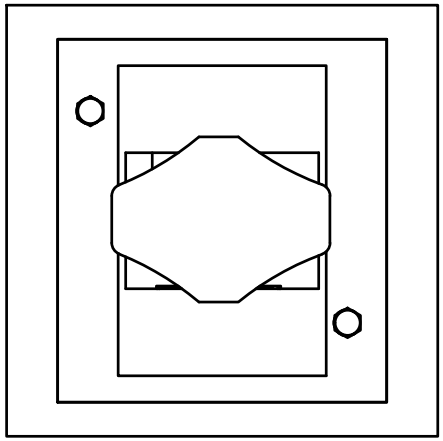
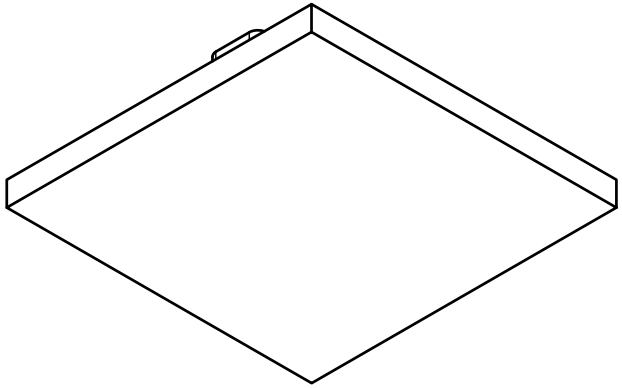
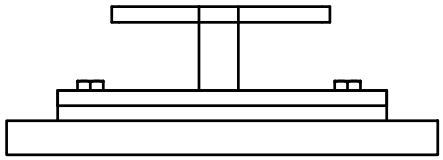
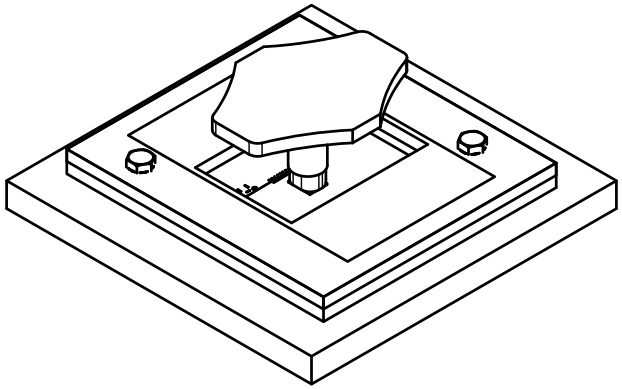
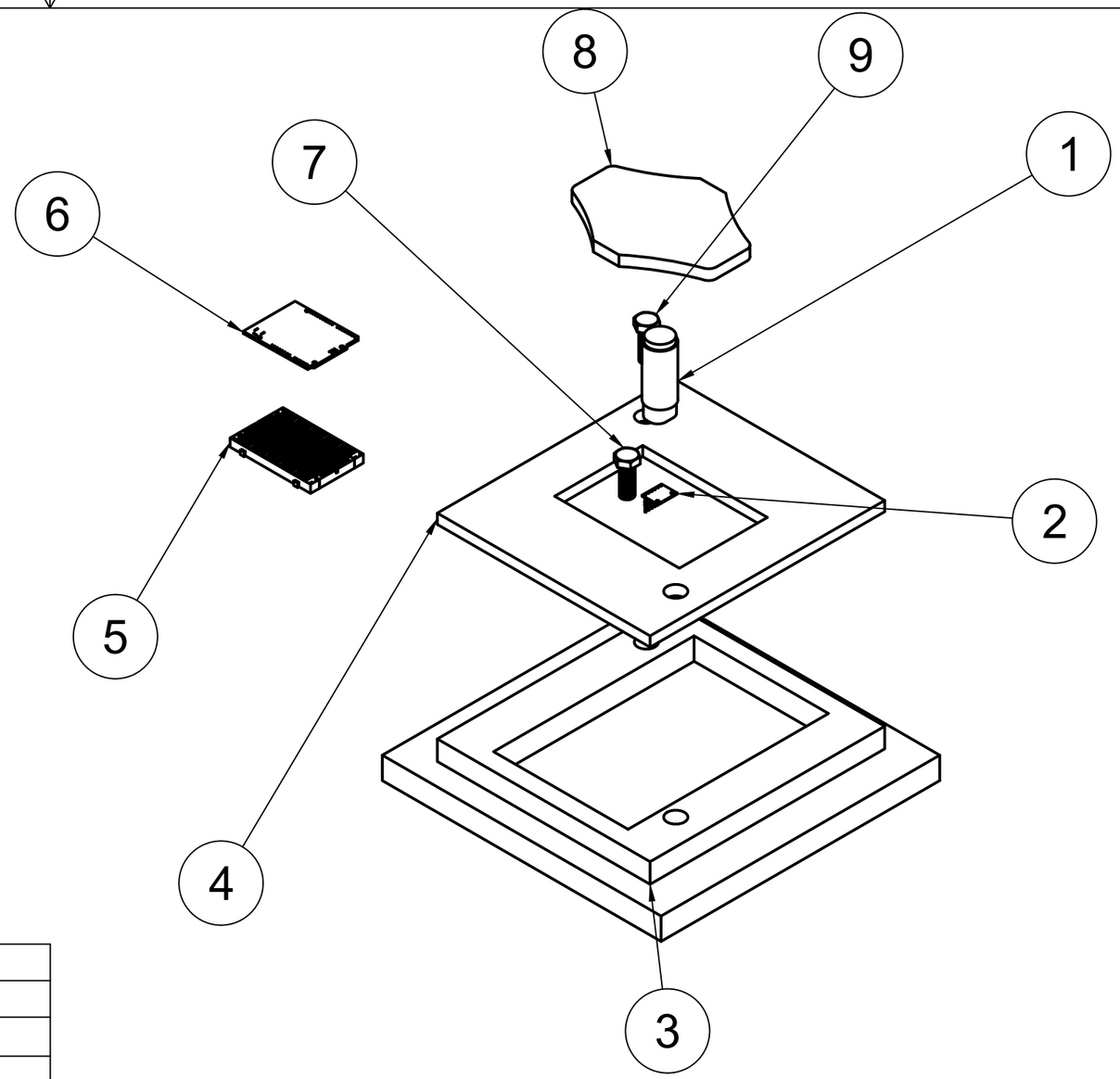








Dept.	Technical reference	Created by Abdalla Mohamed 2022-10-25	Approved by	
		Document type	Document status	
		Title Directional Controller	DWG No. 1	
			Rev. 0	Date of issue 2022-10-25	Sheet 1/1



PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
1	1	STICK		STEEL
2	1	GYROSENSOR		STEEL
3	1	BASE		STEEL
4	1	COVER		STEEL
5	1	BREADBOARD		STEEL
6	1	ARDUINO_LEONARDO		STEEL
7	1	M10 V1		STEEL
8	1	TOP		STEEL
9	1	M10 V1 (1)		STEEL

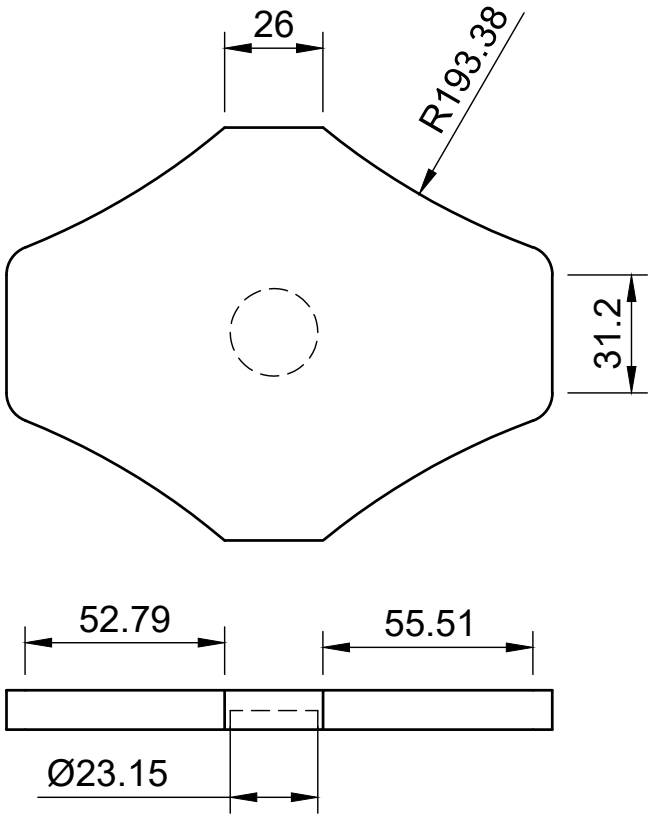
PROJECT

Foot Controller

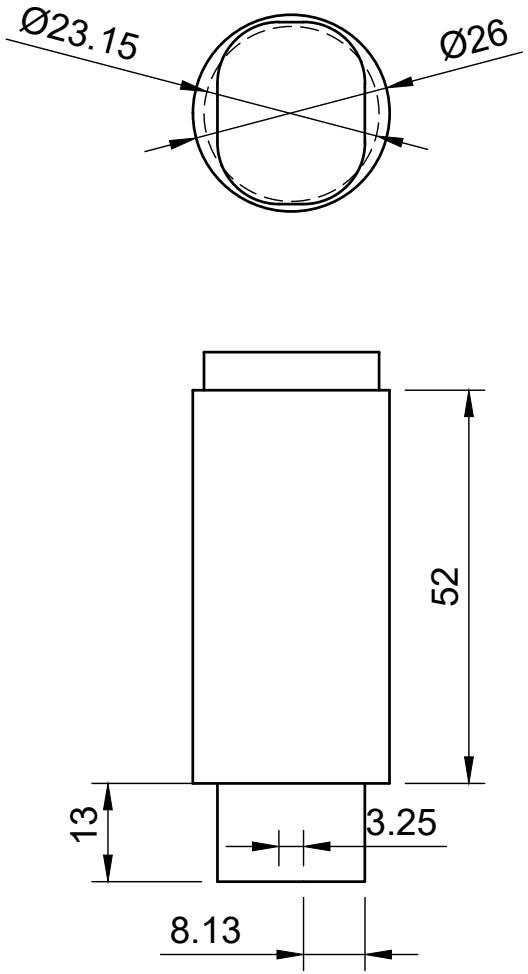
TITLE

Directional Controller Exploded View

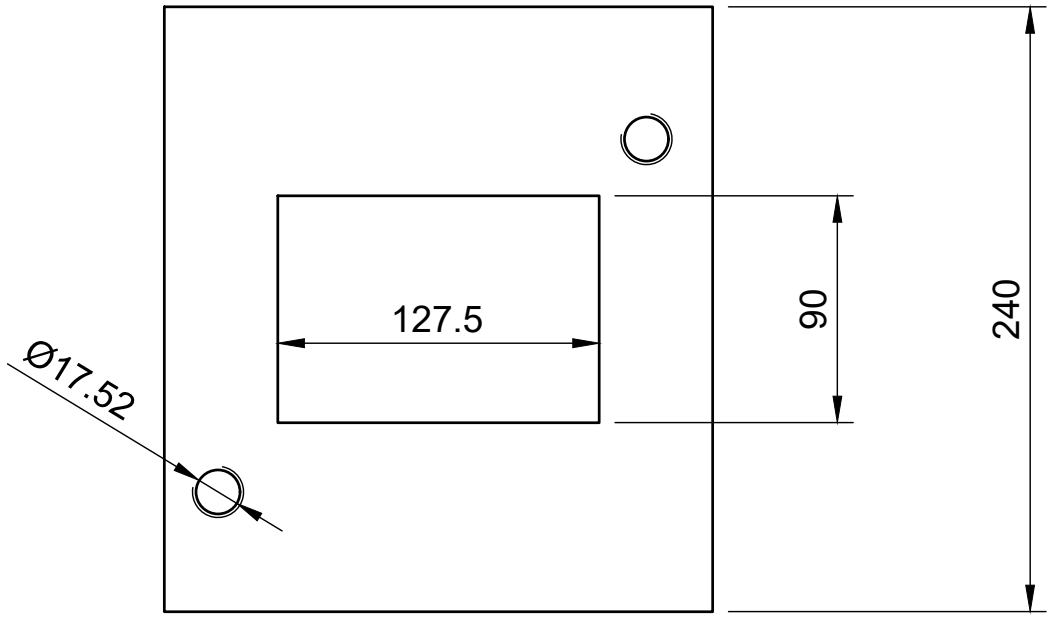
APPROVED	SIZE	CODE	DWG NO	REV
CHECKED	B			
DRAWN Abdalla Mohamed 2022-10-25	SCALE 1:4	WEIGHT	SHEET 1/1	

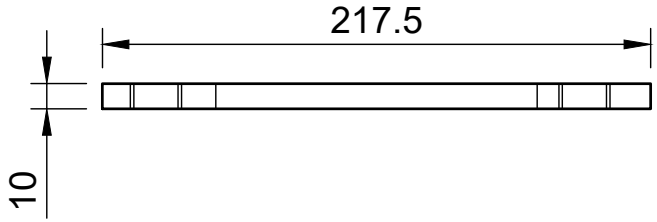


Dept.	Technical reference	Created by Abdalla Mohamed 2022-10-25	Approved by	
		Document type	Document status	
		Title Foot Placement (Top)	DWG No. 1	
			Rev. 0	Date of issue 2022-10-25	Sheet 1/1

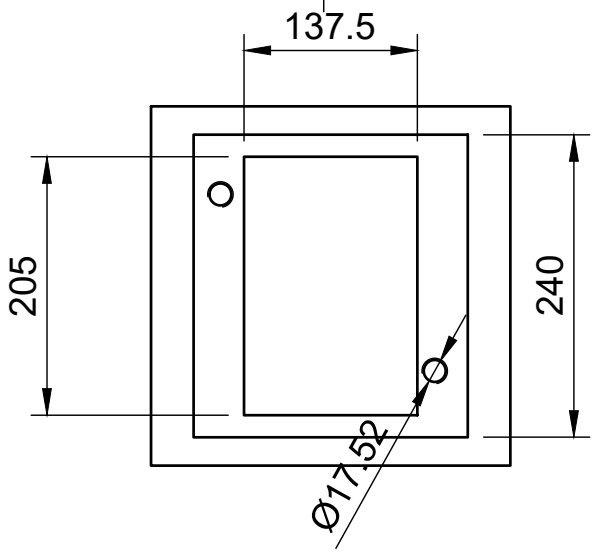


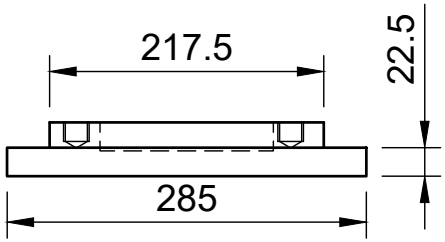
Dept.	Technical reference	Created by Abdalla Mohamed 2022-10-25	Approved by	
		Document type	Document status	
		Title Gyroscope Stick	DWG No. 1	
			Rev. 0	Date of issue 2022-10-25	Sheet 1/1





Dept.	Technical reference	Created by Abdalla Mohamed 2022-10-25	Approved by	
		Document type	Document status	
		Title Cover for Base of Directional Controller	DWG No. 1	
			Rev. 0	Date of issue 2022-10-25	Sheet 1/1





Dept.	Technical reference	Created by Abdalla Mohamed 2022-10-25	Approved by	
		Document type	Document status	
		Title Directional Controller Base	DWG No. 1	
			Rev. 0	Date of issue 2022-10-25	Sheet 1/1

	Parts List		
QTY	Part Number	Description	Material
1	1	Stick that allows for the movement to happen	Pylon
1	2	The gyro sensor that would check the movement and activate the action after sensing a movement	N/A
1	3	The base of the controller	PLA
1	4	The cover of the base makes sure the circuit and breadboard are protected	PLA
1	5	Breadboard, how the wire management will be placed	N/A
1	6	The circuit Arduino_Leonardo	N/A
1	7	A bolt that would make sure the base and cover are connected	N/A
1	8	The part where the foot will be placed to move	PLA
1	9	A bolt that would make sure the base and cover are connected	N/A