

Create a blueprint

The challenge: Create a 3rd Angle Projection detailed drawing with all needed views and dimensions for a part to be 3D modeled.

Upload and open the supplied design **Complete Blueprint – Challenge.f3d** and create a new detailed drawing. The drawing must contain all needed views and dimensions that would be required for someone to recreate the 3D model. Use center marks to represent the center location of holes. Use hole notes or section views to detail hole requirements. Do not over-dimension the drawing. There should only be a single reference dimension for each feature. Consider part symmetry and how that might simplify a drawing.

Complete the required activities:

- Create a 3rd Angle Projection detailed drawing.
- Create all required views, dimensions and notes needed to recreate the part.
- Try to model the 3D part from your drawing only to verify all required information is included.

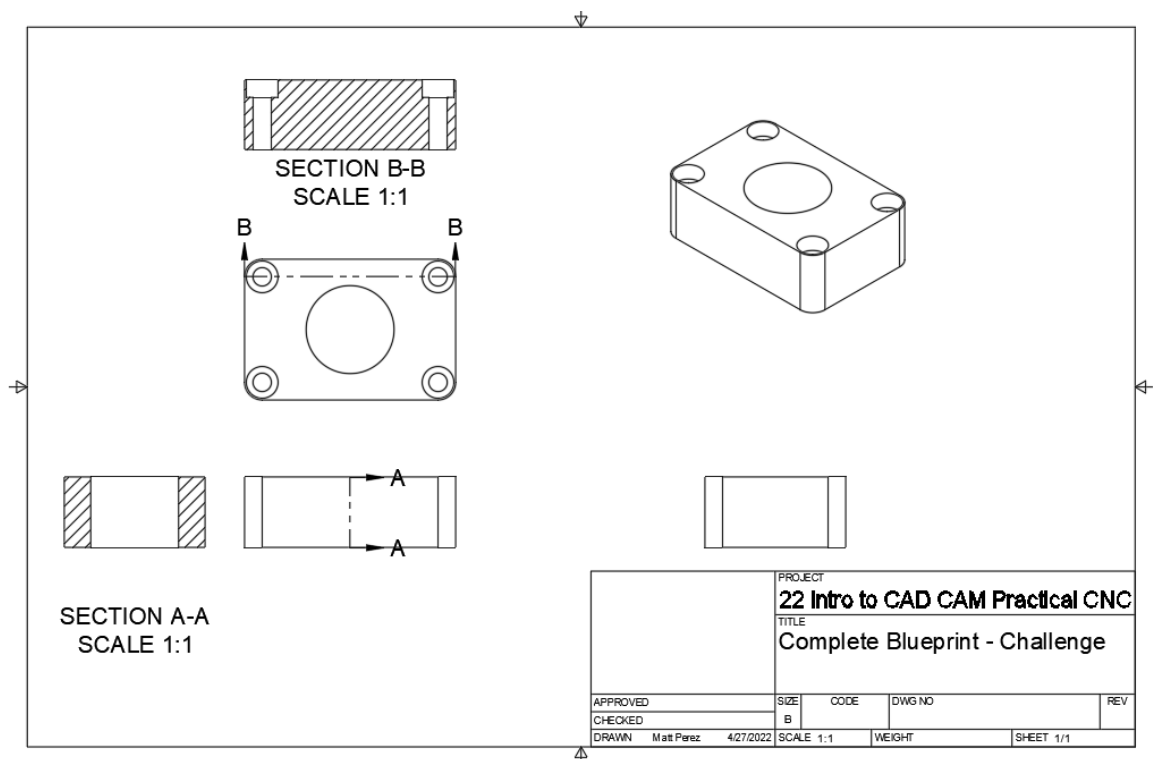


Figure 1. Detail Drawing Layout Idea.