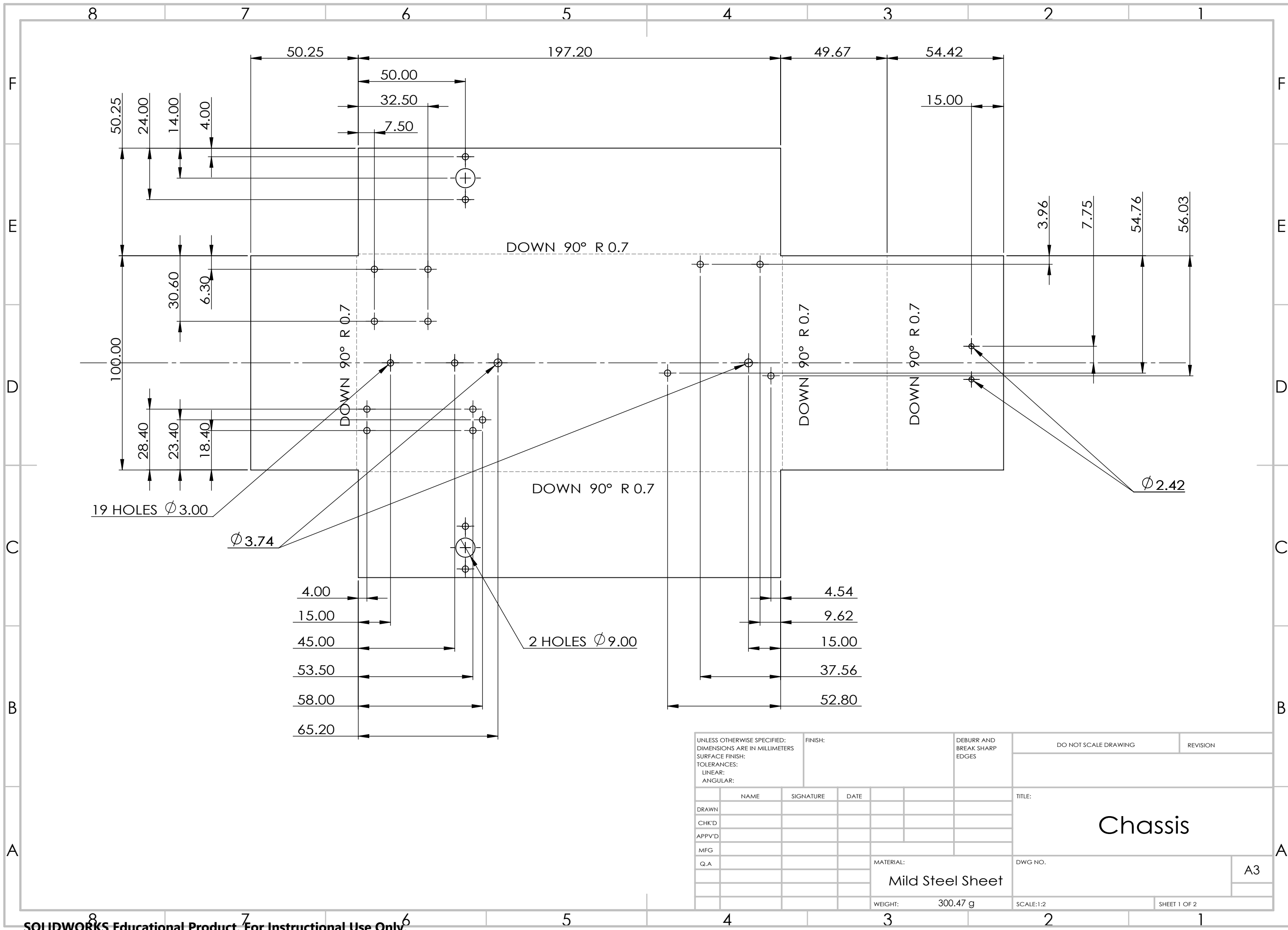
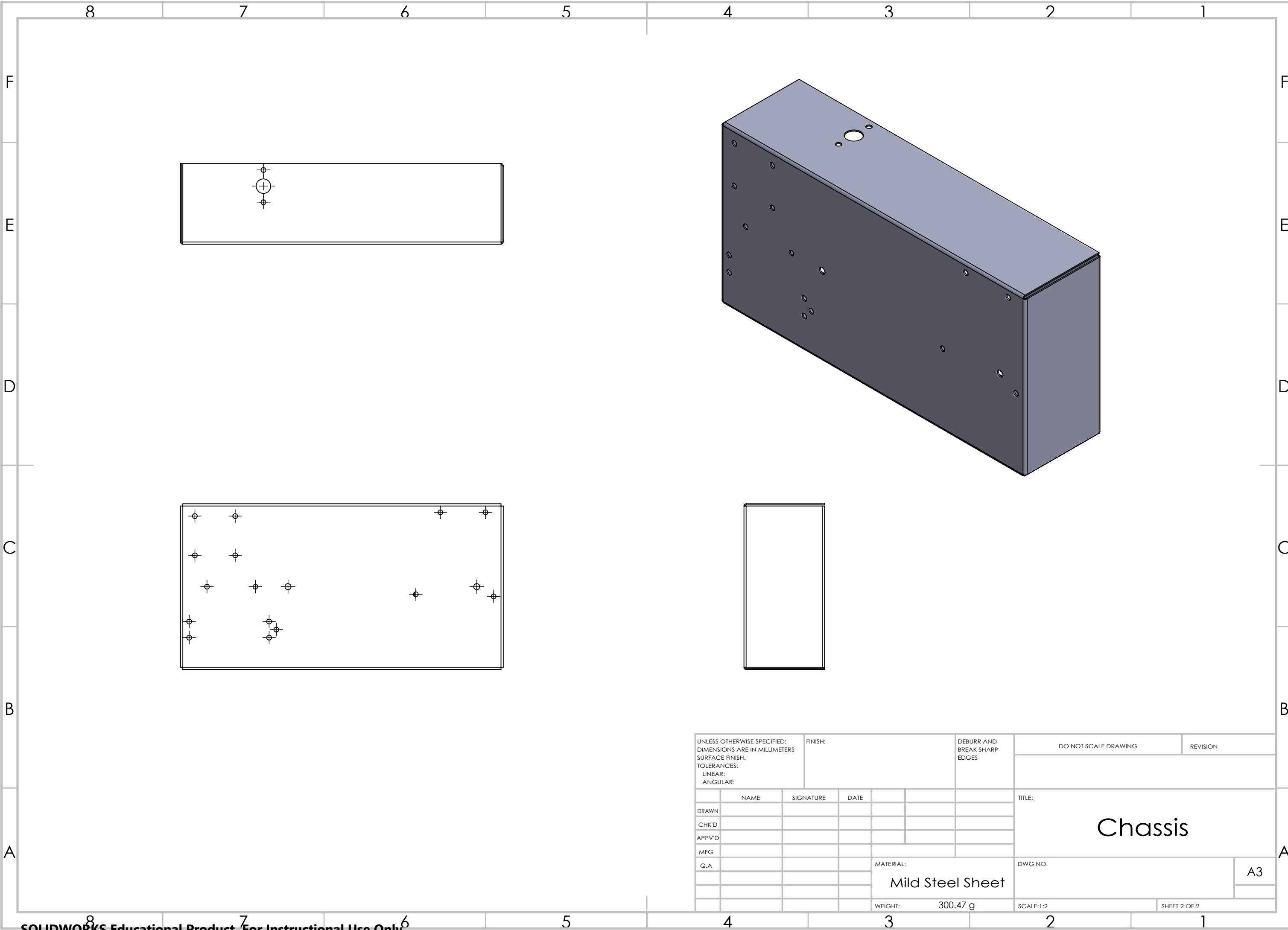


19	Standard Servo MC-410	servo.igs	1	Part	/
18	Small Motor 1271-1290	Mclennan 1271-2stage.stp	2	Assy.	/
17	Shaft Adaptor	Adaptor	2	Part	PLA
16	Servo Mount (provided along with motor)	servo_mount_provided	1	Part	/
15	Servo Mount 2	servo_mount_new_2_metal	1	Part	Mild steel
14	Servo Mount 1	servo_mount_new_1_metal	1	Part	Mild steel
13	Mild Steel rod, 3mm diameter, 40mm length	rod_3x40	1	Part	Mild steel
12	Light Sensor Mount	Light_sensor_mount_metal	1	Part	/
11	IR Distance Sensor GP2Y0A21YK0F 80cm	sharp_IR_sensor.stp	1	Part	/
10	IR Distance Sensor GP2Y0A02YK0F 150cm	sharp_IR_sensor.stp	1	Part	/
9	Holder	holder_metal	1	Part	Mild steel
8	Chassis	frame_metal	1	Part	Mild steel
7	Aluminum angle, 12.5×12.5×1.6, 40mm length	Alloy_equal_angle_Holder_mount	2	Part	Alloy
6	Colour Sensor LDR NSL 5112	/	2	/	/
5	Battery Pack	Battery_box_RL6165-F.stp	1	Assy.	/
4	Ball Caster 3/4" Pololu 995	pololu-ball-caster-with-0-750in-metal-ball.step	1	Part	/
3	Arduino Uno	arduino uno.step	1	Assy.	/
2	Arduino Standoff	Arduino_standoff	4	Part	PLA
1	2.75" Wheel Vex 276-1496	2_75_Wheel_276-1496.STEP	2	Assy.	/
No.	Part Name	Part Filename	Qty.	Type	Material

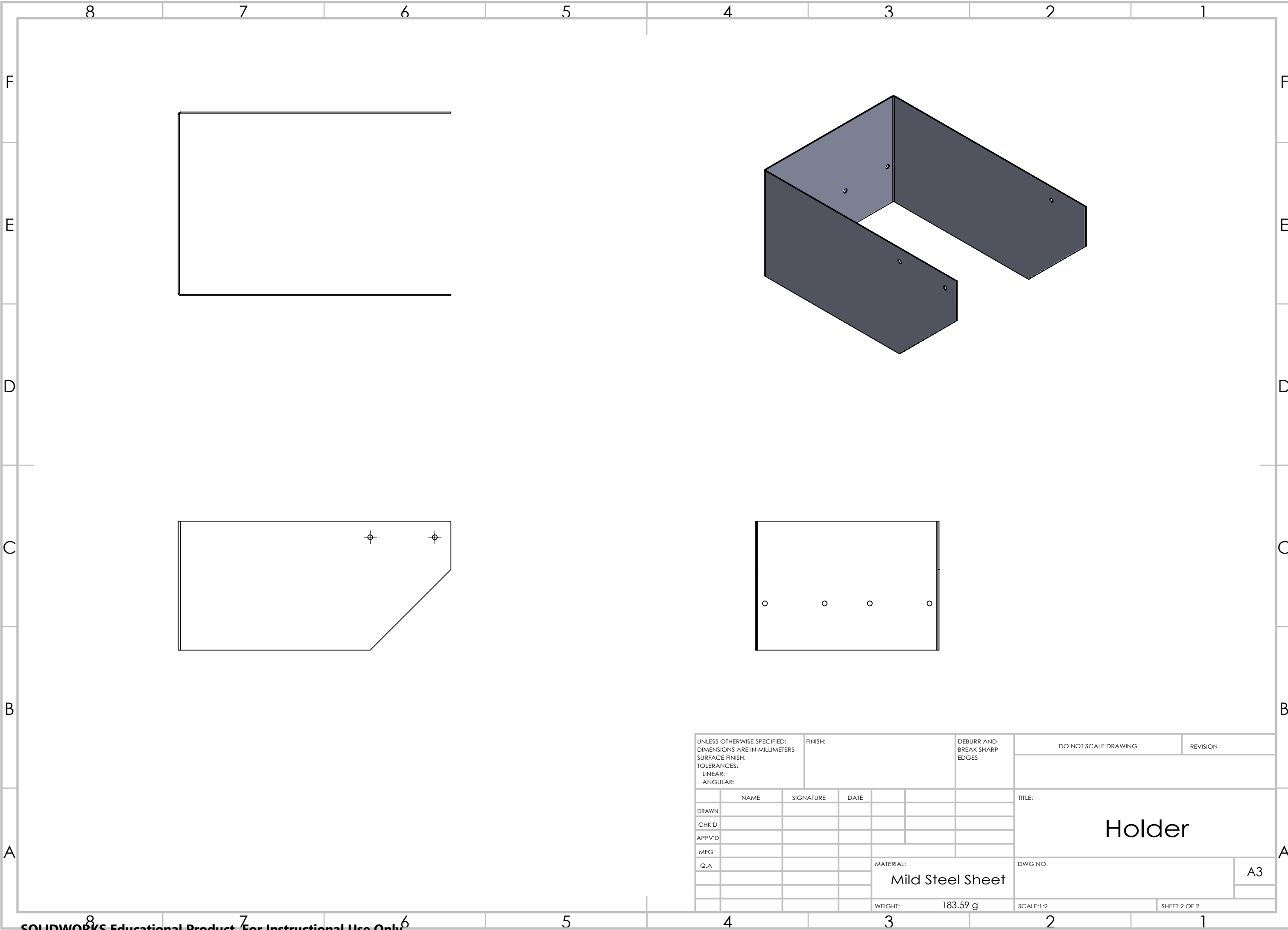
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
DRAWN		NAME		SIGNATURE		DATE		TITLE:	
CHK'D								Robot	
APP'VD									
MFG									
Q.A.									
						MATERIAL:		DWG. NO.	
						WEIGHT: 970g		SCALE: 1:1.5	
								SHEET 1 OF 1	



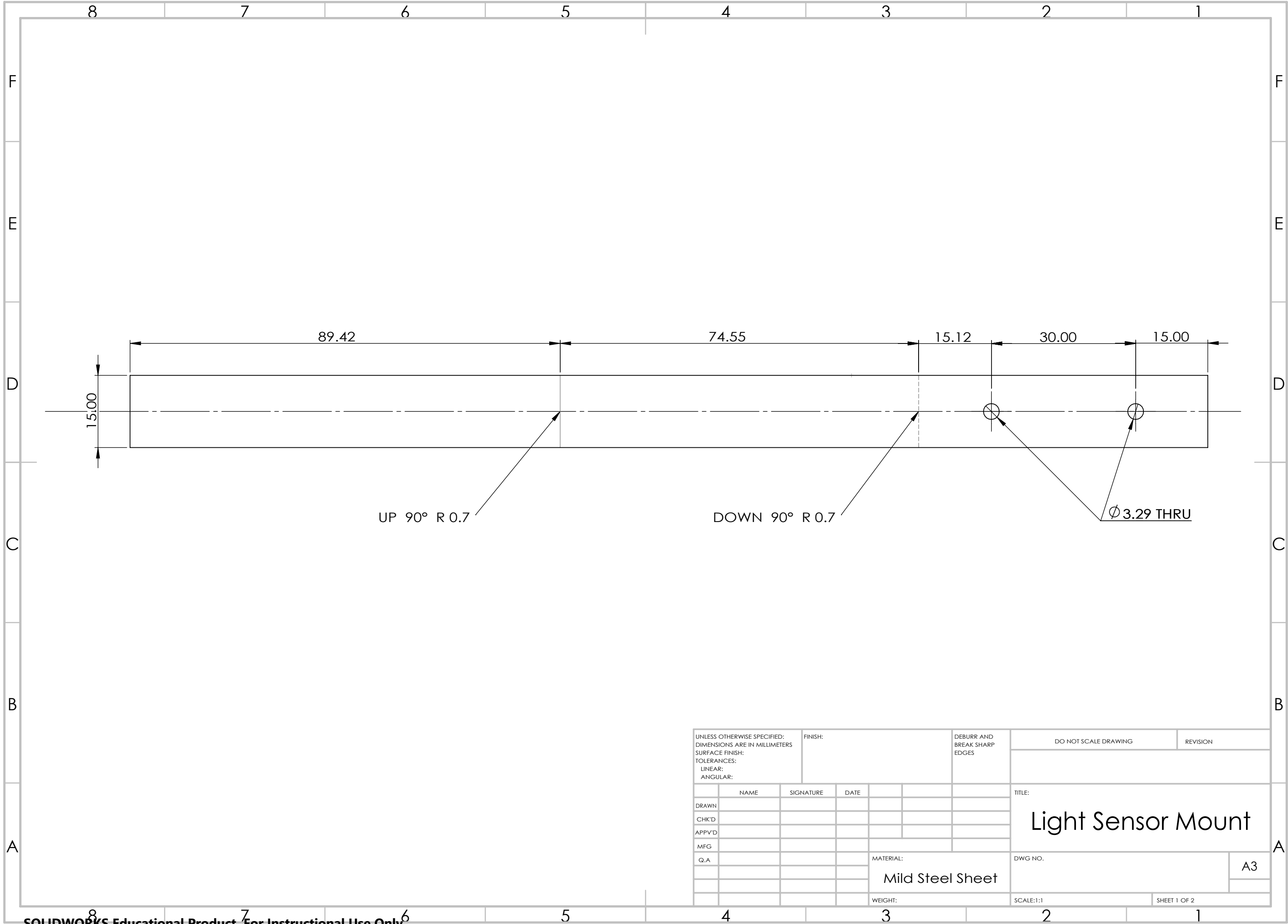
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		NAME		SIGNATURE		DATE					
DRAWN										TITLE: Chassis	
CHK'D											
APPV'D											
MFG											
Q.A											
								MATERIAL:		DWG NO.	
								Mild Steel Sheet			
										A3	
								WEIGHT: 300.47 g		SCALE:1:2	
										SHEET 1 OF 2	



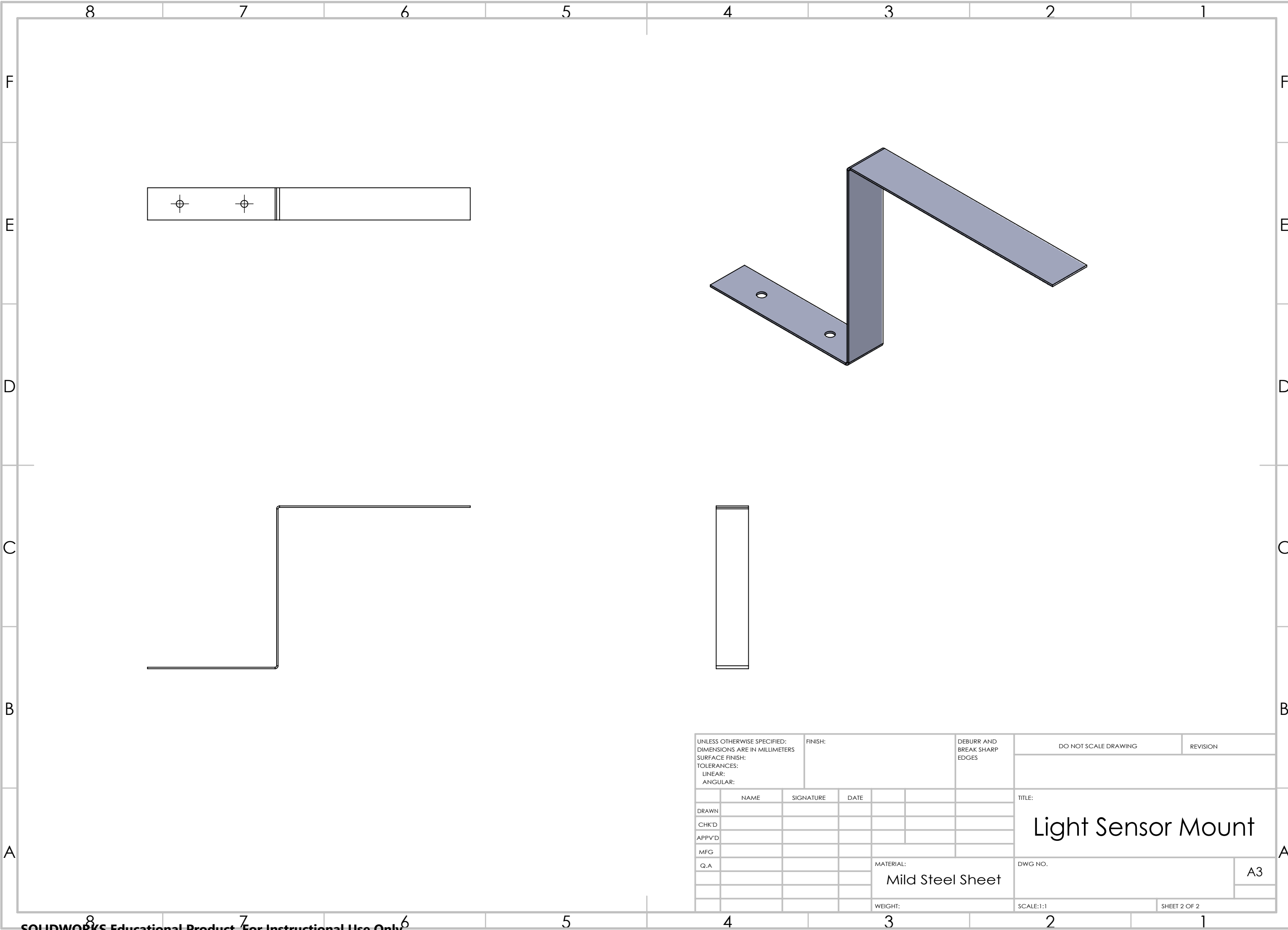
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	NAME		SIGNATURE		DATE				TITLE: Chassis				
DRAWN													
CHK'D													
APPV'D													
MFG													
Q.A						MATERIAL:			DWG NO.			A3	
						Mild Steel Sheet							
									SCALE:1:2			SHEET 2 OF 2	
						WEIGHT: 300.47 g							



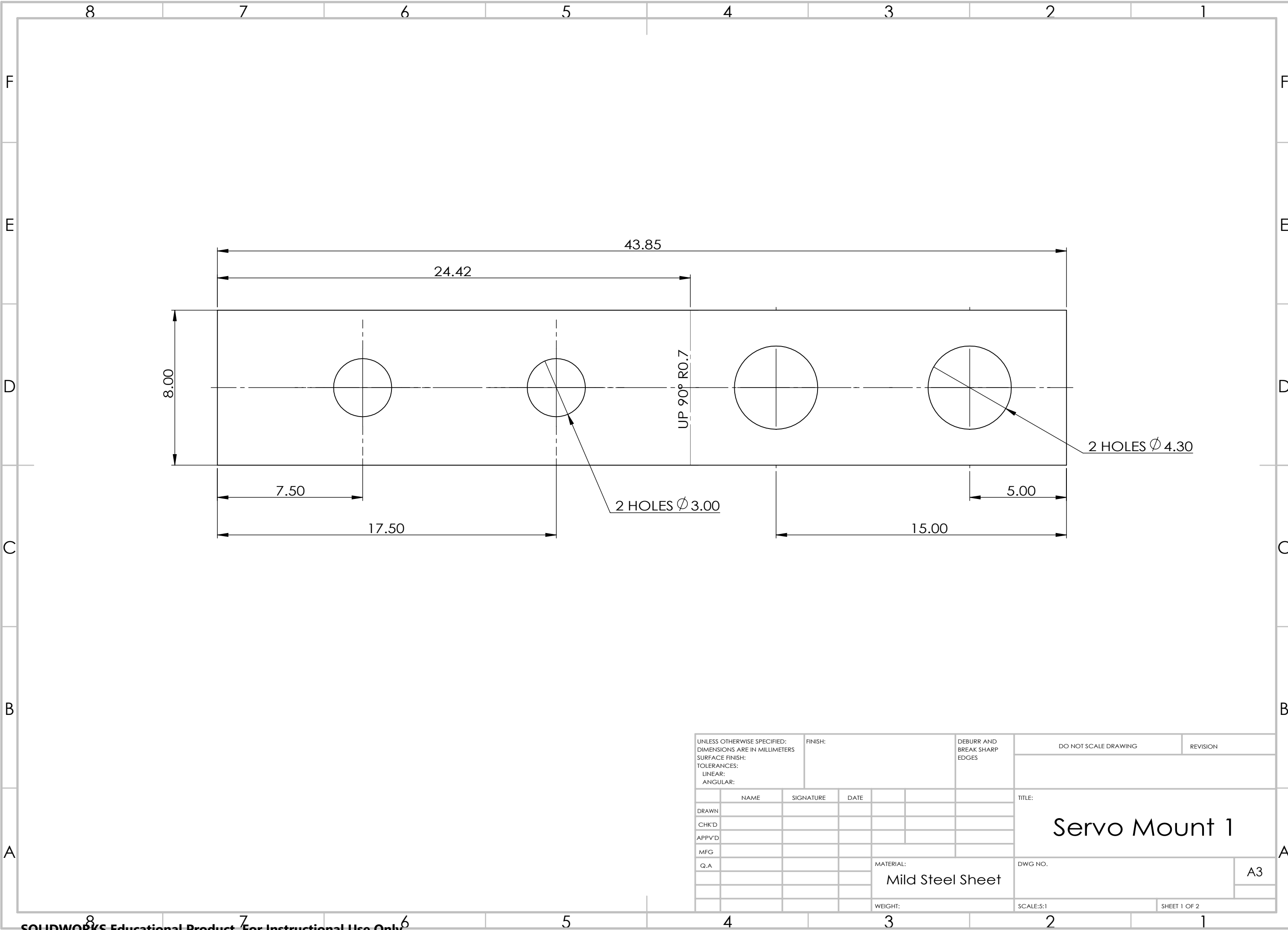
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	NAME	SIGNATURE	DATE				TITLE: <h1>Holder</h1>				
DRAWN											
CHK'D											
APPV'D											
MFG											
Q.A							MATERIAL: <h2>Mild Steel Sheet</h2>		DWG NO.		A3
							WEIGHT: 183.59 g		SCALE:1:2		SHEET 2 OF 2



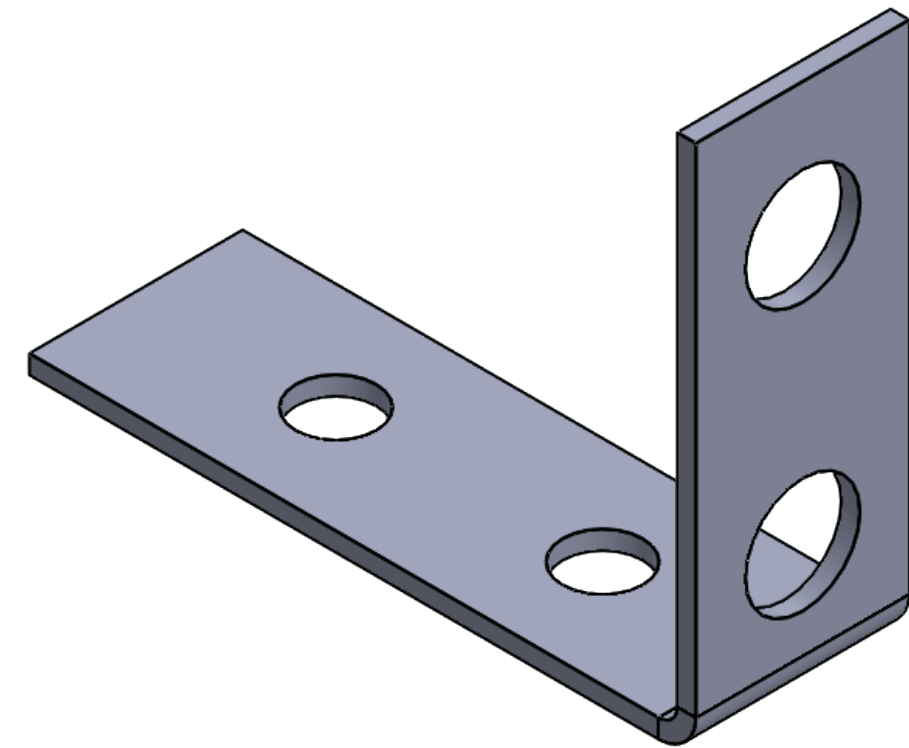
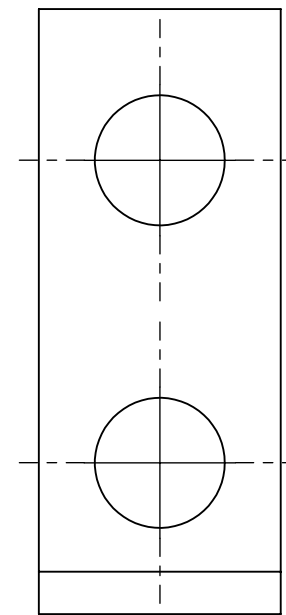
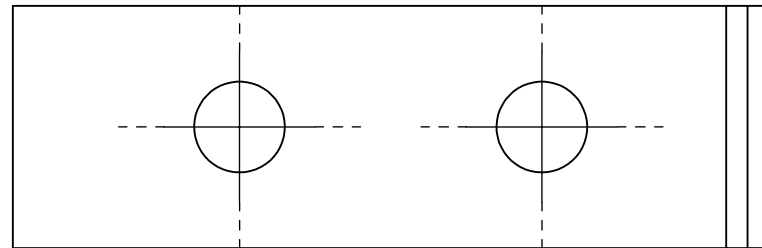
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DRAWN				NAME		SIGNATURE		DATE		TITLE:	
CHK'D										Light Sensor Mount	
APPV'D											
MFG											
Q.A											
										DWG NO.	
										A3	
										SHEET 1 OF 2	
										SCALE:1:1	
										SHEET 1 OF 2	



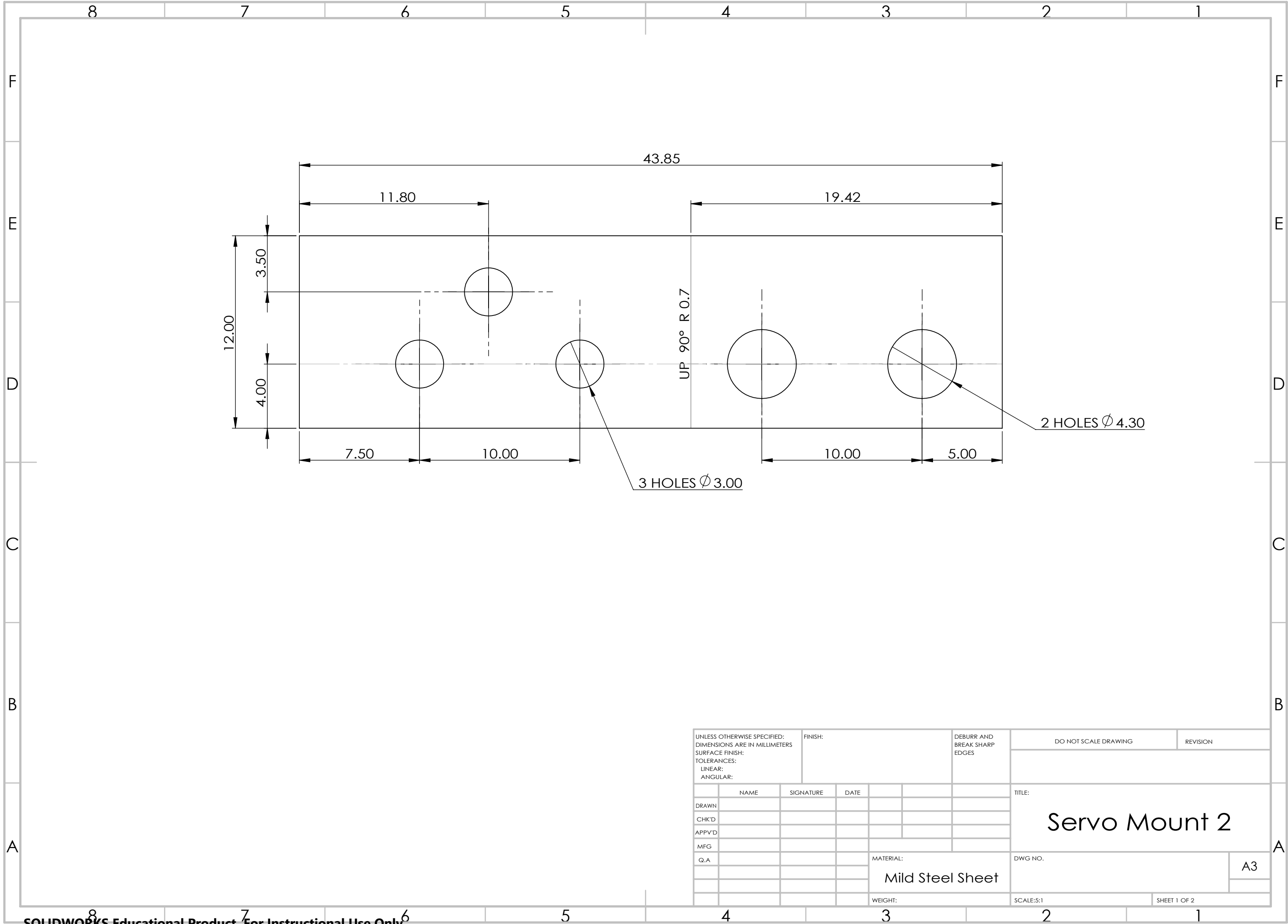
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DRAWN				NAME		SIGNATURE		DATE		TITLE:	
CHK'D										Light Sensor Mount	
APPV'D											
MFG											
Q.A											
										MATERIAL:	
										Mild Steel Sheet	
										DWG NO.	
										A3	
										SCALE:1:1	
										SHEET 2 OF 2	

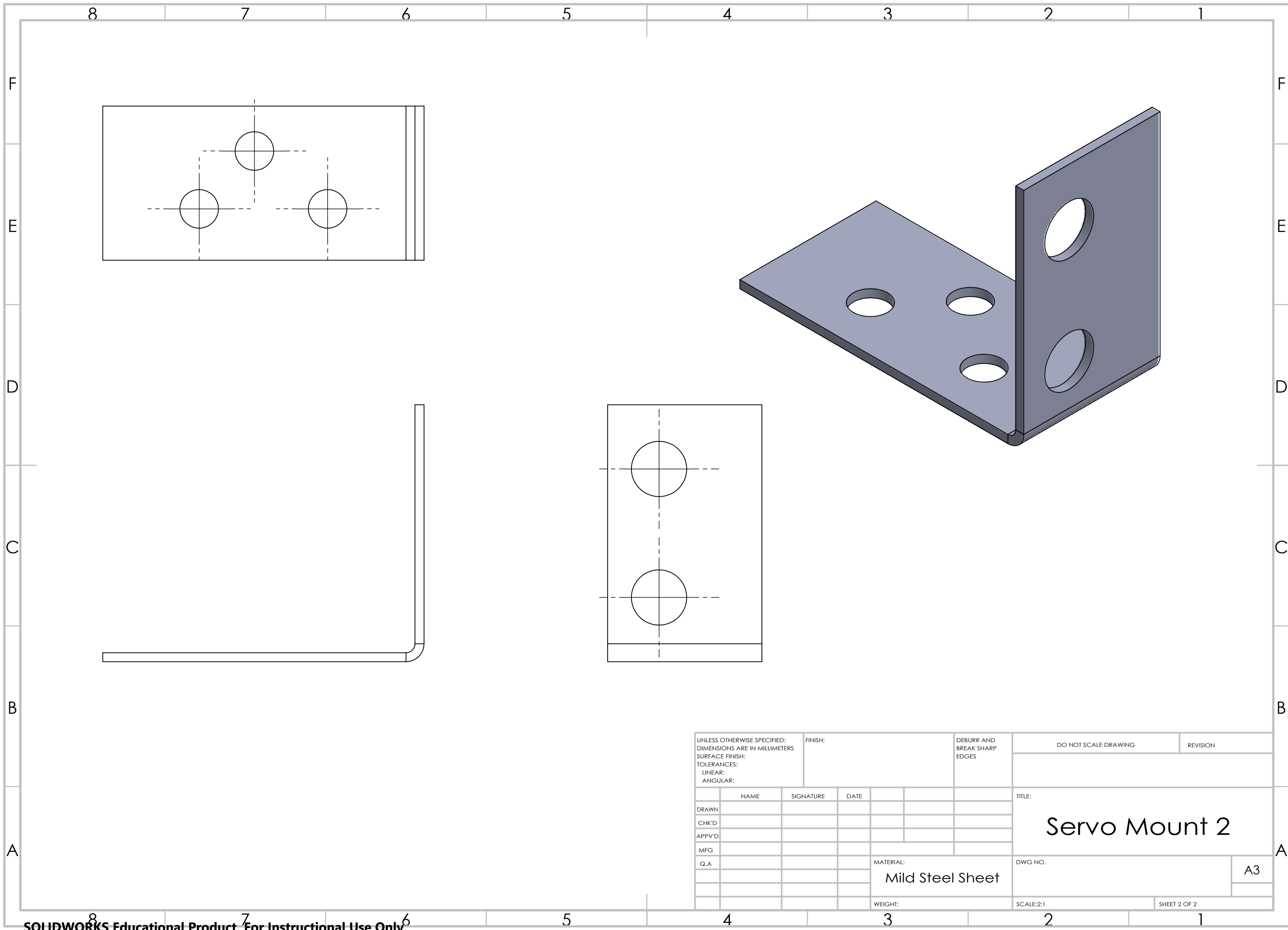


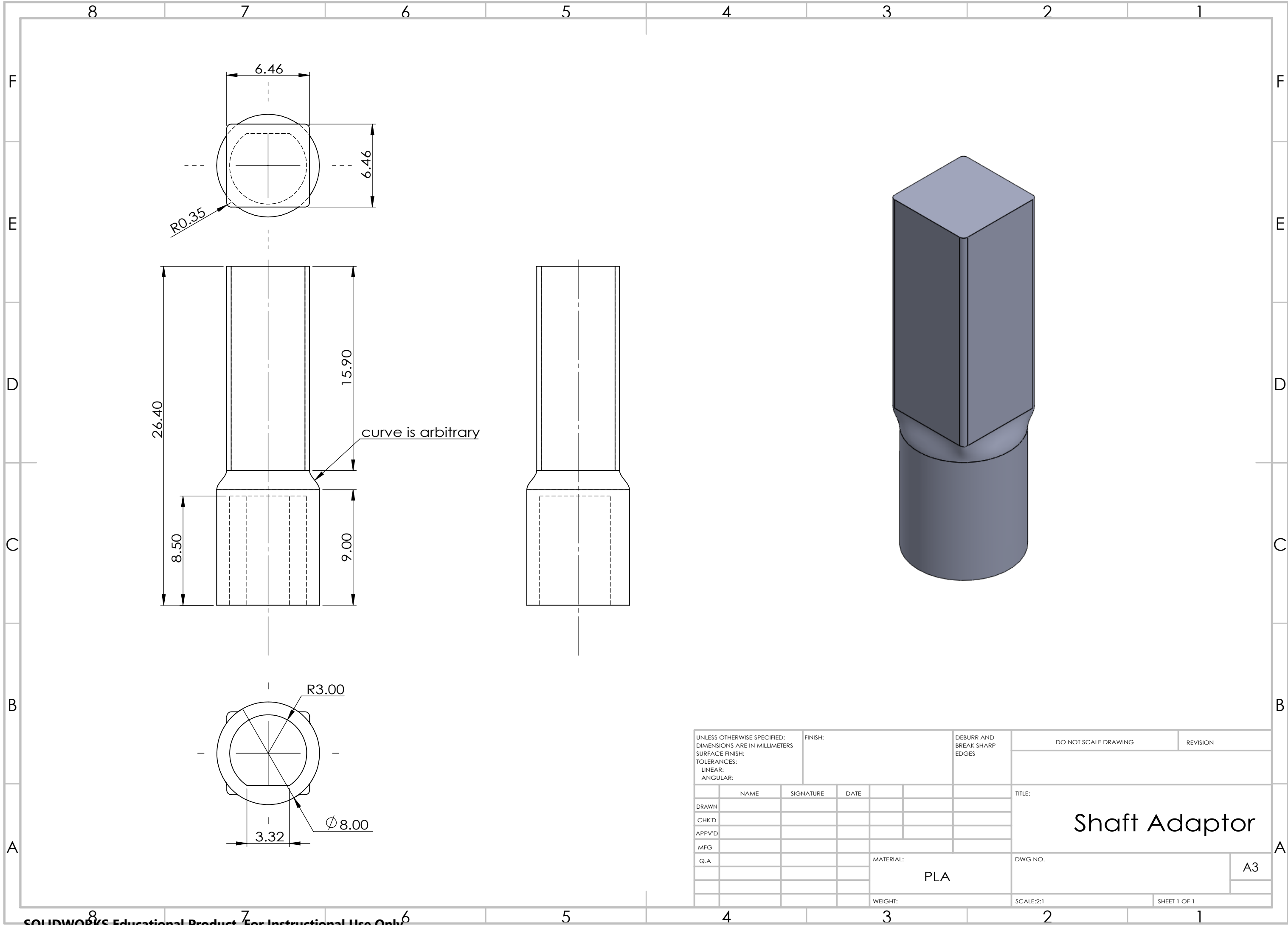
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DRAWN				NAME		SIGNATURE		DATE		TITLE:	
CHK'D										Servo Mount 1	
APPV'D											
MFG											
Q.A											
								MATERIAL:		DWG NO.	
								Mild Steel Sheet		A3	
								WEIGHT:		SCALE:5:1	
										SHEET 1 OF 2	



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:						FINISH:		DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
		NAME		SIGNATURE		DATE						TITLE: <h1>Servo Mount 1</h1>	
DRAWN													
CHK'D													
APPV'D													
MFG													
Q.A													
								MATERIAL: <h2>Mild Steel Sheet</h2>		DWG NO.		A3	
WEIGHT:										SCALE:5:1		SHEET 2 OF 2	







UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION
	NAME	SIGNATURE	DATE				TITLE: Shaft Adaptor	
DRAWN								
CHK'D								
APPV'D								
MFG								
Q.A							DWG NO.	
							SCALE:2:1	
							SHEET 1 OF 1	

