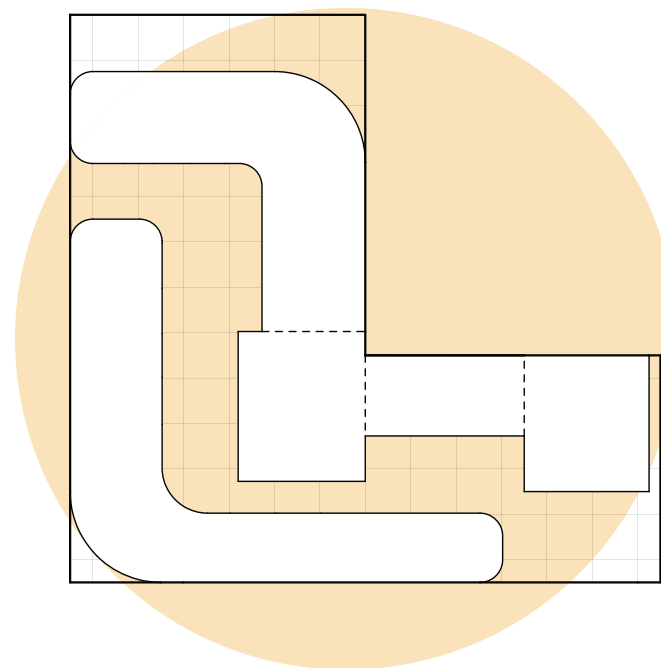


ARCHITECTURE PORTFOLIO

SHEIKH HOSSAIN

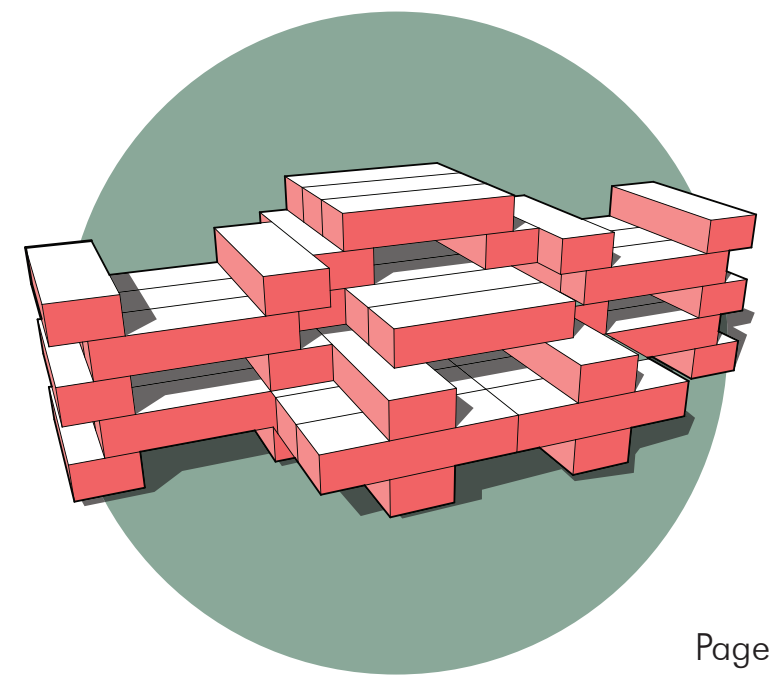
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01 CULINARY INSTITUTE



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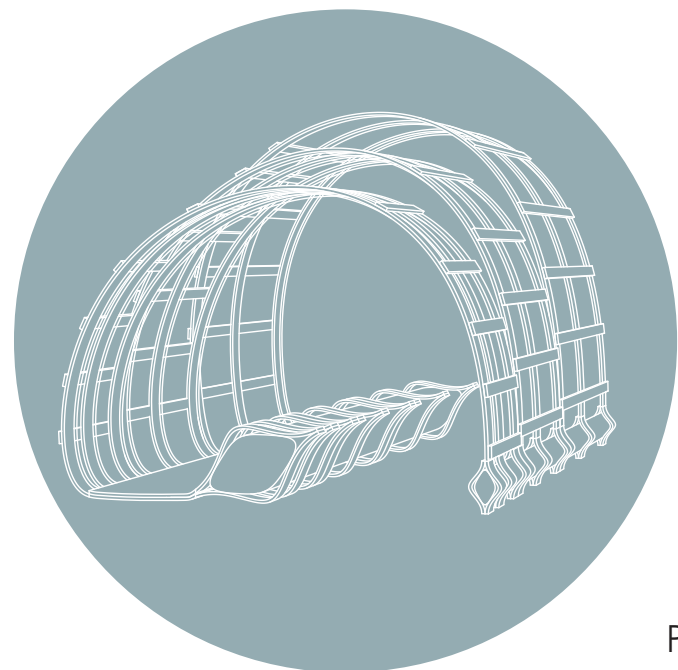
02 CENTRAL CASTING



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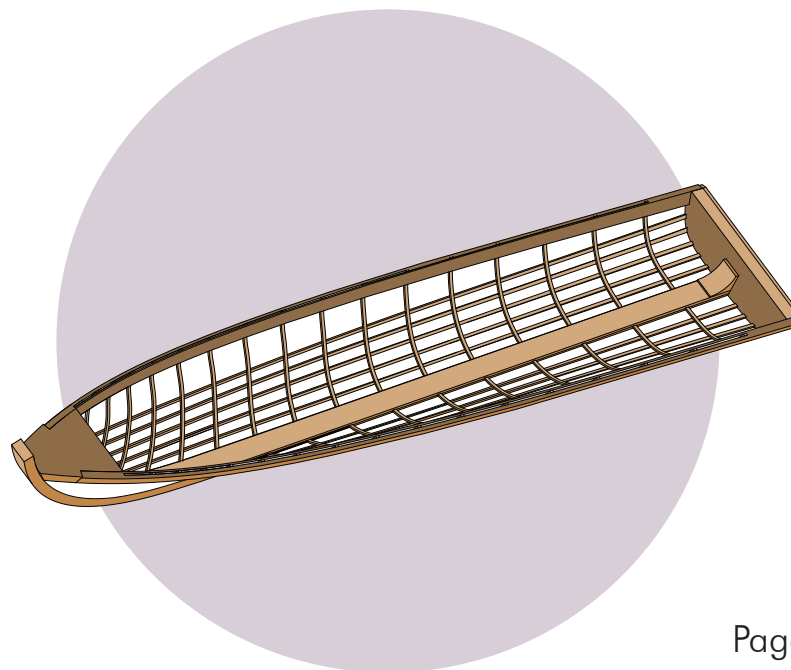
ENCAPSULATE



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04

OTHER PROJECTS



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01

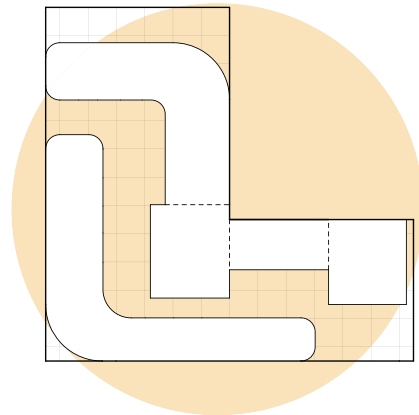
CULINARY INSTITUTE

*Senior Design Studio
Mixed Use Residency/Education Center*

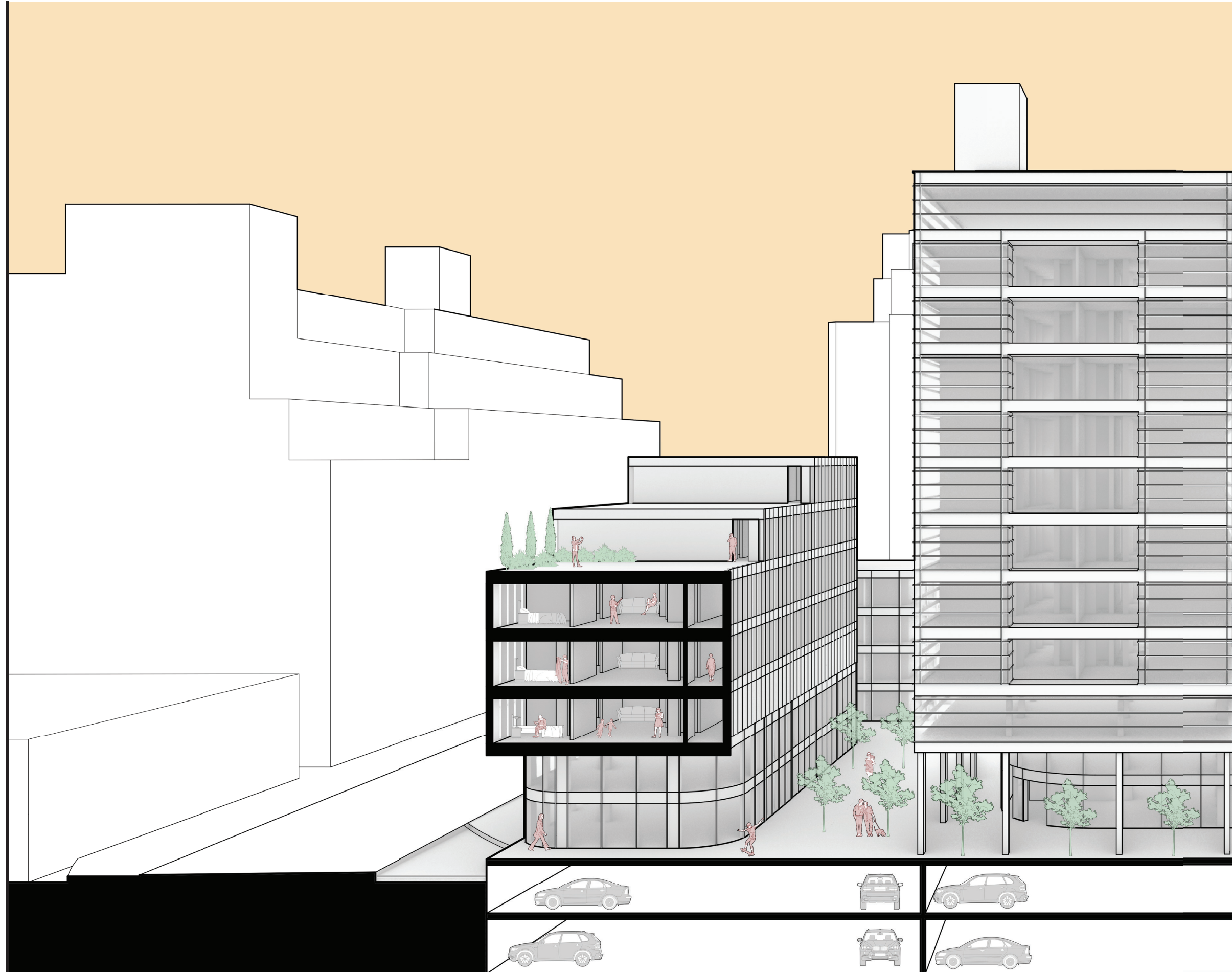
The Culinary Institute is a mixed use housing complex and education institution dedicated to the mastery of the culinary arts. Located in the heart of Restaurant's Row, it will provide an urban hub meant to house and educate up and coming cooks to further their careers in the food service industry.

The project takes its form from the surrounding neighborhood, specifically two main types of building typologies in the Forest Hills area: The Slab, and the Tower. Slab units make up large open interiors used for sizeable residential, institutional and commercial spaces. While The Towers protruding from the center and lower end of the site provide dormitory style housing and a library space. A centralized courtyard provides a clear path of circulation with both exits leading to Public Transportation.

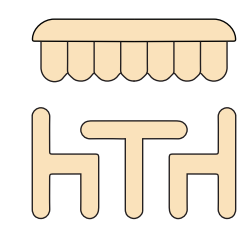
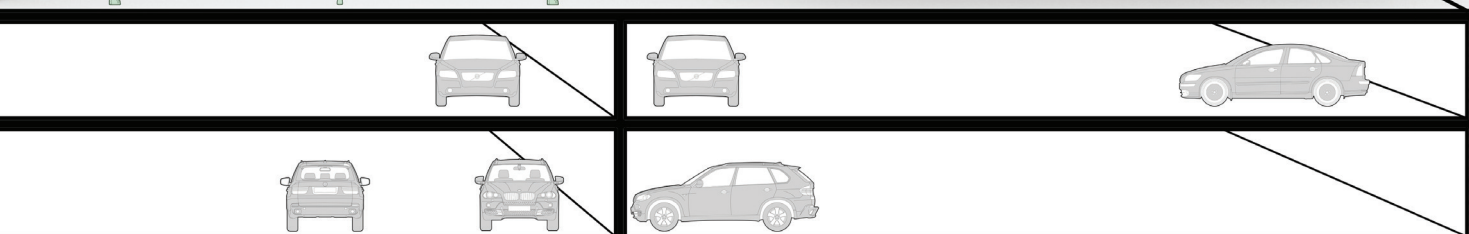
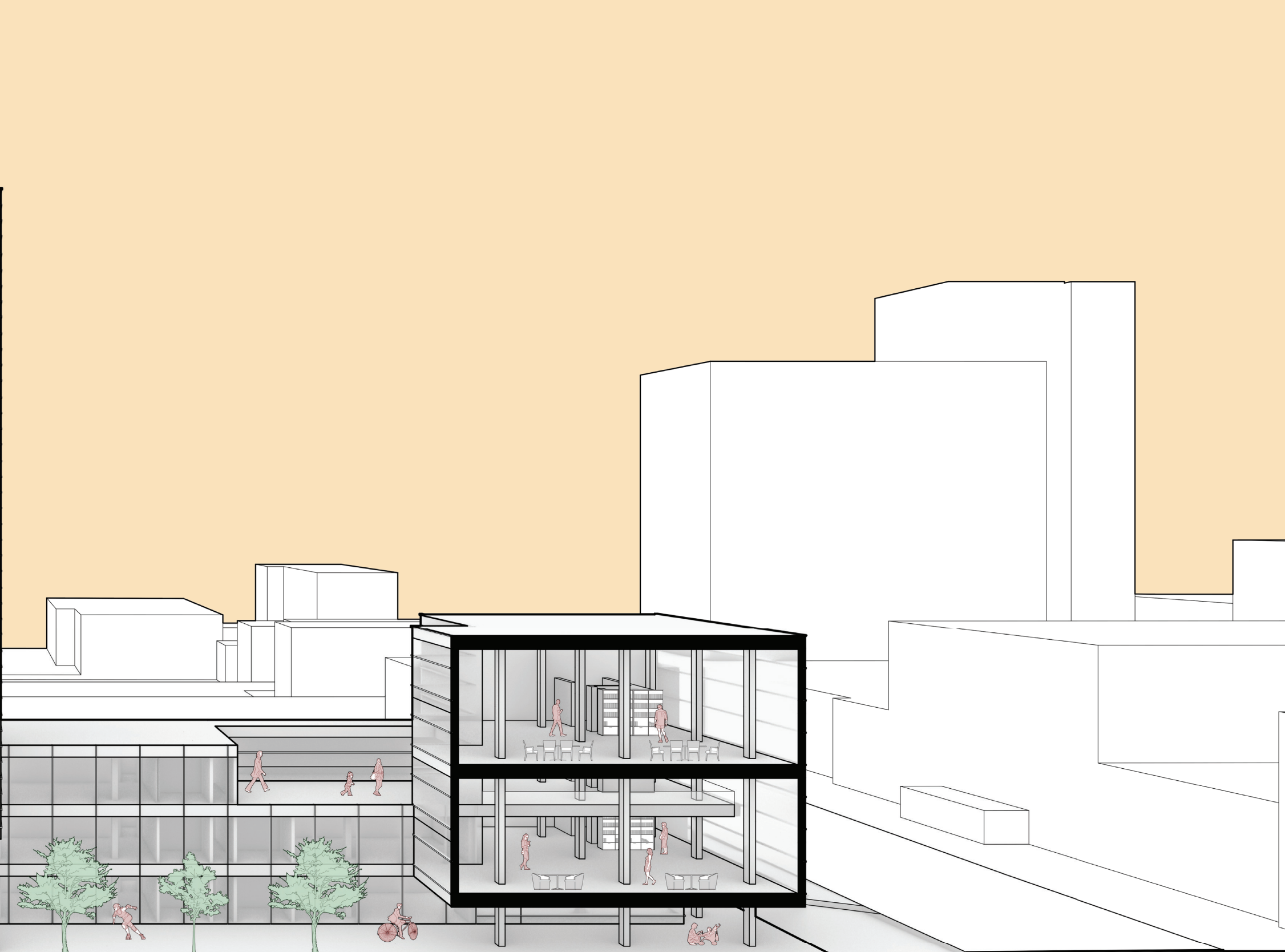
The Culinary Institution is designed to be a stepping stone to for chefs lookin to get a jump start in their culinary careers. Students will learn everything needed to be a success in the food service industry, this includes: Growing and cultivating their own food from the roof gardens, food preparation in kitchen workshops, and most importantly getting hands on experience working for the commerical resturants within the complex.



Studio Instructor: *Ozay Erkin*
Design Team: *Sheikh Hossain*
Kevin Medina



SECTION PERSPECTIVE



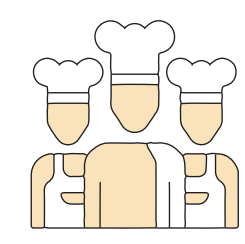
EATERIES:

As of 2018 there are currently 27,043 restaurants in New York City. This number is estimated to increase within the next five years. The Food Service Industry currently employs 773,400 NYC residents



EDUCATION:

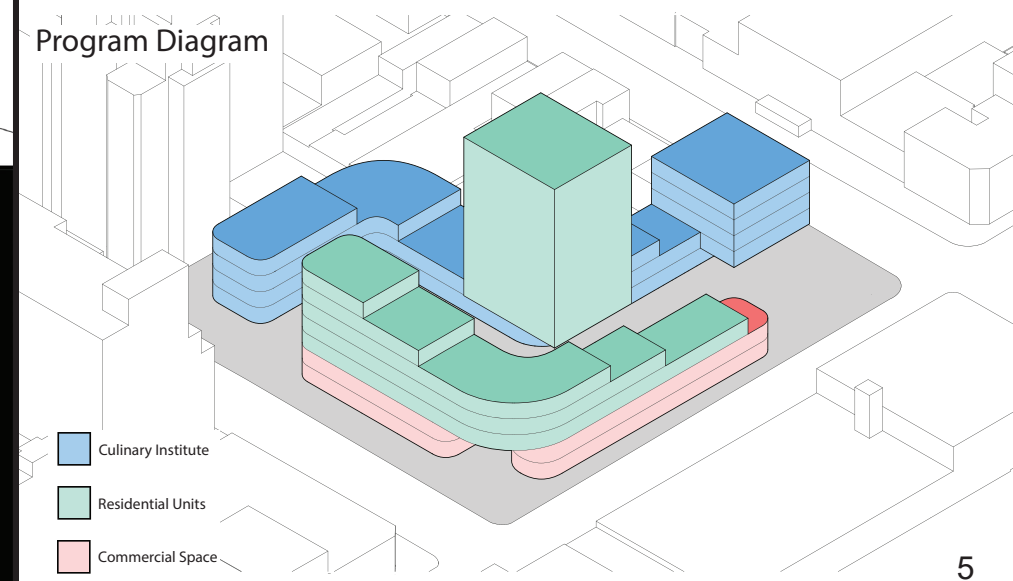
The goal of The Culinary Institute is to educate its students until they reach the level of head chef. There are currently 15,500 chefs in NYC making an average hourly wage of \$25/hr



EMPLOYMENT:

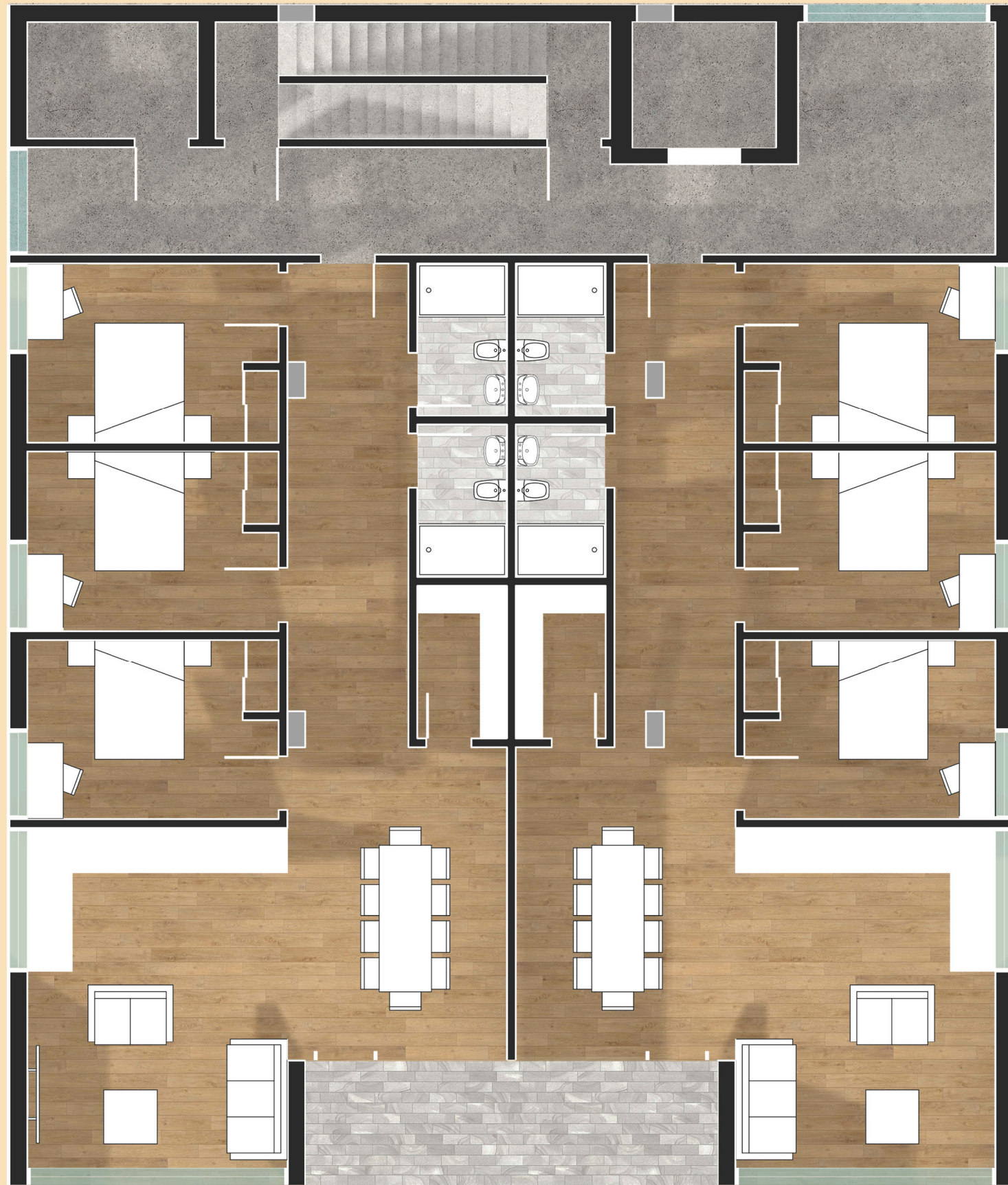
Upon mastery of their culinary arts students will be offered employment in any of the restaurants located in The Culinary Institute. This will give the graduates immediate work experience to further their careers.

Program Diagram





GROUND FLOOR PLAN



RESIDENTIAL TOWER UNIT PLAN



ONE BEDROOM UNIT PLAN



THREE BEDROOM UNIT PLAN

02

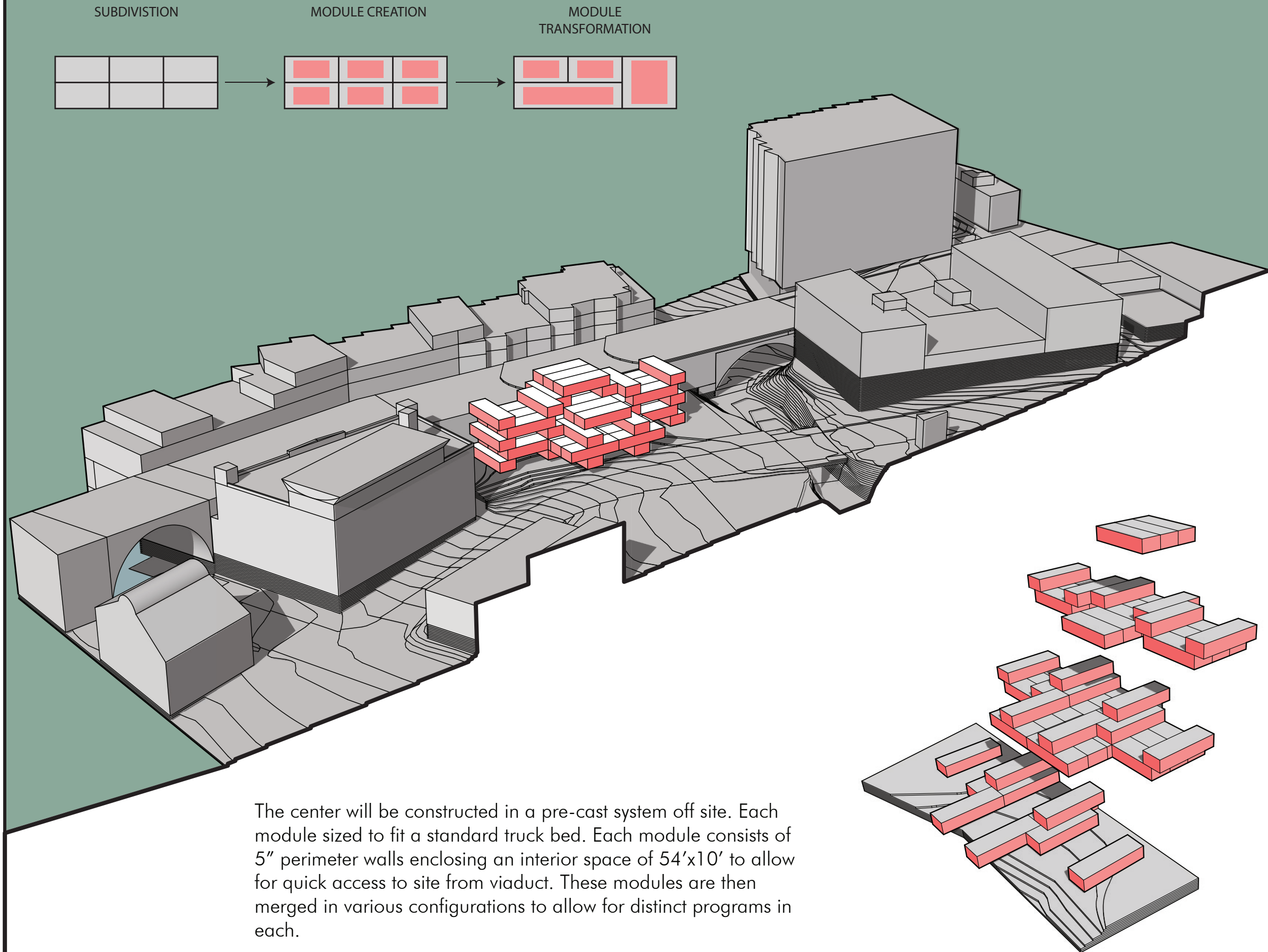
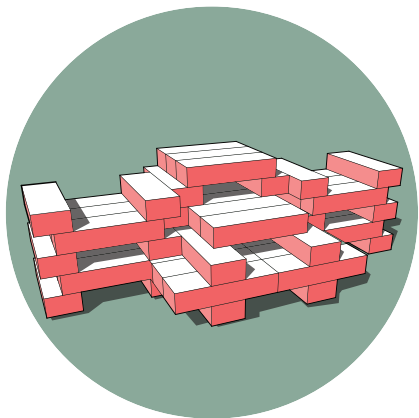
CENTRAL CASTING

Junior Design Studio
Community Center

Central Casting is community center located in the Flats District of Cleveland, Ohio. The Flats District, which was once a major hub for industrial manufacturing, is being redeveloped for residential use.

The Superior Viaduct, which sits adjacent to the community center, is a historic icon for Cleveland. Its construction however restricted certain areas of the Flats District from having access to the Cuyahoga River.

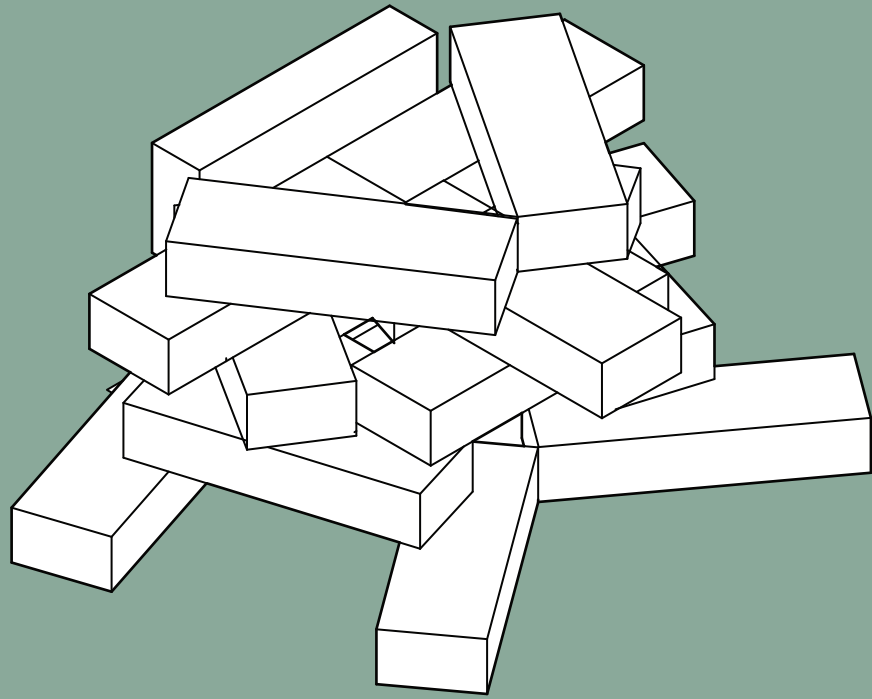
This community center functions as a public transition from the pedestrian level of the viaduct down to the proposed greenspace on the banks of the Cuyahoga River.



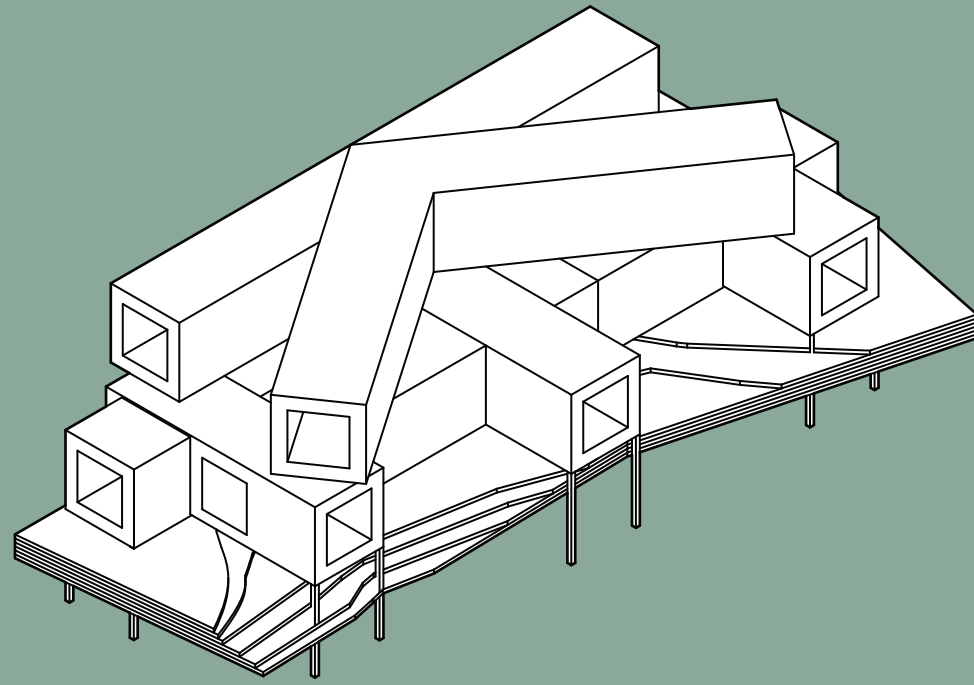
The center will be constructed in a pre-cast system off site. Each module sized to fit a standard truck bed. Each module consists of 5" perimeter walls enclosing an interior space of 54'x10' to allow for quick access to site from viaduct. These modules are then merged in various configurations to allow for distinct programs in each.



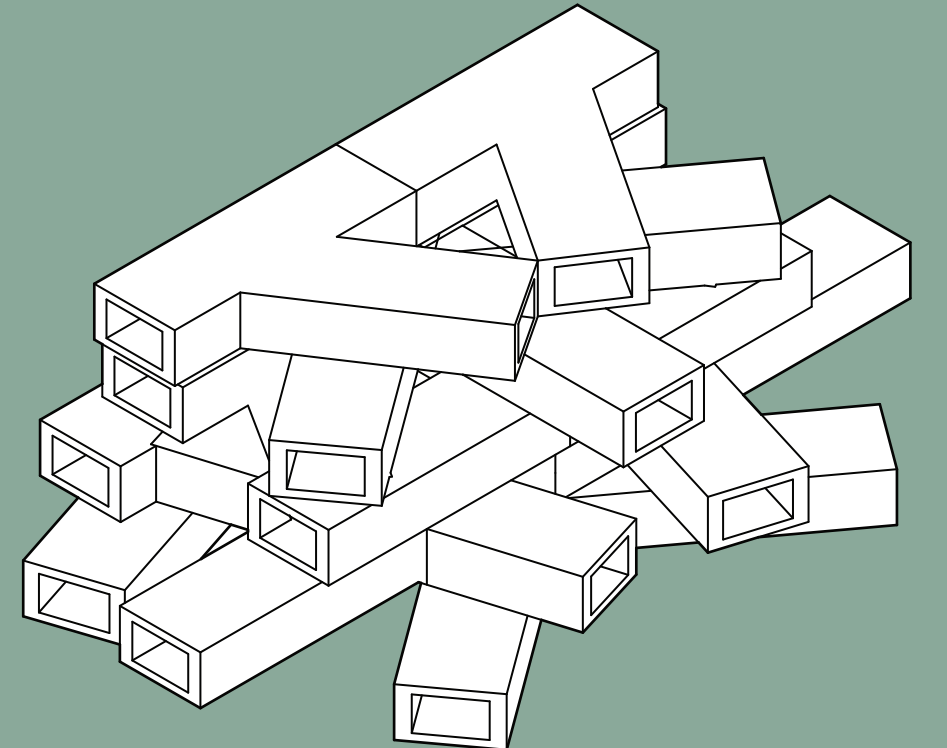
SECTION PERSPECTIVE



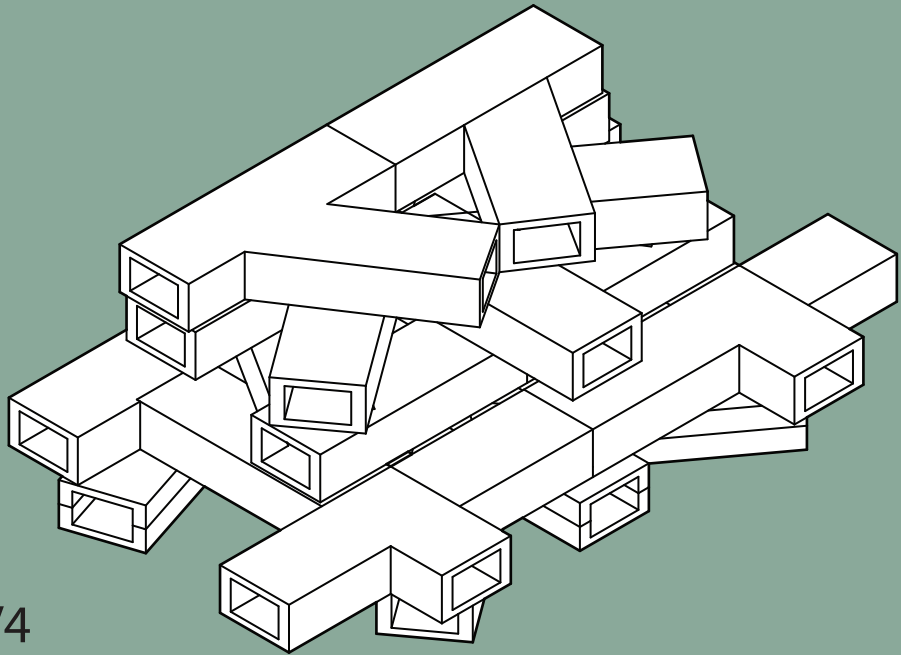
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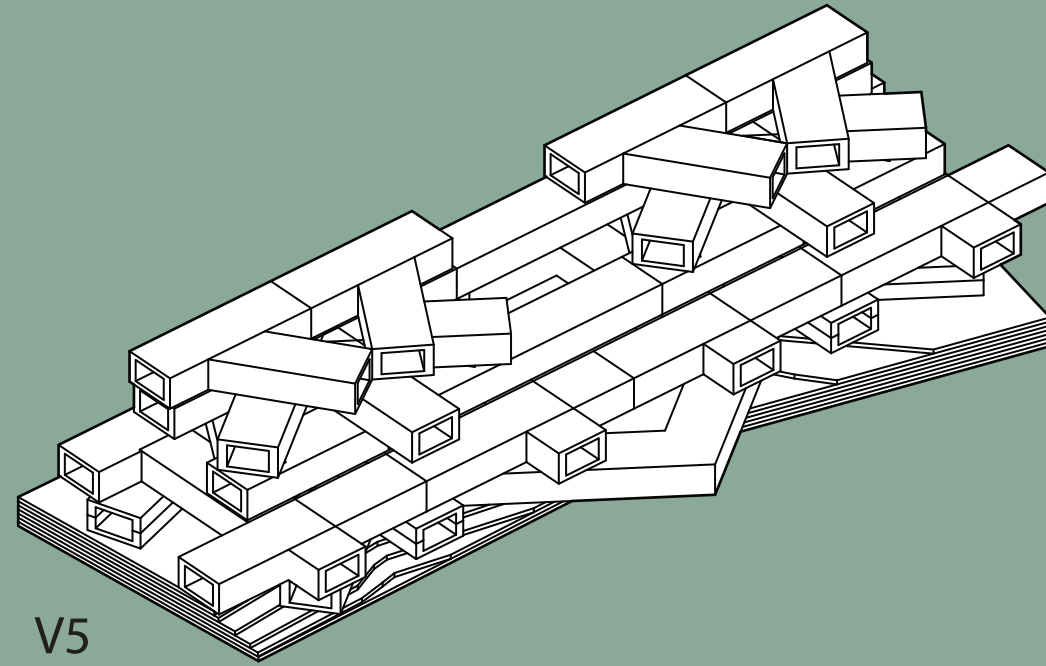
V2



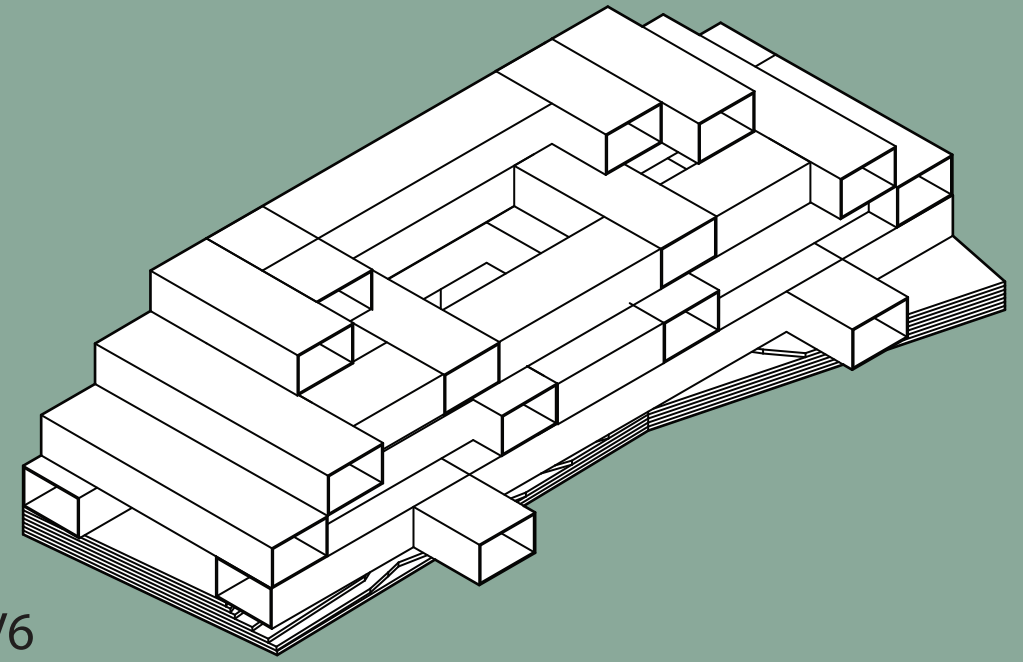
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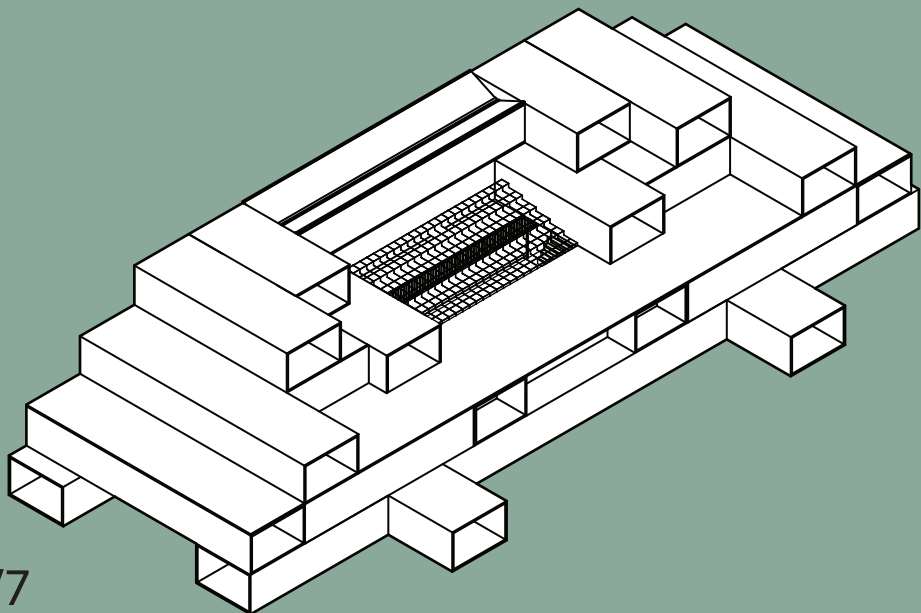
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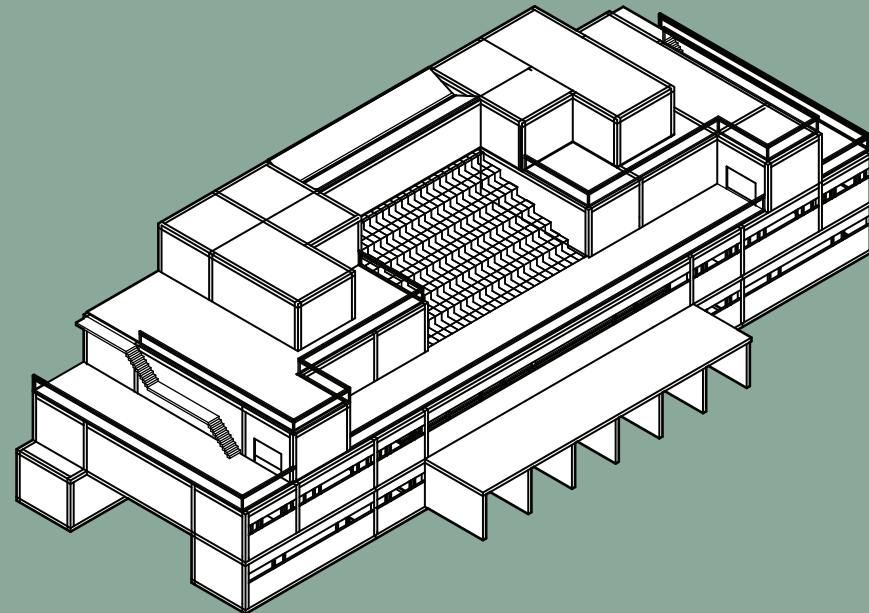
V5



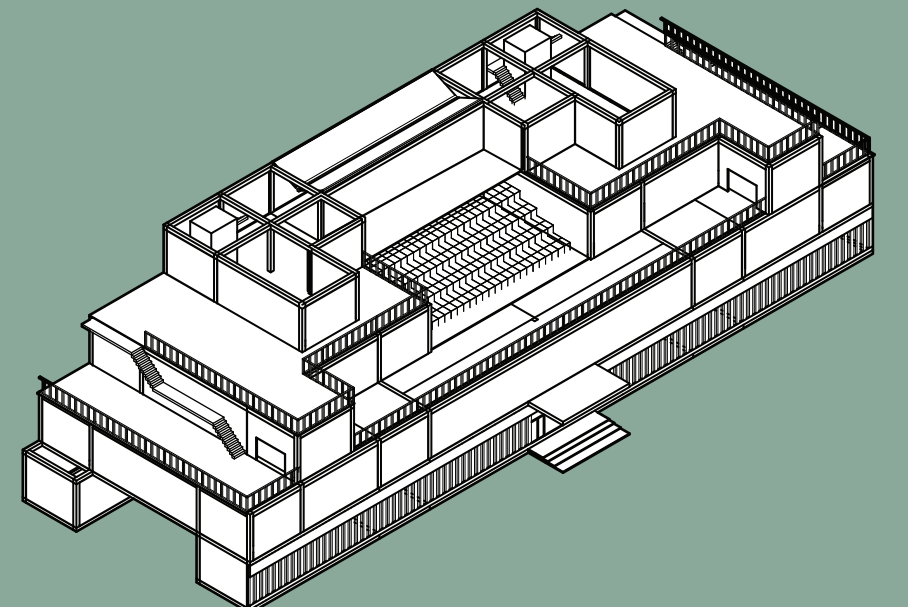
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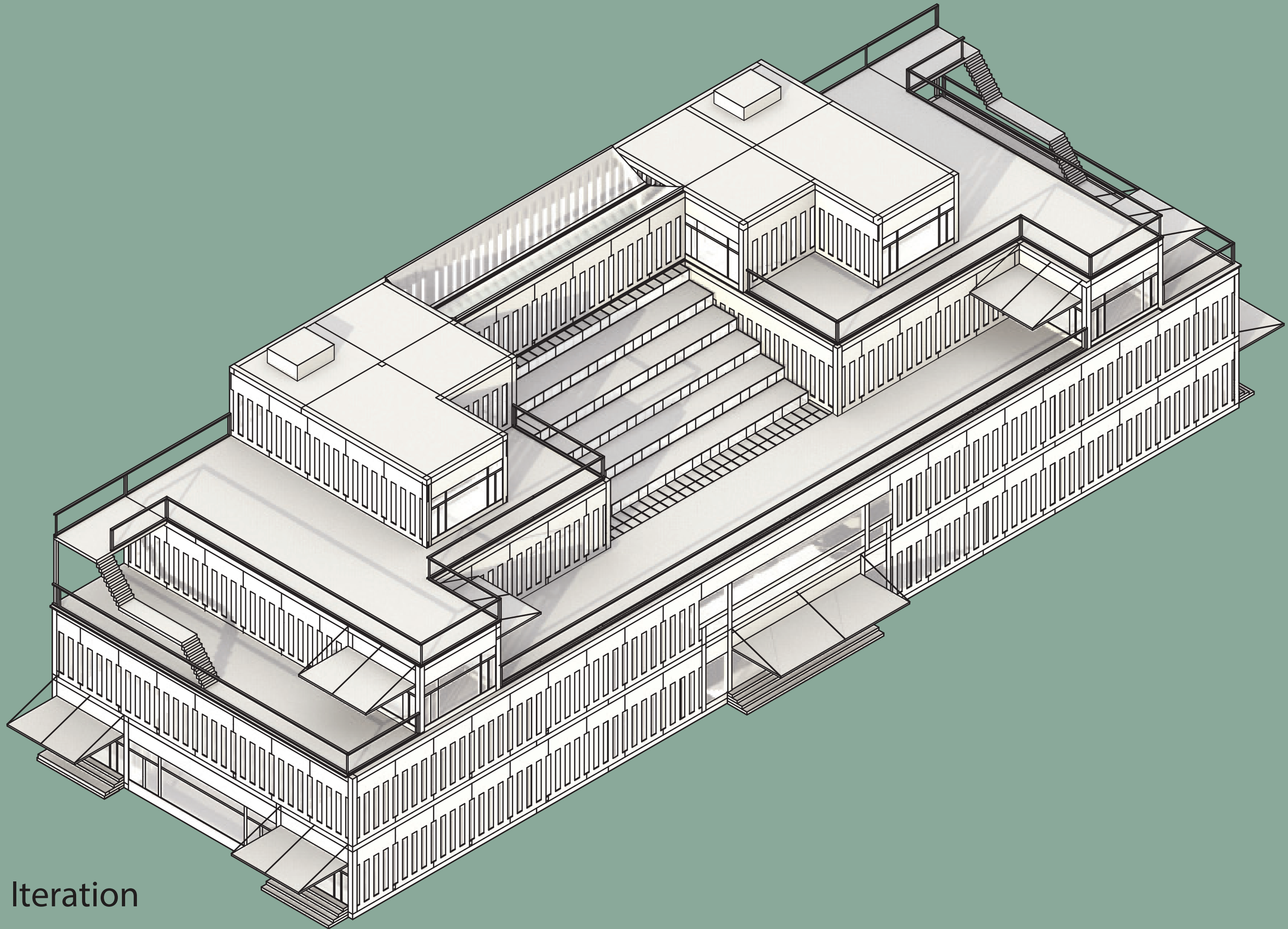
10 V7



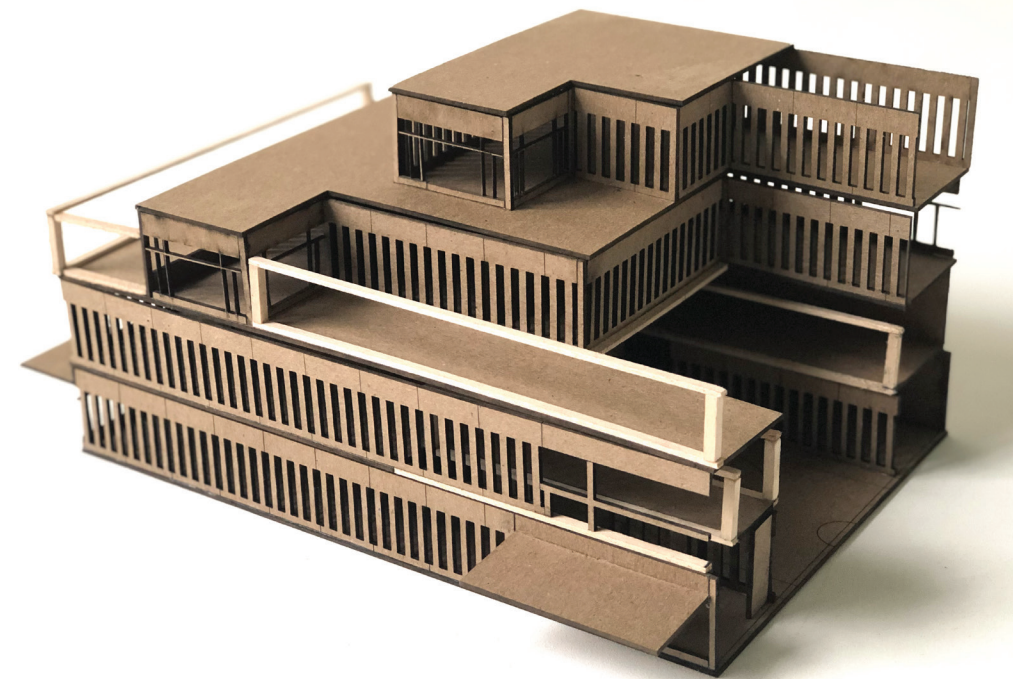
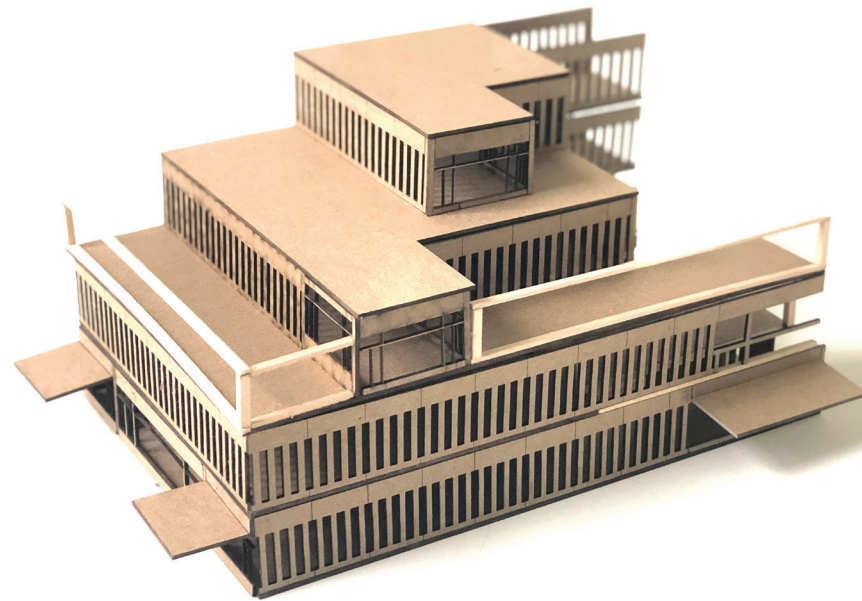
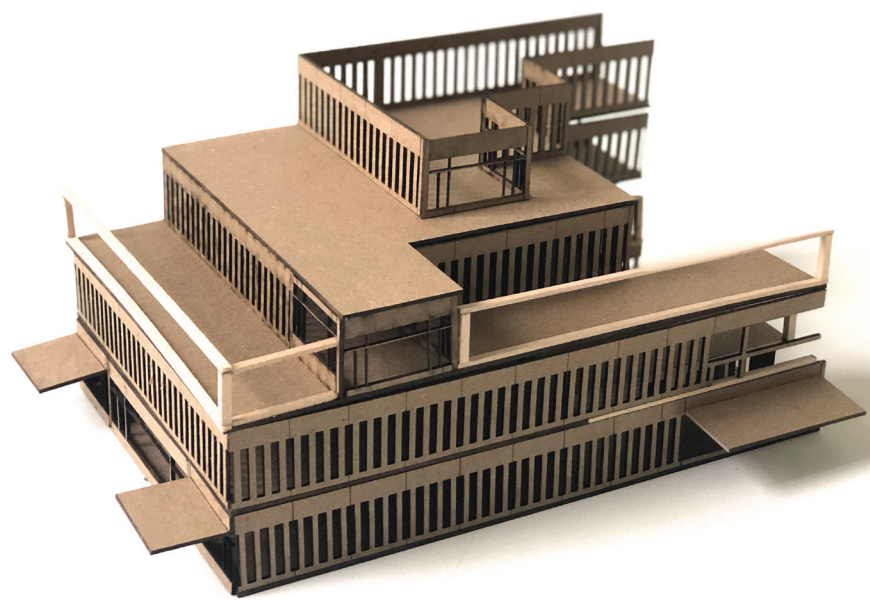
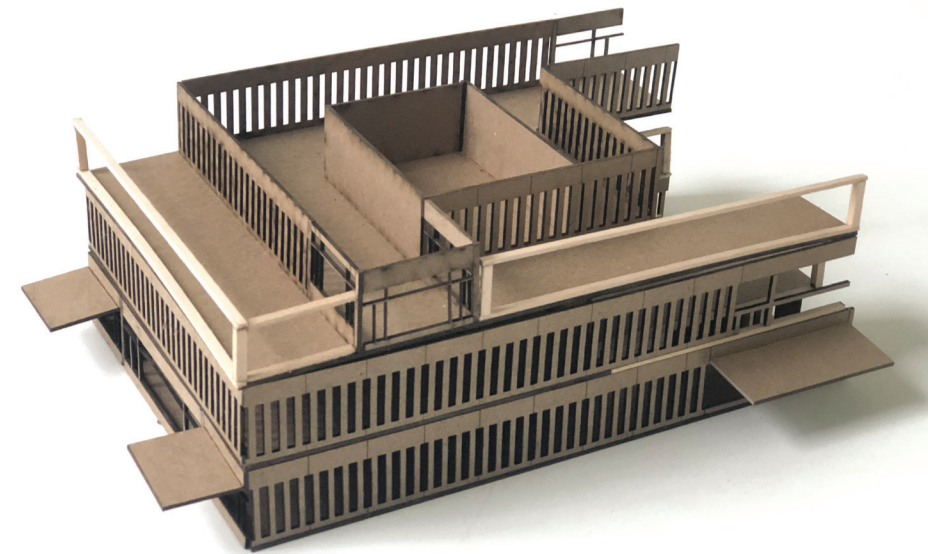
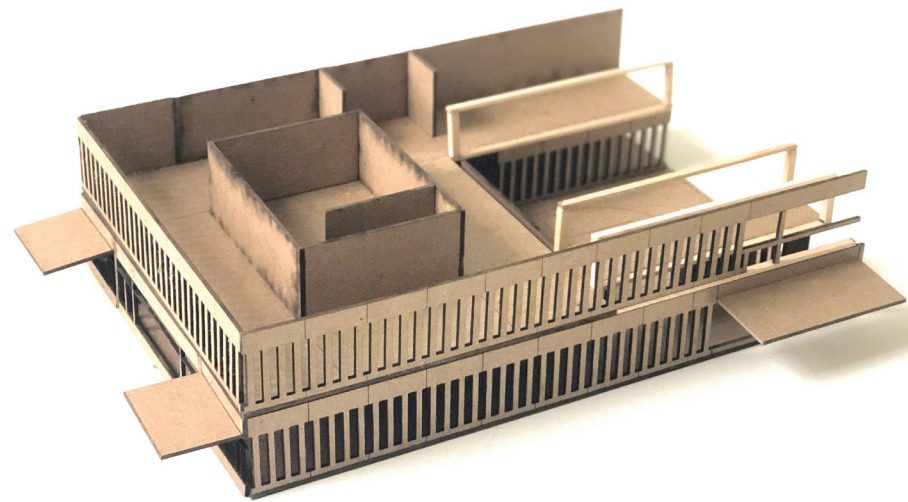
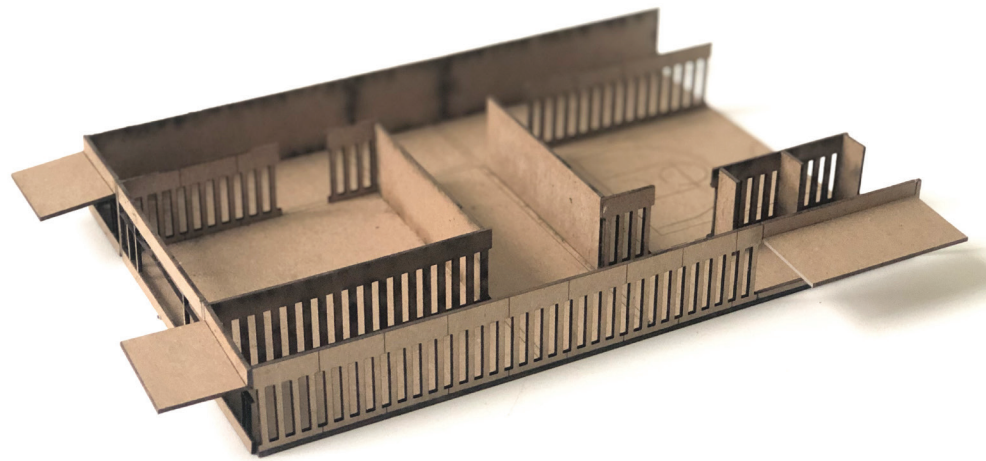
V8

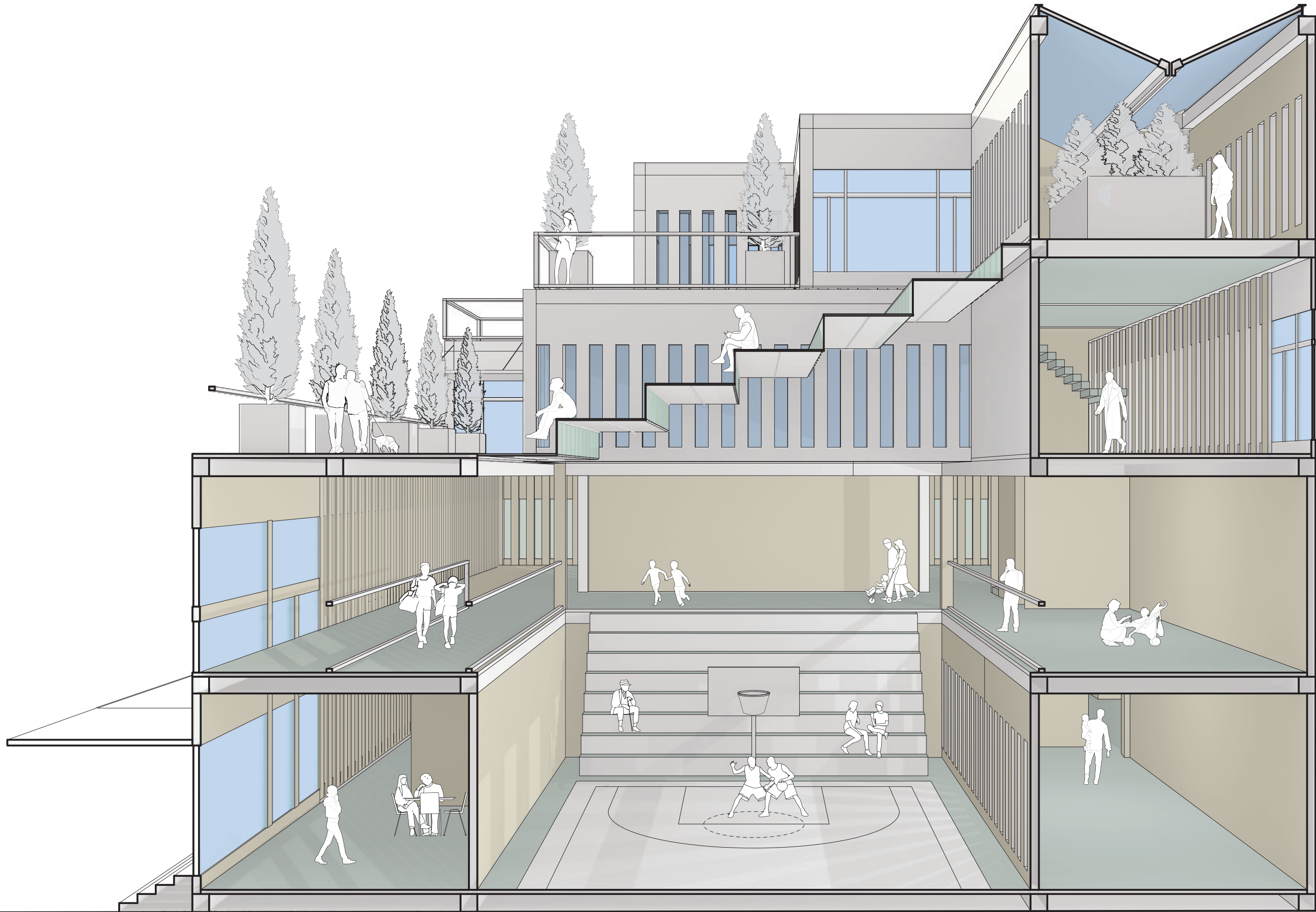


V9



Final Iteration





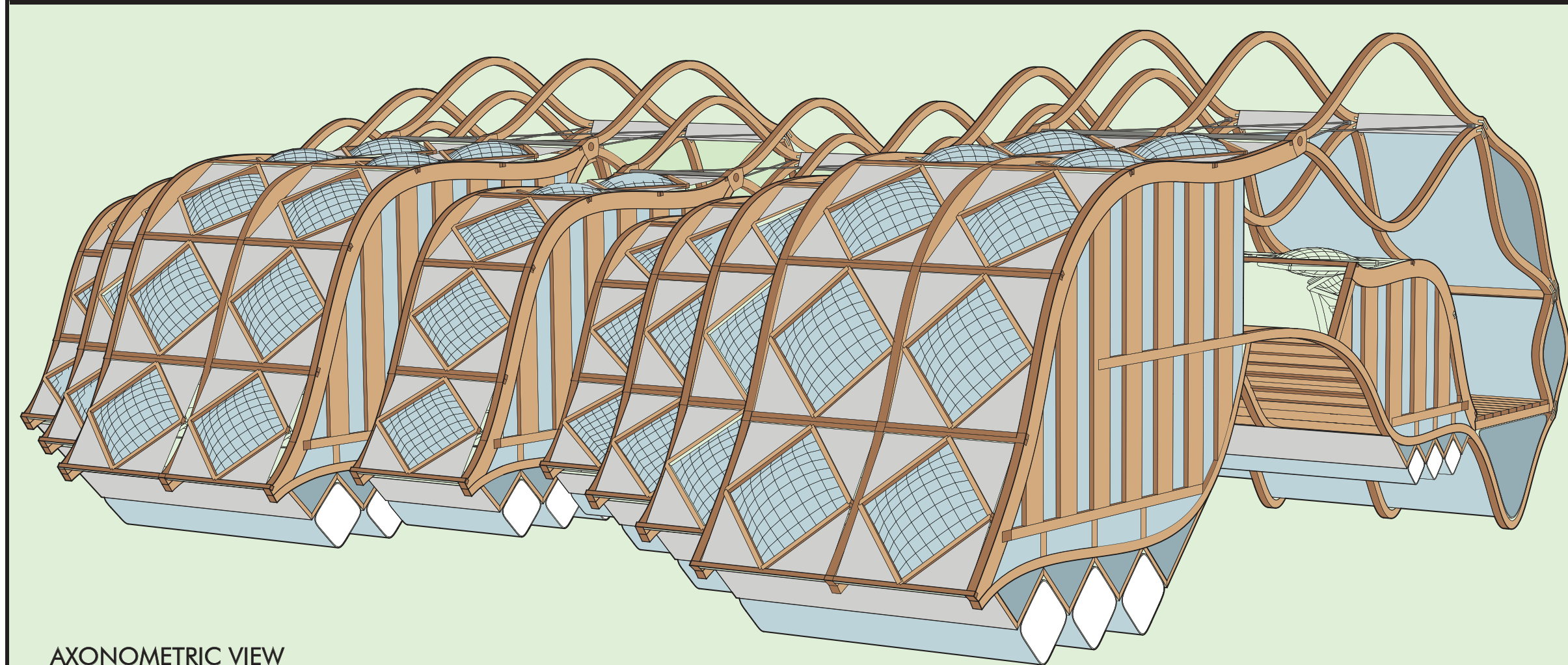
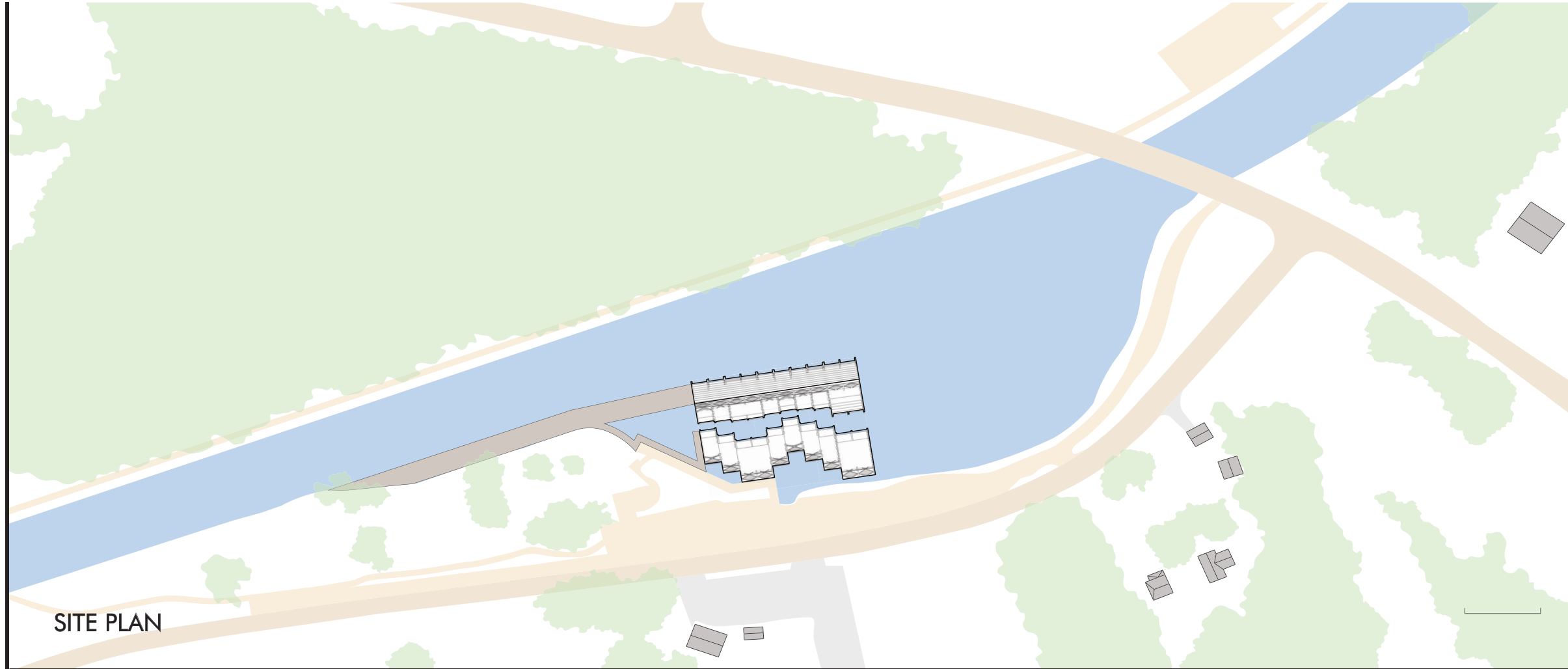
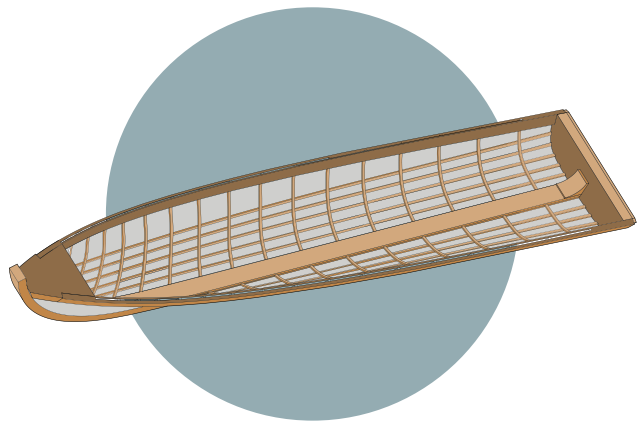
03

ENCAPSULATE

Junior Design Studio
Floating Pavilion

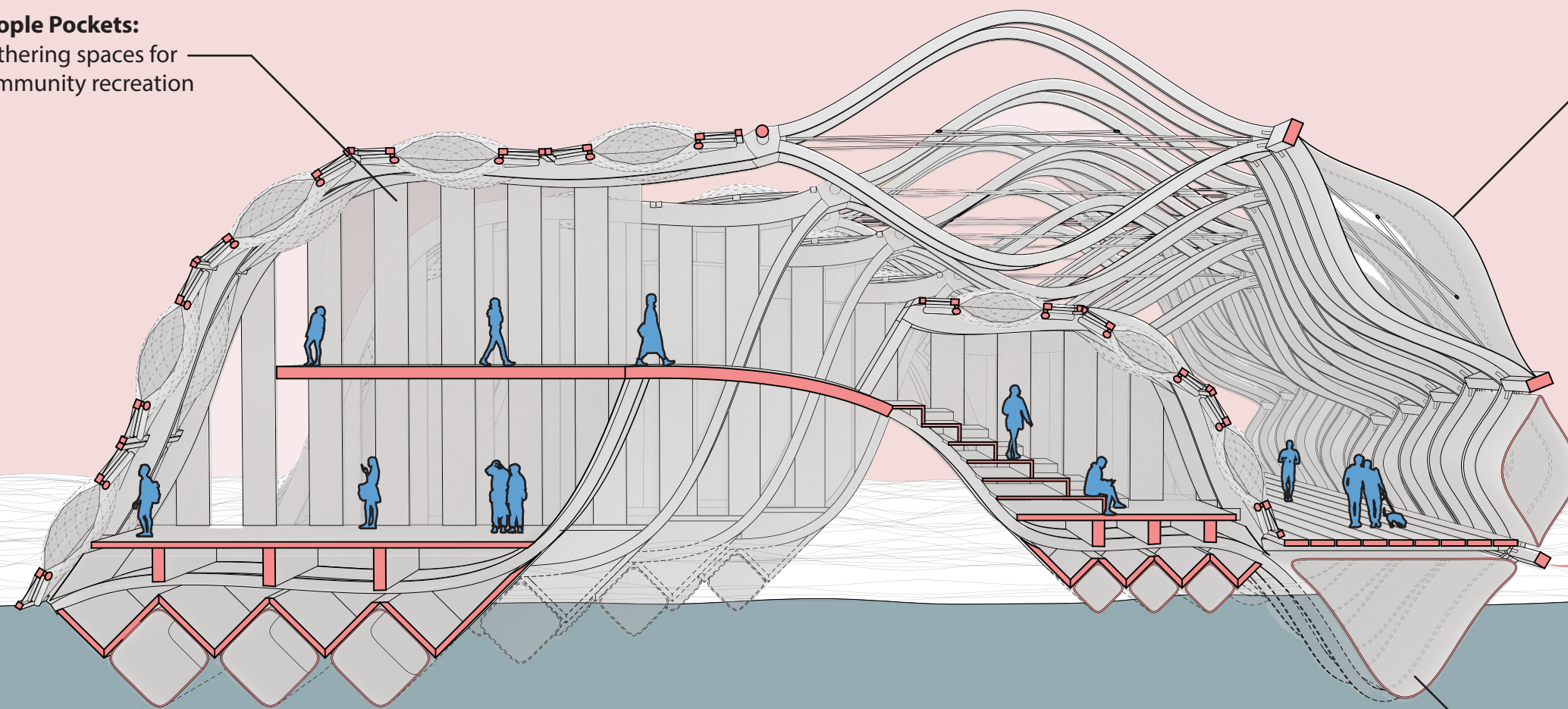
The **Erie Canal** played a central role in the **development** and **economic success of Buffalo** in the 19th and 20th century. As the canal became obsolete in commercial shipping, much of the old canal ways fell into disuse. Encapsulate aims to **reconnect Buffalo** to its **historic waterways** by **revitalizing** the space as a **community center** on the water.

We designed Encapsulate off the idea of **inflatable pockets**. The structure floats on **pockets of air**, captures the harsh sunlight with **pockets of light**, and brings life back to the canal ways with **pockets of people**. The community center includes both large public gathering spaces, and private offices and meeting spaces.



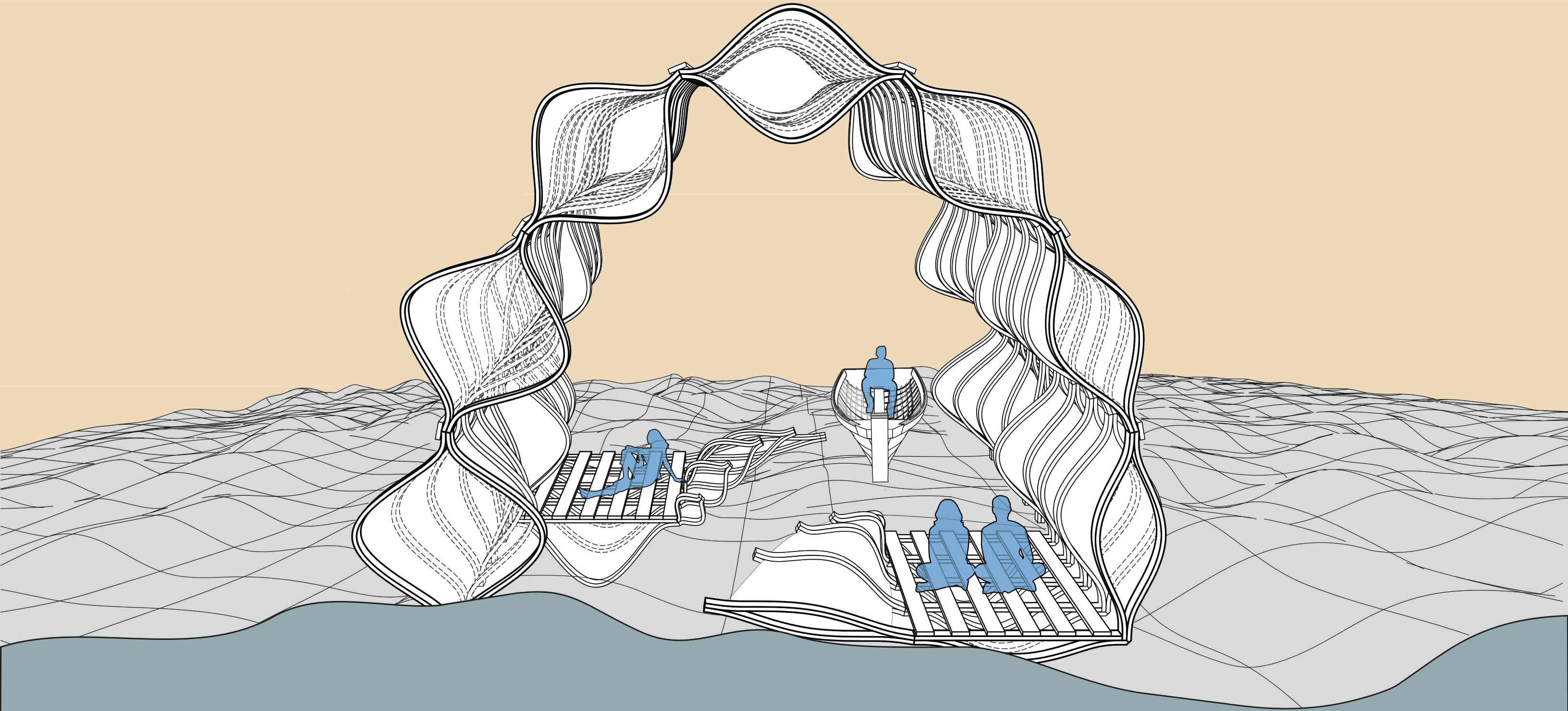
People Pockets:
Gathering spaces for
community recreation

Light Pockets:
Filter sunlight through
layers of ETFE plastic



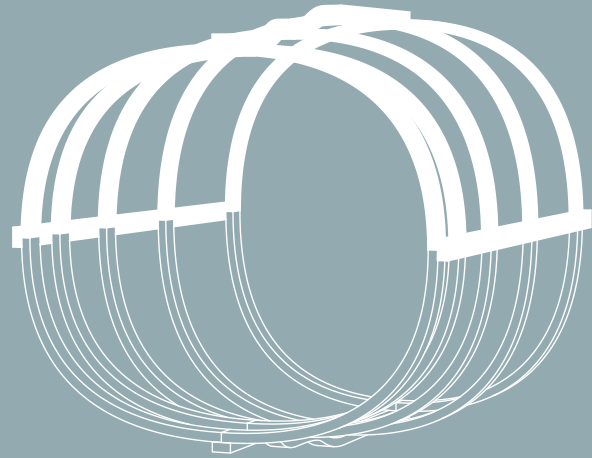
Air Pockets:
High strength ETFE
allows for bouyancy

SECTION PERSPECTIVE

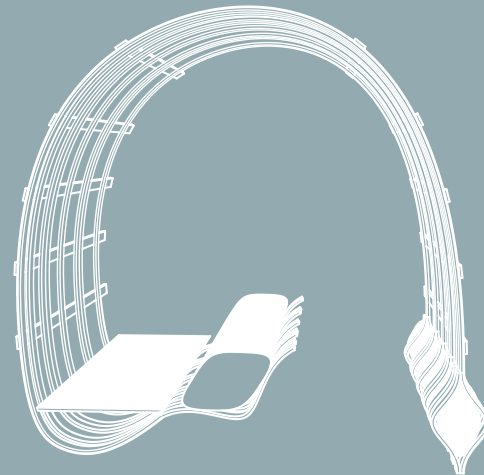


VERSION THREE

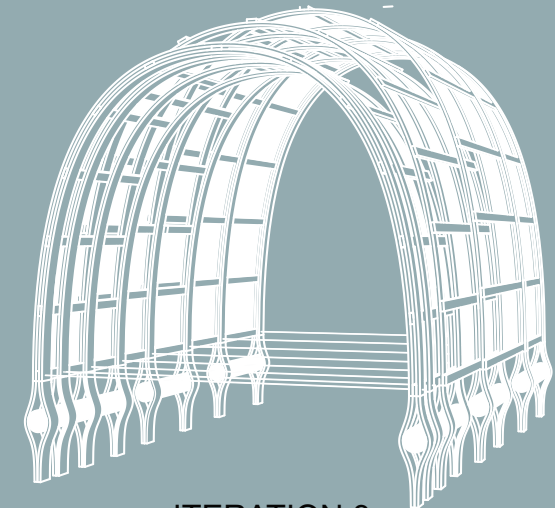
ITERATION DIAGRAM



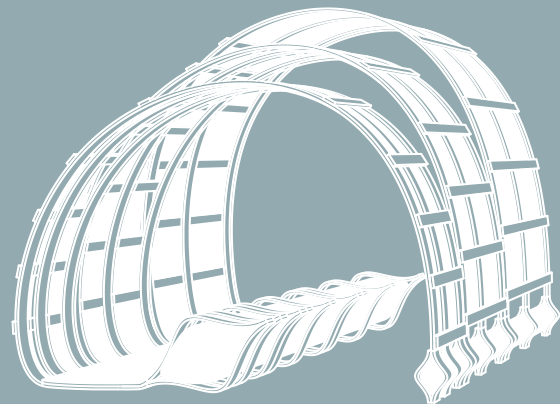
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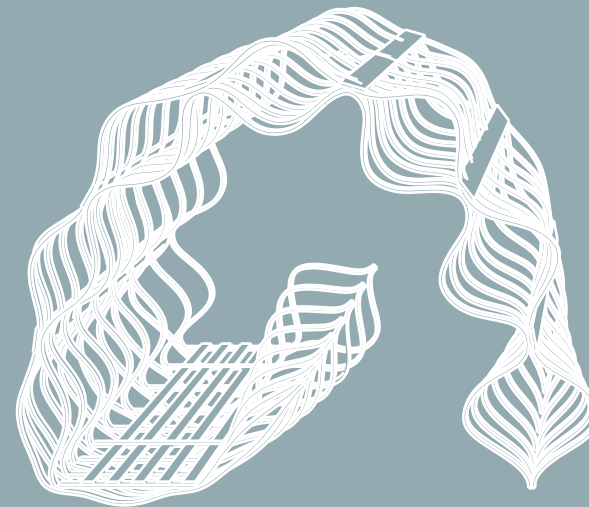
ITERATION 2



ITERATION 3



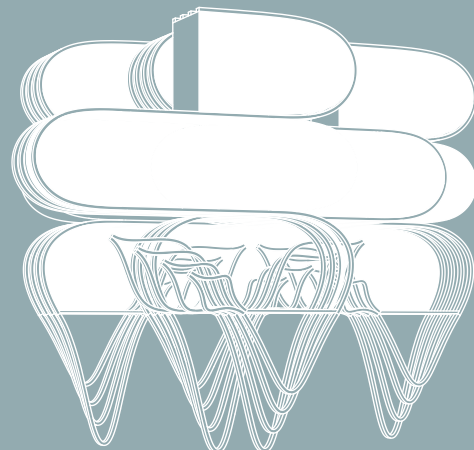
ITERATION 4



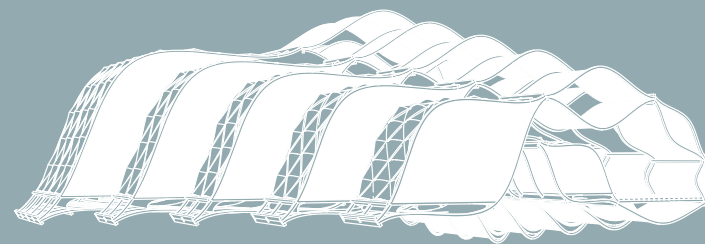
ITERATION 5



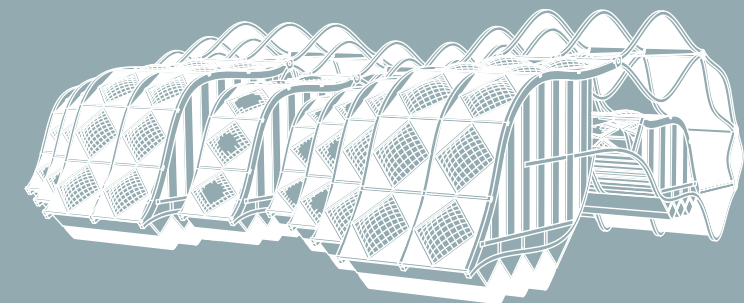
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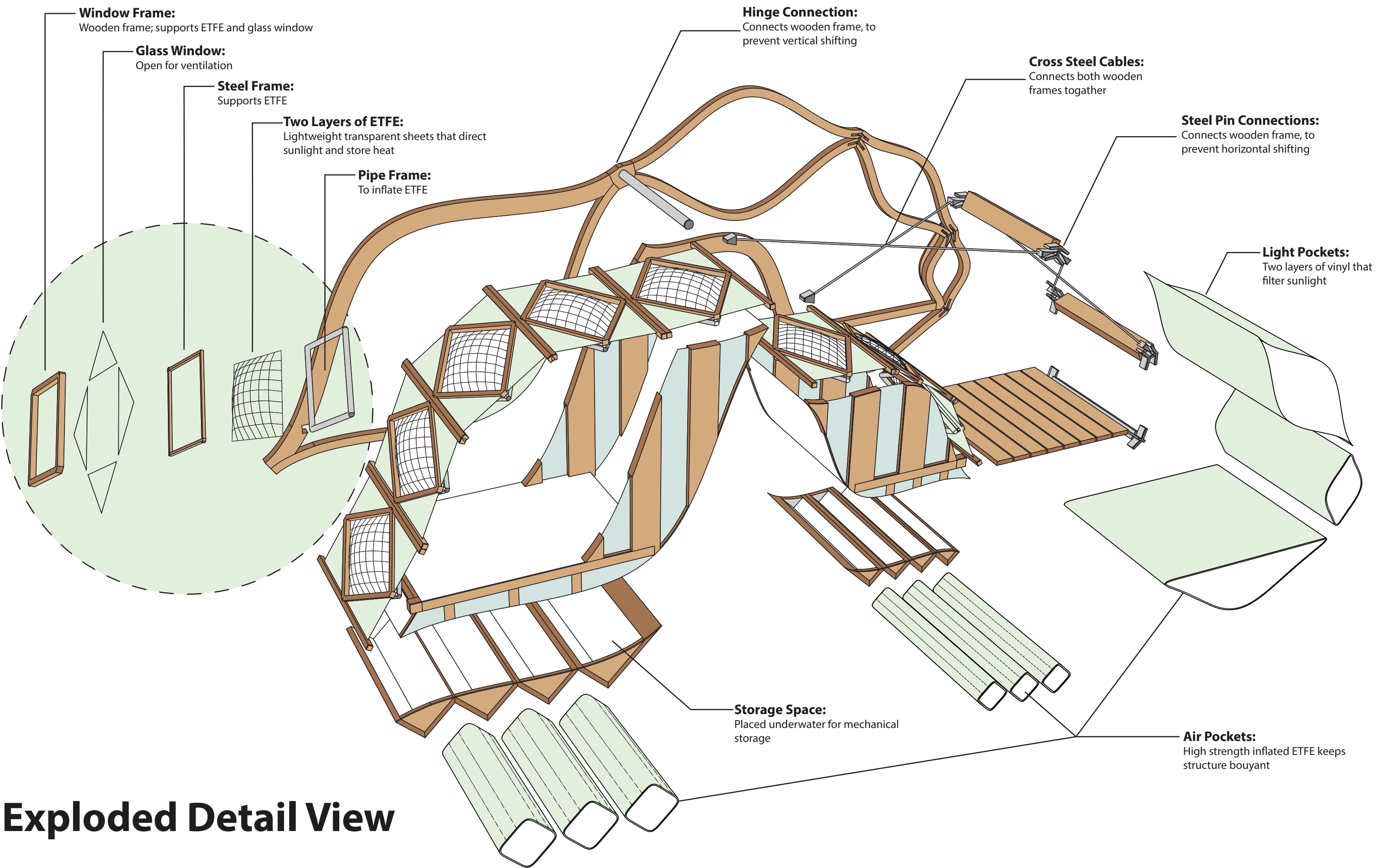
ITERATION 7



ITERATION 8

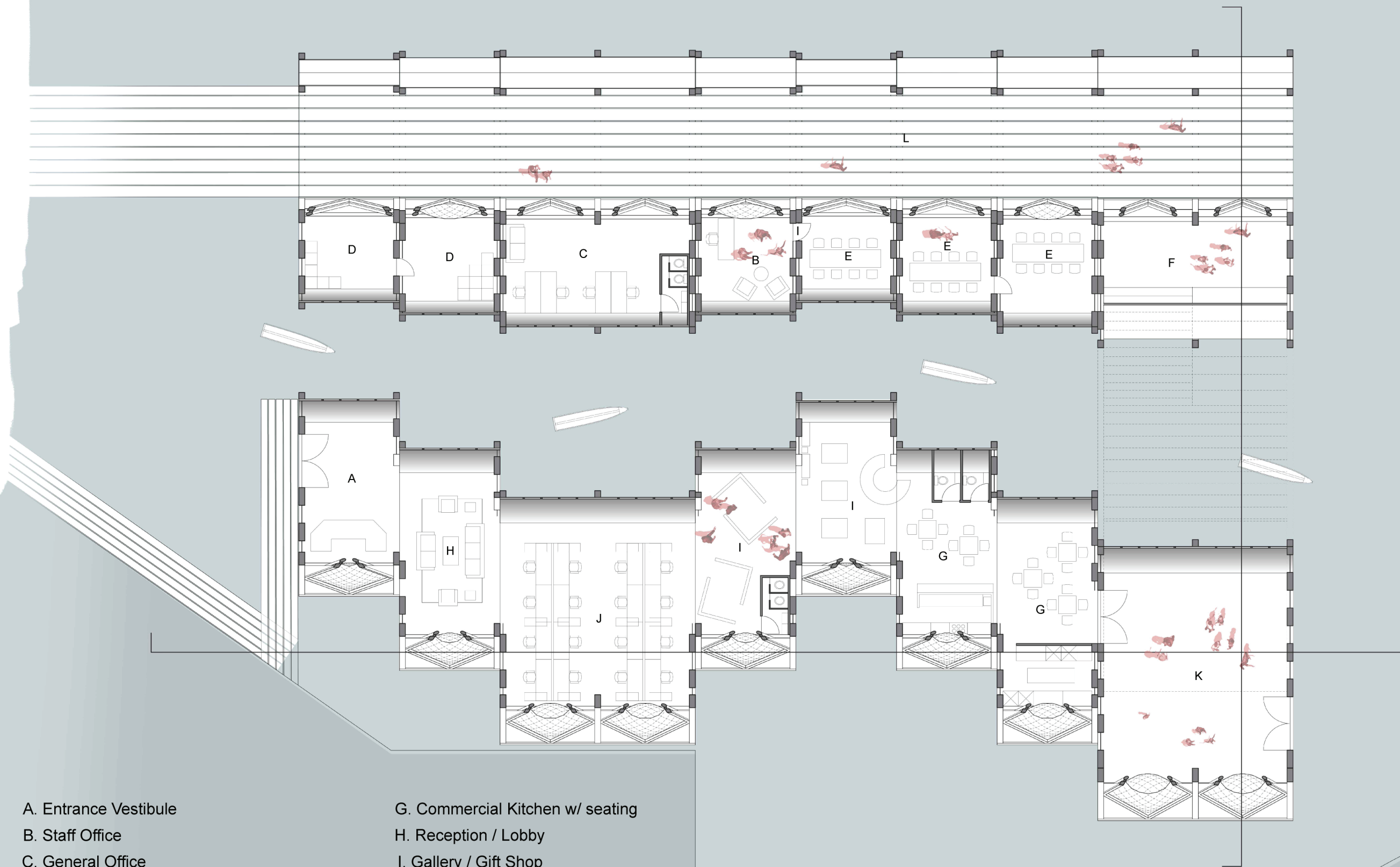


ITERATION 9



Exploded Detail View

PLAN VIEW



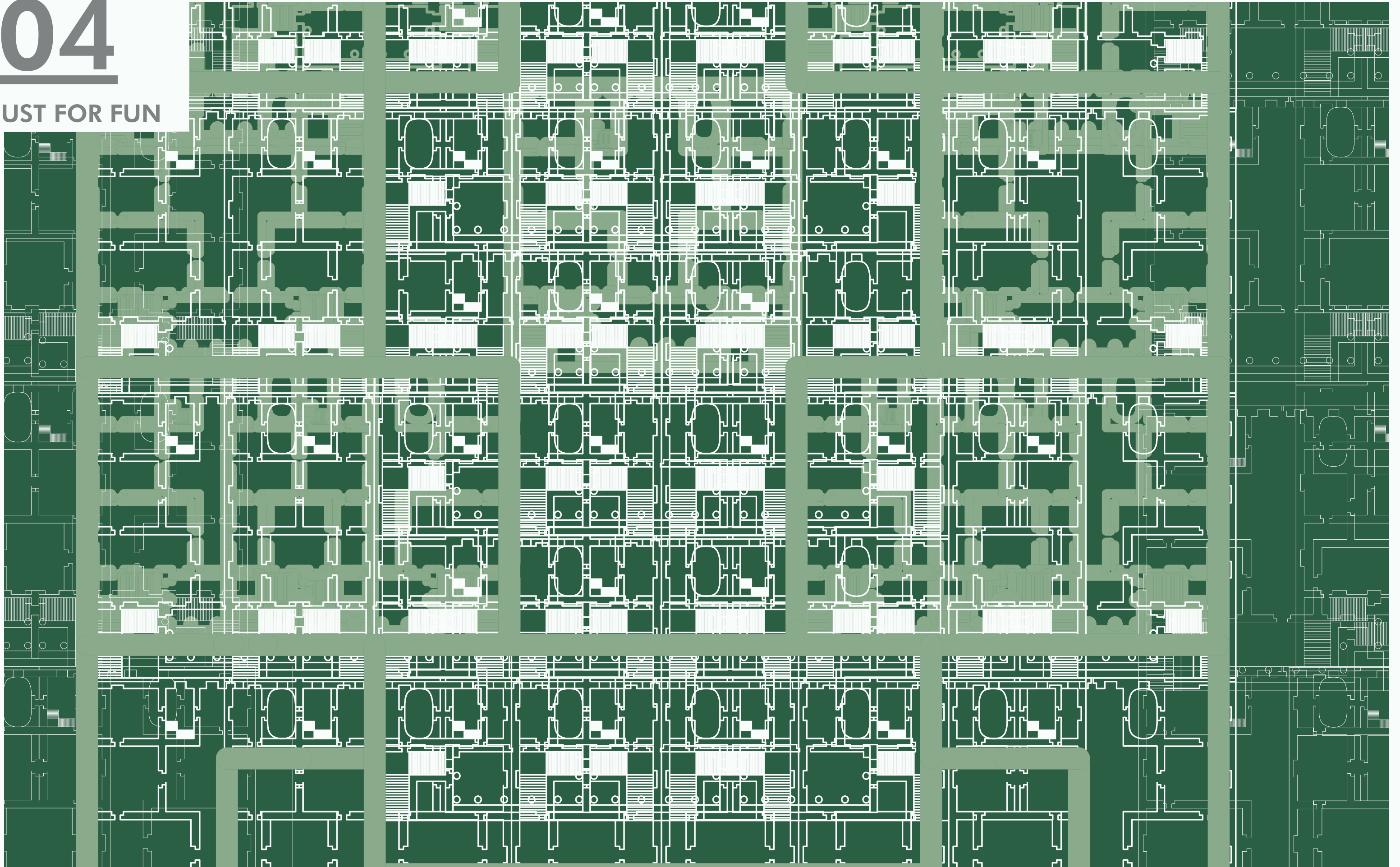
- A. Entrance Vestibule
- B. Staff Office
- C. General Office
- D. Storage Space
- E. Conference Room
- F. Flexible Classroom / Meeting Space

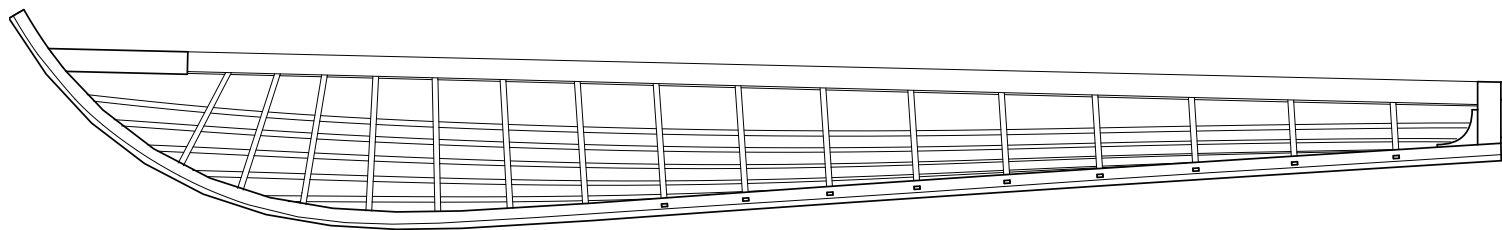
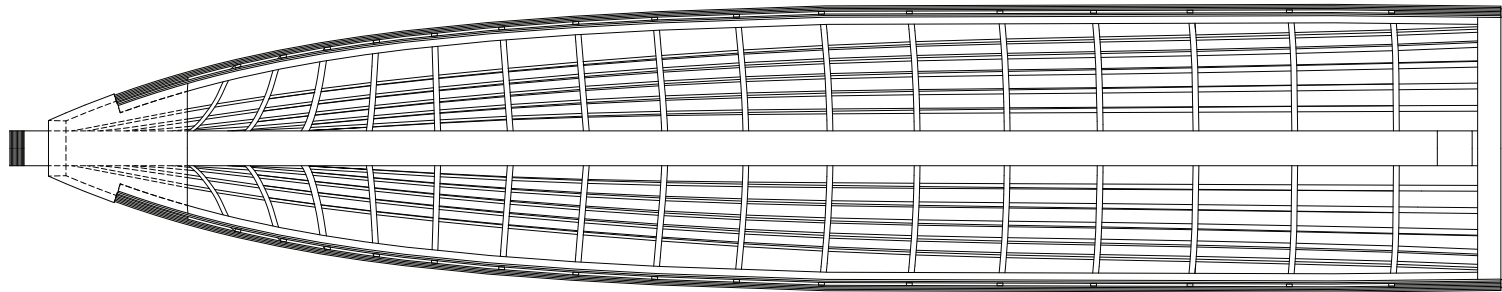
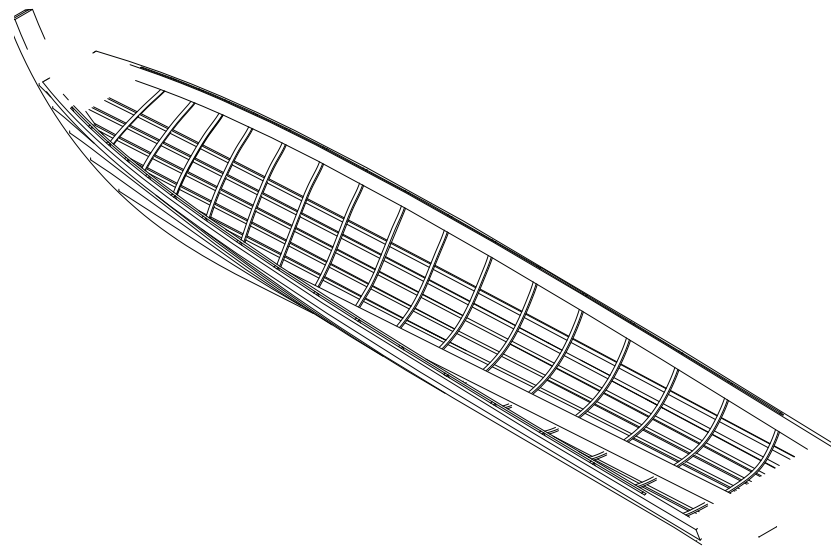
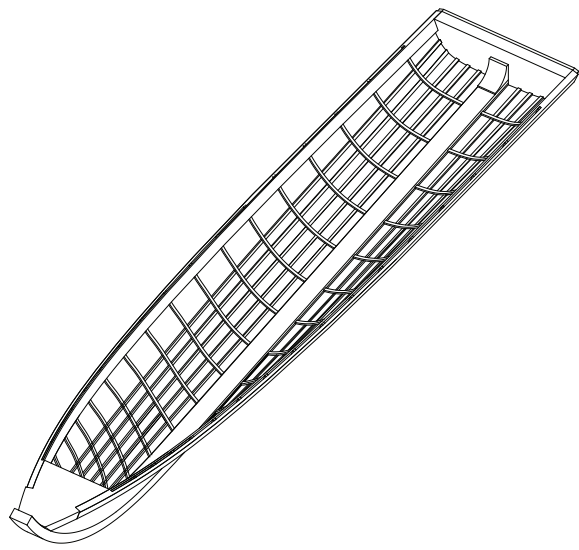
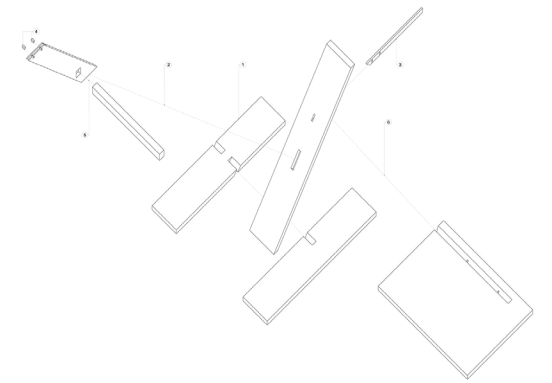
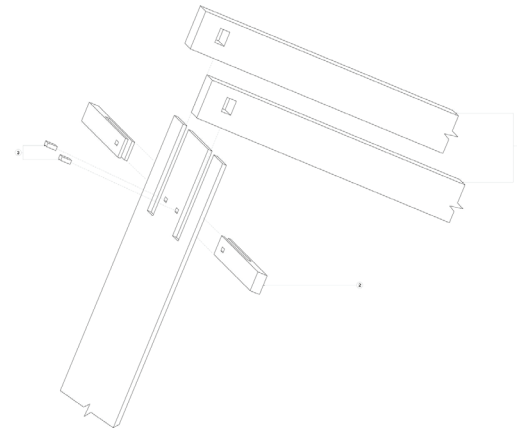
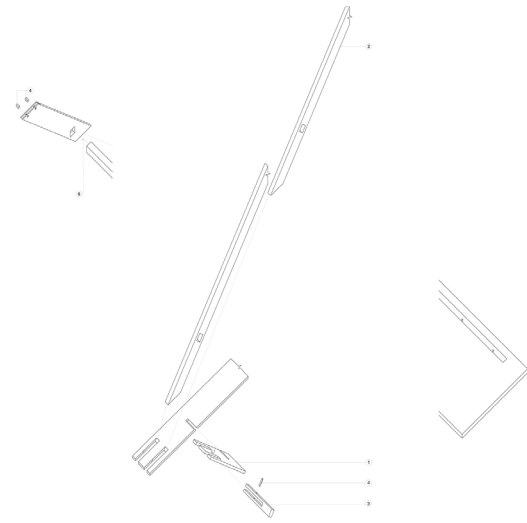
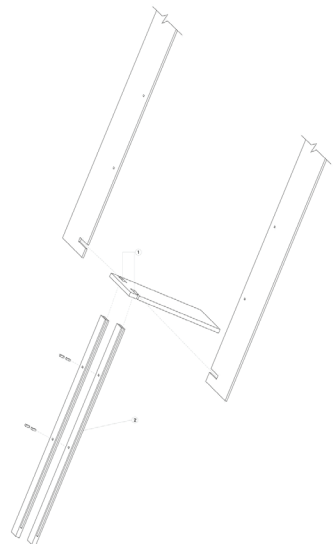
- G. Commercial Kitchen w/ seating
- H. Reception / Lobby
- I. Gallery / Gift Shop
- J. Large Co-working Space
- K. Multi-Use Event Space
- L. Partially Covered Water Access

PLAN
Scale: 1/8" = 1'

04

JUST FOR FUN







THANK YOU

