

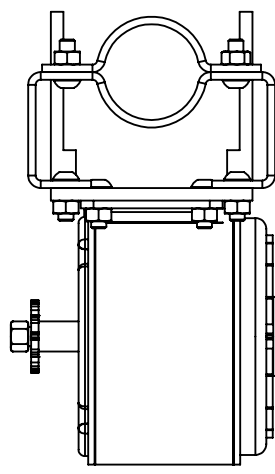
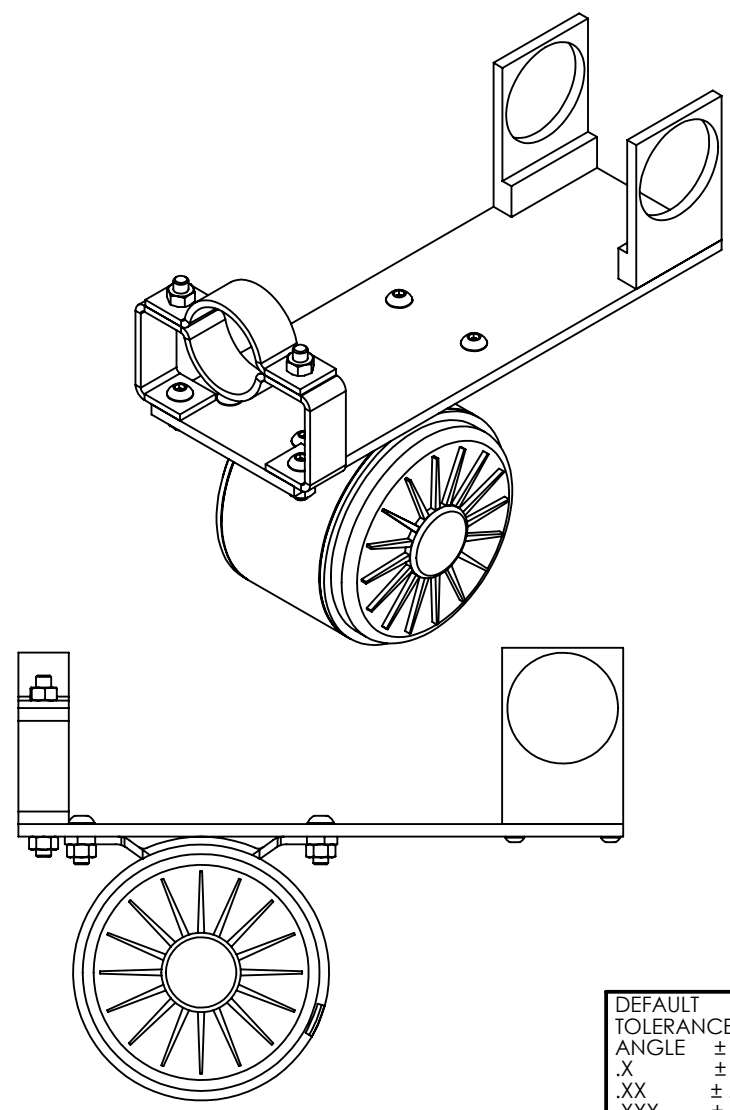
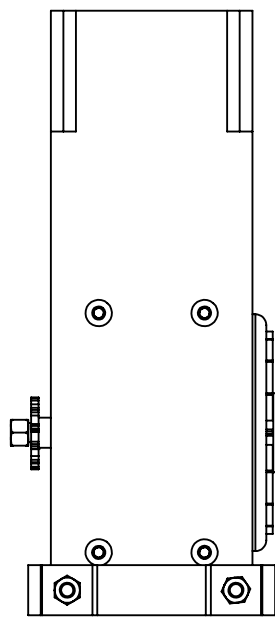
4


3

2

1

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1	INITIAL RELEASE	11/27/2024	XXX
2	ADDED DRAWING NUMBER	12/12/2024	

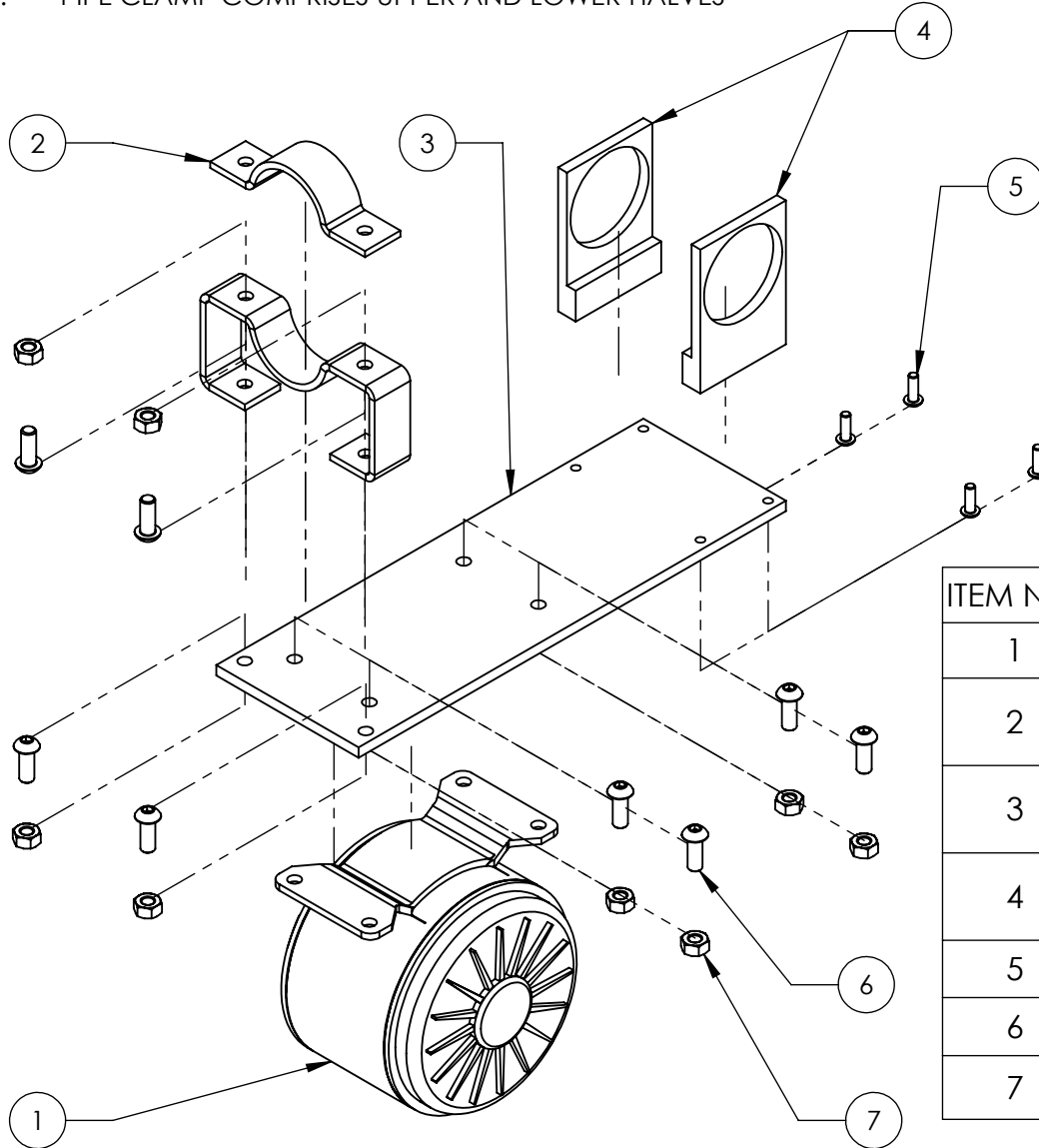


DEFAULT TOLERANCES: ANGLE ± 0.5° .X ± .1 .XX ± .03 .XXX ± .005	COURSE/PROJECT: ME190 / SOLAR E-BIKE		TEAM #: 20	
	TITLE: <b>MOTOR ASSEMBLY - ISO</b> DRAWN BY: JASON LOUCKS			
 SACRAMENTO STATE	PART/DWG #: S1		REV: 1	
	MATERIAL: N/A	SCALE: 1:3	SIZE: A	SHEET: 1 OF 2
	FINISH: N/A			

UNLESS OTHERWISE SPECIFIED DIMS ARE IN INCHES		
	DATE	INITIALS
APPROVED BY:		
INSPECTED BY:		

# NOTES:

- ALL SCREWS EXCEPT FOR THE UPPER-RIGHTMOST FOUR ARE ITEM #6
- PIPE CLAMP COMPRISES UPPER AND LOWER HALVES



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1	INITIAL RELEASE	11/27/2024	XXX
2	ADDED DRAWING NUMBER	12/12/2024	

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	W15165070030	MOTOR	1
2	FIGG2120125	EXTENDED PIPE CLAMP (GALVANIZED STEEL)	1
3	1248	MOUNTING PLATE (6061-T6 ALUMINUM)	1
4	1249	BOTTOM BRACKET RING (6061-T6 ALUMINUM)	2
5	94500A228	316 STAINLESS STEEL BUTTON HEAD HEX DRIVE SCREWS - M4 x 0.7 x 12	4
6	94500A237	316 STAINLESS STEEL BUTTON HEAD HEX DRIVE SCREWS - M6 x 1.0 x 16	8
7	90870A102	HIGH-STRENGTH ZINC-PLATED STEEL HEX NUT - M6 x 1.0	8

DEFAULT TOLERANCES:  
 ANGLE  $\pm 0.5^\circ$   
 .X  $\pm .1$   
 .XX  $\pm .03$   
 .XXX  $\pm .005$

COURSE/PROJECT: ME190 / SOLAR E-BIKE TEAM #: 20

TITLE: **MOTOR ASSEMBLY - EXPLODED**  
 DRAWN BY: JASON LOUCKS

PART/DWG #: S2 REV: 1

MATERIAL: N/A SCALE: 1:3 SIZE: A SHEET: 2 OF 2  
 FINISH: N/A

UNLESS OTHERWISE SPECIFIED DIMS ARE IN INCHES		
	DATE	INITIALS
APPROVED BY:		
INSPECTED BY:		

