

David Ledesma

Portfolio  
2020 - 2023

|                           |    |
|---------------------------|----|
| Five Cabins in Latvia     | 4  |
| Row House Exploration     | 14 |
| Dystopian Pavilion        | 22 |
| Movement and Architecture | 26 |
| Architecture Unseen       | 34 |
| Resume                    | 45 |

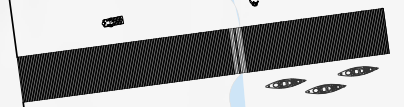
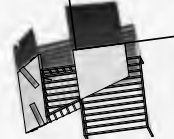
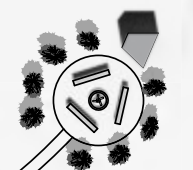
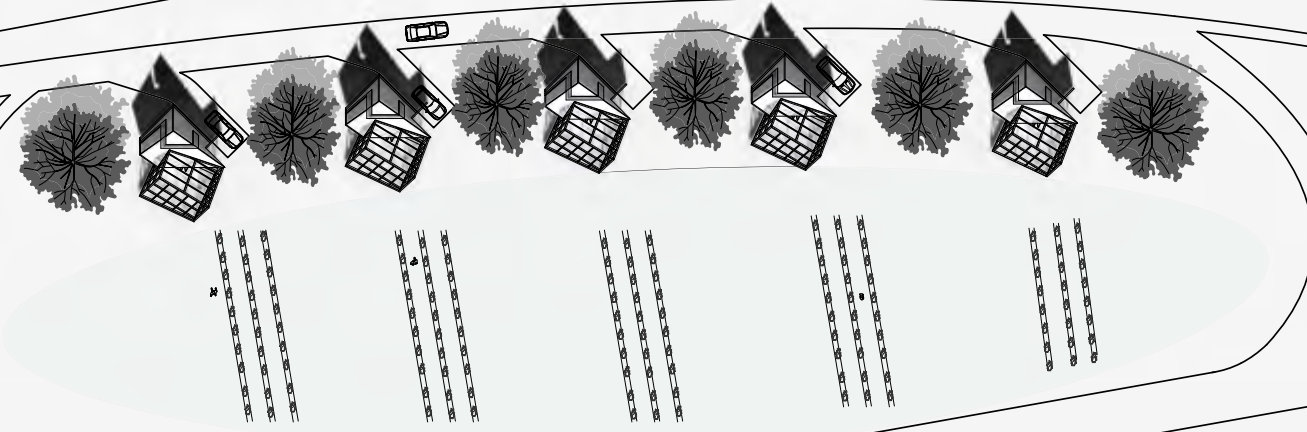
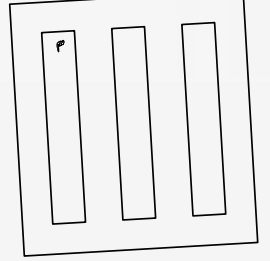
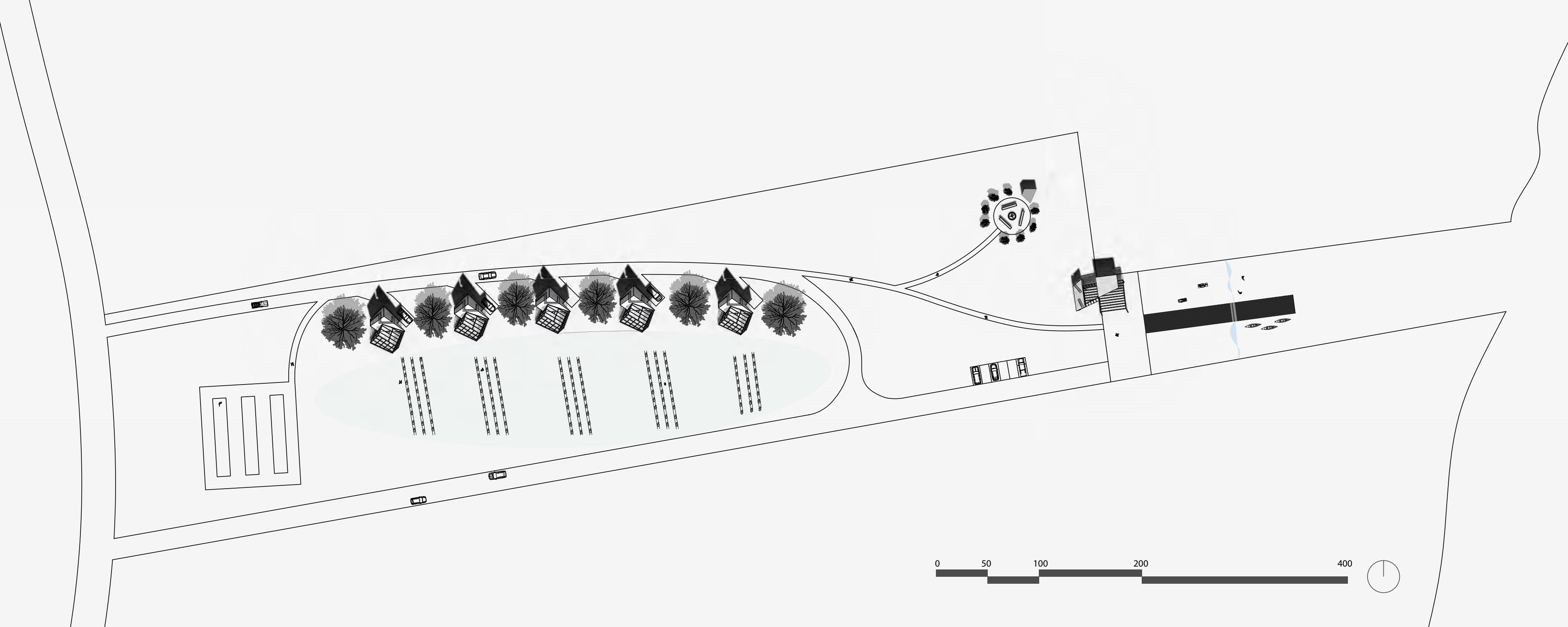
## Five Cabins in Latvia

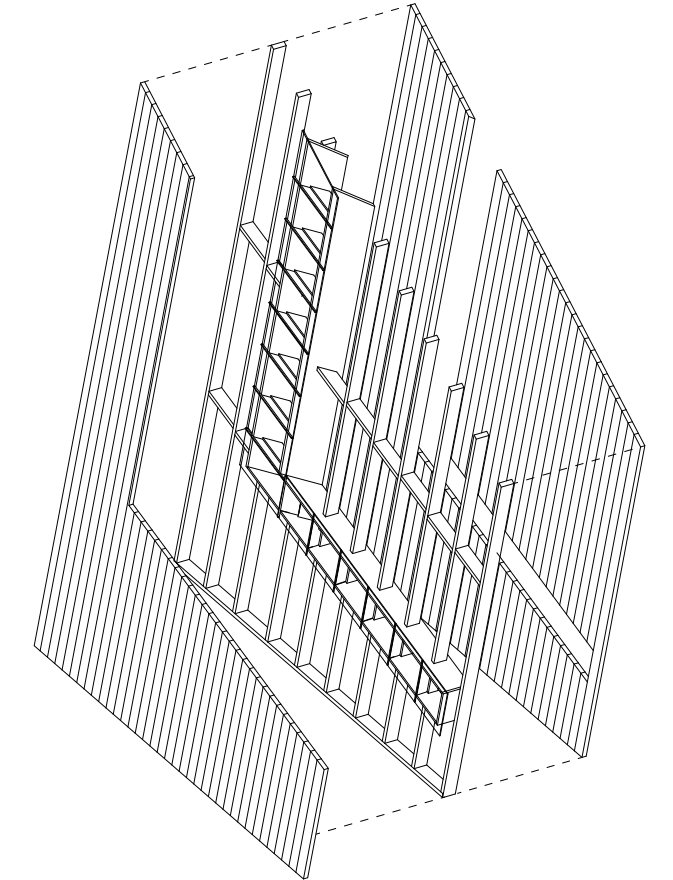
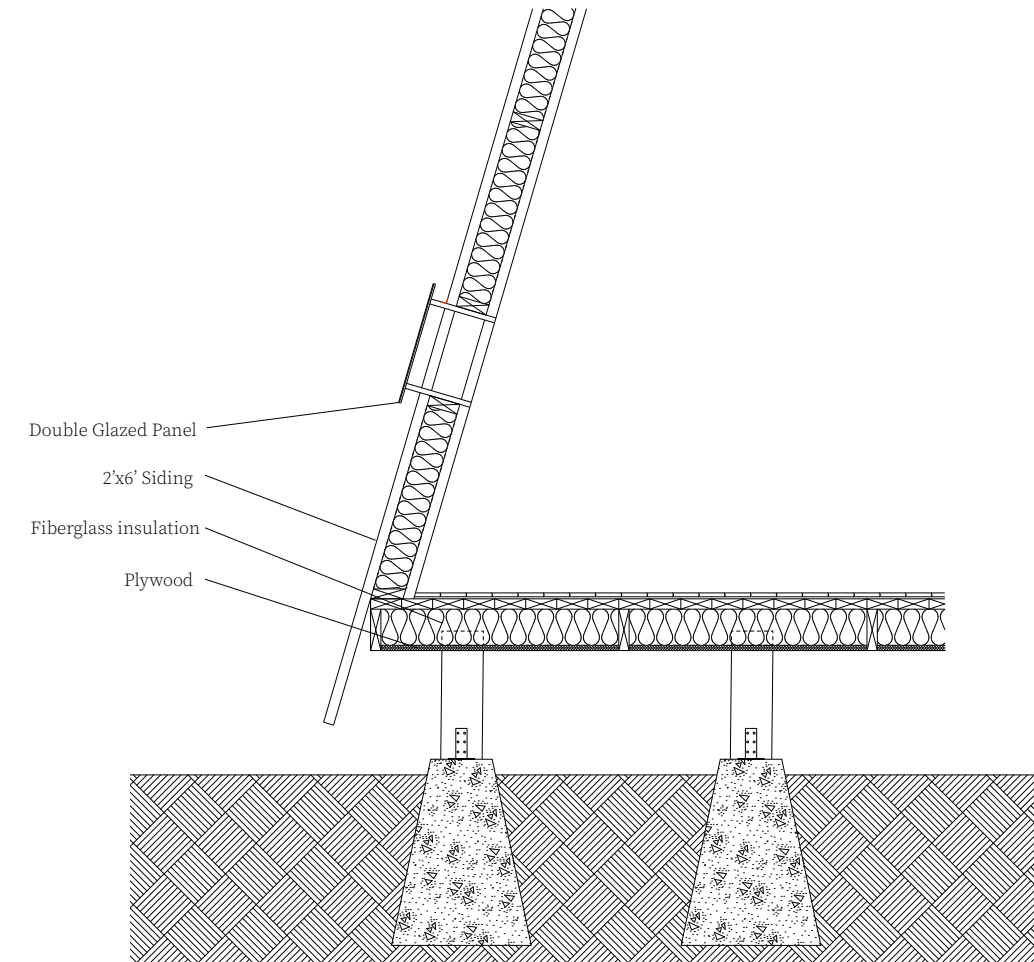
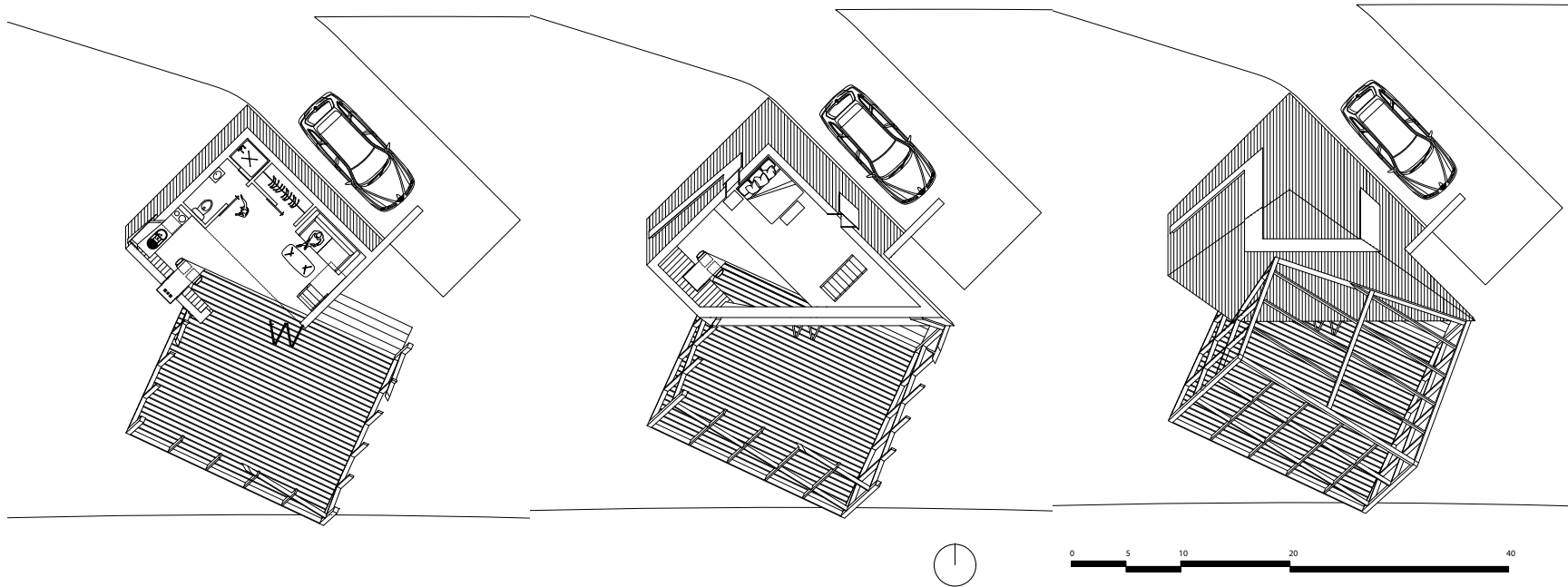
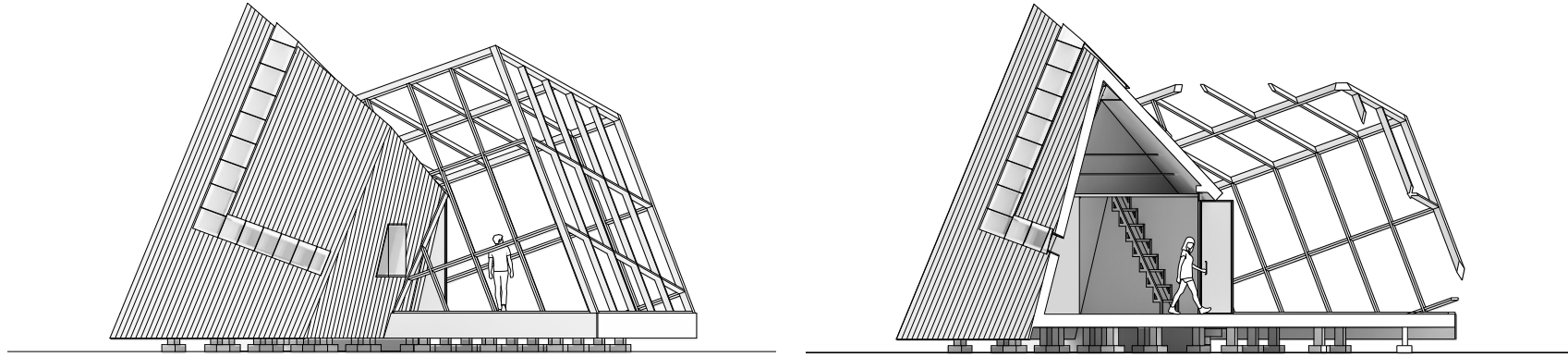
Advanced I  
Spring 2022

Instructor: Michael Benedikt

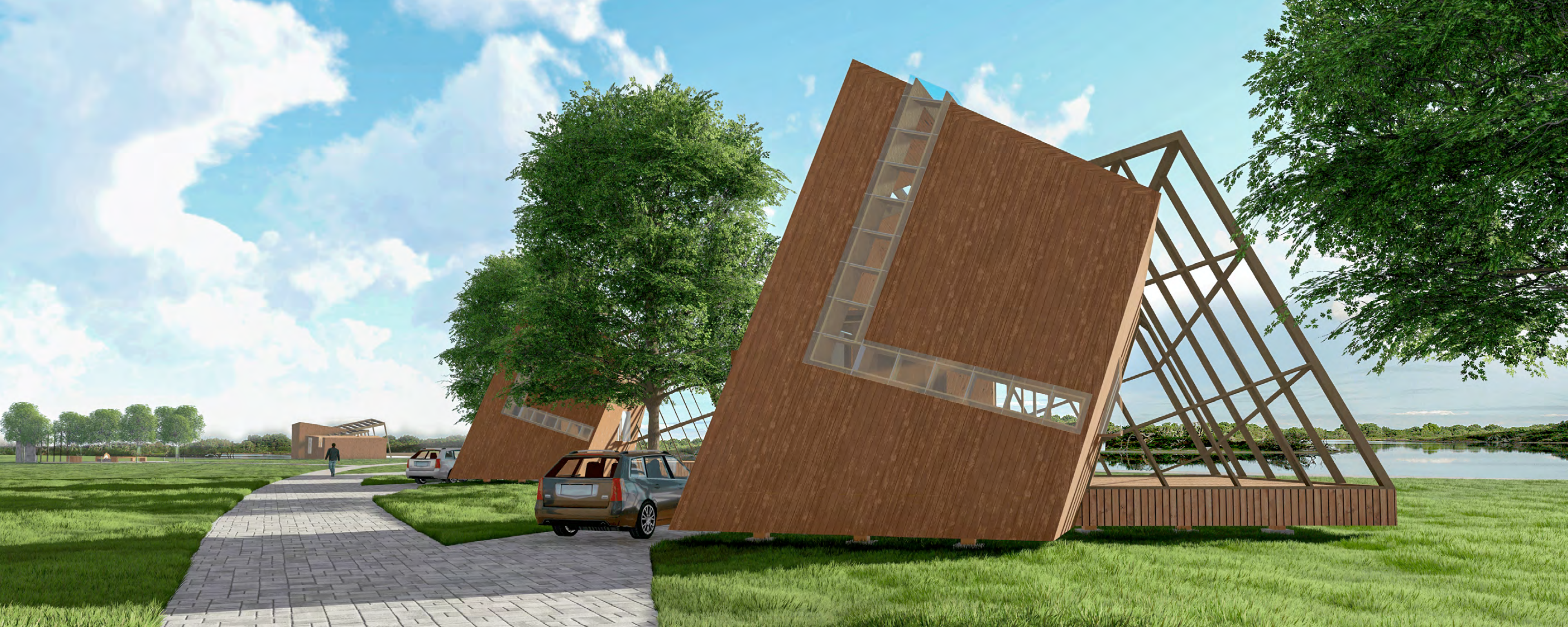
Advanced Design I focuses on creating five cabin retreats settled within a Latvian riverside prairie. Conceptualization of my design began with the ideas of 'positive' and 'negative, and the complex relationship between the two. This resulted in a delicate transition between exterior and interior. The modularity of this space allows the outdoor patio to become an extension of the interior space, as the grid-like members can be outfitted with transparent panels to enclose the space during rainy or cold months.











## Row House Exploration

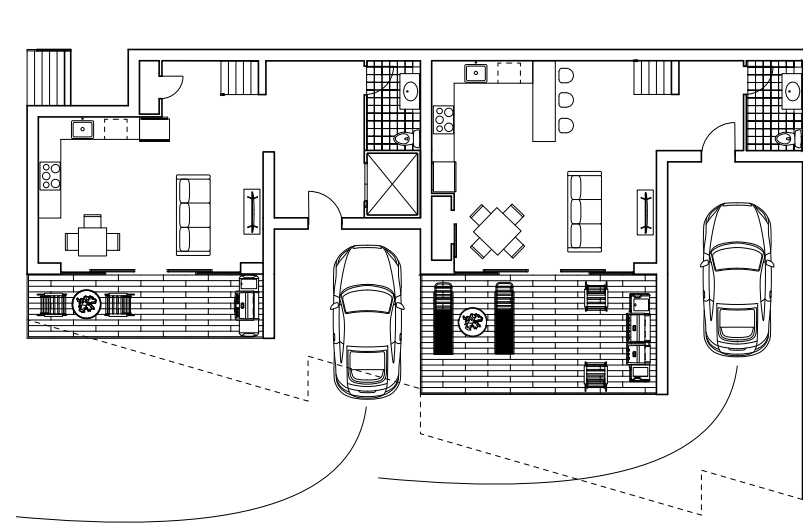
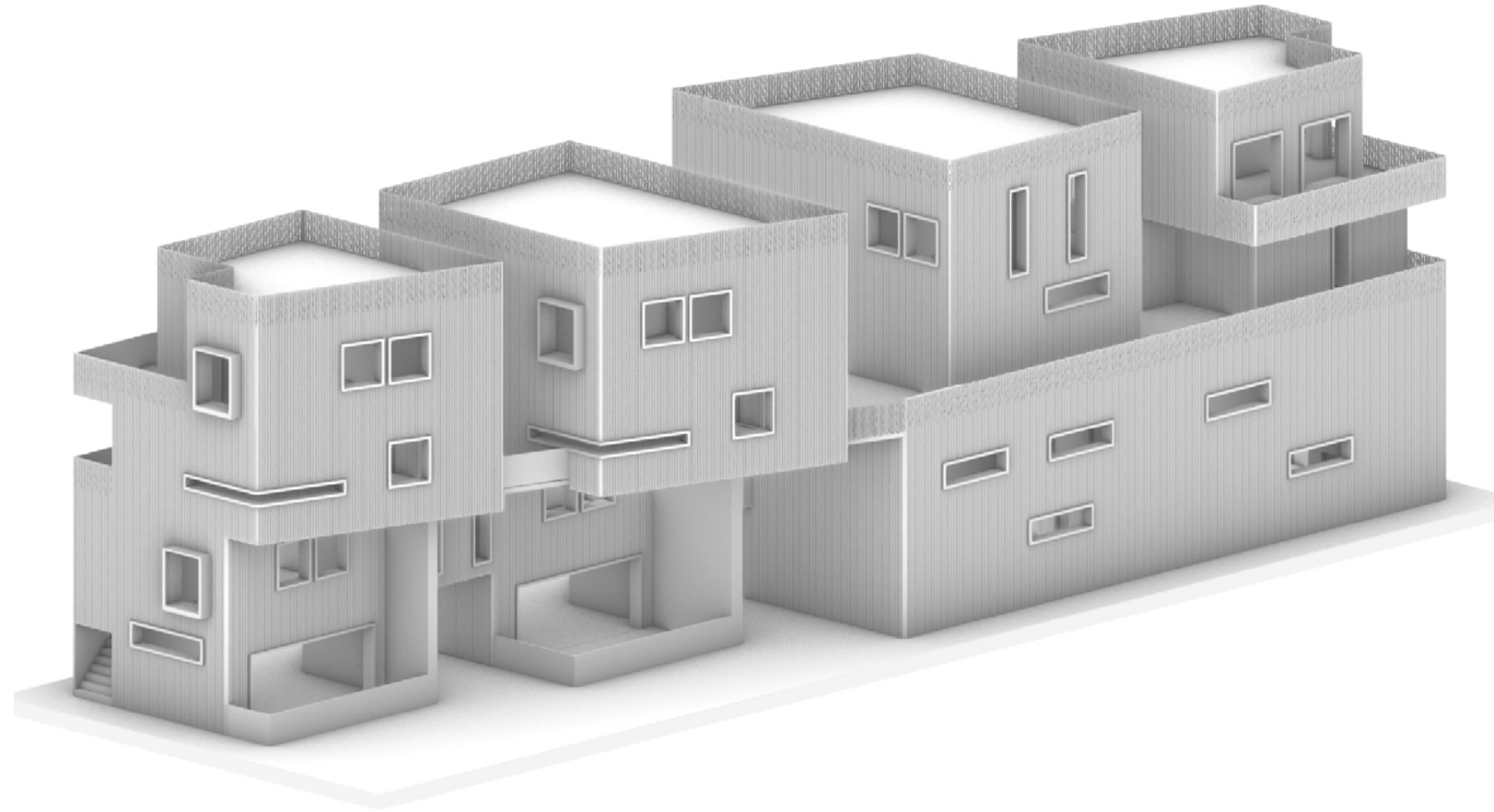
Intermediate IV

Spring 2021

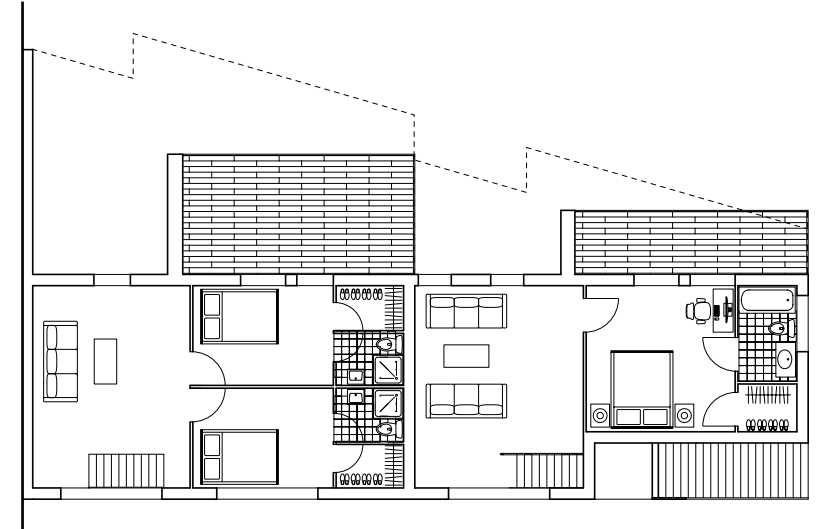
Instructor: Piergianna Mazzocca

The primary intention of this row house design is to promote community while maintaining personal privacy. An inclusive design accommodates all lifestyles, offering single units, family units, and an ADA accessible unit. Privacy will be maximized through the intentional orientation of windows that prevent units from looking directly into one another. Overall, the design aimed to create a community-style row house that gives occupants the sensation of living in a private home.

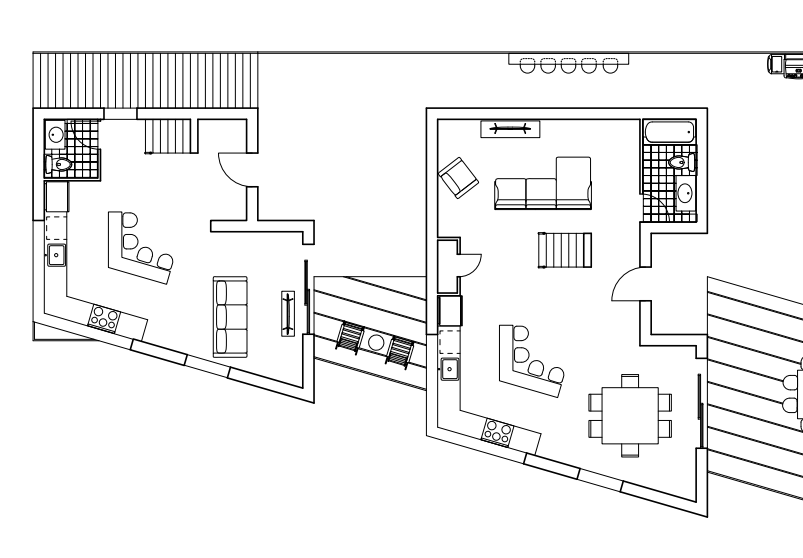




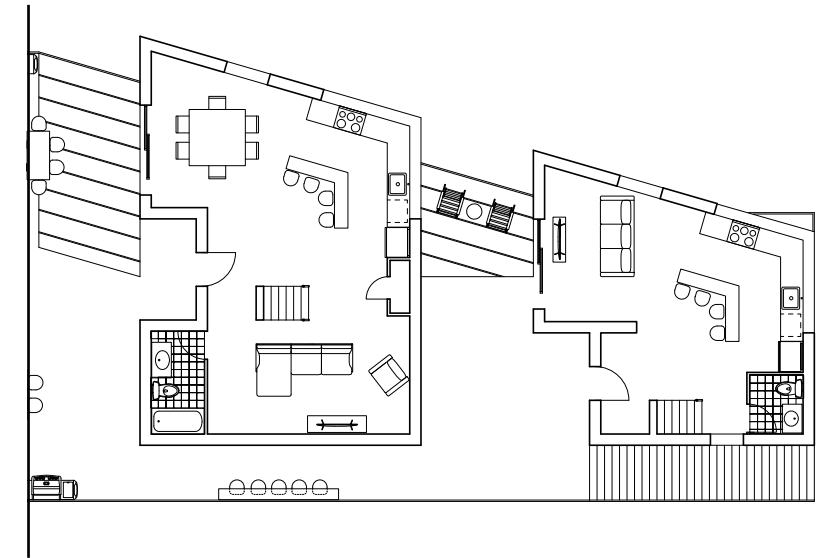
L-1



L-2

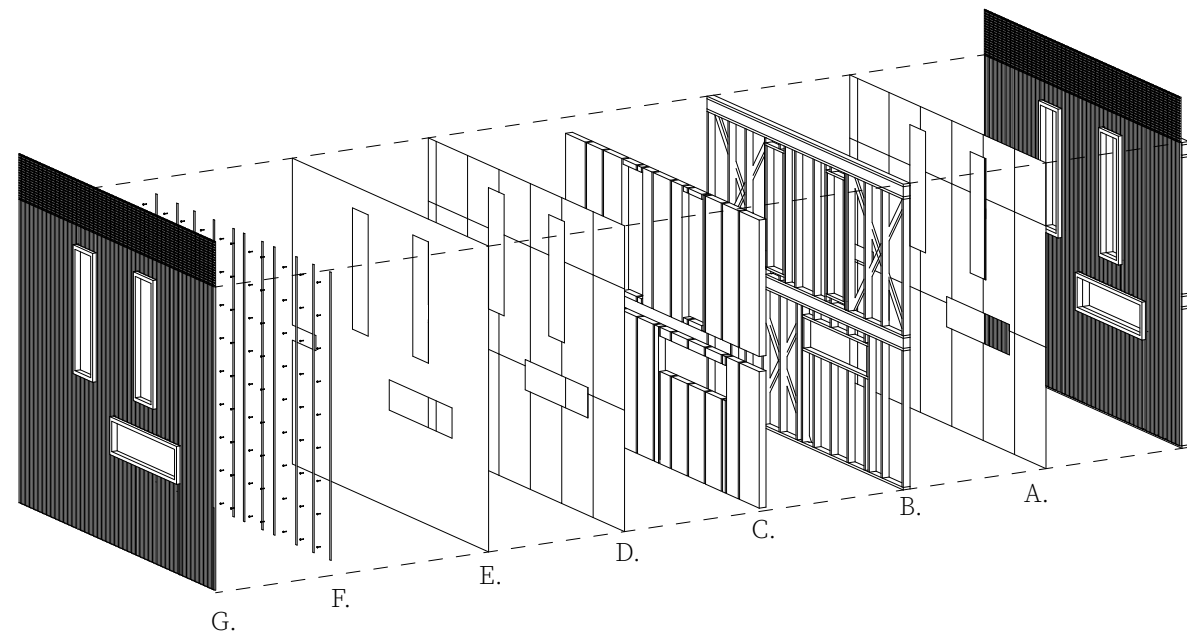
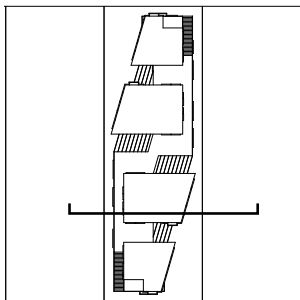
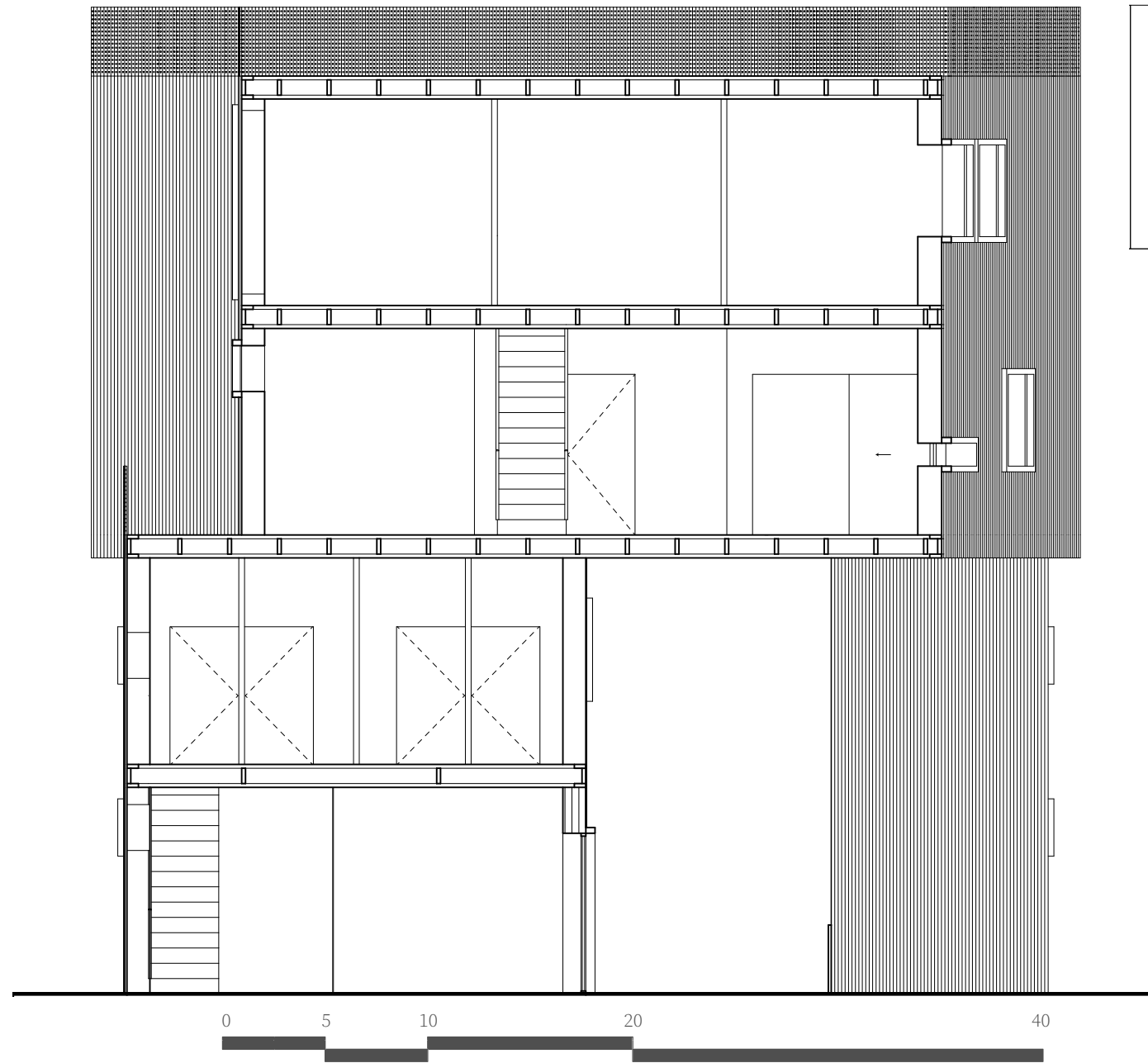


L-3



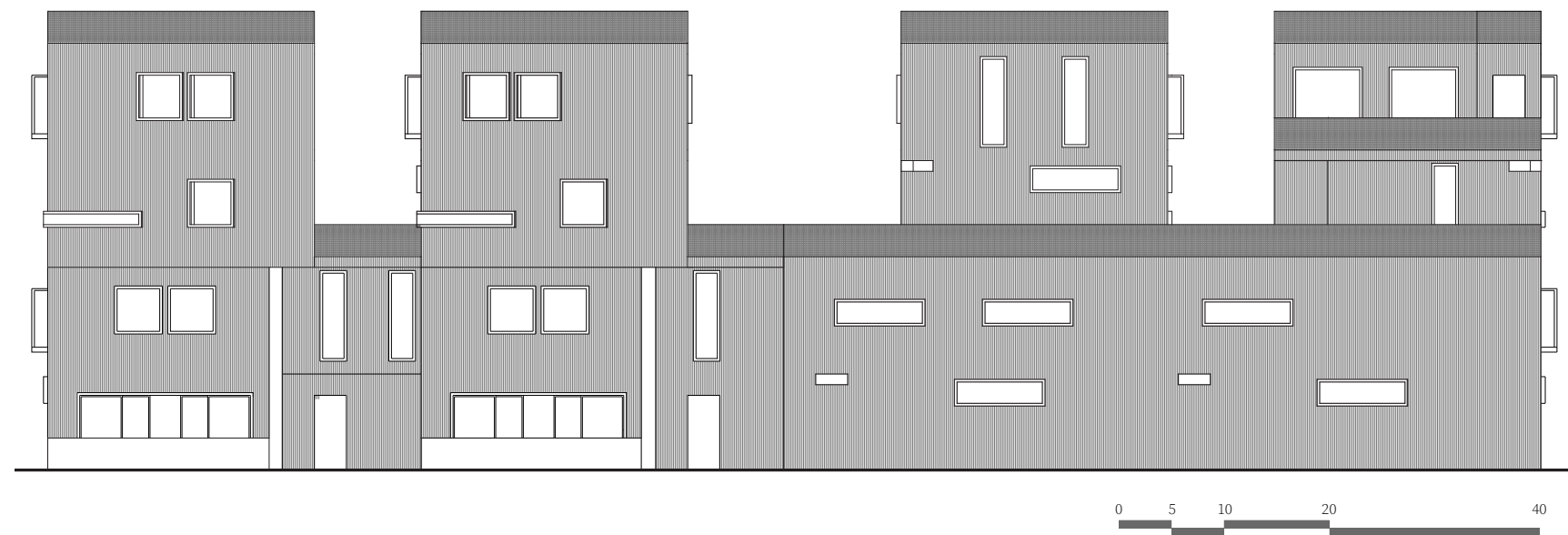
L-4





### Wall Configuration

- A. 1/2" Gypsum Wall Board as Interior Finish
- B. Lightweight Wood Frame
- C. Fiberglass Batt Insulation
- D. Plywood Sheathing
- E. Building Paper
- F. Aluminum Strips
- G. Corrugated Metal Sheet





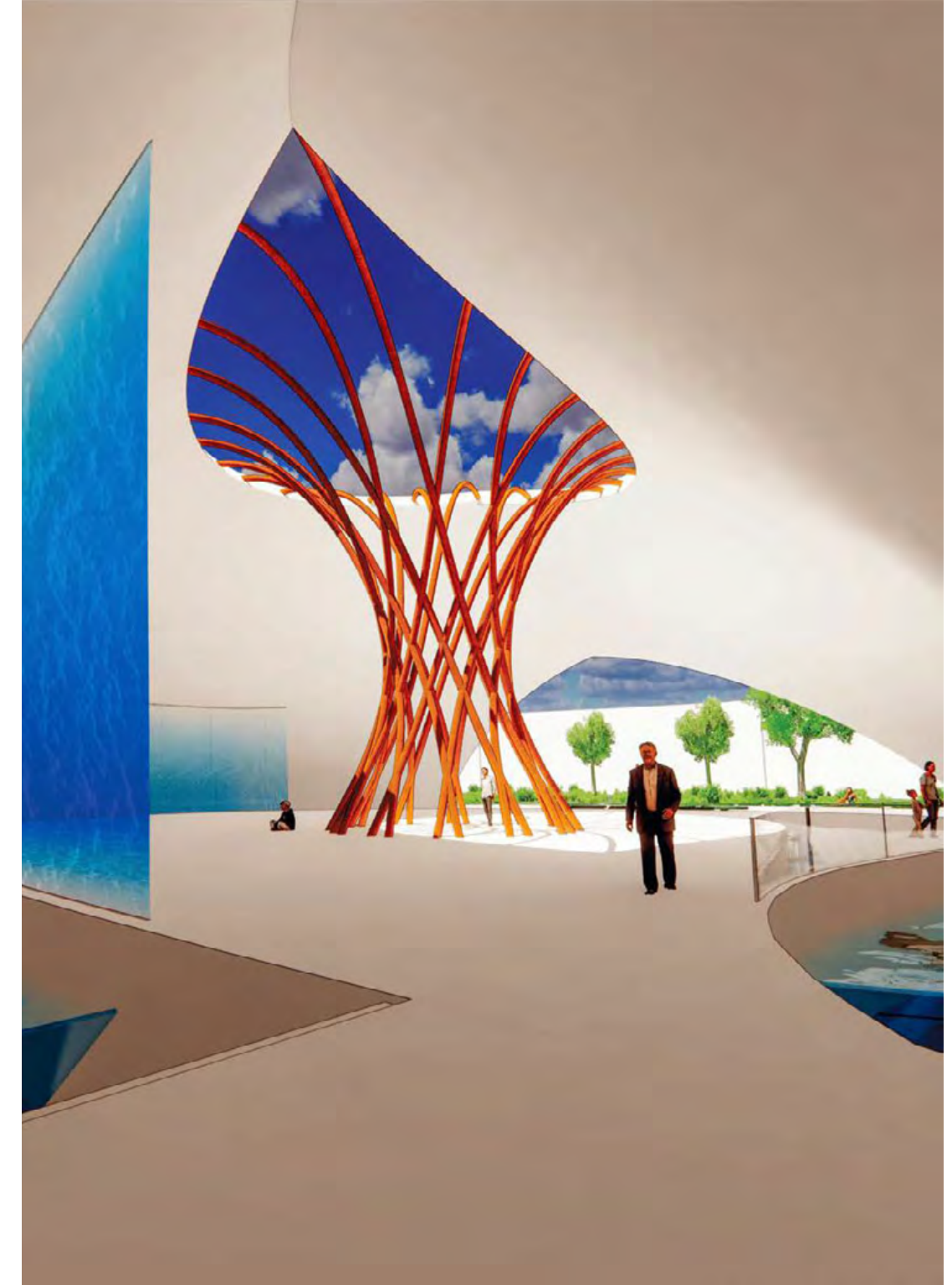
## Dystopian Pavilion

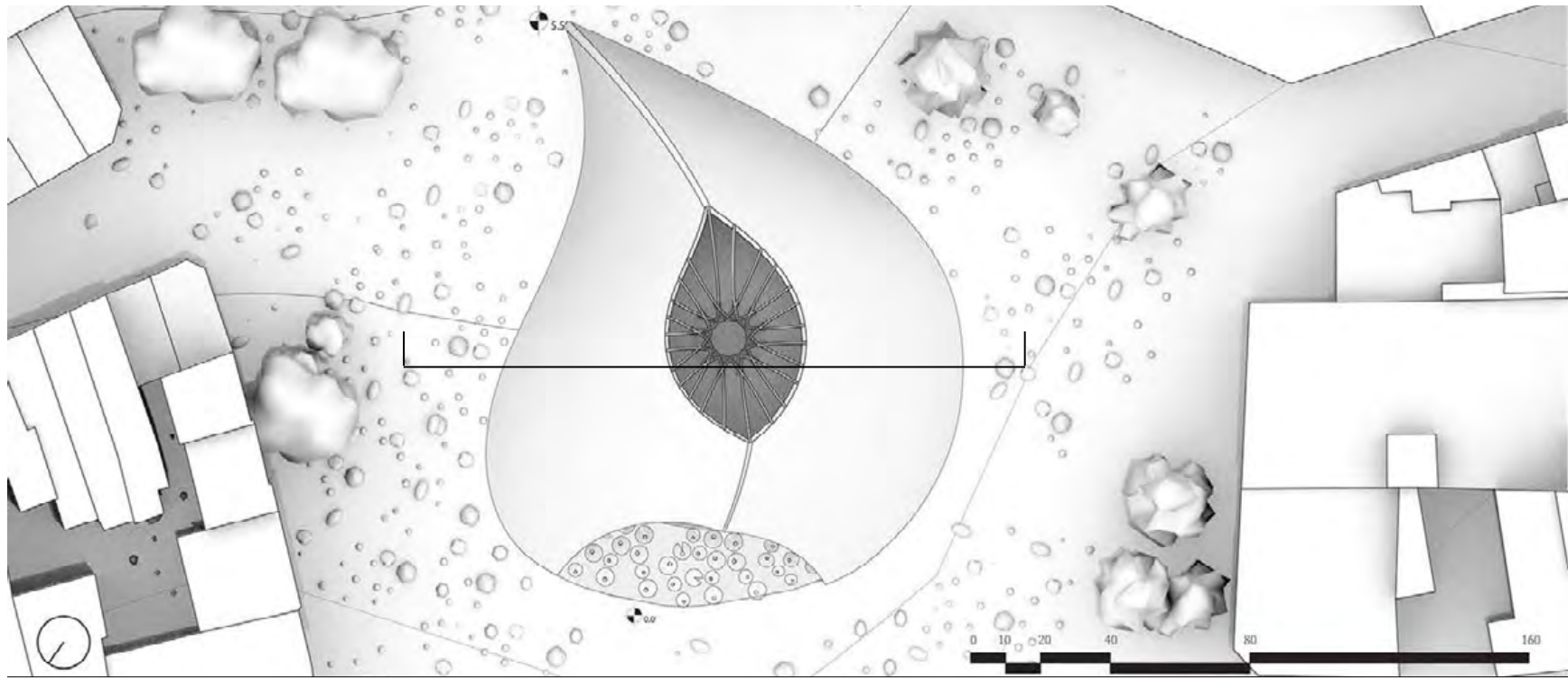
Intermediate II

Spring 2020

Instructor: Jean Pier Trou

The intent for this project is evoking emotion through architectural design. This structure serves as a memorial in a post-apocalyptic dystopian society for mourners to reflect. A place for gathering, acceptance, and remembrance, the memorial seeks to reflect the serenity of nature. The tree-shaped structure, rainfed ponds, and lush grasses come together to result in one harmonious structure, providing a safe space for visitors to feel at peace.





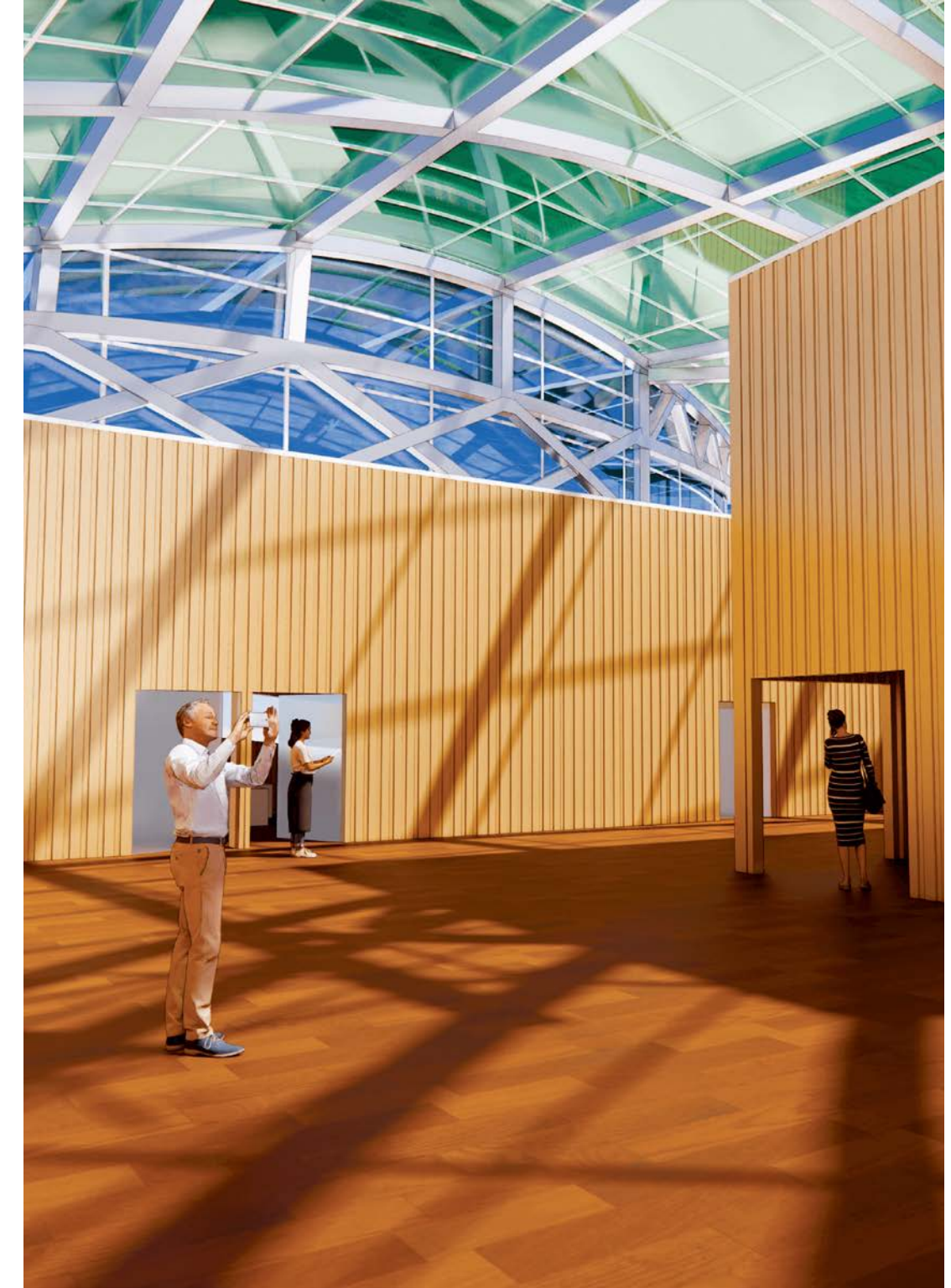
## Movement and Architecture

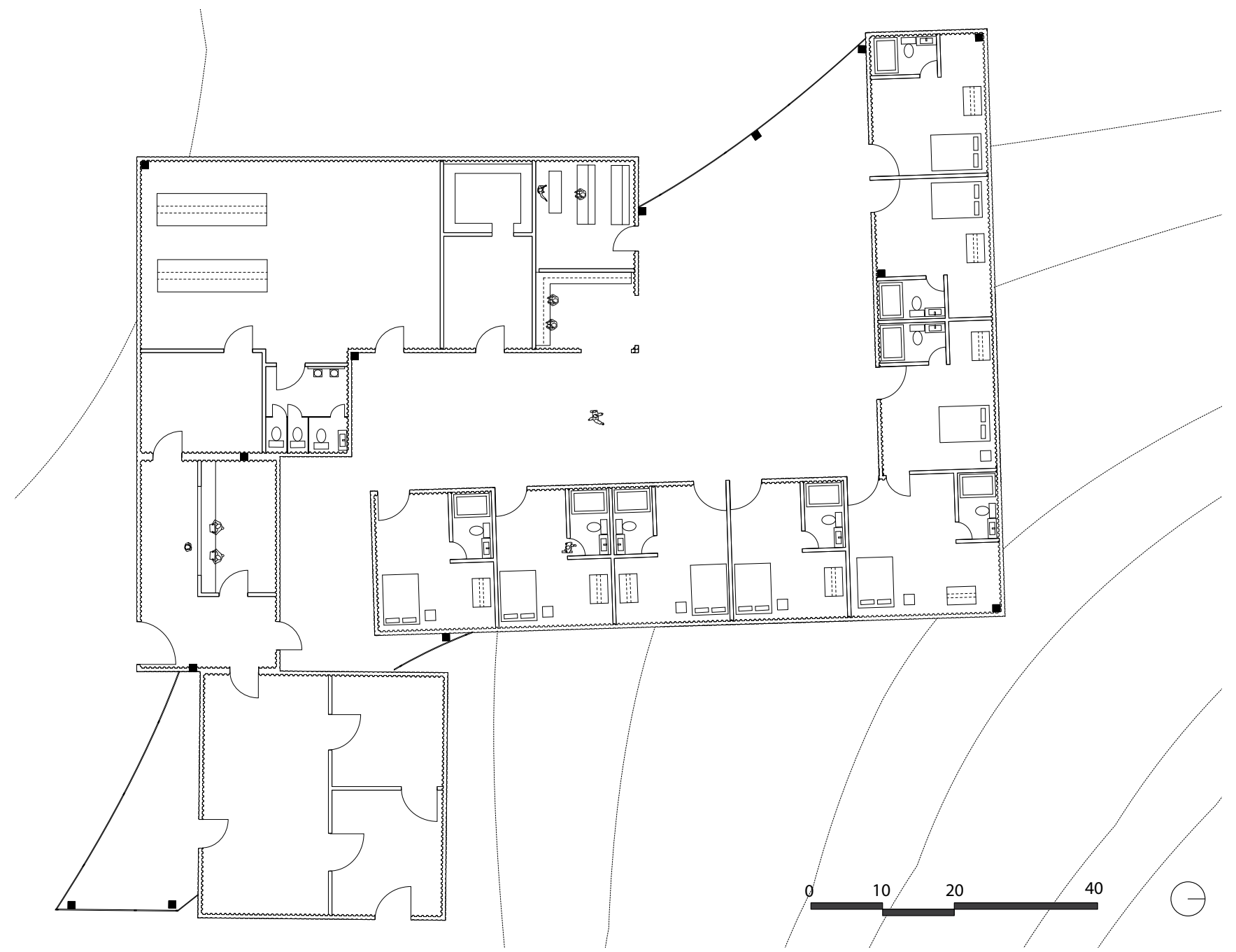
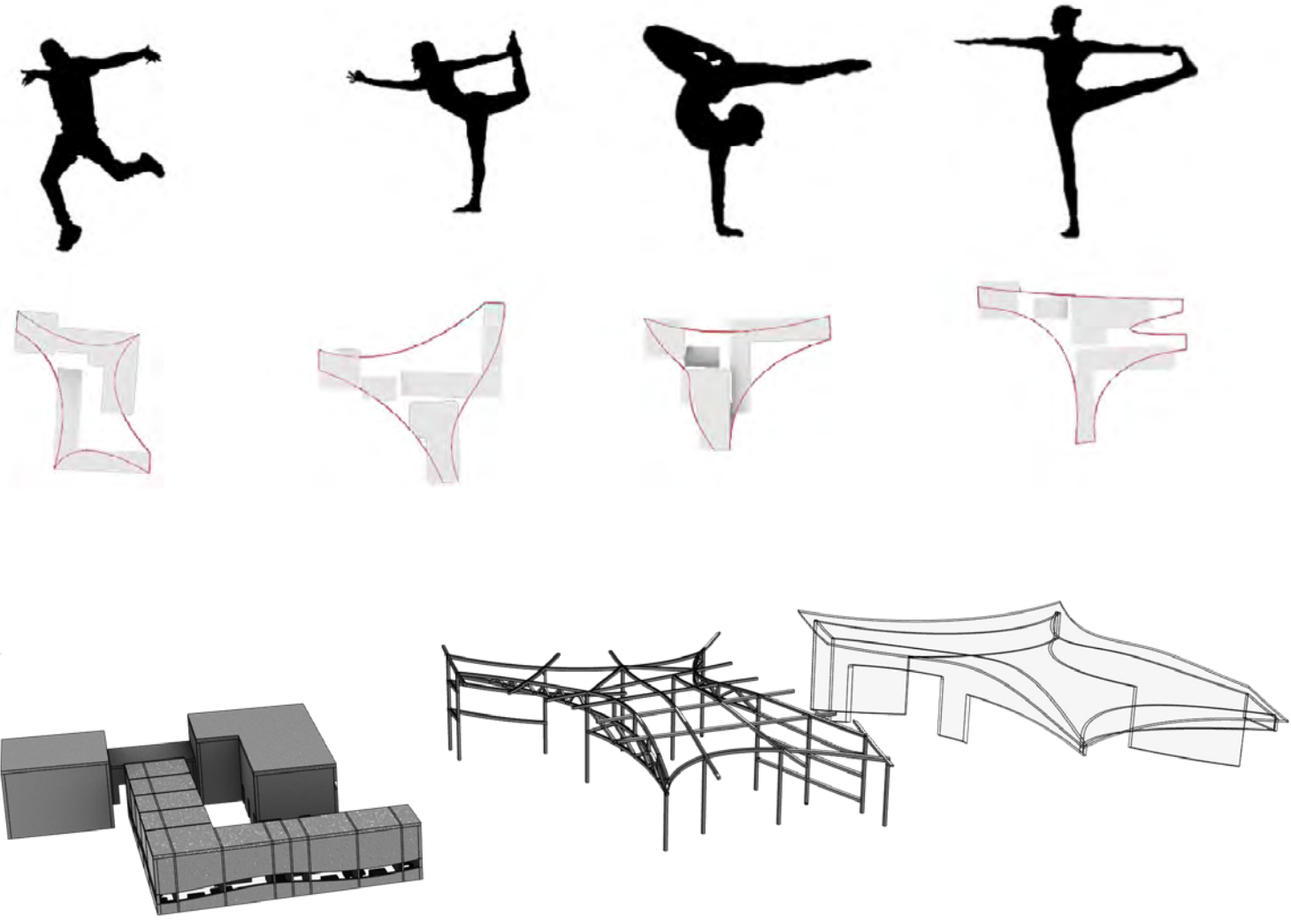
Intermediate III

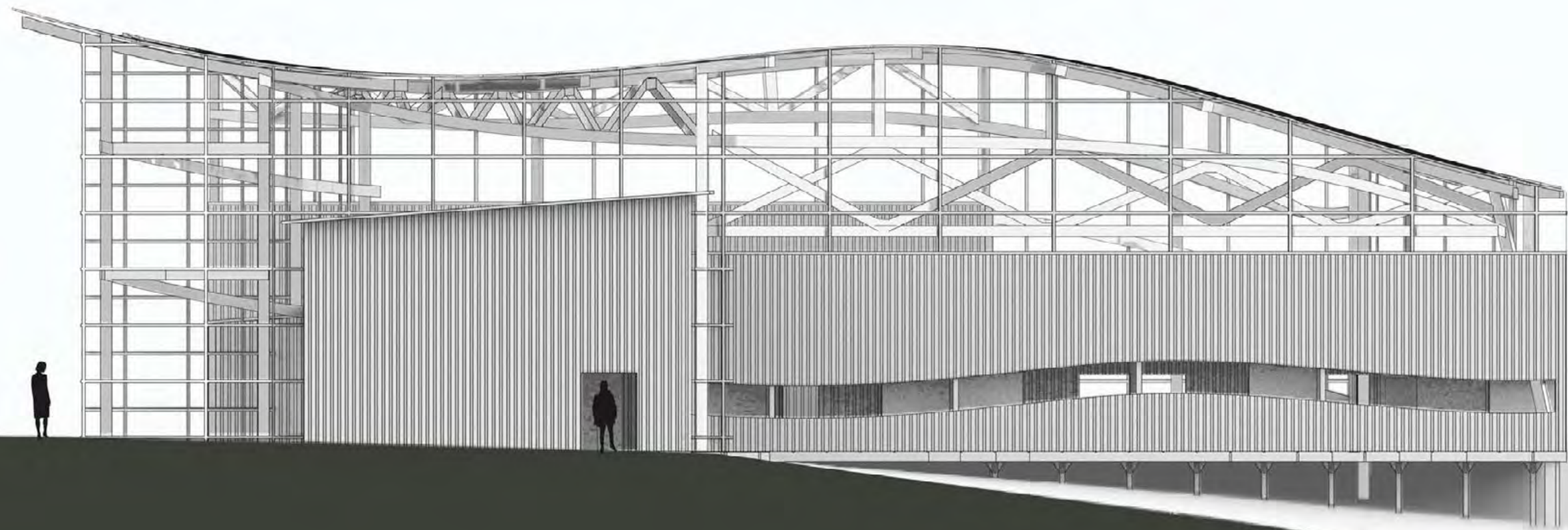
Fall 2020

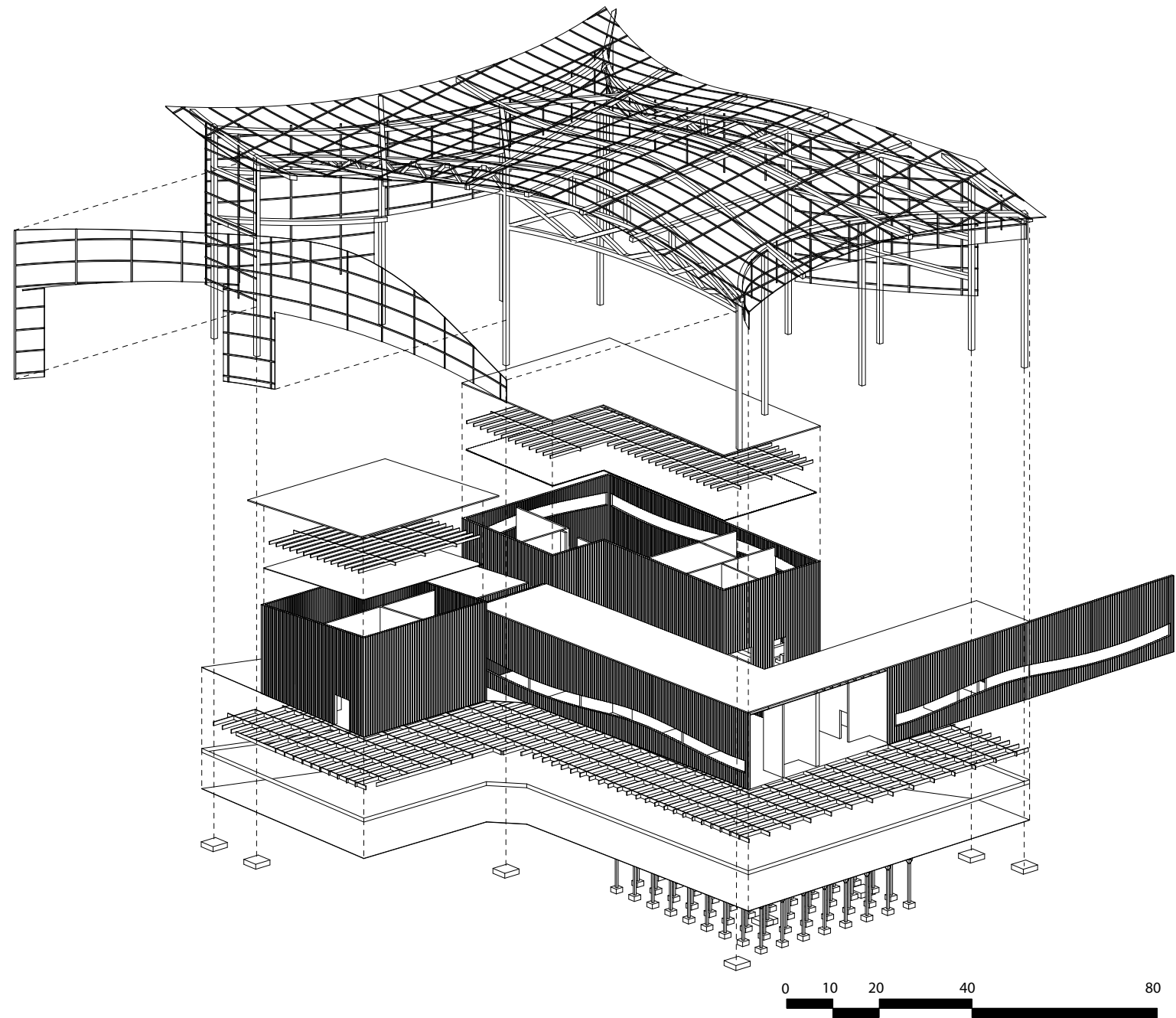
Instructor: Michael McCall

This project explores the use of Precedent in architecture, revealing how representation and functionality can intertwine in architectural design. The project borrows aspects from the Laban Dance Center's reflection on human movement, while borrowing the natural shapes from its surrounding environment. The curvatures of the mountain peaks are captured within the roof, while the warming colors of the interior seek to provide comfort from the harsh environment in the Ötztal Alps of Italy. Overall, this study suggests how incorporating natural/organic life into buildings can amplify the intentions of design.









## Architecture Unseen

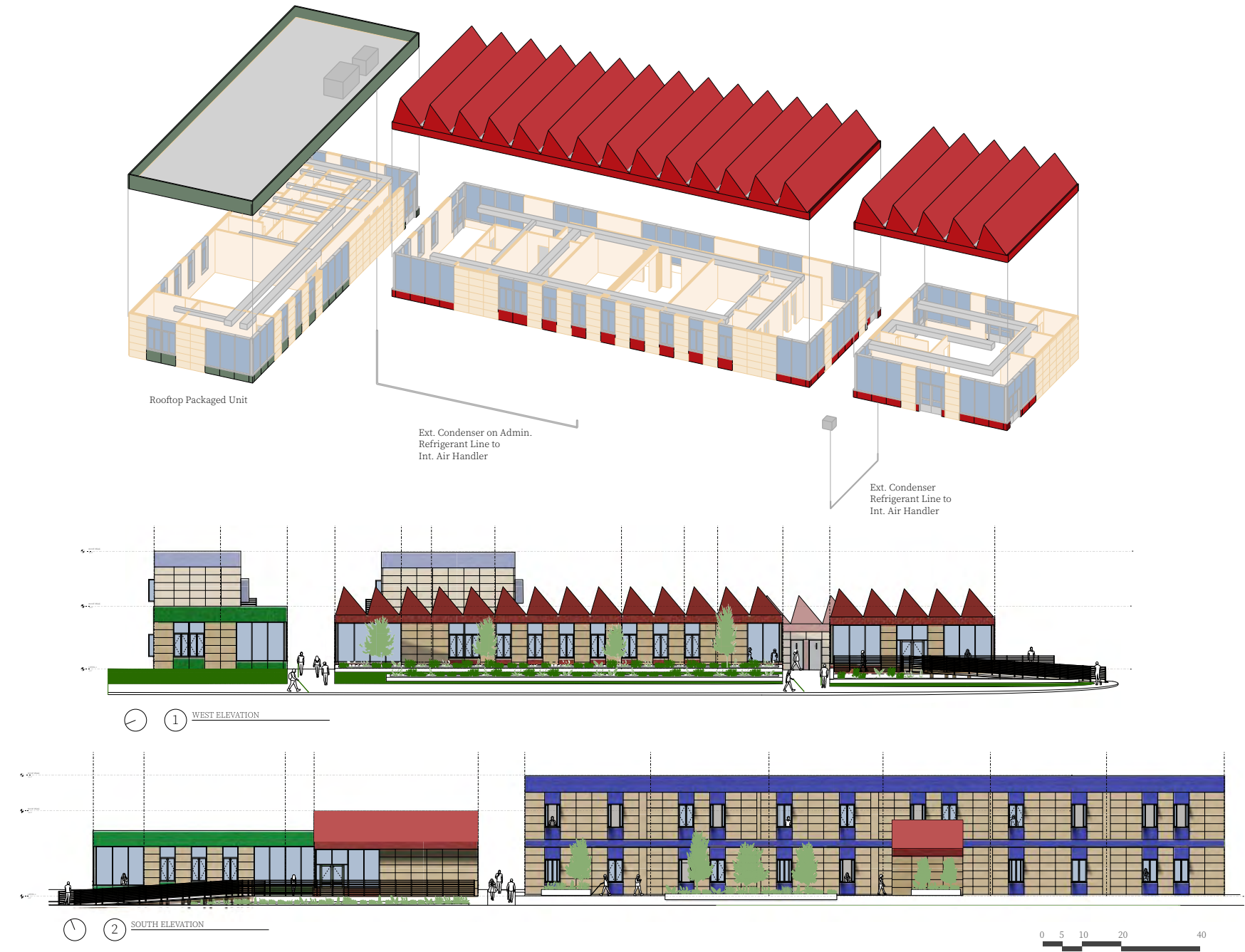
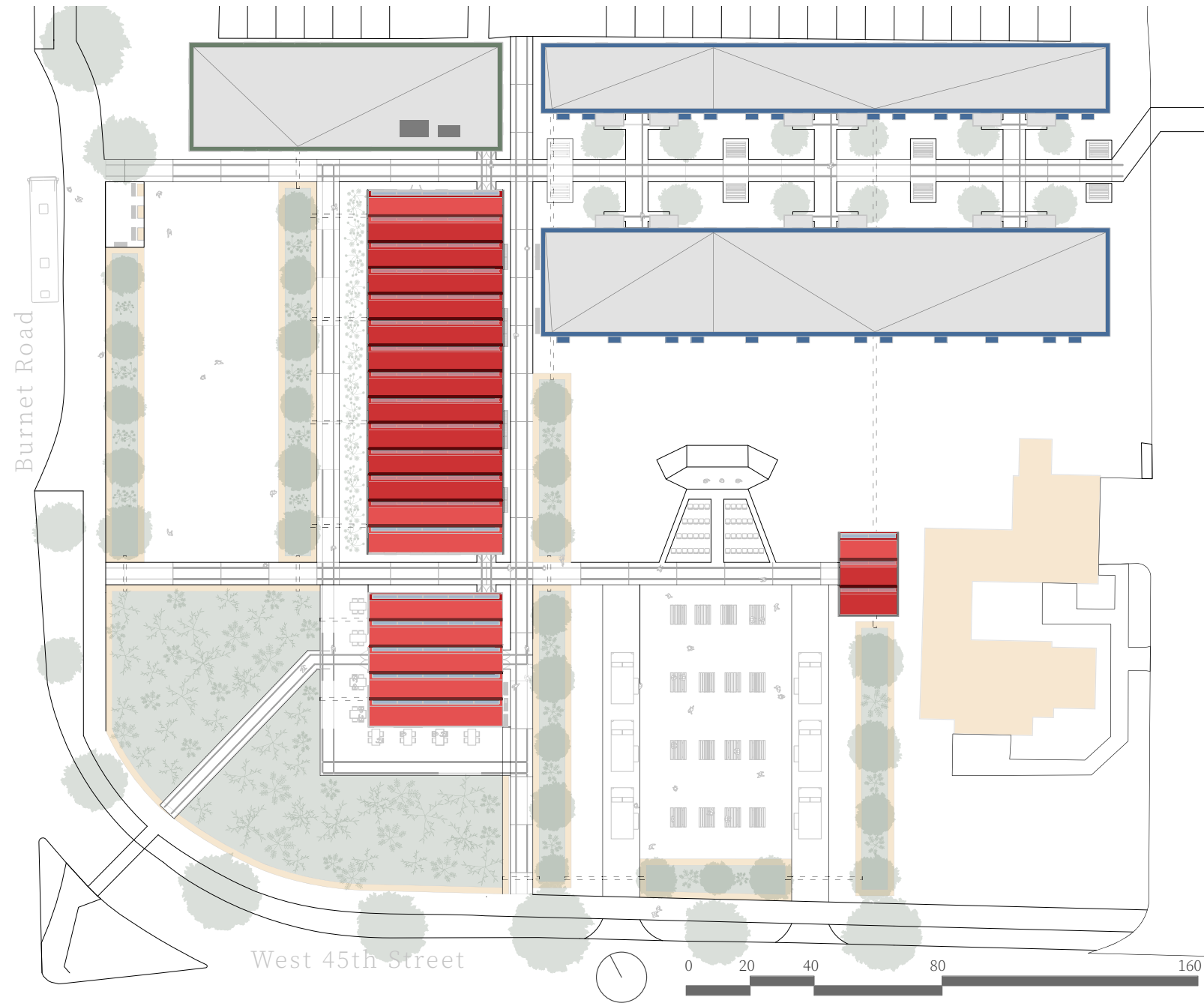
Comprehensive  
Fall 2021

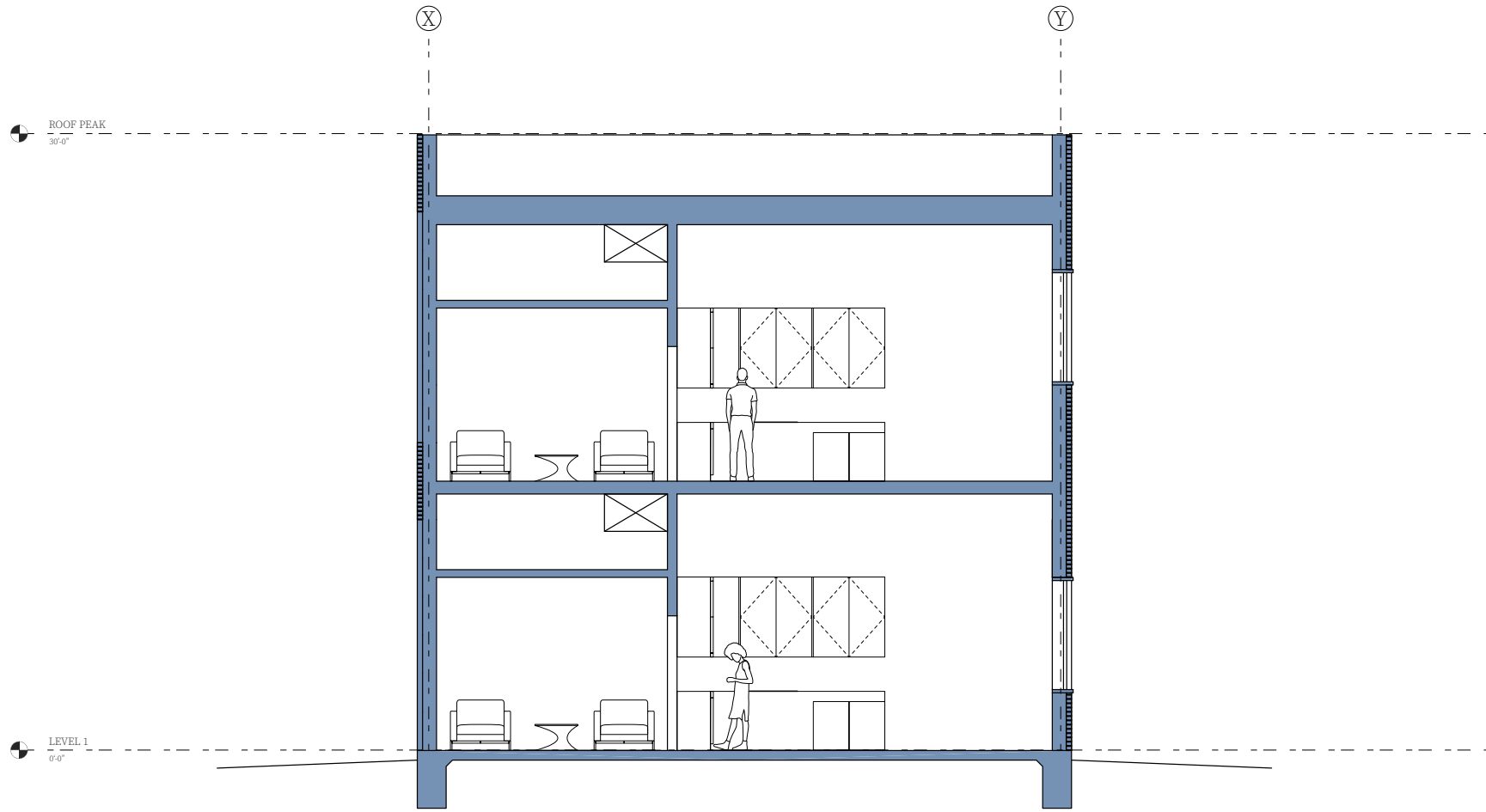
Instructor: Clair Townley, Andrew Stone

Partner: Mason Read

The goal of this project is to shift from visual architecture into an experience that indulges all senses. In this project I am responsible for creating an immersive experience for students at the Texas School for the Blind and Visually Impaired. This is achieved by utilizing textural, auditory, and thermal variations to guide inhabitants throughout campus. The spaces created are designed to foster relationships between students and their surrounding community. This project reiterates the idea that architecture is truly intended to be enjoyed by all.

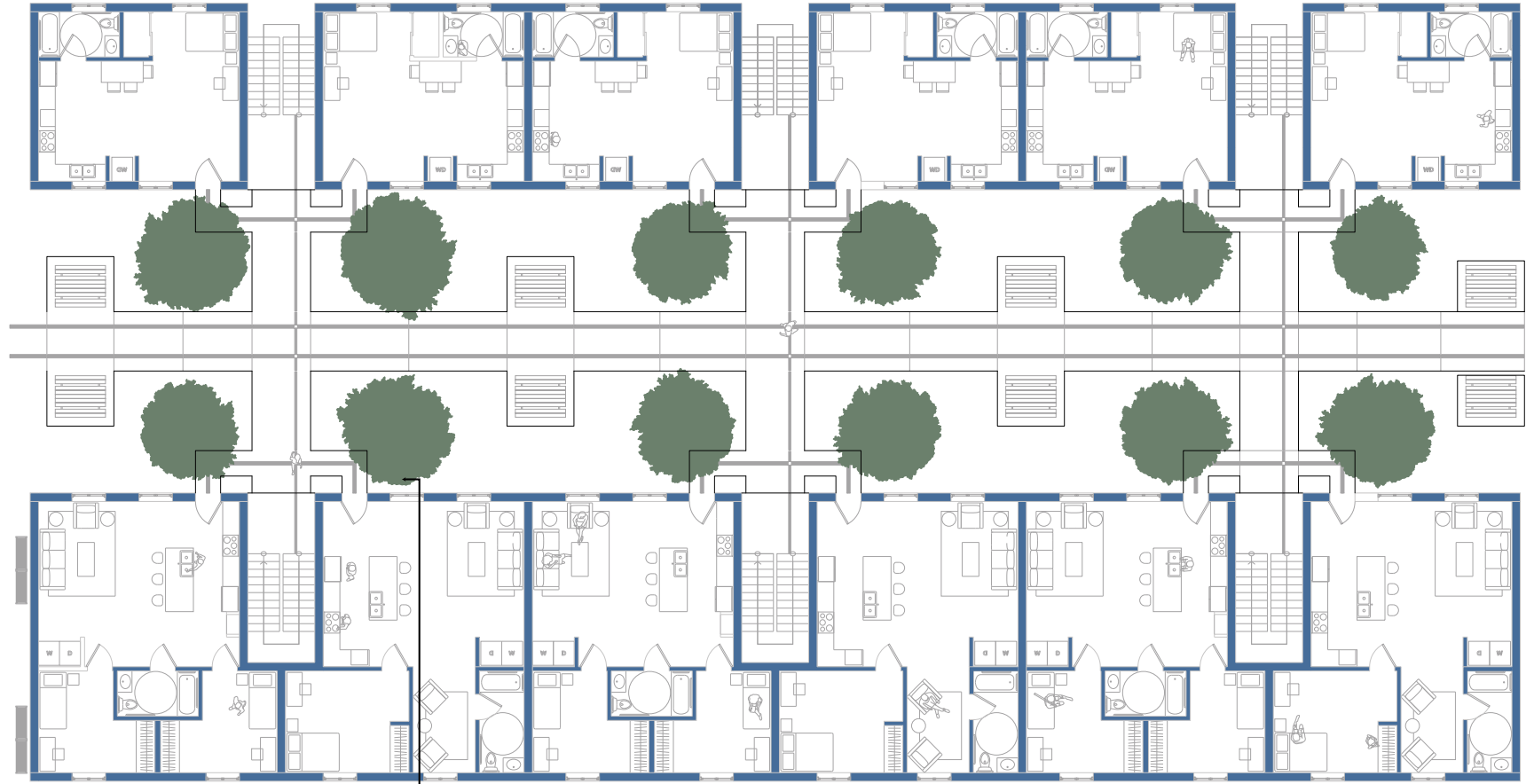




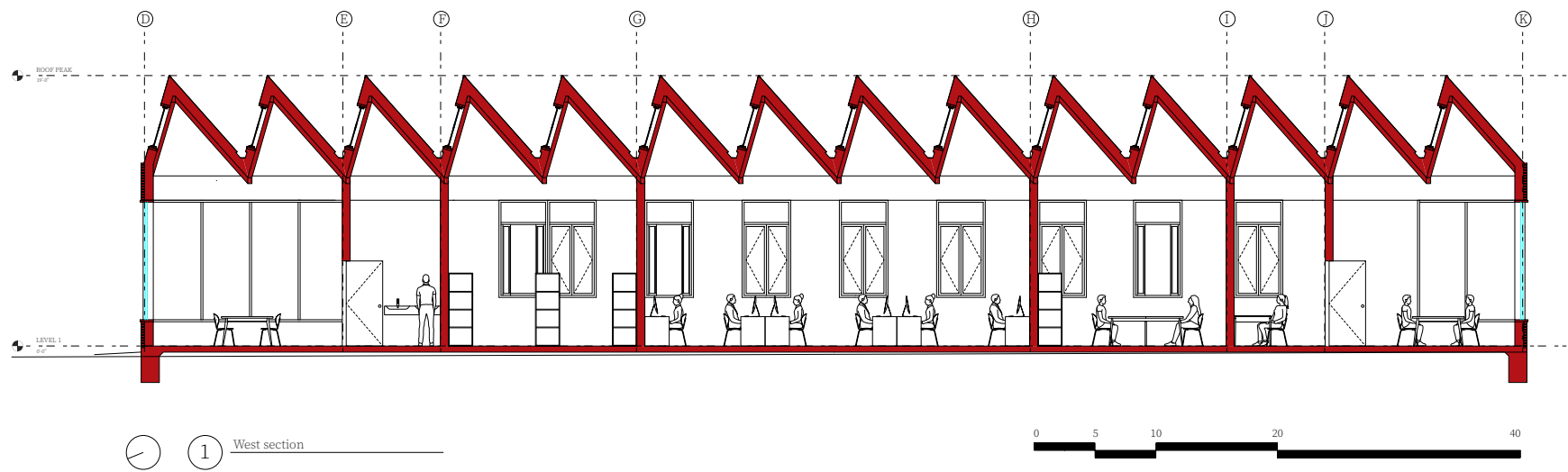
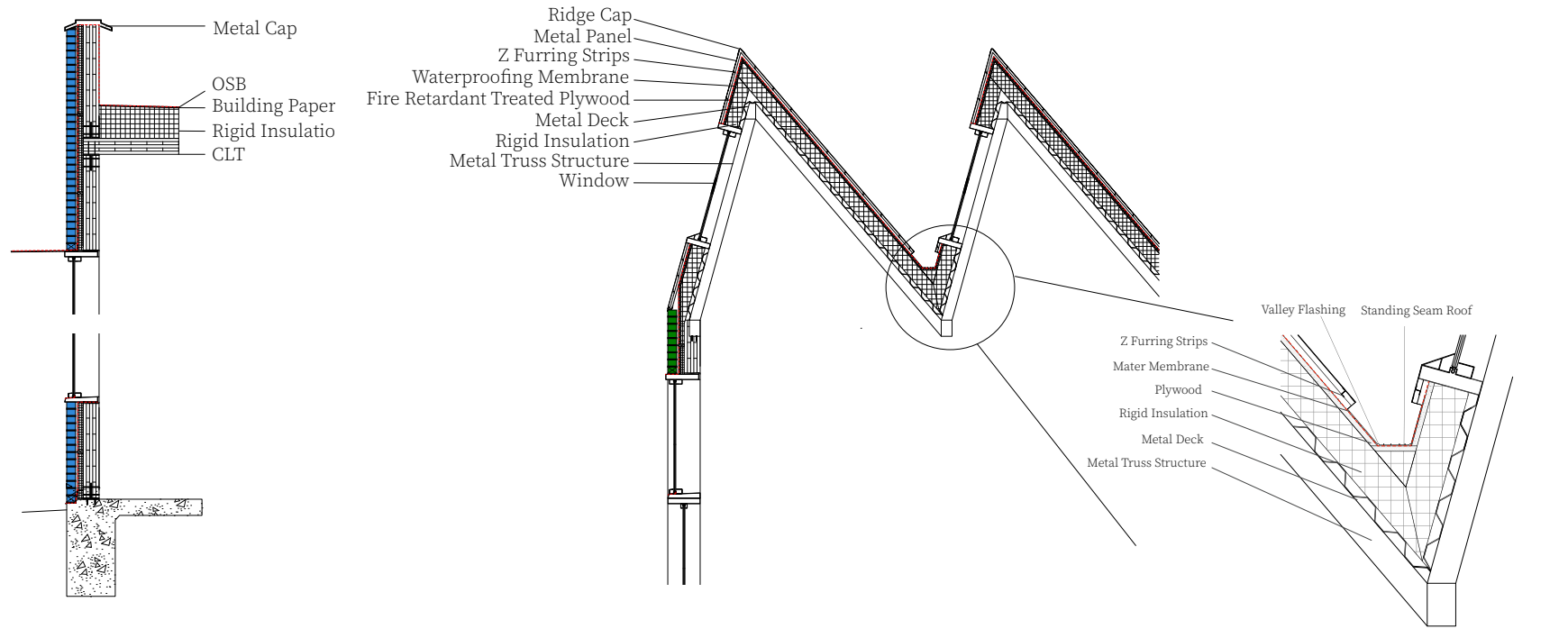


2 East section

0 5 10 20



0 5 10 20 40







*Architecture Graduate*

## Profile

Architecture graduate with a focus on sustainable design and new construction technologies. Design motivated with a comprehensive understanding of form and function as a driver to deliver human centric projects. Working with people from different cultural and linguistic environments has allowed me to see the world from a broader and unique point of view.

**Seeking a full time entry-level position.**

## Contact

Austin, Texas

(737) 230-0177

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## Education

Bachelor of Architecture  
The University of Texas at Austin  
Austin, Texas

## Experience

**Perkins & Will**  
*Architectural Intern - Chicago, Illinois*  
*June 2022 - December 2022*

Worked on design teams of 3-6 people under direction of Jessica Figenholtz, Eileen Jones, and Ralph Johnson to produce schematic designs on K-12, higher education, and branded environments national and international projects.

**President's Award for Global Learning**  
*Sustainability Energy Research Member - Austin, Texas*  
*December 2021 - Present*

Selected to research and propose a sustainable energy alternative to implement in the Galapagos Islands. Appointed primary source of contact with stakeholders and Ecuadorian third parties. Data interpreter and translator. Responsible for the cultural integration of the proposal.

**Upwork**  
*Freelancer - Austin, Texas*  
*October 2021 - Present*

Worked with a variety of clients to create CAD designs for 3D Printing and CNC cutting. Assisted small engineering business with the creation of custom 3D printed integrated fan and cooling systems for their data centers.

## Skills

Rhino      Revit      Illustrator

Photoshop      Lumion      Enscape

## References

**Jerry Johnson**  
*Design Principal at Perkins and Will*  
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E: jerry.johnson@perkinswill.com

**David Heymann**  
*University Distinguished Teaching Professor*  
P: (512) 232-4083  
E: heymann@utexas.edu

## Languages

English - Fluent

Spanish - Fluent