



Transition

Jessica Derrow
Pre-Thesis

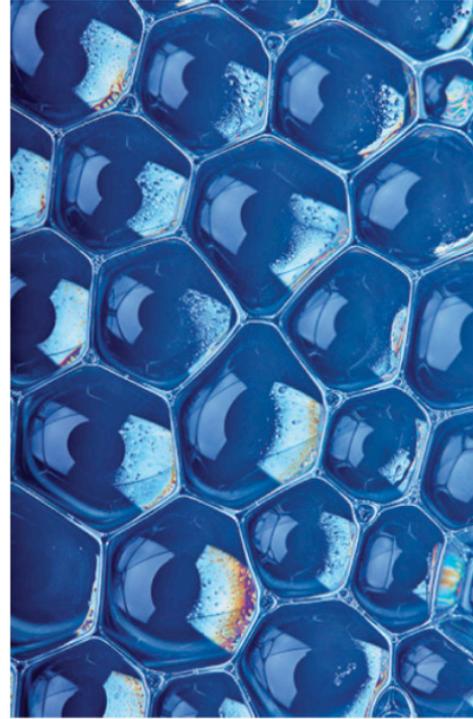
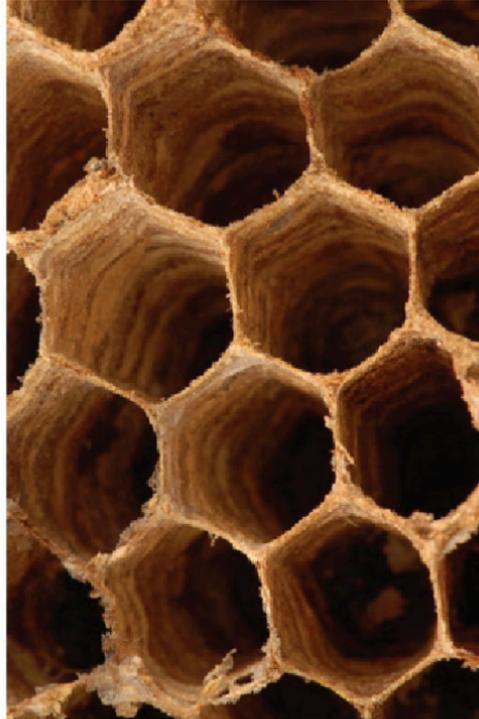
Transition

Transition is the process or a period of changing from one state or condition to another. As seen in my Frontispiece, the change between city and forest. This is the overall feeling I want to bring to my project. Brazil is unique in the Americas because, following independence from Portugal, it did not fragment into separate countries like the British and Spanish possessions in the region did. Sao Paulo, Brazil is the 5th most populated city in the world, everything is fast pace and concrete jungles. Nature is something we take for granted, it provides the basics to human survival. Not only physically does it help us but it also gives us better health and mental wellbeing, the special benefits of a nature-rich environment. In the beginning, we were people living in nature and now it's become nature living in our built environment. We have become so distant from nature because of technology and the wanting of instantaneous things. My thought as a beginning architect is how can we change the way we live our everyday life. Architecture is everywhere so what can we do to help and educate about our beautiful planet earth. That is where my project starts, like I stated above I'm working in the 5th most populated city in the world. The Brazilian landscape is intense and complex, with many rivers, wetlands, mountains, and forests. The place where the biggest rainforest resides, this once immense jungle is slowly being deforested and burnt down causing many plants and animals to become homeless and extinct. So I would like to create a nature center to educate people on how to help, where they are living, and what the future could look like if things don't change. Moving back to the idea of transition, I want to have places that are a short walk away and are a little more isolated and deeper into the forest to create a space for people to go and do work, read, be closer to nature, have small gatherings, going to eat, etc.

Citations

- “Berrel Berrel Kräutler . Bauhaus Museum . Dessau (30).” AFASIAARCHZINE.COM, 8 Sept. 2015, afasiaarchzine.com/2015/09/berrel-berrel-krautler-2/berrel-berrel-krautler-bauhaus-museum-dessau-30/.
- Cincinnati Nature Mobile - Mobile Site, mobile.cincynature.org/.
- “Circle of Life.” Avoid Obvious Architects, aoarchitect.us/projects/circle-of-life/.
- “Eastman Nature Center.” Three Rivers Park District, www.threeriversparks.org/index.php/location/eastman-nature-center.
- “GWWO Architects: Projects: Robinson Nature Center.” GWWO Architects | Projects, www.gwwoinc.com/projects/robinson-nature-center.
- Hoover, Karin. “UCCA Dune Art Museum: Unique Architecture of Art Museum underneath the Dunes.” Futurist Architecture, 21 May 2020, www.futuristarchitecture.com/58107-ucca-dune-art-museum-unique-architecture-of-art-museum-underneath-the-dunes.html.
- Latorre, Ana. “Origami.” Behance, 19 Nov. 2014, www.behance.net/gallery/21437367/Origami-.

Conceptual Study





Looking to nature for inspiration for the building structure. Using the Hexagonal structure because it is sturdy and can be grouped easily.

Precedent Research

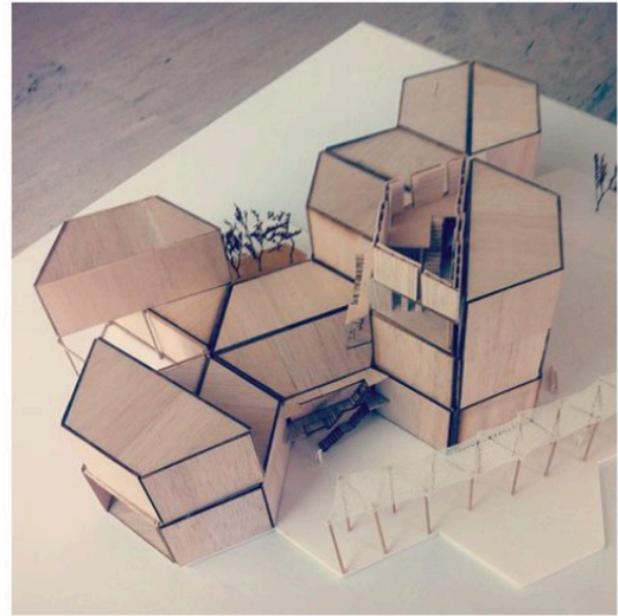
Looking to the design and function of my building and how I wanted the experience to be on the inside and outside of the building. How I wanted nature to interact with my building as well.

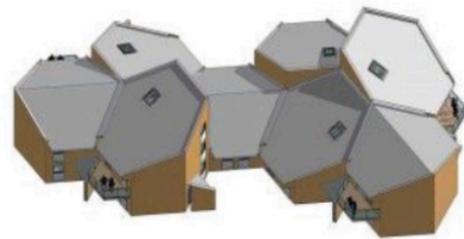
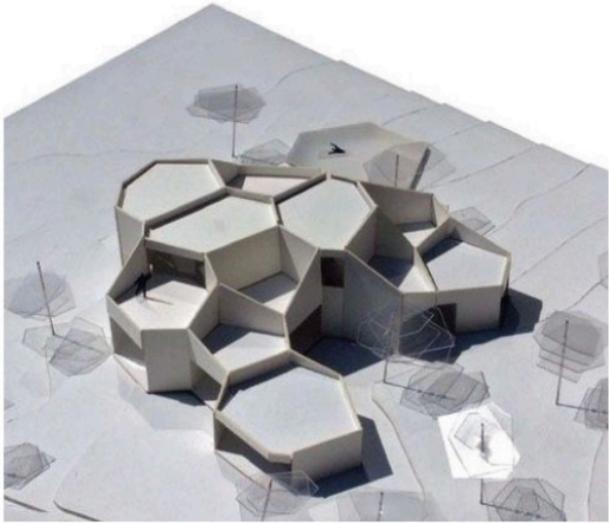




Precedent Research

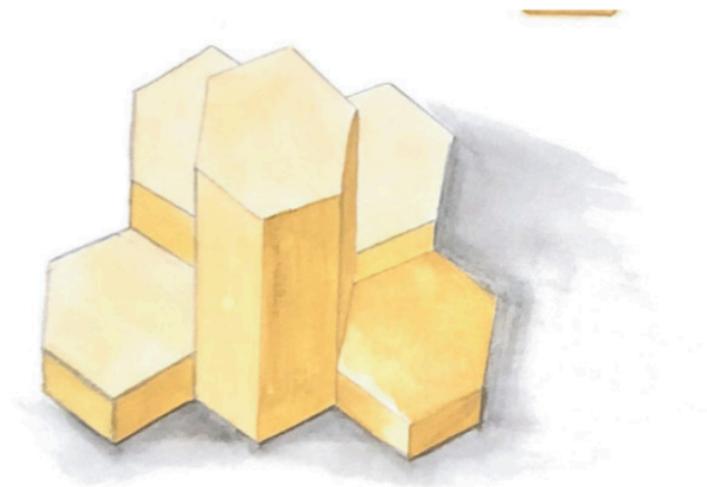
These were hexagonal precedents that influenced the way I could manipulate the hexagon shape.

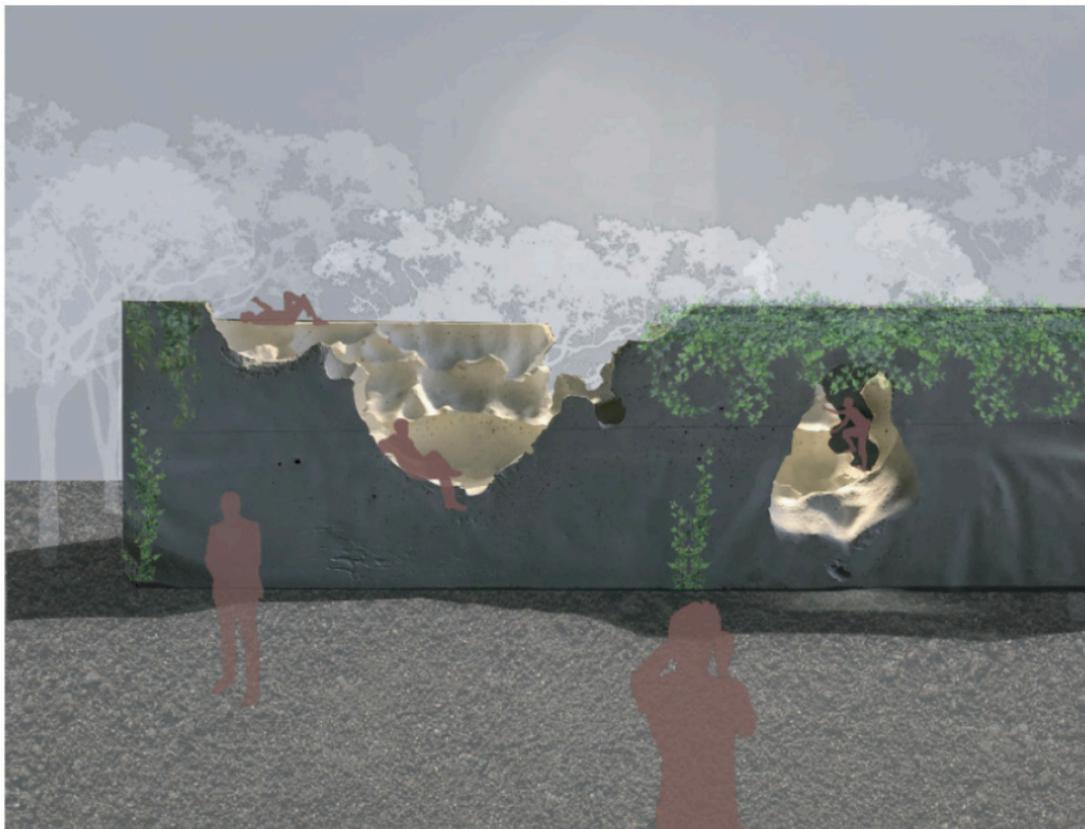




Architectural Program

The beginning sketches and ideas of how people would use the isolation pods as a place to read, work, play, and relax.

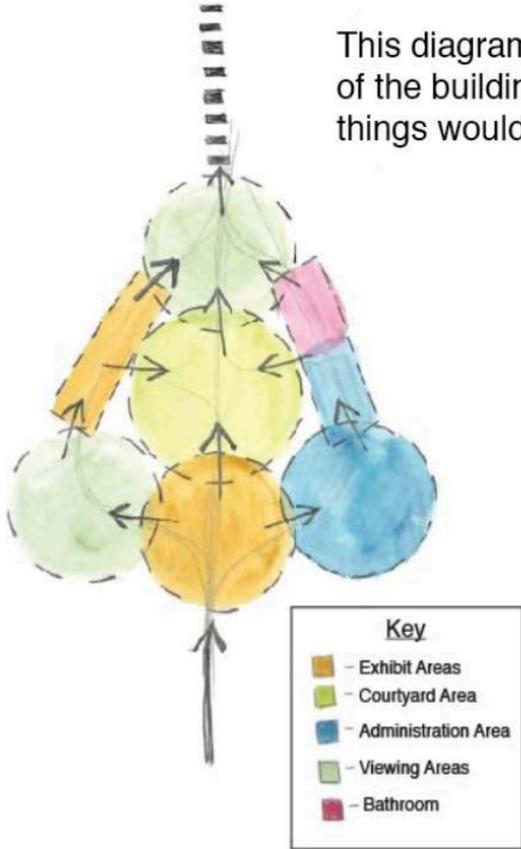




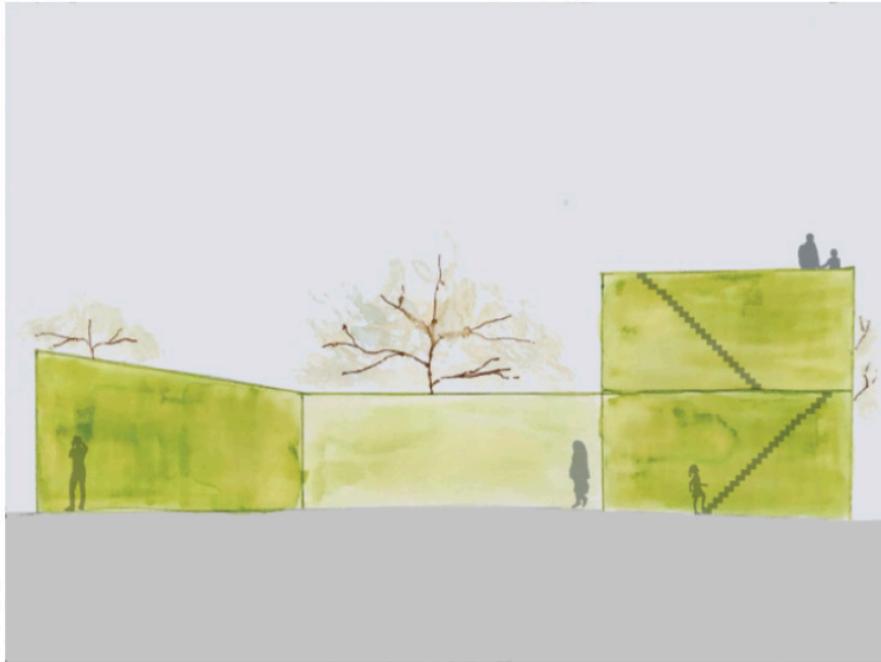
I experimented with a piece of concrete that I made previous to this class to help look at the interaction with people and nature. **How they would both use the building.**

Architectural Program

This diagram is showing the movement of the building and the layout of where things would be placed.

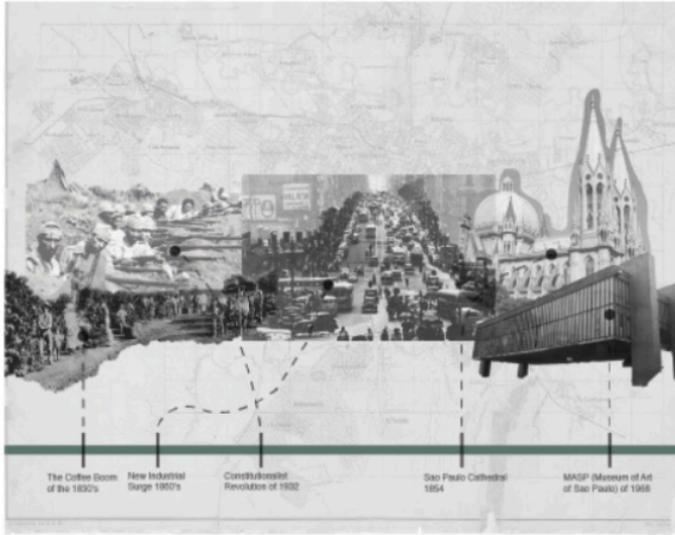


This diagram showing the vertical movement of the building and how the green roof would be used.



Site Plan

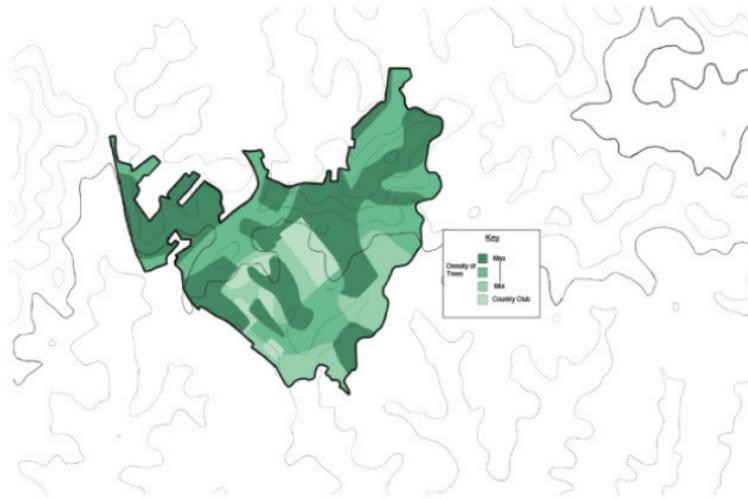
Historical Map



Road Map



Forest Density Map

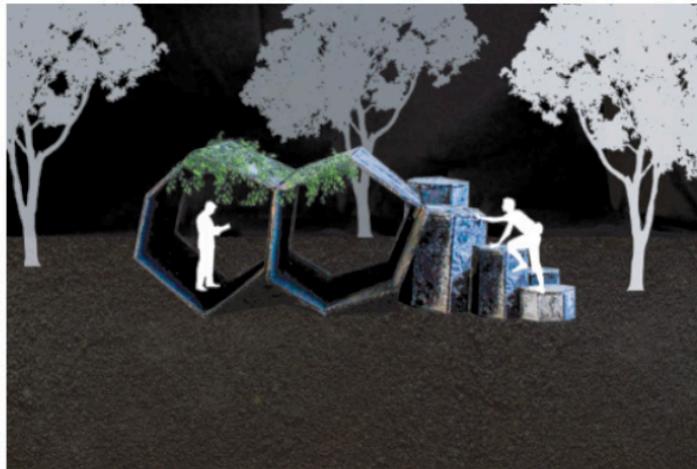
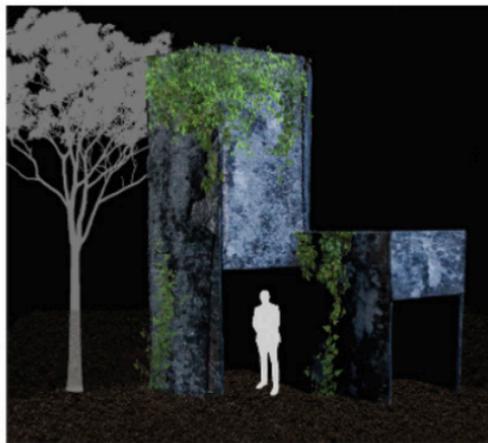


Placement Map

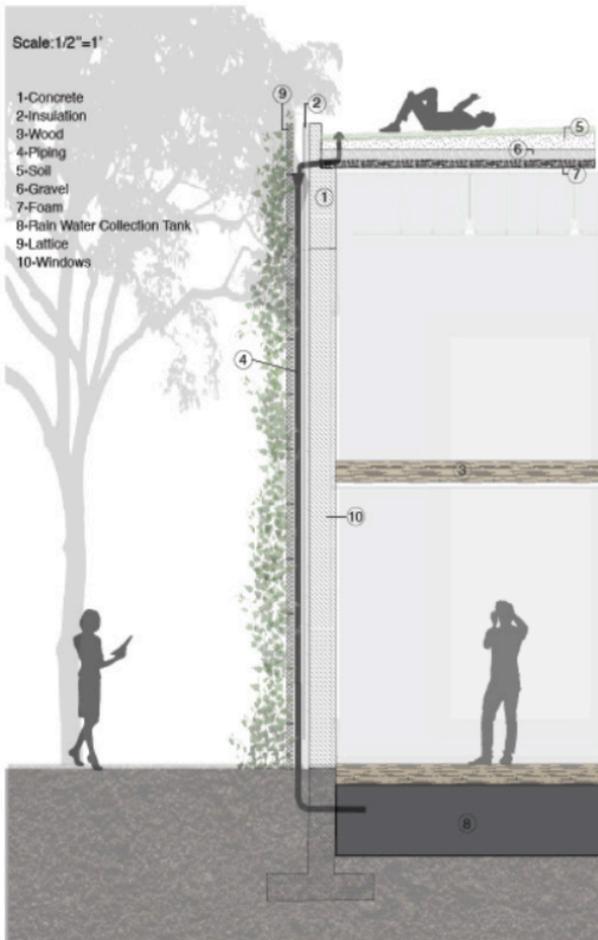


Experiential

Beginning models

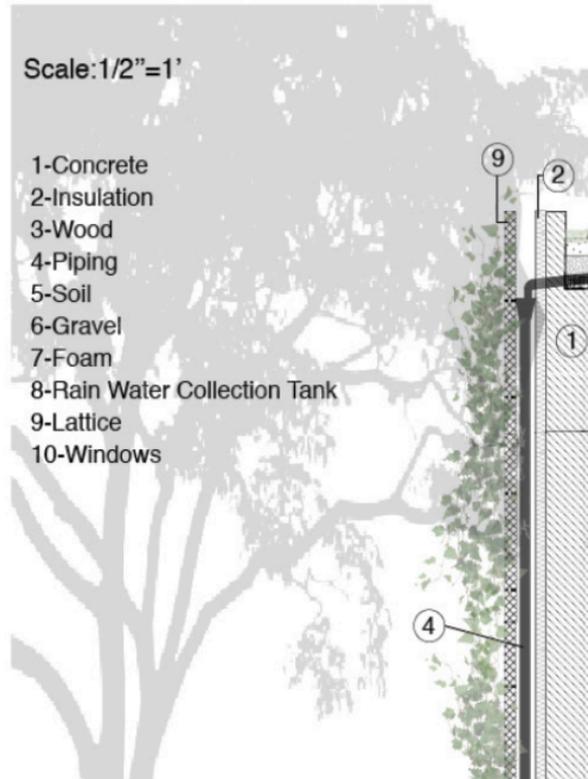


Wall Section



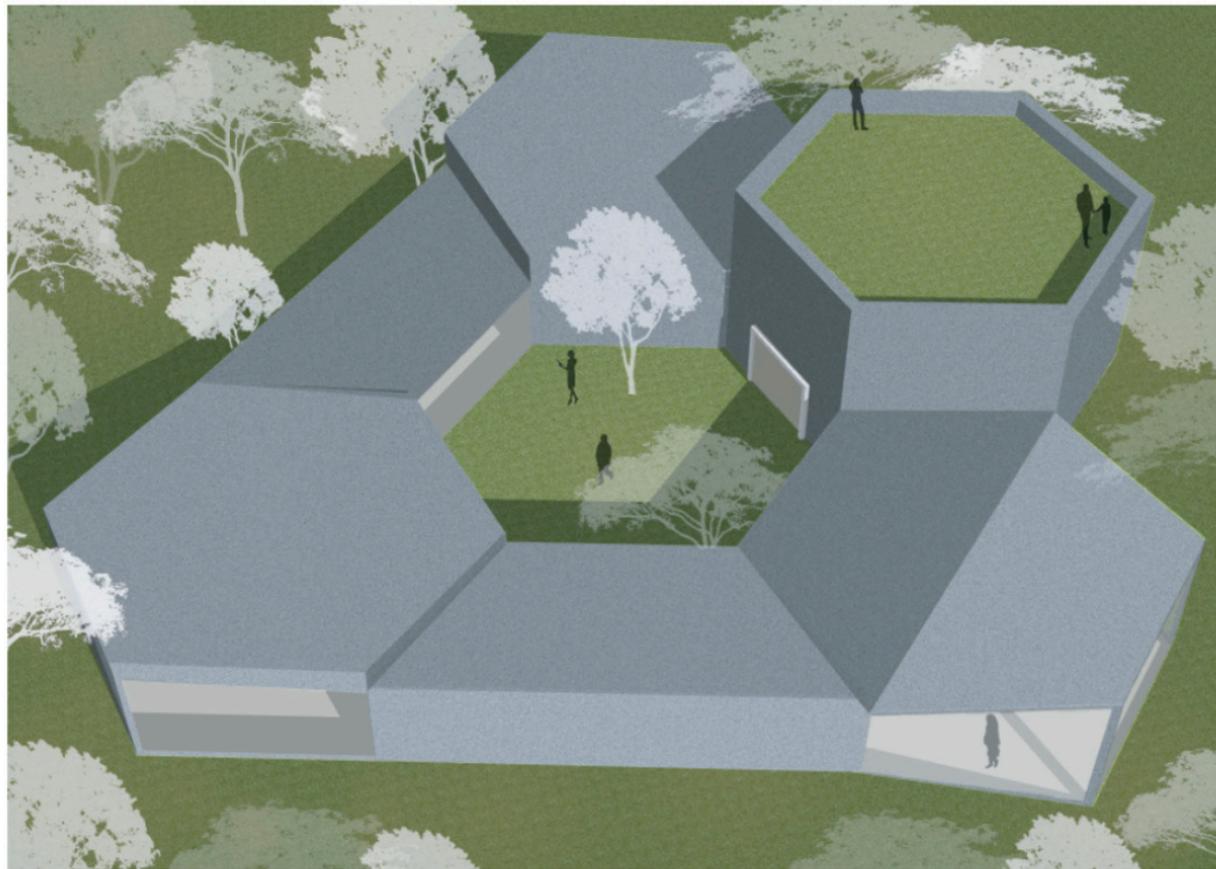
Scale: 1/2" = 1'

- 1-Concrete
- 2-Insulation
- 3-Wood
- 4-Piping
- 5-Soil
- 6-Gravel
- 7-Foam
- 8-Rain Water Collection Tank
- 9-Lattice
- 10-Windows



Experiential

Final model created
in SketchUp

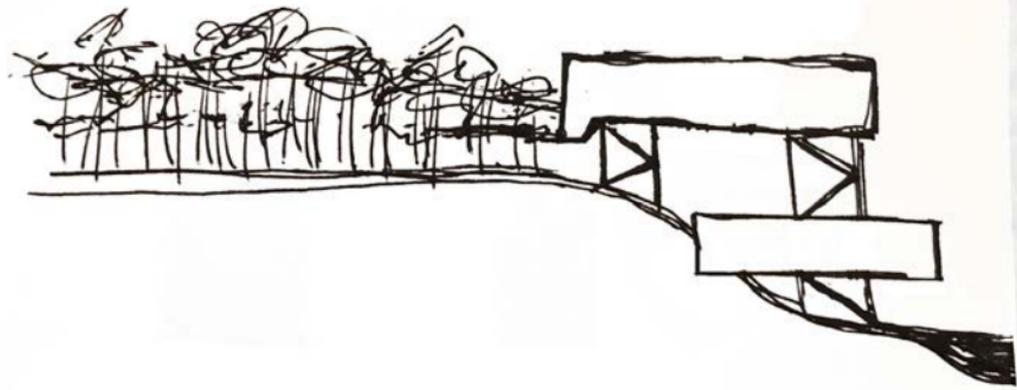






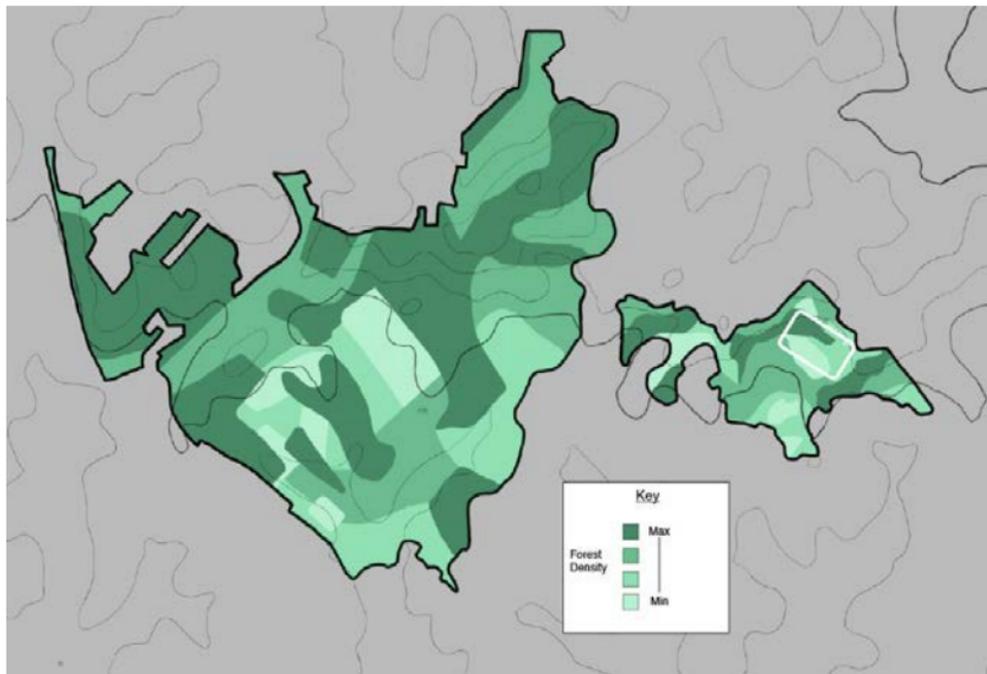
TRANSITION

Thesis Project
Jessica Derrow

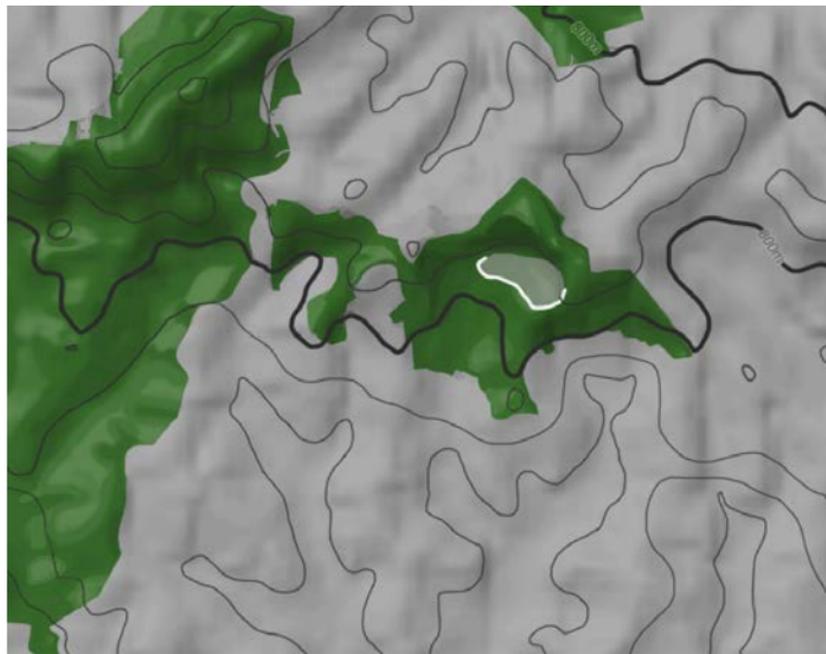


Maps

Forest Density



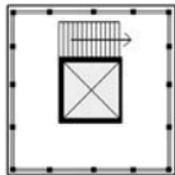
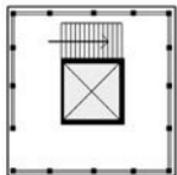
Surrounding Built Environment



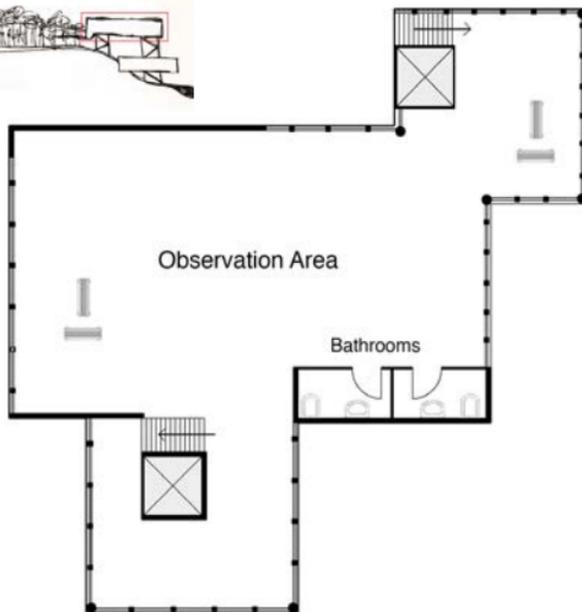
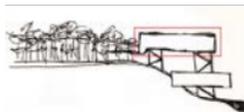
Topography

Floor Plans

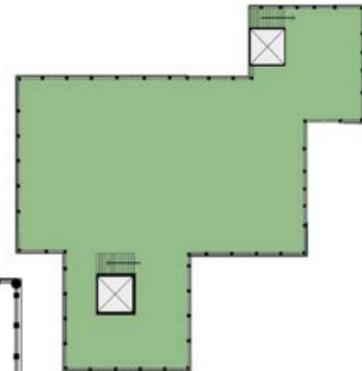
Landings



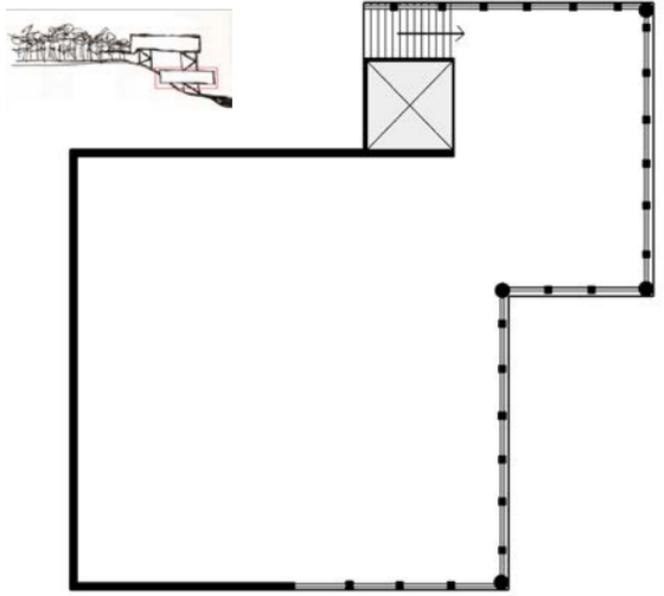
Level One



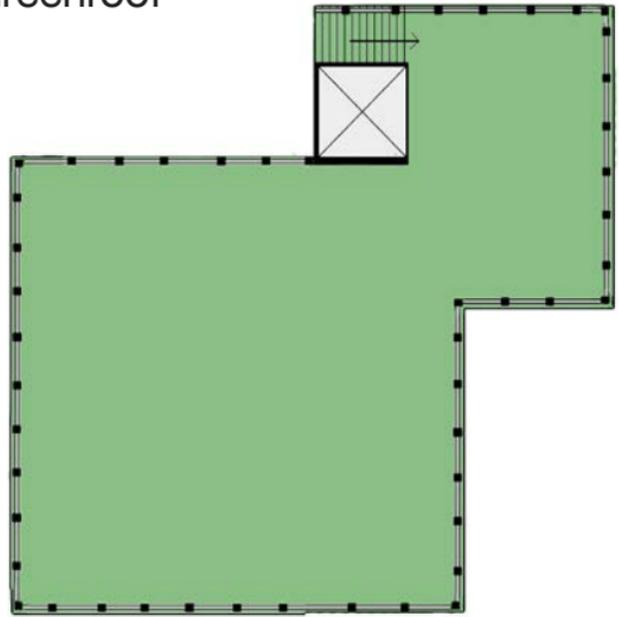
Greenroof



Level Two



Greenroof



Elevations

Southern Elevation



Northern Elevation



Prespectives



