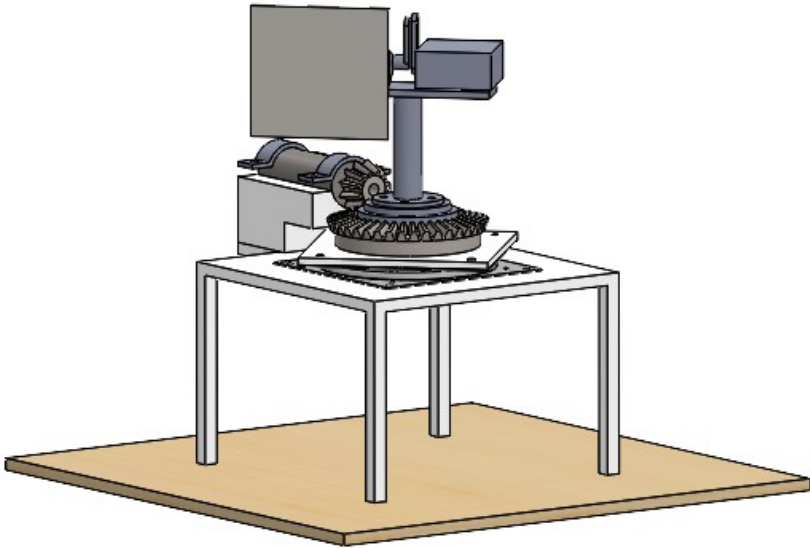
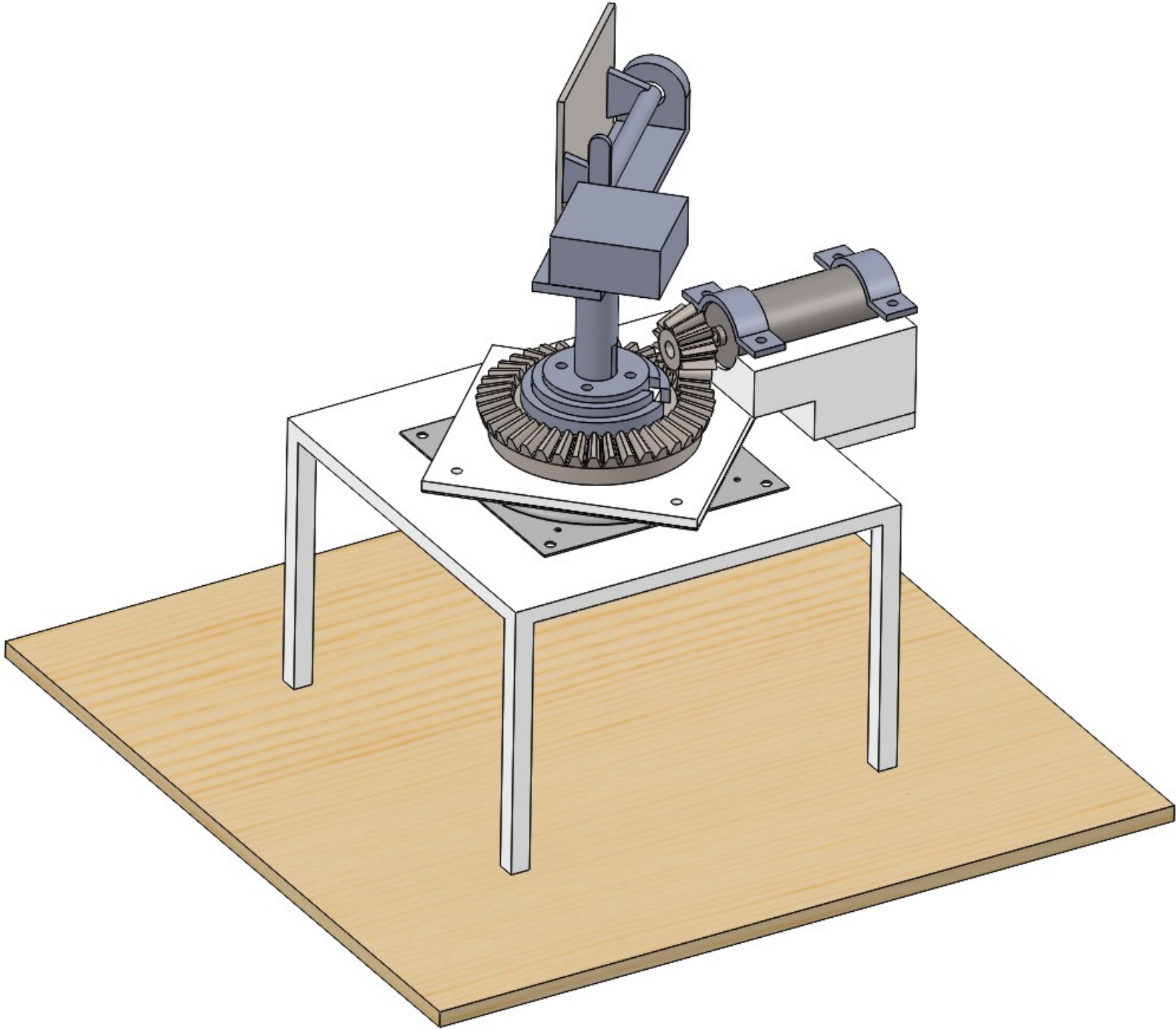


4

3

2

1



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<INSERT COMPANY NAME HERE> IS
PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: Heliostat Assembly	
		DIMENSIONS ARE IN INCHES	DRAWN				
		TOLERANCES:	CHECKED				
		FRACTIONAL ±	ENG APPR.				
		ANGULAR: MACH ± BEND ±	MFG APPR.			SIZE DWG. NO. REV	
		TWO PLACE DECIMAL ±	Q.A.				
		THREE PLACE DECIMAL ±	COMMENTS:			SCALE: 1:4 WEIGHT: SHEET 1 OF 2	
		INTERPRET GEOMETRIC TOLERANCING PER:					
		MATERIAL					
NEXT ASSY	USED ON	FINISH					
APPLICATION		DO NOT SCALE DRAWING					

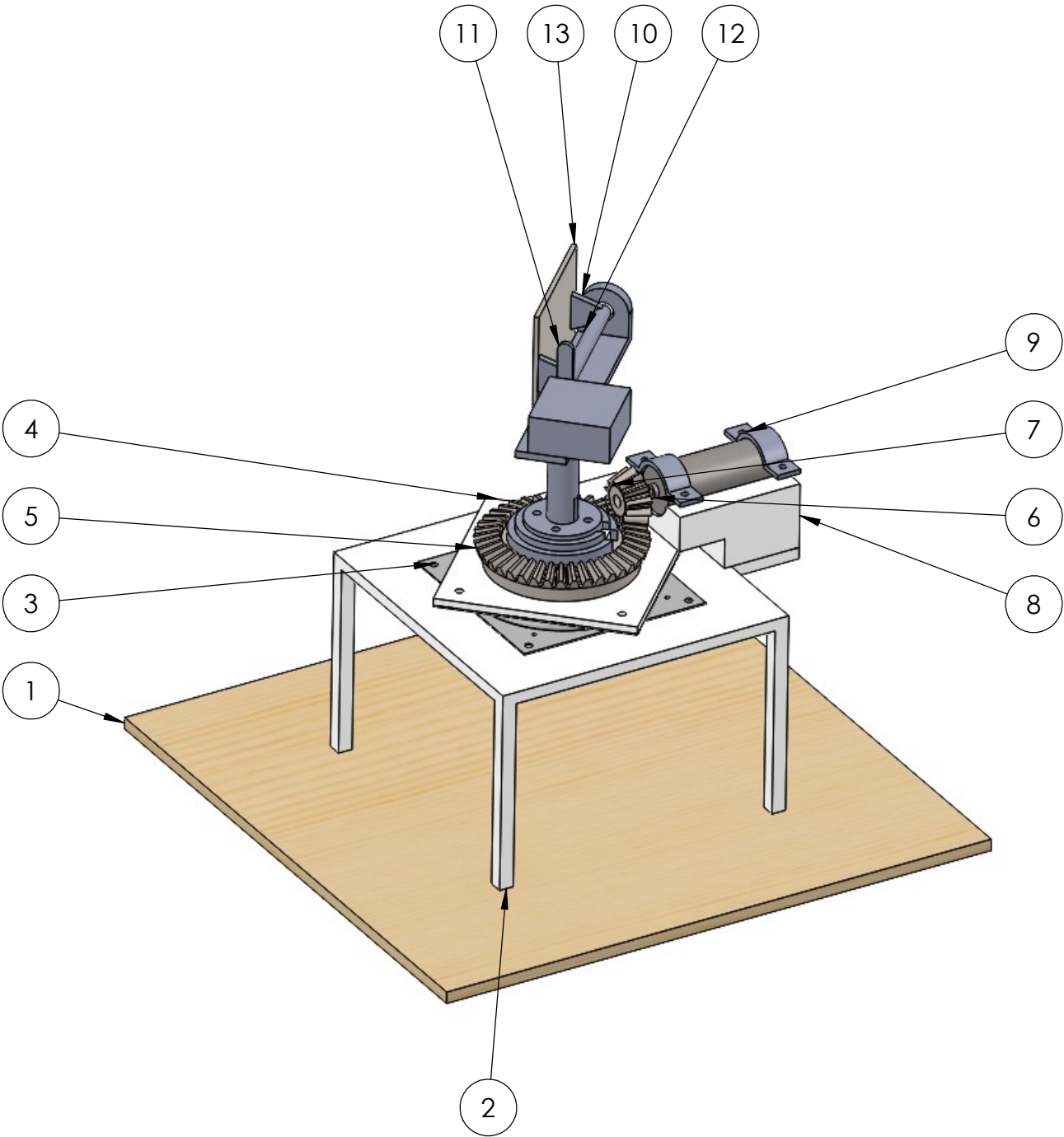
3

2

1

4		3			2		1	
ITEM NO.	PART NUMBER	DESCRIPTION		VENDOR	QTY.			
1	Baseplate			HOME DEPOT	1			
2	Heliostat Table			(3D PRINTED)	1			
3	6031K17_Unlubricated Turntable	Unlubricated Turntable		MCMASTER-CARR	1			
4	Gear Shaft			(3D PRINTED)	1			
5	Inch - Straight bevel gear 12DP 40GT 12PT 20PA 0.5FW --- 40O3.0H1MD1.5S1			(3D PRINTED)	1			
6	DC Motor			*N/A	1			
7	Inch - Straight bevel pinion 12DP12PT 40GT 20PA 0.5FW --- 12O1H.8MD0.25N			(3D PRINTED)	1			
8	DC Motor Holder (Bottom)			(3D PRINTED)	1			
9	DC Motor Clamp			(3D PRINTED)	2			
10	Central Arm			(3D PRINTED)	1			
11	Servo Motor			*N/A	1			
12	Yaw Shaft			(3D PRINTED)	1			
13	Mirror Plate			(3D PRINTED)	1			

*N/A : INDICATES PART VENDOR HAS NOT BEEN SELECTED YET.



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: Heliostat Assembly	
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		DRAWN			
		INTERPRET GEOMETRIC TOLERANCING PER:		CHECKED			
		MATERIAL		ENG APPR.			
		FINISH		MFG APPR.		SIZE DWG. NO. REV	
				Q.A.			
NEXT ASSY		USED ON		COMMENTS:		SCALE: 1:4 WEIGHT: SHEET 2 OF 2	
APPLICATION		DO NOT SCALE DRAWING					