

An architectural rendering of a modern building's interior. The space is characterized by a large, triangular void that tapers towards the top. The walls are composed of large, light-colored geometric panels. A man in a white shirt and purple pants stands on a raised platform at the top of the void. A woman in a purple dress stands on a lower level, and a young boy in a purple hoodie sits on the floor in the foreground. The overall atmosphere is clean and minimalist.

# Port folio Fall 2023

Ian Spangler  
Studio Cassil









# Project 1.

## Site Analysis

Project 1 introduced the quarter with a site analysis project that included study and sketching of the downtown area of San Luis Obispo, and then specifically at the chosen site located at 930 Monterey St. This sketching, photographing, and observation culminated in a combined graphic showcasing the information gathered.





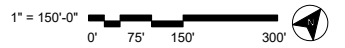
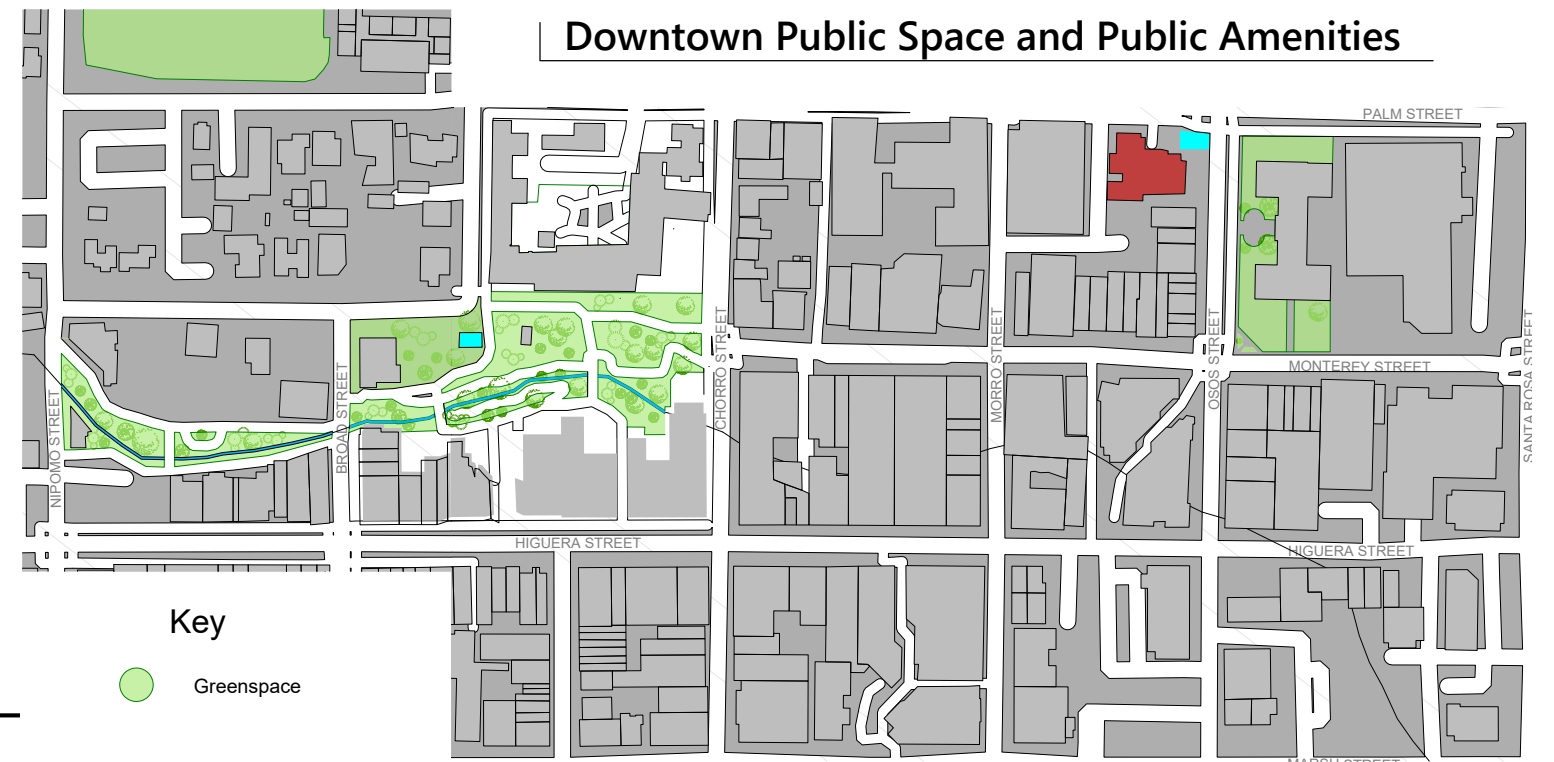
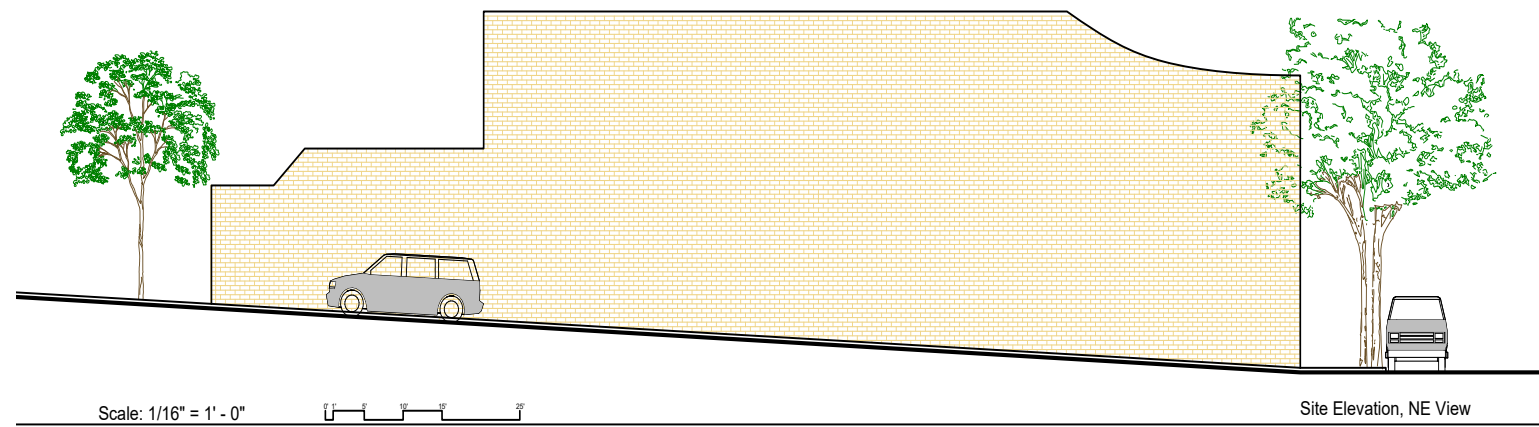
Downtown Photography





Part of the assignment included sketching downtown in a manner that was subjectively relevant and valuable. I chose to sketch a stylized rendition the Court Street development.





Analysis was composed of a mixture of sketching, photography, drawing, and diagramming.



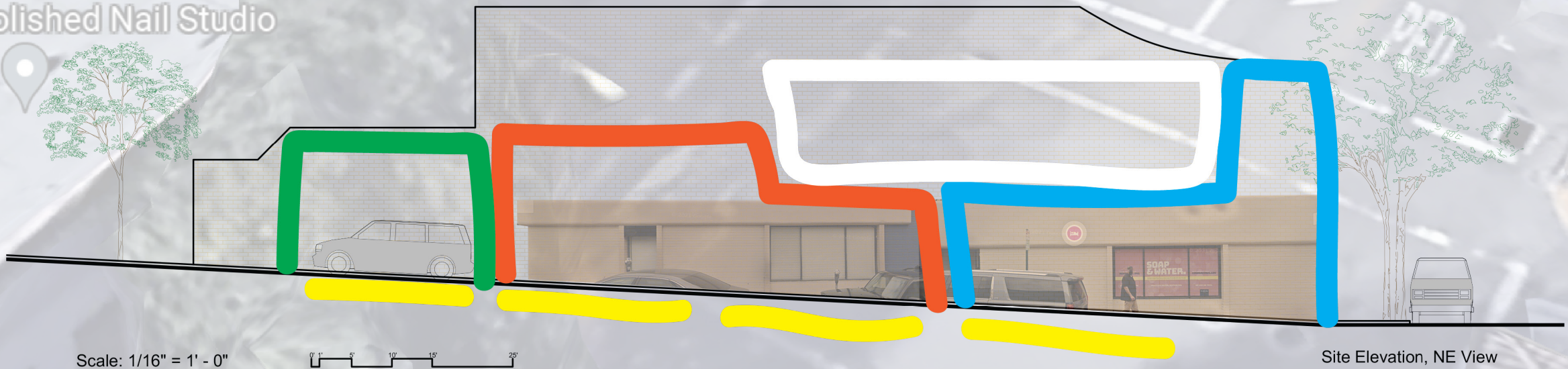
# NW Morro St. & Monterey St.

Situated in the heart of Downtown San Luis Obispo, within 2 blocks of City Hall, The Mission, and Higuera street simultaneously, NW Morro St. and Monterey St provides quick and easy access to the best SLO has to offer. The immediate neighborhood possesses numerous local restaurants, shops, and boutiques. This sunny slice of the central coast is a can't miss opportunity ready for new mixed-use development.

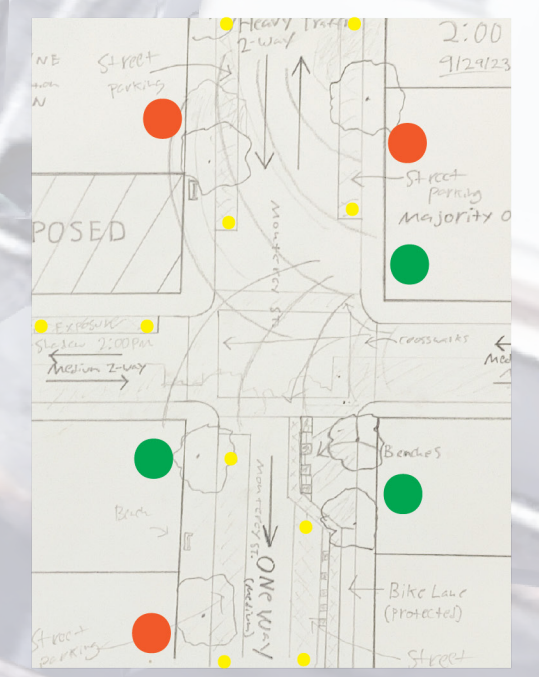


- Noise
- Retail
- Buildings
- Artisans
- Bike Route
- Dining
- Greenery
- Street Parking

Polished Nail Studio



Site Elevation, NE View





# Reflections.

Project One set up the foundation on which the following projects were built. Through the analysis done it began to form mental connections between space, context, history, style, circulation, and functional utility.

I gained a greater appreciation for the district of Downtown and the various qualities that make it a functional and attractive region of the city.

In addition the assignment strongly challenged my graphic representation skills by requiring me to showcase my analysis in a visually legible and articulate manner.







# Project 2.

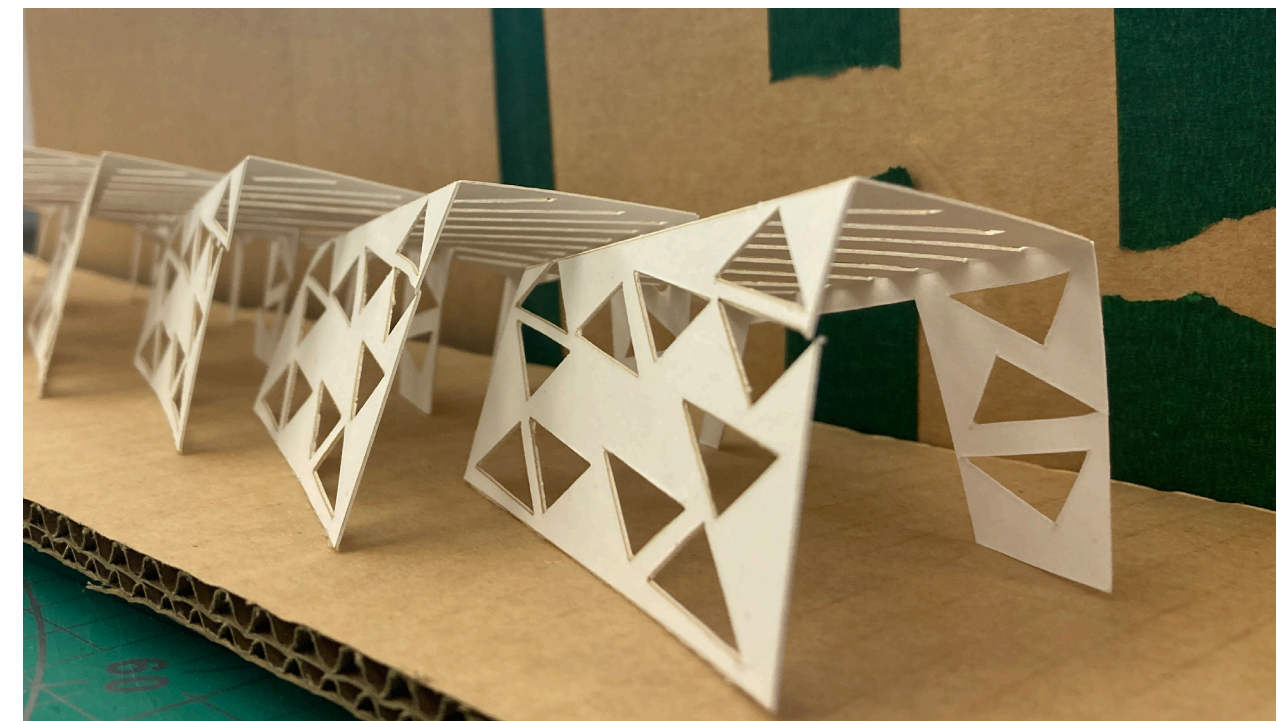
## Rethinking Edgespace

Project 2 challenged us to rethink what a habitable and effective public edgespace is comprised of. Keeping in mind the context gathered from the previous project we were encouraged to focus on a dyad of opposing qualities of our choice to guide design thinking and process.

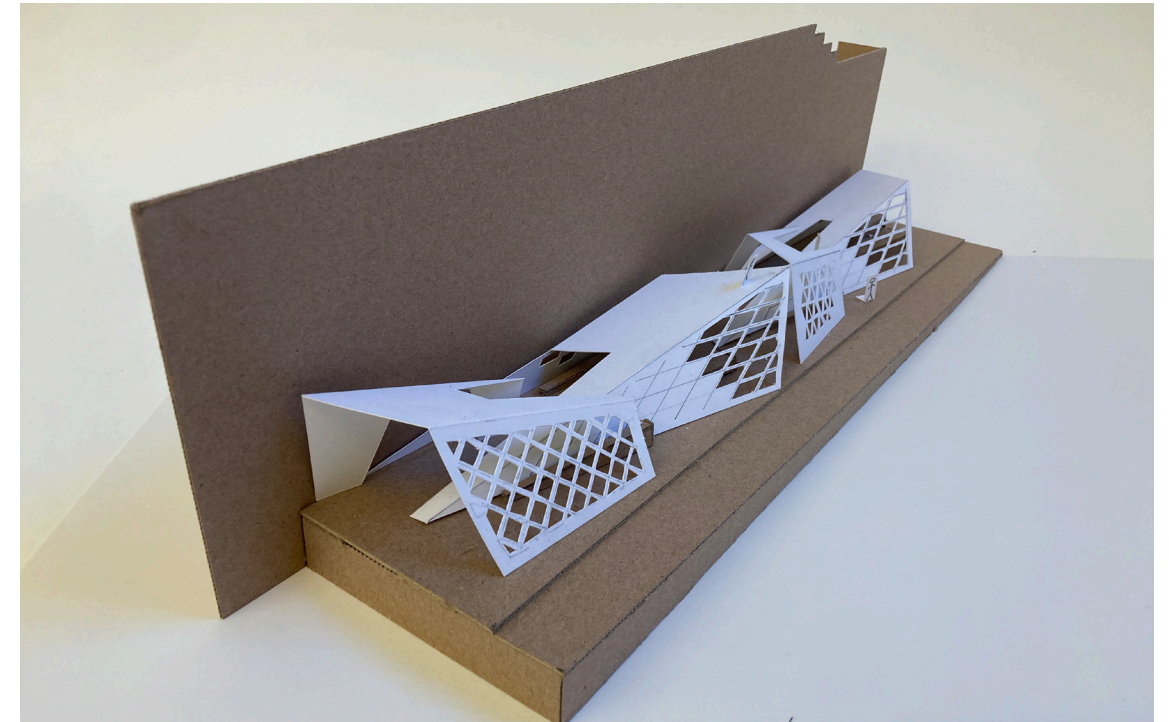
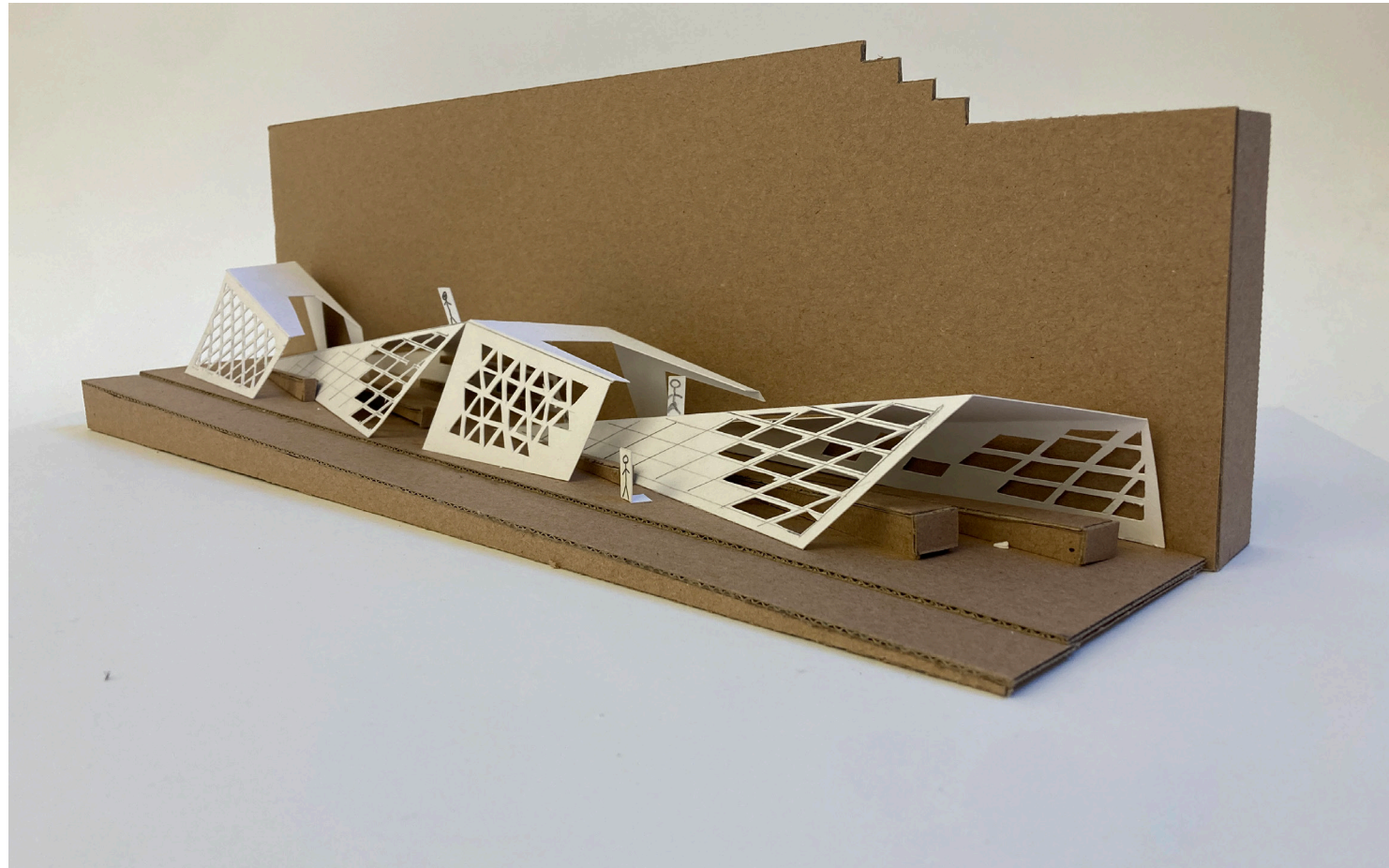




The first design, translated into the shown study model was centered around the tension between intermediate space and public space. The whole pavilion functions as a covered walkway with ensconced side passages that exit at regular intervals. It also implemented the idea of utilizing perforated planes to connect interior to exterior while providing shade against the harsh sunlight on the site.





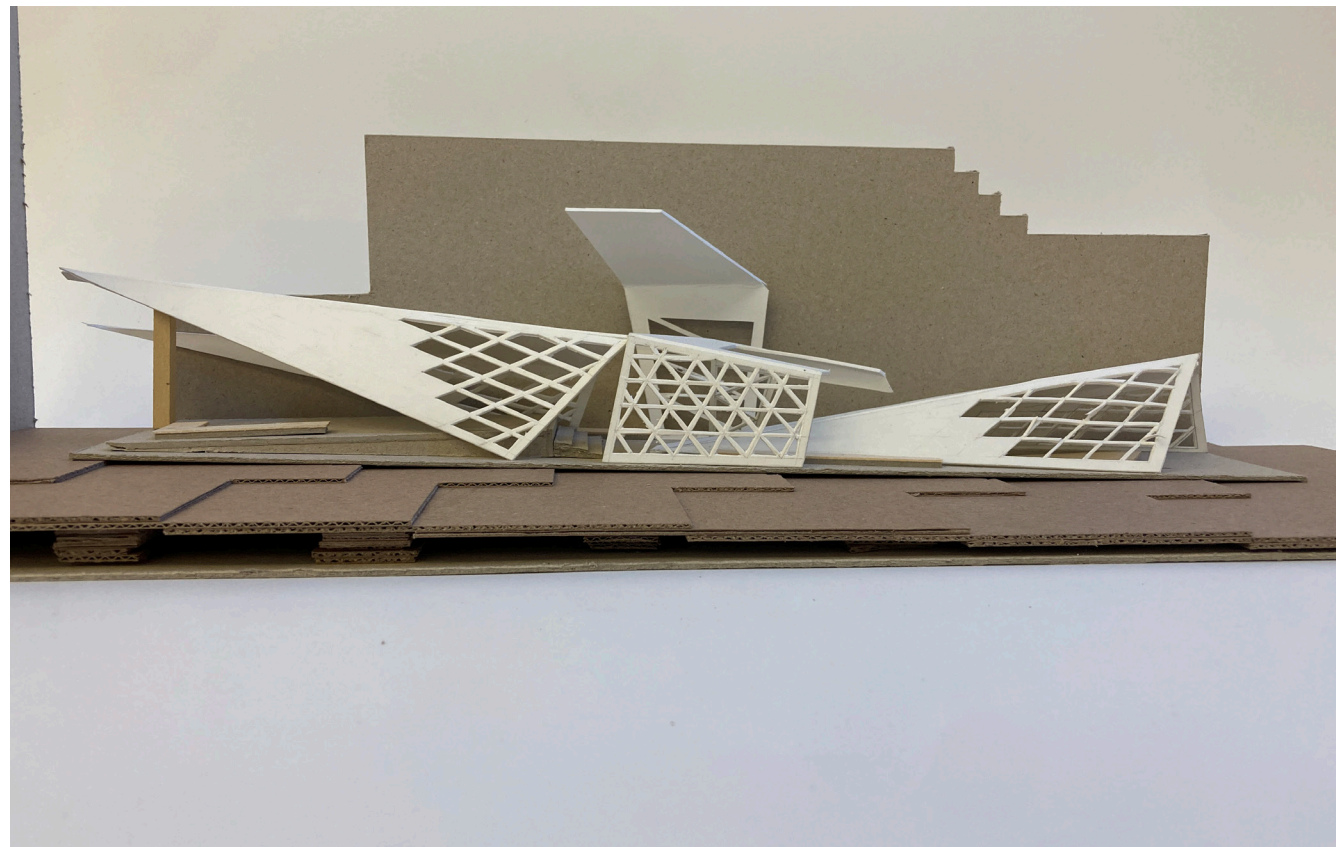
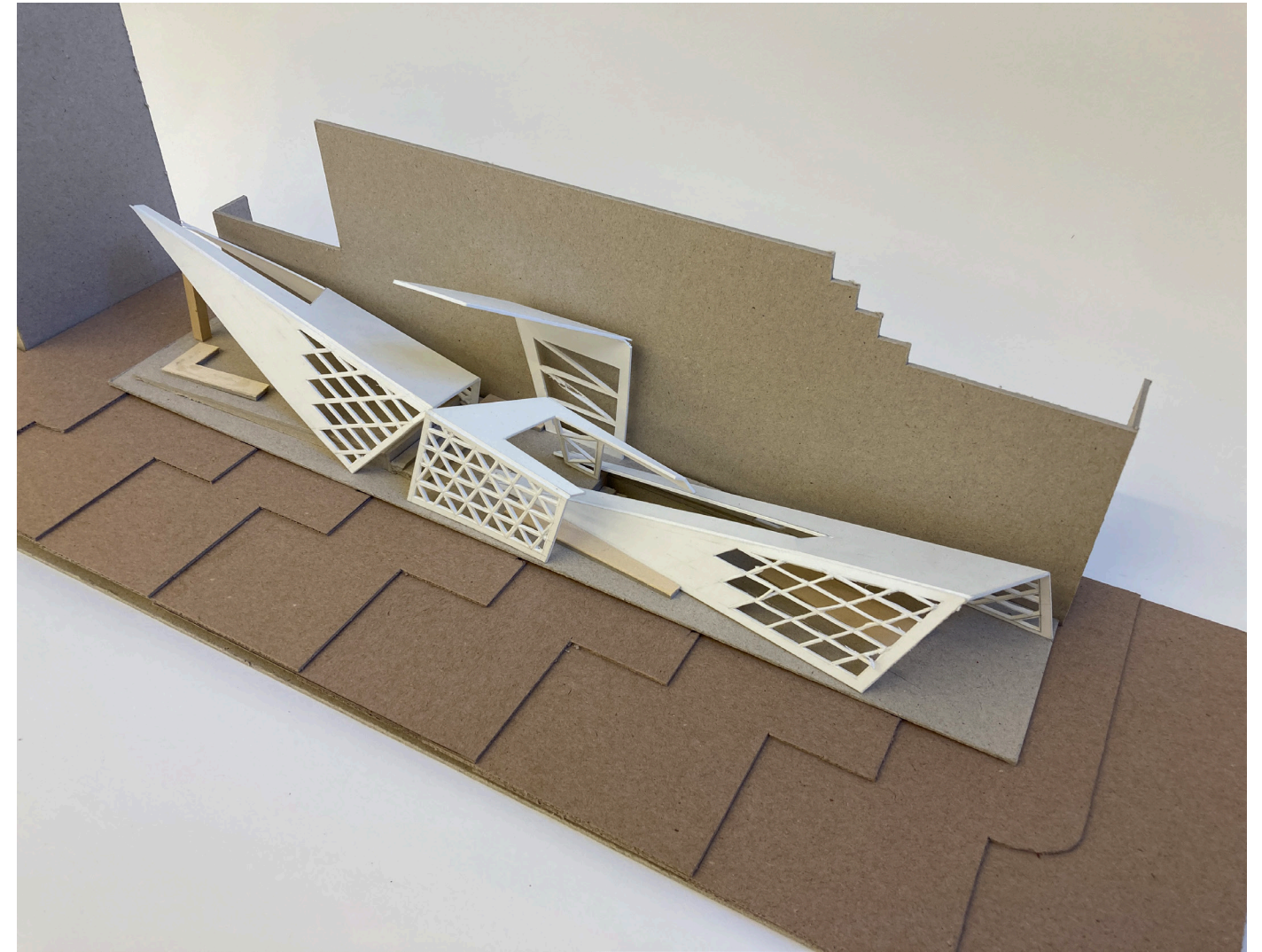


The second design took inspiration from the previous design and added dynamism. The major concept plays with the tension between the ground plane, the slope, and the roof planes, intersecting them together to create a fluid and dynamic public and simultaneously private space for visitors.



The strong forms of the shade structures double as surfaces to walk atop and bold expressions of sculptural form that accentuate the natural slope of the given site location along Morro St.

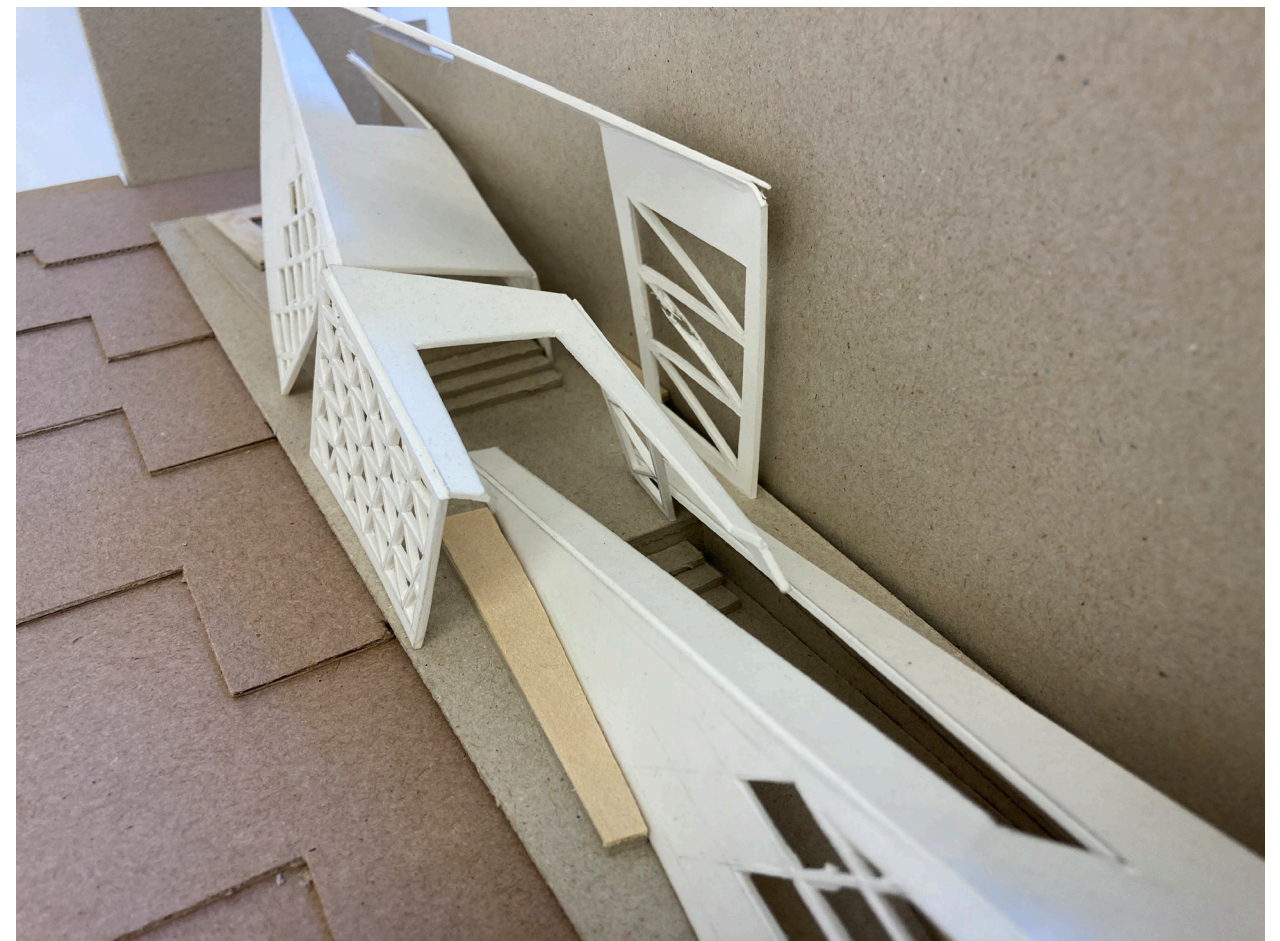
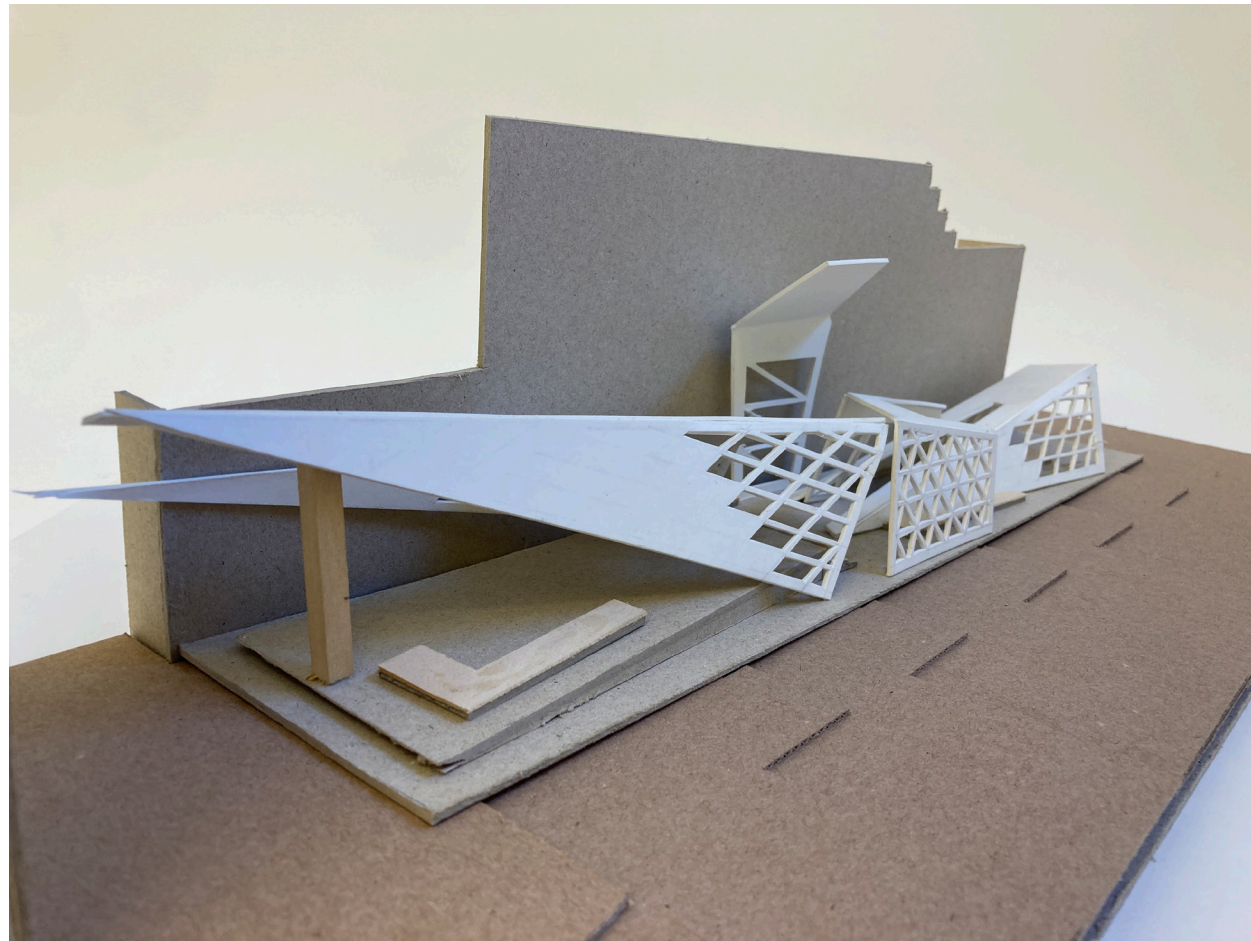




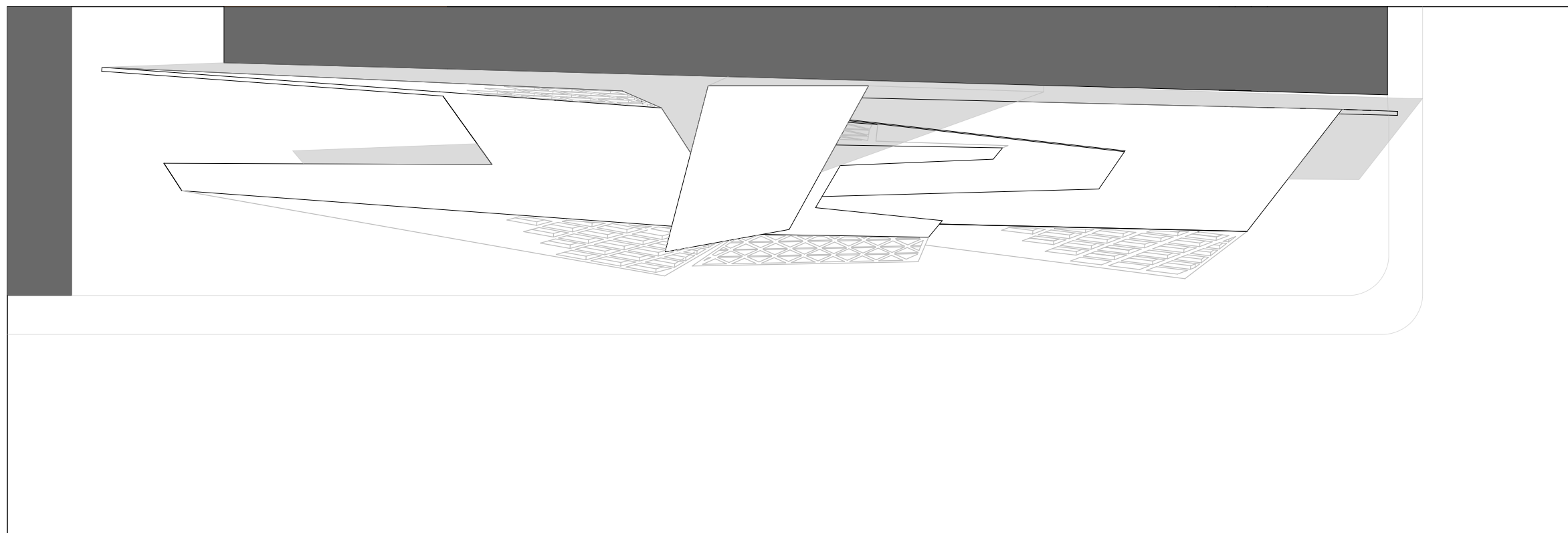
The third design brought the concepts presented in the second model and completed them while containing a more dynamic expression of form.

Just as before the structure is composed of angled perforated planes and panels that create a semipermeable indoor/outdoor environment in an intriguing 3-dimensional environment of excavated, elevated, and rooftop walking and sitting areas that respond to the slope of the site.

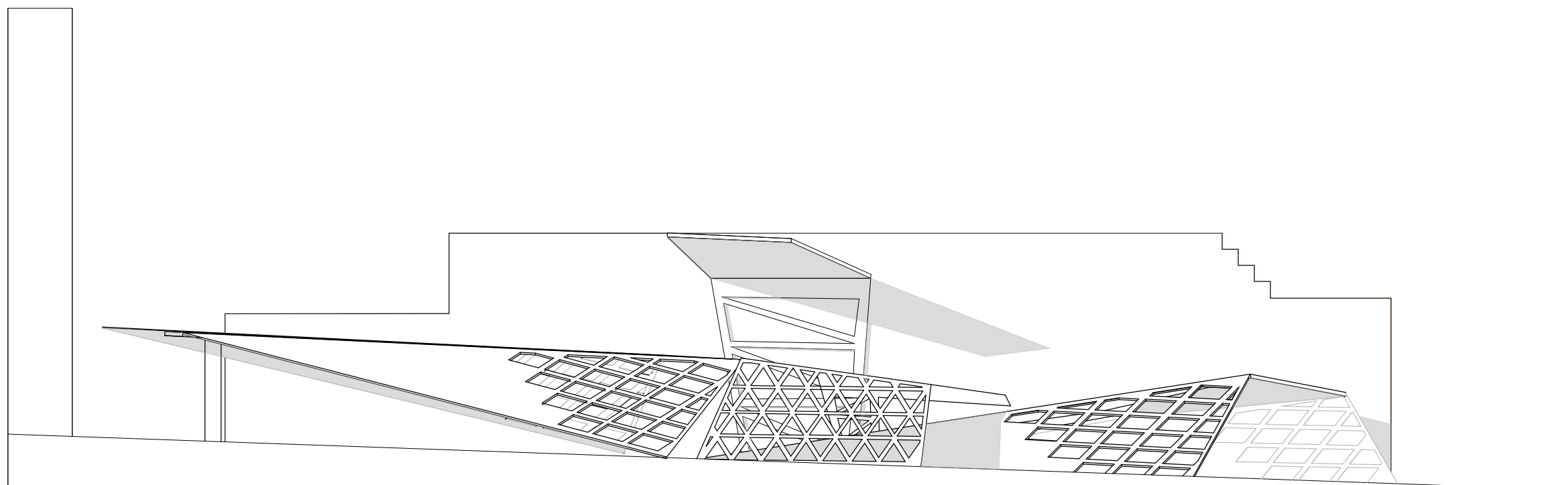
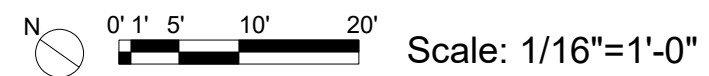








Plan View, Morro & Monterey St.



SW Elevation, Morro & Monterey St.





# Reflections.

Project two expanded the scope of studio, allowing us to take the information gathered by the previous project and applying it to the development of design concepts that engage the question of what habitable, functional, and engaging public edgespaces actually are.

The constraints to work primarily through physical modelmaking challenged my 3D visualization skills and my craftsmanship without the aid of CAD or computer controlled manufacturing equipment like 3D-printers, laser cutters, and cnc mills.

Developing the edgespace also set the table for the following project located on the same site with the same conditions. The sense gained working on the site for project 2 made the creative process for project 3 richer and more successful.





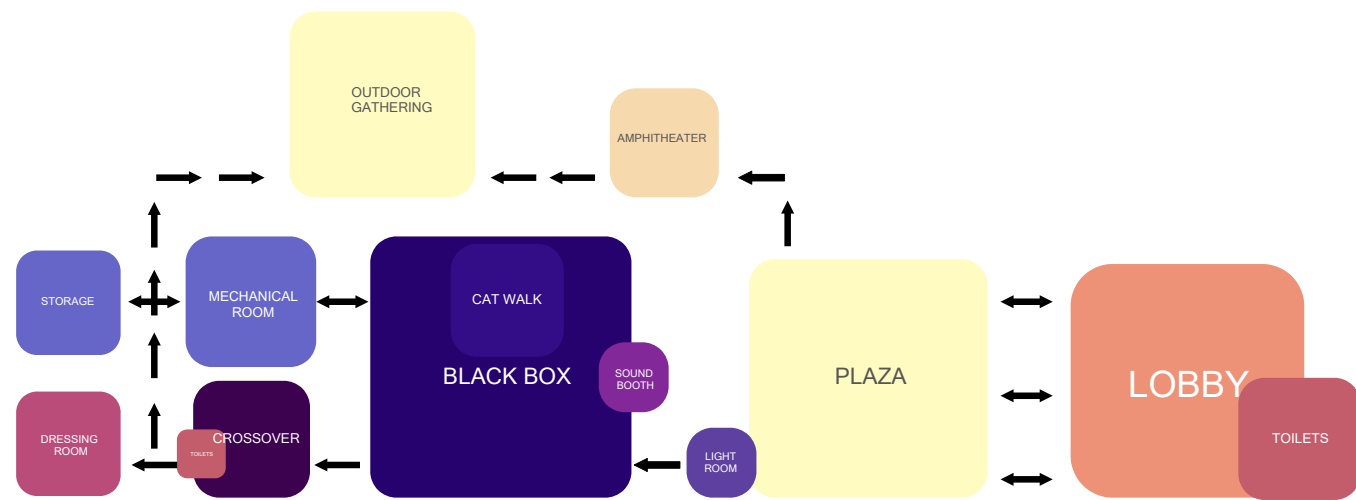
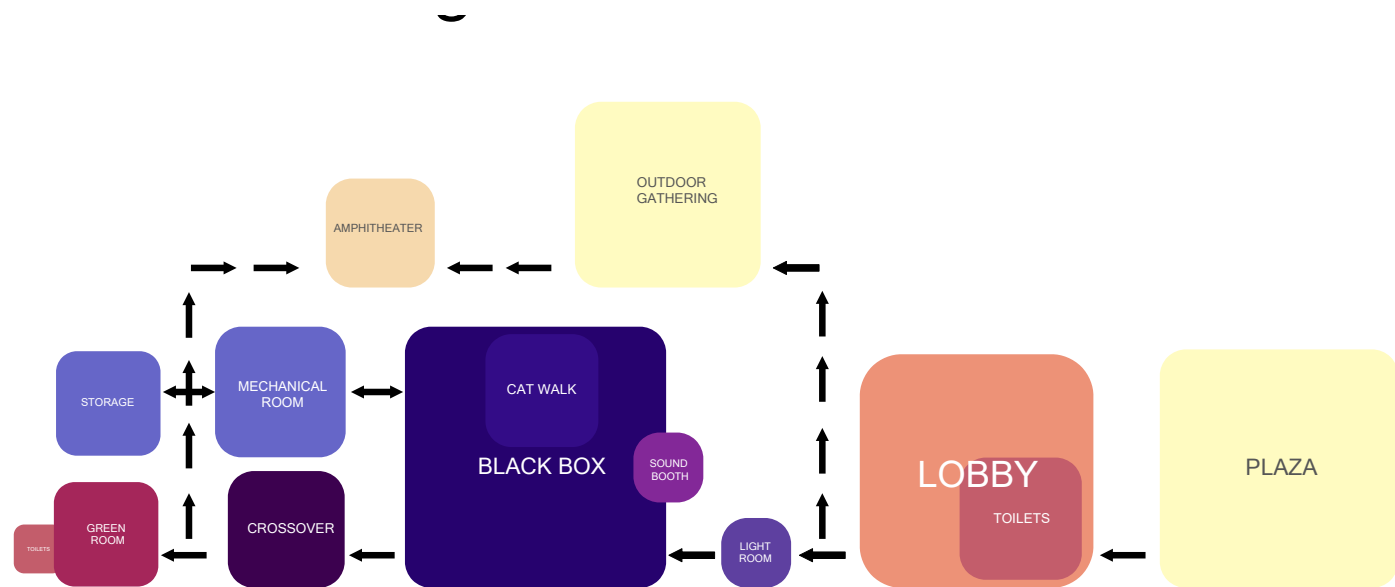
The background of the page is a complex, abstract geometric drawing composed of numerous thin black lines. These lines intersect to form a variety of shapes, including triangles, quadrilaterals, and irregular polygons. Some lines are parallel, while others are perpendicular or at various angles, creating a sense of depth and movement. The overall effect is that of a technical or architectural sketch, possibly representing a structural framework or a site plan. The lines are distributed across the entire page, with some areas being more densely packed than others.

# Project 3

## SLO Performing Arts Center

The San Luis Obispo Performing Center, also known as SLOPAC was the culmination of the work done in previous projects. It challenged the designers to rethink program and its meaning in the context of the site and the functionality of the project. The commission was to design a 1600 sf. black-box theater with community benefits and open publically accessible plaza space.



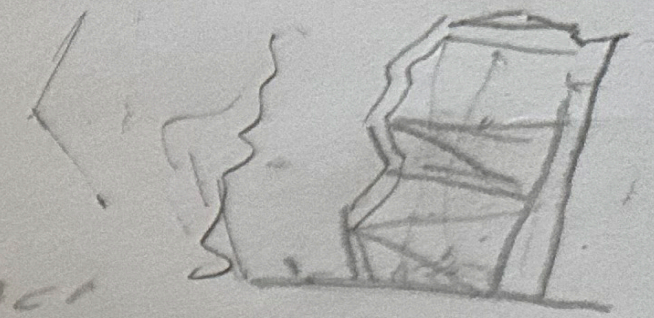


|                  |                  |        |
|------------------|------------------|--------|
| Black Box        | _____            | 1600sf |
| Lobby            | _____            | 500sf  |
| Plaza            | _____            | 1500sf |
| Crossover        | <b>S P</b> _____ | 320sf  |
| Green Rooms      | <b>A C</b> _____ | 400sf  |
| Storage          | <b>E</b> _____   | 400sf  |
| Restrooms        | <b>P R</b> _____ | 350sf  |
| Light/Sound Lock | <b>0 -</b> _____ | 90sf   |
| Dressing Rooms   | <b>G R</b> _____ | 400sf  |
| Catwalk          | <b>A M</b> _____ | 300sf  |
| Mechanical Room  | _____            | 400sf  |
| Box Office       | _____            | 120sf  |
| Sound Booth      | _____            | 90sf   |



# Elevation Concept

Performing arts center



Hvac  
behind backdrp

Roof top amphitheater  
atop Black Box

Perforated  
facade on steel  
Exoskeleton

load  
carried  
by inter  
columns

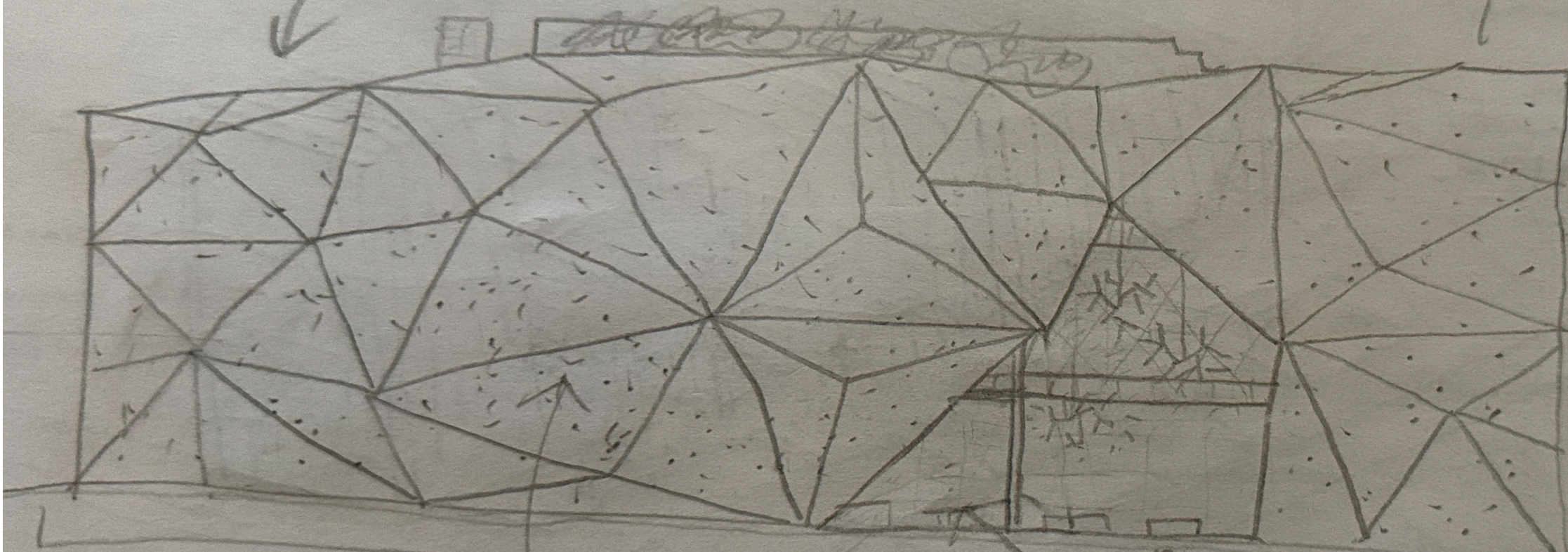
38'

15'

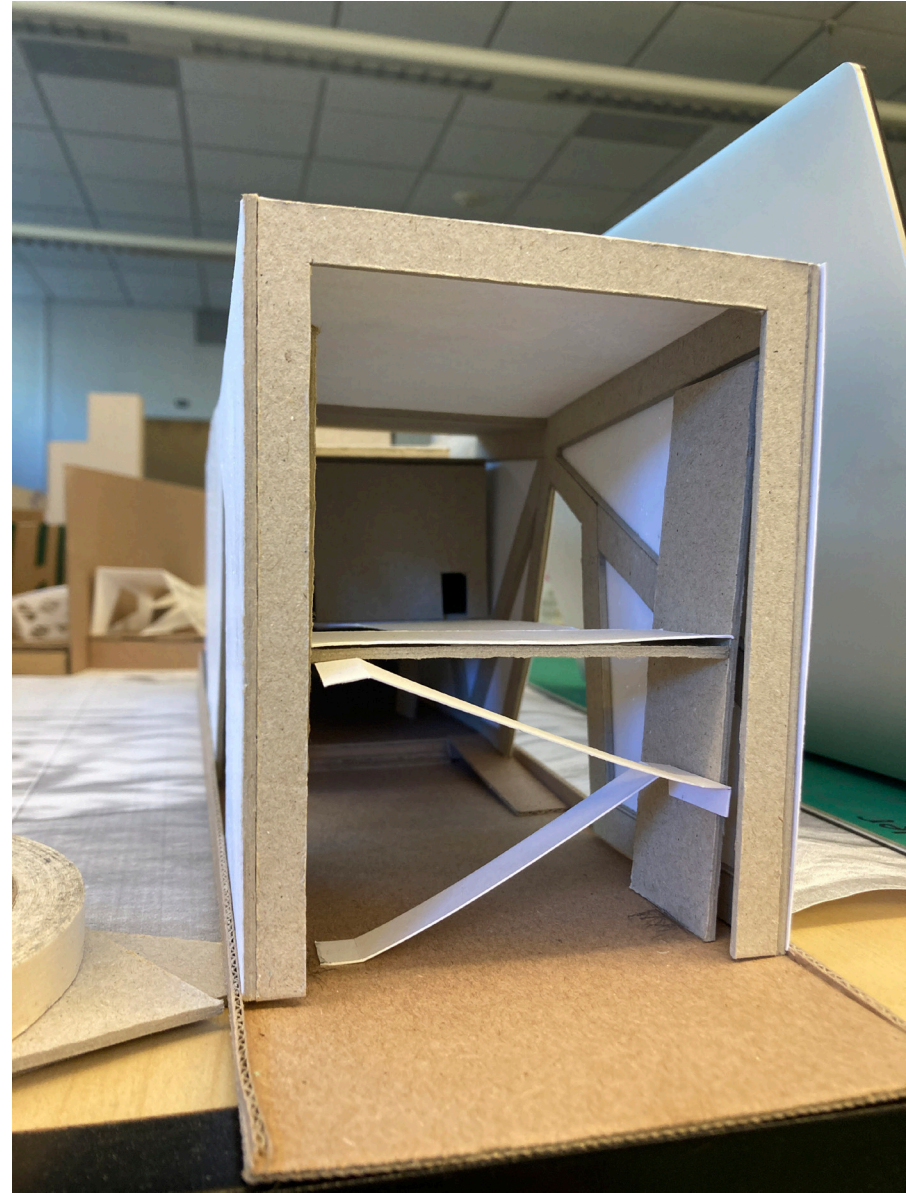
plaza

Black Box interior  
retail/extension

lobby/Elevator/stairs







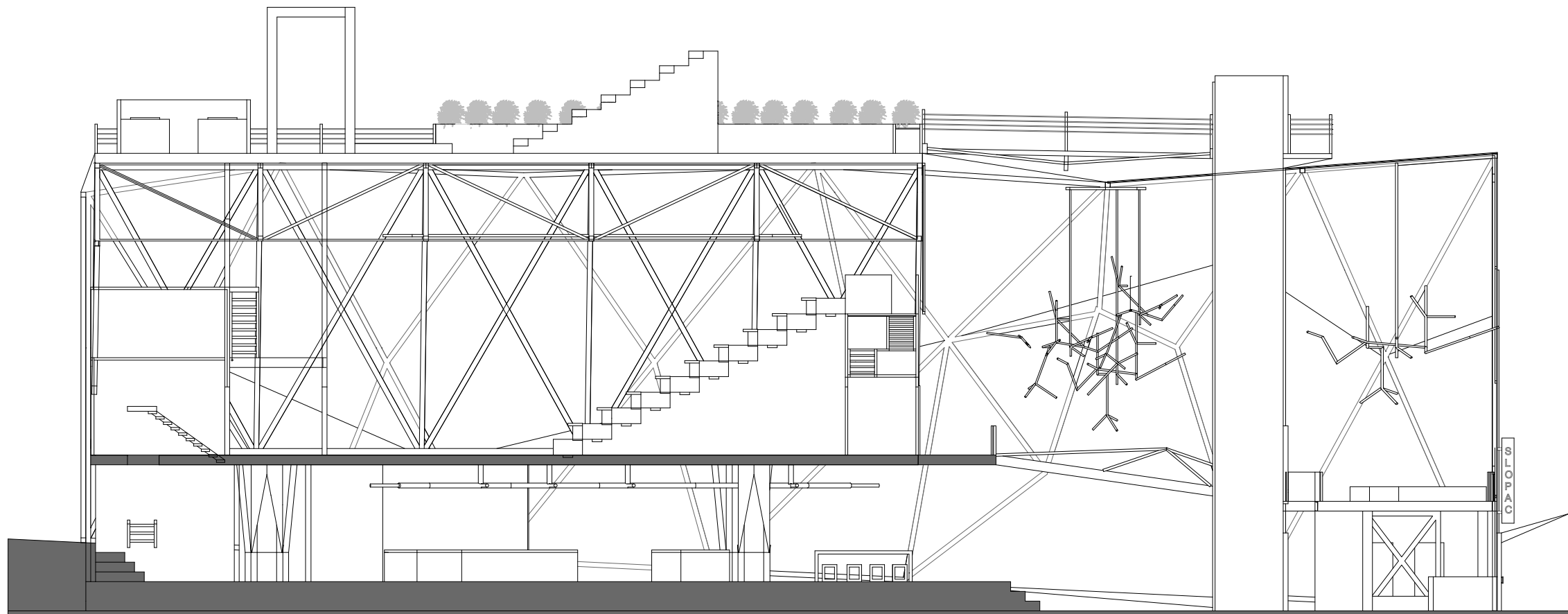
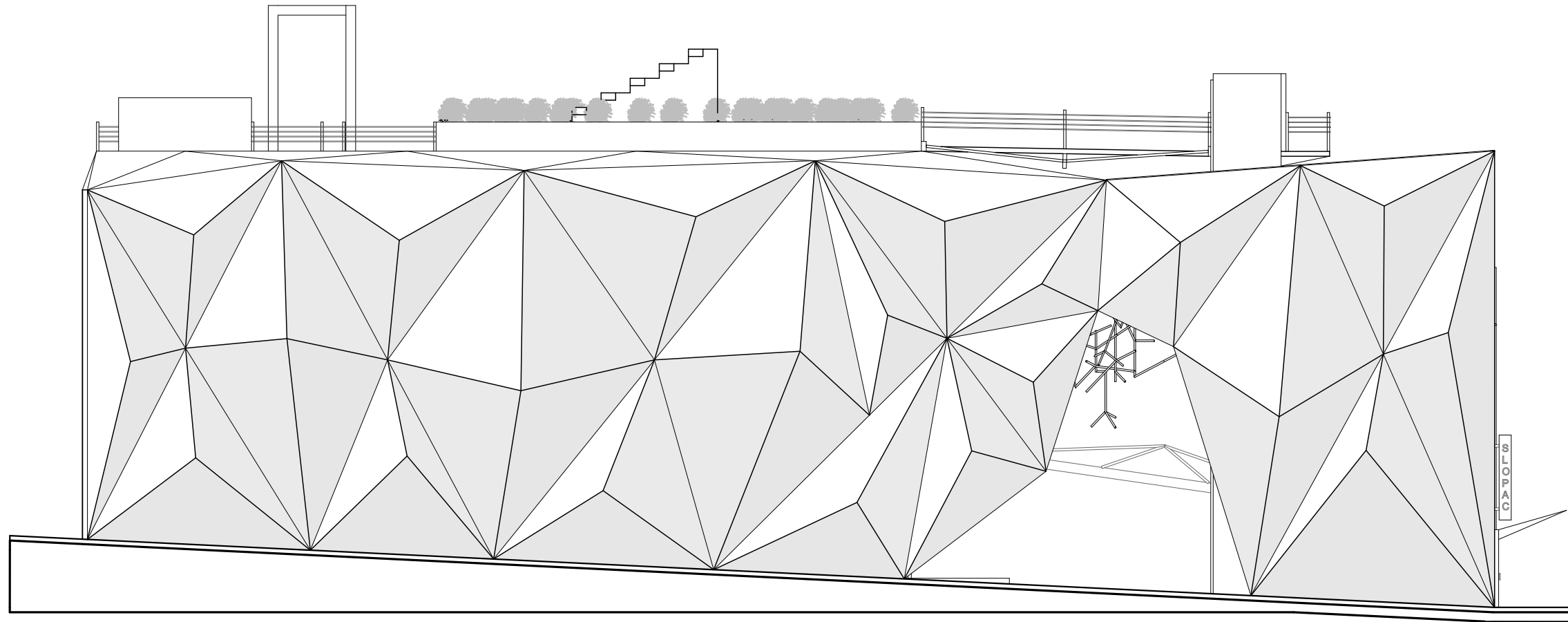
Both freehand sketching and physical modelmaking were utilized in the creation process of the final design, which encapsulated the lessons learned and the concepts utilized in the previous projects and prototypes. This included indoor/outdoor space, perforated planes, and bold visual forms that respond to the site.



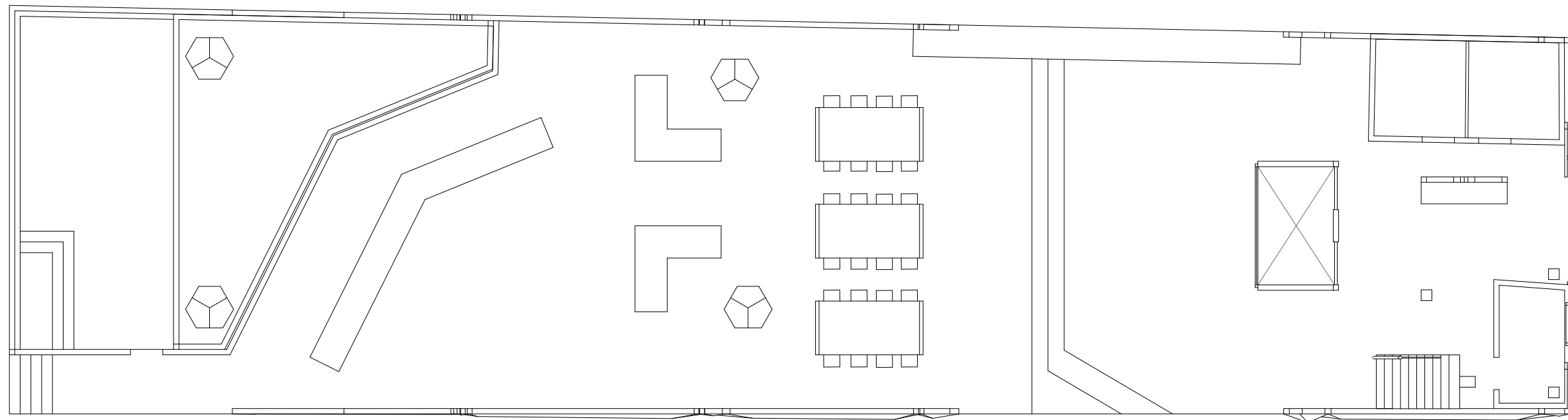
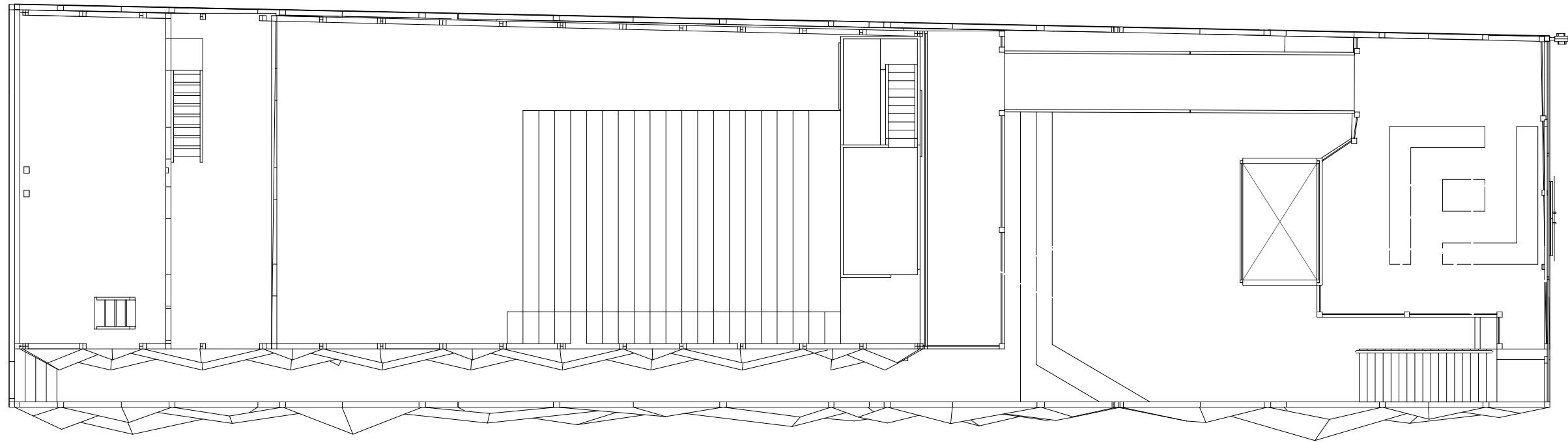
# SLOPAC



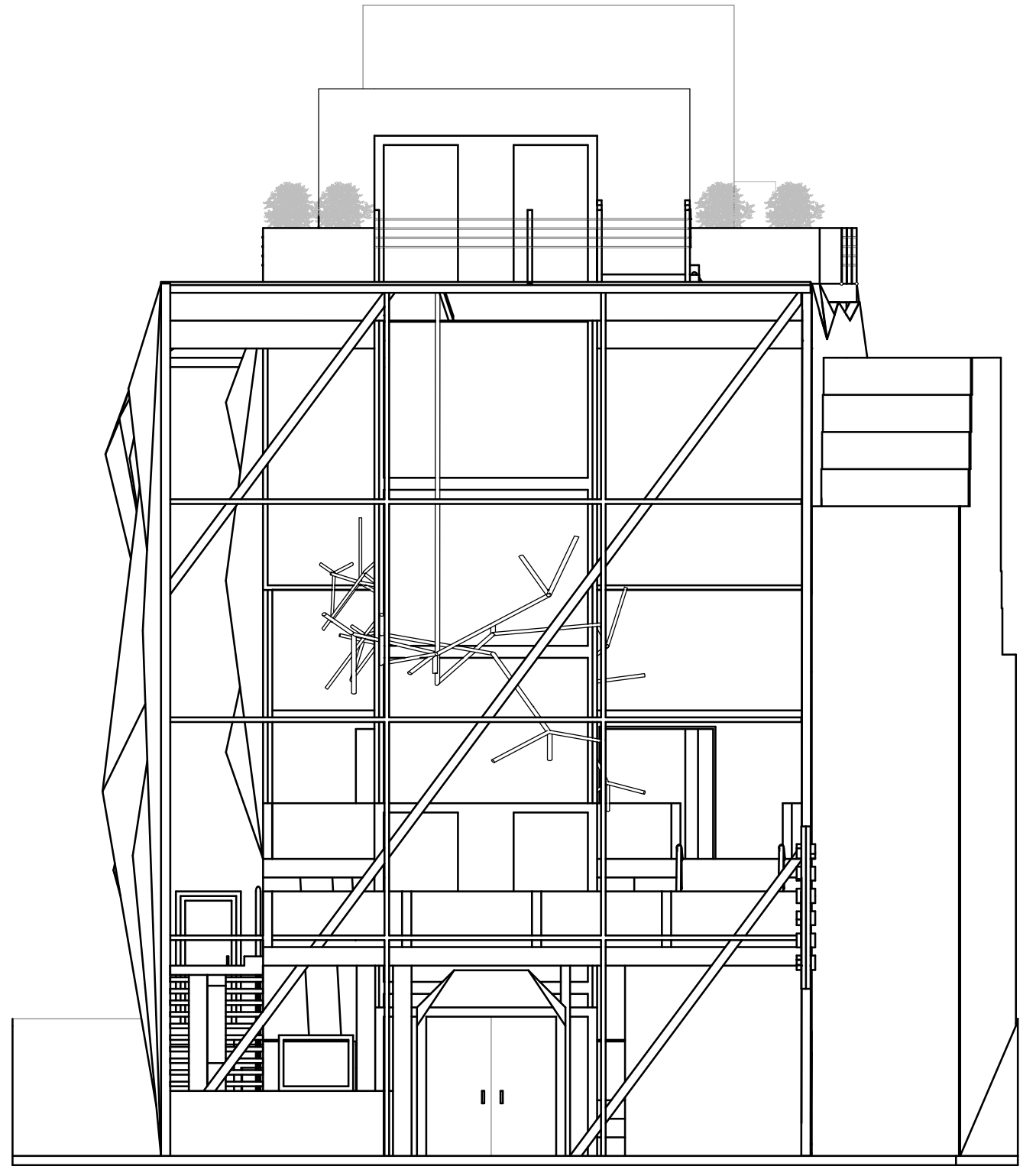
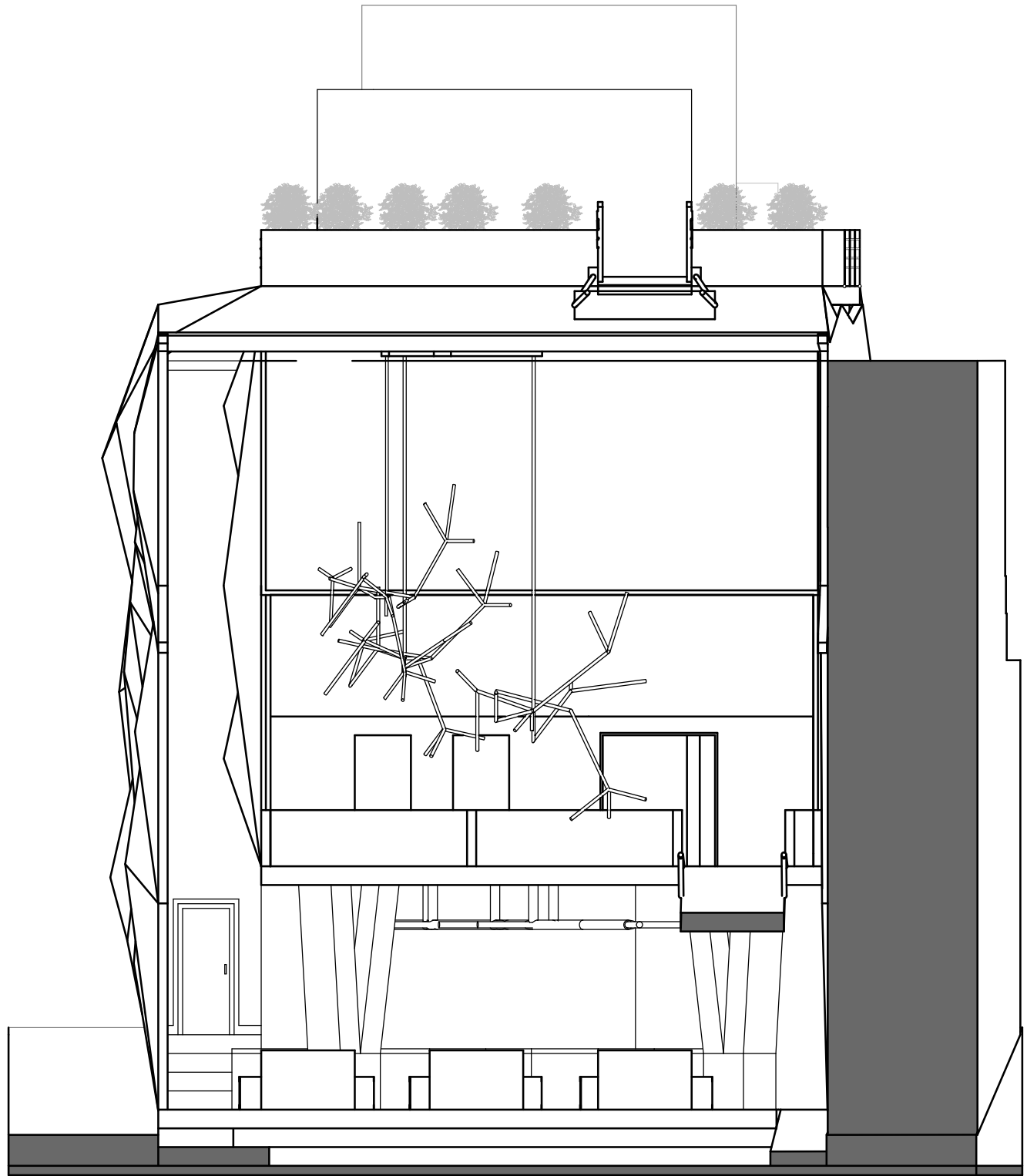








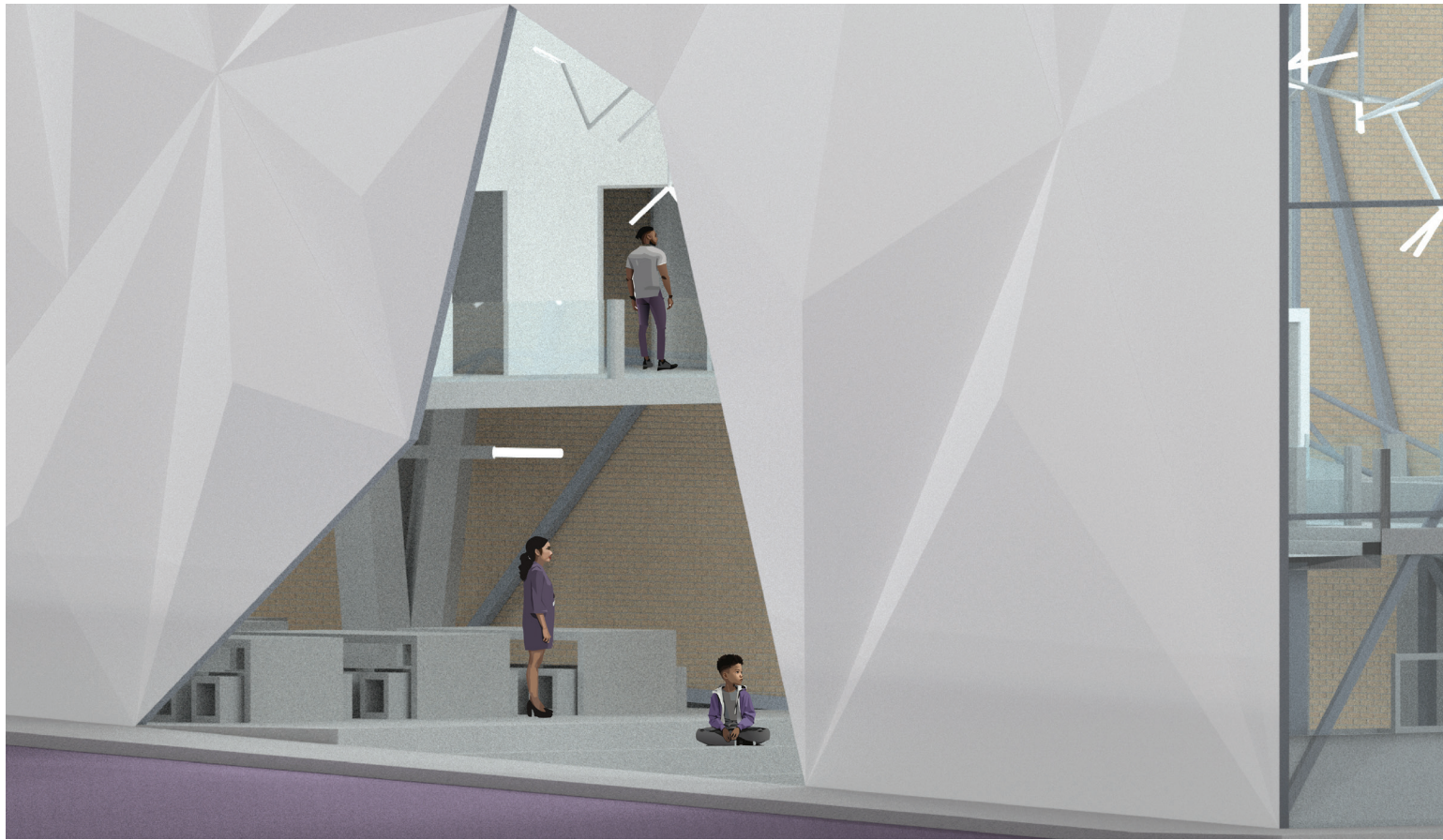




ARCH 251, MONTEREY ST ELEVATION + SECTION

0' 1' 3' 5' 10' SCALE 1/8"=1'-0"  
Ian Spangler, Studio Cassil Fall 2023





**SLOPAC**  
EXPLODED VIEW

ARCH 251  
STUDIO CASSIL  
2023

FACADE

OUTDOOR VENUE

BLACK BOX

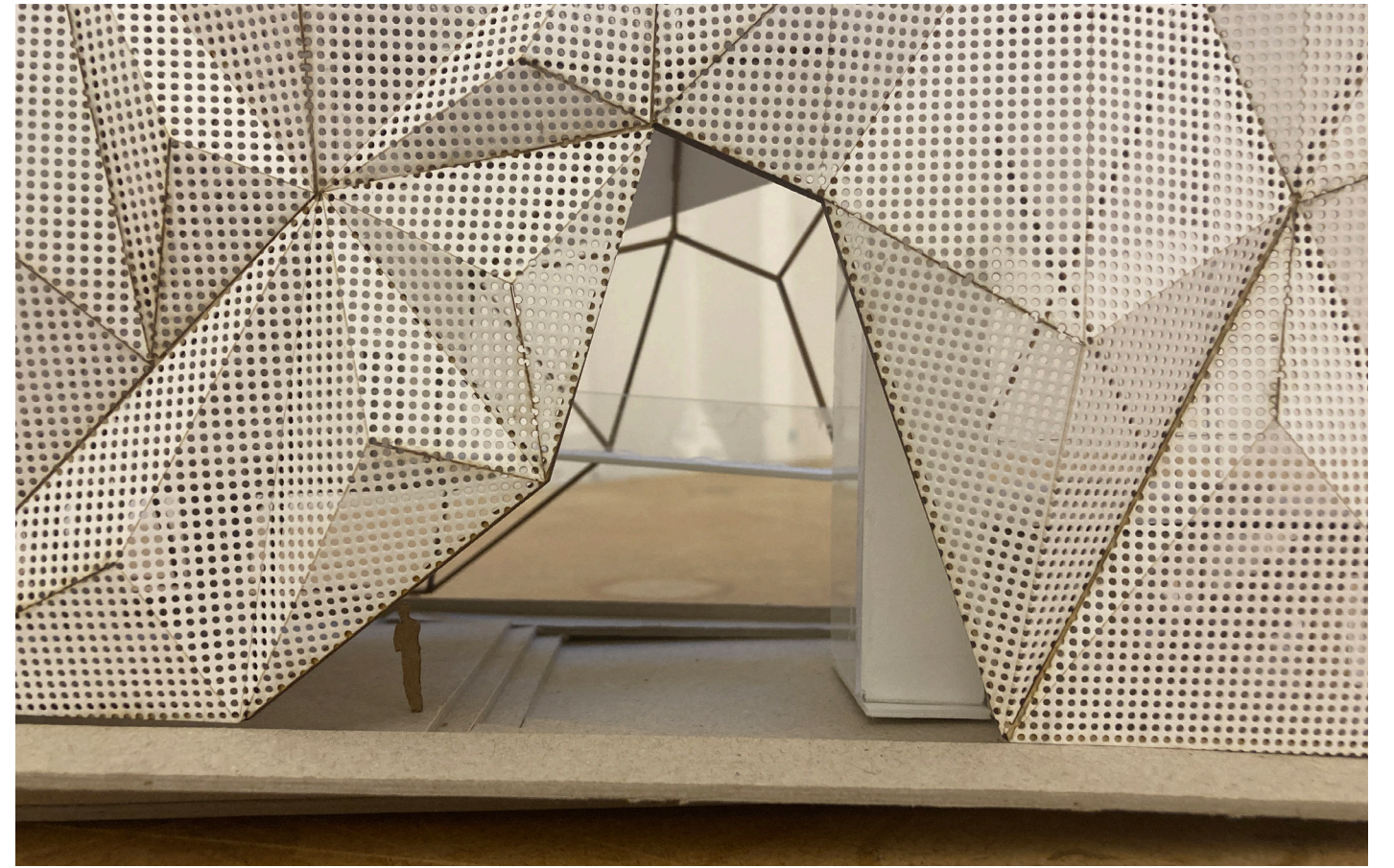
LOBBY

PUBLIC MARKET

ATRIUM

**3 LEVELS - MULTIPURPOSE - VISUALLY STRIKING**  
San Luis Obispo's Groundbreaking Showcase of Local Art+Culture+Cuisine

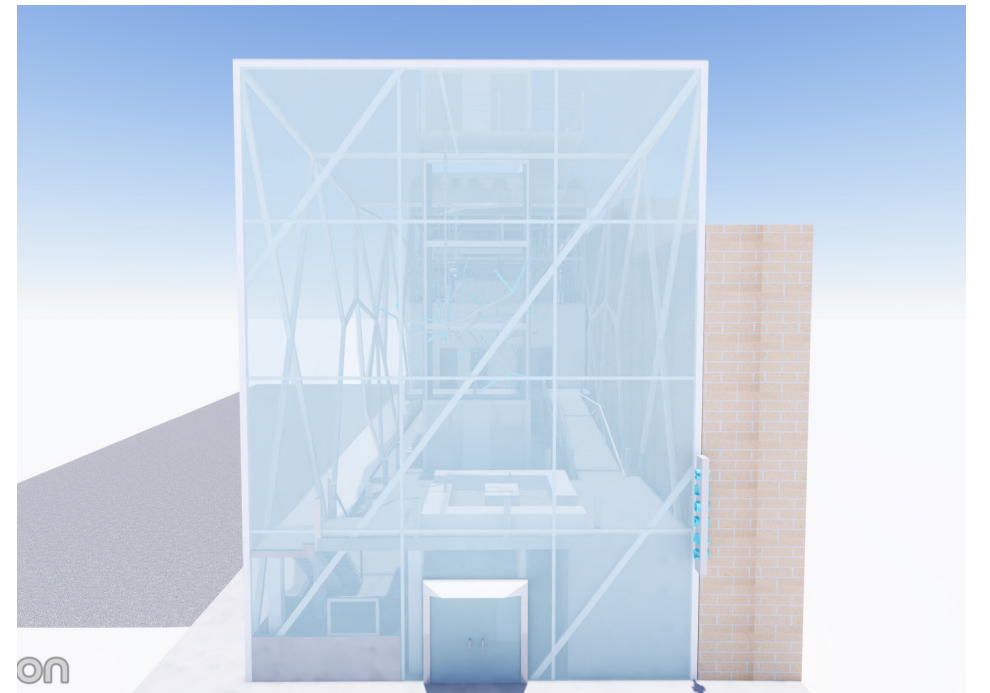
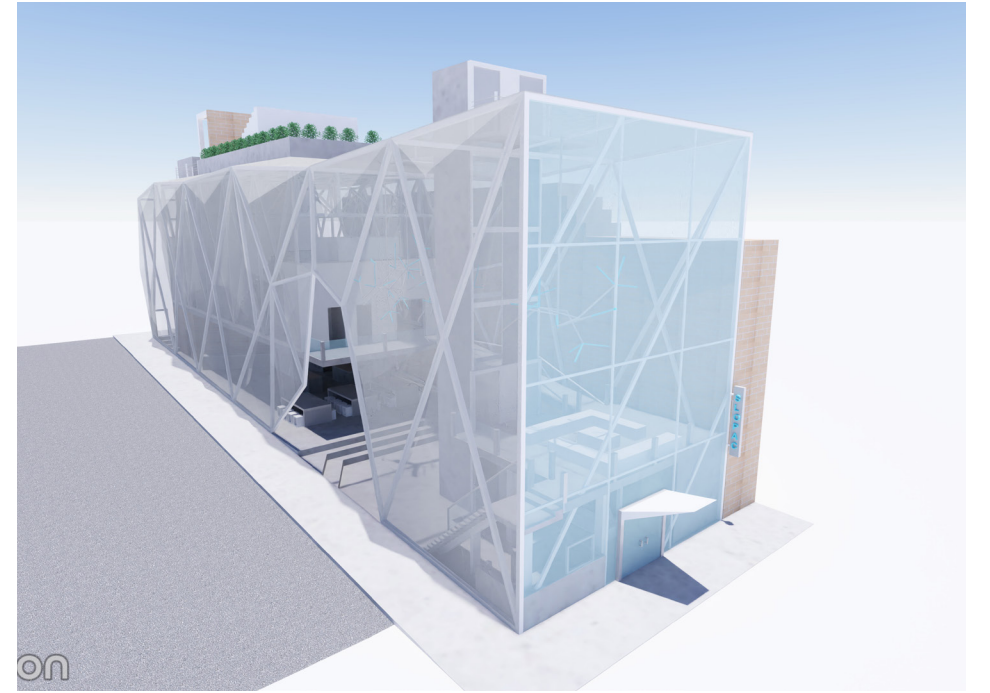
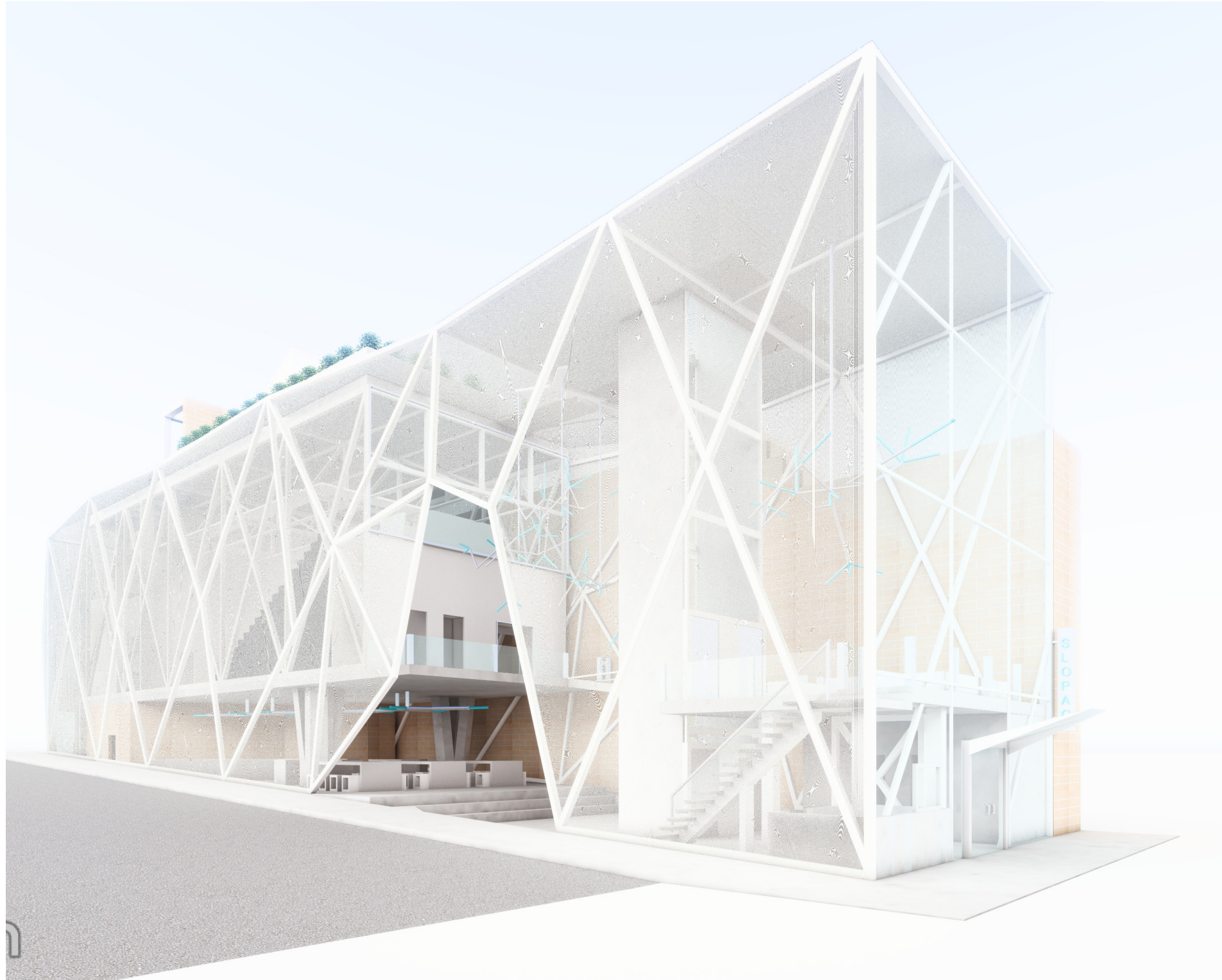














# Reflections.

Project One Three was the culmination of all the work previously completed throughout the quarter, and it was by far the most rewarding.

Getting to think about the spatial constraints, the program, circulation, and function in a realistic project on the scale of a performing arts center was highly enjoyable and taxing in the best possible manner. I even managed to create a video that cannot be shown here of the extensive 3D model of SLOPAC.

I learned a lot and grew considerably throughout fall quarter of design studio and I plan on taking the lessons learned and using them to continue my progress as a designer.

