



Ethan Lee

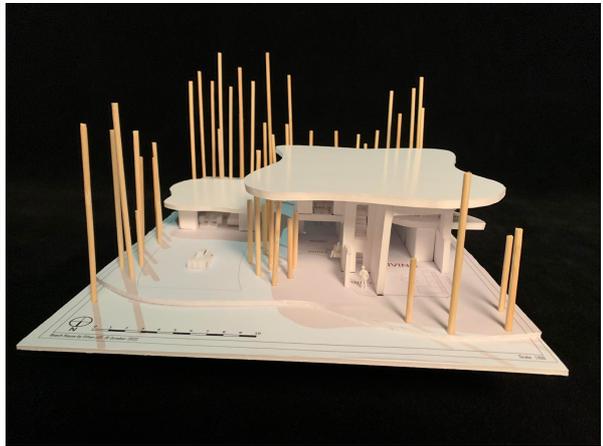
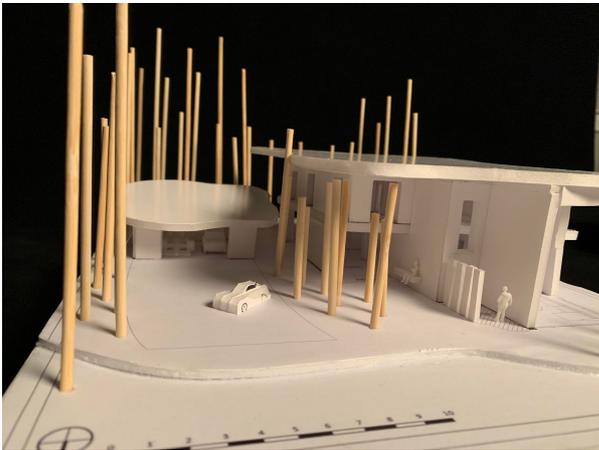
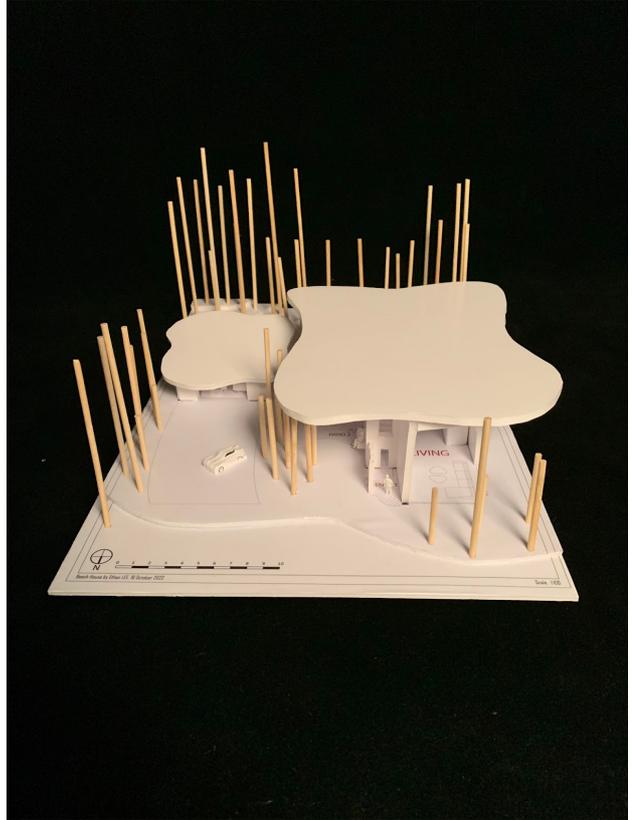
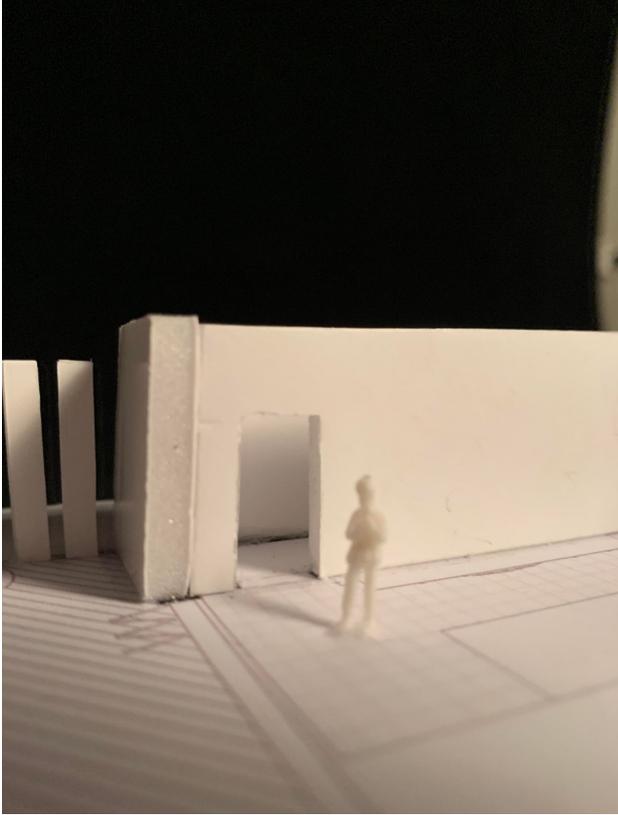
Architecture S3 2022 | Practical Architecture Model | 08/11/22

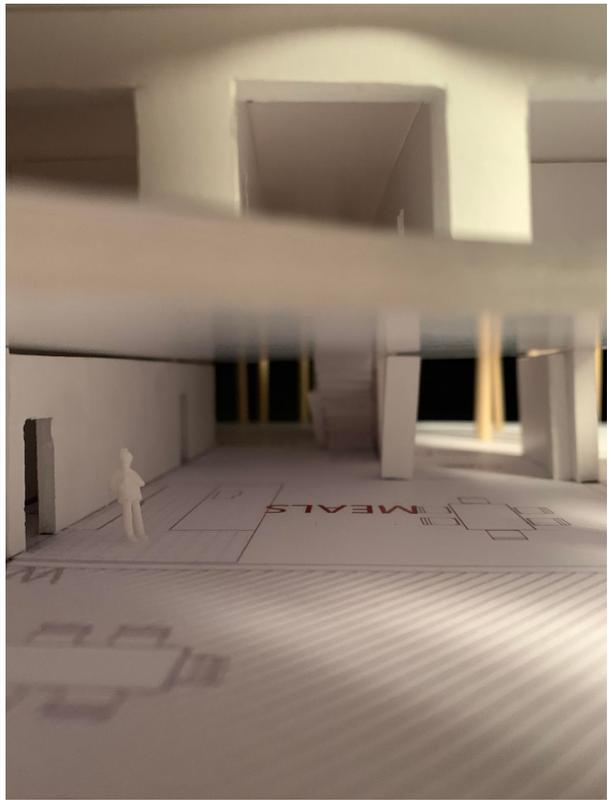
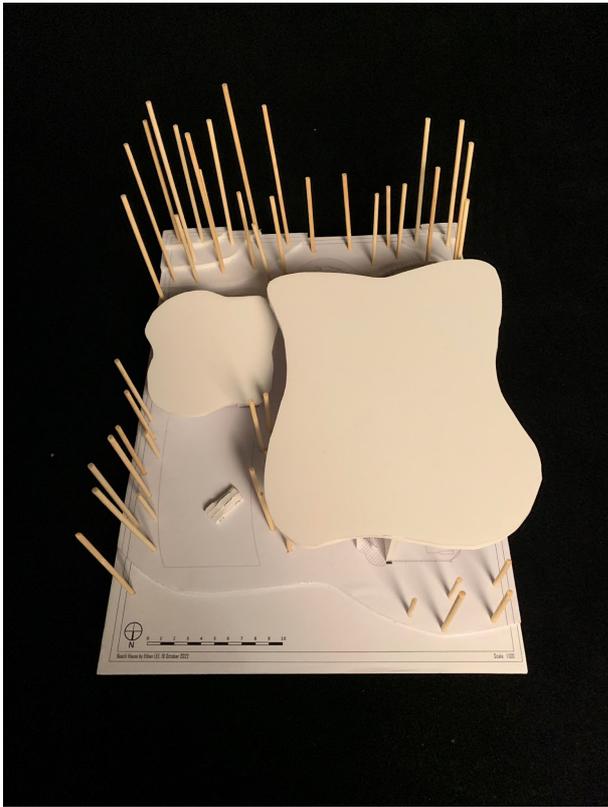
For this session's modeling project, I decided to go with a modified design of my beach house from Session 2 in a 1:00 scale as it was the simplest option with the most character in my opinion. Furthermore, it had many eco-rating elements to improve the sustainability of the design such as its orientation to the Sun, the thermal mass of its concrete walls, and the large overhang of the roof to provide shade in the Summer. My initial goal for this model was a clean and crisp all-white aesthetics, utilizing solely foam boards as this was the material provided in class and maximizing its overall potential. The effect of natural light on the structure and the shadows it created would also be more clearly visible due to the contrast. I also decided not to make any furniture as that would unnecessarily take focus away from the main subject, being the form and space created by the house.

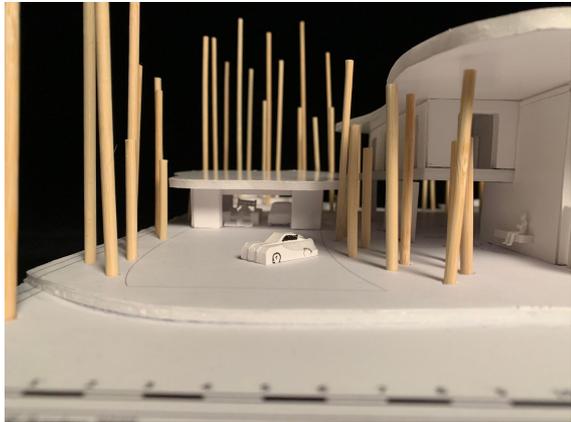
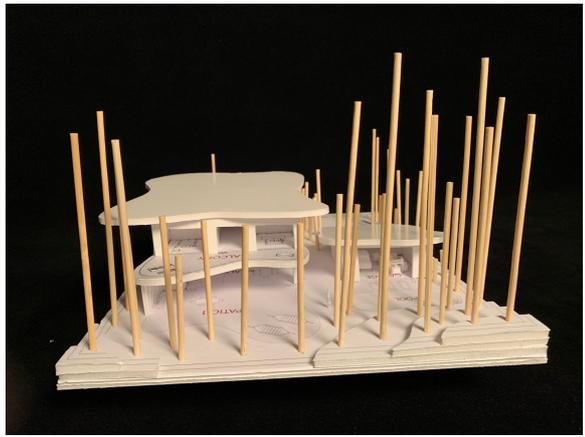
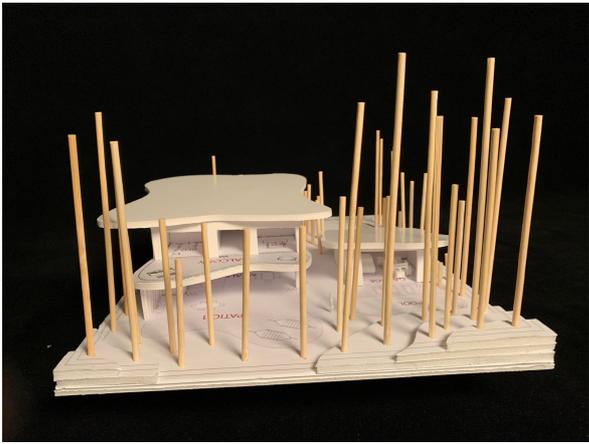
The main success of this modeling project would be the use of bamboo skewers to represent the surrounding vegetation without confusing or taking attention away from the design. However, there were also numerous smaller successes such as the use of topography to present the local terrain, clean cuts through the use of a sharp Exacto knife, having a clear and understandable floorplan as well as having people and cars to provide reference of scale to the model. Finally, this project utilizes a wide variety of materials and techniques to achieve its final product such as rabbit cuts, the 3D printer, cutting through the foam 3 times to ensure a clean cut, and a sloping roof for the garage.

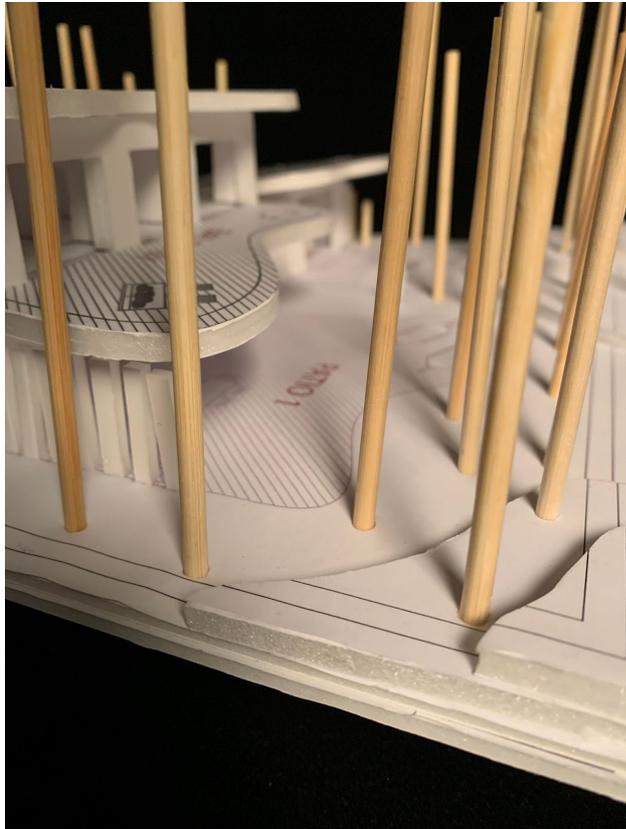
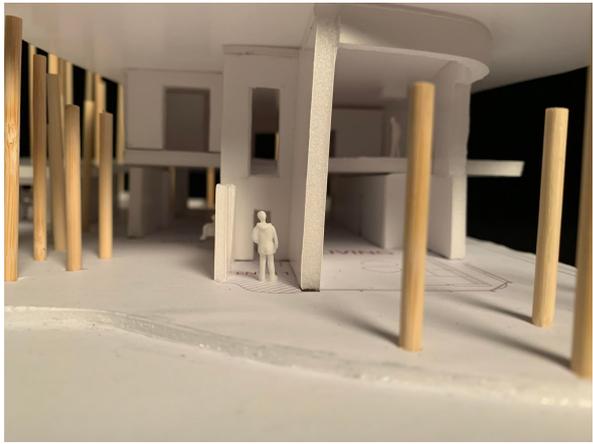
Although there remained many failures and struggles in this project including the mullions not lining up with the floorplan, the gap between the walls and the roof, and the few messy cuts and joints around the model. For future improvement, I would place more attention on small details like the tectonics of the design and make the overall joinery cleaner. I'd also pay more attention to avoid smudging the base and perhaps use more variety of materials like balsa wood and acrylic to better represent the structure.

Extra Photos

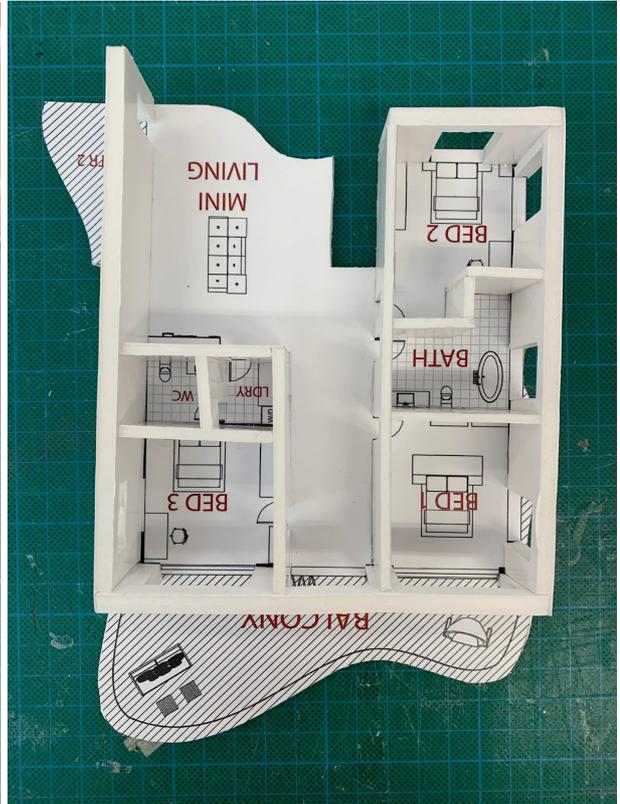
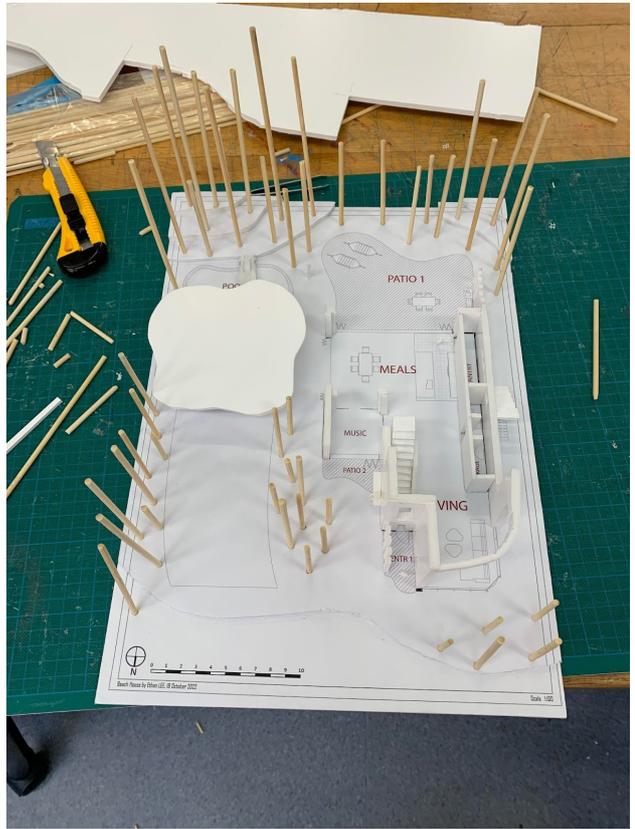
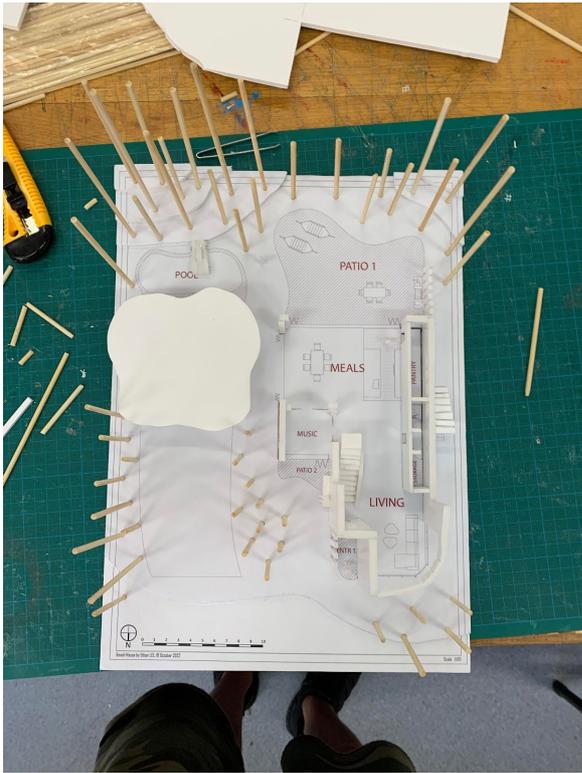


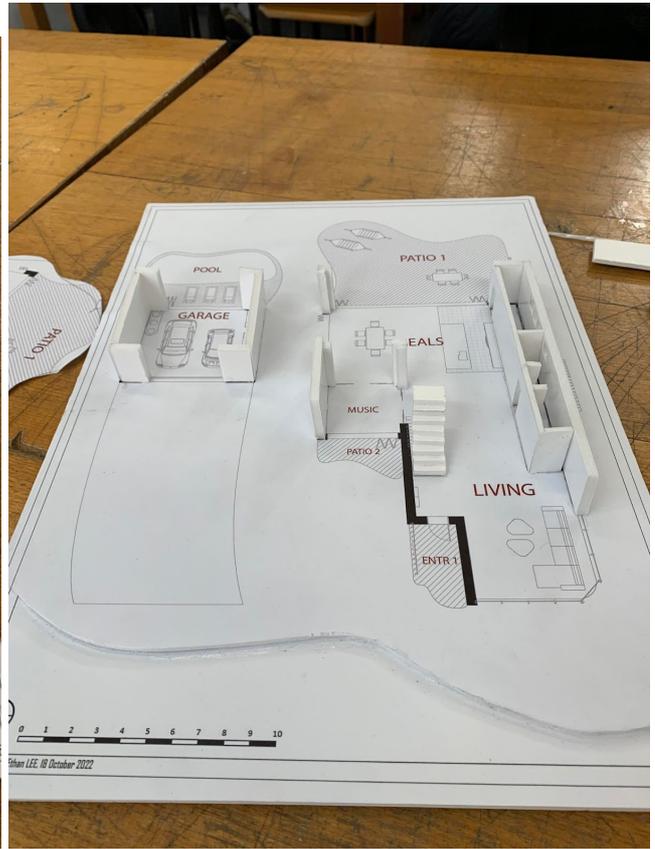
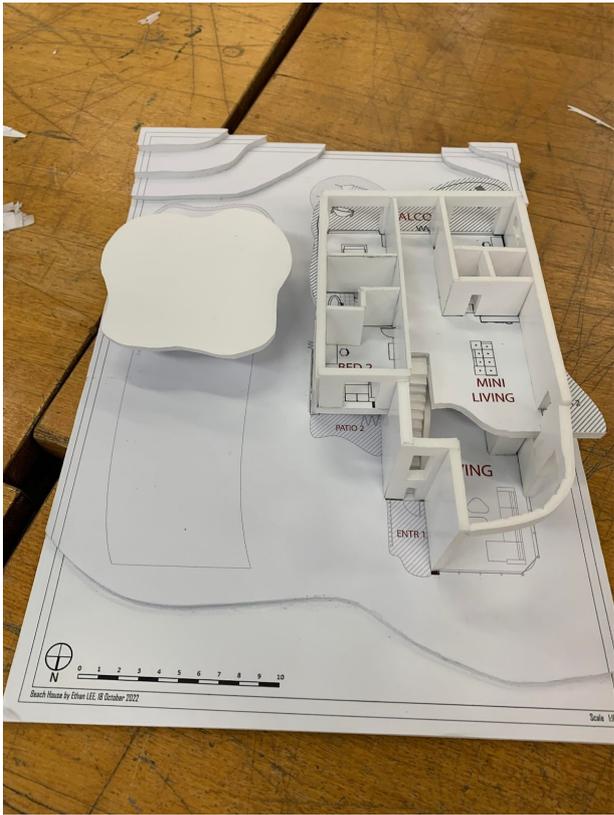


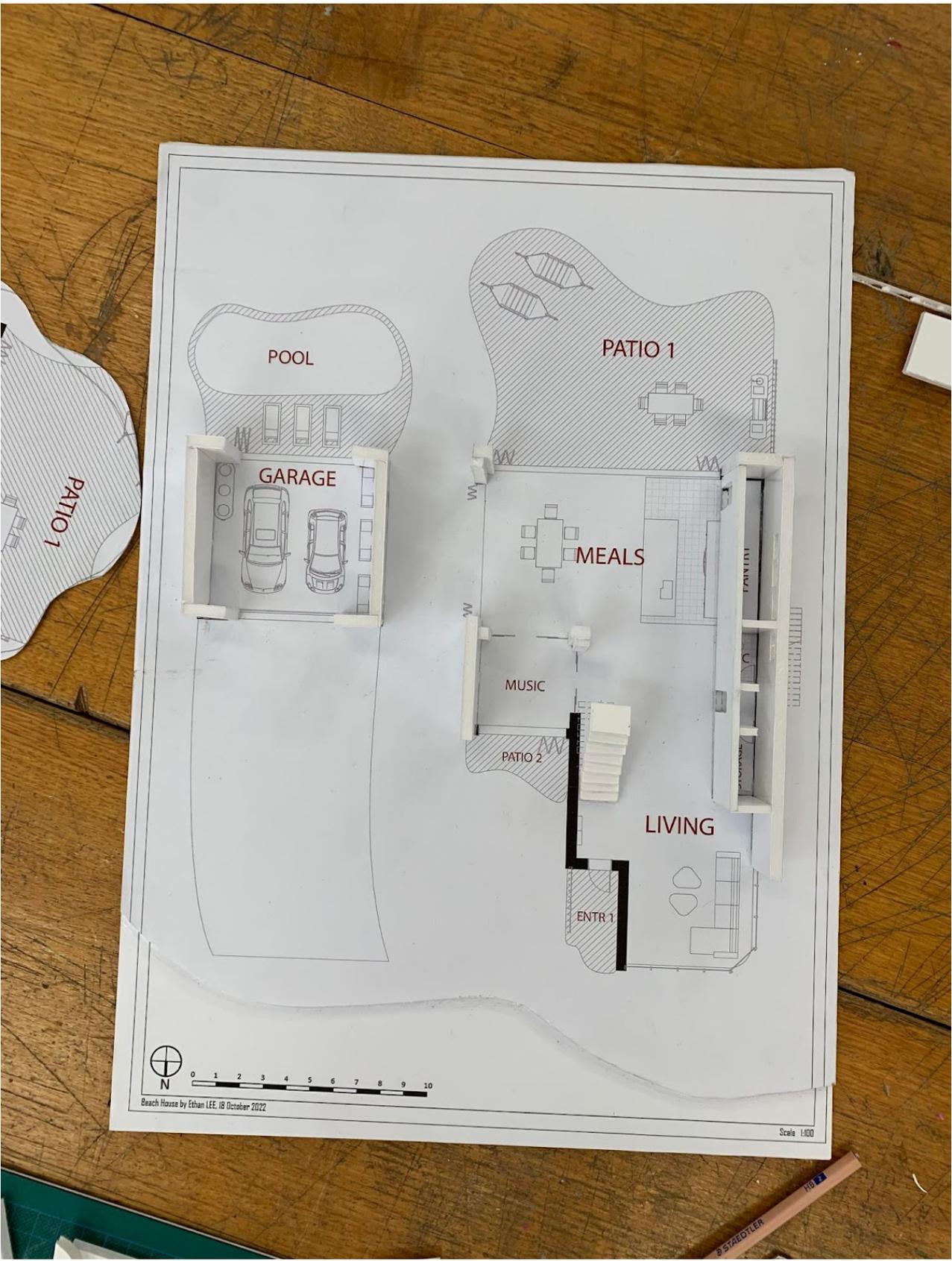




Progress Photos







POOL

PATIO 1

GARAGE

MEALS

MUSIC

PATIO 2

LIVING

ENTR 1



Beach House by Ethan LEE, 18 October 2022



Scale 1:100

