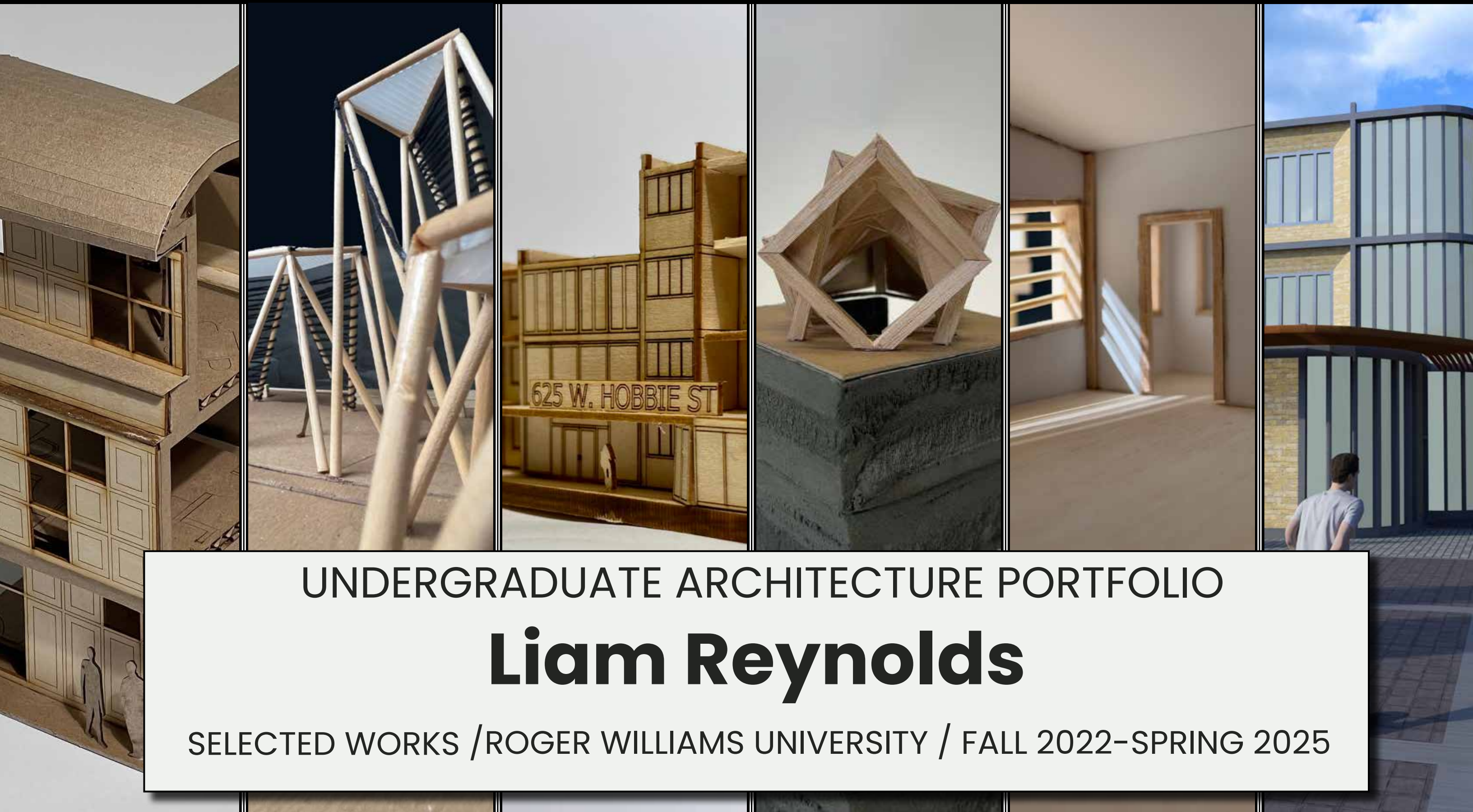




UNDERGRADUATE ARCHITECTURE PORTFOLIO

Liam Reynolds

SELECTED WORKS / ROGER WILLIAMS UNIVERSITY / FALL 2022-SPRING 2025



CONTACT INFO

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LINKDEN: www.linkedin.com/in/liam-reynolds

HANDSHAKE: <https://rwu.joinhandshake.com/profiles/cuznw3>

TECHNICAL SKILLS

Software: Auto CAD 2D, SketchUP, Lumion, Adobe Suite, Enscape, Revit

Drafting: Graphite, Ink, Charcoal

Model Making: Laser Cutting, Wood, Card and Chip Board, Foam Core, Rockite

LIAM REYNOLDS

Fairhaven, Massachusetts

“A highly motivated Senior attending Roger Williams University with a major in architecture and minor in construction management. Committed toward expanding knowledge and skills in architectural design. Looking forward to contribute creativity and skill set to meaningful projects that have a positive impact on the built environment.”

EDUCATION

Roger Williams University, Bristol, RI
Cummings School of Architecture (NAAB Accredited)
Bachelor of Science in Architecture
Minor in Construction Management; **May 2026**

ISI Florence, Florence, Italy
Architectural Study Abroad Experience; **Fall 2024**

Fairhaven High School, Fairhaven, MA
High School Diploma; **June 2022**

GPA: 3.65

CERTIFICATIONS AND AWARDS

Dean’s List: Spring 2023, Fall 2023, Spring 2024, Fall 2024, Spring 2025
Roger Williams Merit Scholarship: August 2022 – Present
RWU Academic Excellence Award: Fall 2023, Fall 2024
Bridging The World Scholarship: Fall 2024

WORK EXPERIENCE

Turowski 2 Architecture, Intern Architect; New Bedford, MA
May 2025 – September 2025
-Produced 3D renderings for the schematic design process
-Meetings with client about existing conditions and project expectations
-Modified drawings in Auto CAD and performed code analysis

UPS Store, Retail Associate; Wareham, MA
December 2022 – Present
-Provide prompt, efficient and courteous customer service.
-Process packages and Amazon returns
-Mailing out packages and letters

Assistant to the Architecture Dean’s Office, Work Study; Bristol, RI
October 2023 – Present
-Filing students scholarly information
-Copying papers
-Help with any tasks at a given moment

COLLEGIATE ACTIVITIES

Real Estate Club, Member; November 2023 – Present
Photography Club, Member; September 2023 – Present
NAHB Architecture Contestant; October 2025 – Present

01



THE PAVILION

02



THE AMPLIFIED BODY

03



THE KINDERGARTEN

04



SLEEP AND SHELTER

05



LIVE WORK DUPLEX

06



MULTI-GEN. HOUSING

07



GASOMETER RENEWAL

08



AD AGENCY HQ

C O N T E N T S

Project One: The Pavilion

Fall 2022

Arch 113

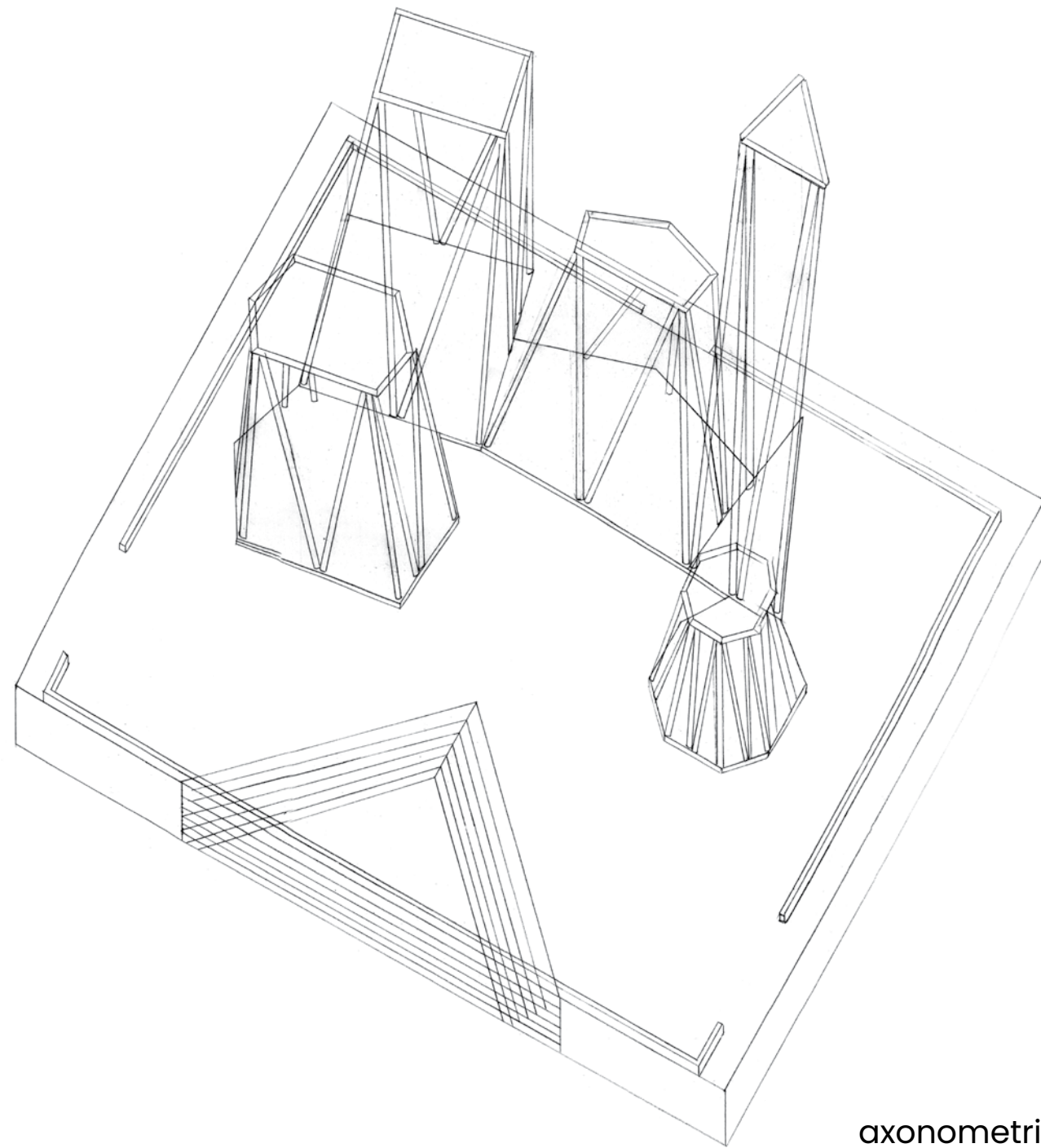


01

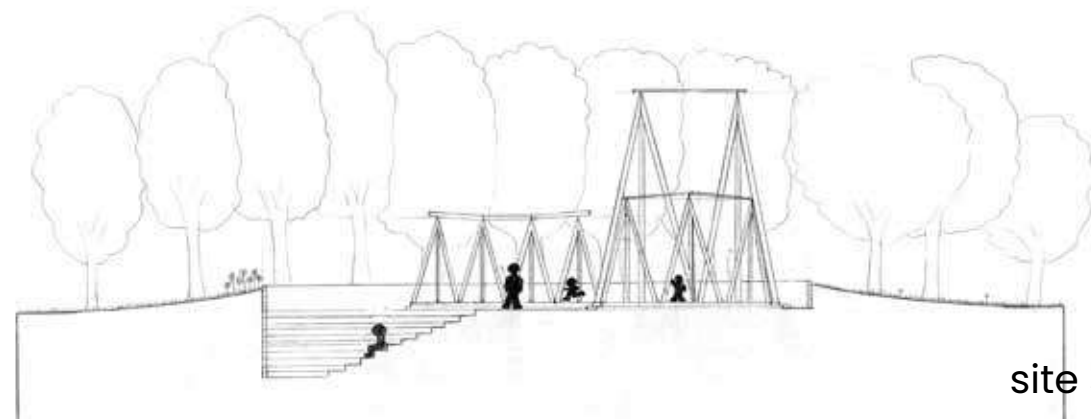
A pavilion acting as a place of recreation for children. Through the strategic placement of different extruded shapes offering interesting shadow patterns that help frame a sunken in amphitheater.

The Pavilion

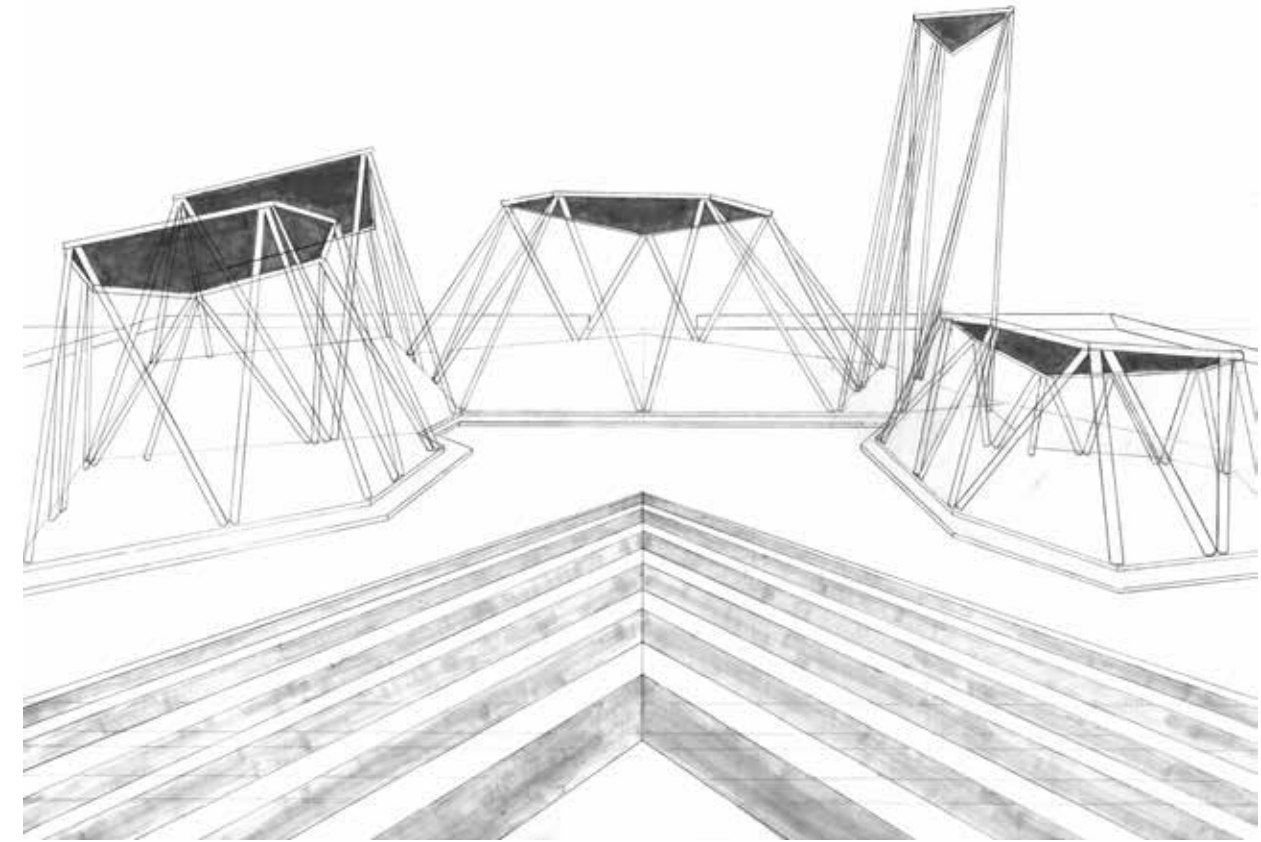
Being the first product done as an architecture student as an undergraduate, the Pavilion project was the first true demonstration of design abilities. The concept of the Pavilion was left rather open ended, leaving it up to the student to make the design intentions. For the Pavilion, there was an early interest in catering to a young audience. I found the Pavilion to almost act as a playground of sorts for children to roam free with adult supervision throughout the site. The design of the pavilion seems to almost frame the small sunken amphitheater meant to be used for magic shows. The use of different extruded shapes using an aggregated 3 dowel system creates a unity among the different height spaces. Through the varying heights in the different extruded structural systems, interesting shadow patterns are created. The stage in the amphitheater is able to be viewed at different points throughout the site. Overall, the Pavilion is able to be a beautiful place of enjoyment meant to act as a geometrical learning experience for children.



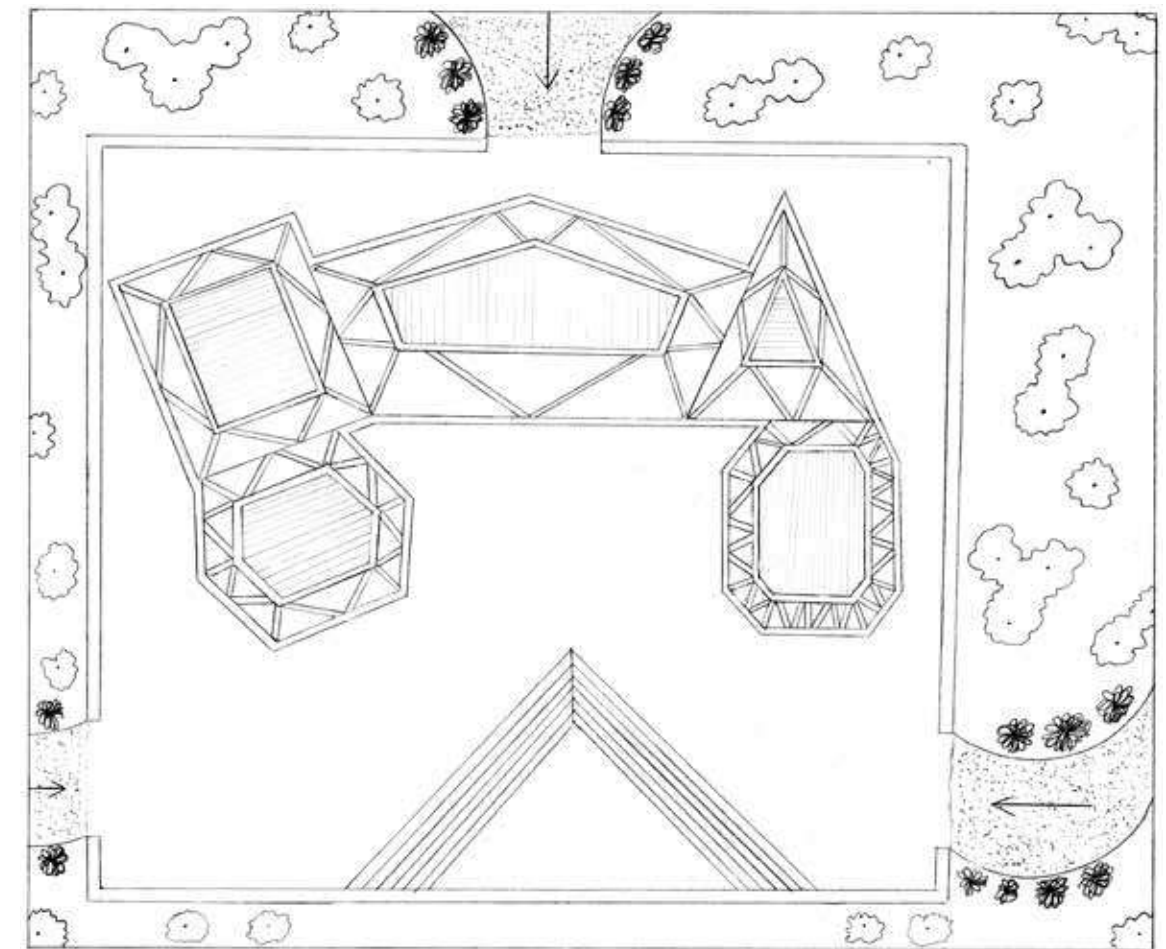
axonometric



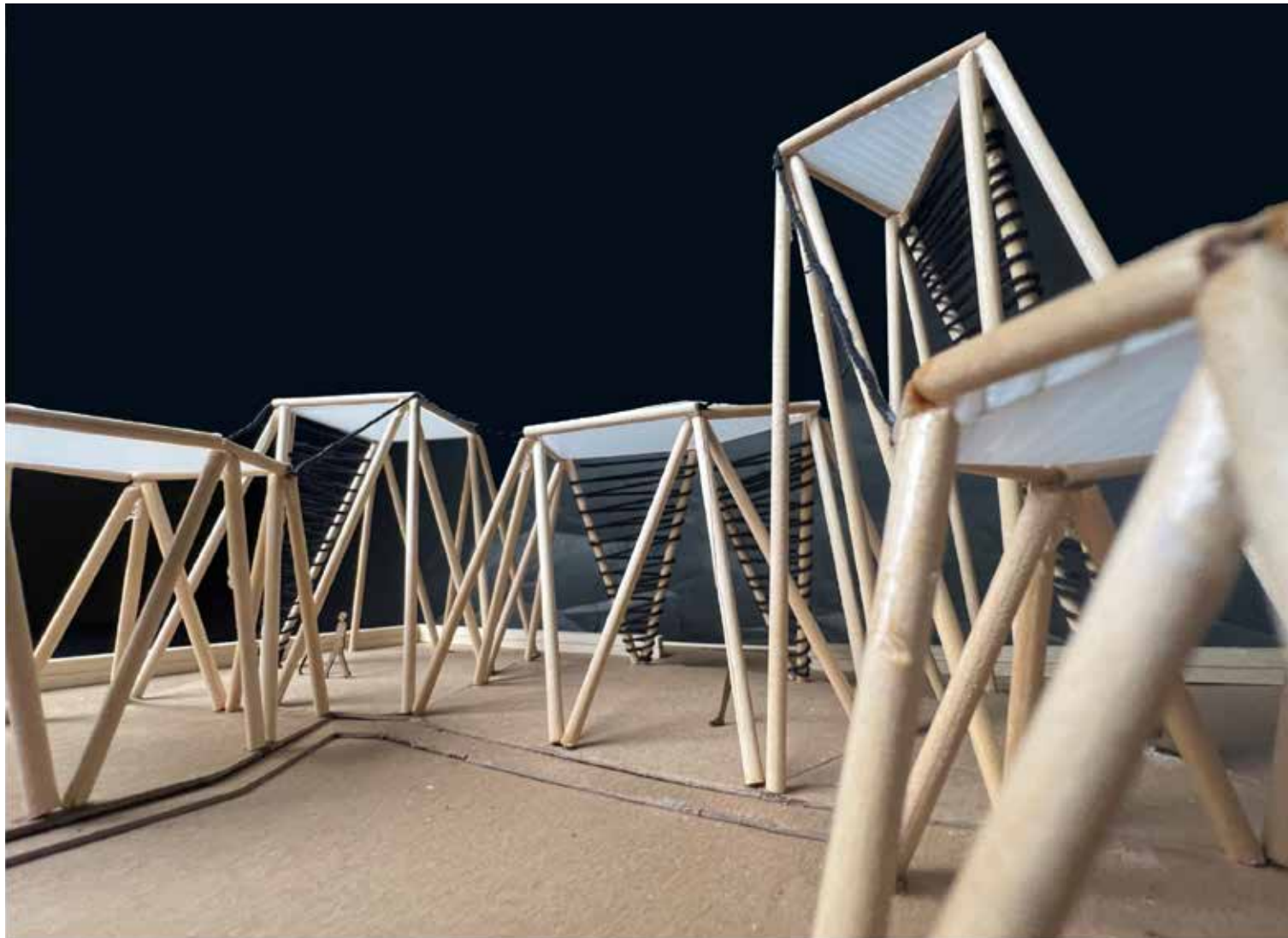
site section



perspectival view



site plan

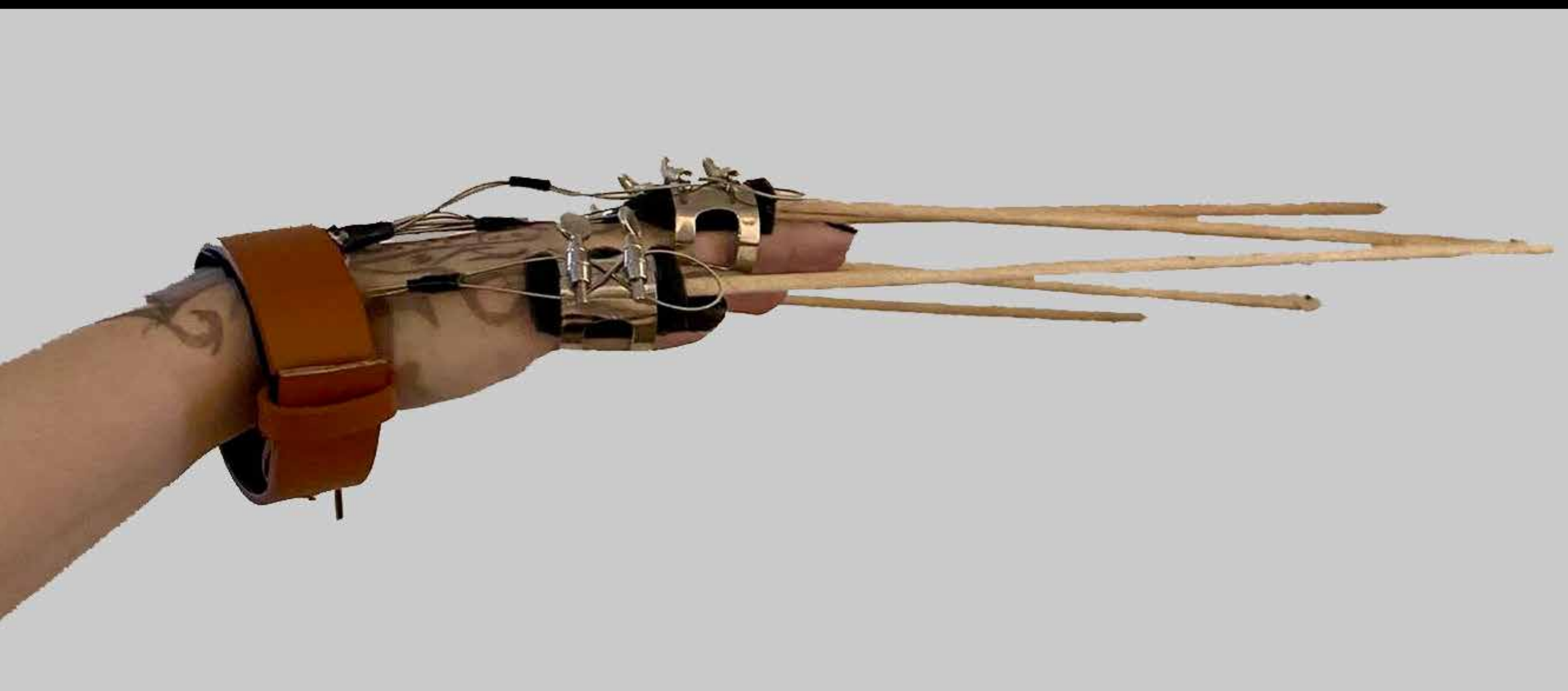


model photos

Project Two: The Amplified Body

"The Time Keeper"

Spring 2023; Arch 114

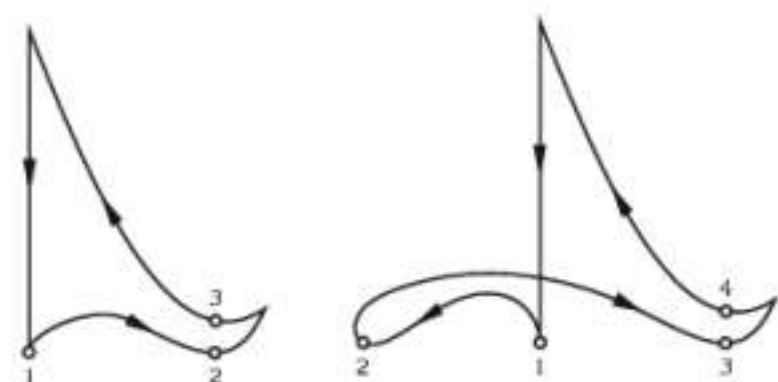


02

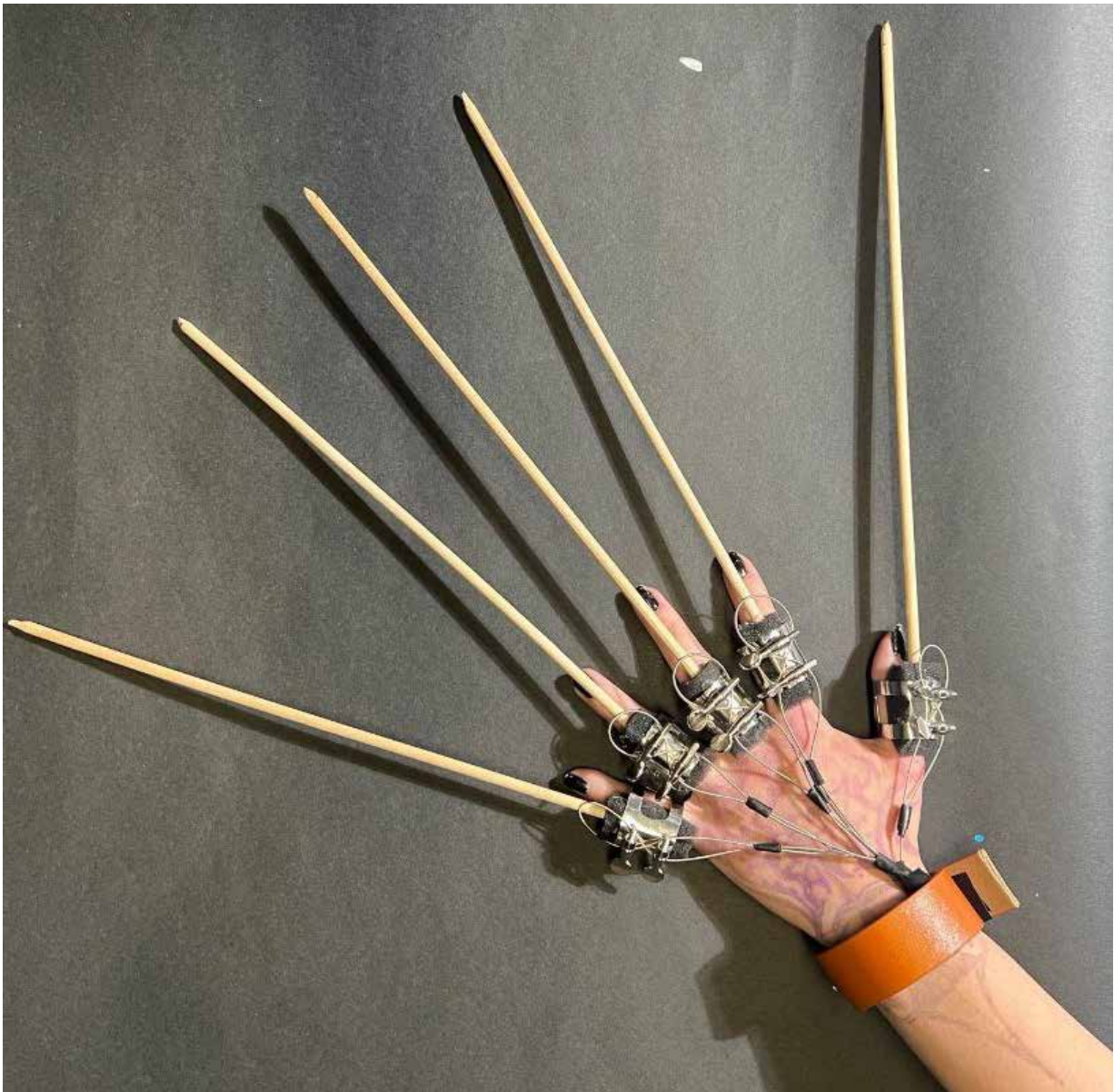
A project mean to magnify a specific action of the human body. The goal helps better understand the relationship between scale and how we inhabit the space around ourselves.

"The Time Keeper"

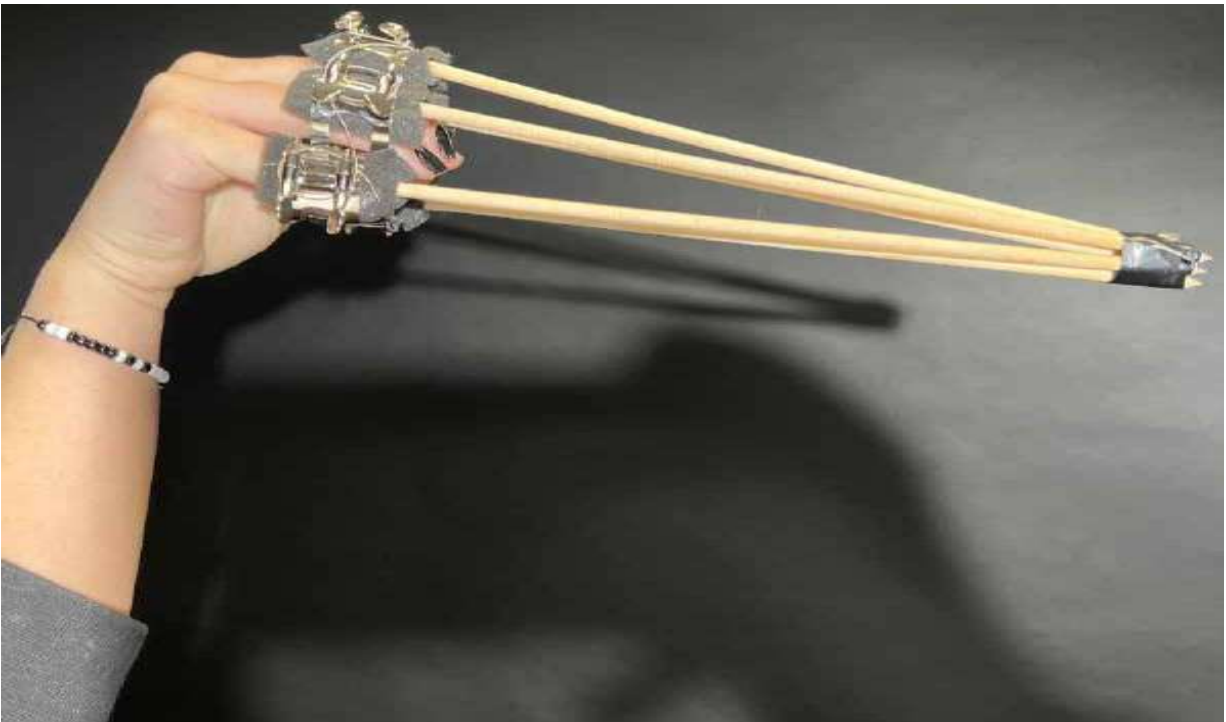
The body apparatus is made up of two glove-like parts that are meant to be worn on two different hands. Through careful consideration, a movement that involves a lot of motion is conducting a piece of music. Conductors use different kinds of time signatures to enable the music to have different types of sound. Thinking about how an individual is able to conduct a music piece, one hand holds onto the baton while the other hand motions to adjust the tempo and sound of the music. The apparatus picks up on this, while also using different elements of musical instruments within the materiality of the project of itself. The use of ligatures, guitar strings, and dowels acting like drum sticks allow for a strong narrative. When in use, the apparatus records the motions of a conductor through scratching the paint off the surface of a painted plexi-glass surface. The two different examples of the abstract art are successful in being able to graphically convey the recorded motion, with the use of blue paint to represent 3 beat time signatures and the brown paint to represent a 4 beat time signature.



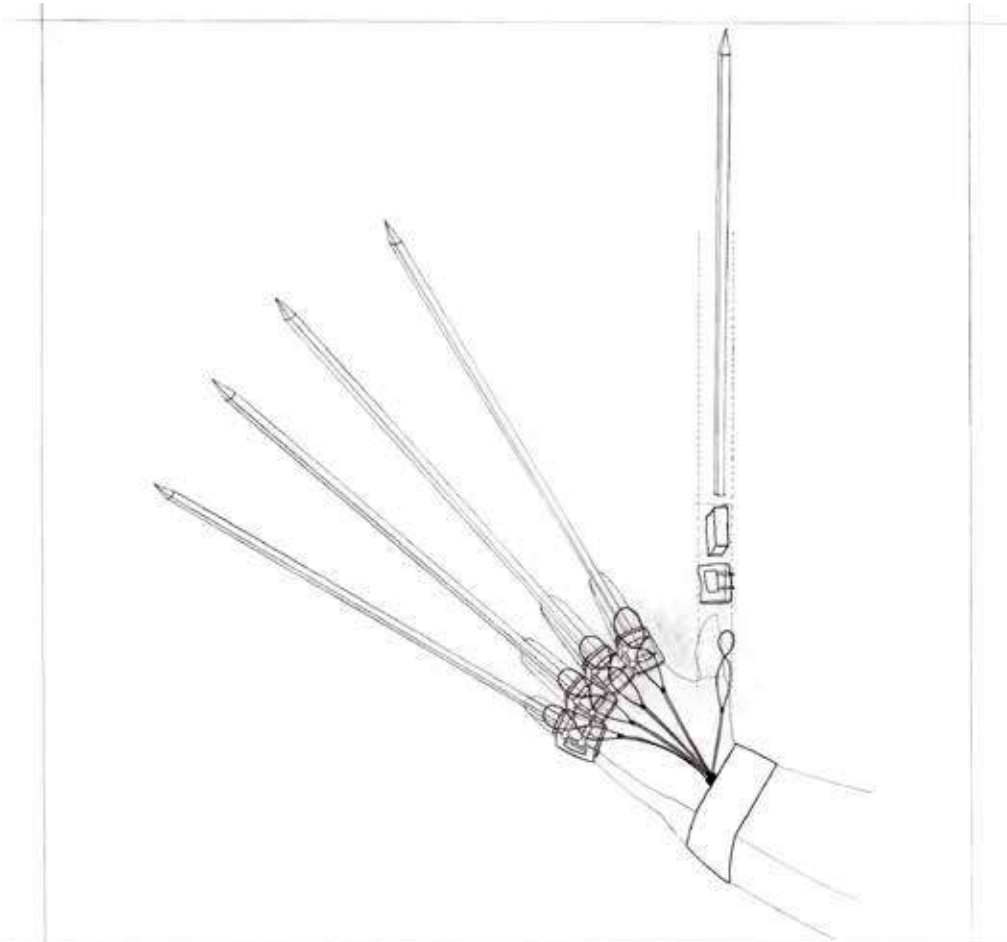
time signatures motion



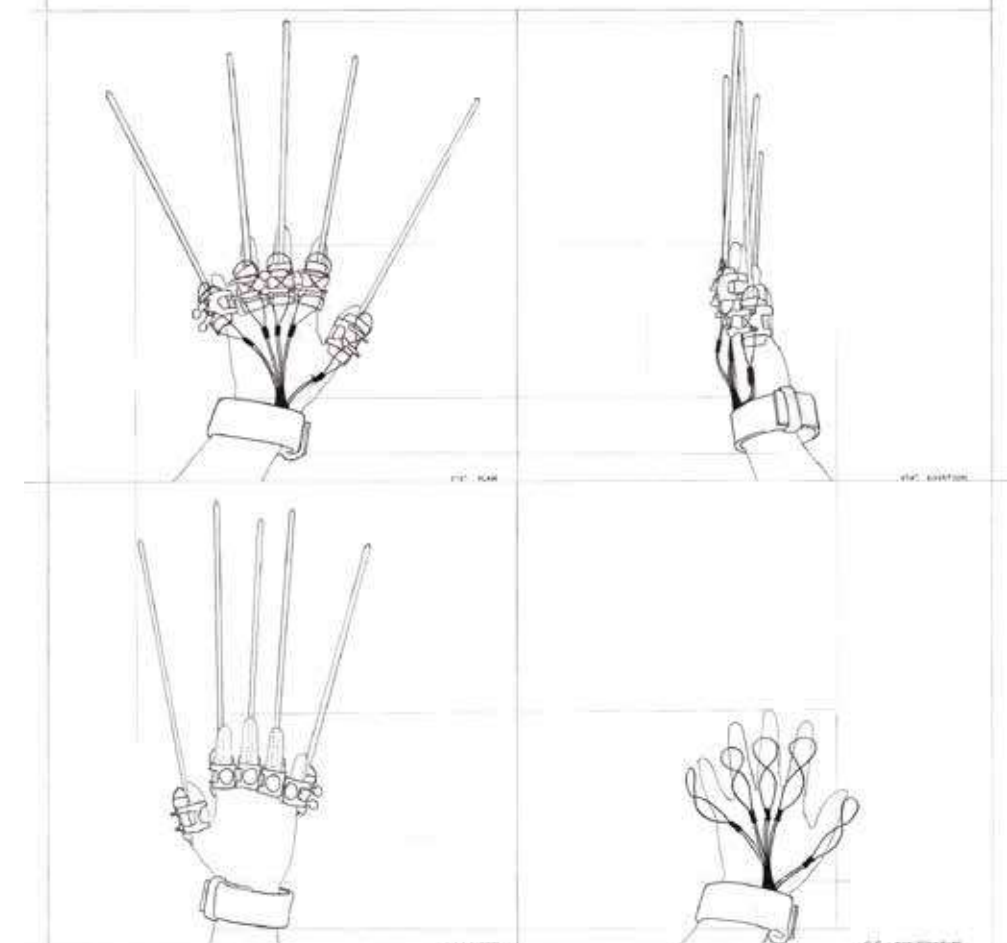
hand 1 device



hand 2 device



exploded axon



multit-view orthographics



device in use



device in use



art produced

Project Three: The Kindergarten

"Anchoring Enrichment"

Bristol, RI

Fall 2023; Arch 213



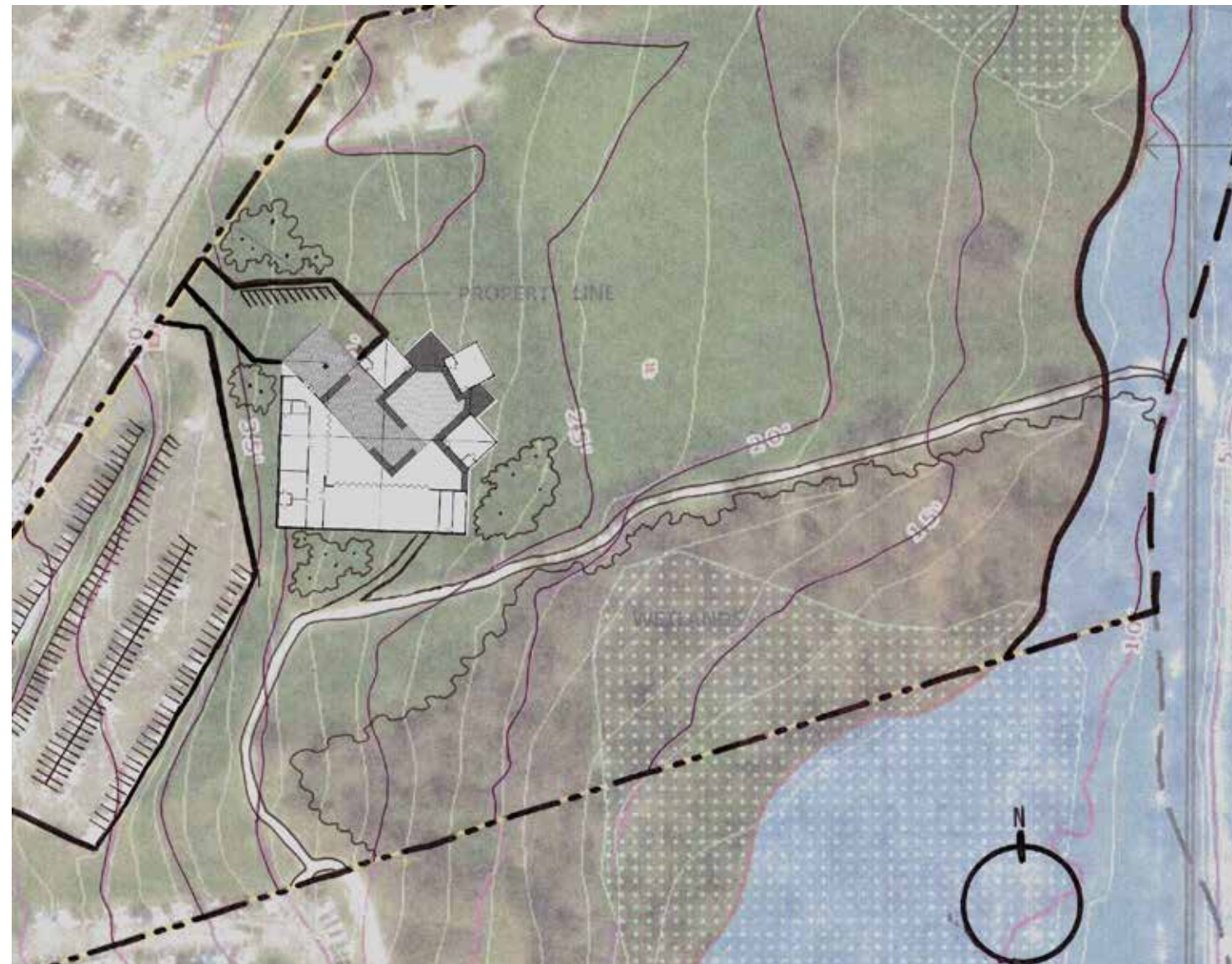
03

The creation of a kindergarten in Bristol, RI on the Roger Williams University Campus. The program accommodates a population of 45-60 with 3-5 classrooms, teacher offices, public and child bathrooms, and a multipurpose room.

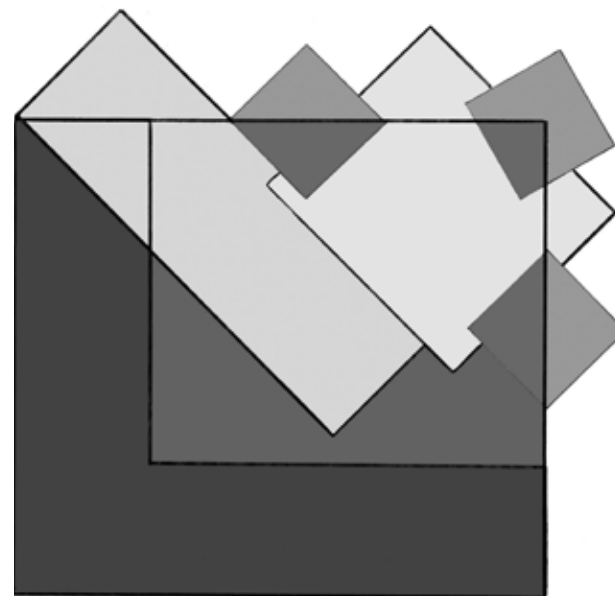
“Anchoring Enrichment”

The kindergarten will provide a full-day experience for the children attending and aims to teach children foundational skills in order to be successful in their lives. The name “Anchoring Enrichment” comes from the anchoring “L” shaped part of the main building that is embedded into the land. The anchored element causes the roof plain to meet the ground plain resulting in a green roof that is meant to be explored by the school children. A child arrives with their parents to the kindergarten at the north most tip of the anchor. At the entrance, one has a choice to either enter the enclosed interior space or the large central courtyard. When already inside, one can enter this central courtyard through the long hallway or multipurpose space.

The anchor houses the more service parts of the kindergarten while the separated pieces are the classrooms. These separate “pieces” or classrooms are slowly elevated and rotated in order to create an interesting spatial condition. Although the classrooms are elevated, due to how the program is sited within the topography of the pre-existing condition, the water view towards the Mount Hope Bay remains unobstructed. The use of skylights on the roof of the kindergarten creates an interesting lighting condition at nighttime while also assuring optimized light conditions to even the most embedded element of the project. Due to the nature of this plan, there is expansive courtyard space that can act as playground space for the students. Every classroom that is elevated have their own patios for individualized and focused exterior space.



site plan



parti concept



1/8" kindergarten model

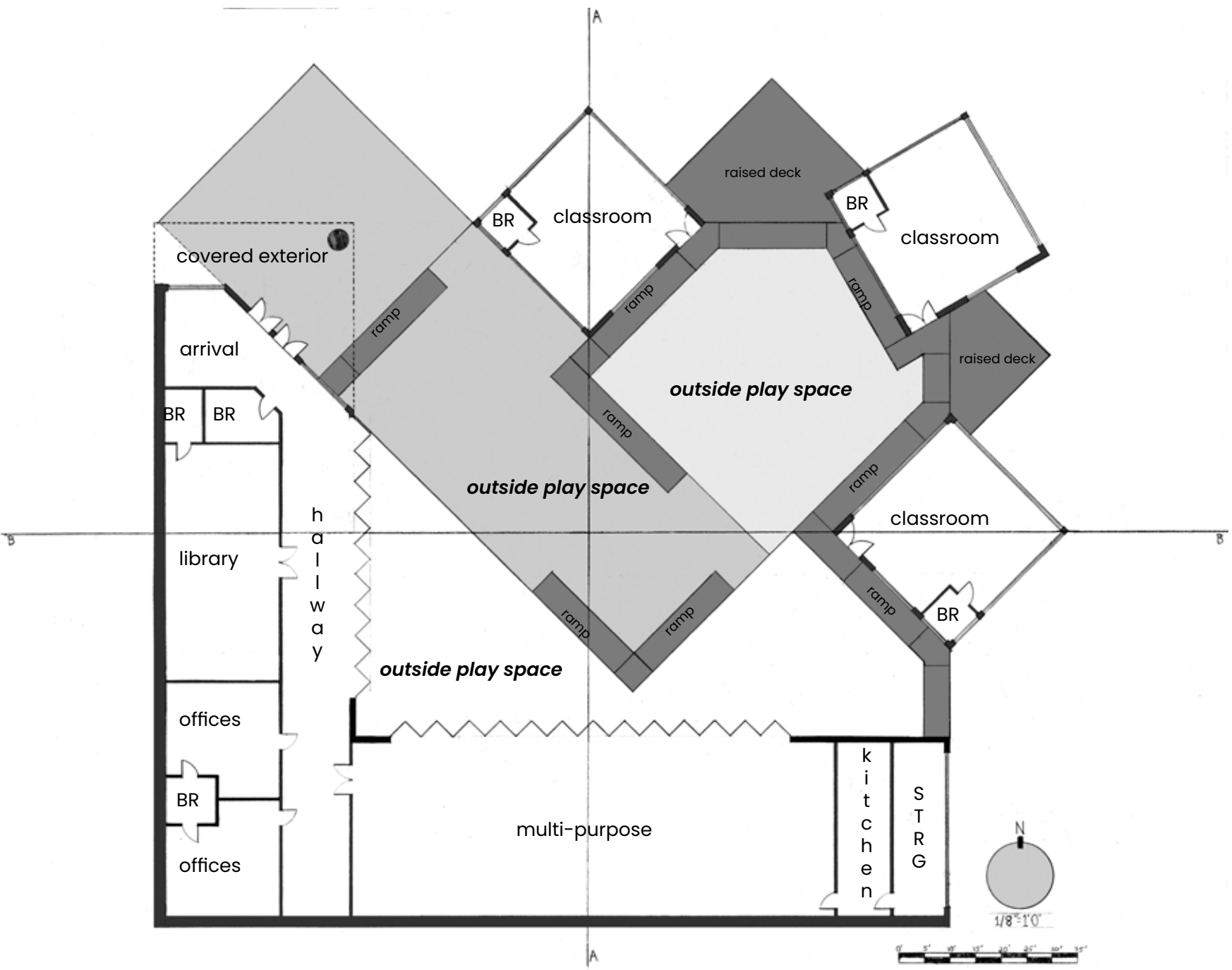


site on roger campus



site sketch

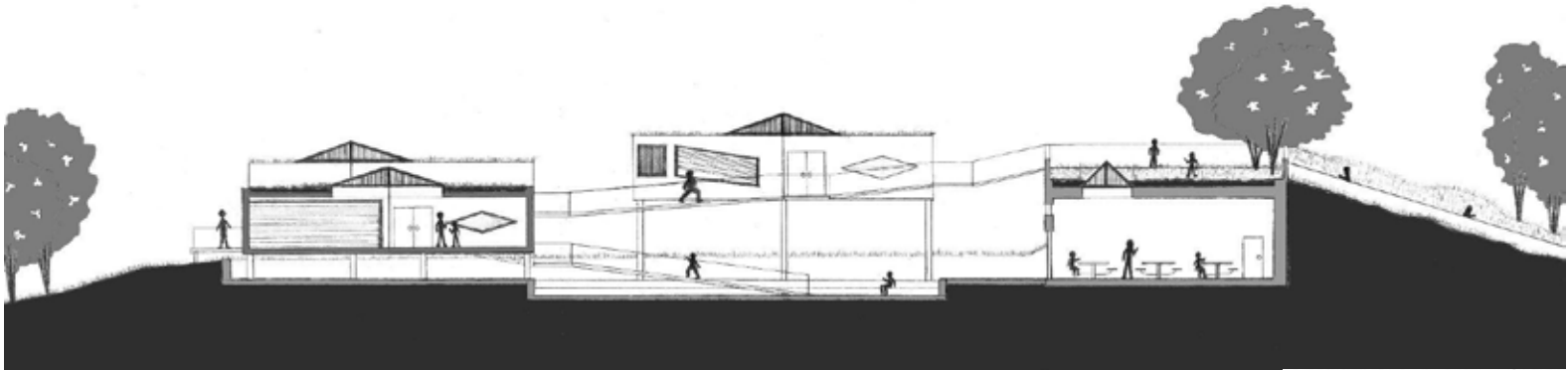




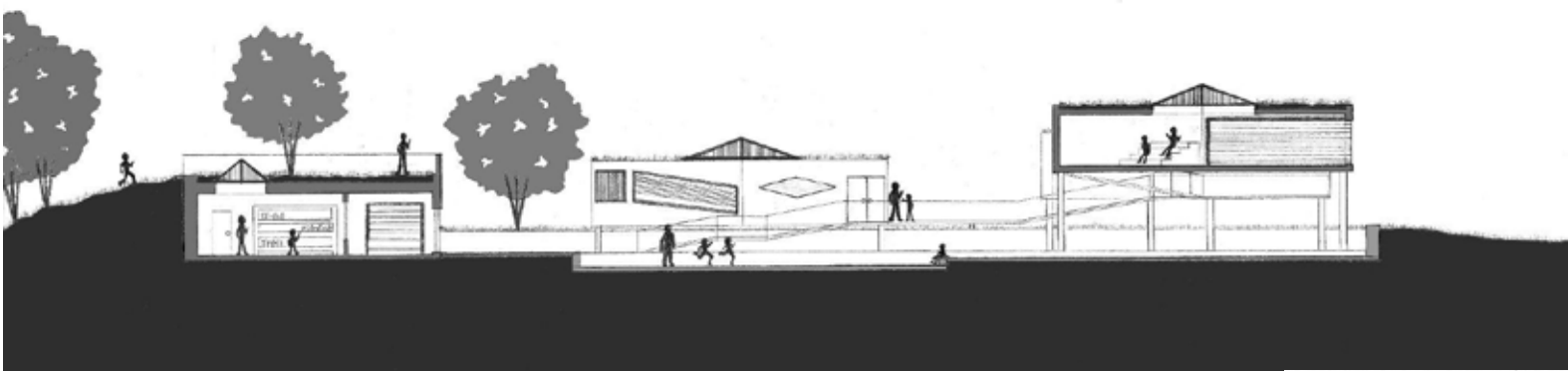
kindergarten plan 1/8" scale



1/8" kindergaten model



section a



section b



site context



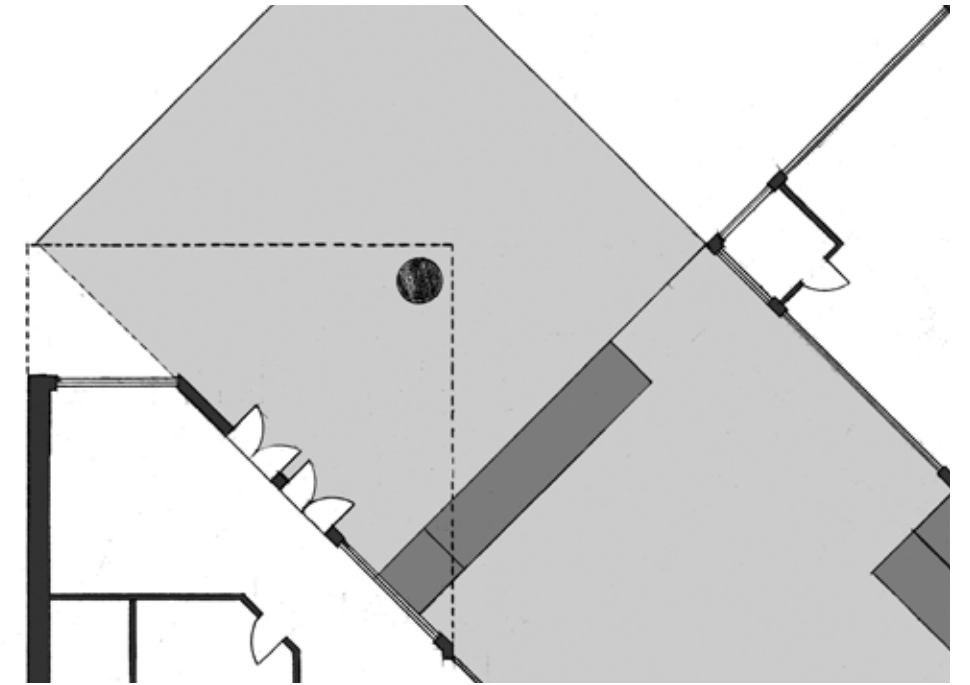
1/8" model photos



building elevation



The building itself is a mere extension of the landscape due to it being embedded. This allows there to be a green roof which offers space for nature to take over. Being so minimally invasive allows for the kindergarten to almost be hidden from the rest of the campus so the views out to the Mount Hope Bay are not hindered, For the children first hand experiencing the kindergarten, It allows for a nature packed learning experience, encouraging circulation throughout the rest of the site.



model showcase



1/2" scale detail model photos

Project Four: Sleep and Shelter

"Kaleidoscope Tunnel"

Spring 2024; Arch 214



04

Given conceptual constraints, a design that follows the narrative of the REM cycle when sleeping. Though a repetition of extruded elements, a sleep space is created.

"Kaleidoscope Tunnel"

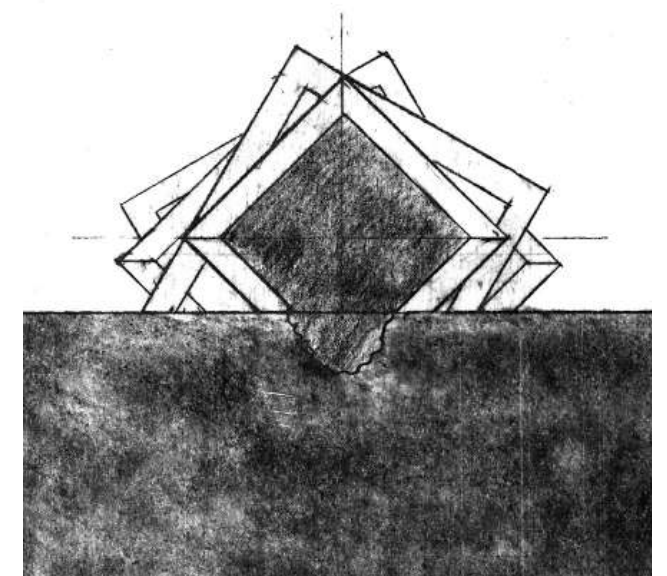
As the individual enters the sleep space, they are transported and elevated into a fantastical journey supported by the repetition of extruded geometries. The module of the teetering back and forth between the square and the parallelogram allows for intimate sleep space to be created. Repetition plays an important role in framing the interior spaces while letting in light in elegant ways. The overall program of the sleep space is able to emulate the format of a hypnogram, allowing the individual to be transported into the stages of sleep exhibited during the night. Perspective is distinctive in allowing for separation between private sleep space and the public sculptural quality of the project creating a captivating experience.



parti diagram



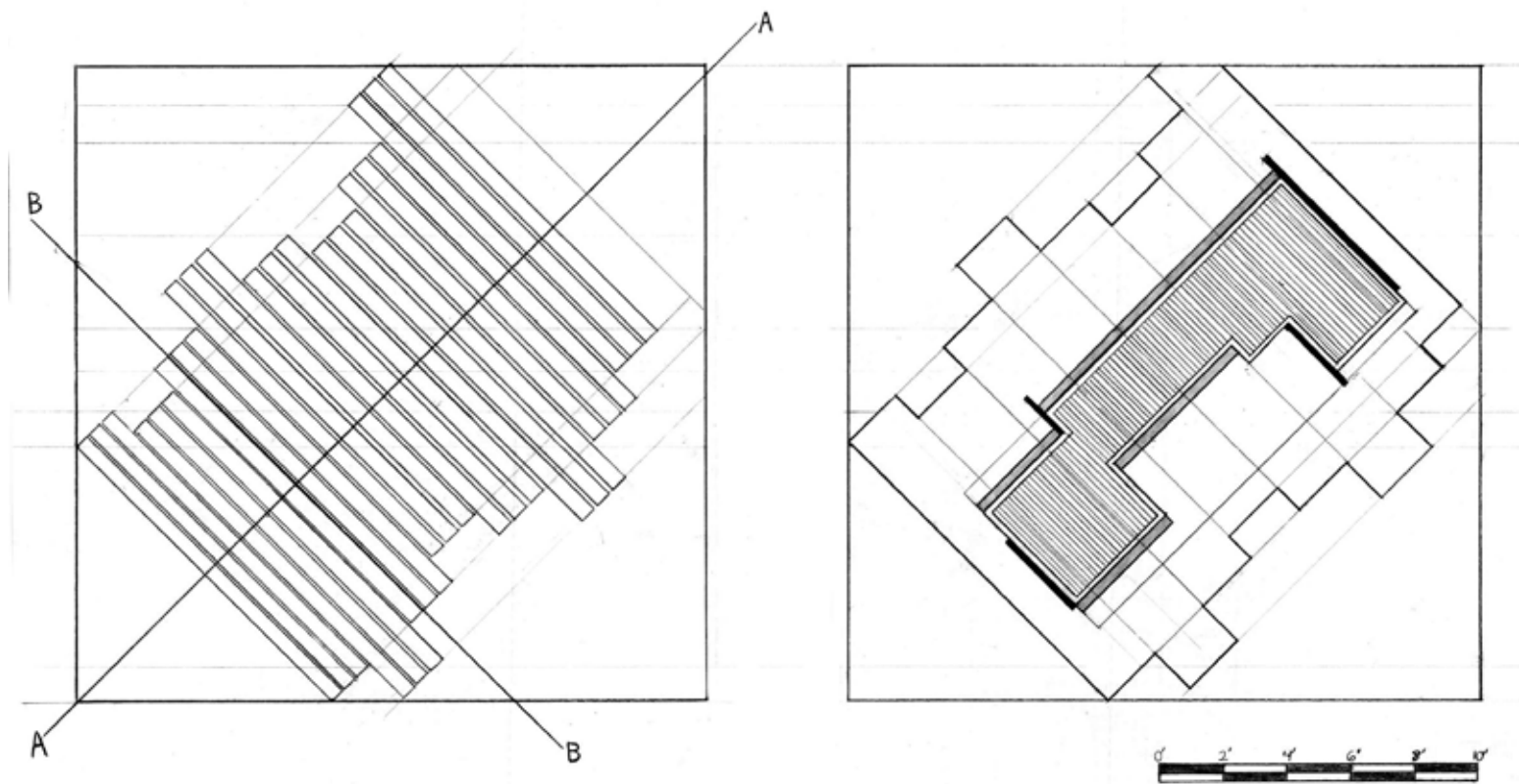
model photos



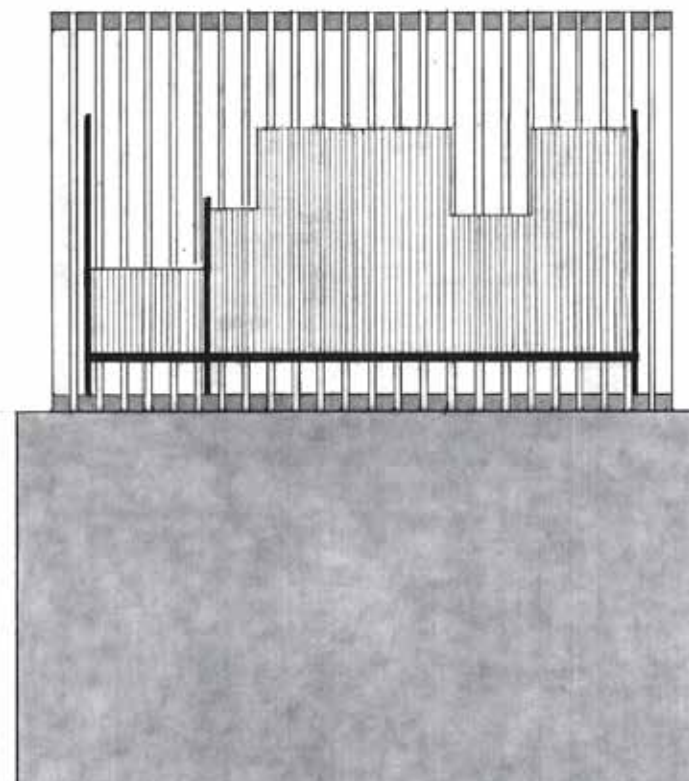
process model



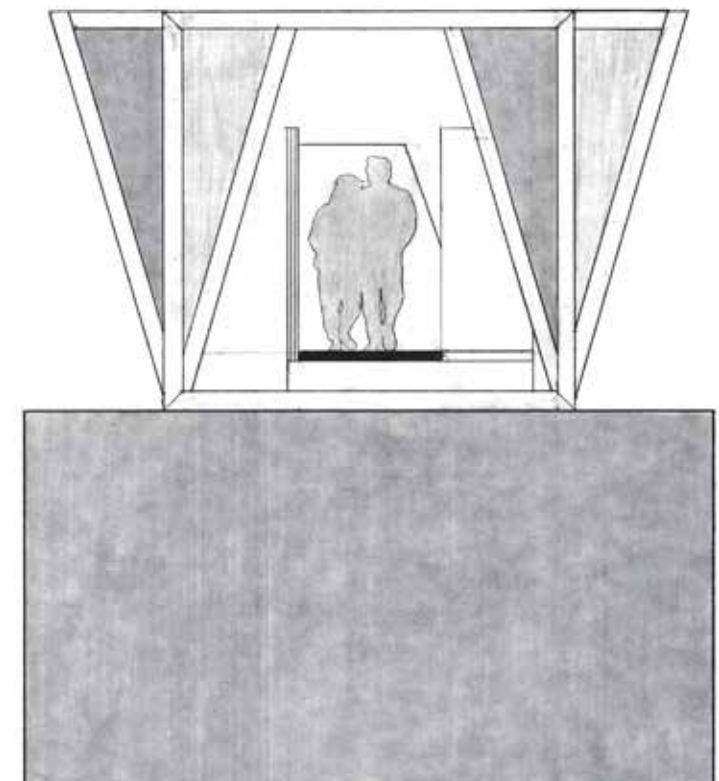
model photos



plans



section a



section b

Project Five: Live/ Work Duplex
Cermacist and a Pilot
Spring 2024; Arch 214



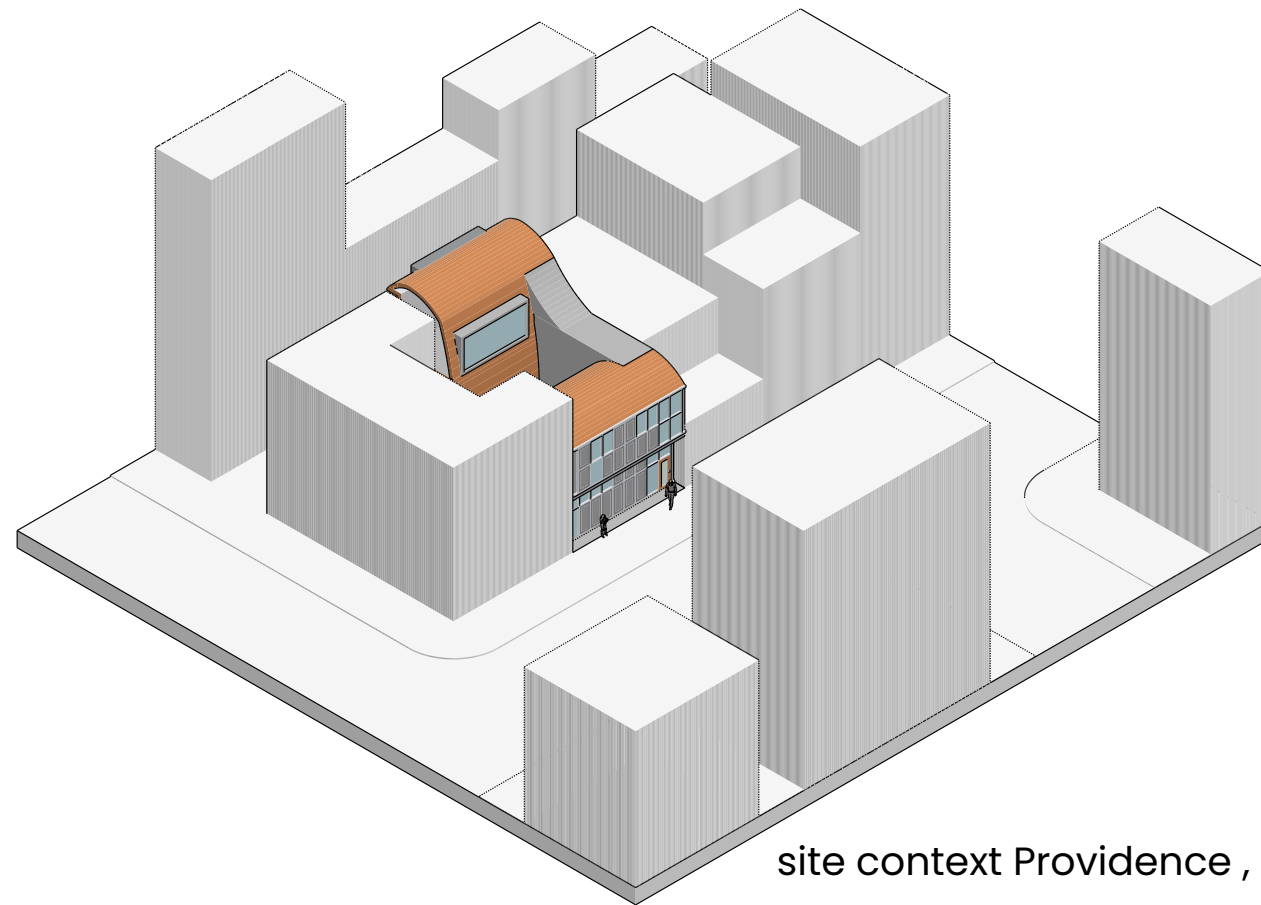
05

A small site located in Providence, RI, a duplex meant to be shared by two individuals with contrasting professions. The shape of duplex conforms to the organic shape of pottery work created by a ceramacist while the swooping design is comparable to a bird flying in the sky like the pilot.

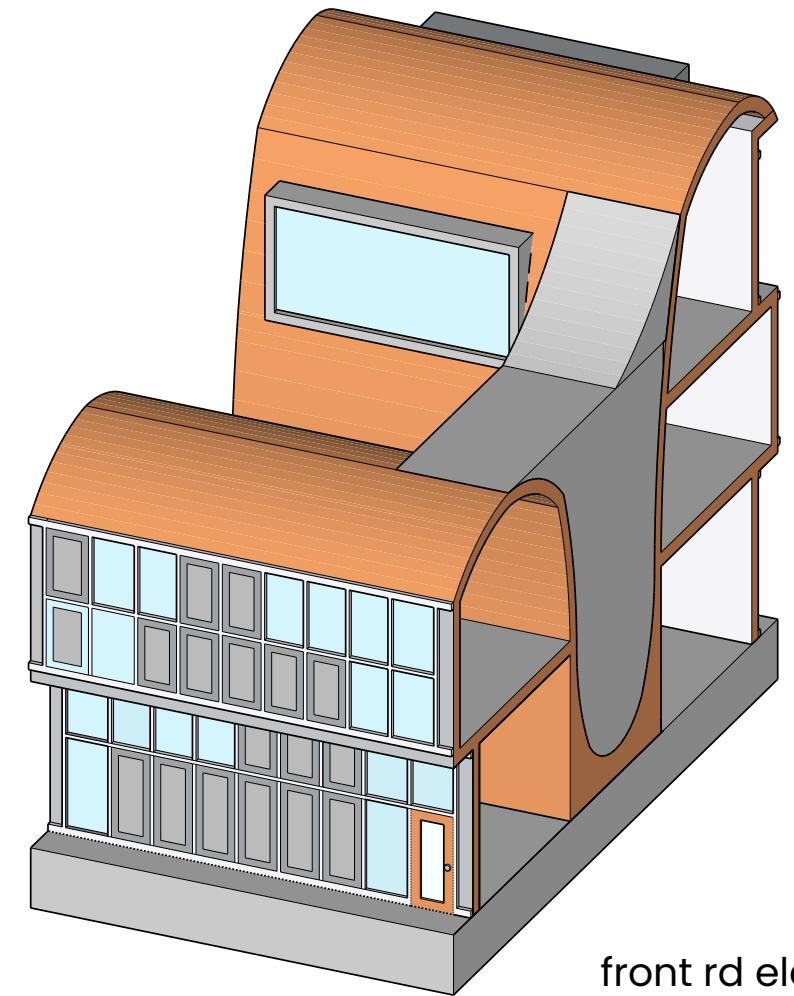
A Ceramicist and A Pilot

Located in Providence Ri, two individuals with very different professions reside within a duplex. The ceramicist is obsessed with earth forms existing in the natural environment while the pilot is consumed into the more machined and structured aspects of life. The design proposal of the apartment is able to sufficiently blend together these two very different people into a singular cohesive experience.

Primarily, the duplex proposal has a large curve dividing the building with two equal halves. The space that is shielded by the curvaceous form becomes the interior space. The curvature is essential in creating interesting interior and exterior views while allowing the terracotta surface to mirror the works of a ceramicist. The overall machined punch-hole looks with the alternating metal plates and glass is able to mirror the design of a plane. Overall, these otherwise highly contrasting people are able to come together in a uniform sculptural like work that becomes a dwelling.



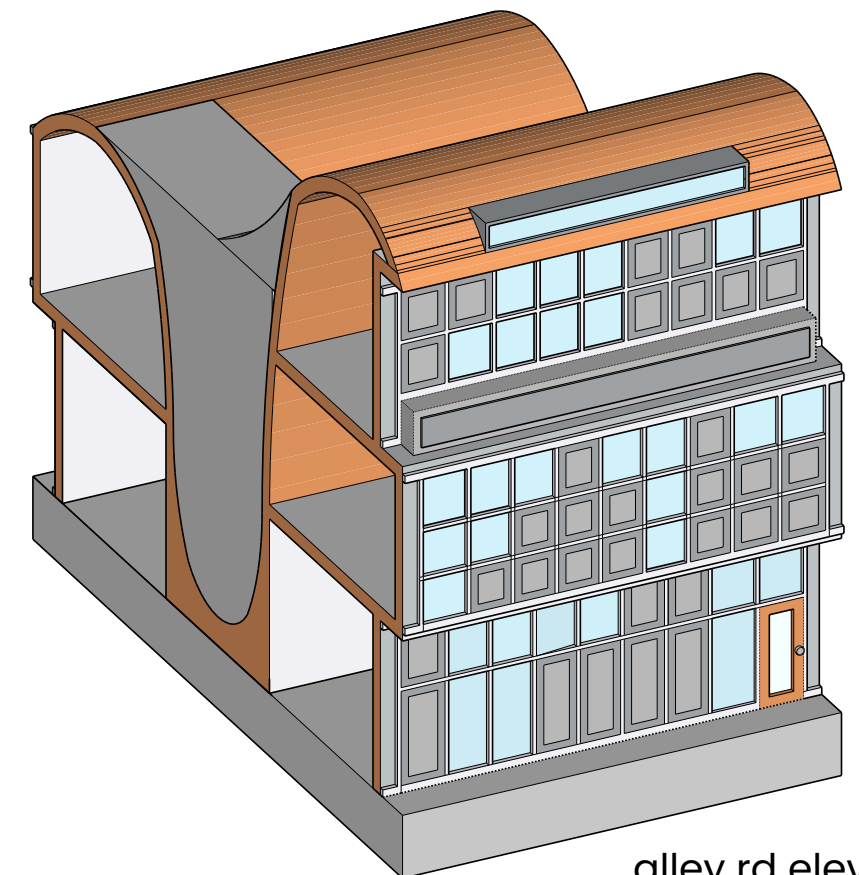
site context Providence , RI



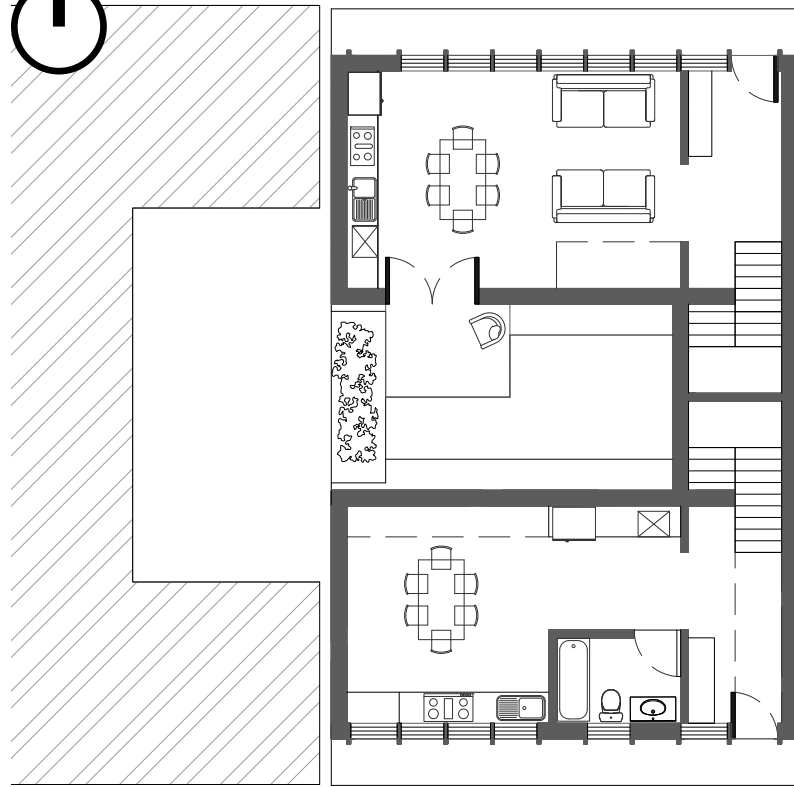
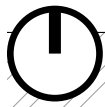
front rd elevation



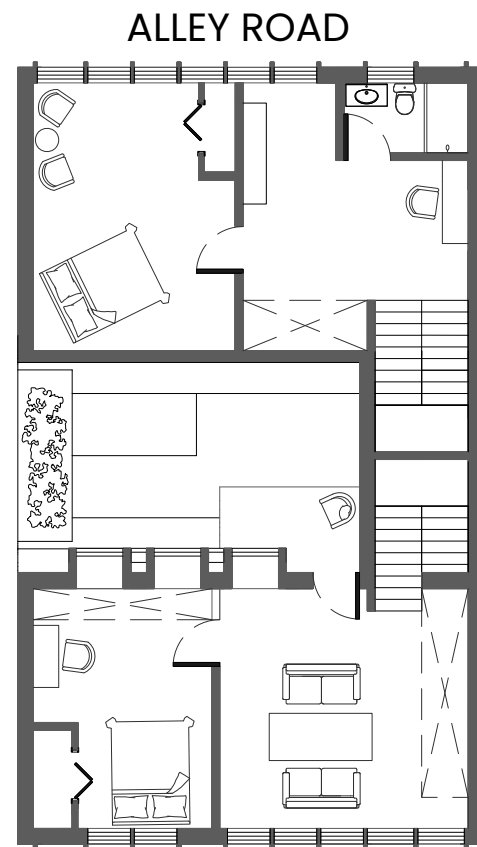
sectional model



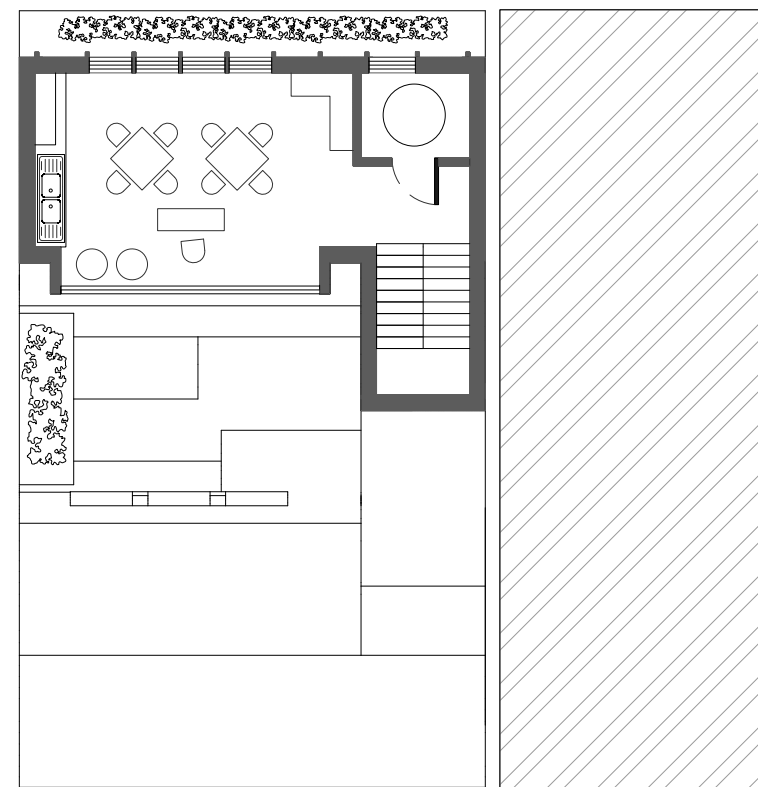
alley rd elevation



(flr 1)



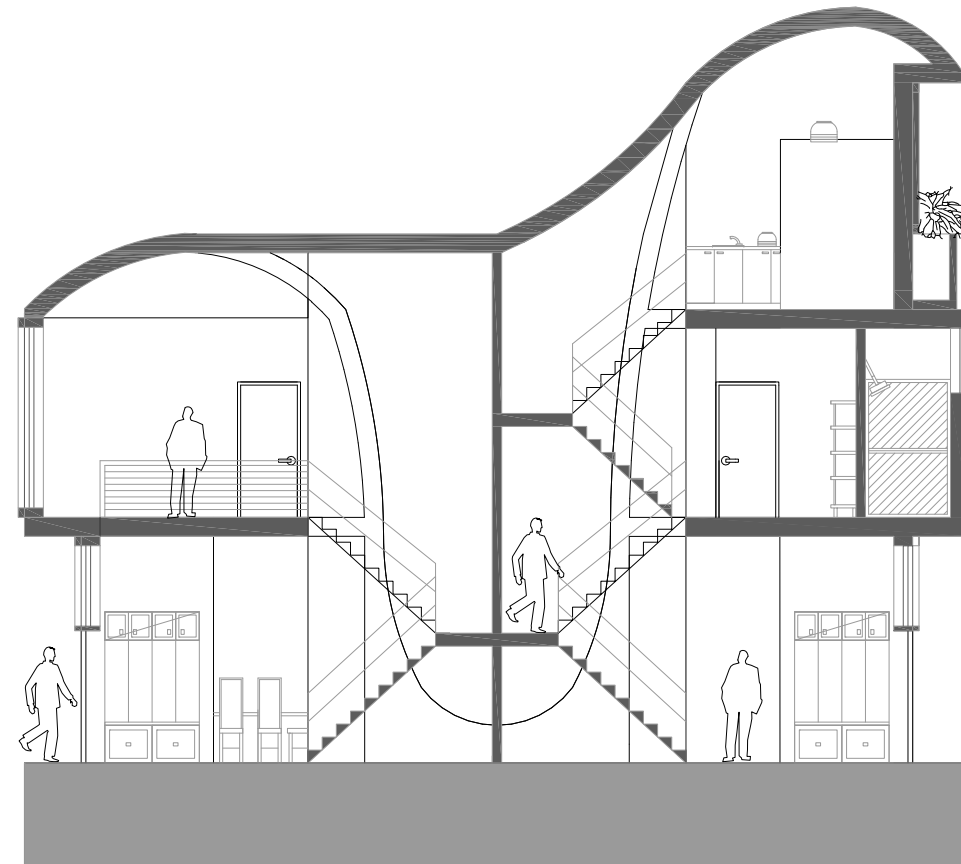
(flr 2)



(flr 3)



section a (ceramacist)



section b (both)



model pictures



front rd elevation



alley rd render



model photos

Project Six: Multigenerational Housing Complex

Chicago, IL

Spring 2024; Arch 214



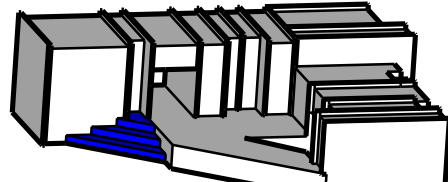
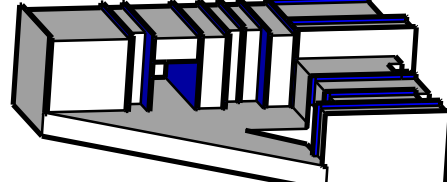
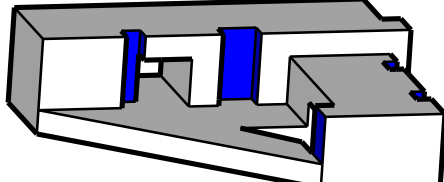
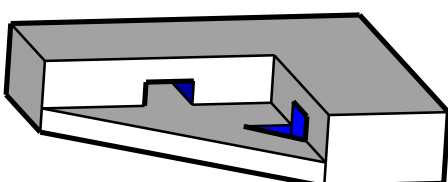
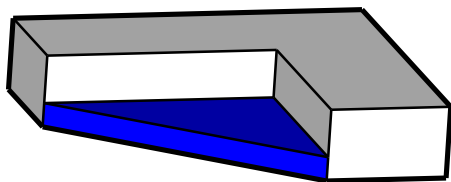
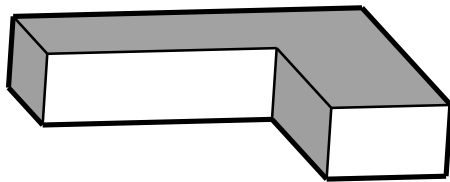
06

The creation of a multigenerational housing complex in Chicago, IL. Requirements include: communal spaces, a variation of unit sizes, some type of parking space, and outdoor shared green space.

Chicago, IL

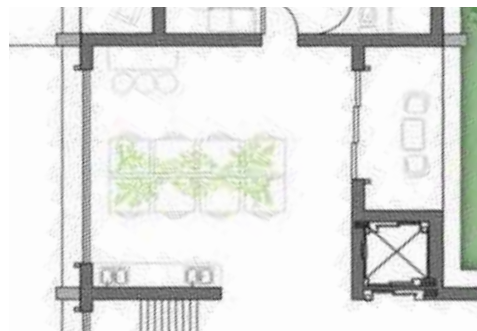
Upon initial site analysis, the design of the finished building is inspired by the work done during the Chicago school, with an emphasis on steel reinforcement in masonry construction. Specifically, in the precedent of Crown Hall located at the Illinois Institute of Technology, the design of the apartment uses expansive steel girders to fit in with the local Chicago landscape while also picking up on the tall and narrow nature of the row houses. When looking at this finished product, one can begin to understand how the structural and gridded frame begins to stand out in the design, allowing for overhangs and cantilevers.

The apartment building has a shared laundry space, a hidden parking garage on the access roadside, a daycare space for children to go when parents are gone for the day, and a woodshop where residents of the community can teach people the skill of woodcraft. The design of the building in simple terms is an L-shaped anchor that is attached and grounded to the site by a raised podium green space. With the green roof space, people of the complex can come together and enjoy the outdoors in a more privatized setting raised above the street level. Overall, the design of the apartment takes on an outward-looking approach, keeping in mind the sun and creating significant views for the apartments.

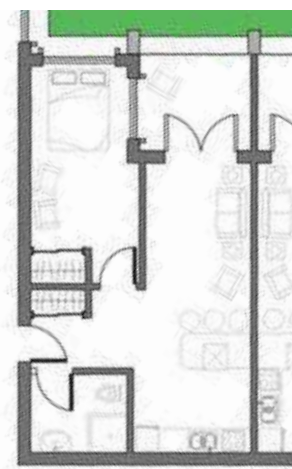


subtractive diagram

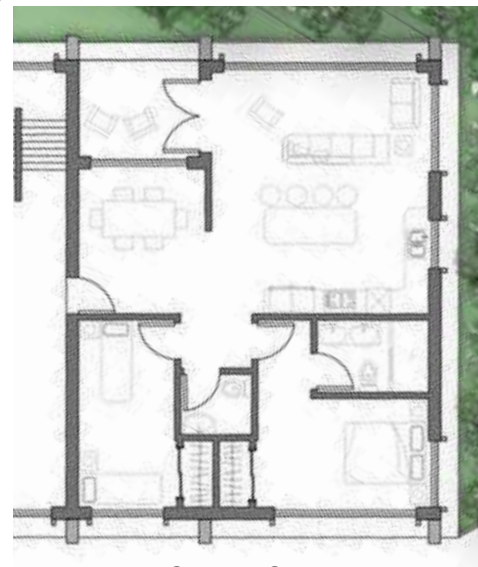




shared laundry



1 BD, 1 BR
600 SQFT



2 BD, 2BR
1000 SQFT



3 BD, 2BR
1300 SQFT



shared space: daycare



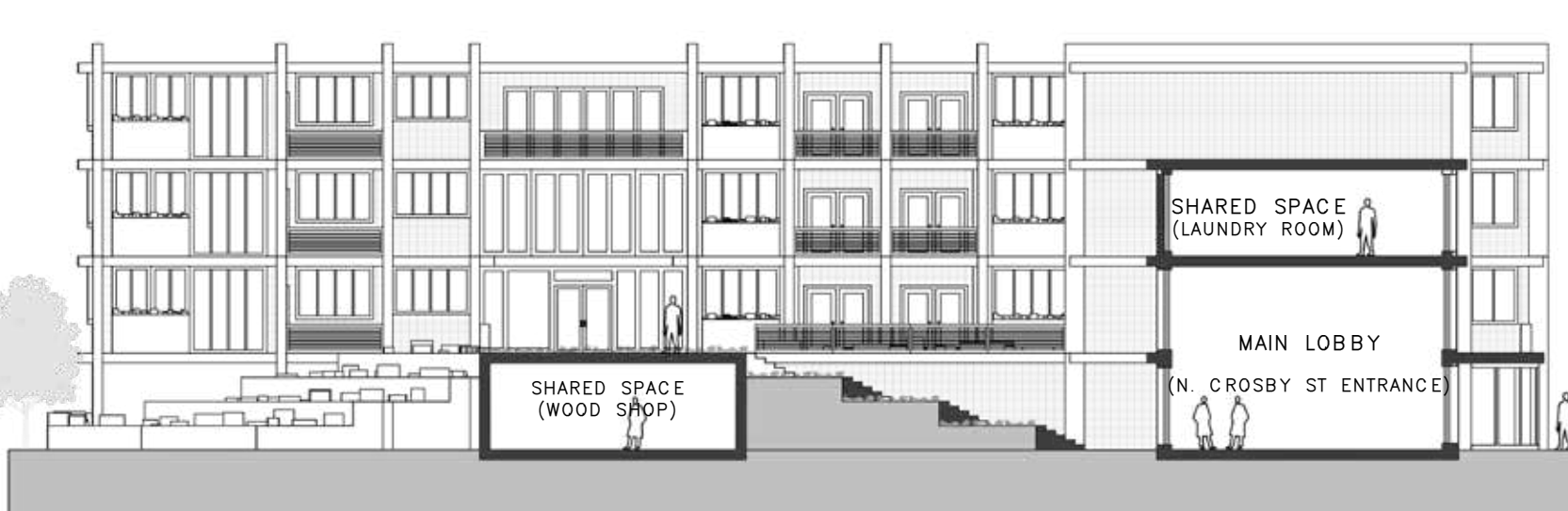
shared space: wood shop class



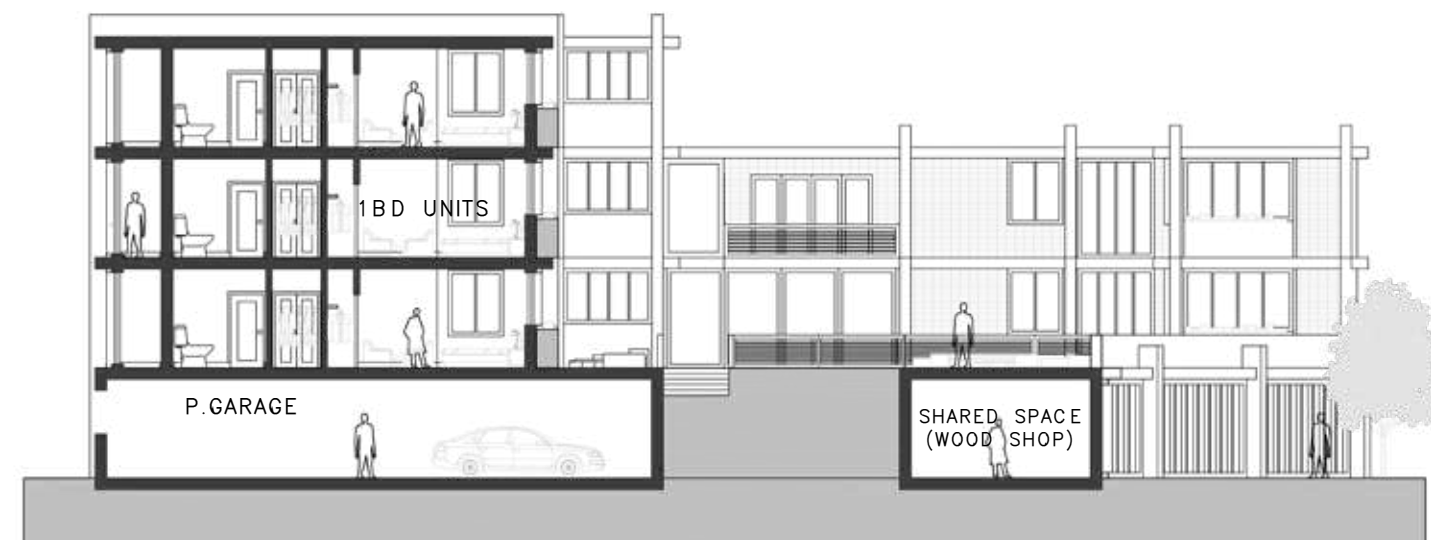
render one



render two



section a



section b



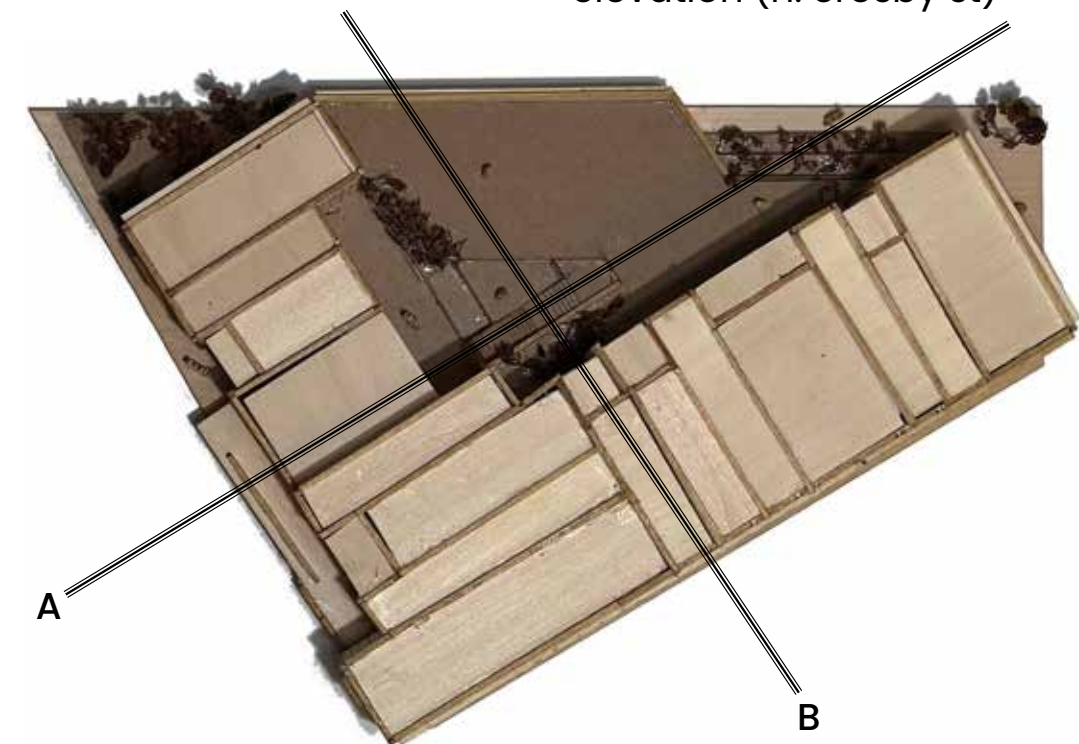
elevation (alley rd)



elevation (n. crosby st)



elevation (w. hobbie st)





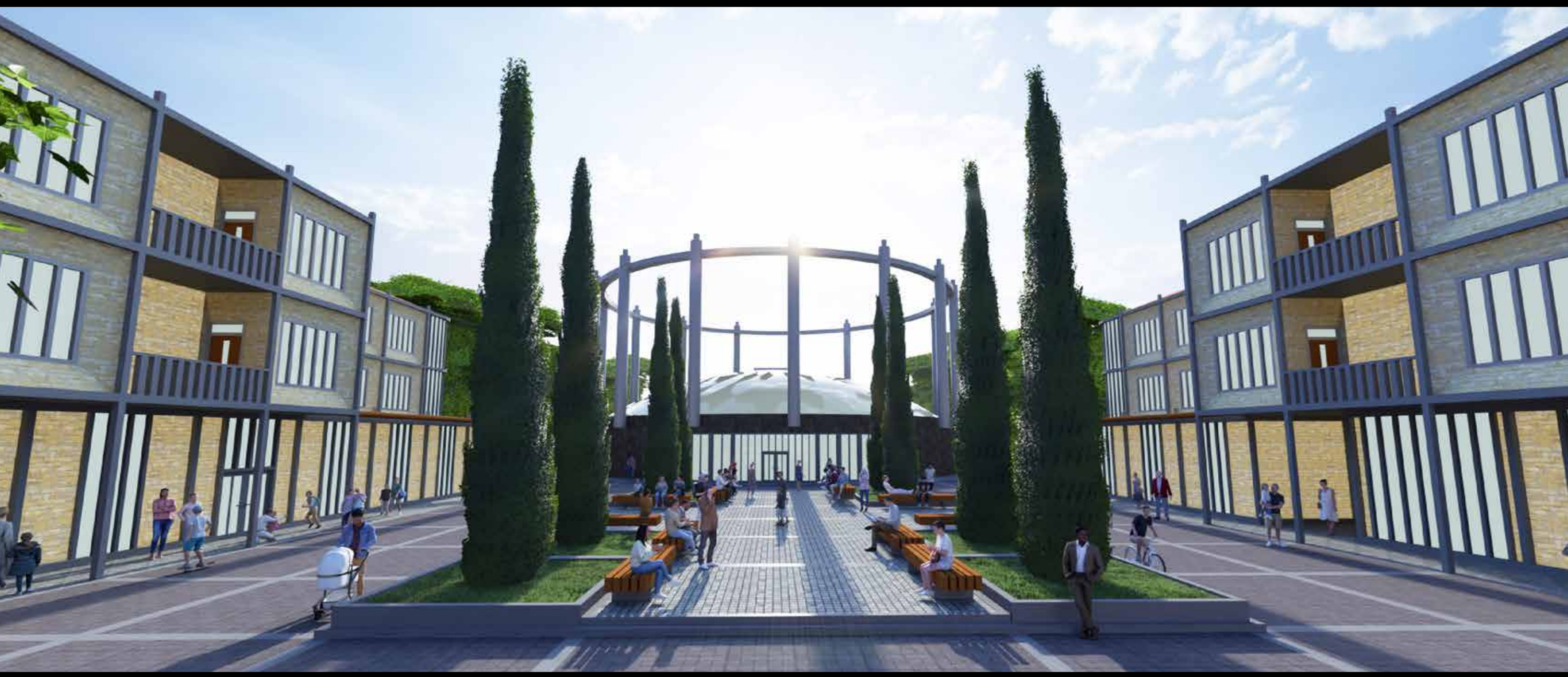
chicago model photos, 1/16" scale

Project Seven: Anconella Gasometer Park Renewal

"Piazza della Rinascita Industriale"

Florence, Italy

Fall 2024; Arch 416



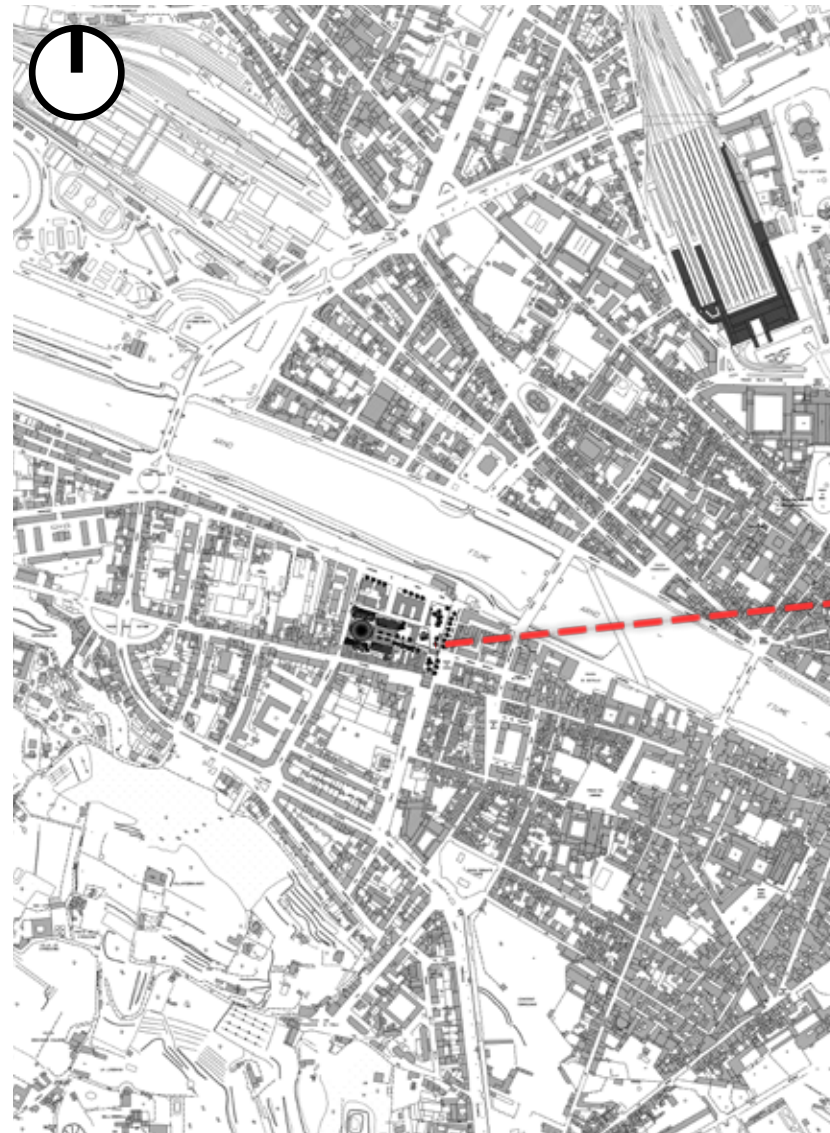
07

A project completed during a semester abroad, the Gasometer park aims to re-envision the context in which it resides. Through careful contextual observation, life is brought back into the historic neighborhood.

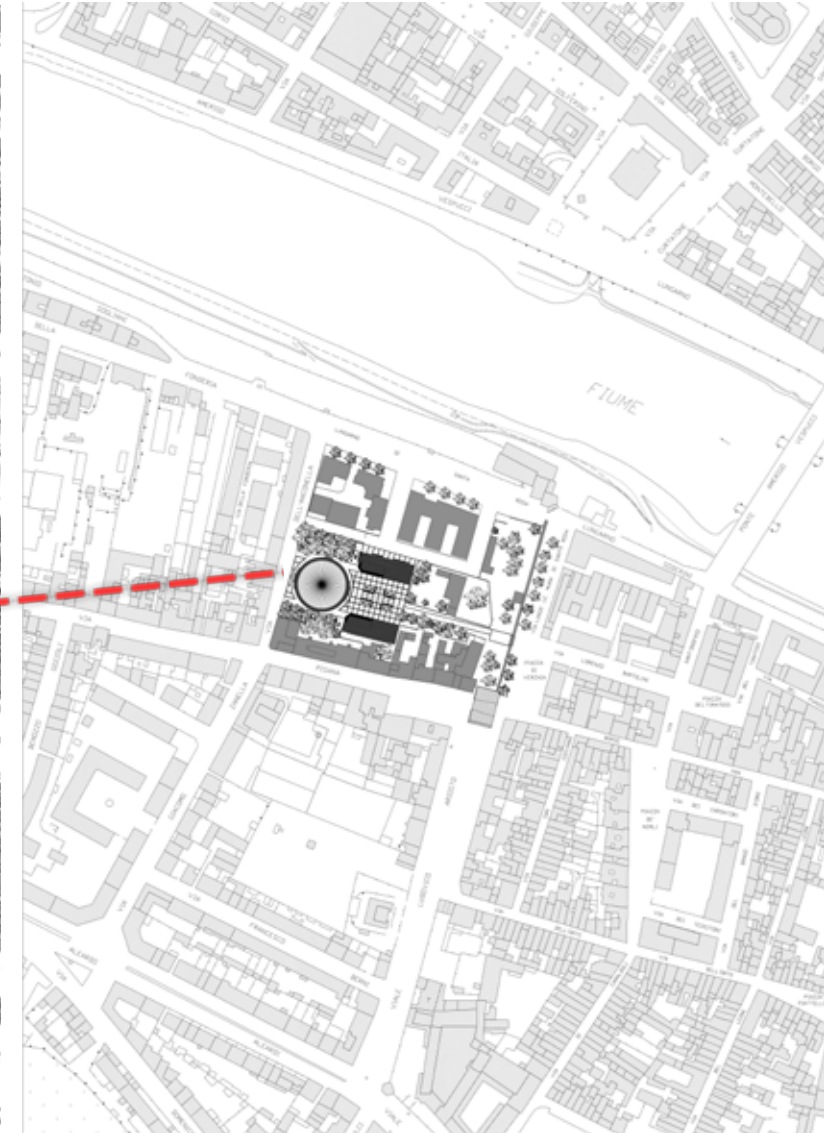
“Piazza della Rinascita Industriale” (Industrial Rebirth)

The Anconella Gasometer Park located in Florence, Italy is a part of a larger network of parks and recreational areas along the Arno River. The park takes its name from the gasometer, a large cylindrical structure that is a historical remnant of Florence's industrial past. In its current state, the park has fallen into disrepair, with little attention paid to the leftover green space between the existing structures and the gasometer itself, leaving a sense of disconnect. In order to revive this urban landscape, the proposal seeks to not only incorporate the historically relevant gasometer, but highlight it as a monument and attraction to the area. Currently, the site is home to an elderly center, a mental health institution, and low income housing with a school. These buildings are demolished creating a cohesive experience of pedestrian access between the cities' historic city walls to the gasometer. Presently, the site feels fragmented, with little attention paid to the layout of the buildings creating a sense of separation.

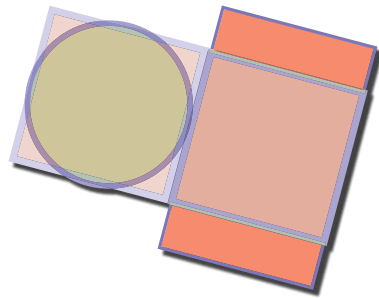
The two new proposed buildings seek to combine both living and public space, keeping in dimension with the gasometer, while framing as a historic structure. Between these two new proposed buildings, an expansive piazza space is created in the same dimension of the new building and the gasometer. With the piazza, a seamless transition from the heavy gasometer to the open and airy empty space is created. The proposal also calls for the gasometer, converting it into a sports center and walking track, using all available space, therefore creating a democratic attraction meant to be utilized by all. The goal of the project is to create a site specific complex that is able to keep to the historical past while expressing its own modern character that invites the individuals of the community to interact. With all elements considered, a peaceful place is invented away from all the bustle of the historic city center.



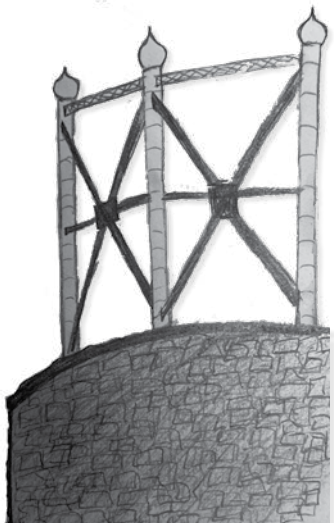
site plan 1:5000



site plan 1:2000



parti diagram



gasometer on site



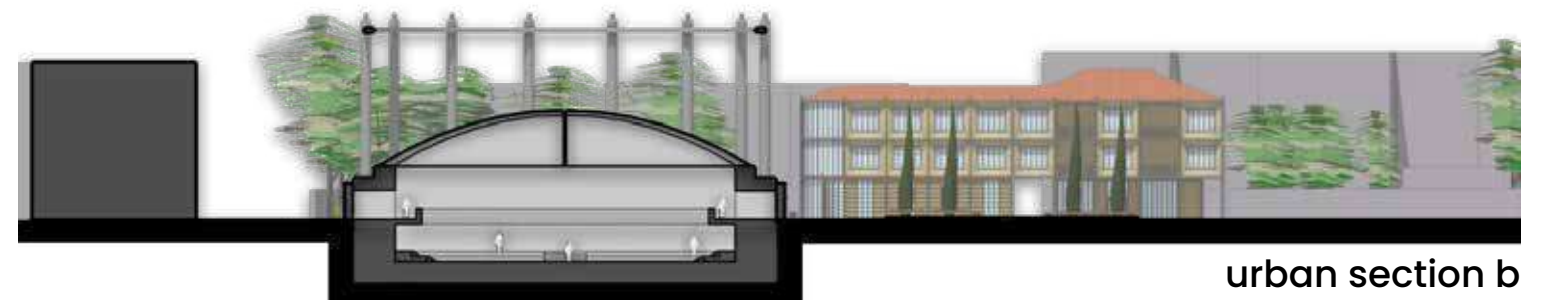
site plan 1:1000



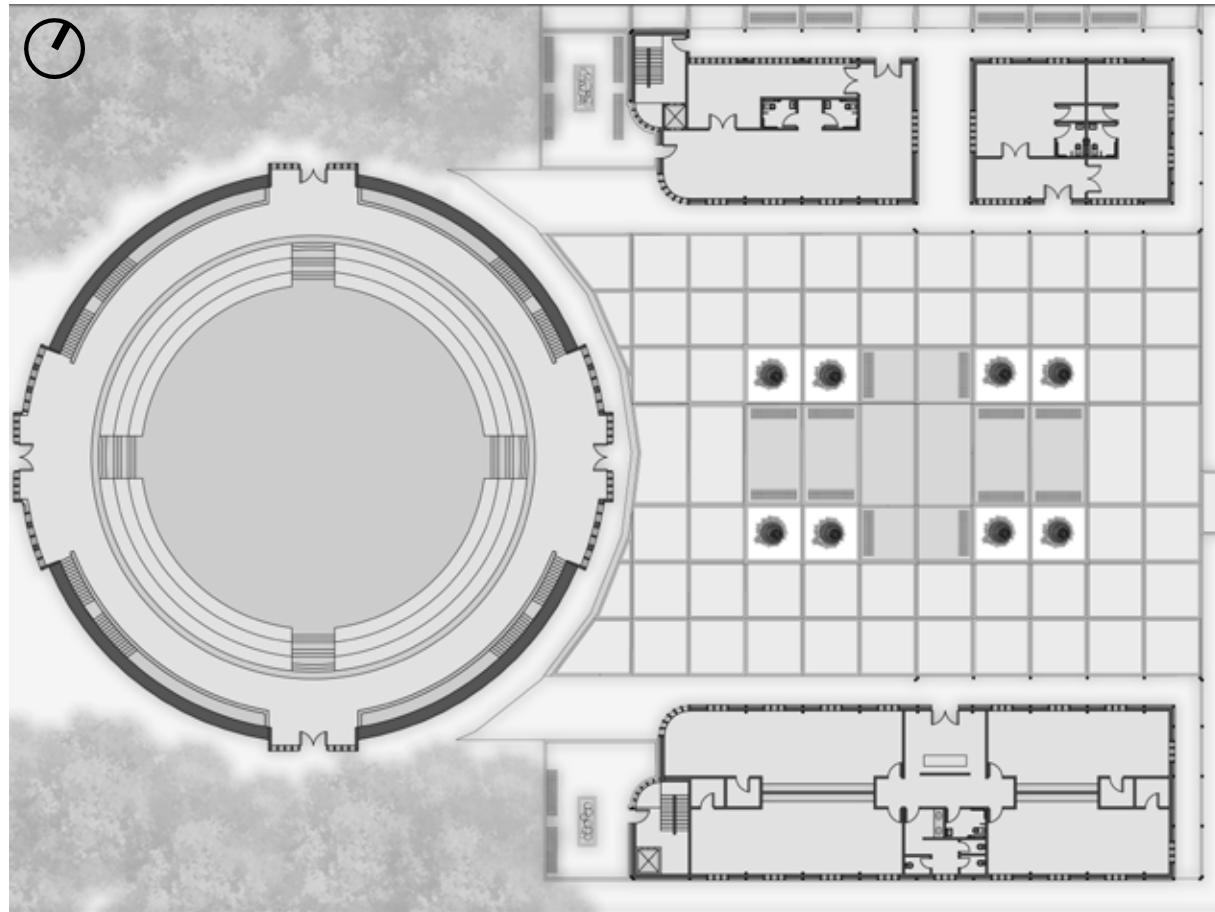
site axometries



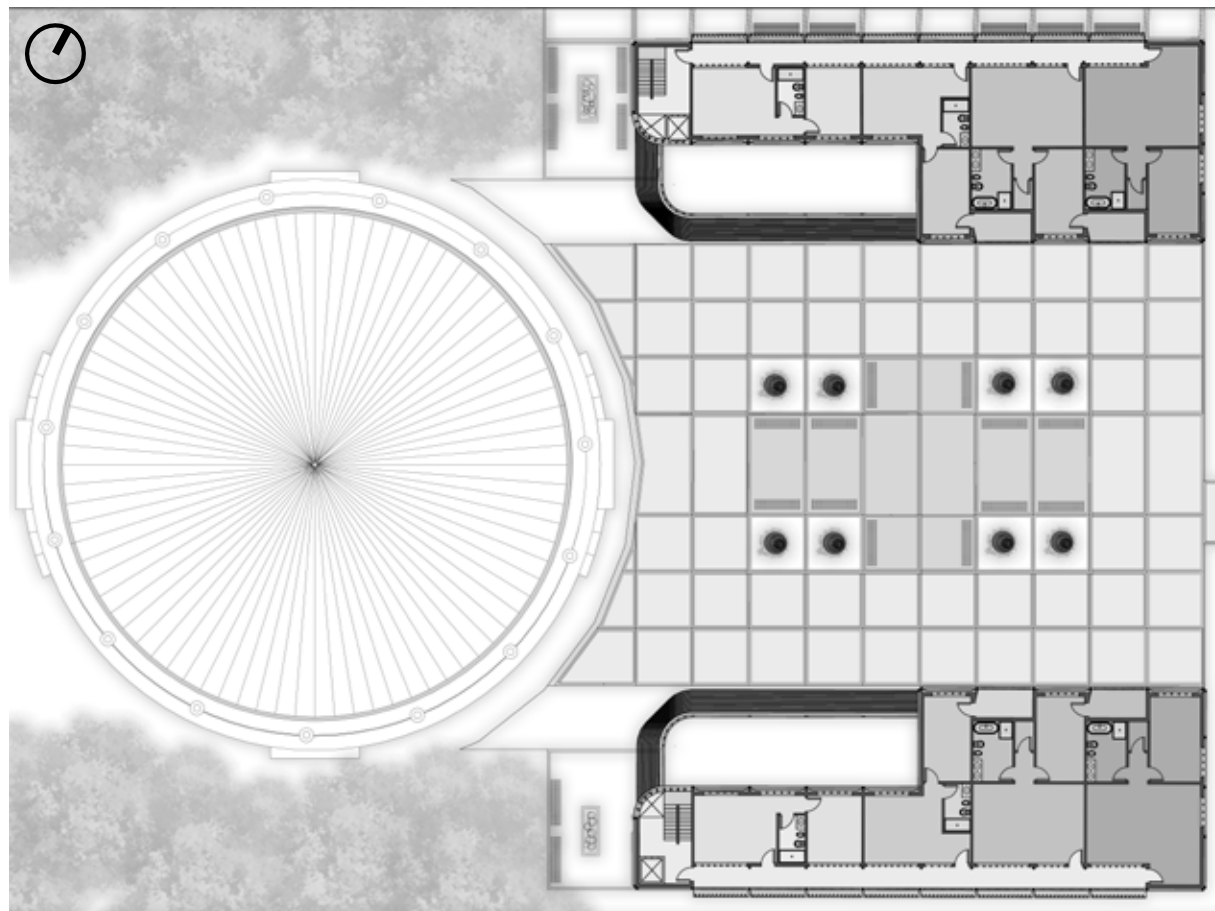
urban section a



urban section b



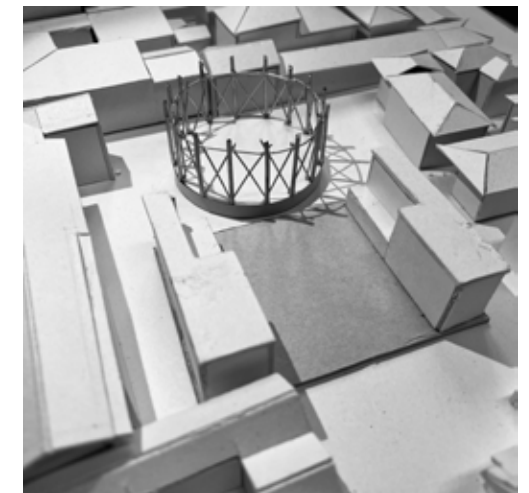
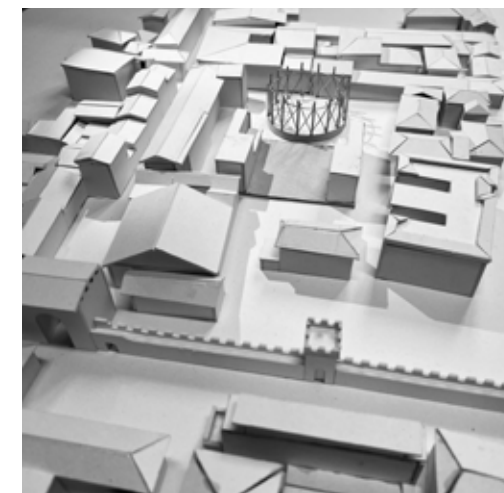
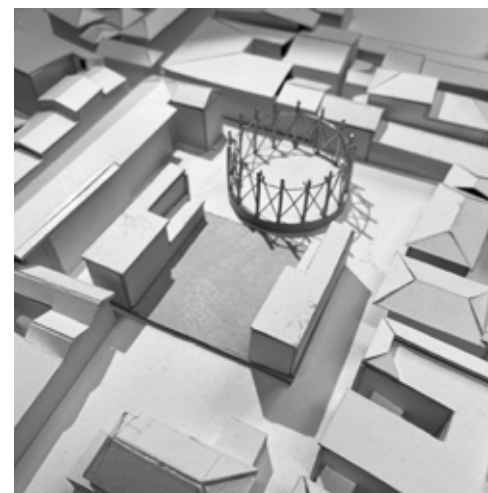
ground floor plan 1:500



upper floors plan 1:500



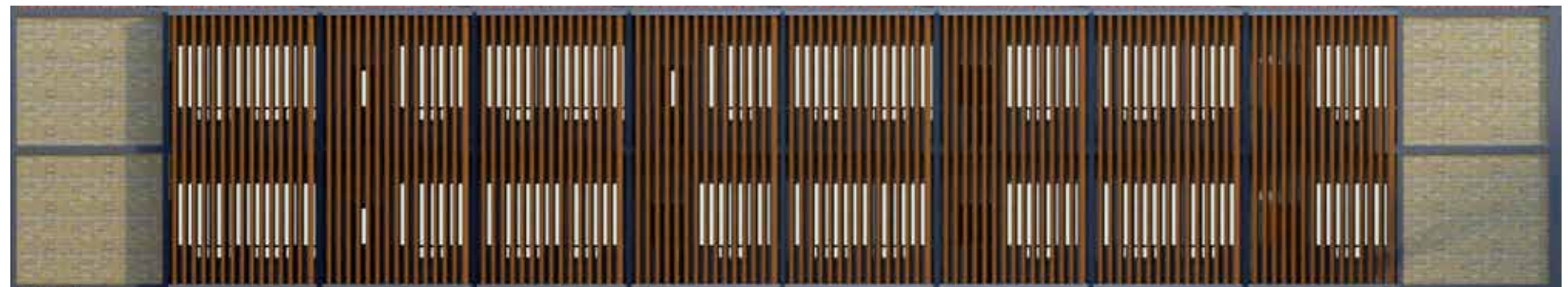
roof view 1:1000



model photos



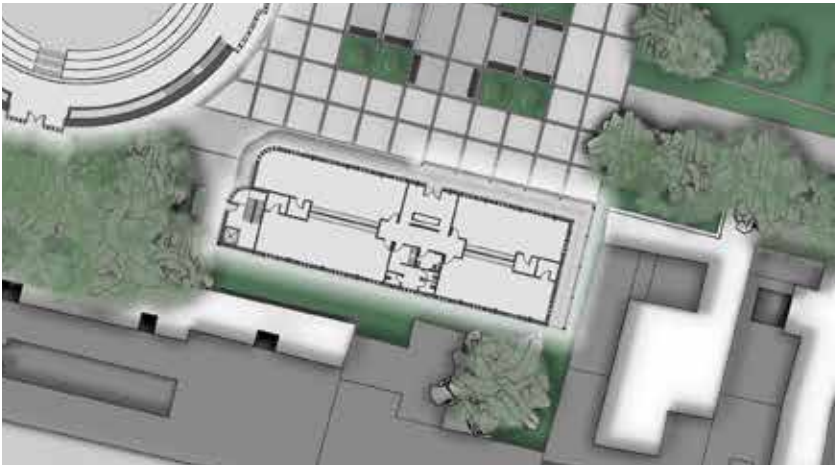
local buildings to site



facade design in Florentine spirit



renders N. building



renders S. building

Project Eight: Ad Agency Headquarters

"Ordered Chaos"

Providence, RI

Spring 2025; Arch 313



08

Located right in downtown Providence Rhode Island at the transition point between the Jewlery District and College Hill, the conversion of an empty parking lot into a "Design HQ" headquarters with emphasis on heavy timber construction.

“Ordered Chaos”

Located in Providence Rhode Island, the project is a response to the urban fabric of the Providence River, located at a key intersection between the historical college hill and the strictly downtown area of the city. “Ordered Chaos” gets its name from the strict logical approach to the placement of the prefabricated wood panels that adorn the exterior; every panel placed is meant to relate the heavy timber wood construction and column placement below. The interesting shape of the site creates significant views towards the Rhode Island school of Design and Brown University. Conceptually, the building is meant to magnify the city’s staple of the skyline: The Superman Building, creating a distinct tower at the corner closest to this architectural monument.

This building, an advertisement HQ serves the purpose of a cafe and gallery space to the public and has offices, conference spaces, and amenities for the employees of the building. The main East Facade gets its design from the structure that lies below- every panel is based on the module of the column, allowing each panel to be prefabricated and lifted into place. The column’s throughout the building follow the same spacing both East-West and North-South, allowing for highly functional open floor plan offices on the upper floors. Just like these ordered columns, the bump outs are created on the East Facade and created with the same logic, being based on the module of the column and being placed halfway between the column span. Both the north and south facades have a similar design logic, with the stair circulation being magnified onto the facade. Instead of pushing out like on the main East facade, this same module pushes in due to site constraints.



photo collage



site context: mural



sketch on site

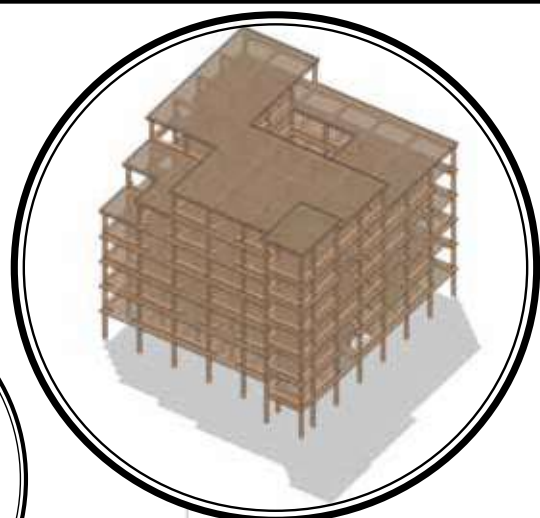


Providence site plan

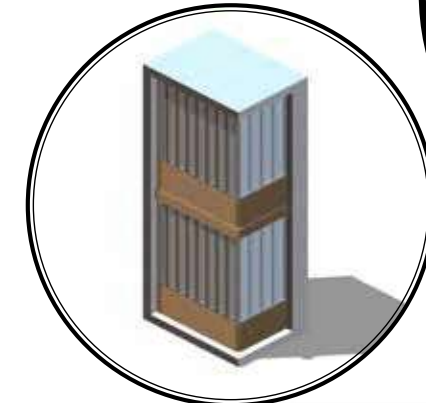




context



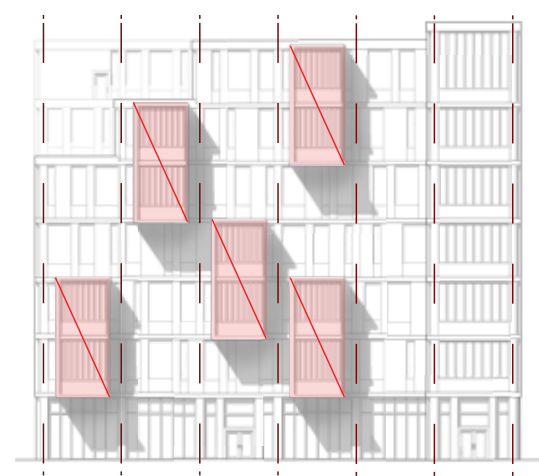
structure diagram



extruded element



east elevation



proportion diagram



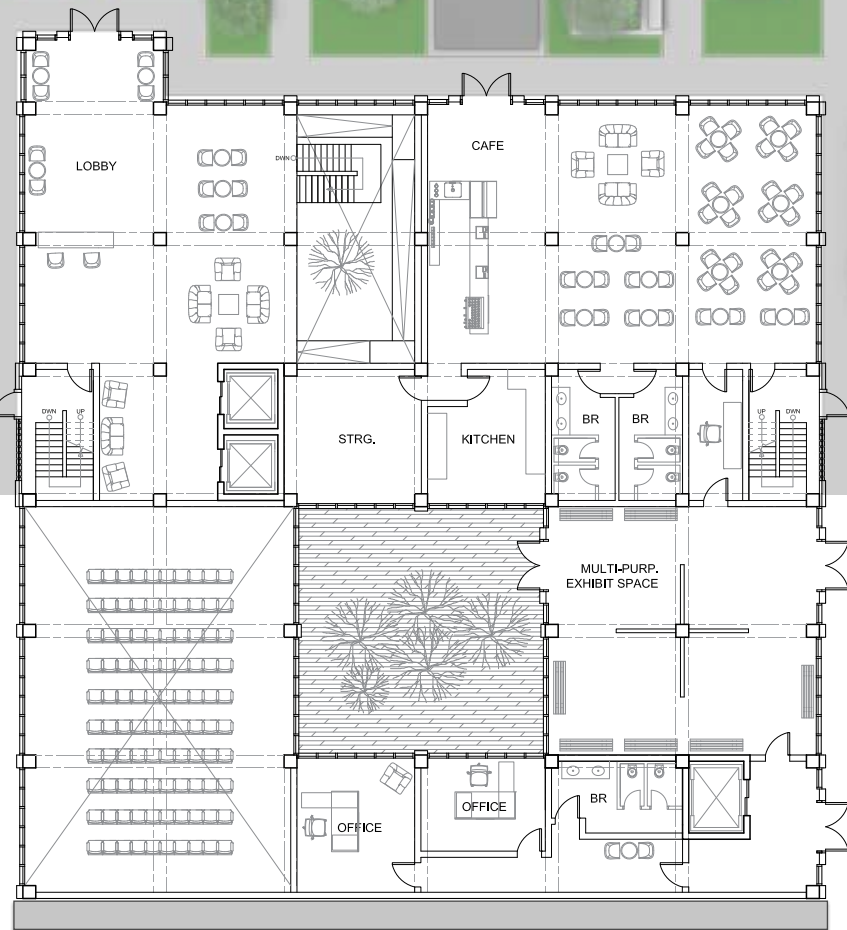
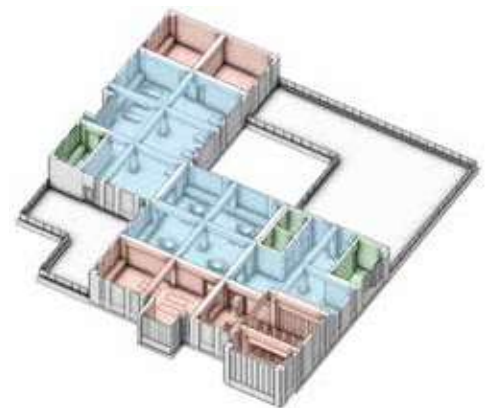
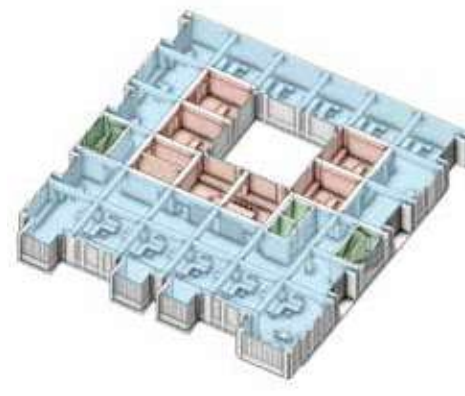
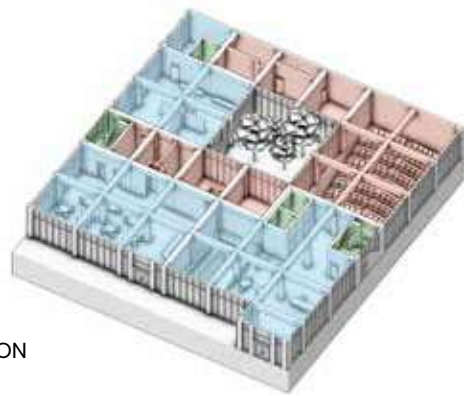
south elevation



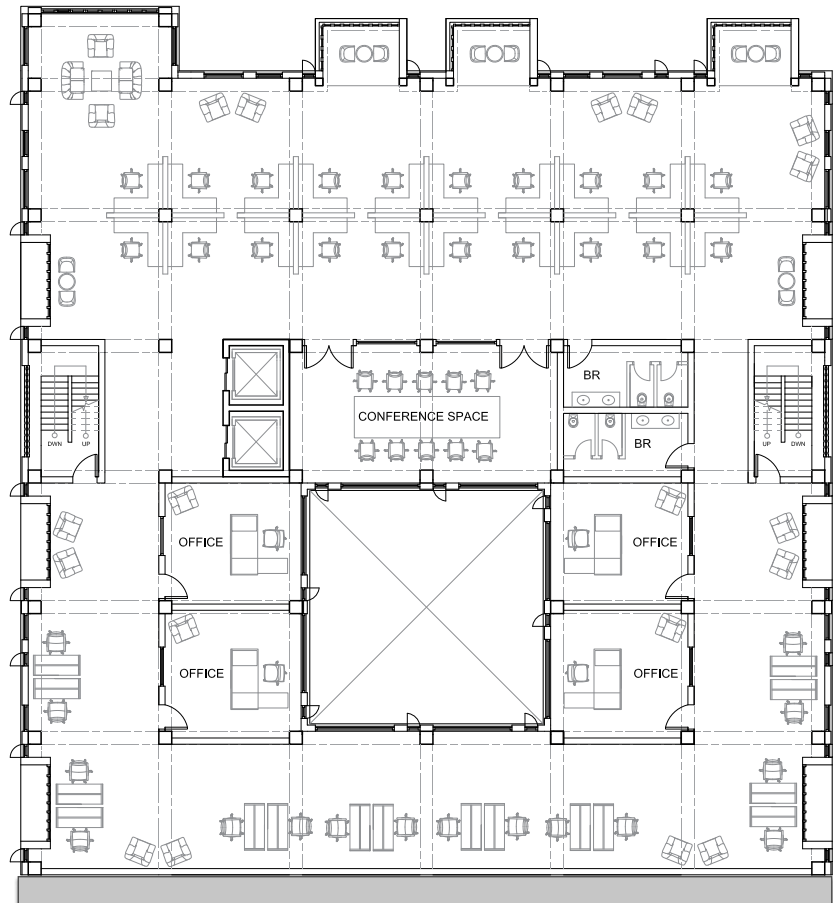
north elevation



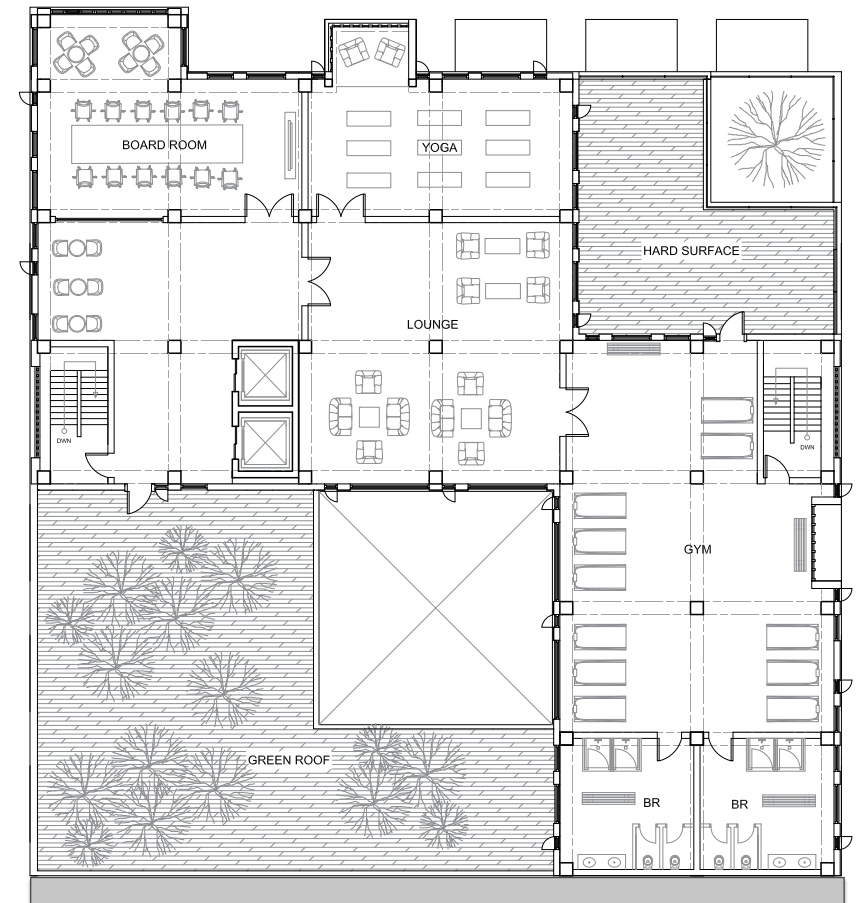
- PRIVATE
- PUBLIC
- CIRCULATION



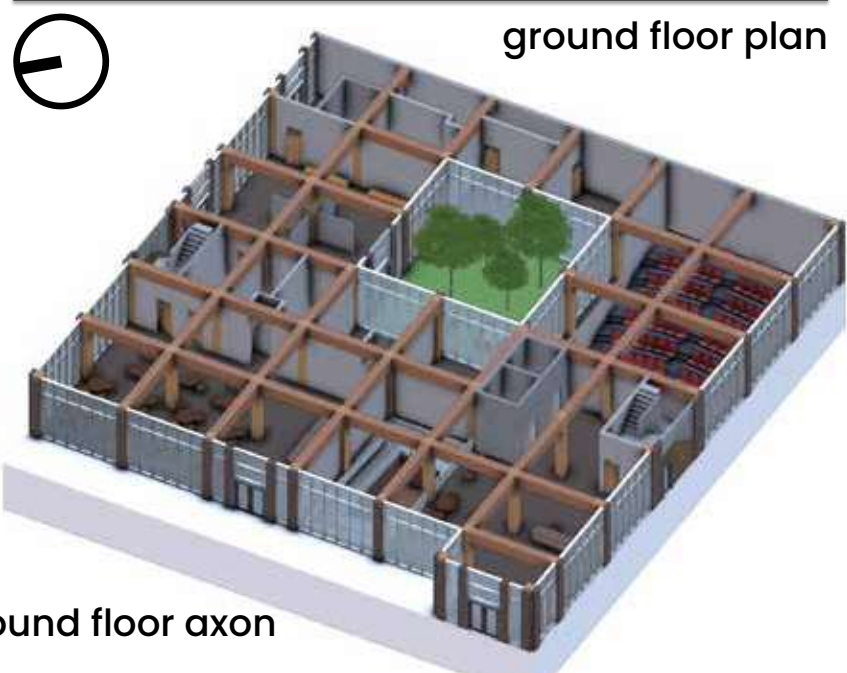
ground floor plan



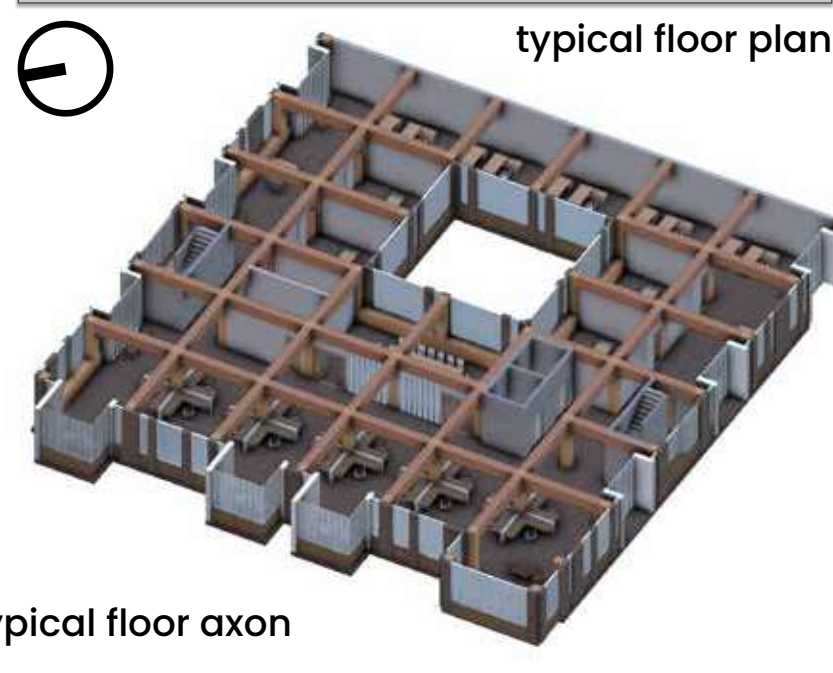
typical floor plan



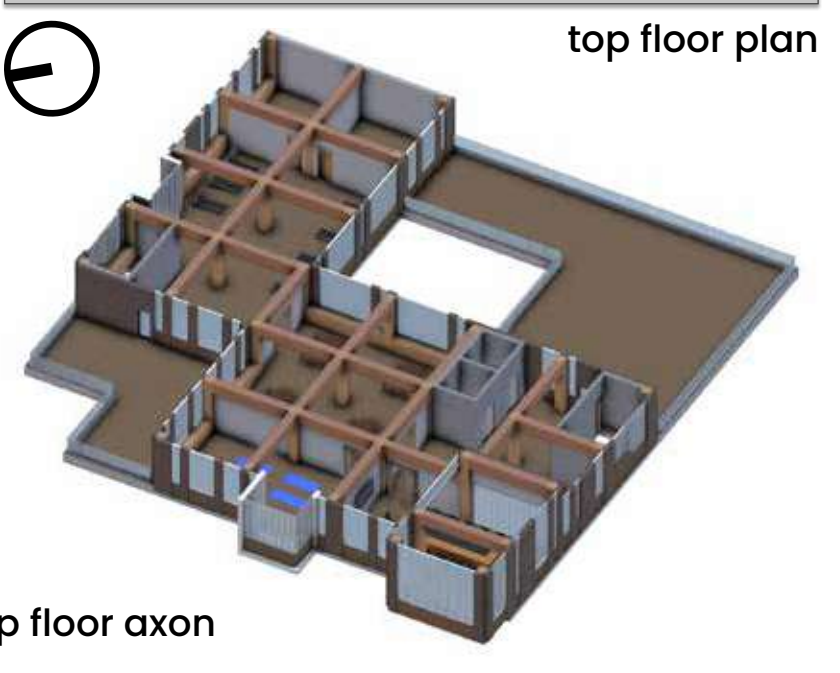
top floor plan



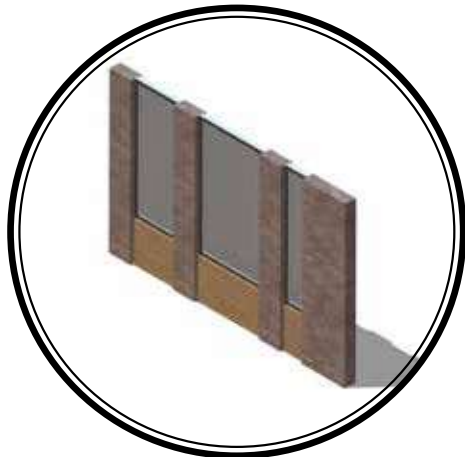
ground floor axon



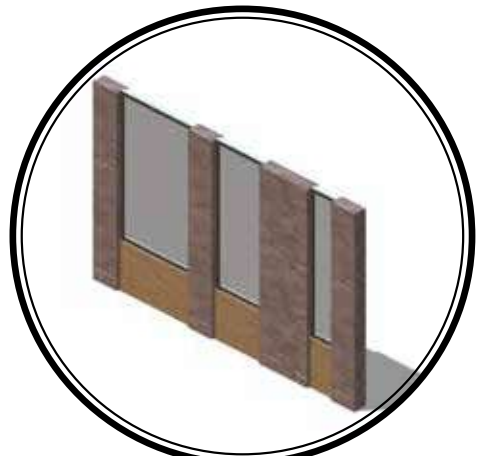
typical floor axon



top floor axon



pre-fab panel

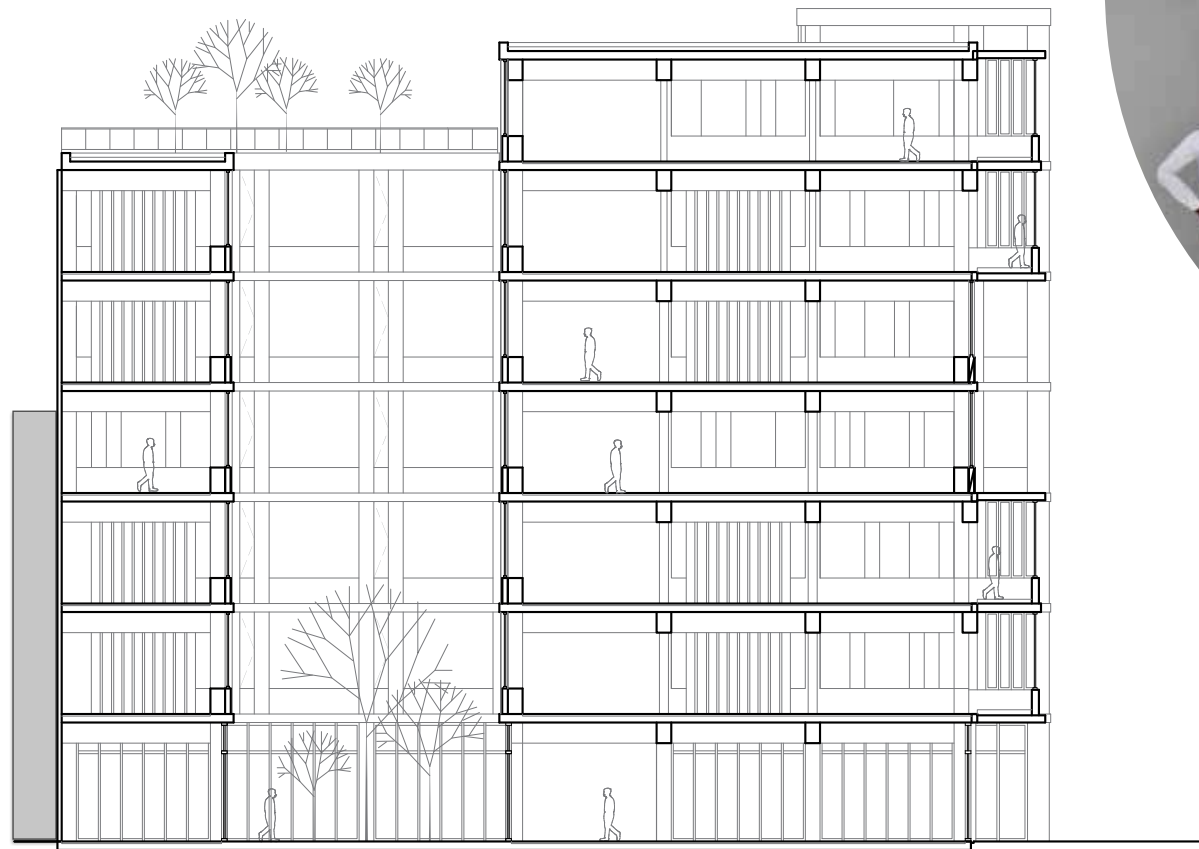


pre-fab panel

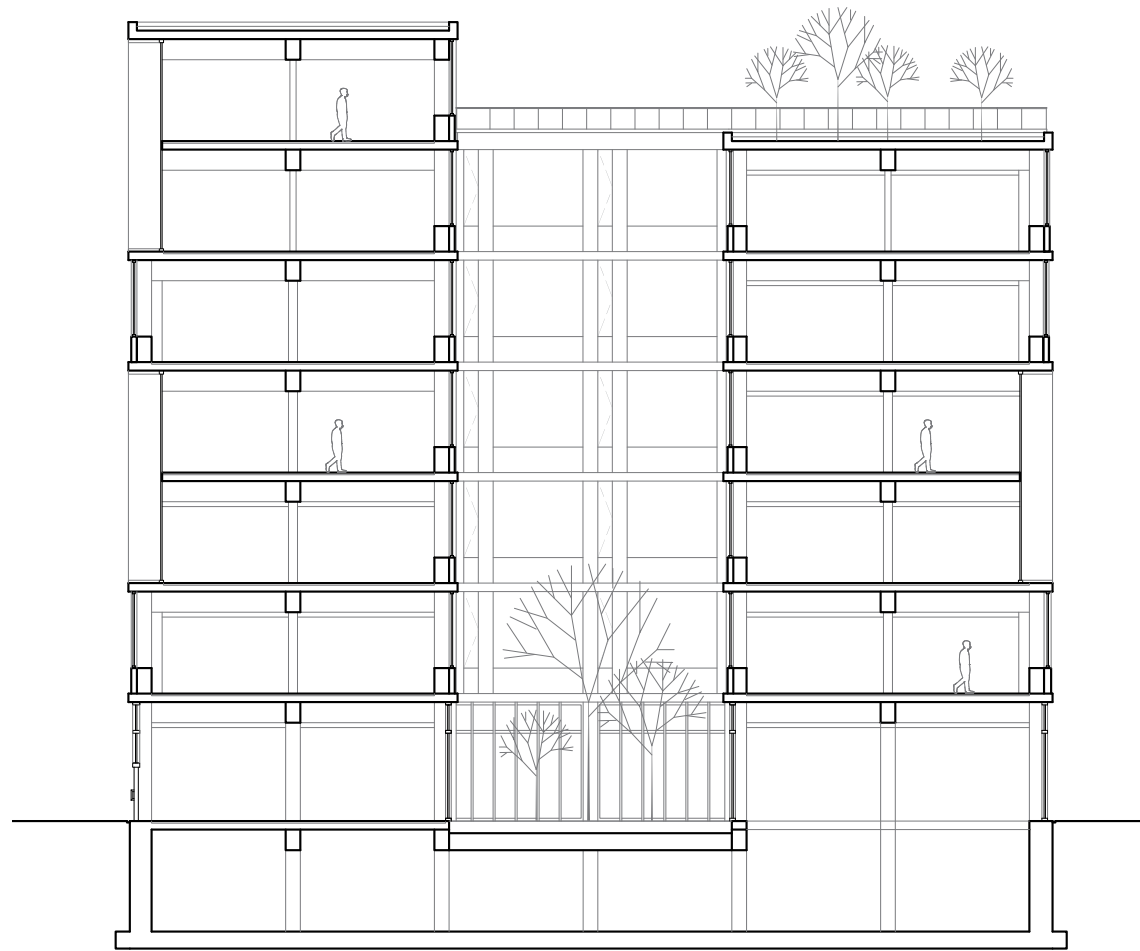


renders: piazza and building in context





east-west section



north-south section



typical floor breakout space



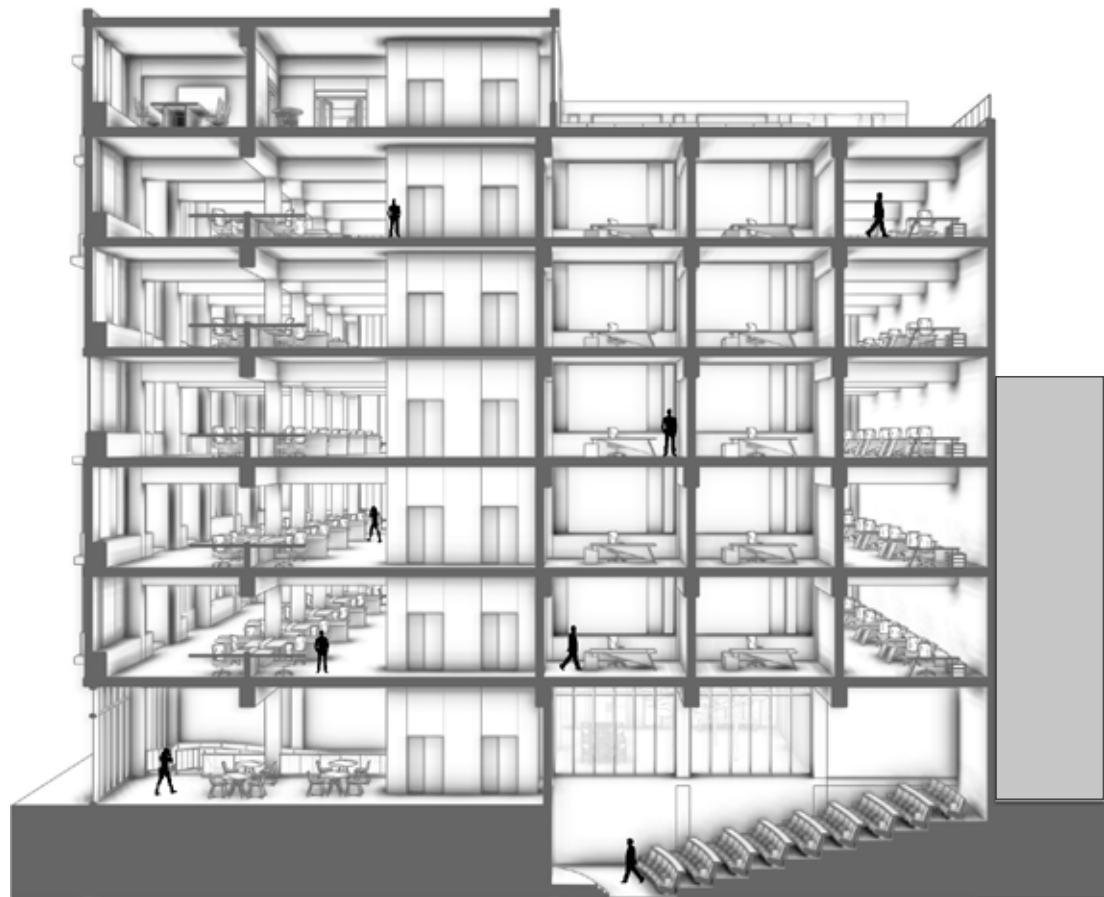
typical floor open concept office



extruded element



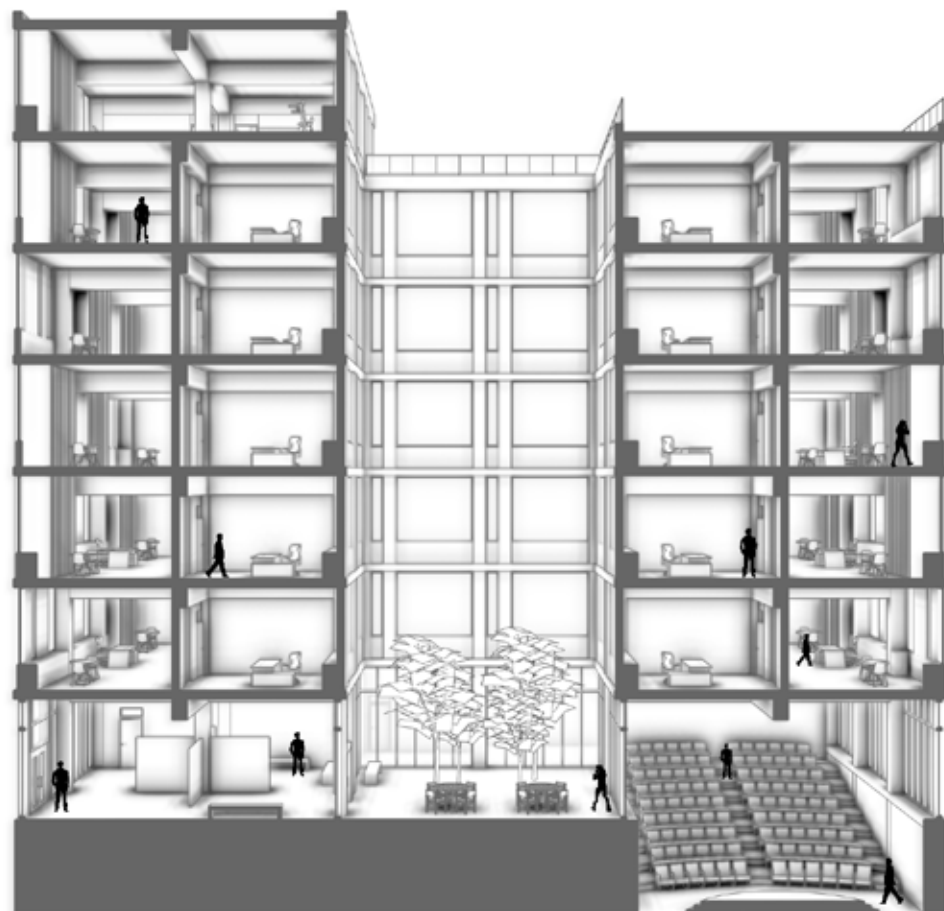
rendered east elevation



perspectival east-west section

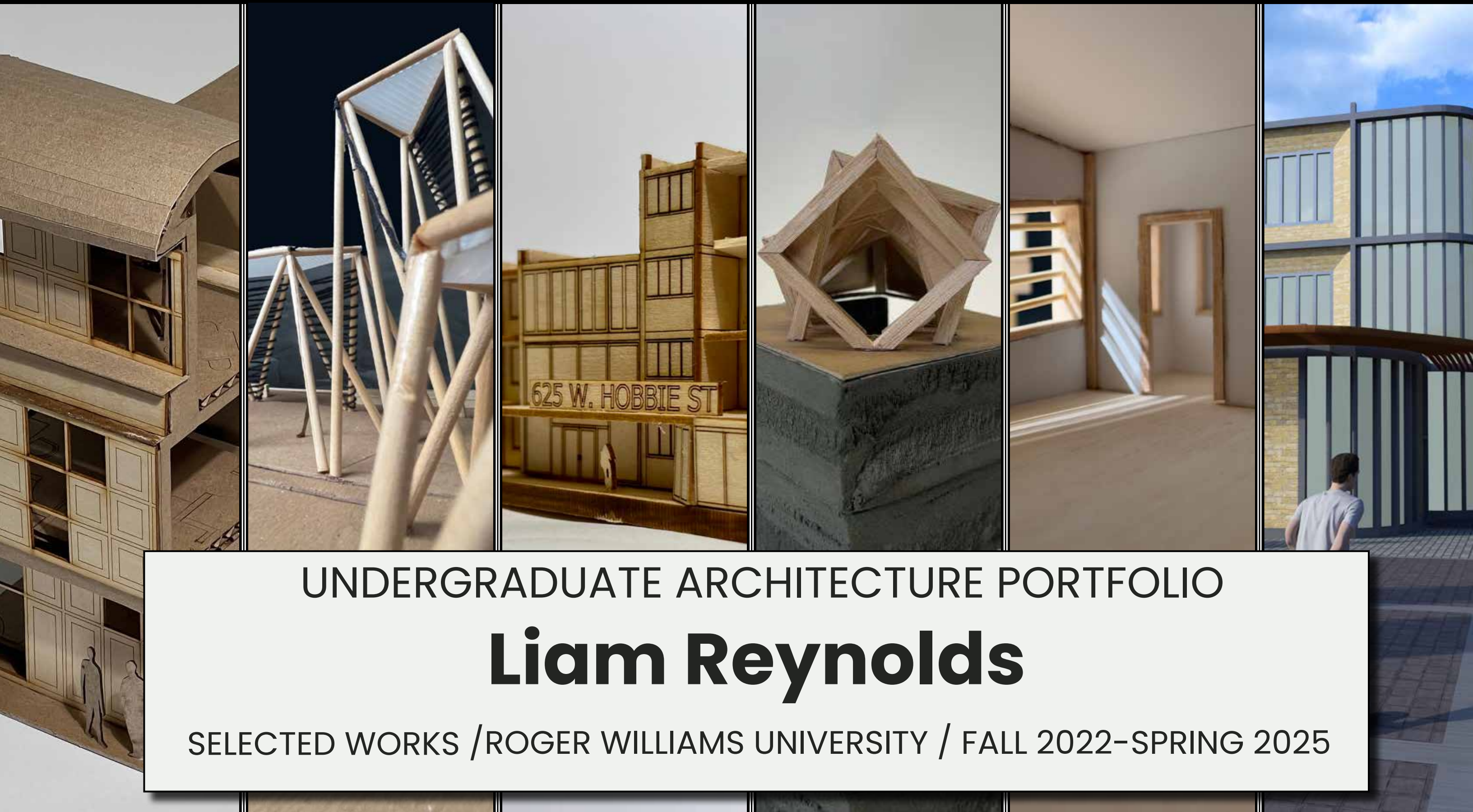


east facade model, 3/32" scale



perspectival north-south section





UNDERGRADUATE ARCHITECTURE PORTFOLIO

Liam Reynolds

SELECTED WORKS / ROGER WILLIAMS UNIVERSITY / FALL 2022-SPRING 2025