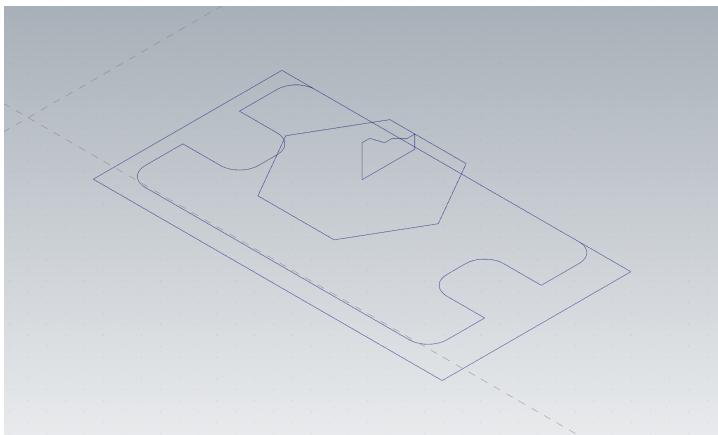
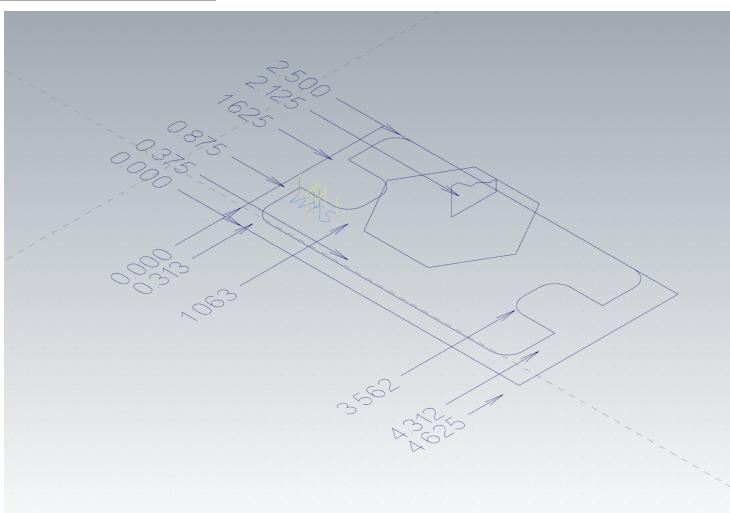


CCET 3680
Mill Lesson 14 First Exercise

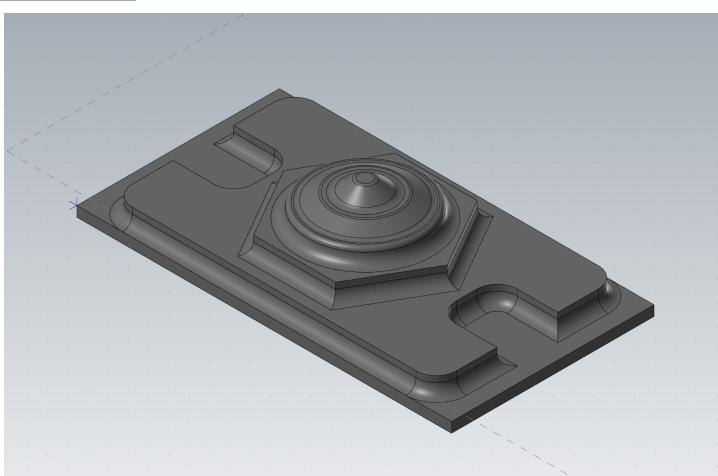
I. Wireframe:



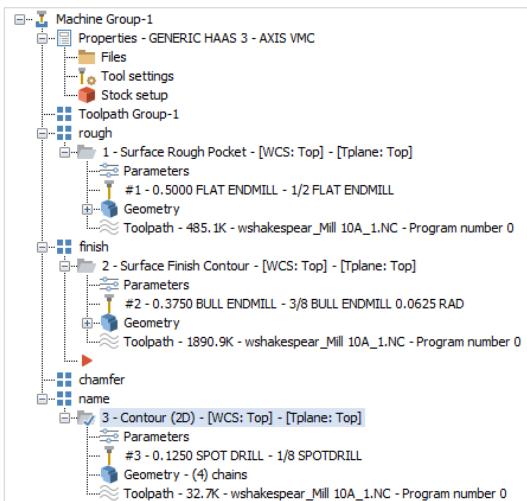
II. Dimensions:



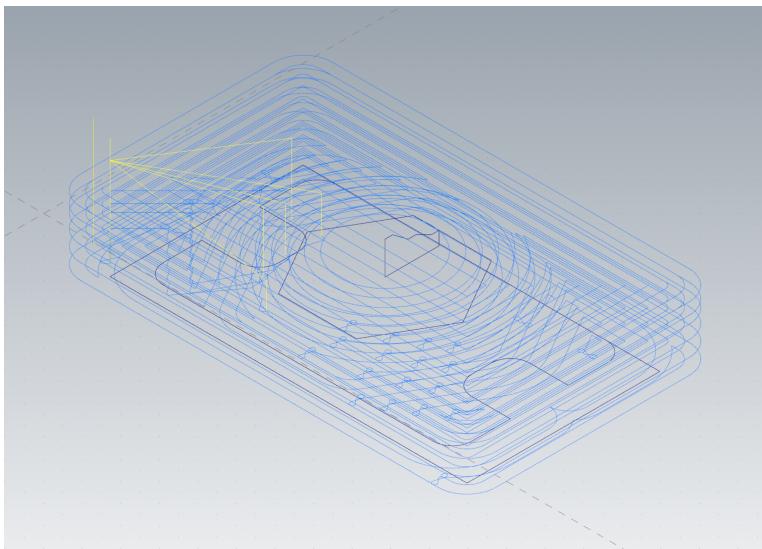
III. Solid:

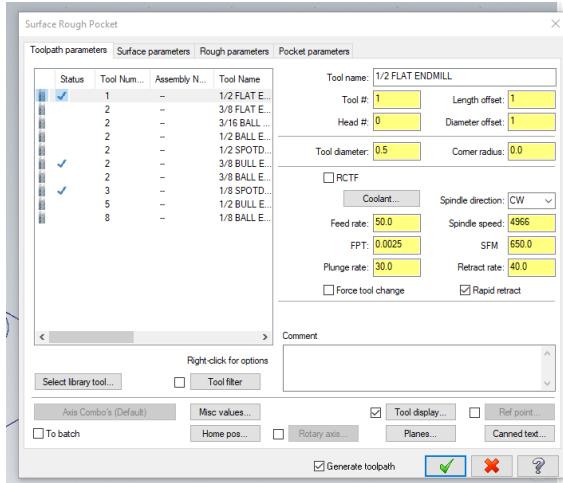


IV. Toolpaths:

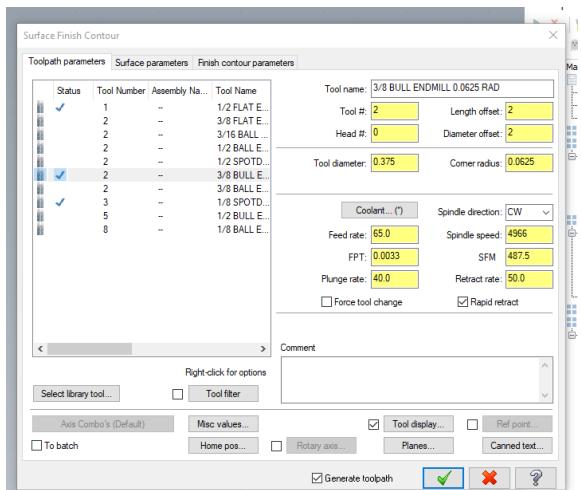
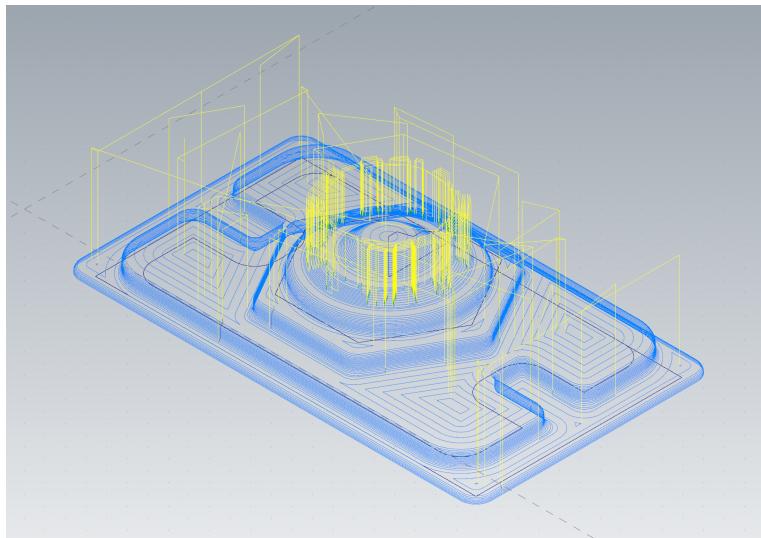


V. ½" Endmill:

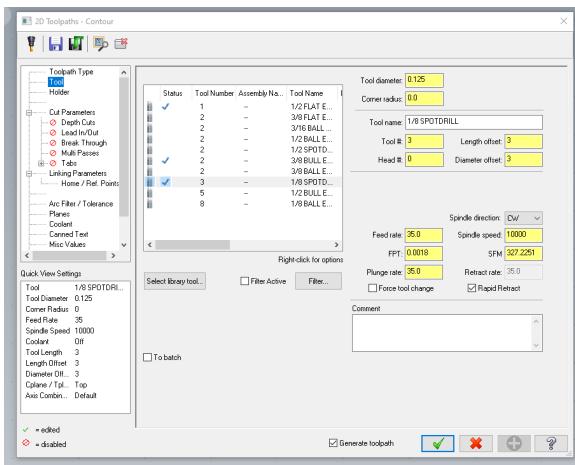
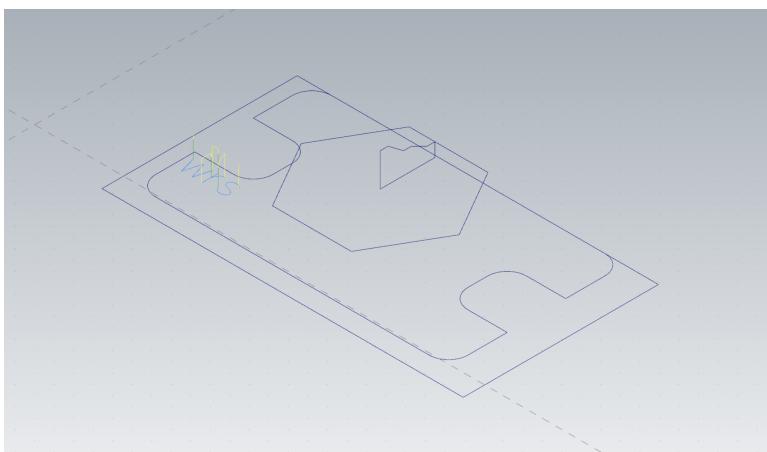




VI. $\frac{3}{8}$ " Bull Endmill (0.0625" corner):



VII. $\frac{1}{8}$ " Spot Drill:



VIII. Method:

For this lesson I did the same steps as in the tutorial for this module. This one wasn't that much different and ended up being a little easier to draw.

IX. GCode Changes

To modify my gcode to be compatible with the machine I first made sure the HAAS 3 axis post processor was selected when exporting the gcode. Then I removed the long lines at the beginning and edited the last G28 home command to not zero the x axis.

X. Finished Part

Report by Weston Shakespear
Spring 2023

