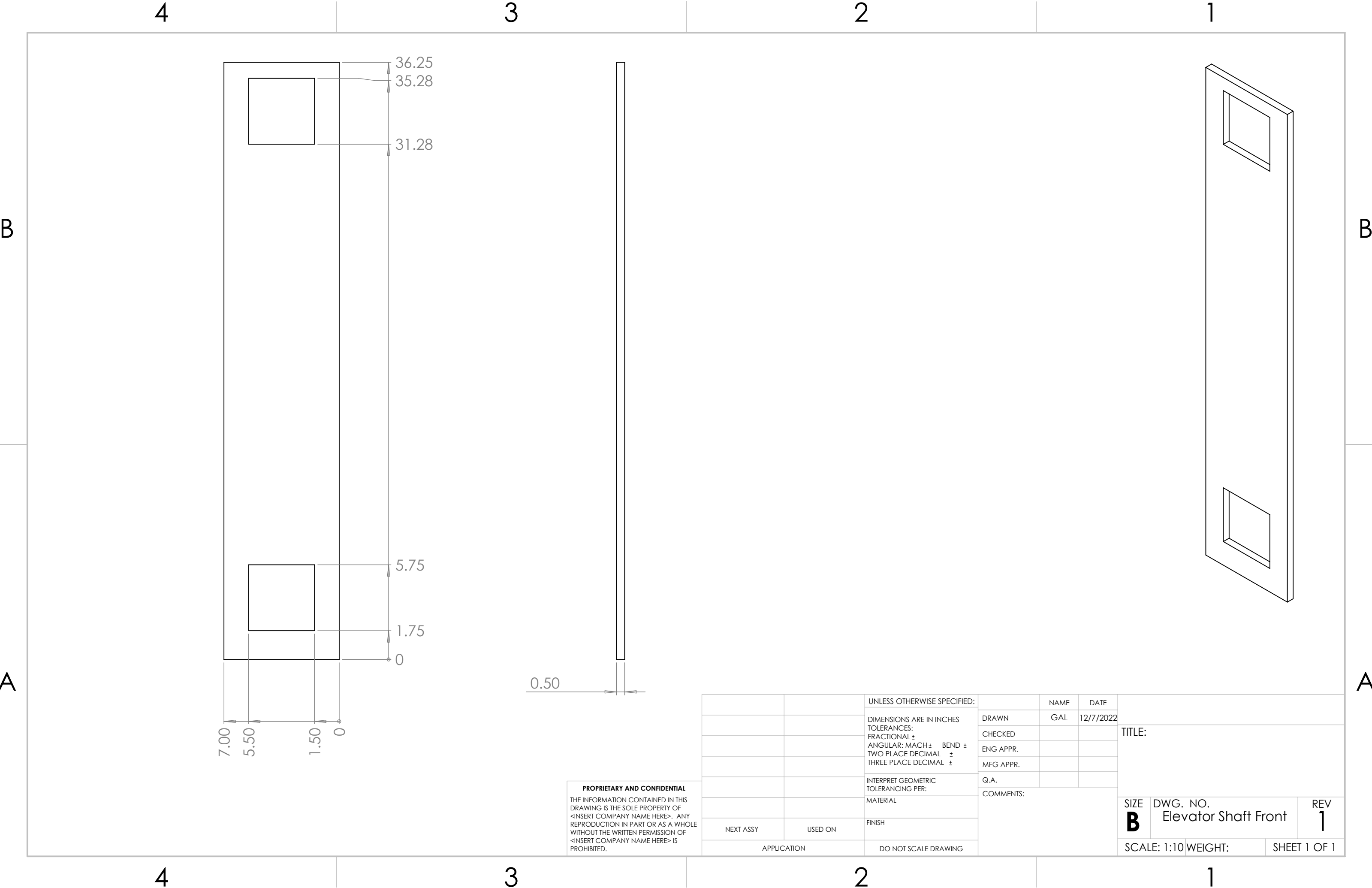
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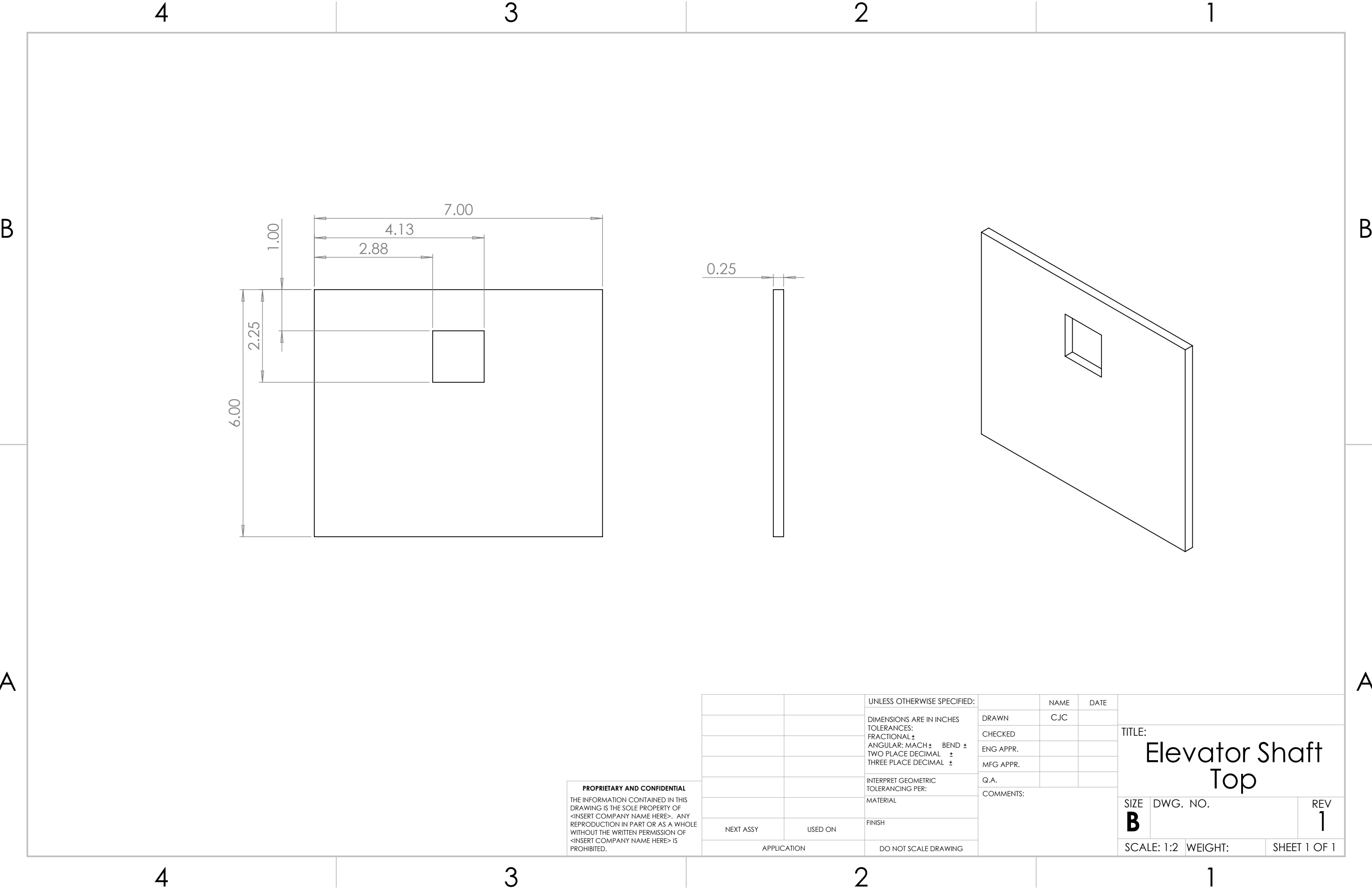


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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:		
		DIMENSIONS ARE IN INCHES	DRAWN	GAL	12/7/2022			
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ±    BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±				SIZE    DWG. NO.    REV <b>B</b> Elevator Shaft Bottom <b>1</b>		
		THREE PLACE DECIMAL ±						
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.					
		MATERIAL	COMMENTS:					
		FINISH						
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:2    WEIGHT:    SHEET 1 OF 1		

**B** Elevator Shaft Bottom **1**





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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: <div>Elevator Shaft Top</div>			
		DIMENSIONS ARE IN INCHES	DRAWN	CJC					
		TOLERANCES: FRACTIONAL ±	CHECKED						
		ANGULAR: MACH ±    BEND ±	ENG APPR.						
		TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	MFG APPR.						
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE <b>B</b>			
		MATERIAL	COMMENTS:						
		FINISH							
NEXT ASSY	USED ON					DWG. NO.		REV <b>1</b>	
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:2		WEIGHT:	SHEET 1 OF 1

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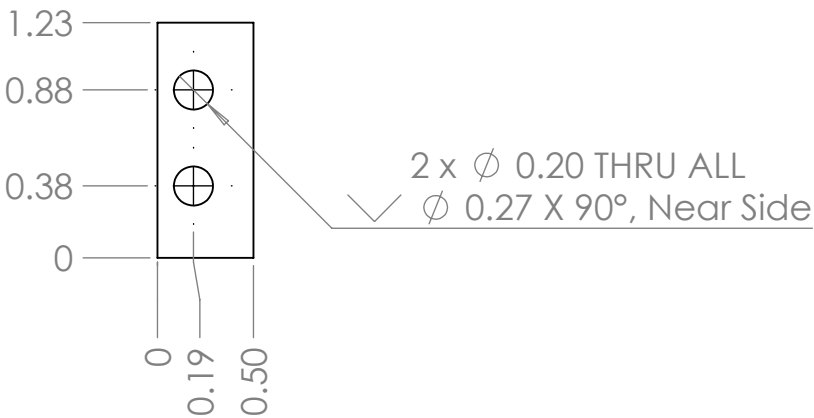
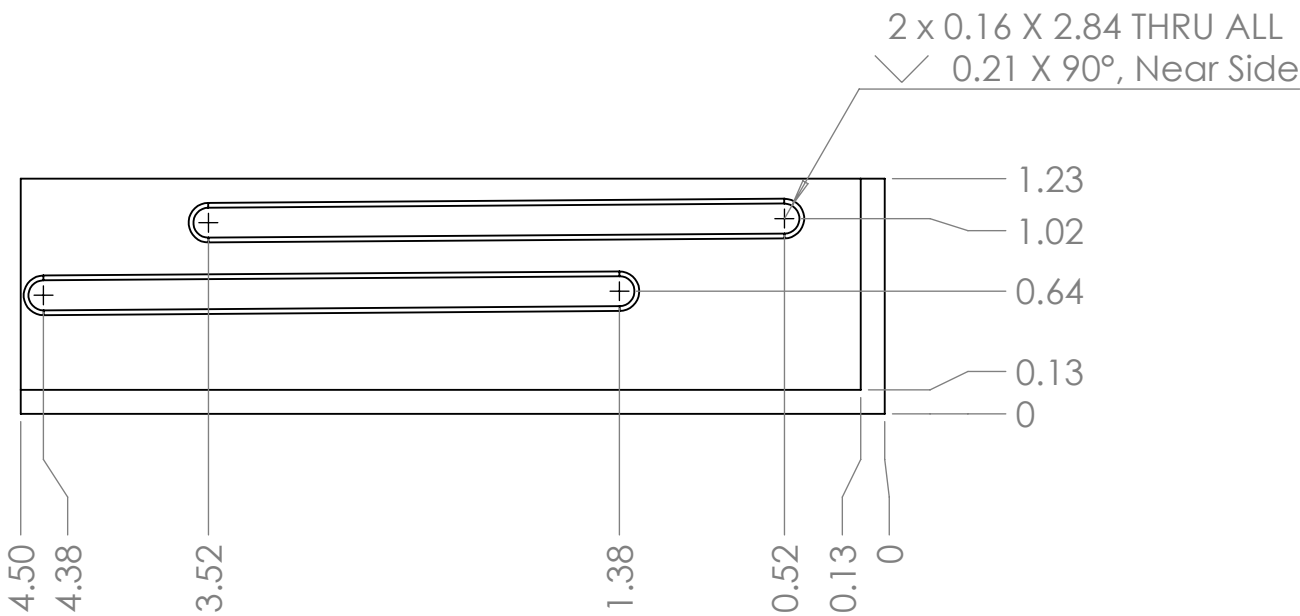
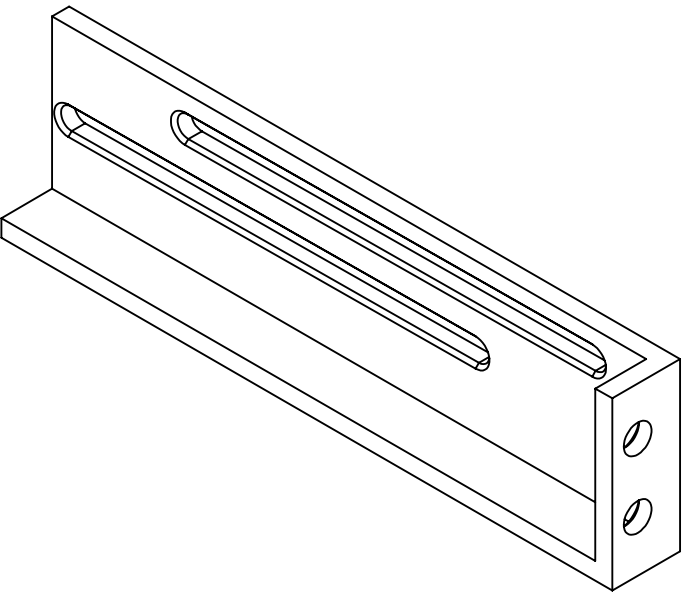
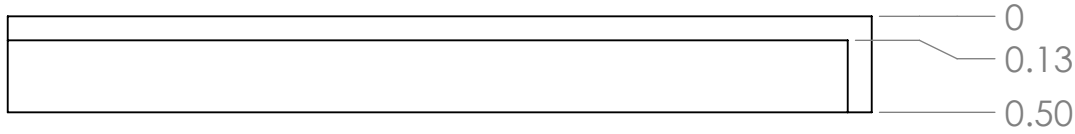
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:		
		DIMENSIONS ARE IN INCHES	DRAWN	GAL	12/7/2022			
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ±    BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.			SIZE <b>B</b>		
		THREE PLACE DECIMAL ±	COMMENTS:					
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL				DWG. NO.	REV	
NEXT ASSY	USED ON	FINISH				Limit Switch Mount	1	
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:1	WEIGHT:	SHEET 1 OF 1

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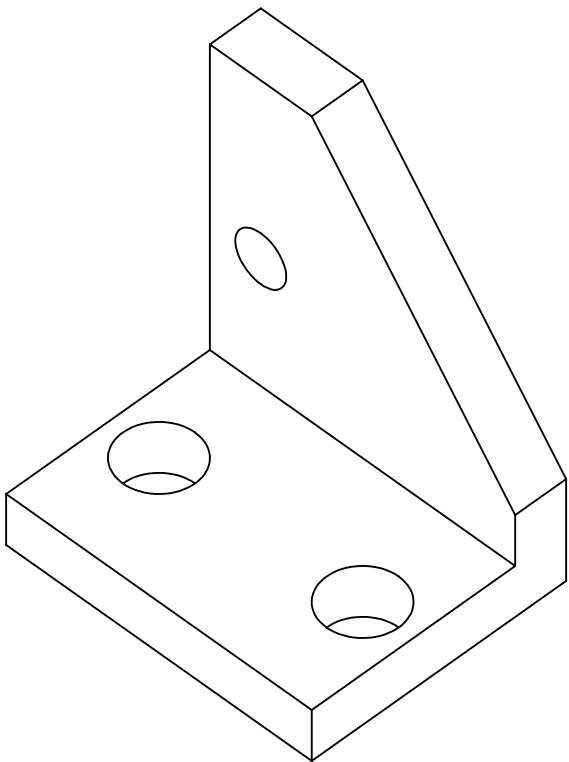
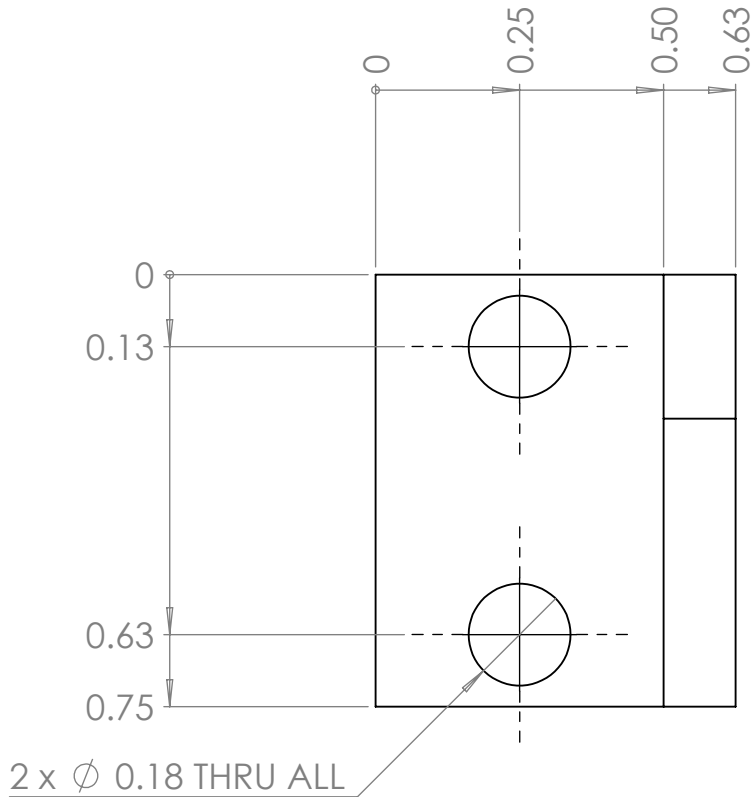
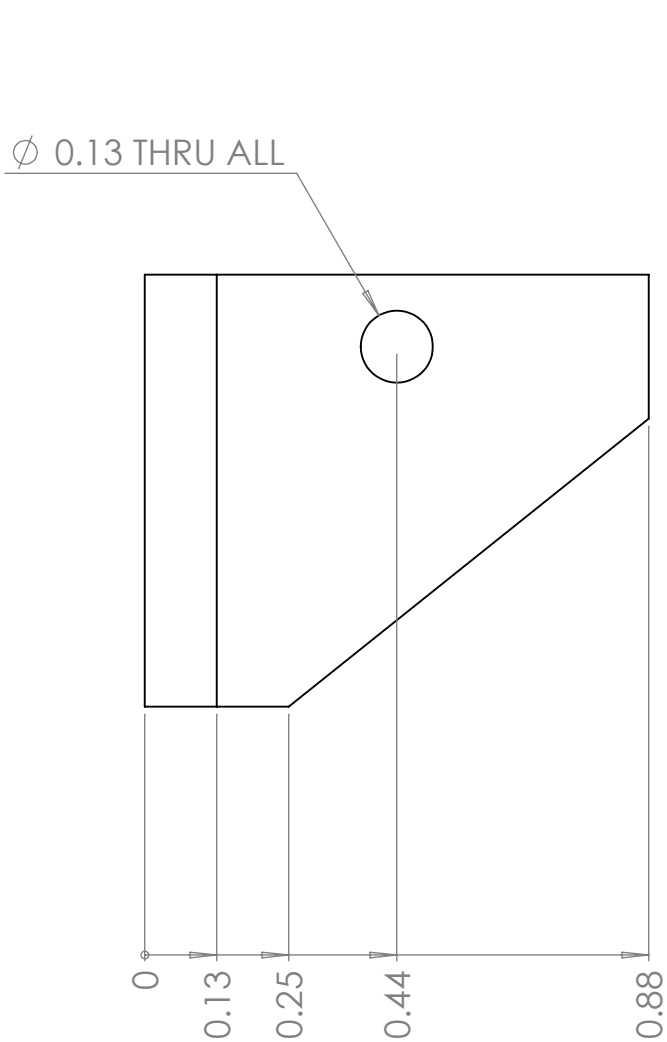
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:  <div>Pin Elevator Mount - LH</div>		
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ±    BEND ± TWO PLACE DECIMAL    ± THREE PLACE DECIMAL    ±	DRAWN	CJC				
			CHECKED					
			ENG APPR.					
			MFG APPR.					
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE <b>B</b>	DWG. NO.	REV <b>1</b>
		MATERIAL	COMMENTS:					
NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING				SCALE: 3:1	WEIGHT:	SHEET 1 OF 1

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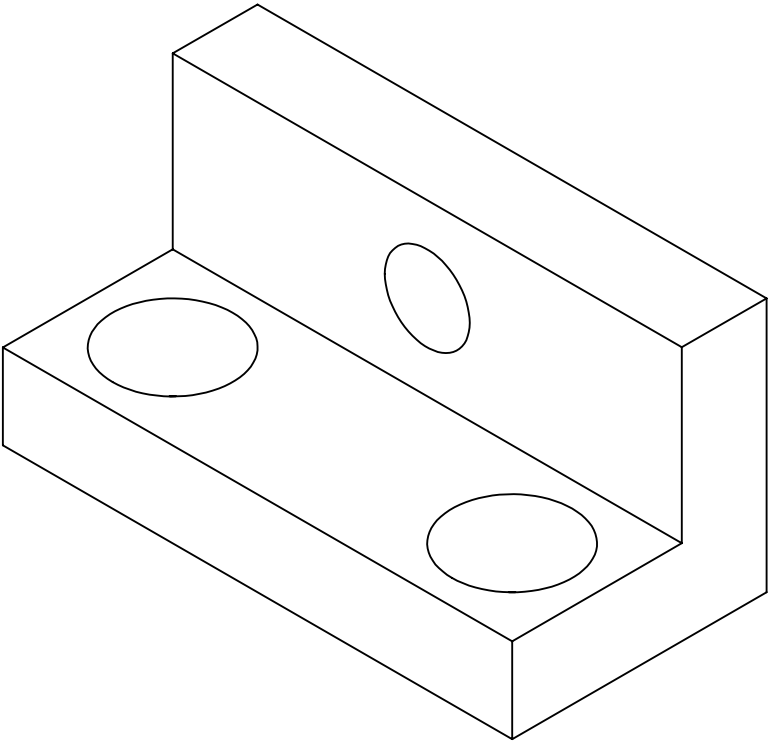
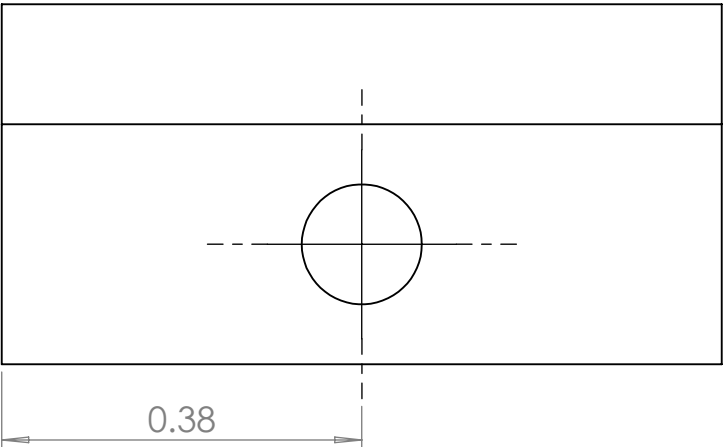
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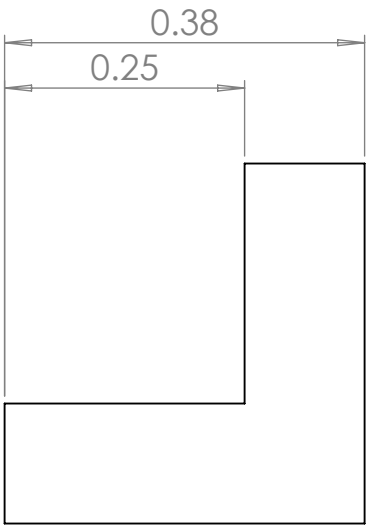
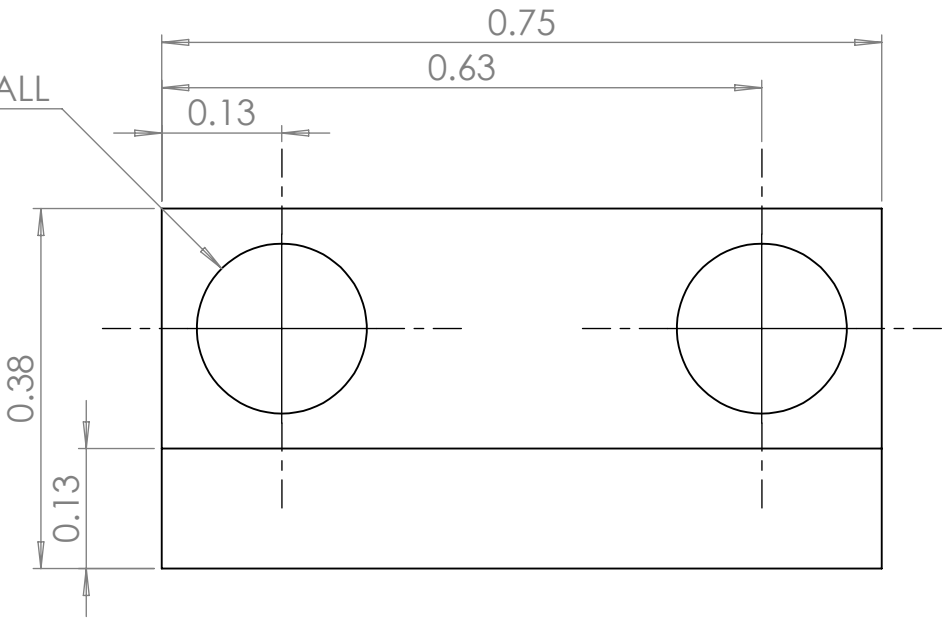
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: <div>Pin Platform Mount</div>			
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ±    BEND ± TWO PLACE DECIMAL    ± THREE PLACE DECIMAL    ±	DRAWN						
			CHECKED						
			ENG APPR.						
			MFG APPR.						
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE <b>B</b>			
		MATERIAL	COMMENTS:						
		FINISH							
NEXT ASSY	USED ON					DWG. NO.		REV <b>1</b>	
APPLICATION		DO NOT SCALE DRAWING				SCALE: 5:1		WEIGHT:	SHEET 1 OF 1

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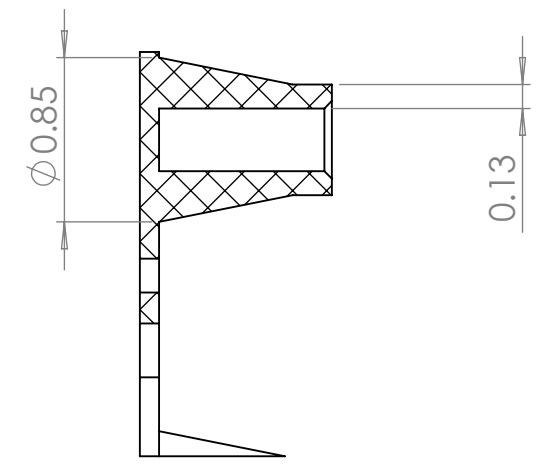
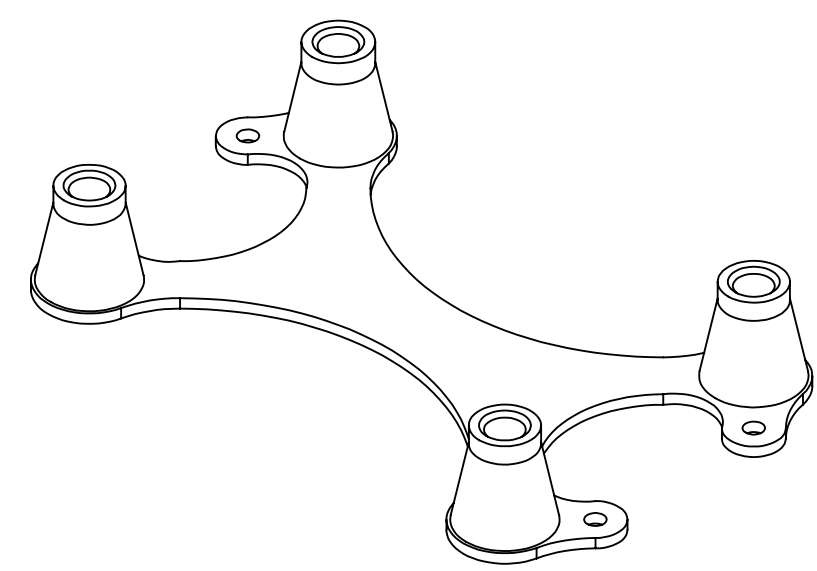
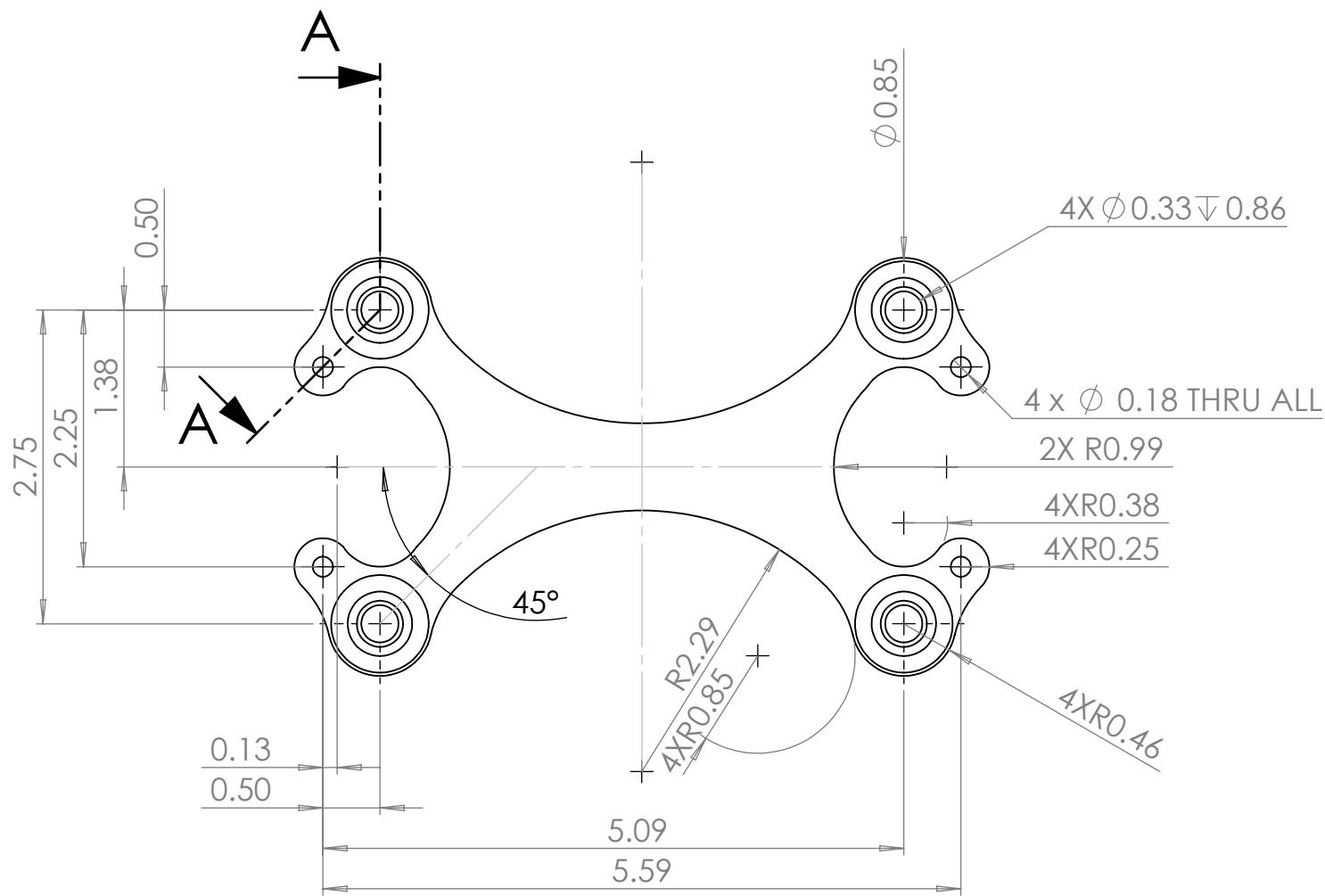
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SECTION A-A  
SCALE 1 : 1

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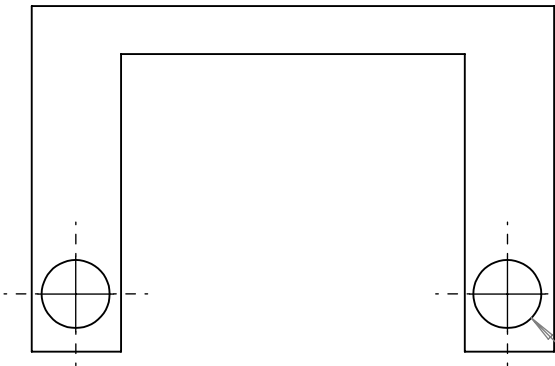
		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:  <div>Rail Mount Bottom</div>		
		DIMENSIONS ARE IN INCHES	DRAWN	CJC				
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ±    BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±				SIZE    DWG. NO.    REV <div>B</div> 1		
		THREE PLACE DECIMAL ±						
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.					
		MATERIAL	COMMENTS:					
		FINISH						
E	NEXT ASSY	USED ON						
APPLICATION		DO NOT SCALE DRAWING				SCALE: 2:3	WEIGHT:	SHEET 1 OF 1

4

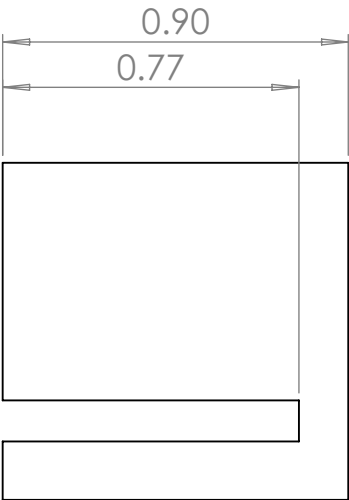
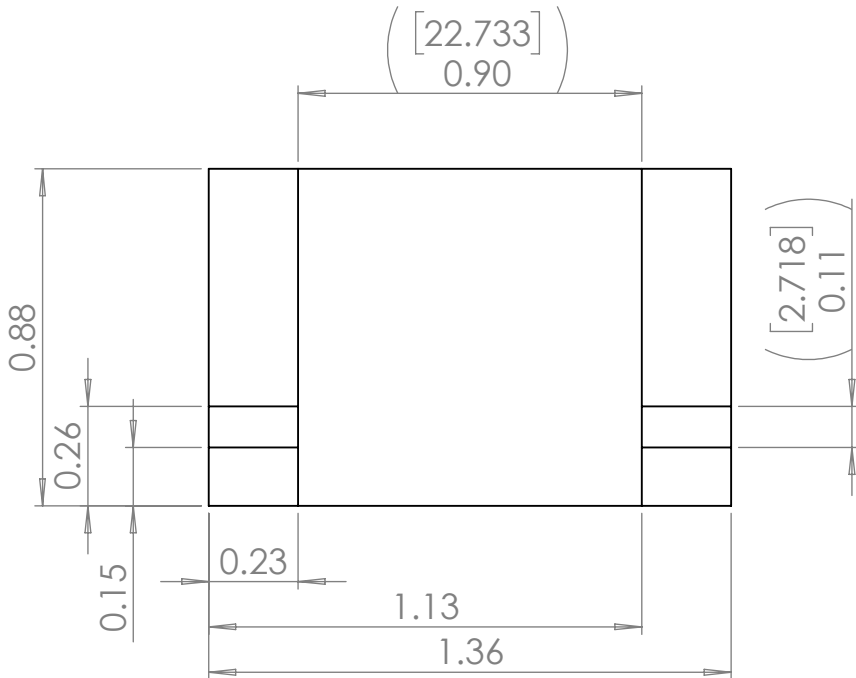
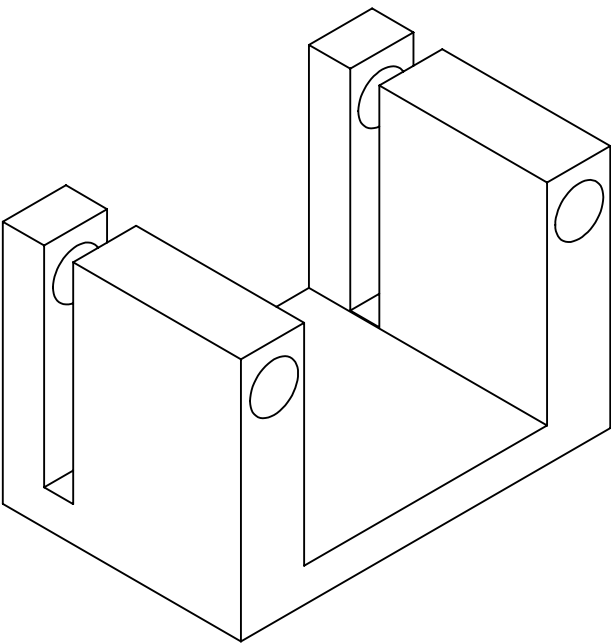
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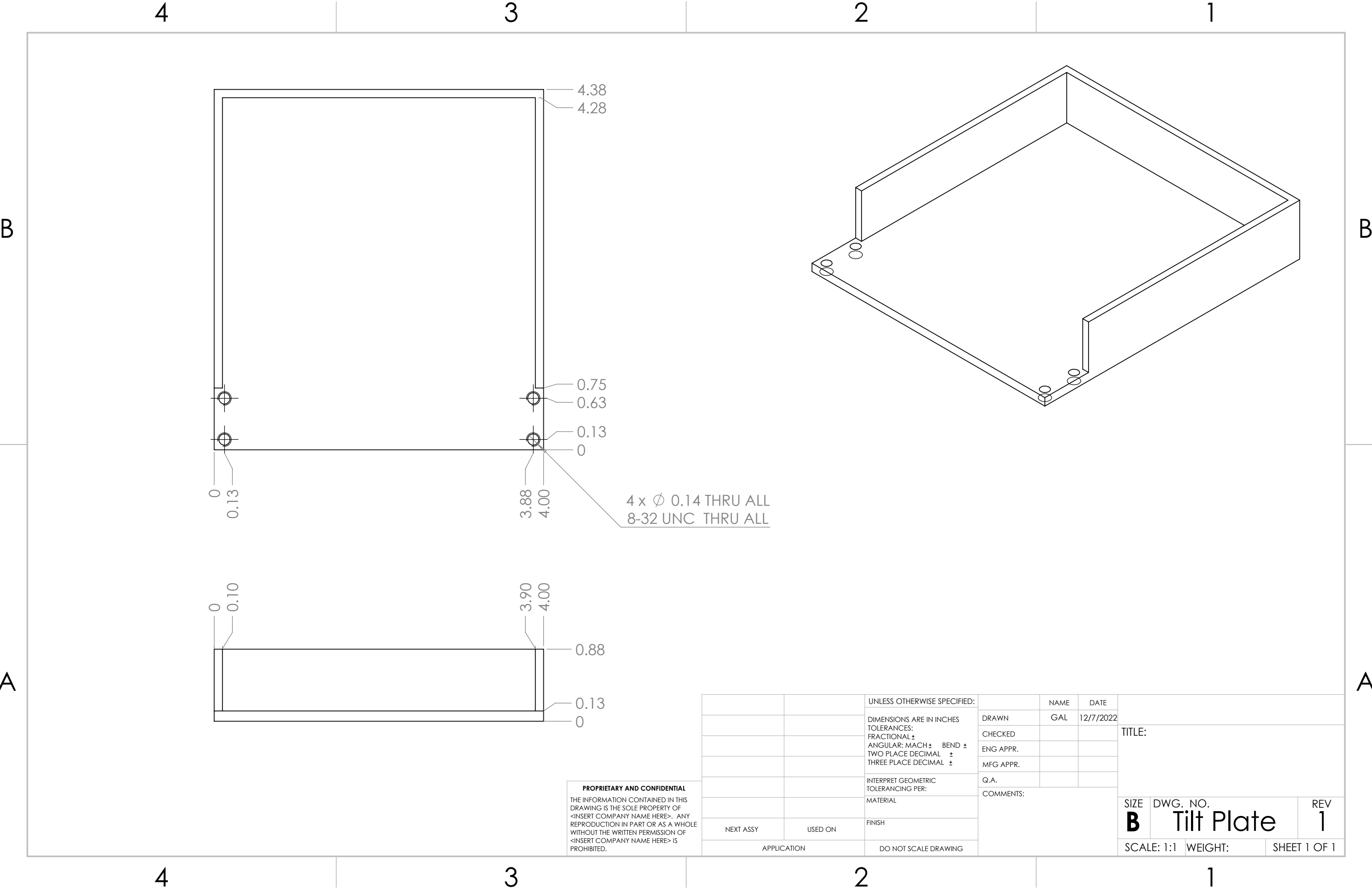


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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: <div>Servo Motor Mount</div>				
		DIMENSIONS ARE IN INCHES	DRAWN	CJC						
		TOLERANCES: FRACTIONAL ±	CHECKED							
		ANGULAR: MACH ±    BEND ±	ENG APPR.							
		TWO PLACE DECIMAL    ±	MFG APPR.							
		THREE PLACE DECIMAL    ±	Q.A.			SIZE <b>B</b>				
		INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:							
		MATERIAL								
NEXT ASSY	USED ON	FINISH	SCALE: 2:1				DWG. NO.		REV <b>1</b>	
APPLICATION		DO NOT SCALE DRAWING								
							WEIGHT:		SHEET 1 OF 1	



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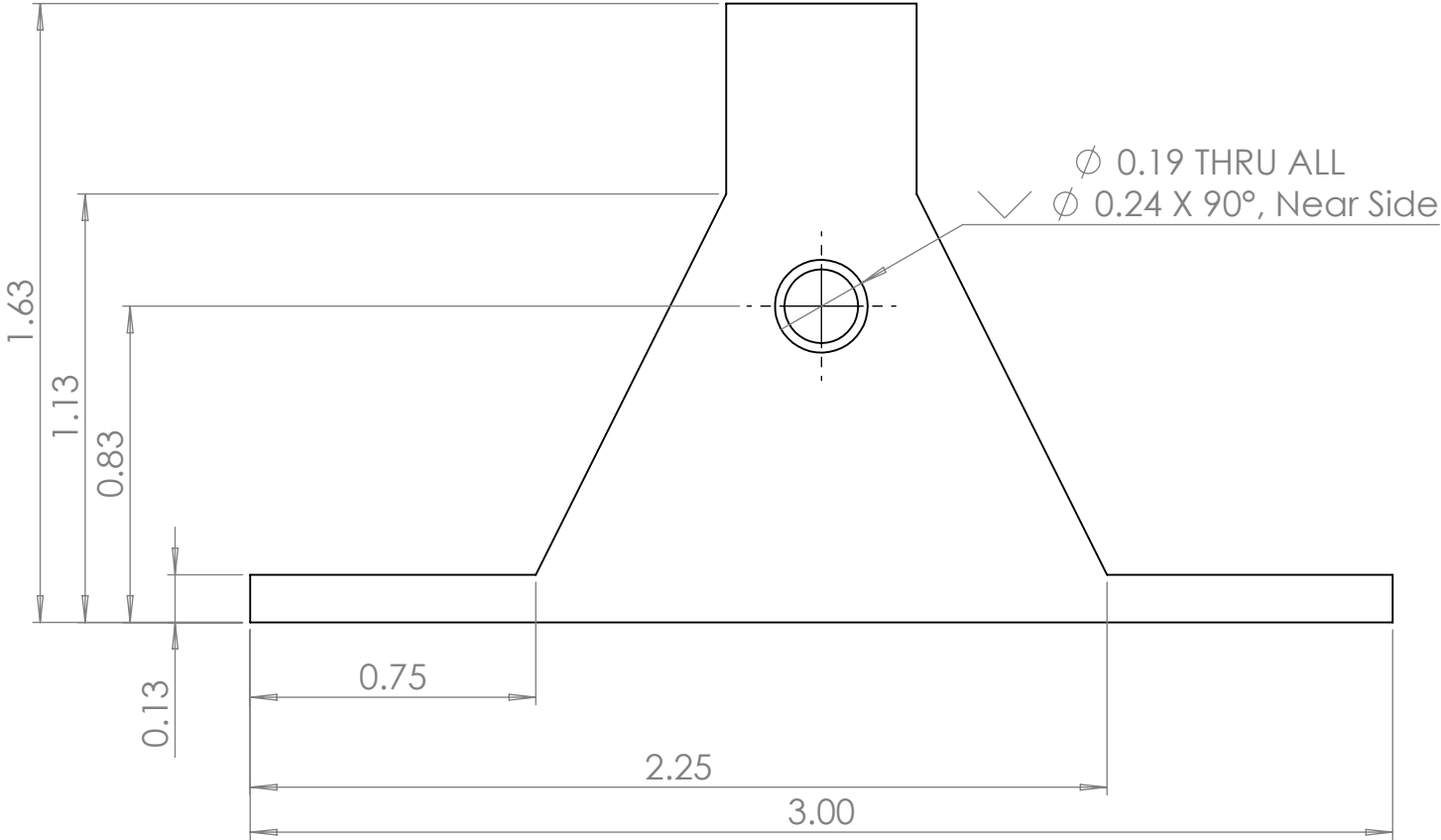
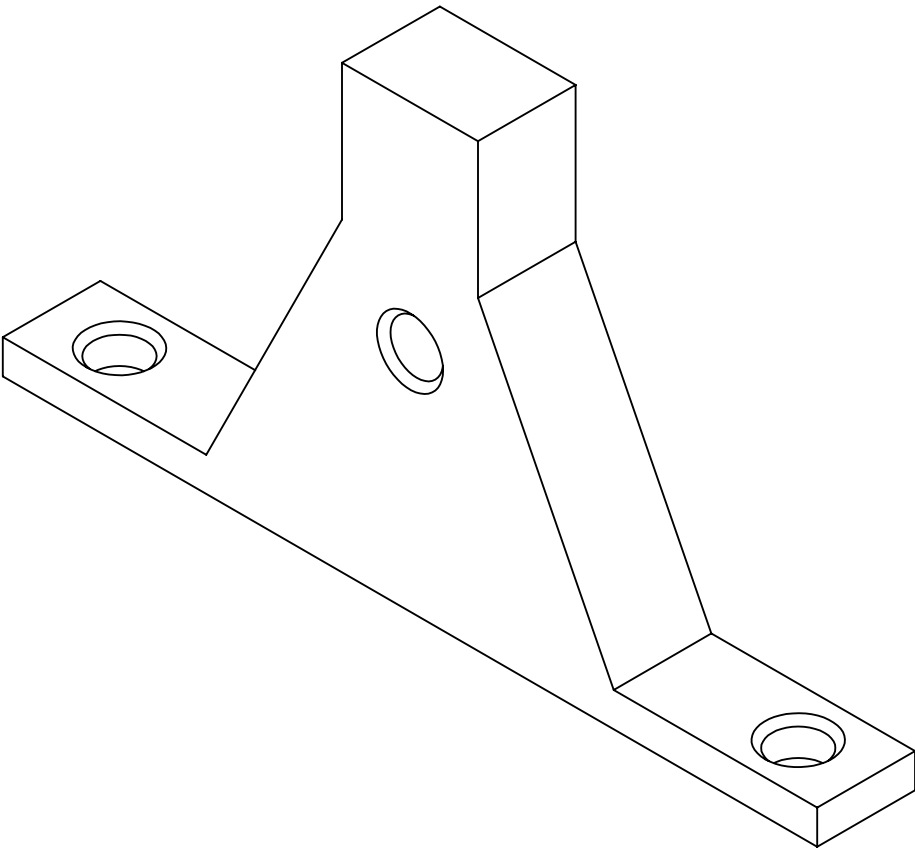
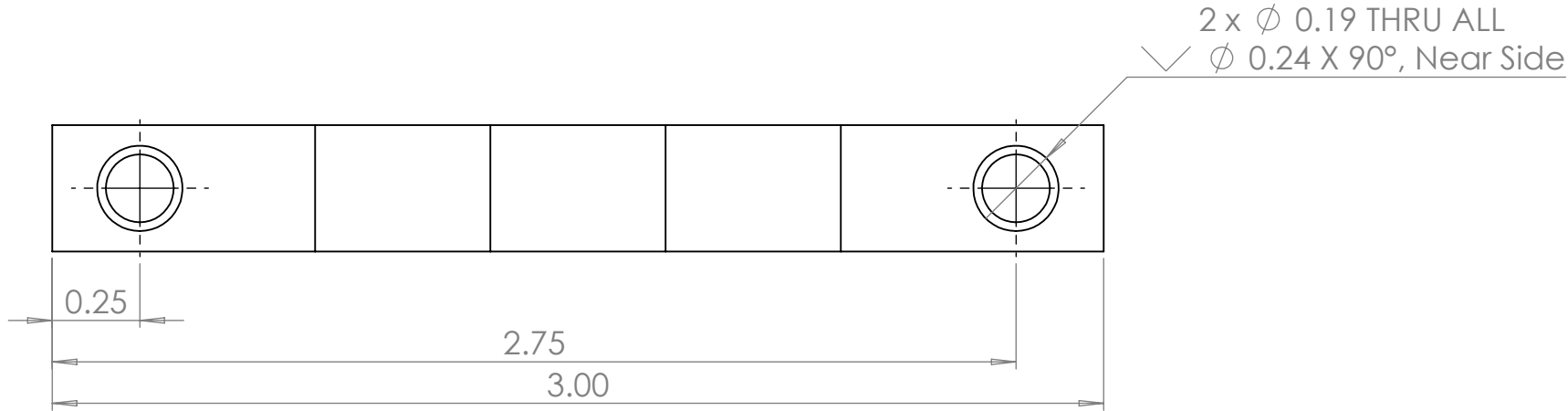
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: <b>Timing Belt Mount</b>		
		DIMENSIONS ARE IN INCHES	DRAWN	CJC				
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.			SIZE <b>B</b>		
		THREE PLACE DECIMAL ±	COMMENTS:					
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL				DWG. NO.		REV <b>1</b>
NEXT ASSY	USED ON	FINISH				SCALE: 2:1	WEIGHT:	SHEET 1 OF 1
APPLICATION		DO NOT SCALE DRAWING						

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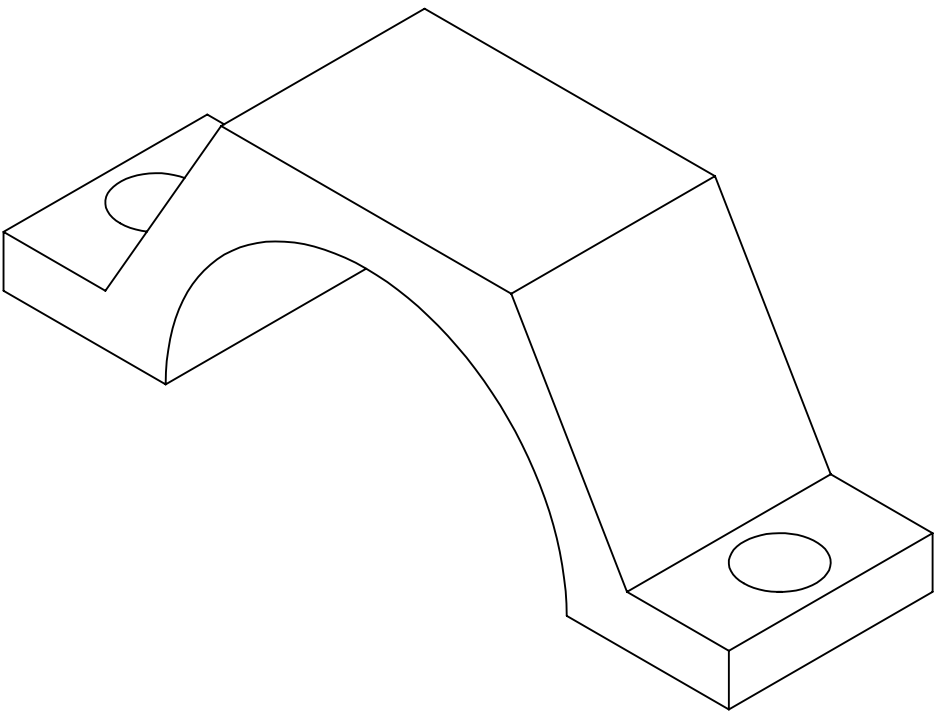
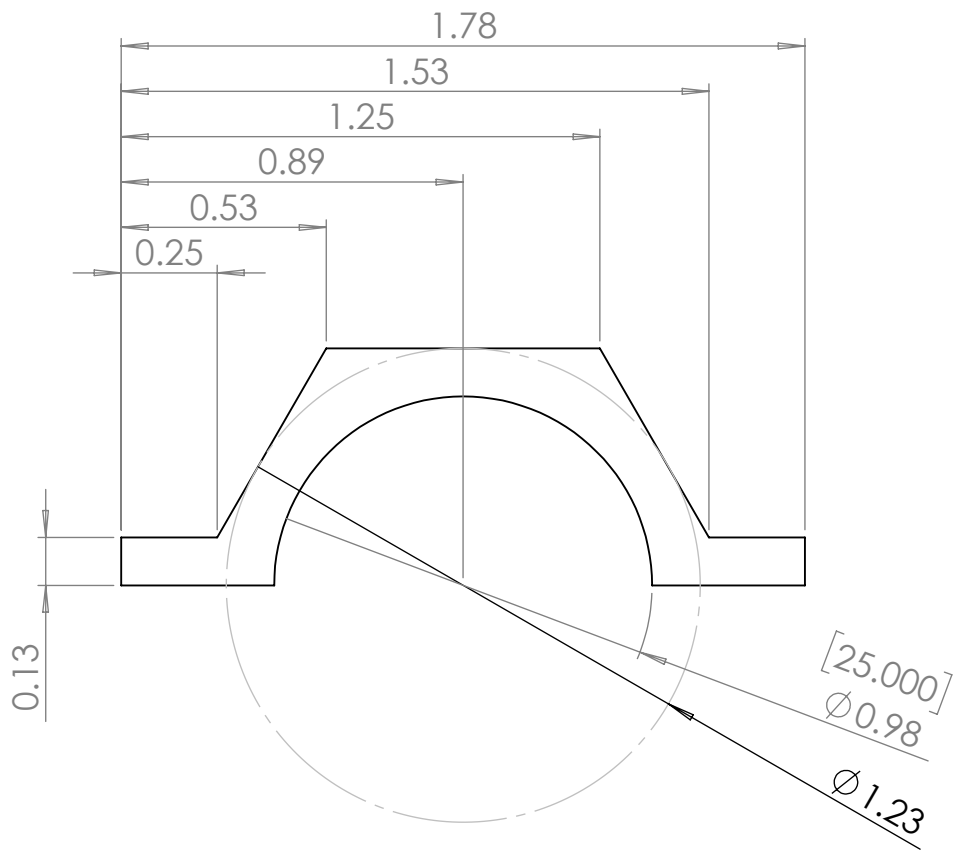
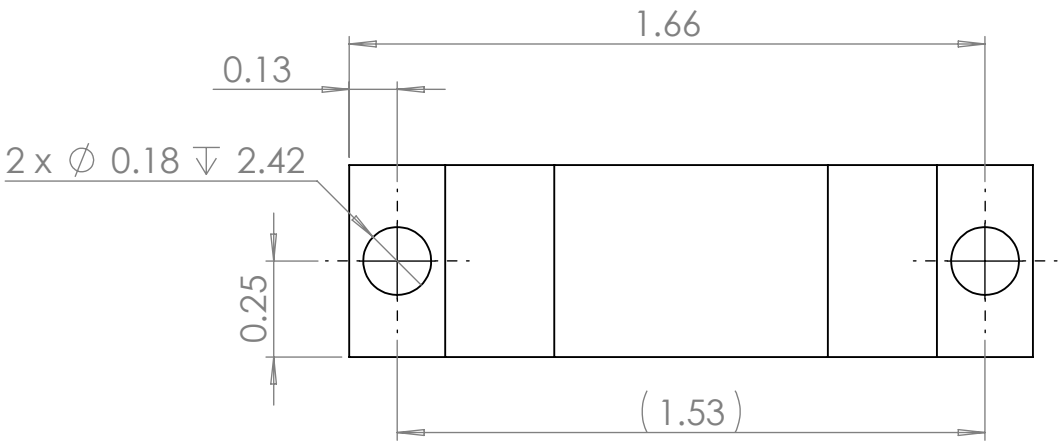
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: <div>Torque Gear Mount Upper</div>		
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ±    BEND ± TWO PLACE DECIMAL    ± THREE PLACE DECIMAL    ±	DRAWN	CJC				
			CHECKED					
			ENG APPR.					
			MFG APPR.					
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			COMMENTS:		
		MATERIAL						
		FINISH						
NEXT ASSY	USED ON					SIZE <b>B</b>	DWG. NO.	REV <b>1</b>
APPLICATION		DO NOT SCALE DRAWING				SCALE: 2:1	WEIGHT:	SHEET 1 OF 1

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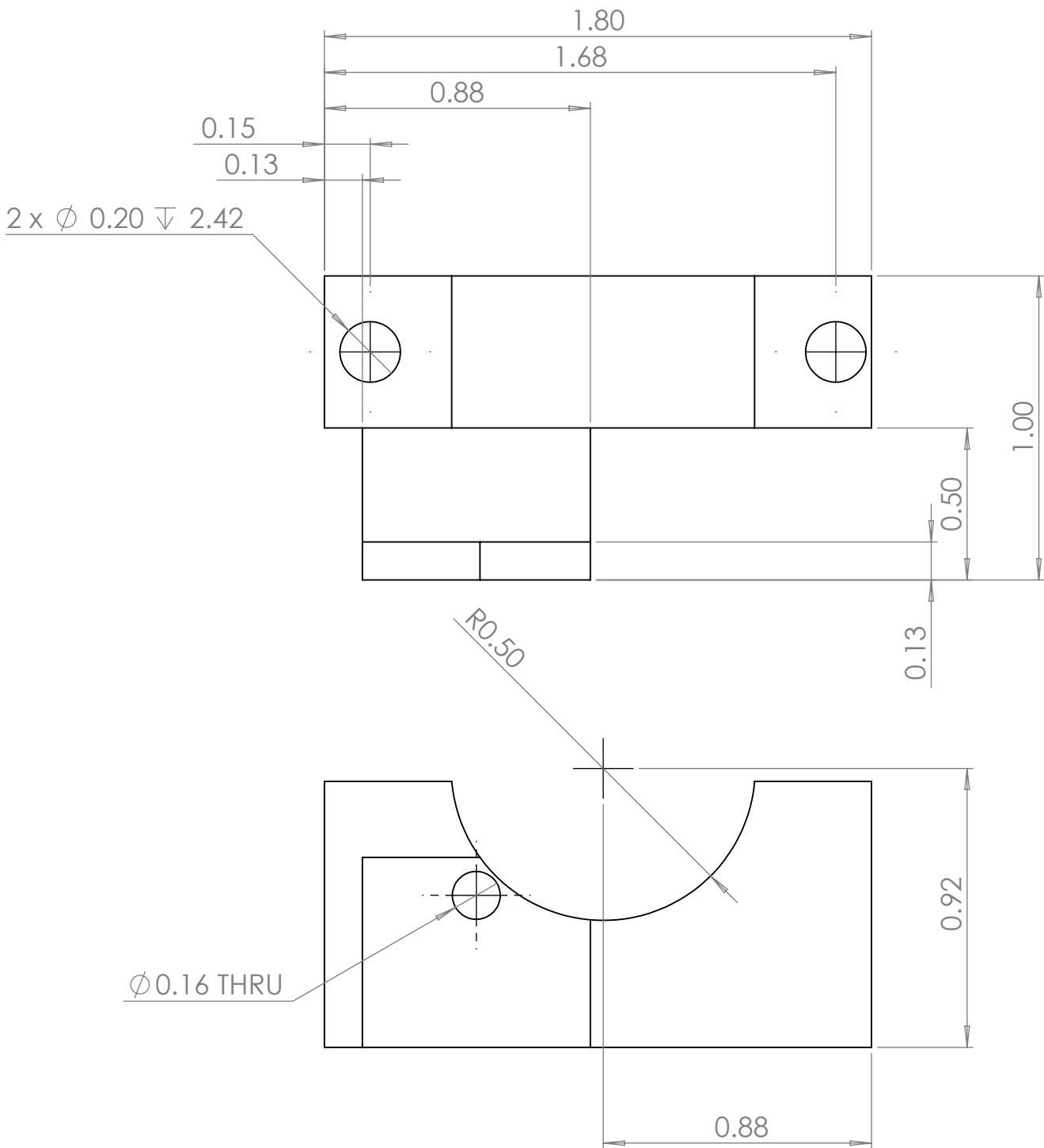
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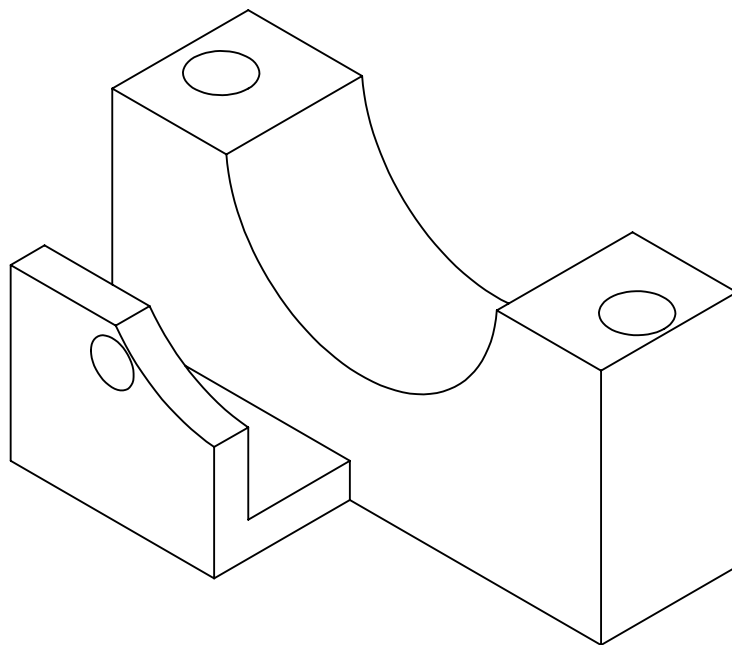
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: <b>Torque Gear Mount</b>		
		DIMENSIONS ARE IN INCHES	DRAWN	CJC				
		TOLERANCES:	CHECKED					
		FRACTIONAL $\pm$	ENG APPR.					
		ANGULAR: MACH $\pm$ BEND $\pm$	MFG APPR.					
		TWO PLACE DECIMAL $\pm$	Q.A.			SIZE	DWG. NO.	REV
		THREE PLACE DECIMAL $\pm$	COMMENTS:			<b>B</b>		<b>1</b>
NEXT ASSY	USED ON	MATERIAL				SCALE: 2:1	WEIGHT:	SHEET 1 OF 1
		FINISH						
		DO NOT SCALE DRAWING						