ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Base	3D Printed PETG	1
2	Elegoo_UnoR3	Microcontroller	1
3	BarrelJack_DC_Female	Power Input	1
4	Yaw	3D Printed PETG	1
5	MG996R_Servo	5V Servo 9kg.cm	5
6	Servo MG996R Shaft	Rotating Shaft	5
7	MG996R_ServoHorn_6Sided	Mounting Horn	1
8	Shoulder	3D Printed PETG	1
9	MG996R_ServoHorn_Round	Mounting Horn	3
10	Skateboard_Bearing	608 Bearing	3
11	UpperArm	3D Printed PETG	1
12	Wrist	3D Printed PETG	1
13	MG996R_ServoHorn_SingleArm	Mounting Horn	1
14	Gripper	3D Printed PETG	1
15	SG90_Servo	5V Servo 1.8kg.cm	1
16	SG90_ServoHorn_DoubleArm	Mounting Horn	1

Robot Arm MK1

180.29
138.30
68.10
34.96
135.00
10.33

Mini   ON   OFF

SECTION A-A

A
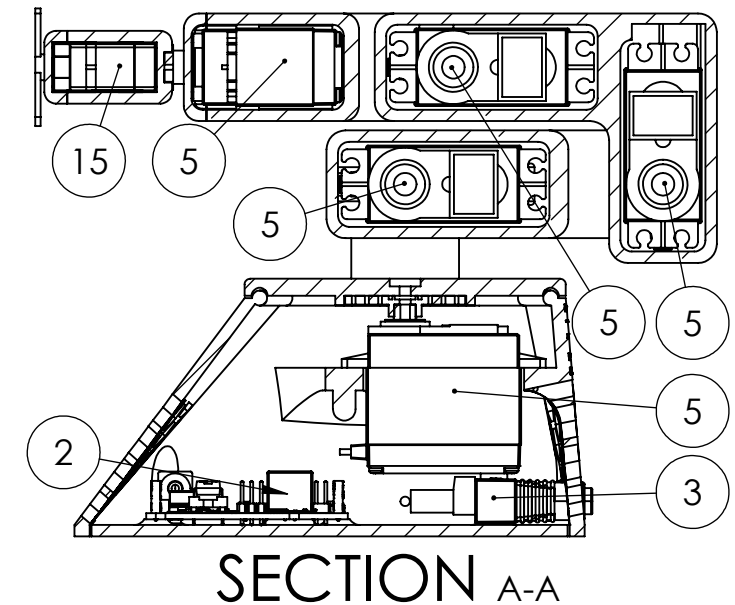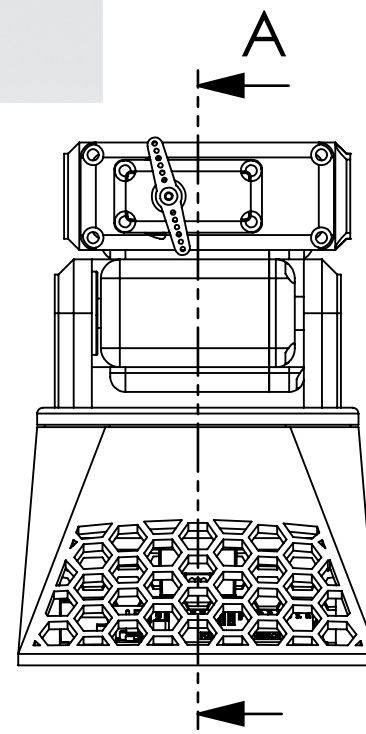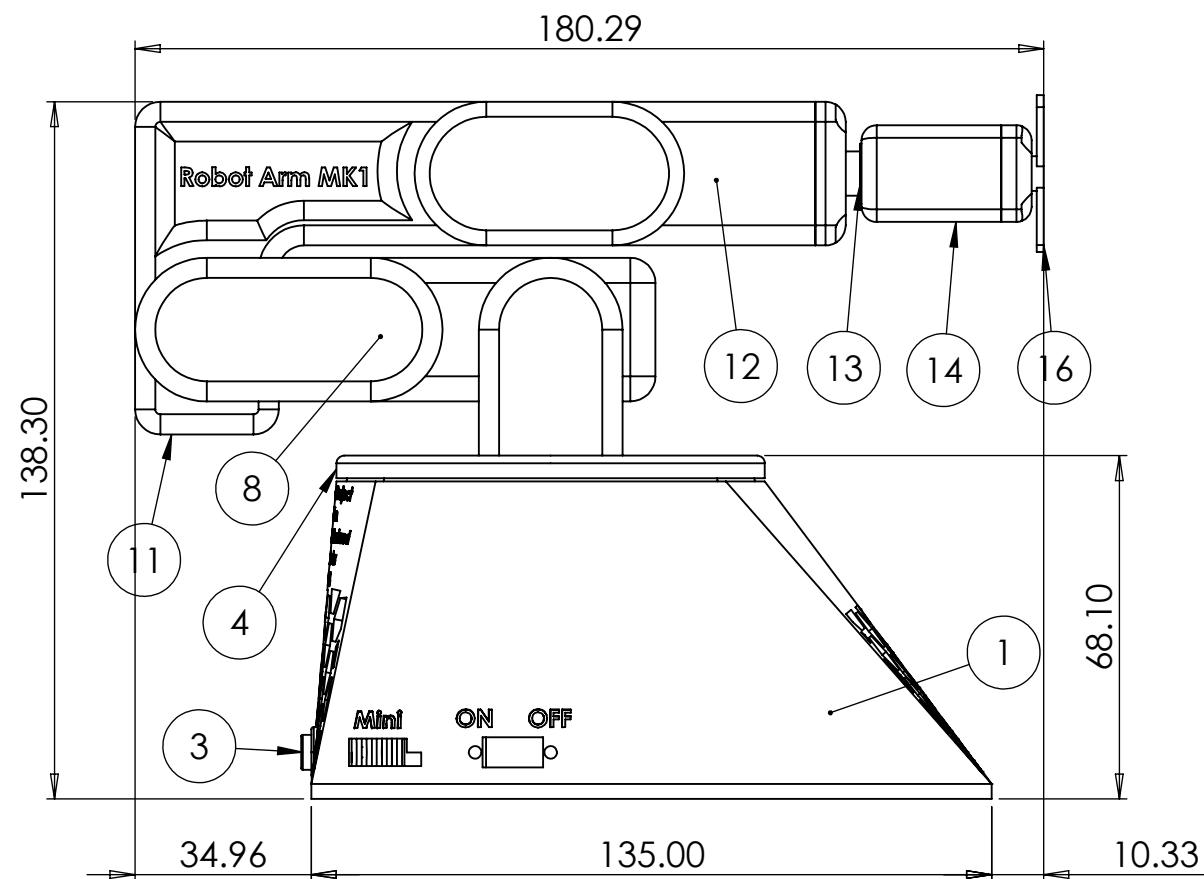
Item ref	Quantity	Dimensions: millimeters	Material: PETG Filament	Article No./Reference		
RA1	1	Drawn by Ethan Lawlor	Approved by - date	Filename	Date 16/11/2023	Scale 1:2

Blanchardstown Rd N, Blanchardstown, Dublin, D15

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3rd Year Project

Robot Arm   Edition V1   Sheet 1 of 1