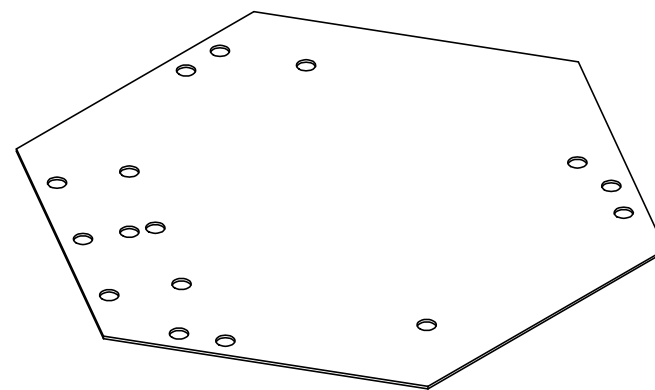
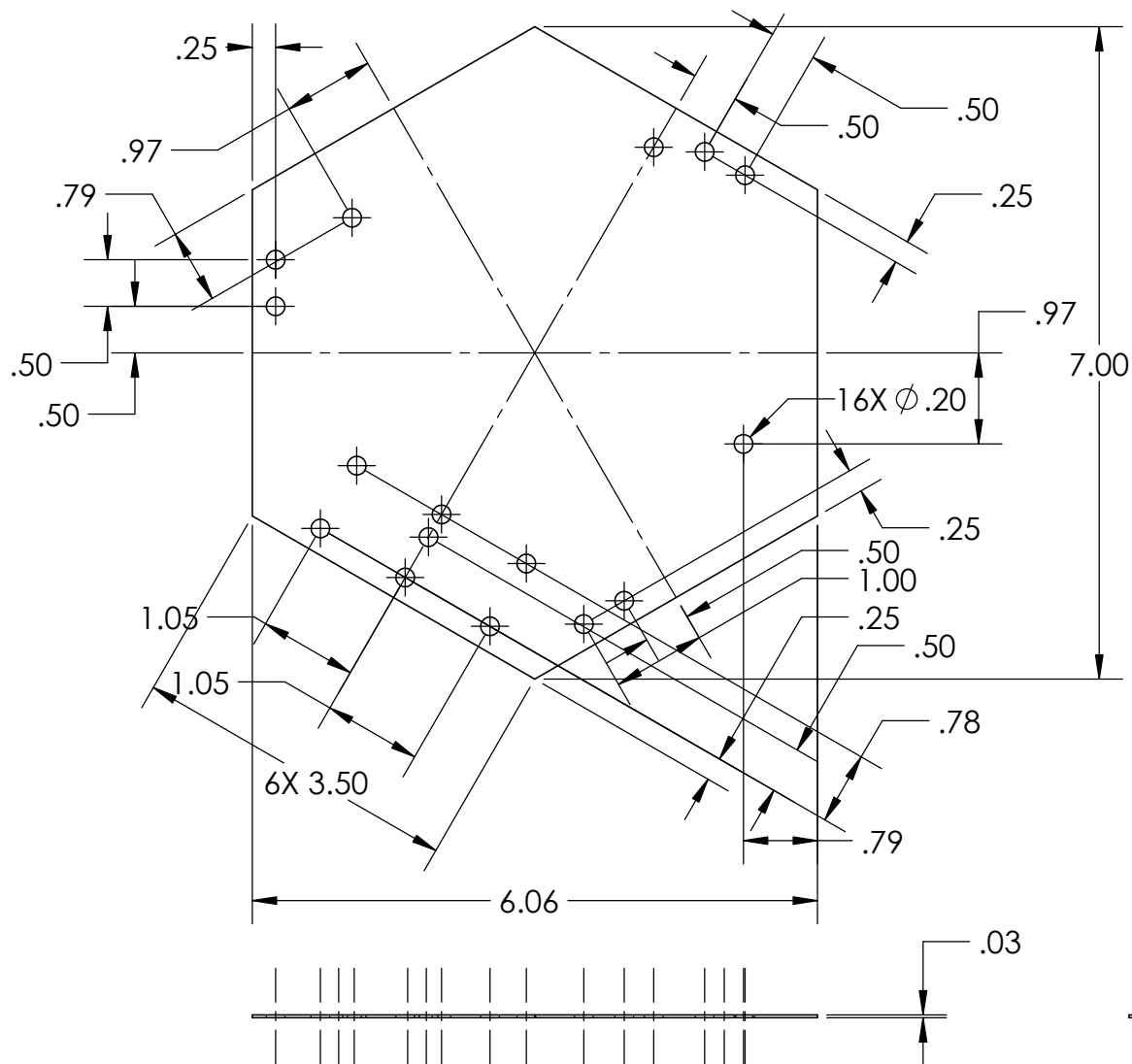
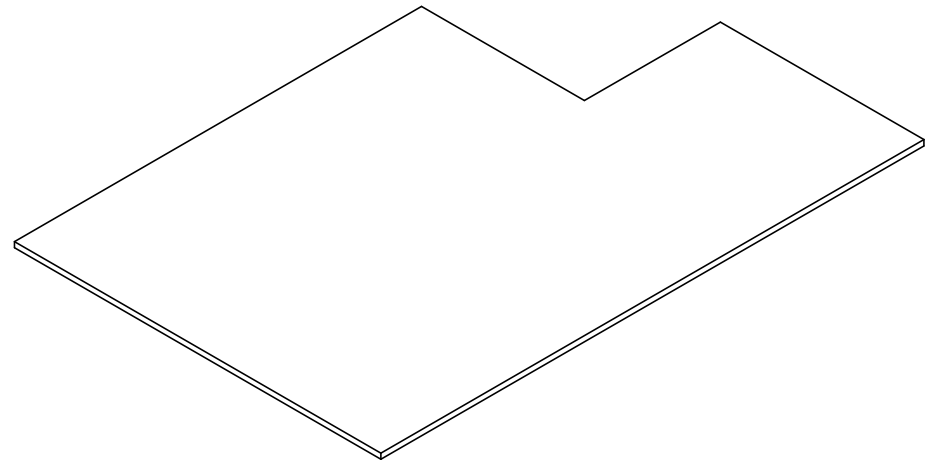
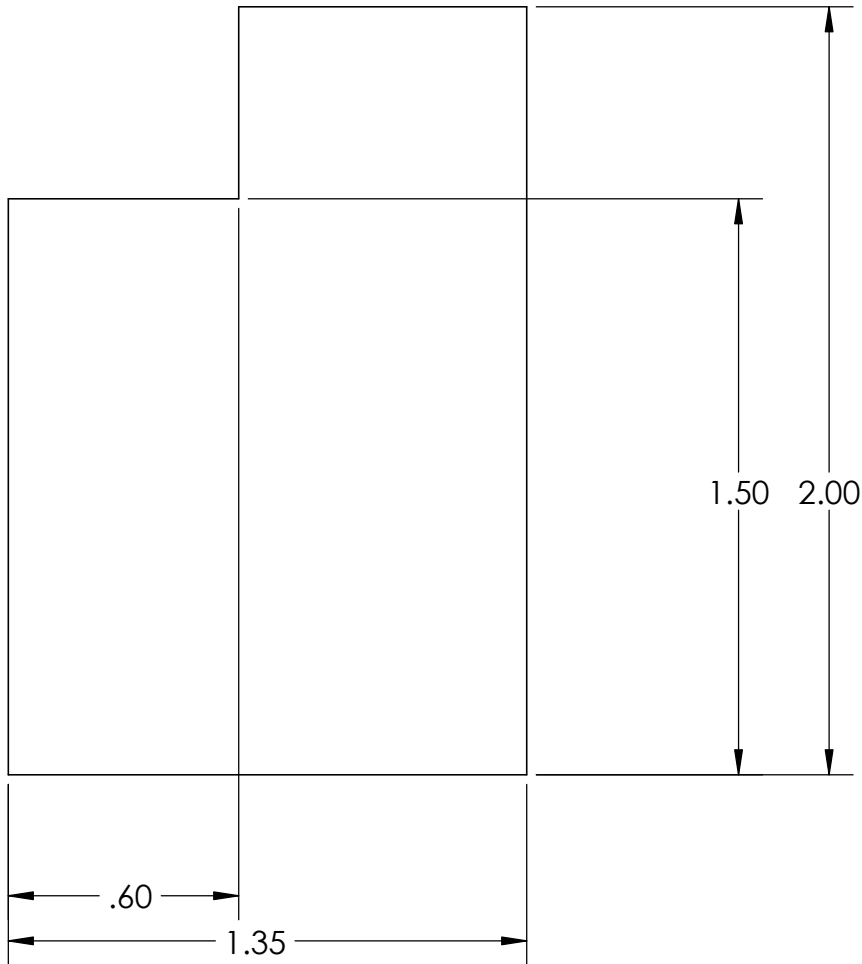
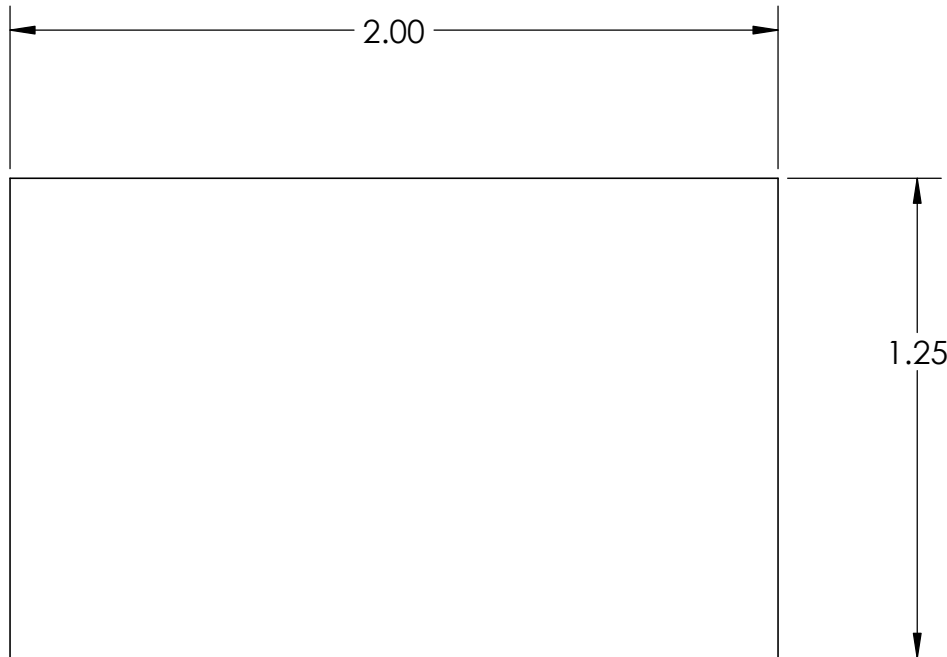
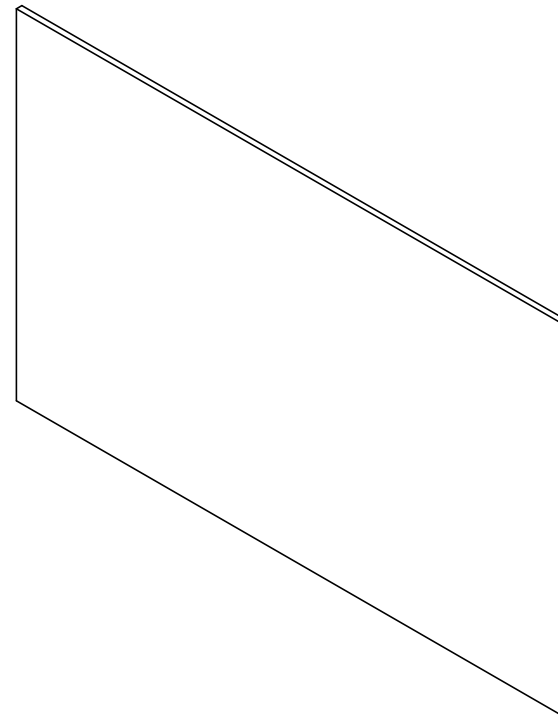


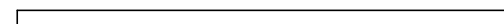
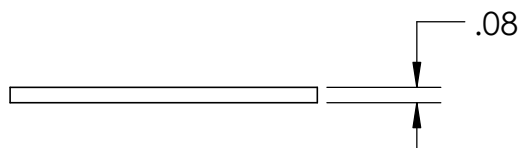
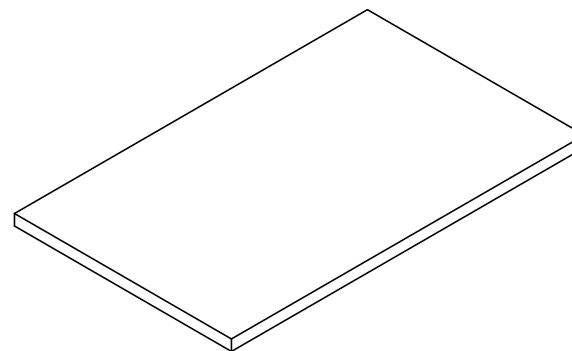
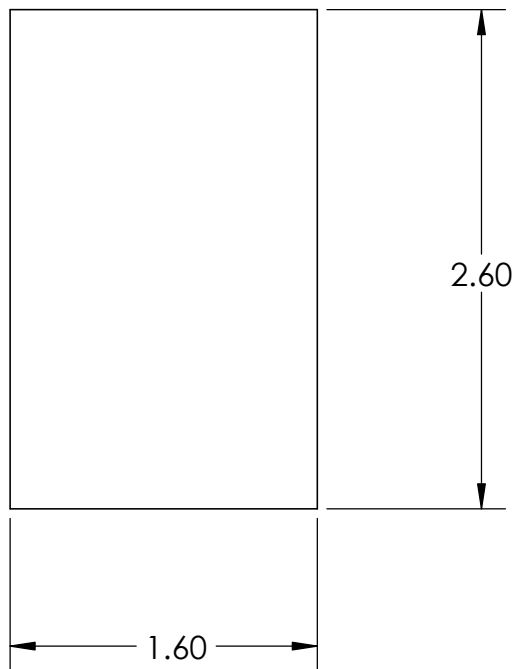
Part is symmetric about planes A-A and B-B.

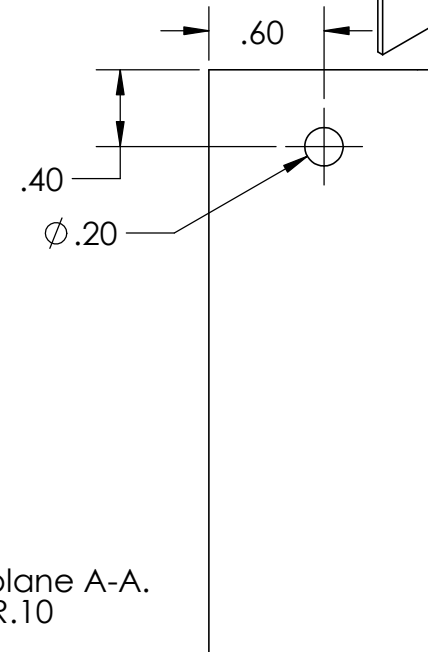
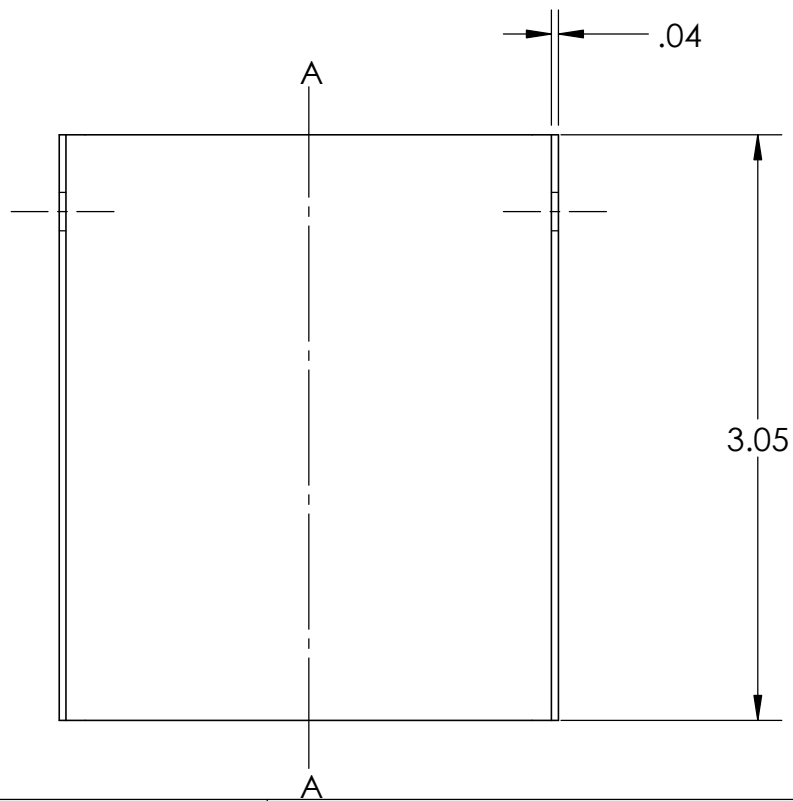
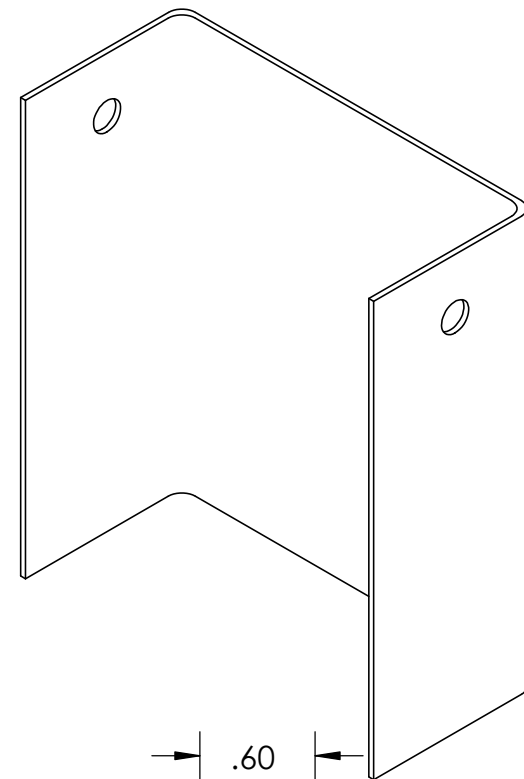
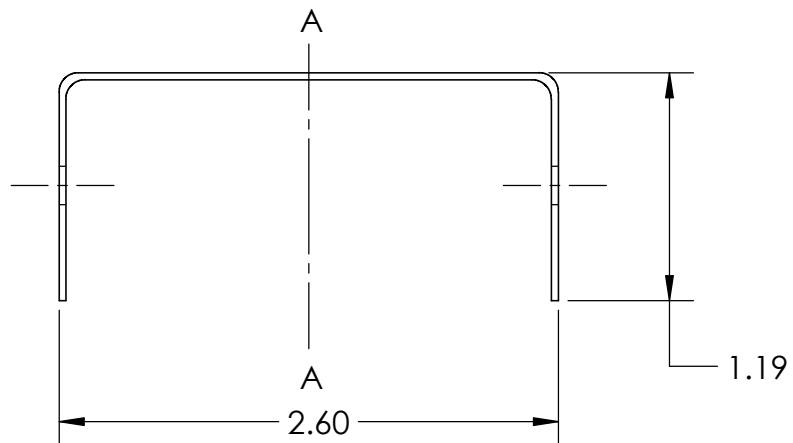


All measurements are relative to the sides of the hexagon and the centerlines between sides.
 All sides of the hexagon are the same length.
 Part is made from 20 gauge aluminum sheet.

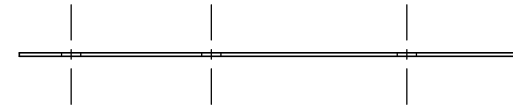
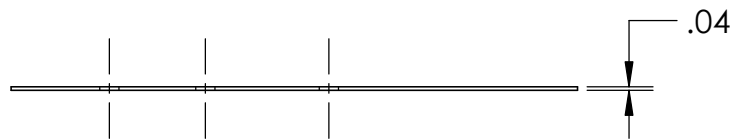
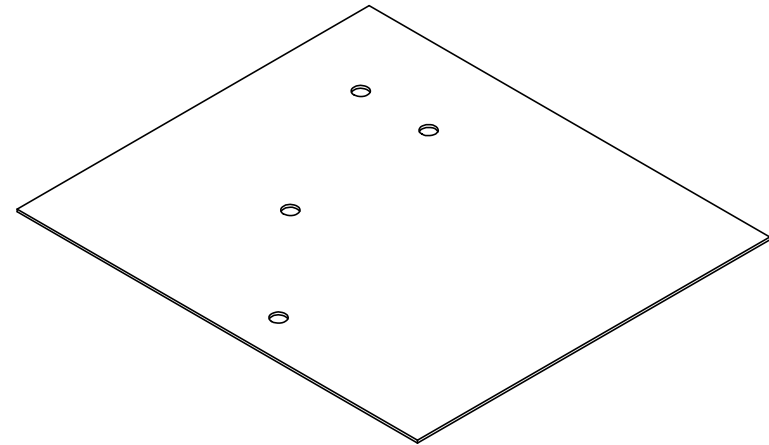
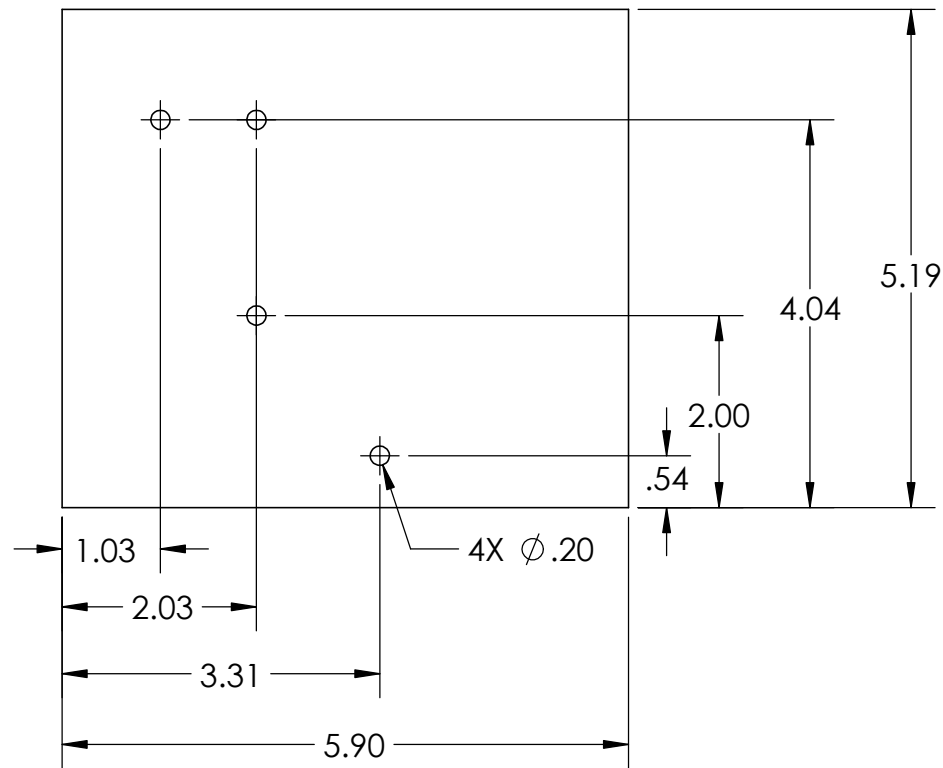


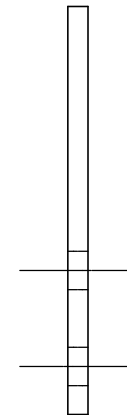
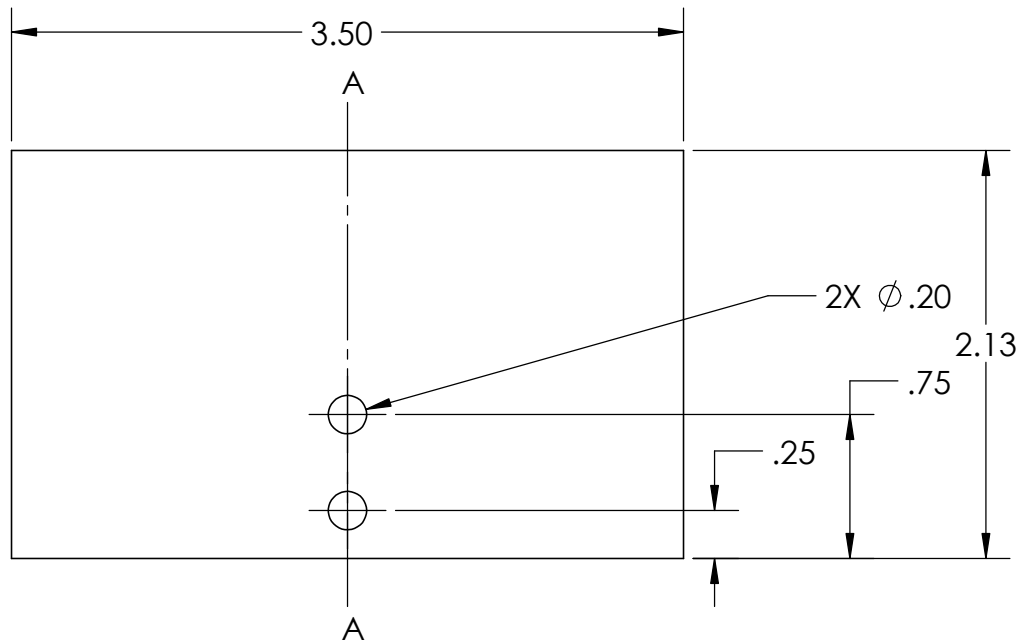
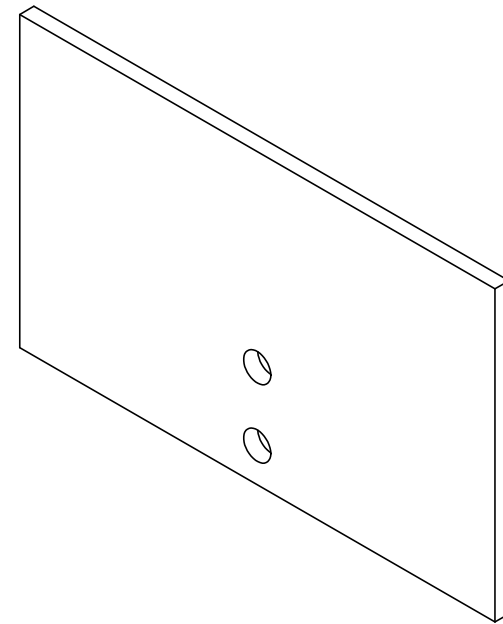
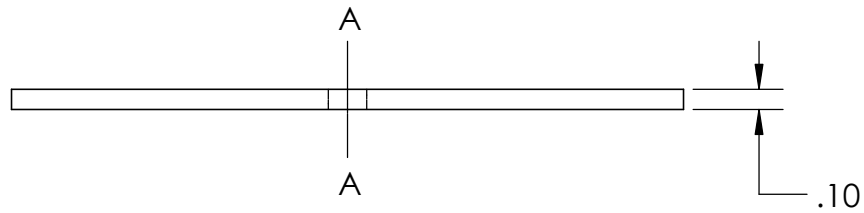




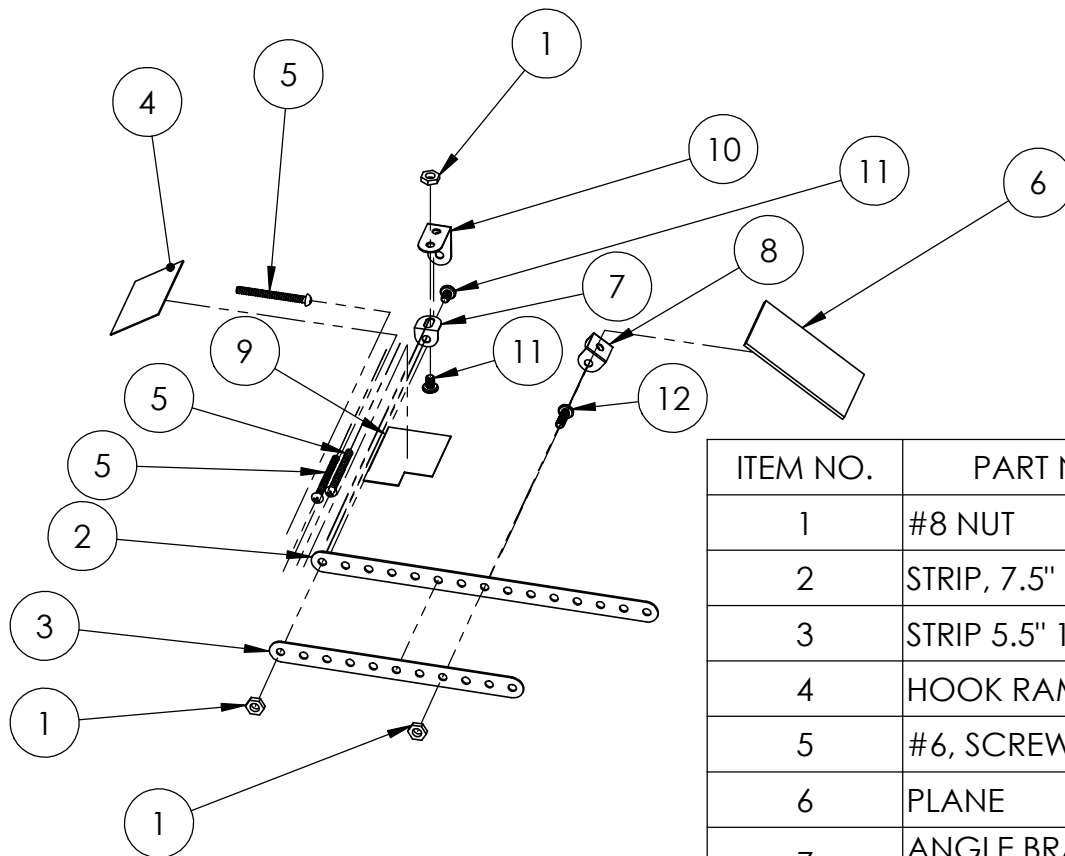


Part is symmetric about plane A-A.
All fillets and rounds are R.10

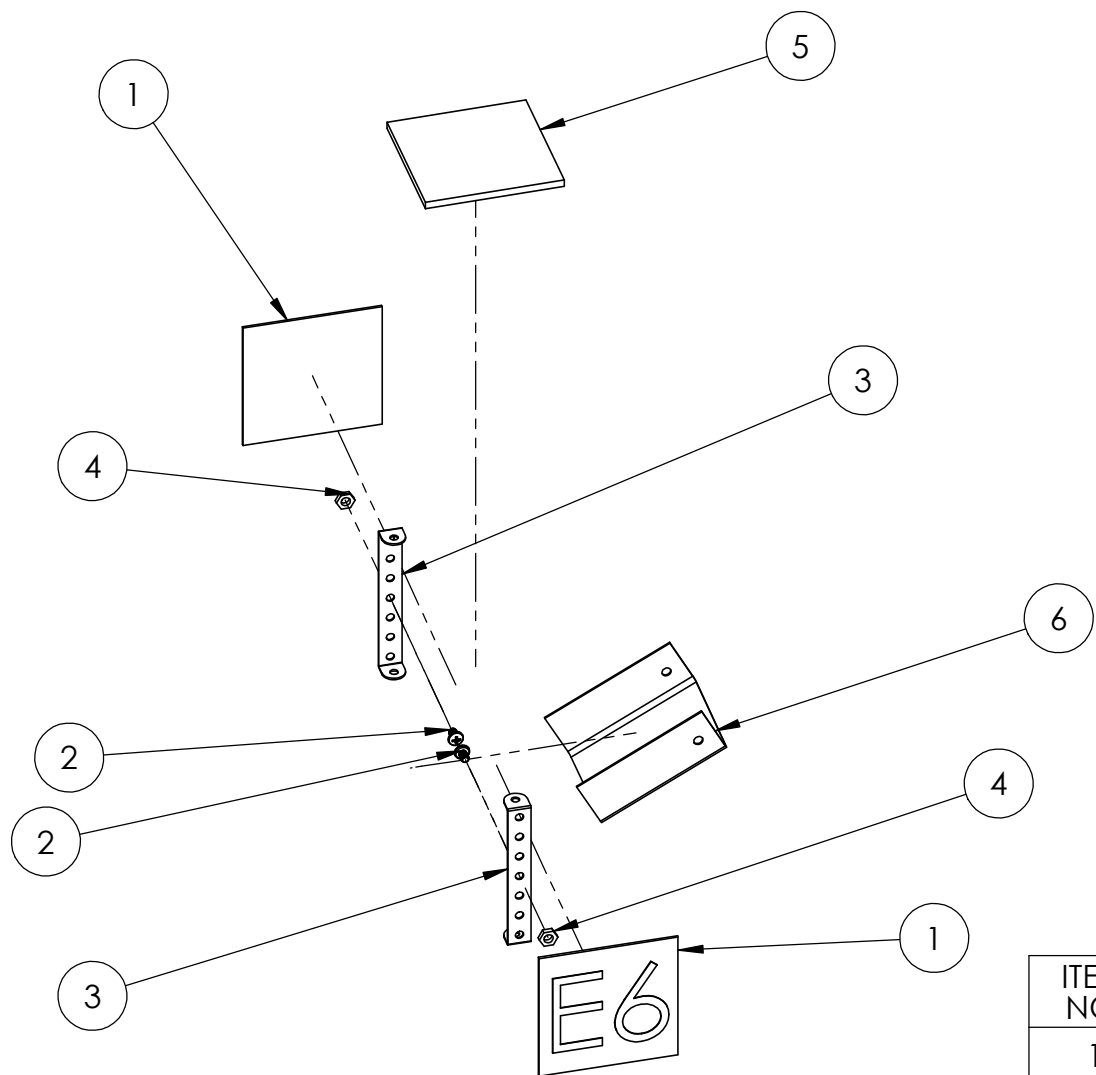




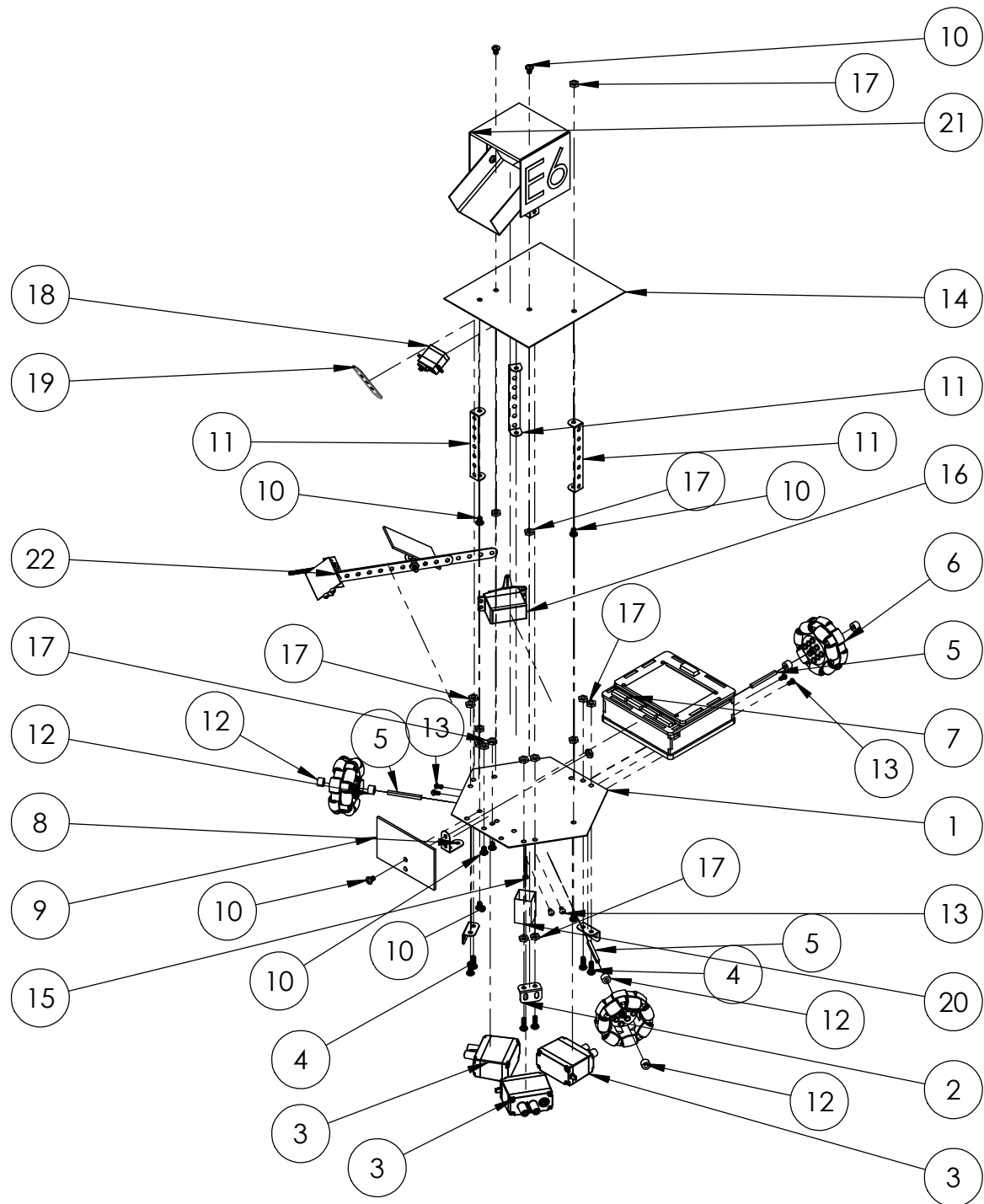
Part is symmetric about plane A-A.

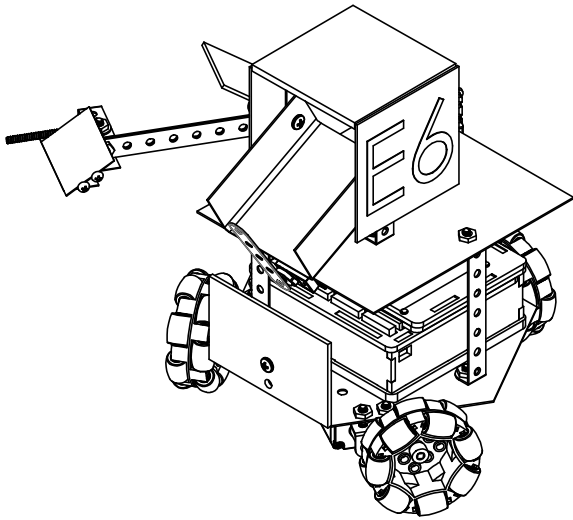


ITEM NO.	PART NUMBER	MATERIAL	QTY.
1	#8 NUT		3
2	STRIP, 7.5" 15 HOLE		1
3	STRIP 5.5" 11 HOLE		1
4	HOOK RAMP	CARDBOARD	1
5	#6, SCREW 1.5"		3
6	PLANE	ALUMINUM	1
7	ANGLE BRACKET, .5x.5" 1x1 HOLE		1
8	DOUBLE BRACKET, .5x.5" 1x1x1 HOLE		1
9	HOOK BASE	CARDBOARD	1
10	ANGLE BRACKET, 1x1" 2x2 HOLE		1
11	#8 SCREW, 0.25"		2
12	#8 SCREW, .5"		1



ITEM NO.	PART NUMBER	MATERIAL	QTY.
1	POST-IT NOTE	PAPER	2
2	#8 SCREW, 0.25"		2
3	DOUBLE ANGLE STRIP, 3.5"x.5" 1x7x1 HOLE		2
4	#8 NUT		2
5	QR MOUNT		1
6	RAMP	ALUMINUM	1





ITEM NO.	PART NUMBER	MATERIAL	QTY.
1	OMNI-HEX-BASE	ALUMINUM	1
2	ANGLE GIRDER, 1" 2 HOLE		3
3	VEX MOTOR		3
4	#8 SCREW, .5"		6
5	VEX AXLE ROD, 1.5"		3
6	OMNI WHEEL		3
7	PROTEUS		1
8	ANGLE BRACKET, 1x1" 2x2 HOLE		1
9	SIDEWALL	ALUMINUM	1
10	#8 SCREW, 0.25"		9

ITEM NO.	PART NUMBER	MATERIAL	QTY.
11	DOUBLE ANGLE STRIP, 3.5"x.5" 1x7x1 HOLE		3
12	SMALL PLASTIC SPACER		6
13	#6 SCREW, .25"		6
14	UPPER BASE	ALUMINUM	1
15	CDS CELL		1
16	FUTABA SERVO MOTOR		1
17	#8 NUT		17
18	MICRO SERVO MOTOR		1
19	STRIP, 2.5" 5 HOLE		1
20	CDS COVER	CARDBOARD	1
21	TOP RAMP		1
22	ROBOT ARM		1