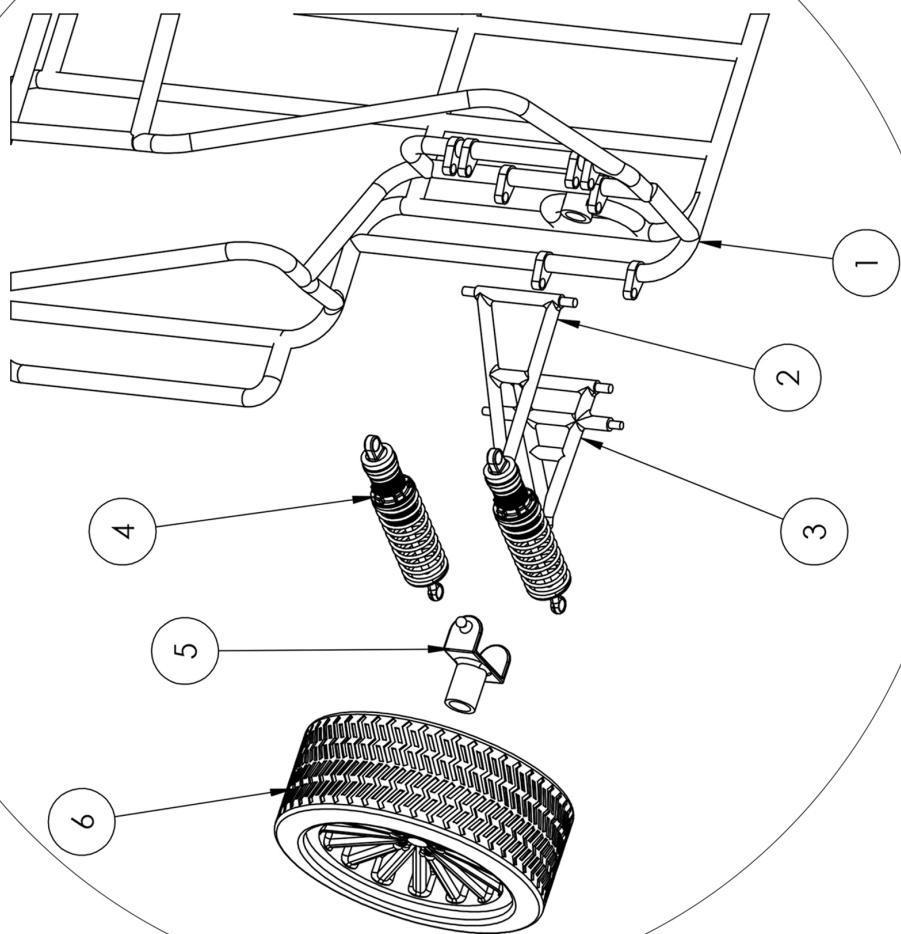


BUGGY PROJECT



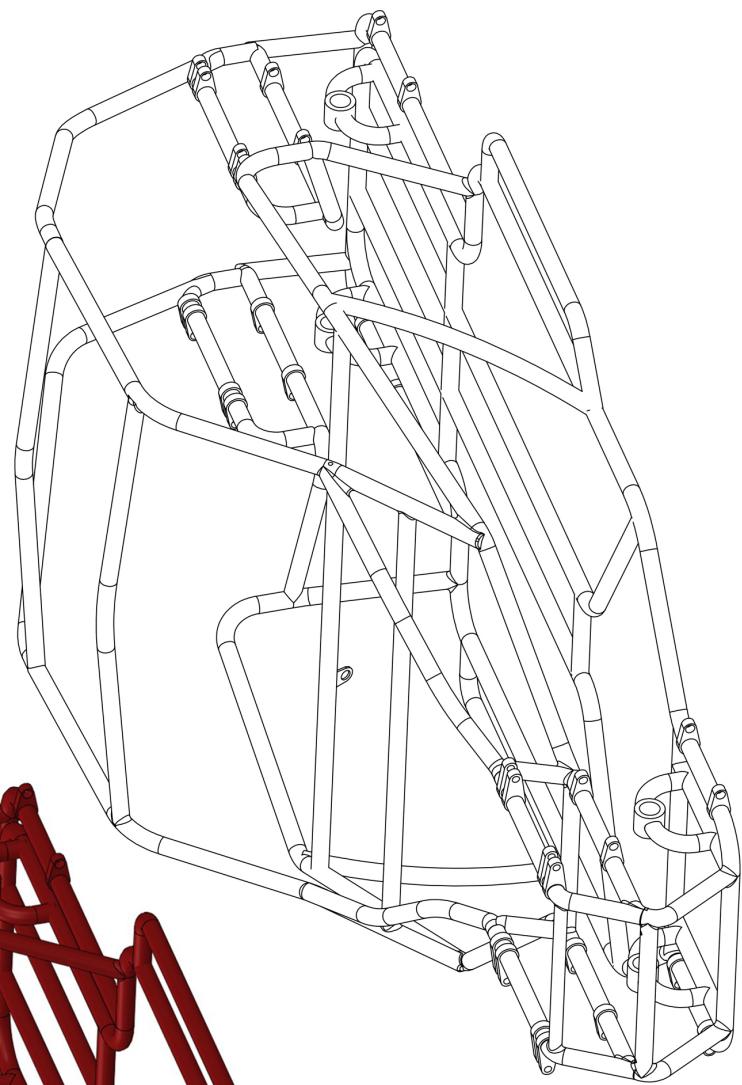
ITEM NO.	PART NUMBER	QTY.
1	Frame	1
2	Wishbone Upper Front	1
3	Wishbone Lower Front	1
4	Shock Absorber	2
5	Hub	1
6	Wheel Assembly	1

BUGGY PROJECT

PART-1

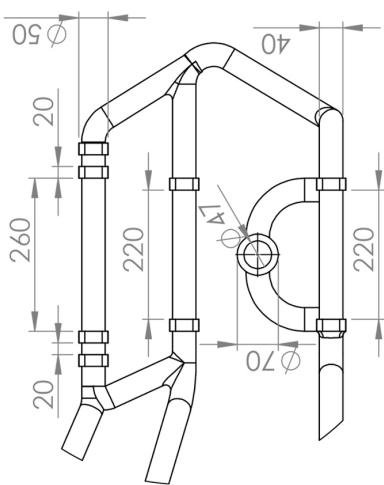
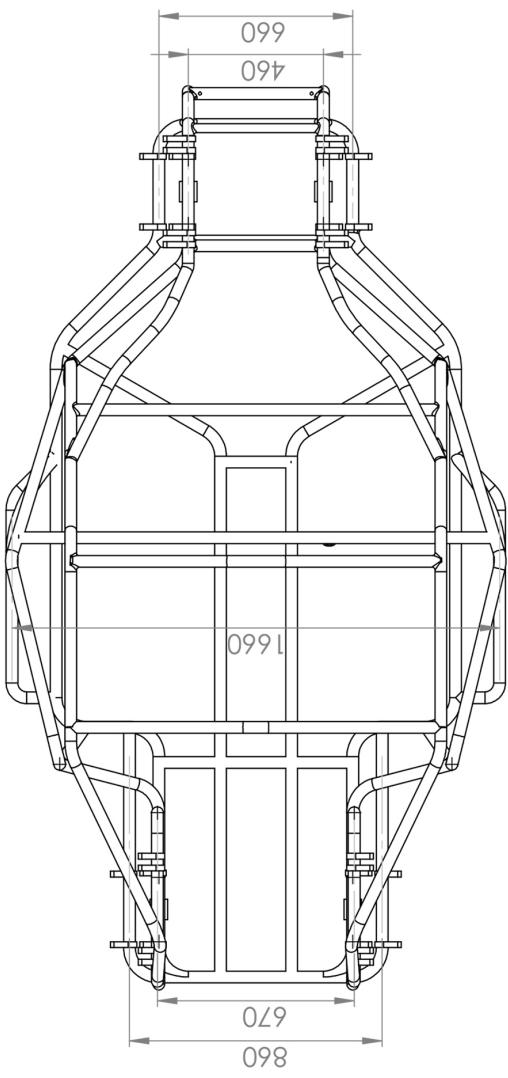
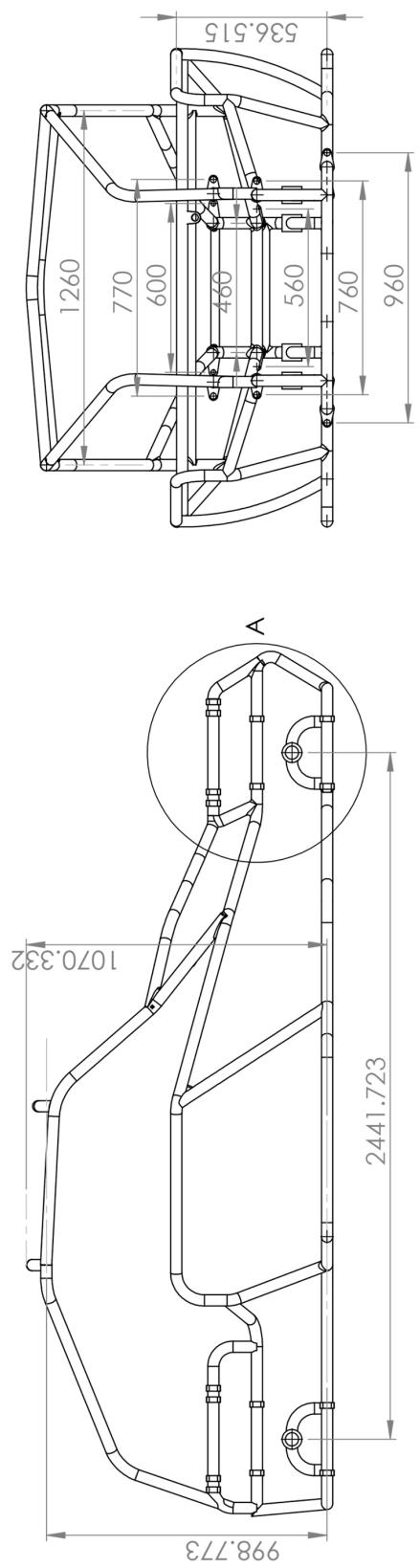


(Part -1 model)



BUGGY PROJECT

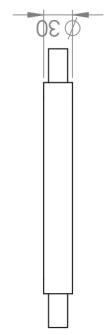
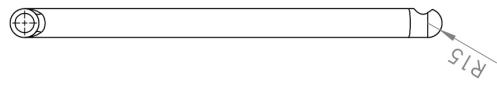
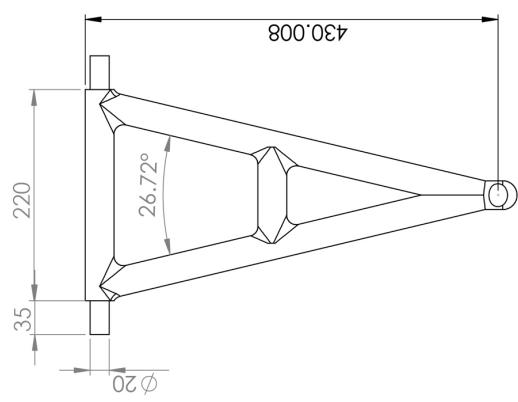
PART-1



DETAIL A
SCALE 1:10

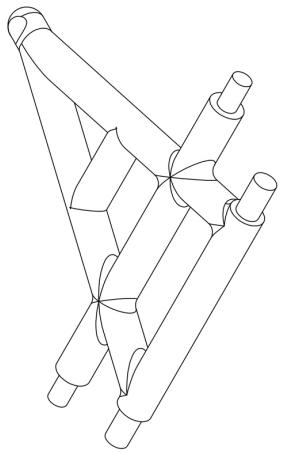
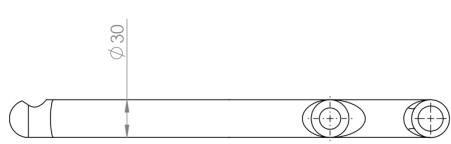
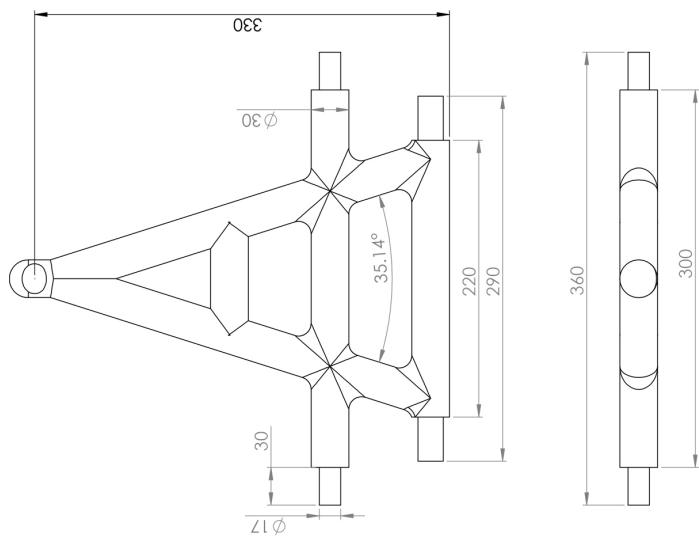
BUGGY PROJECT

PART-2



(Part-2 model)

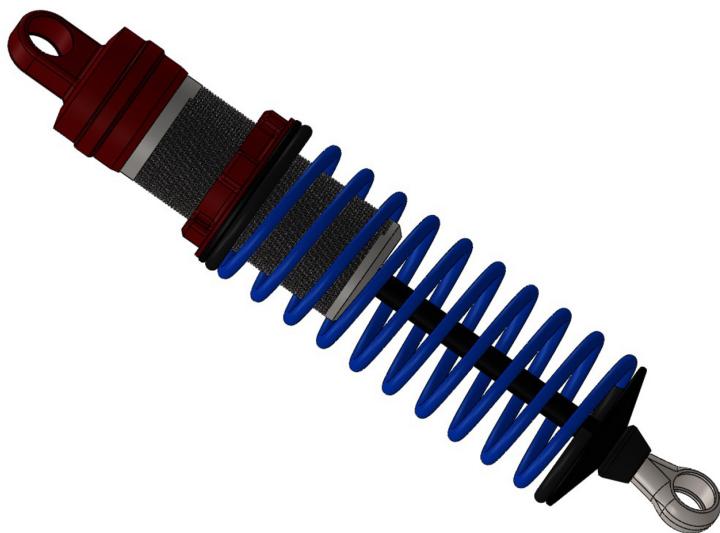
PART-3



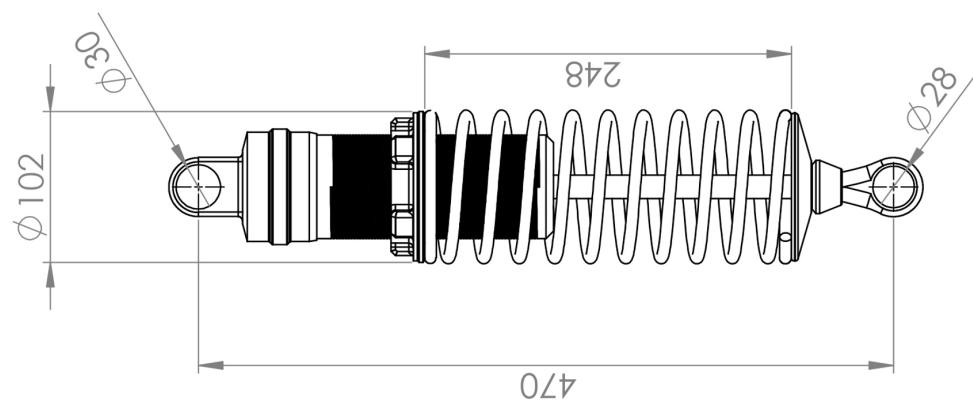
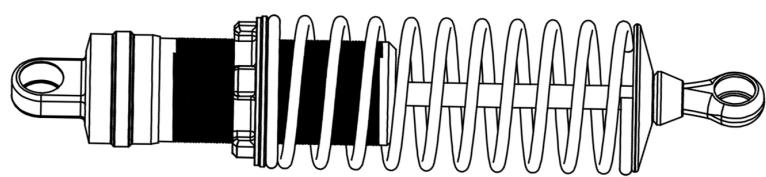
(Part-3 model)

BUGGY PROJECT

PART-4

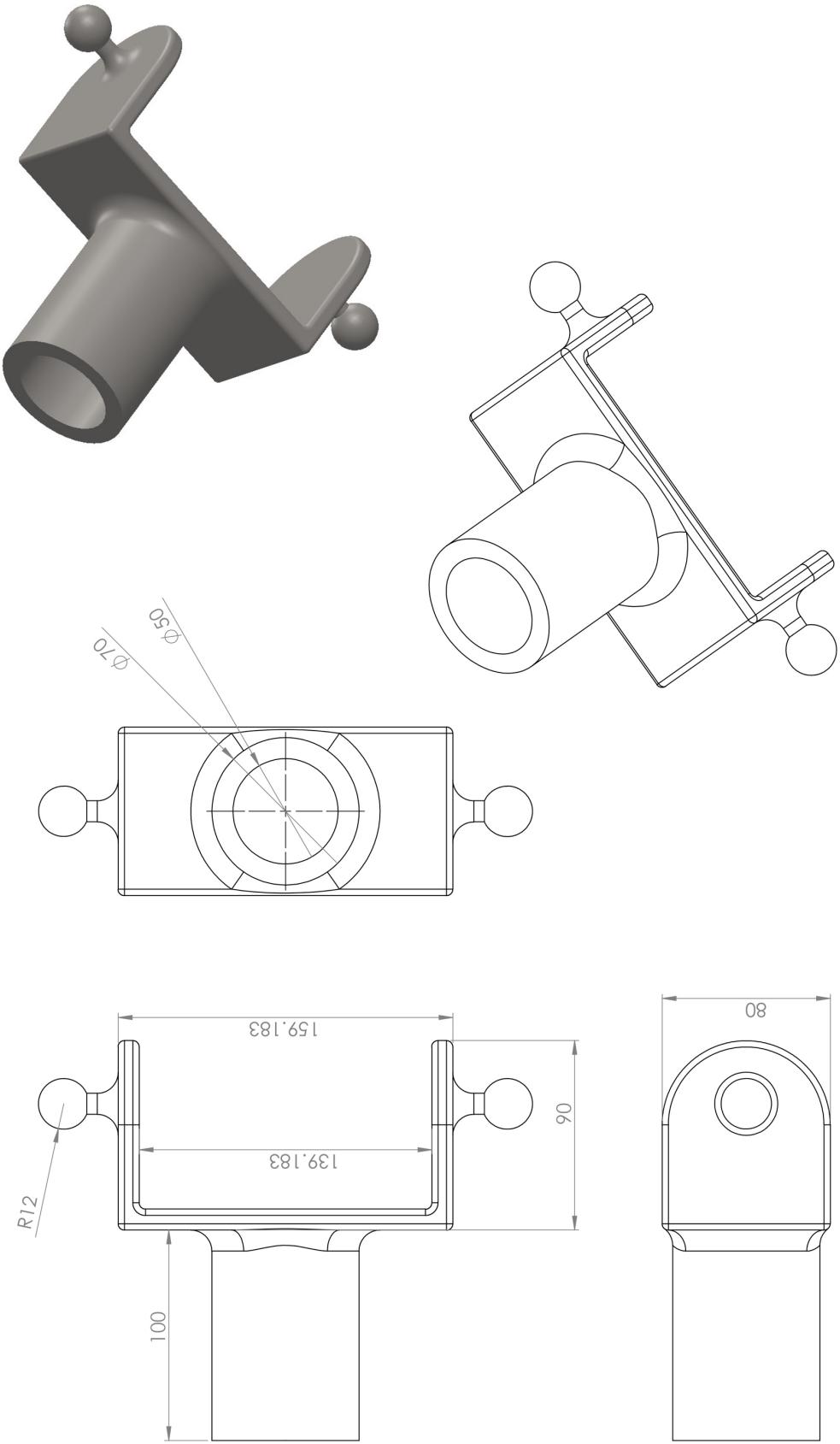


(Part -4 model)



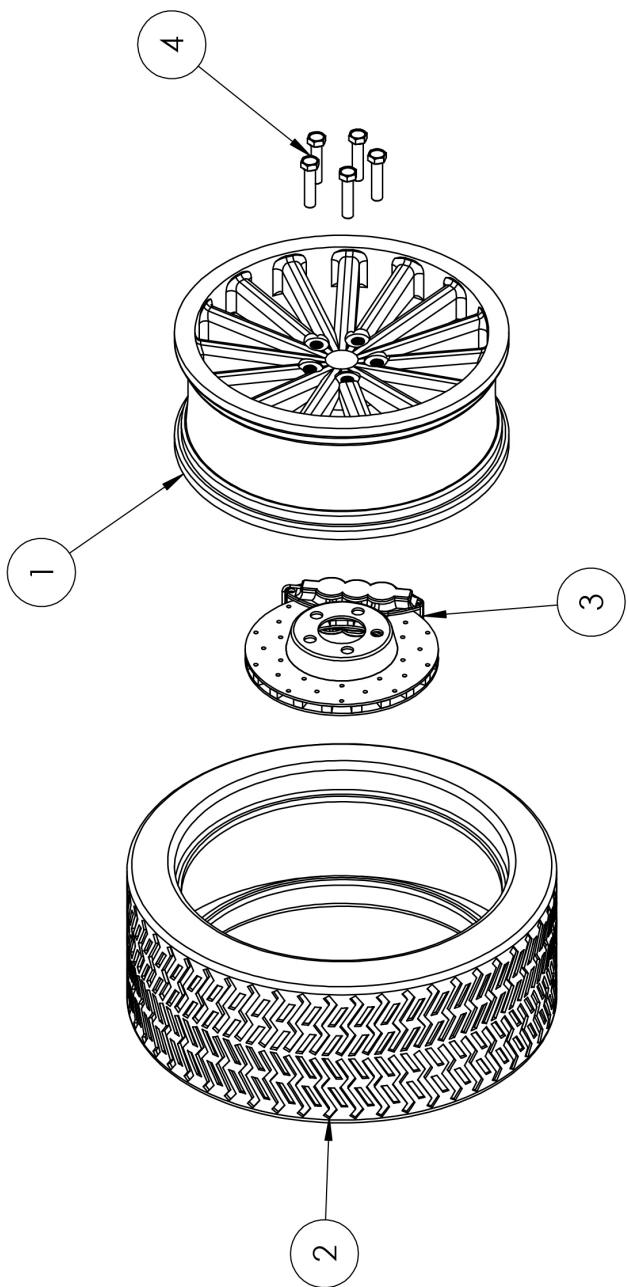
BUGGY PROJECT

PART-5



BUGGY PROJECT

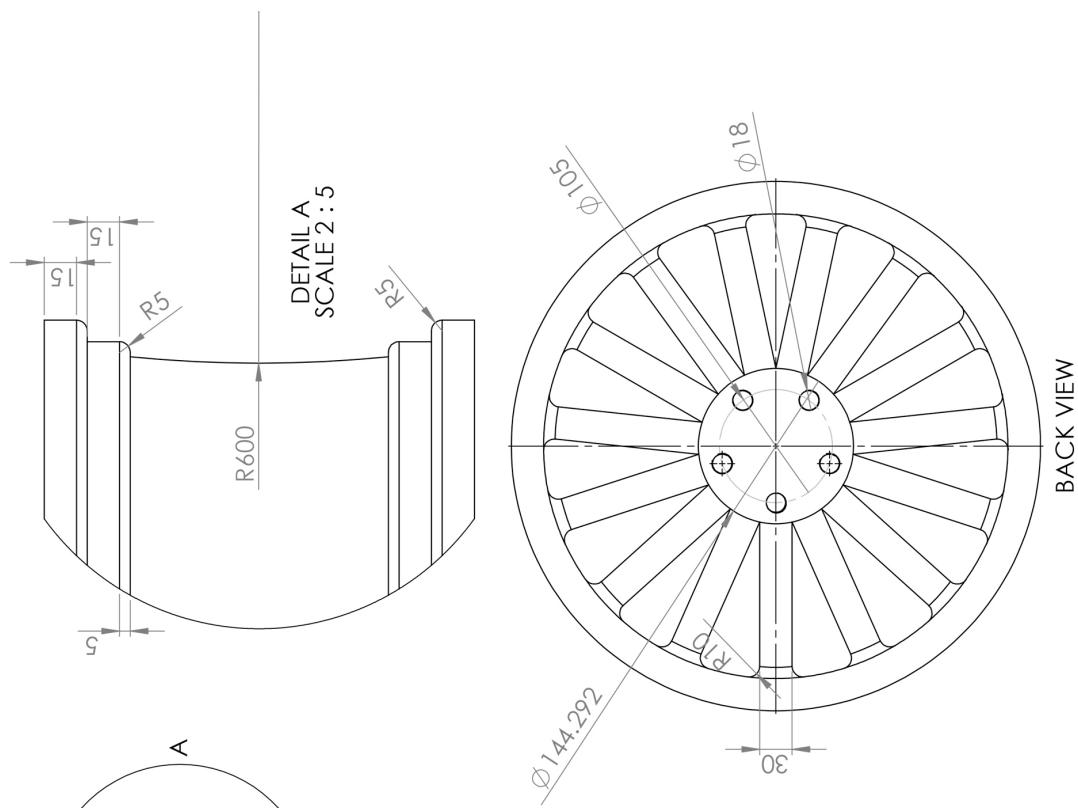
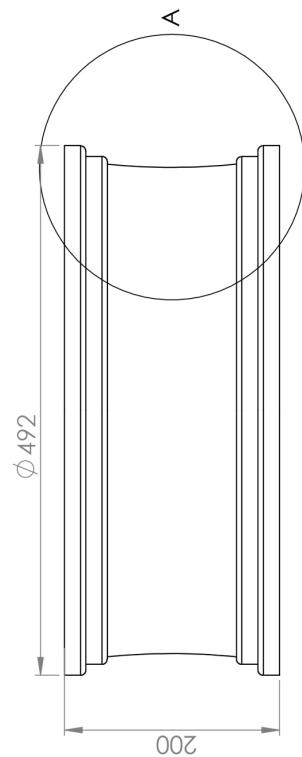
PART-6 (Wheel Assembly)



ITEM NO.	PART NUMBER	QTY.
1	Rim	1
2	tyre	1
3	Disk (brake)	1
4	formed hex screw	5

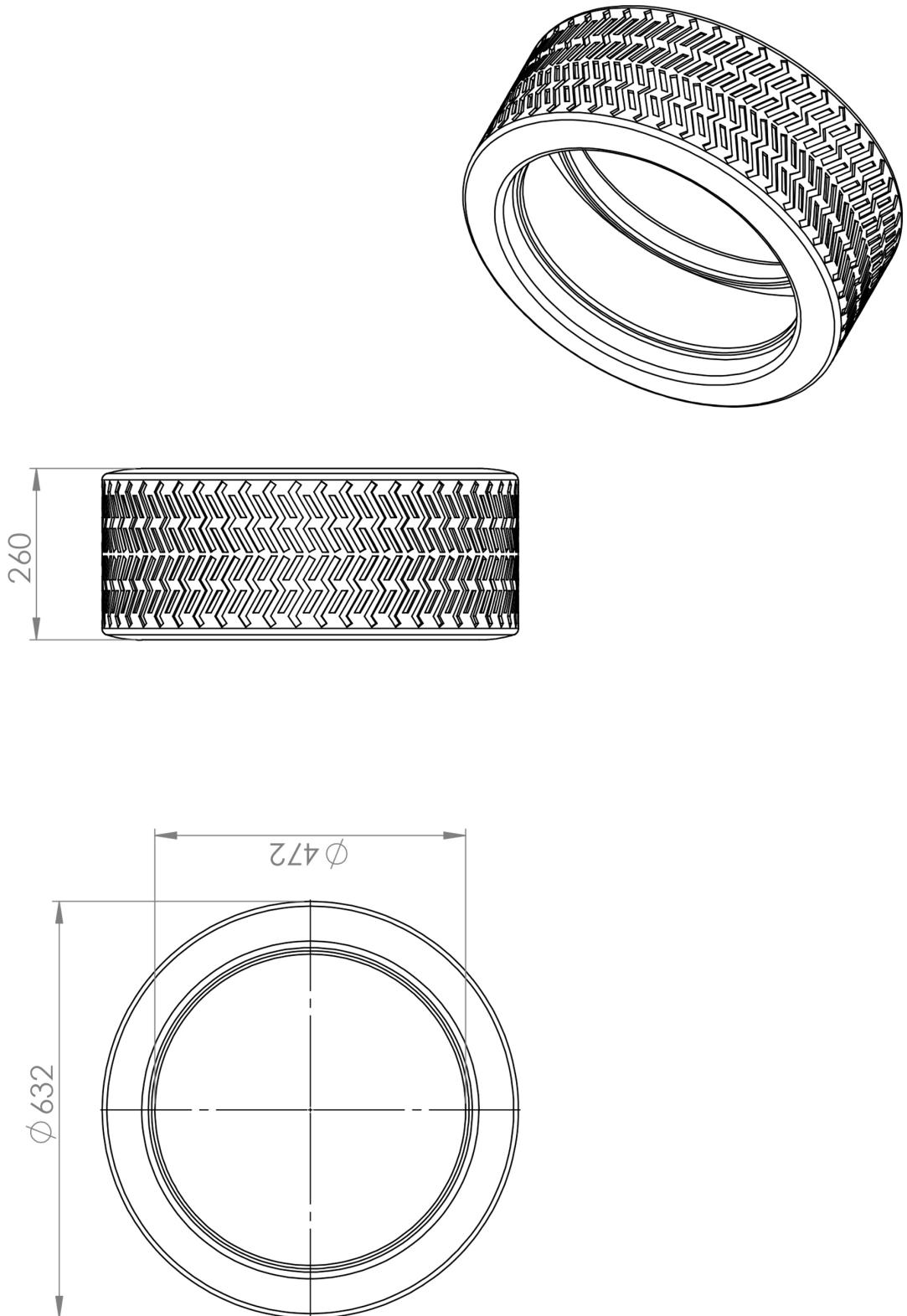
BUGGY PROJECT

PART-1



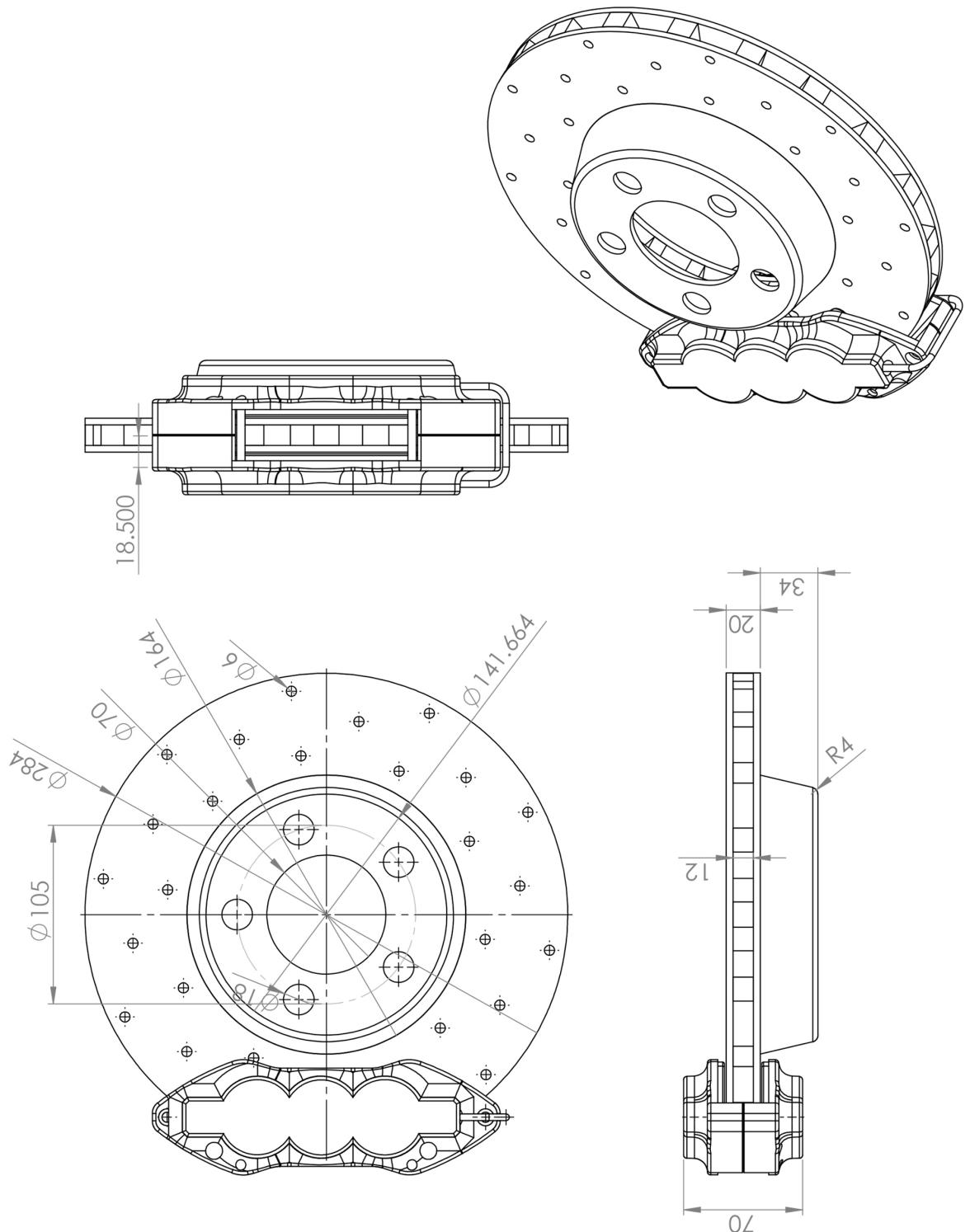
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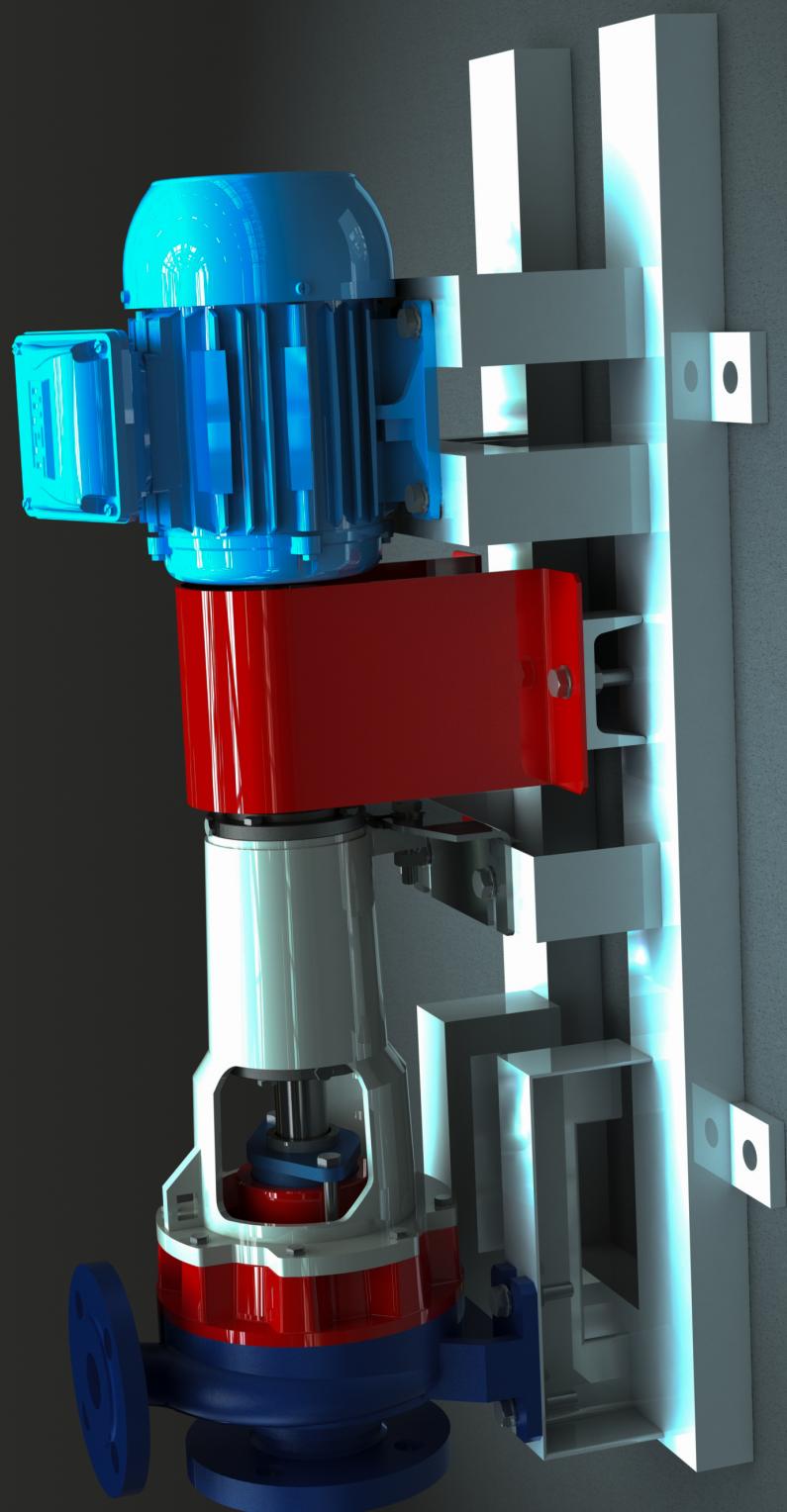
PART-2



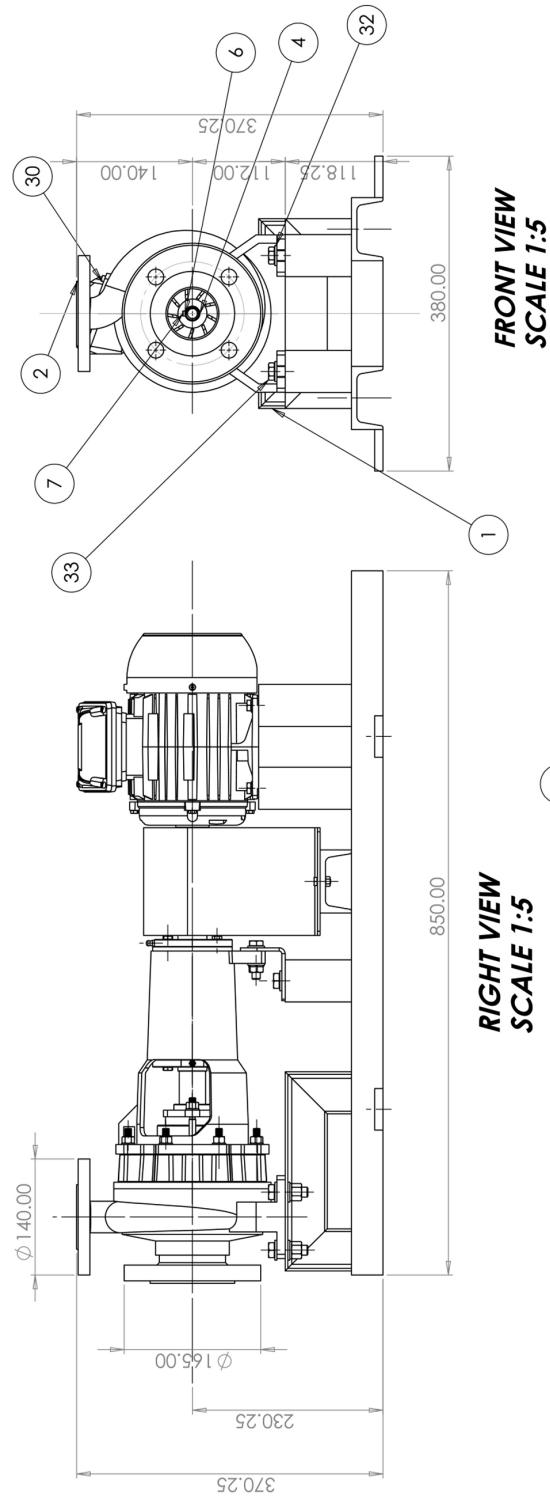
BUGGY PROJECT

PART-3

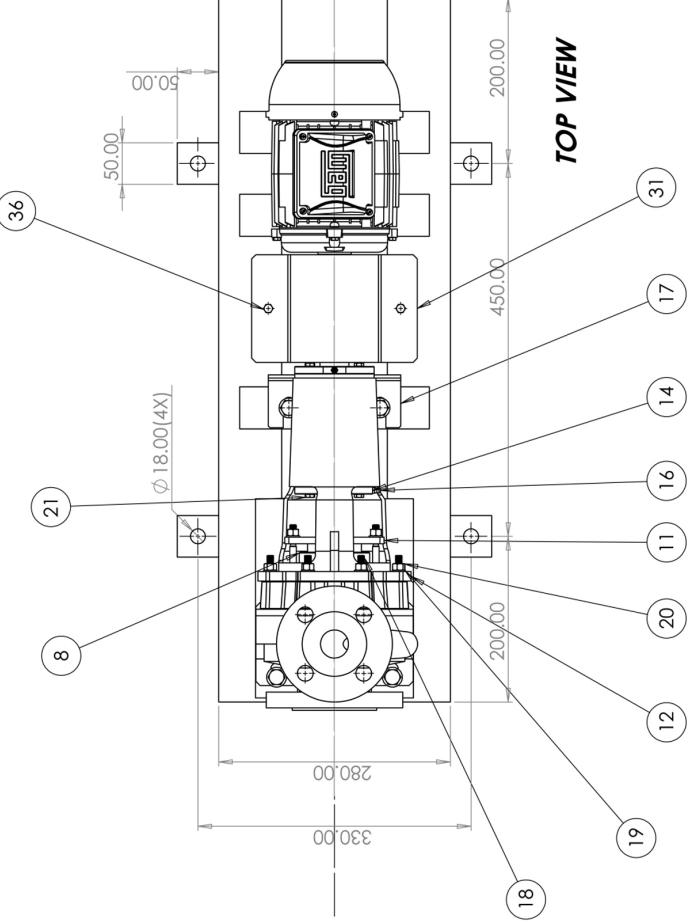




CENTRIFUGAL PUMP PROJECT



**RIGHT VIEW
SCALE 1:5**

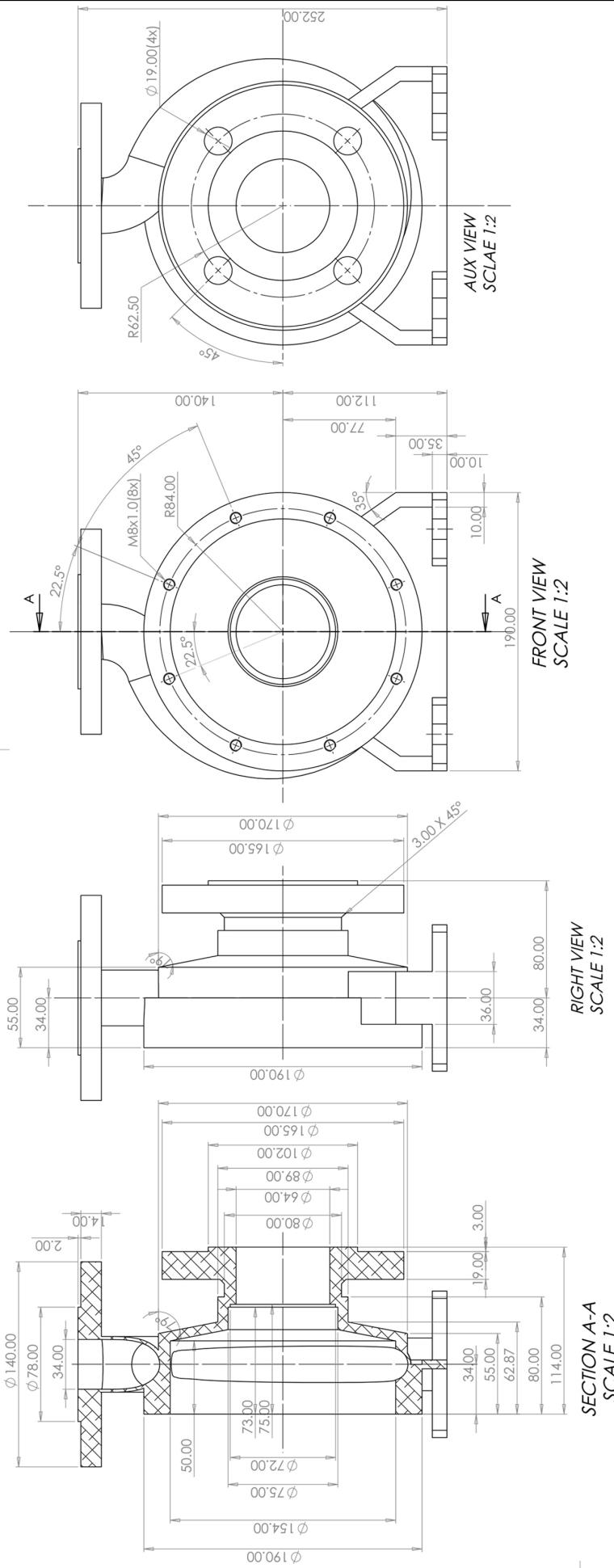


CENTRIFUGAL PUMP PROJECT

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Pump Base		1
2	Pump Casing		1
3	Wear Ring		2
4	Pump Impeller		1
5	Seal Chamber		1
6	Shaft		1
7	Parallel key A6 x 6 x 22 DIN 6885		1
8	Pump Coupling		1
9	Pump Packing set		4
10	Pump Lantern Ring		1
11	Pump Packing Gland		1
12	House Bearing		1
13	DIN 625 - 6207 - 12,DE,NC,12_68		2
14	Bearing Cover		2
15	din3760-a_35x50x7-nbr din_71412_a_m6_x_1 - 0_7er_6kt		2
16			2
17	Support		1
18	DIN 8335 - M8 x 70 --- 22S		10
19	Washer DIN 125 - A 8.4		10

20	Hexagon Nut ISO 4034 - M8 -N	10
21	DIN EN 24017 - M6 x 25-C	8
22	DIN EN 24017 - M10 x 40-C	1
23	Washer DIN 125 - A 10.5	2
24	Spring washer DIN 128 -A10	1
25	Hexagon Nut ISO 4034 - M10 -N	1
26	Parallel key A8 x 7 x 36 DIN 6885	1
27	Drive Coupling element	1
28	Sleeve HUB	2
29	DIN 913 - M8 x 25-C	4
30	motor wifp2- 1_146b3j	1
31	Pump Protection	1
32	Washer DIN 125 - A 13	12
33	DIN EN 24017 - M12 x 40-C	6
34	Spring washer DIN 128 -A12	6
35	Hexagon Nut ISO 4034 -M12 -C	6
36	DIN EN 24017 - M6 x 16-C	2
37	Hexagon Nut ISO 4033 - M6 -W - N	2
38	Washer DIN 126 - 9	8
39	DIN EN 24017 - M8 x 35-C	4
40	DIN 6905-9-3-FST	4
41	Hexagon Nut ISO 4033 - M8 -W - N	4

CENTRIFUGAL PUMP PROJECT

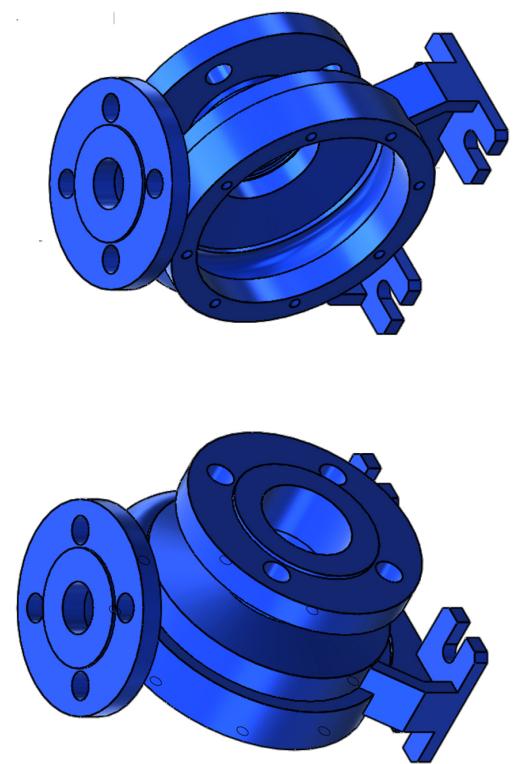
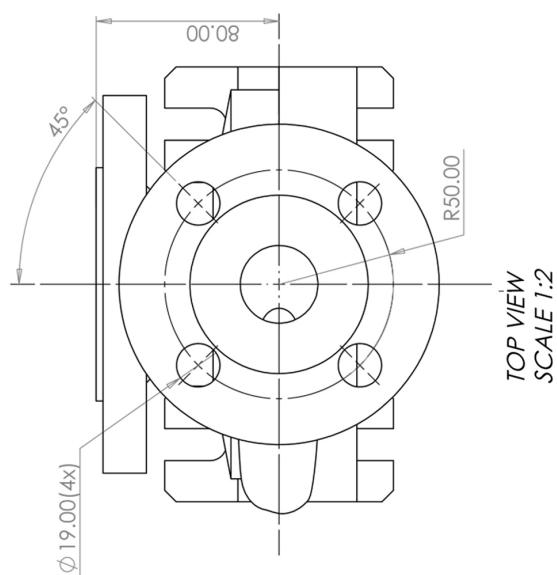
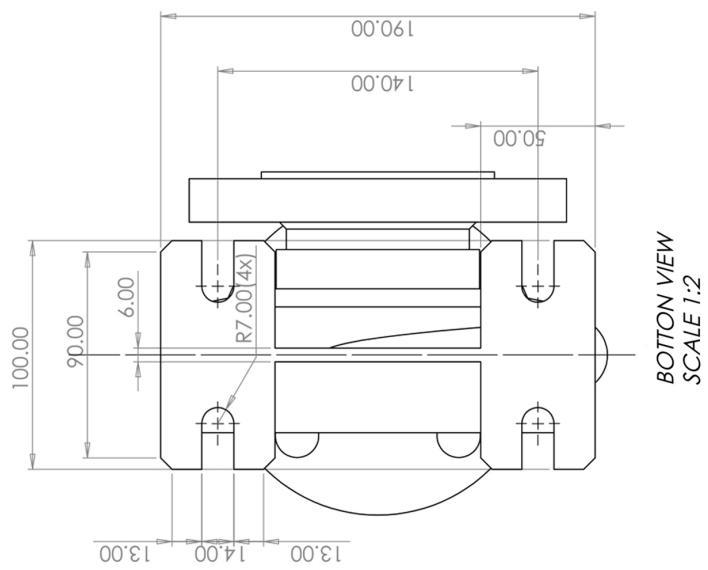


PUMP CASING

DRAWN:	Brish BUDHUMO	SIGNATURE	DATE	TIME
CHKD:				
APVD:				
MFG:				
Q.A:				
MATERIAL:				
WEIGHT:				
SCALE 1:2				
SHEET 1 OF 1				

A4

CENTRIFUGAL PUMP PROJECT



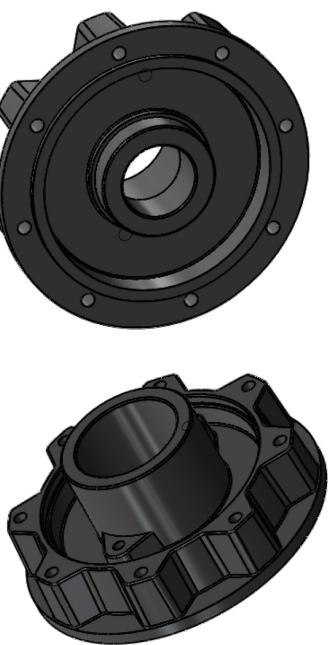
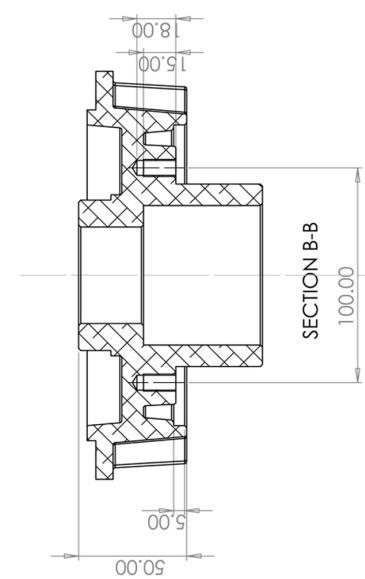
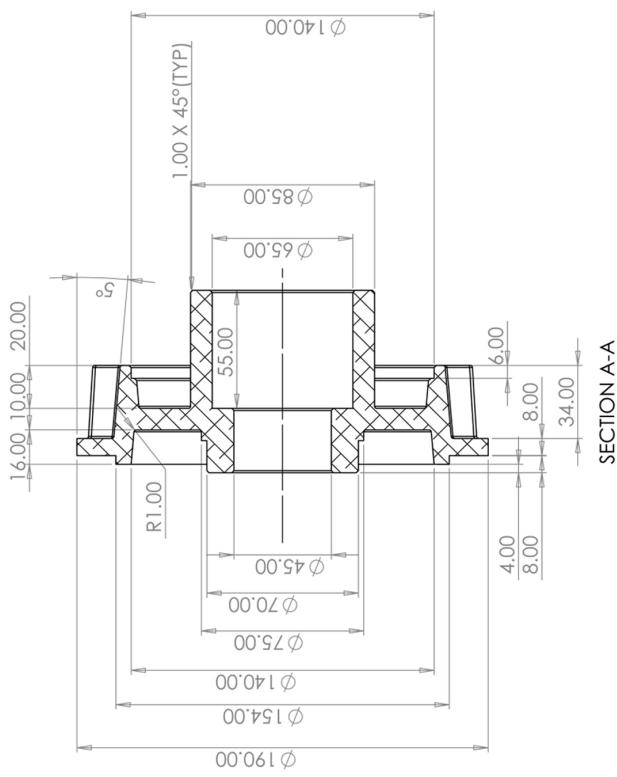
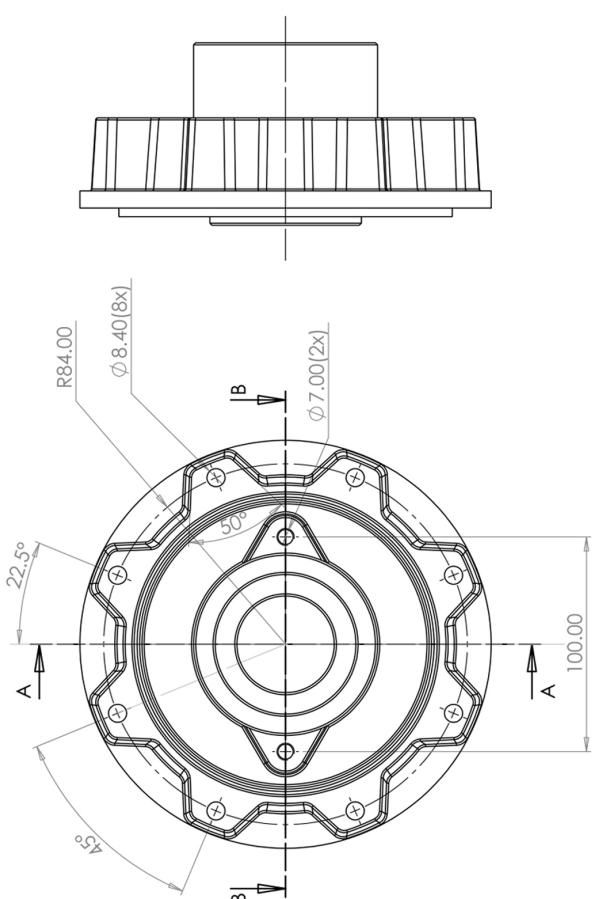
PUMP CASING

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DRAWN	Bech Buien-HMHO	SIGNATURE	DATE
CHKD			
APV/D			
MFG			
QA			

A4

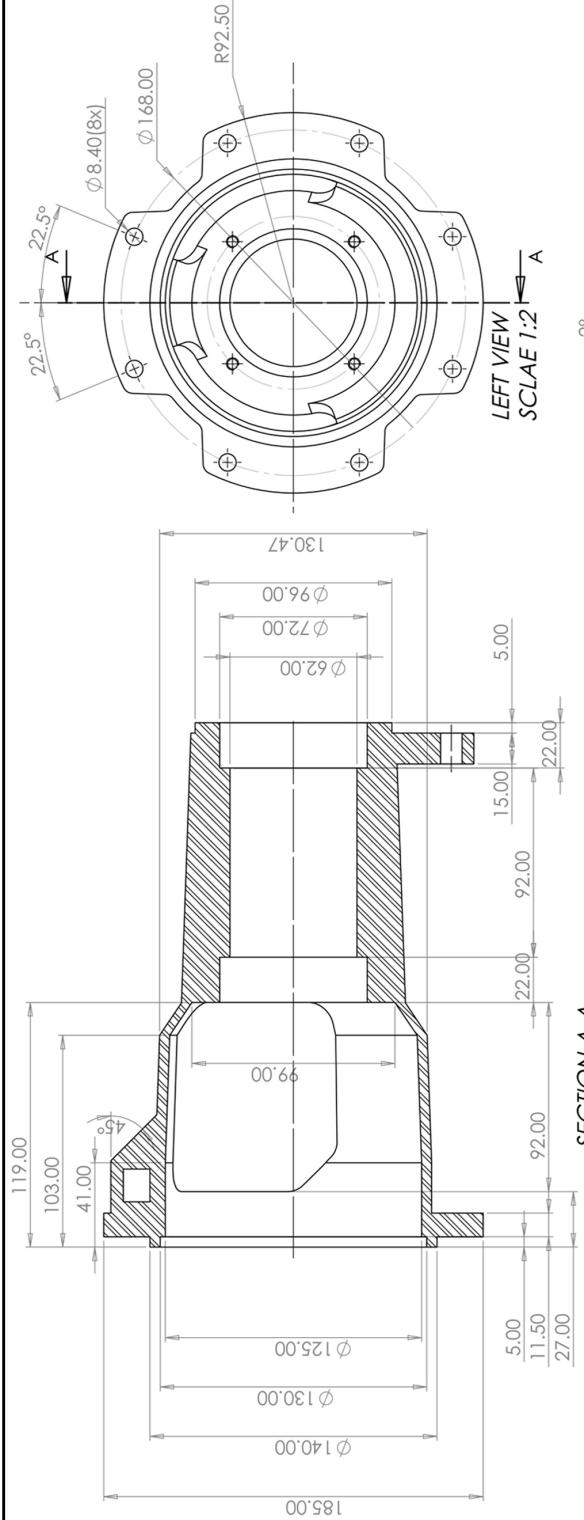
SHEET 1 OF 1

CENTRIFUGAL PUMP PROJECT



PUMP COUPLING			
NAME	SIGNATURE	DATE	
DRAWN Brett BISHNAMO			
CKD			
APV/D			
MFG			
QA			
MATERIAL:			
DWG NO.	2		A4
SCALE:1:2			
WEIGHT:			
SHEET 1 OF 1			

CENTRIFUGAL PUMP PROJECT

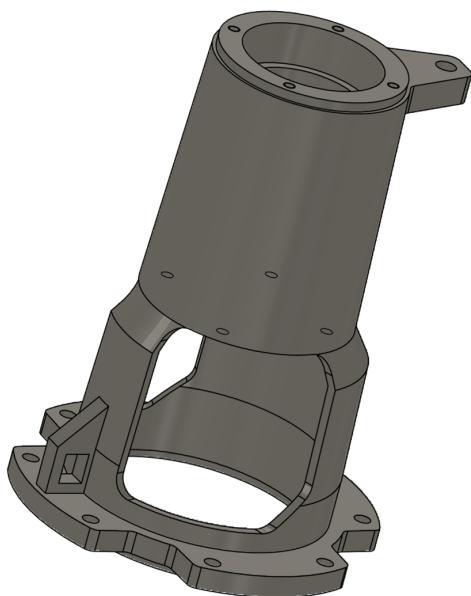
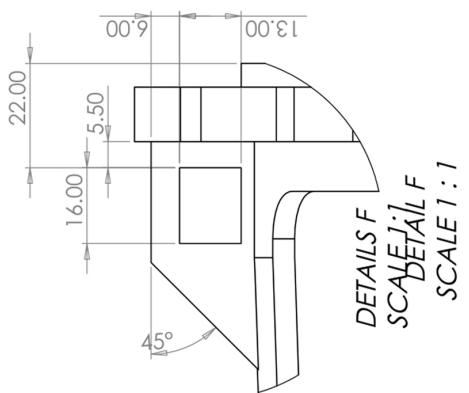
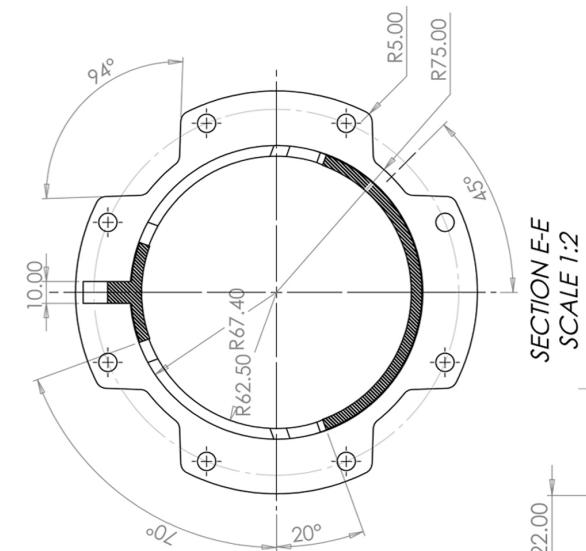
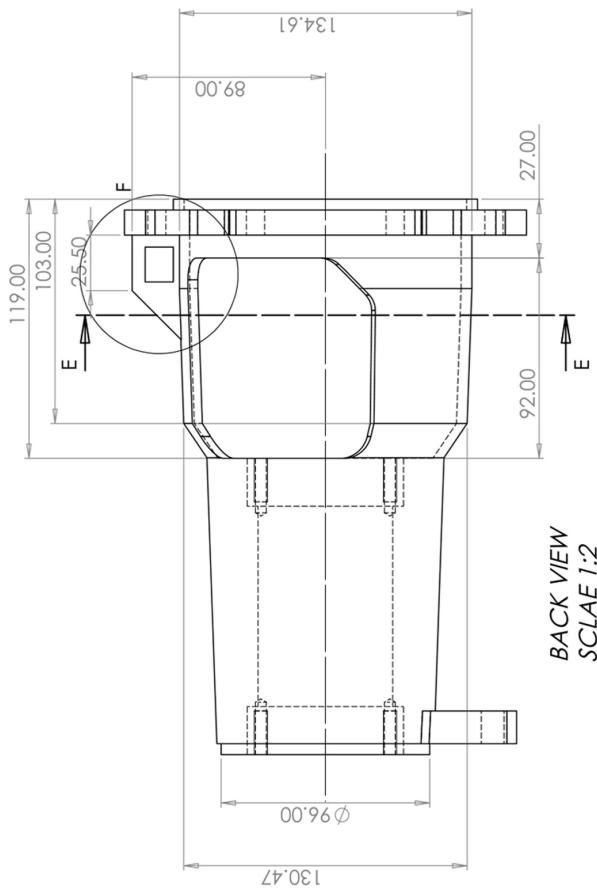


BEARING HOUSE

TITLE:		DWG NO.	SCALE:	SHEET 1 OF 1
NAME	SIGNATURE	DATE		
DRAWN Brett BUCHNAMMO				
CHKD APPROD				
MFG				
QA				

SCALE 1:2
A4
DWG. NO.
3
SHEET 1 OF 1

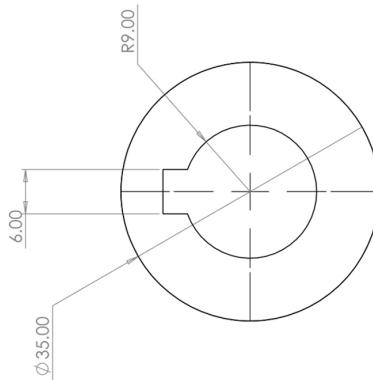
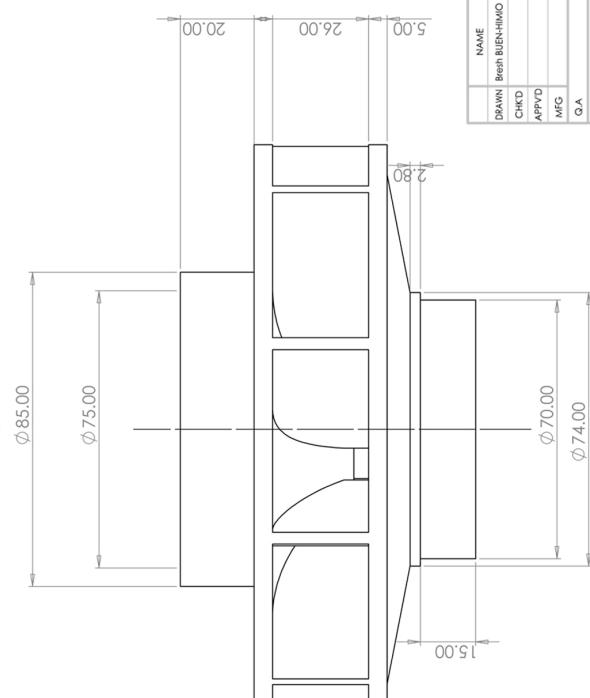
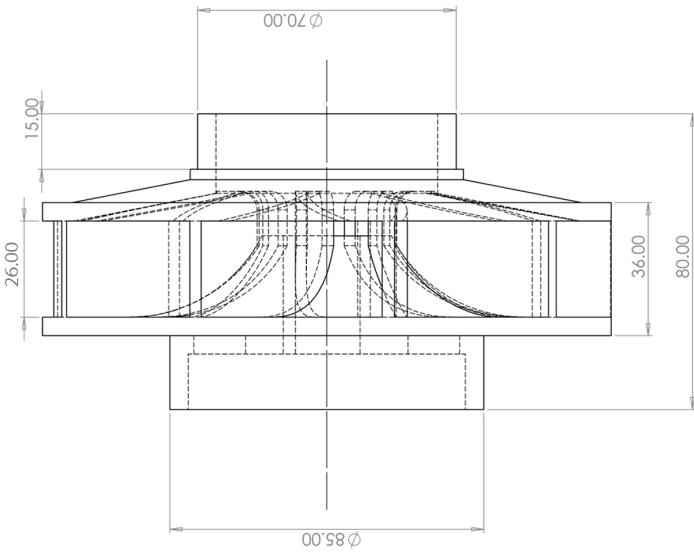
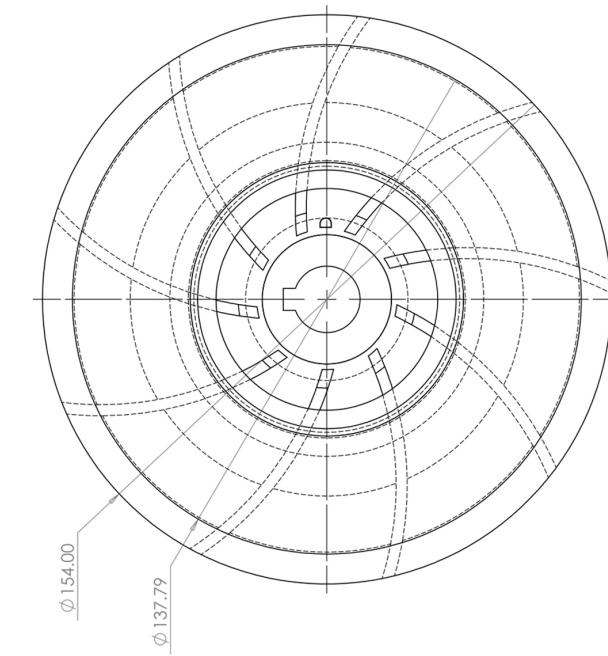
CENTRIFUGAL PUMP PROJECT



TITLE: BEARING HOUSE		
DWG NO. 3		
SCALE 1:2		
DRAWN Bach BIEN-HAMAO	NAME SIGNATURE	DATE
CHKD APV/D		
MFG		
QA		
MATERIAL:		
WEIGHT:		

SHEET 1 OF 1
A4

CENTRIFUGAL PUMP PROJECT



PUMP IMPELLER

NAME:	BRUNN BIENHAIMO	SIGNATURE:	DATE:
DRAWN:	Brin Biennaimo	CHKD:	
APPROV'D:		MFG:	
MFG:		Q.A.	
WEIGHT:			

Material:

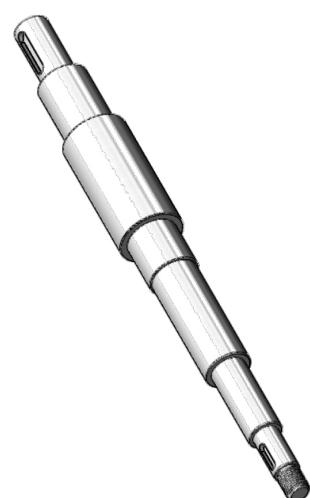
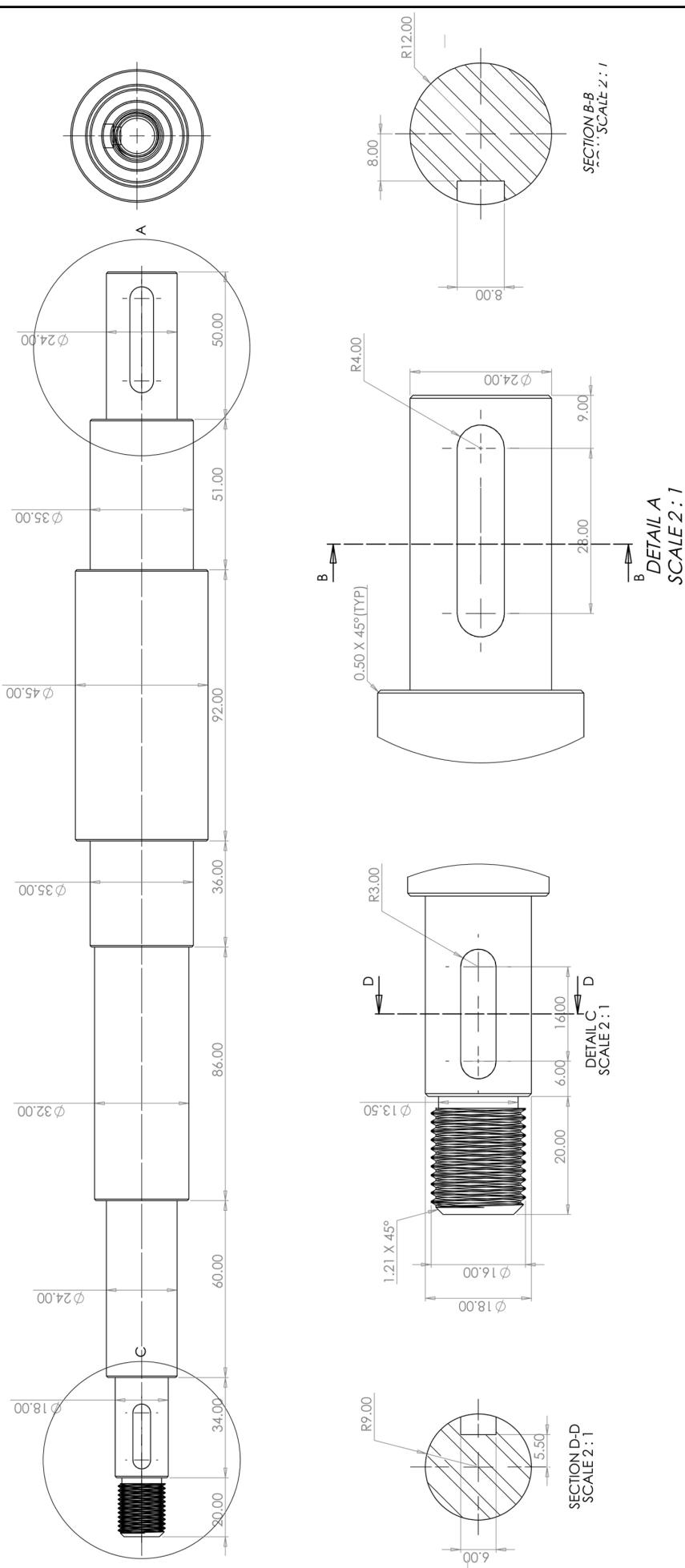
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SCALE: 1/2

Sheet 1 of 1

A2

CENTRIFUGAL PUMP PROJECT



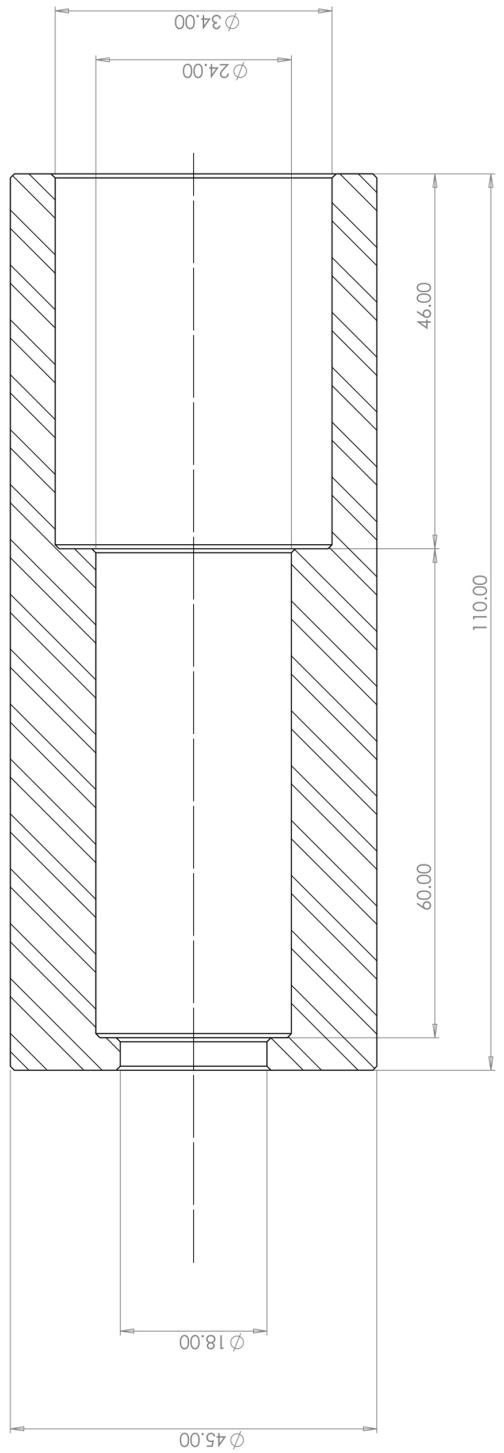
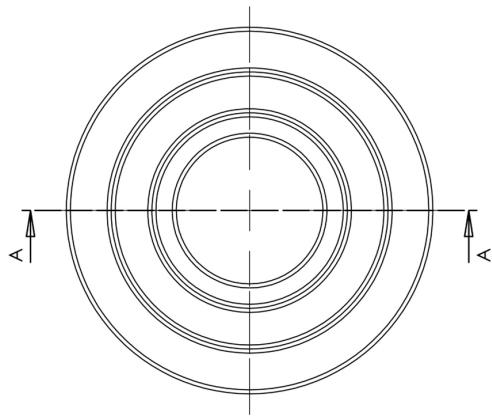
TITLE: SHAFT		
DRAWN By: BRIJESH KUMAR	SIGNATURE	DATE
CHKD		
APVVD		
MFG		
QA		
MATERIAL:		
DWG NO.:		
SCALE: 1:5	SCALE: 1:5	SCALE: 1:1
WEIGHT:		

A4

5

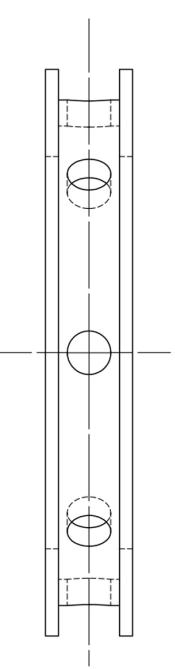
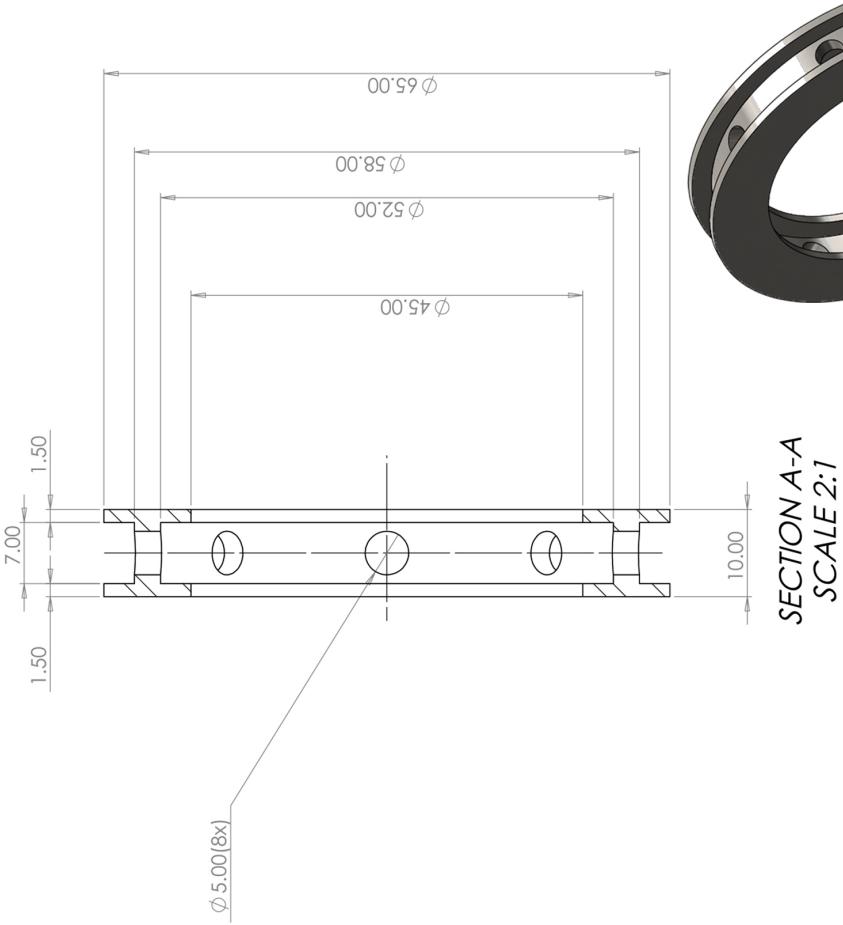
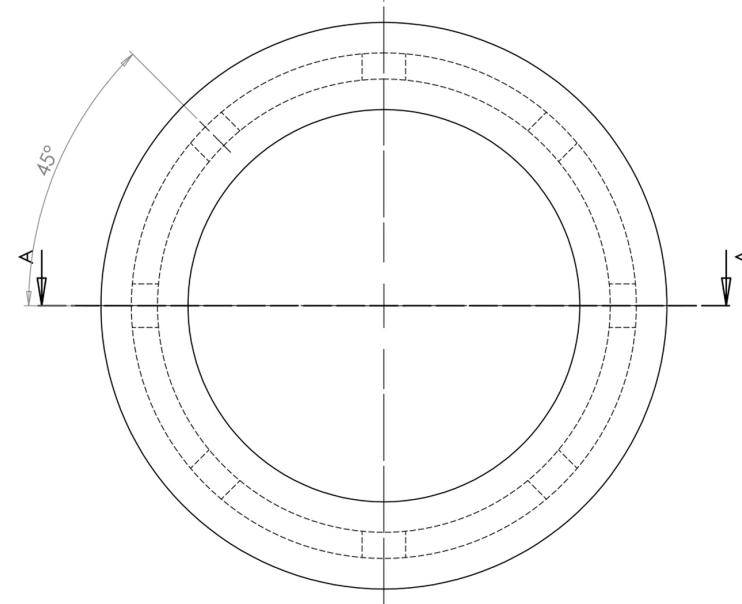
SHEET 1 OF 1

CENTRIFUGAL PUMP PROJECT



TITLE: SEAL CHAMBER		
DRAWN: Brush BURNHAMO	SIGNATURE	DATE
CHKD: APVYD		
MFG:		
QA:		
		MATERIAL:
		DWG NO.
		6
		SCALE:2:1
		WEIGHT:
		SHEET 1 OF 1
		A4

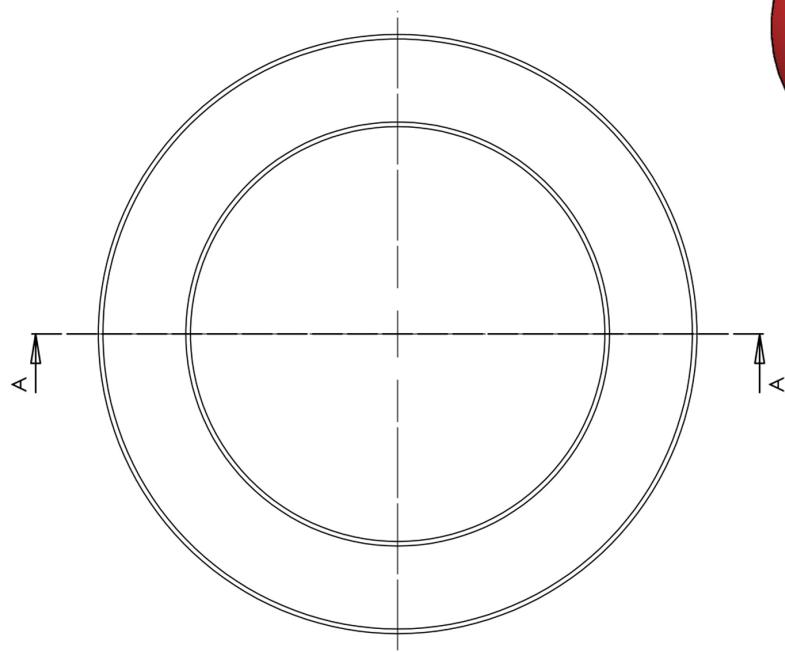
CENTRIFUGAL PUMP PROJECT



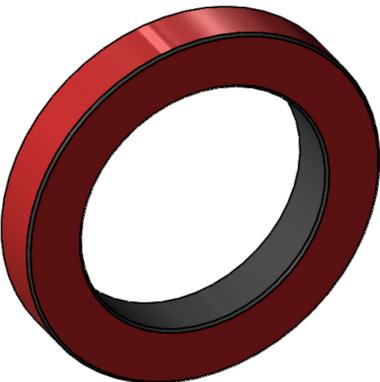
PUMP LANTERN
RING

NAME:	Berni BURHMO	SIGNATURE:	DATE:	TITLE:
CHKD:				
APPROV'D:				
MFG:				DWG NO.
Q.A:				7
				MATERIAL:
				WEIGHT:
				SCALE(Z):
				SHEET 1 OF 1
				A4

CENTRIFUGAL PUMP PROJECT



SECTION A-A
SCLAE 2:1



PUMP PACKING
SET

TITLE:

PUMP PACKING

SET

SCLAE 2:1

SCALE(Z):

1:1

WEIGHT:

0.500

MATERIAL:

BRONZE

Q.A:

OK

MFG:

OK

APP'D:

OK

CHK'D:

OK

DRAWN:

BRIAN BIEHN-HAMO

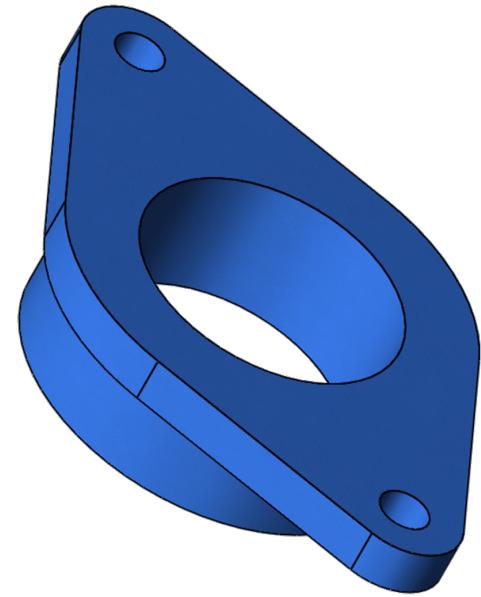
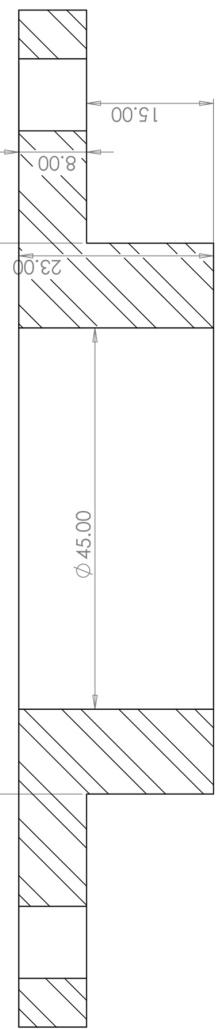
DATE:

01/01/2024

SHEET 1 OF 1

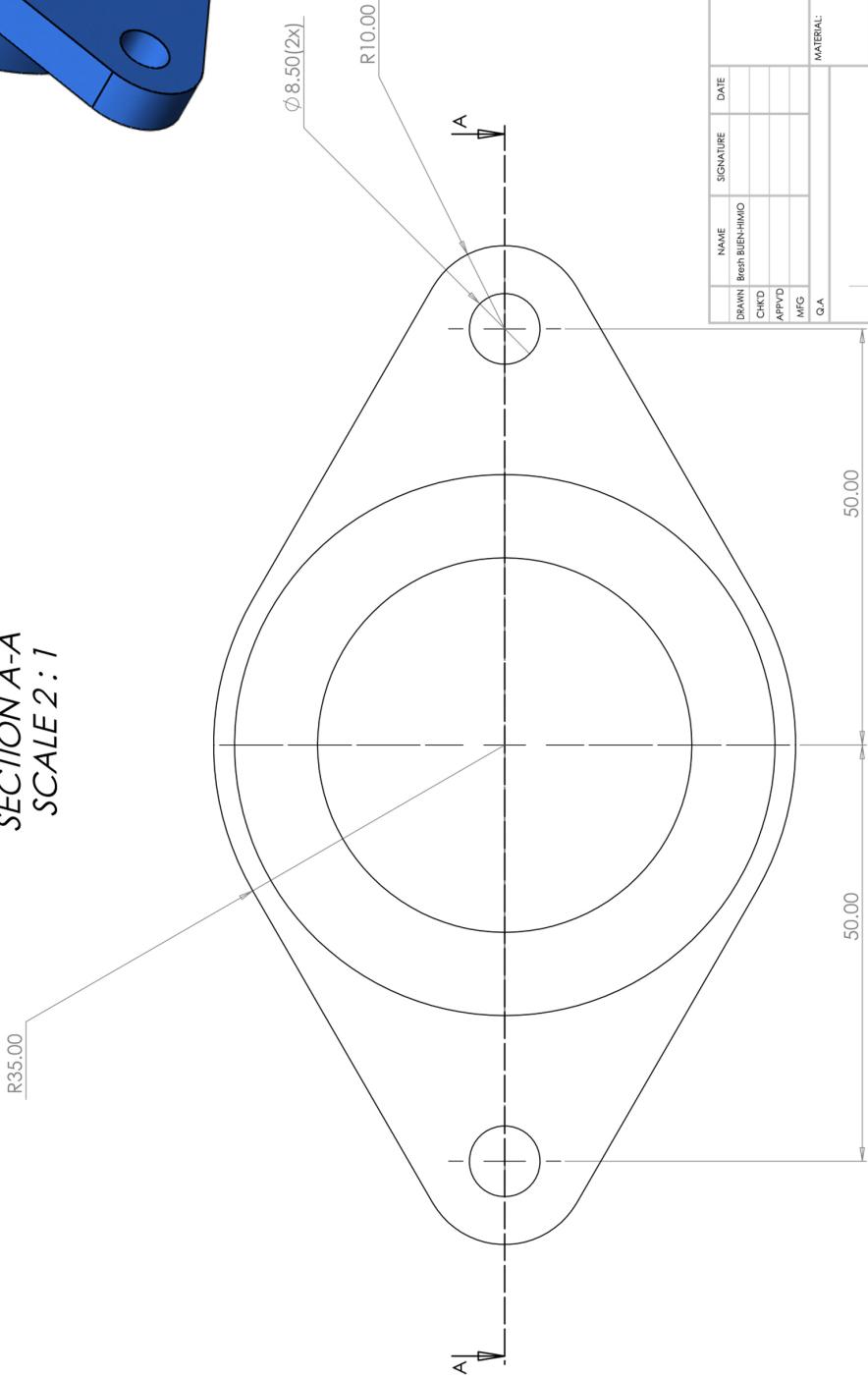
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CENTRIFUGAL PUMP PROJECT



SECTION A-A
SCALE 2:1

R35.00



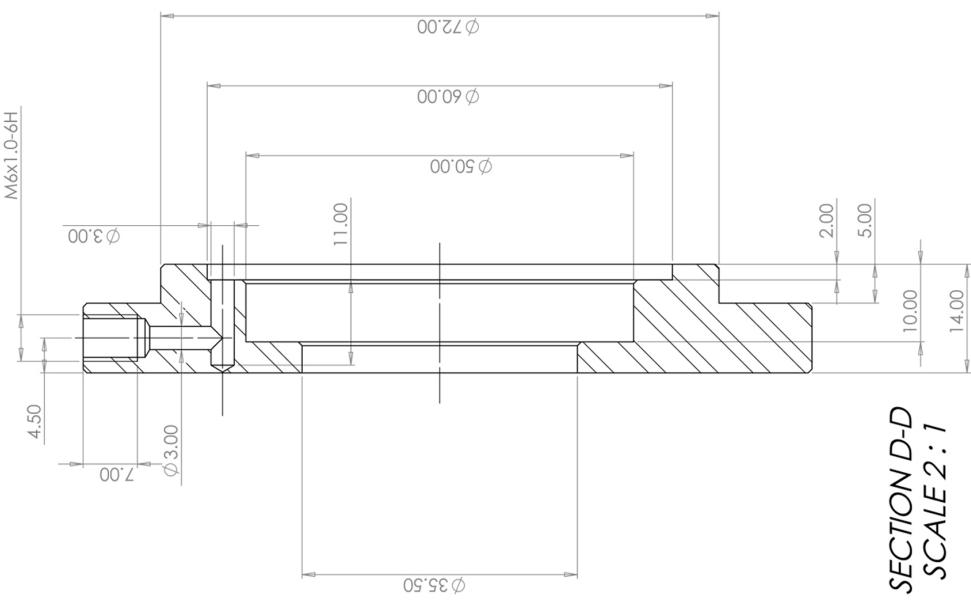
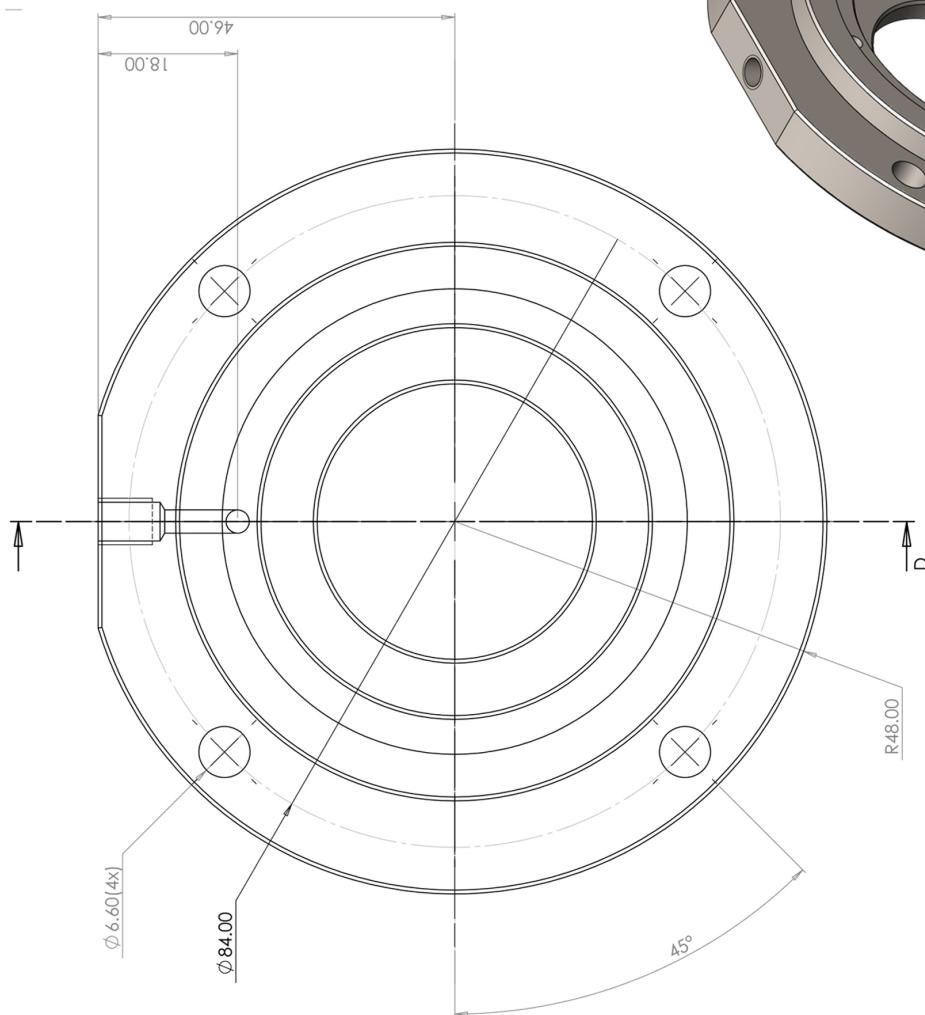
PUMP PACKING
GLAND

DRAWN:	Brett BURHILL-JAO	SIGNATURE	DATE	TITLE:
CHKD:				
APV'D:				
MFG:				
Q.A:				
MATERIAL:				
DWG NO.				
SCALE:	1:1			
W.R.G.H.:				

9 A2

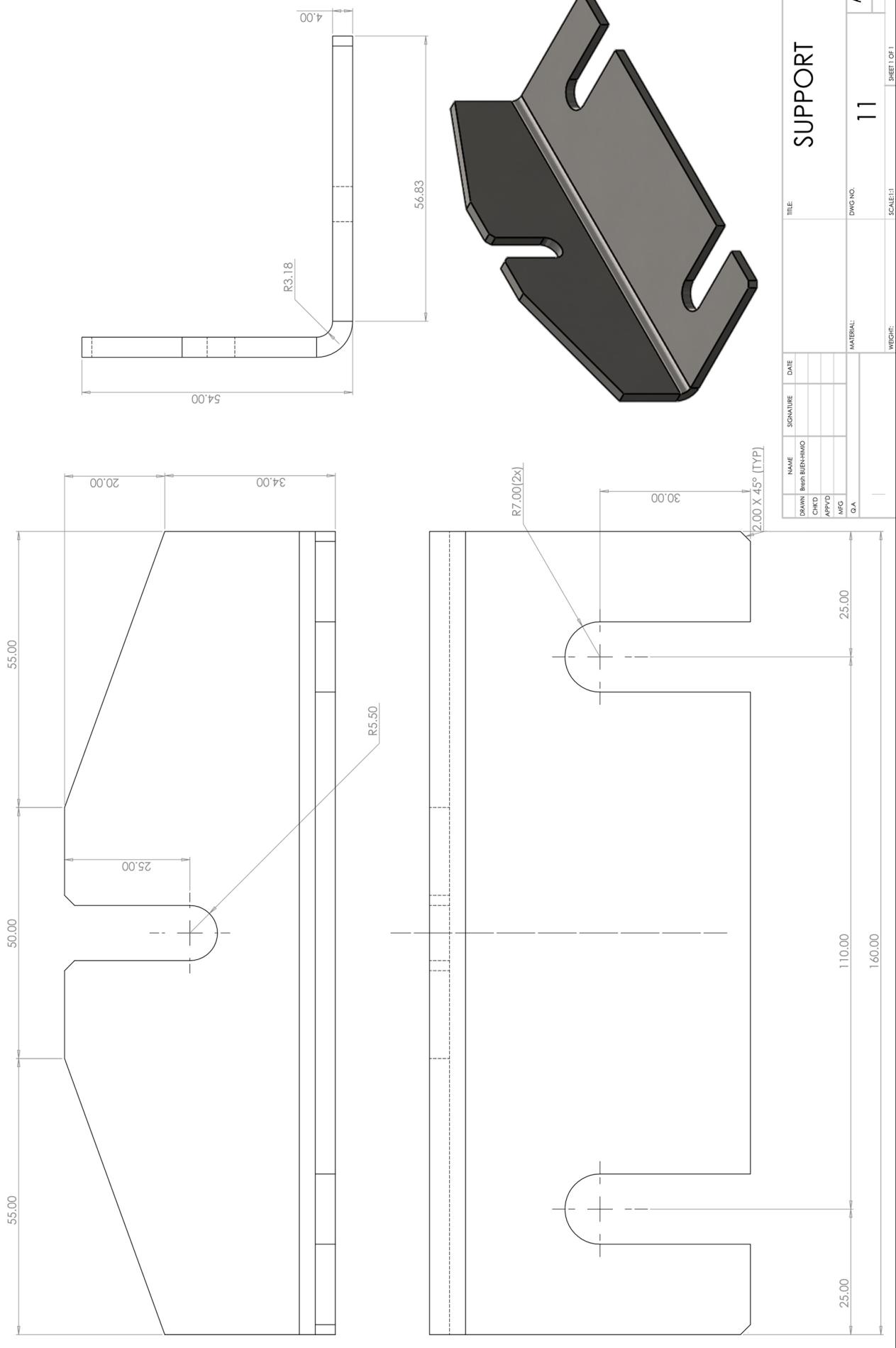
SHEET 1 OF 1

CENTRIFUGAL PUMP PROJECT

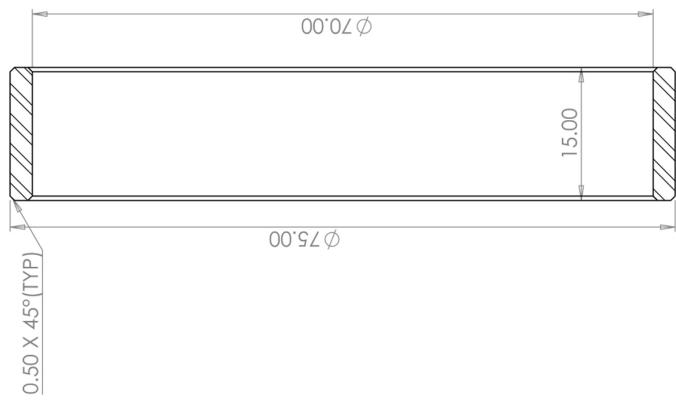
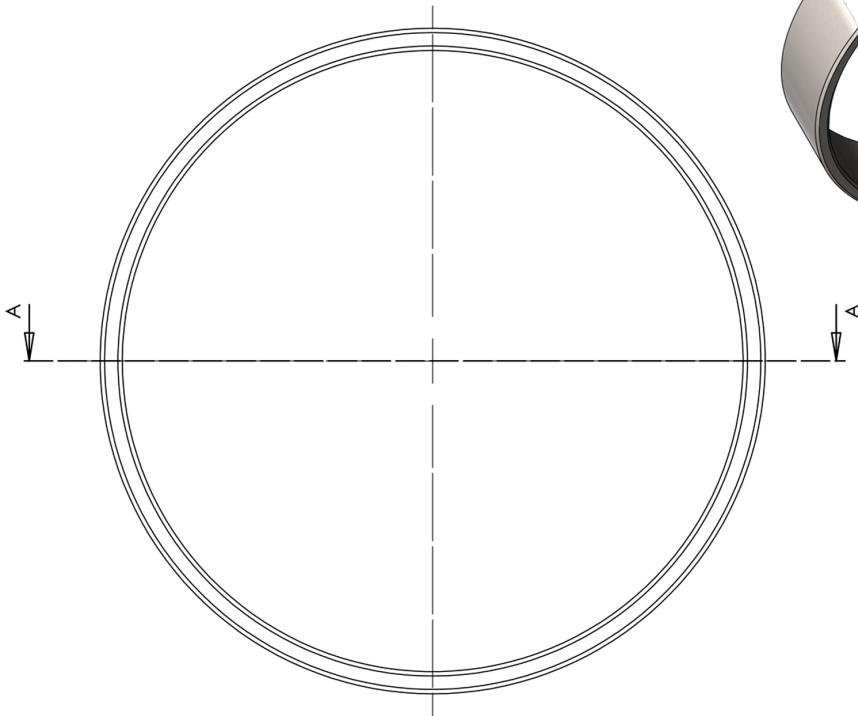


TITLE: BEARING COVER		
DRAWN:	Beeth BURHIMMO	SIGNATURE
CHKD:		DATE
APPROD:		
MFG:		
Q.A.		
MATERIAL:		
WEIGHT:		
SCALE:	1:1	
SHEET NO.:	10	A4

CENTRIFUGAL PUMP PROJECT



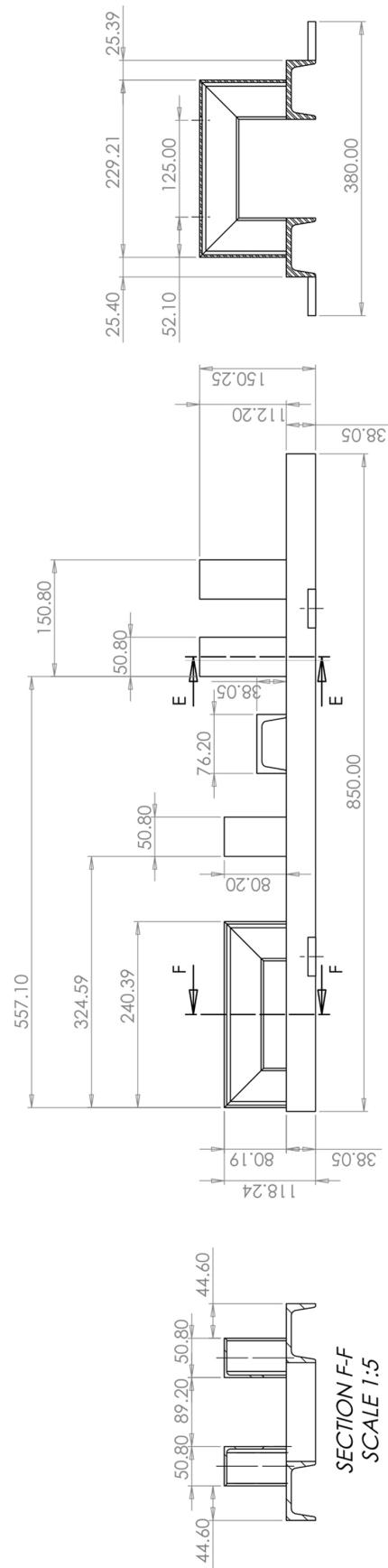
CENTRIFUGAL PUMP PROJECT



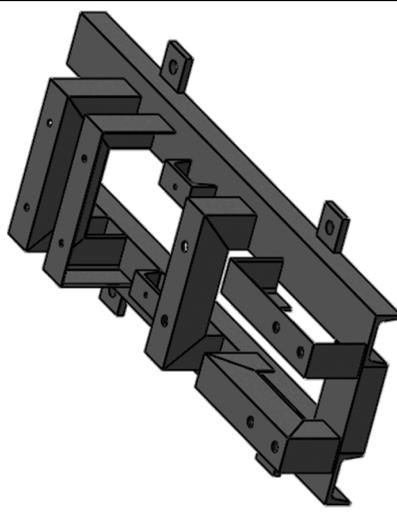
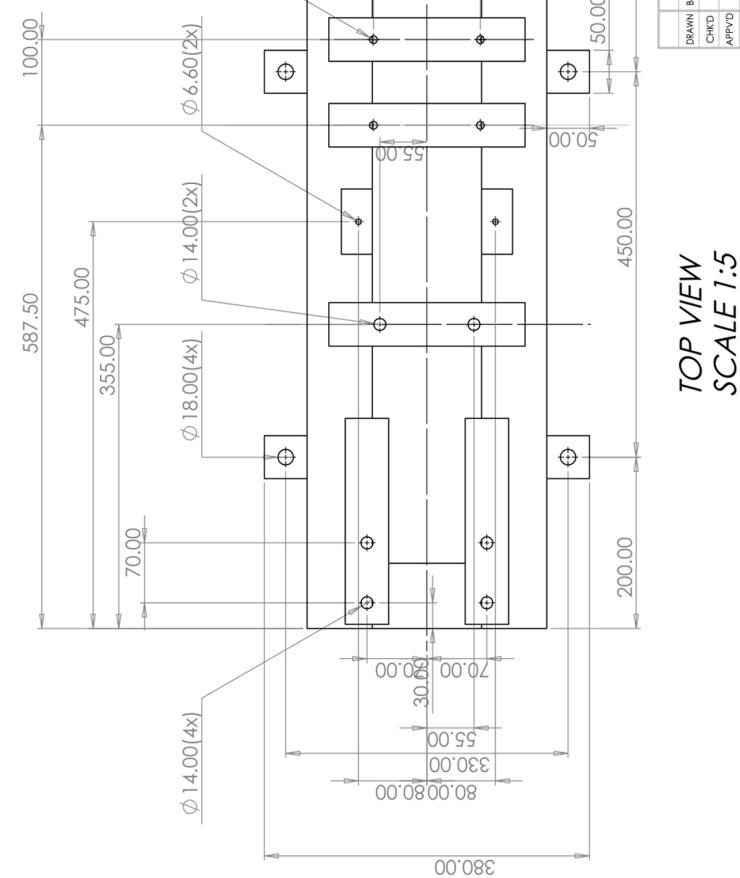
SECTION A-A
SCALE 1:2

DRAWN BY:	BRONN BURN-HIMO	SIGNATURE:	DATE:	TIME:	WEAR RING
CH'D					
APV'D					
MFG					
Q.A.					
					MATERIAL:
					DWG NO.:
					12
					SCALE:
					1:2
					WEIGHT:
					SCHEM:
					1
					SHEET OF 1

CENTRIFUGAL PUMP PROJECT



SECTION E-E
SCALE 1:5



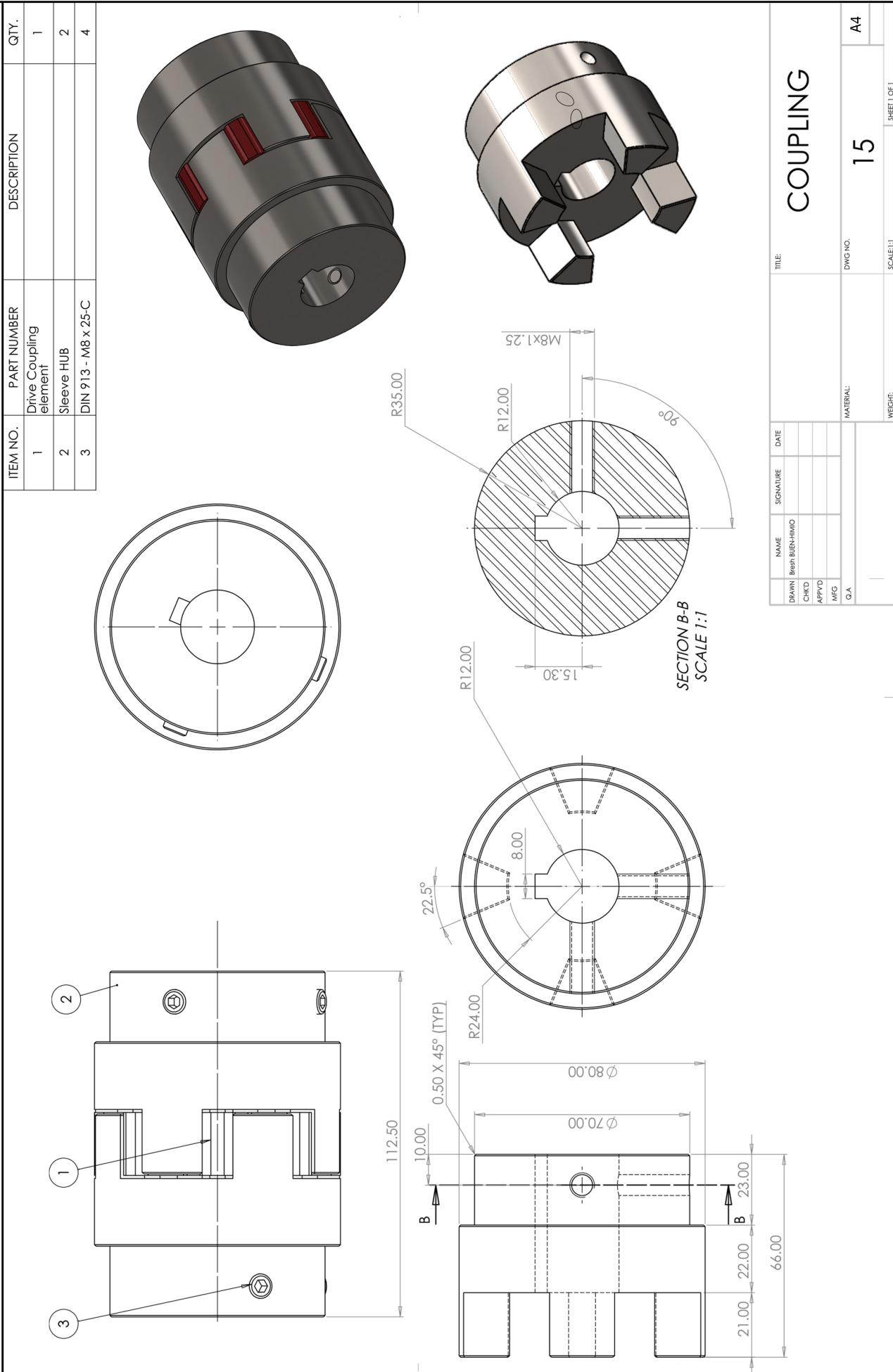
PUMP BASE

TITLE			
NAME	SIGNATURE	DATE	
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CHKD:			
APV'D:			
MFG:			
Q.A:			
MATERIAL:			
WEIGHT:			
DWG NO.			
SCALE 1:5			
SHEET 1 OF 1			

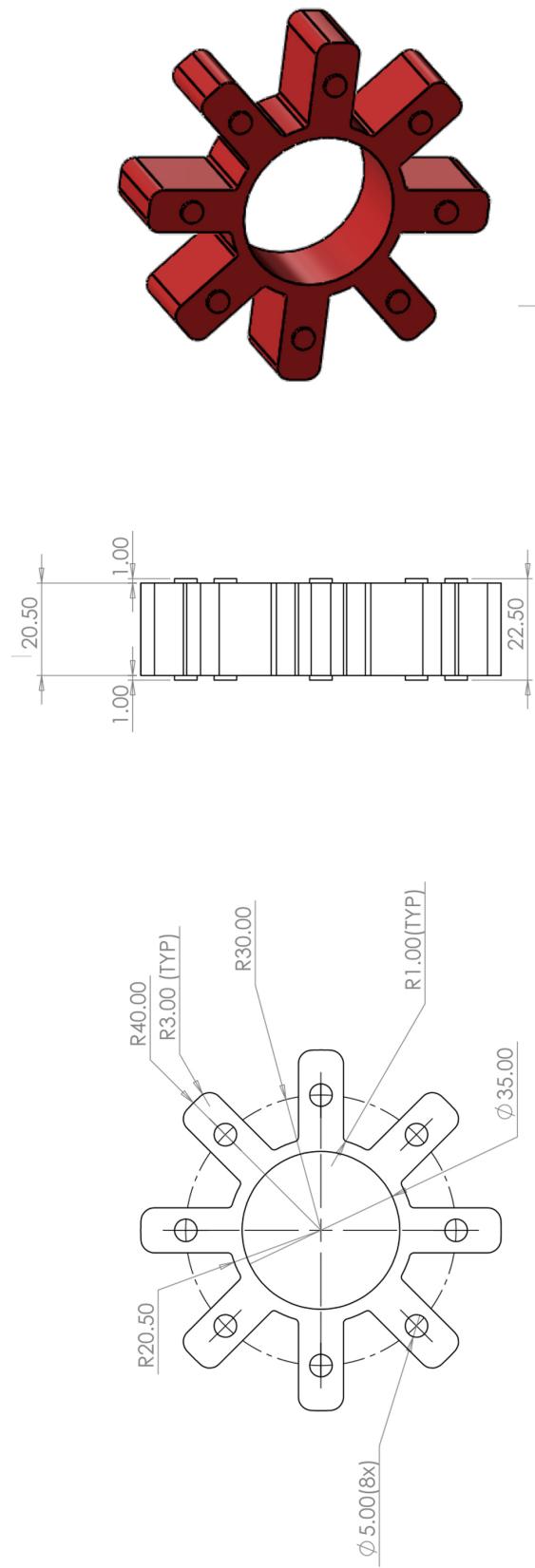
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CENTRIFUGAL PUMP PROJECT

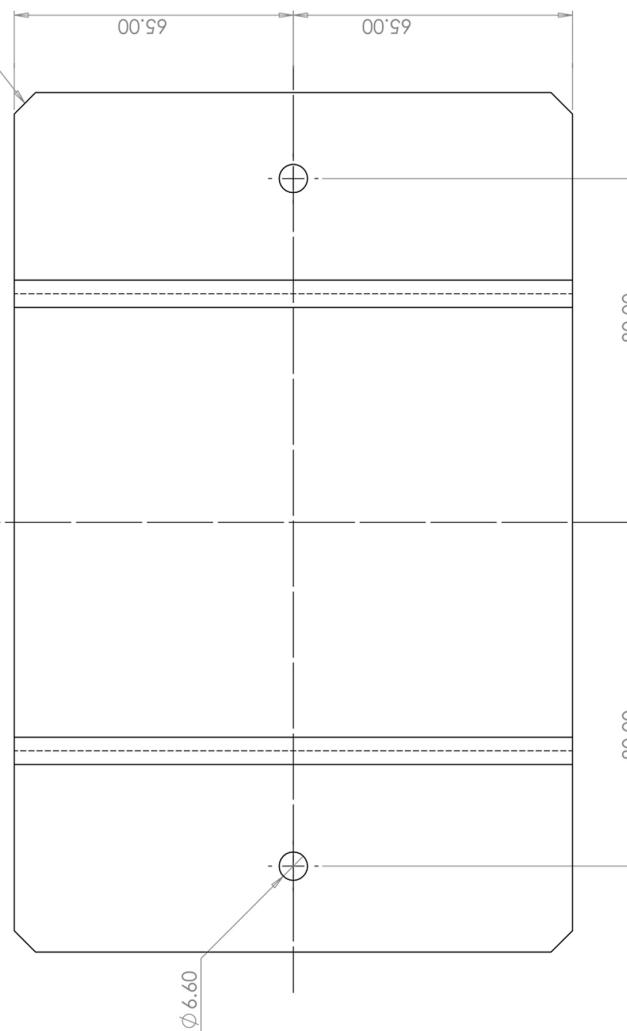
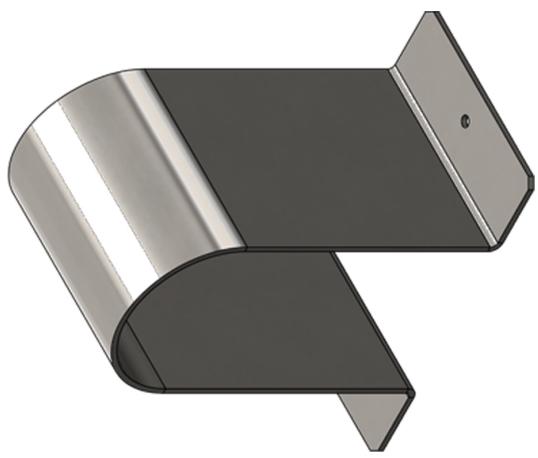
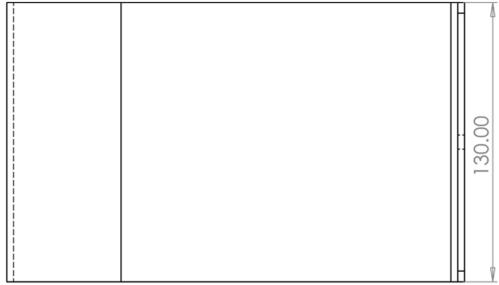
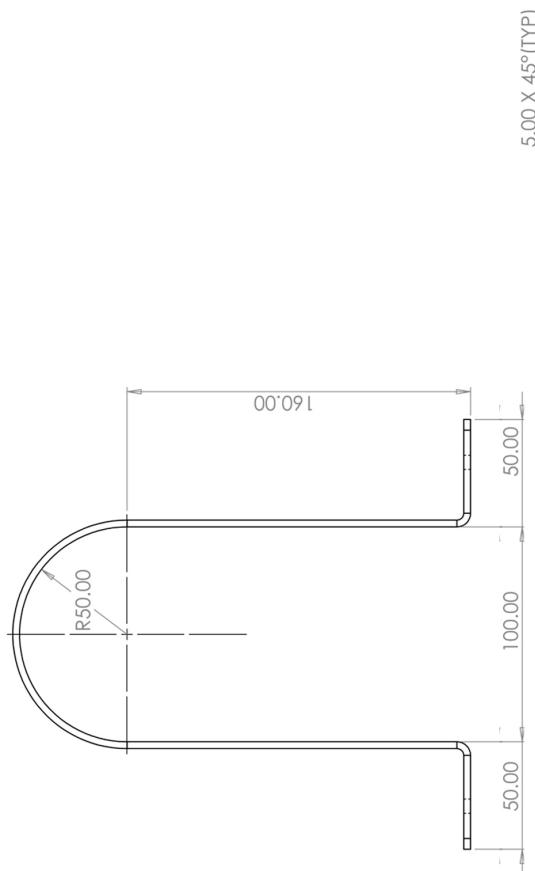


CENTRIFUGAL PUMP PROJECT



DRAWN:	NAME Brijesh Bihari	SIGNATURE	DATE	TITLE
CHKD				
APPROD				
MFG				
Q.A				
				MATERIAL:
				DWG NO.
				15
				SCALE: 1:1
				WEIGHT:
				A4
				SHEET 1 OF 1

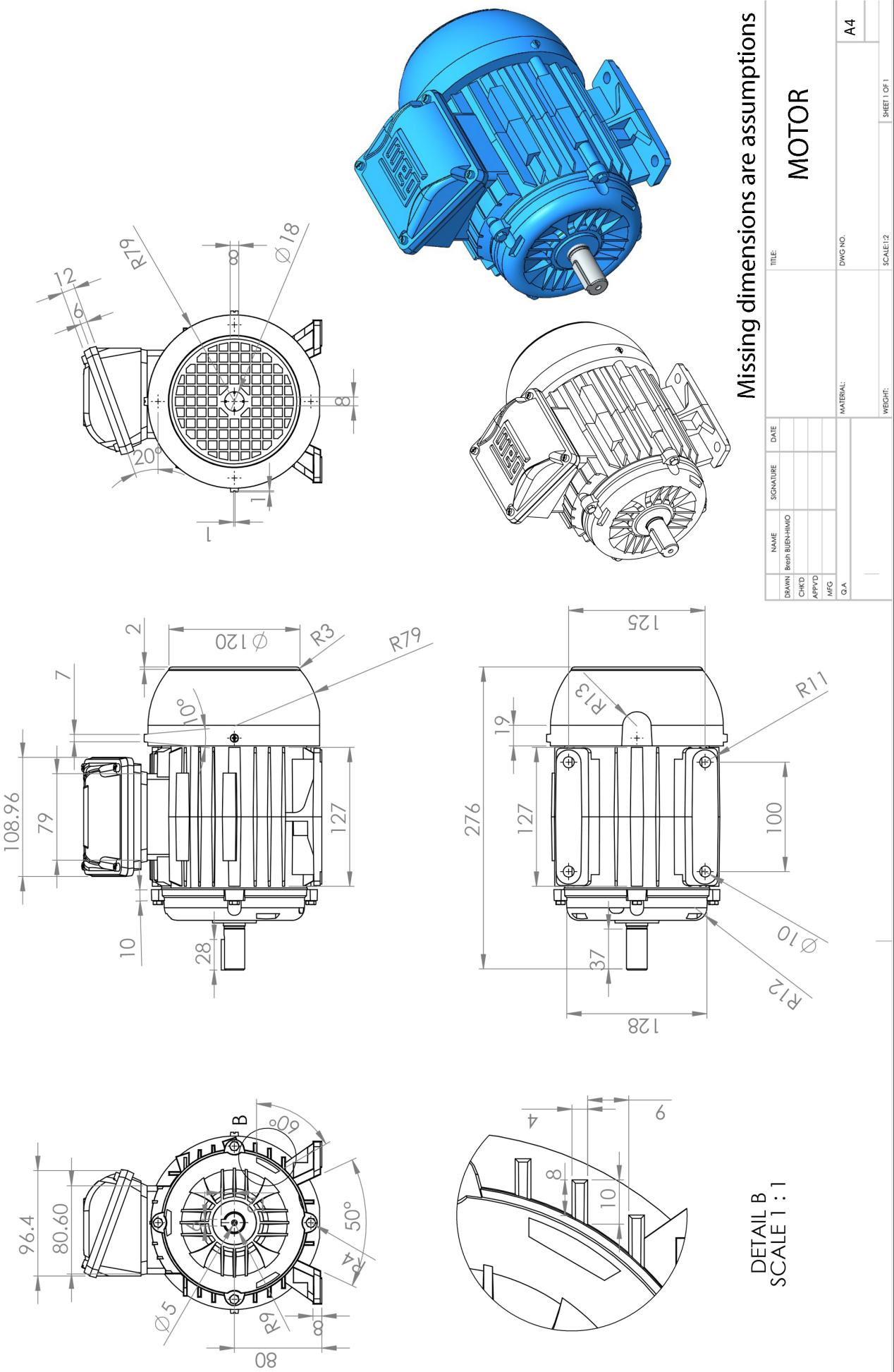
CENTRIFUGAL PUMP PROJECT

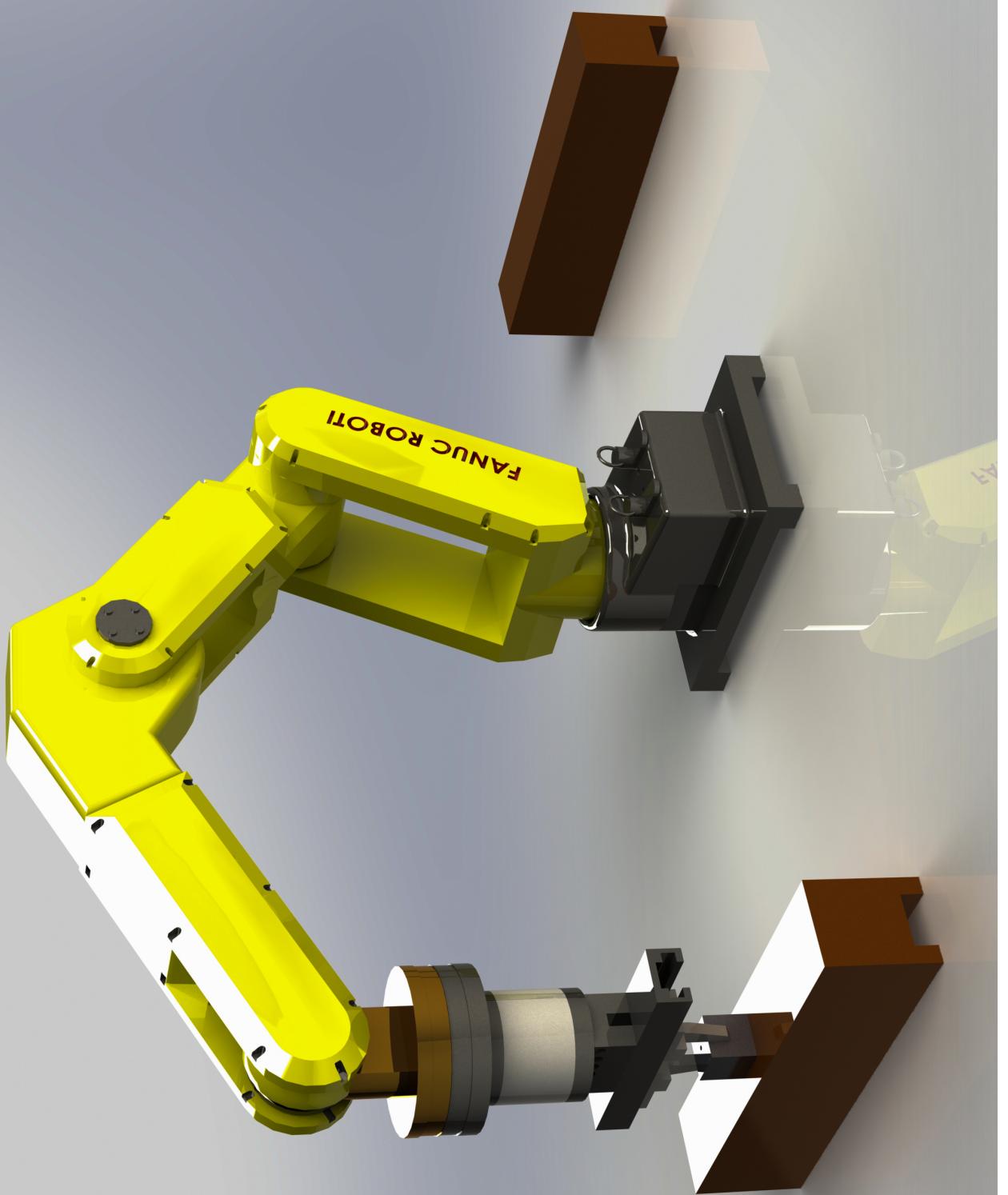


NAME:	Brian BUREH-MMO	SIGNATURE:	DATE:	TITLE:
CHKD				
APVVD				
MFG				DWG NO.:
QA				16
				SCALE 1:2
				WEIGHT:
				Sheet 1 of 1

A4

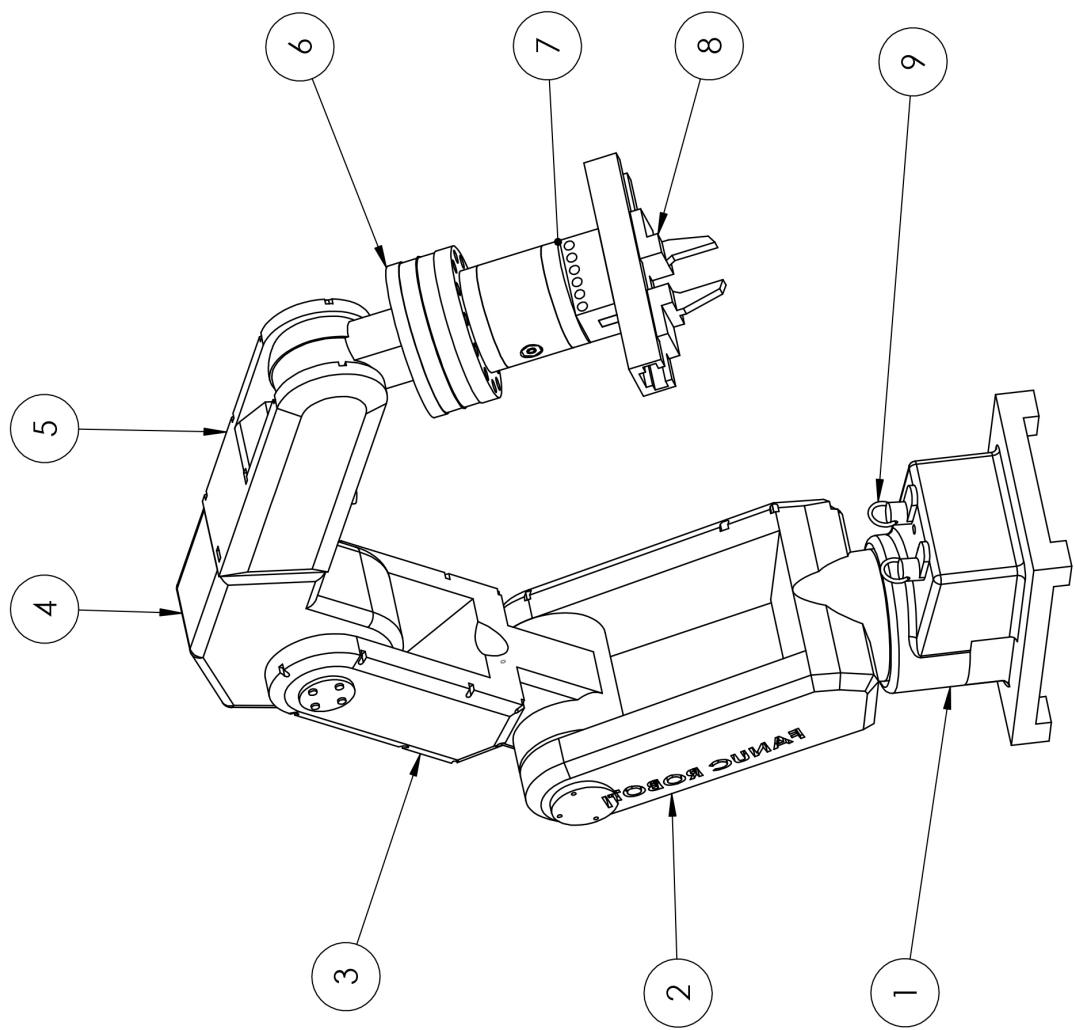
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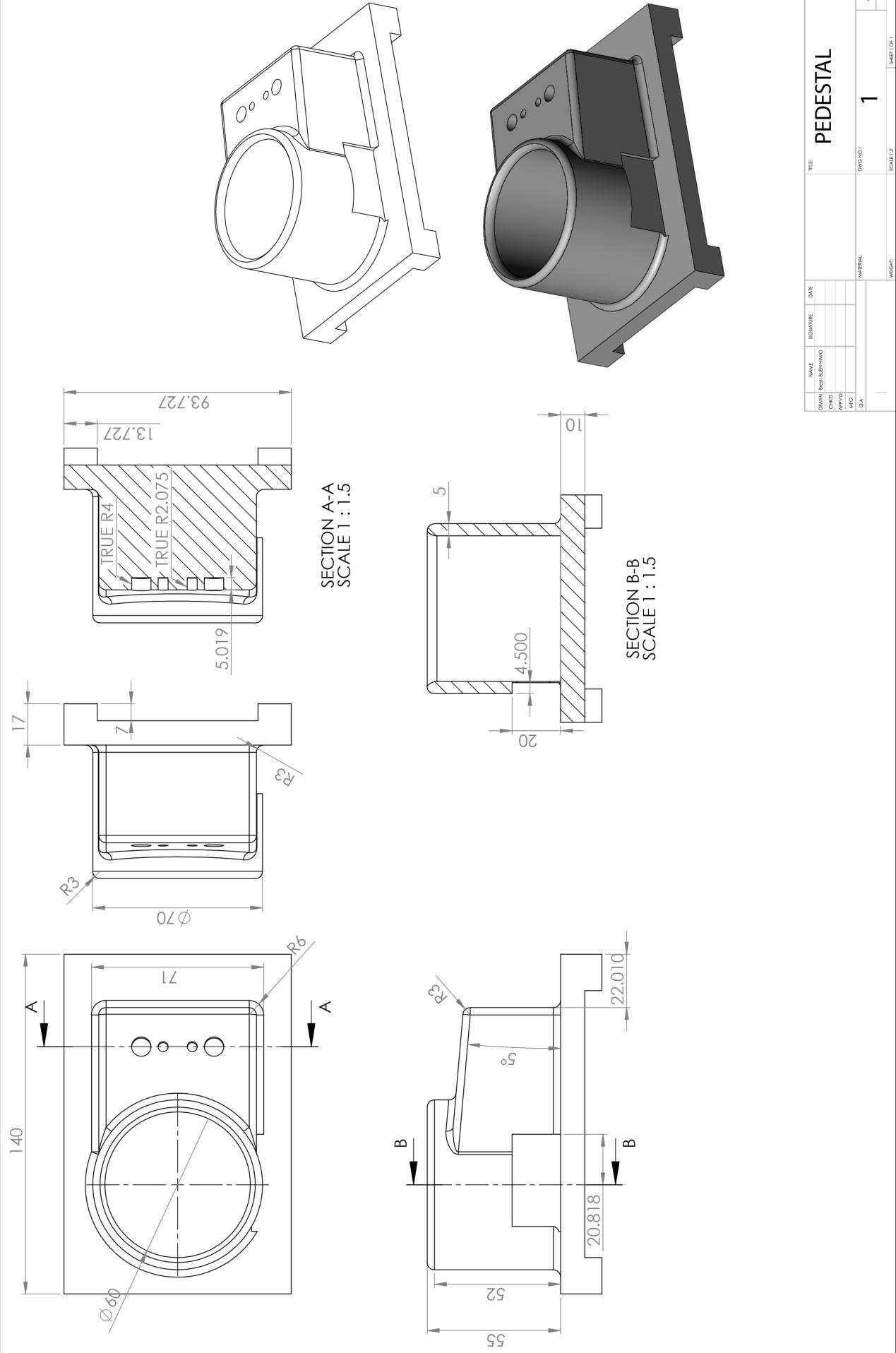


ROBOTIC ARM PROJECT

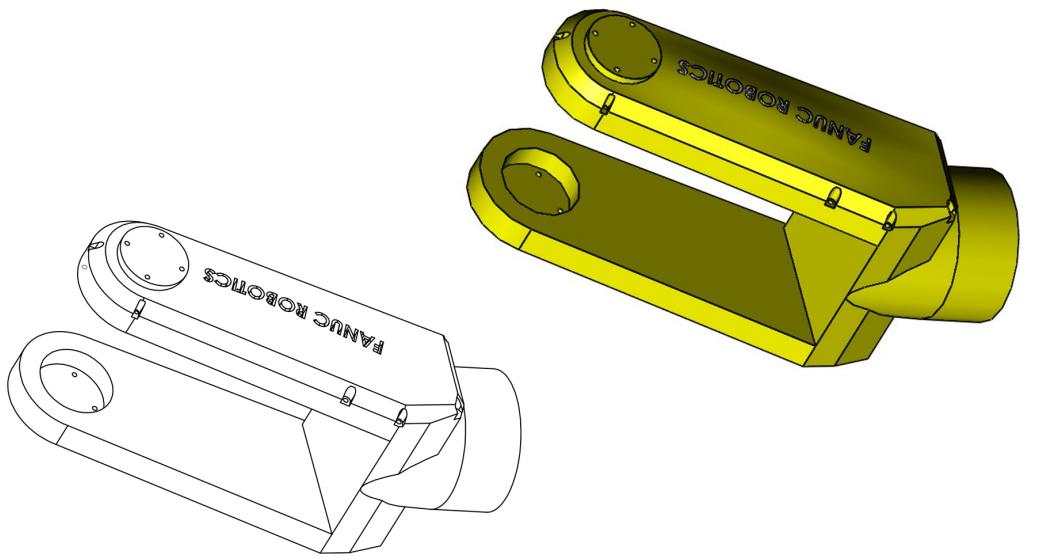
ITEM NO.	PART NUMBER	QTY.
1	Pedestal	1
2	Big arm	1
3	Upper arm	1
4	Support arm	1
5	Lower arm	1
6	Wrist body	1
7	Wrist	1
8	Gripper	2
9	Pin	2



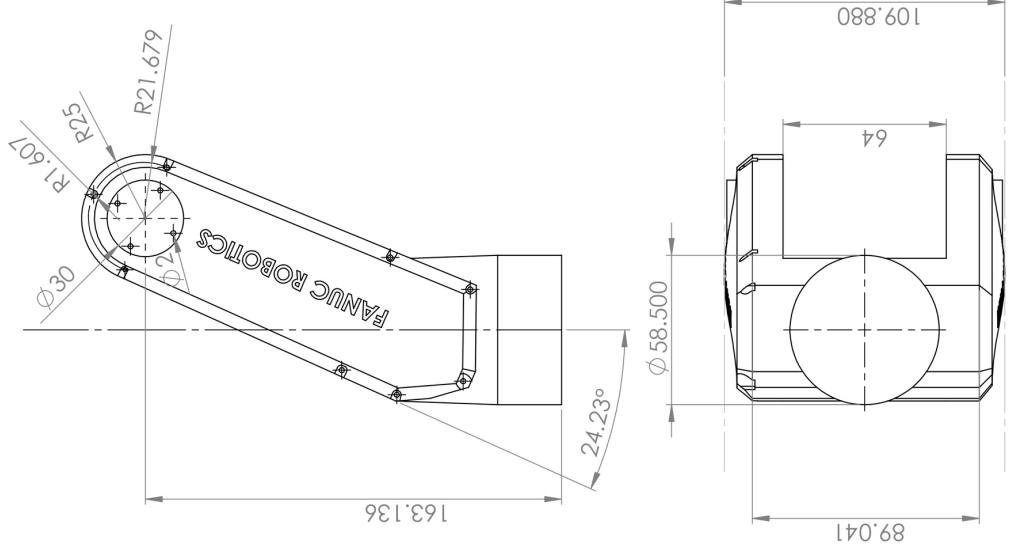
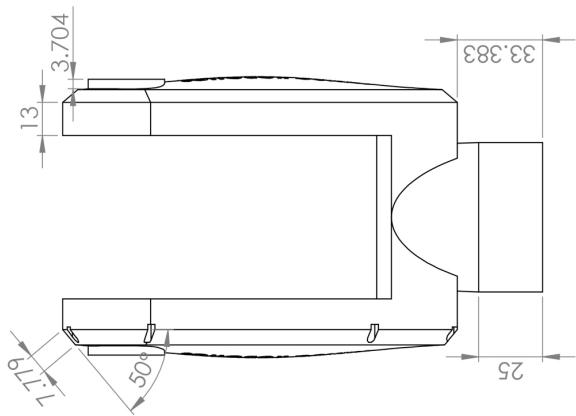
ROBOTIC ARM PROJECT



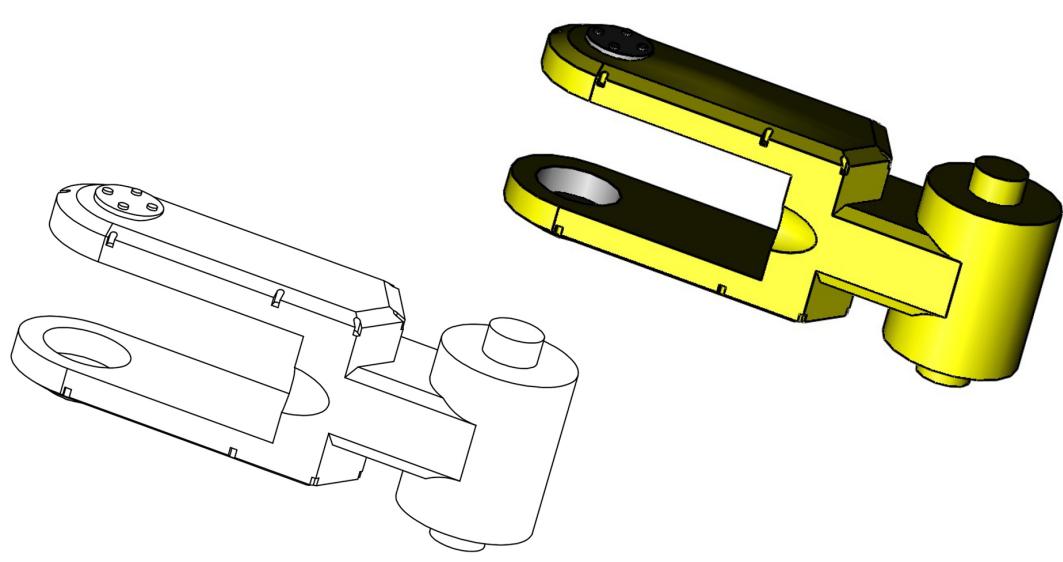
ROBOTIC ARM PROJECT



BIG ARM	
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SCANNER:	None
DATE:	None
FILE:	None
DWG NO.:	2
MATERIAL:	None
Q.A.	None
SCALE:	1:2
WEIGHT:	None



ROBOTIC ARM PROJECT



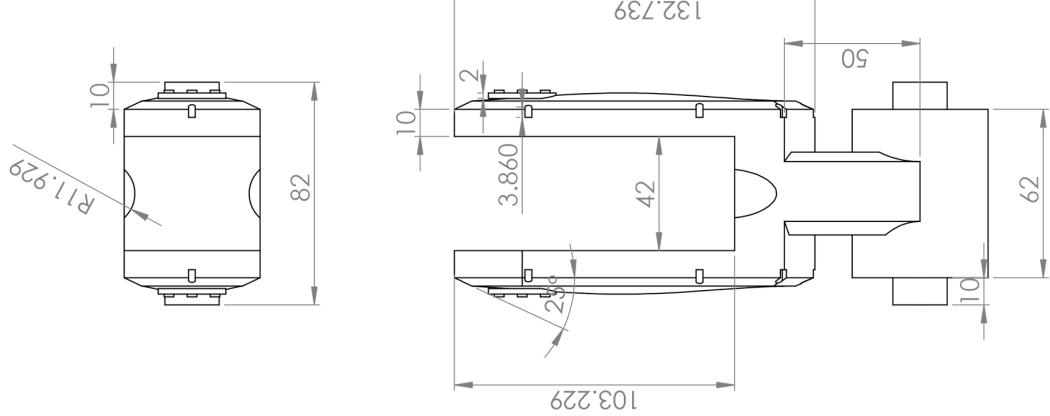
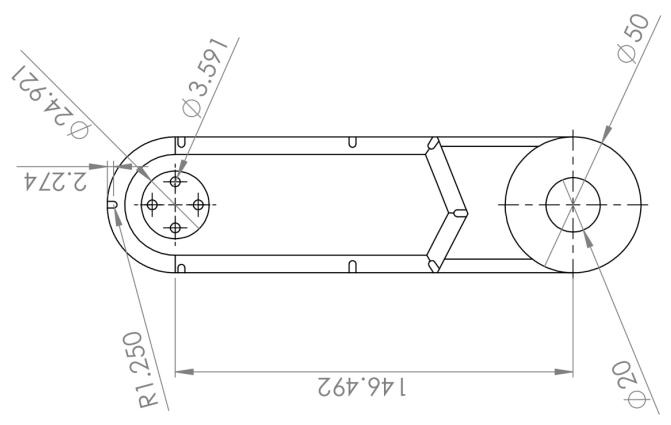
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CAD:					
APP'D:					
MFG:					
G.A.					

UPPER ARM

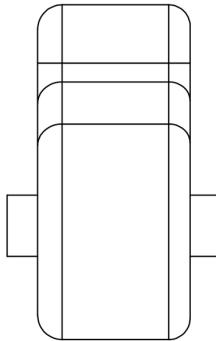
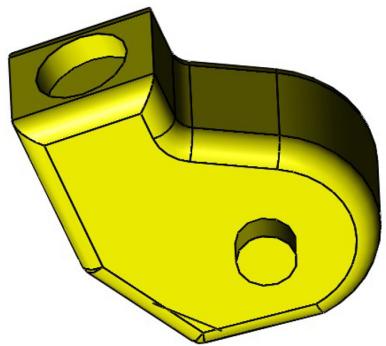
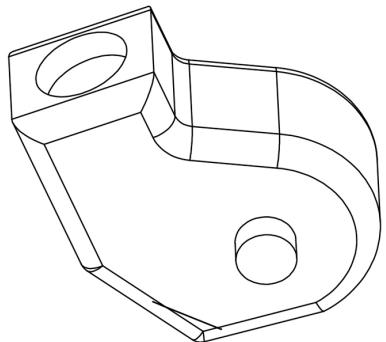
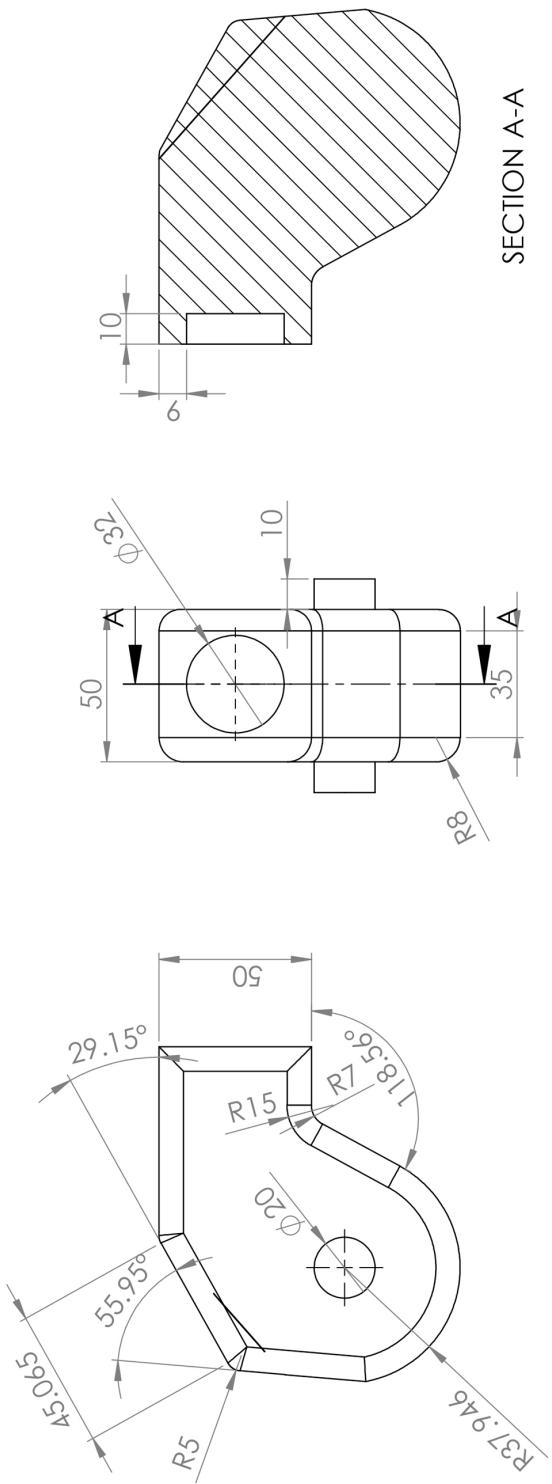
3

A2

Sheet 1 of 1



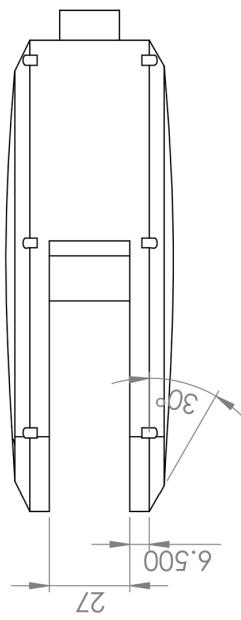
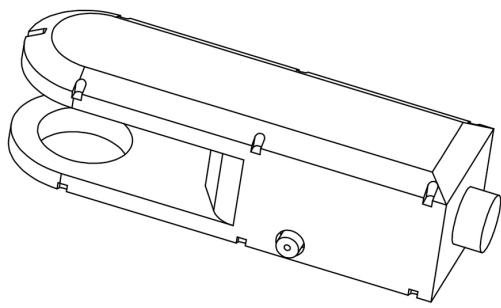
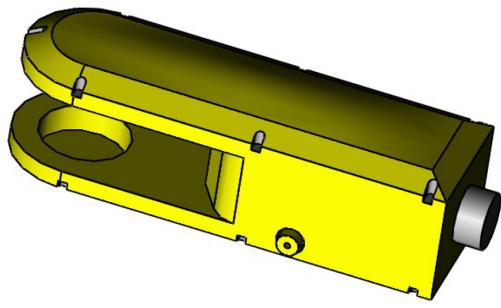
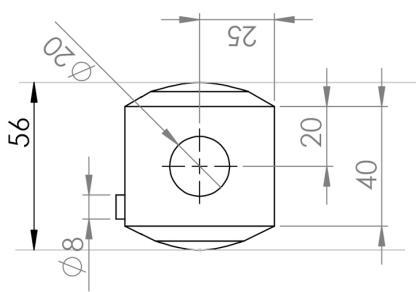
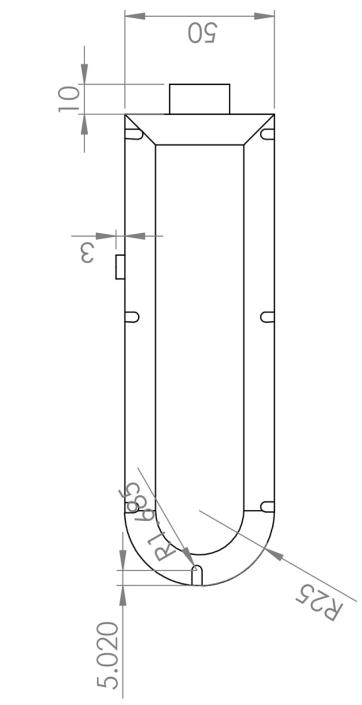
ROBOTIC ARM PROJECT



TITLE:		SUPPORT ARM	
DRAWN BY:	REVISER:	DATE:	
CHECKED:	APPROVED:	DESIGN NO.:	
MATERIAL:		SCALE:	1:2
		WEIGHT:	

4 A2
Sheet 1 of 1

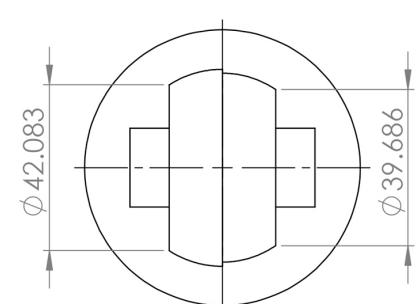
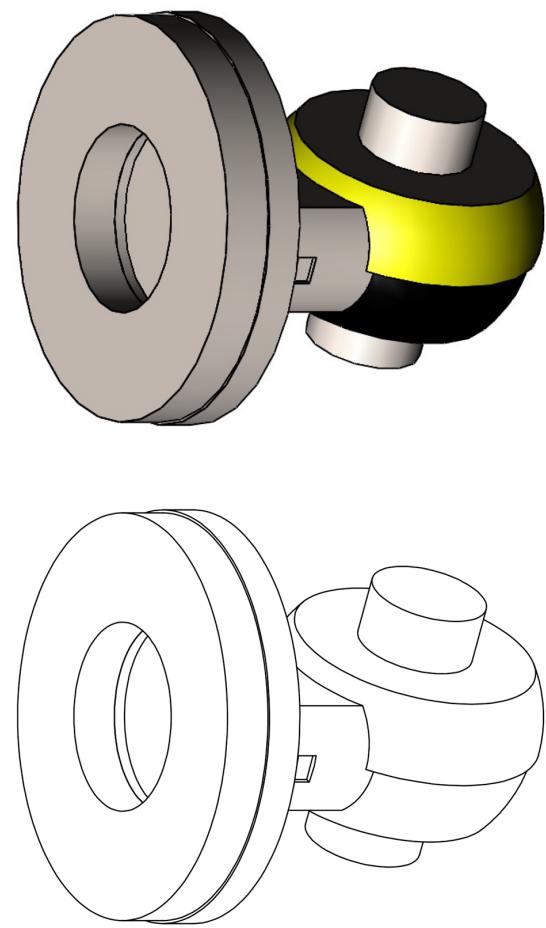
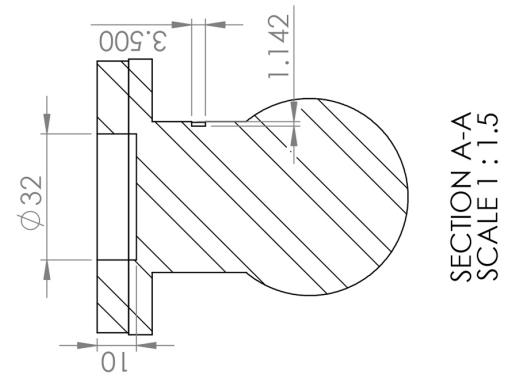
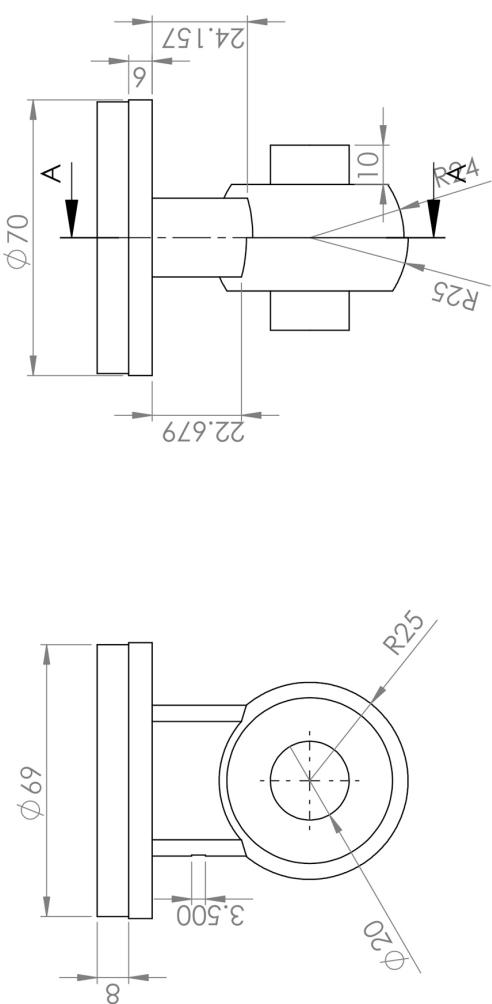
ROBOTIC ARM PROJECT



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CHECKED: <input type="checkbox"/>	PRINTED: <input type="checkbox"/>	FILED: <input type="checkbox"/>	STORIED: <input type="checkbox"/>
MFG: <input type="checkbox"/>	Q.A: <input type="checkbox"/>		
DRAWING NO.: 5		SCALE: 1:2	WEIGHT:
			Sheet 1 of 1
			A2

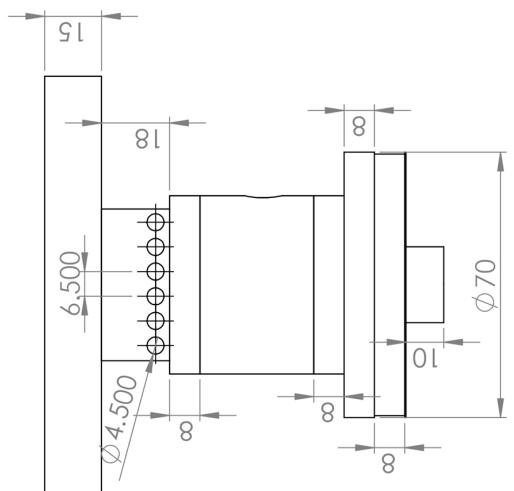
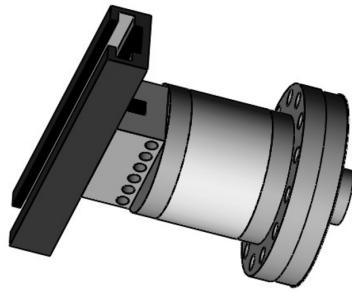
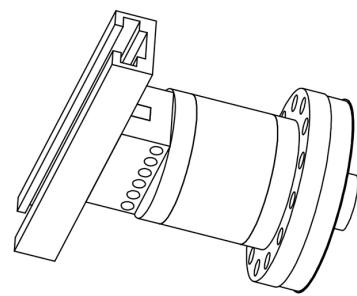
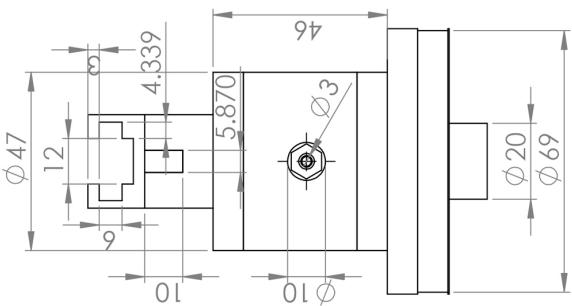
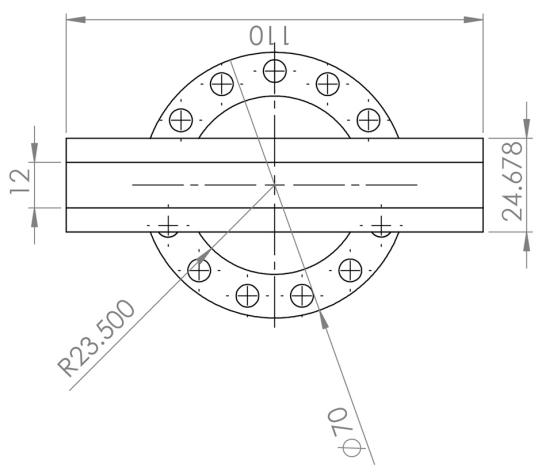
LOWER ARM

ROBOTIC ARM PROJECT



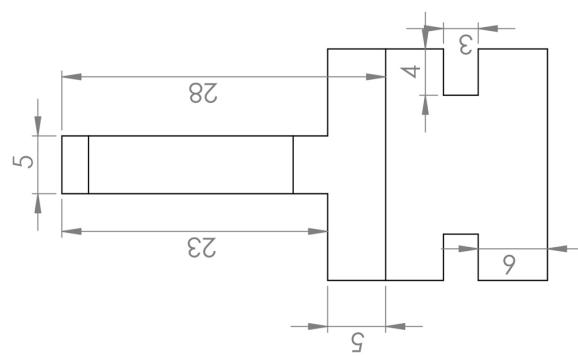
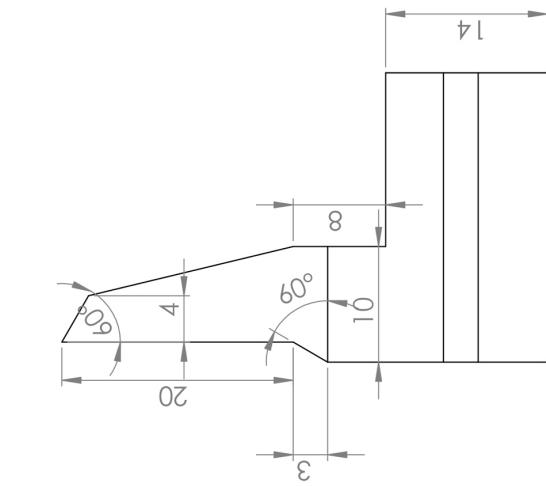
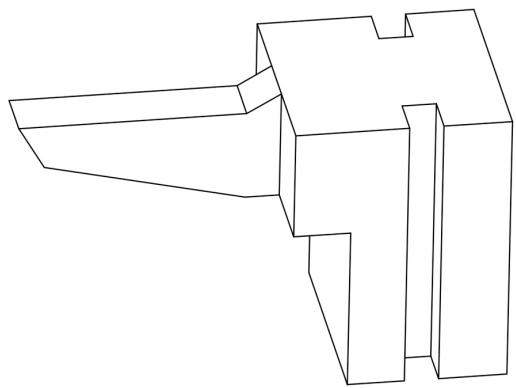
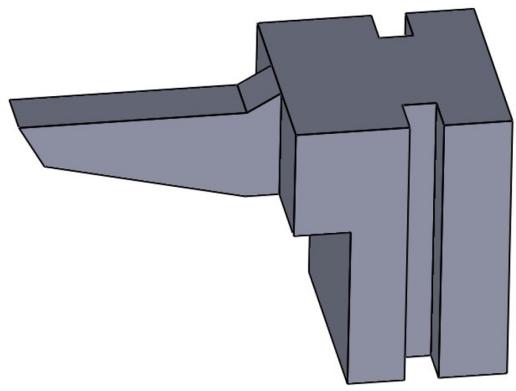
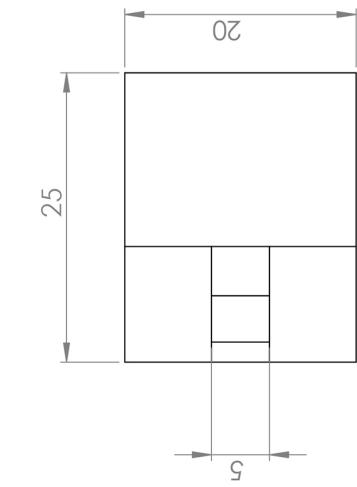
Wrist Body		
Drawn By:	Date:	Time:
Check By:	Scanned By:	
Approved:	Material:	Drawing No.:
Mfg:		
G.A.		
		Sheet 1 of 1
	SCALE 1:2	Wrist Body
	6	A2

ROBOTIC ARM PROJECT



Wrist			
NAME:	Wrist	SCANNING:	DATE:
DOWN:	Front Bottom View	CARD:	
UP:		APP'D:	
MFG:		G.A:	
DESIGN NO.:	7	SCALE:	A2
WEIGHT:			
W.C.R.:			

ROBOTIC ARM PROJECT



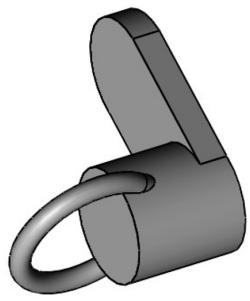
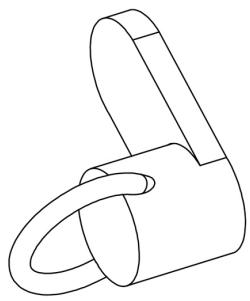
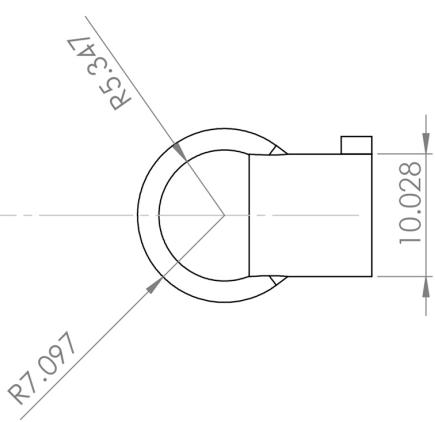
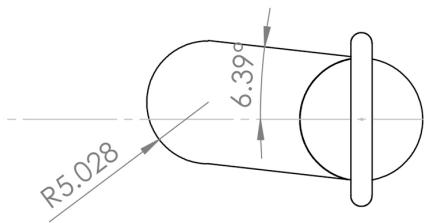
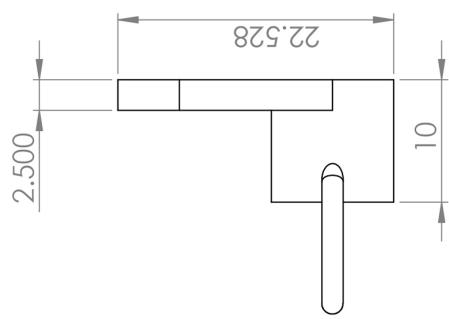
NAME:	SCANNING:	DATE:	TIME:
DRAWN: <i>Deep Raja-Hanoo</i>	APPROVED:		
CHECKED:	MADE:		
MFG:	DESIGN NO.:		
G.A.	SCALE 1/2		
	WEIGHT:		

GRIPPER

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Sheet 1 of 1

ROBOTIC ARM PROJECT



Drawn By:	Shrey Bhatnagar	Scanned By:	Date:	Time:	PIN:
CARD:					9
APP'D:					A2
MFG:					
G.A:					
MATERIAL:					
DWG NO.:					
W.C.R.:					
SCALE:					
W.D.C.:					
Sheet 1 of 1					