

Architectural Design

2025 Design Portfolio

NJ

Technology Student Association

2223012





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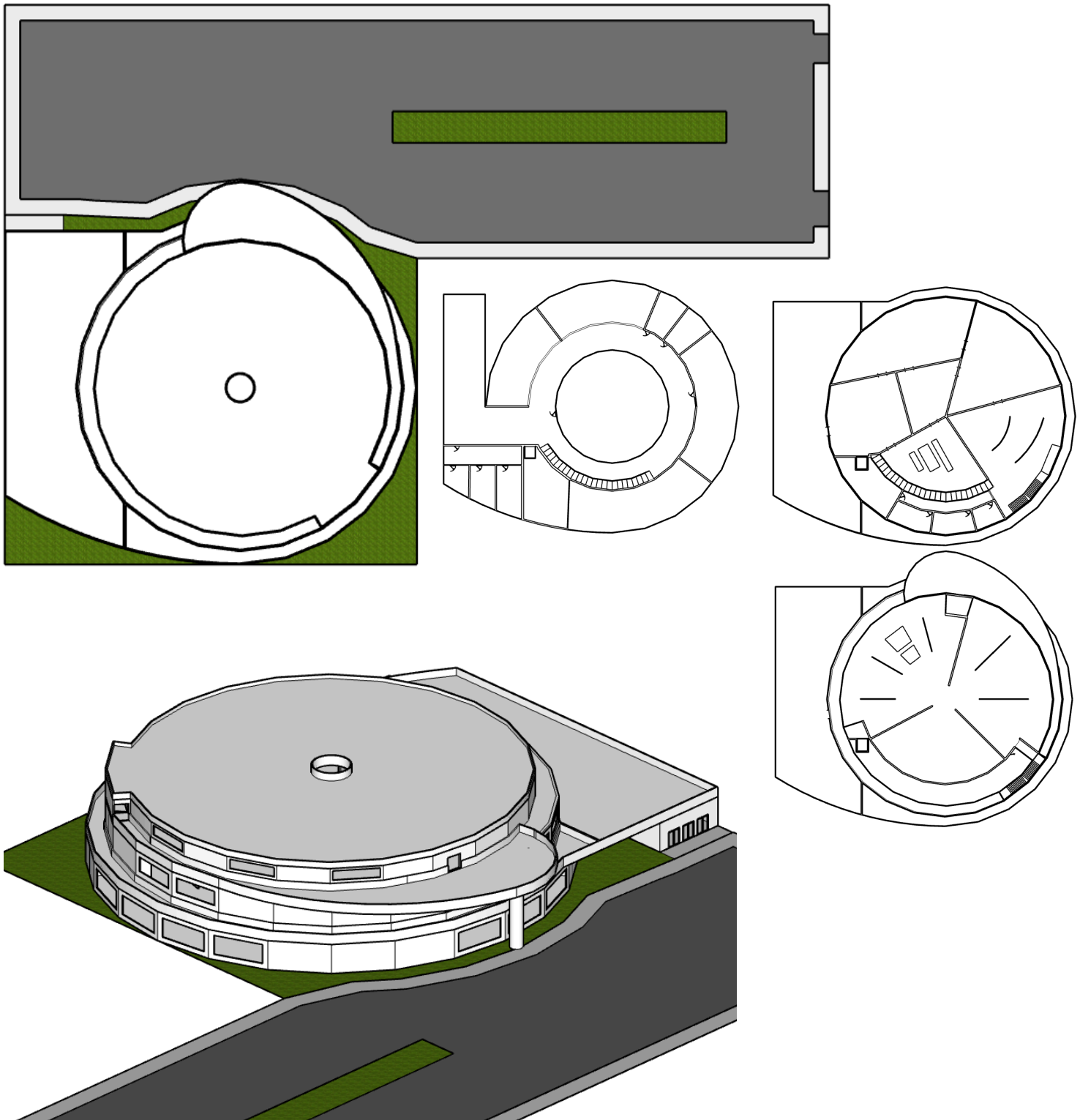
Interpretation of the Design Challenge

To interpret this design challenge I first started researching what types of museums there were. Instead of trying to find something that was common and needed, I decided to go for a more personal route. Many people in my community do pottery, so I imagined and designed a **Glass and Ceramic Arts** museum. To do this I took inspiration from works from my community and the presentation of the works in the Chihuly Garden and Glass Museum in Seattle, Washington. Before coming up with a shape or idea for how the museum was going to look, I spent some time sketching pottery forms and practicing my perspective. My first idea that came to mind was to try and form a museum in layers of circles, mimicking how thrown pottery bowls, vases, or cups look. Working with circles was fun, but it presented a new challenge of how to divide rooms on the inside. Using a style of having rooms flow into each other, and back to the start in a circle was helpful because it allowed me to connect more rooms. For the classroom and theater, I decided to interpret these as a pottery studio for learning, and a central room on the first floor for performances/demonstrations for the theater. This allowed me to meet the constraints, while also conforming to the purpose of the museum. The model is built at a 126":1" ratio.

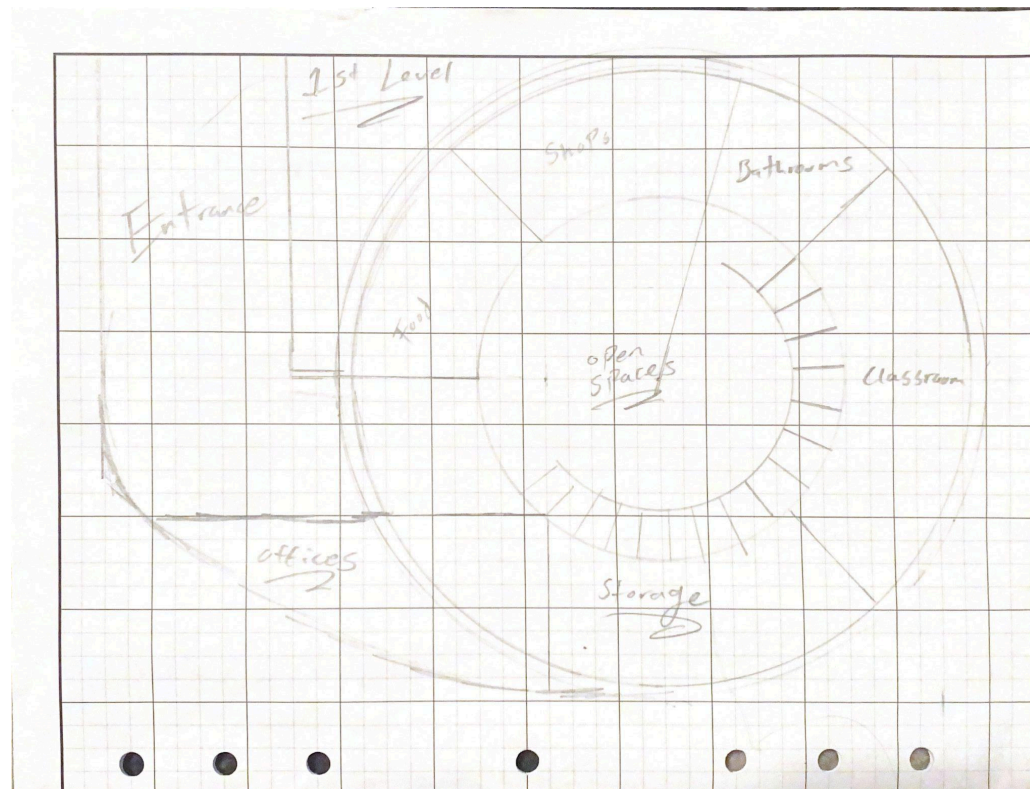
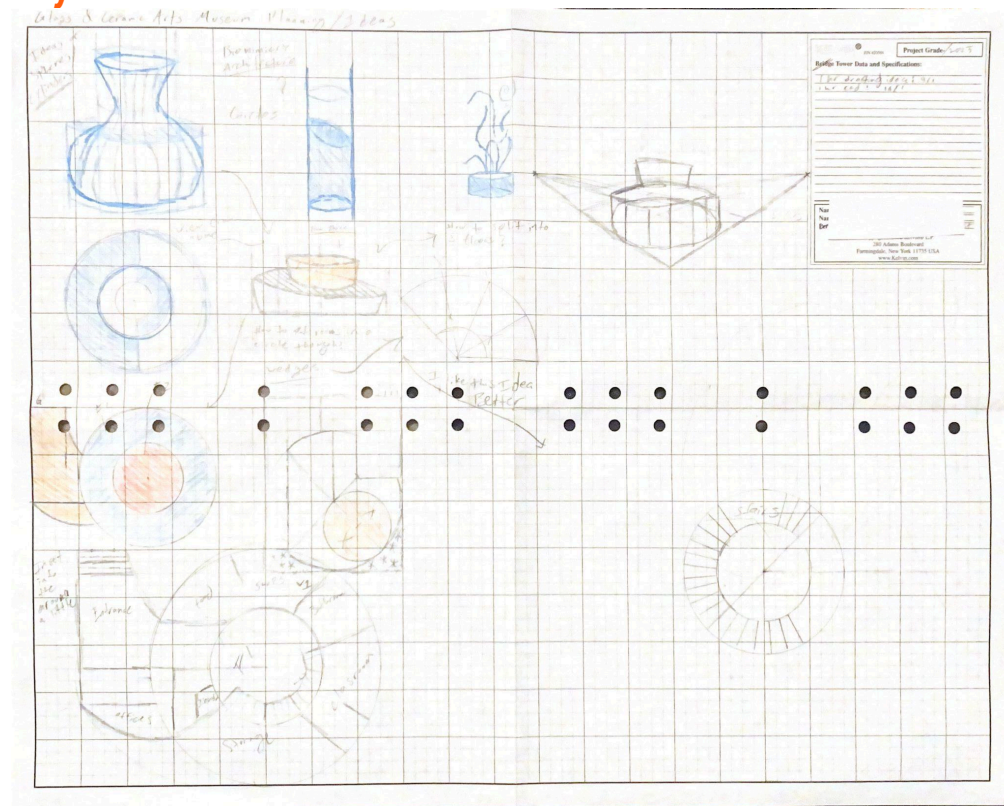
Schedule of Finish Materials

Location	Material	Size	Color	Notes
Exterior	Concrete	1'	Grey	Brutalism Style.
Interior Walls	Brick	6"	Beige	Bringing attention away from the building and to the art.
Interior Ceilings, Floors	Linoleum	1'	White	Simple.
Roof	Green Roof	1'	Brown	Plants to keep the building environmentally proactive.
Terraces	Hardwood	9"	Brown	Wood flooring for people to come outside and relax.

CAD Drawings



Physical Sketches



TECHNOLOGY STUDENT ASSOCIATION PLAN OF WORK

Date	Task	Time Involved	Comments
March 3 - 7	Researching	2 Hours	
March 10 - 14	Brainstorming	2 Hours	
March 17 - 31	CAD Modeling	3.5 Hours	
April 7 - 18	Modeling	4 Hours	



Resources Used

<https://architizer.com/blog/practice/details/architects-guide-museum-planning/>