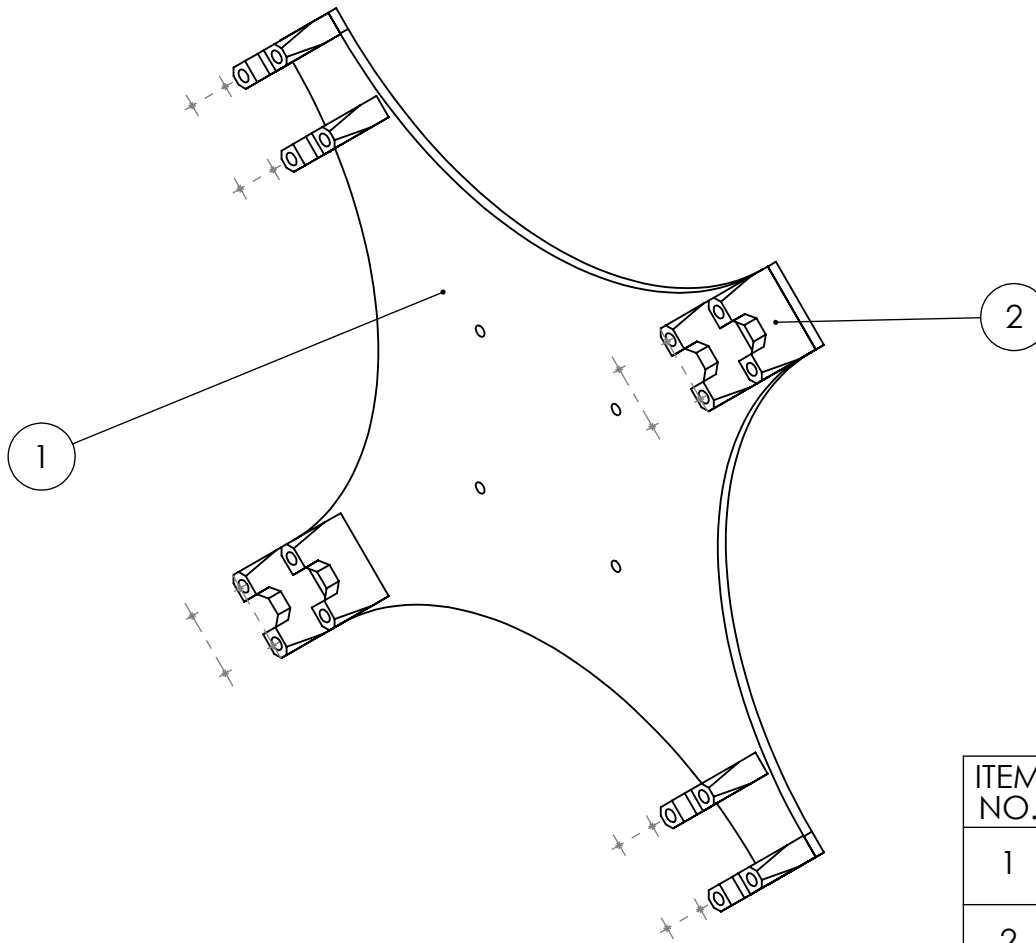


B

B



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Drone_Base_V3	Drone Base (top of bottom)	1
2	ArmMount_Design2	Arm mounts/standoffs	8

A

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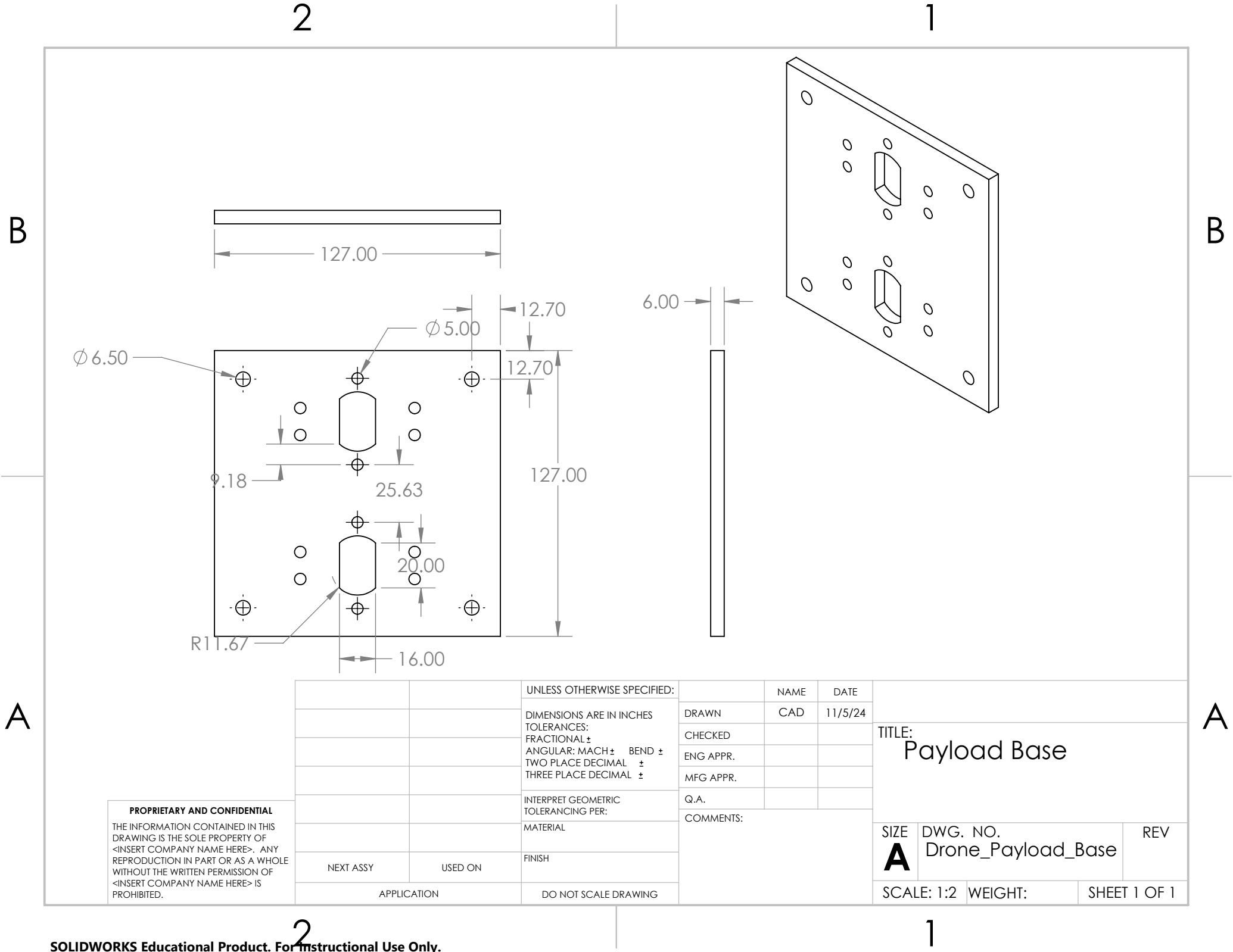
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		DIMENSIONS ARE IN INCHES
		TOLERANCES:
		FRACTIONAL ±
		ANGULAR: MACH ± BEND ±
		TWO PLACE DECIMAL ±
		THREE PLACE DECIMAL ±
		INTERPRET GEOMETRIC TOLERANCING PER:
		MATERIAL
NEXT ASSY	USED ON	FINISH
APPLICATION		DO NOT SCALE DRAWING

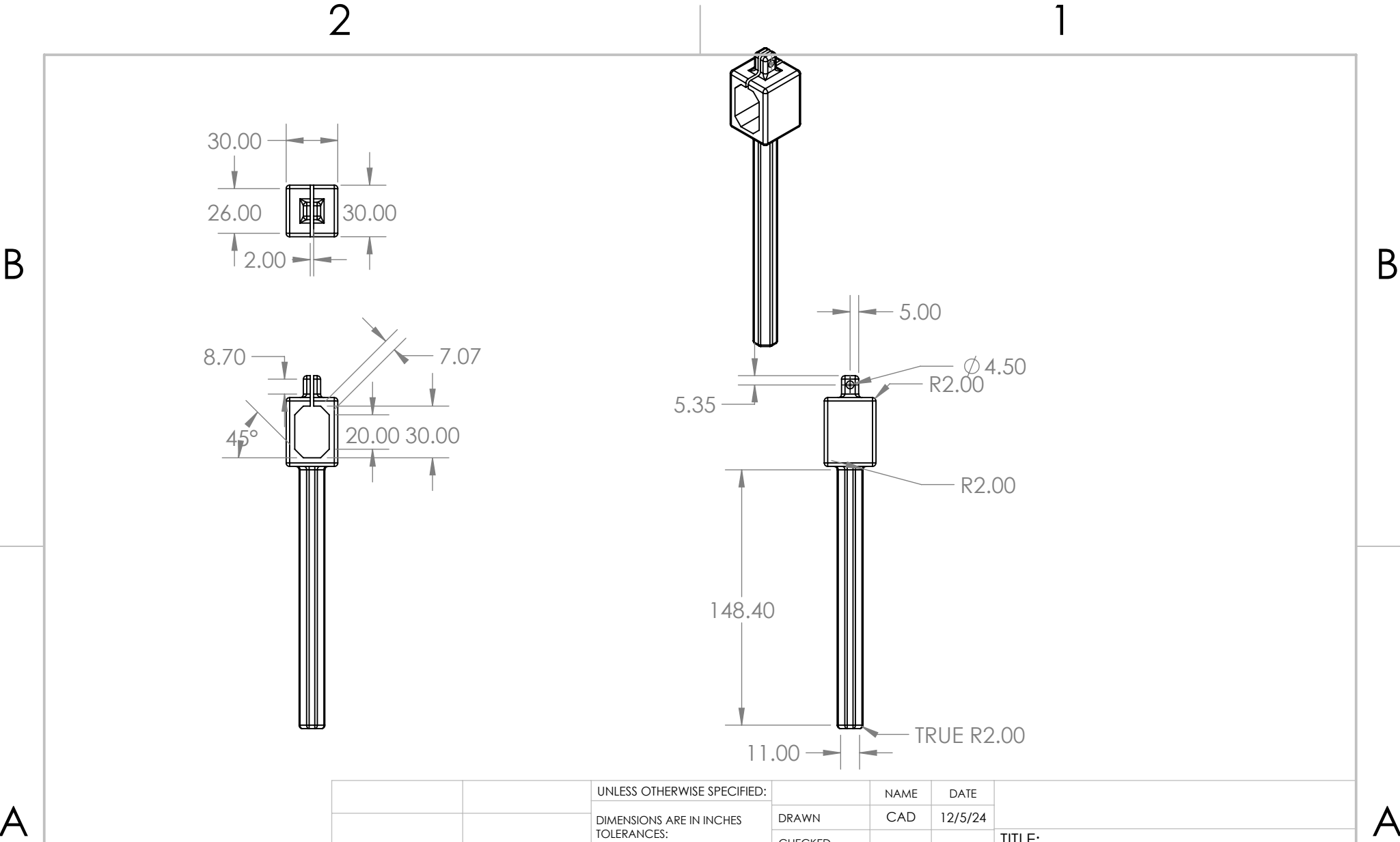
	NAME	DATE
DRAWN	CAD	12/5/24
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

TITLE:

Base/ Arm Mount Assembly

SIZE	DWG. NO.	REV
A	Bottom_Drone_Assembly	
SCALE: 1:4	WEIGHT:	SHEET 1 OF 1



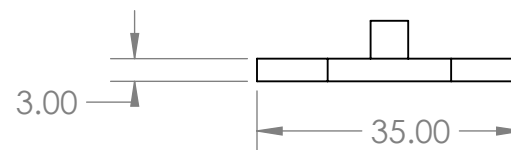
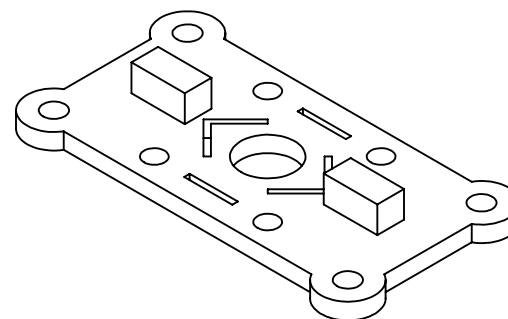


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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	CAD	12/5/24
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

TITLE:		
Arm Legs V2		
SIZE	DWG. NO.	REV
A	Arm_legs_V2	
SCALE: 1:3	WEIGHT:	SHEET 1 OF 1

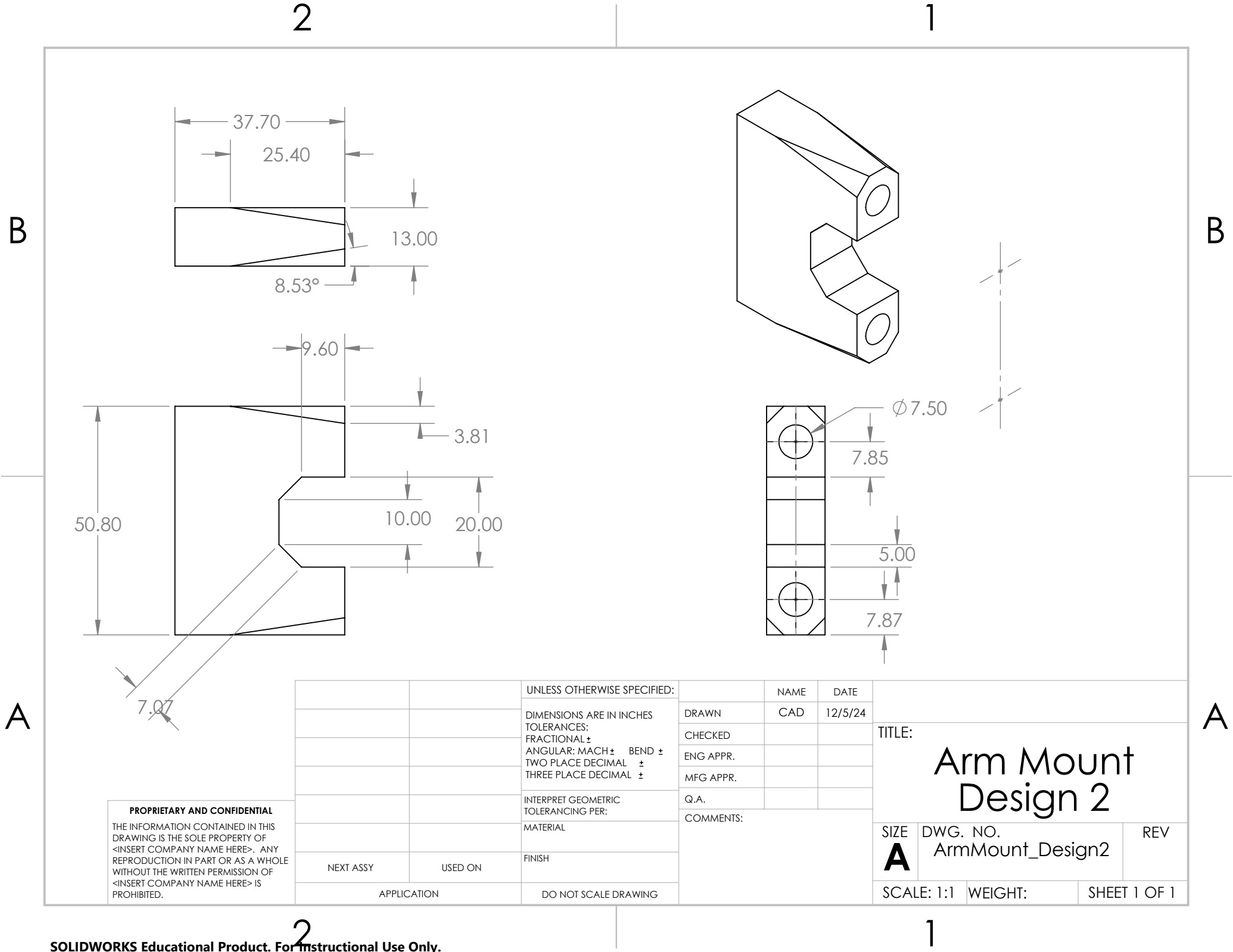
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SHEET 1 OF 1

2

1



B

B

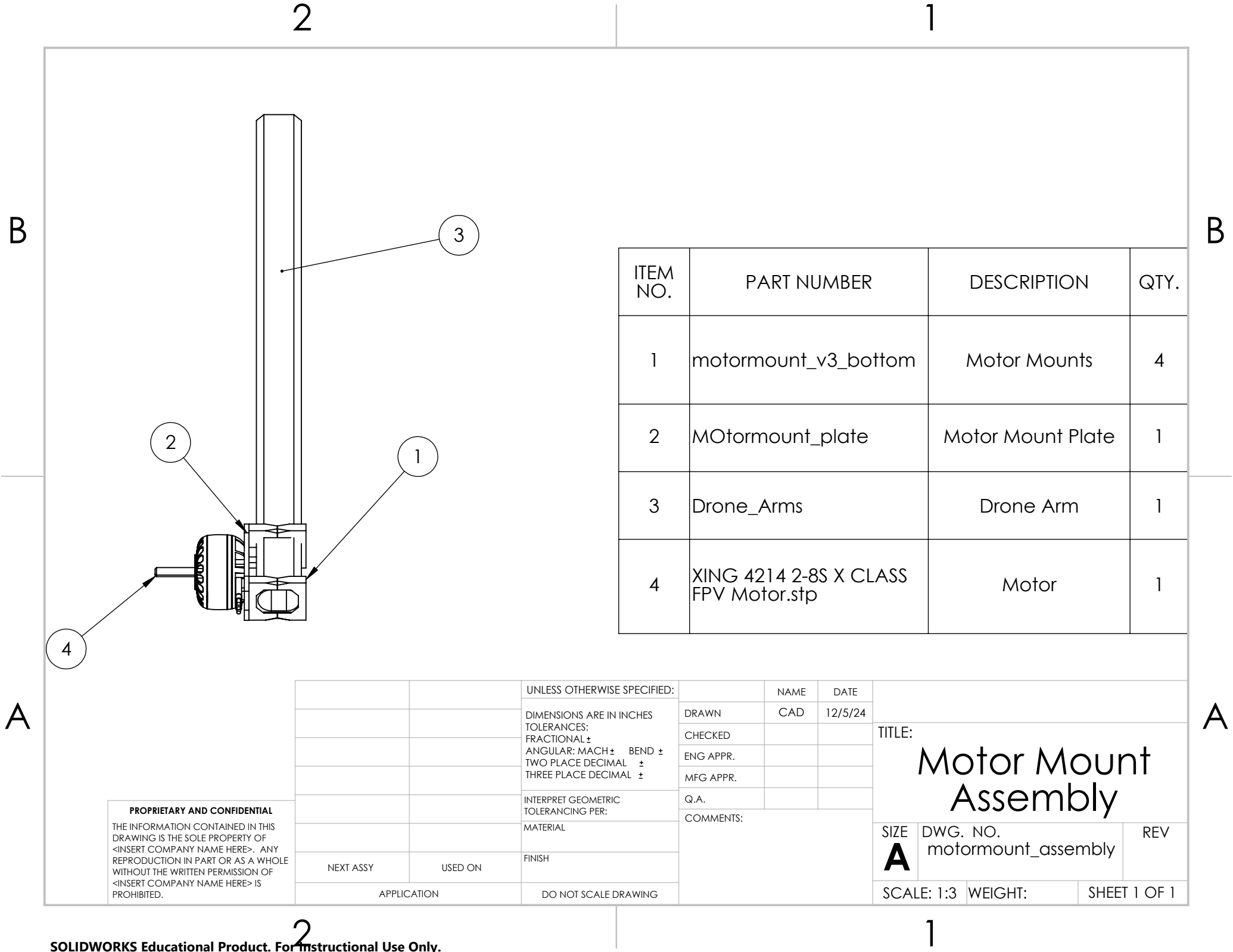
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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	CAD	12/5/24
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

TITLE:			Arm Mount Design 2		
SIZE	DWG. NO.	REV			
A	ArmMount_Design2				
SCALE: 1:1		WEIGHT:	SHEET 1 OF 1		

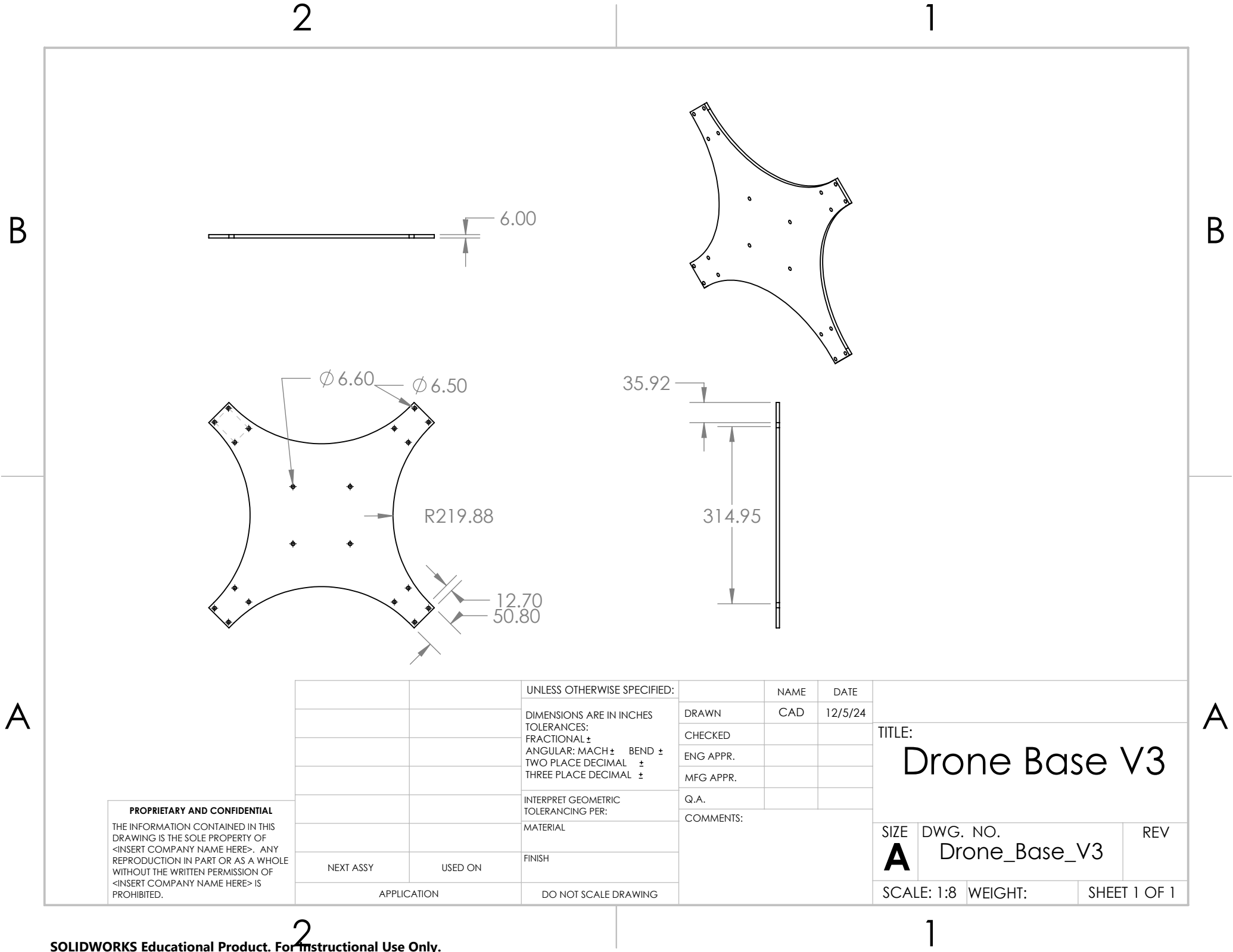


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	motormount_v3_bottom	Motor Mounts	4
2	MOtormount_plate	Motor Mount Plate	1
3	Drone_Arms	Drone Arm	1
4	XING 4214 2-8S X CLASS FPV Motor.stp	Motor	1

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	CAD	12/5/24
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

TITLE: Motor Mount Assembly			
SIZE A	DWG. NO. motormount_assembly	REV	
SCALE: 1:3	WEIGHT:	SHEET 1 OF 1	



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Drone_Base_V3	Drone Base (top of bottom)	2
2	ArmMount_Design2	Arm mounts/standoffs	16
3	motormount_v3_bottom	Motor Mounts	16
4	MOtormount_plate	Motor Mount Plate	4
5	Drone_Arms	Drone Arm	4
6	XING 4214 2-8S X CLASS FPV Motor.stp	Motor	4
7	6S 9000mAh - 25C - Battery^TATTU 22000 mAh TAA22K6S30ASX	Battery	1
8	JST - XH MALE 6S^TATTU 22000 mAh TAA22K6S30ASX		1
9	Balancing Cable^TATTU 22000 mAh TAA22K6S30ASX		1
10	XT60 Buchse^TATTU 22000 mAh TAA22K6S30ASX		1
11	EC5 connector - Socket^TATTU 22000 mAh TAA22K6S30ASX		1
12	Power Cable for EC5^TATTU 22000 mAh TAA22K6S30ASX		1
13	ESC_120A	ESCs	4
14	Arm_legs_V2	Legs	4
15	Drone_Payload_Base	Payload Base	1
16	MagSwitch	MAGSWITCH MAGJIG 60 – 8100818	2
17	hex bolt_ai		16
18	7in_allthread		4
19	M3 x 0.5mm Thread 50mm LONG SOCKET HEAD CAP SCREW	Motor Mount Screws	16

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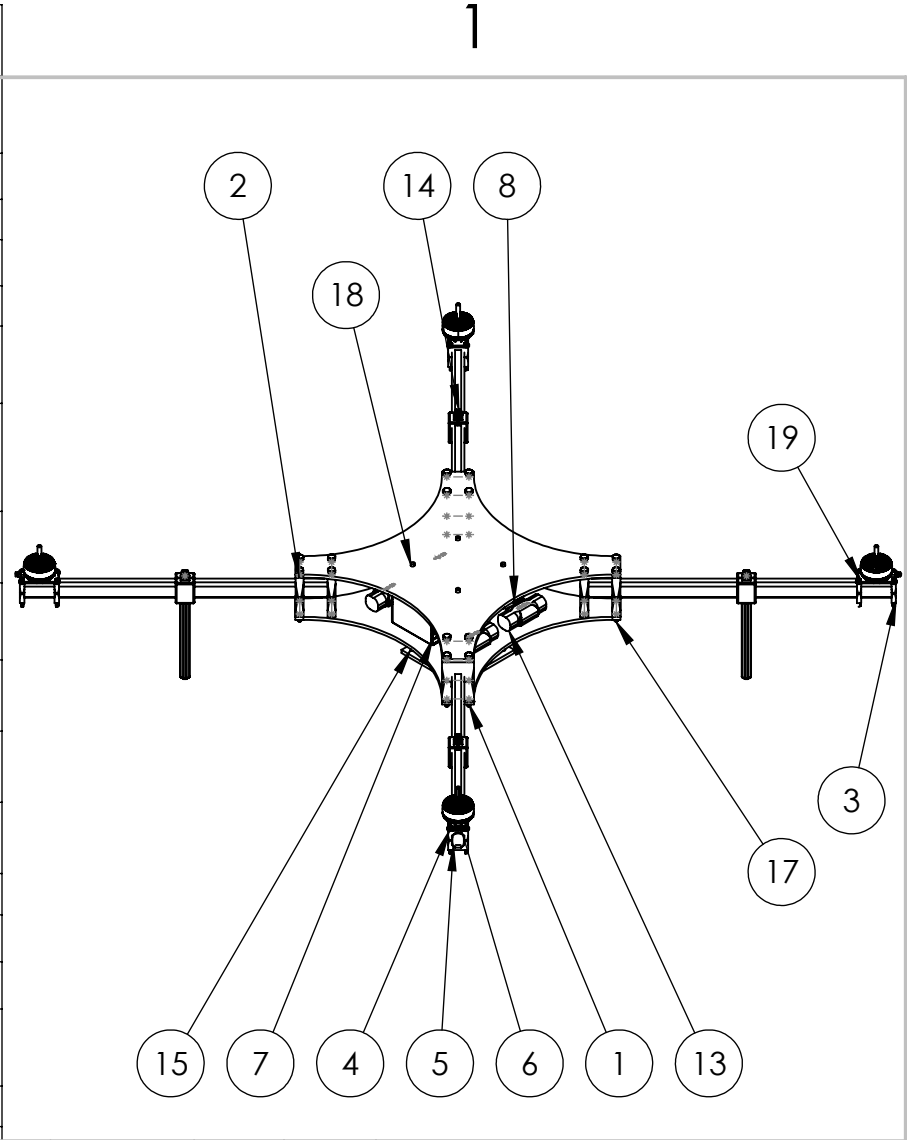
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NEXT ASSY

USED ON

APPLICATION

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
FRACTIONAL: ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±
INTERPRET GEOMETRIC TOLERANCING PER:
MATERIAL
FINISH
DO NOT SCALE DRAWING



B

A

DRAWN	CAD	DATE
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

TITLE: Drone Assembly		
SIZE A	DWG. NO. Drone_Assembly	REV
SCALE: 1:12		WEIGHT:
SHEET 1 OF 1		