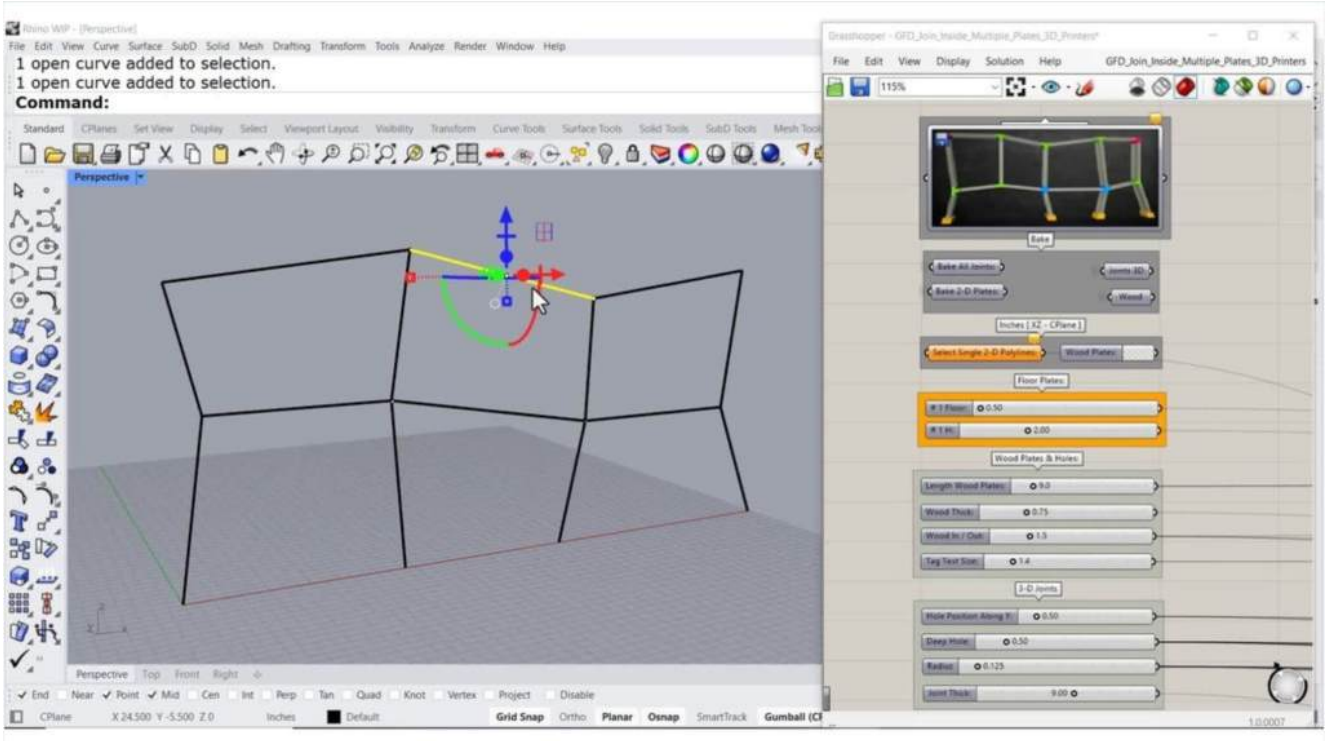
# The Melting Bookshelf

Using the parametric capabilities of Grasshopper, a parametric Definition was created, resulting in the efficient selection of individual lines within the XZ construction plane. Consequently, the establishment of 3D joints featuring dowel holes and straight connectors came to fruition.




This endeavor facilitated the generation of elaborate 2D technical drawings complete with dimensions of each part. Through the manipulation of control points along the connecting straight lines, the parametric definition seamlessly brought forth indispensable 3D geometry. This particular geometry played a pivotal role in the 3D printing of joints and the construction of the bookshelf.

Concurrently, the 2D technical drawings worked in tandem to ensure the precise assembly of the ultimate melted shelf product.

- 
- 
- 

- 
- 

Learn more about Miami’s RhinoFabStudio®.