



Robert Y. Hunter
Architecture Portfolio

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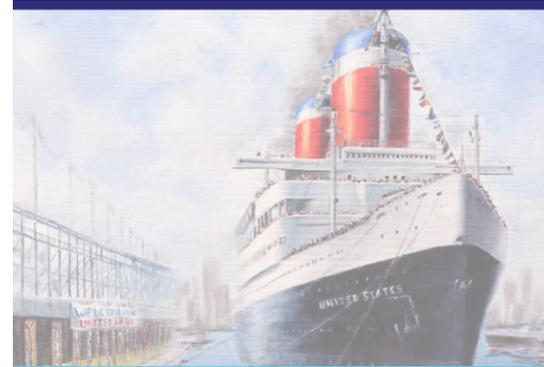
Flowing Forms



Planes of Distance



Perception Modulator



Paintings/Artwork

Personal Work for AIA High School Design Competition

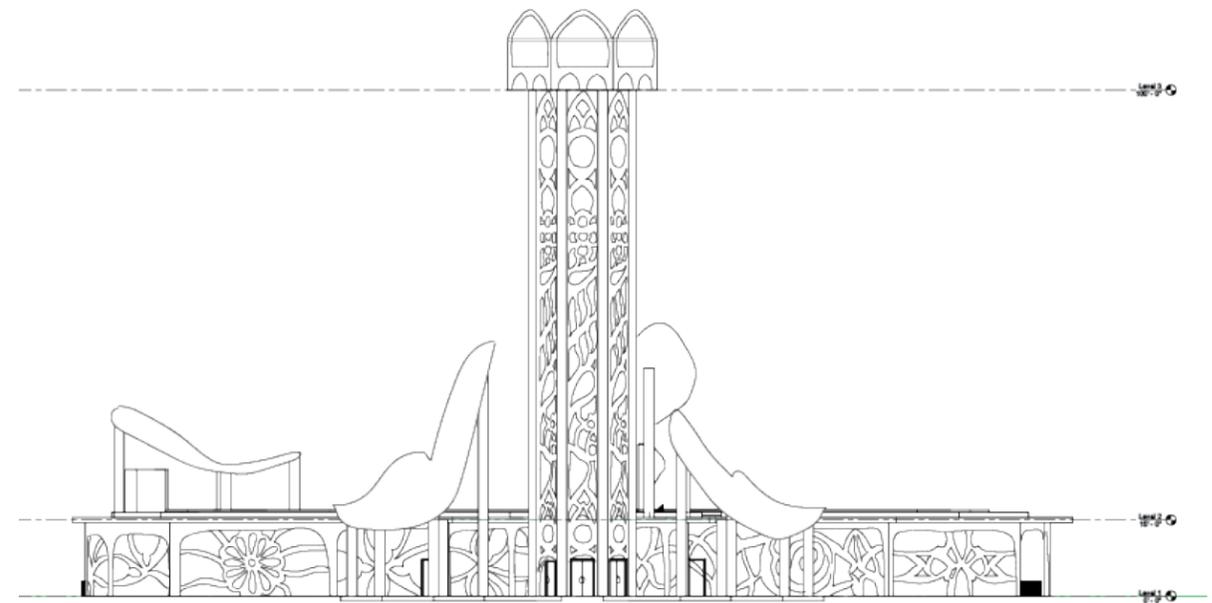
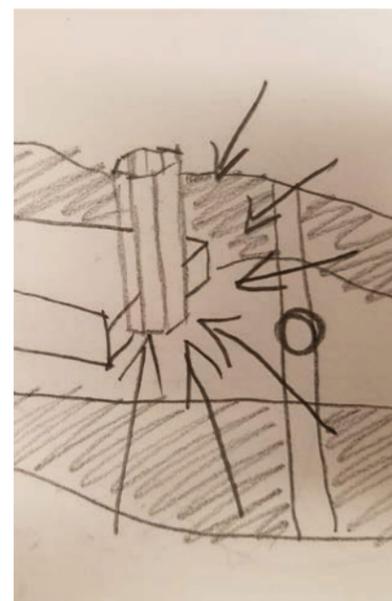
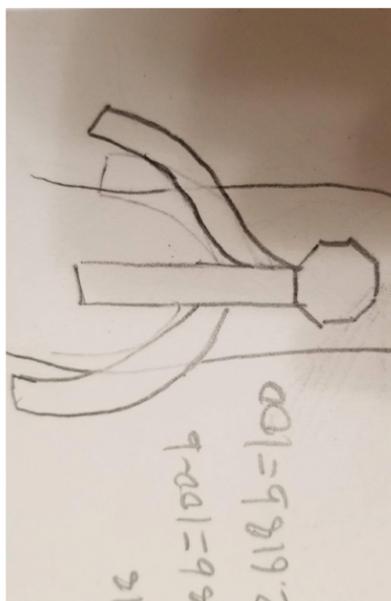
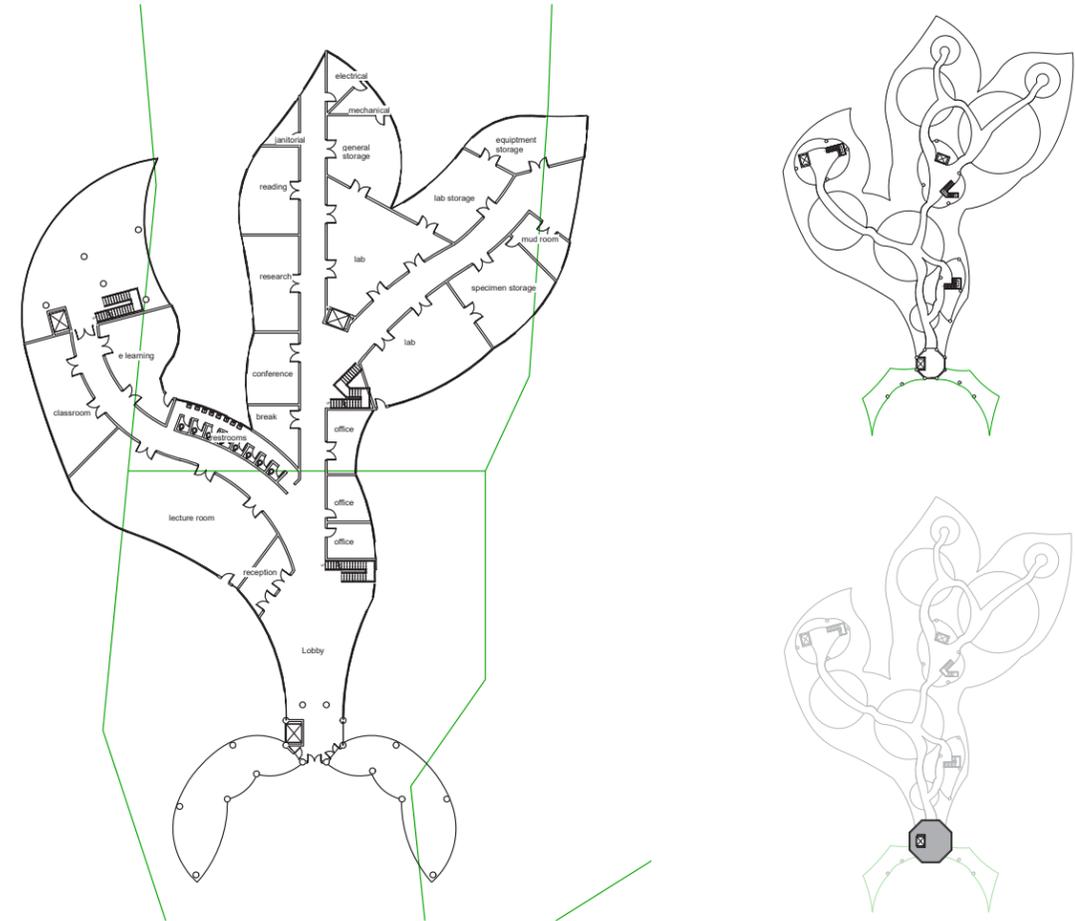
First Place

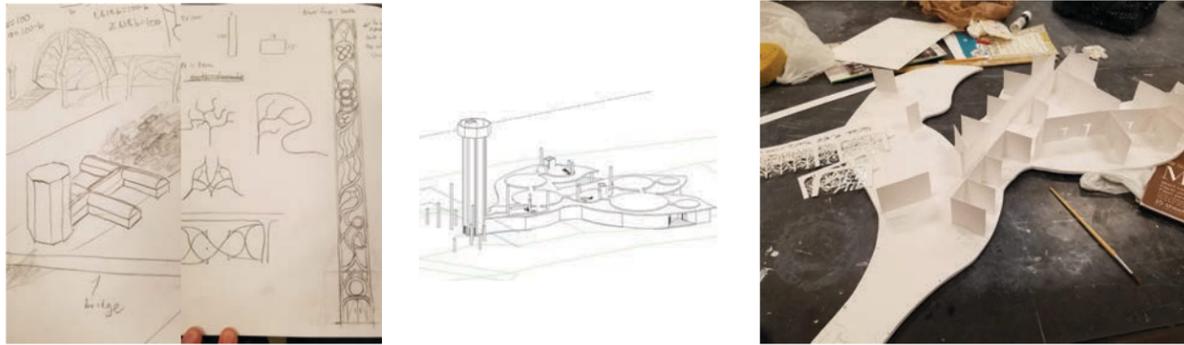
Entry for competition hosted by AIA Atlanta. The brief asked participants to design a nature and science center on an island in the middle of the Chattahoochee River.

Flowing Forms



In such an organic context, this building seeks to emulate and capture the essence of the surrounding natural world. The overall shape of the floor plan branches and curves out from the island like a sprouting tree.





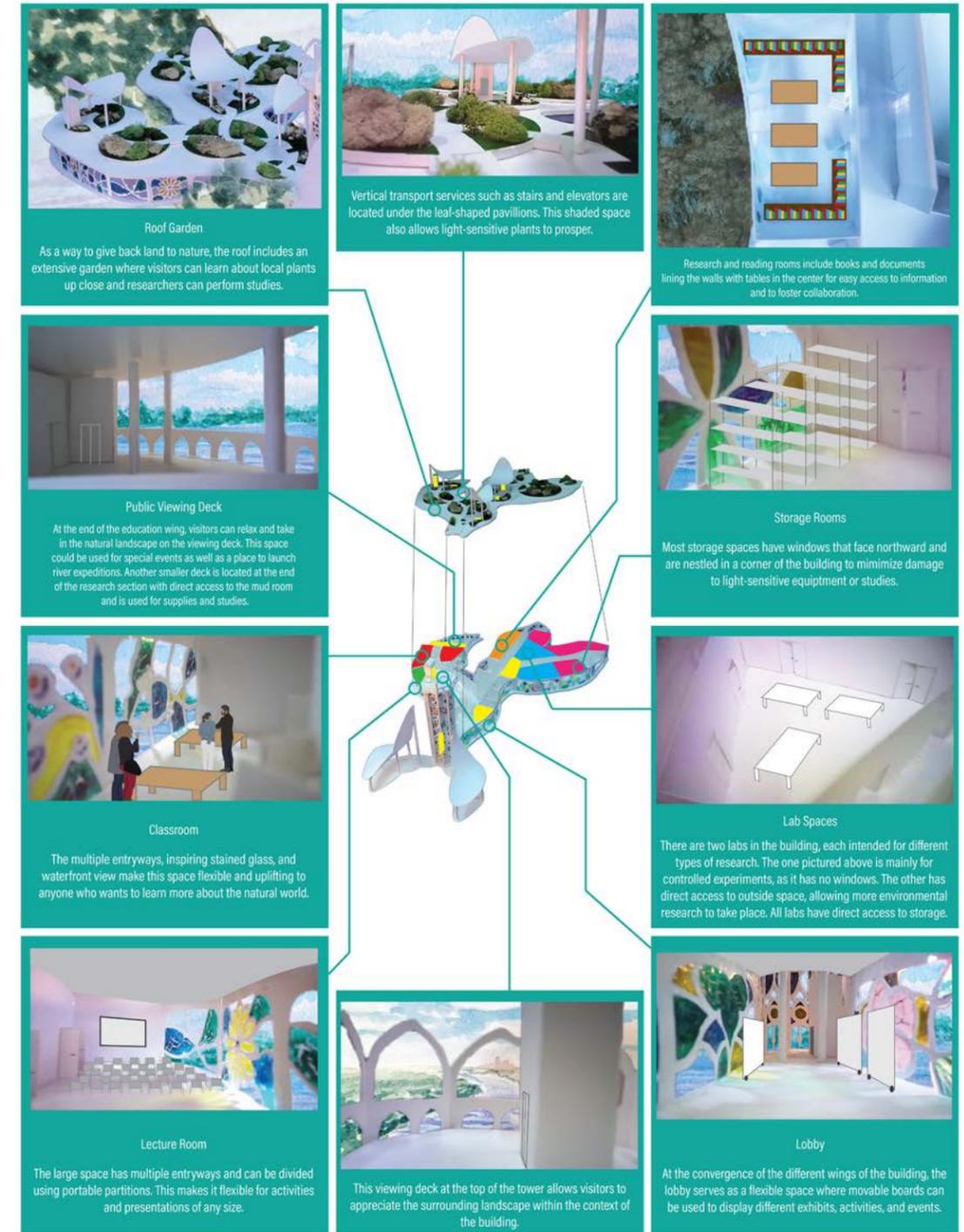
The design also emphasizes the notion of light. Windows cover the entire exterior not only to reduce reliance on energy and artificial light, but also to allow stained glass and tracery-like patterns to enrich the natural landscape. Each window design draws inspiration from local wildlife.



Opposite Page: This diagram was one of the four presentation boards submitted for judging in the competition. It explains the various programmatic functions of each space and the relationship between each of them.

Explore the Building

- | | | | | | |
|--------------------|---------------------------------------|----------------------|---------------------------------------|-----------------|--|
| Lab Spaces | ■ | Lecture Room | ■ | Learning Spaces | ■ |
| Vertical Transport | ■ | Research and Reading | ■ | Storage | ■ |



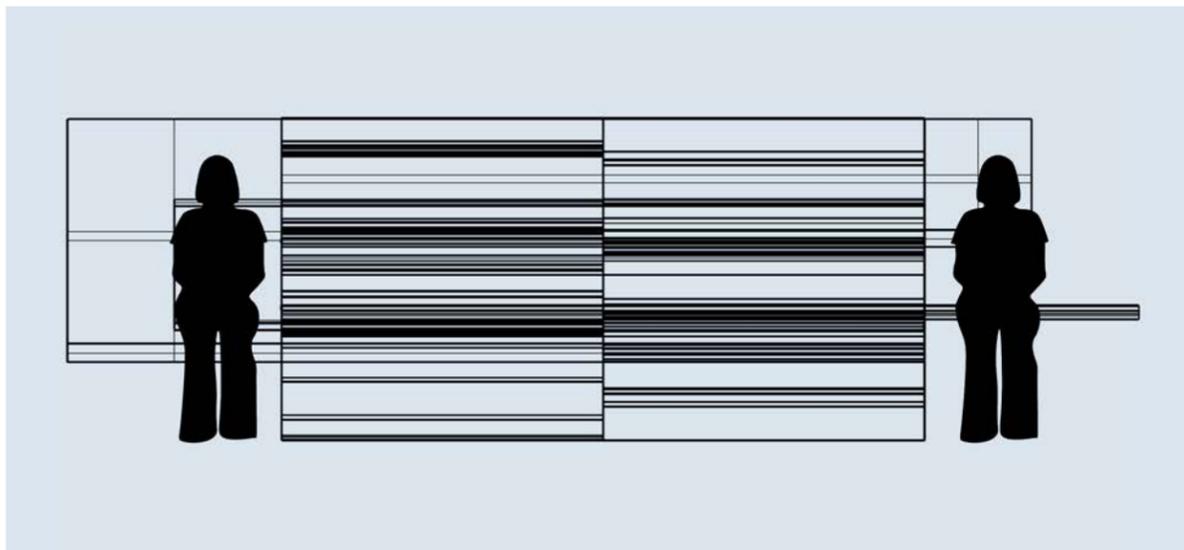


First Year, Spring 2020, Barnard Columbia Architecture

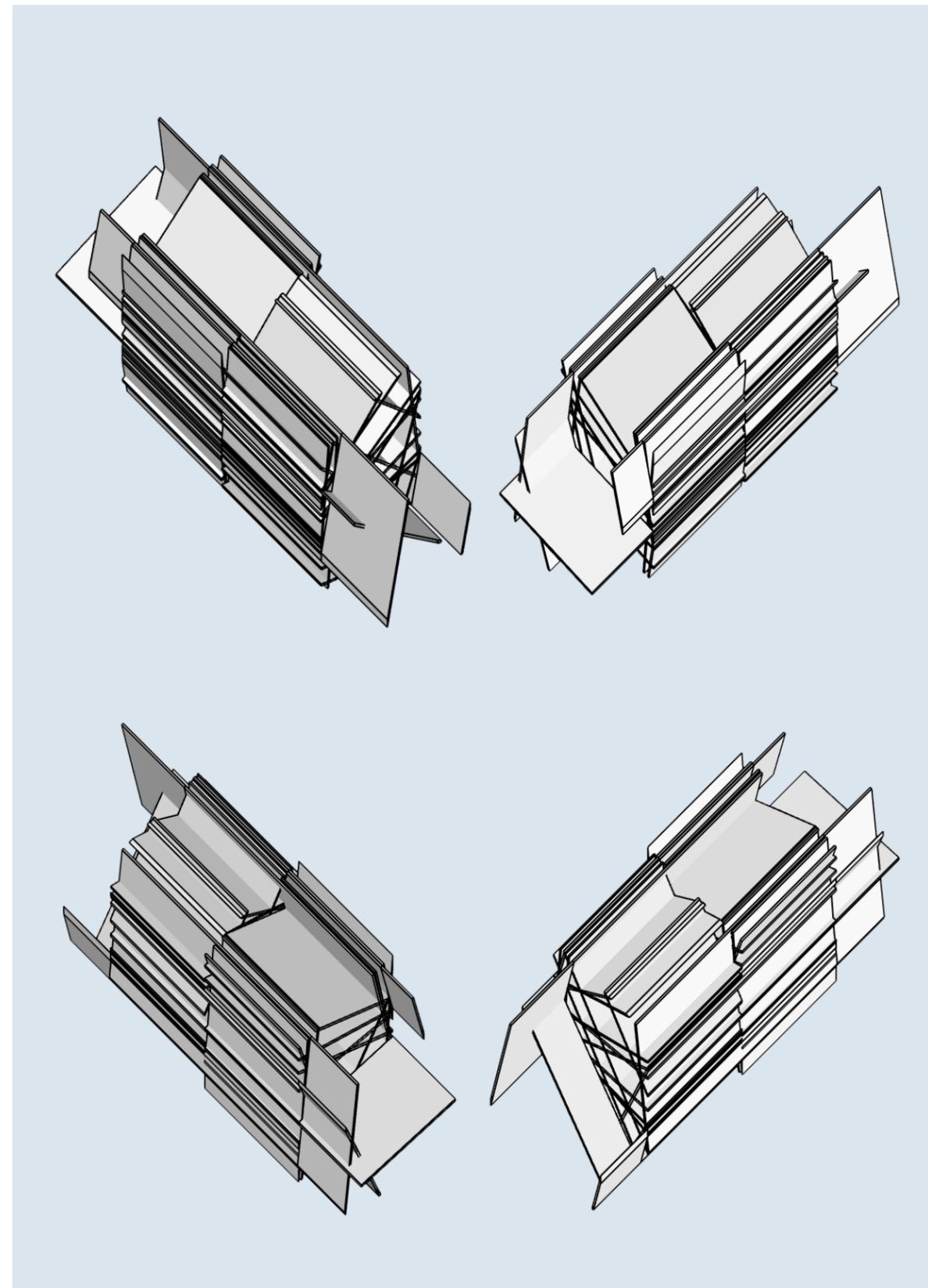
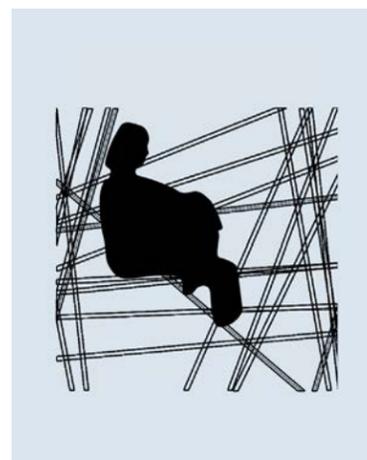
Critic: Richard Rouhe TA: Yoonwon Kang

Final project of introductory studio course, exploring different types of
furniture for social distancing.

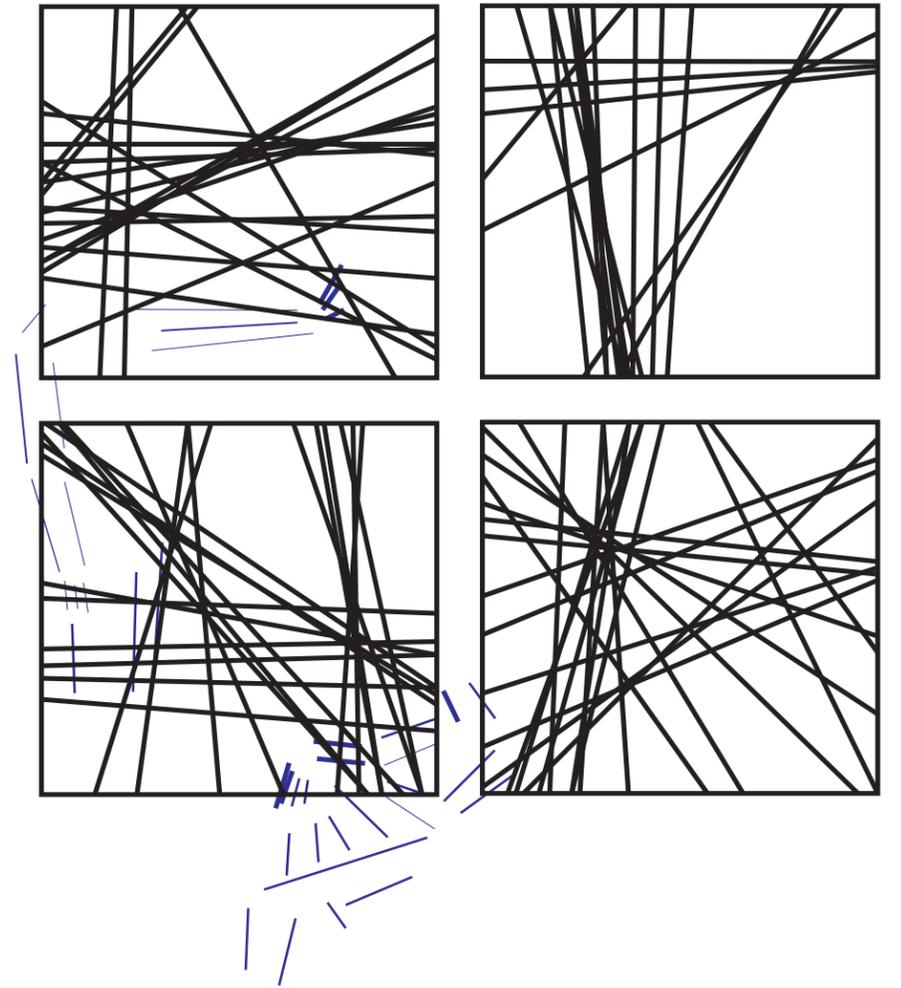
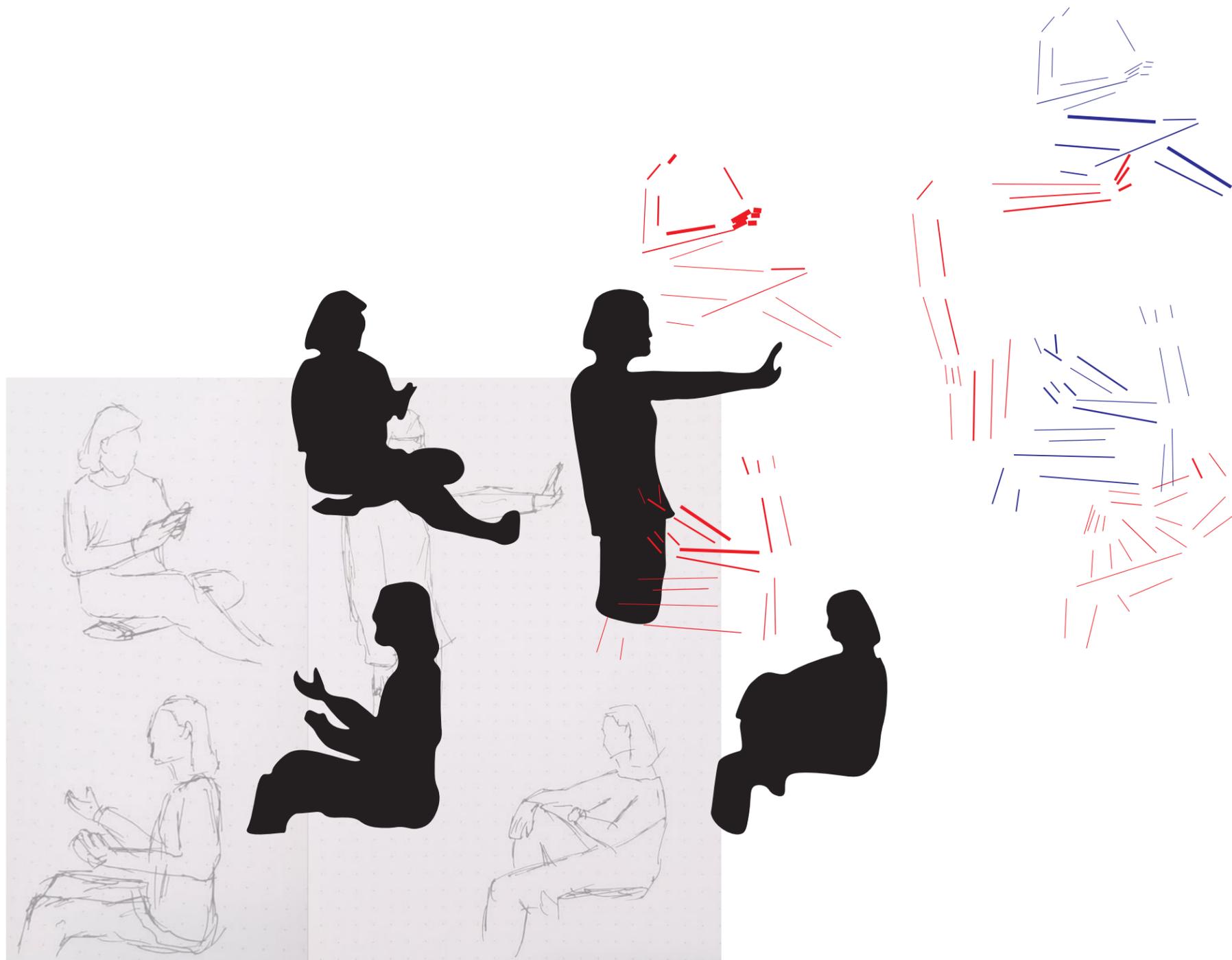
Planes of Distance



This design includes two opposing sides, each with an abstracted framework. Movable planes run through the structure, connecting the two sides, and they can be adjusted to any body position. Once a plane is shifted on one side, it automatically changes the configuration on the opposing side.



Concept Diagram



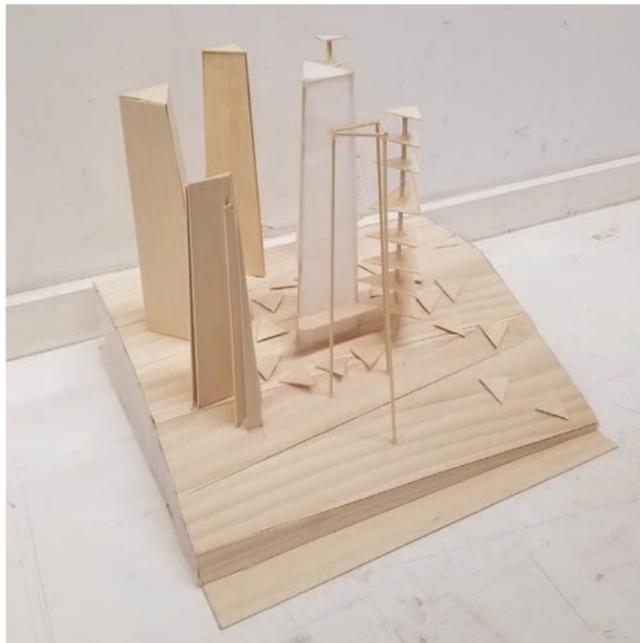
The project started by taking various body positions, mapping out the different lines of tension, and abstracting them into individual frameworks.

First Year, Fall 2019, Barnard Columbia Architecture

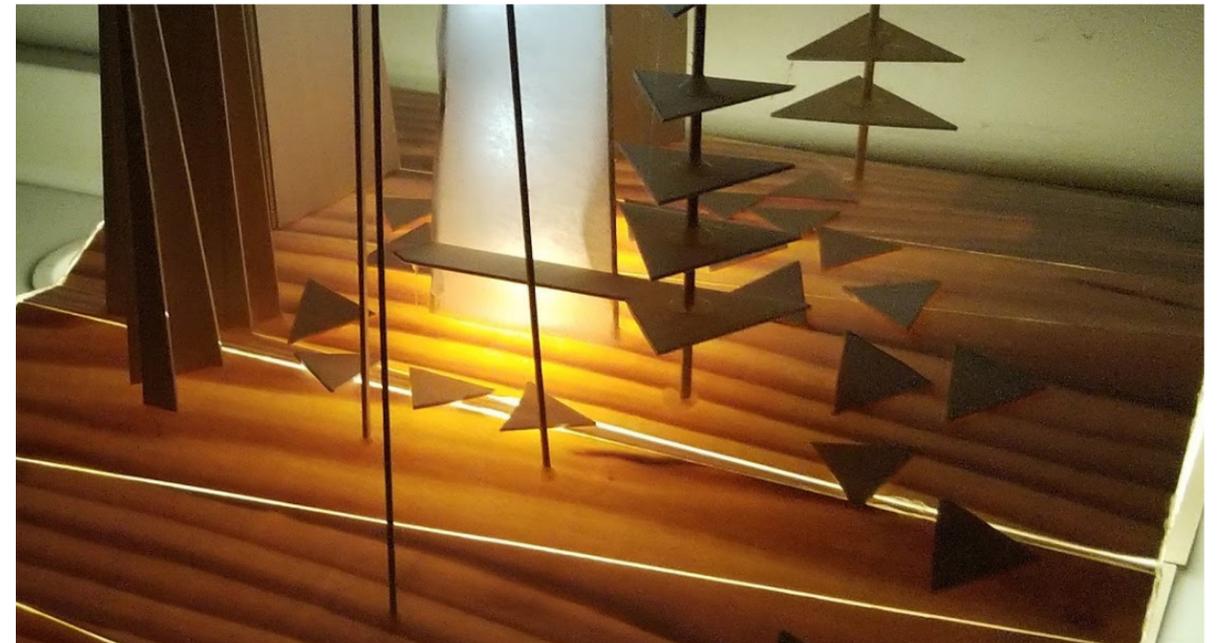
Critic: Miku Dixit TA: Camille Esquivel

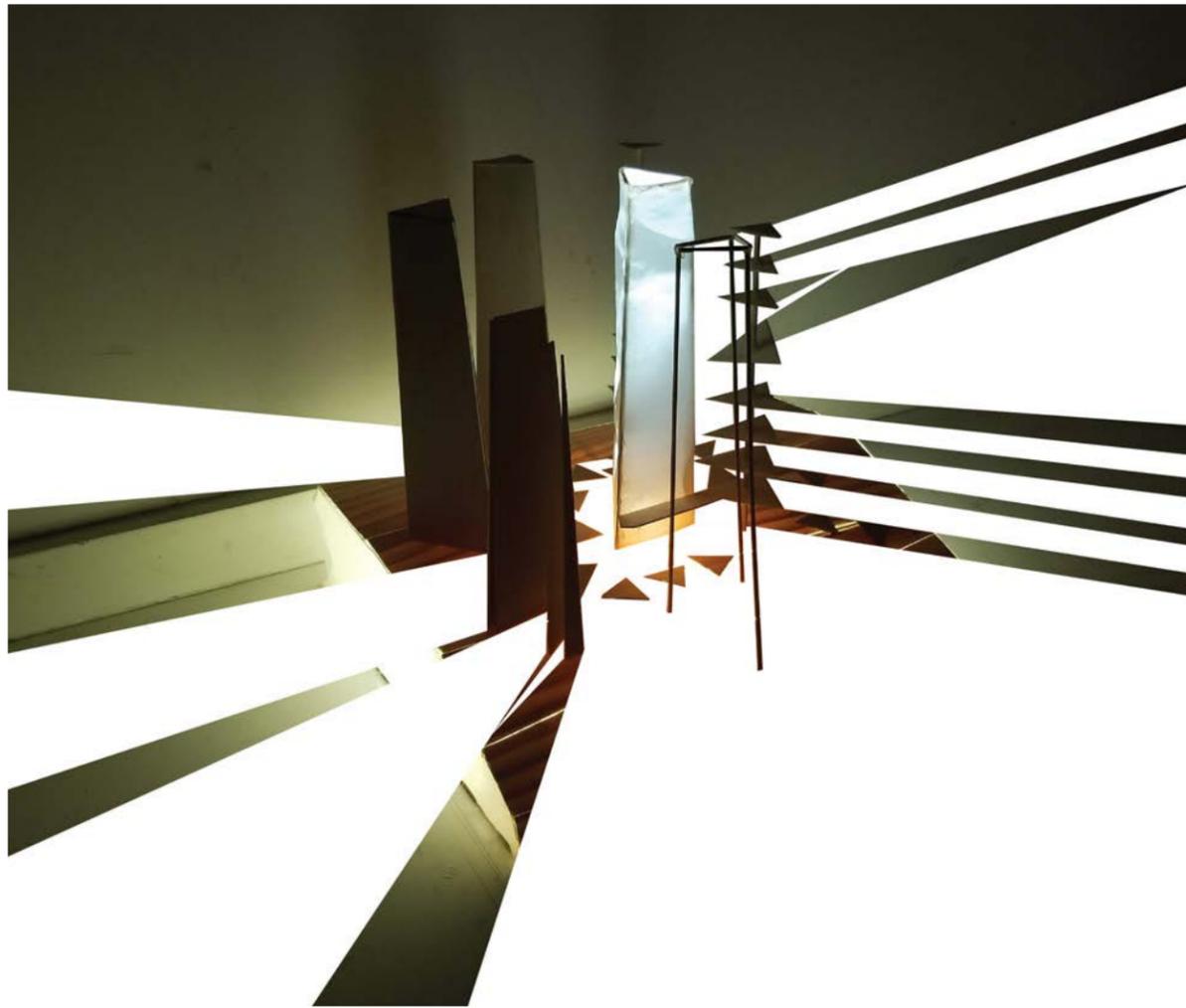
Project in introductory studio course, exploring different ways to modify someone's perception of a certain space.

Perception Modulator

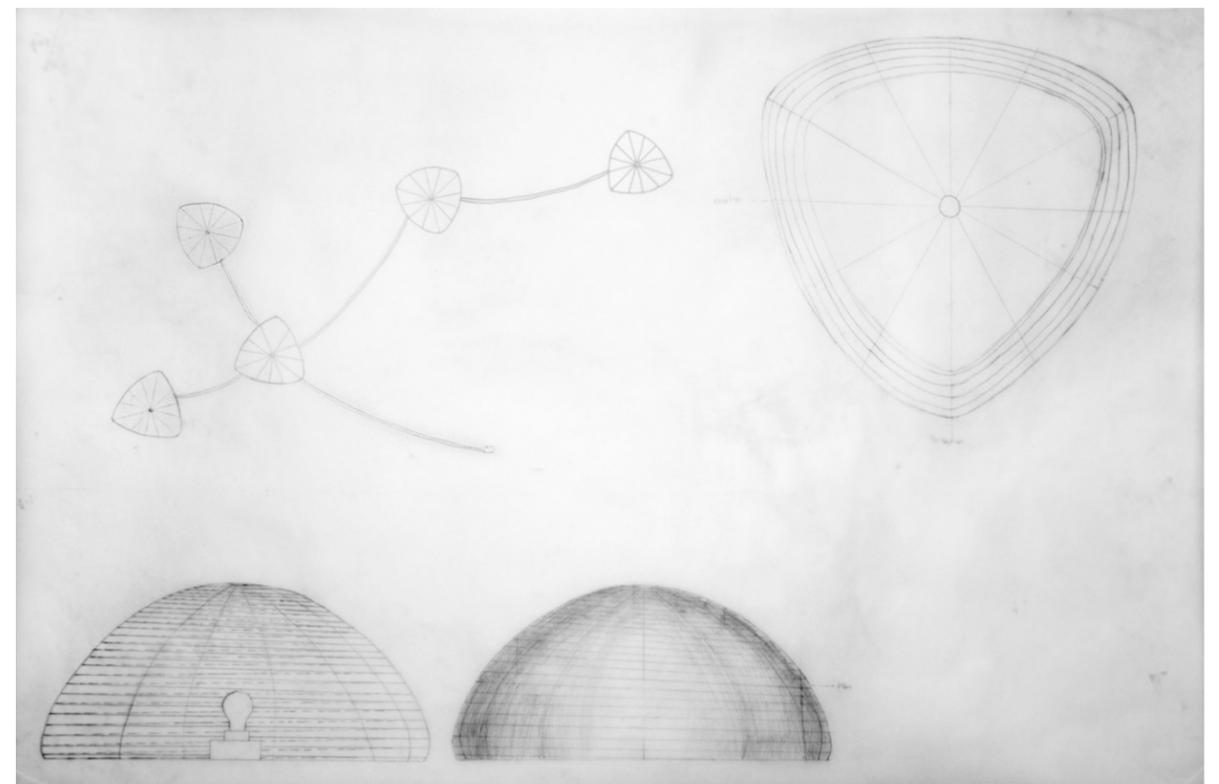
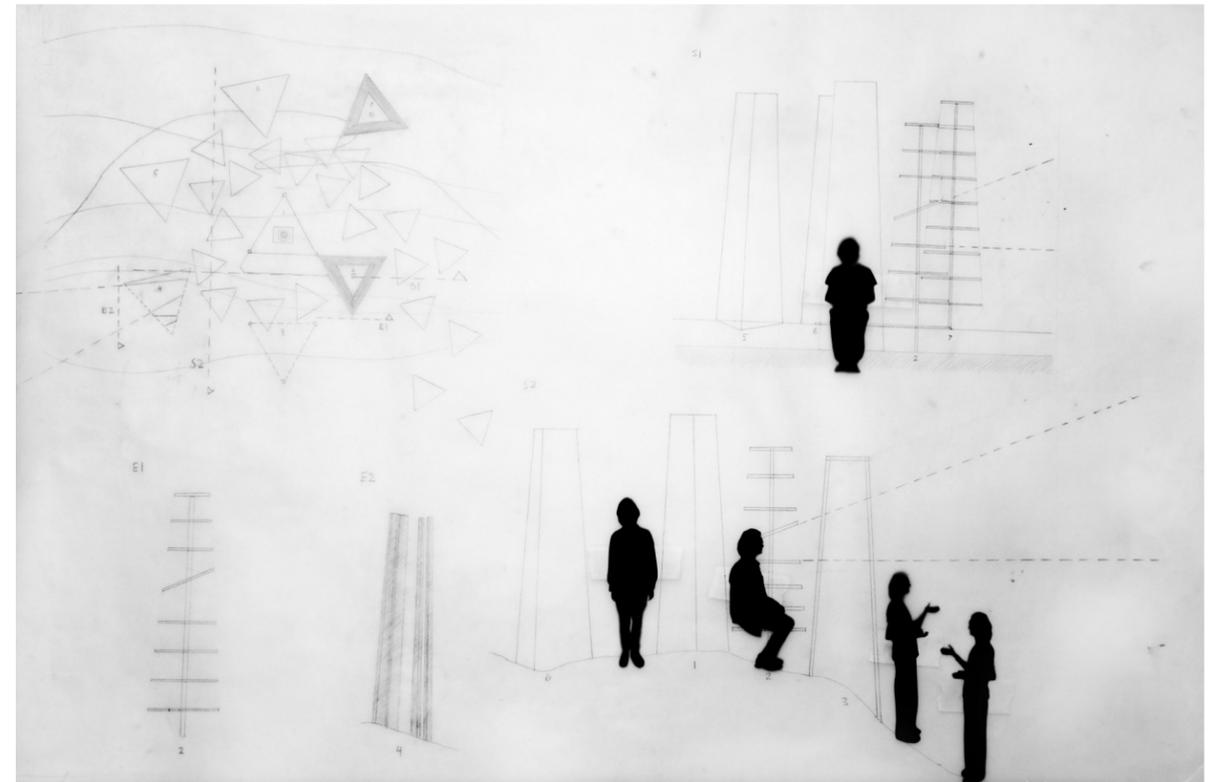


As an exploration into the ways in which design can alter perception, this project synthesized a truncated pyramid form with a paper lantern from the Noguchi Museum to create a modulator. Its purpose is to combine and enhance three observed activities in Riverside Park: sitting, climbing, and admiring the view. The design acts as an intervention in the park, helping people enjoy the space to its fullest potential.





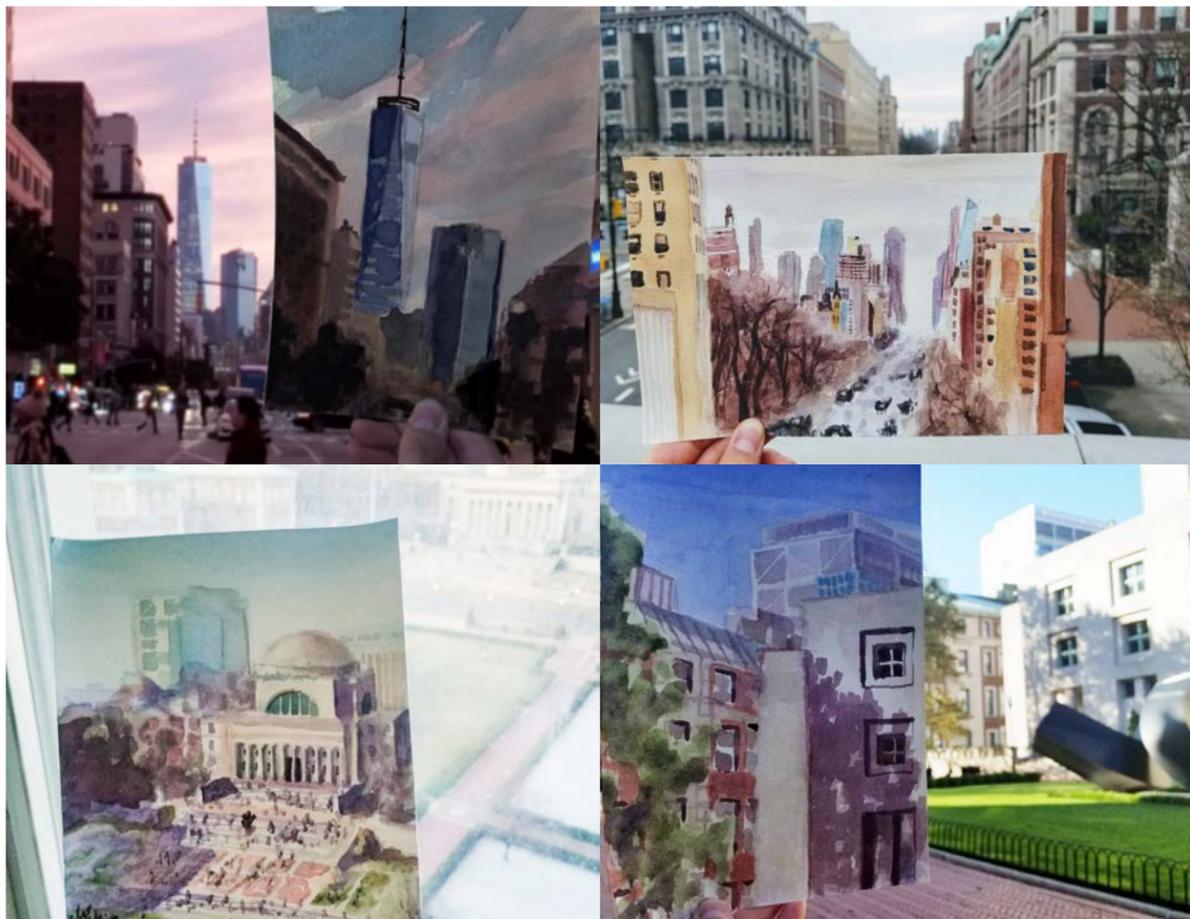
The central element in the modulator is a lantern shaped like a solid truncated pyramid. When it emits light at night, it highlights the different views an individual would observe by sitting inside the modulator, extending its impact across the park.



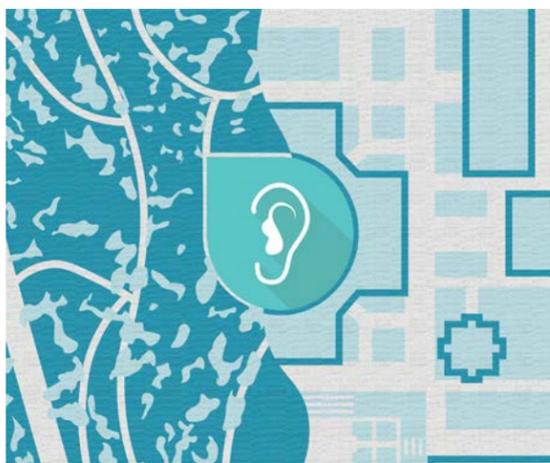
Personal Work

These pieces showcase the artistic skills I have acquired over the years.

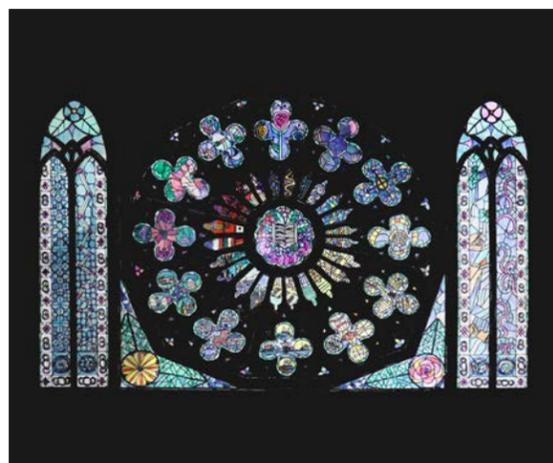
Paintings/Artwork



[9x6in watercolor on watercolor paper]
Plein air paintings from various locations in NYC



[1200x1200px Adobe Illustrator]
Created as an illustration for the Columbia Daily Spectator



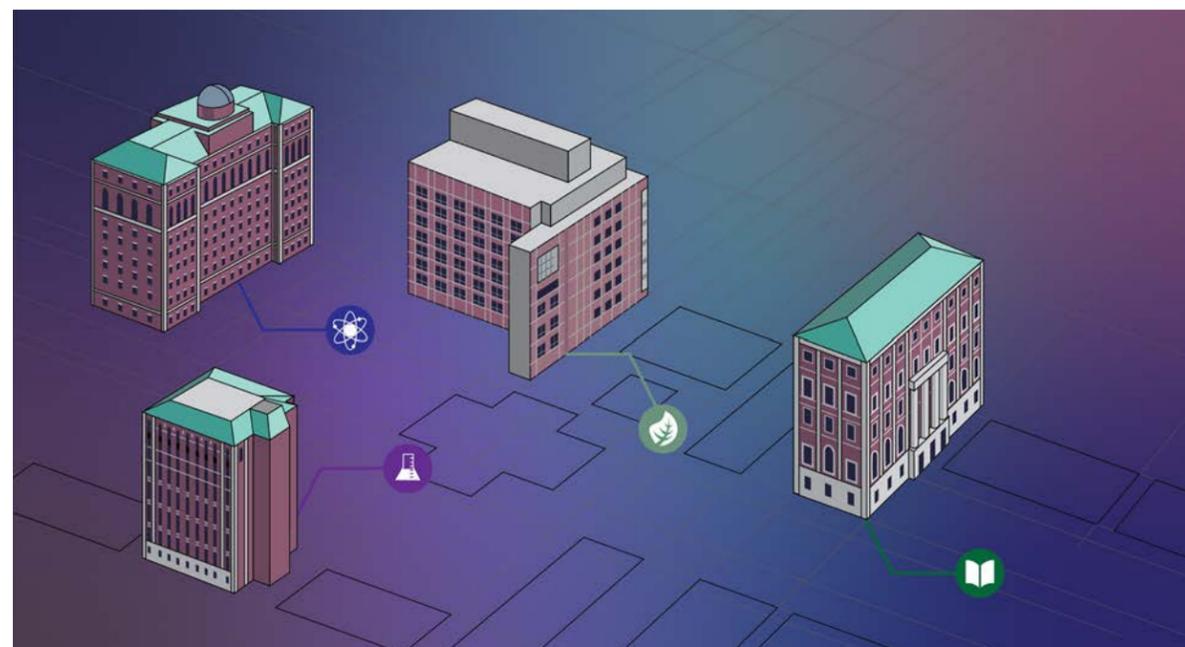
[30x60in glass paint, acrylic paint, glass]



[18x24in oil on canvas board]
Honorable Mention in Scholastic Art Competition



[12x12x20 glass paint on plastic, foam core, and wood]



[1200x1700px Adobe Illustrator]
Created as an illustration for an article in the Columbia Daily Spectator

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