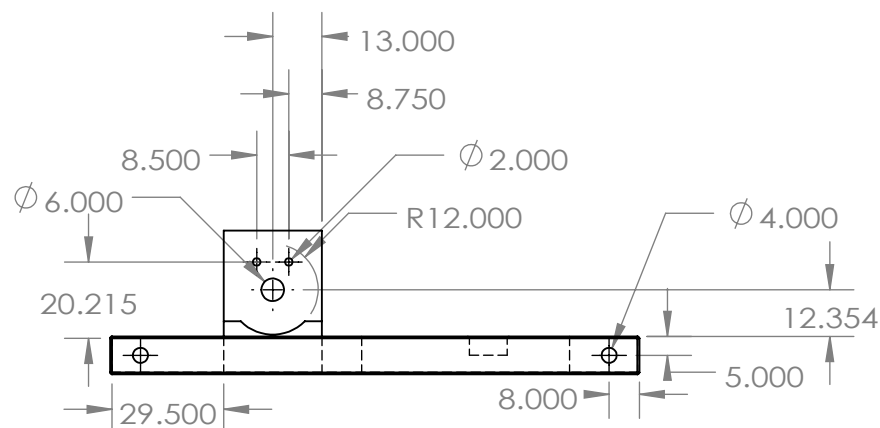
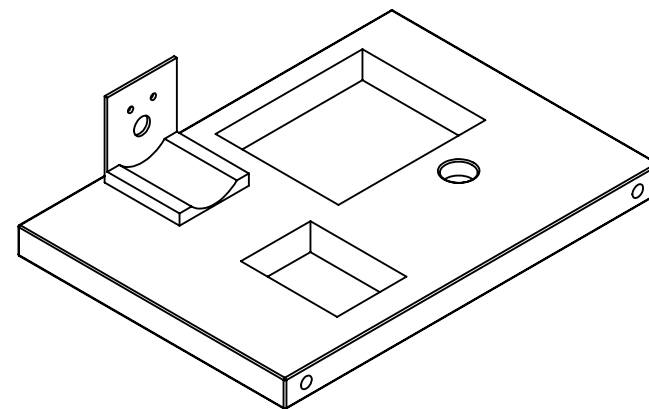


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Chassis		1
2	Washer		4
3	Axle-2.3mm		2
4	Wheel		4
5	PHT 2x6x5.2-slot-D-S	Screws	2
6	Motor		1
7	Inch - Spur gear 24DP 60T 14.5PA 0.15FW --- S60N3.0H2.0LO.5N	Larger Gear	1
8	Inch - Spur gear 24DP 12T 14.5PA 0.15FW --- S12N3.0H2.0LO.5N	Pinion	1
9	Socket		1
10	Ball		1
11	Solar Panel		1

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		UNLESS OTHERWISE SPECIFIED		NAME	DATE	MAE-94 UCLA		
		DIMENSIONS ARE IN INCHES	DRAWN	CYW	08/14/20	TITLE:  FINAL ASSEMBLY		
		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			SIZE	DWG.NO.	REV	
					<b>B</b>	WANG_FINALDESIGN	0	
					SCALE: 1:2		WEIGHT: N/A	SHEET 1 OF 1

1



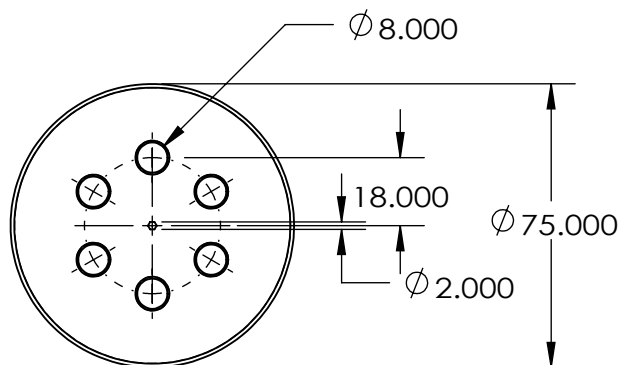
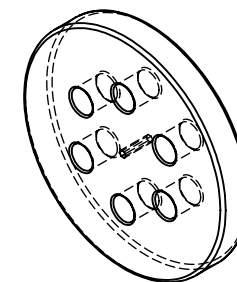
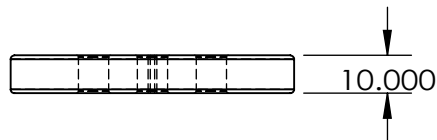
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		DIMENSIONS ARE IN MM TOLERANCES: FRACTIONAL ± ANGULAR: MACH ±    BEND ± TWO PLACE DECIMAL    ± THREE PLACE DECIMAL    ±	DRAWN	CYW	08/14/20				
			CHECKED						TITLE:
			ENG APPR.						
			MFG APPR.			CHASSIS			
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.						
		MATERIAL	COMMENTS						
		FINISH							
NEXT ASSY	USED ON					SIZE	DWG.NO.	REV	
						A	Chassis	0	
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:2	WEIGHT:	SHEET 1 OF 1	

2

1

**NOTE: ALL FILLETS 0.5mm UNLESS OTHERWISE SPECIFIED**



B

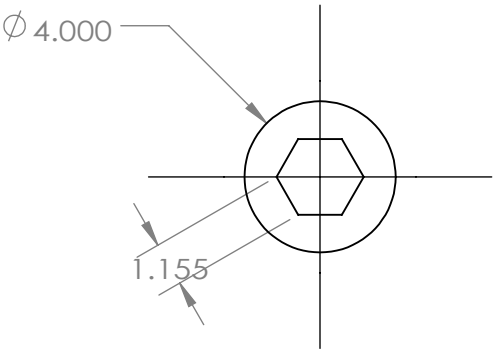
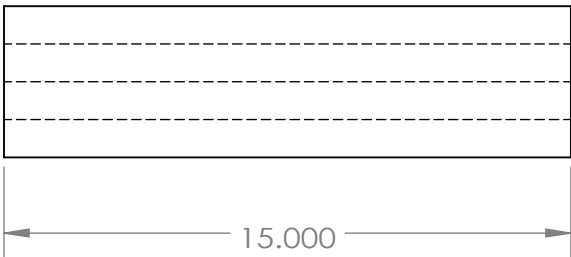
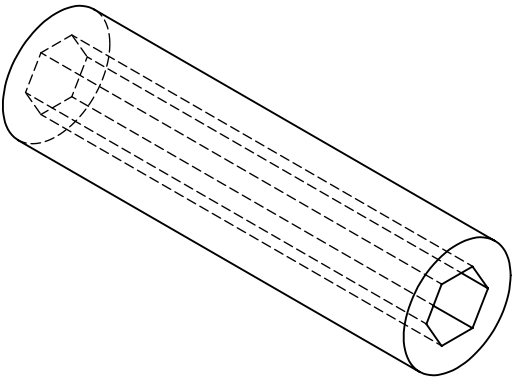
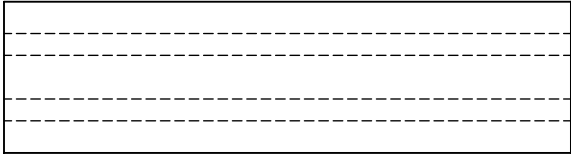
A

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		DIMENSIONS ARE IN MM TOLERANCES: FRACTIONAL ± ANGULAR: MACH ±    BEND ± TWO PLACE DECIMAL    ± THREE PLACE DECIMAL    ±	DRAWN	CYW	08/14/20			
			CHECKED			TITLE:  WHEEL		
			ENG APPR.					
			MFG APPR.					
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.					
		MATERIAL	COMMENTS					
NEXT ASSY	USED ON	FINISH				SIZE	DWG.NO.	REV
						A	Wheel	0
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:2	WEIGHT:	SHEET 1 OF 1

2

1

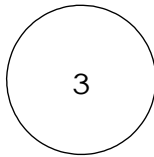


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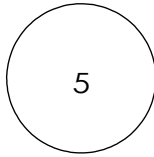
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		DIMENSIONS ARE IN MM TOLERANCES: FRACTIONAL $\pm$ ANGULAR: MACH $\pm$ BEND $\pm$ TWO PLACE DECIMAL $\pm$ THREE PLACE DECIMAL $\pm$
		INTERPRET GEOMETRIC TOLERANCING PER:
		MATERIAL
NEXT ASSY	USED ON	FINISH
APPLICATION		DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	CYW	08/14/20
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS		

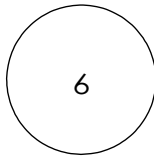
MAE-94 UCLA		
TITLE:		
WASHER		
SIZE	DWG.NO.	REV
A	Washer	0
SCALE: 5:1	WEIGHT:	SHEET 1 OF 1



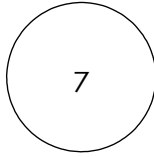
AXLE - 2.3 mm



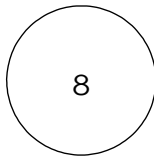
SCREWS - PHT 2 X 6 X 5.2 - SLOT - D - S



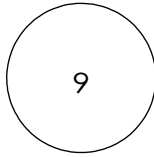
MOTOR



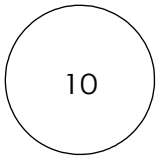
LARGER GEAR  
INCH - SPUR GEAR 24DP  
60T 14.5PA 0.15FW --- S60N3.0H2.0L0.5N



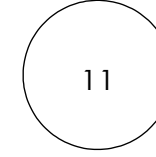
PINION  
INCH - SPUR GEAR 24DP  
12T 14.5PA 0.15FW --- S12N3.0H2.0L0.5N



SOLAR PANEL MOUNT SOCKET



SOLAR PANEL MOUNT BALL



SOLAR PANEL

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		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ±    BEND ± TWO PLACE DECIMAL   ± THREE PLACE DECIMAL   ±	DRAWN	CYW	08/14/20	TITLE:  STANDARD PARTS		
			CHECKED					
			ENG APPR.					
			MGF APPR.					
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			COMMENTS:		
		MATERIAL						
NEXT ASSY	USED ON	FINISH				SIZE <b>B</b>	DWG.NO. WANG_FINALDESIGN	REV 0
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:2	WEIGHT:	SHEET 1 OF 1