

Mateo Mesa

Selected Works 2023-2024

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Pape Nature Park Competition

Participant, September 2024 - December 2024

AIAS Kean University

President, May 2024 - Present

Freshman Representative, September 2023 - May 2024

Kean University School of Public Architecture

Leap Intern, September 2024 - October 2024

The Architectural League of New York

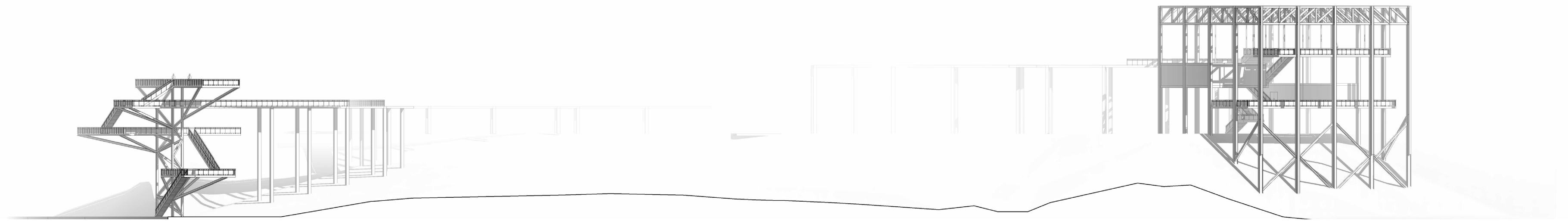
Mentee, September 2023 - June 2024

Birdtower & Classrooms

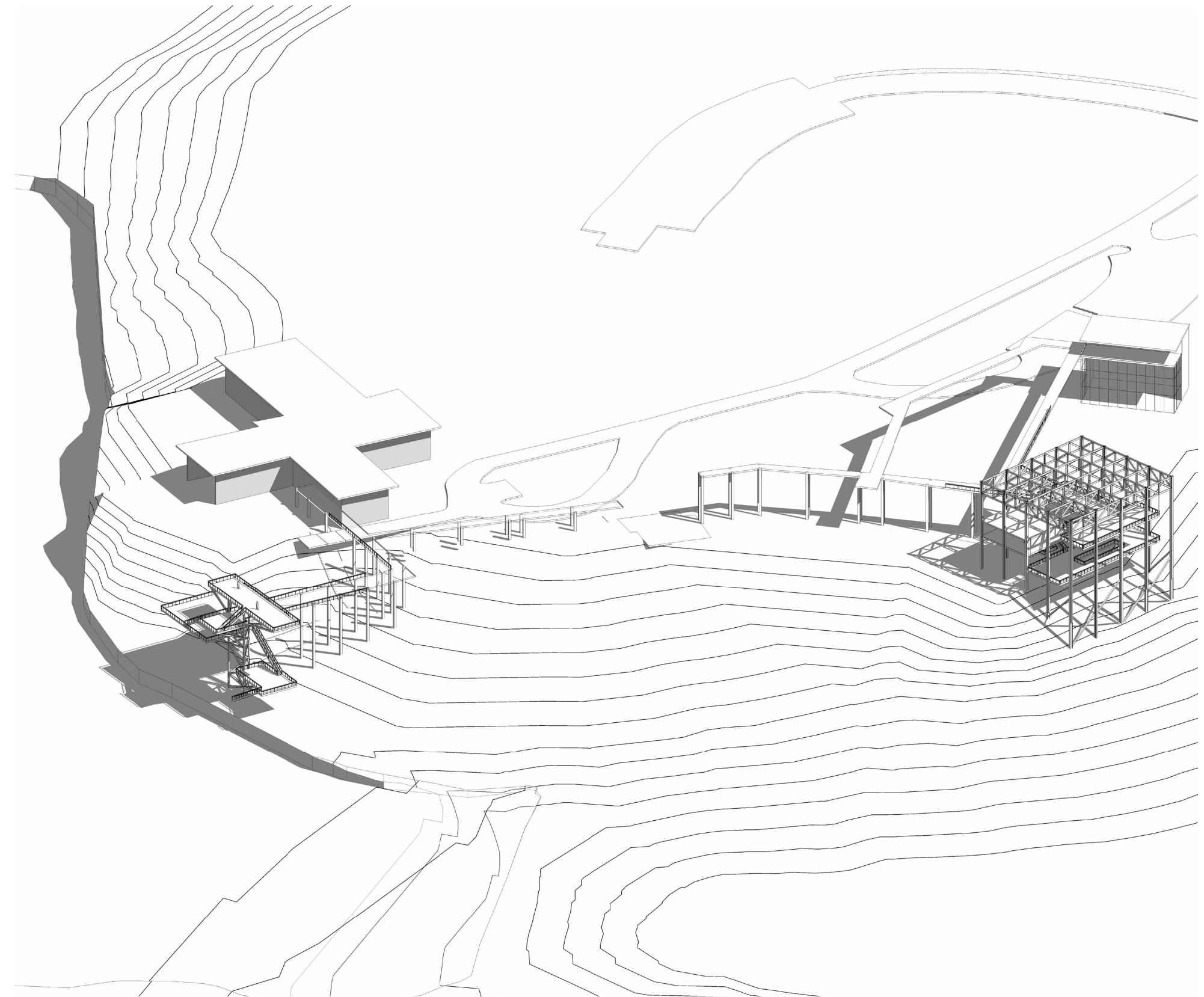
Location: Kean Skylands

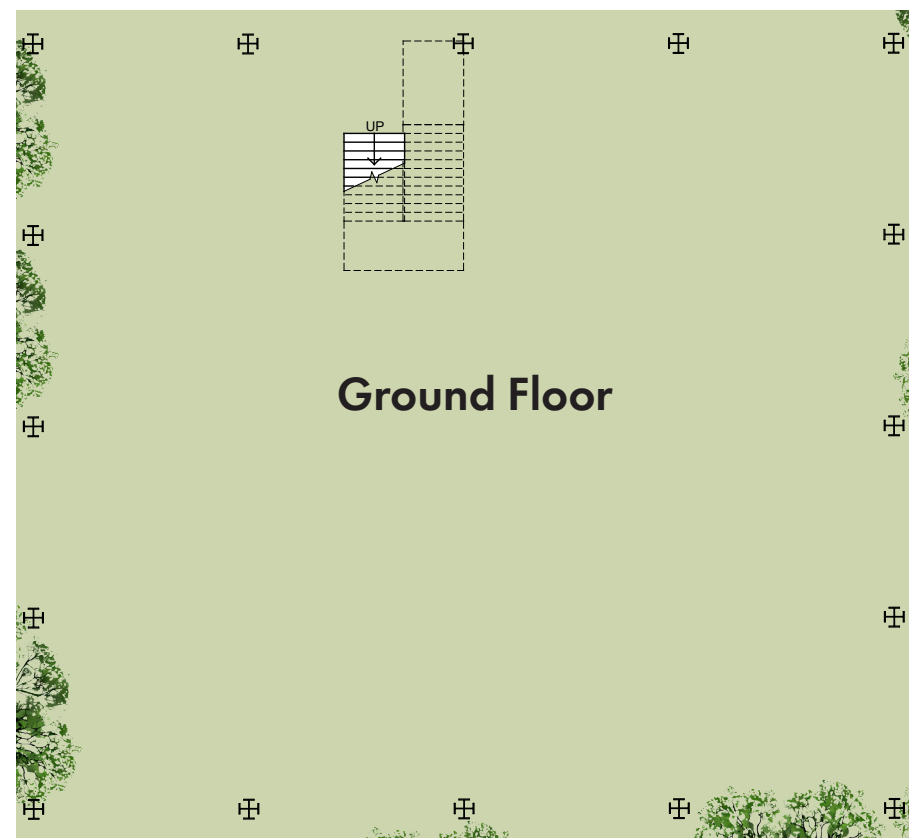
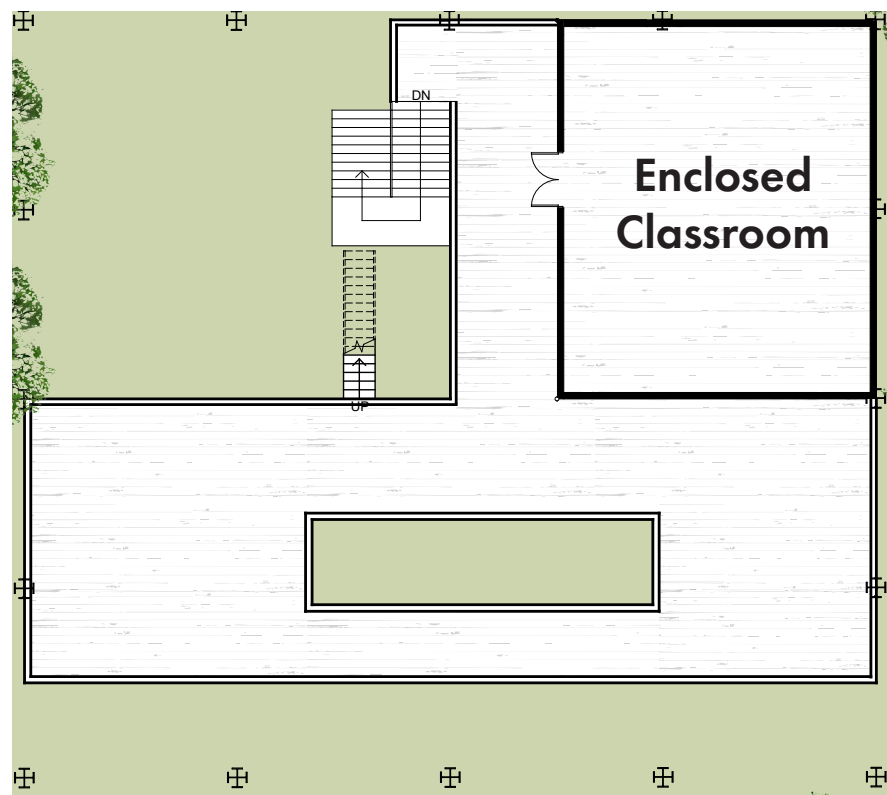
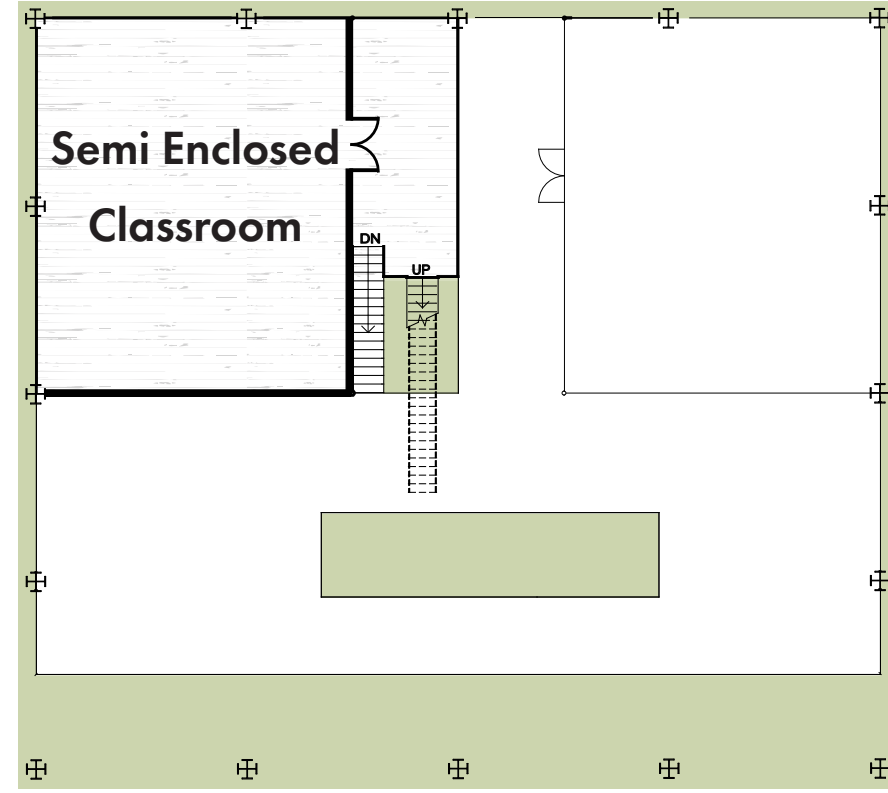
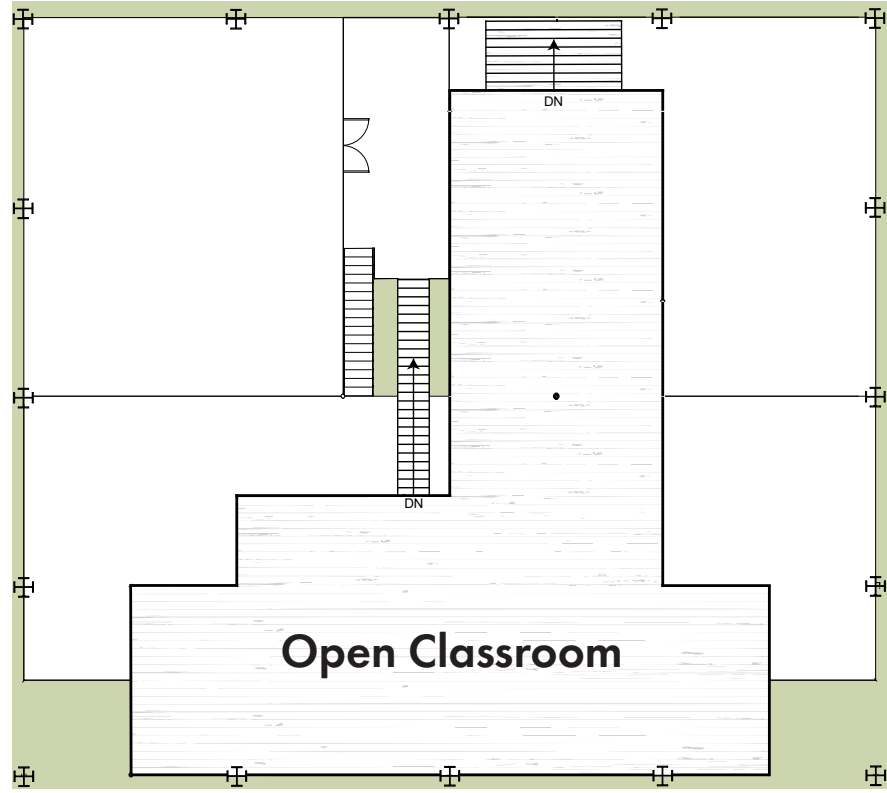
Date: 9/24 - 12/24

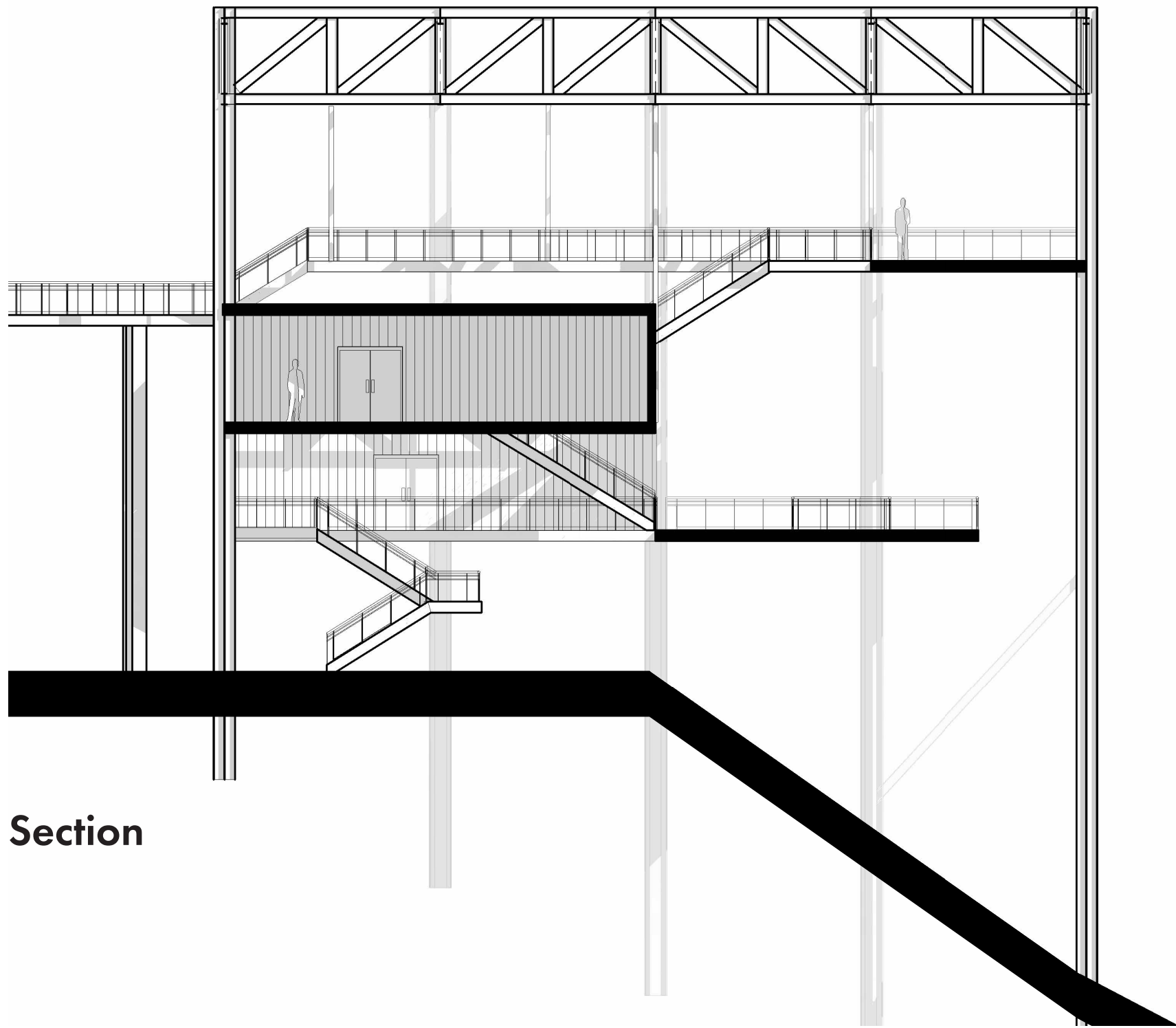
Instructor: Mathanki Kalapathy



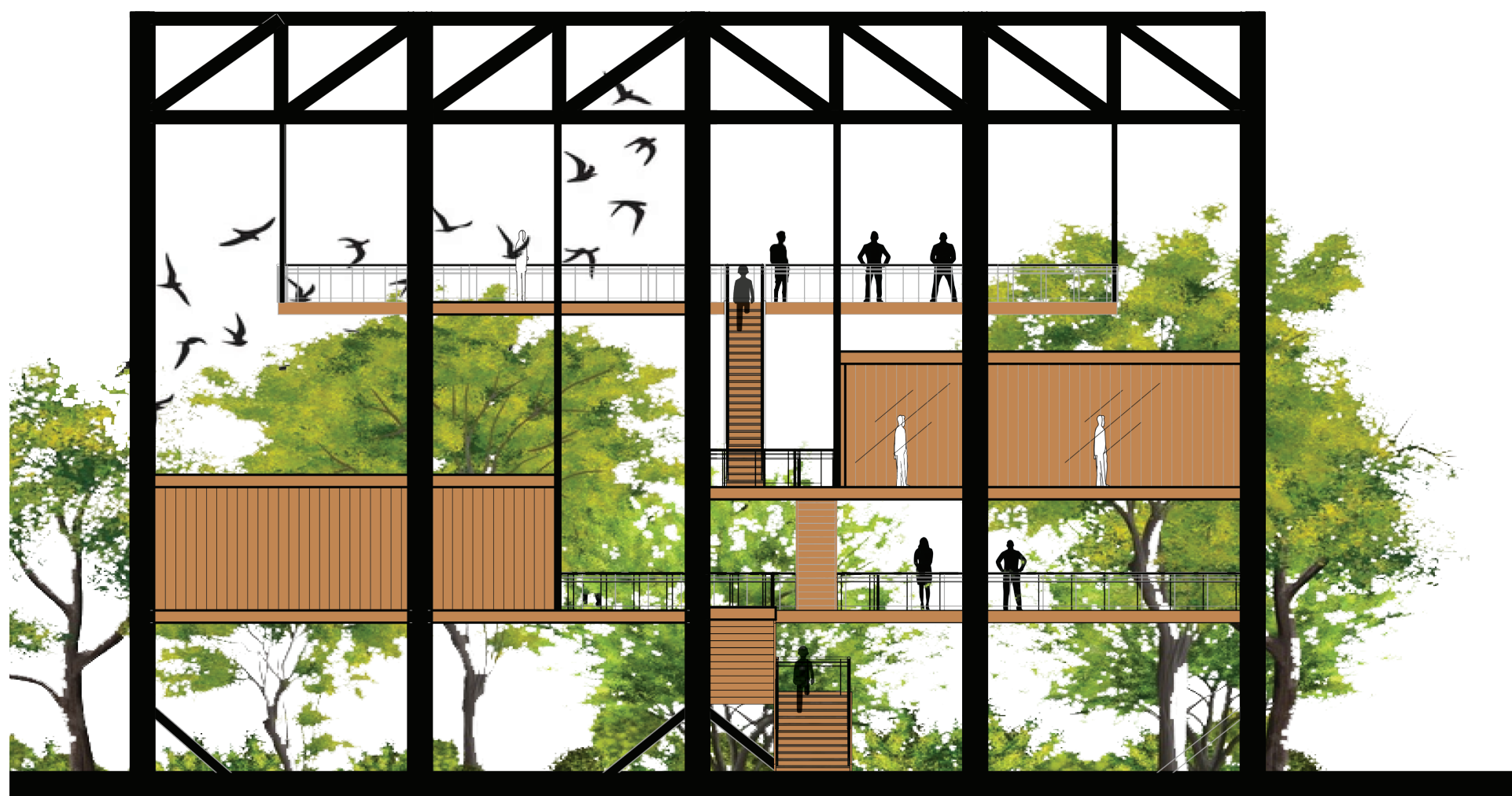
My design emphasizes adaptability to meet the evolving needs of the campus. The structures are designed to accommodate future additions as the campus population grows and the demand for classrooms increases. I also aimed to establish a strong connection between my structures and nature. In the classrooms, I incorporated design elements that evoke the illusion of hanging floors, reminiscent of tree branches supported by a trunk. Similarly, my bird tower mirrors the form of a tree, with three main columns representing the trunk and beams under the platforms resembling branches that hold up the structure. This design not only mimics the natural form of a tree but also offers an experience akin to climbing one. Both the classrooms and bird tower are radially aligned with the existing structures at Kean Skylands. The classrooms are strategically situated on the hillside, offering stunning views of the forest as the terrain begins to slope downward. Meanwhile, the bird tower is positioned near the edge of Stony Brook Lake, an ideal location for attracting birds, as the presence of water serves as a vital resource for them.



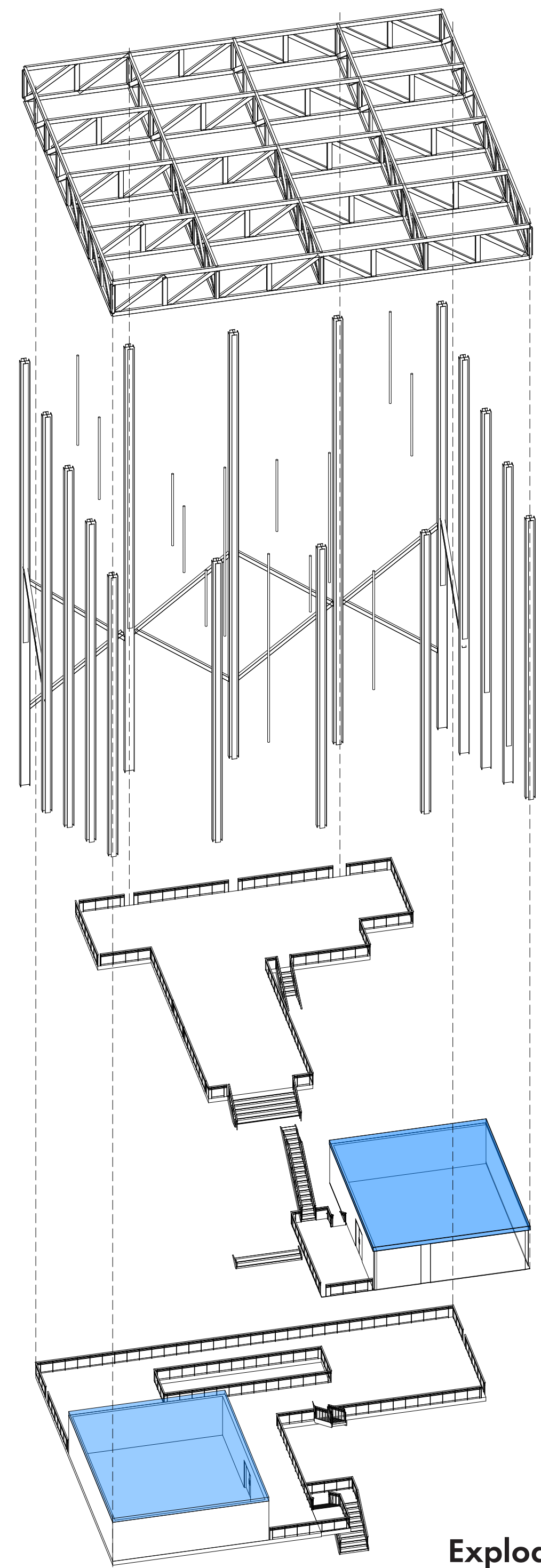




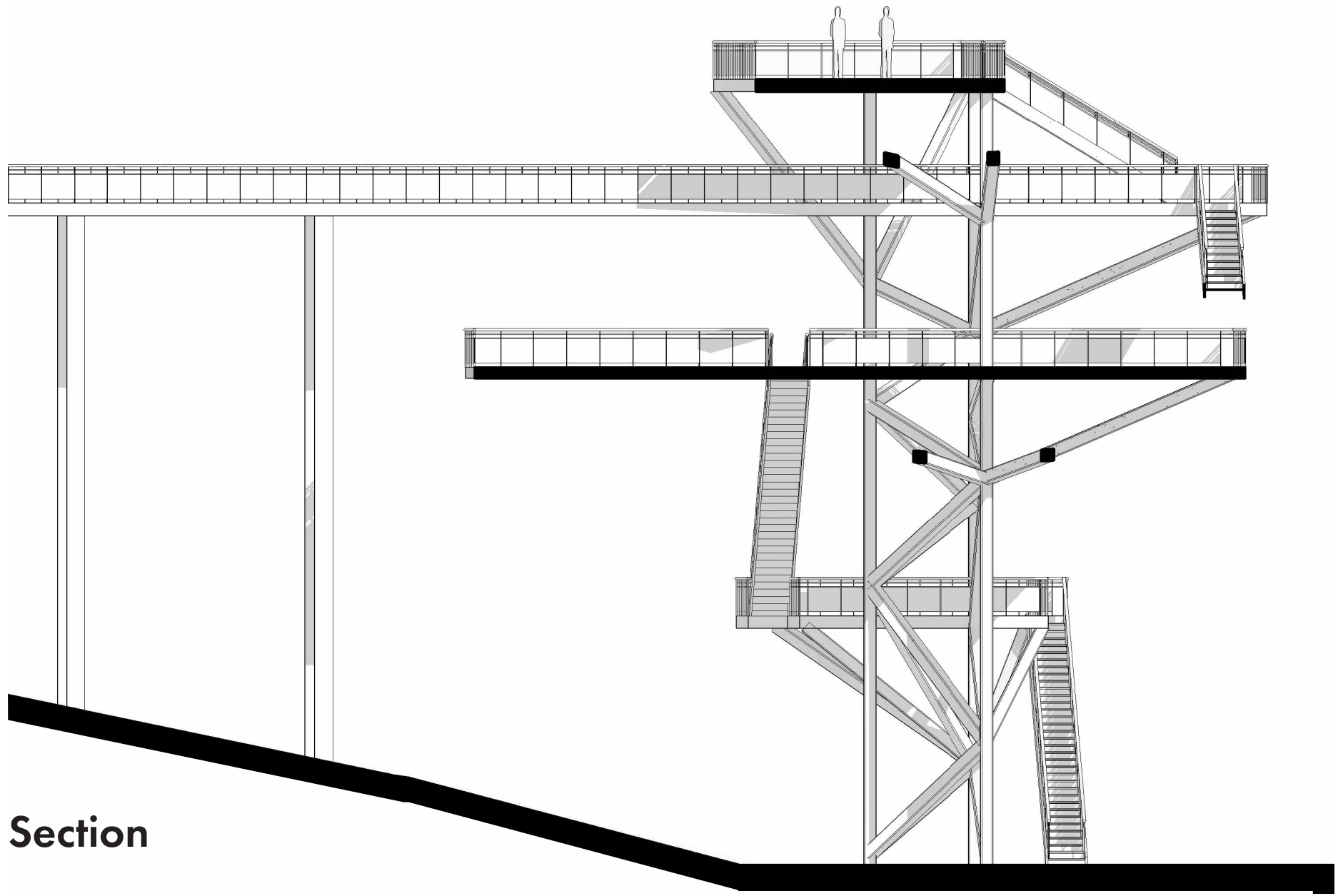
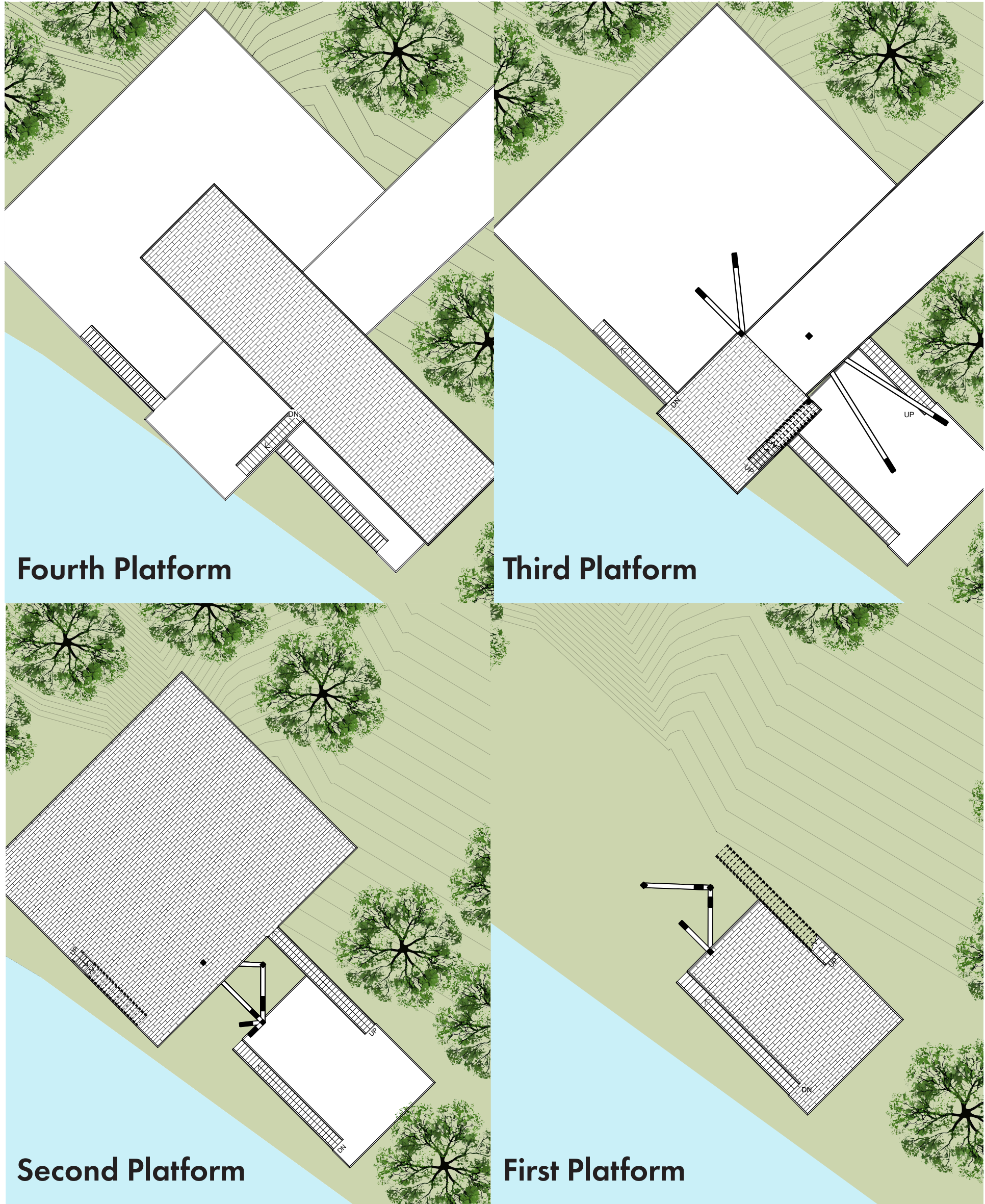
Section



Elevation



Exploded Axonometric



Elevation

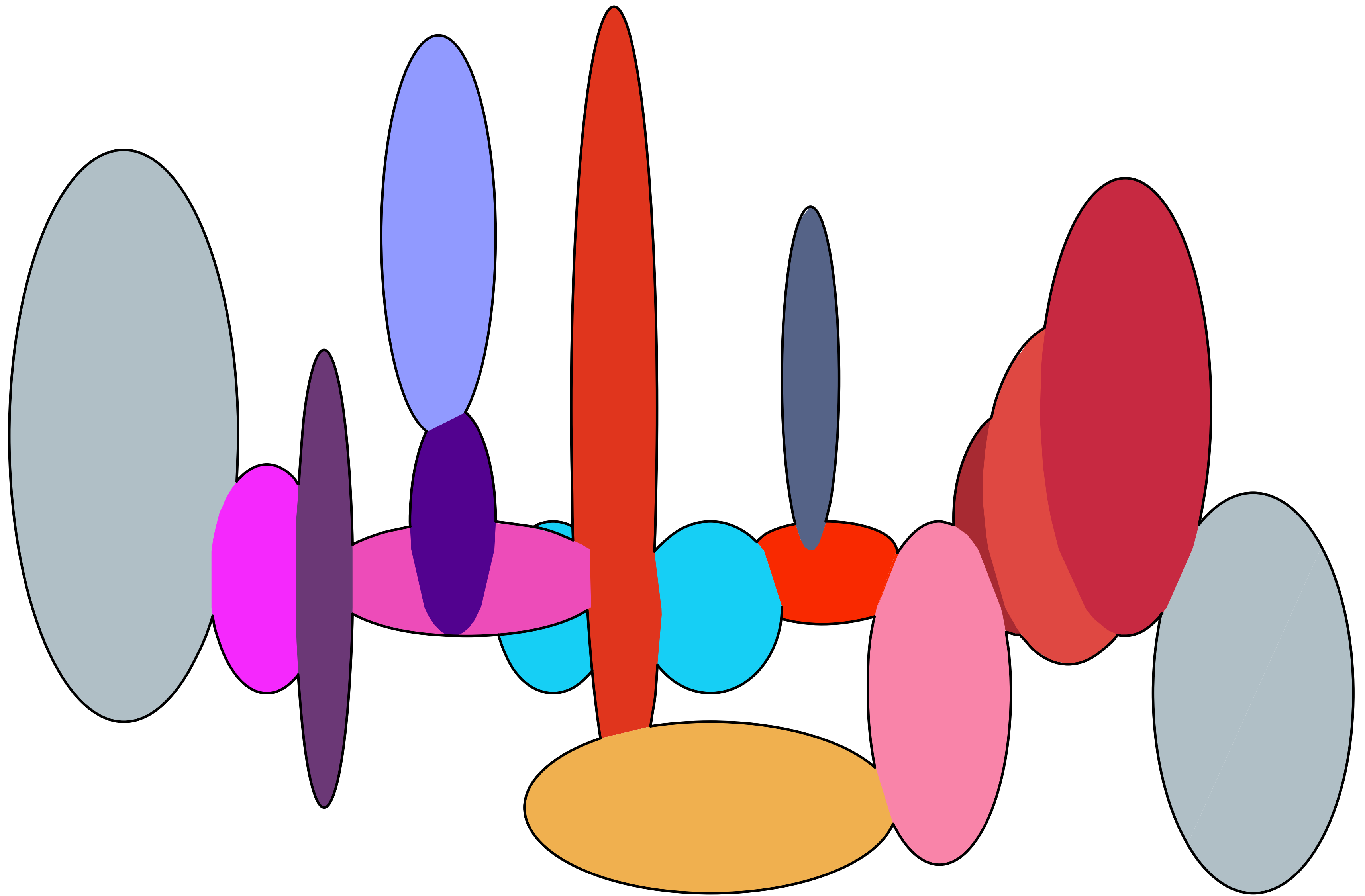


Visual Art Study

Artists: Eva Hesse & Olafur Eliasson

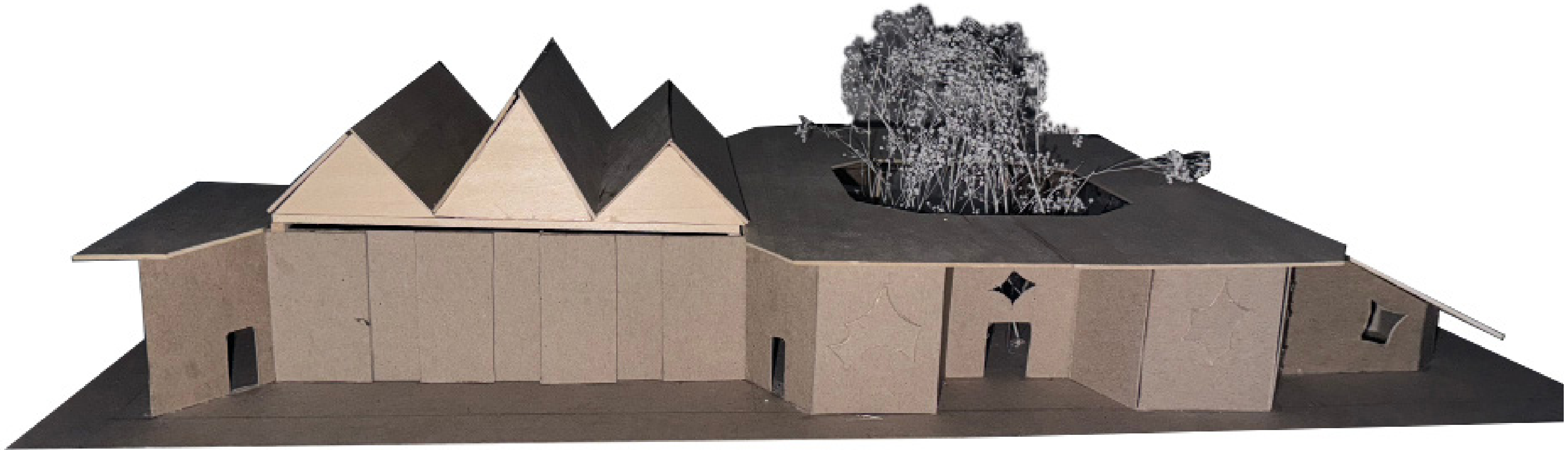
Date: 9/27/24

Instructor: Mathanki Kalapathy

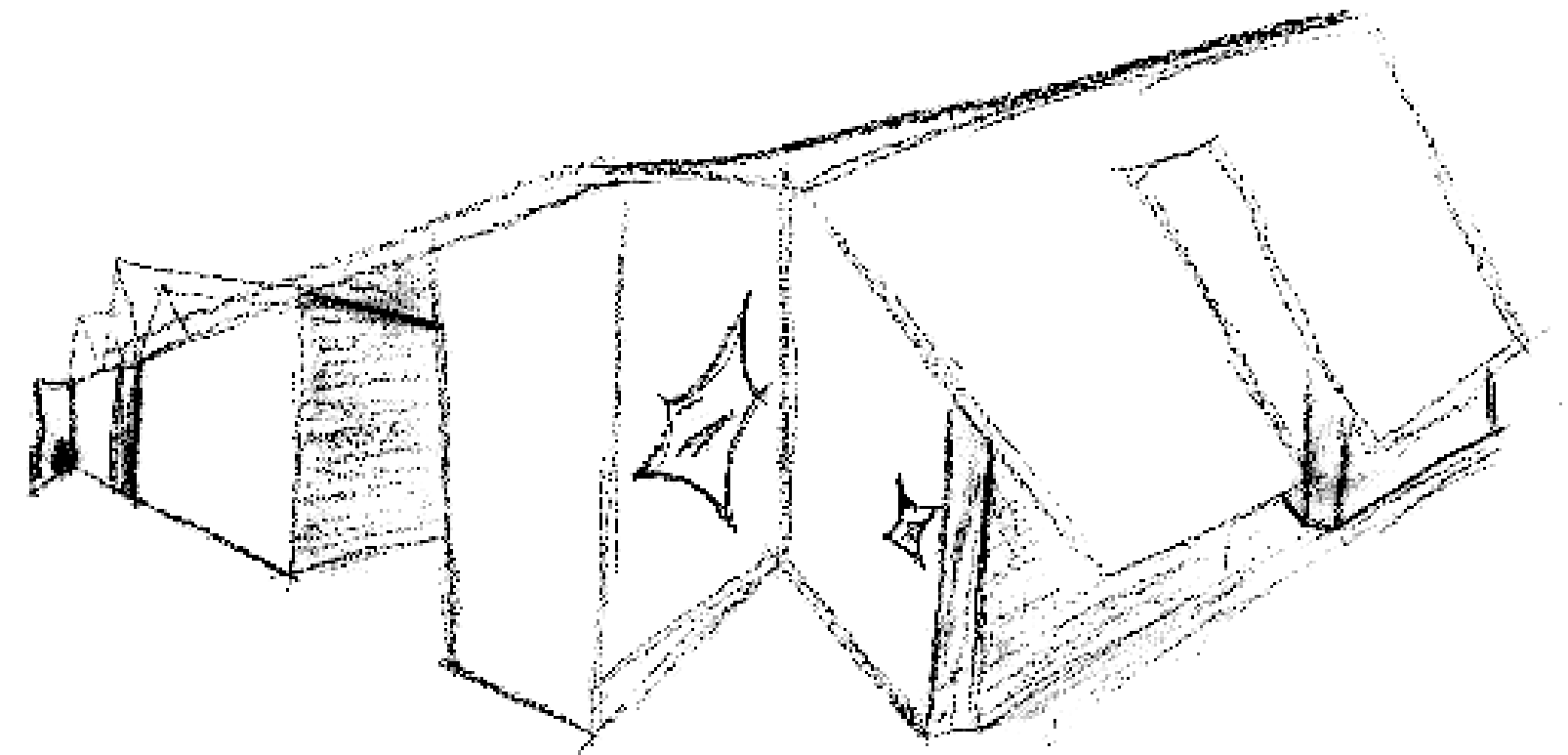


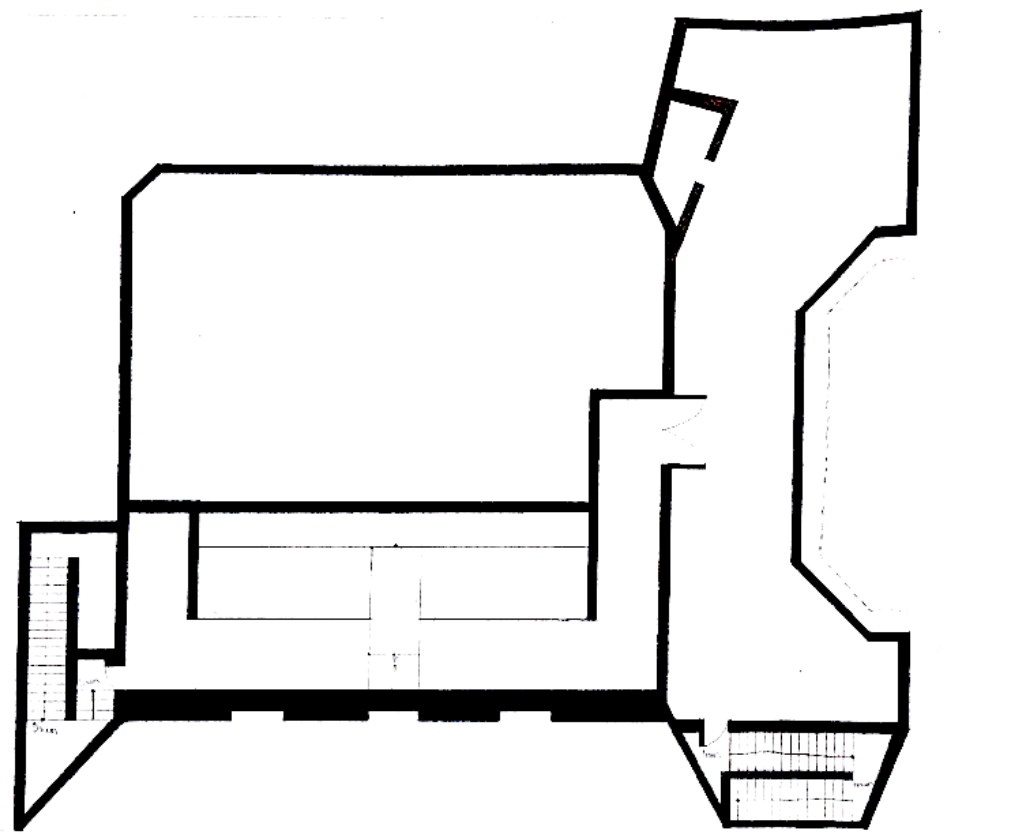
Trenton Intercultural Community Center

Location: Trenton Bath House
Date: 3/24 - 5/24
Instructor: Christina Ostermier

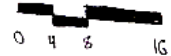


My courtyard acts as the core of my circulation similar to the open space in the middle of the 4 roofs of the bathhouse. I have 4 different wings surrounding my courtyard: the entrance wing, lecture hall wing, classroom wing, and lounge wing. This allows people to always feel connected with nature while also being in a multicultural environment. As for my geometrical shapes, I began by using squares as they are the most functional shapes but I chamfered my corners to add a level of detail as well as to bring attention to certain points such as the classrooms and the lecture hall. Furthermore, I experimented with organic shapes in my windows, which were inspired by some of my personal abstract drawings.

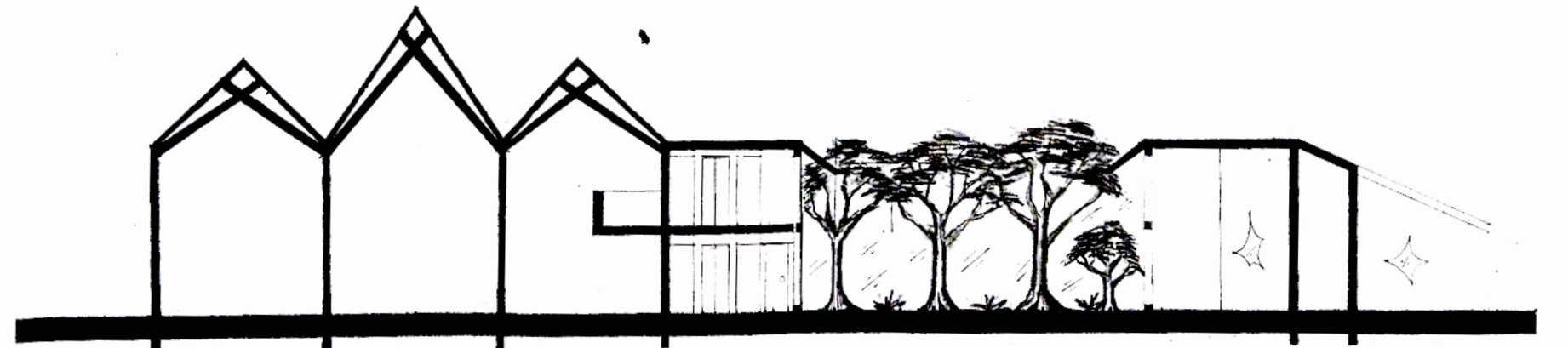
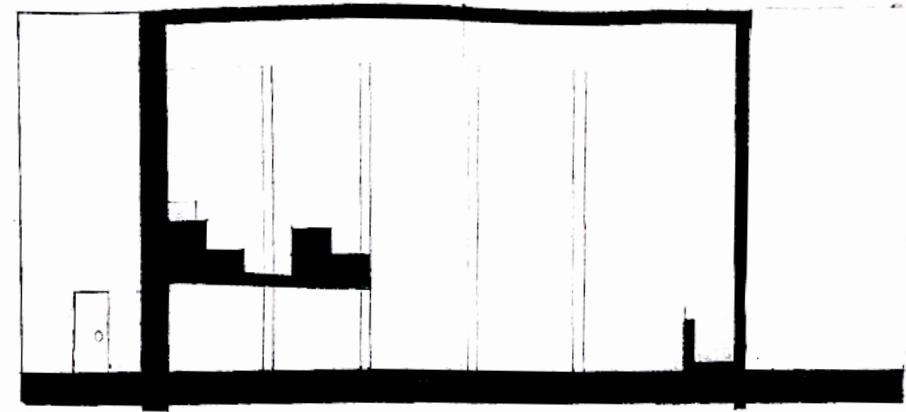




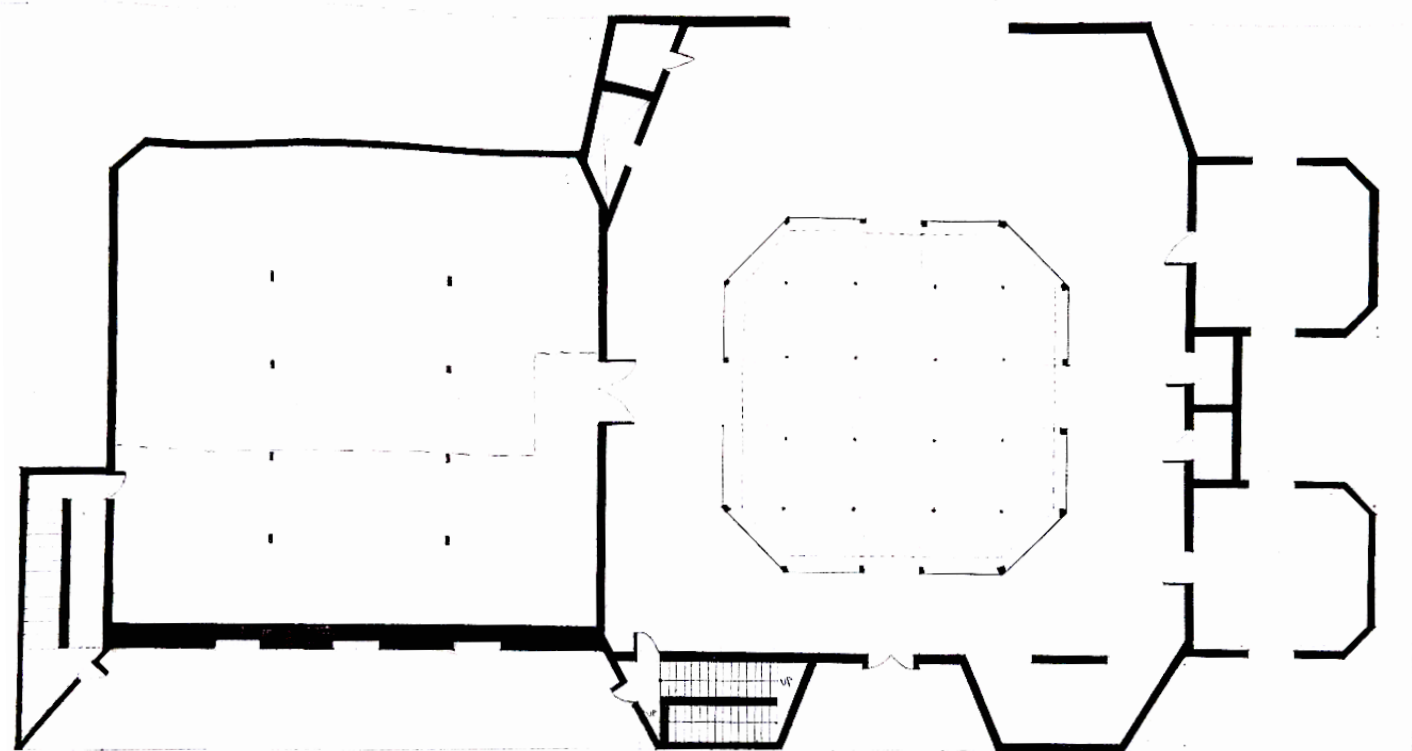
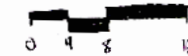
SECOND FLOOR PLAN



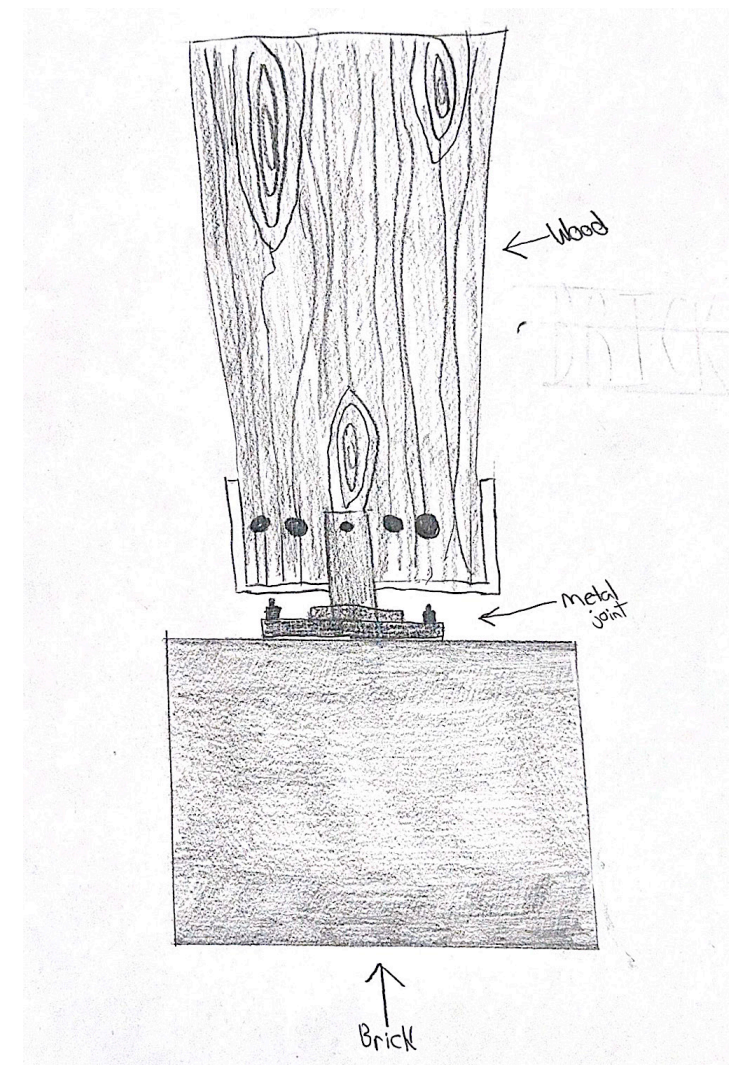
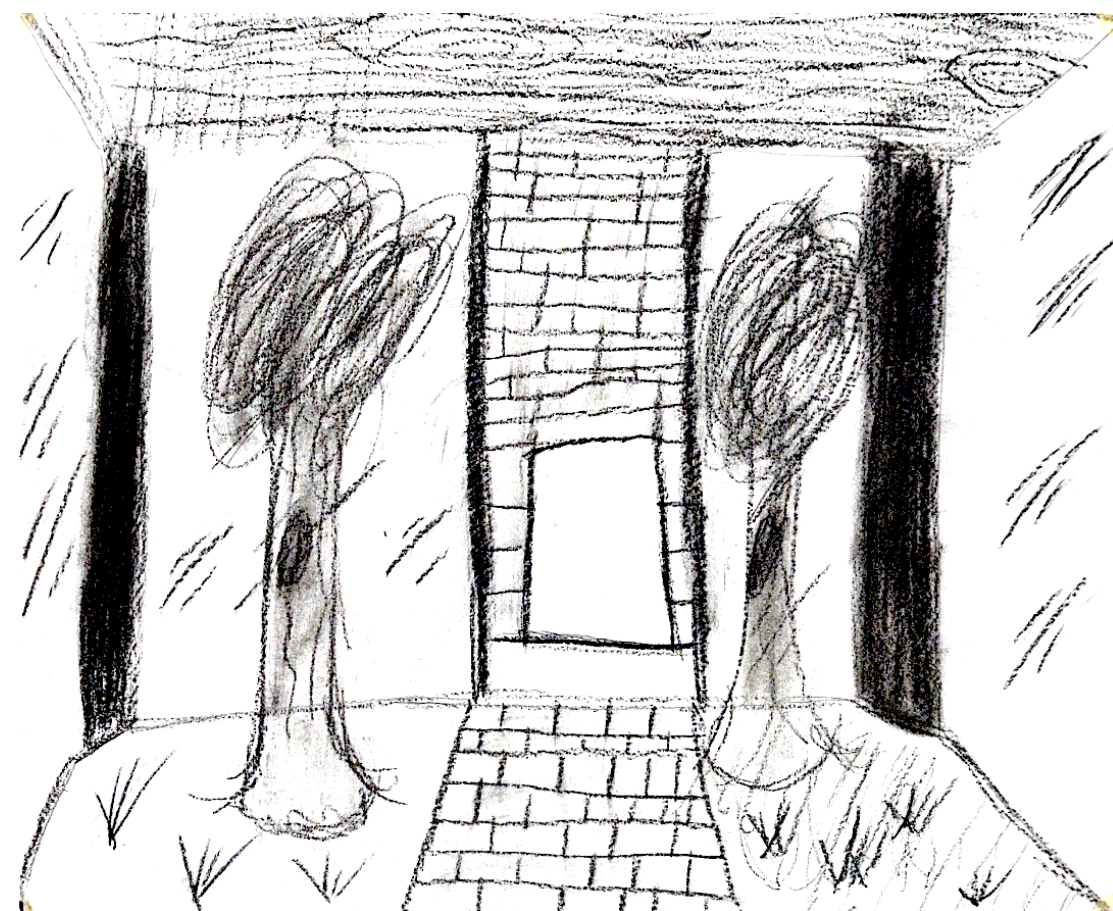
TRANSVERSE SECTION



LONGITUDINAL SECTION

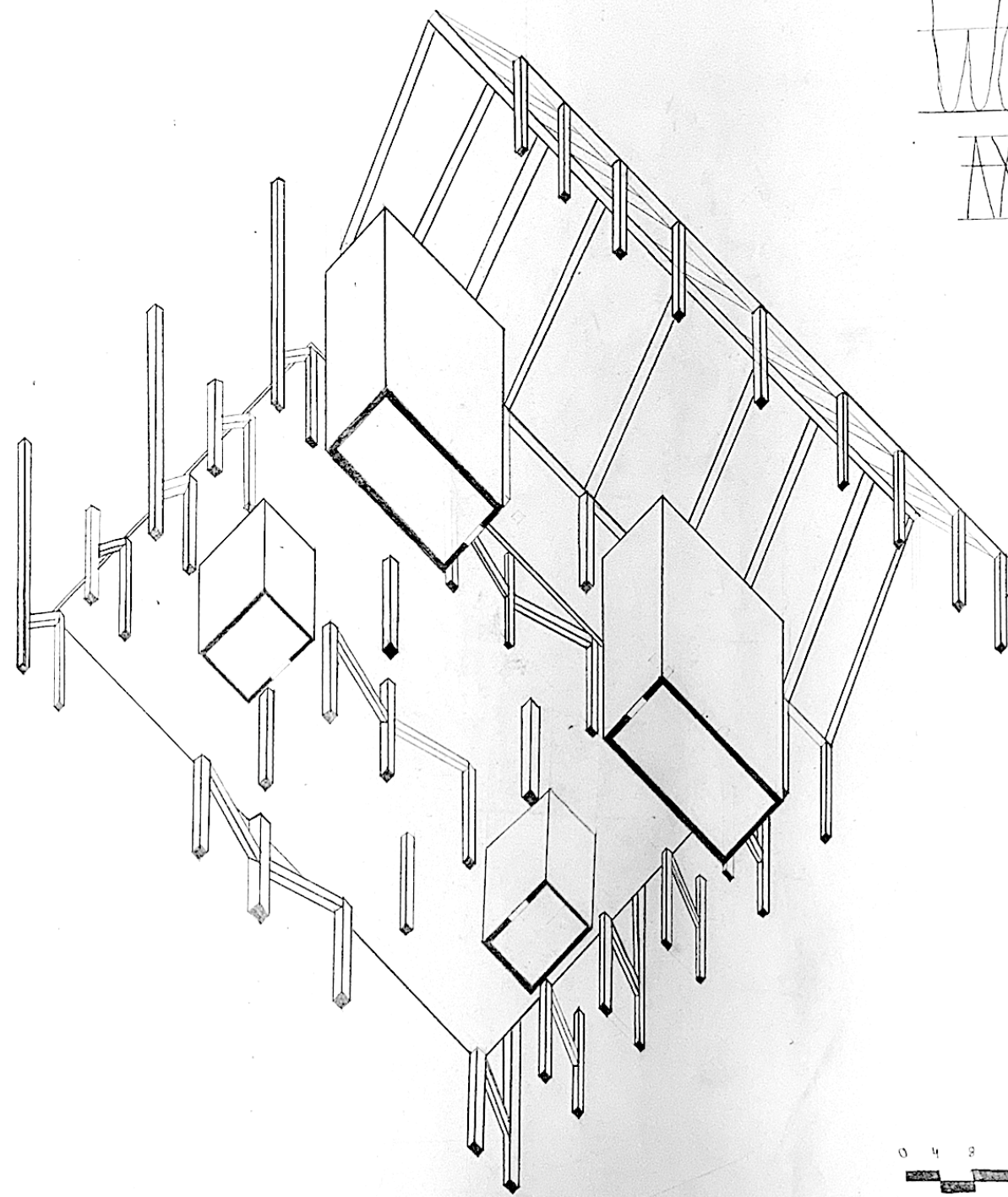


FIRST FLOOR PLAN

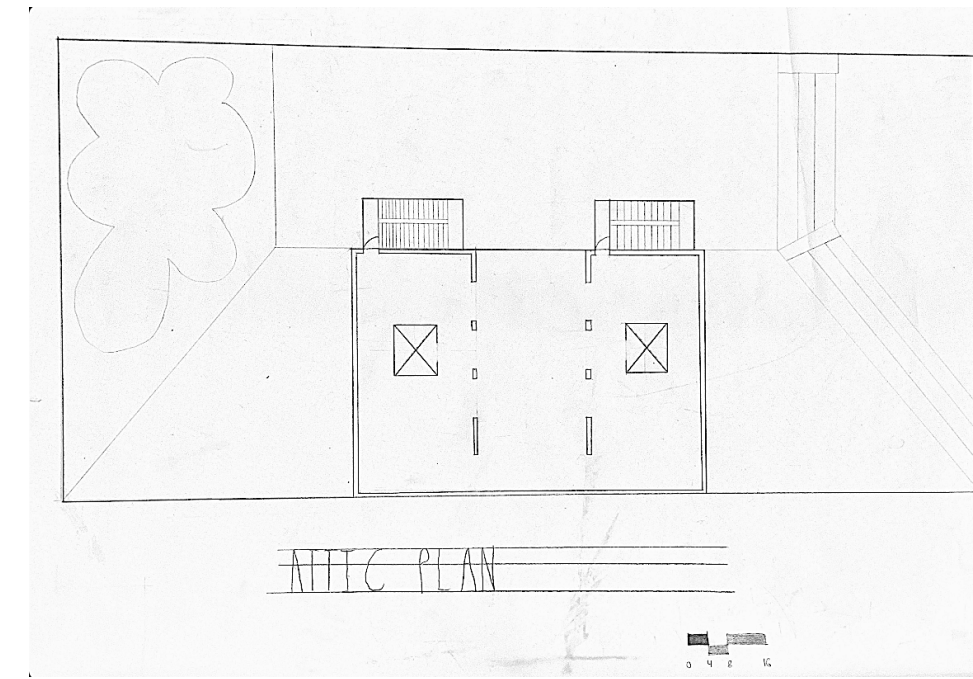


Brickscape/Roofscape

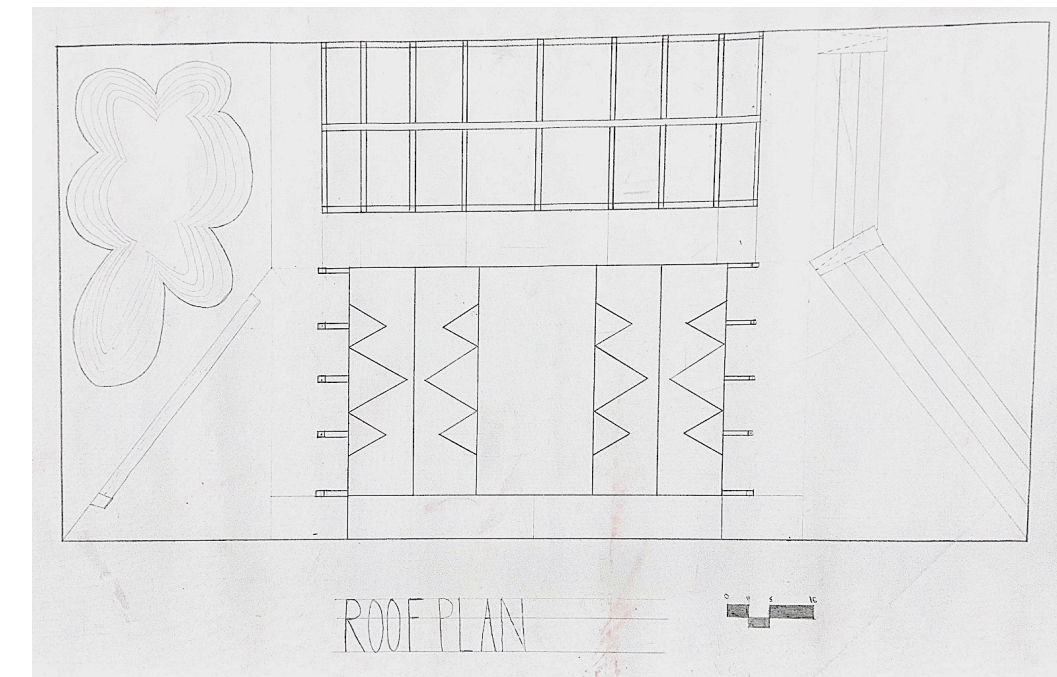
Location: Trenton Bath House
Date: 1/24 - 3/24
Instructor: Christina Ostermier



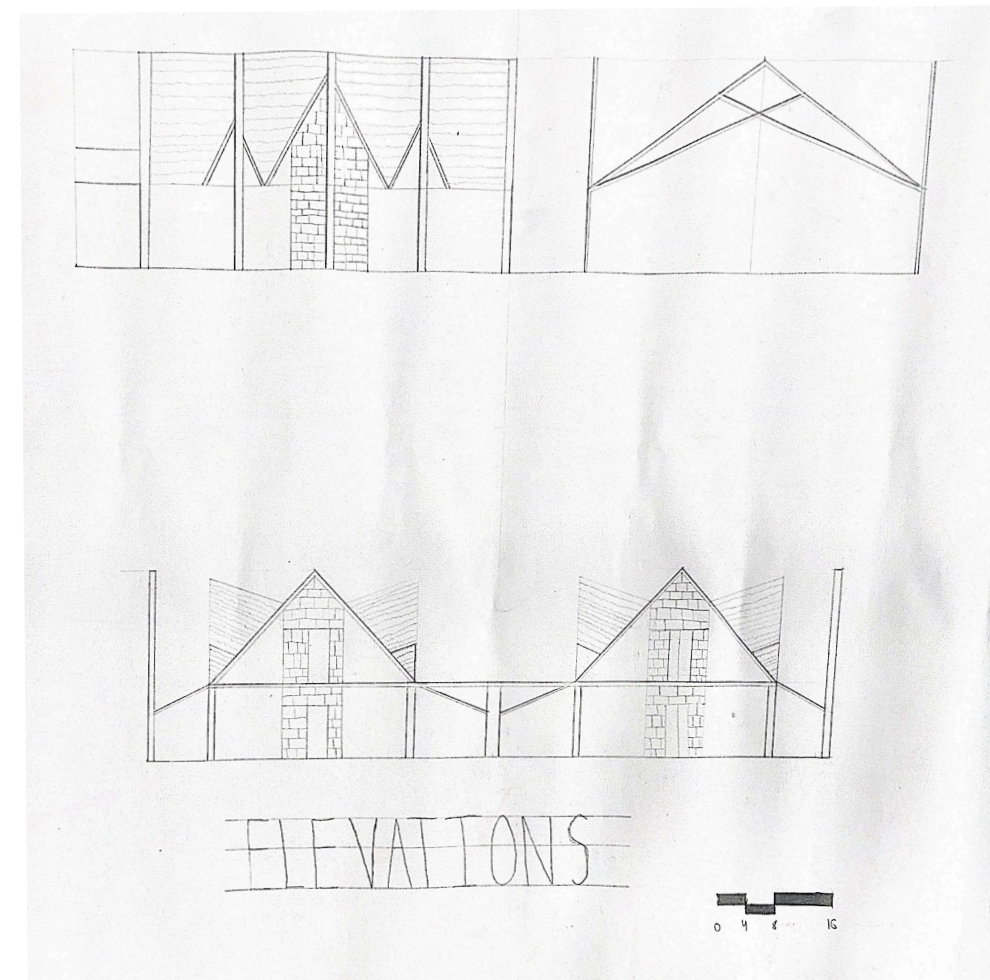
WORMSEY
AXONOMETRIC



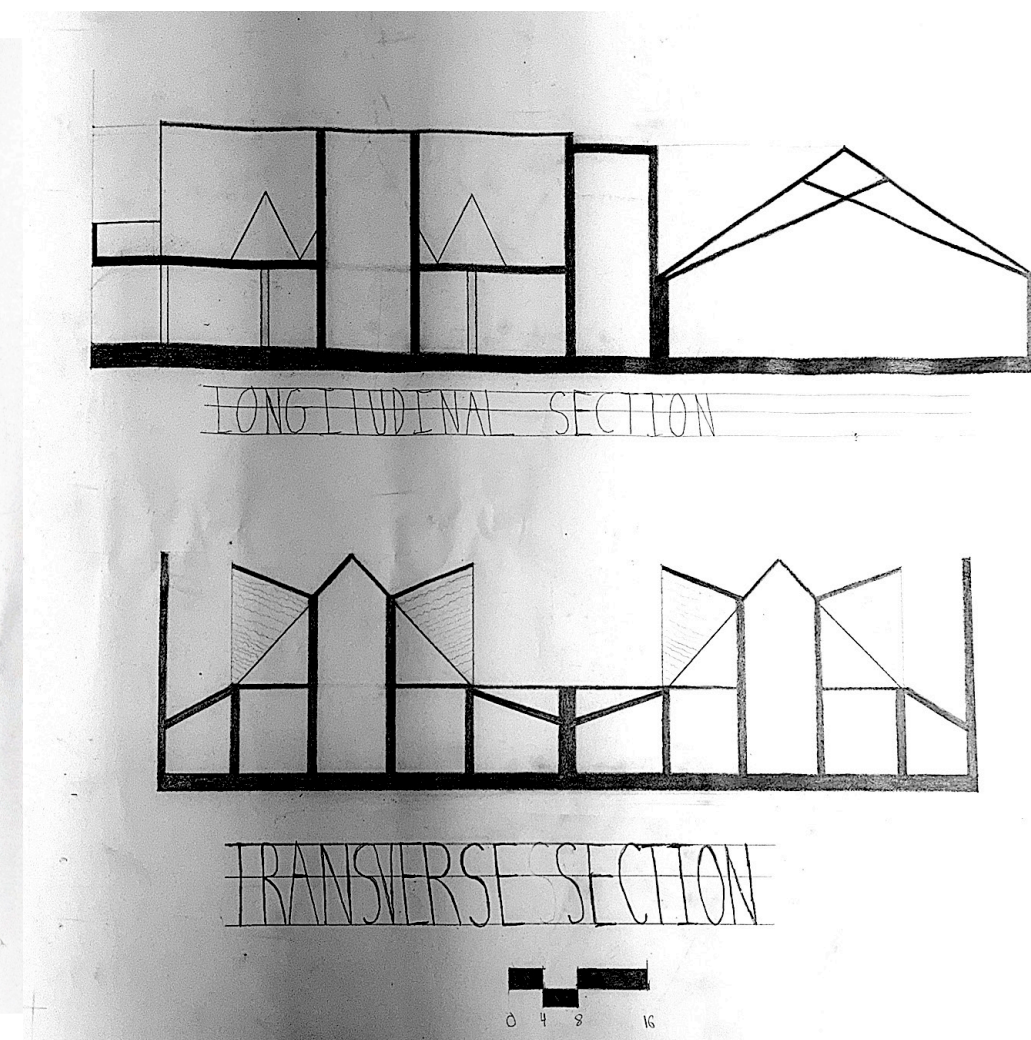
ATTIC PLAN



ROOF PLAN



ELEVATIONS



LONGITUDINAL SECTION

TRANSVERSE SECTION