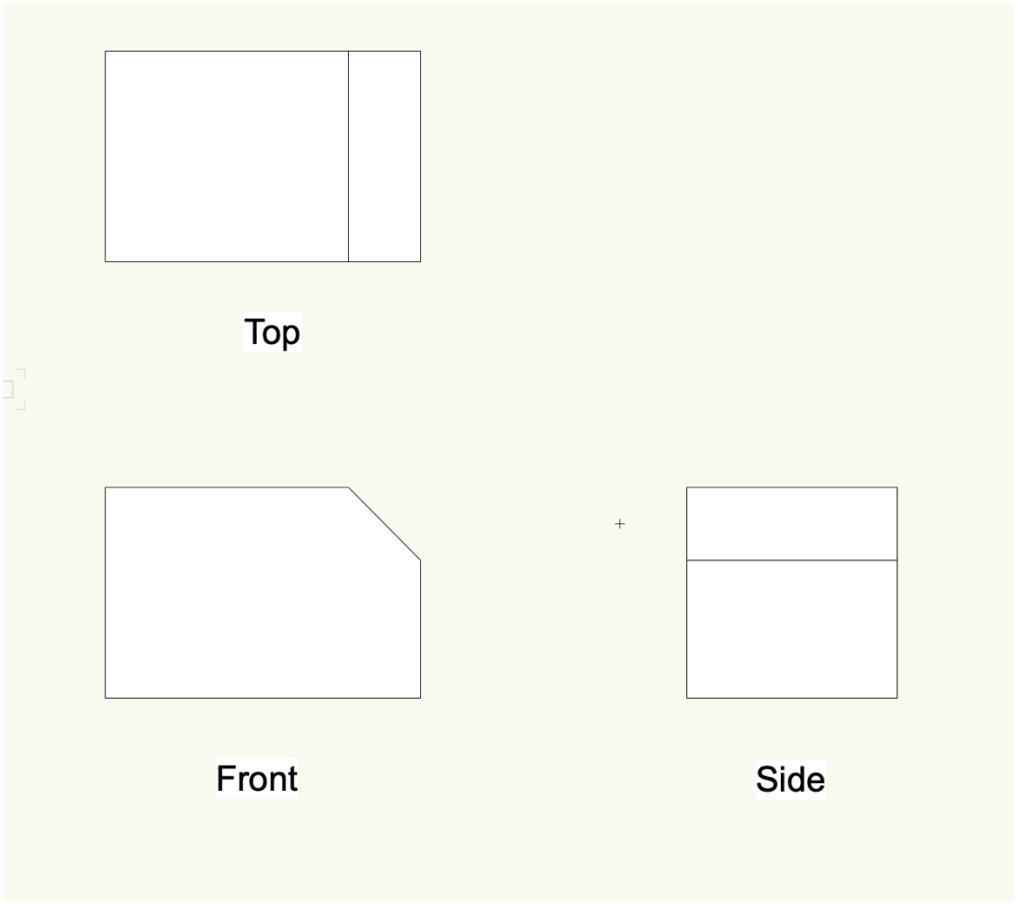
TPA 1340 / TPA 2341 Drafting I & II

Widget Project (part 1)

In this project you'll be given a 3-D printed part. You will use your scale rule to draw a top view otherwise known as plan view, a side view, and a front view also referred to as elevations. The widget provided has been scaled, you will need to use your scale rule to measure the length of the edges in quarter inch scale. You will need to label each View with text indicating what side it is. An example is below:



Please include a title block with this project.

Show title: Class assignment
Drawing title: Widget Project
Producing organization: Florida State College at Jacksonville
Director: (feel free to get creative)
Designer: Your name

Technical Director: Brandon Lettow
Drafter: Your name
Date:
Scale: 1/4” = 1”

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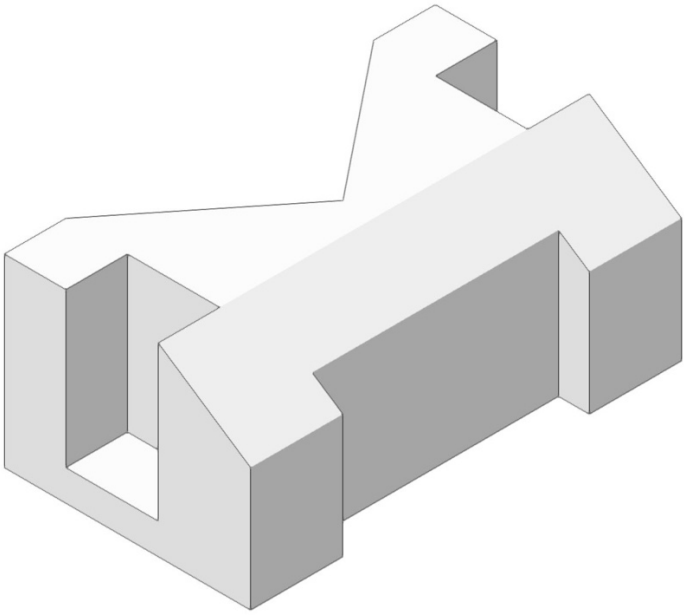
Widget Project (part 2)

This is an extension of the Widget project you've been working on. Up to this point you have been working in 2 dimensions. Now you will construct the Widget as a 3D solid, using extrusion and add/subtract solids. Then using views you will select an isometric view that showcases the most detail.

On a second sheet of your project arrange an isometric view of your 3D widget as well as a section view of your choice. Also include the title block.



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*** Please update your drawing number so part one is on page 1 and part 2 is on page 2