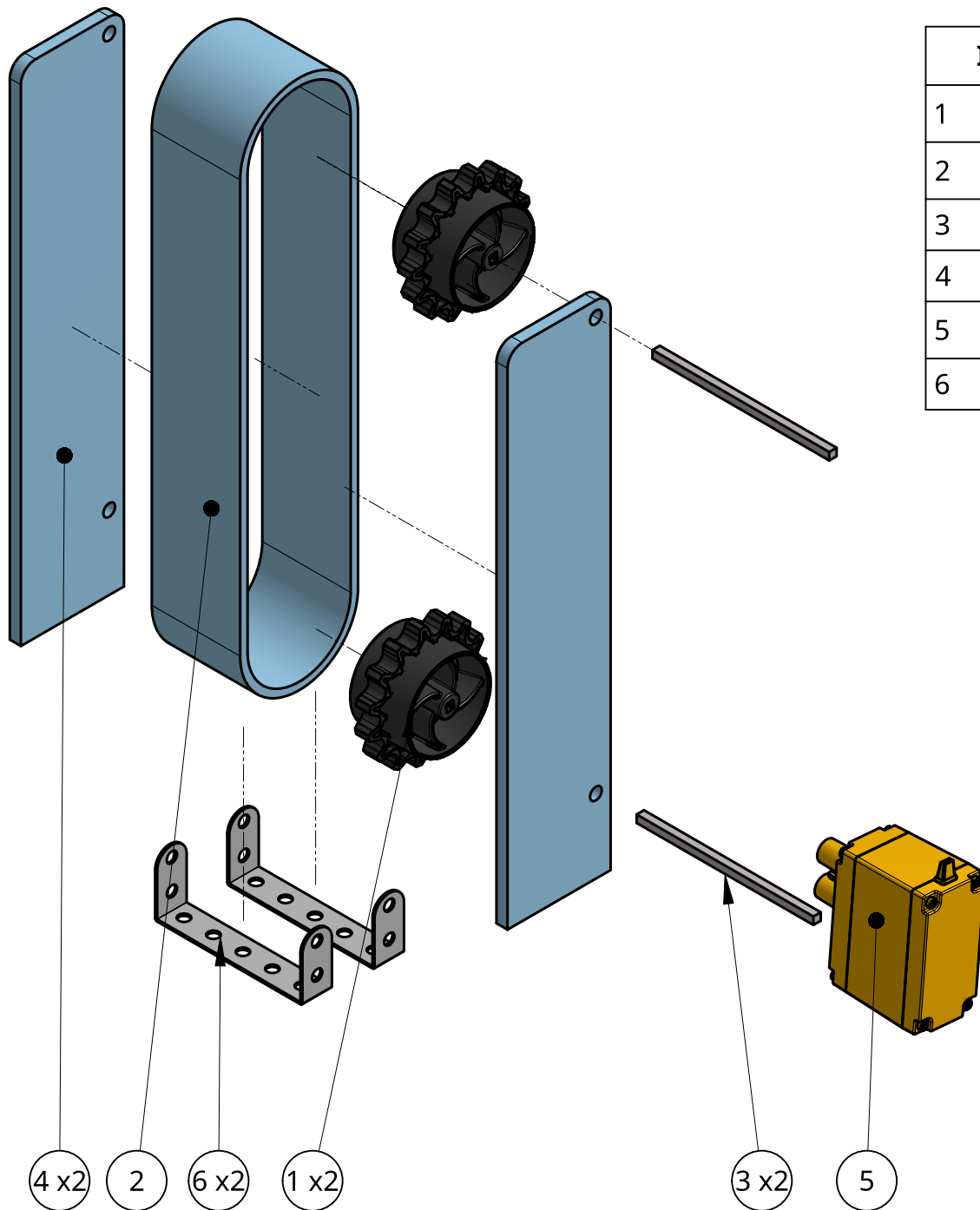
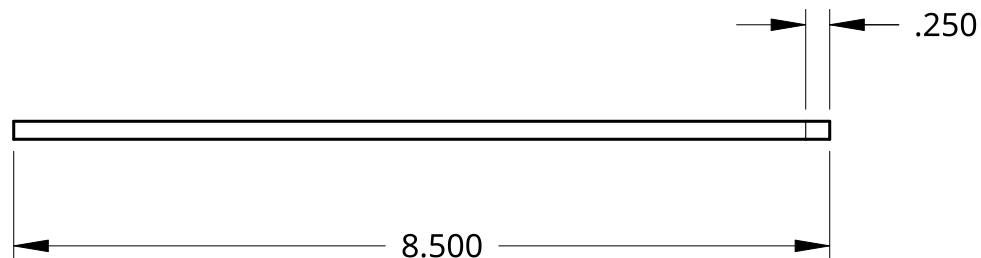
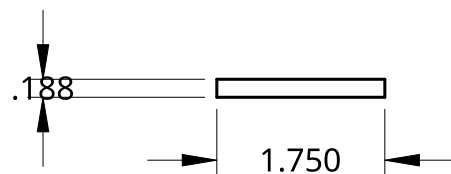
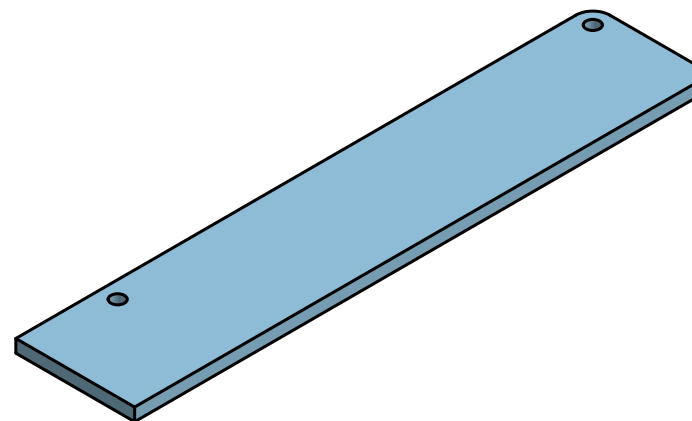
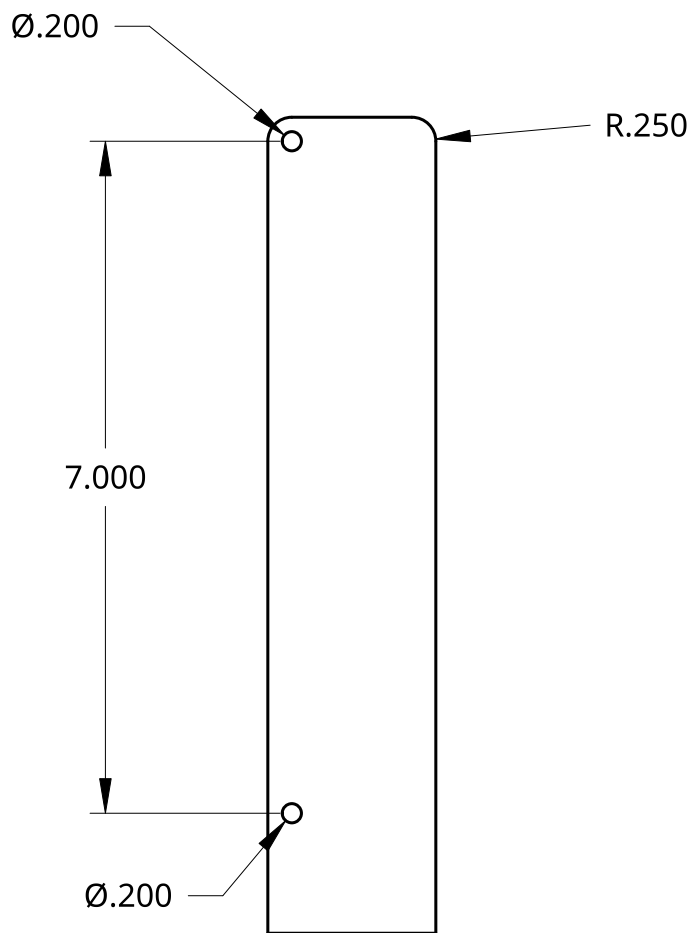


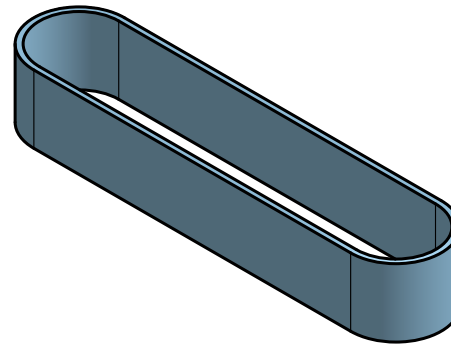
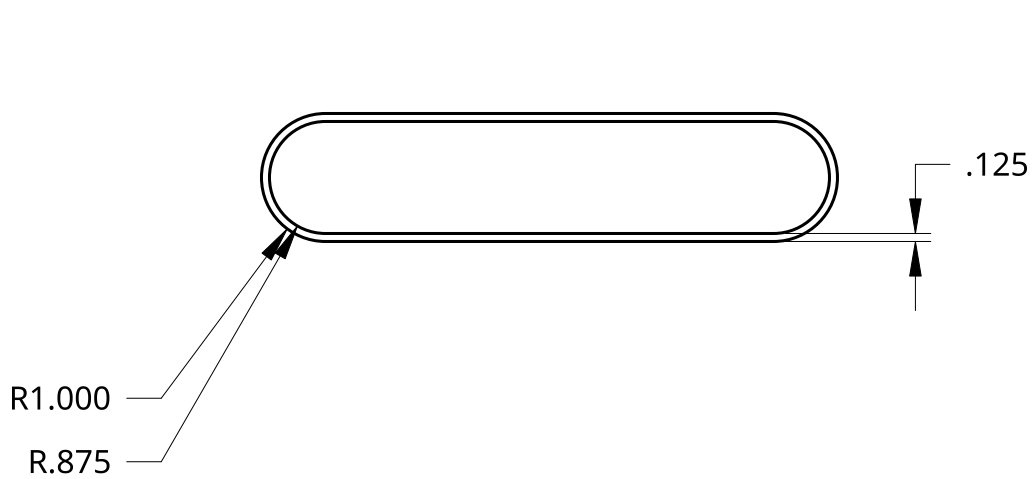
The Ohio State University First Year Engineering	Dwg. Title: Full Assembly Drawing 1	Scale: 1:4
	Drawn By: Austin Toczynski	Units: IPS



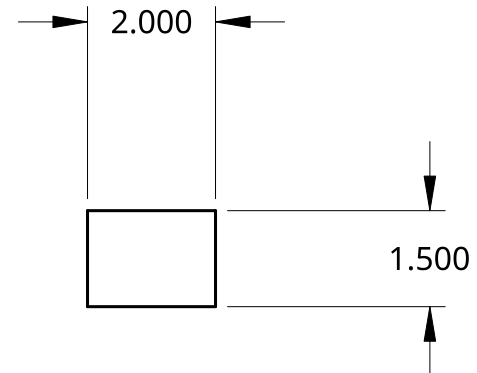
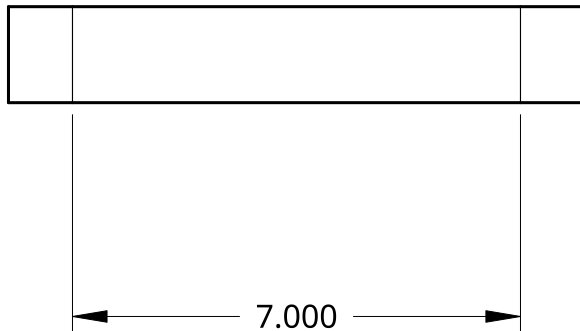
Item	Name	Quantity	Description
1	Tread Gears	2	Cost - \$30 kit
2	Treads	1	Cost - \$30 kit
3	Axles	2	Cost - \$1 per
4	Supports	2	Cost - \$2.91 per
5	VEX_Motor	1	Cost - \$15
6	Erectors Pieces	2	Cost - \$1.04 per

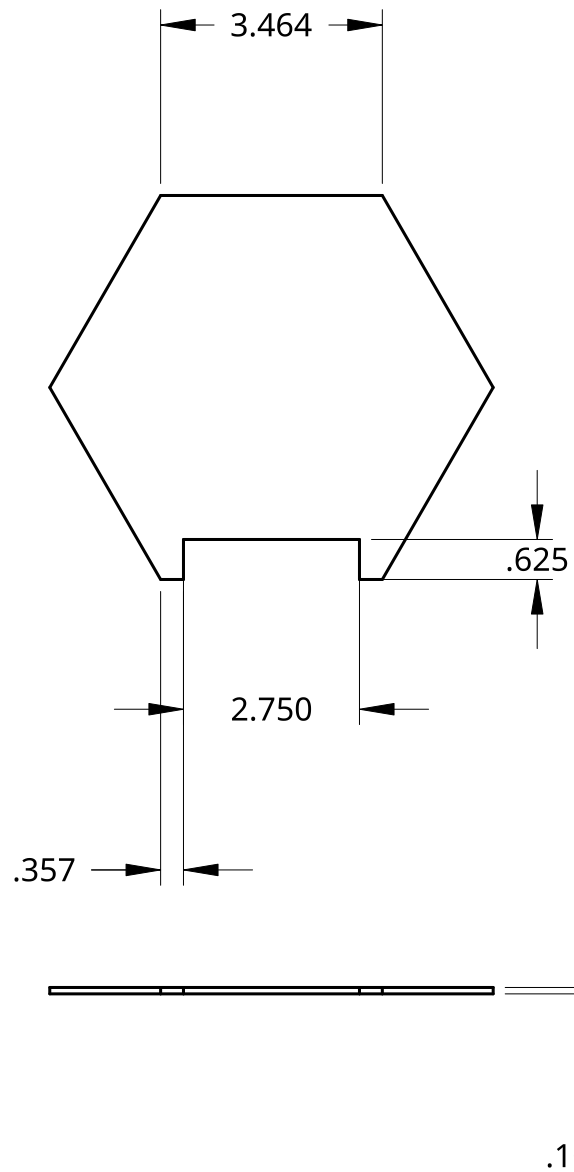
The Ohio State University First Year Engineering	Dwg. Title: Main Mechanism Exploded view	Scale: 1:2
	Drawn By: Reagan Massey	Units: IPS





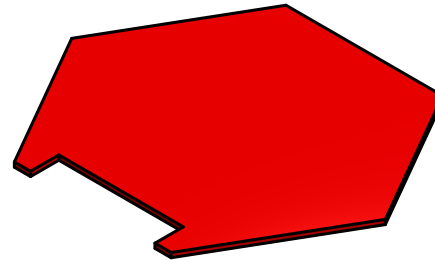
The piece is symmetrical  
from left to right and top  
to bottom

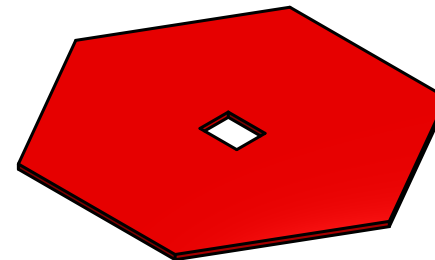
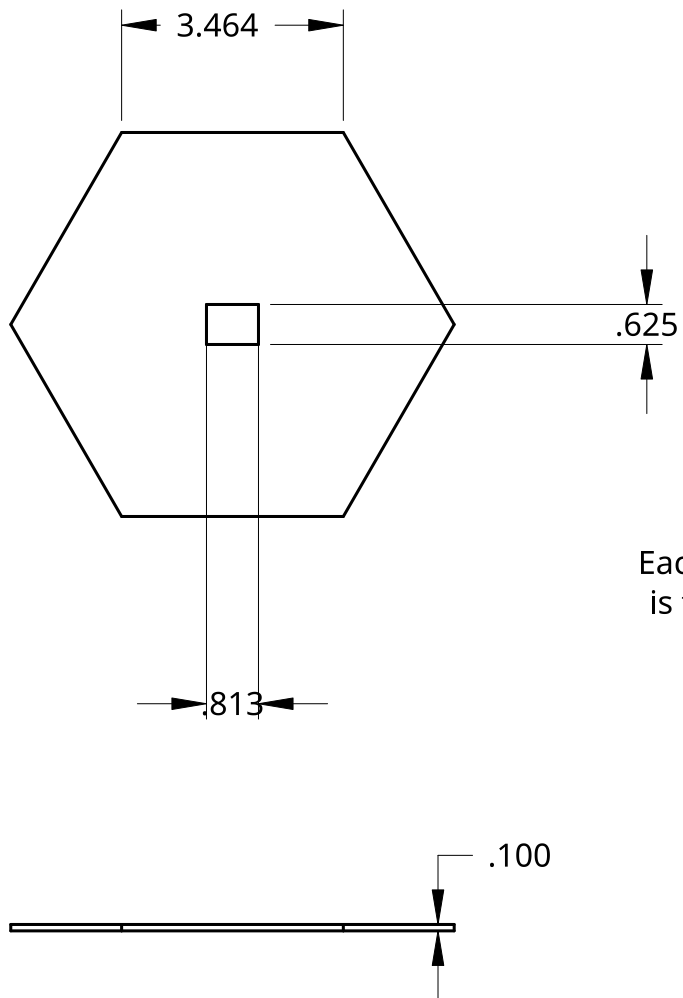




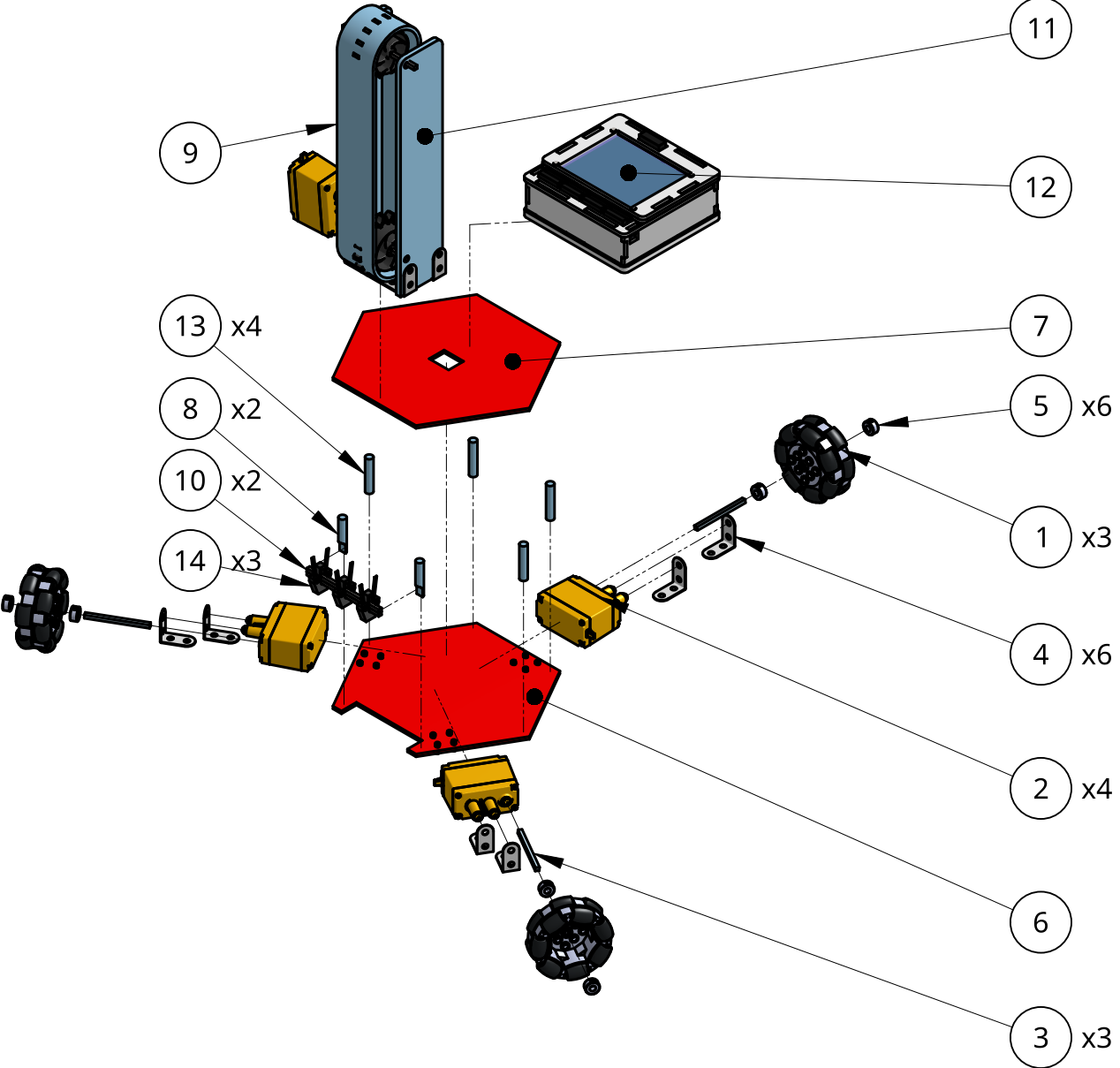
symmetrical from  
left to right

Create hexagon  
using a circle with a  
diameter of 6  
inches





Each side of the hexagon  
is the same as the one on the top



Item	Name	Quantity
1	Omni Directional Wheels	3
2	VEX_Motor	4
3	2_INCH_AXLE	3
4	Angle_Bracket	6
5	Shaft Collars	6
6	Base Plate	1
7	Top Base	1
8	Carved Dowel Rod	2
9	Treads	1
10	Axles	4
11	Supports	2
12	Processor Board	1
13	Dowel Rod	4
14	Optosensor	3