



For this project, I wanted to focus my design on hierarchy, nesting, and symmetry. I found that this design draws the eye into the center of the structure through nesting and the decorative tertiary lines. For hierarchy, I wanted to find a way for the primary pieces to be the least important while making the tertiary lines the most important (contrary to the typical use of these lines). In order to make my complex design easy on the eyes, I made a symmetrical structure. It was important for me to keep in mind the mathematical formula for beauty: I tried to balance the complex parabolic curves with an equally spaced, symmetrical layout that does not overwhelm the audience. The primary line's intention is to be a framework and structure for the rest of the piece. They compose strong columns that are then tilted across the hexagon to form the secondary supports. These secondary supports are generously spaced and form a smaller hexagon nested within the structure. Lastly, I used the tertiary lines to duplicate the secondary supports and create fluidity and curves that create a void in the middle of the piece, creating an hourglass form. I was also able to create a flush finish for my tertiary lines by filing down the areas where the sticks would lie. Furthermore, I found planning the dimensions of the hexagon extremely helpful. I knew that each angle would be made at a 30 degree cut along with the inside of the wood being 4 inches long to create a hexagon with a diameter of 9 inches. Overall, my process was heavily focused on the research and constant iterations that lead me to explore creating the illusion of curves through straight lines while starting with a grid.