

# Architecture PORTFOLIO



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**ZAIVION HAMPDEN**

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# Curriculum Vitae

Currently in my third year studying Architecture Design and Urban Studies, I discovered my interest in Architecture through exploration of college programs. As an avid potter, I try to apply my design skills and foundations to those of houses and other structures. The past two and a half years have opened a new world to me, and I am determined to continue cultivating my abilities within the discipline. Currently, I plan to pursue my degree for a semester overseas in Copenhagen, gaining international experience that will strengthen and diversify my skills.

## Education

Brown University / *B.A. Architecture, B.A. Urban Studies*  
September 2023 - Present  
Relevant Coursework: Structural & Architectural Analysis, Downtown Development, Architectural Design Studio, Adaptive Re-Use In Europe

## Experience

HGXDesign LLC / *Summer Intern*  
June 2025 - August 2025  
Collaborated with Senior Associates on the redesign and visualization of client spaces, contributing to schematic and design development phases. Constructed detailed digital models to communicate spatial intent and design clarity. Supported design operations by translating plans into different software for presentation.

NYPD Community Affairs Bureau / *College Intern*  
July 2024 - August 2024  
Successfully organized and maintained detailed officer schedules, ensuring optimal time management and prioritization of responsibilities. Coordinated, recorded, and monitored outreach events, meetings, and related organizational activities to facilitate seamless communication and engagement.

Brown University Pottery Club / *Vice President*  
January 2024 - Present  
Oversee the leadership of the university's first ceramics club, fostering creativity and community. Secured \$12.5K of funding from Brown Arts Institute to help support the club's efforts. Coordinate with outside ceramic studios to secure space and resources for the club's activities. Spearhead marketing efforts to promote the club and attract members from the student body.

## Skills

Rhino3D / Grasshopper	Adobe Creative Suite	Microsoft Suite
Blender	Archicad	

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My portfolio is a combination of school coursework, internship tasks, and personal interests.

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# IKMZ BTU, Analysis

The IKMZ BTU, in Cottbus, Germany, is a uniquely shaped building, whose cartoonish 'identity' is only furthered by the used of color throughout the entire building. For this course, I chose this building to analyze both conceptually and structurally, developing my skills of design and enabling me to 'read' buildings better.

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**Course :** HIAA0140 Structural & Architectural Analysis

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**Timeline :** Fall 2025

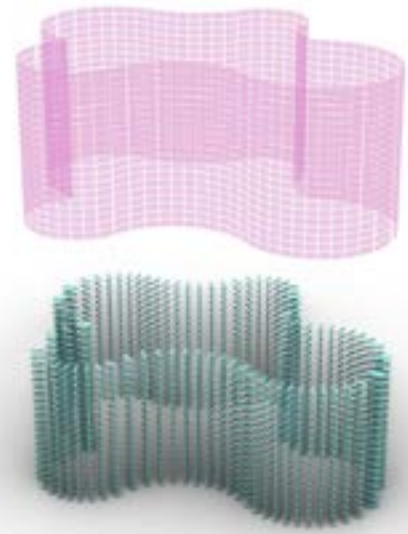
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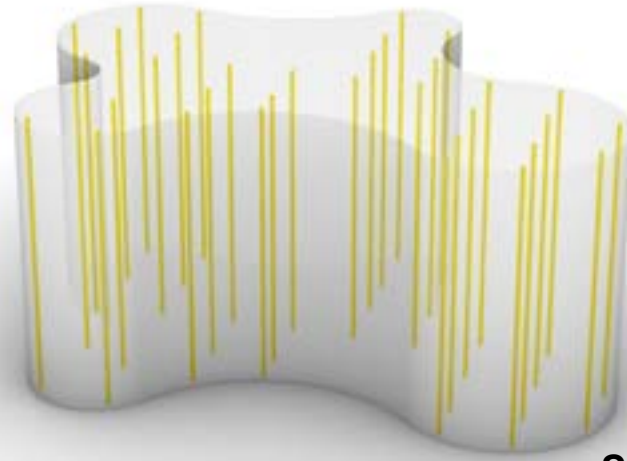


# Diagrams

The first step of analysis was using project information and plan drawings to create a series of diagrams that represent several facets of the building composition.

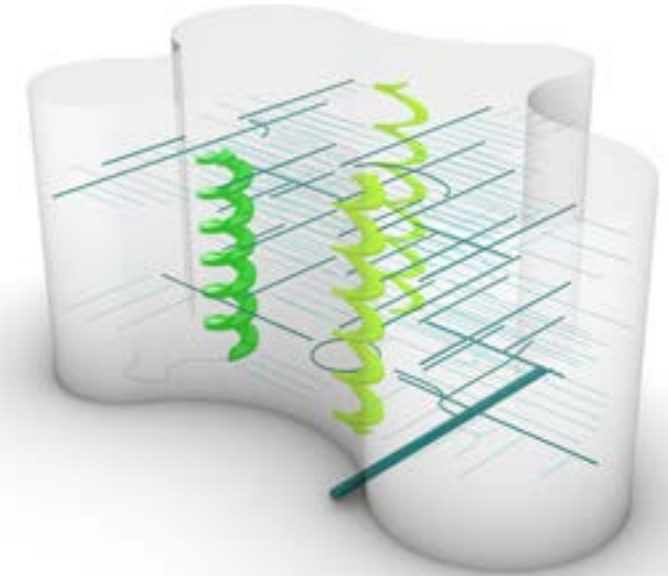


Enclosure



Structure

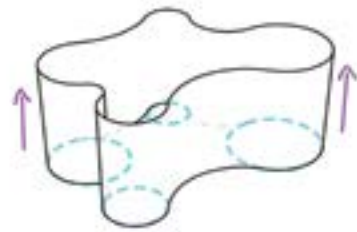
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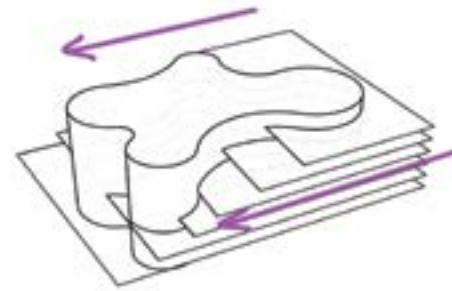
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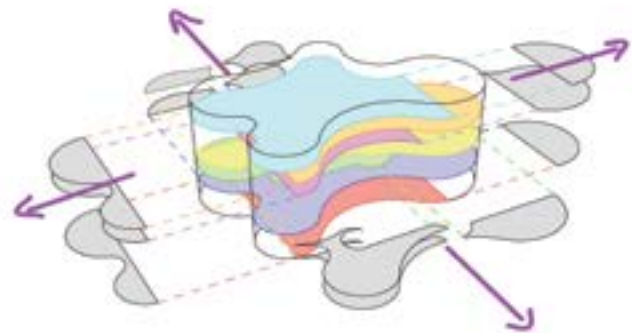
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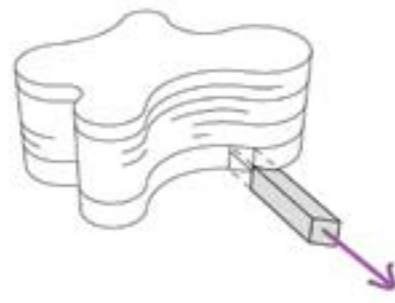
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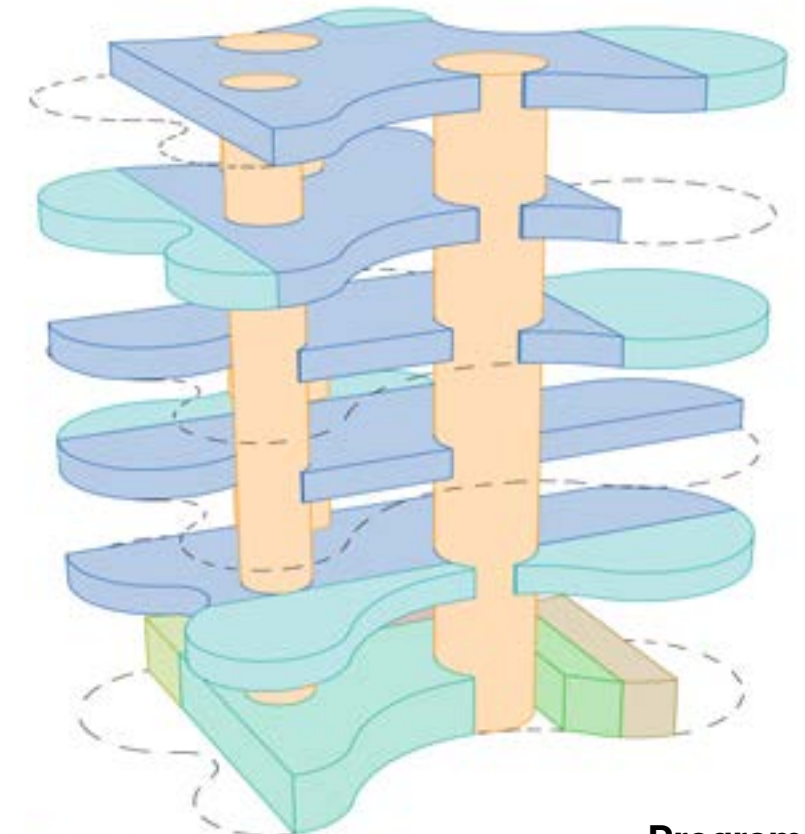
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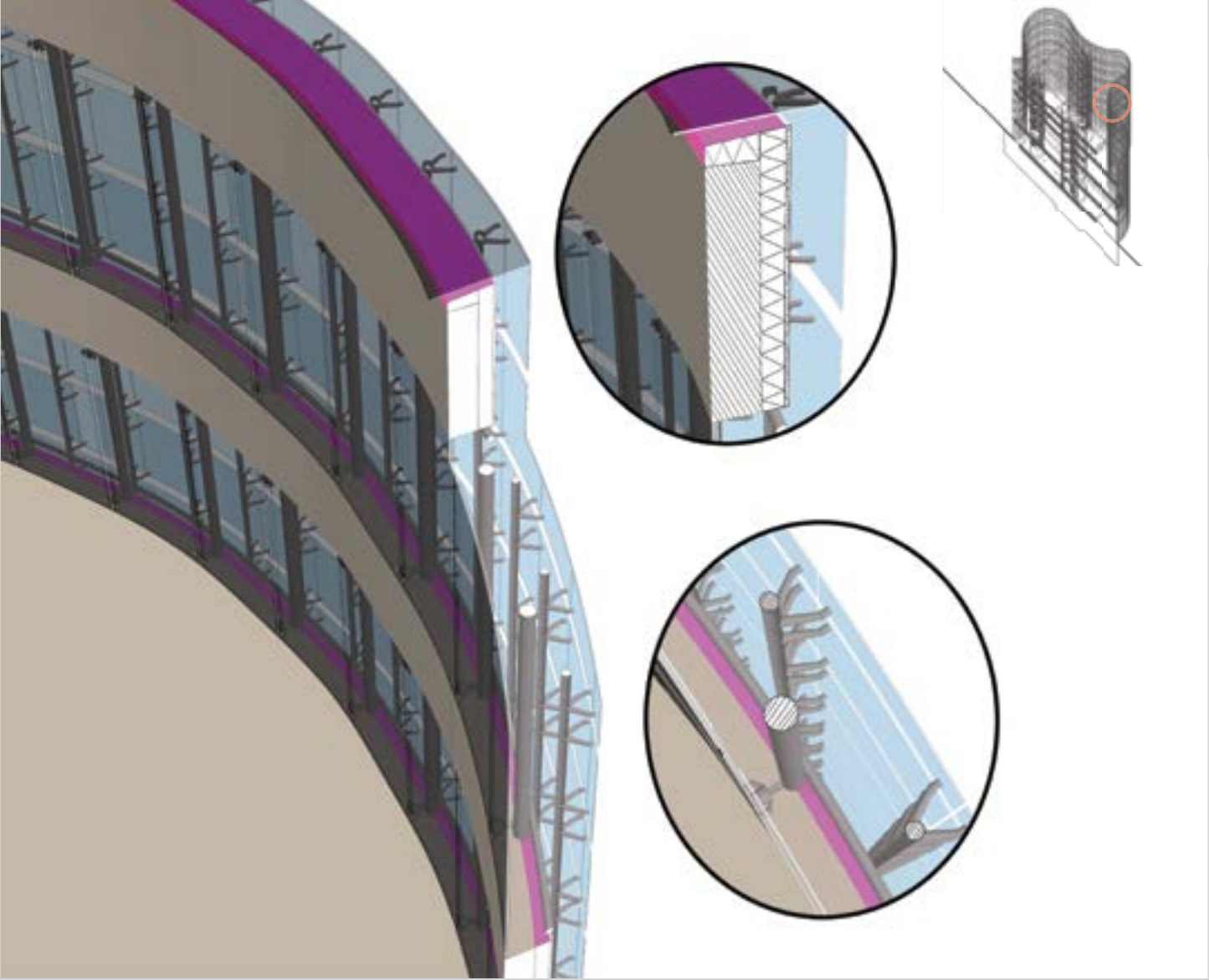
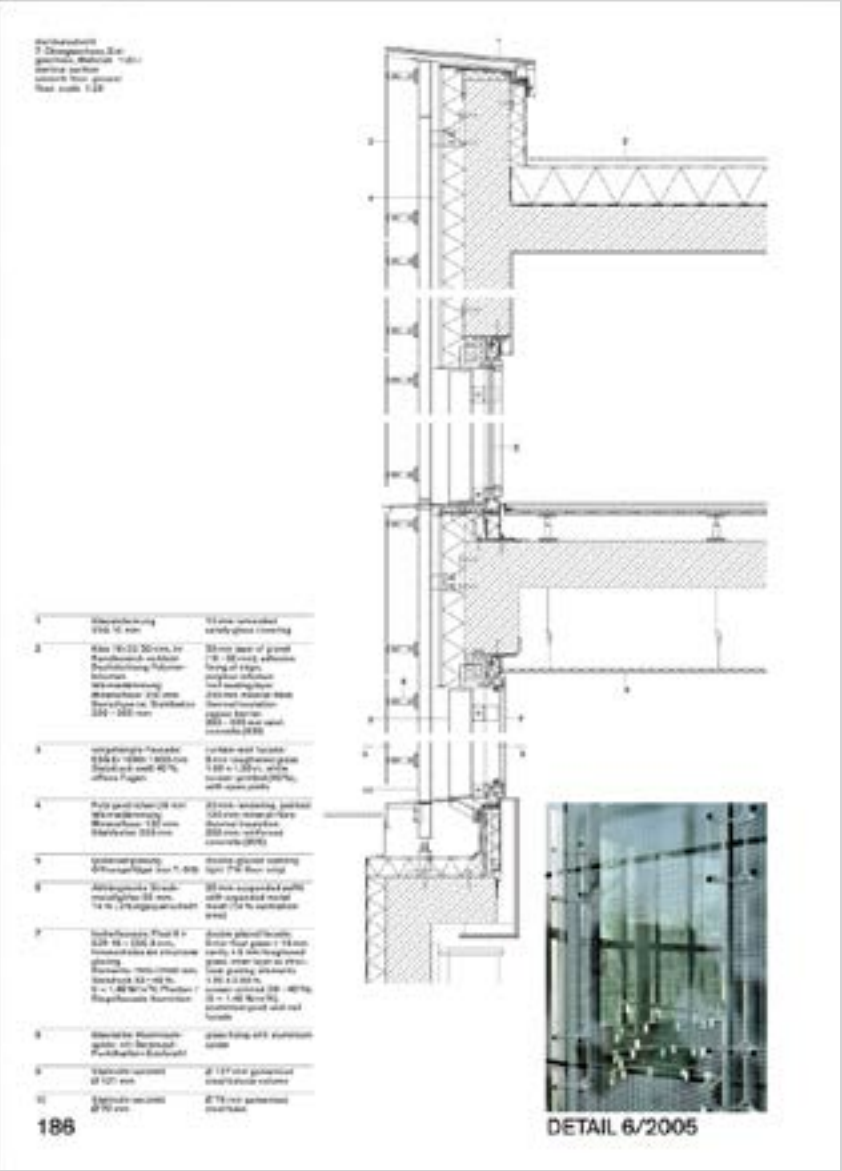
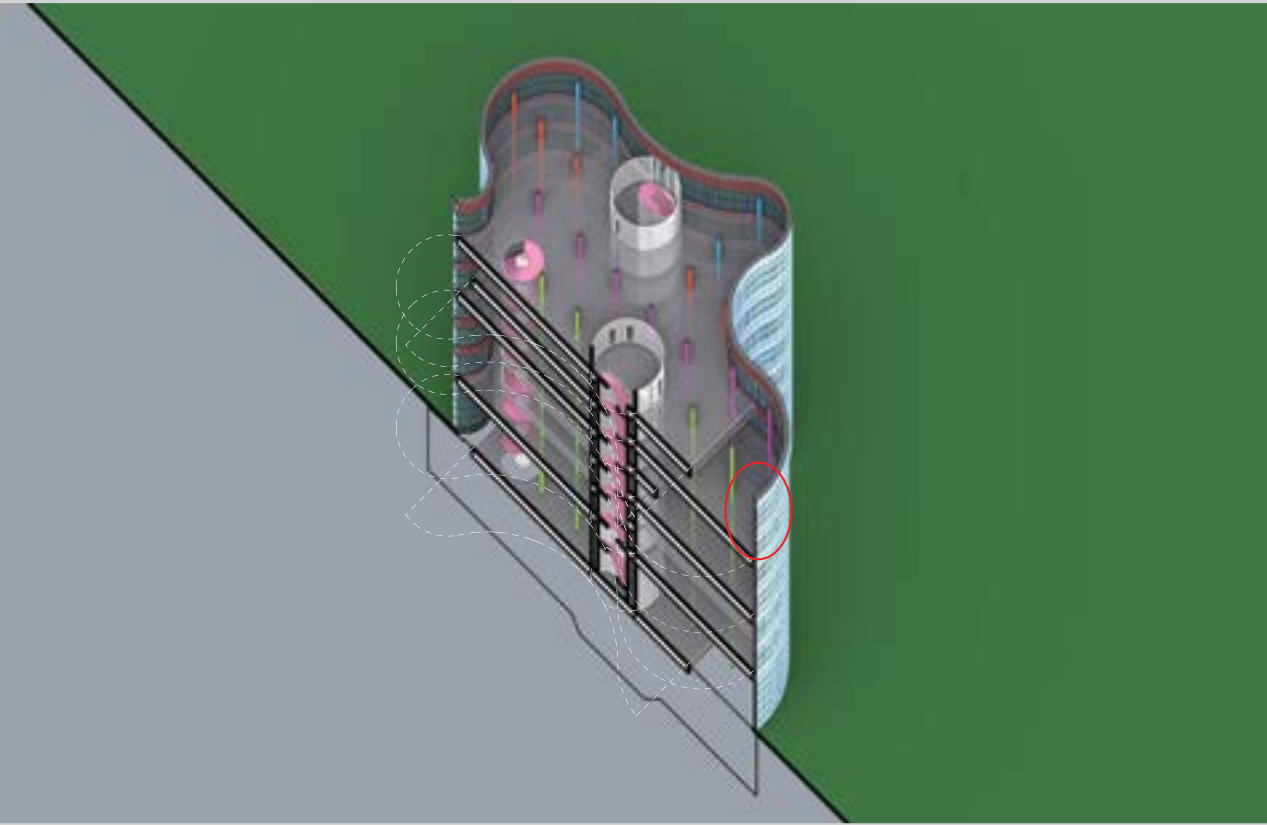
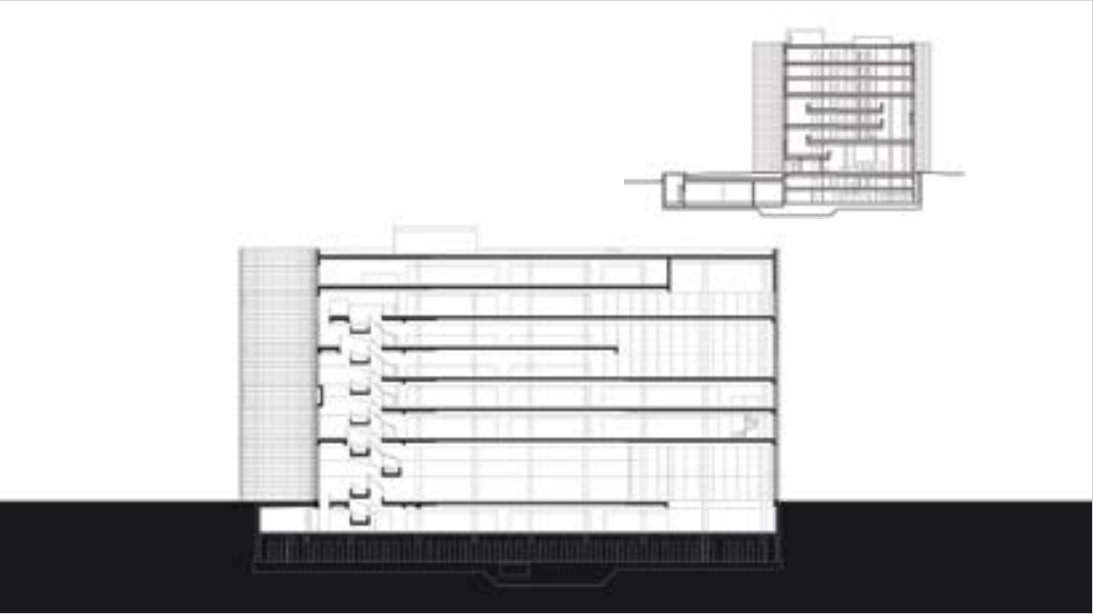
remove



Program

# Sections

Using section and construction detail drawings, I composited two drawings for my building analysis.





# Environmental Center

**Course :** HIAA0150 Intermediate Design Studio

**Timeline :** Spring 2024

In this course, we were tasked with the design of an Environmental Learning Center, complete with educational and research facilities, as well as a nursery of tree saplings on the actual site. The intensive nature of the course strengthened my model-making skills, sharpened my ability to translate conceptual ideas into architectural form, and significantly improved my ability to communicate design intentions clearly and concisely.





# Design Concepts

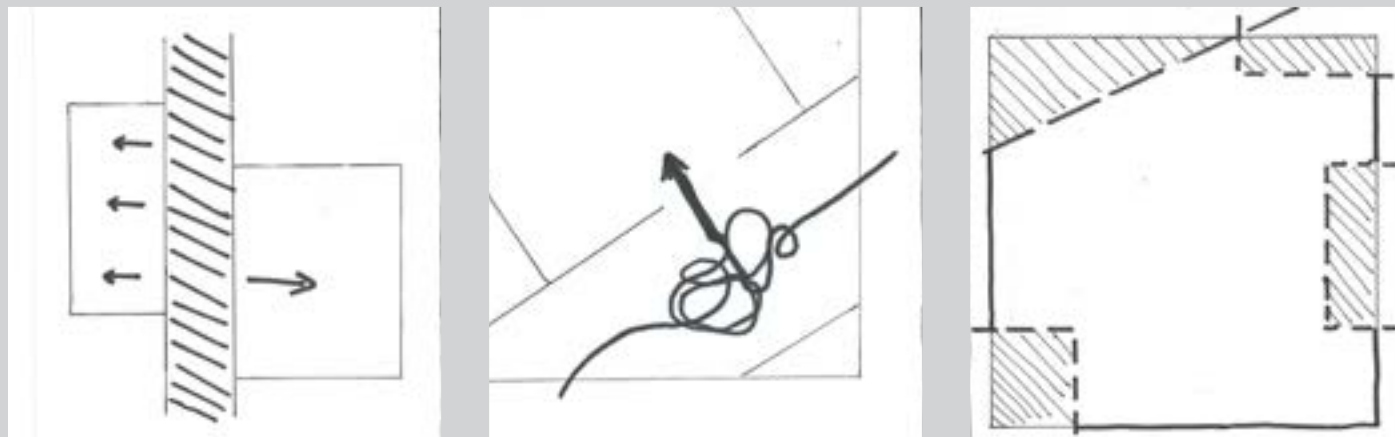
## Preliminary Design Concepts

My site analysis led me to derive three pillars that would inform the rest of the design process: open community engagement, shifting perspective, and central circulation. With this, I created three models acknowledged these concepts, and how they could be employed within the building's design.

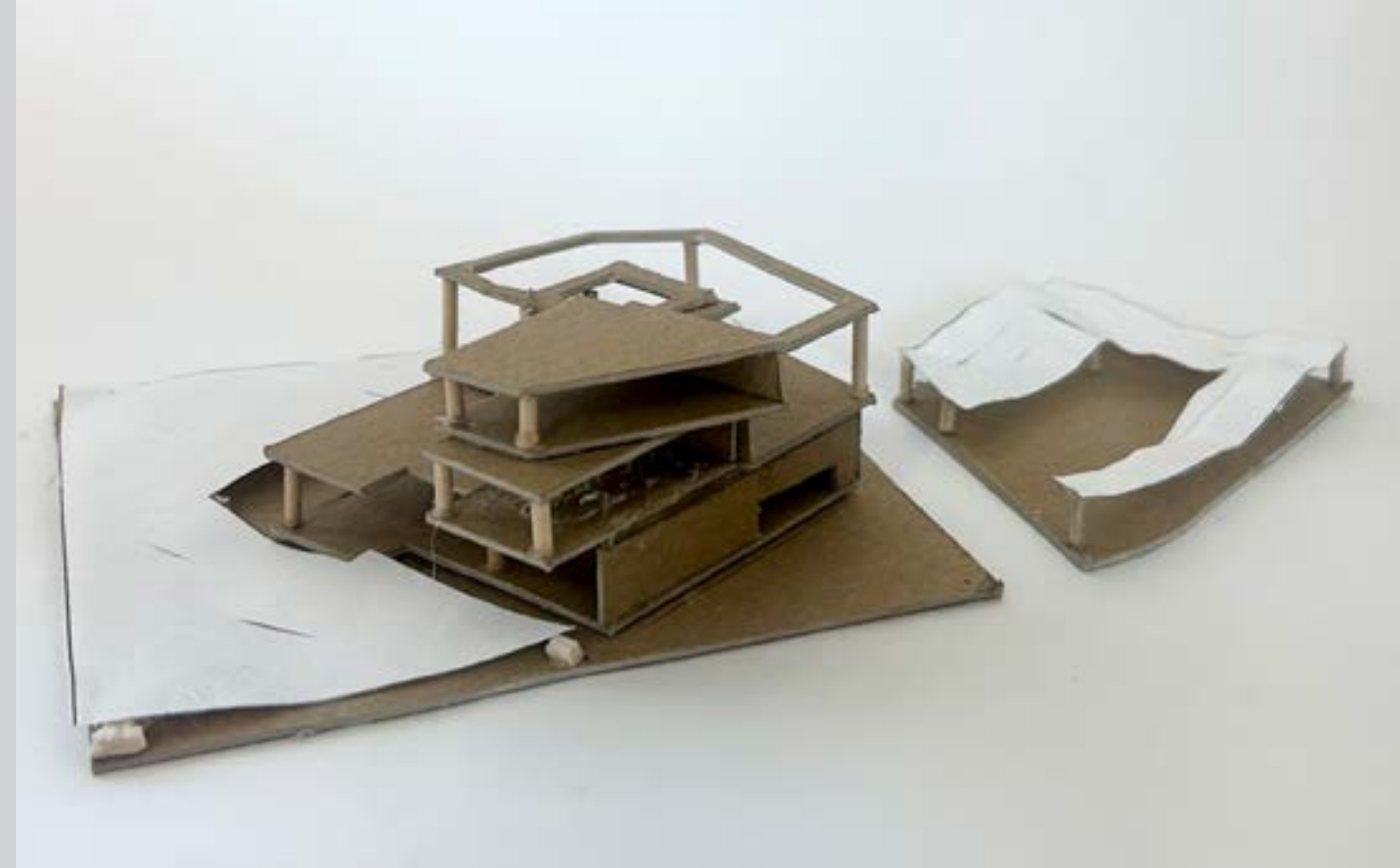


## Final Design Concepts

With a physical understanding of the concepts, I refined my ideas into 3 concrete concept drawings, that would then inform the final design of the Learning Center. The central circulation would be an open, multi-story corridor that bisects the building, splitting the building between education and research. Community engagement would be defined by an open front patio that can be entered from two sides of the site. Finally, dissecting and removing different parts of the building would allow for shifting perspectives within the building, as no two views would be the same.



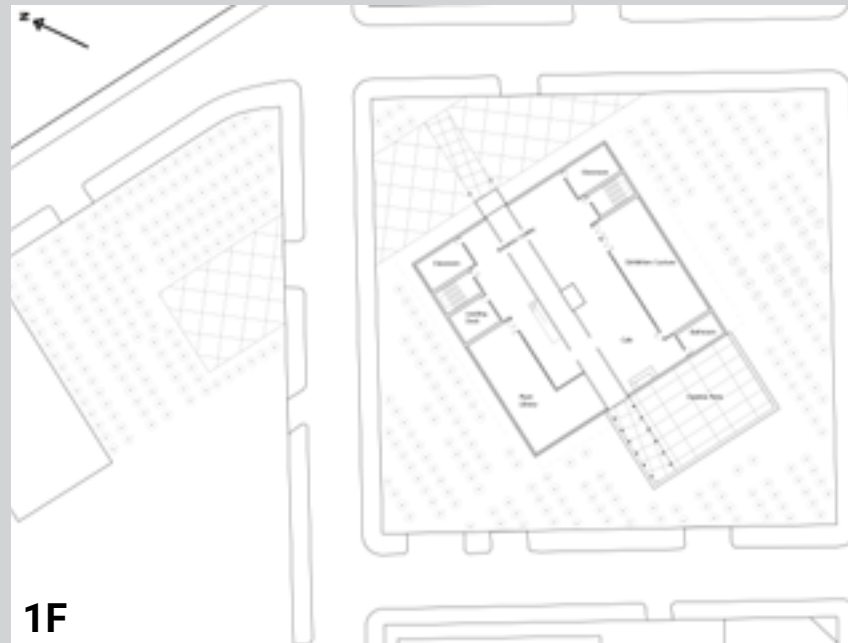
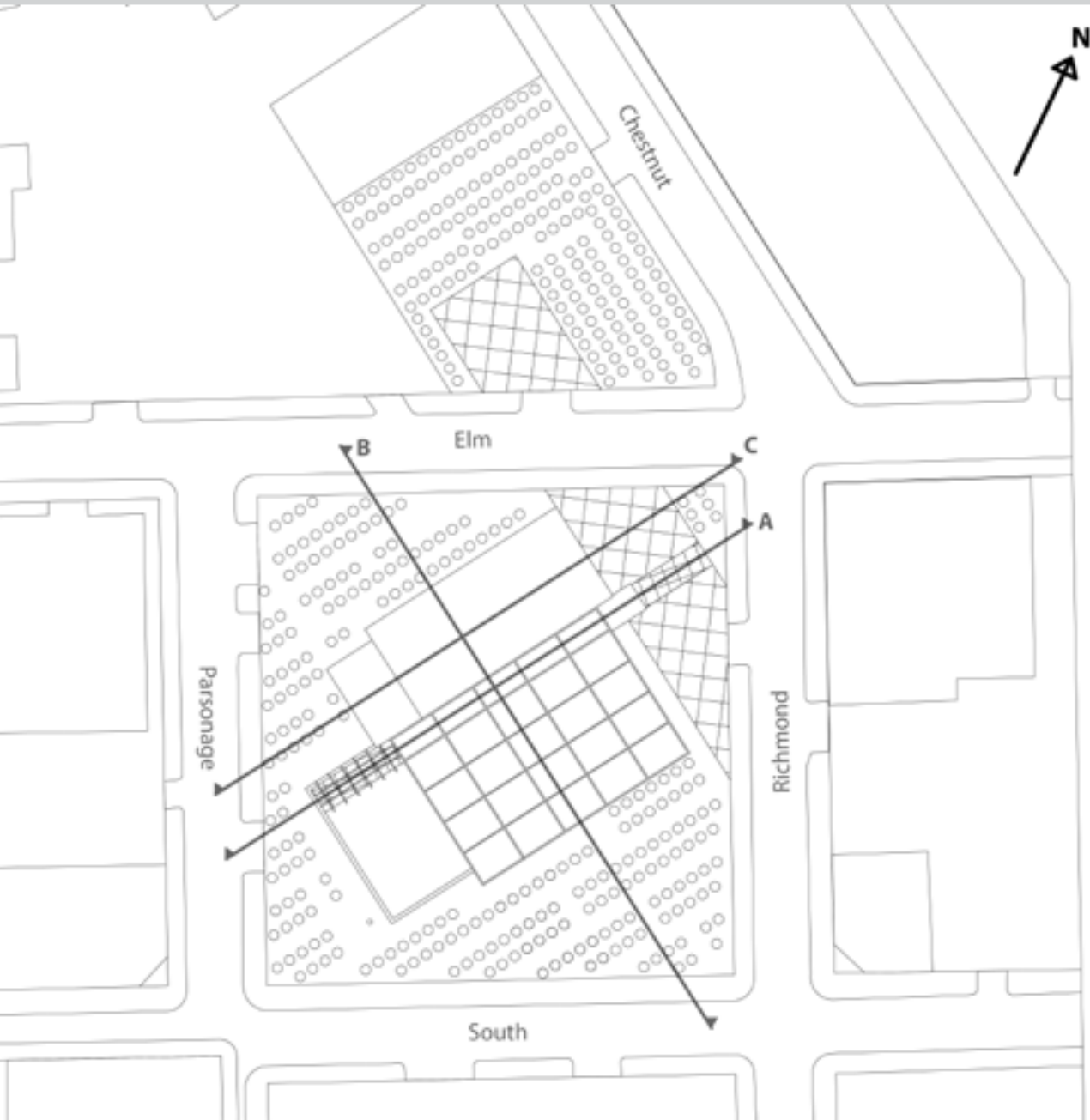
## Preliminary Design Model



## Final Design Model



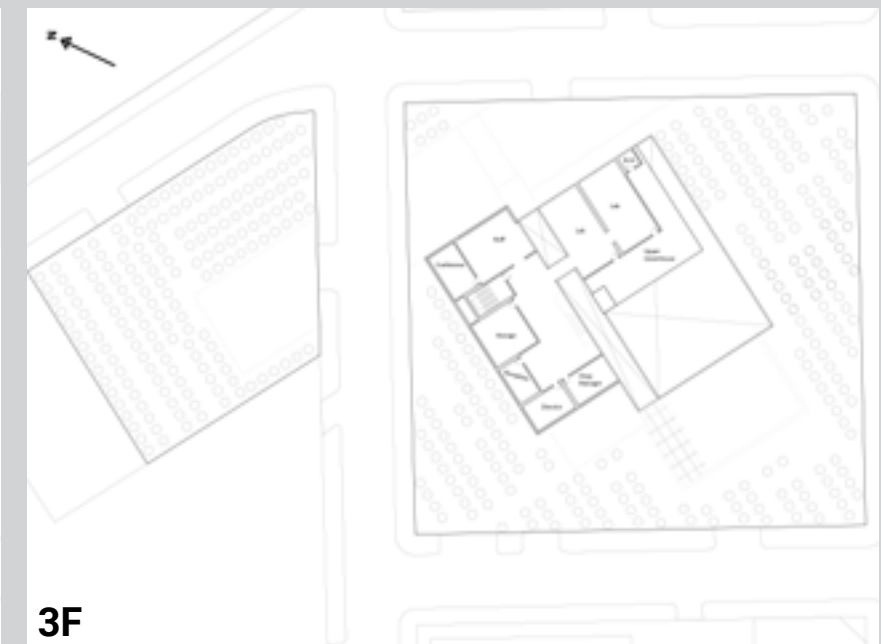
# Drawings



On the first floor, the corridor sits in between open space and program, leading through to an outdoor seating area and the ability to walk through a 'maze' of tree saplings.

The second floor contains the workshop, labs, and the lower greenhouse, providing most of the educational program held in the Environmental Center. There is also a terrace to provide guests with a look-point to the rest of downtown Providence.

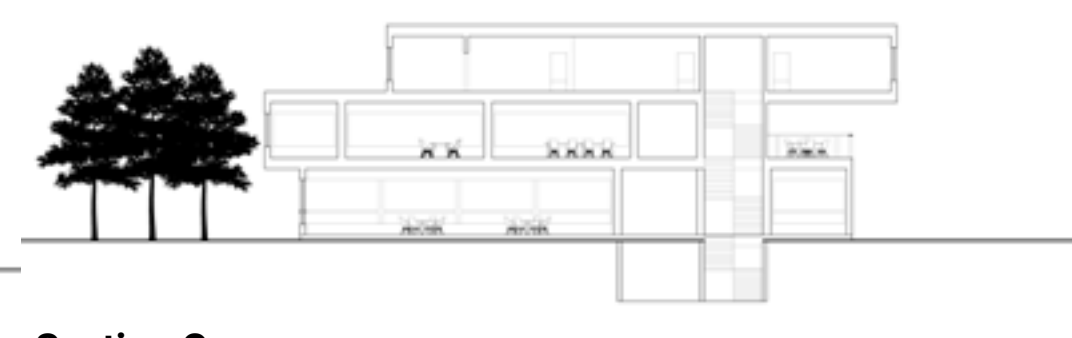
The third floor contains most of the employee program, including storage, office space, and a conference room. The upper greenhouse terrace is fashioned with connected labs, extending educational programming to the highest point in the building. It will also provide a nice view to see the other greenhouse activity below.



**Section A**



**Section B**



**Section C**



# In Perspective

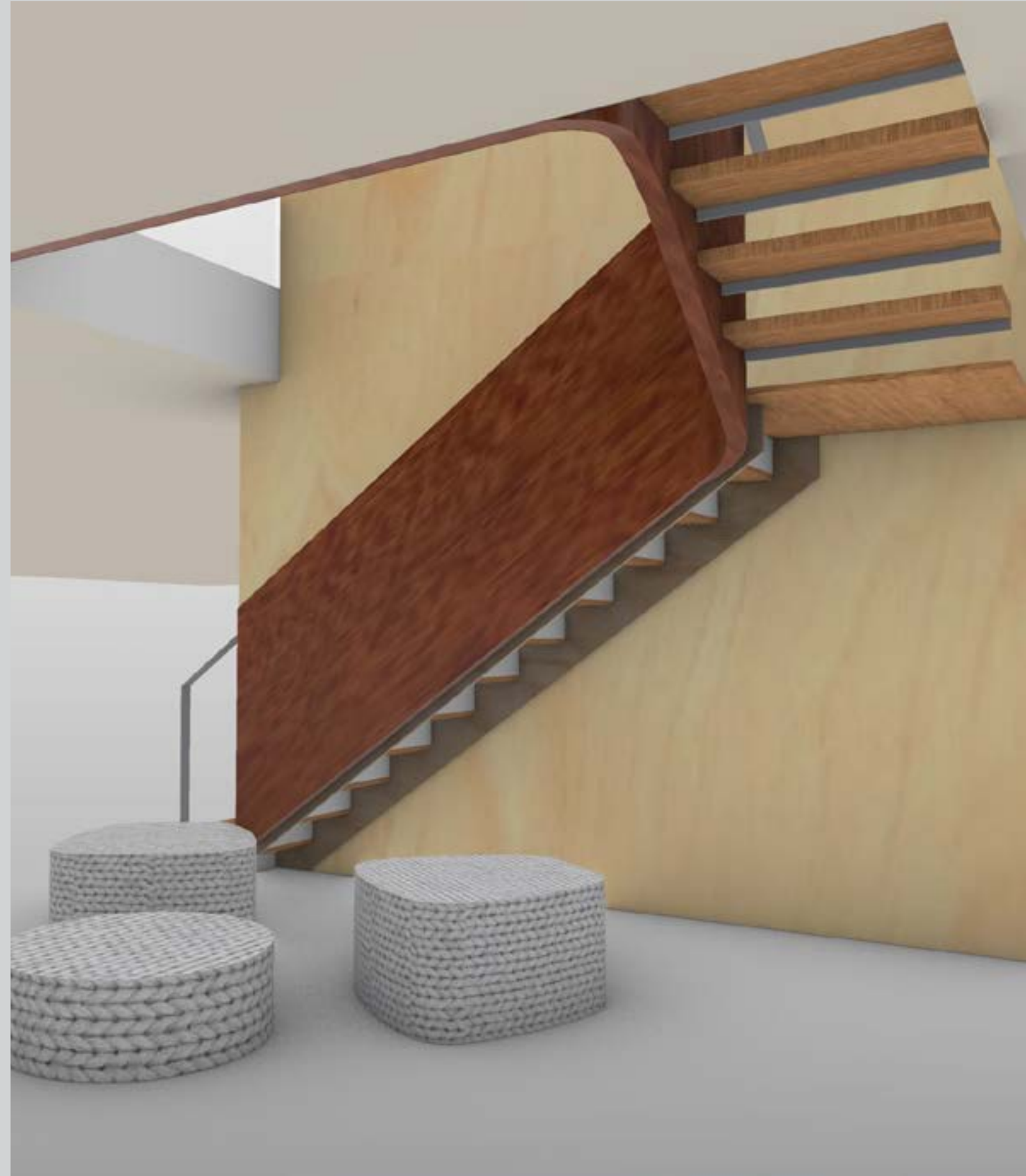
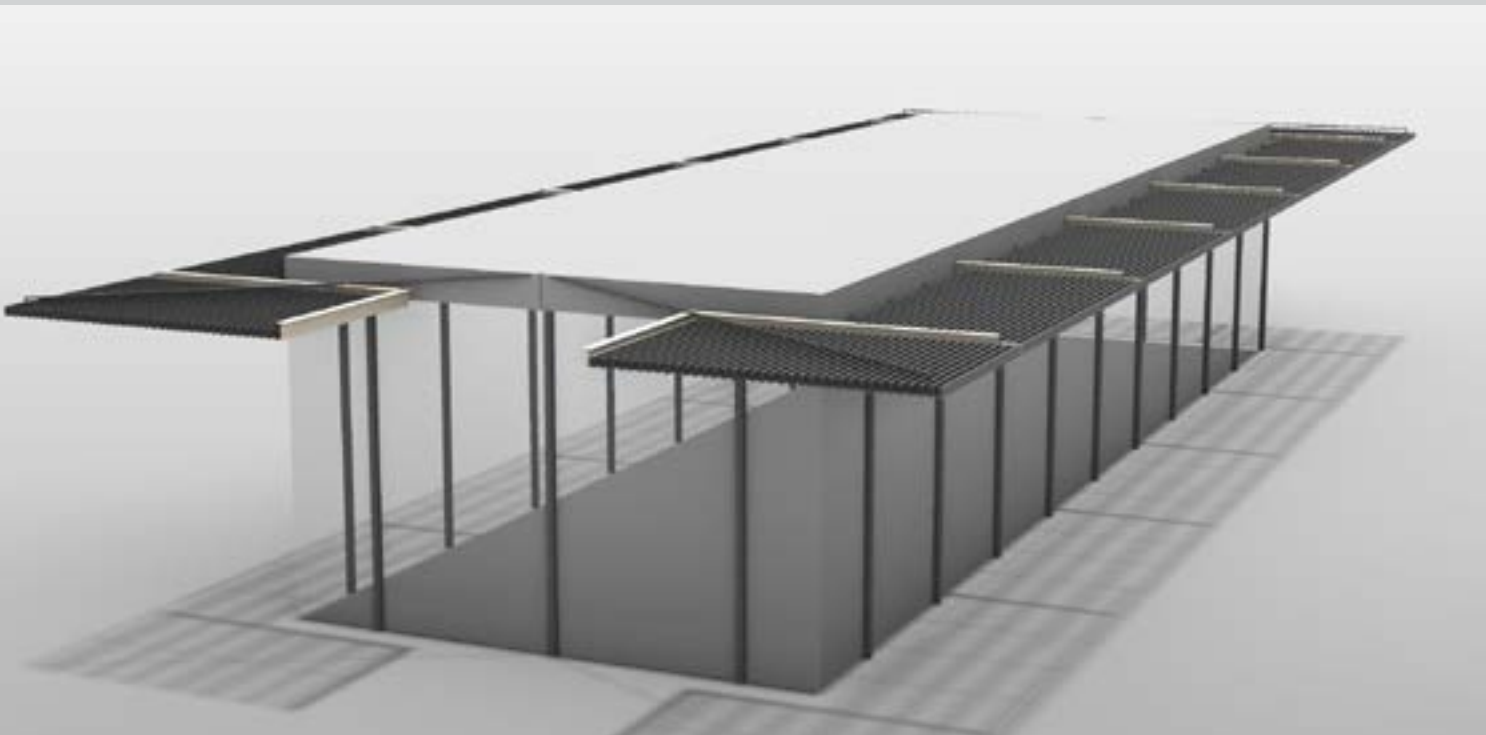




# HGXDesign Internship

**Timeline :** Summer 2025

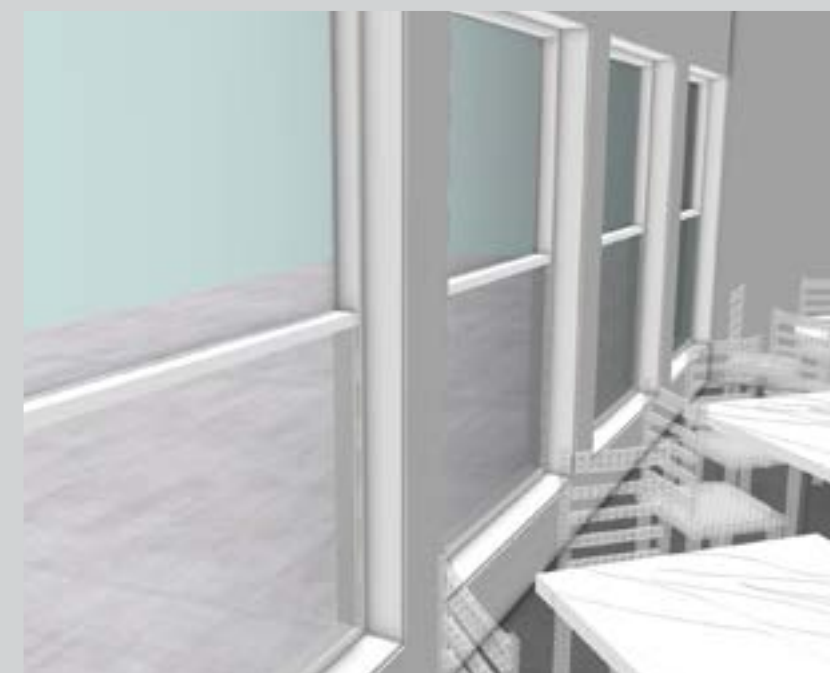
During my summer at HGX, I was tasked with creating interior spaces from design mock-ups and sketches.





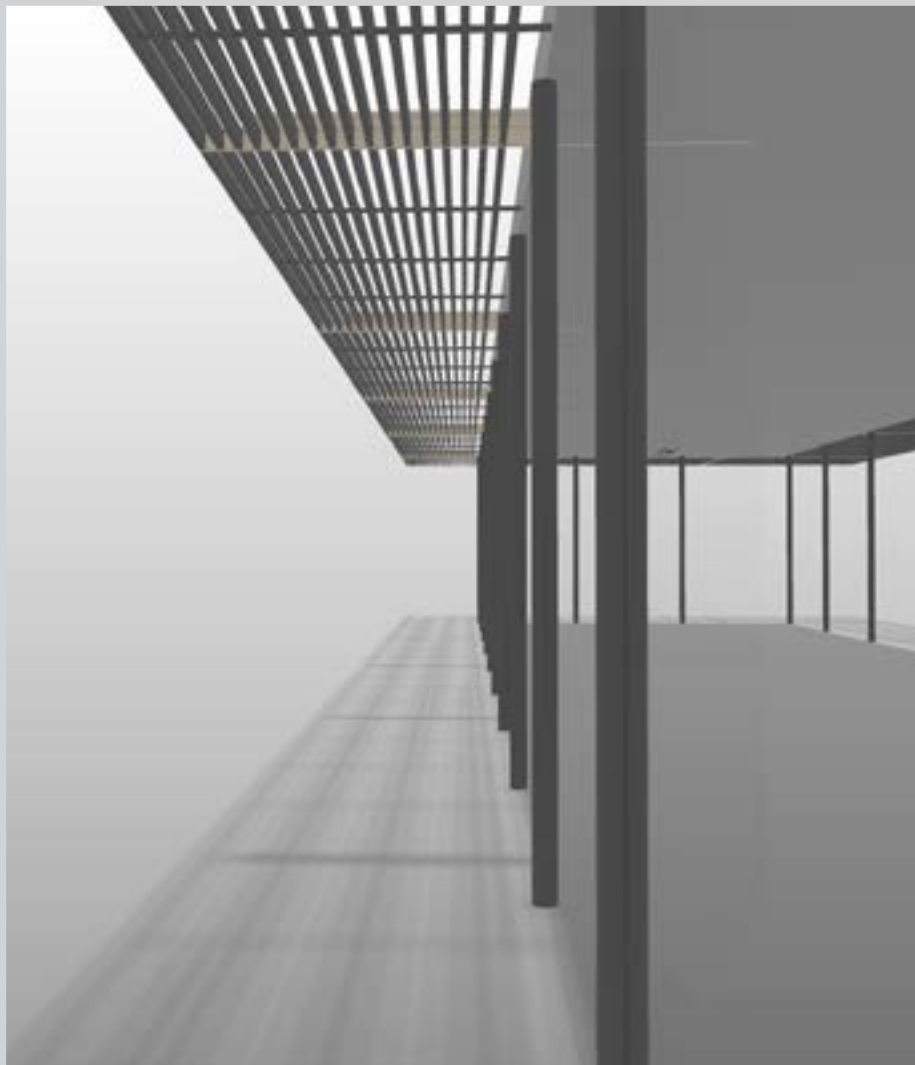
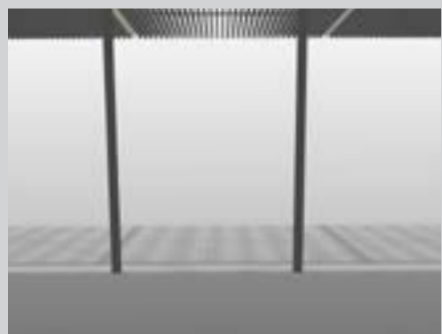
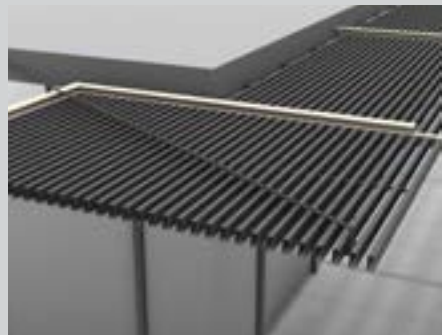
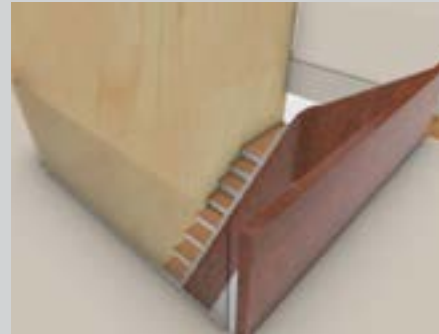
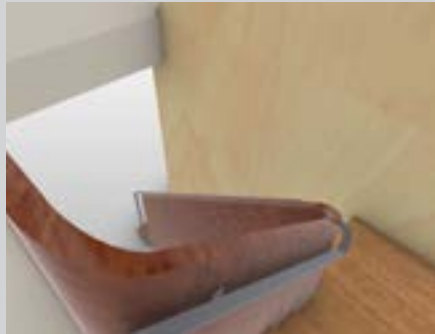
# Felice - Westport, CT

The goal for the Felice restaurant modeling was to envision the space with re-used columns from the previous occupants. In addition to this, the 'renderings' imagined a new vent system on top of the bare ceiling framework, which the new owners wanted to employ.



# Troon Residence: Stair & Pergola

Based in Arizona, the work for the Troon Residence comprised of a curved staircase and exterior pergola. The staircase's shape was derived from a sine curve, then extruded to cover the height. The stainless steel railing also follows this curve. We wanted the pergola to be structurally sound, but still retain an 'airy' feel. Lightweight, hollow beams line the frame, held up by a series of tension rods and L-channels.





# Pottery

Pottery is one of my greatest passions in life. I believe that art directly leads to someone's soul, and pottery is a medium where the use of my hands directly connect that art to my soul. I take pride in my ability to create, and desire to learn new ways to communicate with not only my soul, but other people's.



**"Me, Again." (2025)**



**"Lets Dance Until Sunday" (2025)**



**"Death is a Stone Cast" (2025)**



**"Throwaways" (2025)**



**"Jupiter" (2025)**



**"Starry Night" (2023)**



**"Me." (2025)**



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