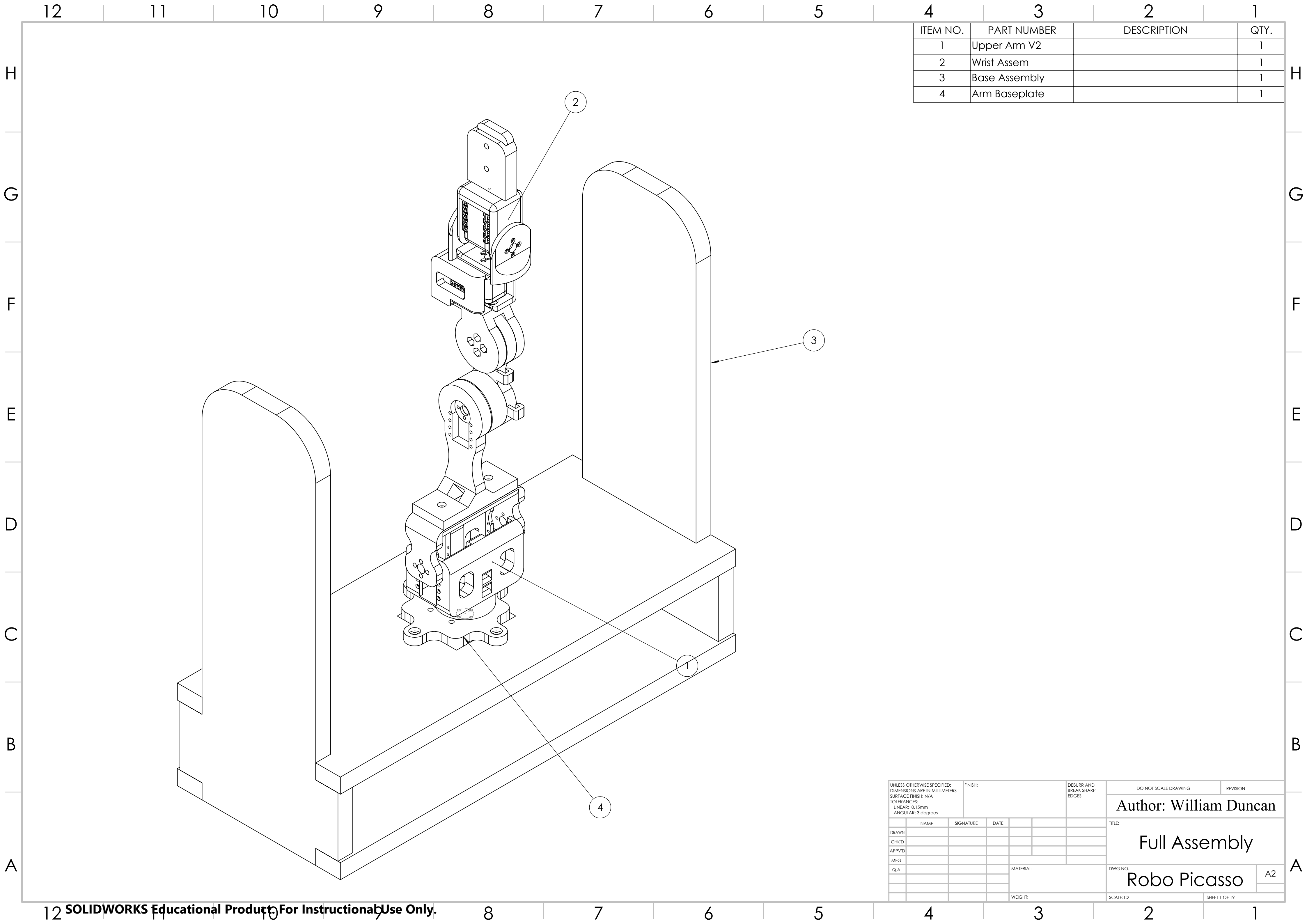


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Bill Of Materials

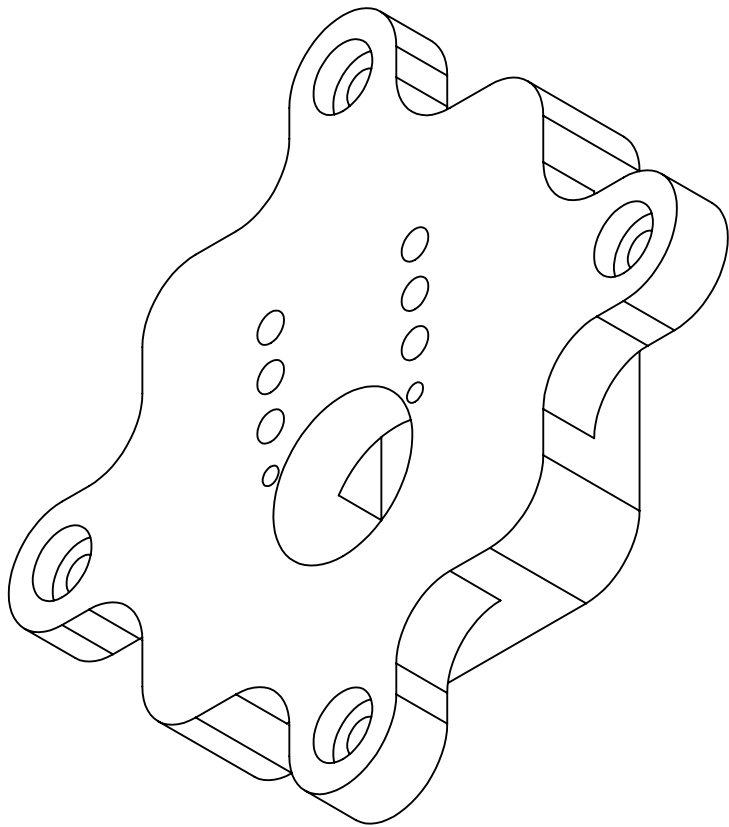
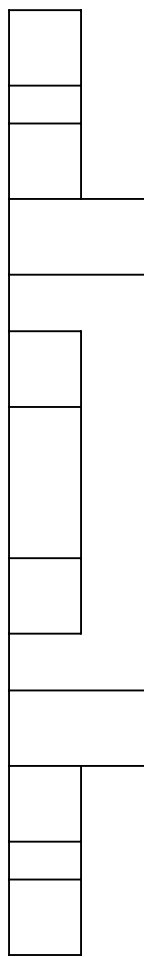
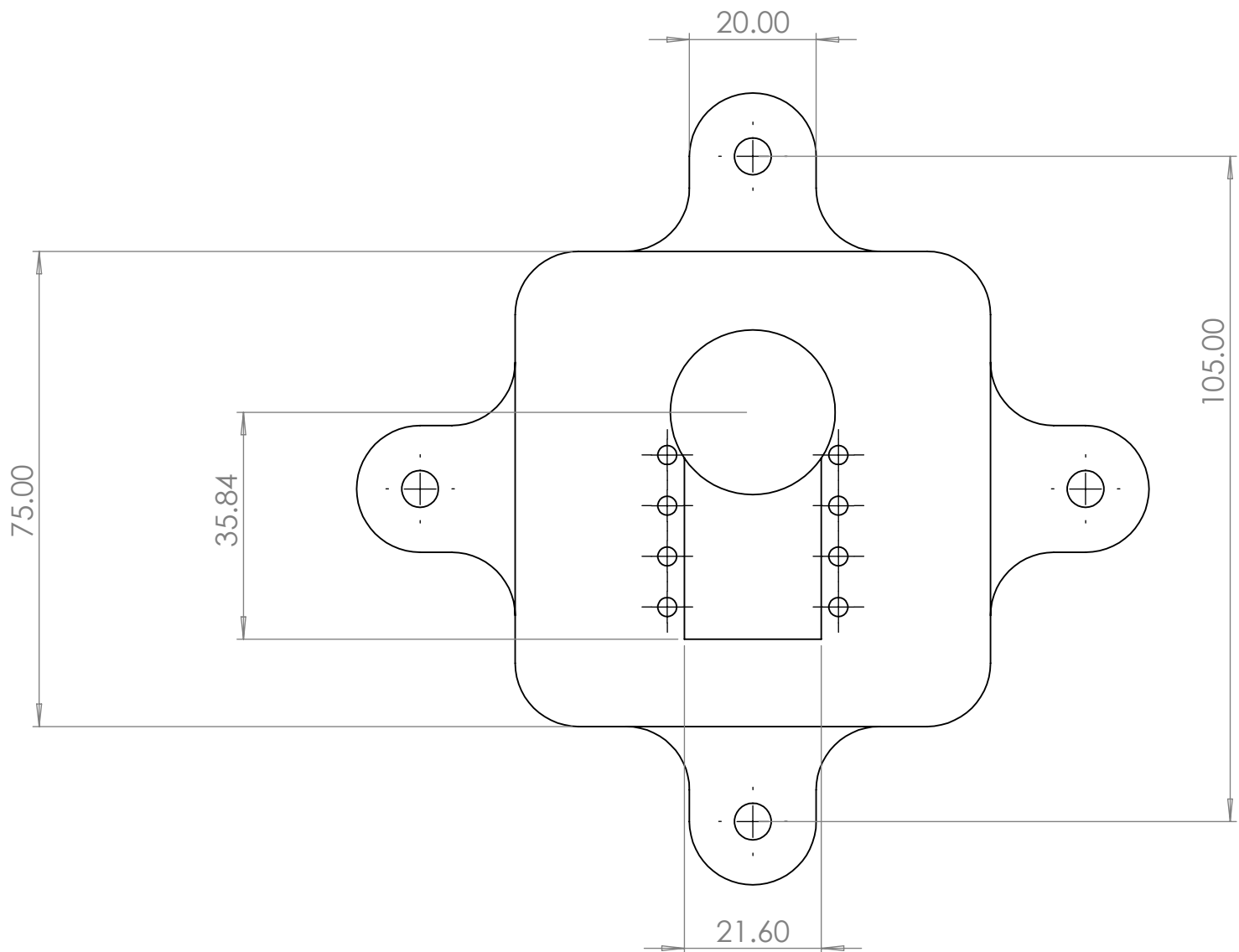
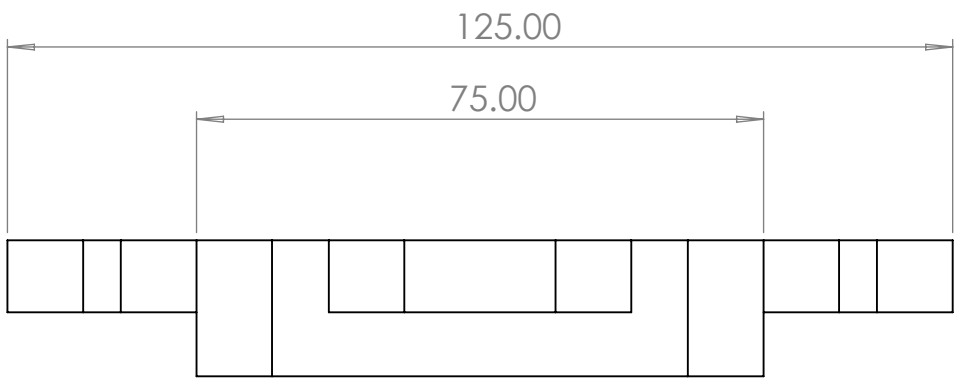
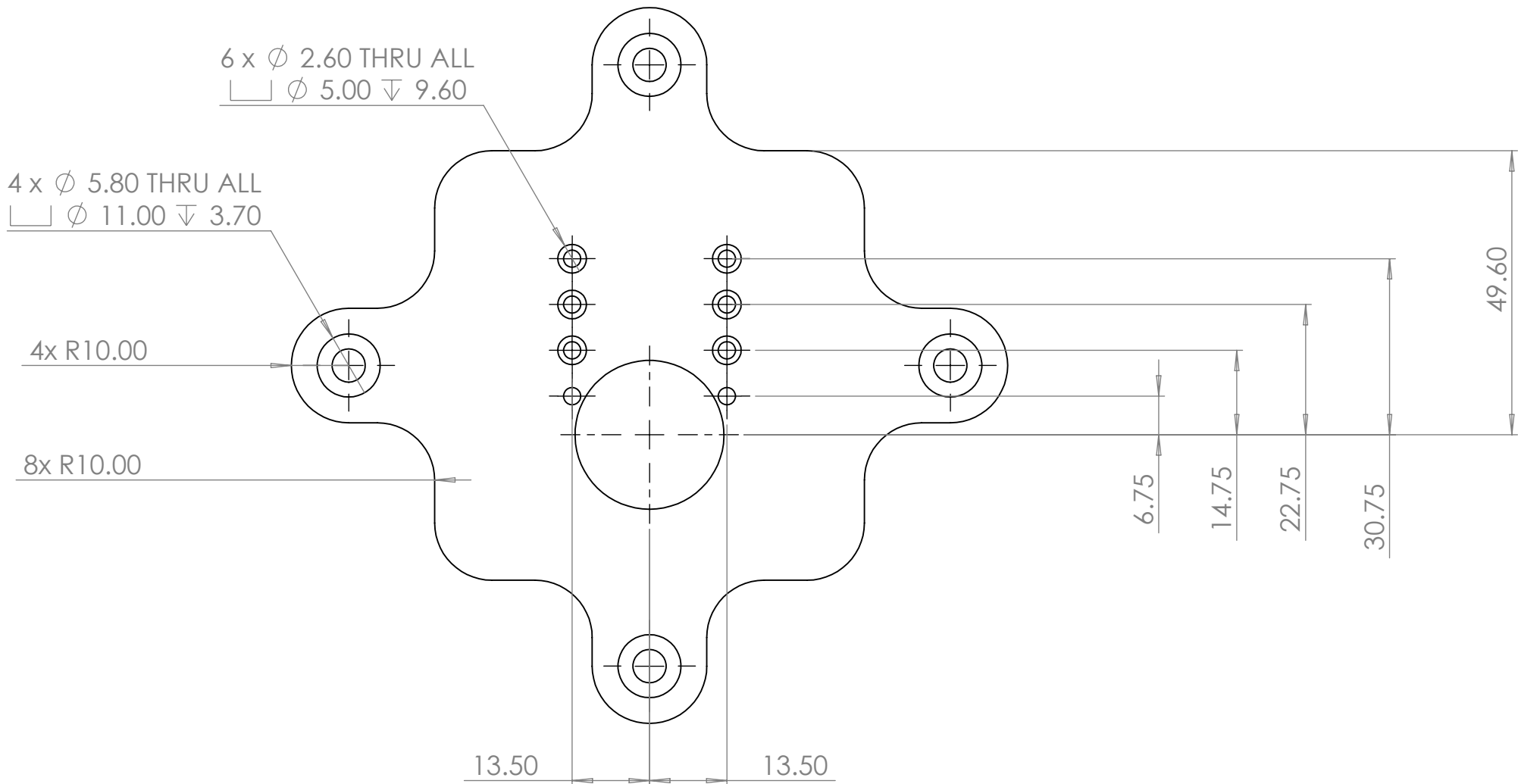
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Brush	10		\$ 21.99	4/6/2023	AROIC Acrylic Painting Brush Set, 10 Packs / 120 Pcs, Nylon Brush Head, Suitable for Oil and Watercolor, Perfect Suit of Art Painting, Best Gift for Painting Enthusiasts.	Source
Paint Container	40		\$ 8.99	4/3/2023	DecorRack 40 Plastic Mini Containers with Lids, 0.5oz, Craft Storage Containers for Beads, Glitter, Slime, Paint or Seed Storage, Small Clear Empty Cups with Lids (40 Pack)	Source
Paint	12		\$ 57.99	4/6/2023	Jack Richeson 101592 Tempera Powder Paint, Set of 12	Source
Servo Motor	5	\$50	\$250	2/17/2023	https://www.robotis.us/dynamixel-ax-12a/Rannb 51105 Thrust Ball Bearing Axial Ball Thrust Ball Bearings 25mm x 42mm x 11mm - Pack of 3: Amazon.com: Industrial & Scientific	Void
Thrust Bearing	4	\$ 9.49	\$ 37.96	3/17/2023	OpenRB-150 - ROBOTIS	Verify Item
MicroController With Shield	1	\$ 24.90	\$ 24.90	3/17/2023	Robot Cable-3P 1100mm (LN-101) - ROBOTIS	
Cable 1100mm Long	1	\$5.80	\$5.80	3/17/2023	Robot Cable-3P 200mm 10pcs - ROBOTIS	
Cable 200mm	1	\$17.28	\$17.28	3/18/2023	https://www.mcmaster.com/90031A249/	Verify Item
Steel Phillips Flat Head Screws	50	\$ 0.11	\$ 5.56	3/19/2023		
Total			\$ 430.47			



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Upper Arm V2		1
2	Wrist Assem		1
3	Base Assembly		1
4	Arm Baseplate		1

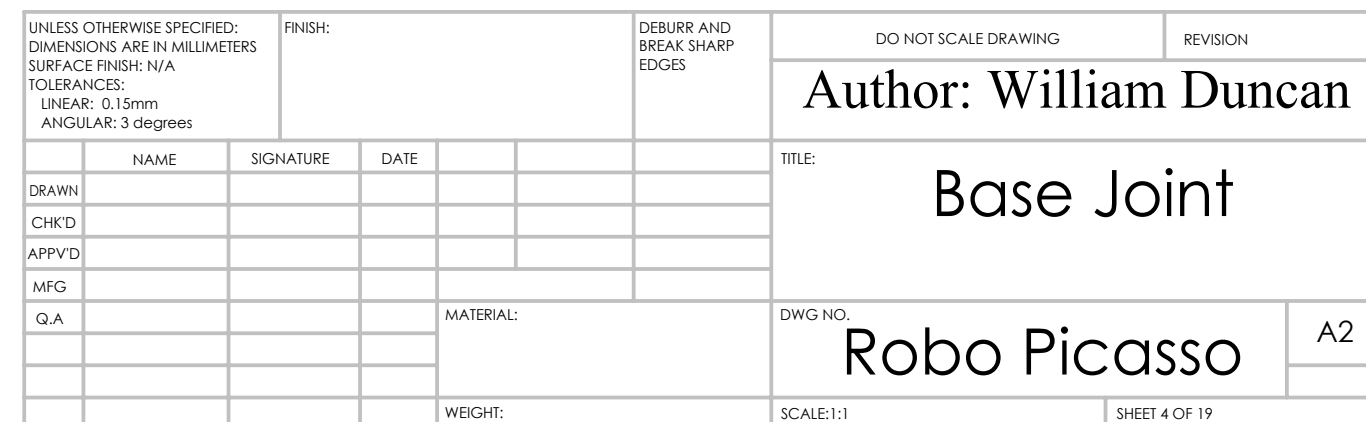
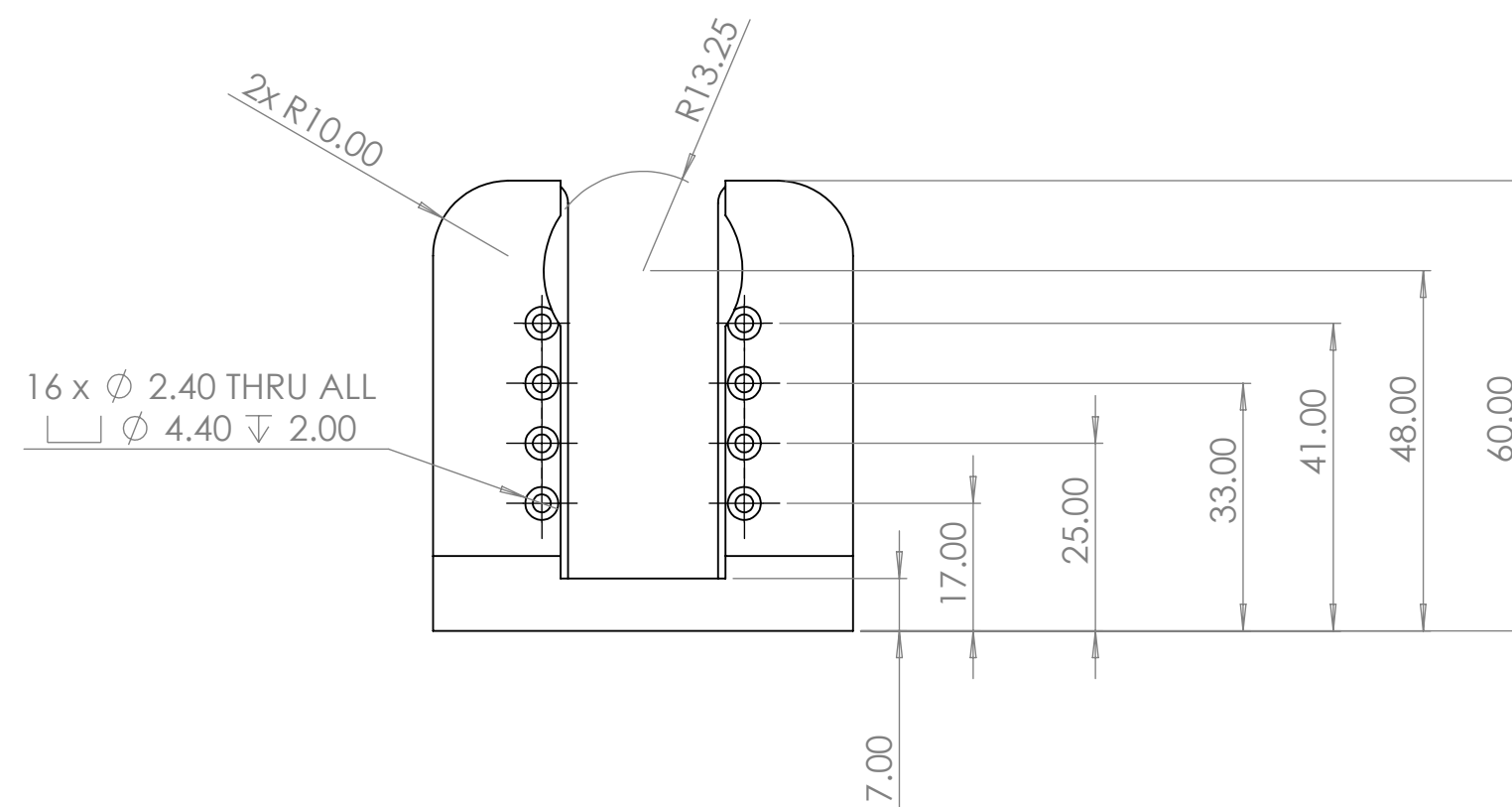
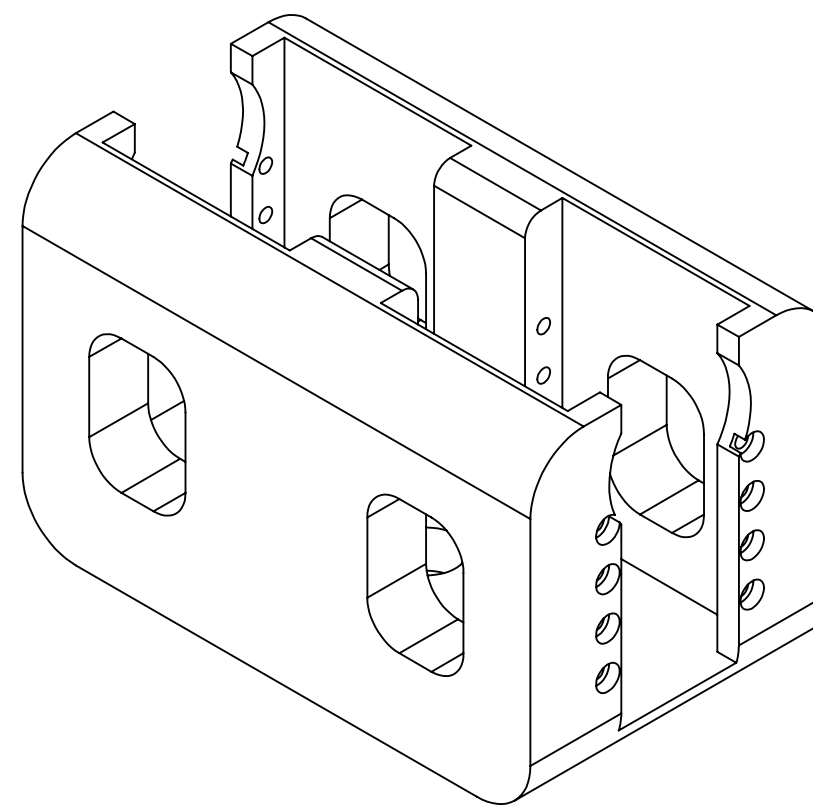
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								Author: William Duncan			
DRAWN		NAME	SIGNATURE	DATE					TITLE: Full Assembly		
CHK'D											
APP'V'D									DWG NO. Robo Picasso		
MFG											
Q.A					MATERIAL:			A2			
								SCALE:1:2			
WEIGHT:							SHEET 1 OF 19				

- Notes:
1. All Fillets have a radius of 10mm unless otherwise specified
 2. All linear dimensions have a tolerance of 0.15mm unless otherwise specified
 3. Material: ABS Plastic

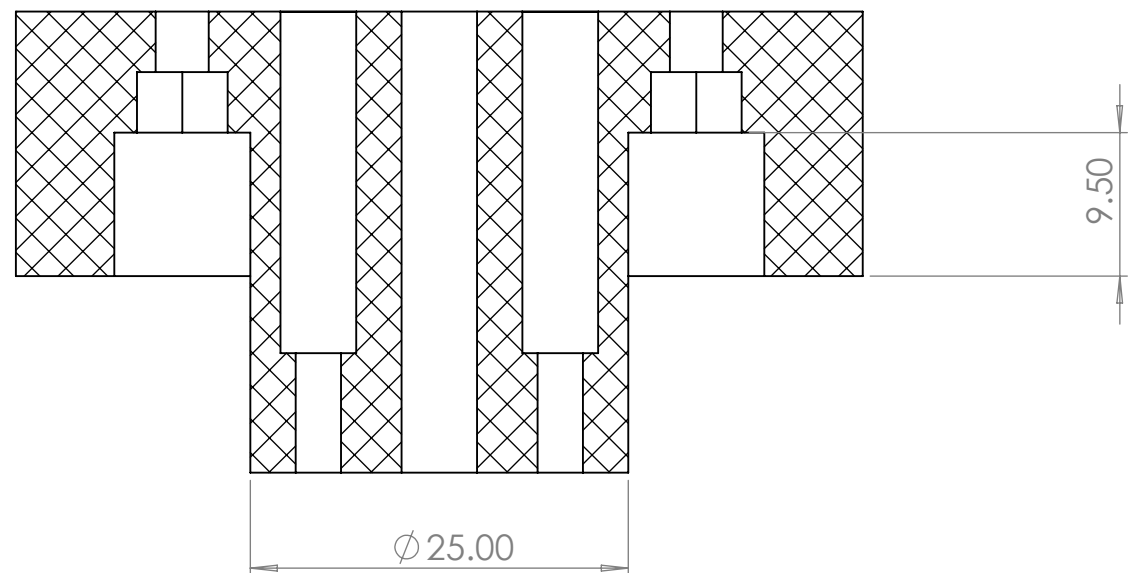
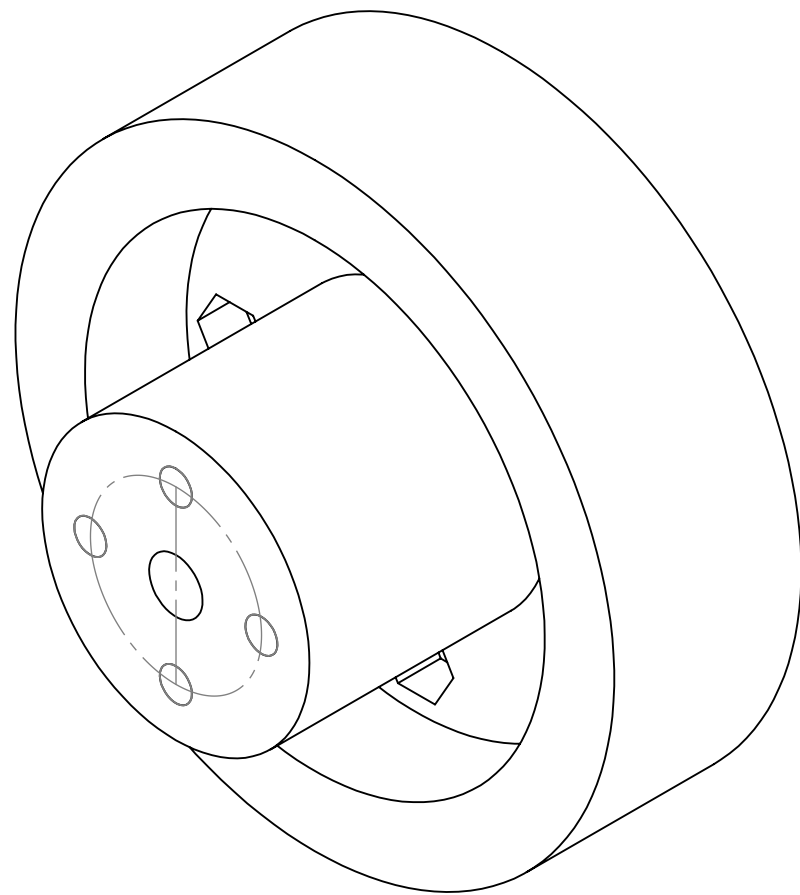
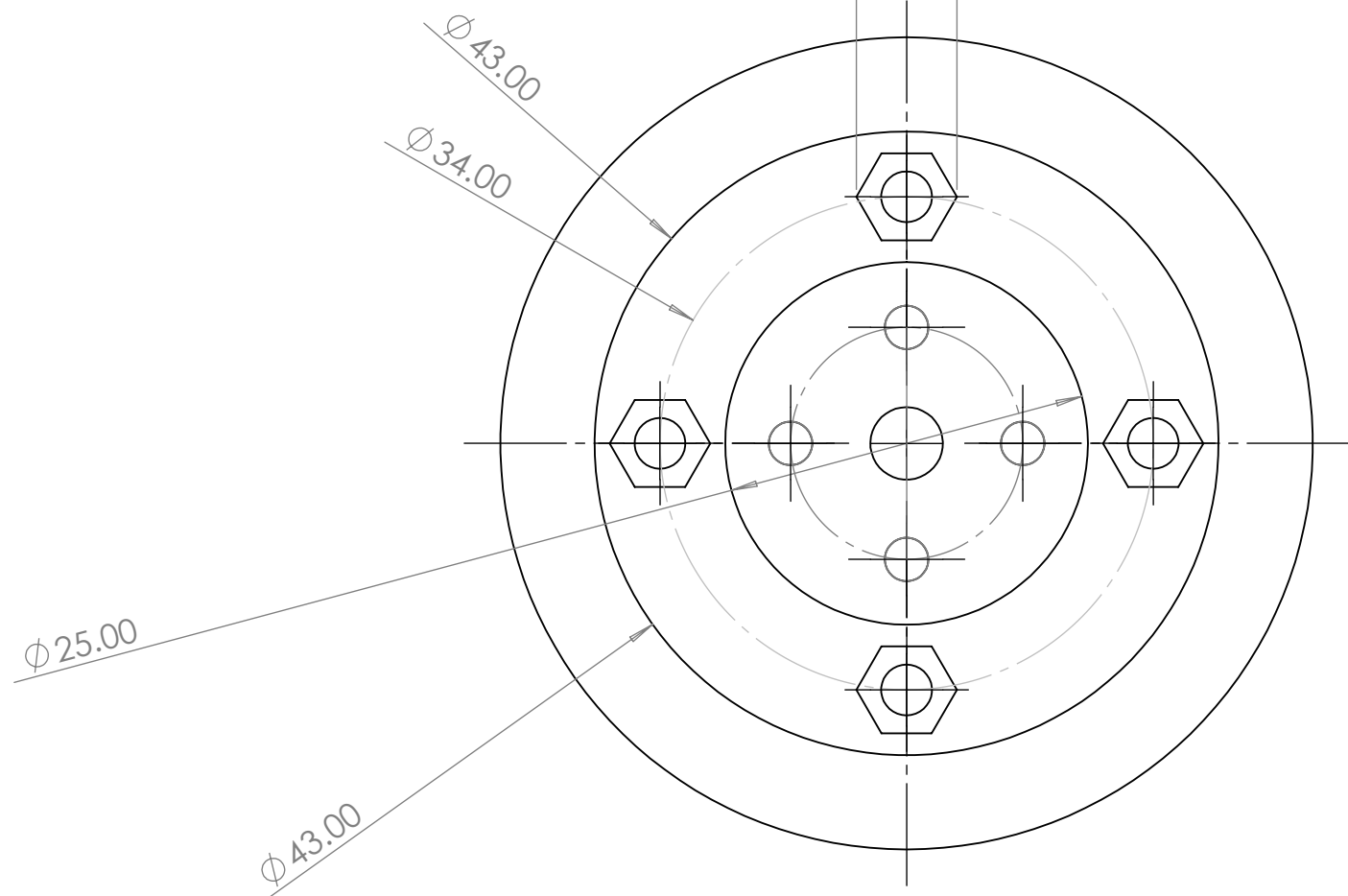
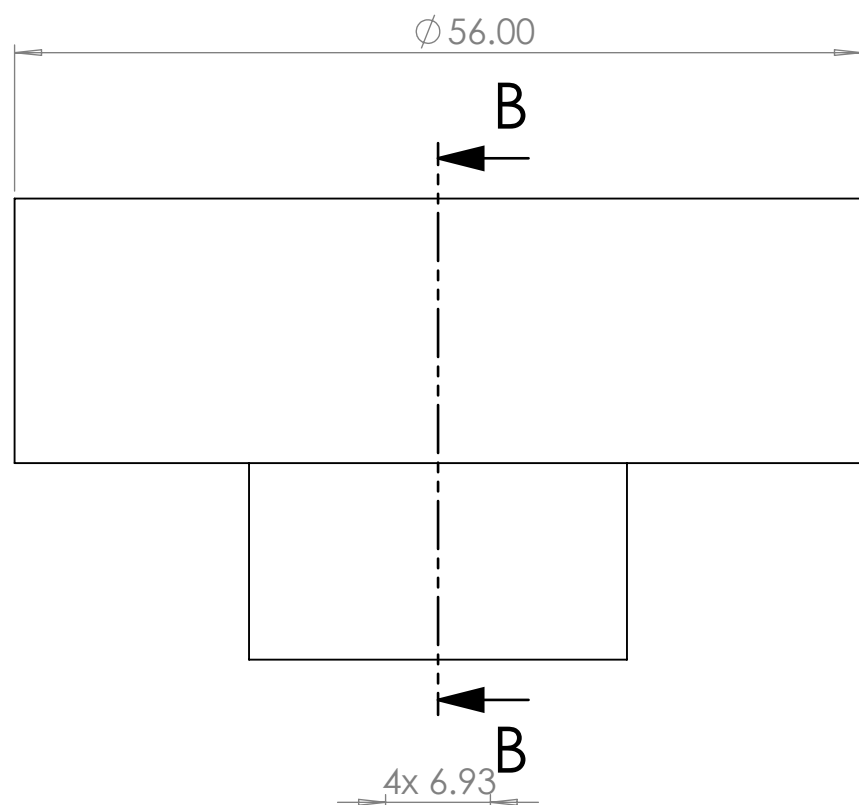
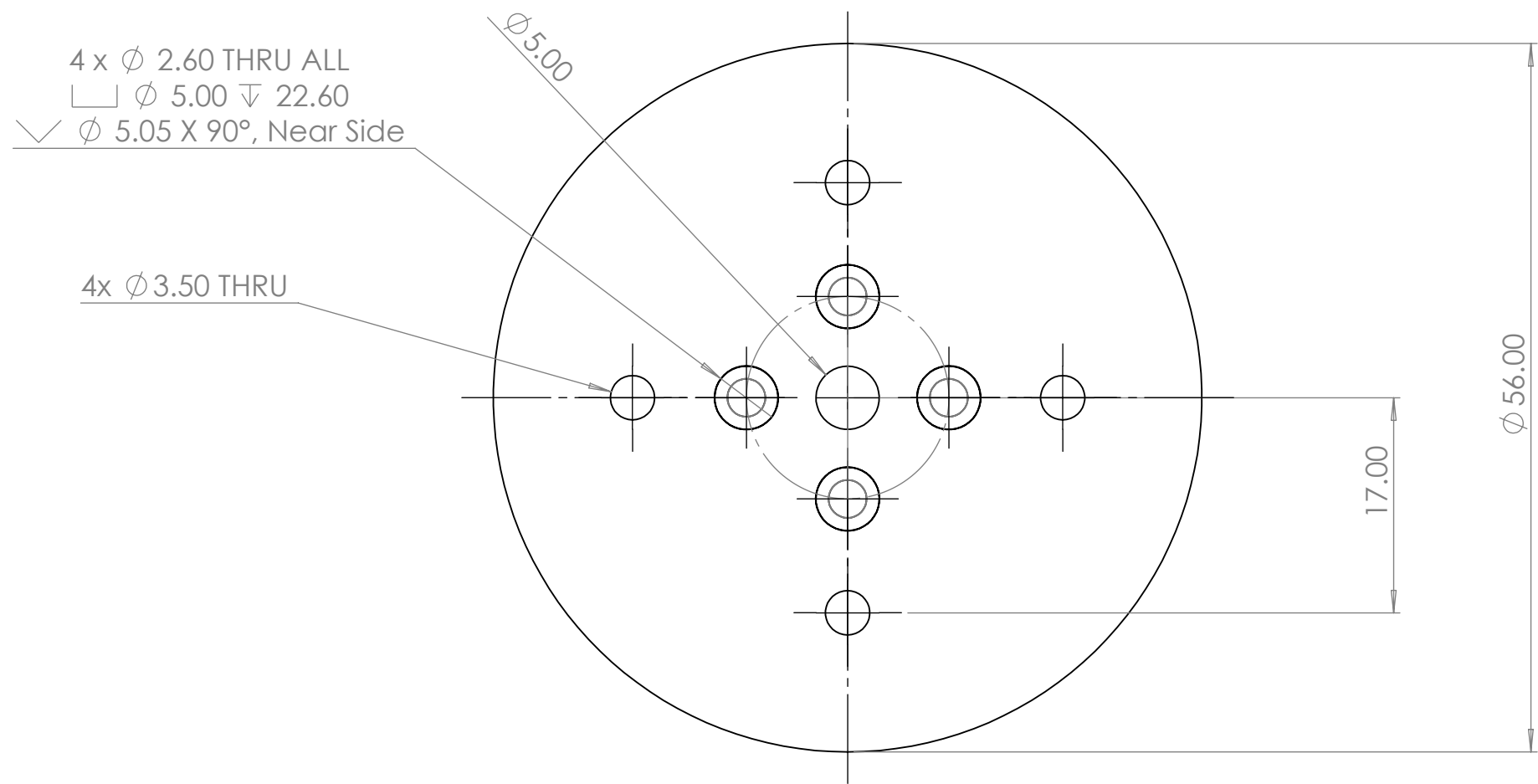


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								Author: William Duncan		
DRAWN	NAME	SIGNATURE	DATE					TITLE: Base Plate		
CHK'D										
APP'VD								DWG NO. Robo Picasso		A2
MFG										
Q.A								SCALE: 1:1		SHEET 2 OF 19
								WEIGHT:		

1. All Fillets have a radius of 10mm unless otherwise specified
2. All linear dimensions have a tolerance of 0.15mm unless otherwise specified
3. Material: ABS Plastic



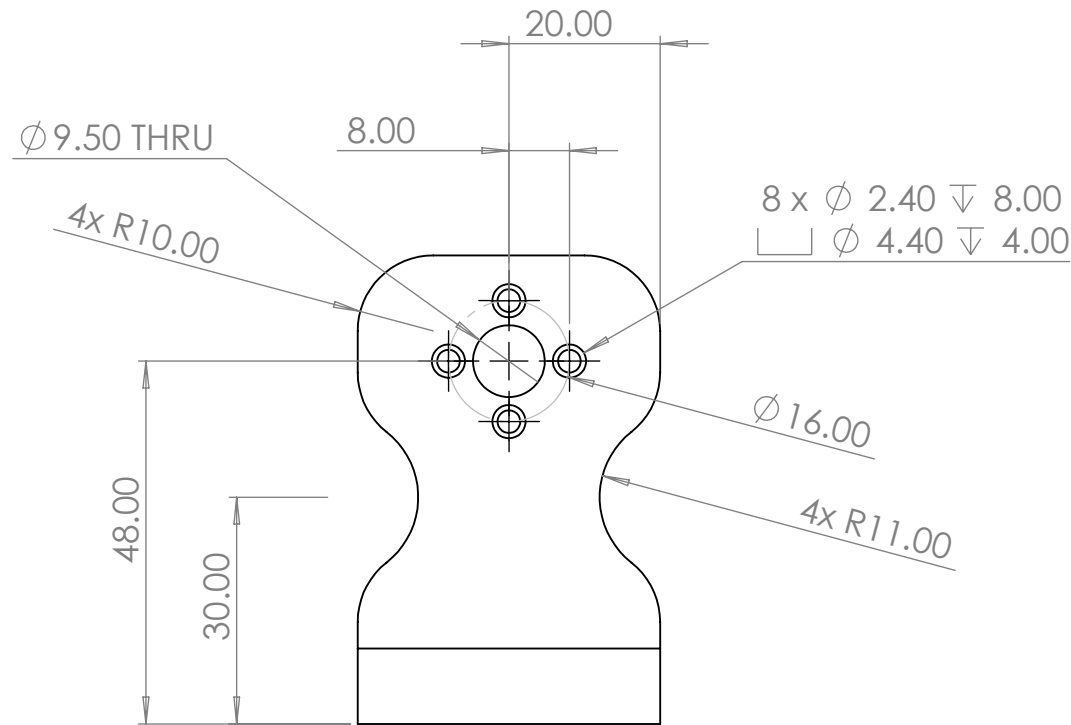
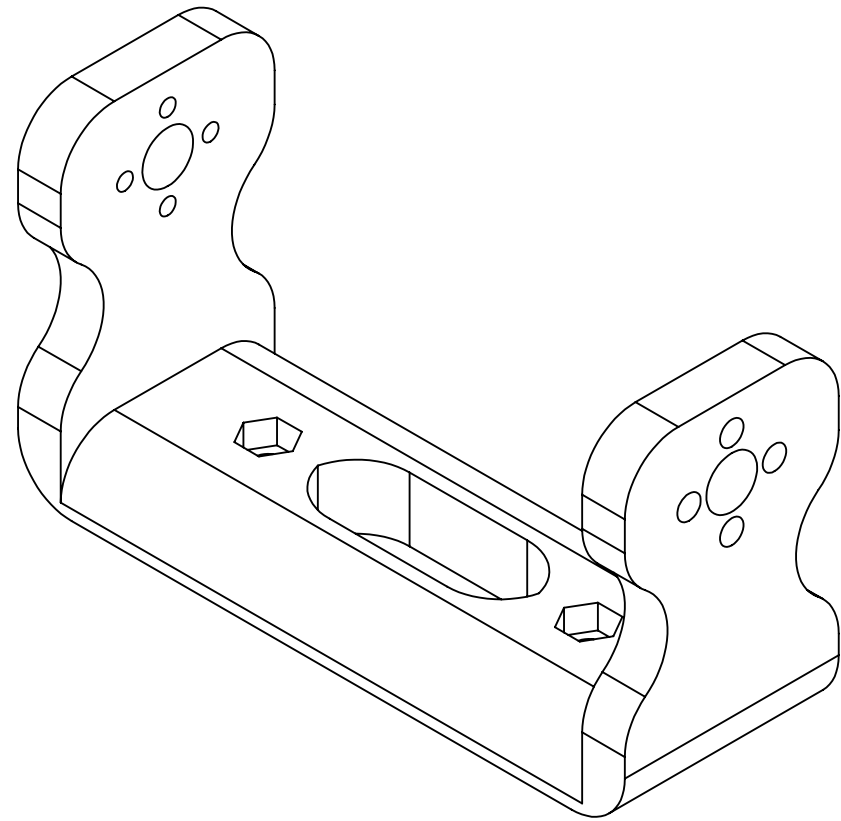
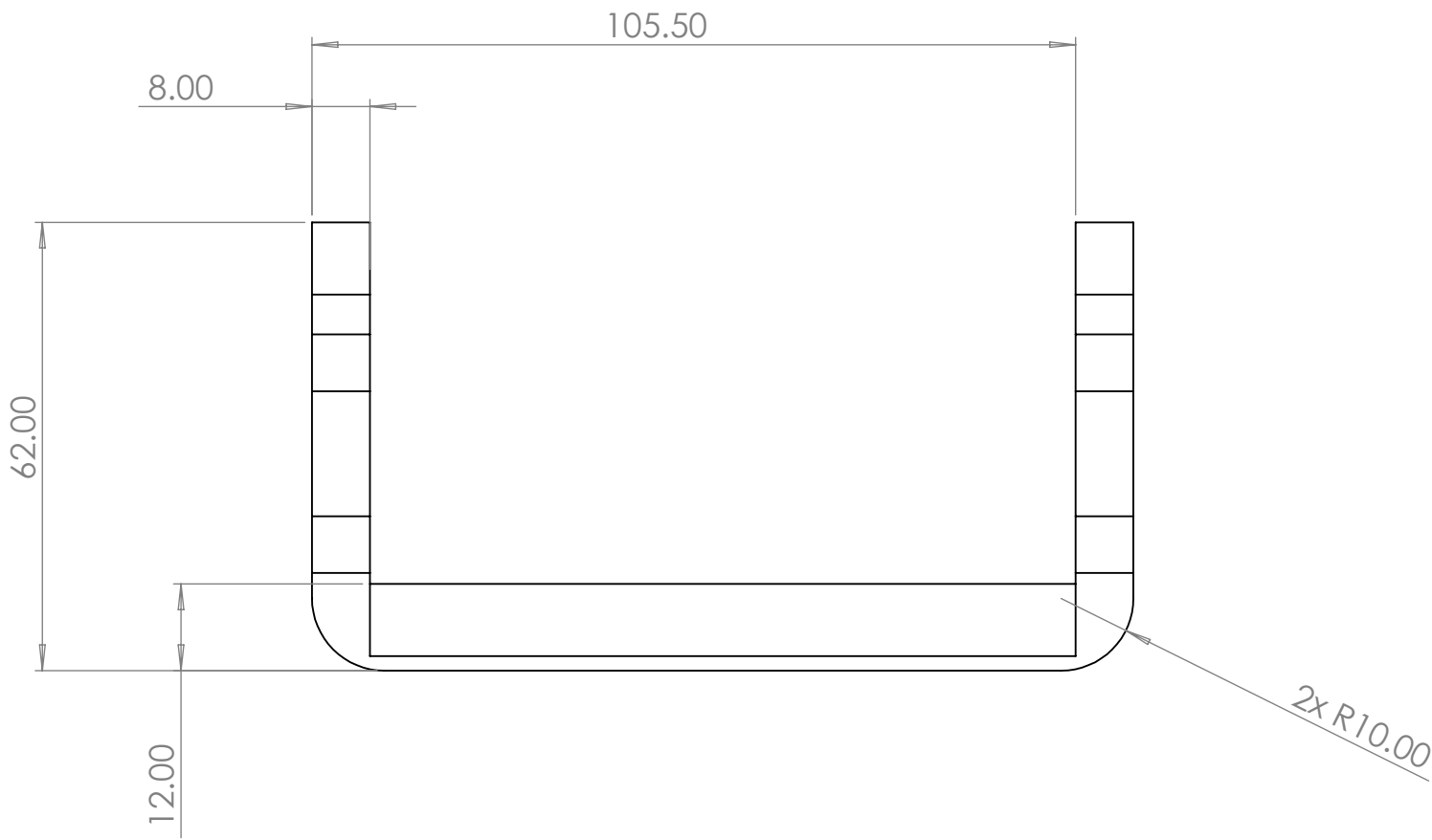
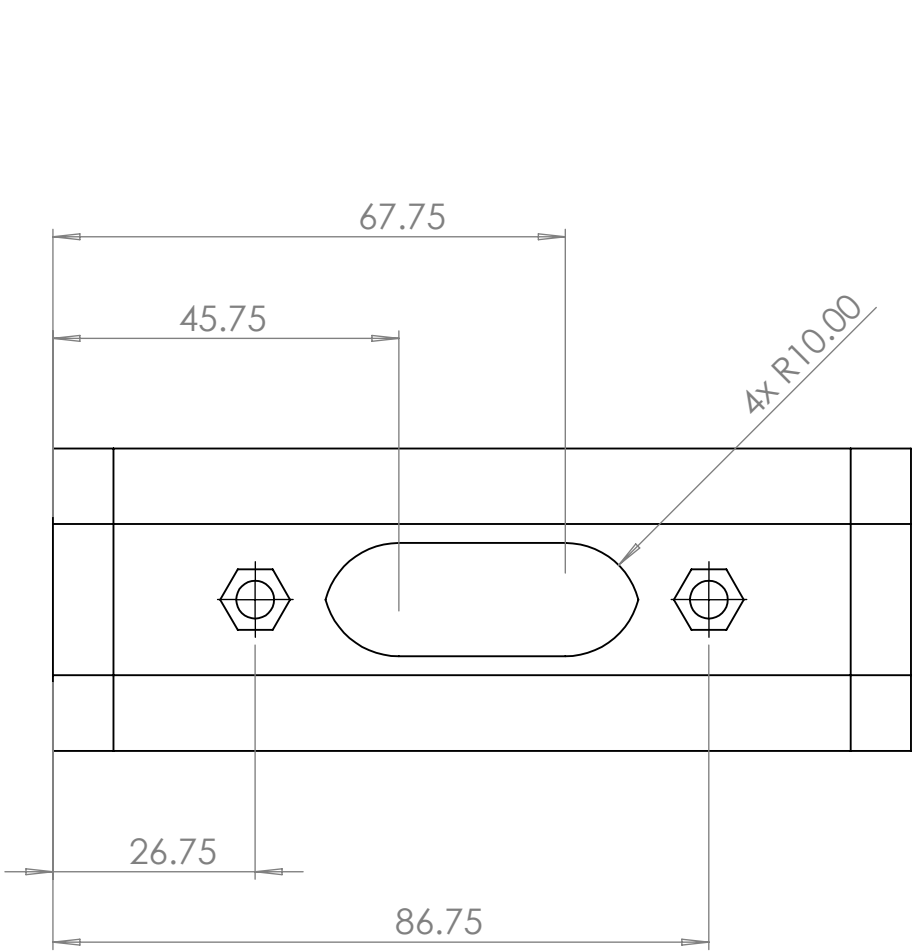
- Notes:
1. All Fillets have a radius of 10mm unless otherwise specified
 2. All linear dimensions have a tolerance of 0.15mm unless otherwise specified
 3. Material: ABS Plastic



SECTION B-B

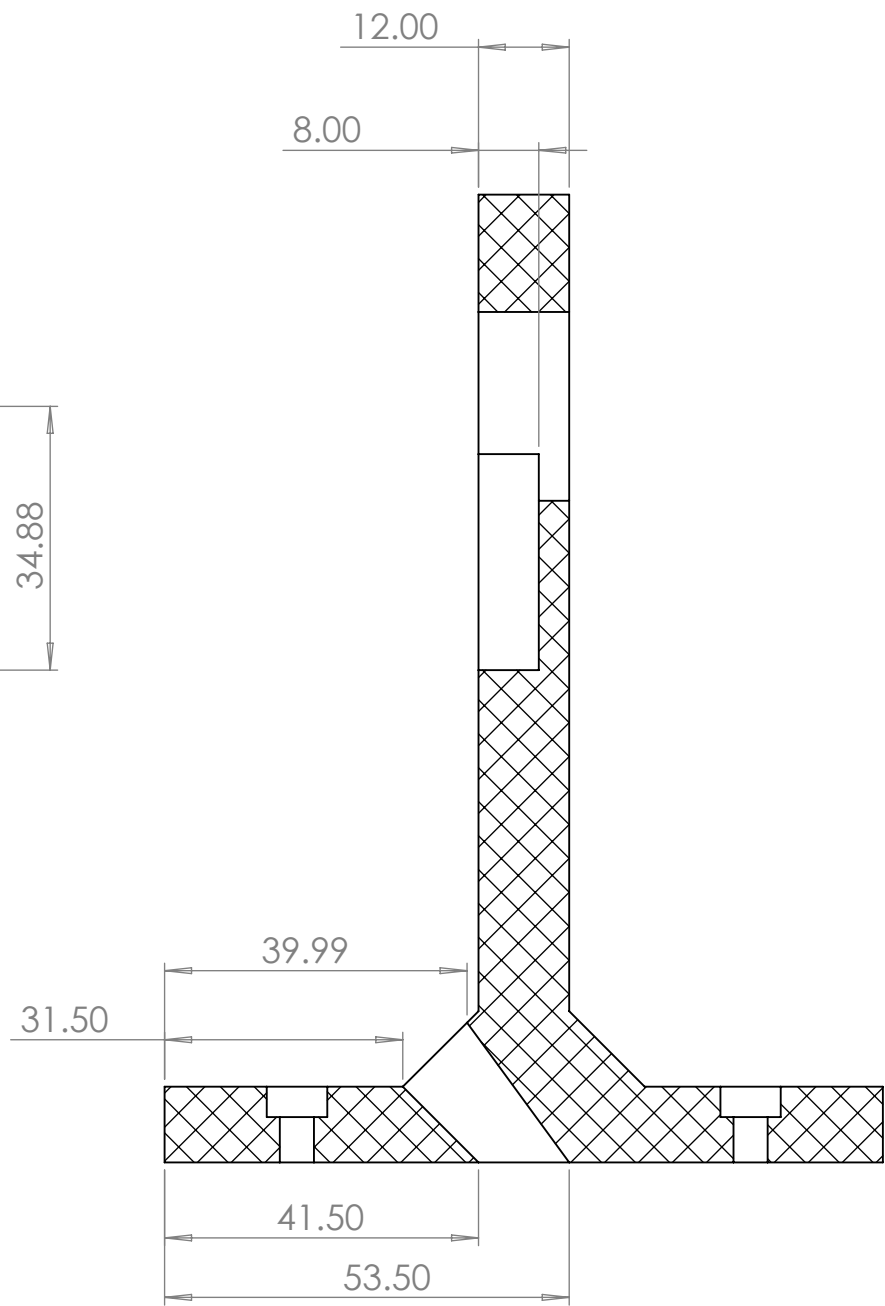
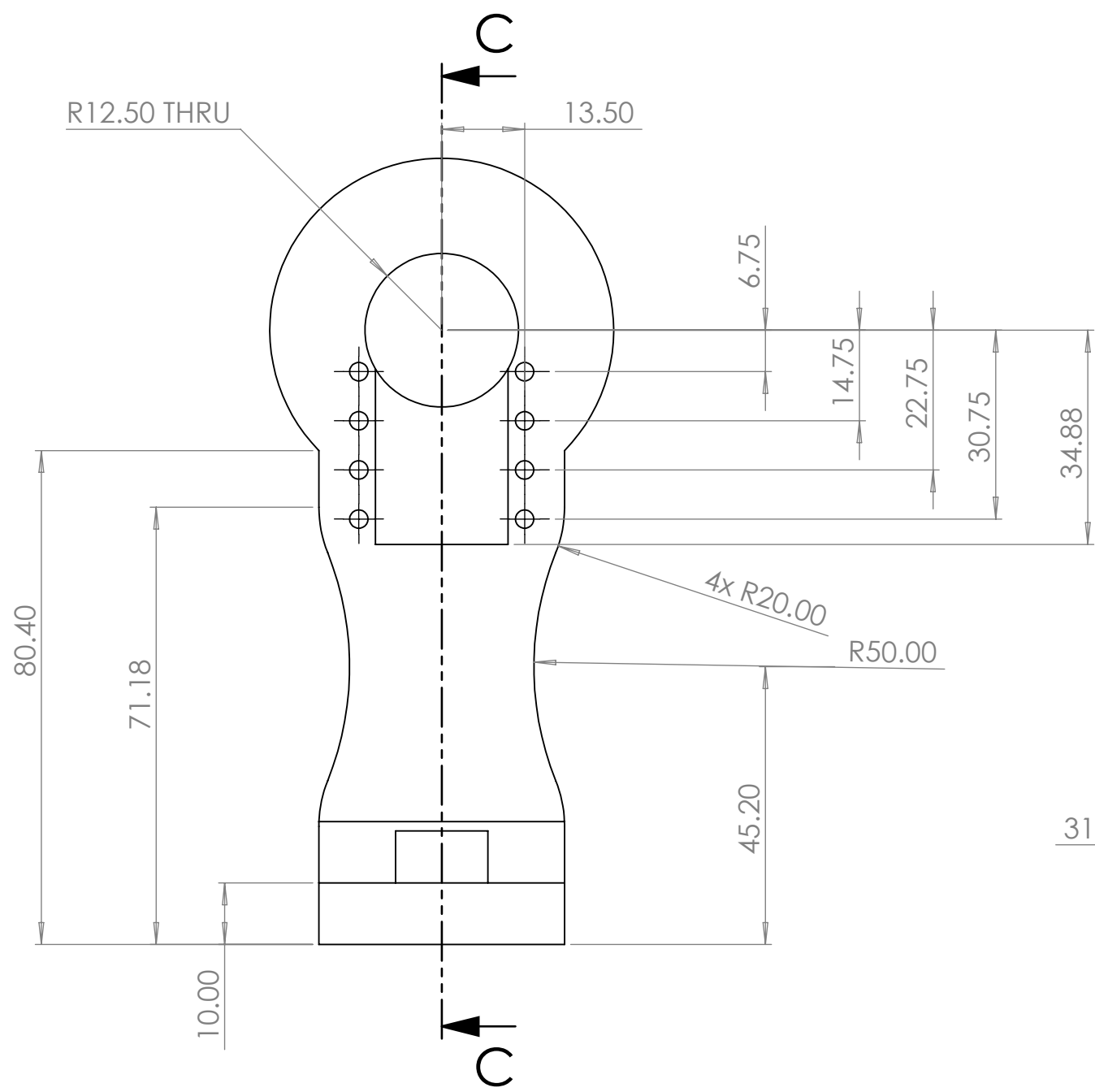
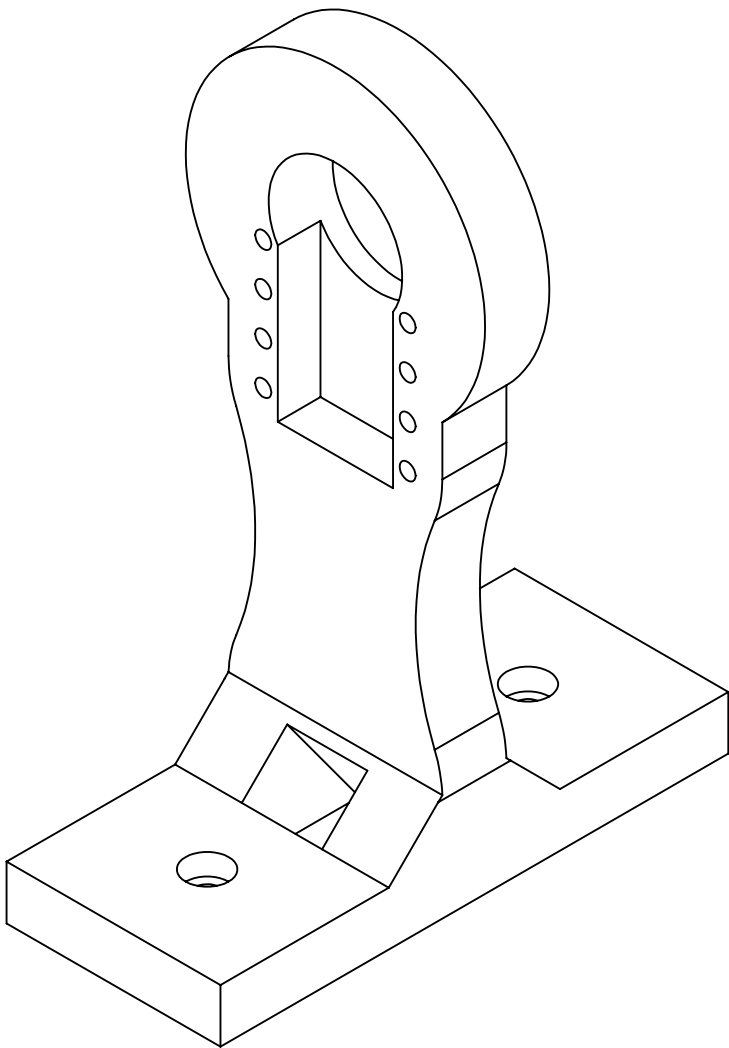
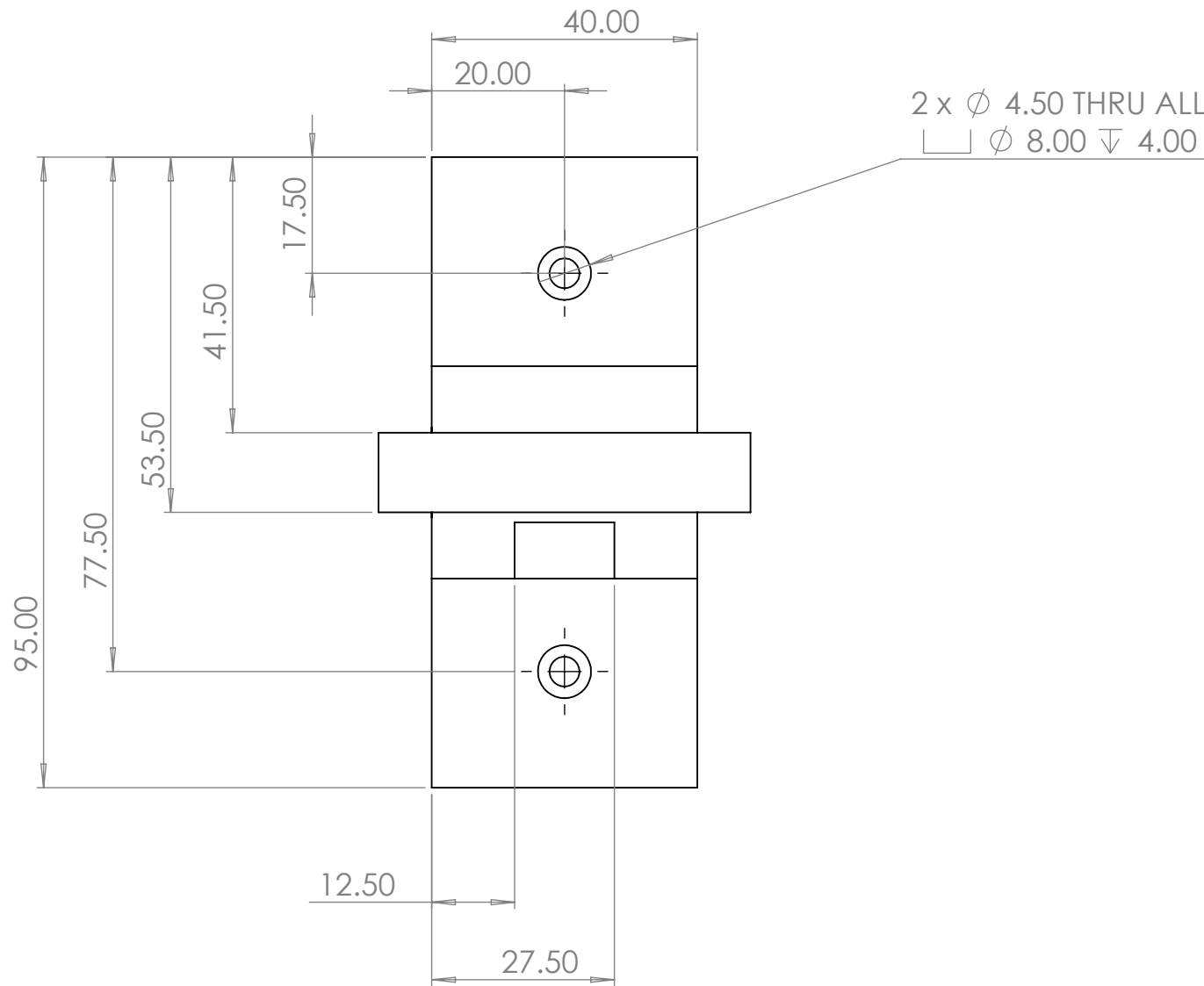
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								Author: William Duncan		
DRAWN	NAME	SIGNATURE	DATE					TITLE: Base Coupling		
CHK'D								DWG NO. Robo Picasso		
APPVD										
MFG								SCALE: 2:1		
Q.A										
								SHEET 5 OF 19		

- Notes:
- All Fillets have a radius of 10mm unless otherwise specified
 - All linear dimensions have a tolerance of 0.15mm unless otherwise specified
 - Material: ABS Plastic

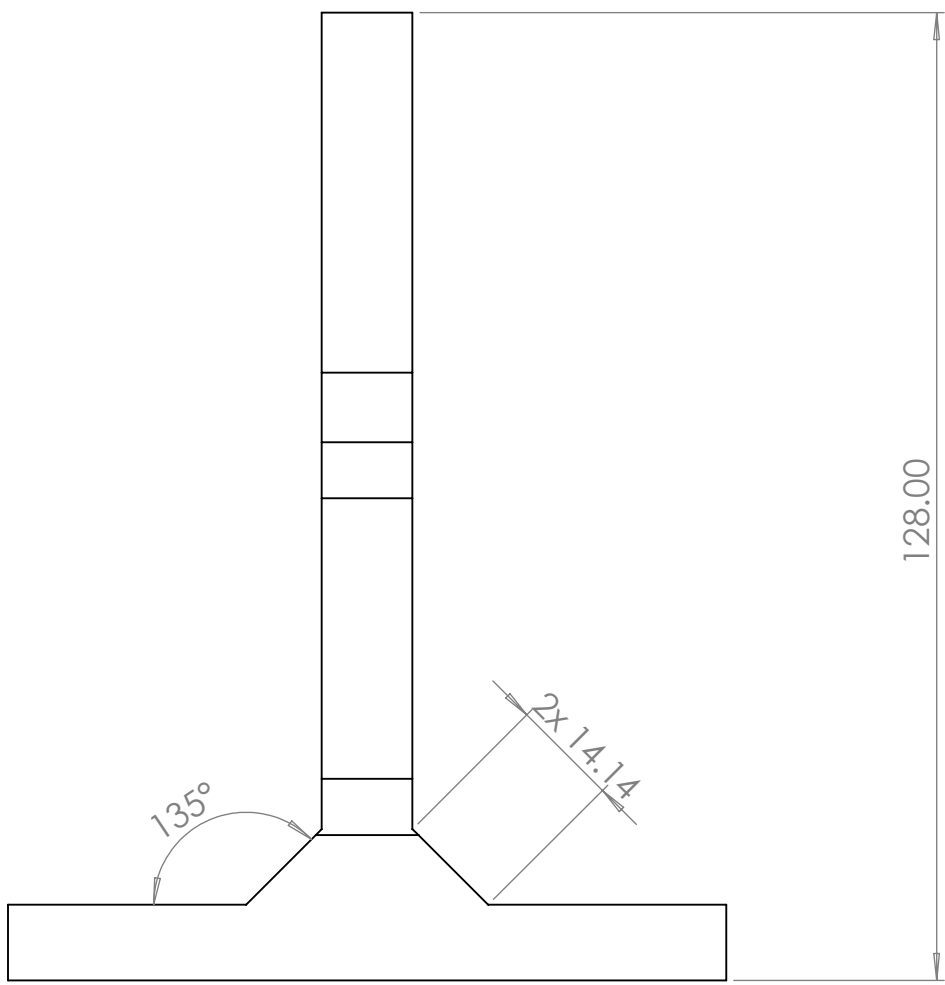


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								Author: William Duncan		
DRAWN	NAME	SIGNATURE	DATE					TITLE: Wish Bone Coupling		
CHK'D										
APP'VD								DWG NO. Robo Picasso		
MFG										
Q.A								SCALE: 1:1		
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- Notes:
- All Fillets have a radius of 10mm unless otherwise specified
 - All linear dimensions have a tolerance of 0.15mm unless otherwise specified
 - Material: ABS

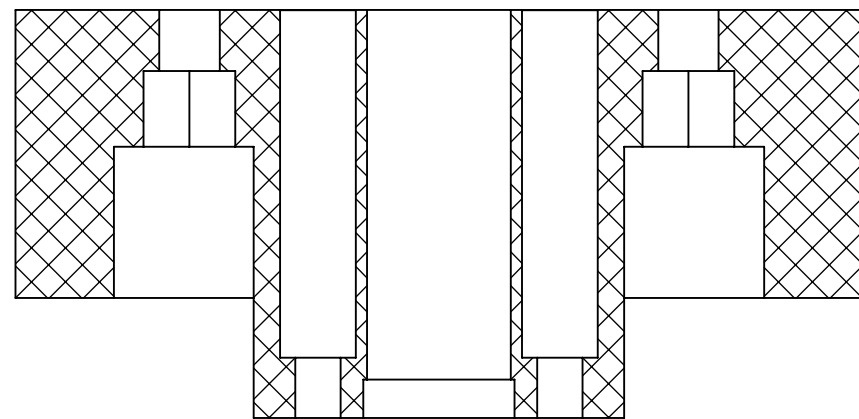
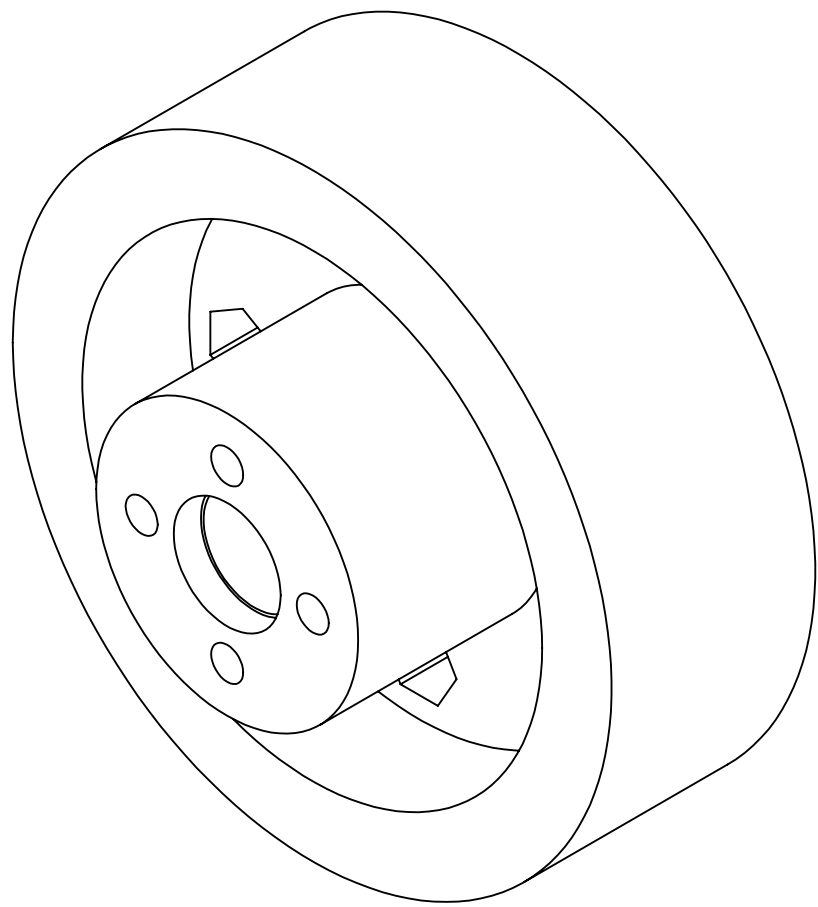
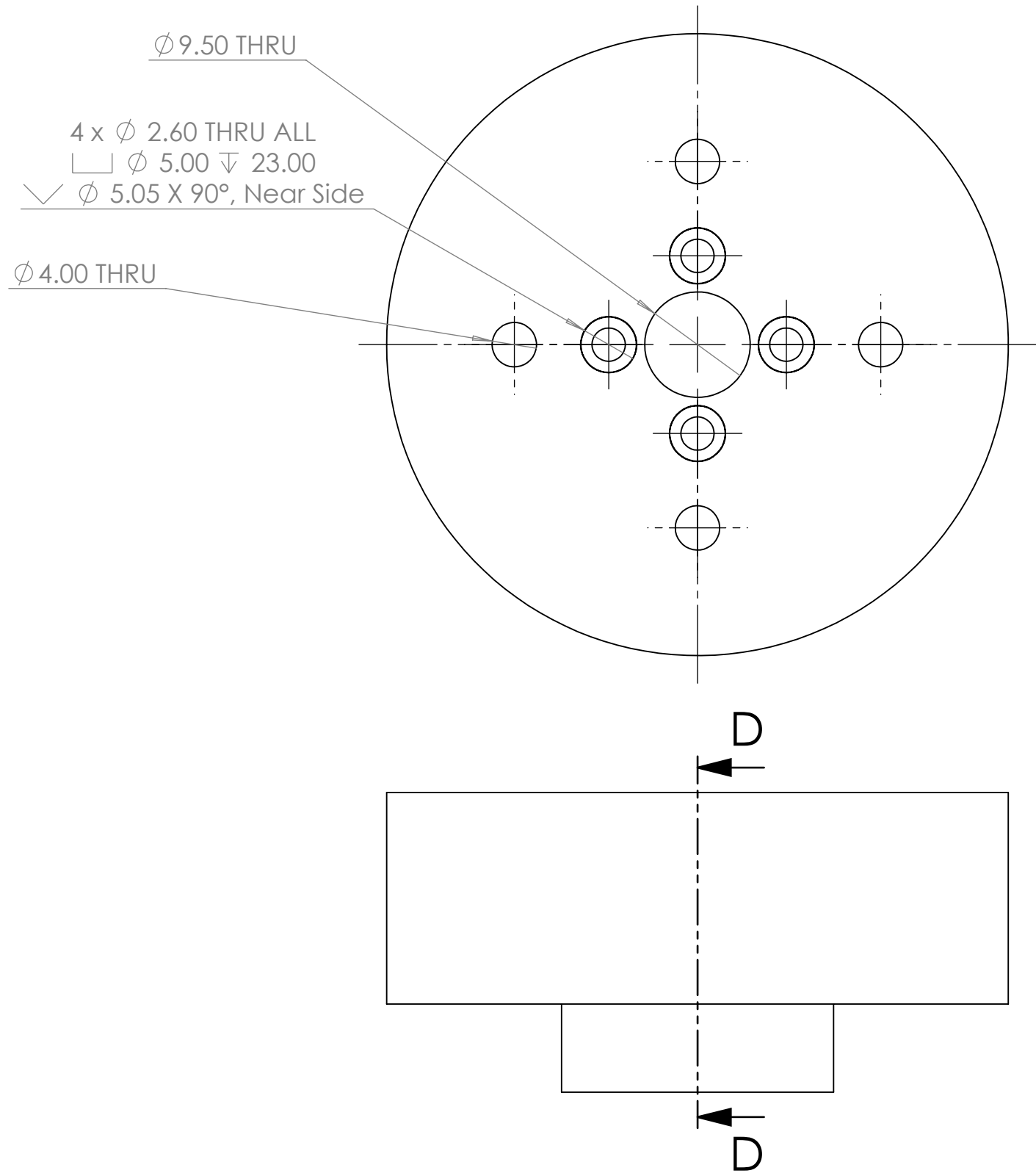


SECTION C-C

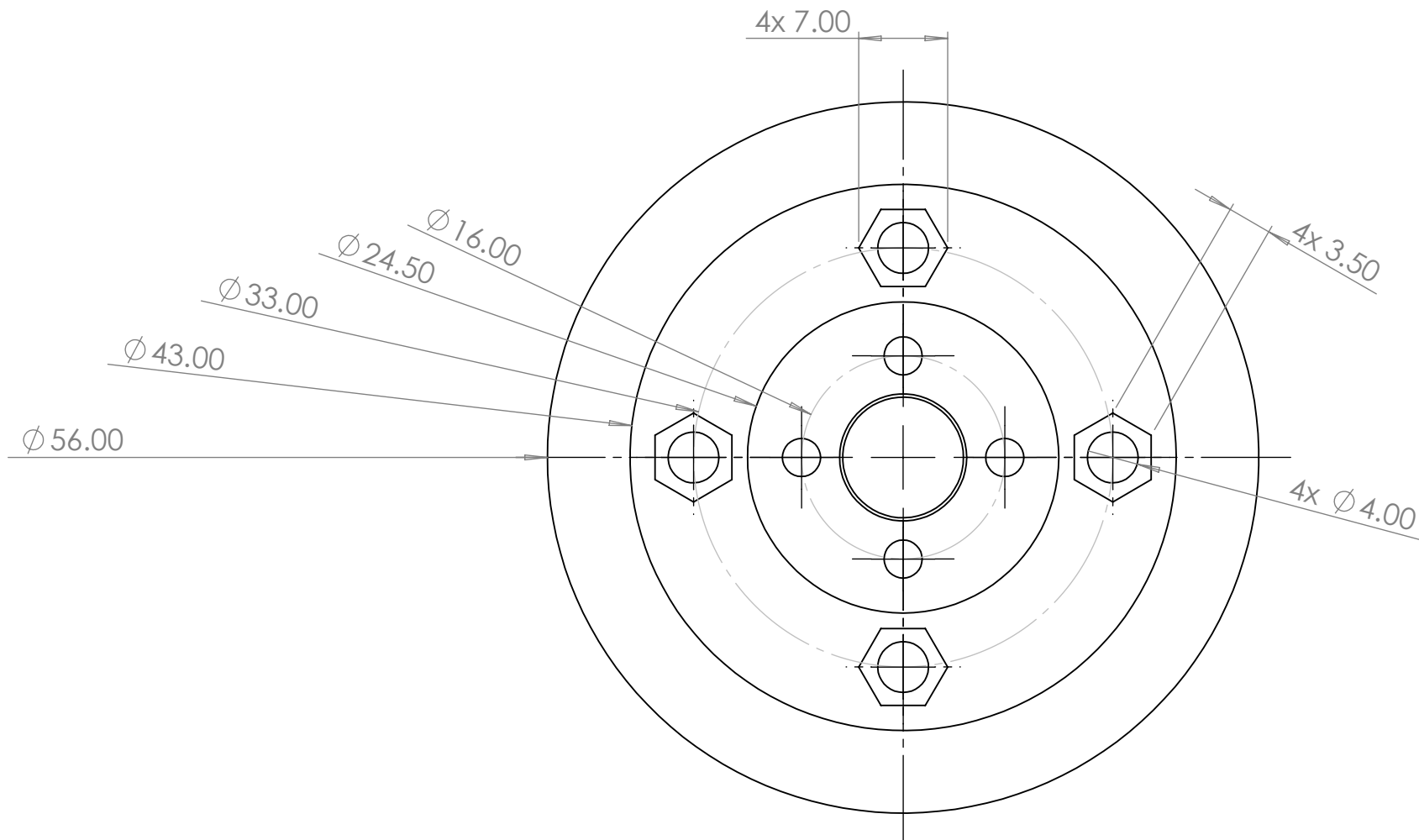


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								Author: William Duncan			
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DRAWN											
CHK'D											
APP'VD											
MFG											
Q.A					MATERIAL:		DWG NO.		Robo Picasso		
									A2		
					WEIGHT:		SCALE: 1:1		SHEET 7 OF 19		

- Notes:
1. All Fillets have a radius of 10mm unless otherwise specified
 2. All linear dimensions have a tolerance of 0.15mm unless otherwise specified
 3. Material: ABS Plastic

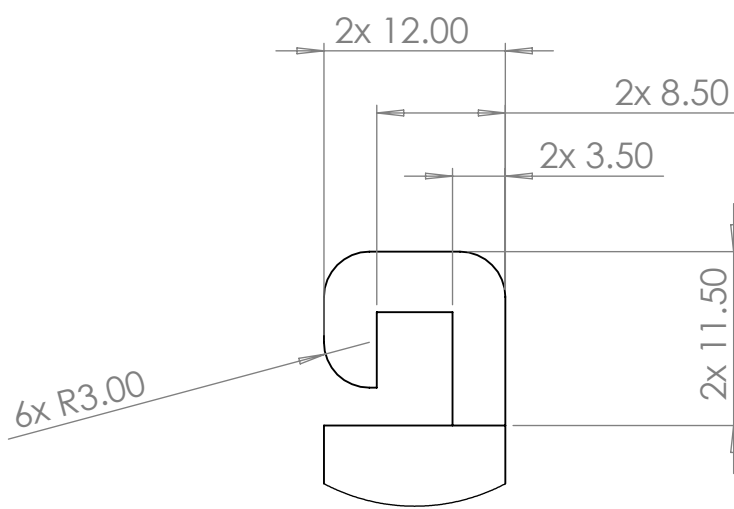
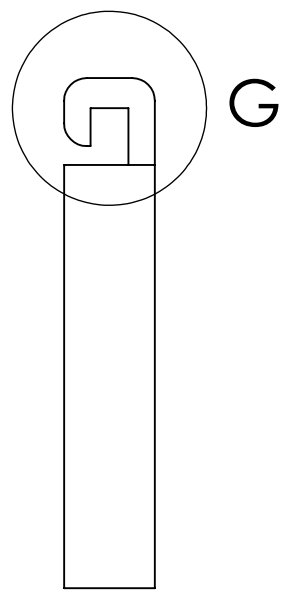
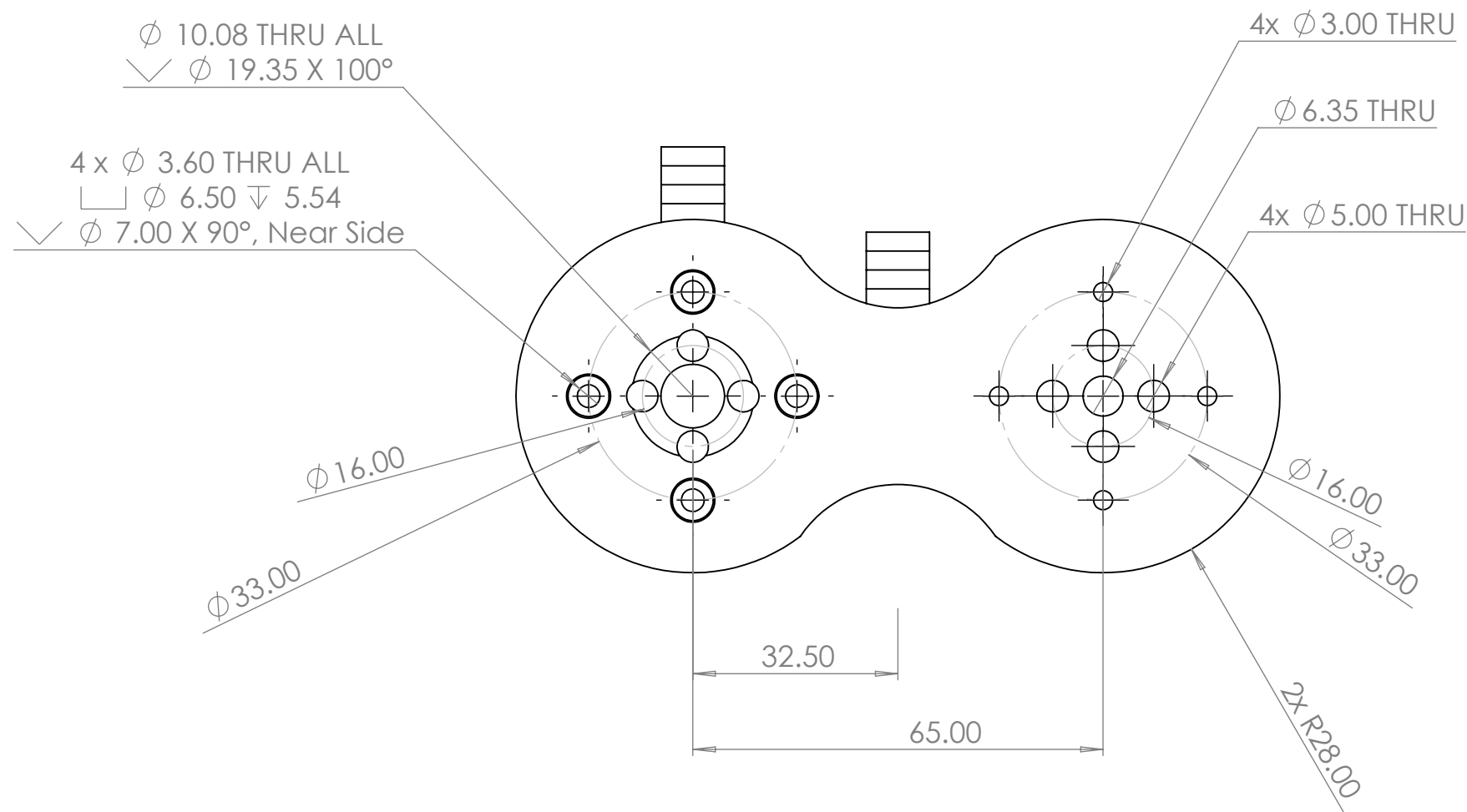
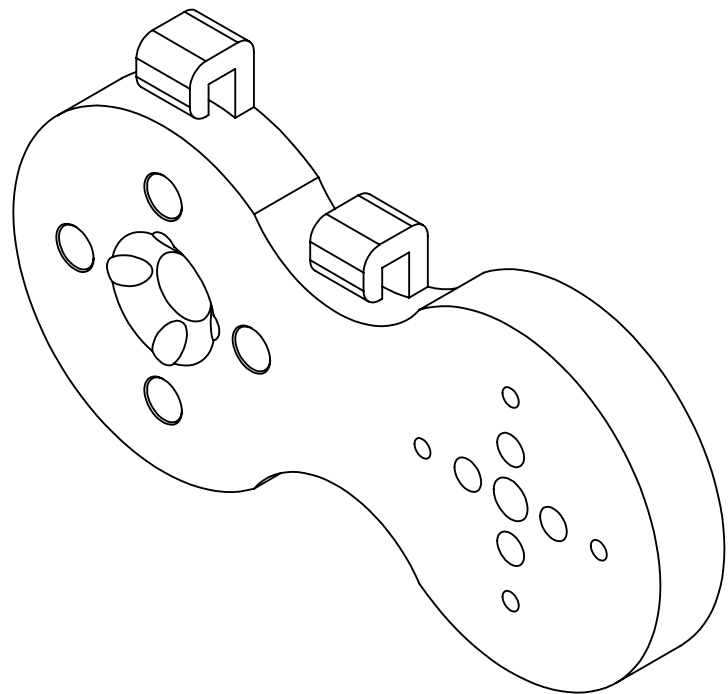
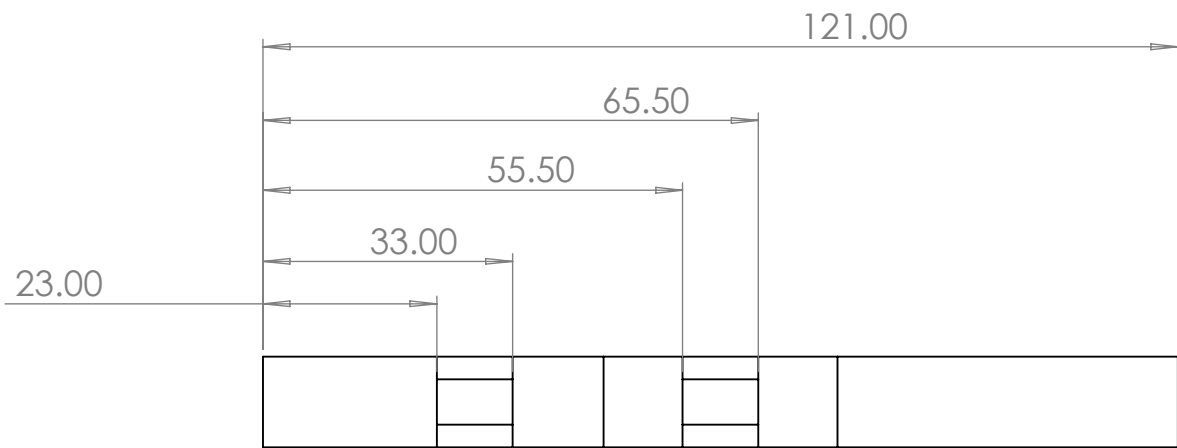


SECTION D-D



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														Author: William Duncan					
DRAWN		NAME		SIGNATURE		DATE						TITLE: Servo Coupling							
CHK'D																			
APP'VD																			
MFG																			
Q.A												DWG NO.		A2					
												Robo Picasso							

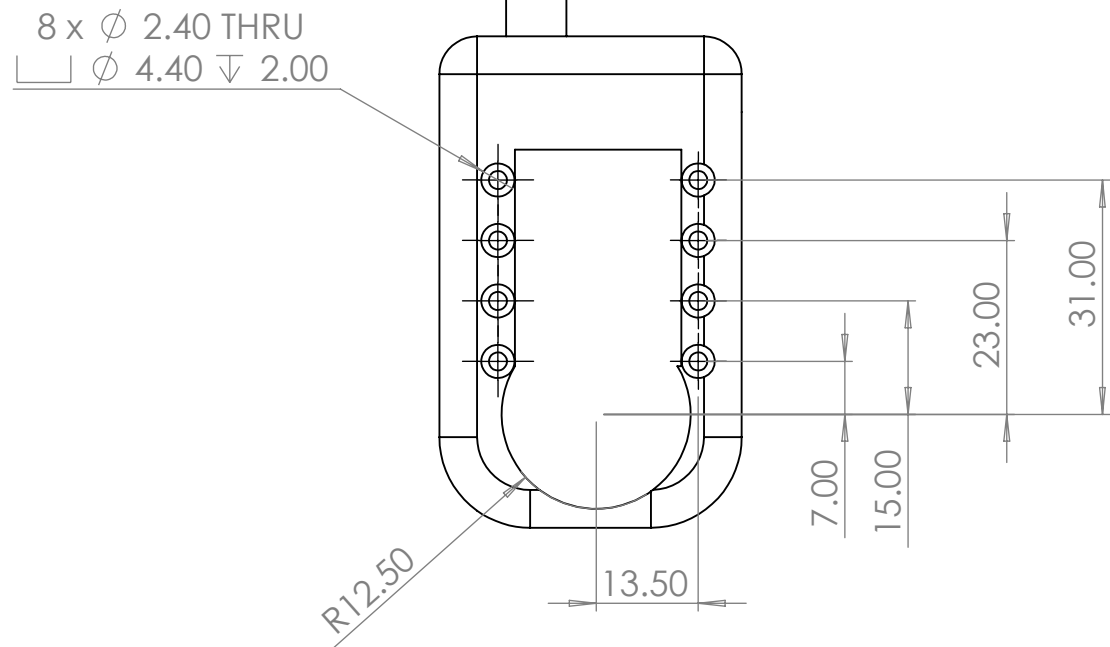
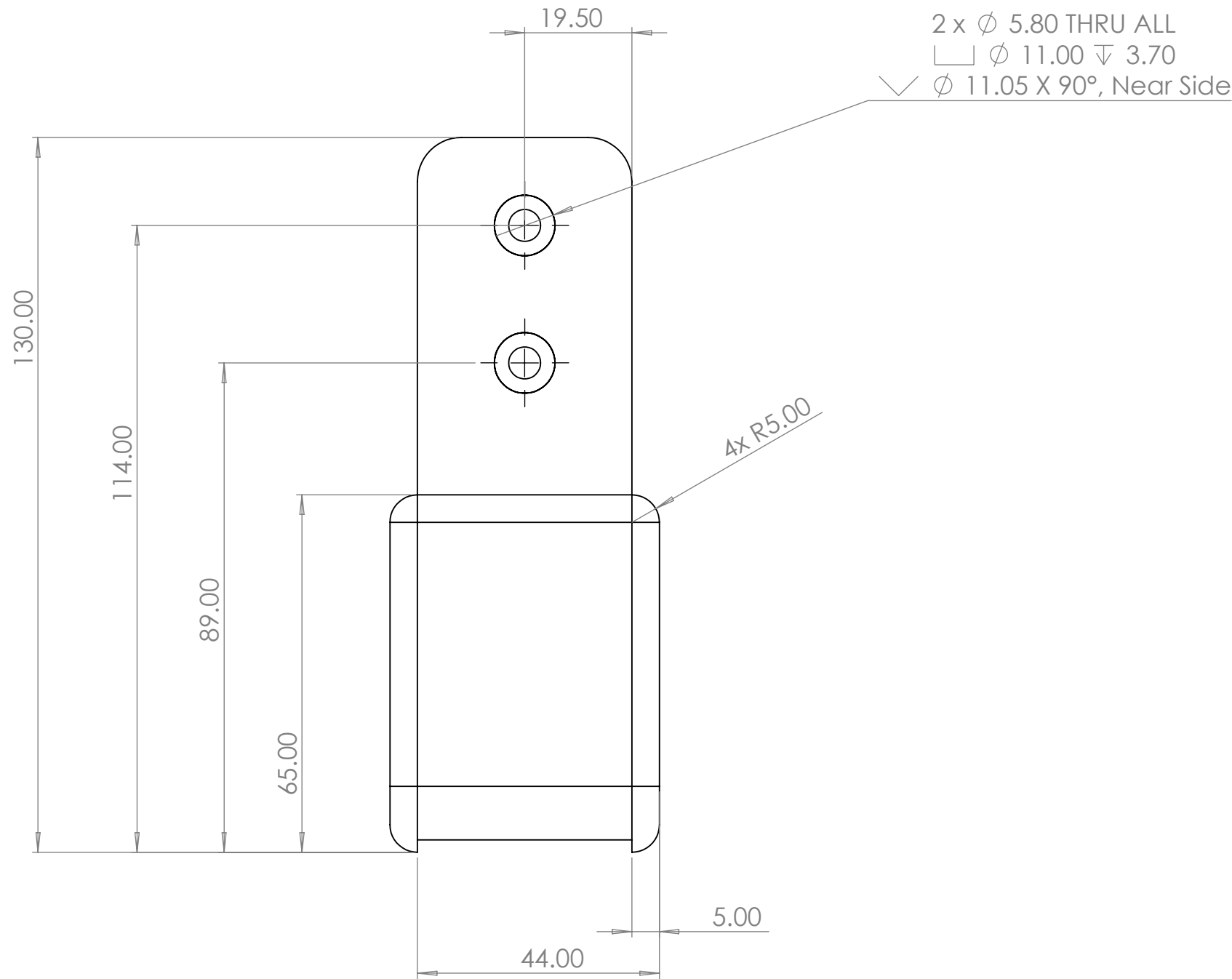
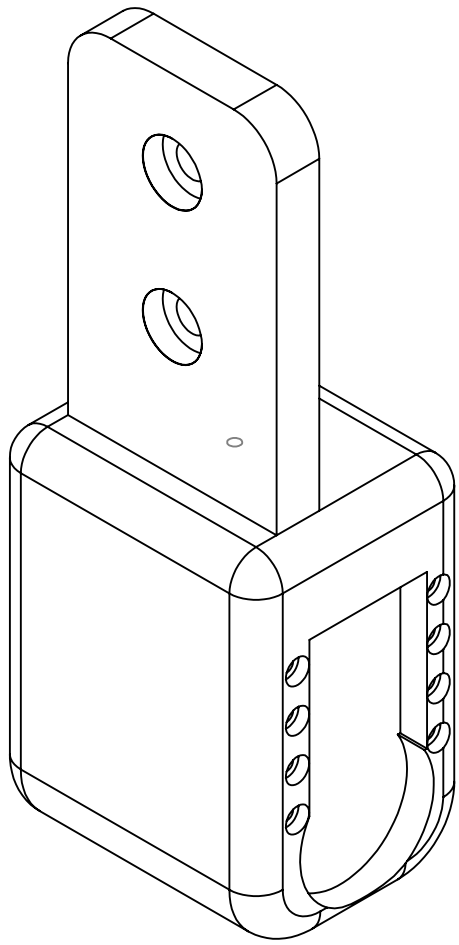
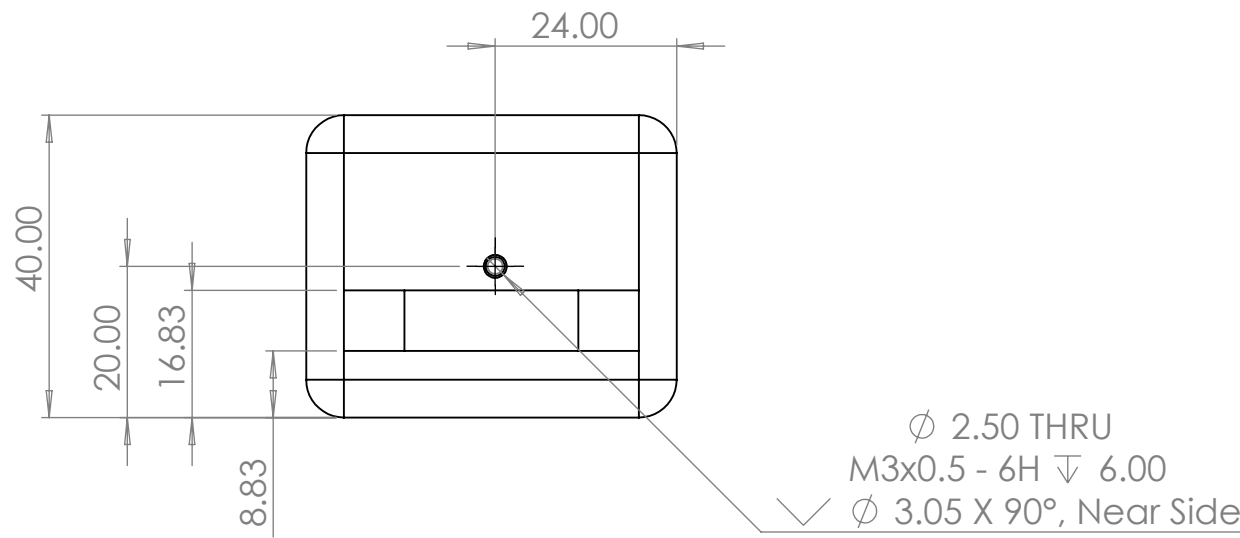
- Notes:
- All Fillets have a radius of 10mm unless otherwise specified
 - All linear dimensions have a tolerance of 0.15mm unless otherwise specified
 - Material: ABS Plastic



DETAIL G
SCALE 2 : 1

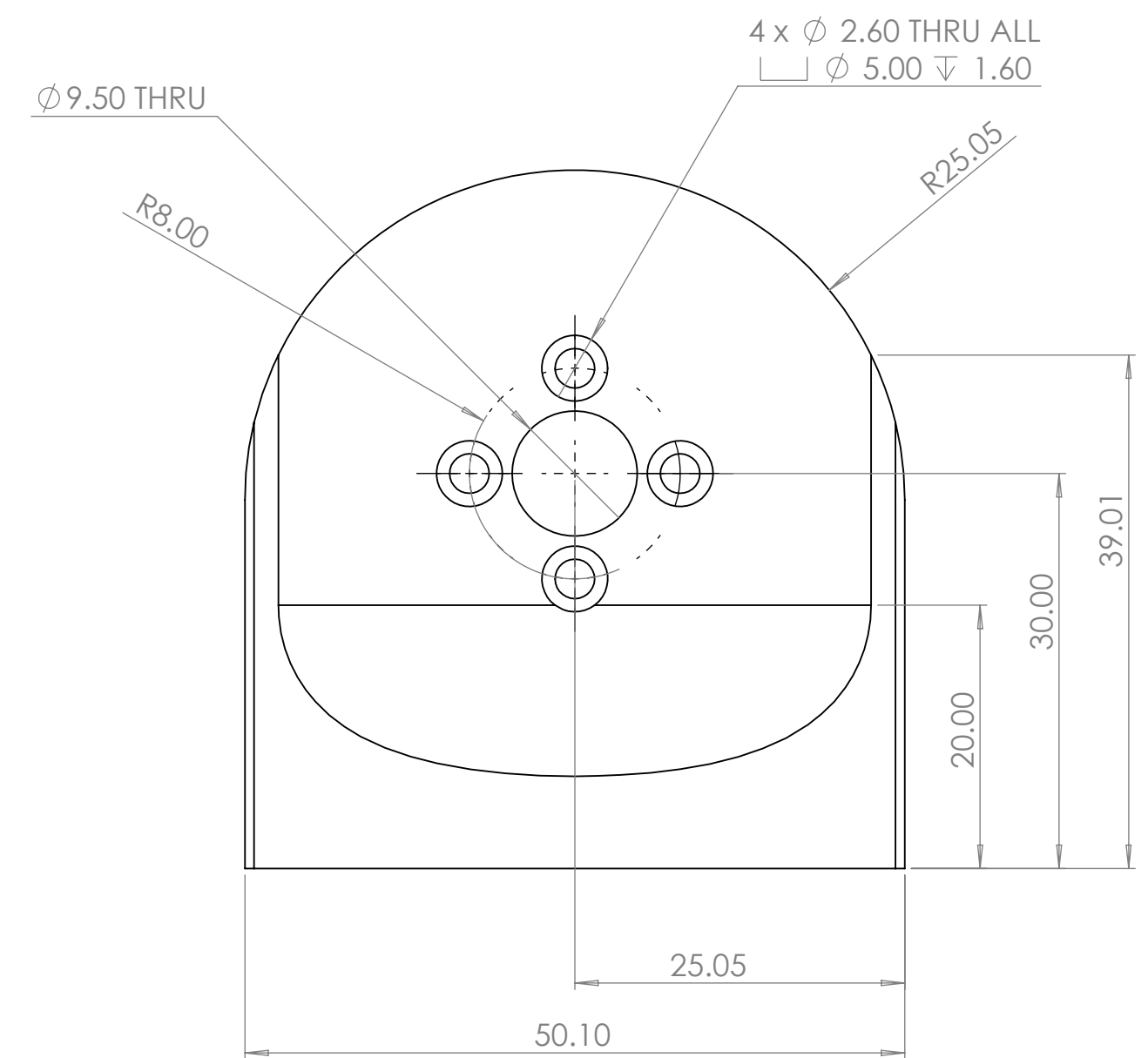
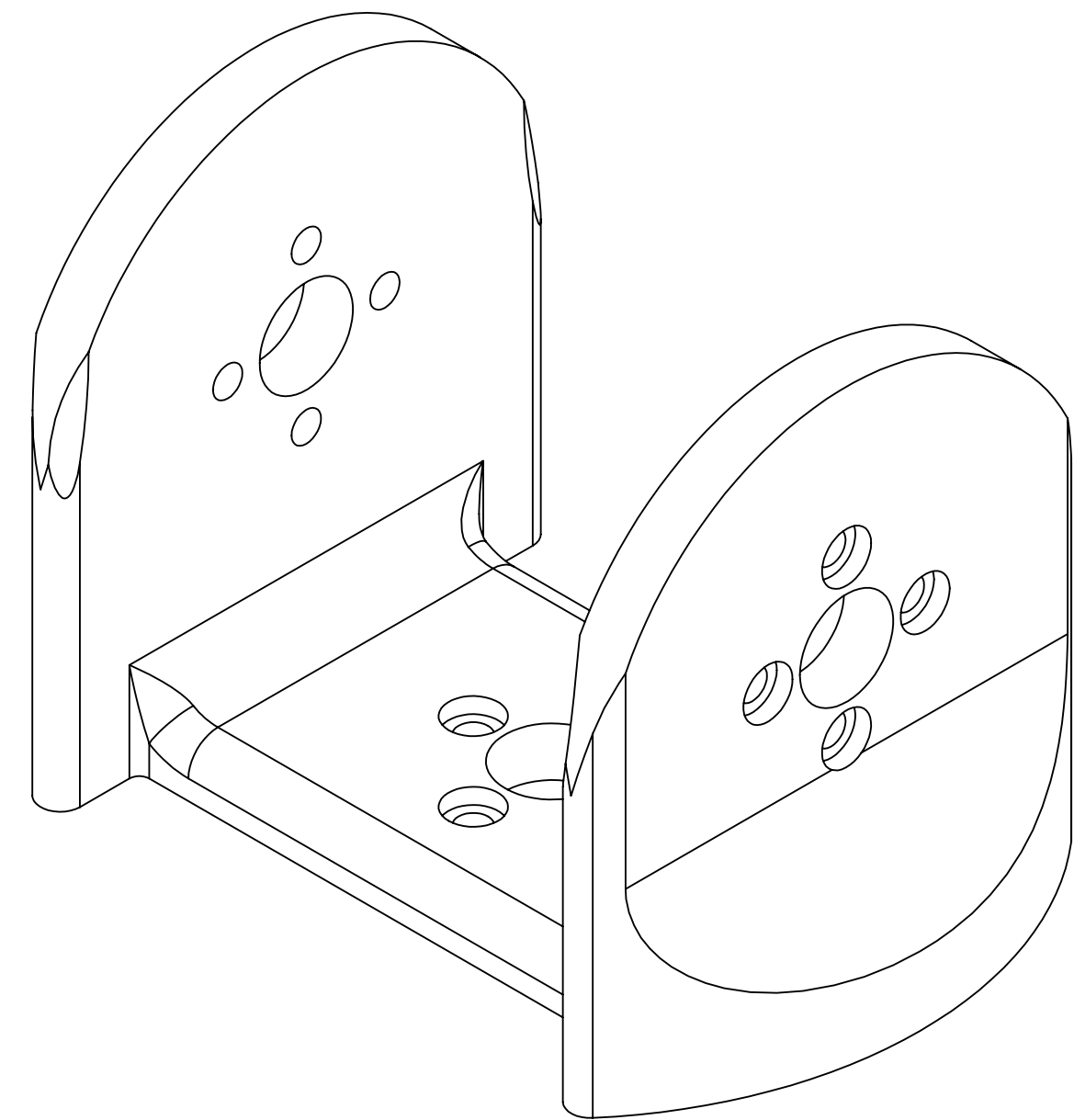
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CHK'D										
APP'VD								DWG NO. Robo Picasso		A2
MFG										
Q.A							MATERIAL:			
							WEIGHT:	SCALE:1:1		SHEET 9 OF 19

- Notes:
1. All Fillets have a radius of 10mm unless otherwise specified
 2. All linear dimensions have a tolerance of 0.15mm unless otherwise specified
 3. Material: ABS Plastic



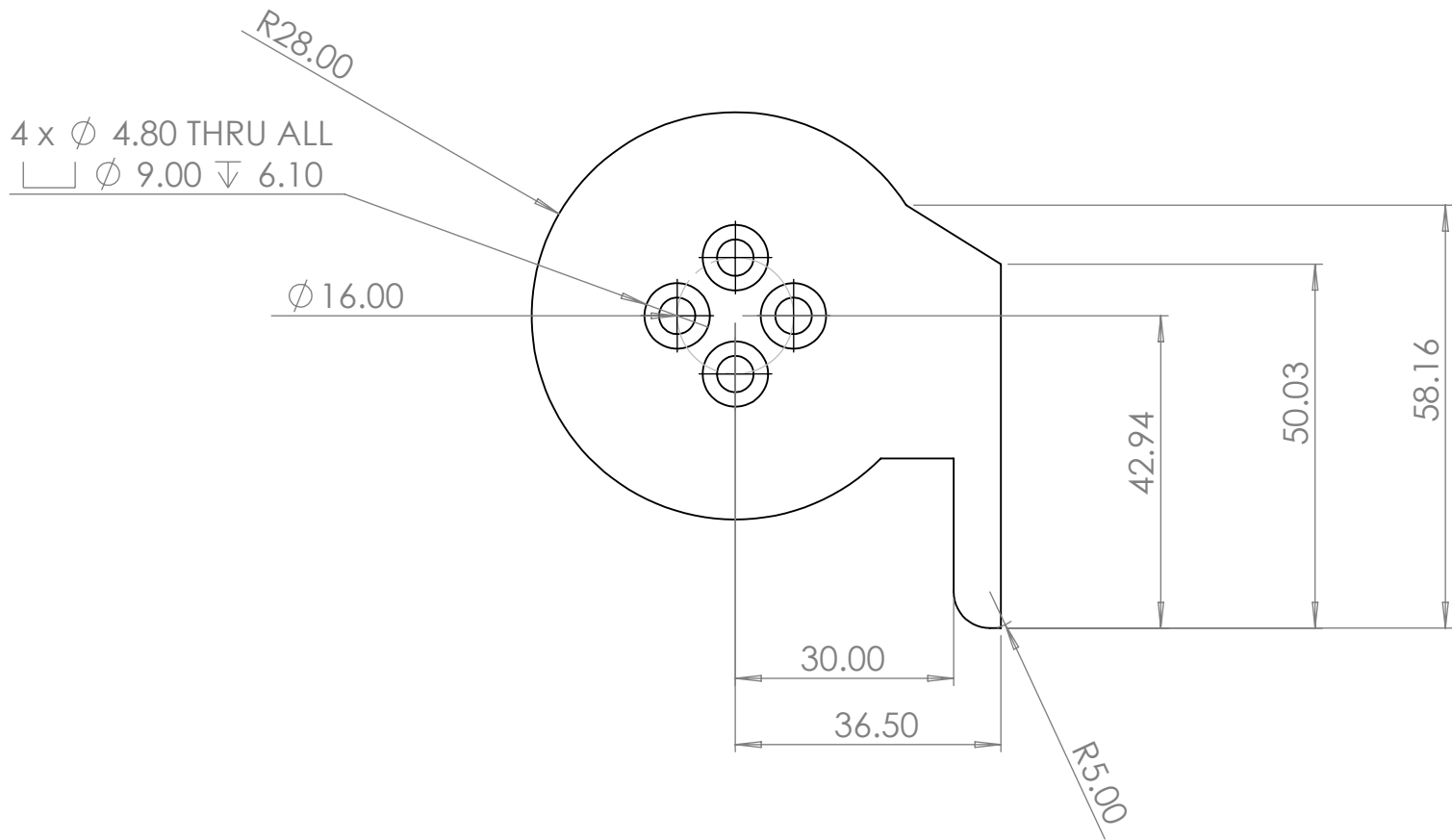
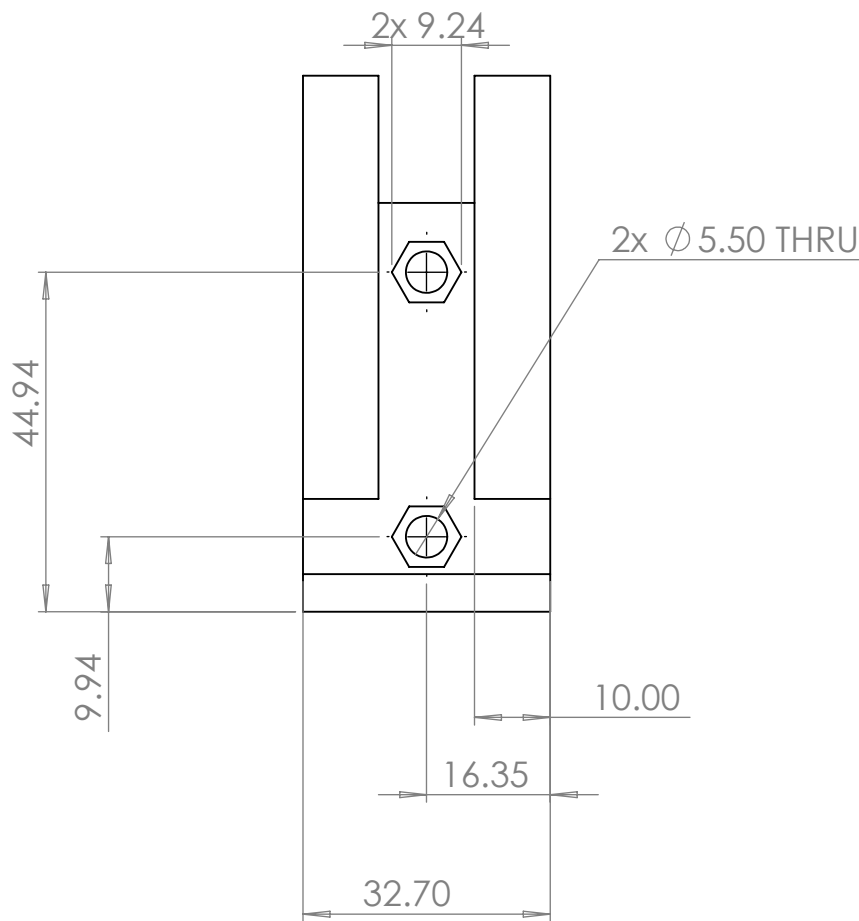
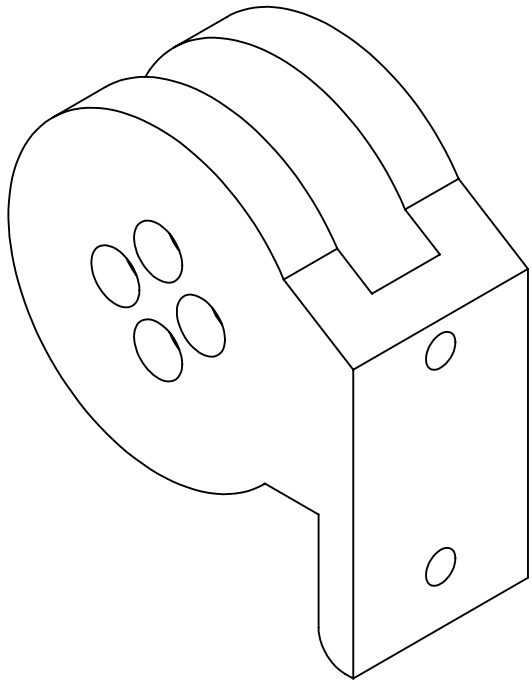
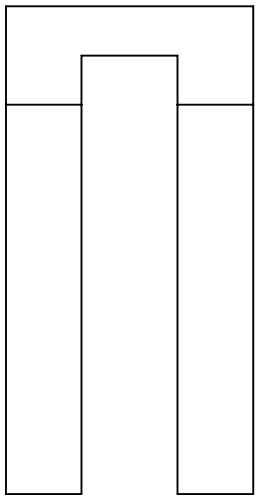
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DRAWN	NAME	SIGNATURE	DATE					TITLE: Second Servo Bracket		
CHK'D										
APP'VD								DWG NO. Robo Picasso		
MFG										
Q.A								SCALE: 1:1		
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1. All Fillets have a radius of 10mm unless otherwise specified
2. All linear dimensions have a tolerance of 0.15mm unless otherwise specified
3. Material: ABS Plastic



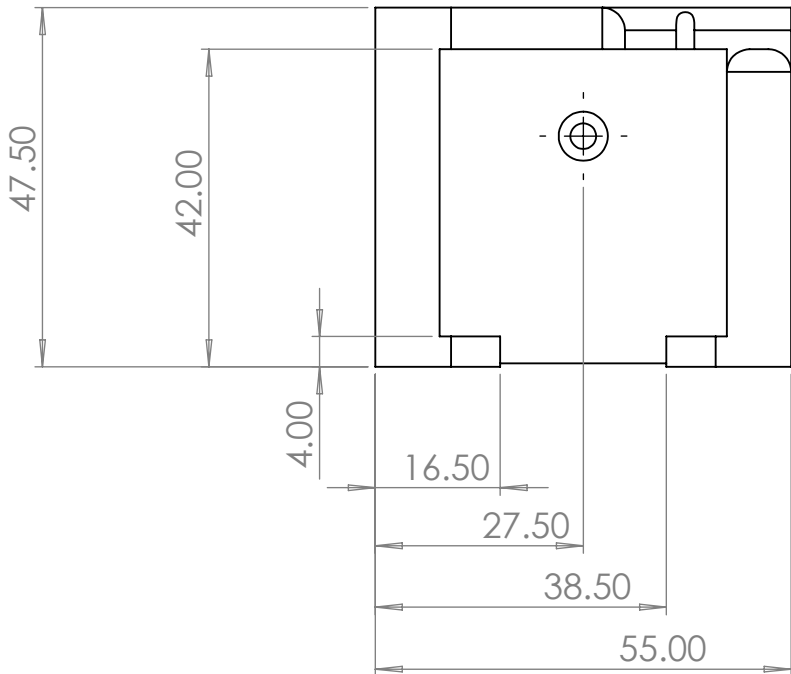
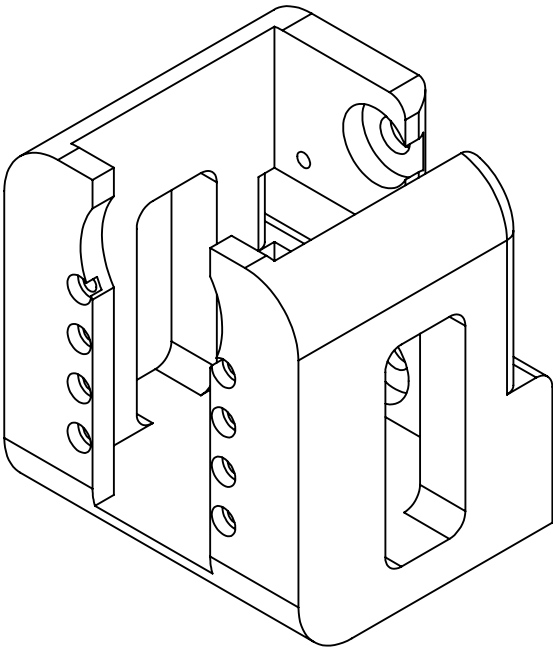
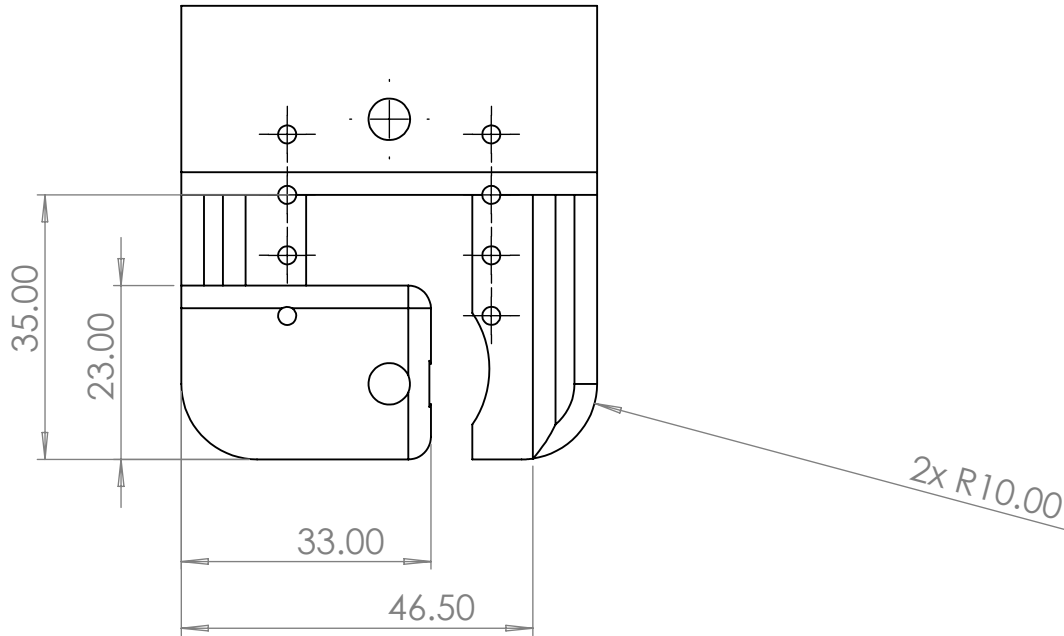
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									Author: Nil Patel			
									TITLE:			
									Second Swivel			
DRAWN	NAME		SIGNATURE		DATE							
CHK'D												
APP'VD												
MFG												
Q.A							MATERIAL:					
							WEIGHT:		SCALE:2:1		SHEET 12 OF 19	

- Notes:
1. All Fillets have a radius of 10mm unless otherwise specified
 2. All linear dimensions have a tolerance of 0.15mm unless otherwise specified
 3. Material: ABS Plastic



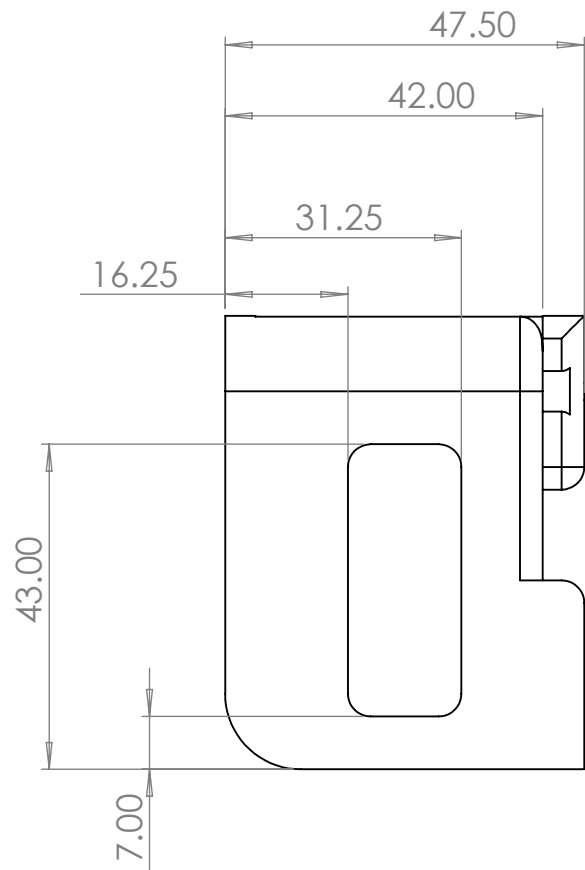
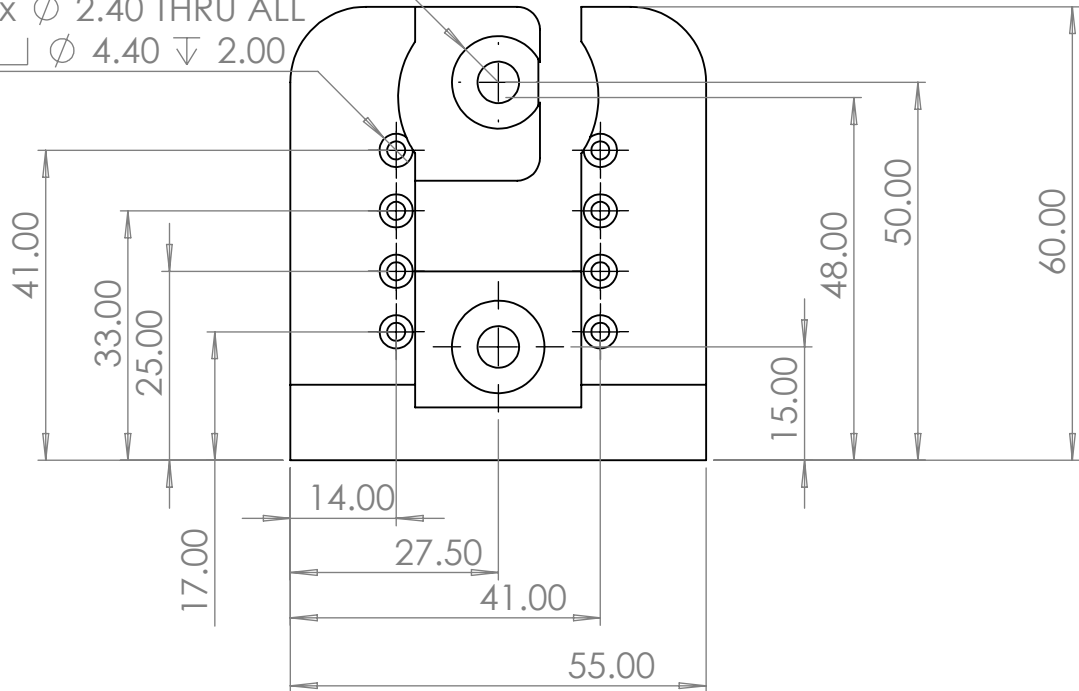
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								Author: Nil Patel		
DRAWN	NAME	SIGNATURE	DATE					TITLE: Servo Bracket		
CHK'D										
APPVD								DWG NO. Robo Picasso		
MFG										
Q.A								SCALE: 1:1		
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- Notes:
1. All Fillets have a radius of 10mm unless otherwise specified
 2. All linear dimensions have a tolerance of 0.15mm unless otherwise specified
 3. Material: ABS Plastic



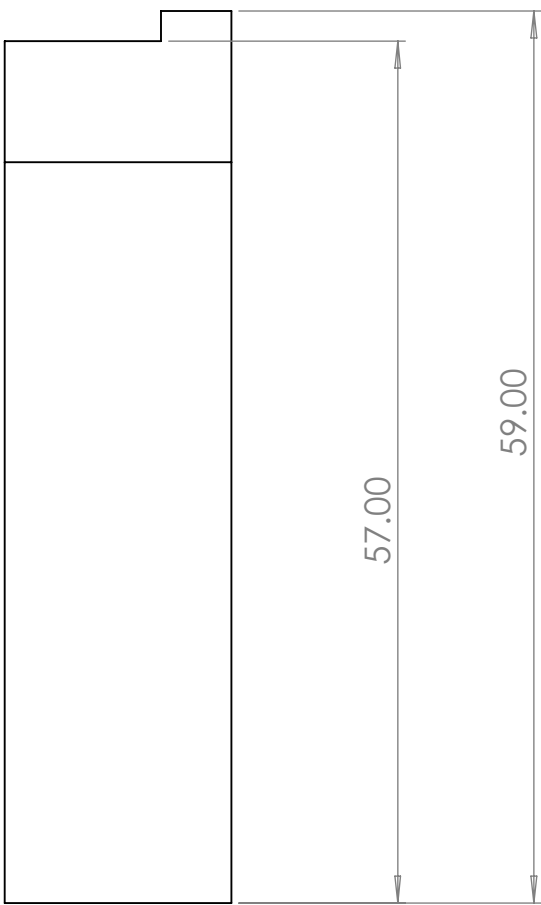
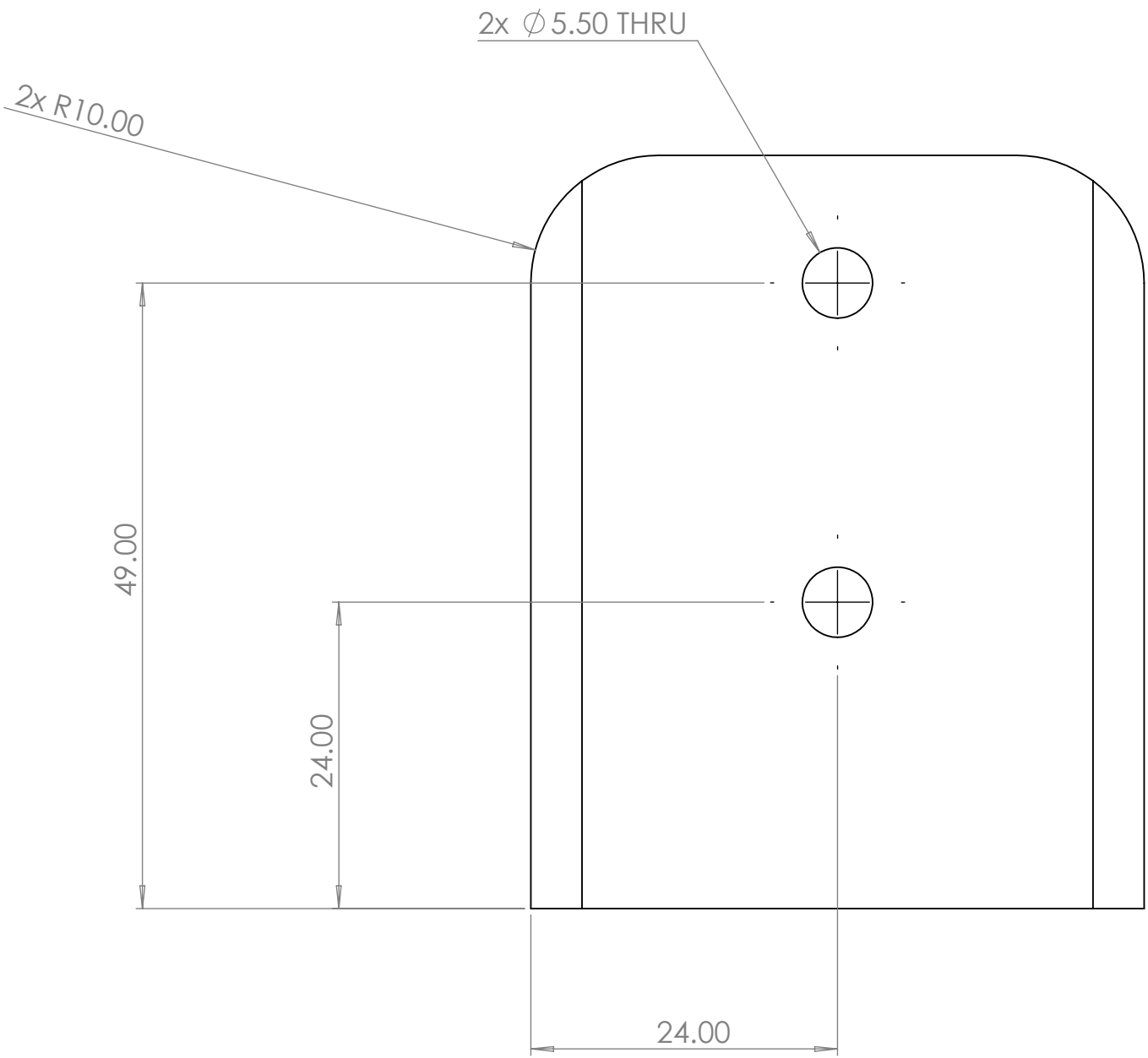
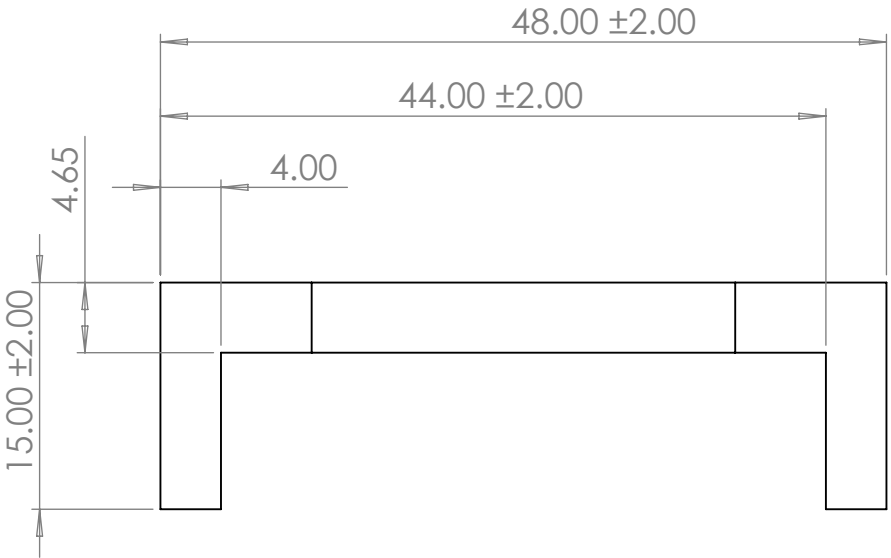
2 x \varnothing 5.50 THRU ALL
 \varnothing 12.24 ∇ 3.58

16 x \varnothing 2.40 THRU ALL
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								Author: Nil Patel		
DRAWN	NAME	SIGNATURE	DATE					TITLE: Servo Mount		
CHK'D										
APP'VD								DWG NO. Robo Picasso		
MFG										
Q.A							MATERIAL:			
							WEIGHT:	SCALE: 1:1		
								SHEET 14 OF 19		

- Notes:
1. All Fillets have a radius of 10mm unless otherwise specified
 2. All linear dimensions have a tolerance of 0.15mm unless otherwise specified
 3. Material: ABS Plastic



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: N/A TOLERANCES: LINEAR: 0.15mm ANGULAR: 3 degrees				FINISH:		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING		REVISION
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APP'VD							DWG NO. Robo Picasso		
MFG									
Q.A						MATERIAL:	SCALE: 2:1		
						WEIGHT:	SHEET 15 OF 19		

Notes:

NOTES:

1. All Fillets have a radius of 10mm unless otherwise specified
2. Material: Birch Wood

H

G

F

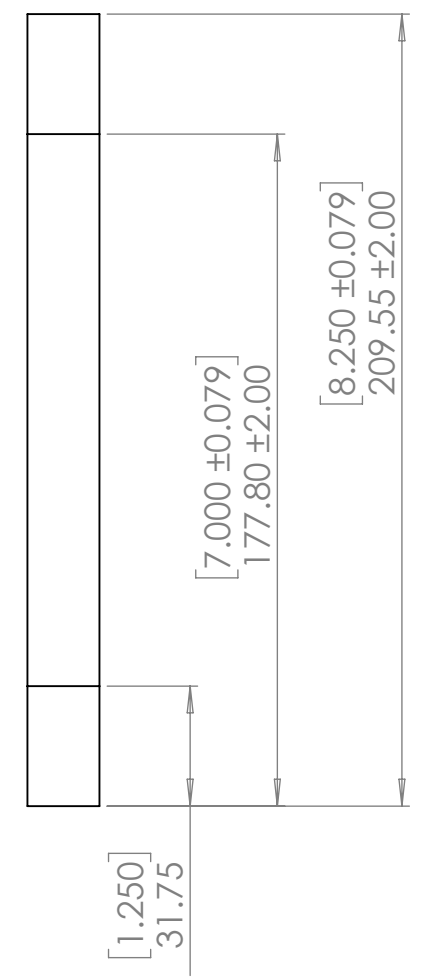
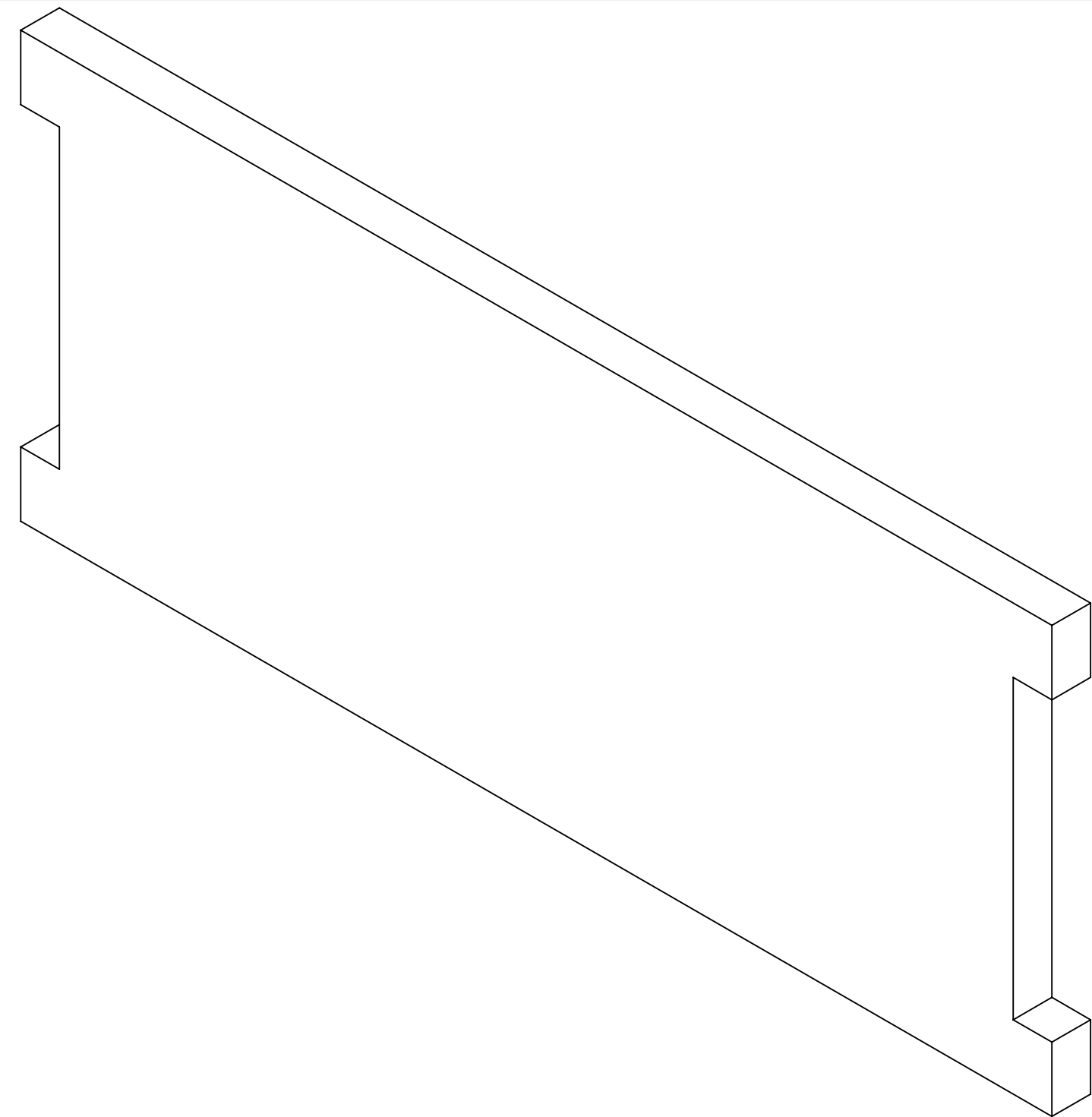
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D

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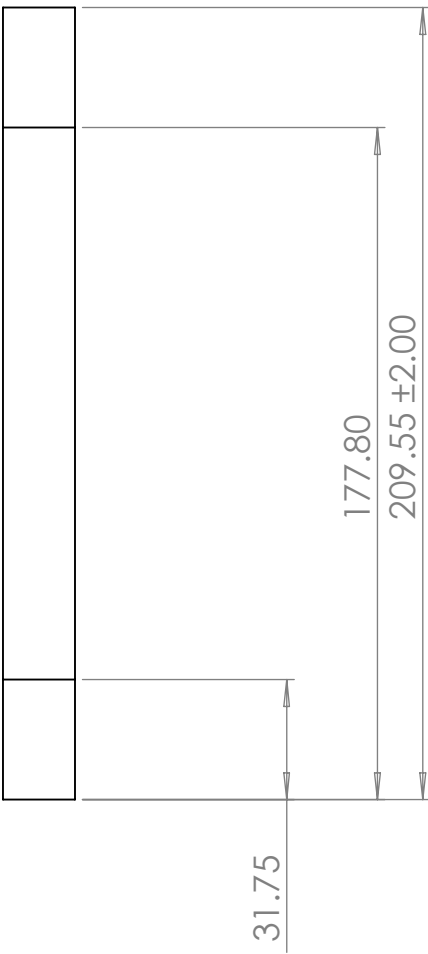
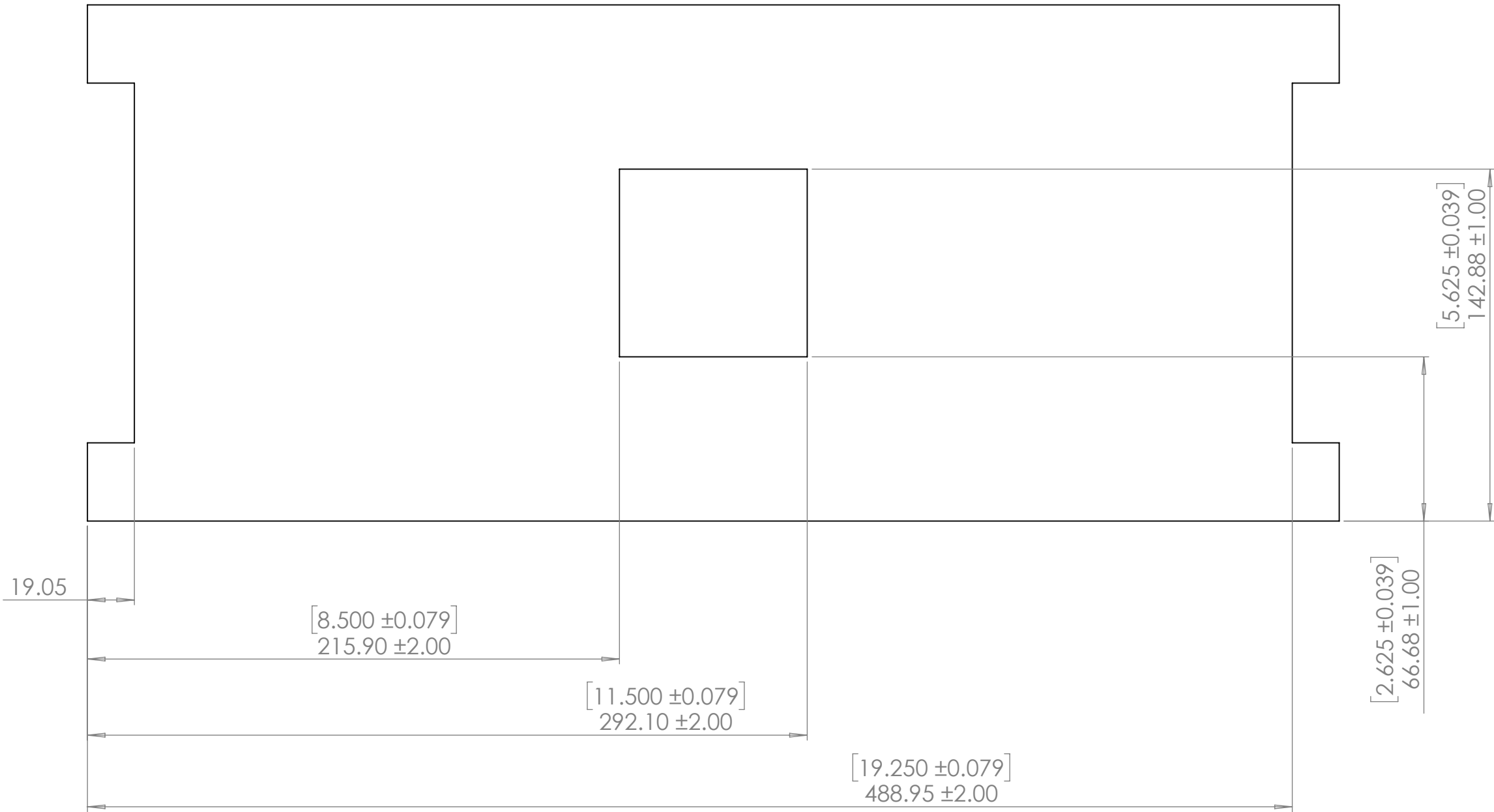
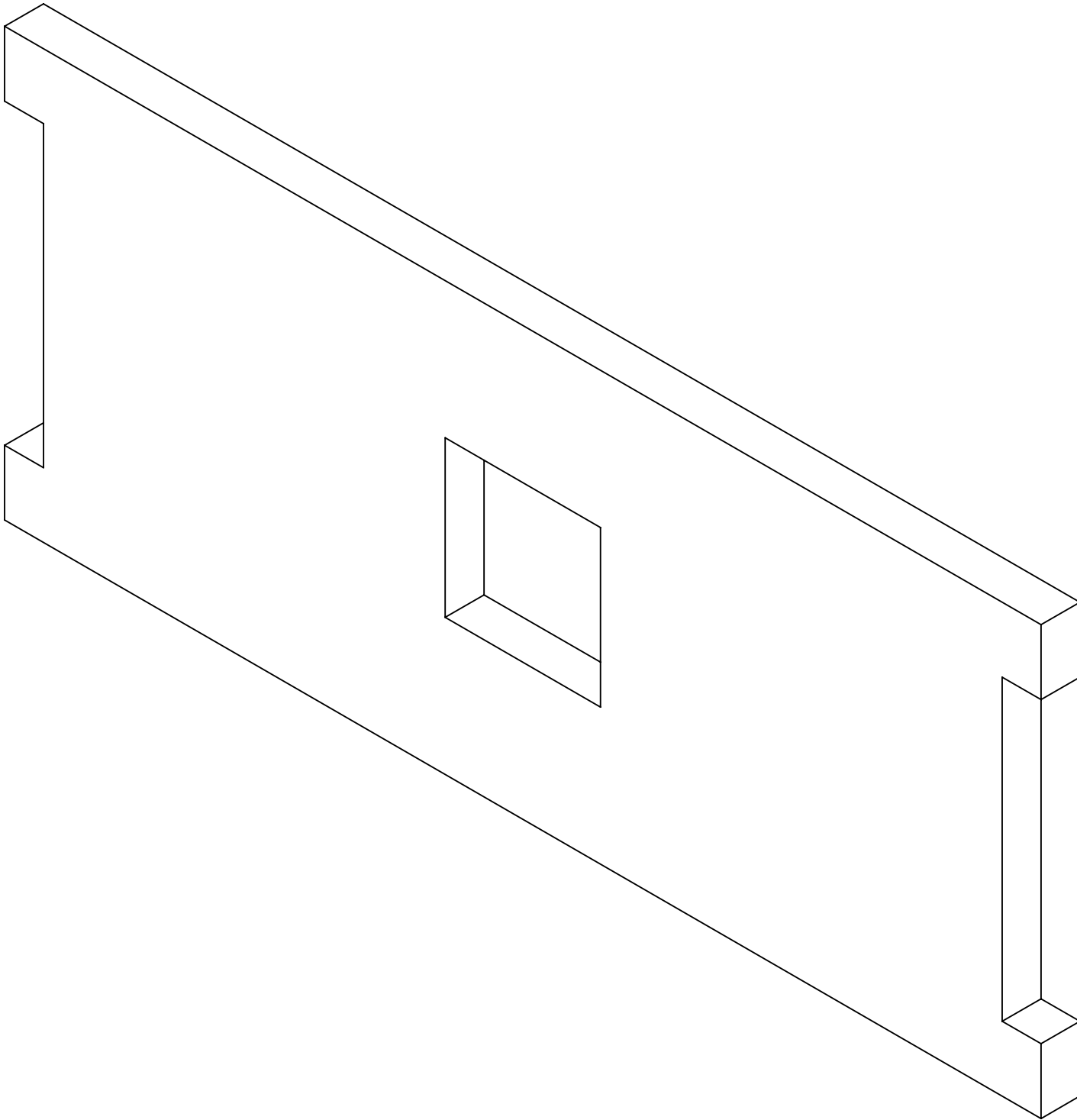
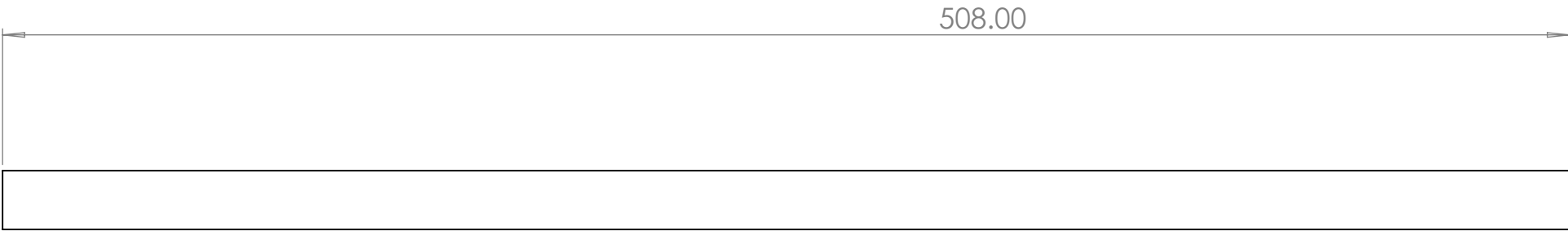
B

A



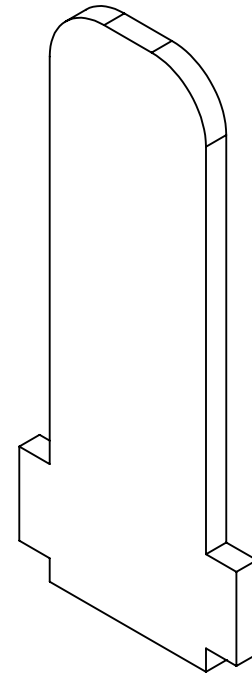
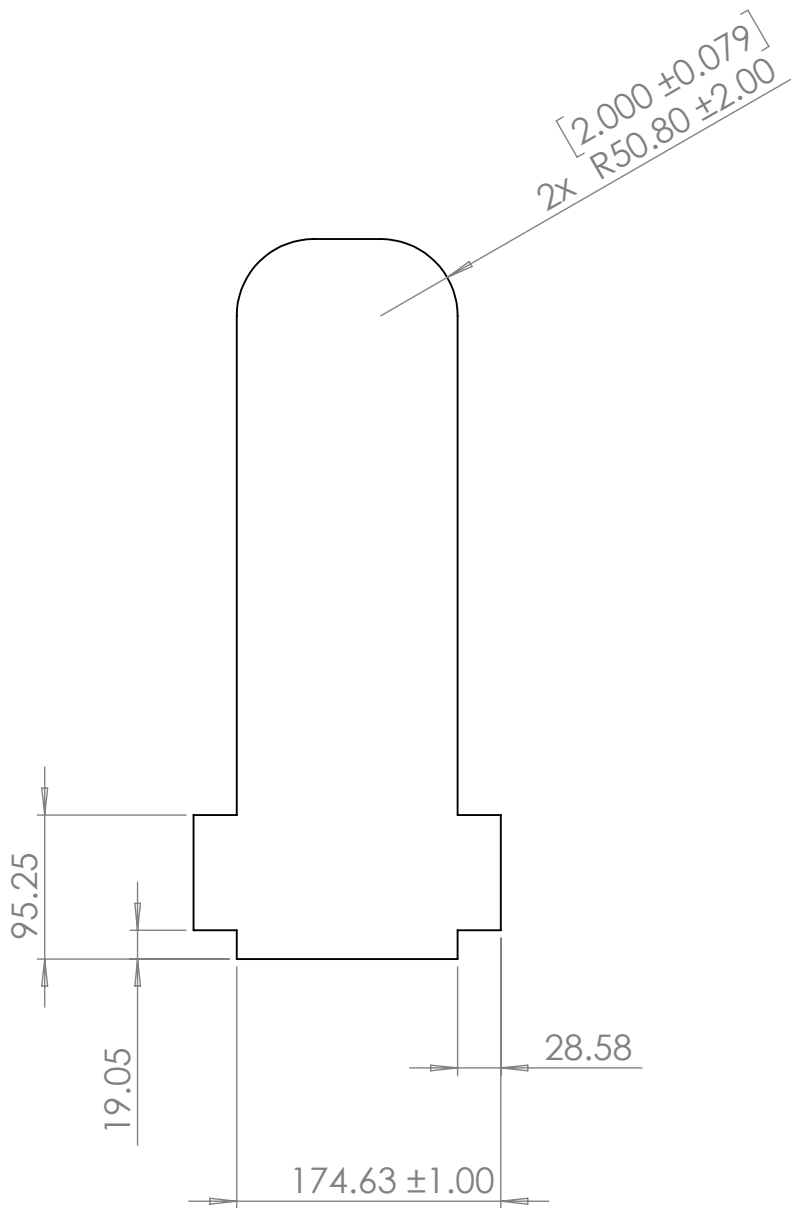
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: N/A TOLERANCES: LINEAR: 2.00 mm ANGULAR: 3 degrees				FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
								Author: Jaepil Goh			
								Base Bottom			
								Robo Picasso			
								DWG NO.		A2	
								SCALE: 1:2		SHEET 17 OF 19	

- Notes:
- All Fillets have a radius of 10mm unless otherwise specified
 - Material: Birch Wood



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: N/A TOLERANCES: LINEAR: 1mm ANGULAR: 3 degrees				FINISH:		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING		REVISION
							Author: Jaepil Goh		
DRAWN	NAME	SIGNATURE	DATE				TITLE: Base Upper		
CHK'D									
APP'VD							DWG NO. Robo Picasso		
MFG									
Q.A						MATERIAL:			
						WEIGHT:	SCALE:1:2		
							SHEET 18 OF 19		

Notes:
1. All Fillets have a radius of 2in unless otherwise specified
2. Material: Birch Wood



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: N/A TOLERANCES: LINEAR: 2mm ANGULAR: 3 degrees				FINISH:		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING		REVISION
							Author: Jaepil Goh		
DRAWN	NAME	SIGNATURE	DATE				TITLE: Base Wall		
CHK'D									
APP'VD							DWG NO. Robo Picasso		
MFG									
Q.A							SCALE:1:5		
							SHEET 19 OF 19		