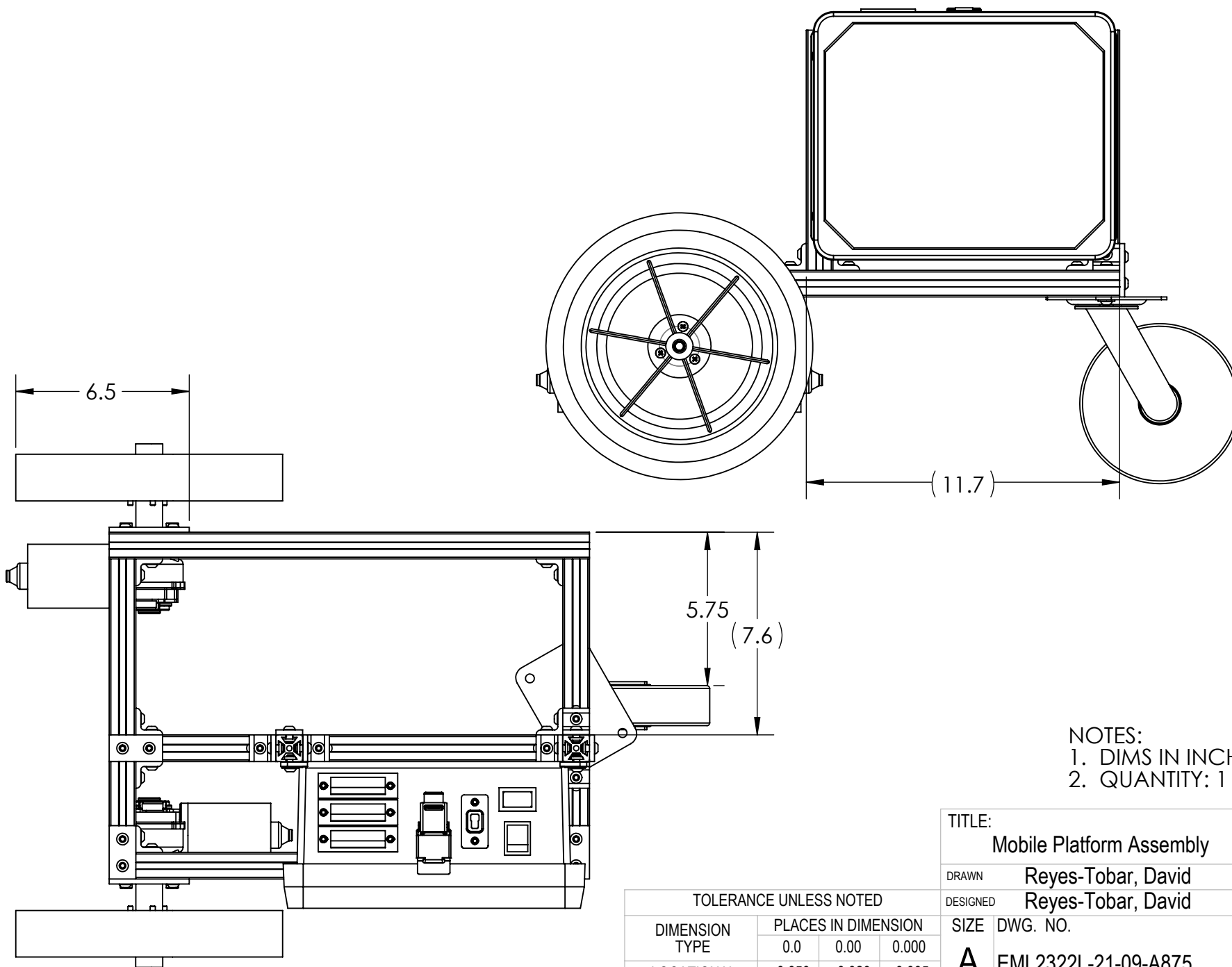


- NOTES:  
 1. DIMS IN INCHES  
 2. QUANTITY: 1

TITLE:				Mobile Platform Assembly		
DRAWN				Reyes-Tobar, David		
DESIGNED				Reyes-Tobar, David		
SIZE	DWG. NO.				REV	
A	EML2322L-21-09-A875				C	
SCALE: 1:4		SHEET 1 OF 4				

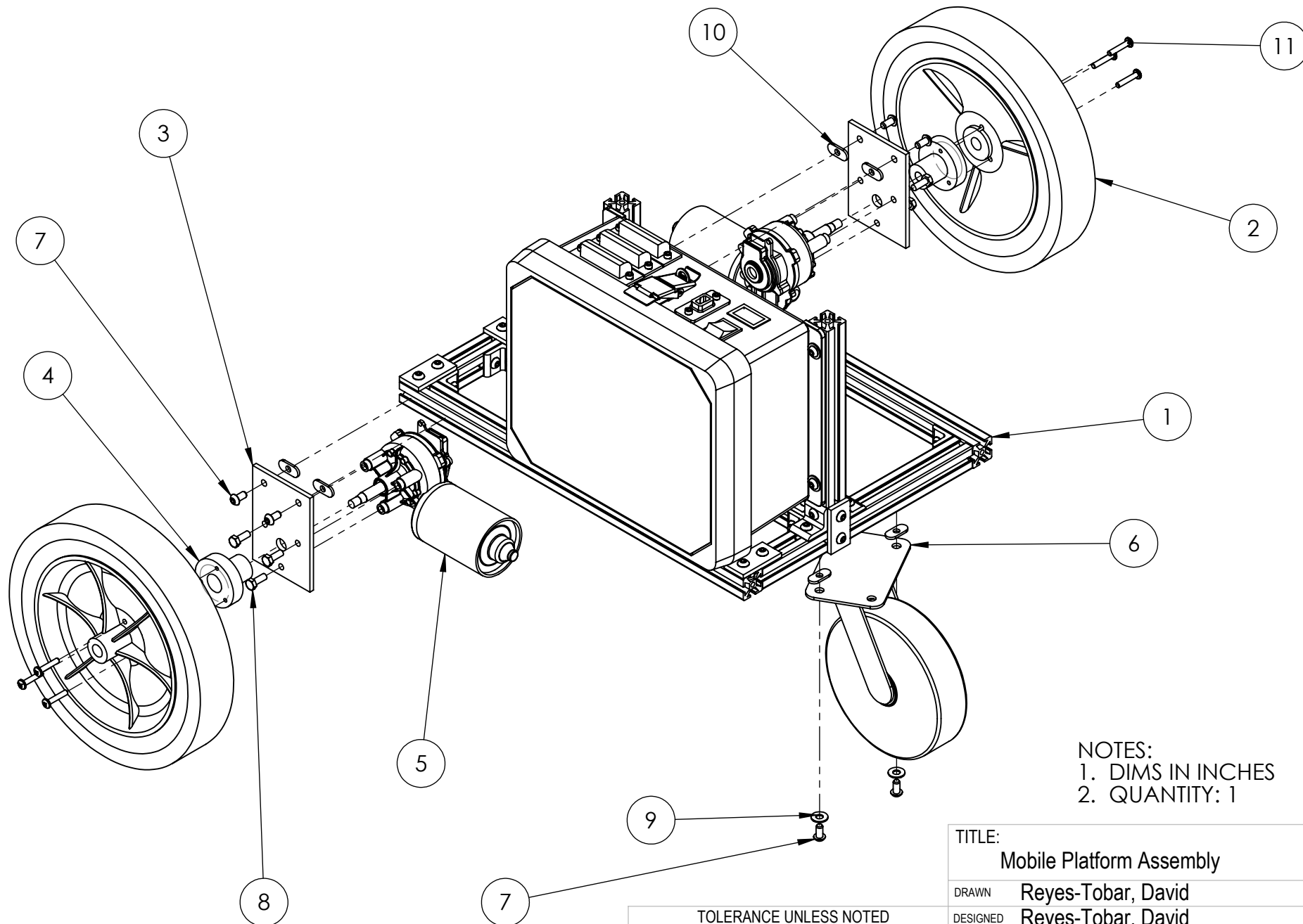
TOLERANCE UNLESS NOTED			
DIMENSION TYPE	PLACES IN DIMENSION		
	0.0	0.00	0.000
LOCATIONAL	±0.050	±0.020	±0.005
ANGULAR	±5	±2	±0.5



- NOTES:  
 1. DIMS IN INCHES  
 2. QUANTITY: 1

TITLE:			
Mobile Platform Assembly			
DRAWN Reyes-Tobar, David			
DESIGNED Reyes-Tobar, David			
SIZE	DWG. NO.		REV
A	EML2322L-21-09-A875		C
SCALE: 1:5		SHEET 2 OF 4	

TOLERANCE UNLESS NOTED			
DIMENSION TYPE	PLACES IN DIMENSION		
	0.0	0.00	0.000
LOCATIONAL	±0.050	±0.020	±0.005
ANGULAR	±5	±2	±0.5



NOTES:  
 1. DIMS IN INCHES  
 2. QUANTITY: 1

TITLE: Mobile Platform Assembly				
DRAWN		Reyes-Tobar, David		
DESIGNED		Reyes-Tobar, David		
SIZE	DWG. NO.			REV
A	EML2322L-21-09-A875			C
SCALE: 1:5		SHEET 3 OF 4		

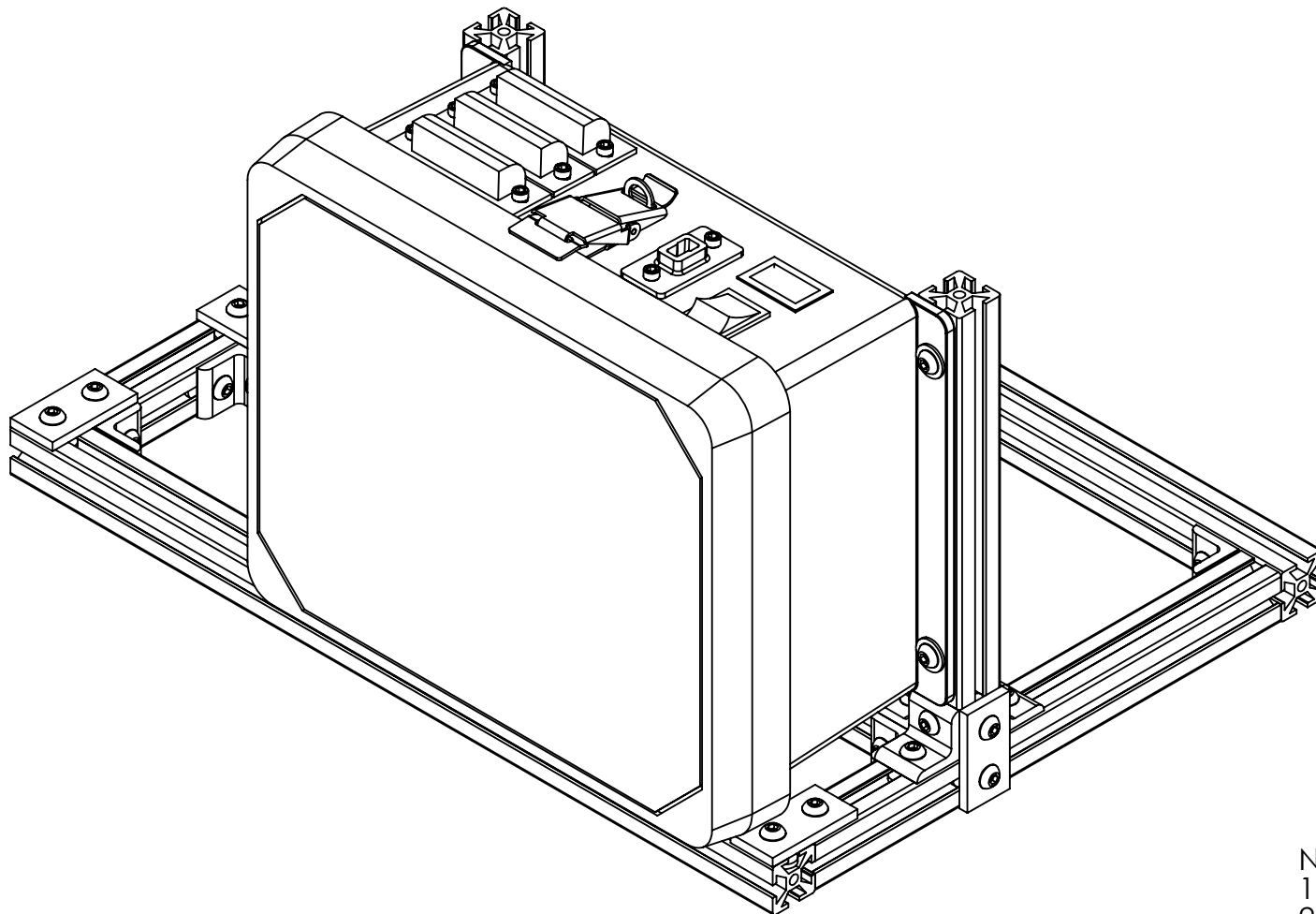
DIMENSION TYPE	TOLERANCE UNLESS NOTED		
	PLACES IN DIMENSION		
	0.0	0.00	0.000
LOCATIONAL	±0.050	±0.020	±0.005
ANGULAR	±5	±2	±0.5

ITEM NO.	Part Number	DESCRIPTION	QTY.
1	EML2322L-21-10-A1266	Frame Assembly	1
2	EML2322L-OTS25	10 Inch Wheel	2
3	EML2322L-21-09-3911	Motor Mount	2
4	EML2322L-21-09-2893	Wheel Hub	2
5	EML2322L-OTS31	44 RPM Entstort Right Angle Gear Motor	2
6	EML2322L-OTS20	Caster Wheel	1
7	EML2322L-OTS7	1/4-20 X 1/2 inch BHCS	6
8	EML2322L-OTS8	10-24 X 1 inch Pan Head	6
9	EML2322L-OTS9	1/4-20 x 5/8 inch Washer	2
10	EML2322L-OTS6	1/4-20 T-Nut	6
11	EML2322L-OTS11	M6X1.0X16mm Hex Head	6

NOTES:  
1. DIMS IN INCHES  
2. QUANTITY: 1

TITLE: Mobile Platform Assembly			
DRAWN: Reyes-Tobar, David			
DESIGNED: Reyes-Tobar, David			
SIZE: A	DWG. NO. EML2322L-21-09-A875		REV: C
SCALE:		SHEET 4 OF 4	

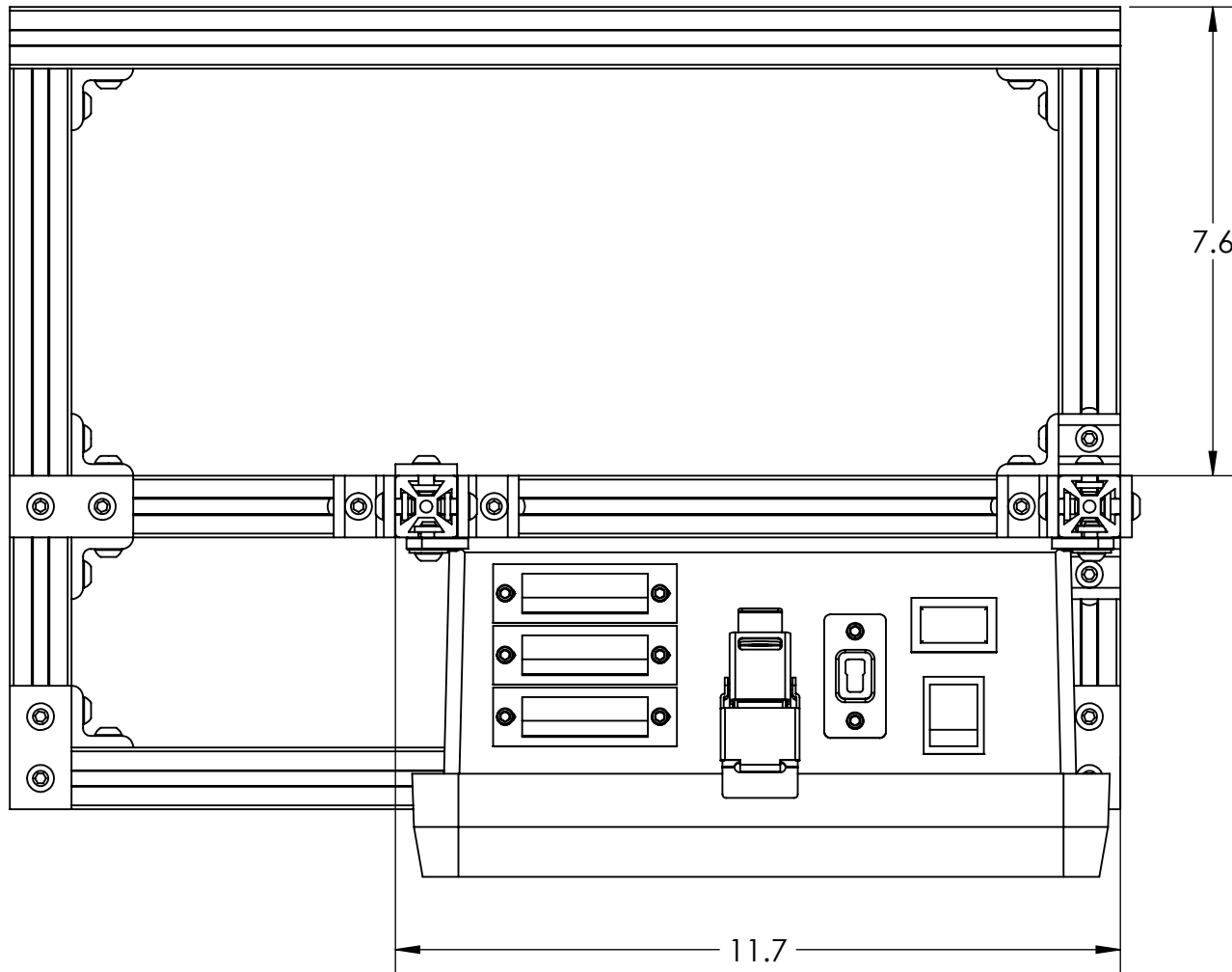
TOLERANCE UNLESS NOTED			
DIMENSION TYPE	PLACES IN DIMENSION		
	0.0	0.00	0.000
LOCATIONAL	±0.050	±0.020	±0.005
ANGULAR	±5	±2	±0.5



NOTES:  
 1. DIMS IN INCHES  
 2. QUANTITY: 1

TITLE:				Frame Assembly		
DRAWN				Reyes-Tobar, David		
DESIGNED				Reyes-Tobar, David		
SIZE	DWG. NO.				REV	
A	EML2322L-21-10-A1266				C	
SCALE: 1:3					SHEET 1 OF 4	

TOLERANCE UNLESS NOTED			
DIMENSION TYPE	PLACES IN DIMENSION		
	0.0	0.00	0.000
LOCATIONAL	±0.050	±0.020	±0.005
ANGULAR	±5	±2	±0.5



NOTES:  
 1. DIMS IN INCHES  
 2. QUANTITY: 1

TITLE: Frame Assembly			
DRAWN Reyes-Tobar, David			
DESIGNED Reyes-Tobar, David			
SIZE	DWG. NO.		REV
A	EML2322L-21-10-A1266		C
SCALE: 1:3		SHEET 2 OF 4	

DIMENSION TYPE	TOLERANCE UNLESS NOTED		
	PLACES IN DIMENSION		
	0.0	0.00	0.000
LOCATIONAL	±0.050	±0.020	±0.005
ANGULAR	±5	±2	±0.5



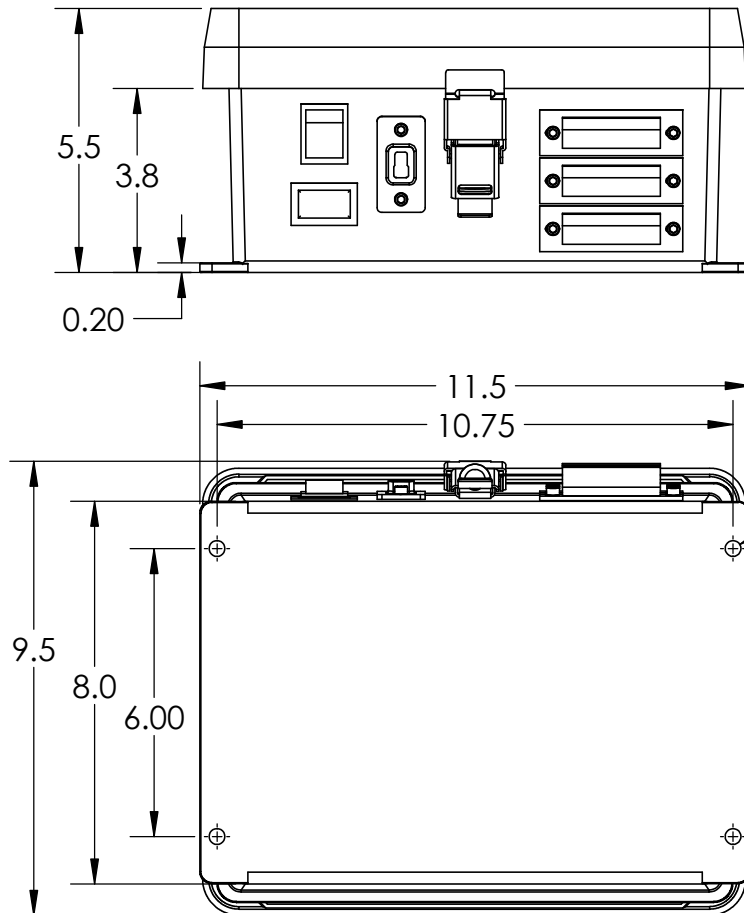
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EML2322L-21-10-5390	80-20 Extrusion - 11.0 inch	2
2	EML2322L-21-09-4021	80-20 Extrusion - 18.0 inch	2
3	EML2322L-21-09-4027	80-20 Extrusion - 16.0 inch	1
4	EML2322L-21-09-4216	80-20 Extrusion - 9.0 inch	2
5	EML2322L-OTS1	Control Box	1
6	EML2322L-A-OTS2	80-20 Straight Degree Bracket Assembly	5
7	EML2322L-A-OTS1	80-20 90 Degree Bracket Assembly	13
8	EML2322L-OTS9	1/4-20 x 5/8 inch Washer	4
9	EML2322L-OTS6	1/4-20 T-Nut	4
11	EML2322L-OTS7	1/4-20 X 1/2 inch BHCS	4

NOTES:  
1. DIMS IN INCHES  
2. QUANTITY: 1

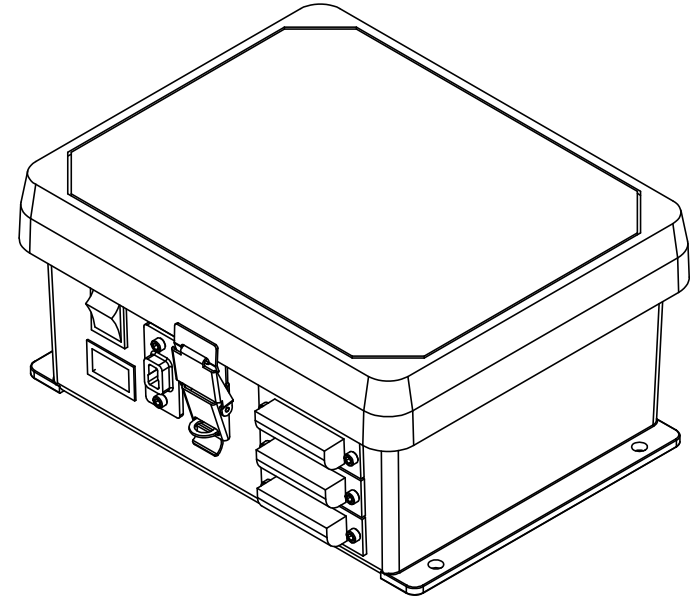
TITLE: Frame Assembly			
DRAWN		Reyes-Tobar, David	
DESIGNED		Reyes-Tobar, David	
SIZE	DWG. NO.		REV
A	EML2322L-21-10-A1266		C
SCALE: 1:4		SHEET 4 OF 4	

TOLERANCE UNLESS NOTED			
DIMENSION TYPE	PLACES IN DIMENSION		
	0.0	0.00	0.000
LOCATIONAL	±0.050	±0.020	±0.005
ANGULAR	±5	±2	±0.5



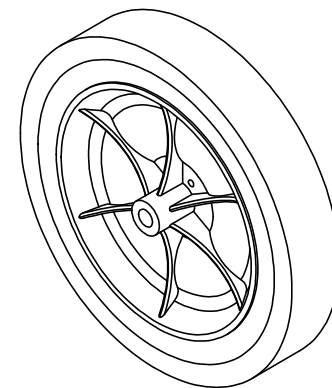
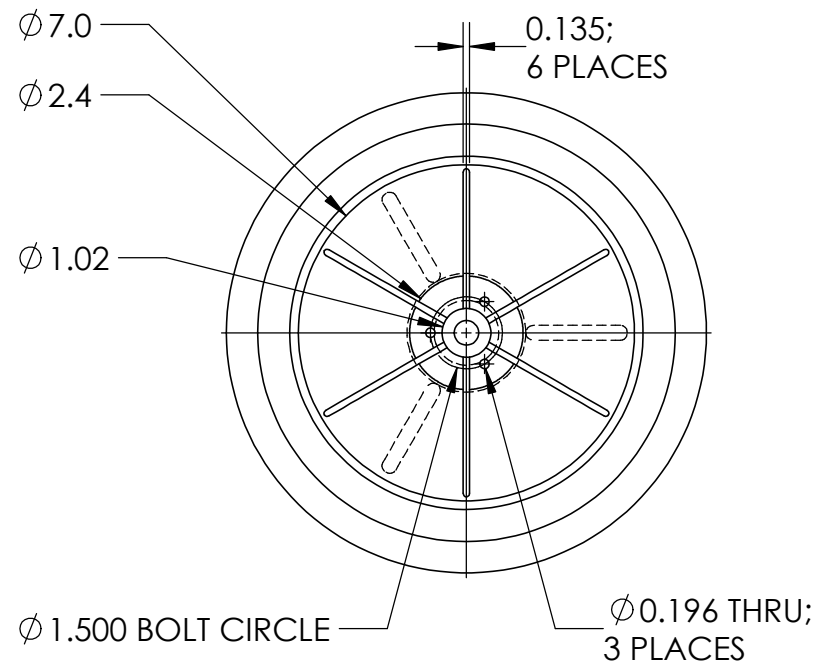
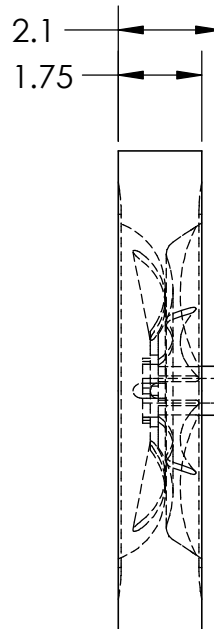
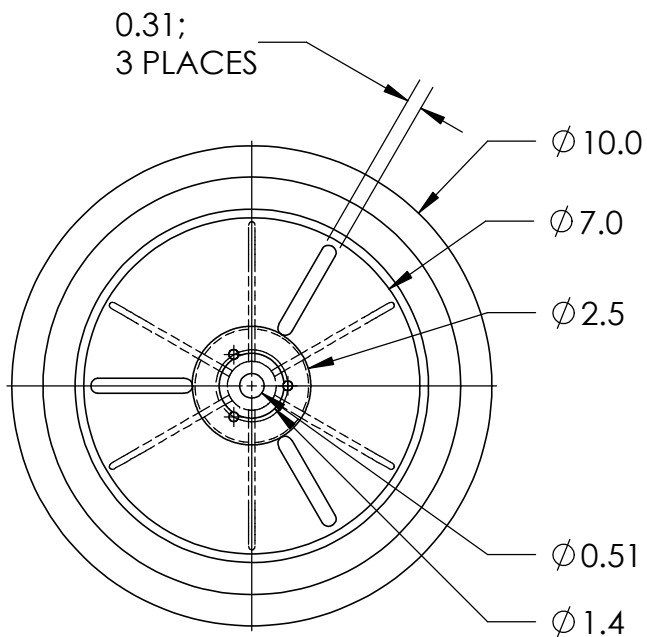


Ø 0.328 THRU;  
4 PLACES



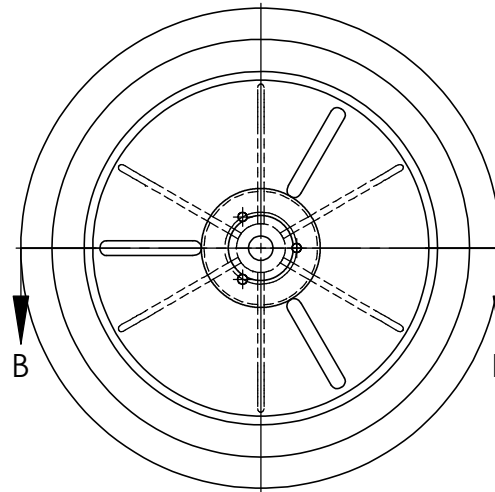
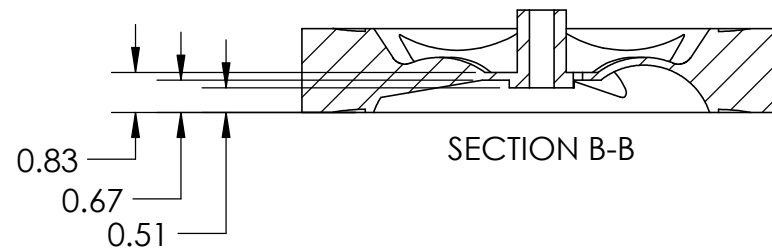
- NOTES:  
 1. DIMS IN INCHES  
 2. QTY SPECIFIED IN BOM  
 3. DIM AND MAT'L SPECIFIED BY MANUFACTURER

TOLERANCE UNLESS NOTED				TITLE:		
MEASURING INSTRUMENT	PLACES IN DIMENSION			Control Box		
	0.0	0.00	0.000	DRAWN	KRISTIN BROOKER	
CALIPERS	/	/	±0.005	DESIGNED	VYNCKIER ENCLOSURES	
PRECISION RULER	/	±0.015	/	SIZE	DWG. NO.	REV
TAPE MEASURE	±0.030	/	/	<b>A</b>	EML2322L-OTS1	<b>B</b>
PROTRACTOR	±10	±5	±2	SCALE: 1:4		SHEET 1 OF 1



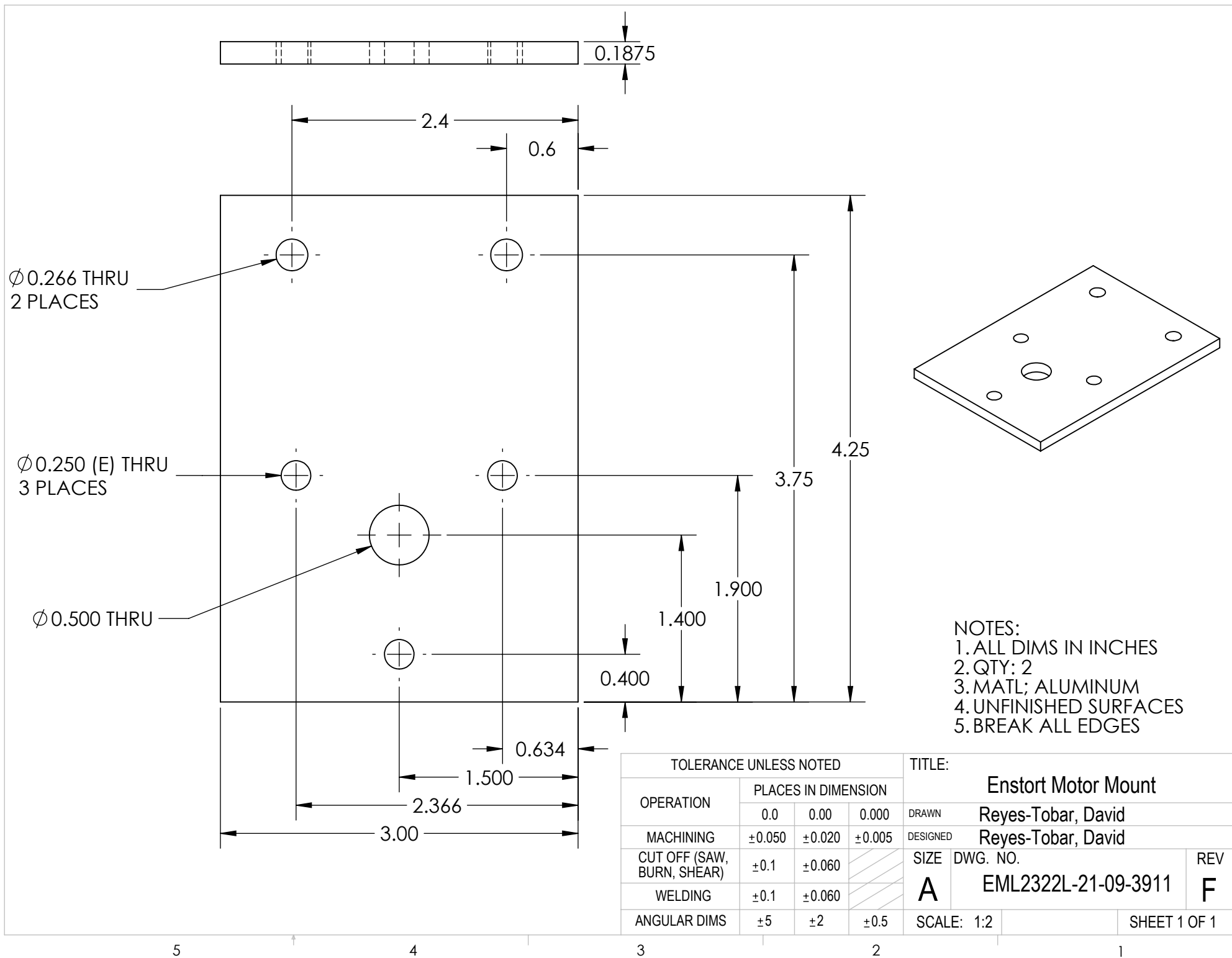
- NOTES:
1. DIMS IN INCHES
  2. QTY SPECIFIED IN BOM
  3. DIMS AND MAT'L SPECIFIED BY MANUFACTURER

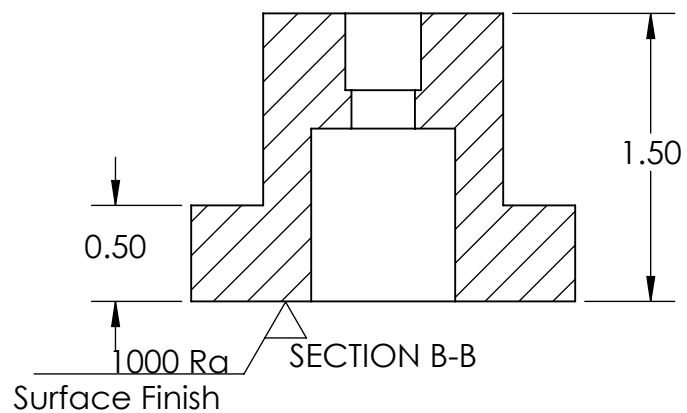
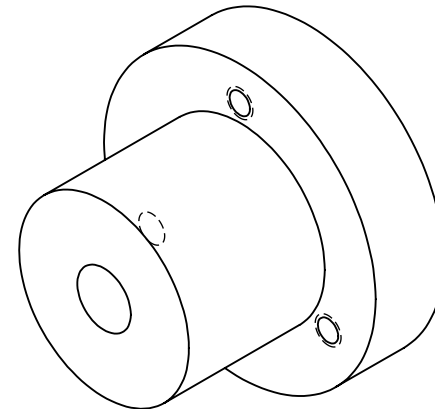
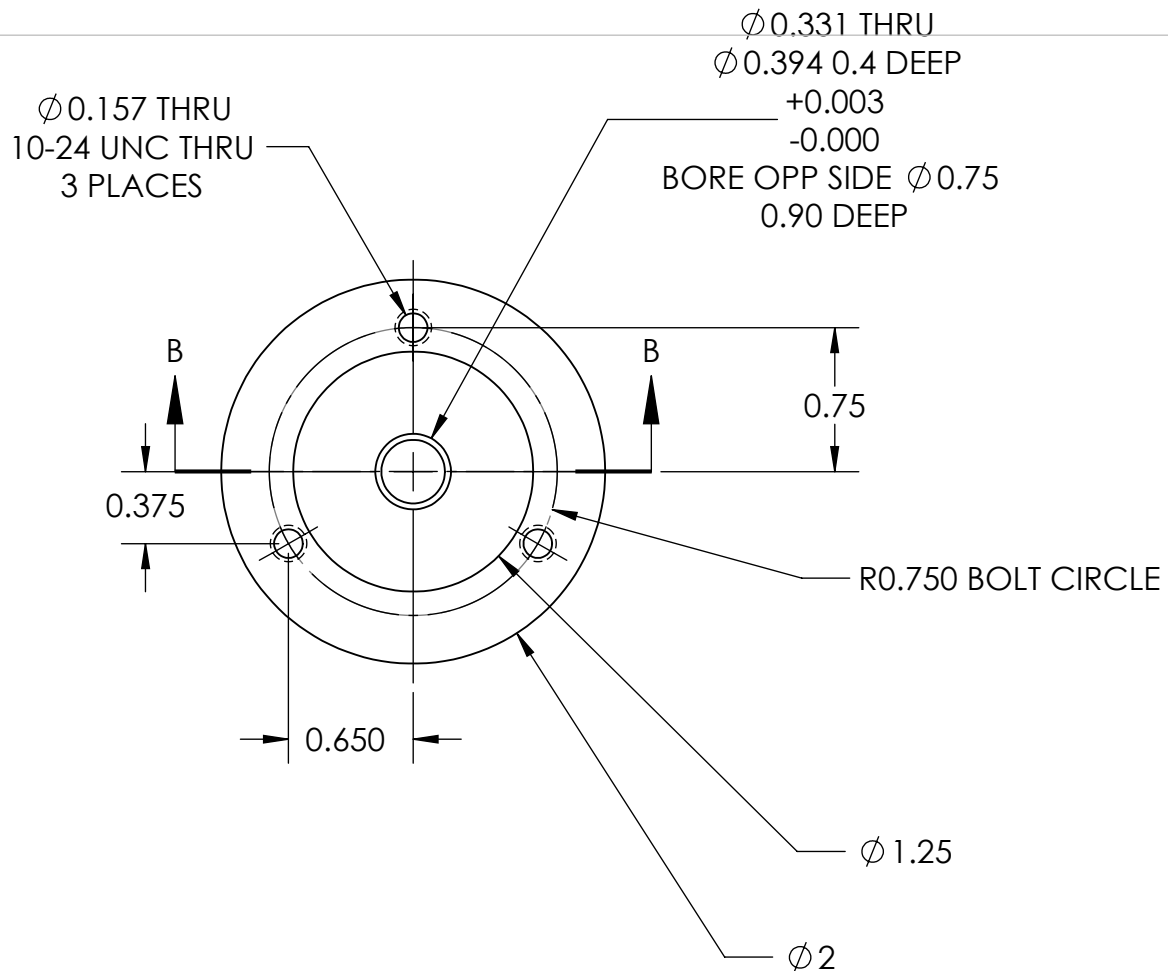
TOLERANCE UNLESS NOTED				TITLE:		
MEASURING INSTRUMENT	PLACES IN DIMENSION			10 Inch Wheel		
	0.0	0.00	0.000	DRAWN	J. DERSCH	
CALIPERS			±0.005	DESIGNED	ARNOLD	
PRECISION RULER		±0.015		SIZE	DWG. NO.	REV
TAPE MEASURE	±0.030			<b>A</b>	EML2322L-OTS25	<b>A</b>
PROTRACTOR	±10	±5	±2	SCALE: 1:4		SHEET 1 OF 2



- NOTES:
1. DIMS IN INCHES
  2. QTY SPECIFIED IN BOM
  3. DIMS AND MAT'L SPECIFIED BY MANUFACTURER

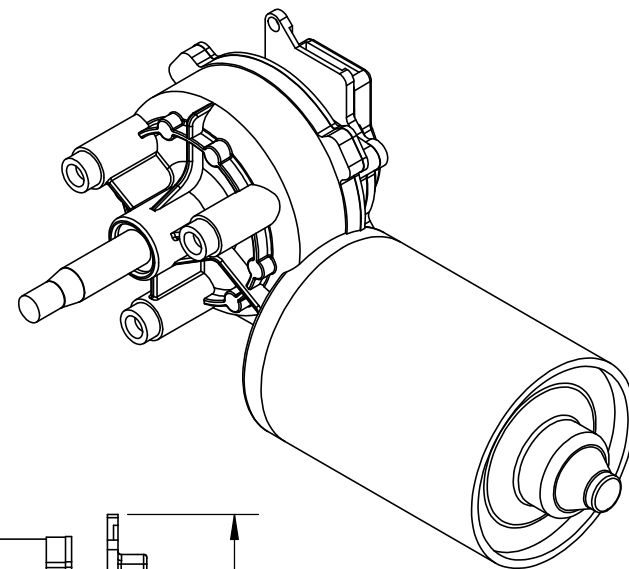
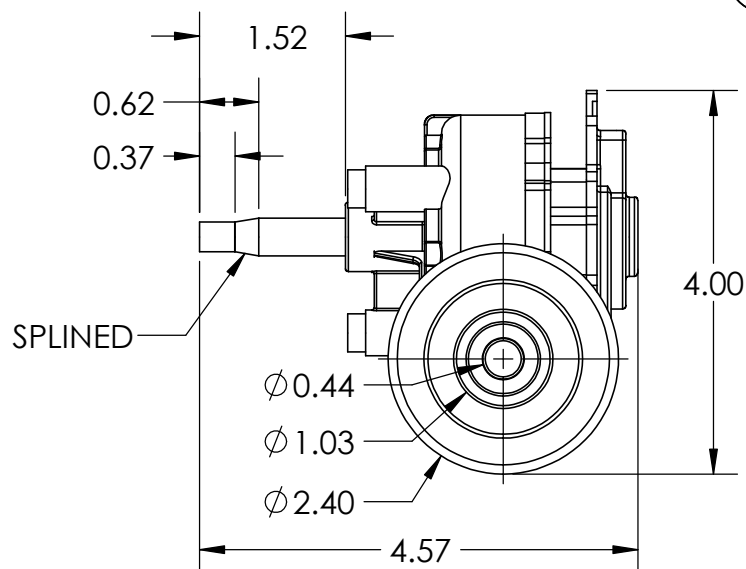
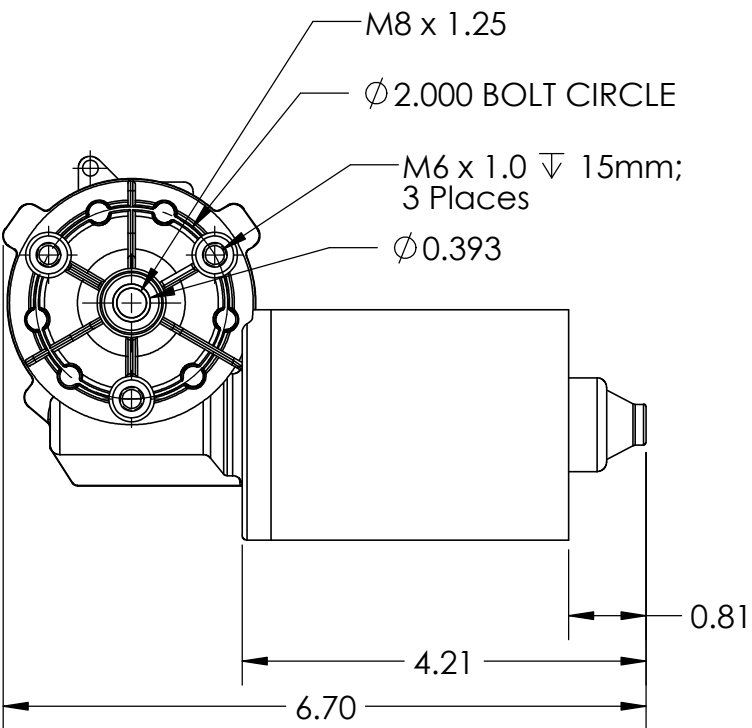
TOLERANCE UNLESS NOTED				TITLE:		
MEASURING INSTRUMENT	PLACES IN DIMENSION			10 Inch Wheel		
	0.0	0.00	0.000	DRAWN	J. DERSCH	
CALIPERS	/	/	±0.005	DESIGNED	ARNOLD	
PRECISION RULER	/	±0.015	/	SIZE	DWG. NO.	REV
TAPE MEASURE	±0.030	/	/	<b>A</b>	EML2322L-OTS25	<b>A</b>
PROTRACTOR	±10	±5	±2	SCALE: 1:4		SHEET 2 OF 2





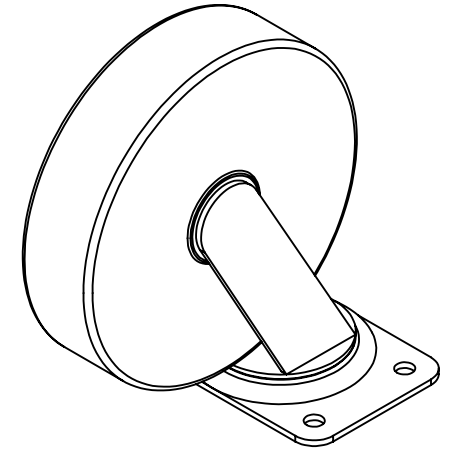
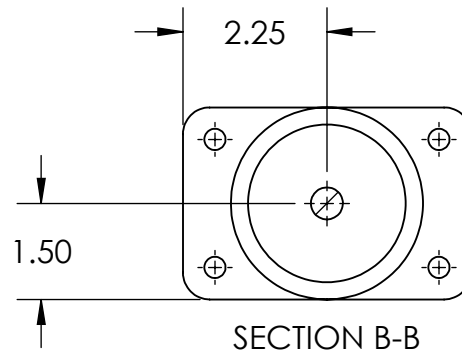
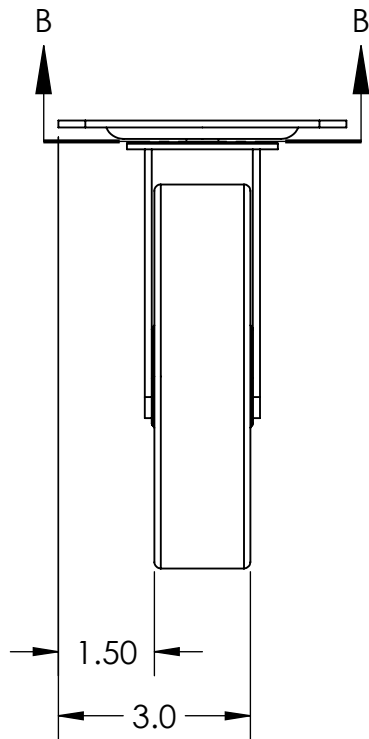
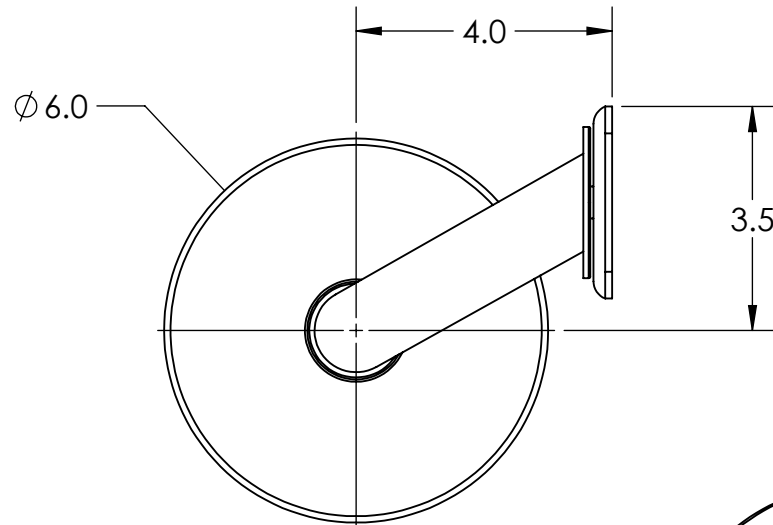
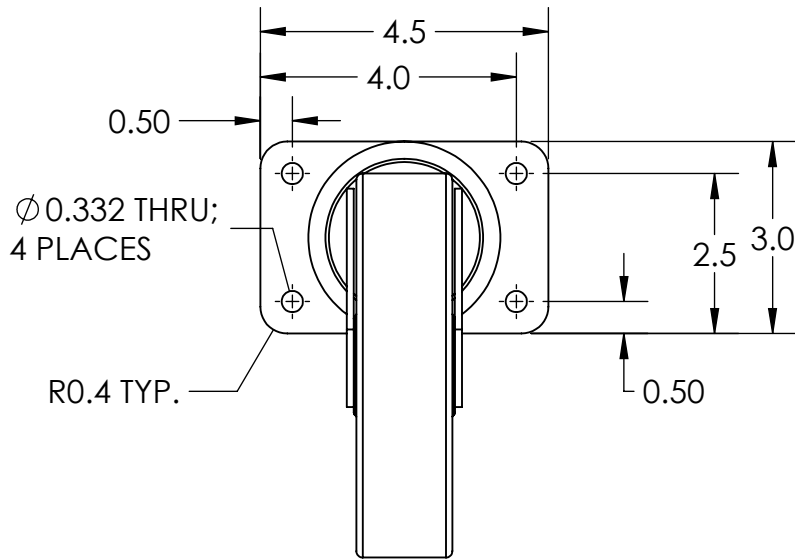
- NOTES:
- 1.QTY: 2
  - 2.ALL DIMS IN INCHES
  - 3.MATL: ALUMINUM
  - 4.FINISH NOTED SURFACES
  - 5.FILE SHARP EDGES

TOLERANCE UNLESS NOTED				TITLE:		
OPERATION	PLACES IN DIMENSION			Wheel Hub		
	0.0	0.00	0.000	DRAWN Khouri, Joshua Kyle		
MACHINING	$\pm 0.050$	$\pm 0.020$	$\pm 0.005$	CHECKED		
CUT OFF (SAW, BURN, SHEAR)	$\pm 0.1$	$\pm 0.060$		SIZE	DWG. NO.	REV
WELDING	$\pm 0.1$	$\pm 0.060$		A	EML2322L-21-09-2893	C
ANGULAR DIMS	$\pm 5$	$\pm 2$	$\pm 0.5$	SCALE: 1:1	SHEET 1 OF 1	



- NOTES:
1. DIMS IN INCHES
  2. QTY SPECIFIED IN BOM
  3. DIMS AND MAT'L SPECIFIED BY MANUFACTURER

TOLERANCE UNLESS NOTED				TITLE:		
MEASURING INSTRUMENT	PLACES IN DIMENSION			44 RPM Entstort Right Angle Gear Motor		
	0.0	0.00	0.000	DRAWN	J. DERSCH	
CALIPERS	/	/	±0.005	DESIGNED	ENTSTORT	
PRECISION RULER	/	±0.015	/	SIZE	DWG. NO.	REV
TAPE MEASURE	±0.030	/	/	<b>A</b>	EML2322L-OTS31	<b>A</b>
PROTRACTOR	±10	±5	±2	SCALE: 1:2		SHEET 1 OF 1



- NOTES:
1. DIMS IN INCHES
  2. QUANTITY: 1
  3. DIM AND MAT'L SPECIFIED BY MANUFACTURER

TOLERANCE UNLESS NOTED				TITLE:		
MEASURING INSTRUMENT	PLACES IN DIMENSION			Caster Wheel		
	0.0	0.00	0.000	DRAWN	Reyes-Tobar, David	
CALIPERS			$\pm 0.005$	DESIGNED	Khouri, Joshua Kyle	
PRECISION RULER		$\pm 0.015$		SIZE	DWG. NO.	REV
TAPE MEASURE	$\pm 0.030$			<b>A</b>	<b>EML2322L-OTS20</b>	<b>B</b>
PROTRACTOR	$\pm 10$	$\pm 5$	$\pm 2$	SCALE: 1:3		SHEET 1 OF 1