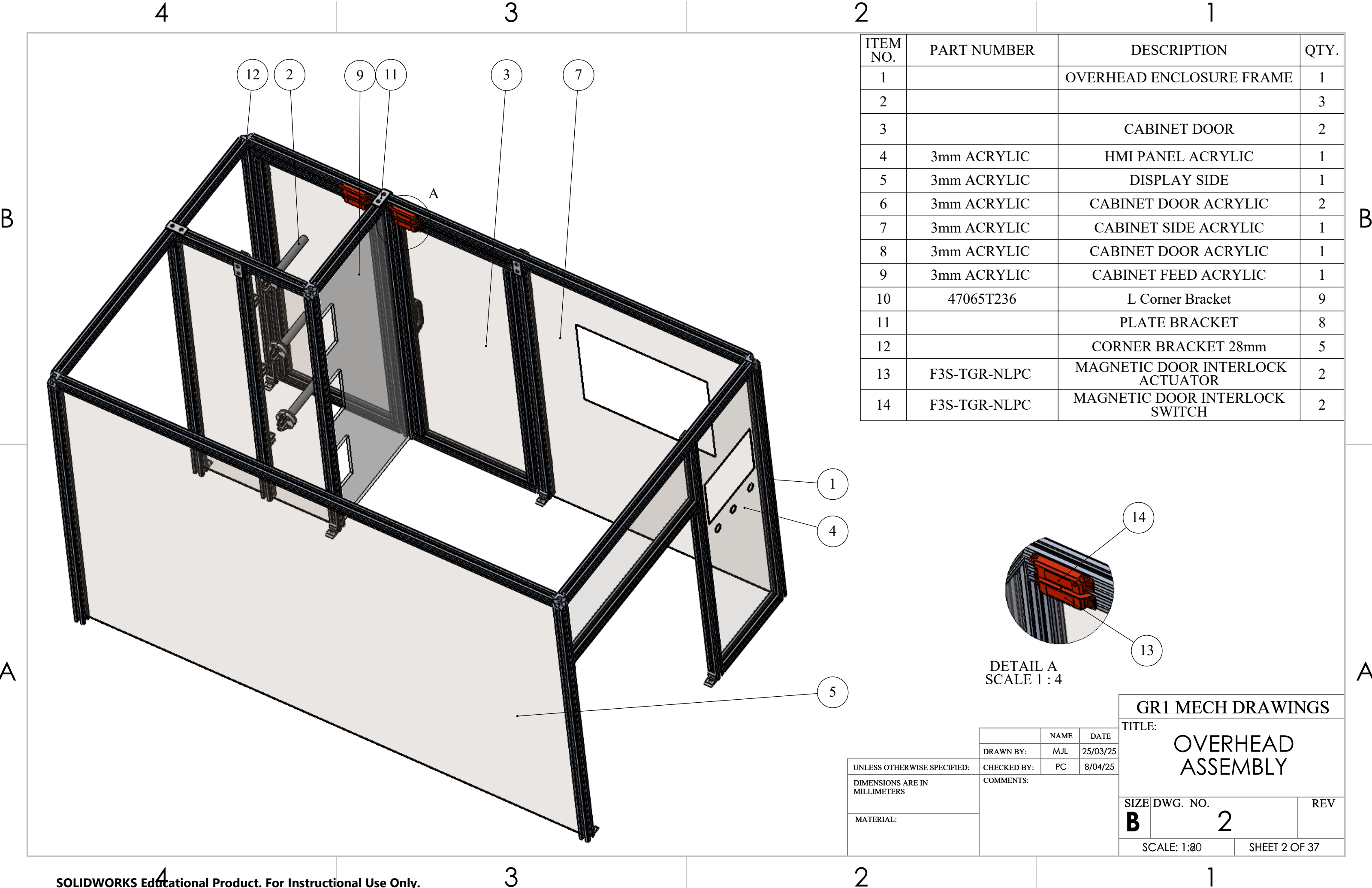


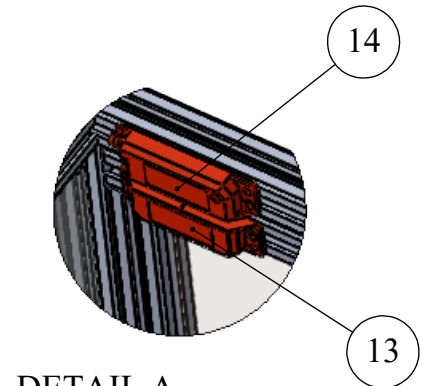
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1		MAIN WORK BENCH	1
2	3D_CR-4IA_V02	FANUC ROBOT ARM	1
3	160X15 EXTRUSION	TABLE TOP EXTRUSION	1
4		ELECTRICAL ENCLOSURE	1
5		OVERHEAD ENCLOSURE	1
6	2715P-T7WD	ALLEN BRADLEY HMI	1
7		CAMERA ASSEMBLY	1
8	F3SJ_B0625P25_D	OMRON LIGHT CURTAIN	1
9	F3SJ_B0625P25_L	OMRON LIGHT CURTAIN	1
10	2F85	ROBOTIQ GRIPPER	1
11	A22NE-M-P202-N	E-STOP	1
12	A22NZ-BNM-NGA	START BUTTON	1
13	A22NZ-BNM-NAA	RESET BUTTON	1
14		WINDING MECHANISM	1
15		WIRE TUBE ASSEMBLY	1
16	R-30IB MATE	ROBOT CONTROLLER	1
17	2700622 TP 5150T	ORDER COMPUTER	1

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS	NAME	DATE
	DRAWN BY: MJL	25/03/25
	CHECKED BY: PC	8/04/25
MATERIAL:	COMMENTS:	

GR1 MECH DRAWINGS		
TITLE: CELL OVERVIEW		
SIZE B	DWG. NO. 1	REV
SCALE: 1:11		SHEET 1 OF 37

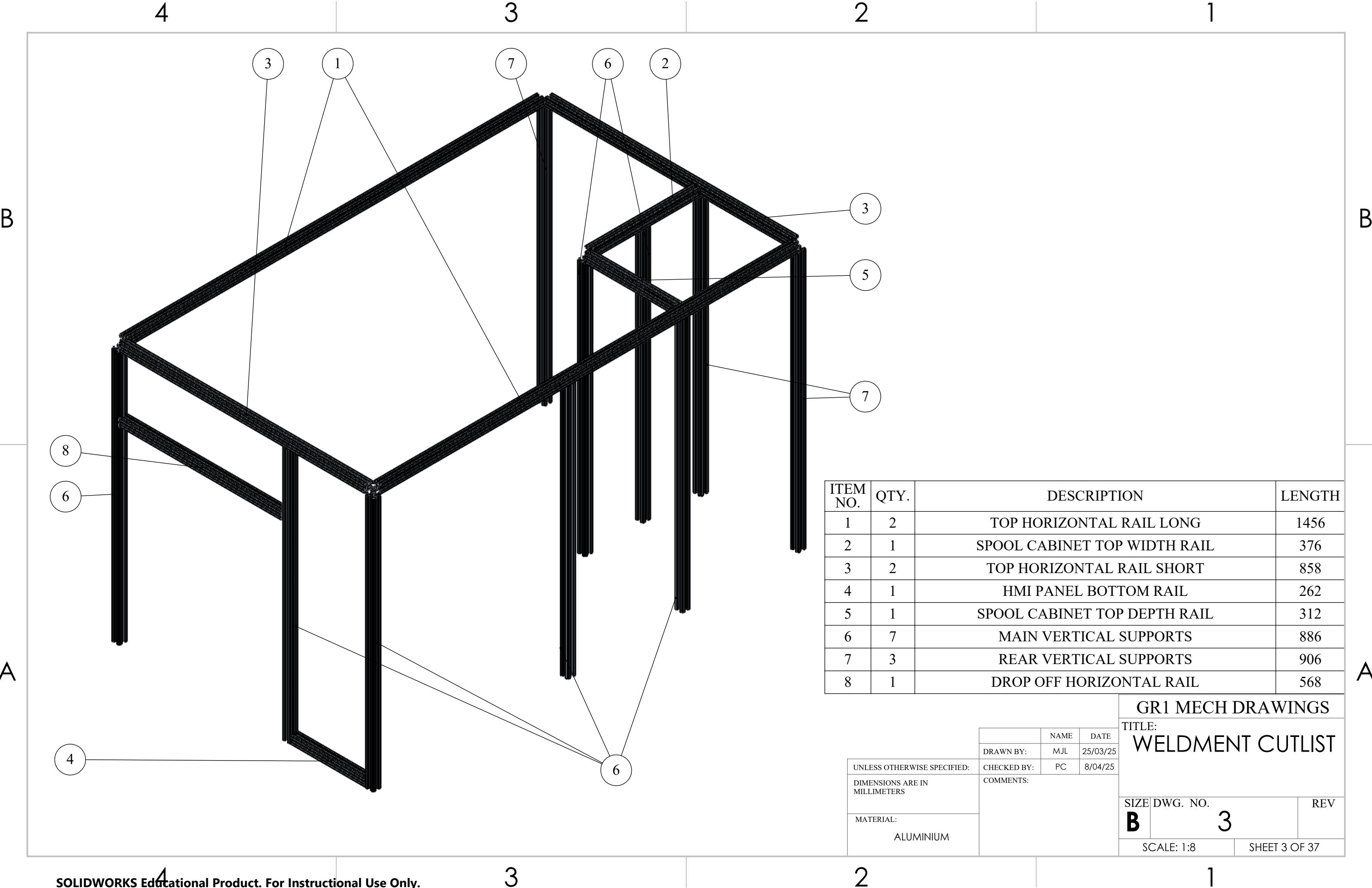


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1		OVERHEAD ENCLOSURE FRAME	1
2			3
3		CABINET DOOR	2
4	3mm ACRYLIC	HMI PANEL ACRYLIC	1
5	3mm ACRYLIC	DISPLAY SIDE	1
6	3mm ACRYLIC	CABINET DOOR ACRYLIC	2
7	3mm ACRYLIC	CABINET SIDE ACRYLIC	1
8	3mm ACRYLIC	CABINET DOOR ACRYLIC	1
9	3mm ACRYLIC	CABINET FEED ACRYLIC	1
10	47065T236	L Corner Bracket	9
11		PLATE BRACKET	8
12		CORNER BRACKET 28mm	5
13	F3S-TGR-NLPC	MAGNETIC DOOR INTERLOCK ACTUATOR	2
14	F3S-TGR-NLPC	MAGNETIC DOOR INTERLOCK SWITCH	2



DETAIL A
SCALE 1 : 4

		NAME	DATE	OVERHEAD ASSEMBLY		
	DRAWN BY:	MJL	25/03/25			
UNLESS OTHERWISE SPECIFIED:	CHECKED BY:	PC	8/04/25			
DIMENSIONS ARE IN MILLIMETERS	COMMENTS:			SIZE	DWG. NO.	REV
MATERIAL:				B	2	
			SCALE: 1:20		SHEET 2 OF 37	



ITEM NO.	QTY.	DESCRIPTION	LENGTH
1	2	TOP HORIZONTAL RAIL LONG	1456
2	1	SPOOL CABINET TOP WIDTH RAIL	376
3	2	TOP HORIZONTAL RAIL SHORT	858
4	1	HMI PANEL BOTTOM RAIL	262
5	1	SPOOL CABINET TOP DEPTH RAIL	312
6	7	MAIN VERTICAL SUPPORTS	886
7	3	REAR VERTICAL SUPPORTS	906
8	1	DROP OFF HORIZONTAL RAIL	568

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS MATERIAL: ALUMINIUM		NAME	DATE
	DRAWN BY:	MJL	25/03/25
	CHECKED BY:	PC	8/04/25
	COMMENTS:		

GR1 MECH DRAWINGS			
TITLE: WELDMENT CUTLIST			
SIZE B	DWG. NO. 3		REV
SCALE: 1:8		SHEET 3 OF 37	

4

3

2

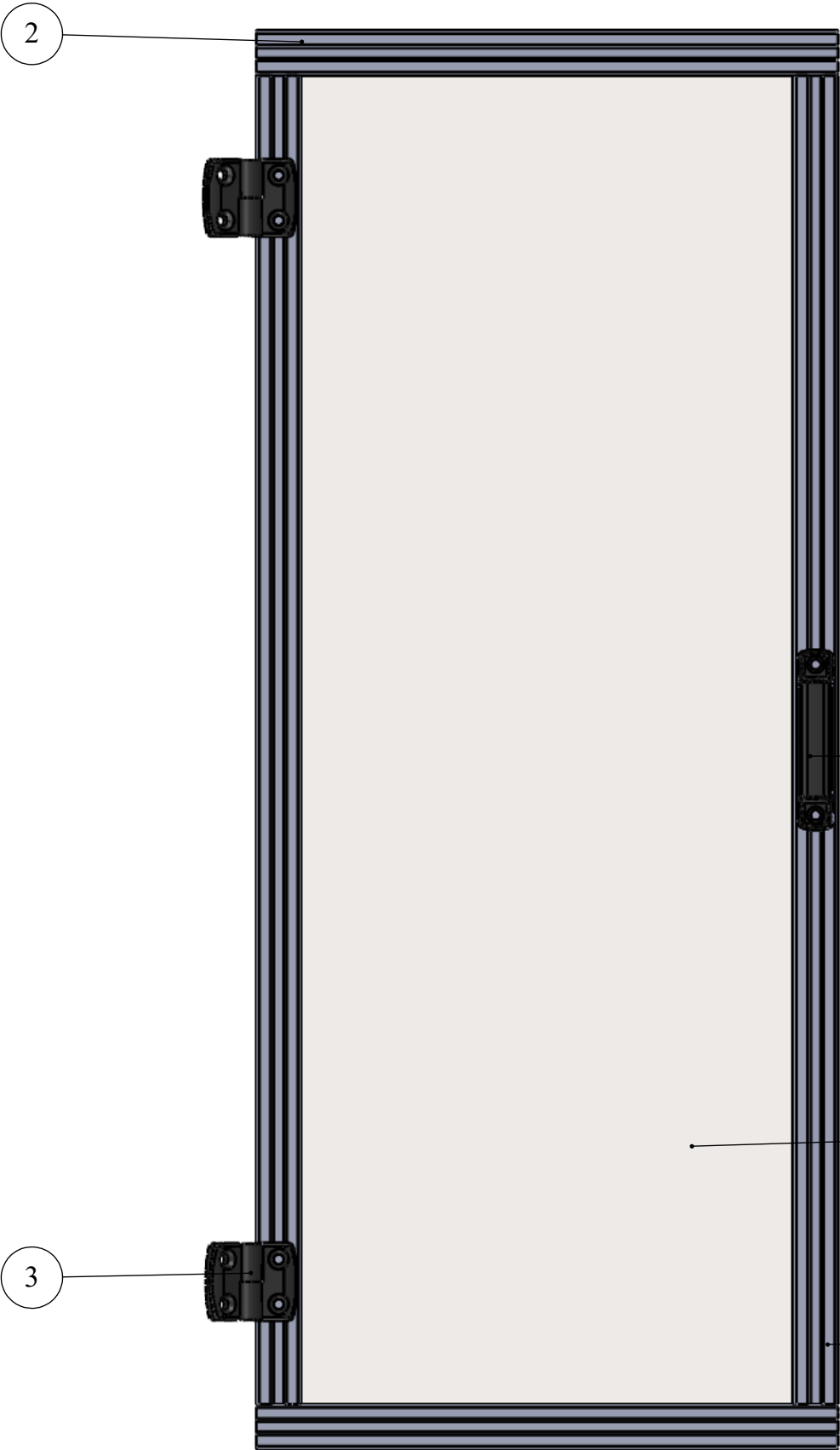
1

B

B

A

A



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	28X28 EXTRUSION	EXTENDED VERTICAL RAIL	2
2	28X28 EXTRUSION	CABINET DOOR HORIZONTAL RAIL	2
3	8020-12113	25-30mm HINGES	2
4	8020-25-2062	DOOR HANDLE	1
5		CABINET DOOR ACRYLIC	1

UNLESS OTHERWISE SPECIFIED:	CHECKED BY:	PC	8/04/25
DIMENSIONS ARE IN MILLIMETERS	COMMENTS:		
MATERIAL:			

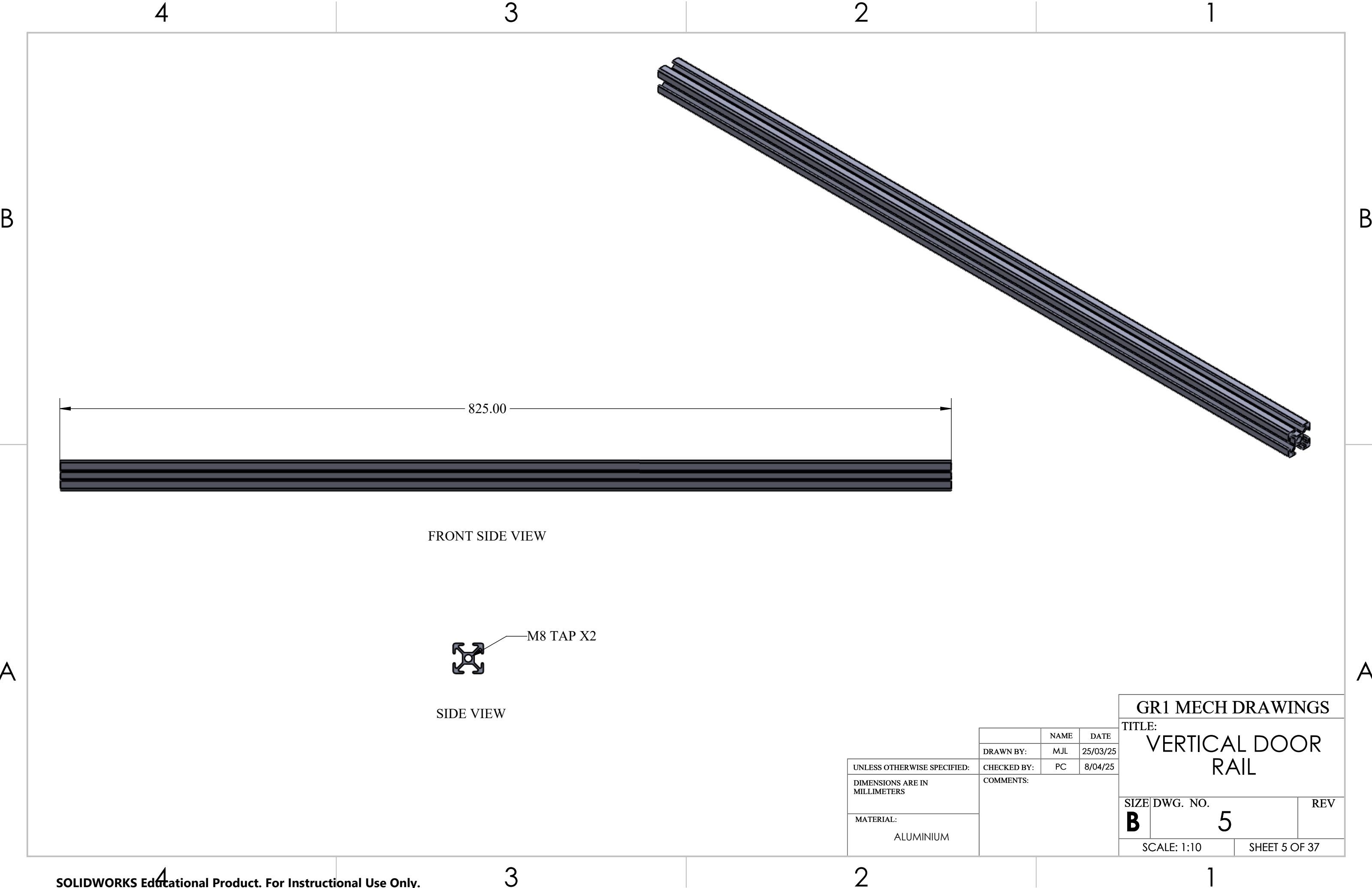
GR1 MECH DRAWINGS		
TITLE:		
CABINET DOOR ASSEMBLY		
SIZE	DWG. NO.	REV
B	4	
SCALE: 1:10		SHEET 4 OF 37

4

3

2

1



FRONT SIDE VIEW

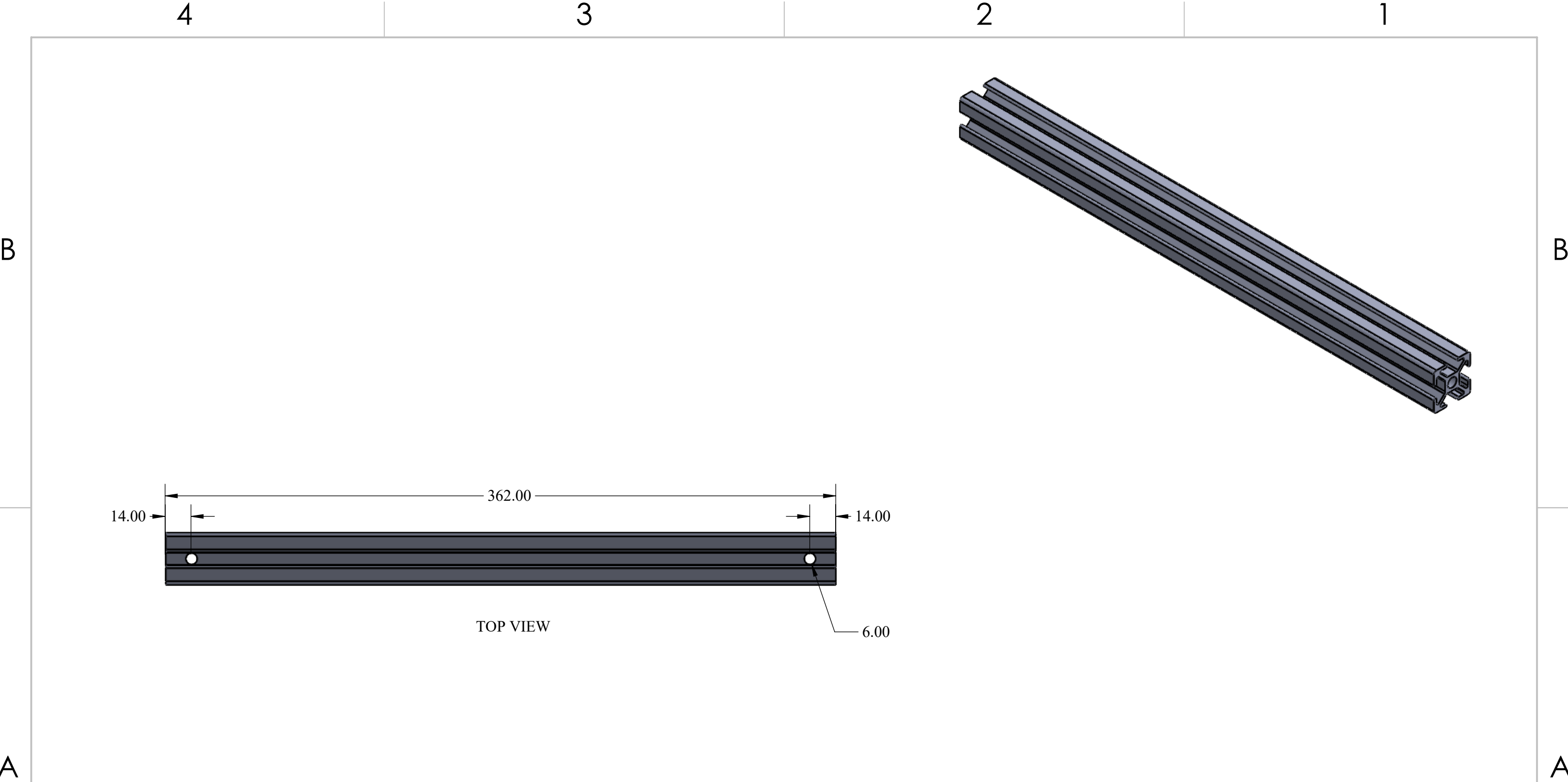
SIDE VIEW



M8 TAP X2

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS		NAME	DATE
	DRAWN BY:	MJL	25/03/25
	CHECKED BY:	PC	8/04/25
MATERIAL: ALUMINIUM	COMMENTS:		

GR1 MECH DRAWINGS		
TITLE: VERTICAL DOOR RAIL		
SIZE B	DWG. NO. 5	REV
SCALE: 1:10		SHEET 5 OF 37



GR1 MECH DRAWINGS			
TITLE: HORIZONTAL DOOR RAIL			
UNLESS OTHERWISE SPECIFIED:	DRAWN BY:	NAME	DATE
DIMENSIONS ARE IN MILLIMETERS	CHECKED BY:	PC	8/04/25
MATERIAL: ALUMINIUM	COMMENTS:		
SIZE B	DWG. NO. 6		REV
SCALE: 1:10		SHEET 6 OF 37	

4

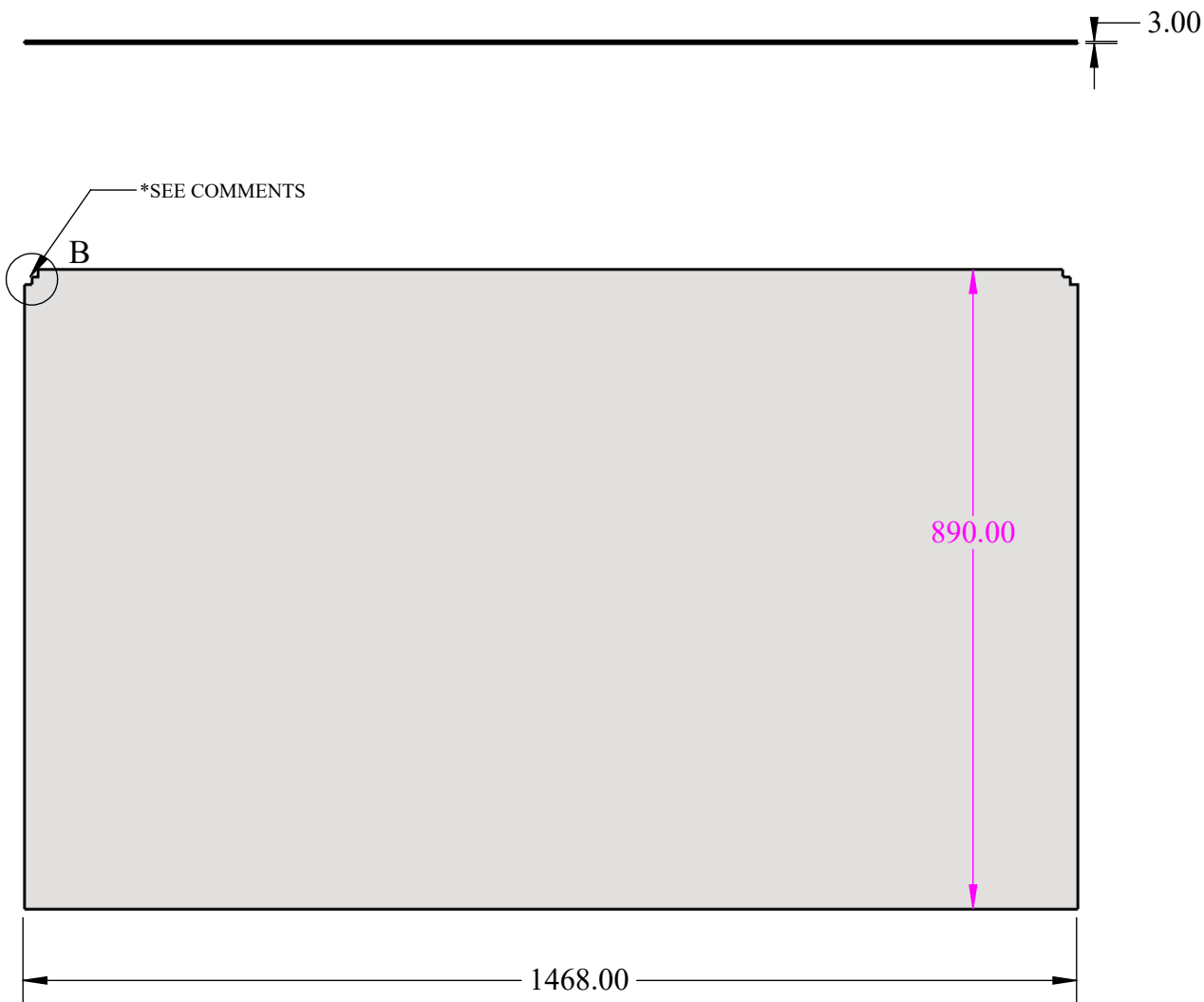
3

2

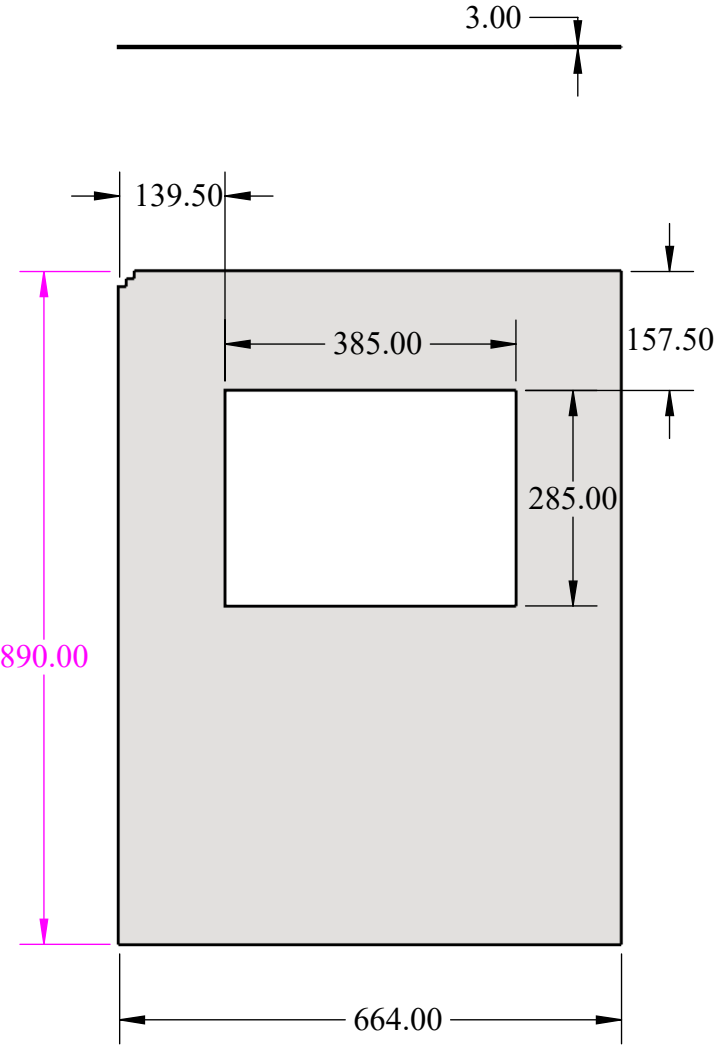
1

B

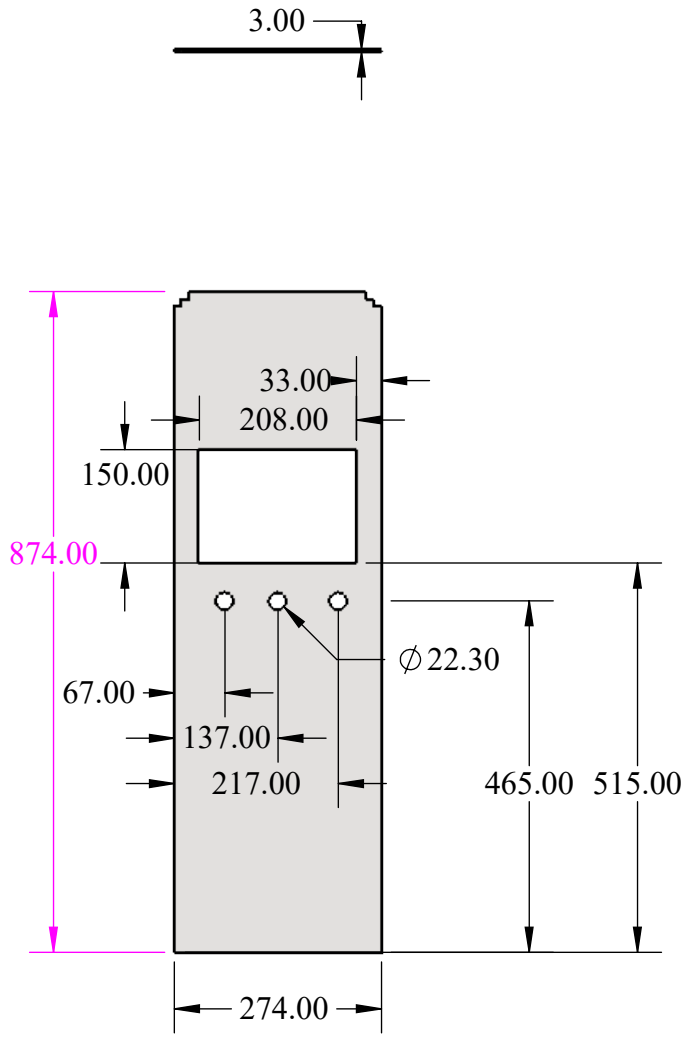
B



LEFT SIDE DISPLAY ACRYLIC



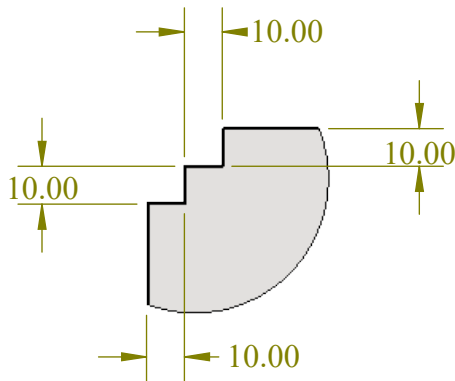
CABINET SIDE DISPLAY ACRYLIC



HMI PANEL ACRYLIC

A

A



DETAIL B
SCALE 1 : 2

UNLESS OTHERWISE SPECIFIED:	CHECKED BY:	PC	8/04/25
DIMENSIONS ARE IN MILLIMETERS	COMMENTS: *ALL SIMIALR CORNERS HAVE THE SAME DIMENSIONS		
MATERIAL:	ACRYLIC		

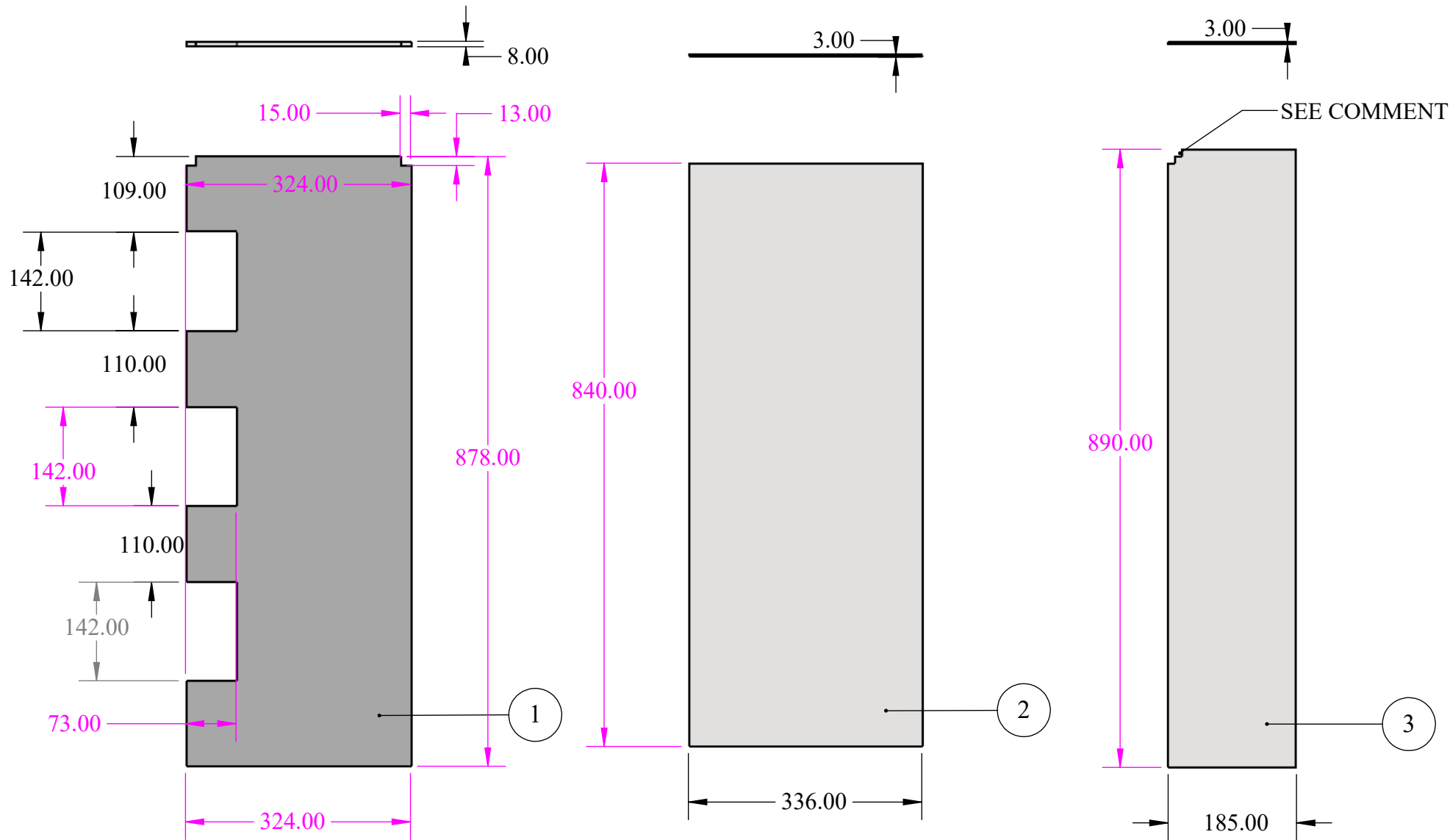
GR1 MECH DRAWINGS			
TITLE: DISPLAY ACRYLIC			
SIZE B	DWG. NO. 7		REV
SCALE: 1:10		SHEET 7 OF 37	

3

2

1

ITEM NO.	DESCRIPTION	QTY.
1	SPOOL CABINET FEEDER ACRYLIC	1
2	SPOOL CABINET DOOR ACRYLIC	2
3	SPOOL CABINET WIDTH ACRYLIC	2



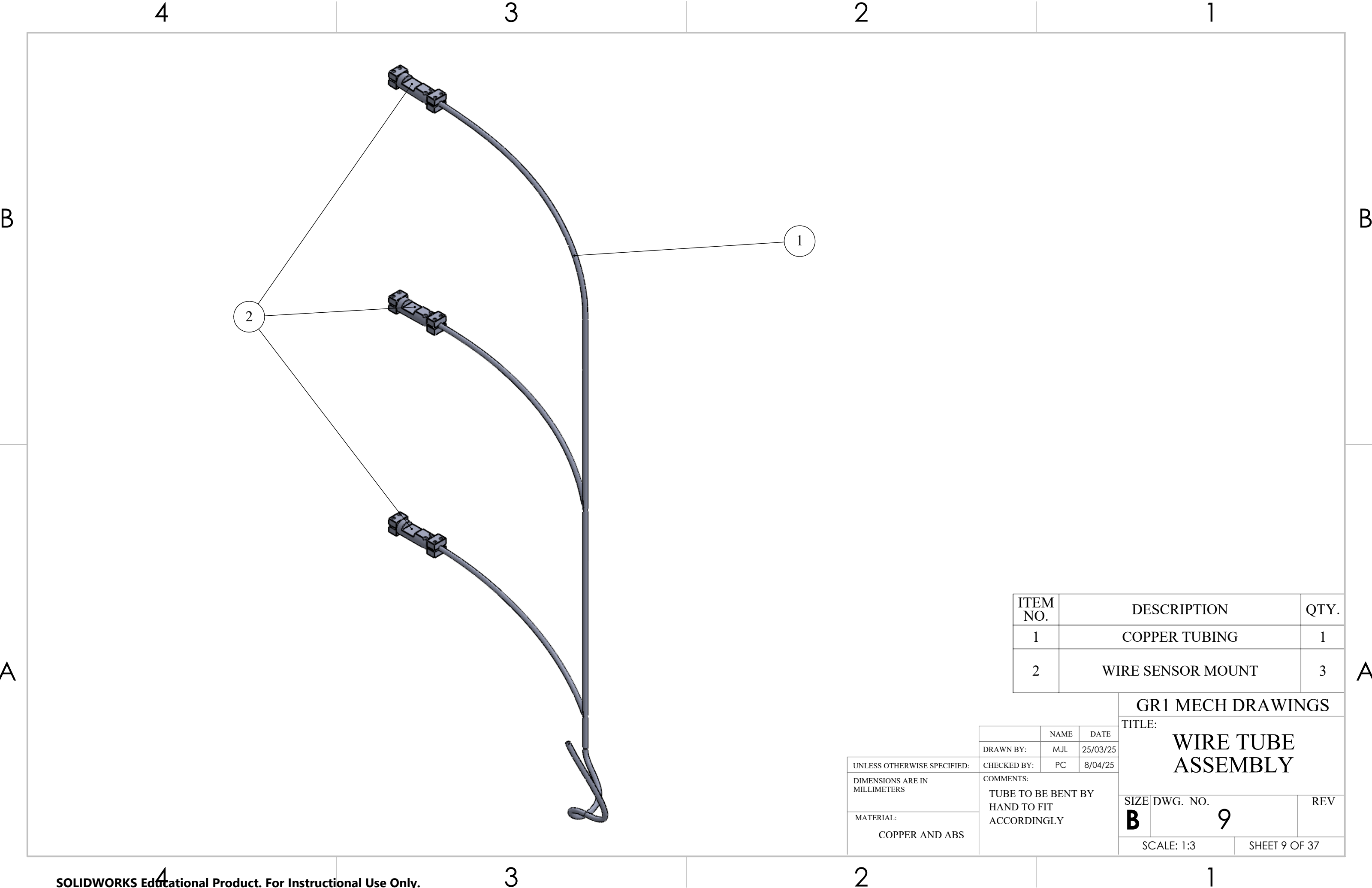
SPOOL CABINET FEEDER ACRYLIC

SPOOL CABINET DOOR ACRYLIC

SPOOL CABINET WIDTH ACRYLIC

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS MATERIAL: ACRYLIC	DRAWN BY:	MJL	25/03/25
	CHECKED BY:	PC	8/04/25
	COMMENTS: DIMENSIONS ARE REFERENCED IN PREVIOUS DRAWING		

GR1 MECH DRAWINGS		
TITLE: SPOOL CABINET ACRYLIC		
SIZE B	DWG. NO. 8	REV
SCALE: 1:10		SHEET 8 OF 37



ITEM NO.	DESCRIPTION	QTY.
1	COPPER TUBING	1
2	WIRE SENSOR MOUNT	3

UNLESS OTHERWISE SPECIFIED:			GR1 MECH DRAWINGS		
DIMENSIONS ARE IN MILLIMETERS			TITLE:		
MATERIAL:			WIRE TUBE ASSEMBLY		
COPPER AND ABS			SIZE DWG. NO. REV		
			SCALE: 1:3 SHEET 9 OF 37		

4

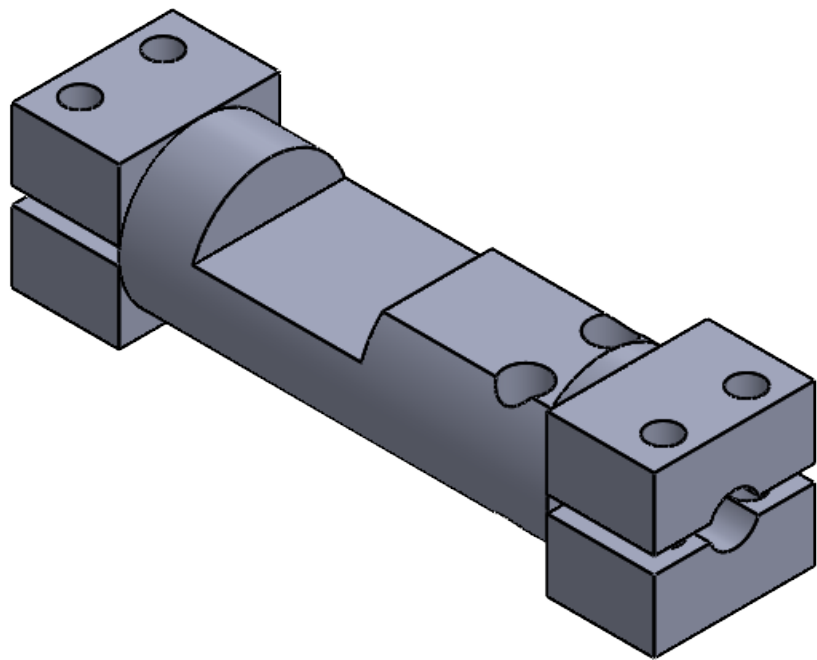
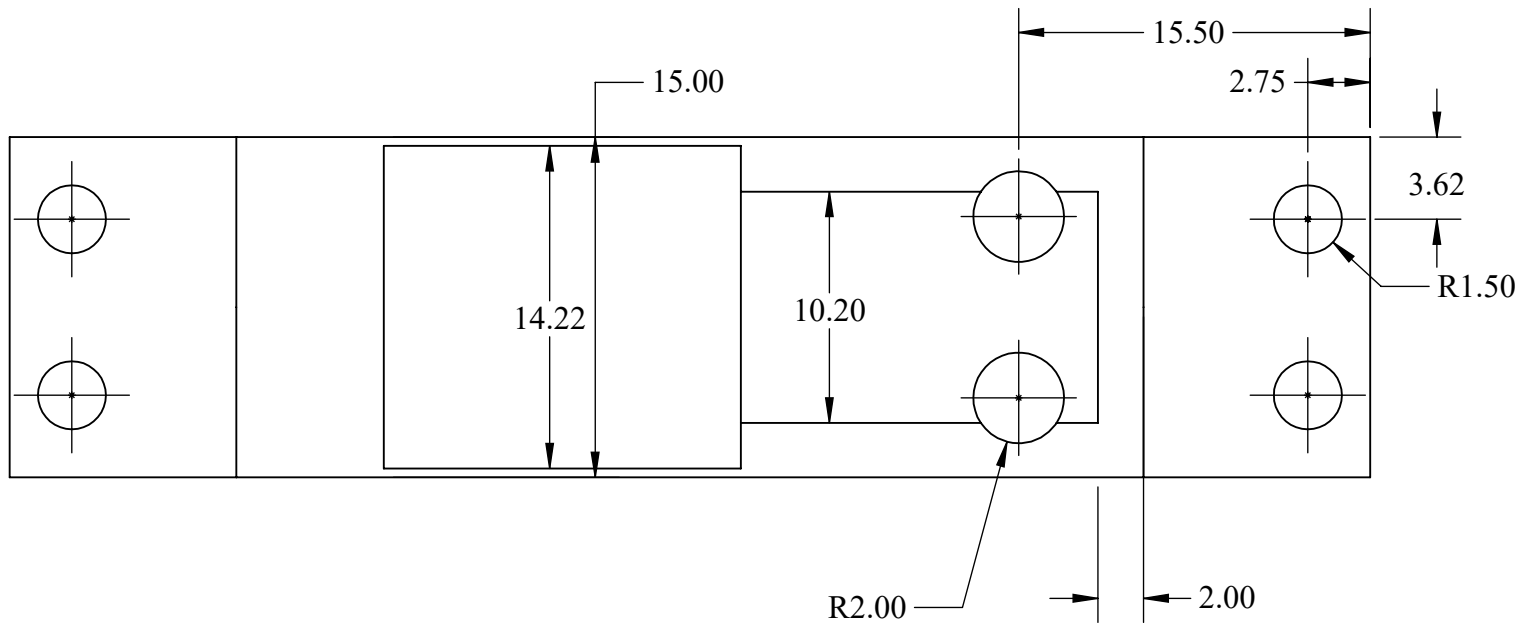
3

2

1

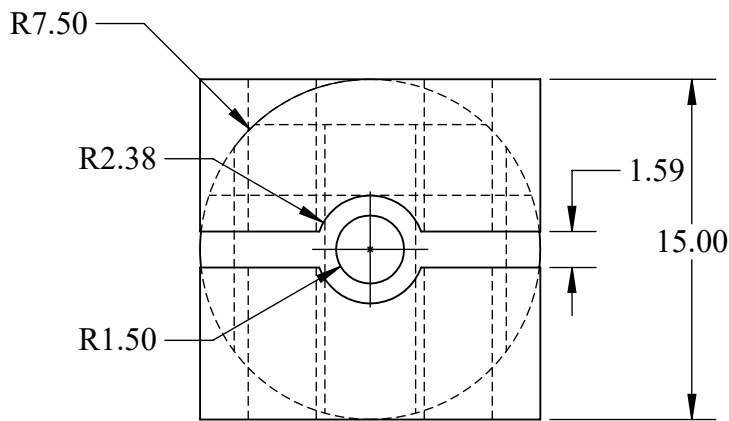
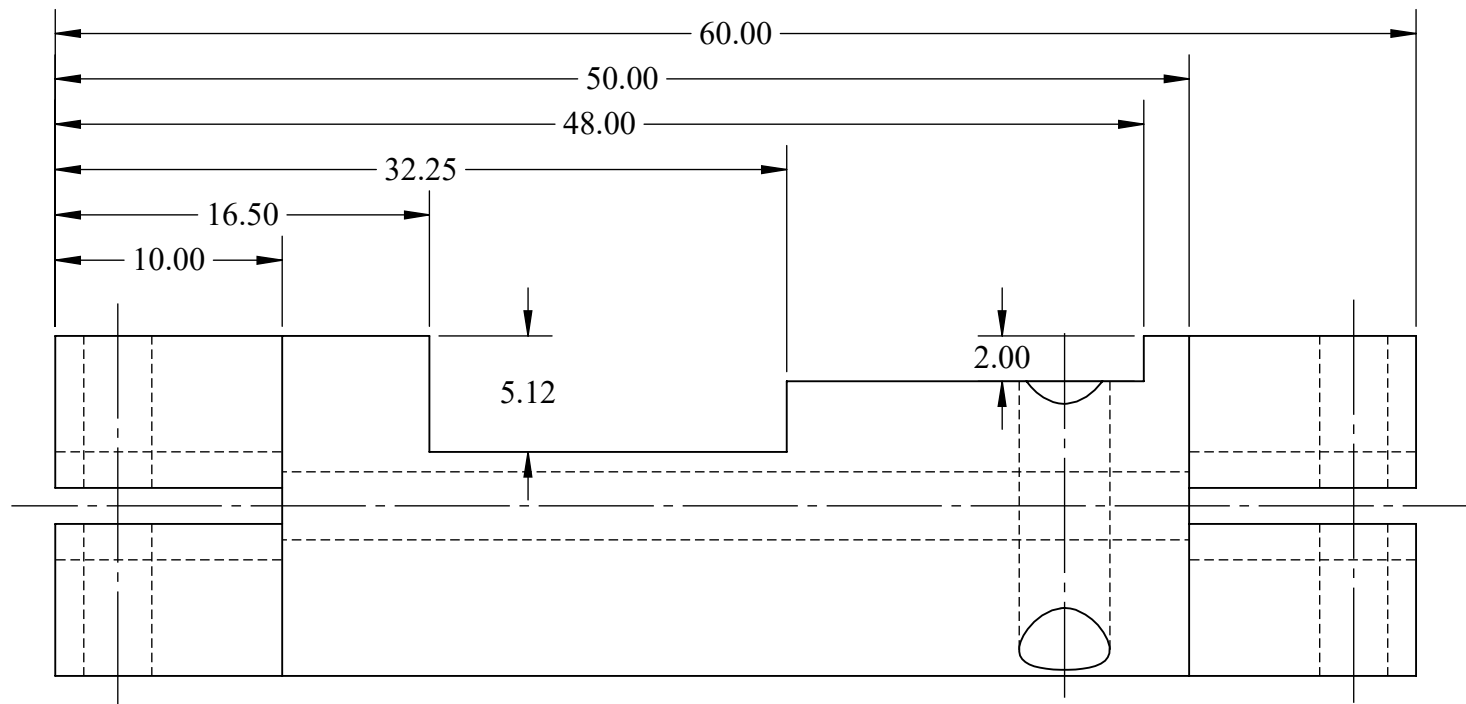
B

B



A

A



3

2

1

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS	DRAWN BY:	MJL	25/03/25
	CHECKED BY:	PC	8/04/25
MATERIAL: ABS	COMMENTS:		

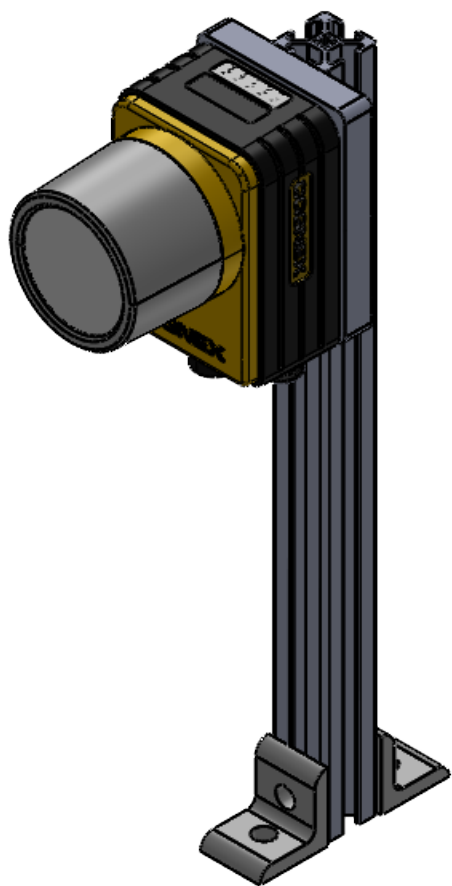
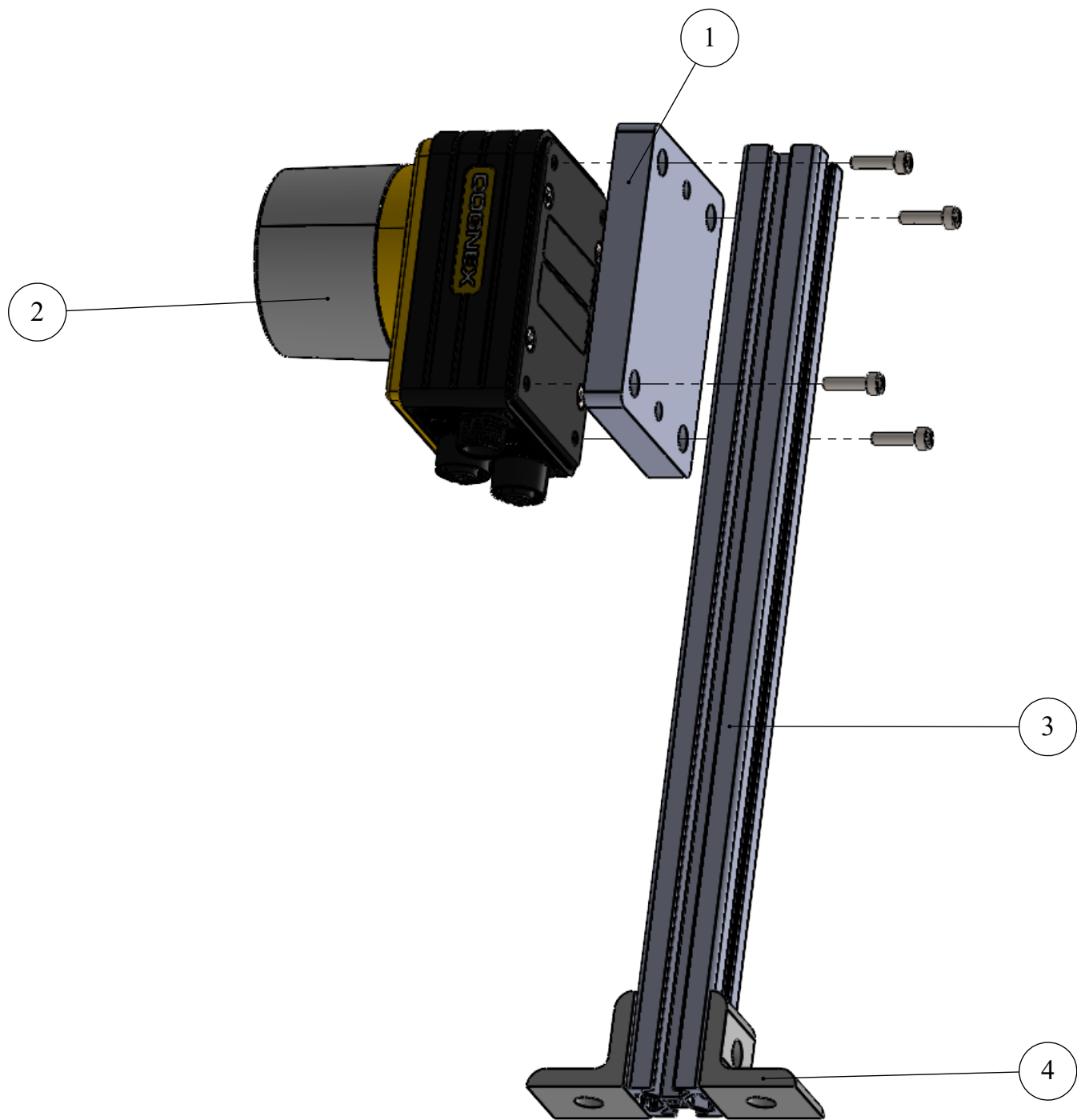
GR1 MECH DRAWINGS		
TITLE: CELL OVERVIEW		
SIZE B	DWG. NO. 10	REV
SCALE: 3:1		SHEET 10 OF 37

4

3

2

1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1		Cognex Mounting Plate	1
2	INSIGHT 7000	Cognex Vision System	1
3	20x20 Extrusion	Camera Vertical Support*	1
4	47065T236	L Corner Bracket	2

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS MATERIAL:	DRAWN BY:	NAME	DATE
	CHECKED BY:	PC	8/04/25
	COMMENTS: *EXTRUSION LENGTH TO BE DECIDED IN FIELD		

GR1 MECH DRAWINGS		
TITLE: CAMERA ASSEMBLY		
SIZE B	DWG. NO. 11	REV
SCALE: 1:1.5		SHEET 11 OF 37

3

2

1

4

3

2

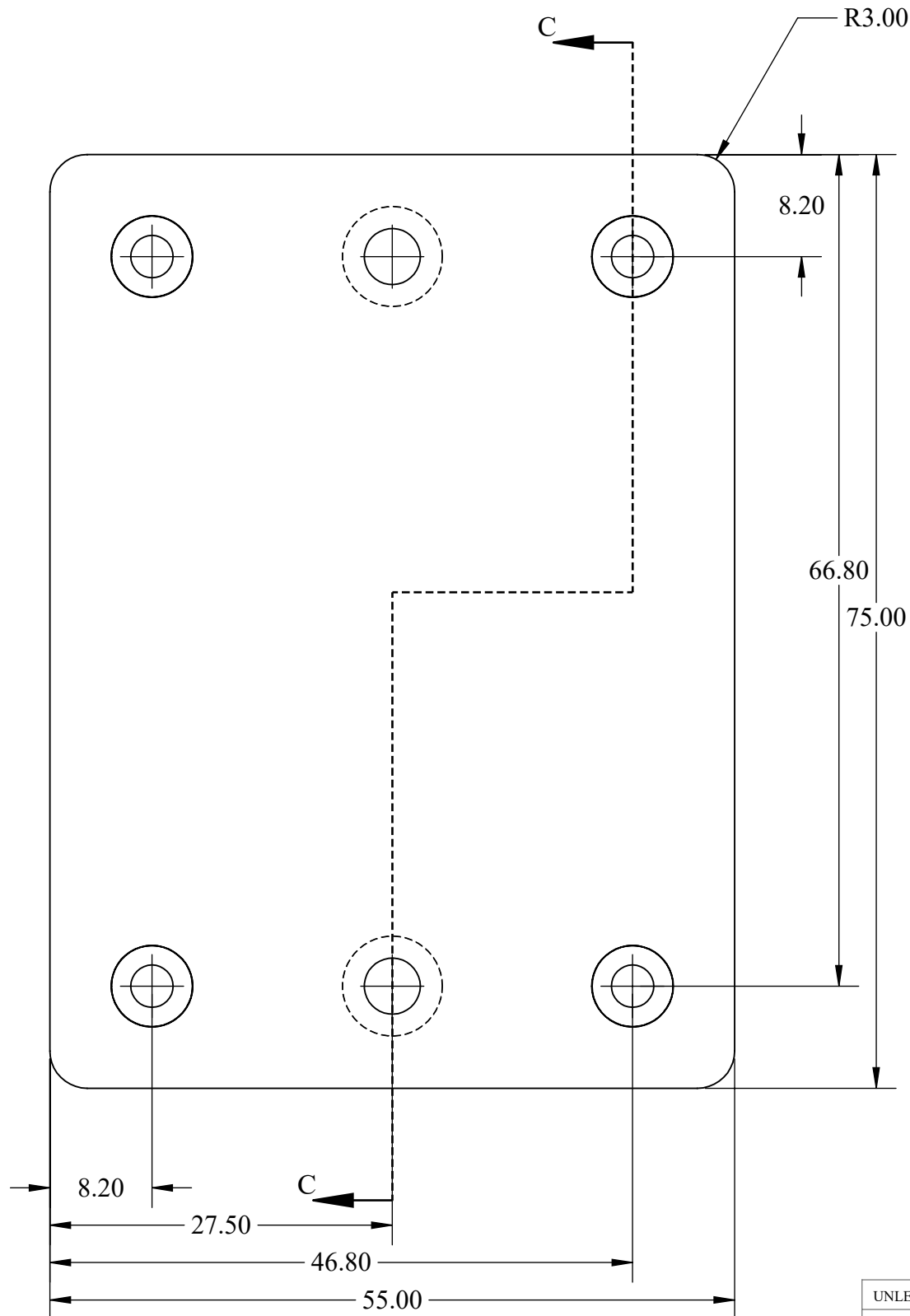
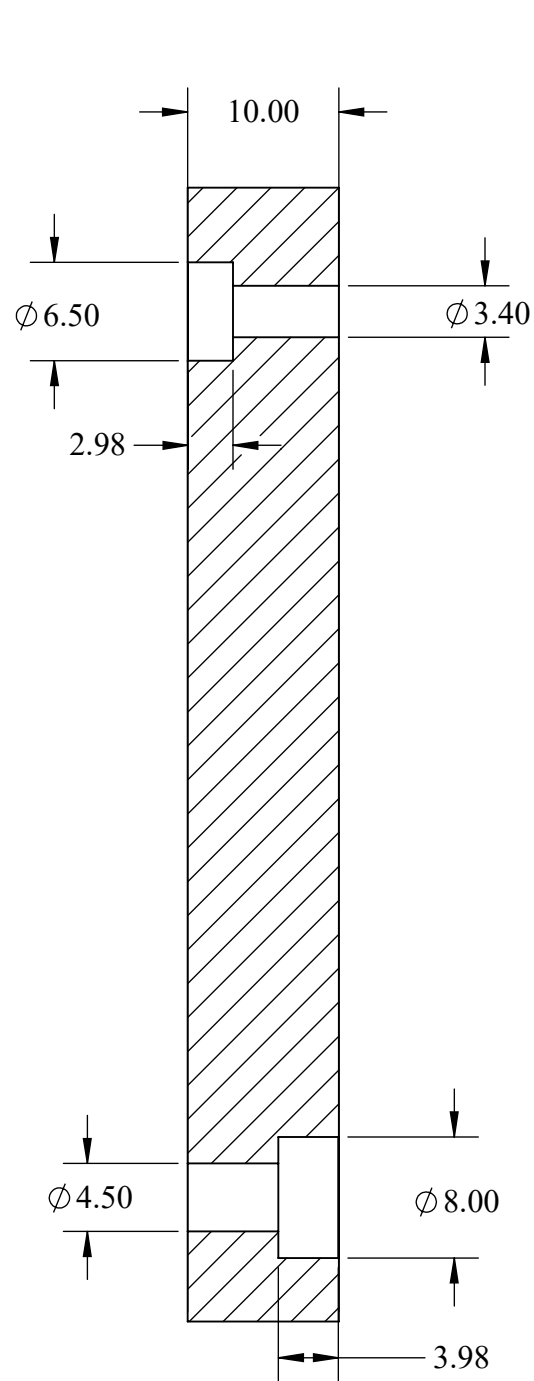
1

B

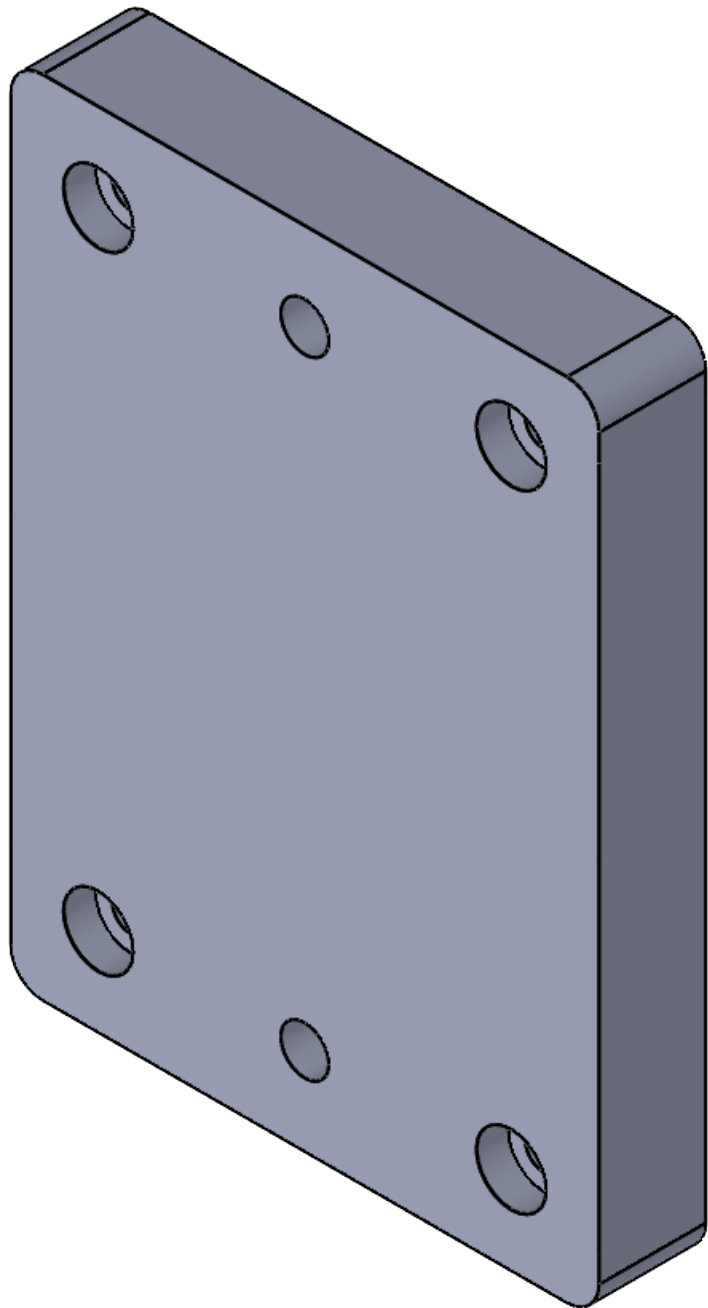
B

A

A



FRONT VIEW



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS	NAME	DATE
	DRAWN BY: MJL	25/03/25
	CHECKED BY: PC	8/04/25
MATERIAL: ABS	COMMENTS:	

GR1 MECH DRAWINGS		
TITLE: COGNEX MOUNTING PLATE		
SIZE B	DWG. NO. 12	REV
SCALE: 1:1		SHEET 12 OF 37

4

3

2

1

4

3

2

1

B

B

A

A

ITEM NO.	DESCRIPTION	QTY.
1	MOTOR MOUNTING	1
2	DRIVEWHEEL ASSEMBLY	1
3	IDLEWHEEL ASSEMBLY	1
4	PLATE STANDOFFS	4
5	BOTTOM PLATE	1

				GR1 MECH DRAWINGS	
				TITLE:	
				FEEDER ASSEMBLY	
				SIZE	DWG. NO.
				B	13
				SCALE: 1:2	
				SHEET 13 OF 37	

	NAME	DATE
DRAWN BY:	MJL	25/03/25
CHECKED BY:	PC	8/04/25

UNLESS OTHERWISE SPECIFIED:	COMMENTS:
DIMENSIONS ARE IN MILLIMETERS	
MATERIAL:	

4

3

2

1

B

B

A

A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TOP PLATE	TOP PLATE	1
2	MOTOR STANDOFF	MOTOR STANDOFF	1
3	42PG-775-92-EN 24V	motor	1

		NAME	DATE	TITLE: MOTOR MOUNTING		
	DRAWN BY:	MJL	25/03/25			
UNLESS OTHERWISE SPECIFIED:	CHECKED BY:	PC	8/04/25			
DIMENSIONS ARE IN MILLIMETERS	COMMENTS:			SIZE	DWG. NO.	REV
MATERIAL:				B	14	
				SCALE: 1:1		SHEET 14 OF 37

4

3

2

1

4

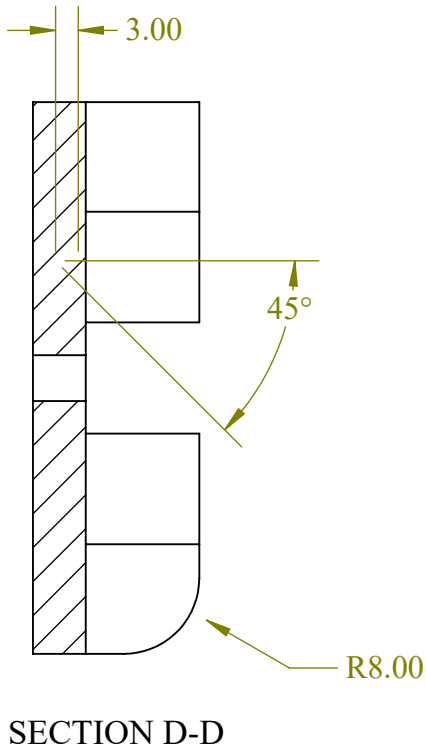
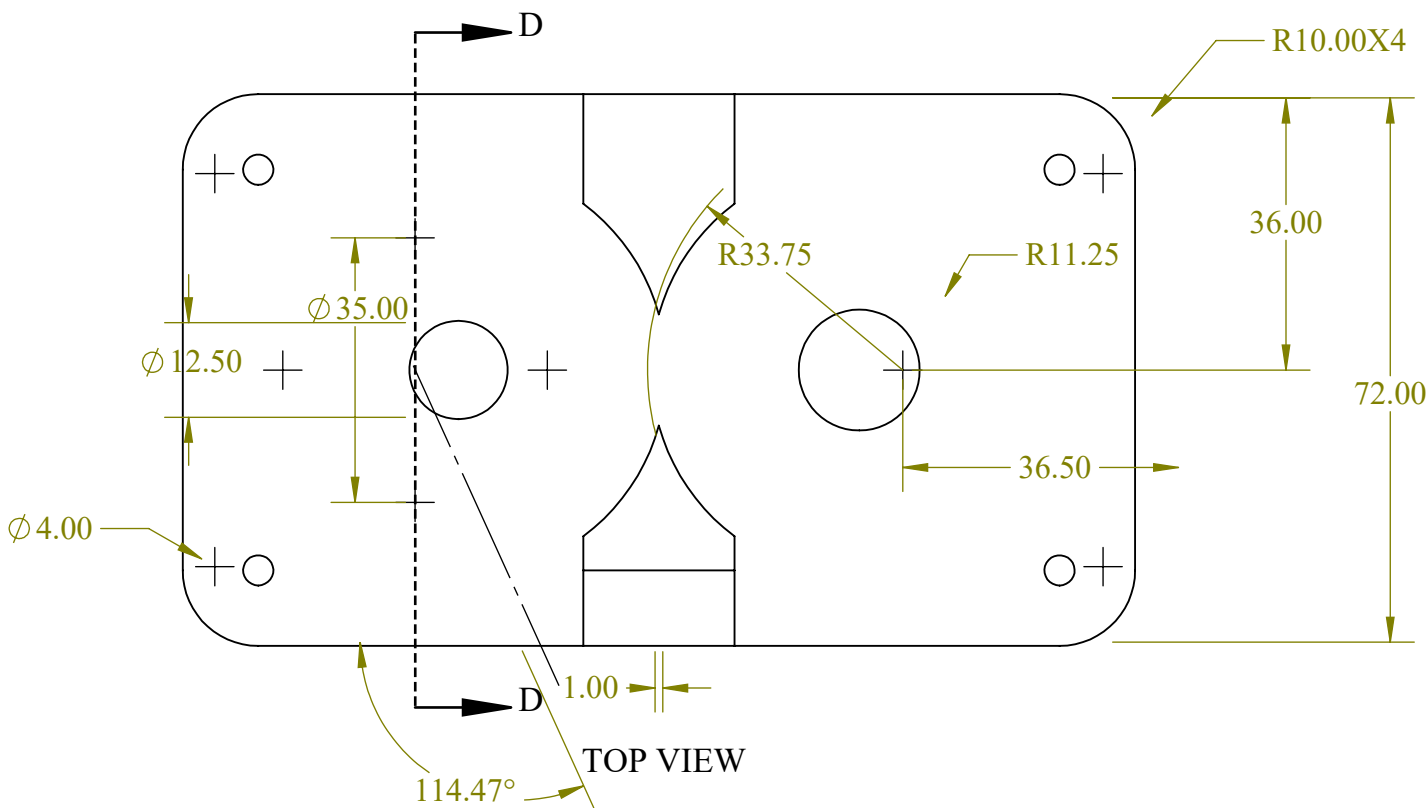
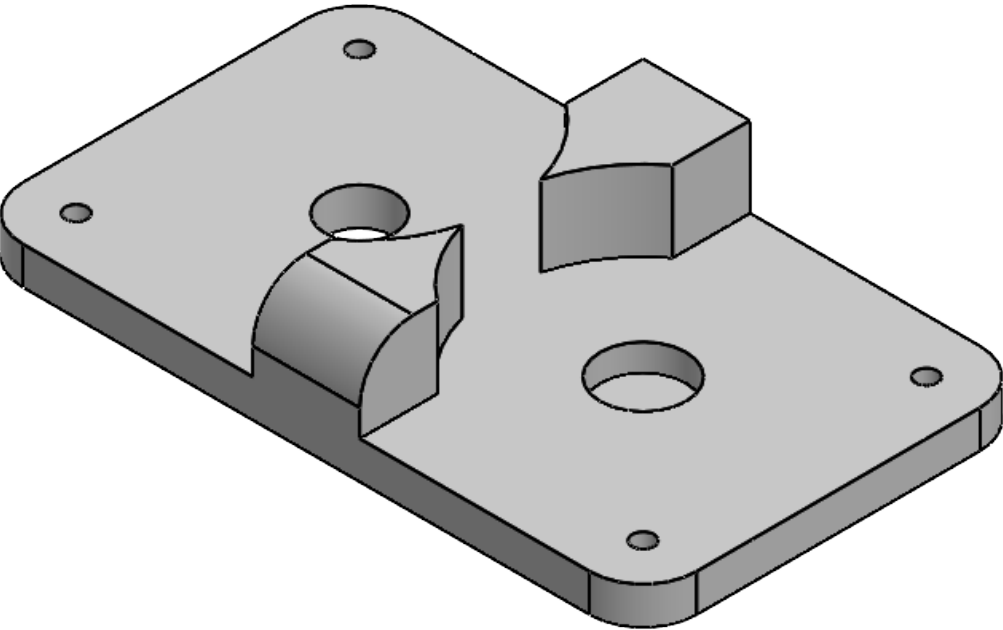
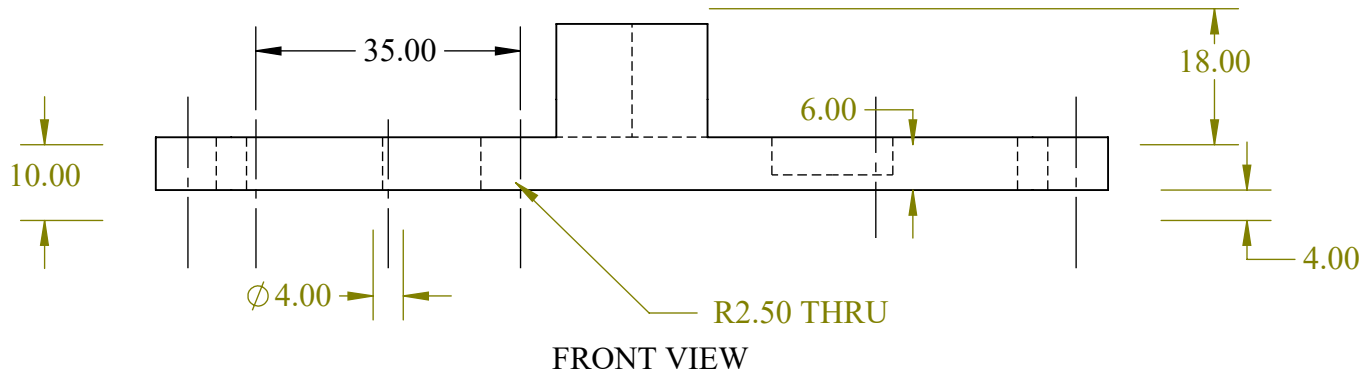
3

2

1

B

B



A

GR1 MECH DRAWINGS			
TITLE:			
FEEDER TOP PLATE			
SIZE	DWG. NO.	REV	
B	15		
SCALE: 1:1		SHEET 15 OF 37	

	NAME	DATE
DRAWN BY:	MJL	25/03/25
CHECKED BY:	PC	8/04/25
UNLESS OTHERWISE SPECIFIED:	COMMENTS:	
DIMENSIONS ARE IN MILLIMETERS		
MATERIAL:		
ABS		

4

3

2

1

4

3

2

1

B

B

A

A

GR1 MECH DRAWINGS		
TITLE: <div>MOTOR STANDOFF</div>		
SIZE	DWG. NO.	REV
B	16	
SCALE: 2:1		SHEET 16 OF 37

	NAME	DATE
DRAWN BY:	MJL	25/03/25
CHECKED BY:	PC	8/04/25
UNLESS OTHERWISE SPECIFIED:	COMMENTS:	
DIMENSIONS ARE IN MILLIMETERS		
MATERIAL: ALUMINIUM		

4

3

2

1

4

3

2

1

B

B

A

A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	IDLESHAFT	IDLESHAFT	1
2	RB-FTR-165	WHEEL	1
3		KEY	1
4	0193019008713	BEARING	2

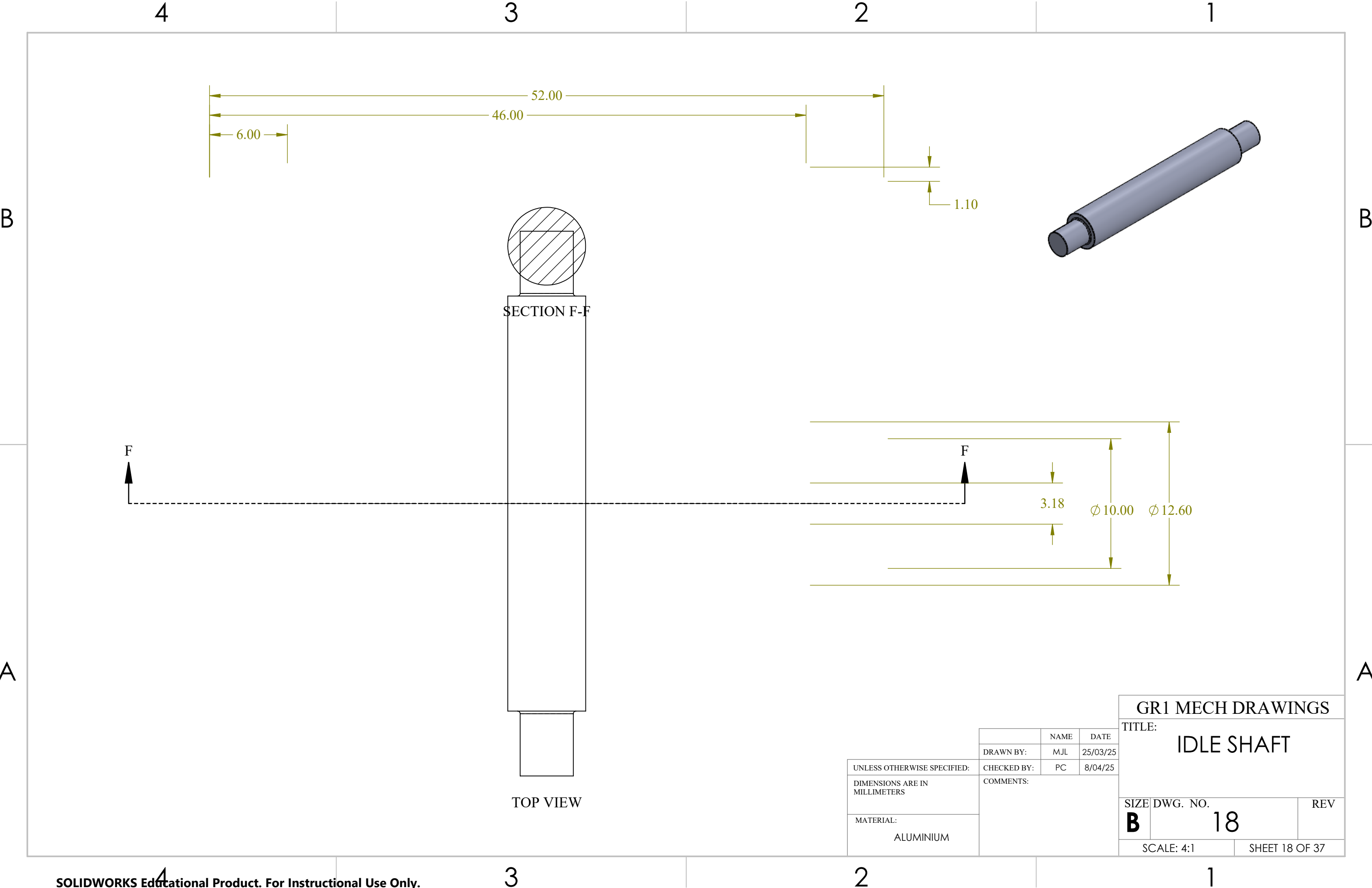
				GR1 MECH DRAWINGS			
				TITLE: IDLE WHEEL ASSEMBLY			
		NAME	DATE				
DRAWN BY:		MJL	25/03/25				
UNLESS OTHERWISE SPECIFIED:	CHECKED BY:	PC	8/04/25				
DIMENSIONS ARE IN MILLIMETERS	COMMENTS:						
MATERIAL:							
		SIZE	DWG. NO.		REV		
		B	17				
		SCALE: 2:1		SHEET 17 OF 37			

4

3

2

1



SECTION F-F

TOP VIEW

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS	DRAWN BY:	NAME	DATE
	CHECKED BY:	PC	8/04/25
	COMMENTS:		
MATERIAL:			
ALUMINIUM			

GR1 MECH DRAWINGS			
TITLE: IDLE SHAFT			
SIZE	DWG. NO.	REV	
B	18		
SCALE: 4:1		SHEET 18 OF 37	

4

3

2

1

B

B

A

A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DRIVESHAFT	DRIVESHAFT	1
2	0193019008713	BEARING	1
3		KEY	1
4	RB-FTR-165	WHEEL	1

				GR1 MECH DRAWINGS	
				TITLE:	
				FEEDER DRIVE WHEEL	
				SIZE	DWG. NO.
				B	19
				REV	
				SCALE: 2:1	
				SHEET 19 OF 37	

UNLESS OTHERWISE SPECIFIED:	CHECKED BY:	PC	8/04/25
DIMENSIONS ARE IN MILLIMETERS	COMMENTS:		
MATERIAL:			

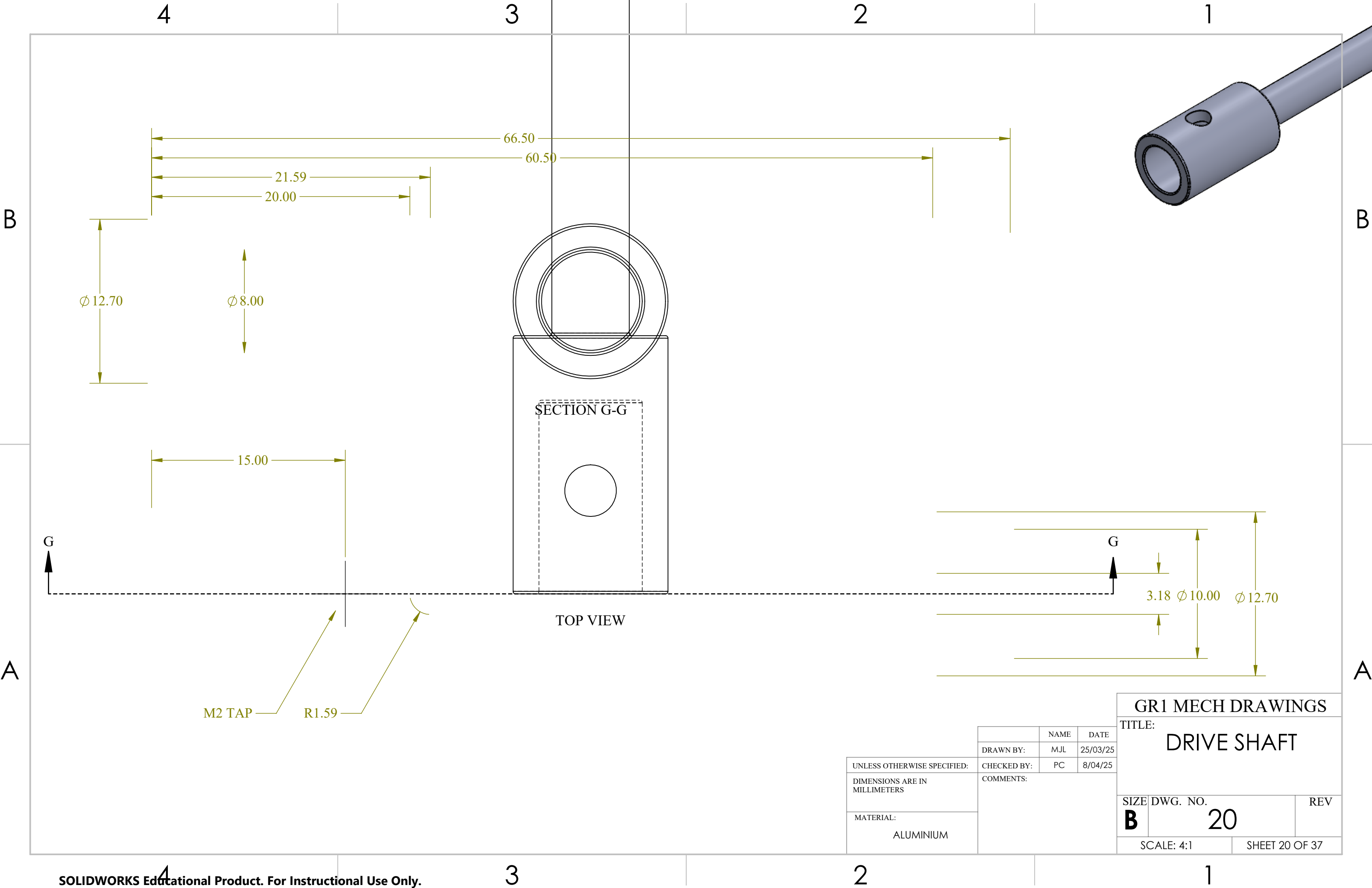
	NAME	DATE
DRAWN BY:	MJL	25/03/25
CHECKED BY:	PC	8/04/25

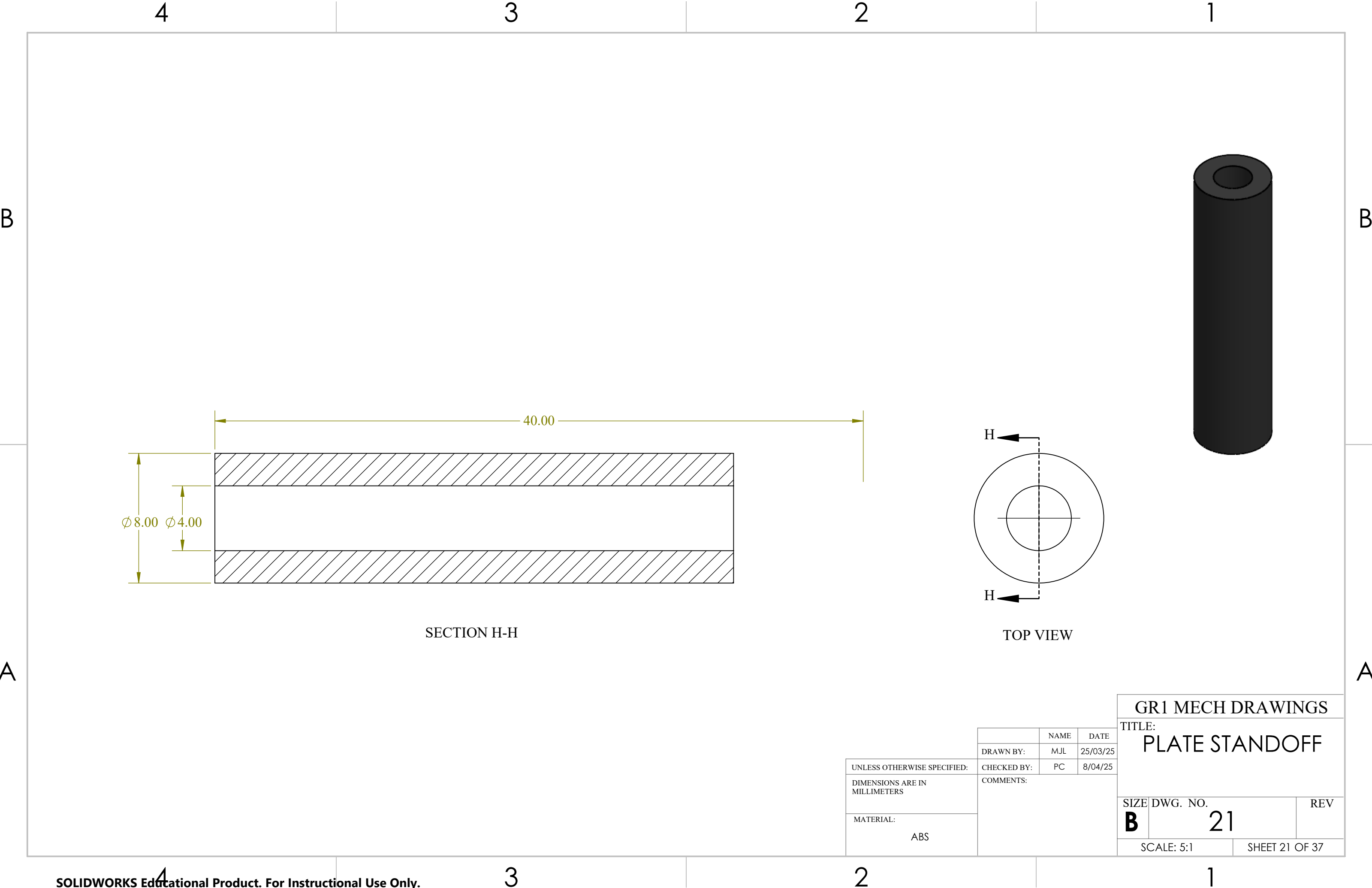
4

3

2

1





SECTION H-H

TOP VIEW

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS	NAME		DATE
	DRAWN BY:	MJL	25/03/25
	CHECKED BY:	PC	8/04/25
MATERIAL: ABS	COMMENTS:		

GR1 MECH DRAWINGS		
TITLE: PLATE STANDOFF		
SIZE B	DWG. NO. 21	REV
SCALE: 5:1		SHEET 21 OF 37

4

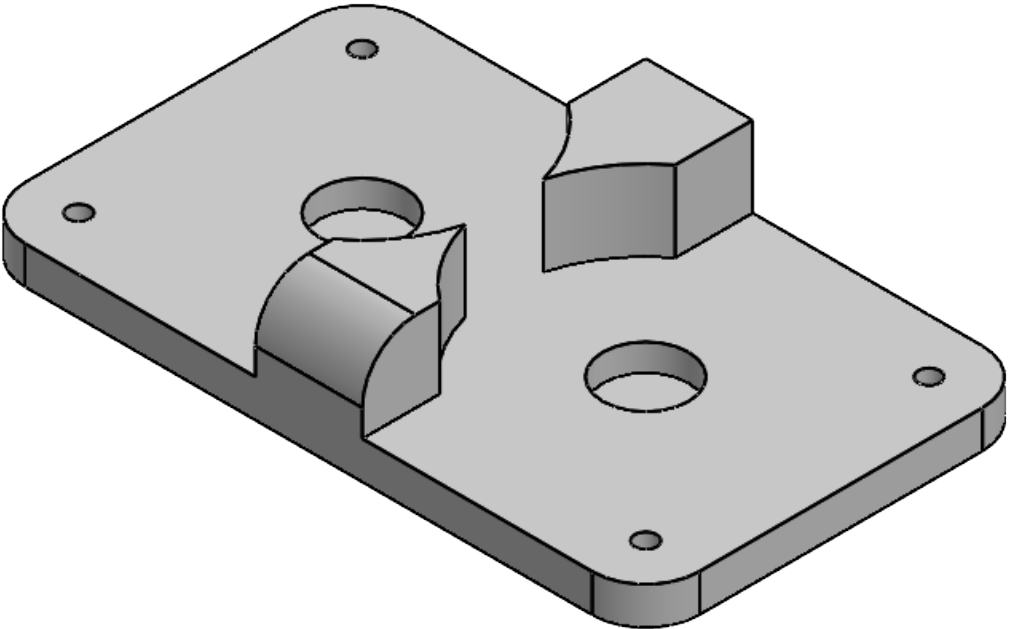
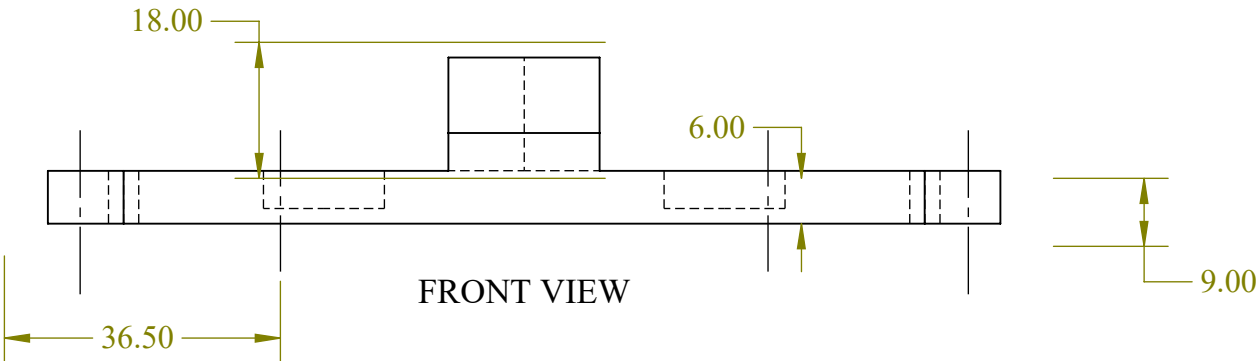
3

2

1

B

B



R10.00 X4

1.00

31.75

I

36.00

R11.25

R33.75

36.50

Ø 4.00 X4

12.00

I

64.50

TOP VIEW

19.90

R8.00

SECTION I-I
SCALE 1 : 1

A

A

GR1 MECH DRAWINGS

TITLE:

FEEDER BOTTOM
PLATE

SIZE DWG. NO.

B 22

REV

SCALE: 1.5:1

SHEET 22 OF 37

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN
MILLIMETERS

MATERIAL:

ABS

	NAME	DATE
DRAWN BY:	MJL	25/03/25
CHECKED BY:	PC	8/04/25

COMMENTS:

4

3

2

1

4

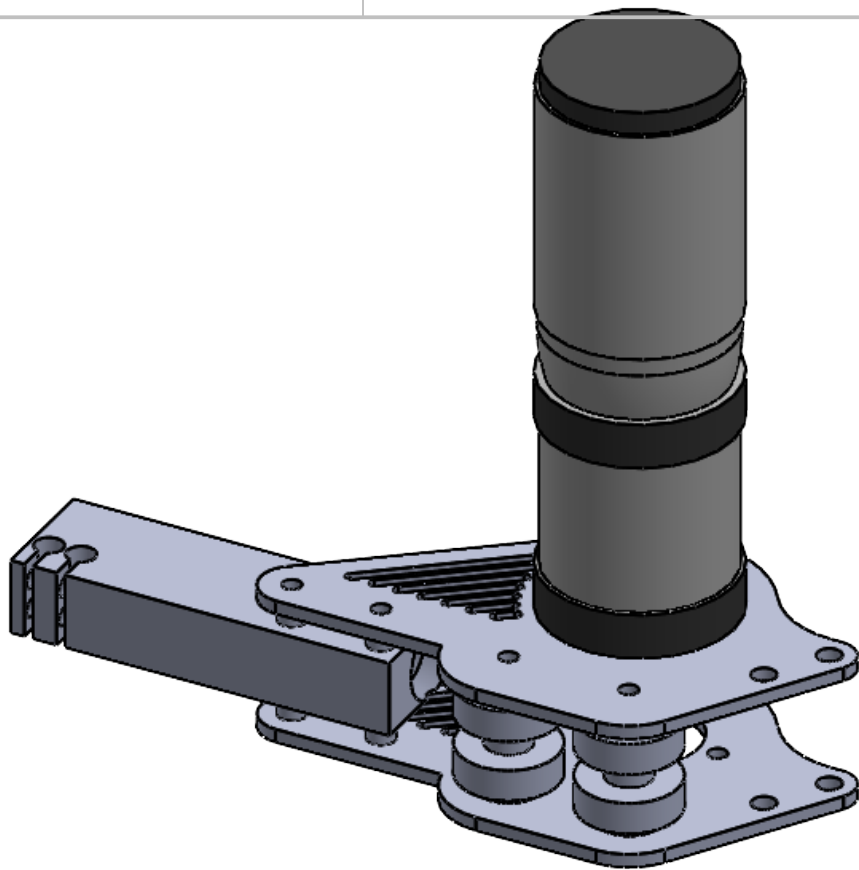
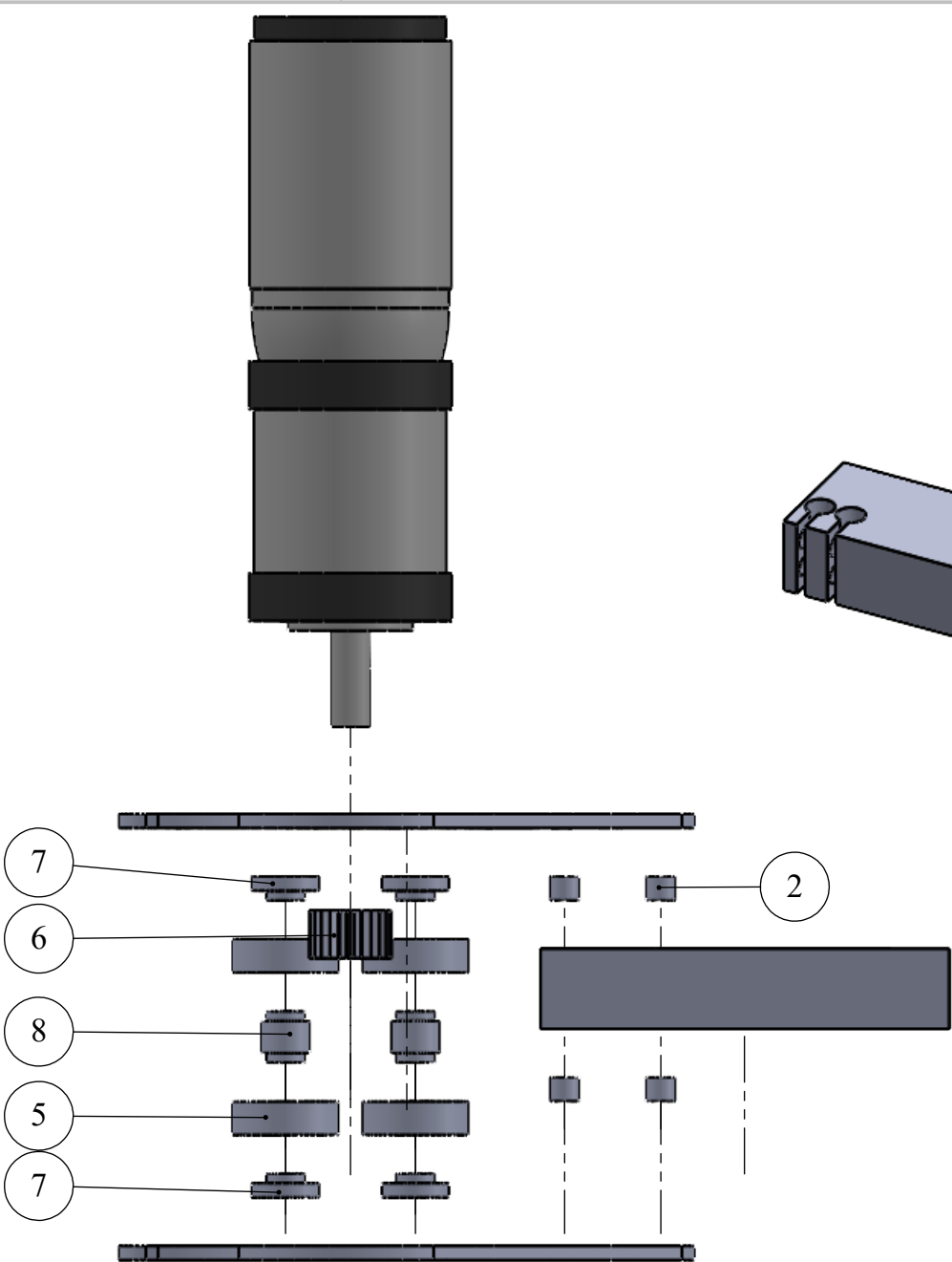
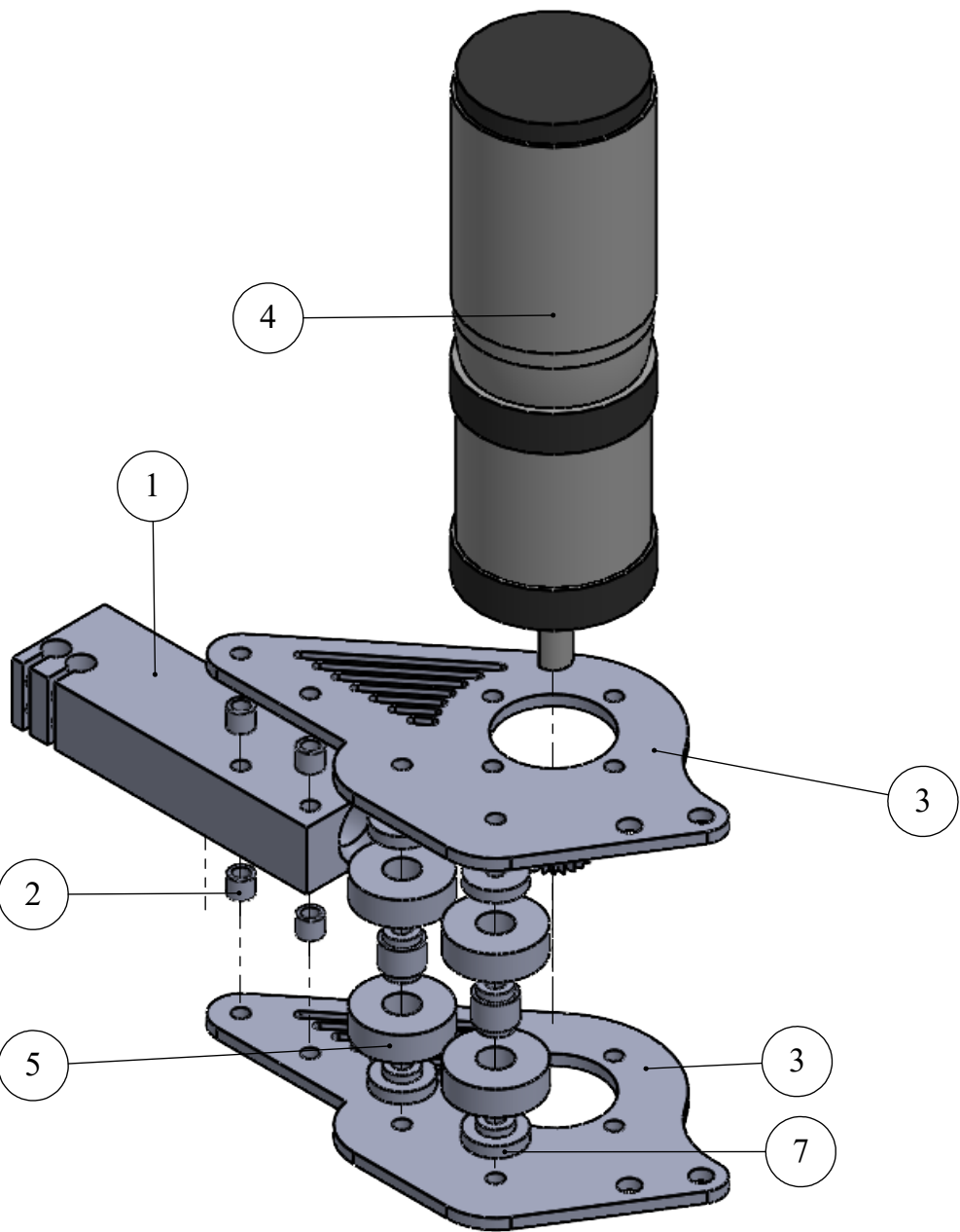
3

2

1

B

B



ITEM NO.	DESCRIPTION	QTY.
1	HEAT BLOCK	1
2	LONG WASHER	4
3	HOLD PLATE	2
4	FEED MOTOR	1
5	608 BEARING	4
6	EXTRUDER GEAR	1
7	PLATE TO BEARING SPACER	4
8	BEARING TO BEARING SPACER	2

A

A

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
MATERIAL:

	NAME	DATE
DRAWN BY:	MJL	25/03/25
CHECKED BY:	PC	8/04/25
COMMENTS:		

GR1 MECH DRAWINGS		
TITLE: ADHESIVE EXTRUDER		
SIZE	DWG. NO.	REV
B	23	
SCALE: 1:1.5		SHEET 23 OF 37

3

2

1

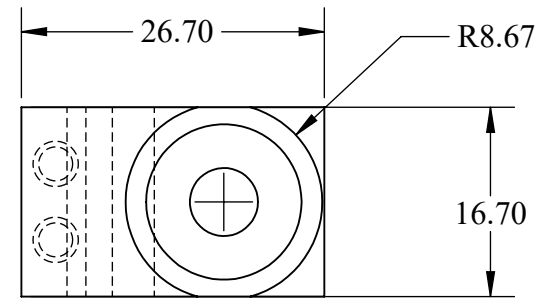
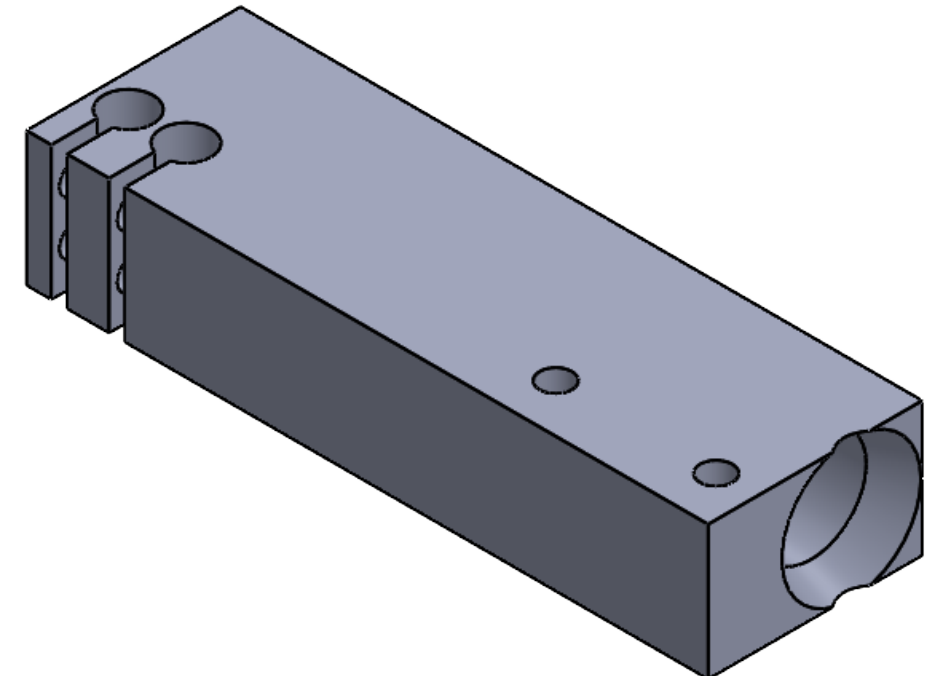
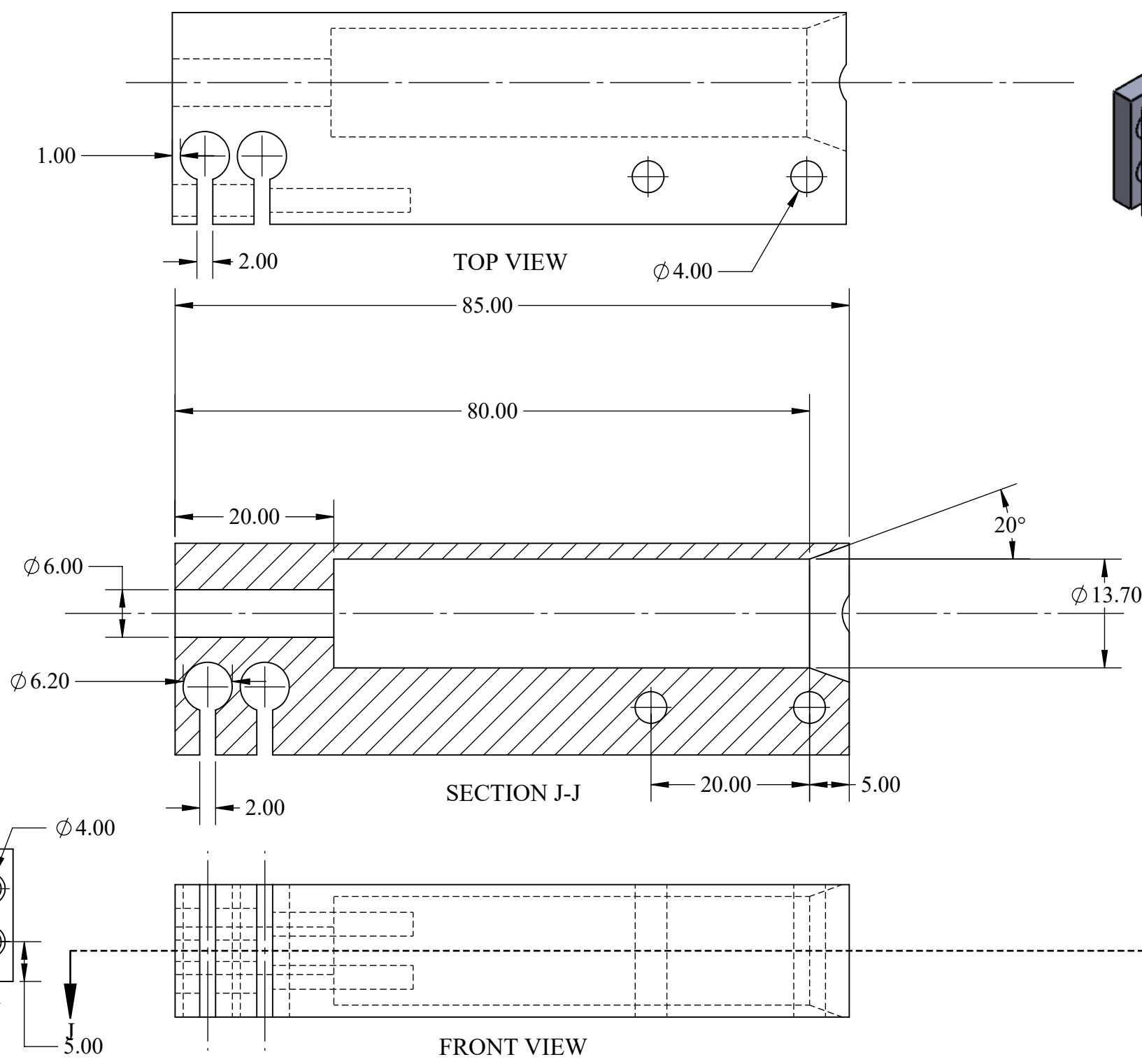
4 3 2 1

B

B

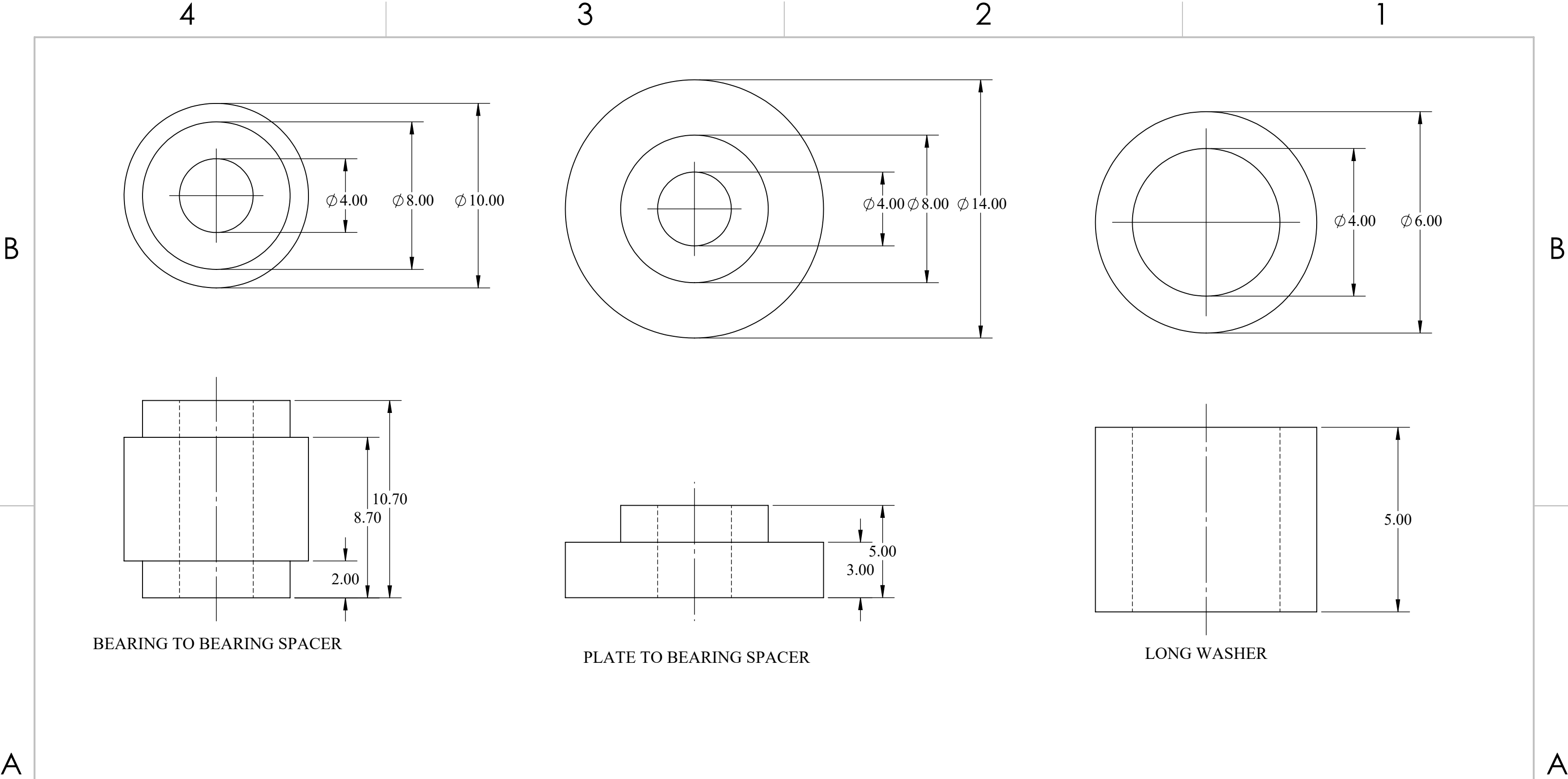
A

A



GR1 MECH DRAWINGS			
TITLE: EXTRUDER HOT BLOCK			
SIZE	DWG. NO.	REV	
B	24		
SCALE: 1.5:1		SHEET 24 OF 37	

UNLESS OTHERWISE SPECIFIED:	DRAWN BY:	NAME	DATE
DIMENSIONS ARE IN MILLIMETERS	CHECKED BY:	PC	25/03/25
MATERIAL:	COMMENTS:		
ALUMINIUM			

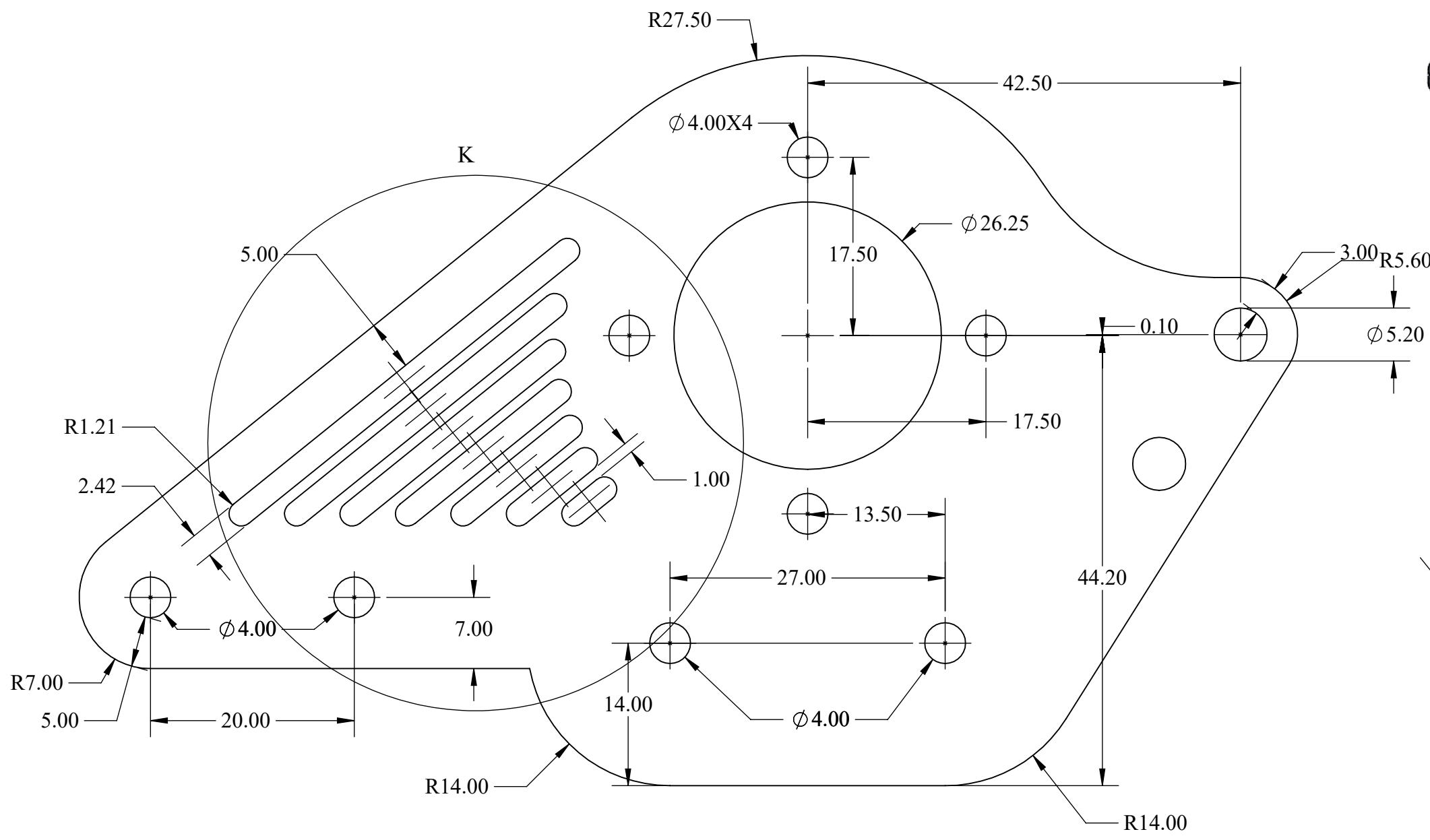


GR1 MECH DRAWINGS			
TITLE: EXTRUDER WASHERS AND SPACERS			
UNLESS OTHERWISE SPECIFIED:	DRAWN BY:	NAME	DATE
DIMENSIONS ARE IN MILLIMETERS	CHECKED BY:	PC	8/04/25
MATERIAL: STEEL	COMMENTS:		
SIZE B	DWG. NO. 25	REV	
SCALE: 5:1		SHEET 25 OF 37	

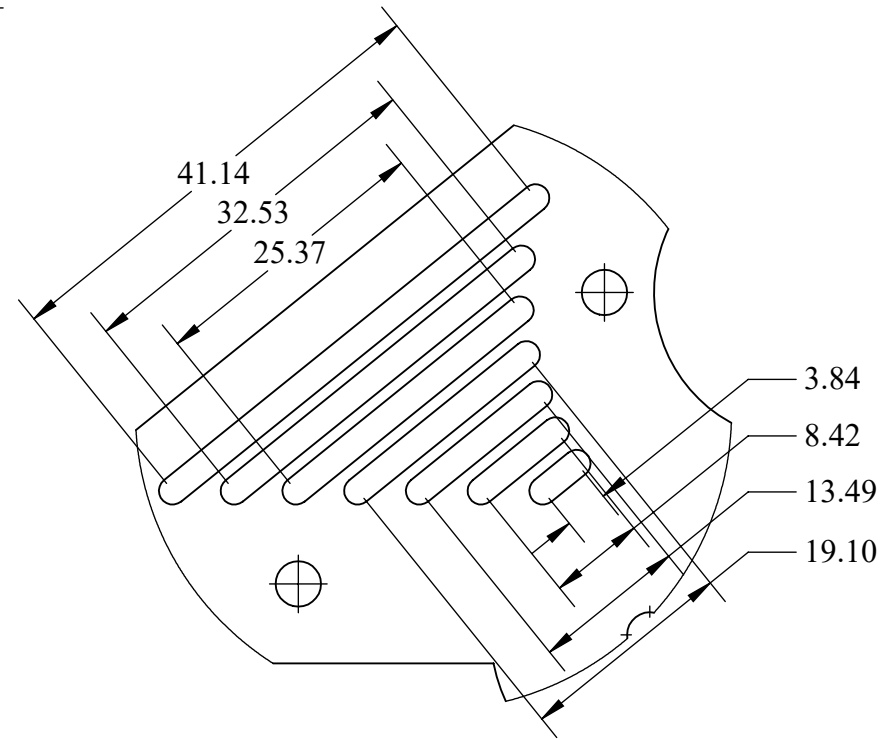
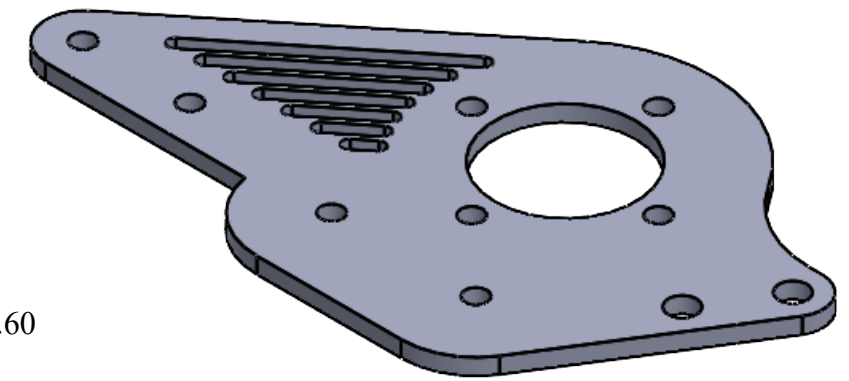
4 3 2 1

B

B



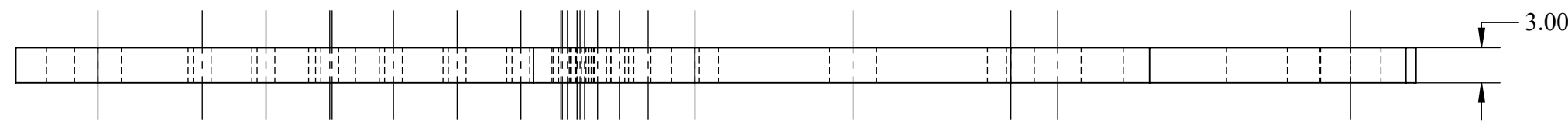
TOP VIEW



DETAIL K
SCALE 1.5 : 1

A

A



FRONT VIEW

UNLESS OTHERWISE SPECIFIED:	
DIMENSIONS ARE IN MILLIMETERS	
MATERIAL:	STEEL

	NAME	DATE
DRAWN BY:	MJL	25/03/25
CHECKED BY:	PC	8/04/25
COMMENTS:		

GR1 MECH DRAWINGS		
TITLE: EXTRUDER HOLD PLATE		
SIZE B	DWG. NO. 26	REV
SCALE: 2:1		SHEET 26 OF 37

4 3 2 1

4

3

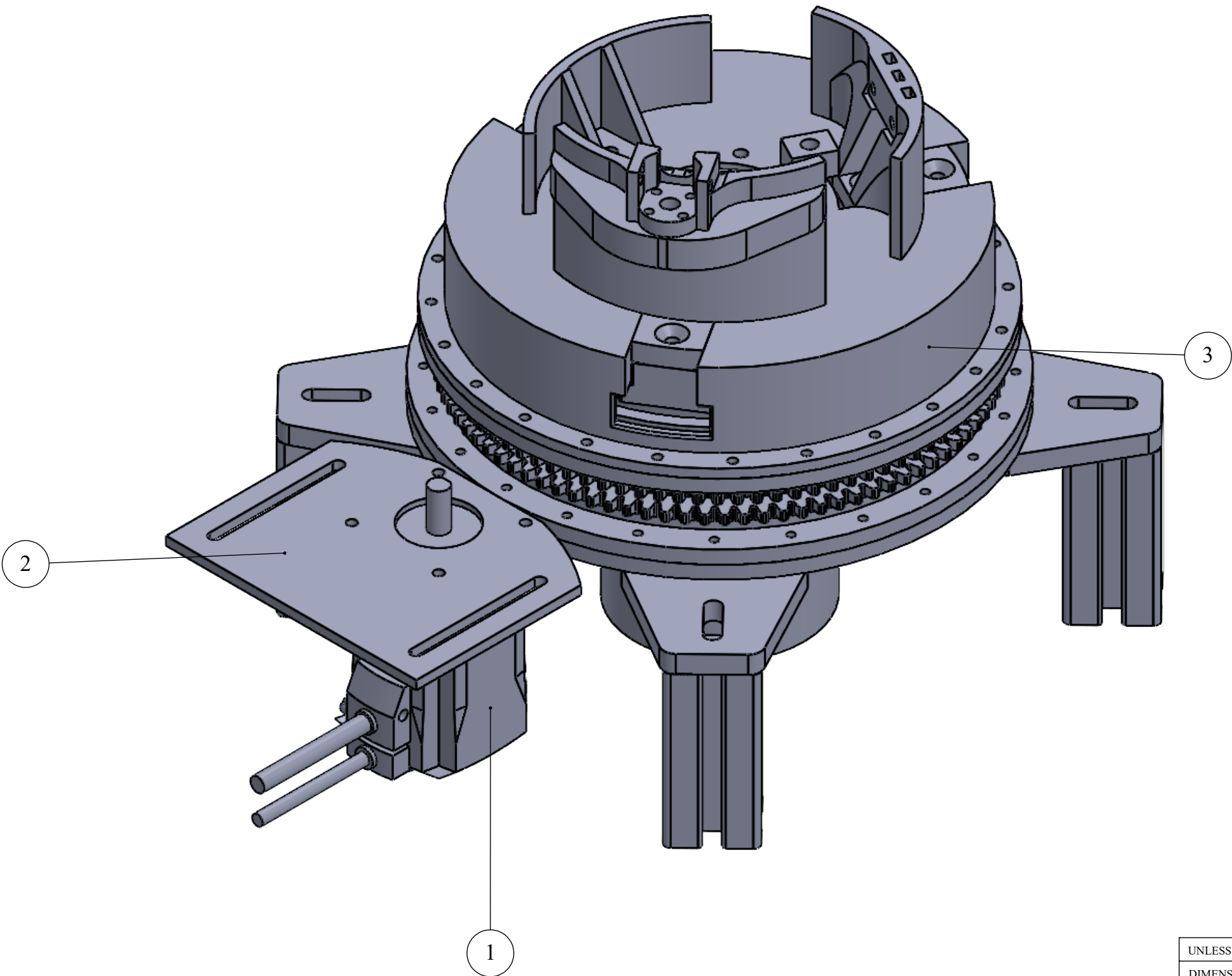
2

1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AZM69AC_V2	SERVO MOTOR	1
2		MOTOR MOUNTING PLATE	1
3		WINDER MECHANISM	1

B

B



A

A

	NAME	DATE
DRAWN BY:	MJL	25/03/25
CHECKED BY:	PC	8/04/25
UNLESS OTHERWISE SPECIFIED:	COMMENTS:	
DIMENSIONS ARE IN MILLIMETERS		
MATERIAL:		

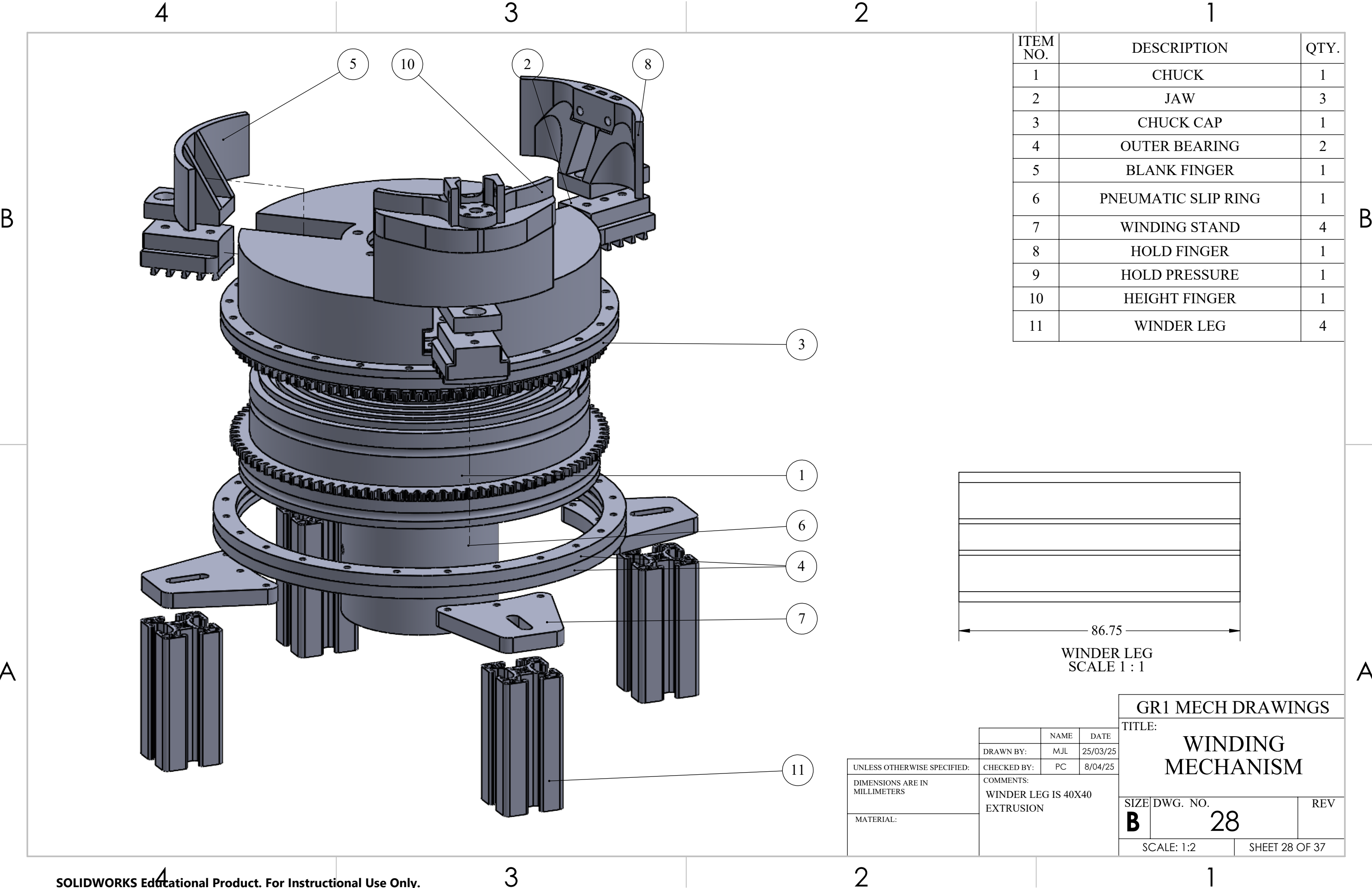
GR1 MECH DRAWINGS		
TITLE: WINDER ASSEMBLY		
SIZE B	DWG. NO. 27	REV
SCALE: 1:2		SHEET 27 OF 37

4

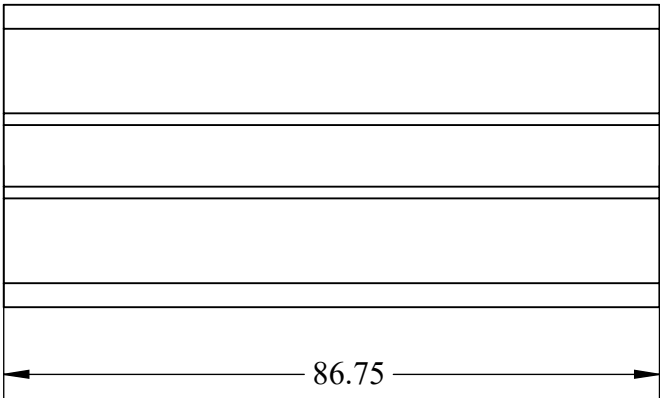
3

2

1



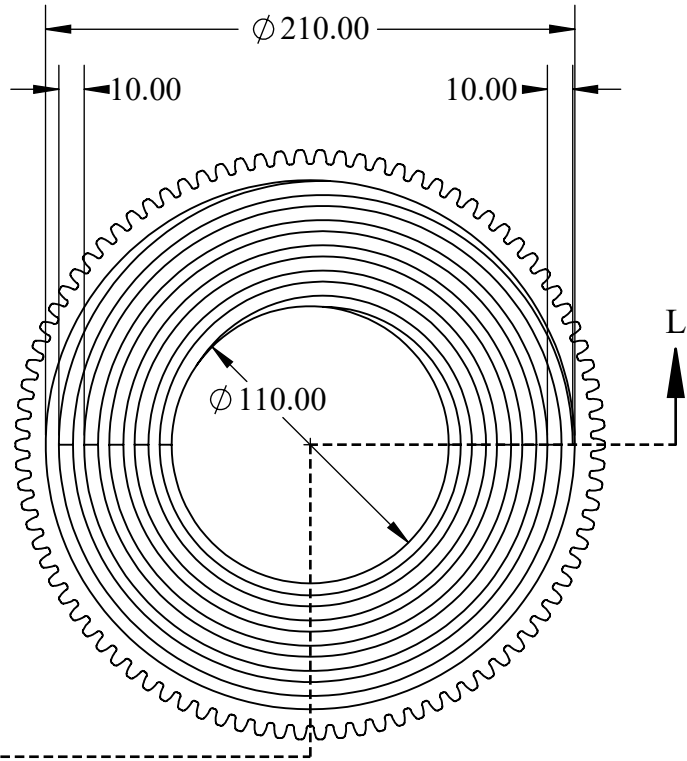
ITEM NO.	DESCRIPTION	QTY.
1	CHUCK	1
2	JAW	3
3	CHUCK CAP	1
4	OUTER BEARING	2
5	BLANK FINGER	1
6	PNEUMATIC SLIP RING	1
7	WINDING STAND	4
8	HOLD FINGER	1
9	HOLD PRESSURE	1
10	HEIGHT FINGER	1
11	WINDER LEG	4



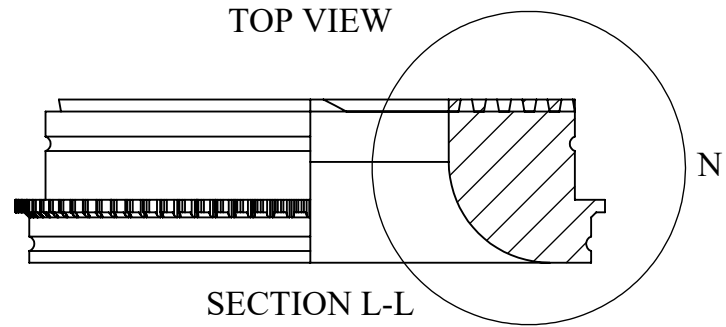
WINDER LEG
SCALE 1 : 1

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS	DRAWN BY:	NAME	DATE
	CHECKED BY:	PC	8/04/25
MATERIAL:	COMMENTS: WINDER LEG IS 40X40 EXTRUSION		

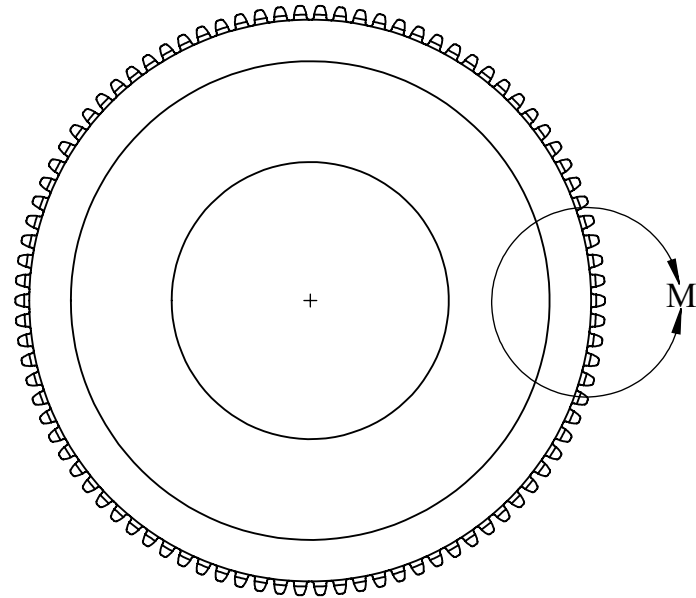
GR1 MECH DRAWINGS		
TITLE: WINDING MECHANISM		
SIZE B	DWG. NO. 28	REV
SCALE: 1:2		SHEET 28 OF 37



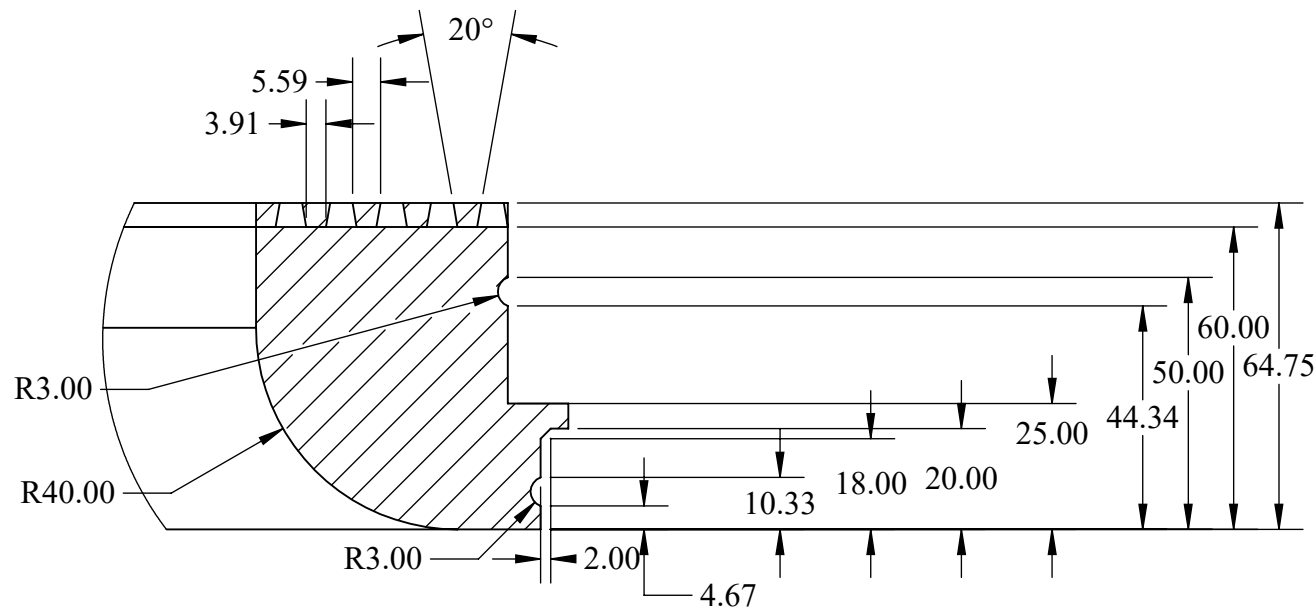
TOP VIEW



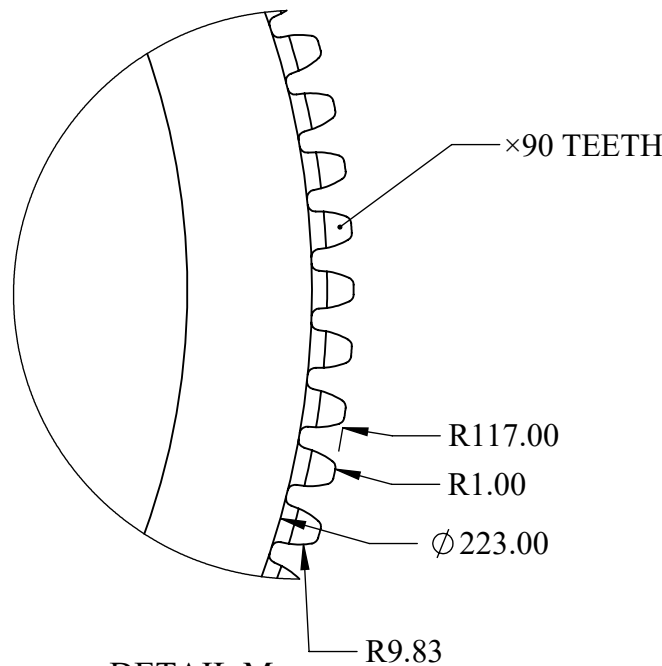
SECTION L-L



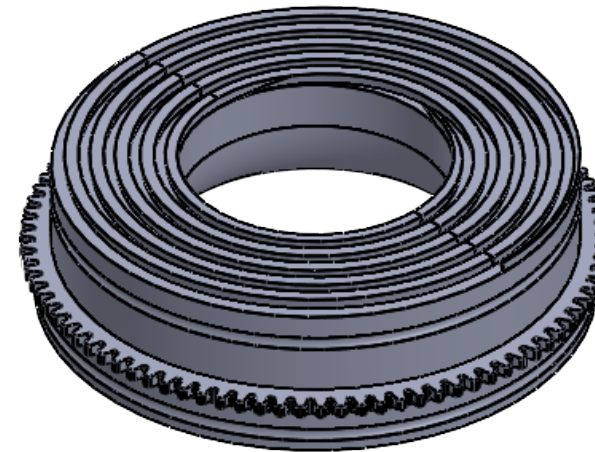
BOTTOM VIEW



DETAIL N
SCALE 2 : 3



DETAIL M
SCALE 1 : 1

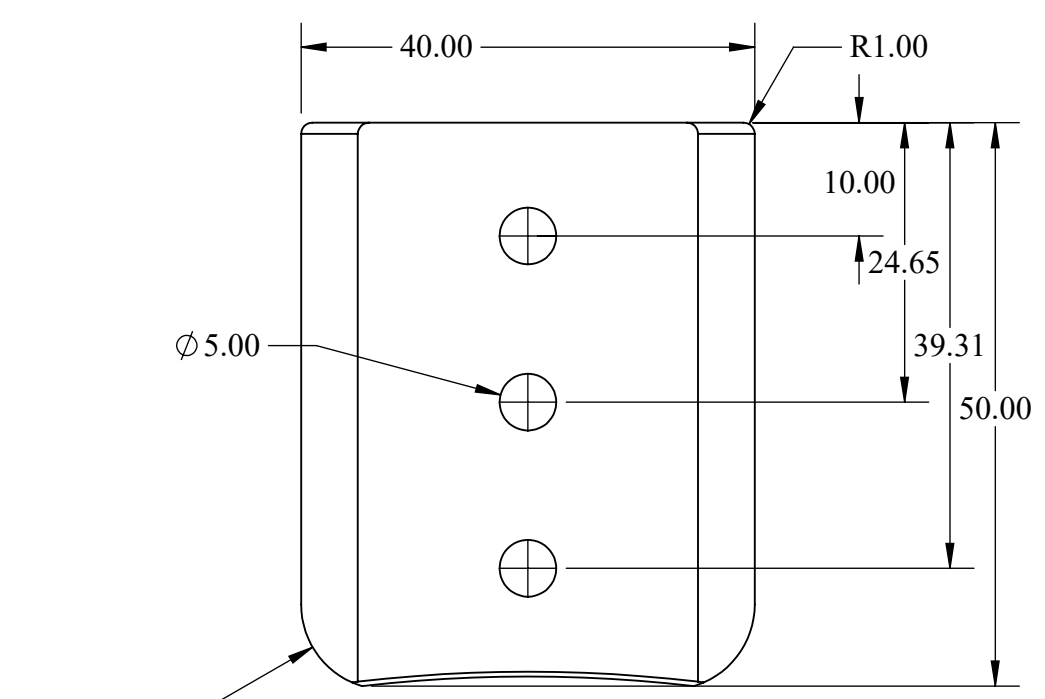


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS	DRAWN BY:	NAME	DATE
	CHECKED BY:	PC	8/04/25
MATERIAL: ABS	COMMENTS:		

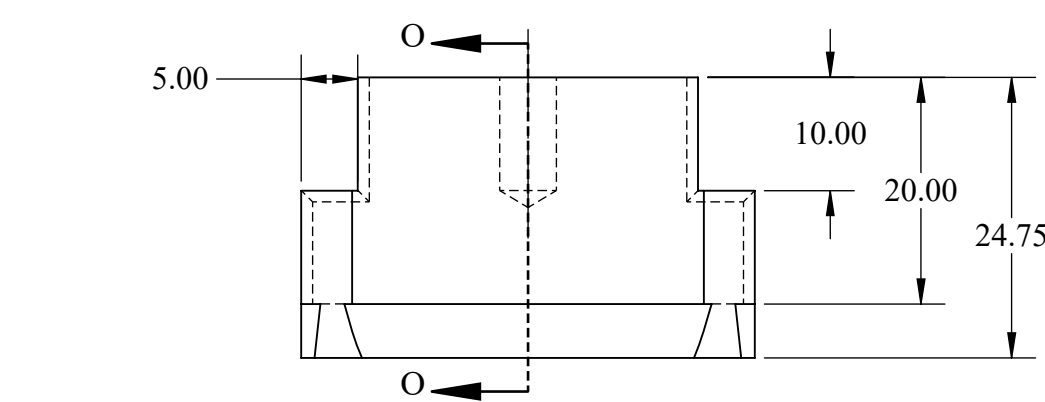
GR1 MECH DRAWINGS		
TITLE: WINDER CHUCK		
SIZE B	DWG. NO. 29	REV
SCALE: 1:3		SHEET 29 OF 37

B

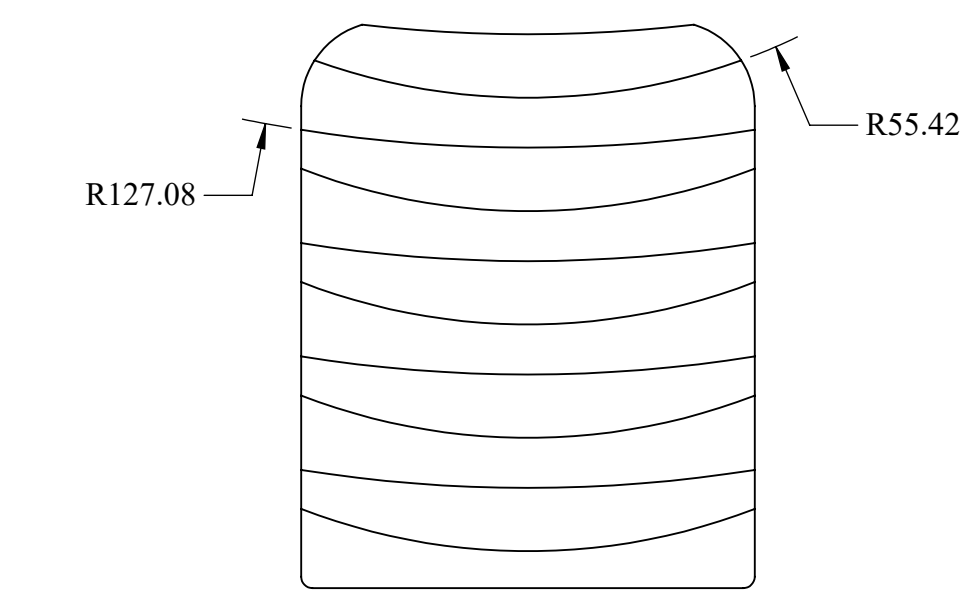
B



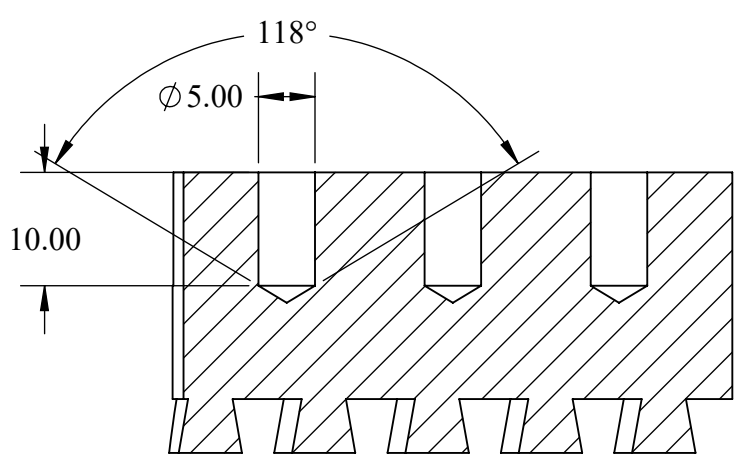
TOP VIEW



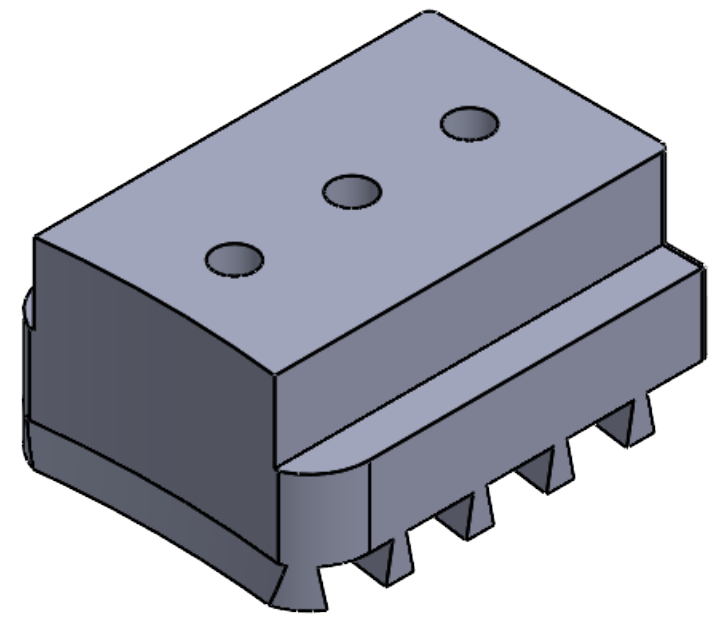
FRONT VIEW



BOTTOM VIEW



SECTION O-O



A

A

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS MATERIAL: ABS	DRAWN BY:	NAME	DATE
	CHECKED BY:	PC	8/04/25
	COMMENTS:		

GR1 MECH DRAWINGS		
TITLE: WINDER JAWS		
SIZE B	DWG. NO. 30	REV
SCALE: 3:2		SHEET 30 OF 37

4

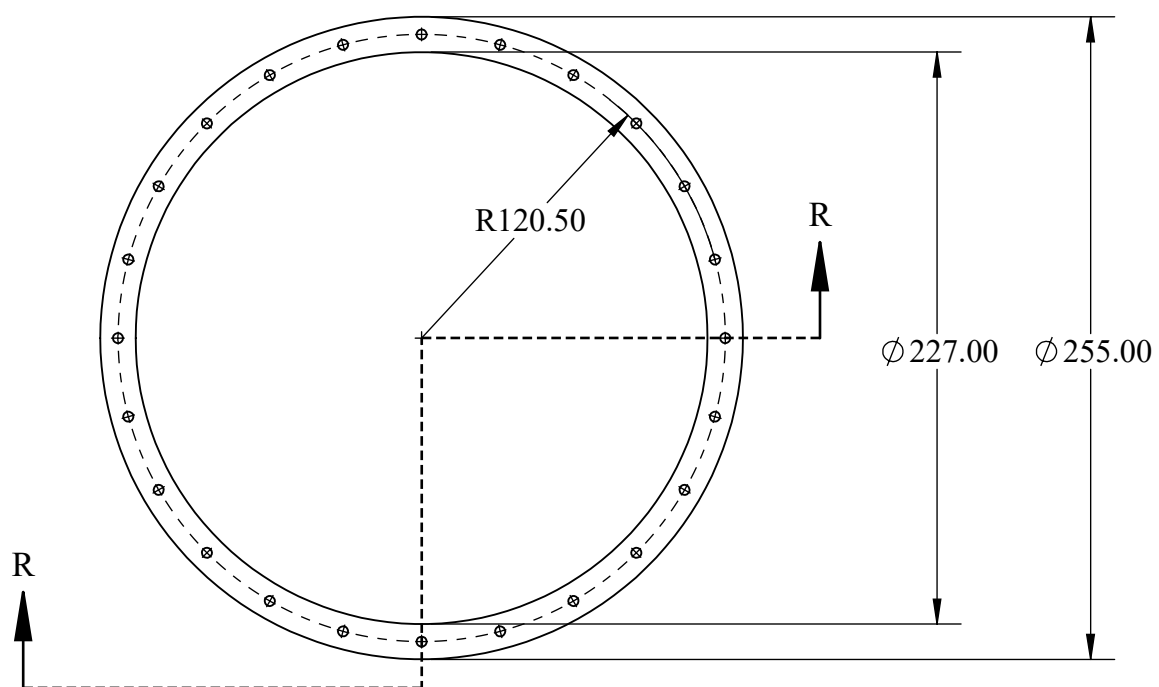
3

2

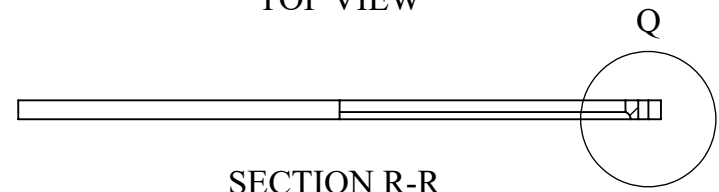
1

B

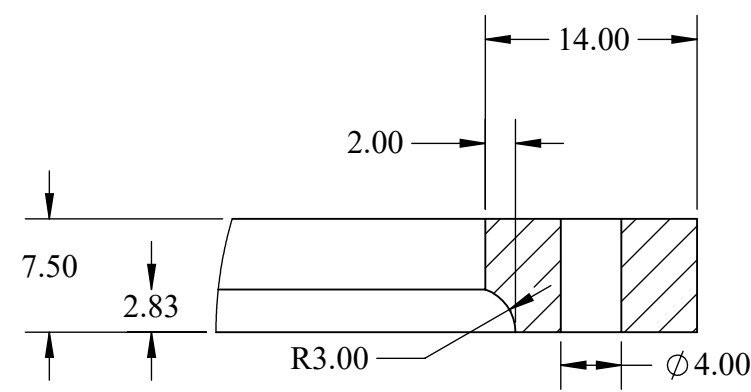
B



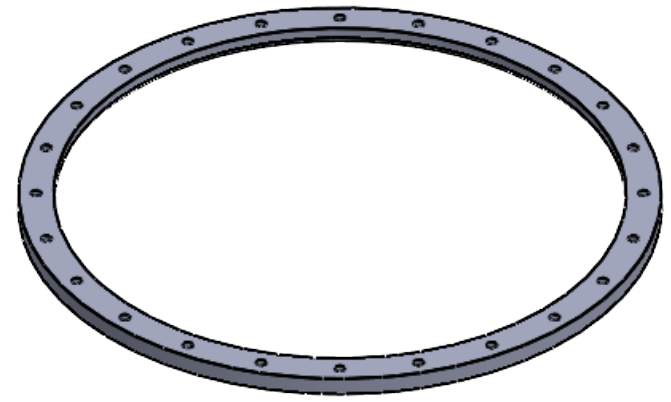
TOP VIEW



SECTION R-R

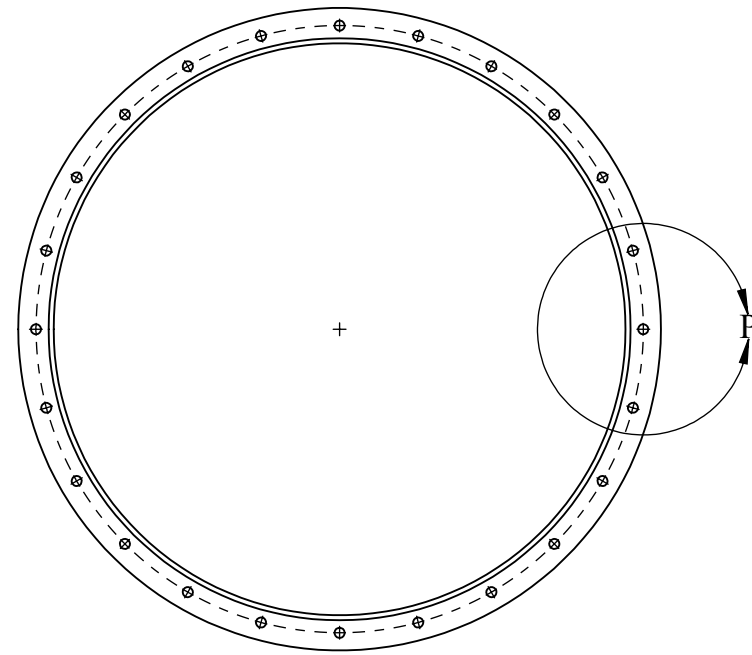


DETAIL Q
SCALE 2 : 1

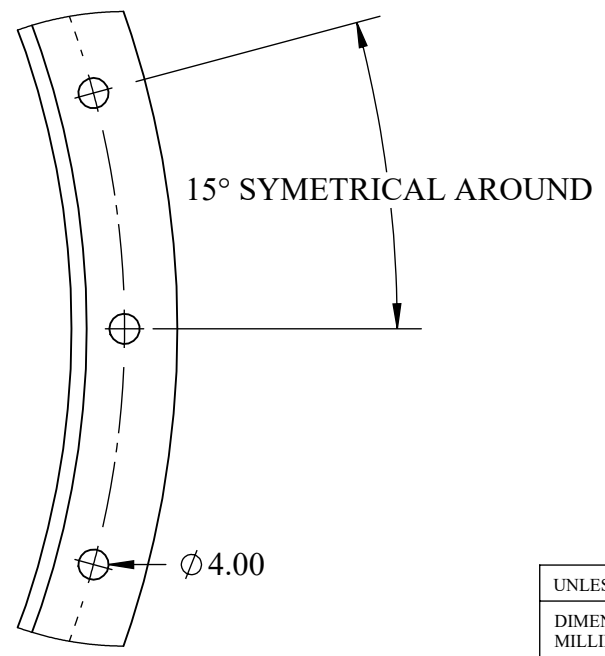


A

A



BOTTOM VIEW

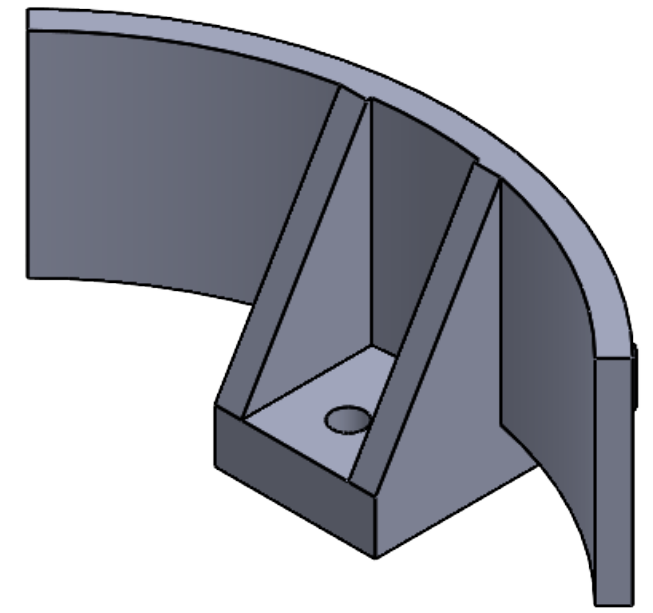
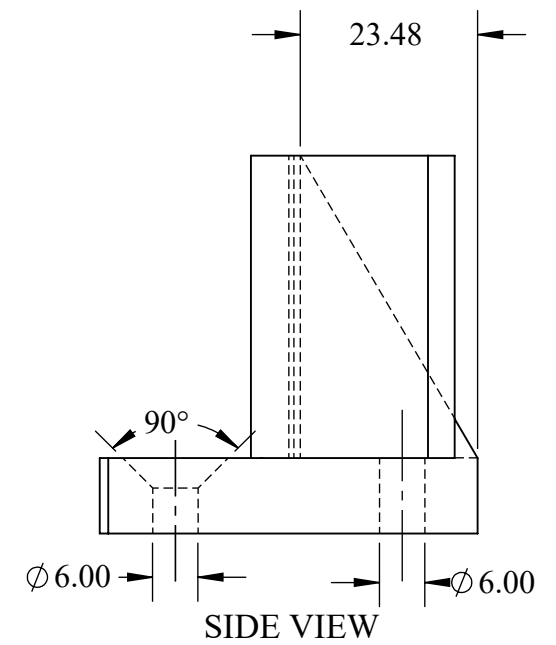
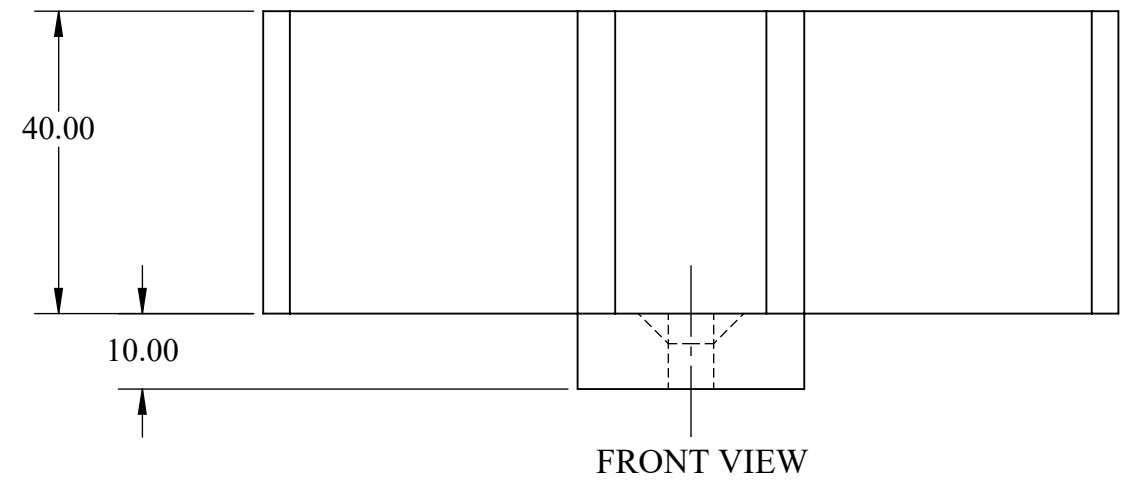
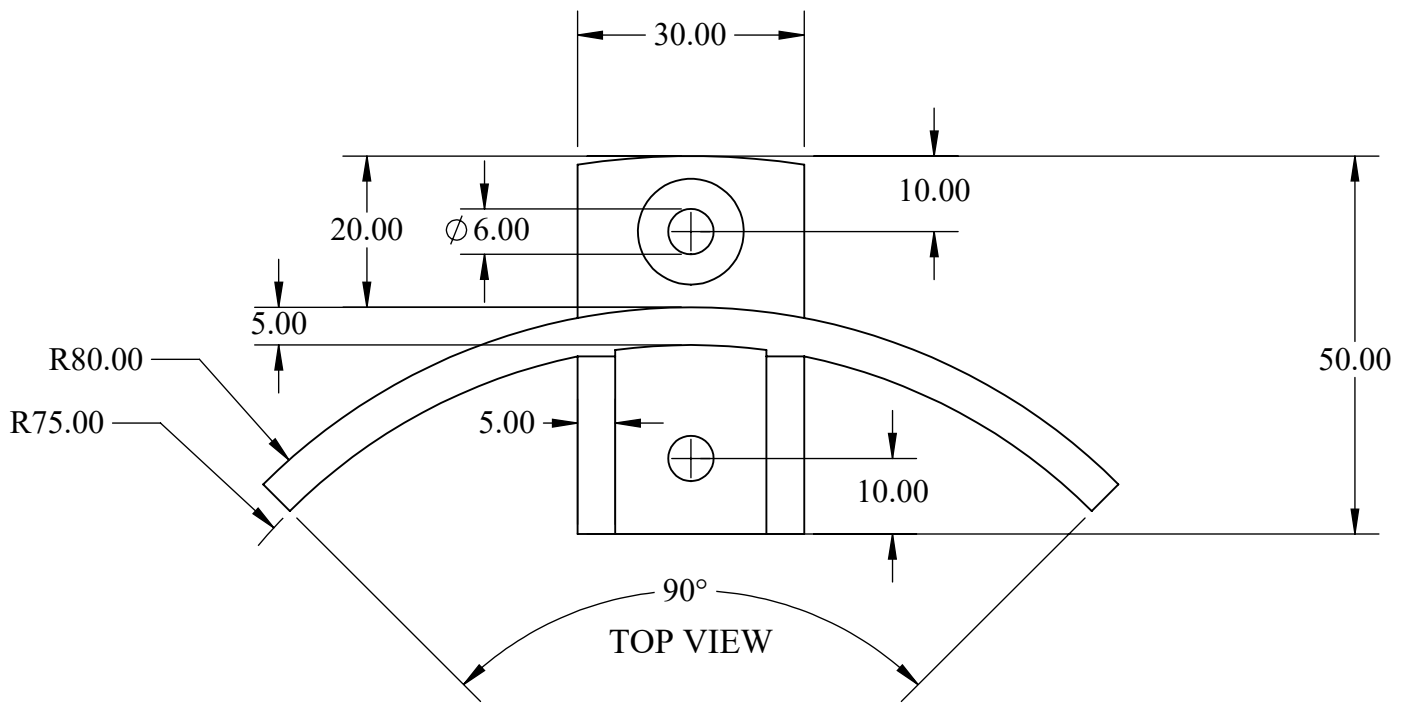


DETAIL P
SCALE 1 : 1

UNLESS OTHERWISE SPECIFIED:	
DIMENSIONS ARE IN MILLIMETERS	
MATERIAL:	ABS

	NAME	DATE
DRAWN BY:	MJL	25/03/25
CHECKED BY:	PC	8/04/25
COMMENTS:		
* TWO PARTS REQUIRED FOR ASSEMBLY		

GR1 MECH DRAWINGS		
TITLE:		
WINDER OUTER BEARING TOP		
SIZE	DWG. NO.	REV
B	31	
SCALE: 1:3		SHEET 31 OF 37



	NAME	DATE
DRAWN BY:	MJL	25/03/25
CHECKED BY:	PC	8/04/25
UNLESS OTHERWISE SPECIFIED:	COMMENTS:	
DIMENSIONS ARE IN MILLIMETERS		
MATERIAL:	ABS	

GR1 MECH DRAWINGS		
TITLE:		
WINDER BLANK FINGER		
SIZE	DWG. NO.	REV
B	32	
SCALE: 1:1		SHEET 32 OF 37

4

3

2

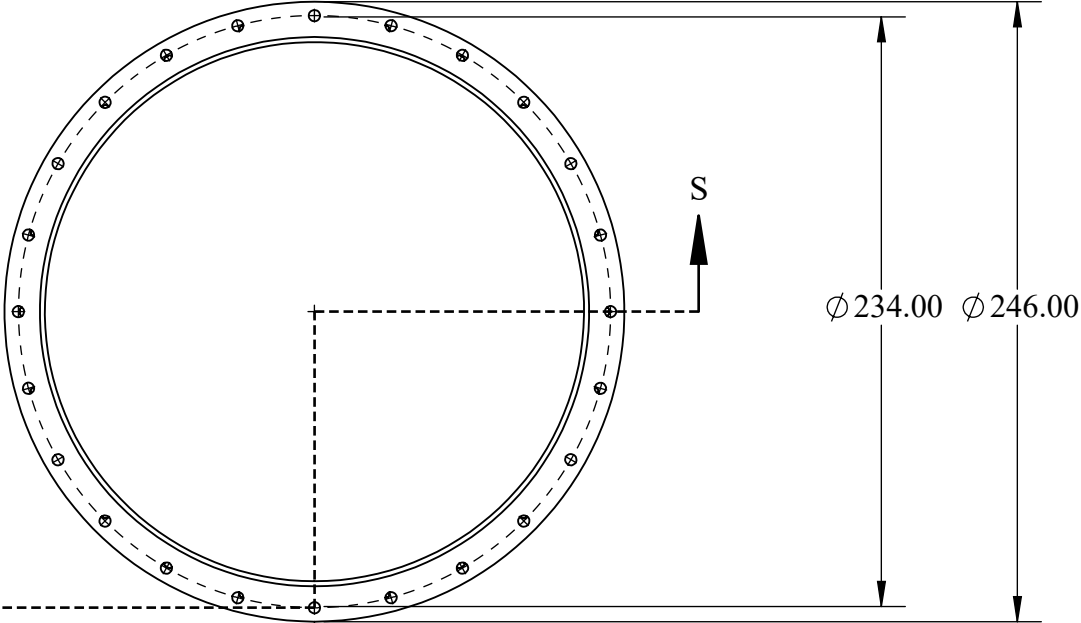
1

B

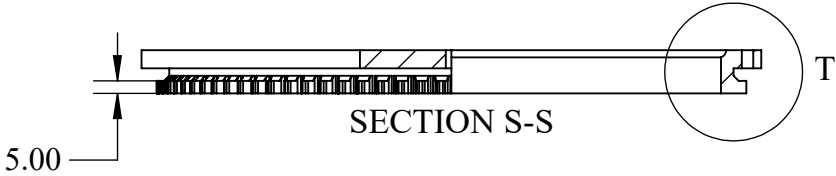
B

A

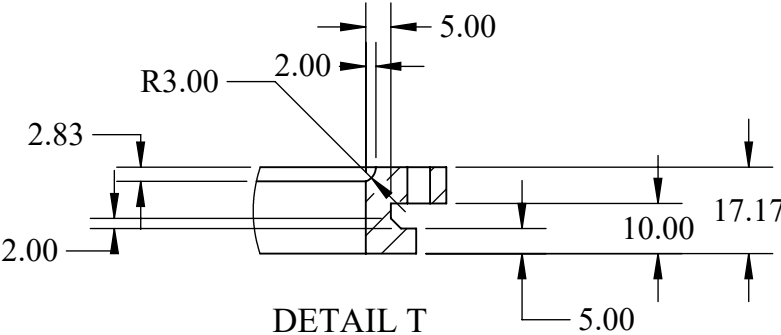
A



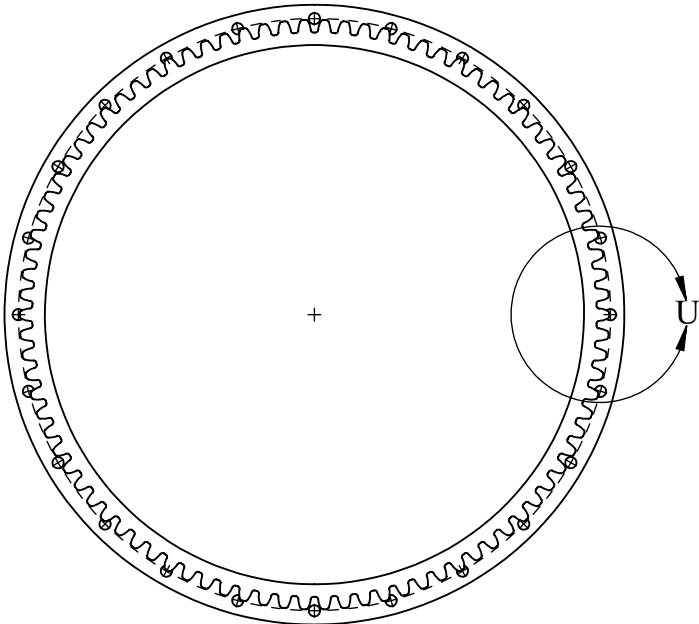
TOP VIEW



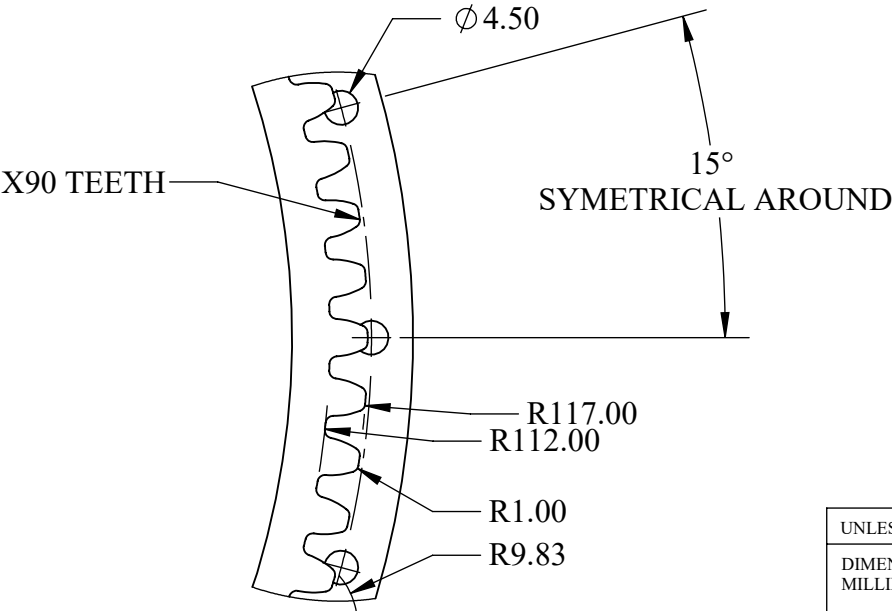
SECTION S-S



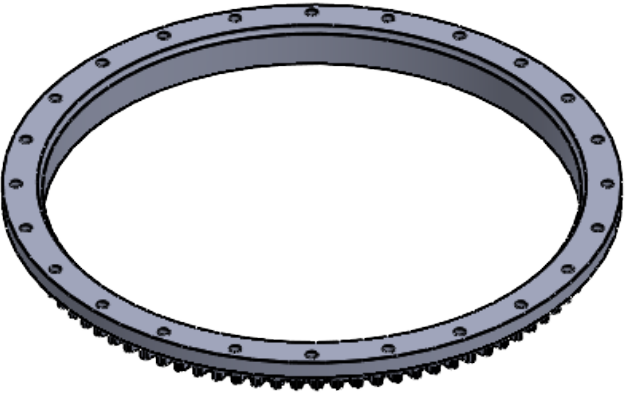
DETAIL T
SCALE 2 : 3



BOTTOM VIEW



DETAIL U
SCALE 1 : 1



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
MATERIAL: ABS

	NAME	DATE
DRAWN BY:	MJL	25/03/25
CHECKED BY:	PC	8/04/25

GR1 MECH DRAWINGS		
TITLE: WINDER CHUCK CAP BOTTOM		
SIZE B	DWG. NO. 33	REV
SCALE: 1:3		SHEET 33 OF 37

4

3

2

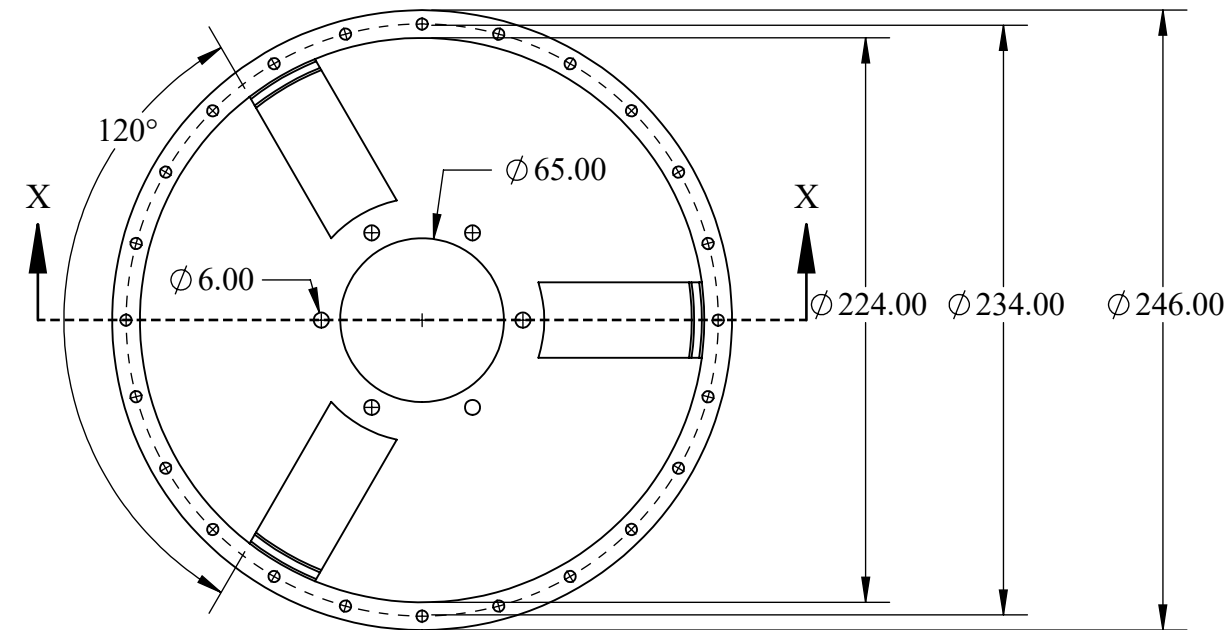
1

B

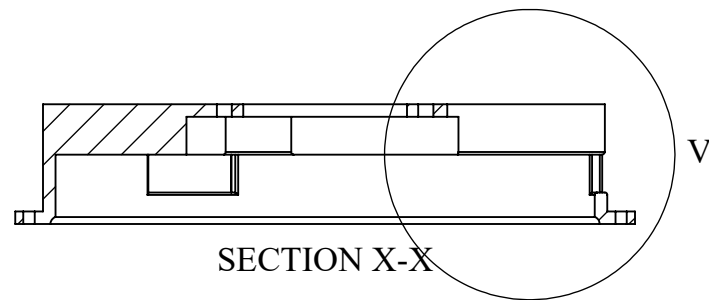
A

B

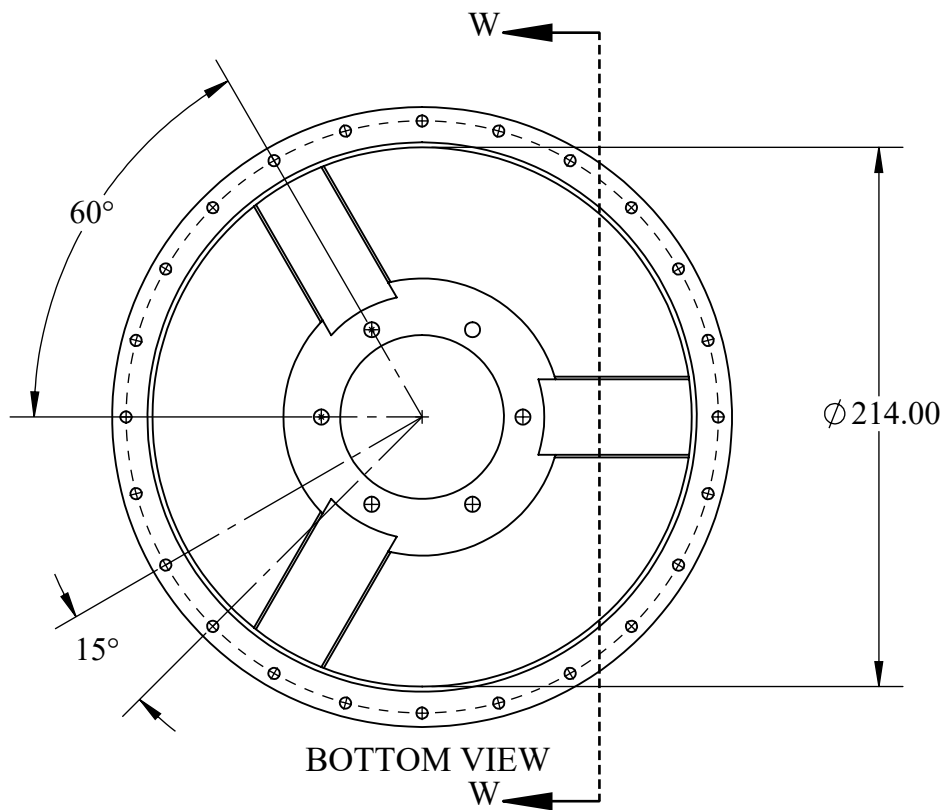
A



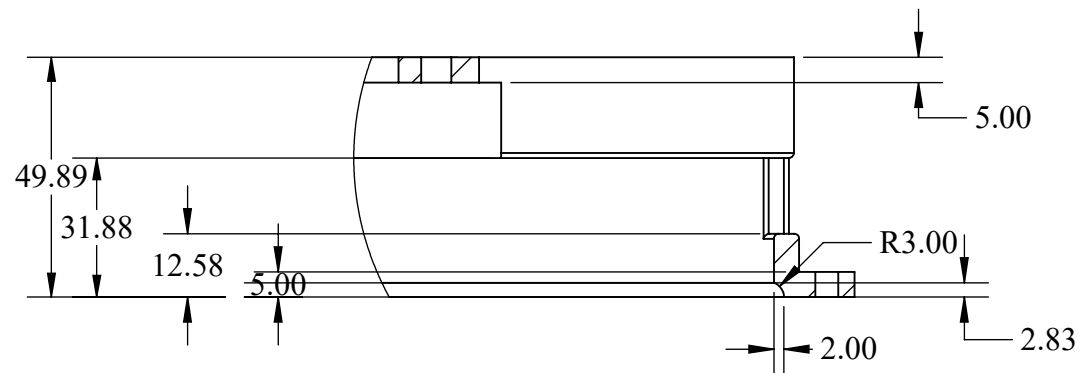
TOP VIEW



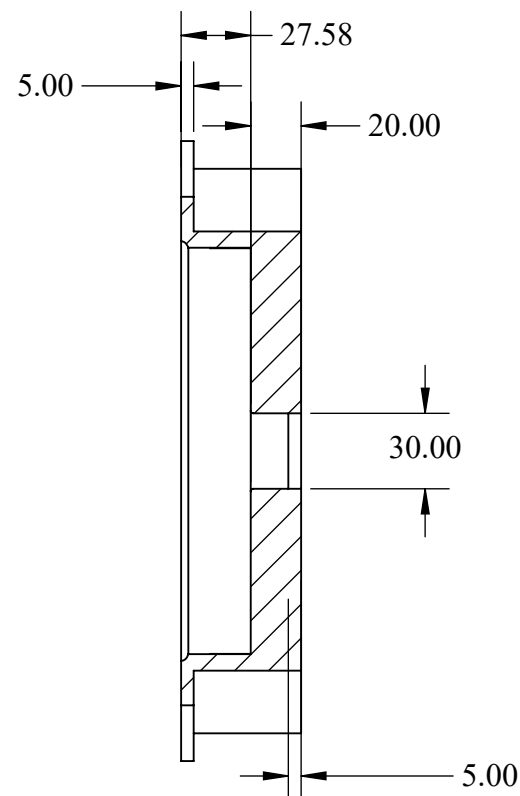
SECTION X-X



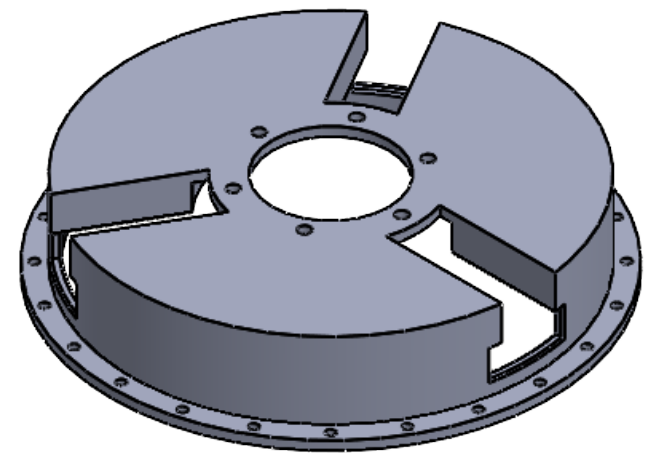
BOTTOM VIEW



DETAIL V
SCALE 2 : 3

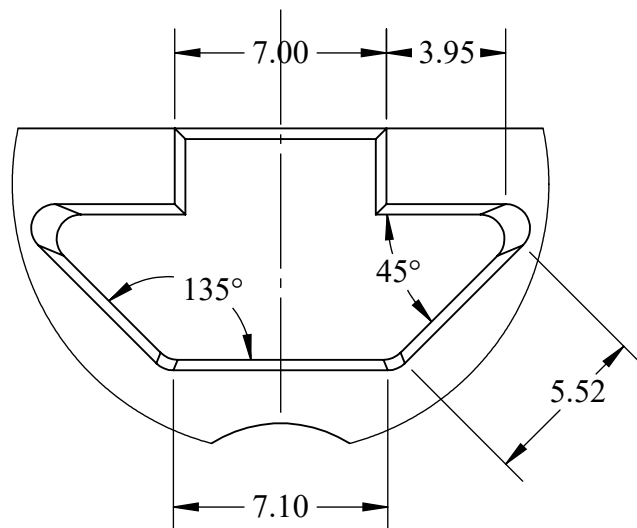


SECTION W-W

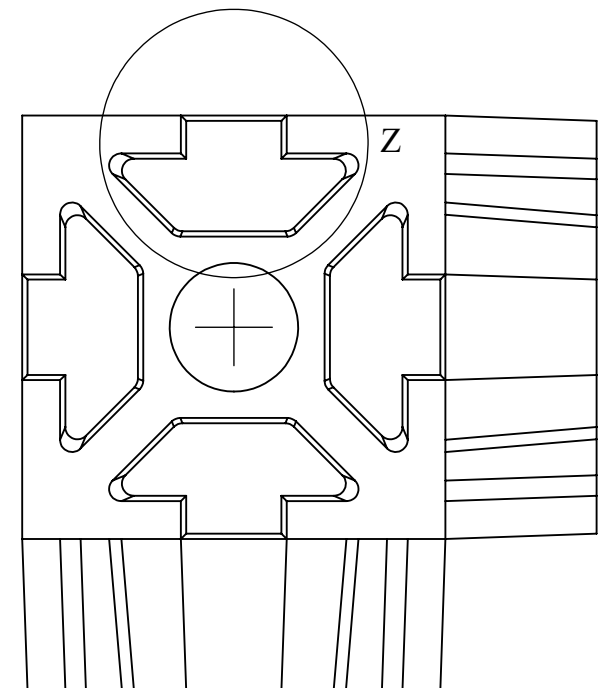


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS	DRAWN BY:	MJL	25/03/25
	CHECKED BY:	PC	8/04/25
MATERIAL: ABS	COMMENTS:		

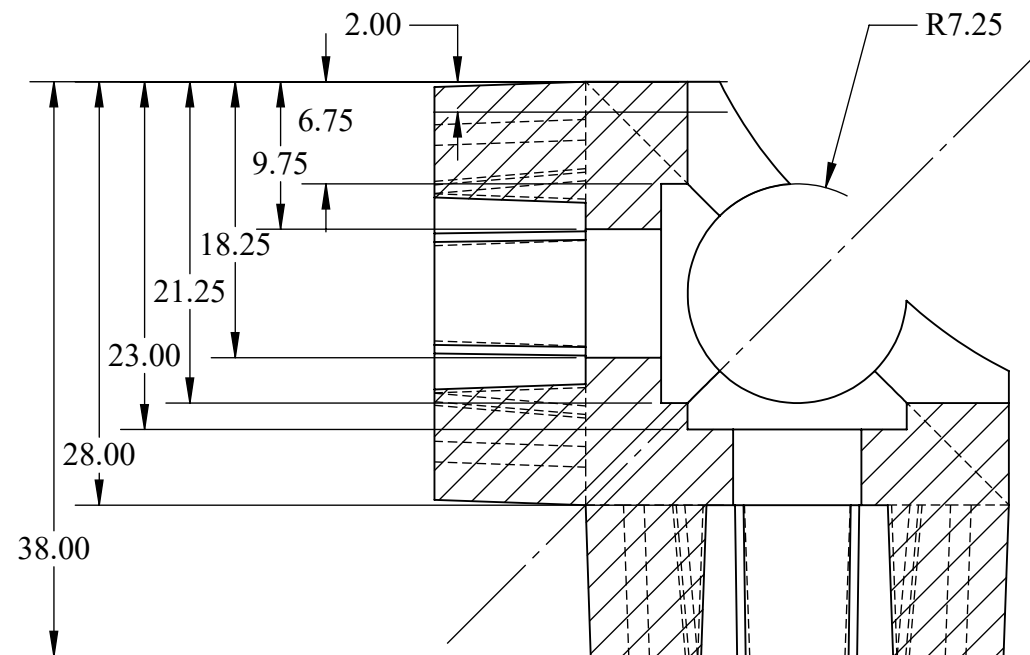
GR1 MECH DRAWINGS		
TITLE: WINDER CHUCK CAP TOP		
SIZE B	DWG. NO. 34	REV
SCALE: 1:3		SHEET 34 OF 37



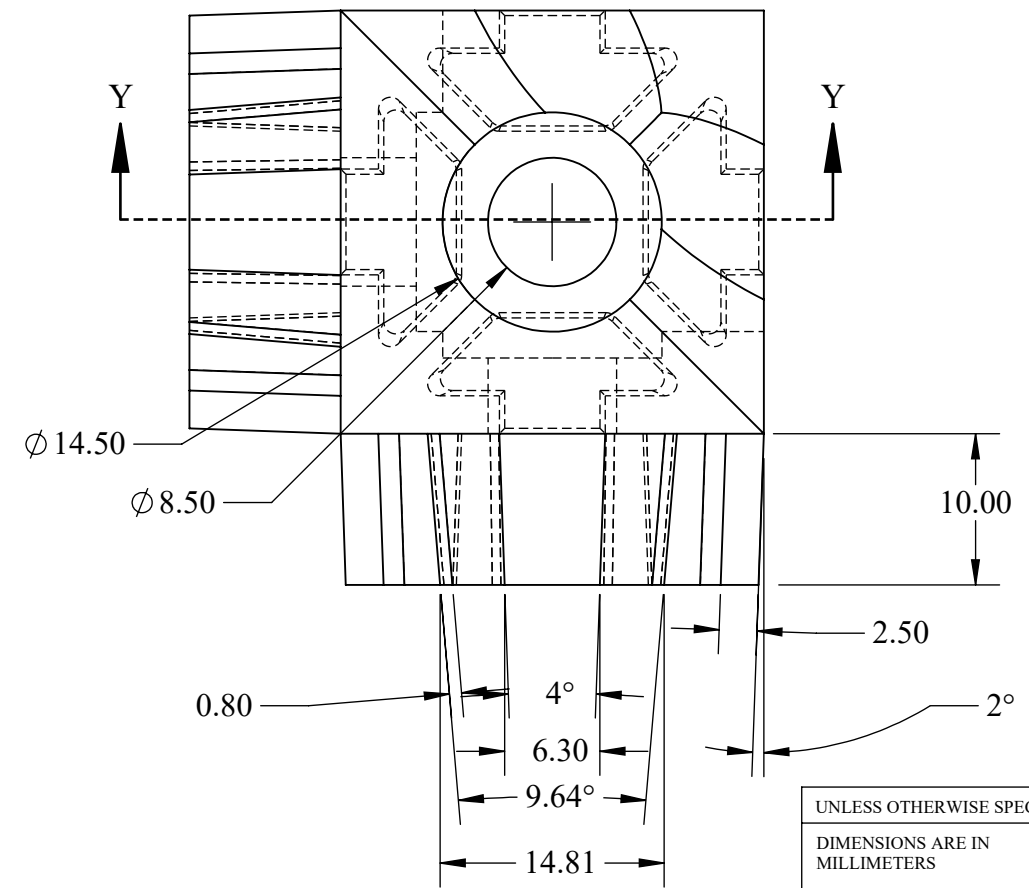
DETAIL Z
SCALE 4 : 1



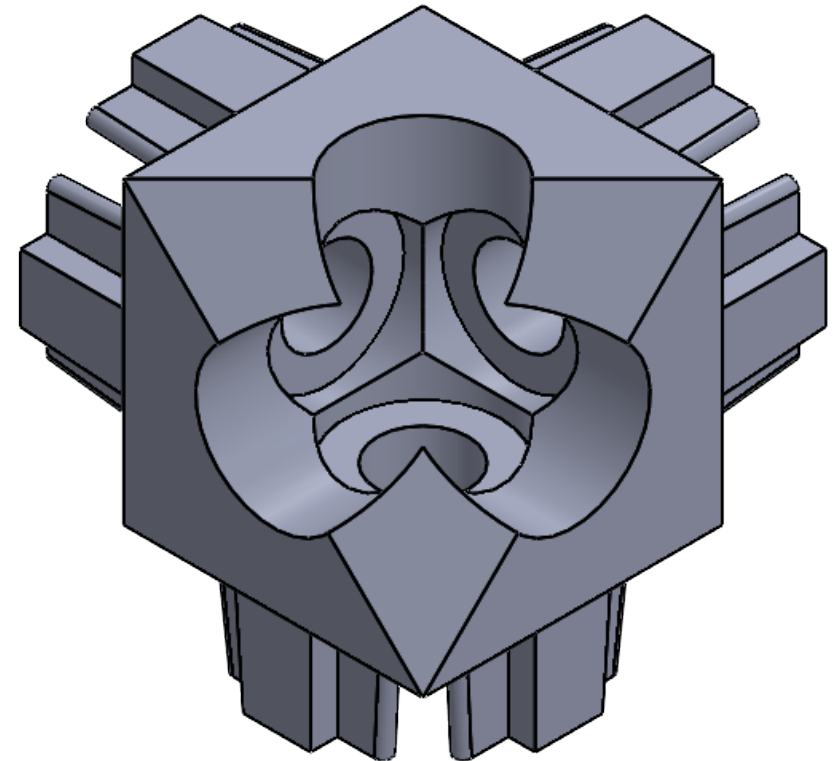
SIDE VIEW



SECTION Y-Y



TOP VIEW



UNLESS OTHERWISE SPECIFIED:	
DIMENSIONS ARE IN MILLIMETERS	
MATERIAL:	
ABS	

	NAME	DATE
DRAWN BY:	MJL	25/03/25
CHECKED BY:	PC	8/04/25
COMMENTS:		

GR1 MECH DRAWINGS		
TITLE:		
CORNER BRACKET		
SIZE	DWG. NO.	REV
B	35	
SCALE: 2:1		SHEET 35 OF 37

4

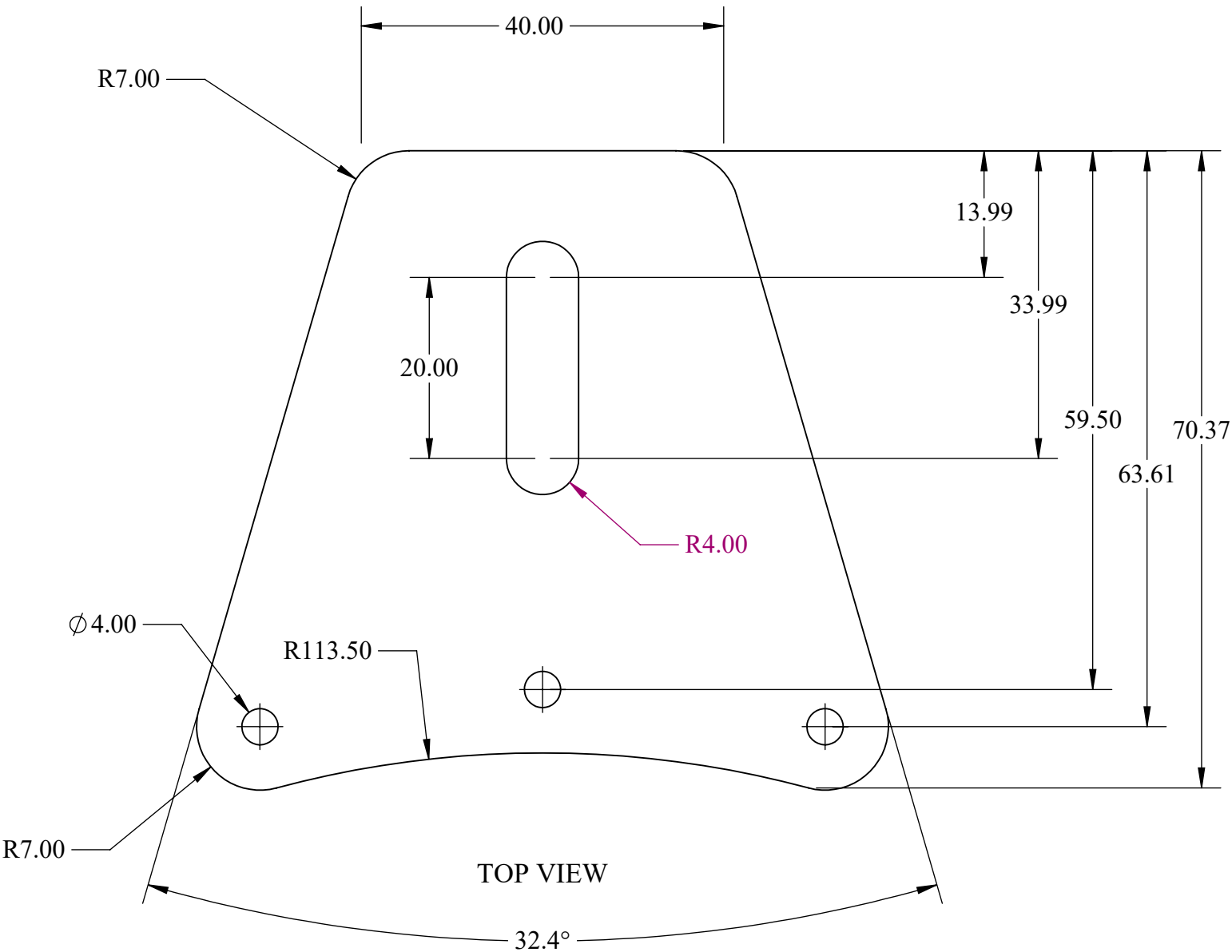
3

2

1

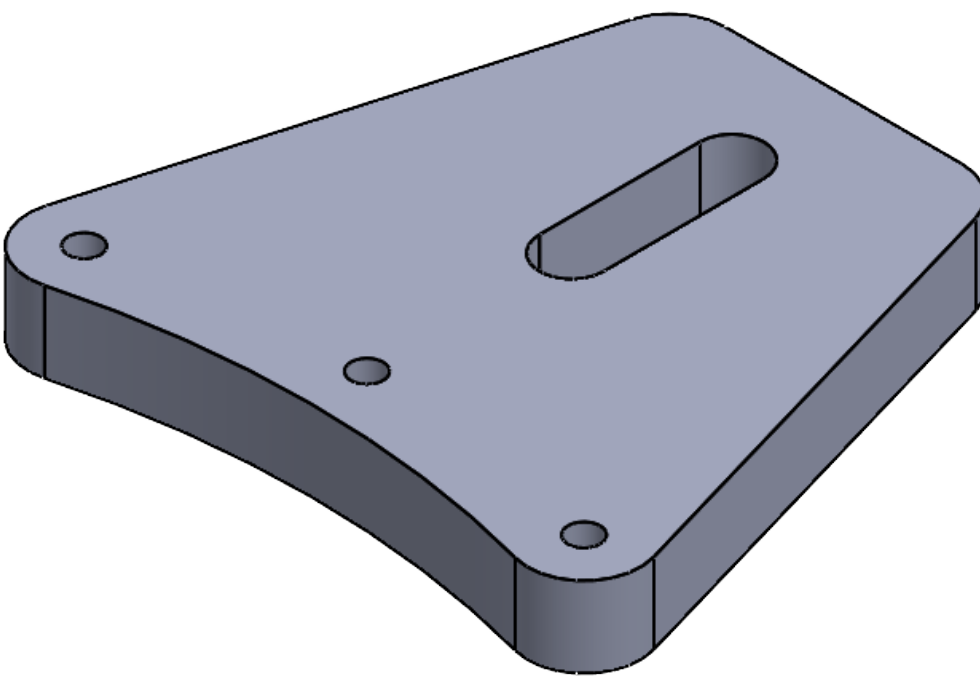
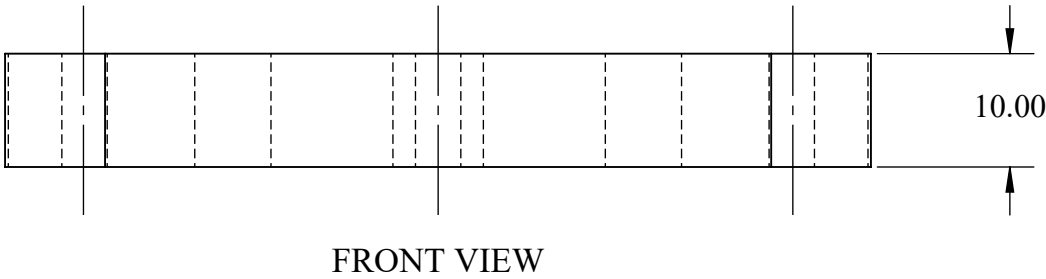
B

B



A

A



UNLESS OTHERWISE SPECIFIED:	CHECKED BY:	PC	8/04/25
DIMENSIONS ARE IN MILLIMETERS	COMMENTS:		
MATERIAL:			
ABS			

	NAME	DATE
DRAWN BY:	MJL	25/03/25
CHECKED BY:	PC	8/04/25

GR1 MECH DRAWINGS		
TITLE: WINDING STAND BRACKET		
SIZE B	DWG. NO. 36	REV
SCALE: 1.5:1		SHEET 36 OF 37

4

3

2

1

4

3

2

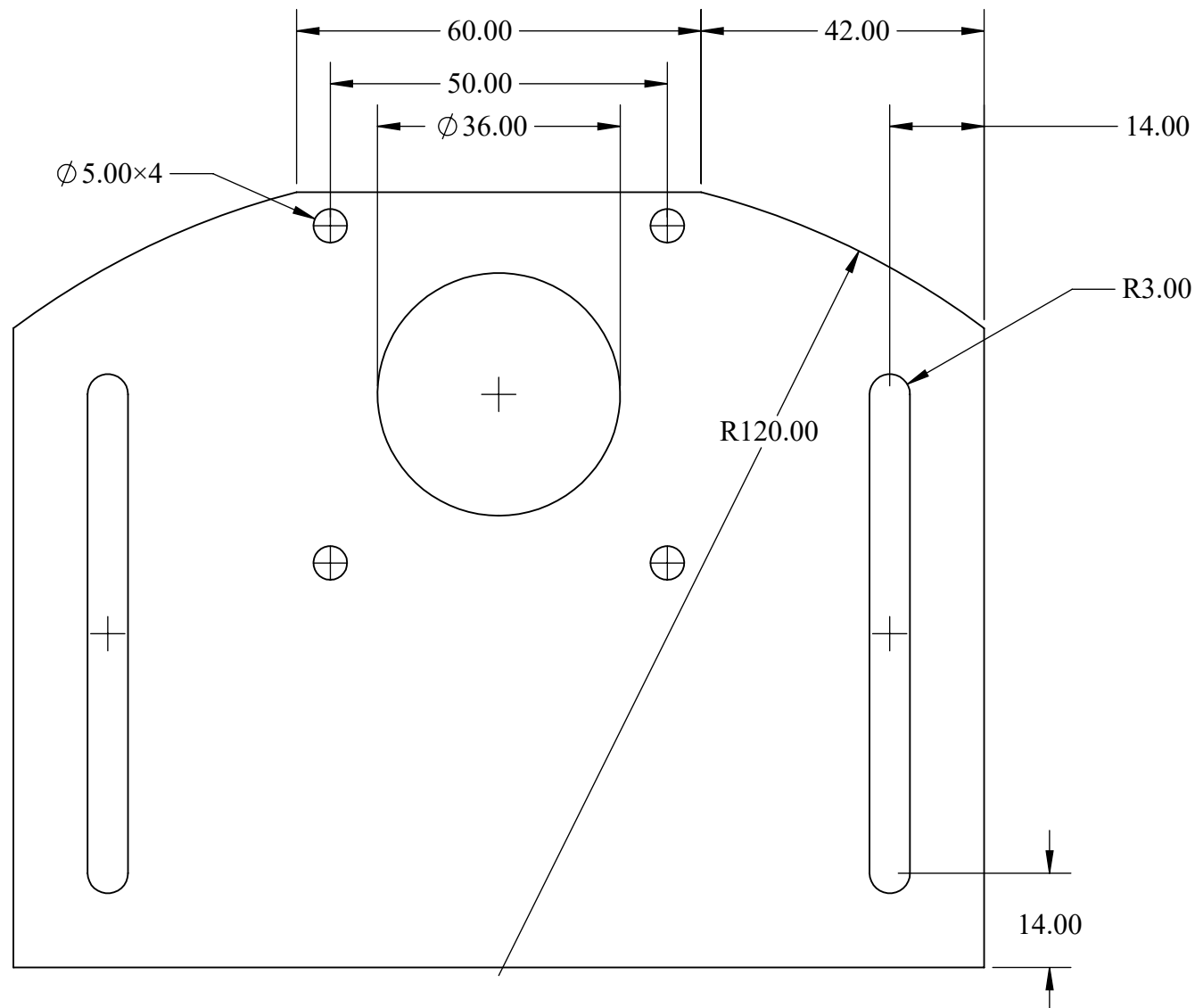
1

B

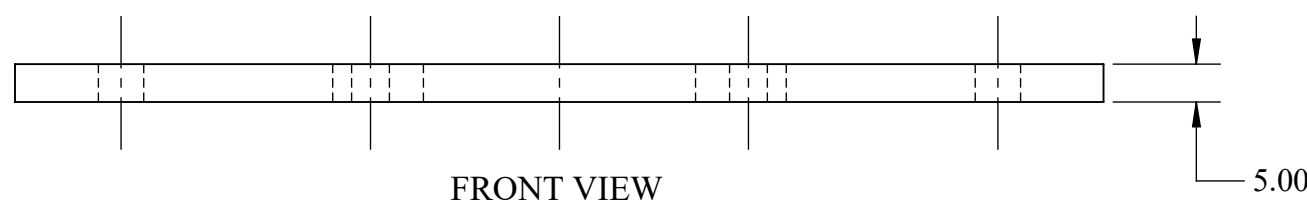
B

A

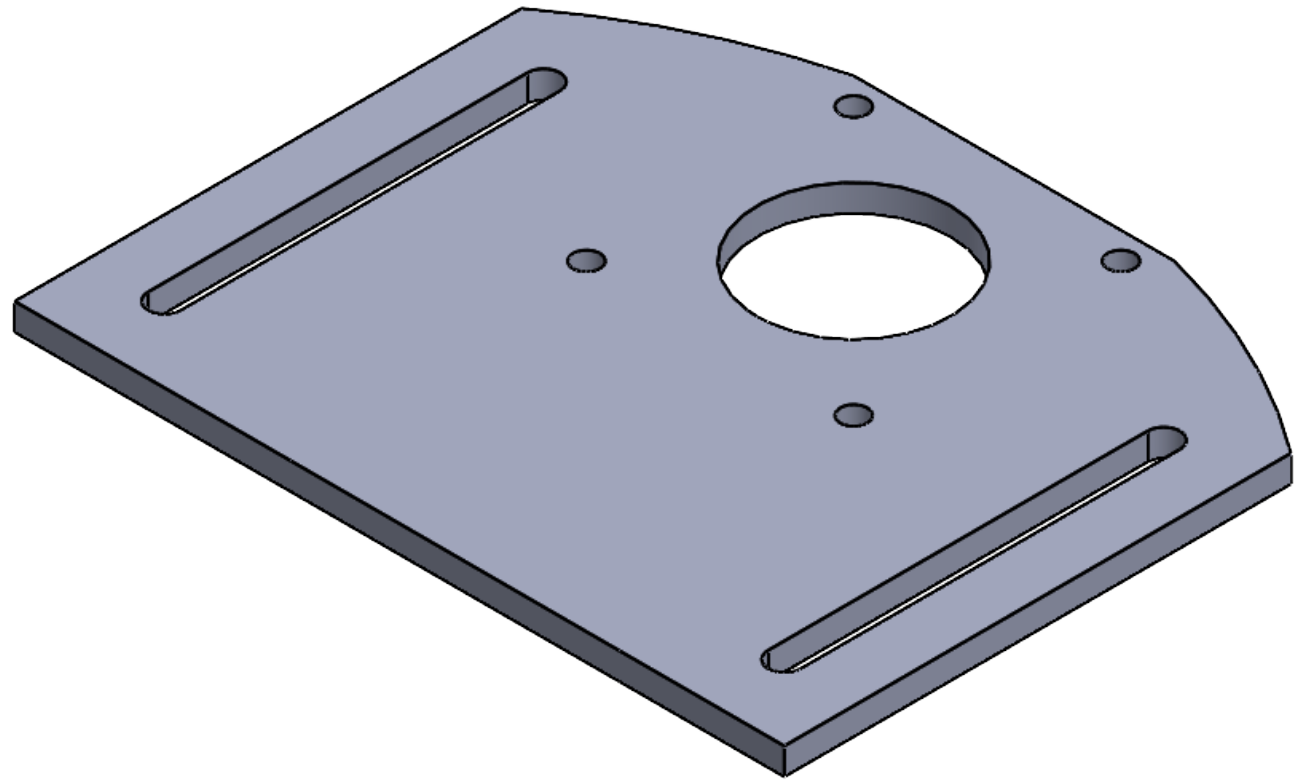
A



TOP VIEW



FRONT VIEW



GR1 MECH DRAWINGS			
TITLE:			
MOTOR MOUNTING PLATE			
SIZE	DWG. NO.	REV	
B	37		
SCALE: 1:1		SHEET 37 OF 37	

UNLESS OTHERWISE SPECIFIED:	NAME	DATE
DIMENSIONS ARE IN MILLIMETER TOLERANCES	DRAWN BY MJL	25/03/25
MATERIAL	CHECKED BY PC	8/04/25
ALUMINIUM	COMMENTS:	