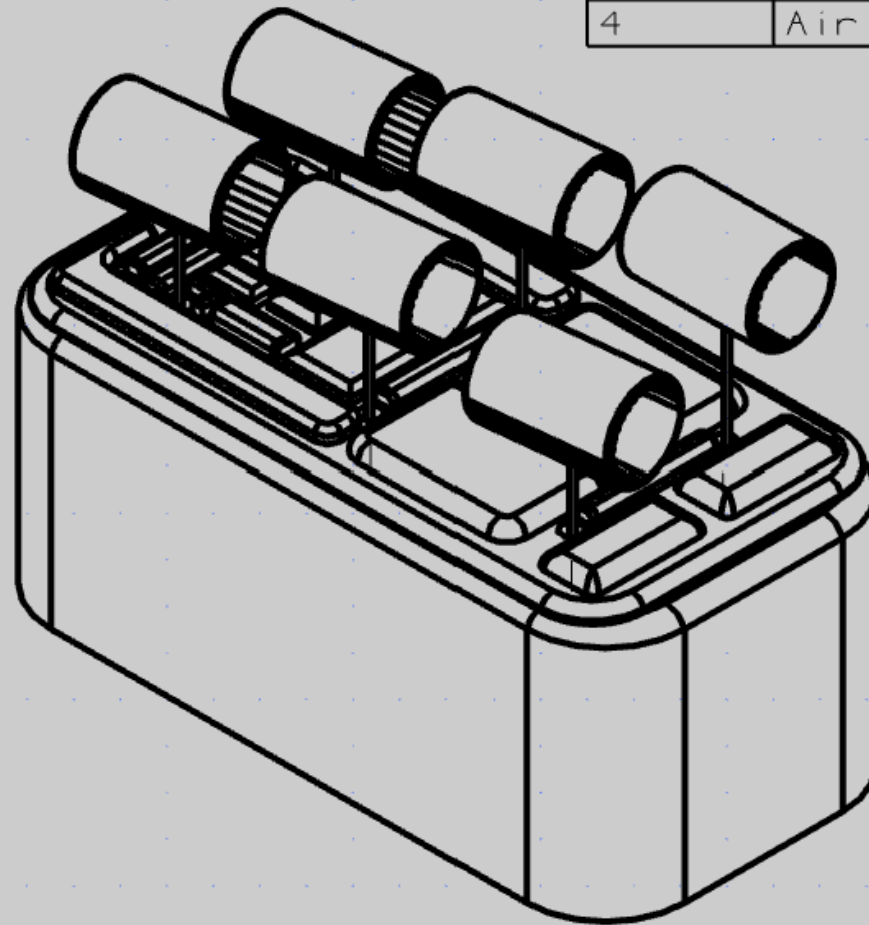
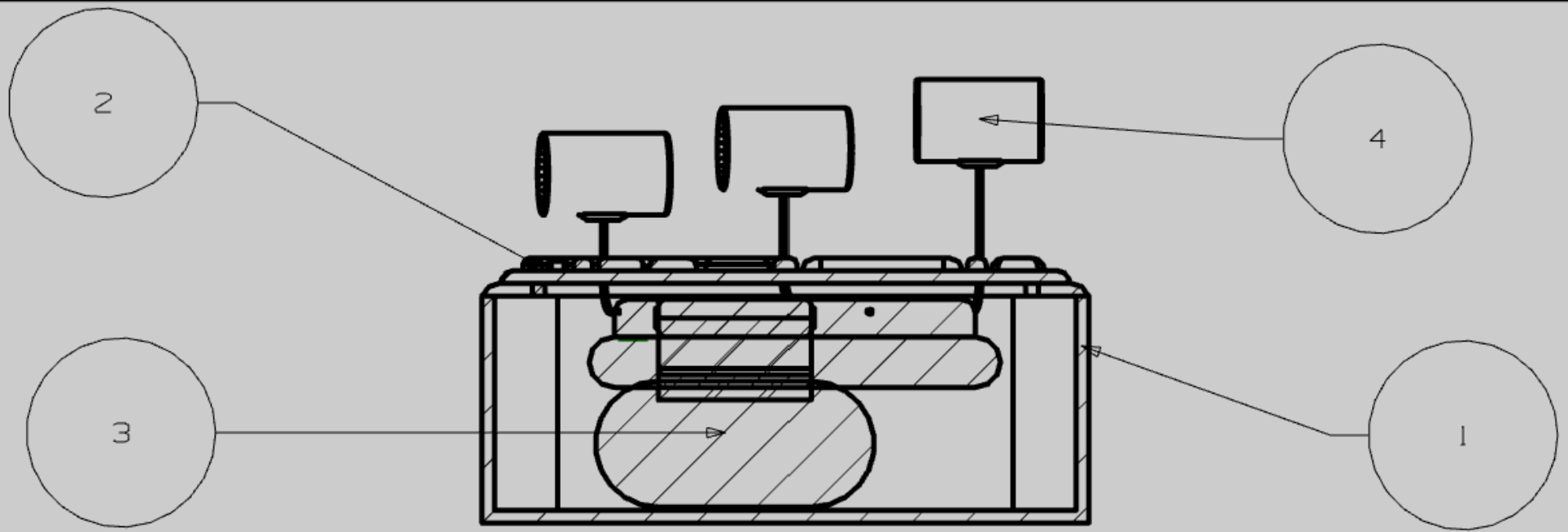


PC NO	PART NAME	QTY
1	Bed Body	1
2	Top Bed	1
3	Pump	1
4	Air Pads	6

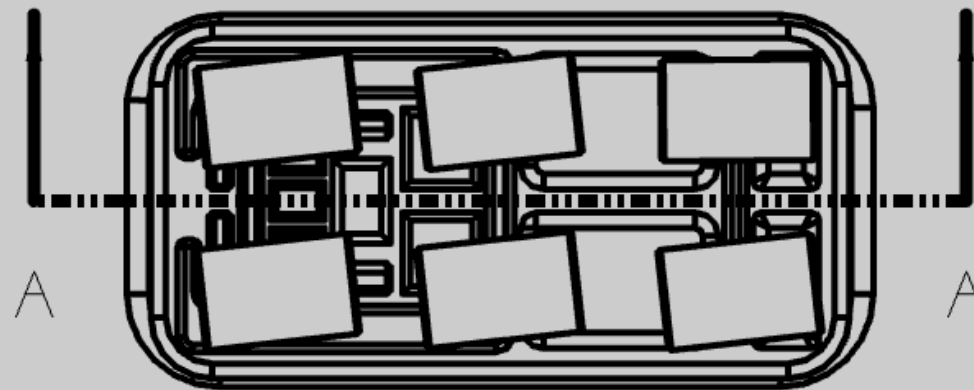


Michigan Technological University	Title: Bed Assembly		Units: Inches
Engineer: Mohamed Salem	Team: E-13	Date: 11/5/2020	Sheet: 1/3

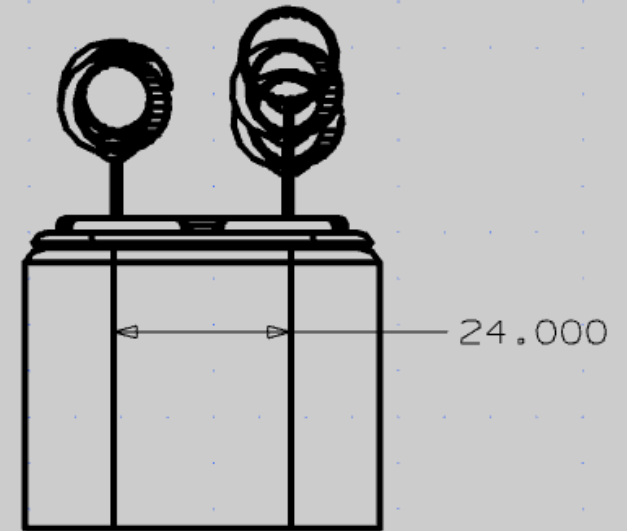
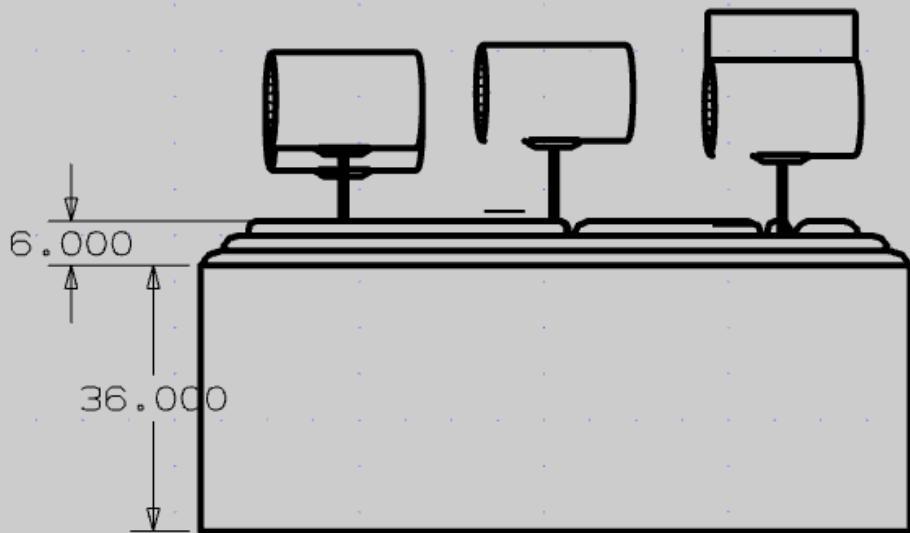
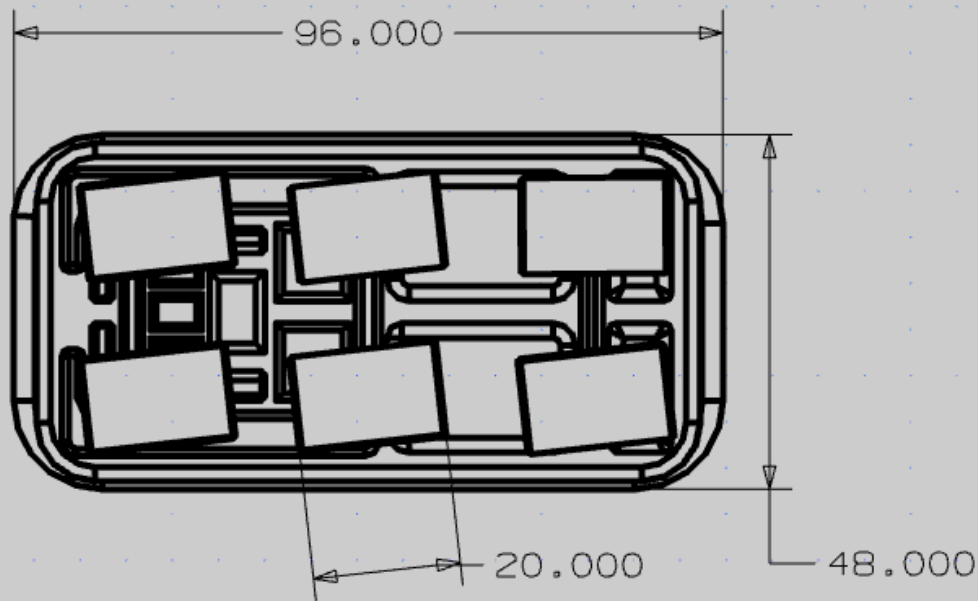


SECTION A - A

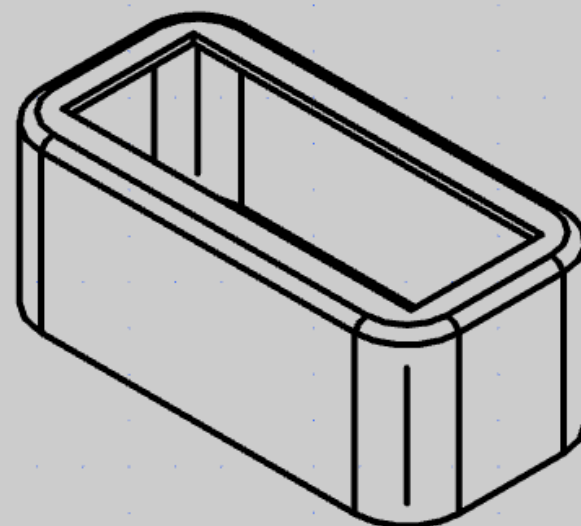
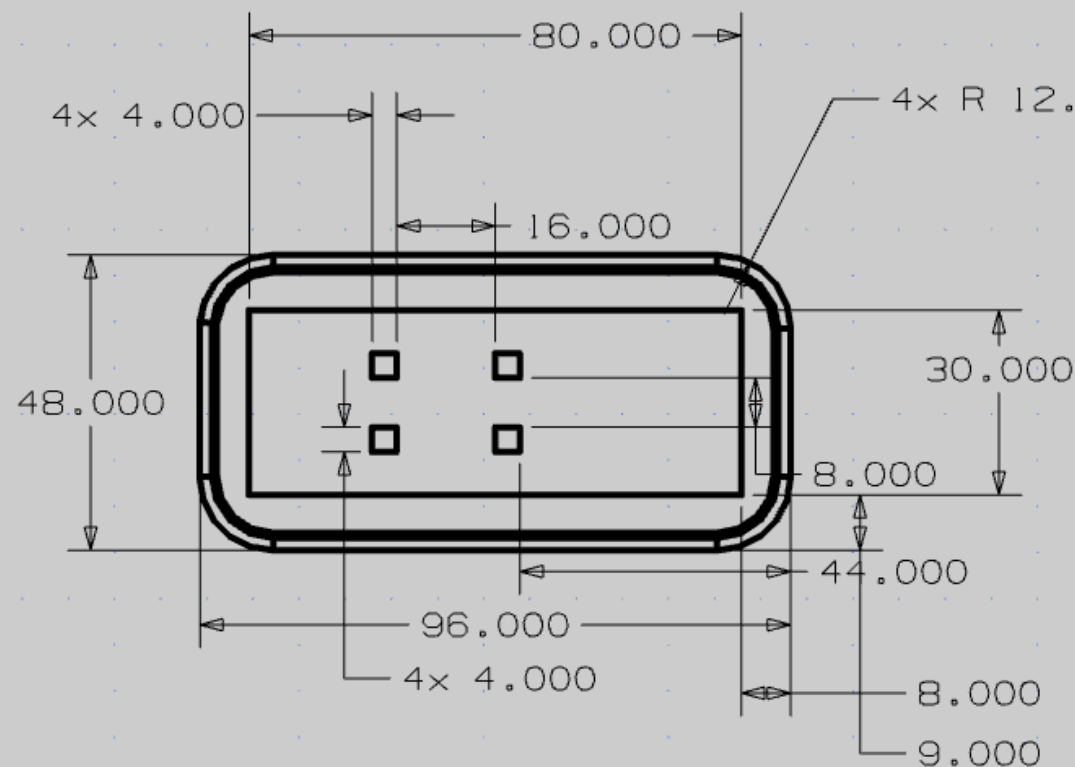
Note:
See first page for
individual part
names.



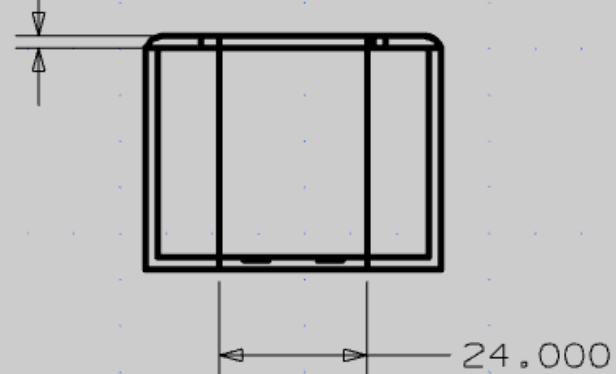
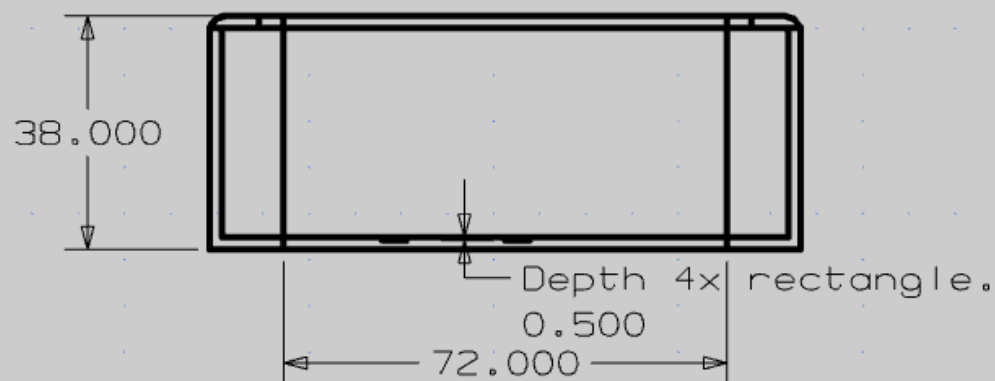
Michigan Technological University	Title: Bed Assembly Section		Units: Inches
Engineer: Mohamed Salem	Team: E-13	Date: 11/5/2020	Sheet: 2/3



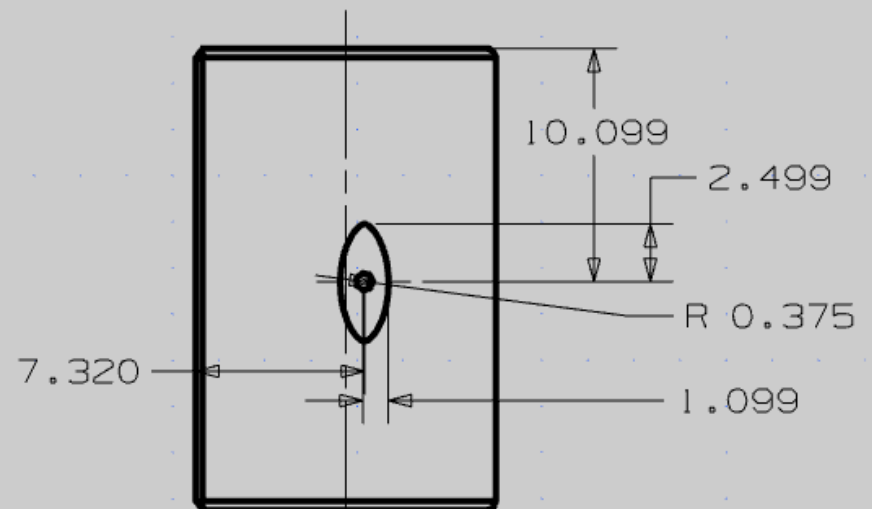
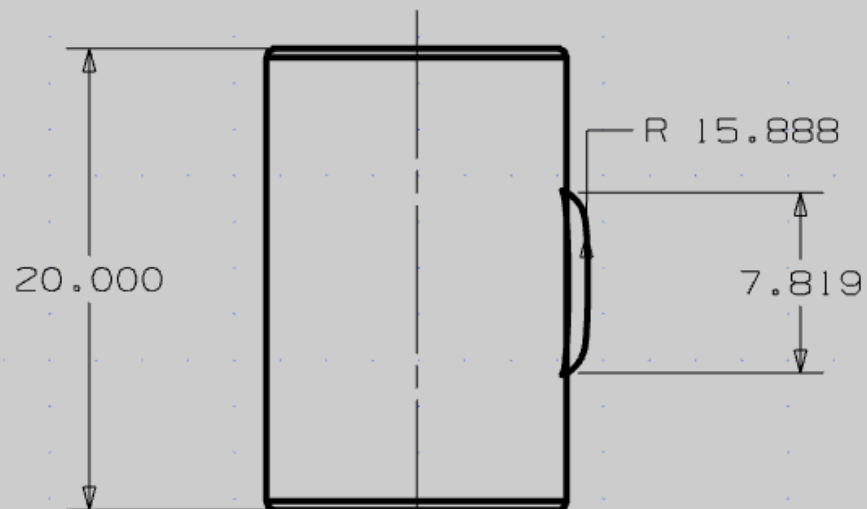
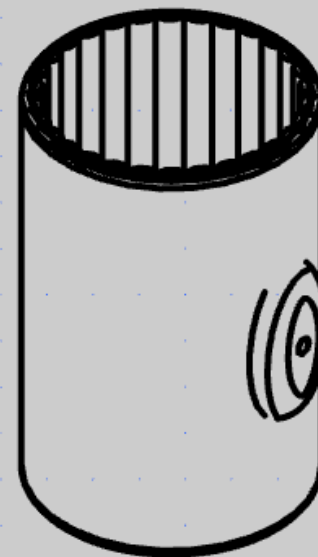
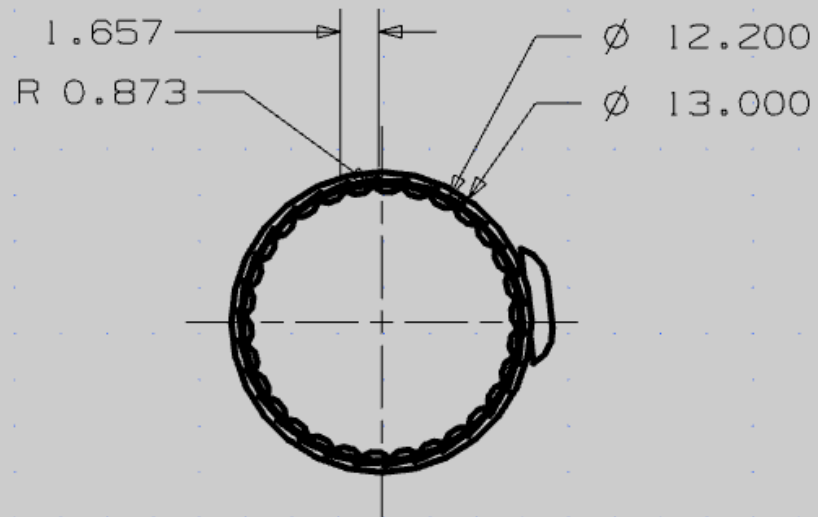
Michigan Technological University	Title: Bed Assembly		Units: Inches
Engineer: Mohamed Salem	Team: E-13	Date: 11/5/2020	Sheet: 1



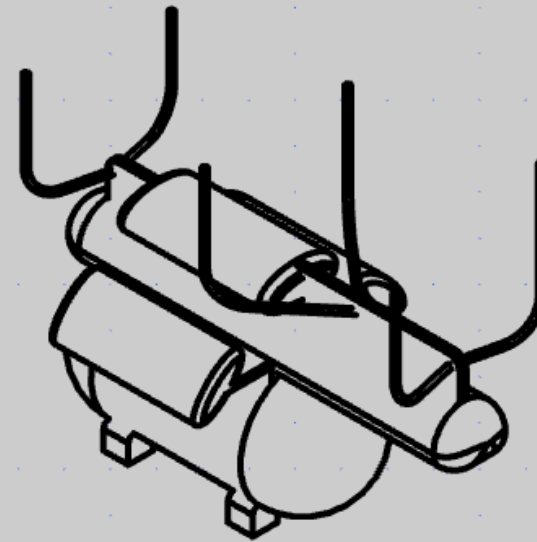
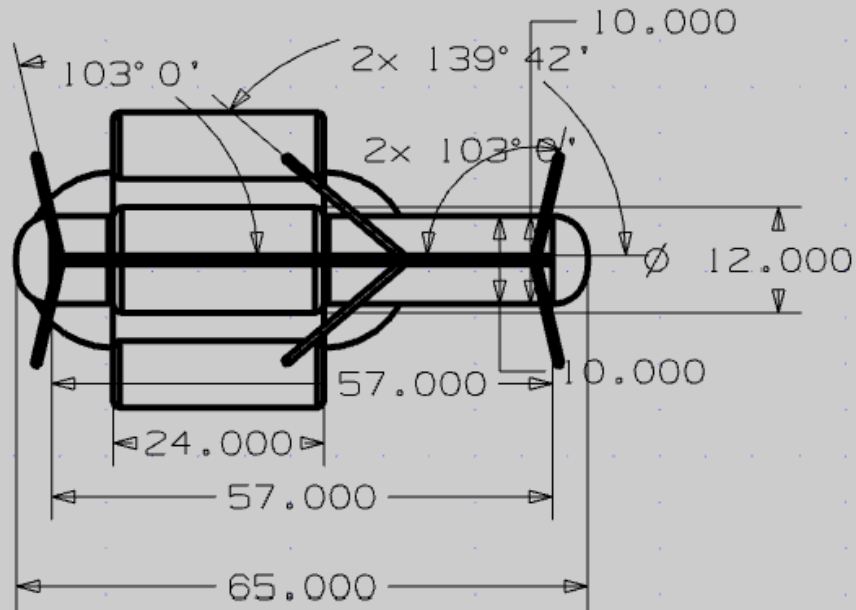
Edge Blend =
2.000 Inches
on all outer borders of top.



Inner Triangle with fillet
Pattern Geometry 30x

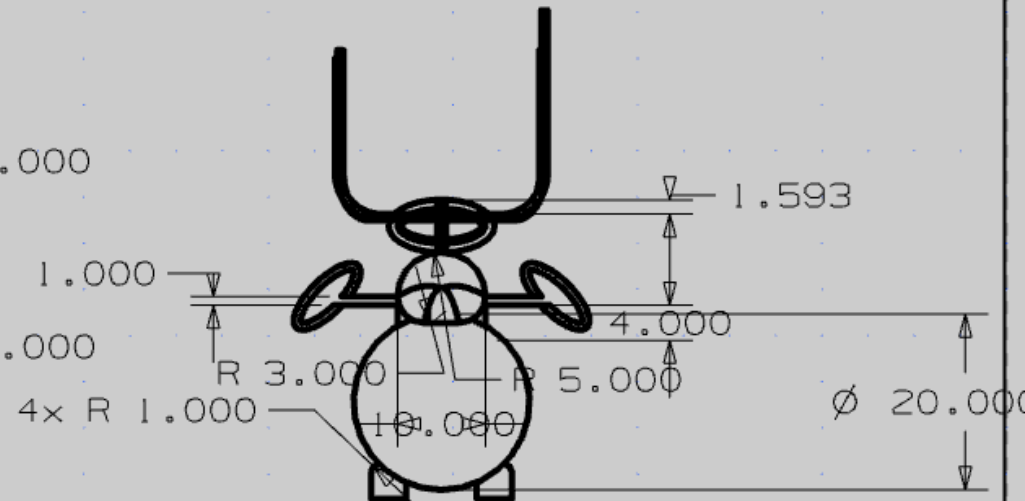
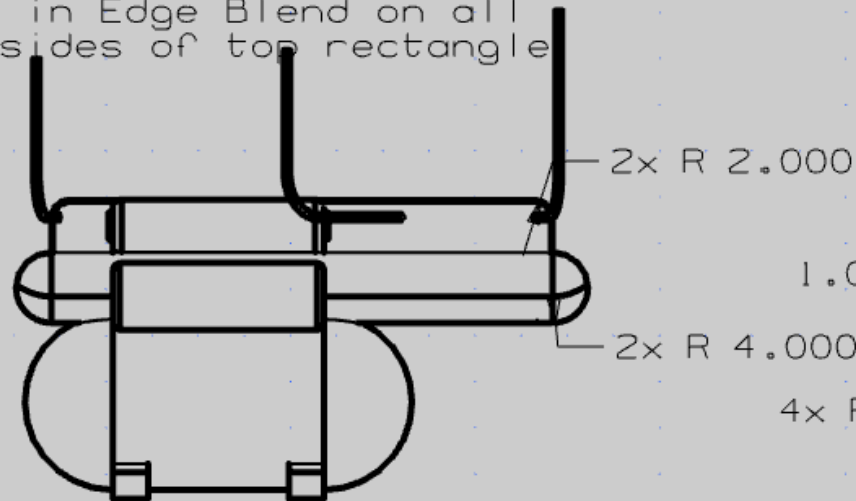


6x Tubes extruding from pump
 Outer Radius = 0.75 In
 Inner Radius = 0.25 In



Ellipse 2x, 45 degree angle
 5In Long 3 In Short

1 in Edge Blend on all
 sides of top rectangle



Michigan Technological University	Title: Air Pump		Units: Inches
Engineer: Mohamed Salem	Team: E-13	Date: 11/5/2020	Sheet: 1:21