

# Architectural Portfolio

Jose Armando Cortez-Martinez

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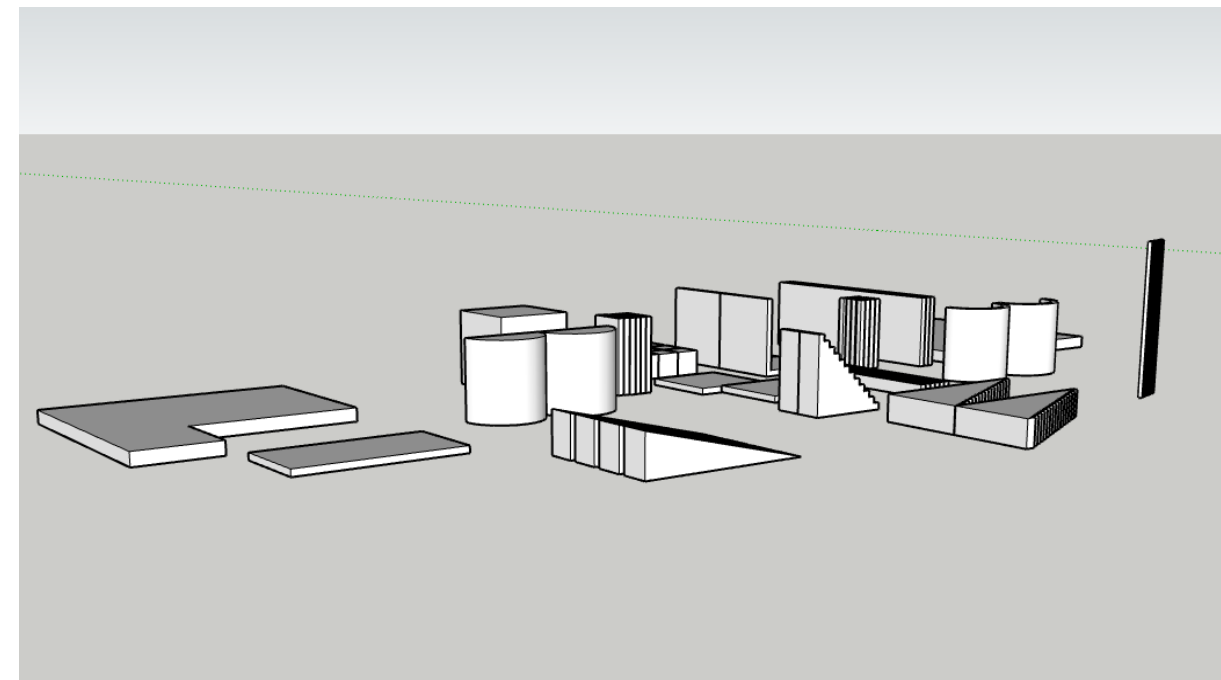
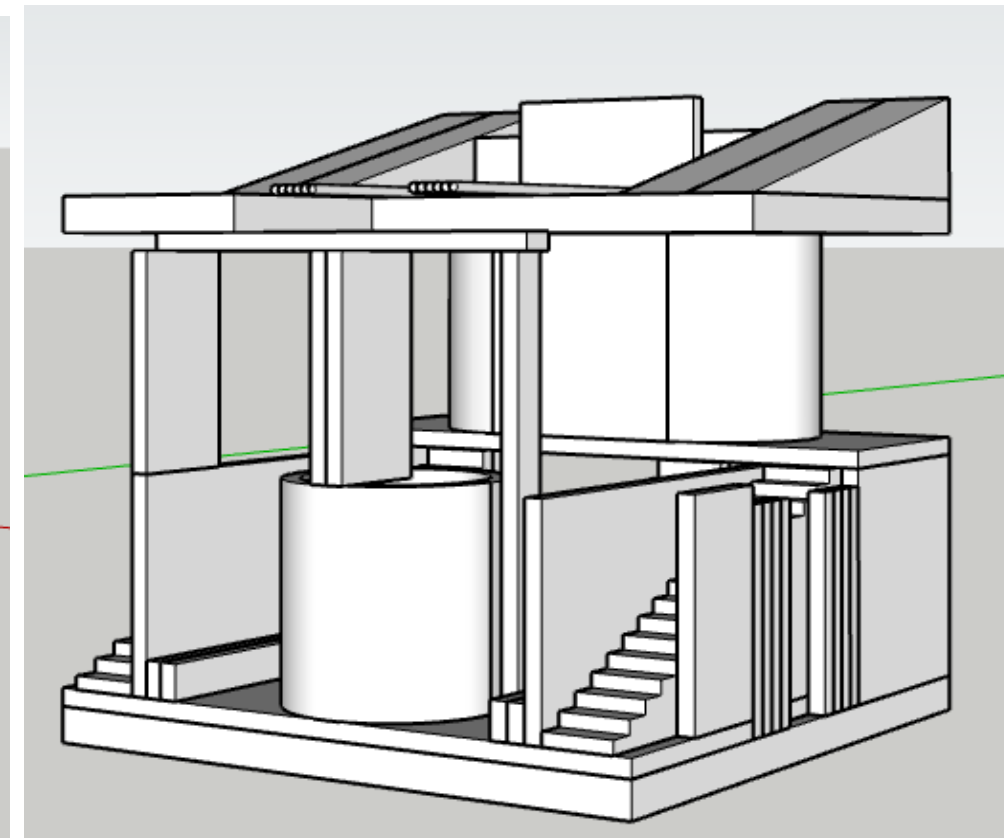
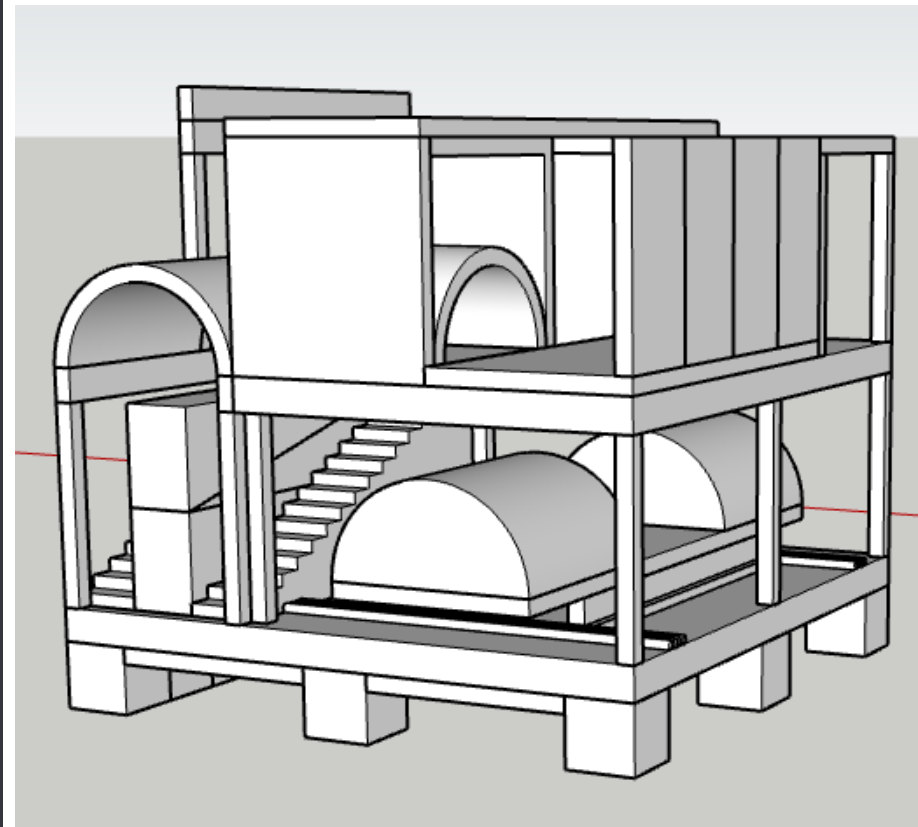
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# Kit of Parts

- This project focuses on exploring aspects of composition, the design process, and the discovery and creation of space through the third dimension, solids, voids, and scale, with a strong emphasis on craftsmanship. It also aims to develop an understanding of orthographic projections and how they relate to axonometric drawings and physical models.

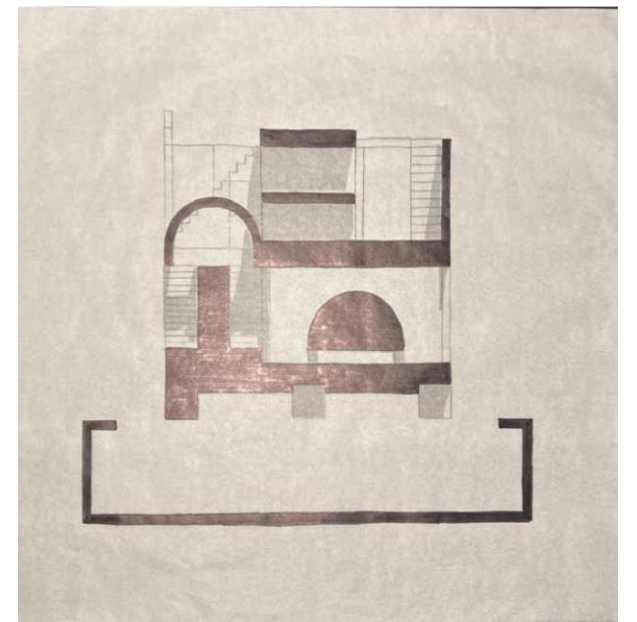
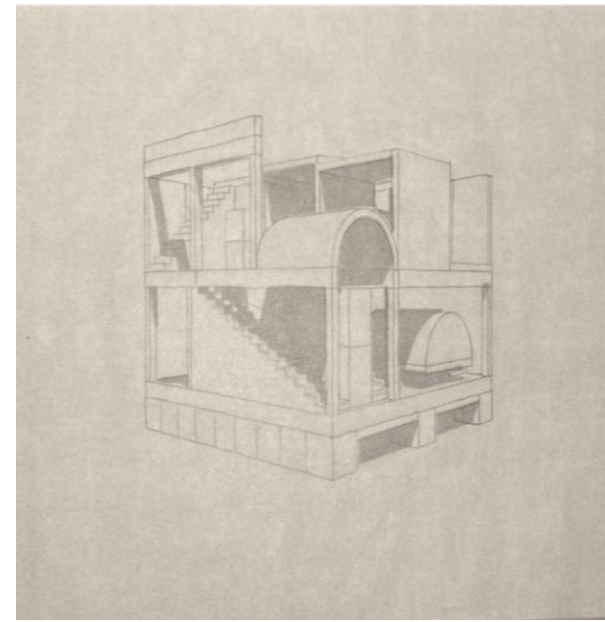
# Kit of Parts (Phase 1)

- First two SketchUp Compositions from parts.



# Kit of Parts (Phase 2)

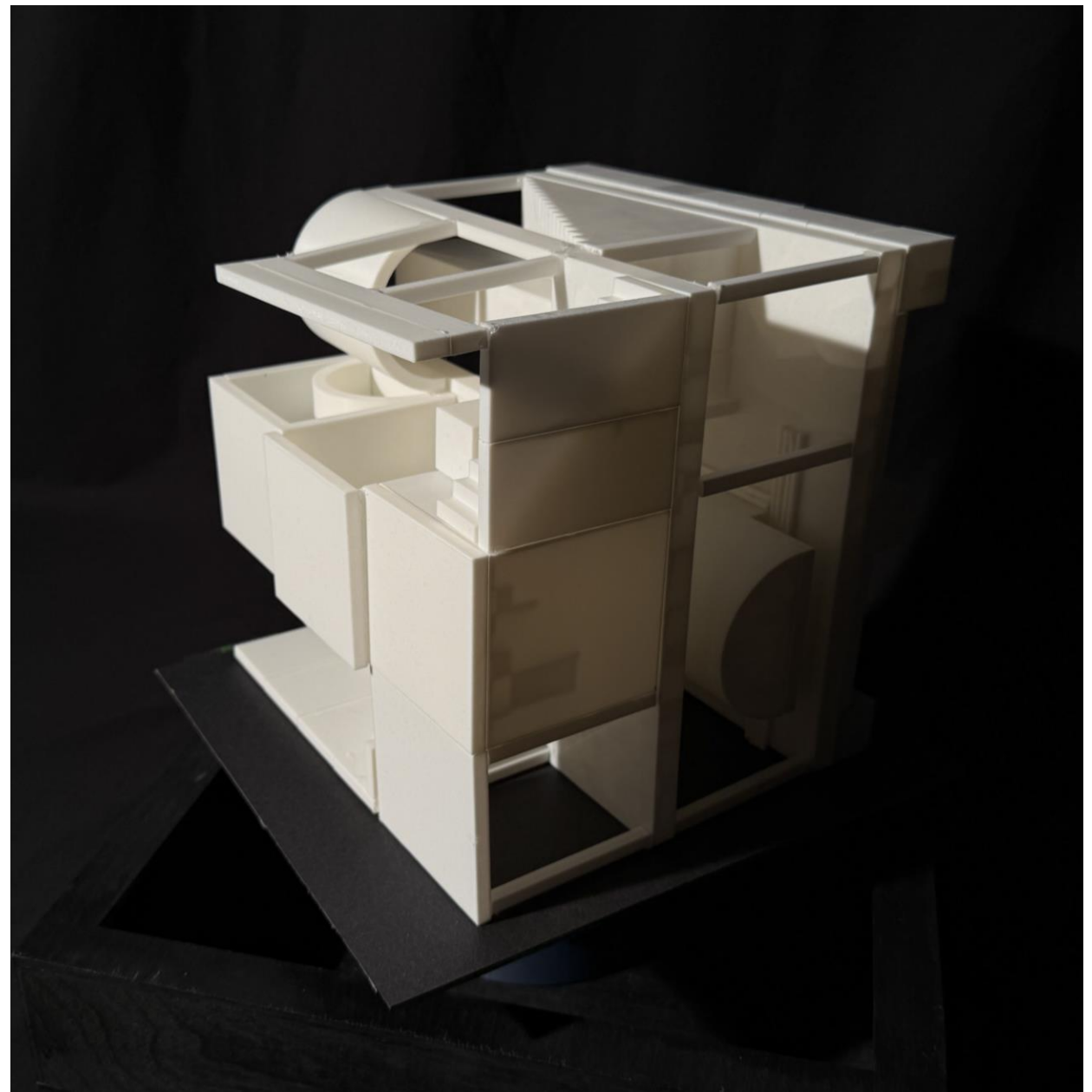
- Physical model from one of the compositions in the previous phase along with hand-drawn perspective and section views.





# Kit of Parts (Phase 2 into 3)

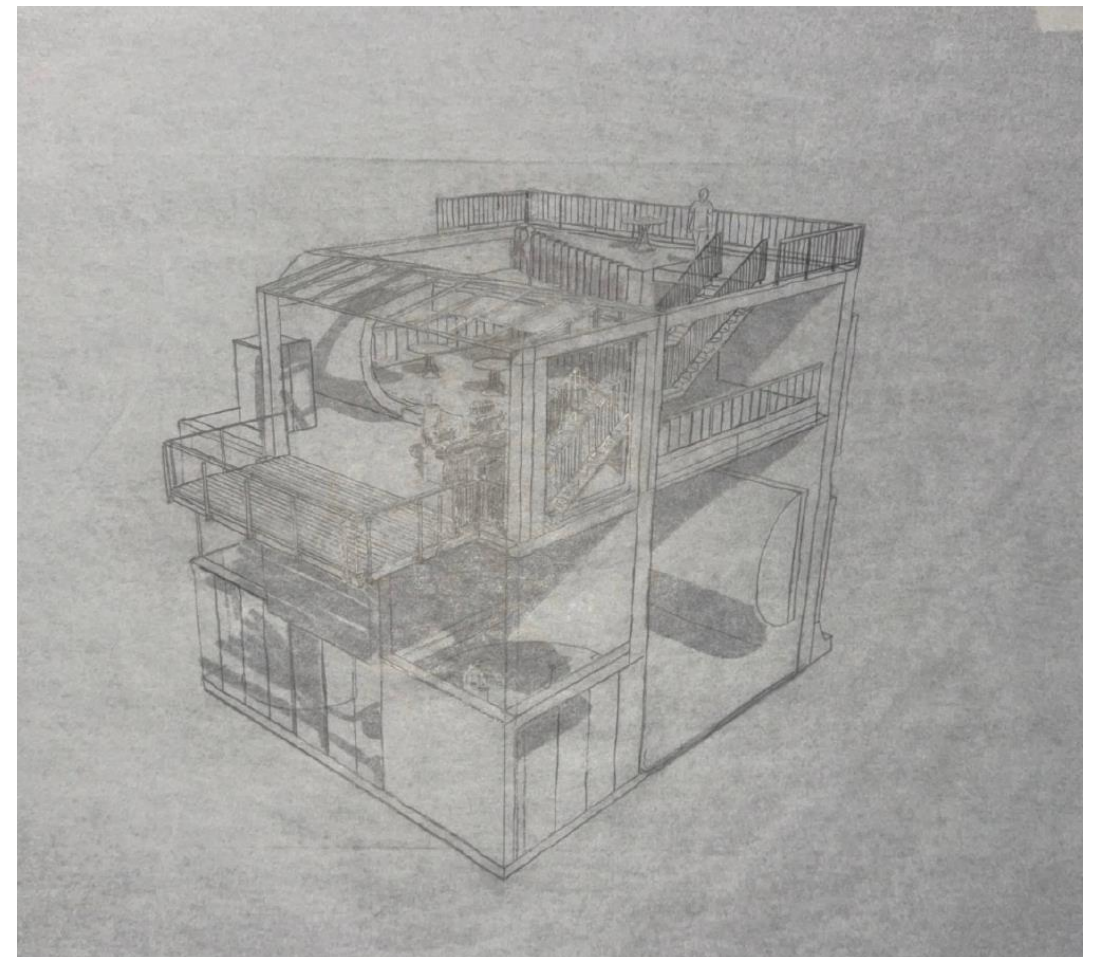
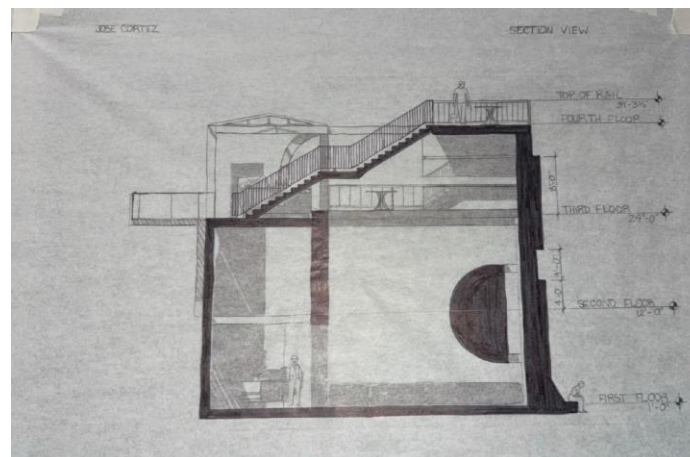
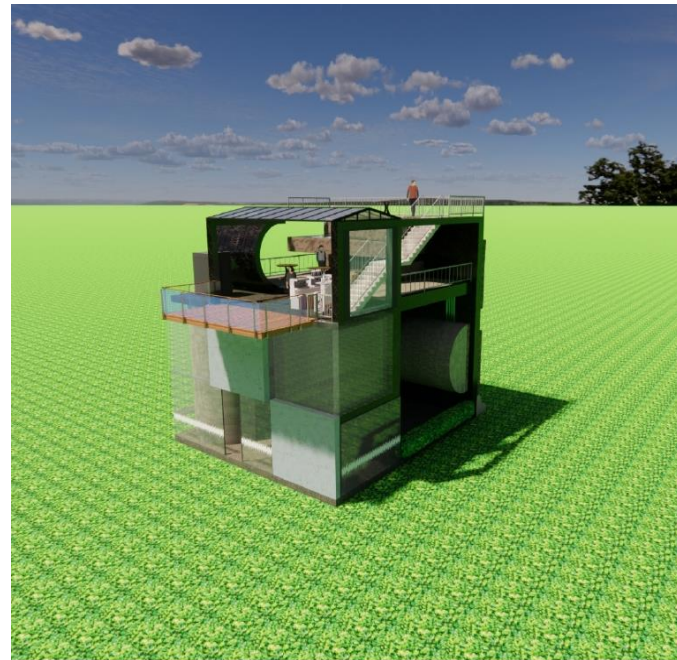
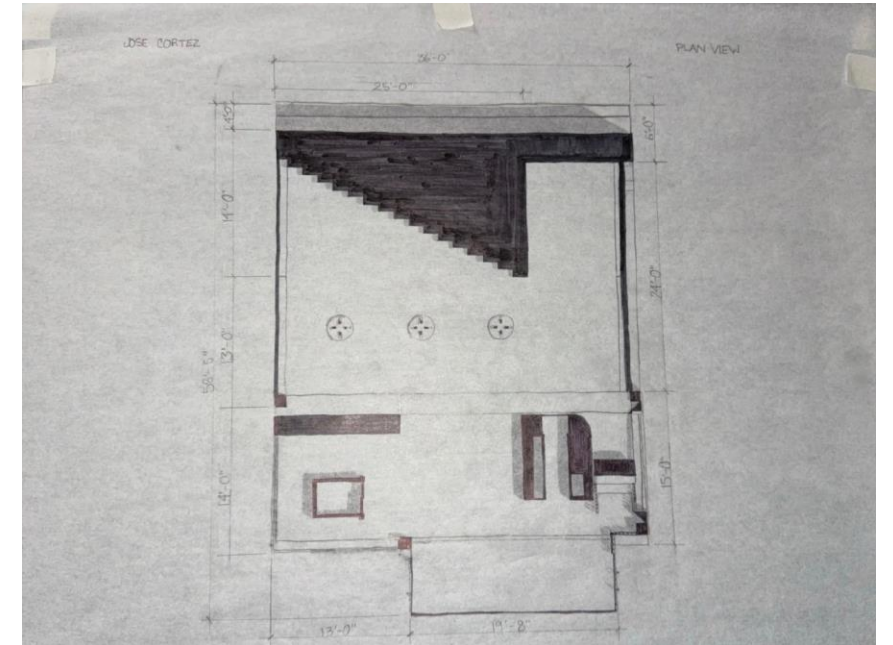
- Rotating physical model to get inspiration for phase 3



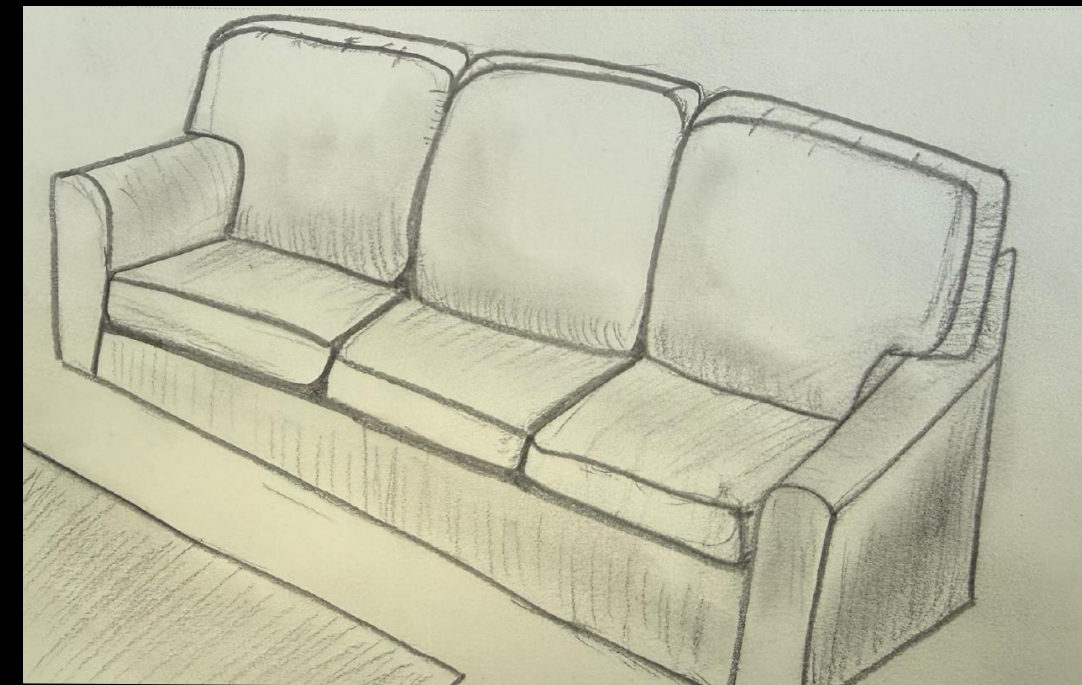
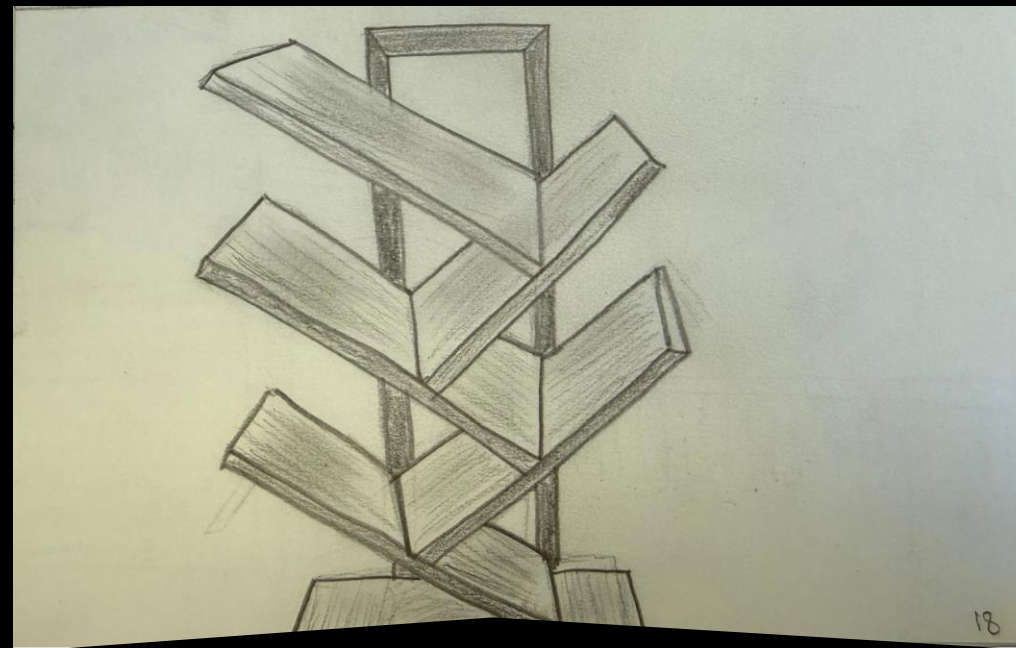


# Kit of Parts (Phase 3)

- The third and final phase of this project involves designing a space. The development of this space should be inspired by the model itself. Render and hand-drawn views.



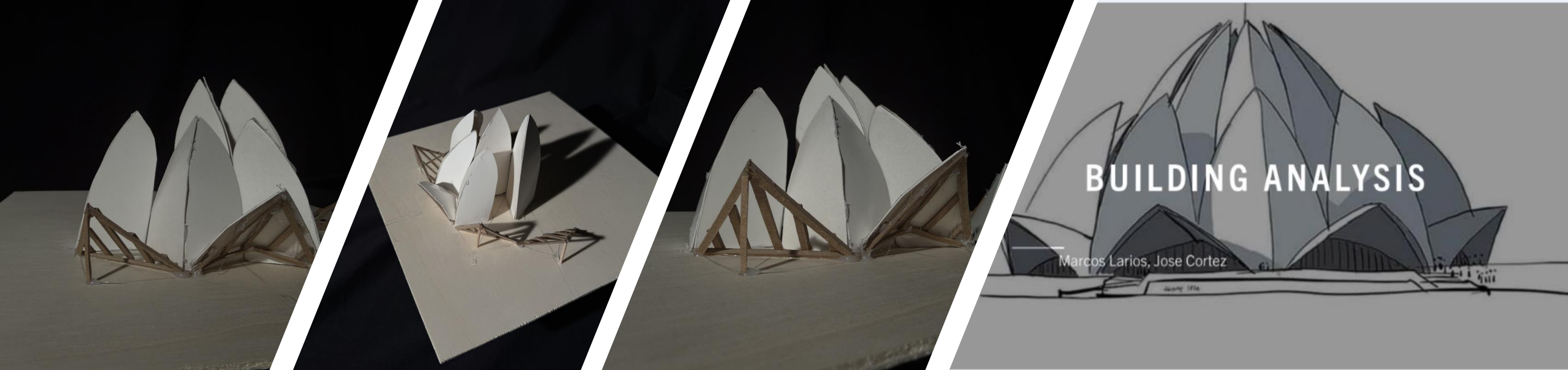




# Sketches

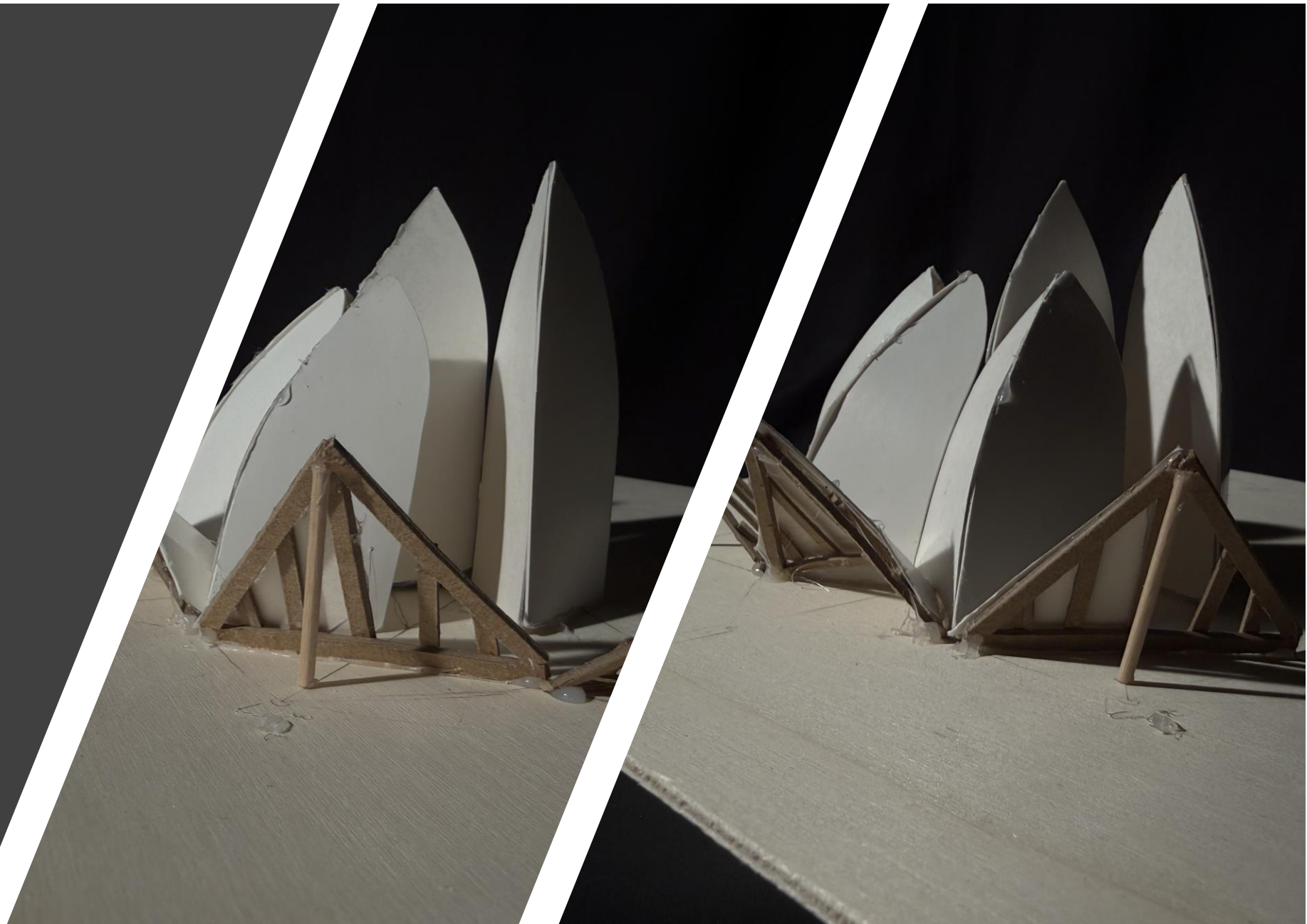
- A collection of sketches show-casing a range of architectural perspectives, both interior and exterior.





# Building Analysis

- The objectives of this project are to conduct research by gathering information driven by curiosity about the subject, analyze architecture through the use of diagrams and models, and develop associations between language and graphic representation. The project also aims to compose graphic presentations collaboratively as a team while improving public speaking and overall presentation skills.





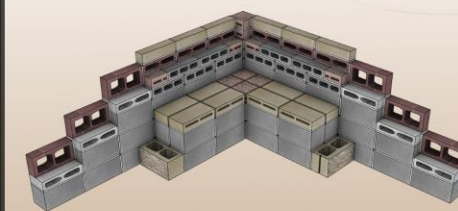


# Masonry Wall Design & Construction Project

- Participated in a class design competition in which each team designed and constructed a masonry wall corner using the provided masonry blocks. The structure was limited to a maximum of six feet. Pattern, composition, design, and constructability were considered in our proposal. Mortar joints were simulated by dry-stacking the blocks with gypsumboard,



## CORNER OF DISPAIR

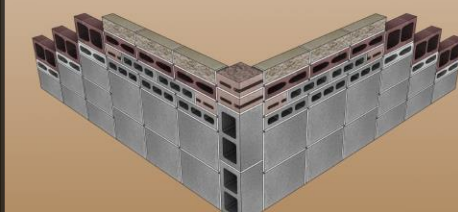


PERSPECTIVE 1



ELEVATION 1

SCALE: 1/2" = 1'-0"



PERSPECTIVE 2



FLOOR PLAN

SCALE: 1/2" = 1'-0"



ELEVATION 2

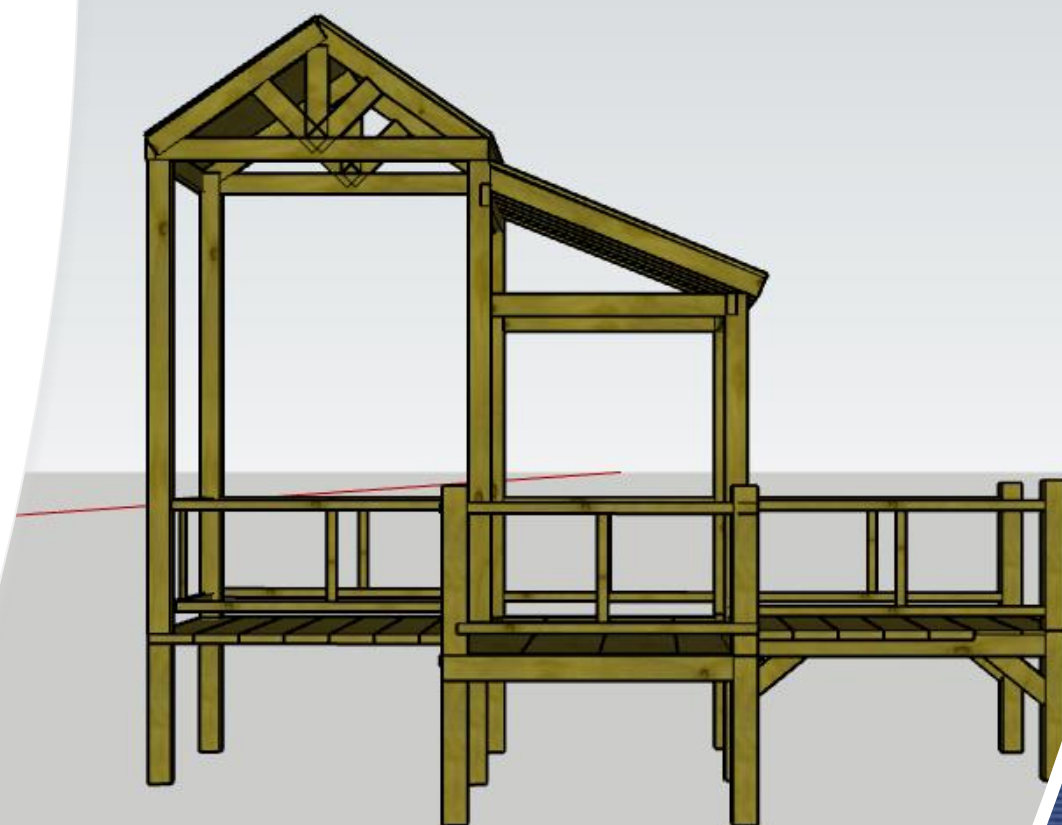
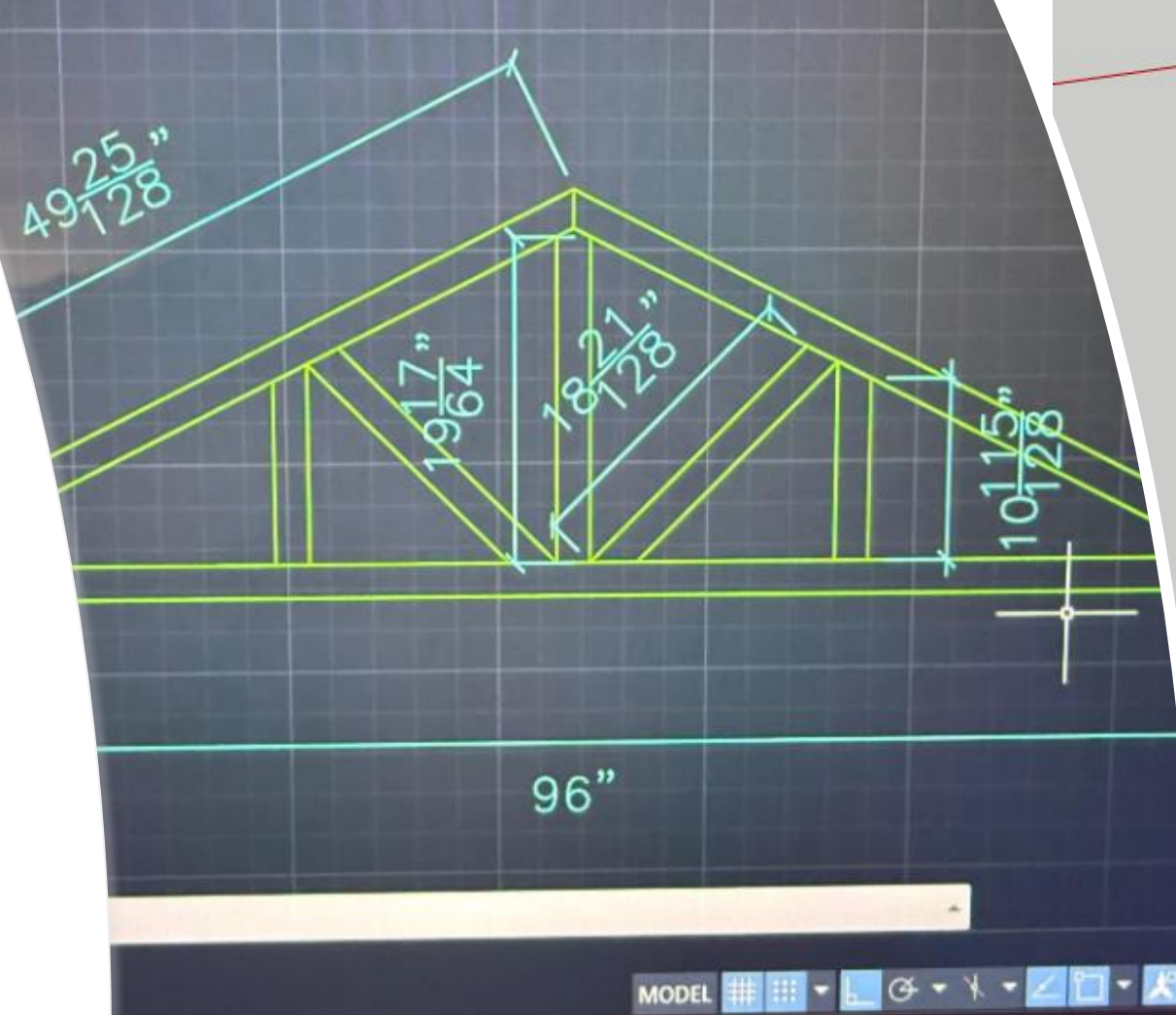
SCALE: 1/2" = 1'-0"

JOSE CORTEZ-MARTINEZ  
MARCOS LARIOS  
LUIS SANCHEZ-CANTU  
DARIAN TEMOXTLE TEHUNTLE

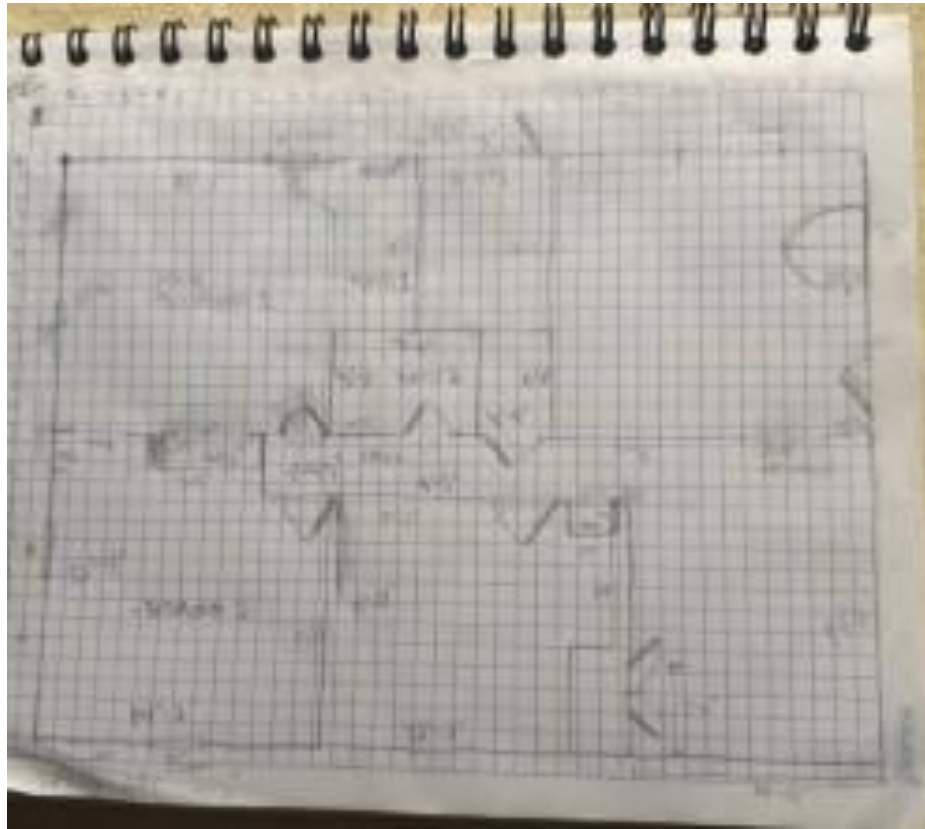


# Wood Design Project

- Participated in a group design project in which each group designed a wooden structure with the given SketchUp blocks. The structure was to use elements from every member's personal design.







# Personal Project

Remodeling a house. I made drawings of the existing structure to apply for building permits.

Project Under Construction

