



Architectural Portfolio

Nicholas Thomas Conner

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Ball State Graduate - Architecture



Profile I am a hard worker ready for any task that is sent my way. I am always eager and ready to learn how to do new things and to solve problems. With a professional internship, I hope to grow my understanding of Architectural design, documentation, and concepts.

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Indianapolis, Indiana 46237

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Phone (317) 840-2017

Work Experience

C R Stafford Architects
May 2018 - January 2020

Intern Projects worked on include churches, multipurpose facilities, manufacturing plant addition, and even a bank ATM building. My various tasks included working on Architectural Drawings, COMchecks, compiling drawing sets for bid packages and taking field measurements of existing buildings. I interacted with project consultants and visited job sites for progress meetings and final walkthrough/punchlist meetings.

Meijer
May 2016 - January 2018

Deli Interacted with customers by taking their orders and promptly serving them. Enjoyed learning how to work all parts of the deli so I could become a more valuable employee.

Remodel Worked as part of a team to read store layout plans and reset the store product locations. Assisted customers in finding new product locations.

Education

Ball State University
August 2015 - May 2020

Bachelor of Architecture Degree, Cum Laude
Minor in Landscape Architecture

Roncalli High School
August 2011 - May 2015

Graduated with Academic Honors with Distinction
Inducted into the National Honor Society

Skills

Creativity and problem solving
3D printer use and repair
Computer literacy and troubleshooting
Teamwork and communication

Awards and Recognition

2nd year design competition: Honorable Mention
3rd year design competition: Advanced to semi-finals
Member of Tau Sigma Delta Architecture honor society

Software Proficiency

OS | Windows ●●●●●●●●

2D | AutoCAD ●●●●○○○○○
Rhinoceros ●●●●●●●○○

3D Modeling | Revit ●●●●●●●○○
Rhinoceros ●●●●●●○○○

3D Rendering | KeyShot ●●●●○○○○○
Revit ●●●●●●●●●
Rhinoceros ●●●●○○○○○

Graphics | Illustrator ●●●●○○○○○
InDesign ●●●●●○○○
Photoshop ●●●●●●●○○
Premiere ●●●●○○○○○

3D Printing | Cura ●●●●●○○○
Simplify3D ●●●●○○○○○

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Pediatric Doctor's Office

Project completed for 5th year Architectural Thesis

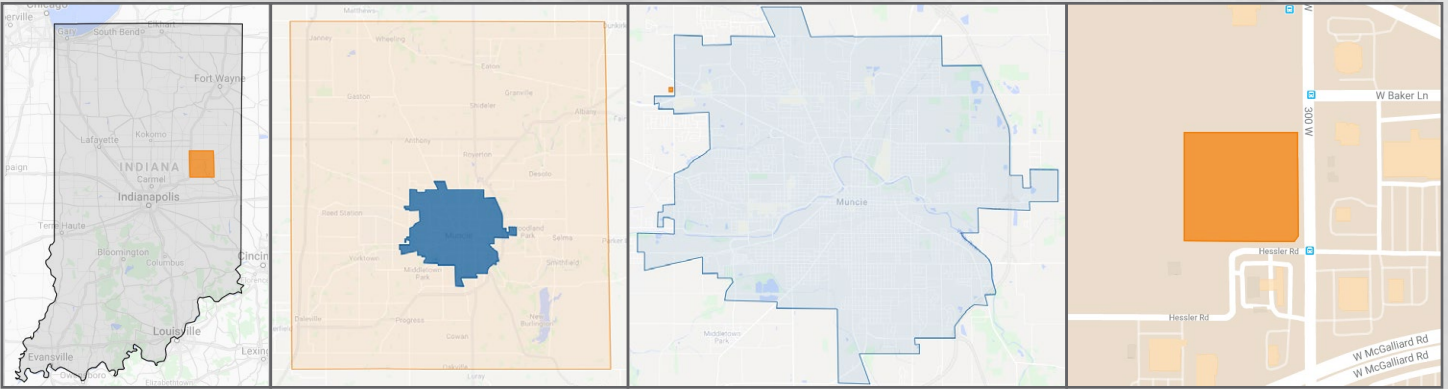


Front Entrance

Scan to visit project webpage.

Biophilic design aims to incorporate natural elements into built environments and it can be used to the designer's advantage as a way of reducing the stress of those in a building. This is further substantiated by a series of biophilic design patterns of which three were chosen as focal points for this project with the aim of integrating healing aspects of nature into the environmental design of a pediatric office.

The three patterns being explored through this project are Visual Connection with Nature, Dynamic and Diffuse Light, and Material Connection with Nature. The first two fall under the larger umbrella category of Nature in the Space in which natural elements, designed or not, are borrowed by the built environment to benefit the users. The third pattern falls under the larger umbrella of Natural Analogues. This pattern is concerned with using materials derived from nature in a way that have been reconfigured but still reflect their natural counterparts.



Indiana

Delaware County

Muncie

3401 N Morrison Road

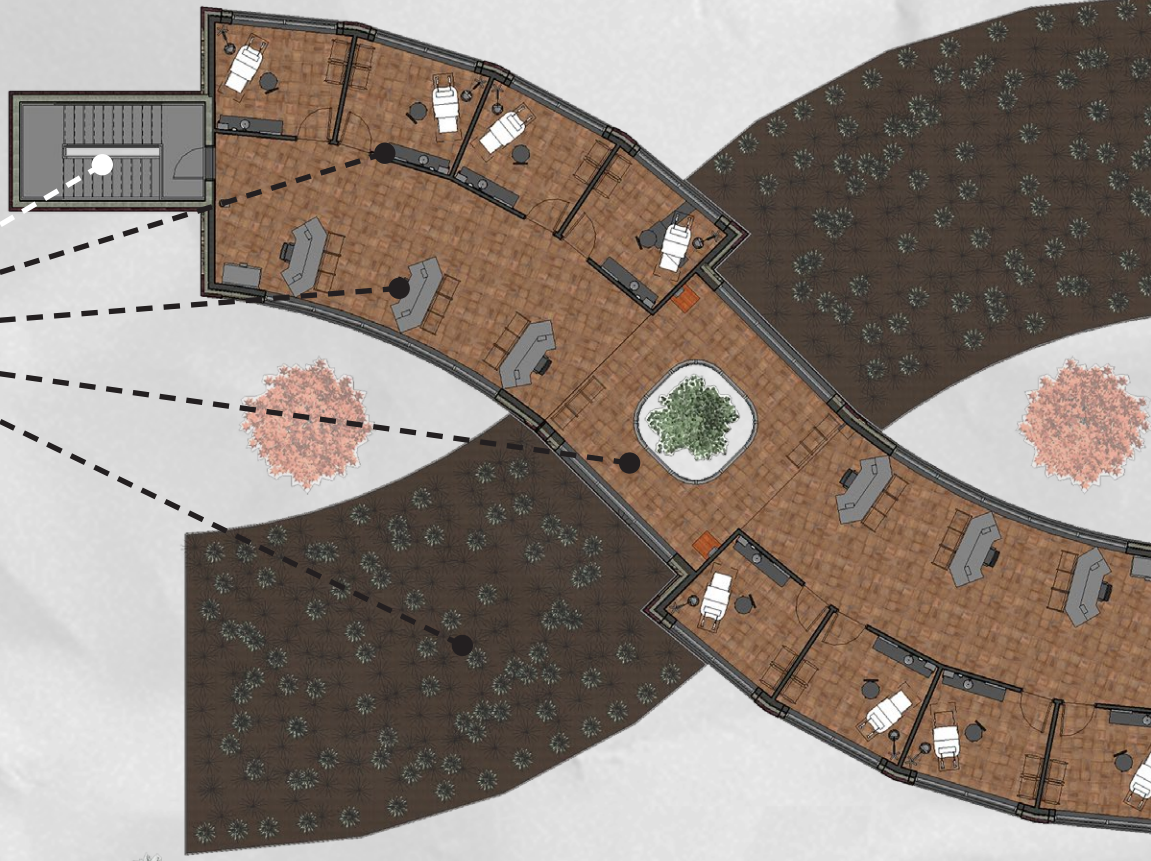


Site Plan

Morrison Road

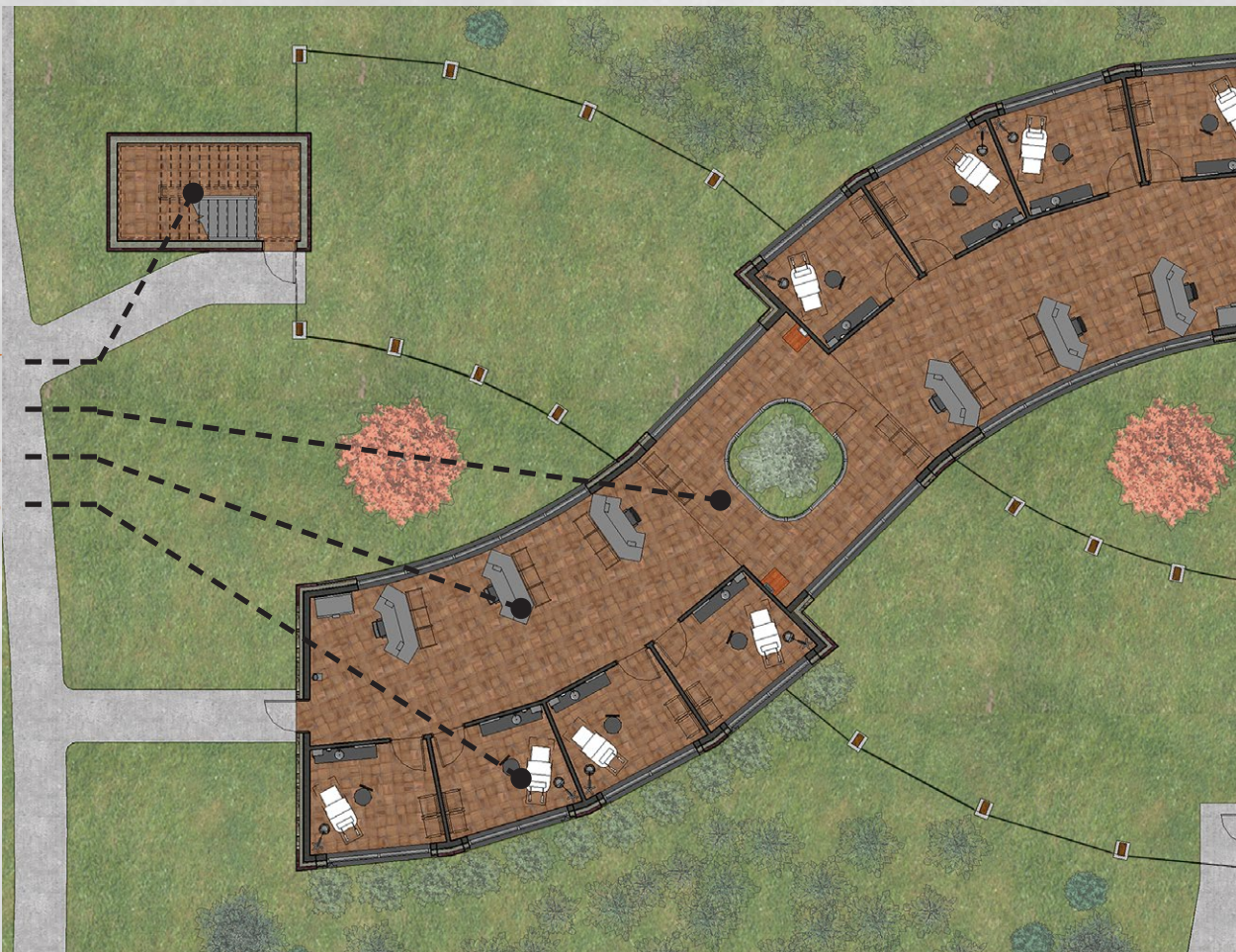
Hessler Road

- Emergency Exit Stair
- Patient Exam Rooms
- Nurse Stations
- Immunization Area
- Green Roof

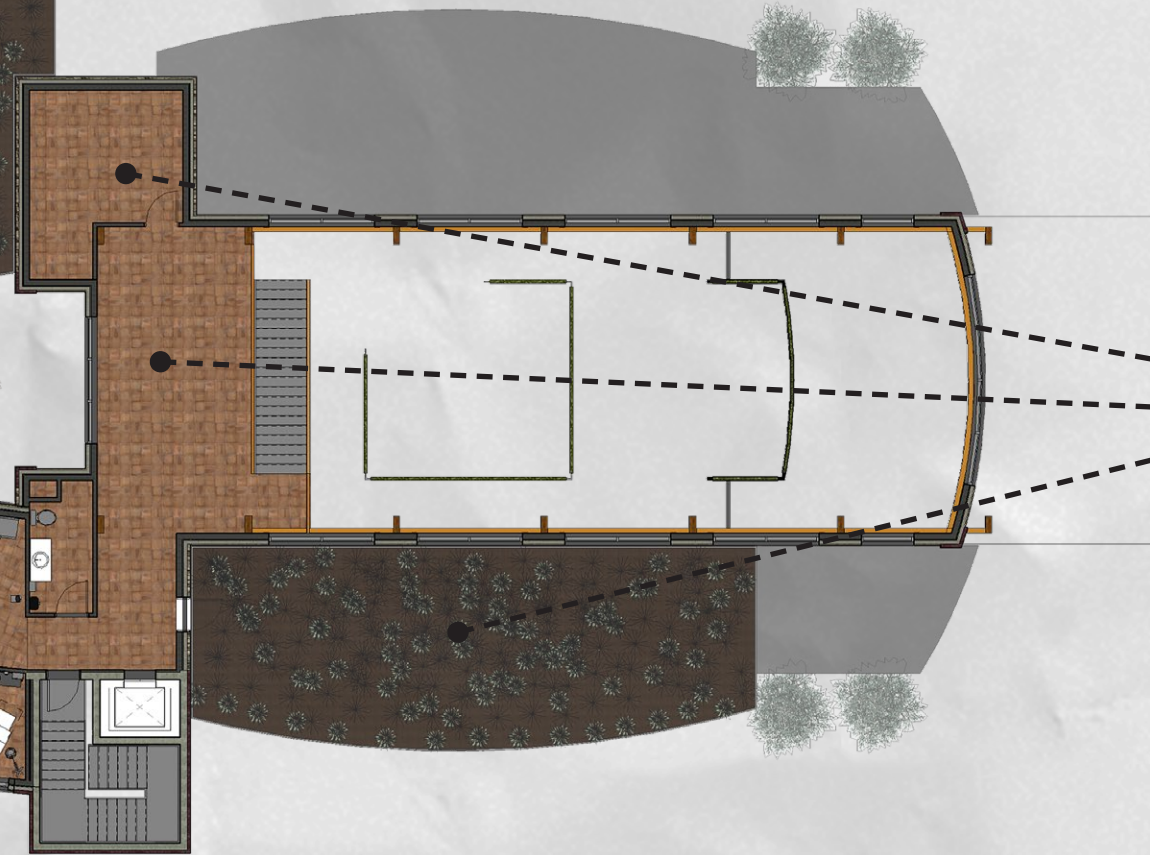


Second Floor Plan

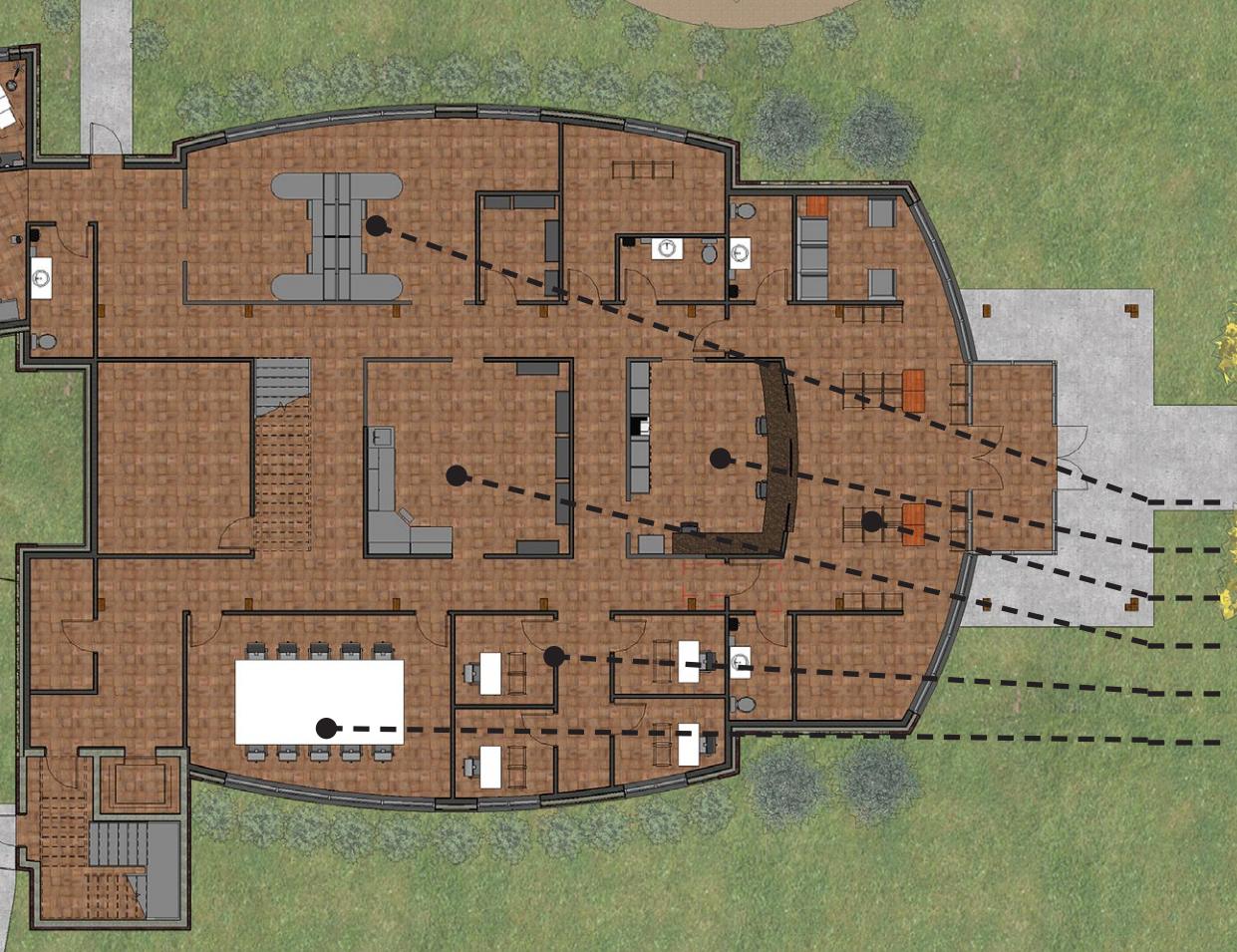
- Emergency Exit Stair
- Immunization Area
- Nurse Stations
- Patient Exam Rooms



First Floor Plan



Mechanical
Break Room
Green Roof

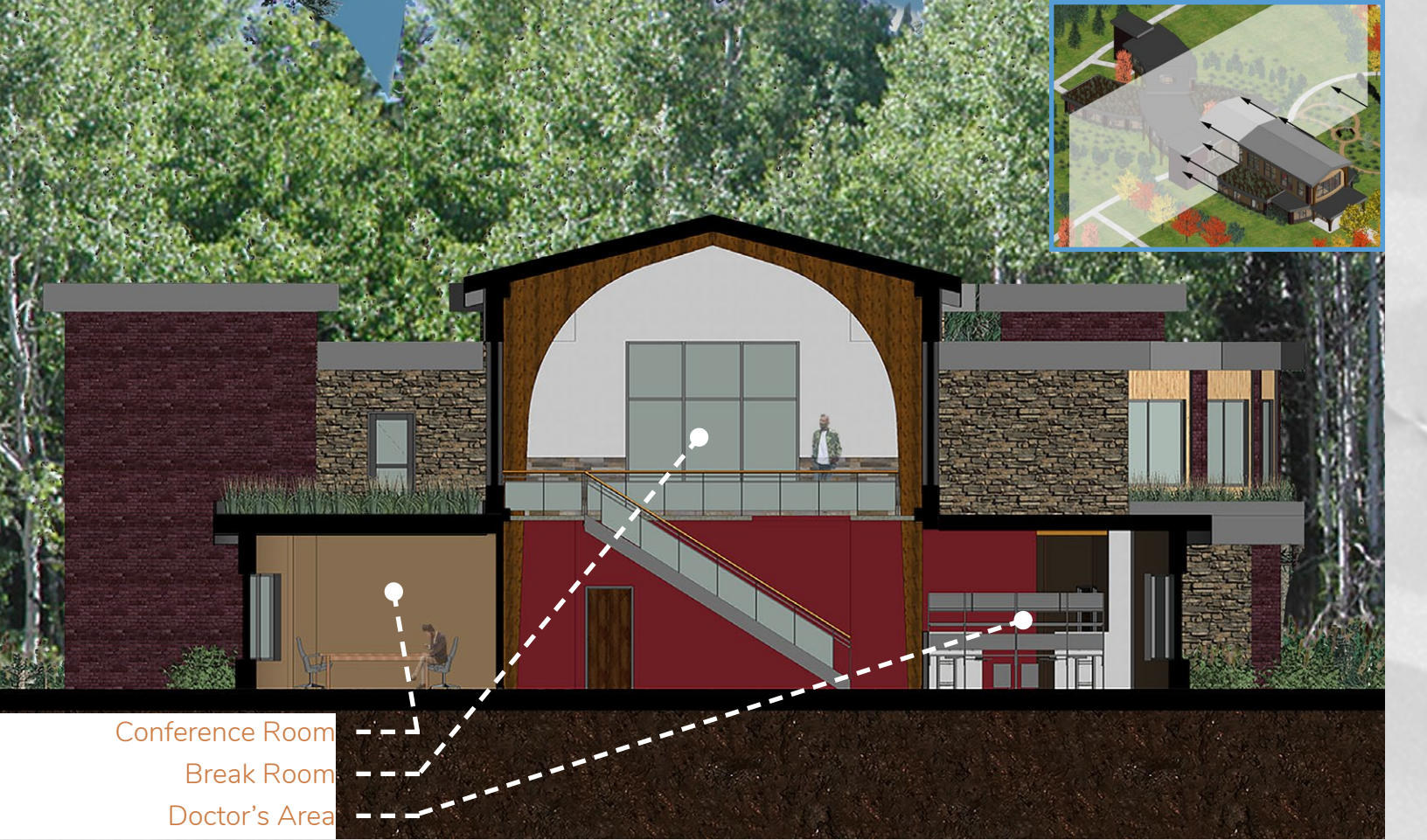


Doctor's Area
Reception
Lobby
Lab Space
Patient Consult Rooms
Conference Room



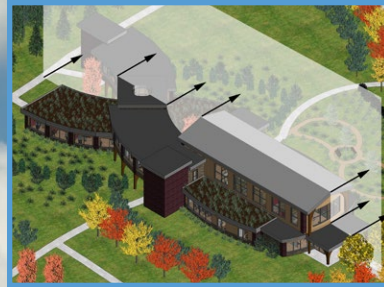
Immunization Area
Nurse Stations

East-West Section

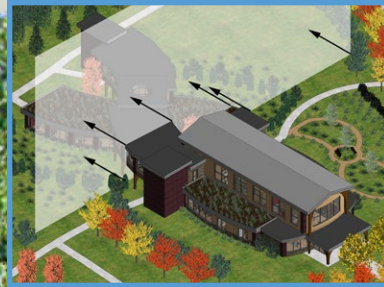
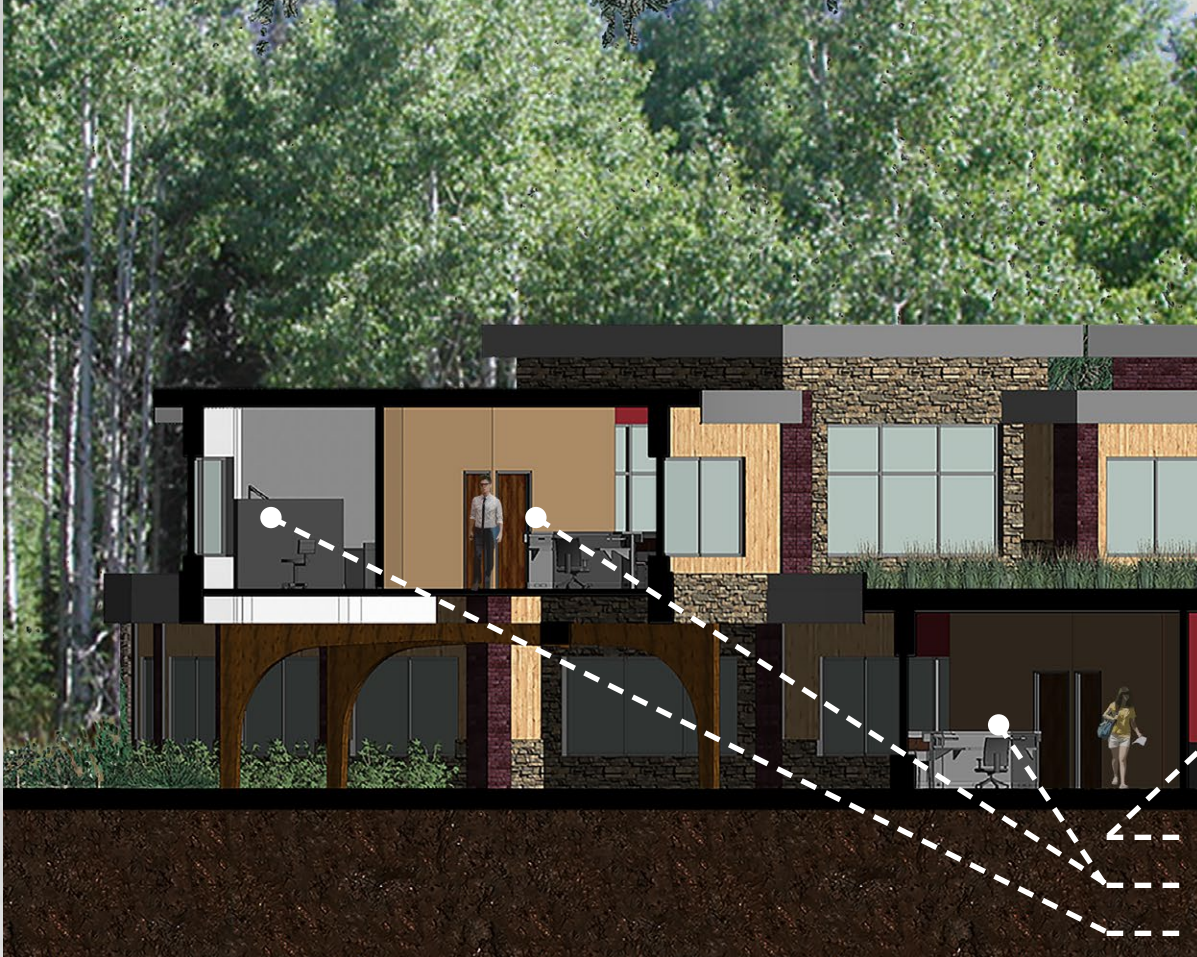


Conference Room
Break Room
Doctor's Area

North-South Section



- Lobby
- Reception
- Break Room
- Lab Space
- Doctor's Area



- Exam Room
- Nurse Stations
- Exam Room

North-South Section



View from Waiting Room



View from Break Room



View from Immunization Area



View of 2 Story Area



View from Second Floor Exam Room



View from First Floor Exam Room

Ball State Village Mixed-Use Development

Project completed for 5th year design studio

Project is a collaboration with Olivia Slusher and Jeremy Taylor



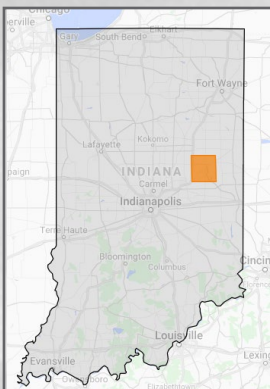
Front Entrance and Sunken Plaza

This project focused on designing a space for the village to address a need we saw in the area. This building is a mixed-use development focused on student housing and open space for visitors to use. By adding more housing to the village, we are trying to promote a healthier lifestyle since being that close to campus encourages walking to class. In addition, there is a cafe that serves healthy foods for those that live there and those that come to use the space.

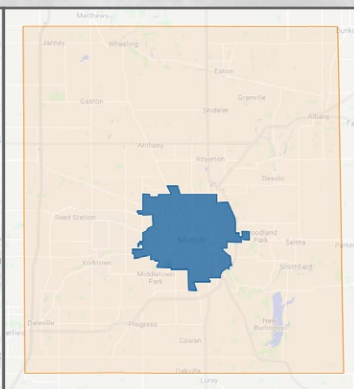
The site consists of a grid of trees at 20' on center and that established grid forms the framework for the building. The structural elements of the building lie on that 20' grid and are easiest to see in the atrium space.



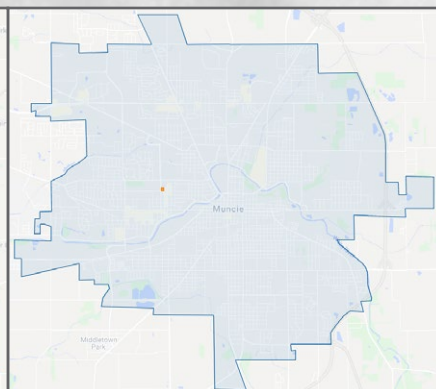
Scan to visit project webpage.



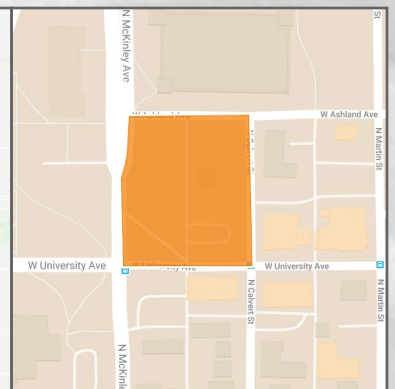
Indiana



Delaware County



Muncie

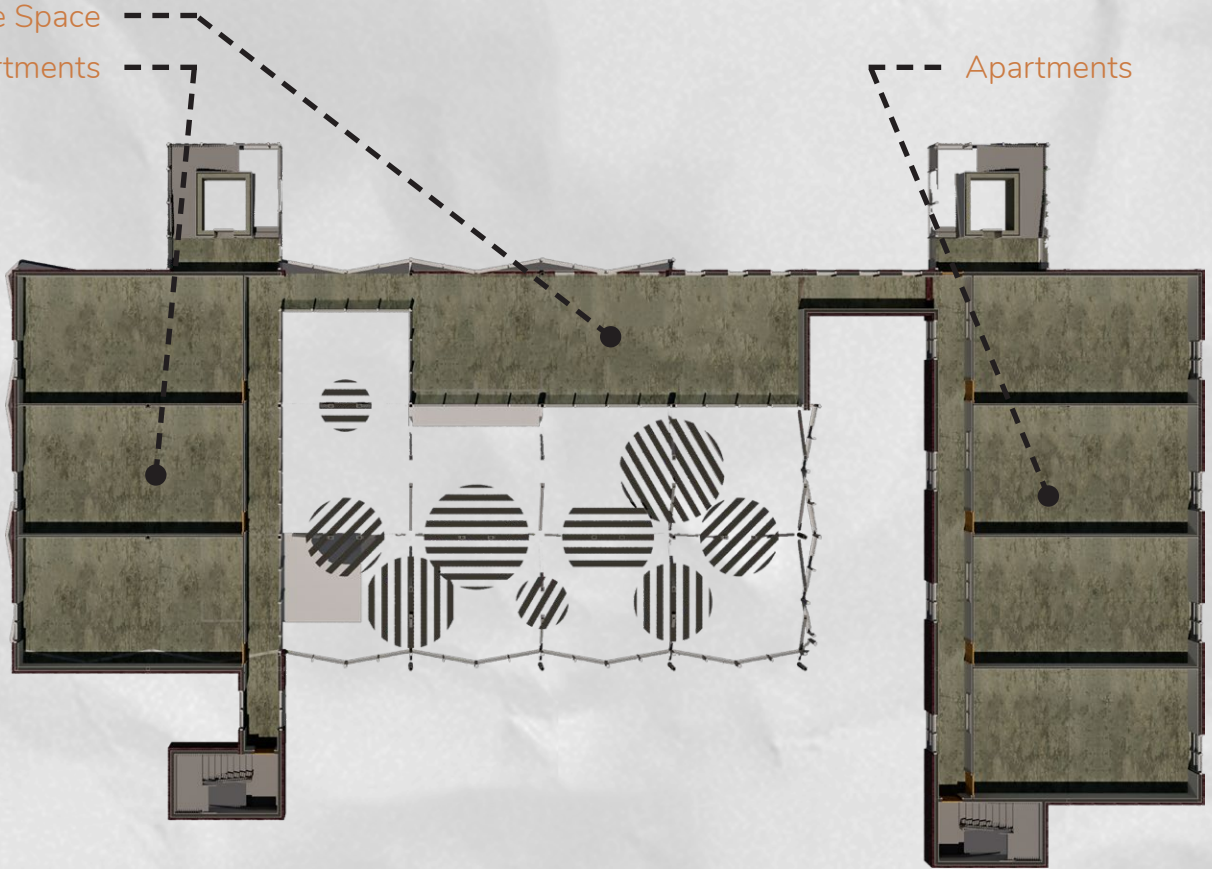


500 N McKinley Avenue

Lounge Space

Apartments

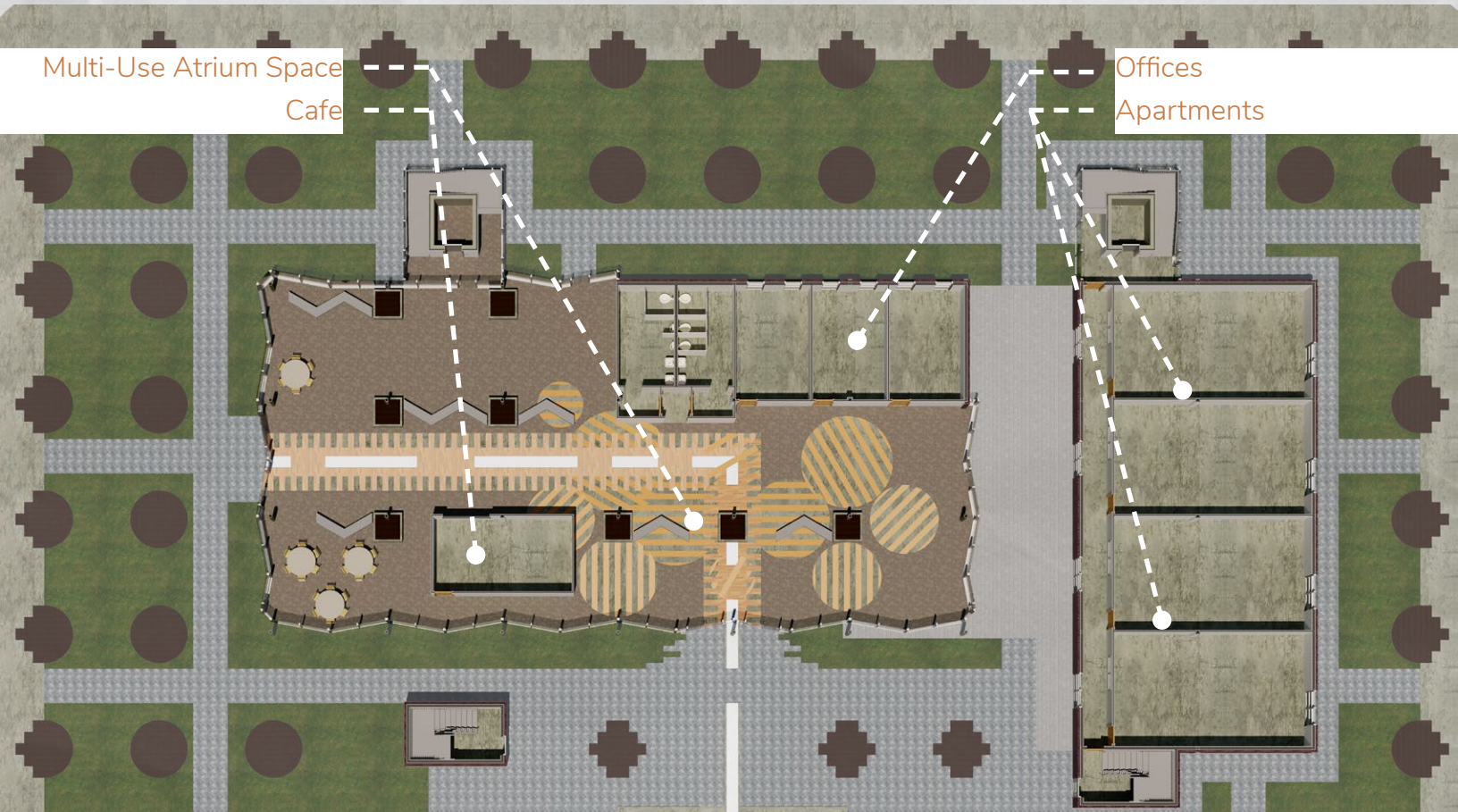
Apartments



Second Floor Plan

Multi-Use Atrium Space
Cafe

Offices
Apartments

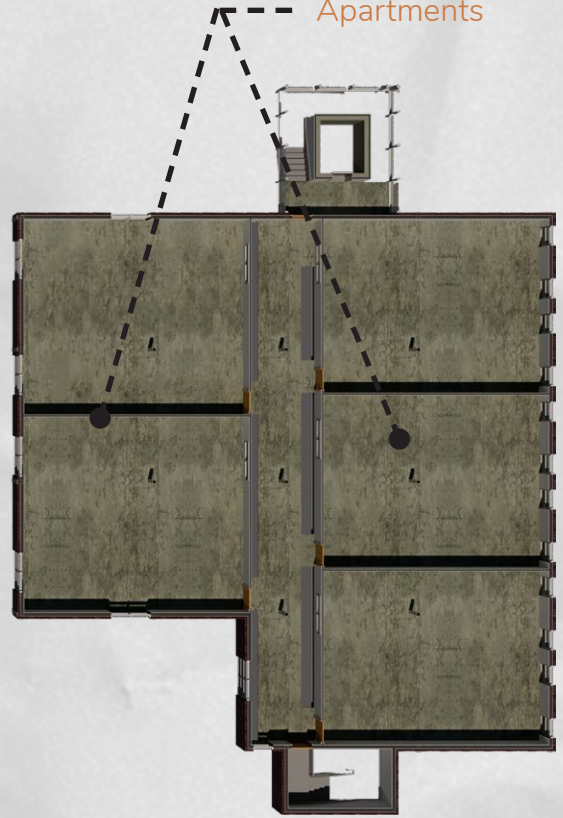


First Floor Plan

Apartments



Apartments

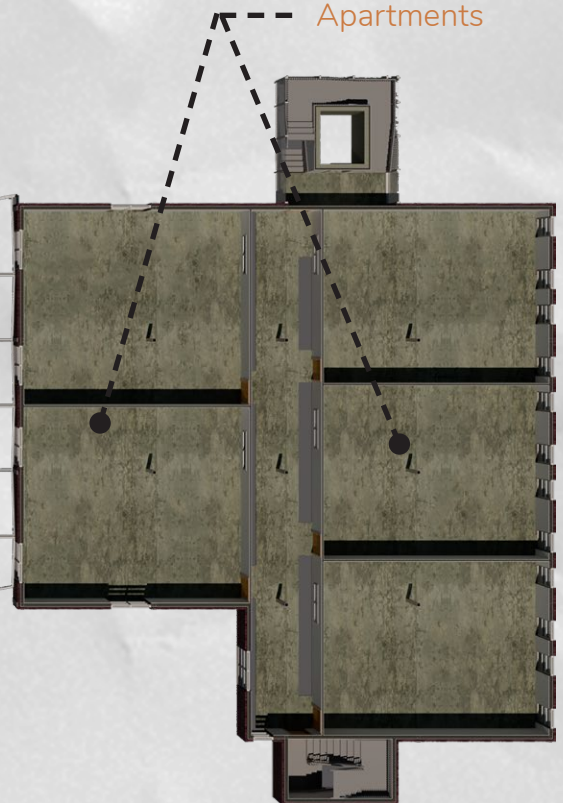


Fourth Floor Plan

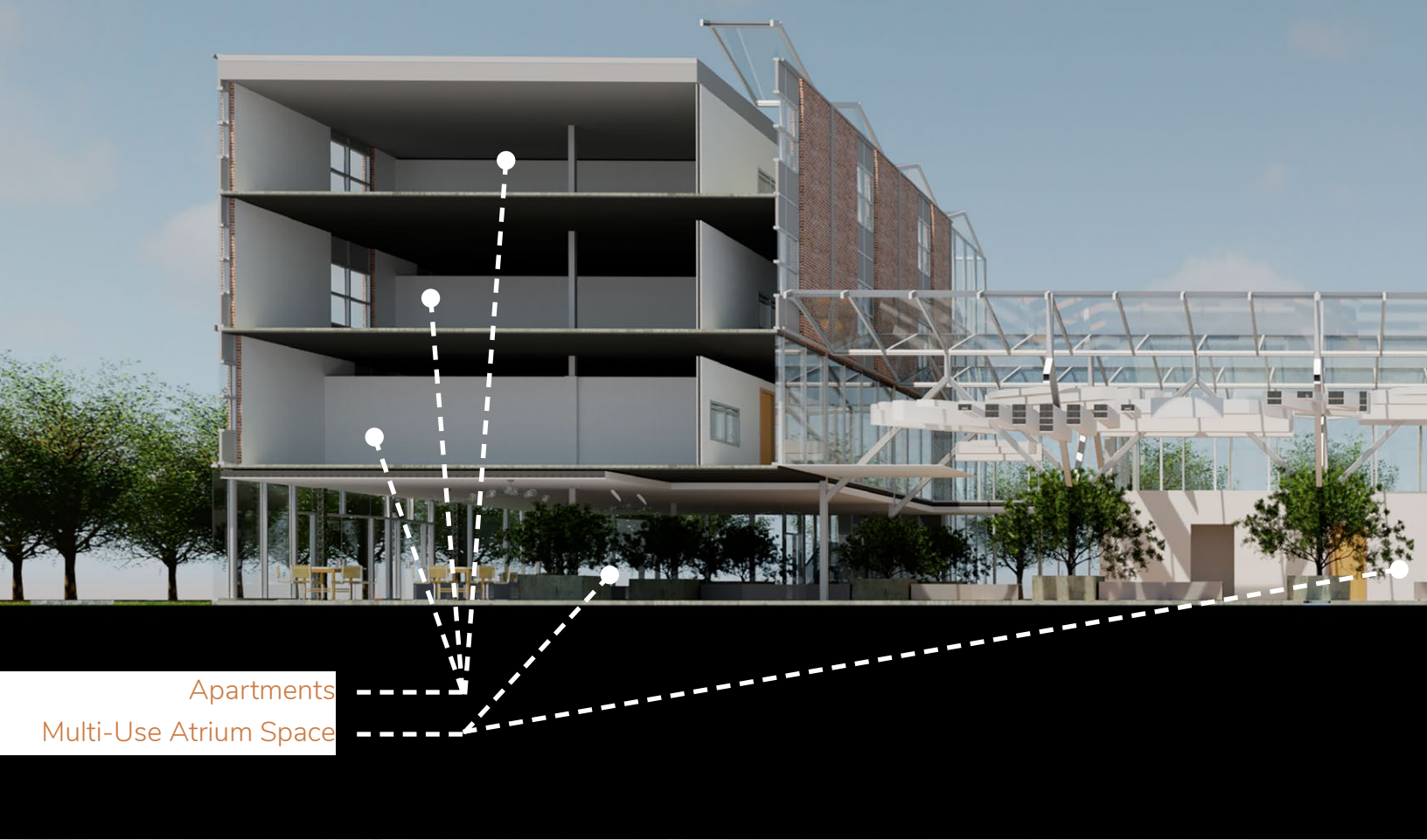
Apartments



Apartments

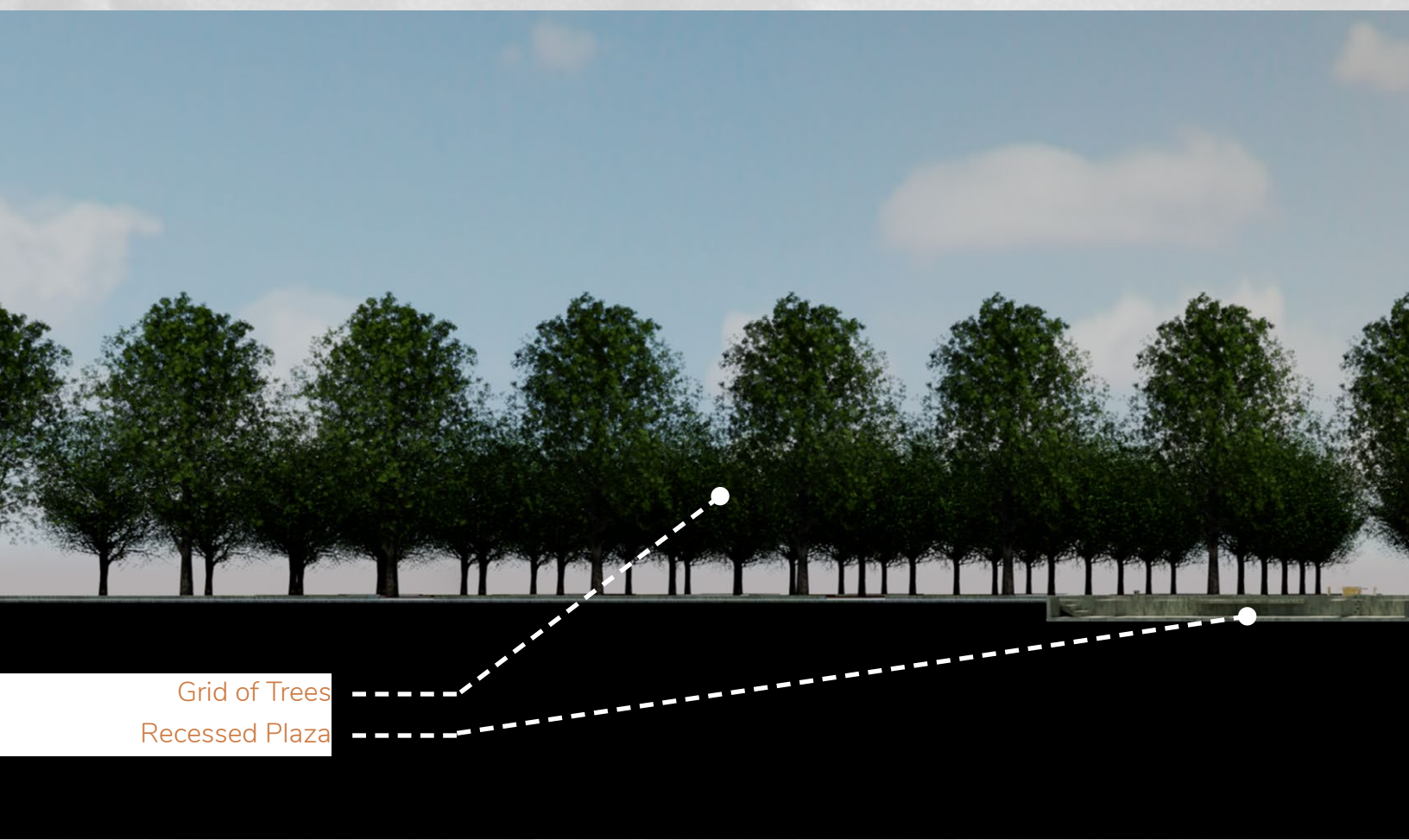


Third Floor Plan



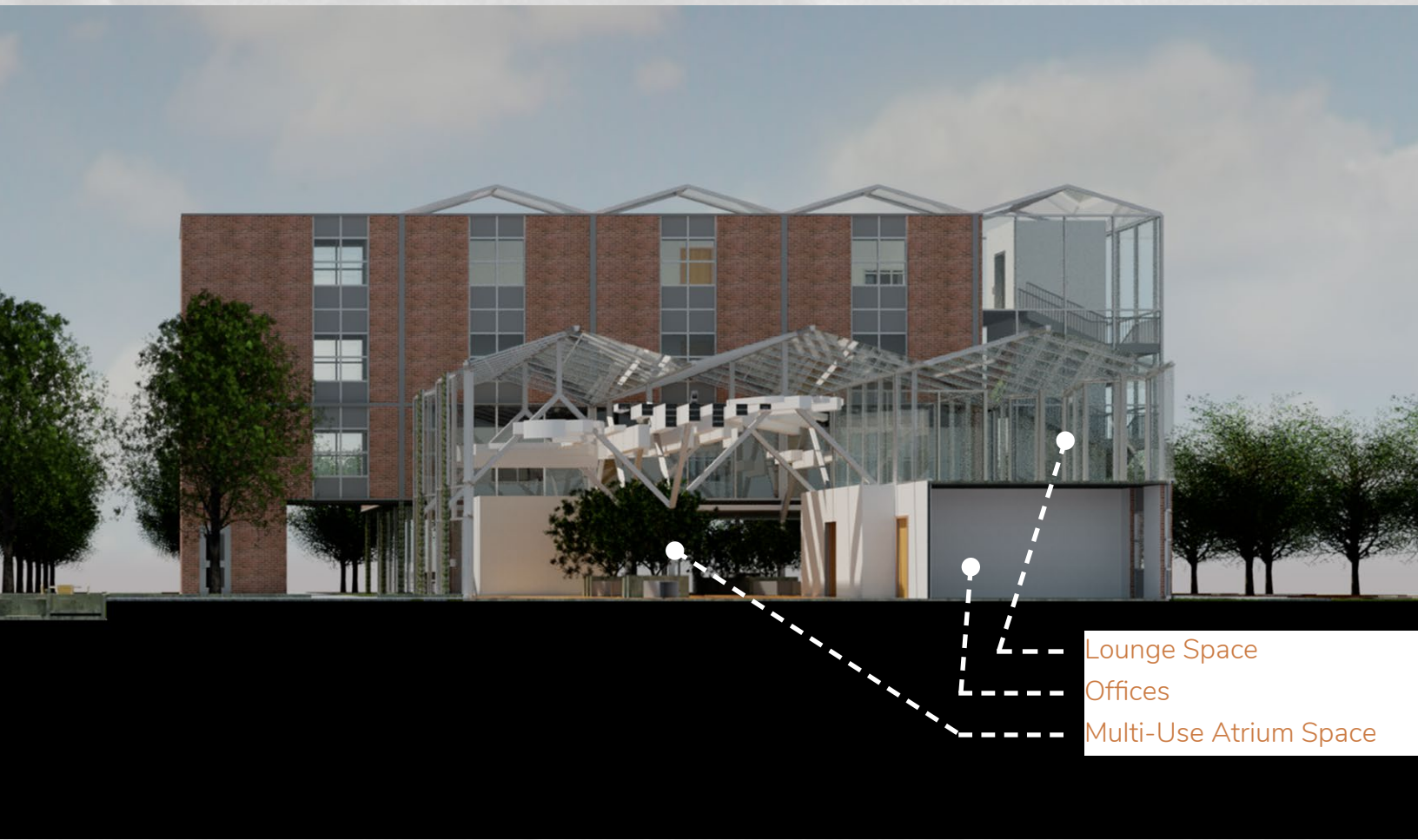
Apartments
Multi-Use Atrium Space

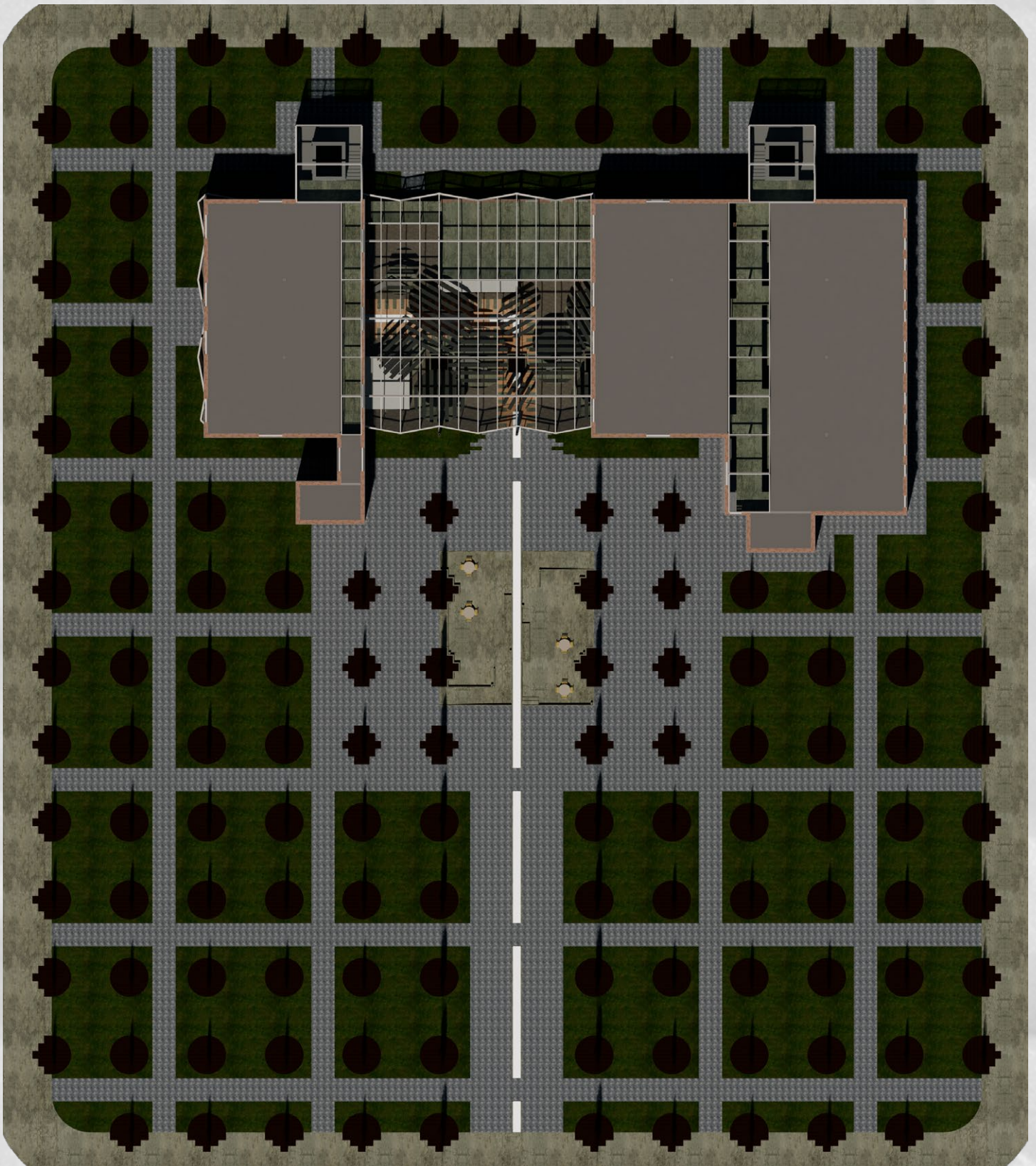
East-West Section



Grid of Trees
Recessed Plaza

North-South Section





Site Plan



Daytime View Looking East



Nighttime View Looking East



Daytime View Looking West



Nighttime View Looking West

Tuhey Poolhouse Feasibility Study

Project completed for 4th year historic preservation class

Project is a collaboration with Eve Miller and Zach McGill



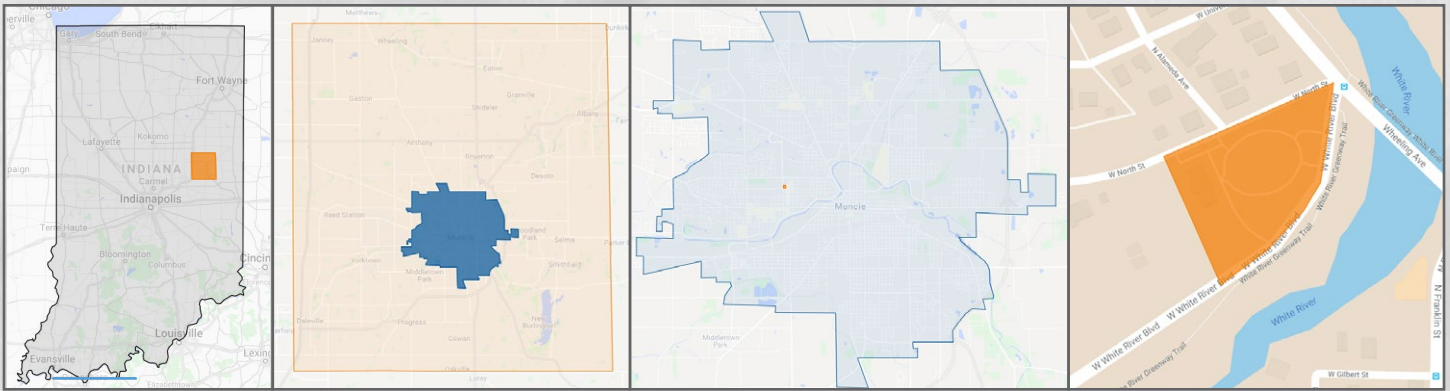
Overview of Building and Ice Rink

Scan to visit project webpage.

As of now, the original pool house is being used as a storage facility. A newer, larger one was built that has a larger capacity to serve guests but the original one was not demolished. This project proposes to reuse the original pool house for recreation again.

The park already has summer interest with the pool which can be used for about half of the year but it does not have winter interest after the pool closes for the season. We propose to renovate the original pool house and use it as a skate house where guests can rent ice skates, grab a snack, and use the restroom. A temporary ice rink will be constructed in the oval green space to the east of the skate house.

This proposal brings a winter activity to the park to give it year-round use. It also is rooted in the idea that there was once an ice skate rink at the park. This rink will be one that does not damage the grass so that when it is removed at the end of the season, there is minimal impact to the site.

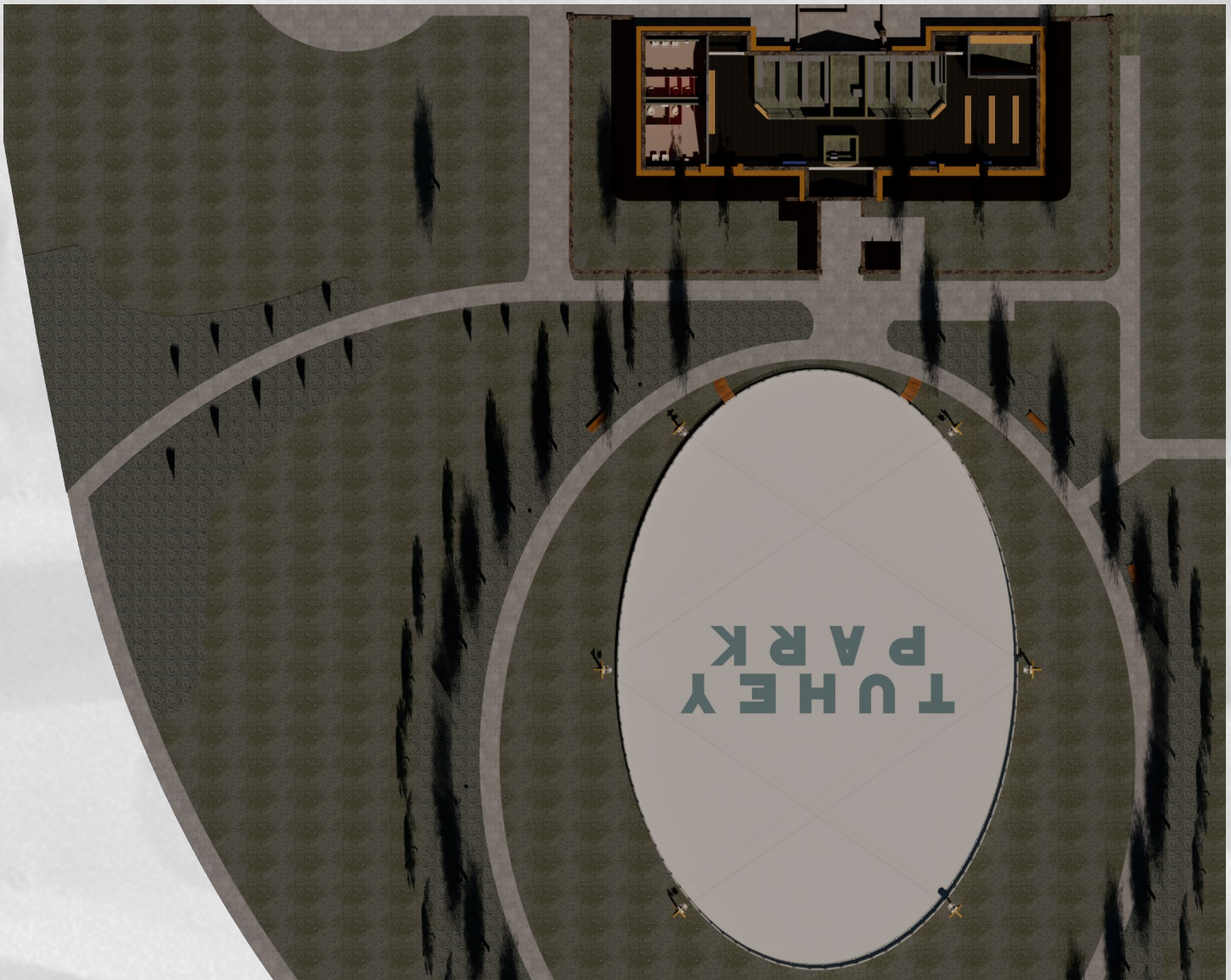


Indiana

Delaware County

Muncie

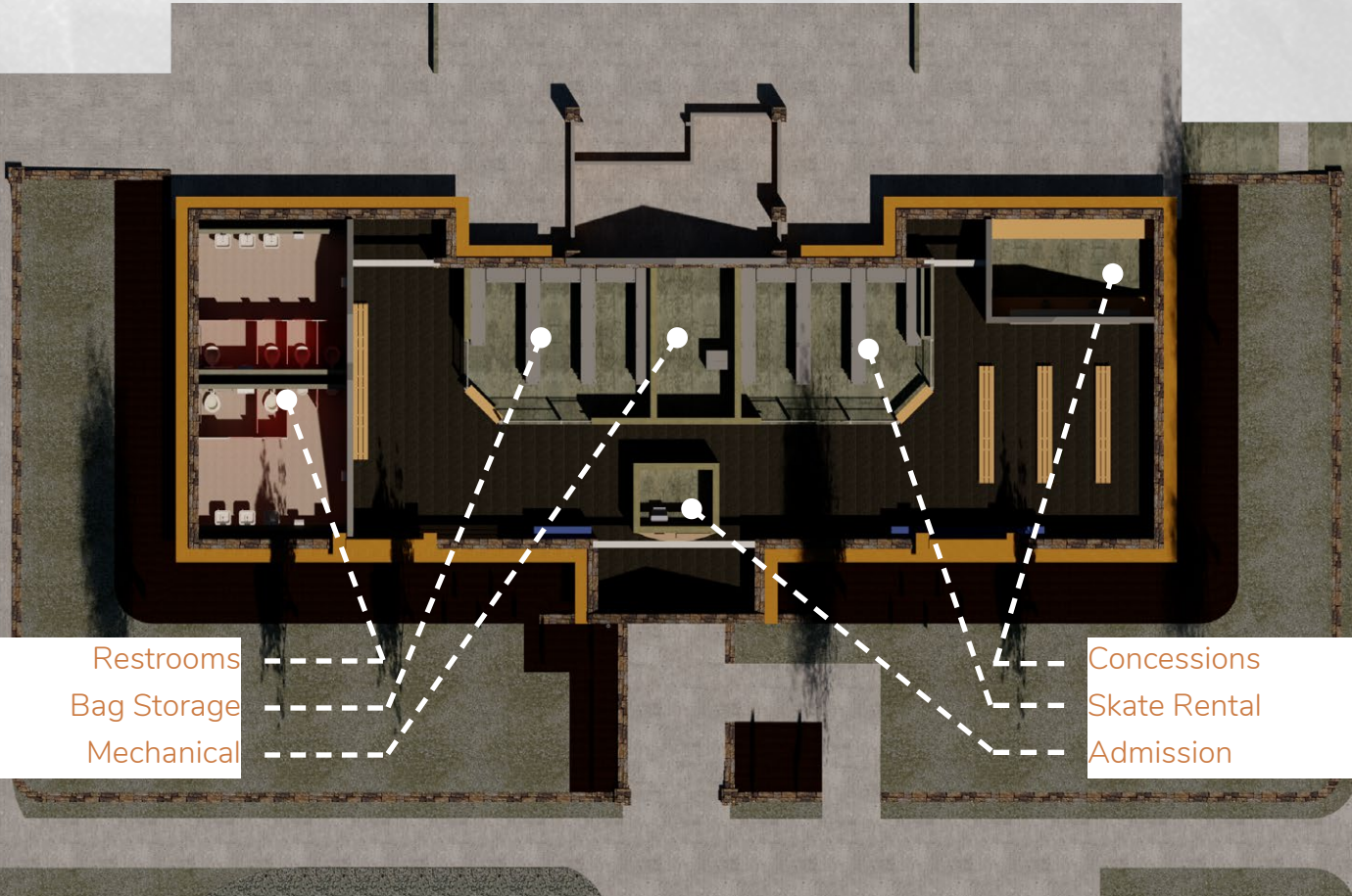
500 W North Street



Site Plan



Scan for an interactive virtual tour.



Restrooms
Bag Storage
Mechanical

Concessions
Skate Rental
Admission

Floor Plan



Daytime view from center of ice rink



Nighttime view from center of ice rink



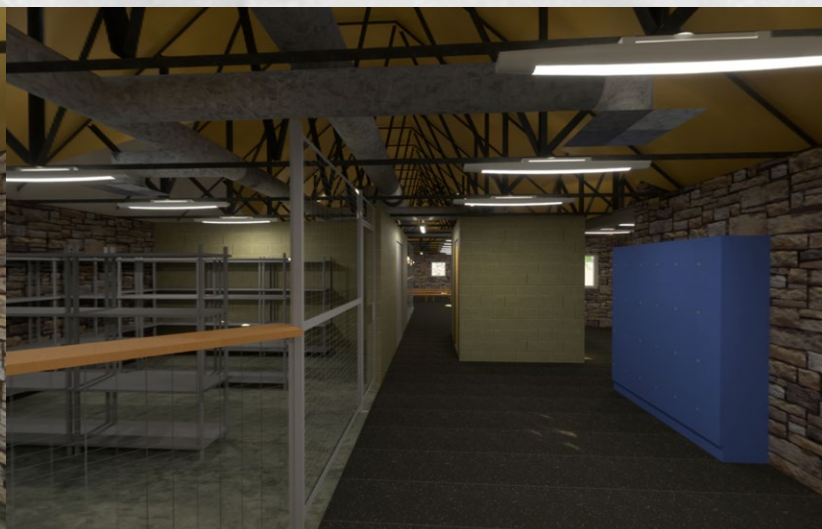
Daytime view from front steps



Nighttime view from front steps



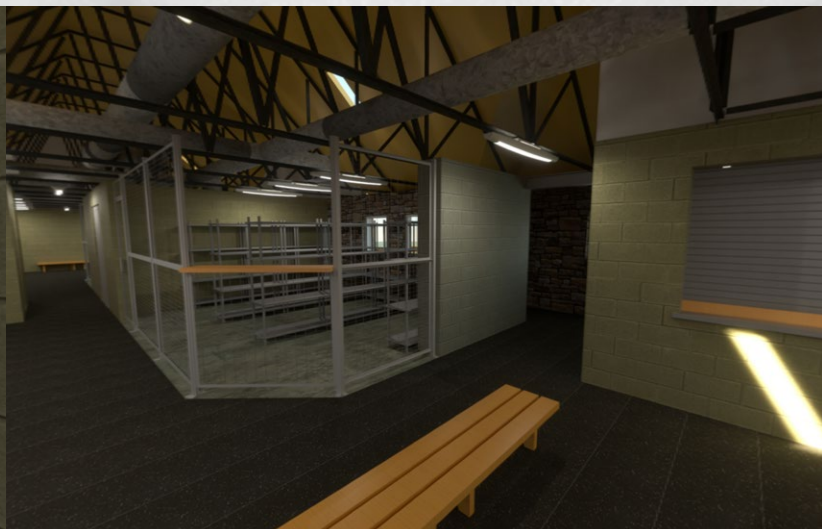
Existing view facing east



Proposed view facing east



Existing view facing west



Proposed view facing west

Chicago Stockyards Business Incubator

Project completed for 4th year design studio



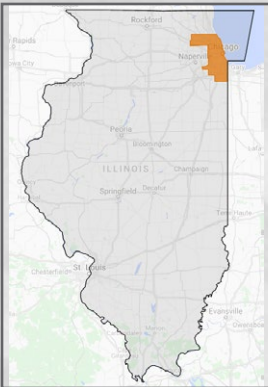
Front Entrance

When looking at the surrounding context, there are many types of businesses in the Chicago Stockyards area. One such business is the Plant Chicago which has a unique system where businesses interconnect so that some use waste from one business as a resource and sell their waste to a different business. They have a symbiotic relationship.

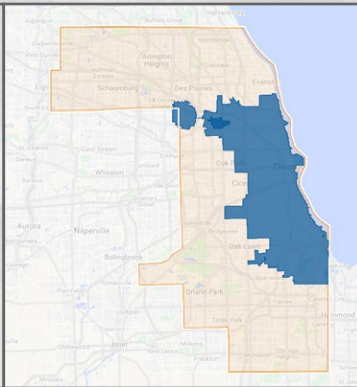
This project is a business incubator that is designed to help small and startup businesses grow by providing space for them to work and creating a space for entrepreneurs to meet other entrepreneurs and share business ideas and resources. The facility provides opportunity that these businesses might not have on their own but they have the opportunity to hold meetings in a professional environment and access lab equipment they otherwise could not afford. This is a coworking space for those around the area to get their businesses off the ground.



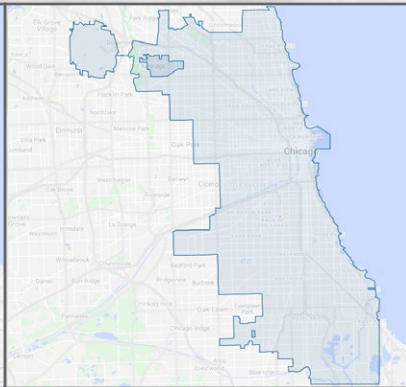
Scan to visit project webpage.



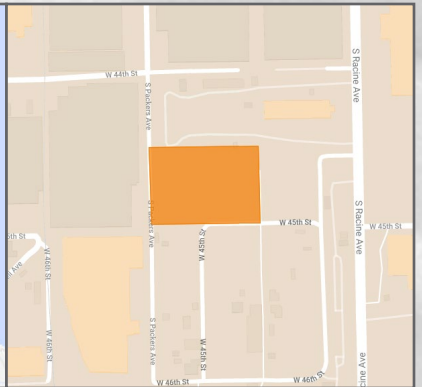
Illinois



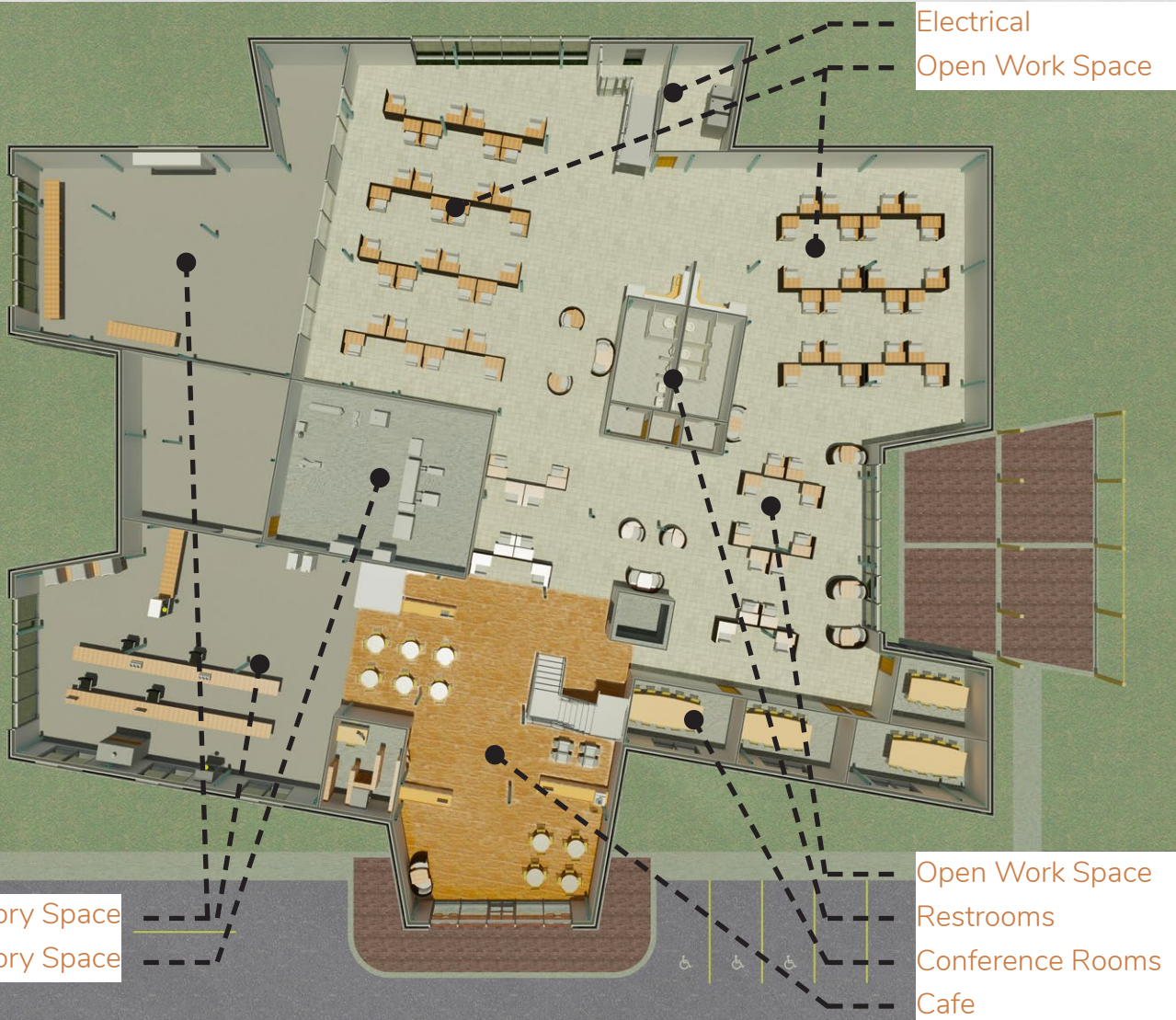
Cook County



Chicago



4435 S Packers Avenue



First Floor Plan



Second Floor Plan

Private Offices
Open Work Spaces



North-South Section



View from Coffee Shop



View to Lab Space



View looking over Work Space

Gary Train Station

Project completed for 3rd year design studio competition

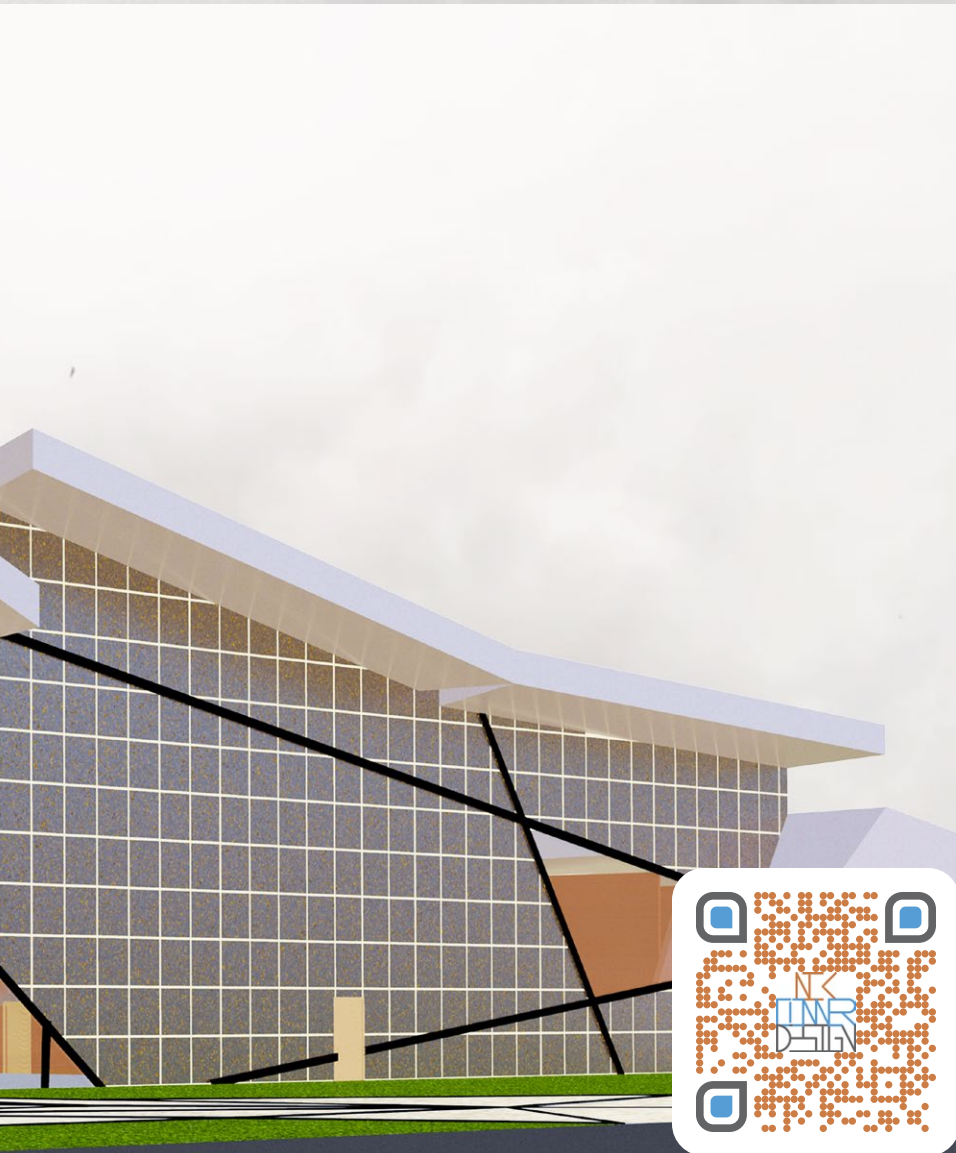
Project is a collaboration with Eve Miller



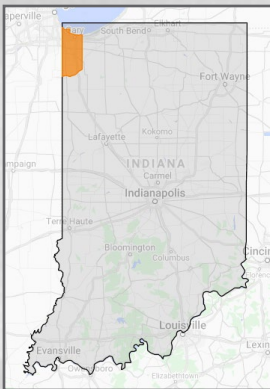
Front Entrance

Northwest Indiana is home to the shrinking environment of the National Lake Shore's sand dunes, wetlands, and forests—an ecosystem that once thrived throughout the area that is now Gary. As a result of introducing the steel mill, the unique ecosystems were drained and demolished.

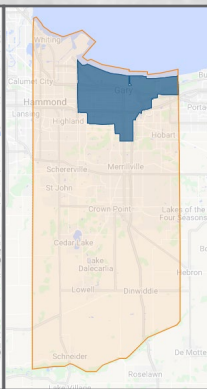
The construction of this transit station reintroduces those environments to Gary and promotes awareness of the area's rich environmental history. Sand-dune-inspired geometry restores a small part of Gary's once beautiful ecosystem with native trees and plants. This transit station provides efficient transportation for commuters, while the buildings and site also serve as a hub to educate locals and visitors.



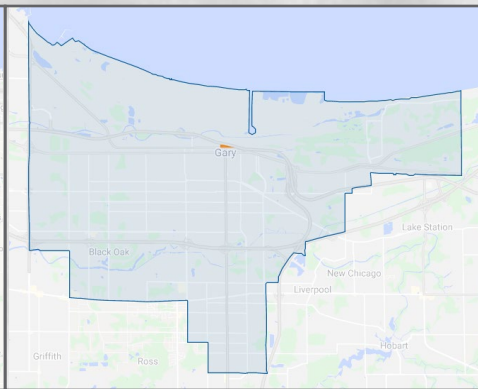
Scan to visit project webpage.



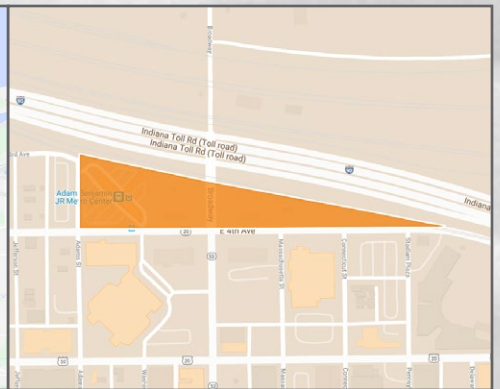
Indiana



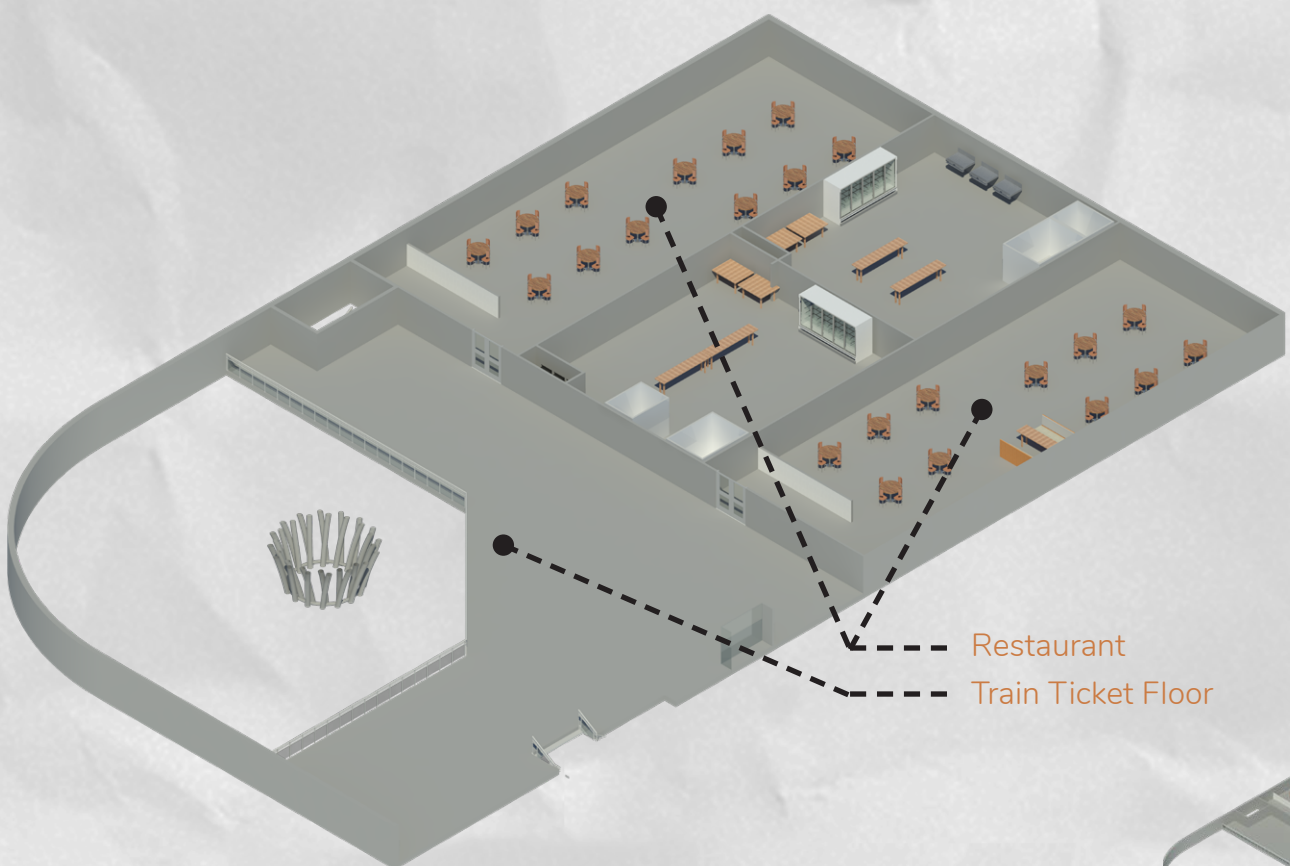
Lake County



Gary

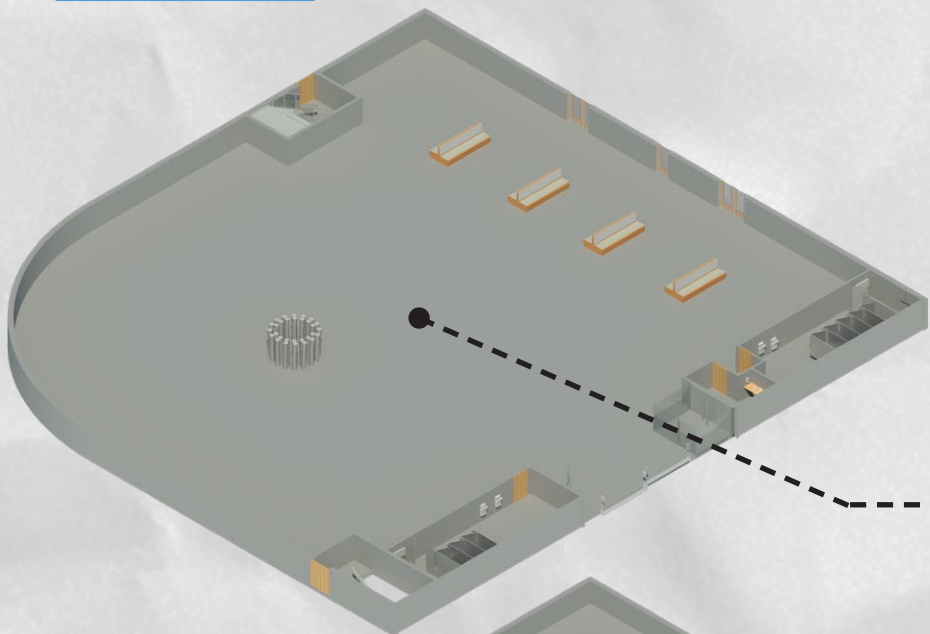


200 W 4th Avenue



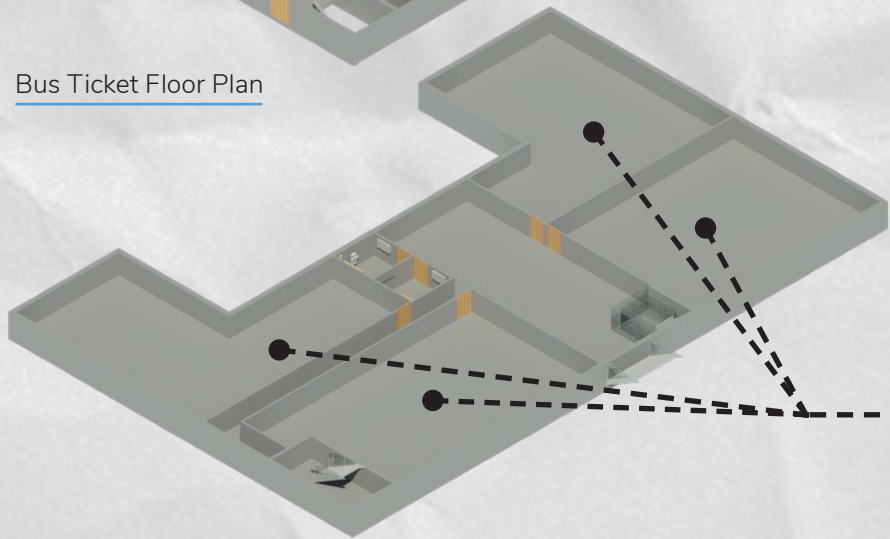
Restaurant
Train Ticket Floor

Train Ticket Floor Plan



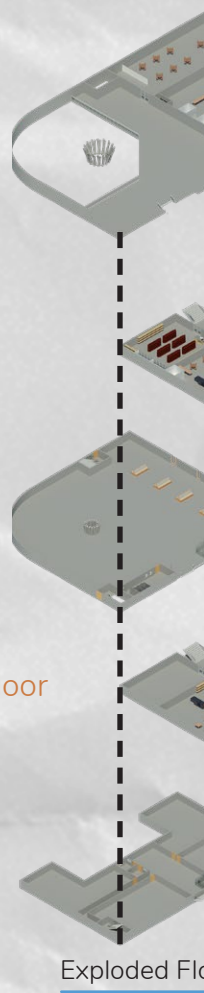
Bus Ticket Floor

Bus Ticket Floor Plan



Offices

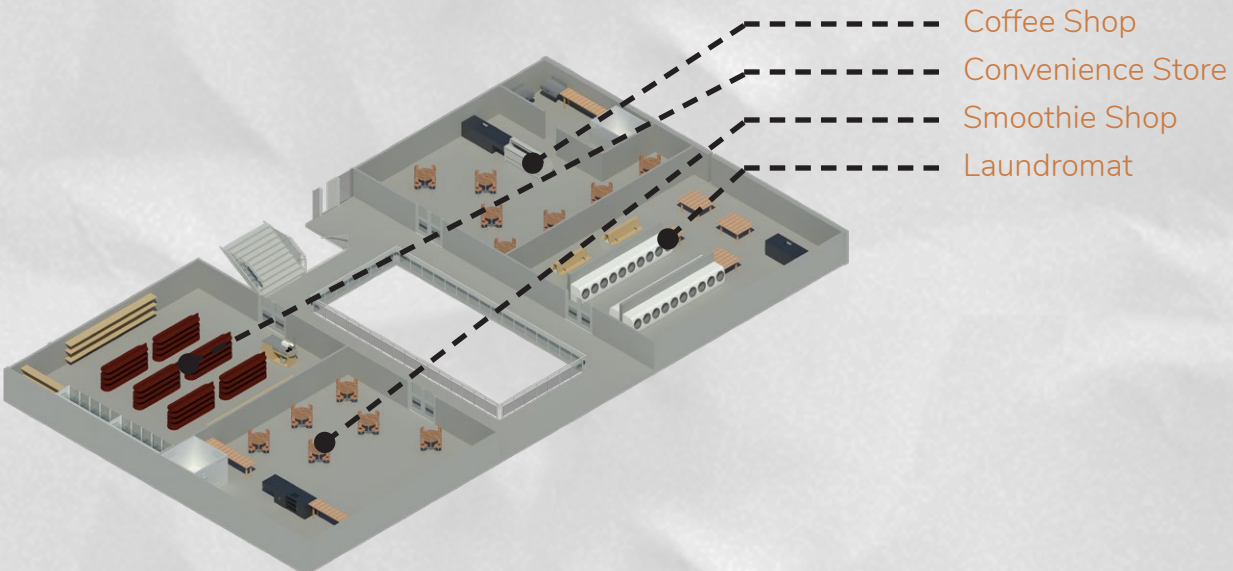
Office Floor Plan



Exploded Floor Plan

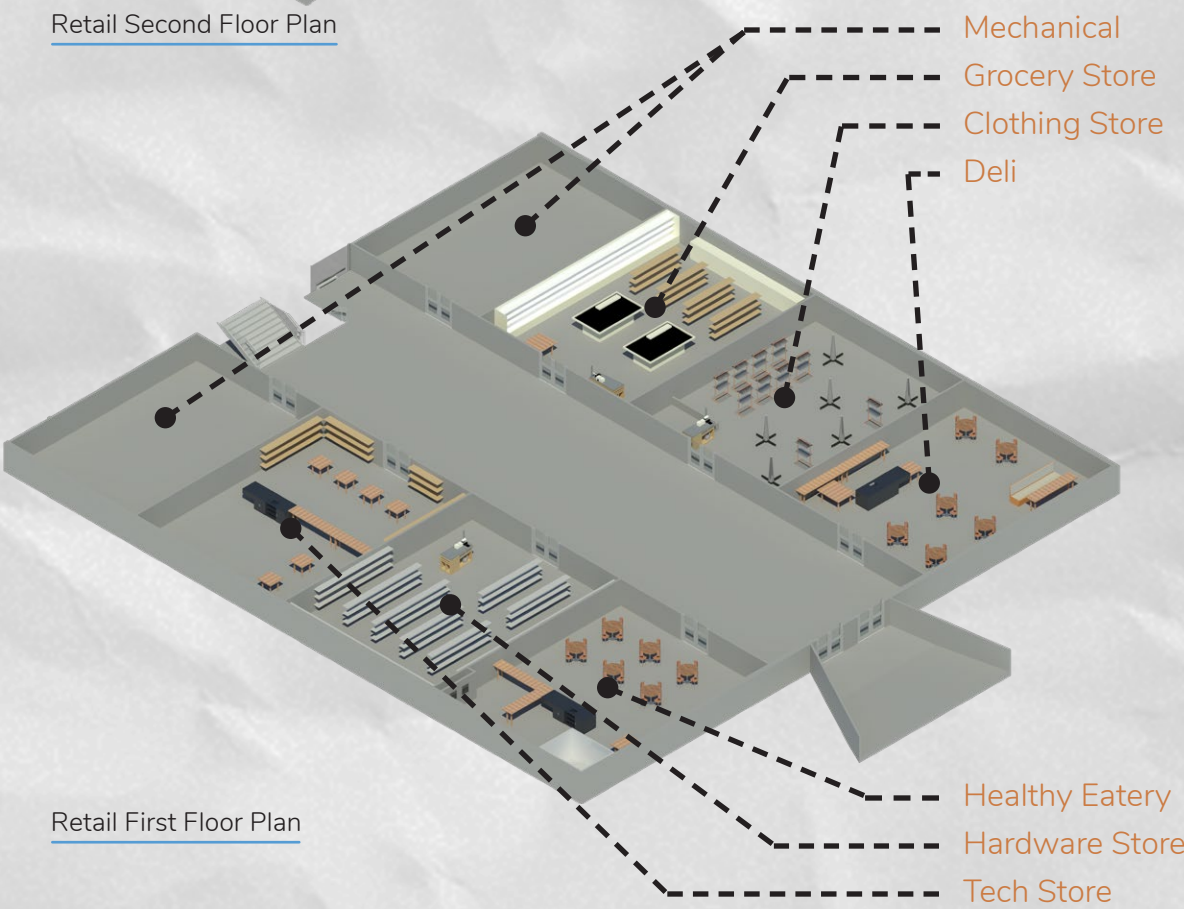


Floor Plan Diagram



Retail Second Floor Plan

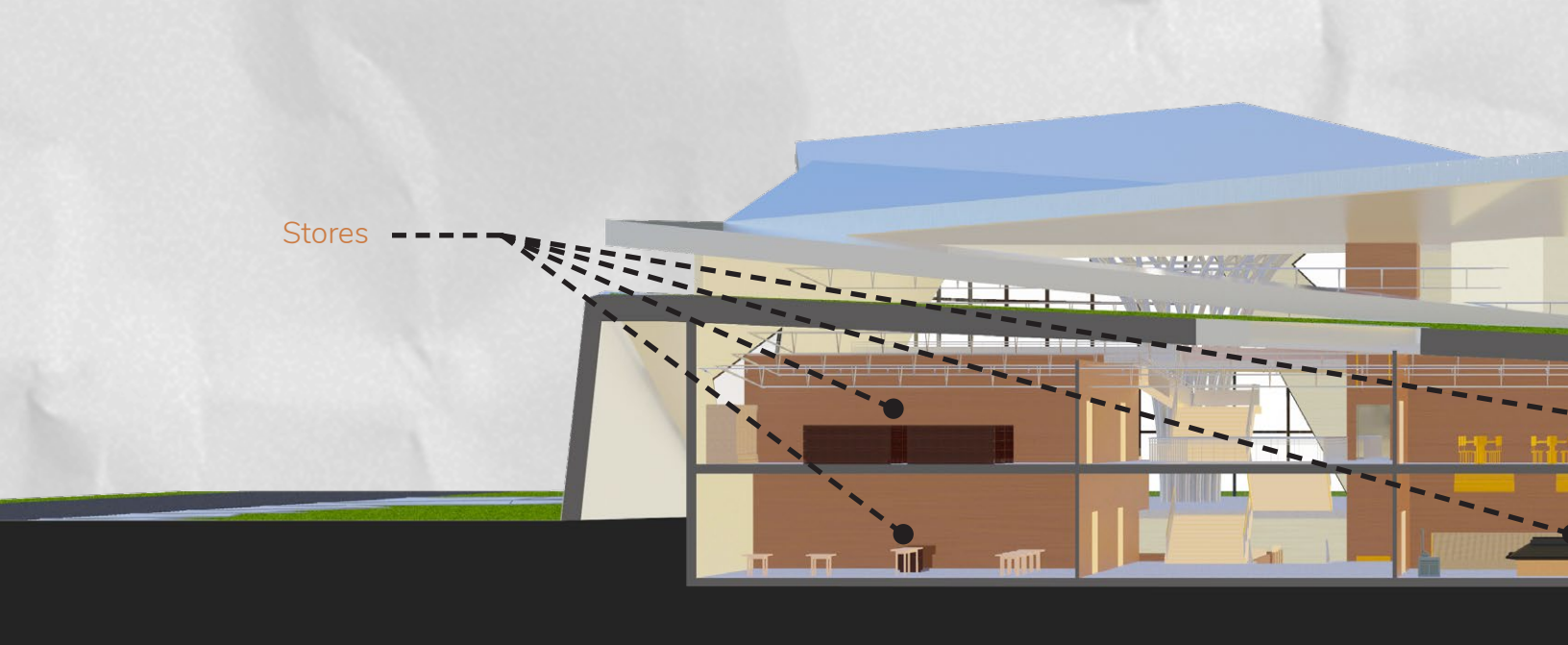
- Coffee Shop
- Convenience Store
- Smoothie Shop
- Laundromat



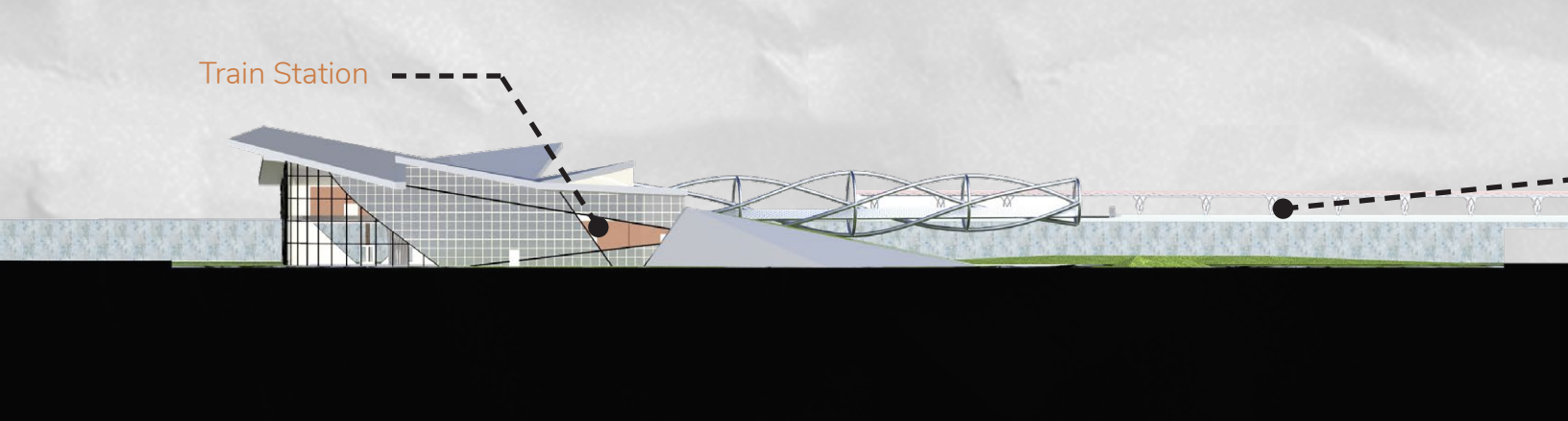
Retail First Floor Plan

- Mechanical
- Grocery Store
- Clothing Store
- Deli

- Healthy Eatery
- Hardware Store
- Tech Store



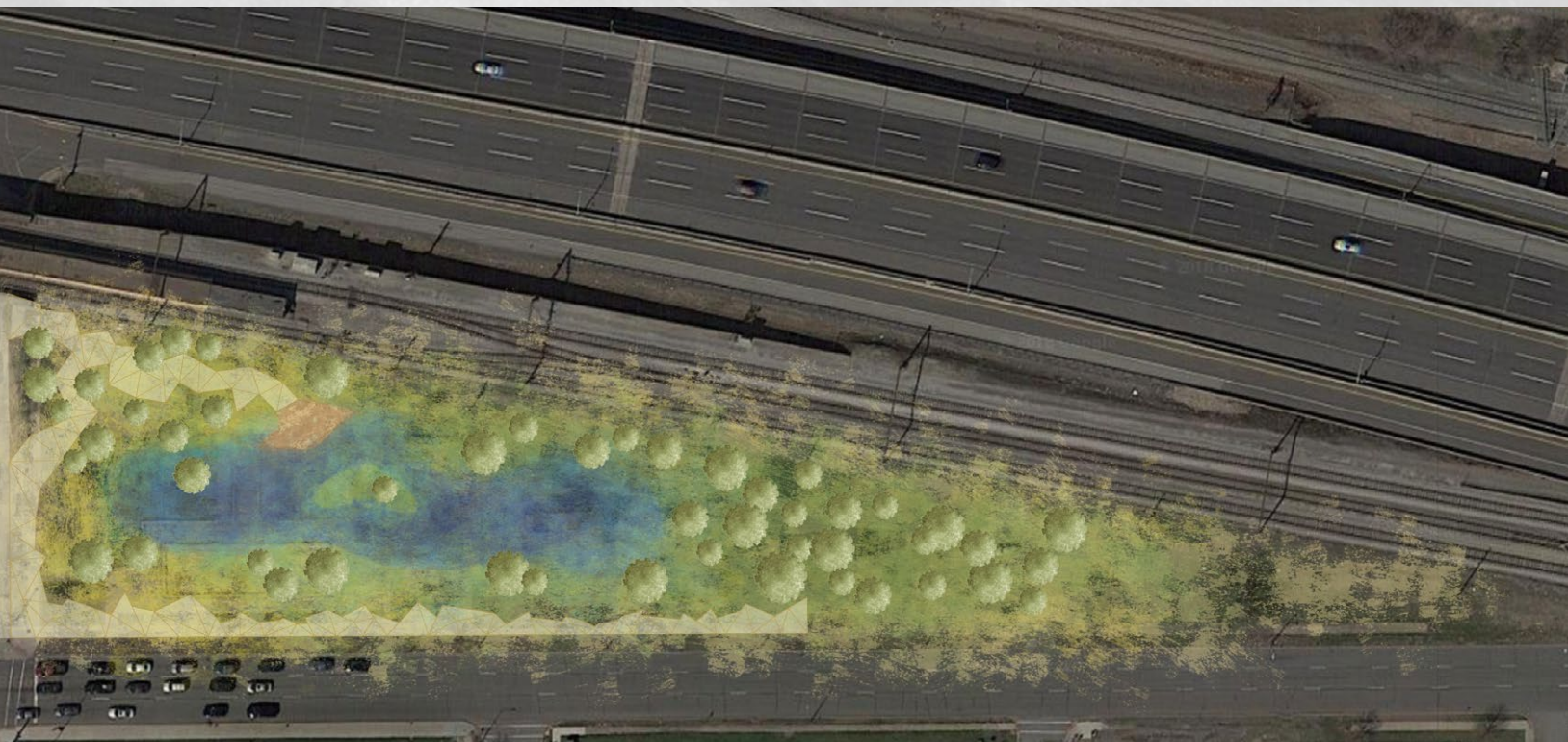
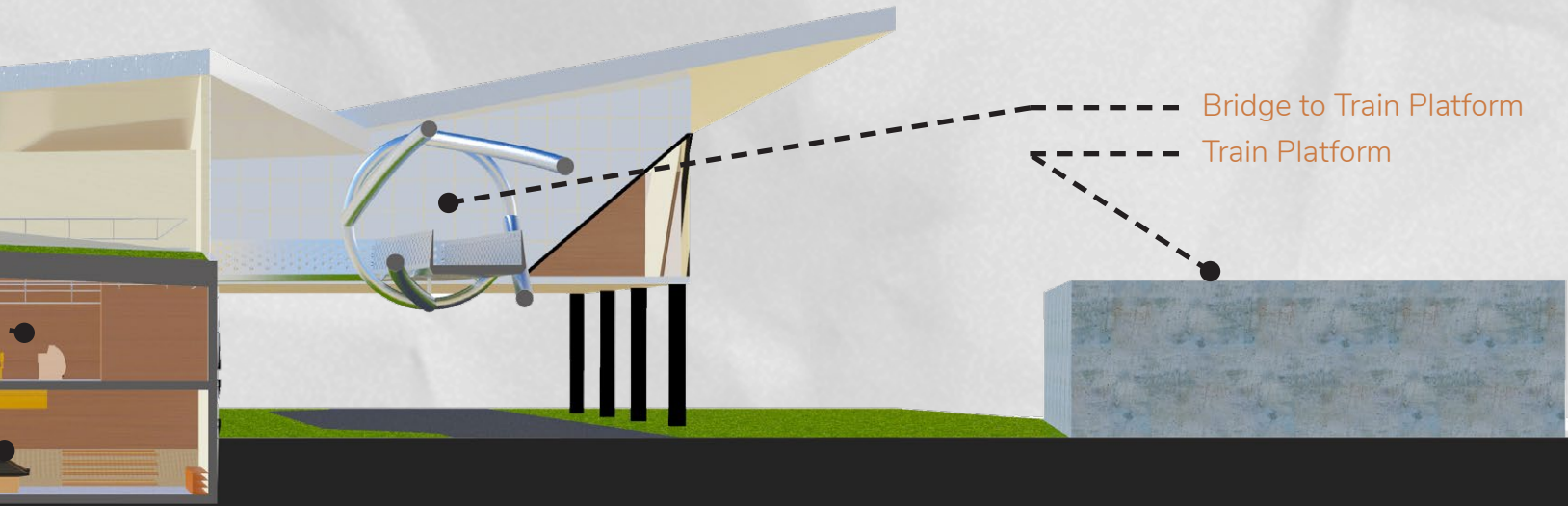
North-South Section

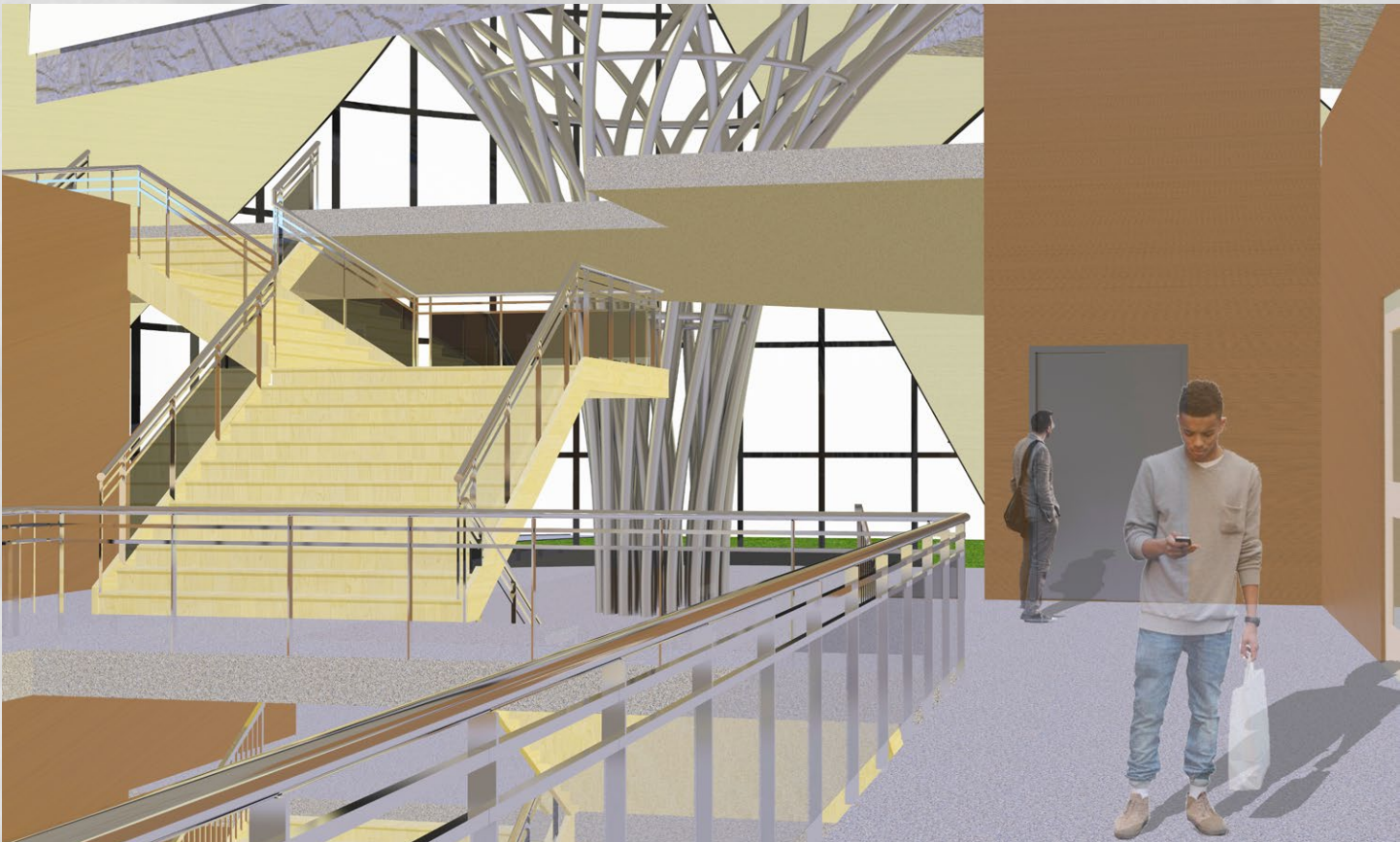


South Elevation

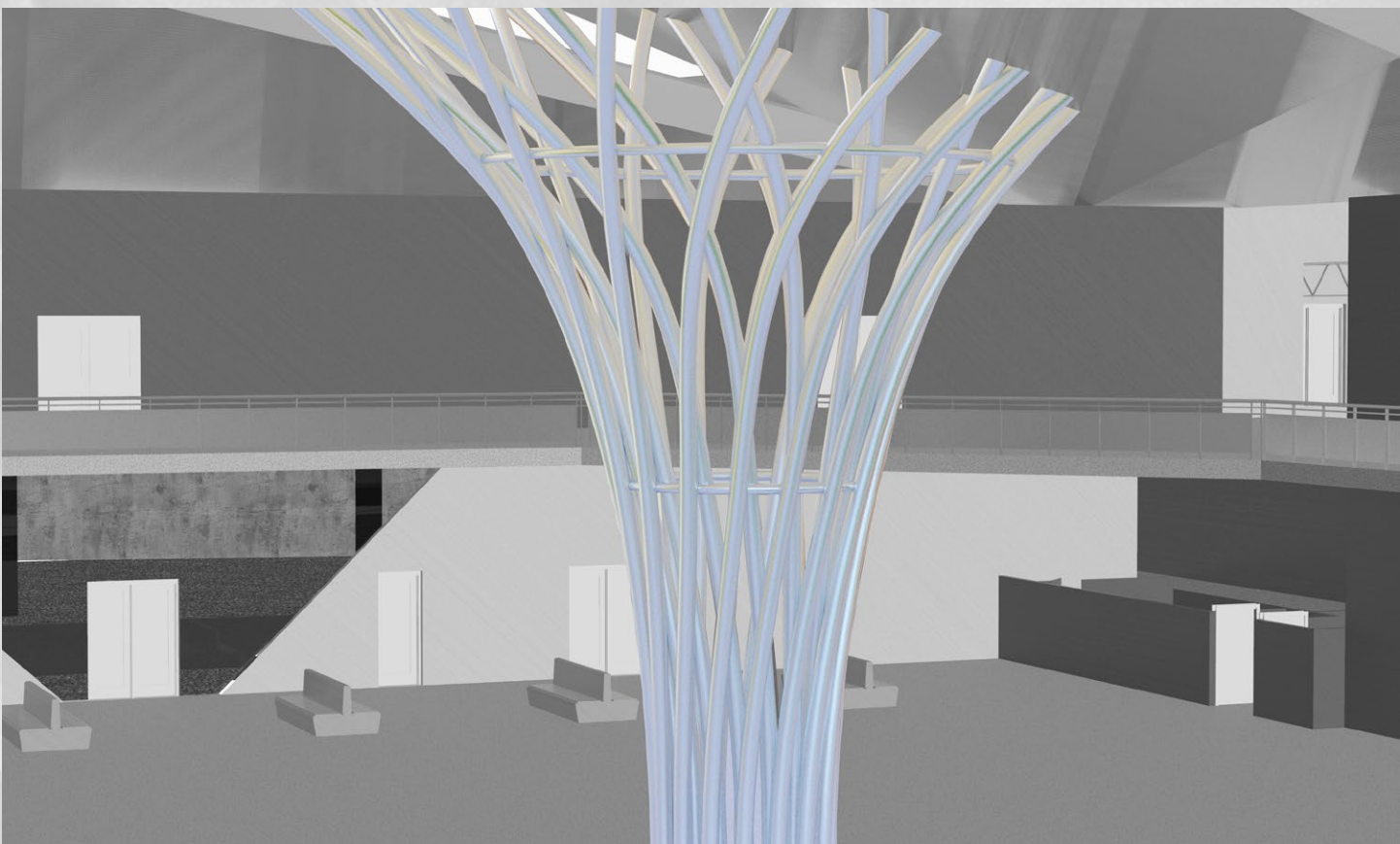


Site Plan

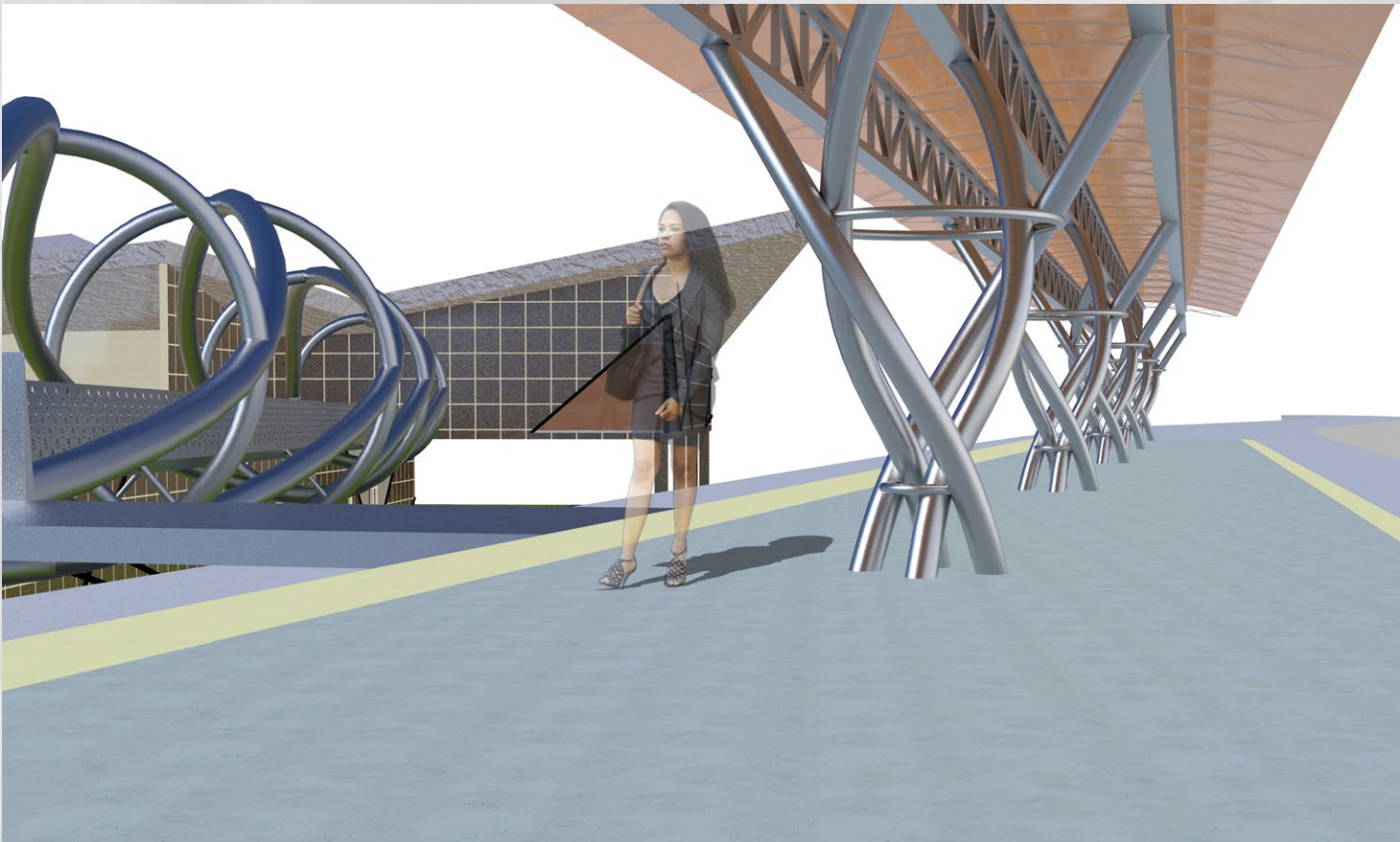




Interior View



Structure View



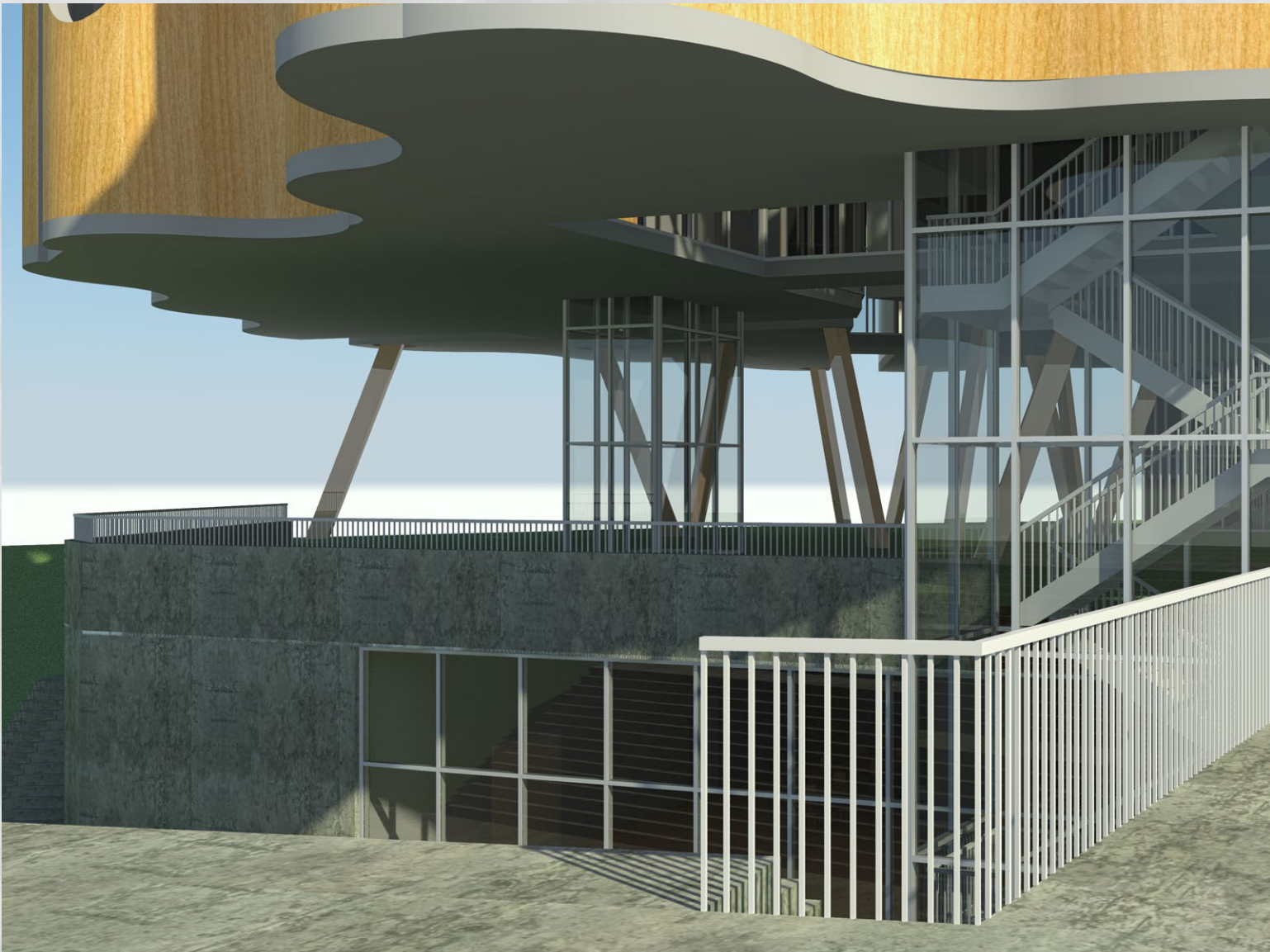
Platform View



Green Roof View

Columbus Art Museum

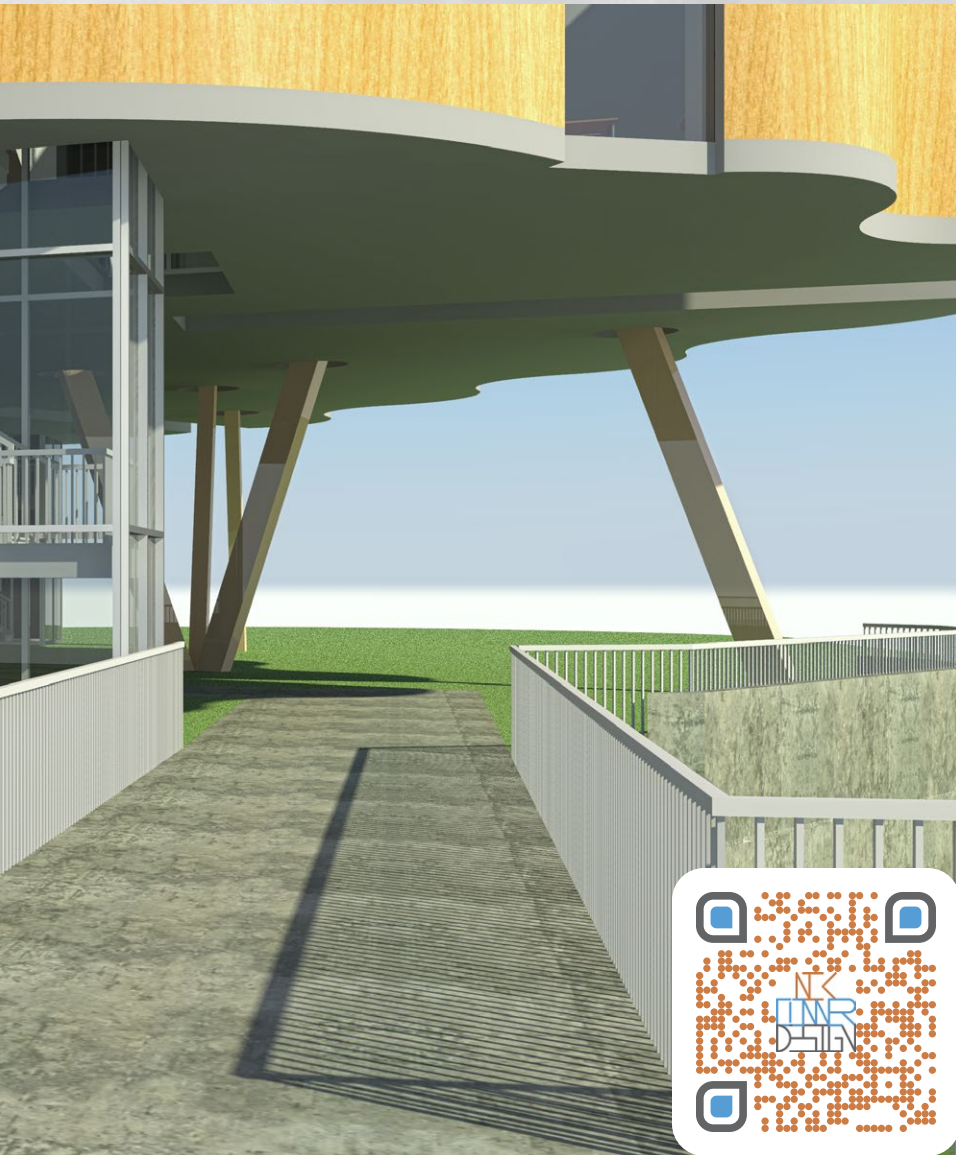
Project completed for 2nd year design studio competition



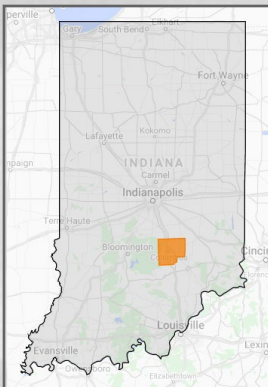
Front Entrance

This art museum was designed with three levels in mind. The Lower Level is poised as the public interior floor with a cafe, shop, and an event space. It is the entrance to the Upper Floor which is more private since it is only accessible to patrons paying to see the museum. Above the Lower Level is the exterior Ground Floor Level which is an exterior park-like area for use as an exterior event space or a place to relax and have a picnic.

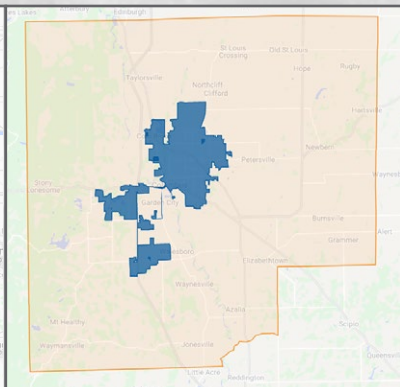
The overall design language of the Lower Level is more utilitarian representing the essential functions it provides while the Upper Level has a curvilinear design language differentiating it from the other two levels as the museum level and making it an art piece itself in the city of Columbus.



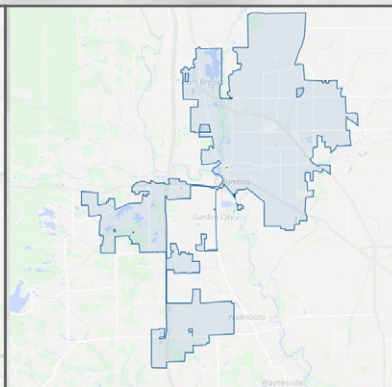
Scan to visit project webpage.



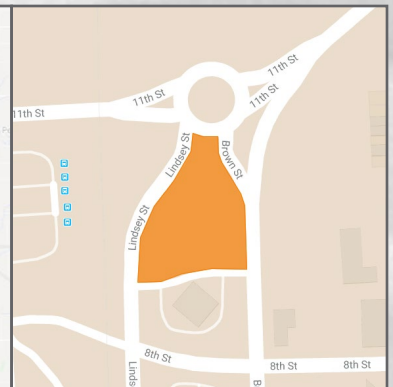
Indiana



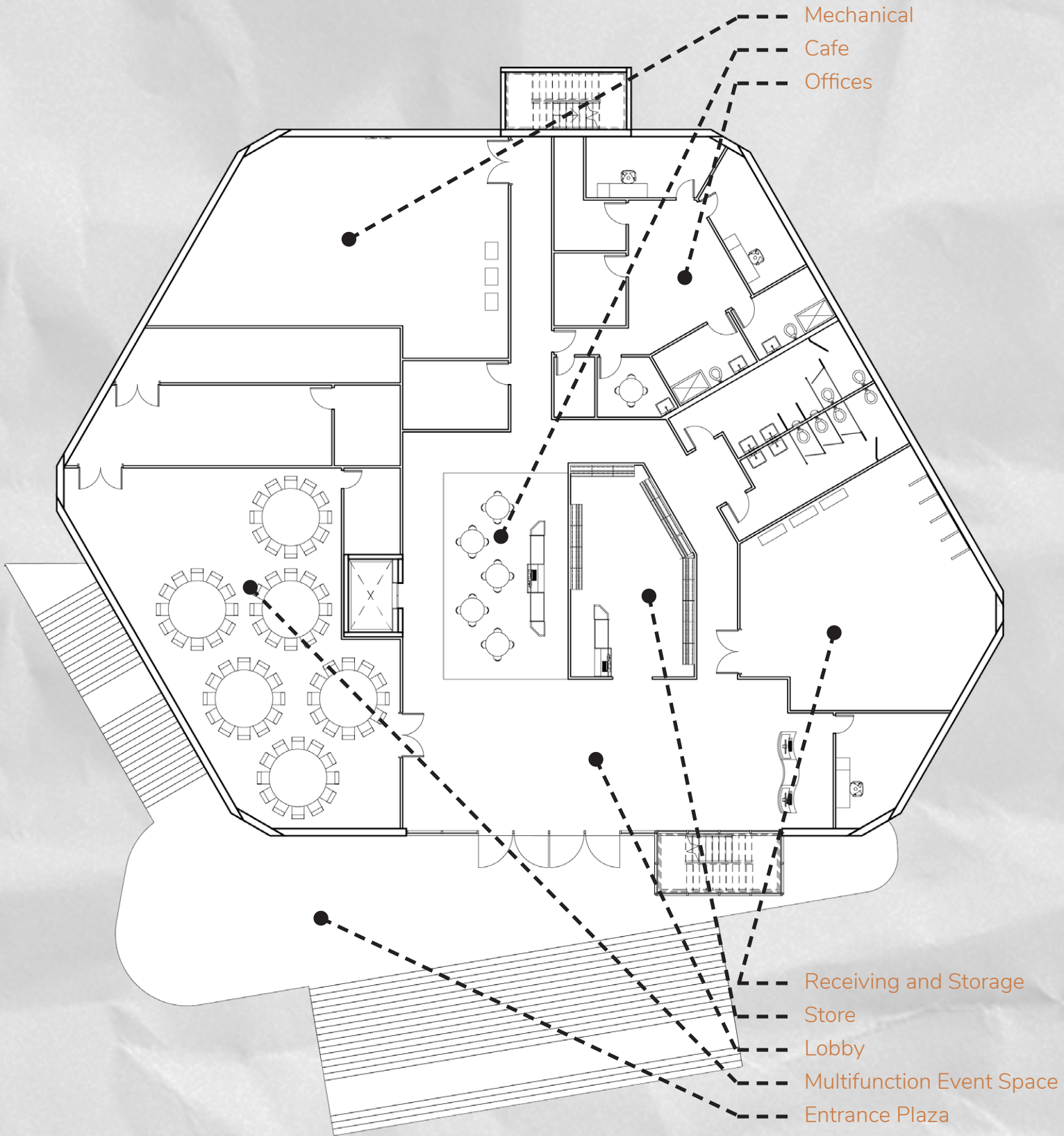
Bartholomew County



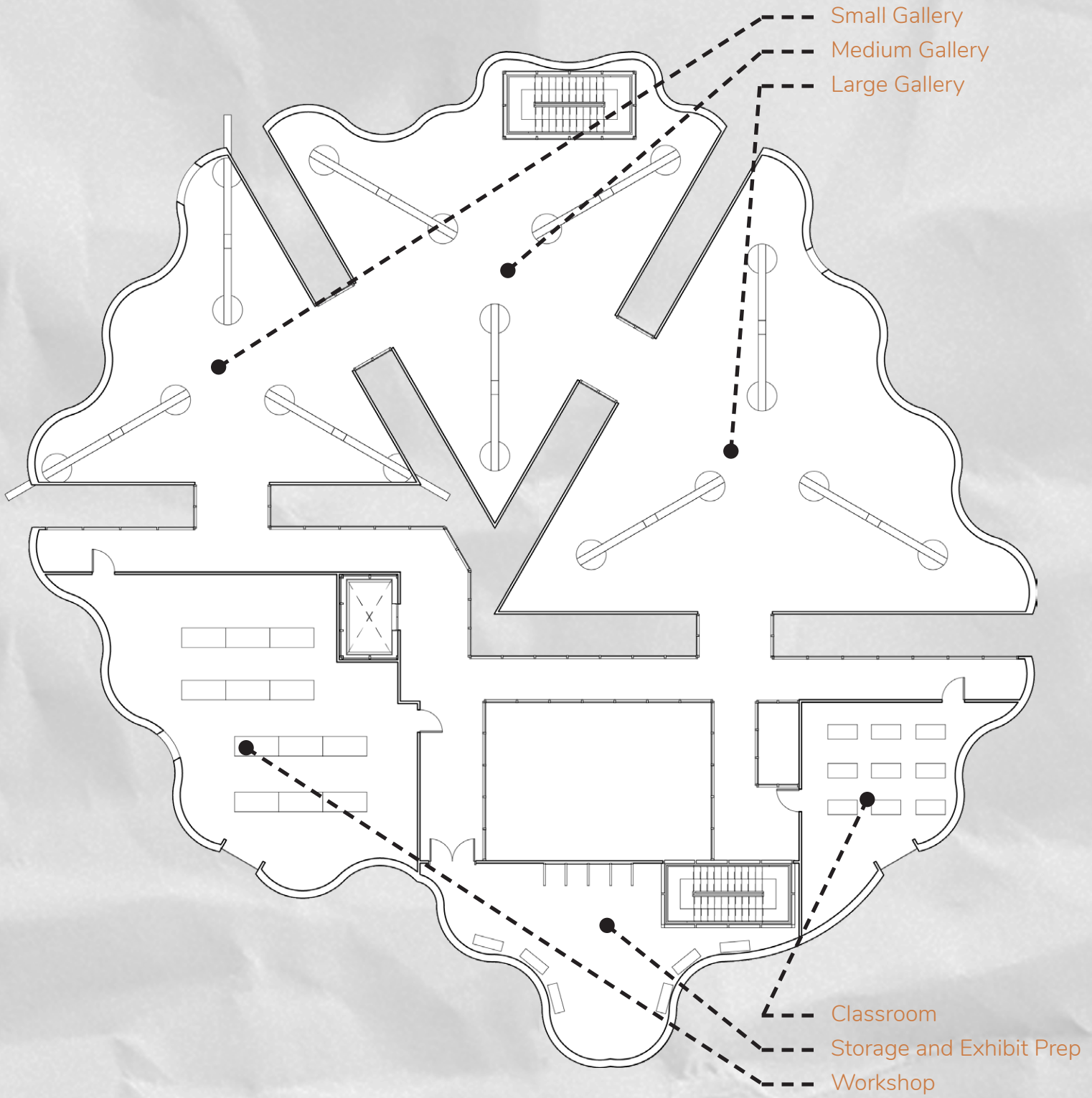
Columbus



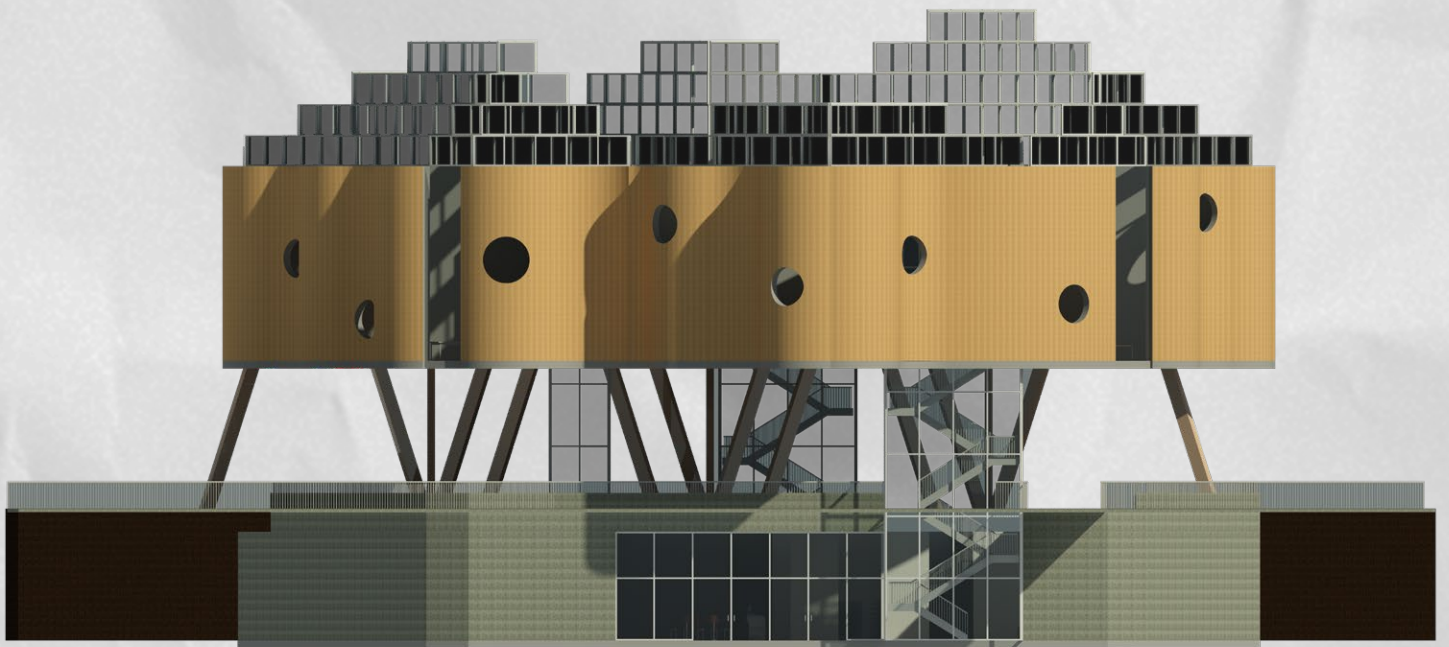
800 Lindsey Street



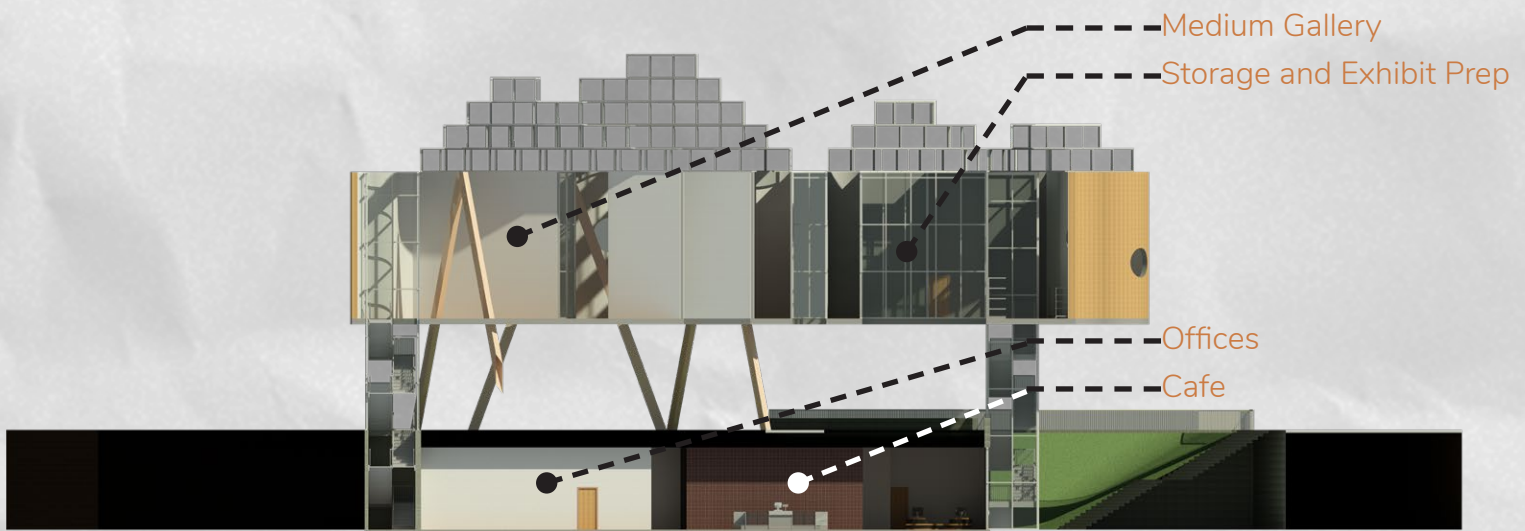
First Floor Plan



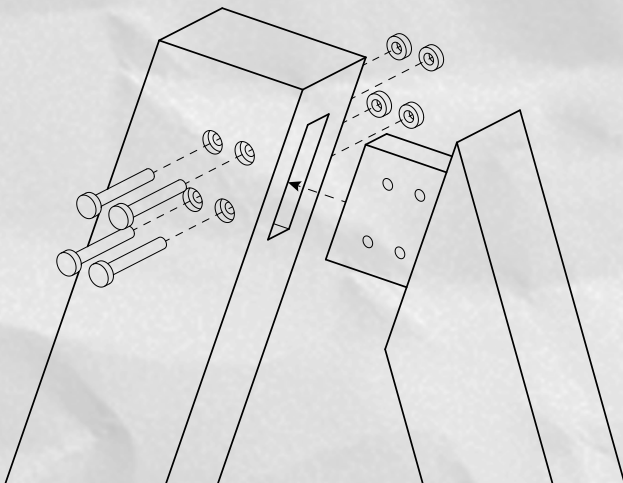
Second Floor Plan



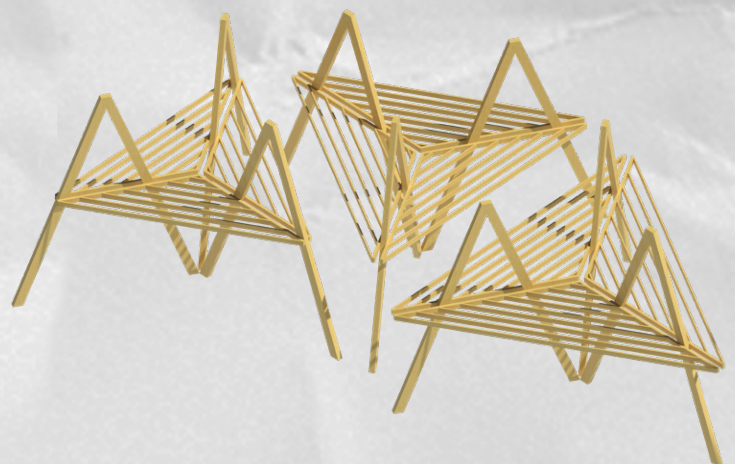
South Elevation



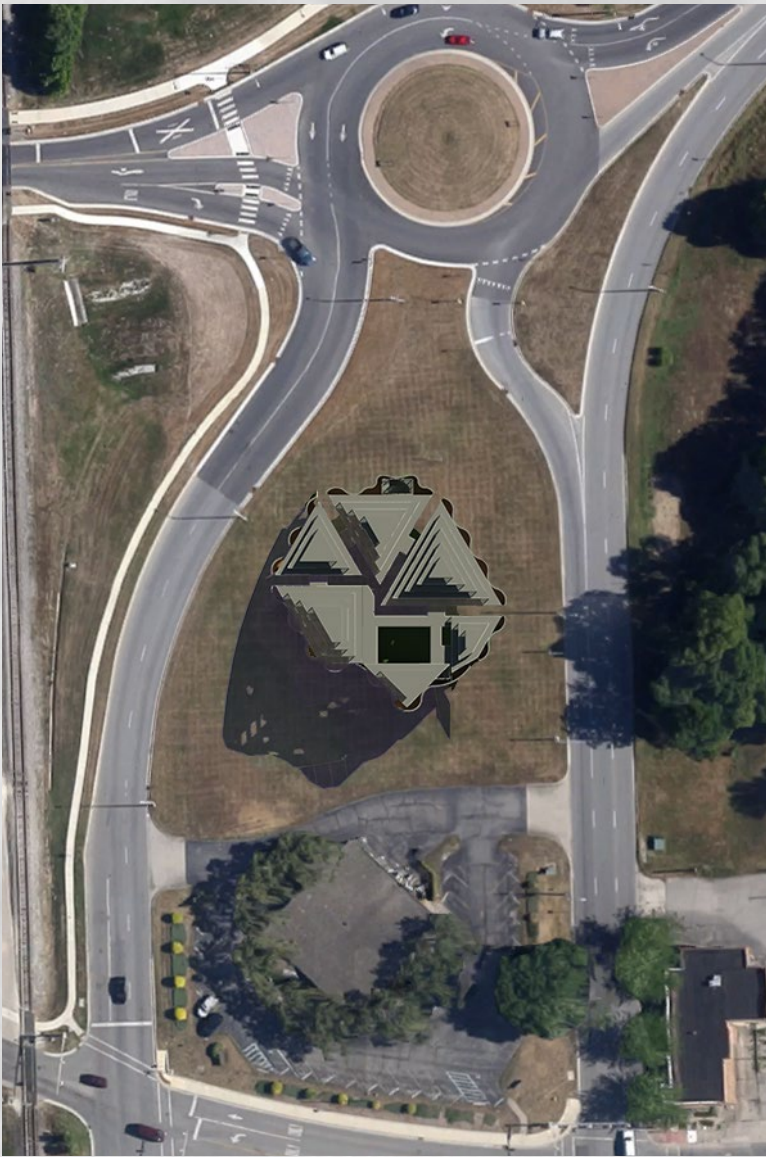
North-South Section



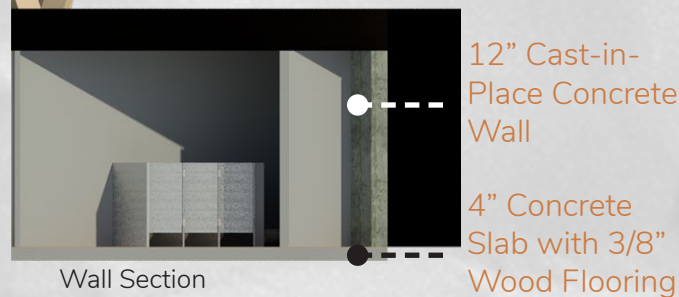
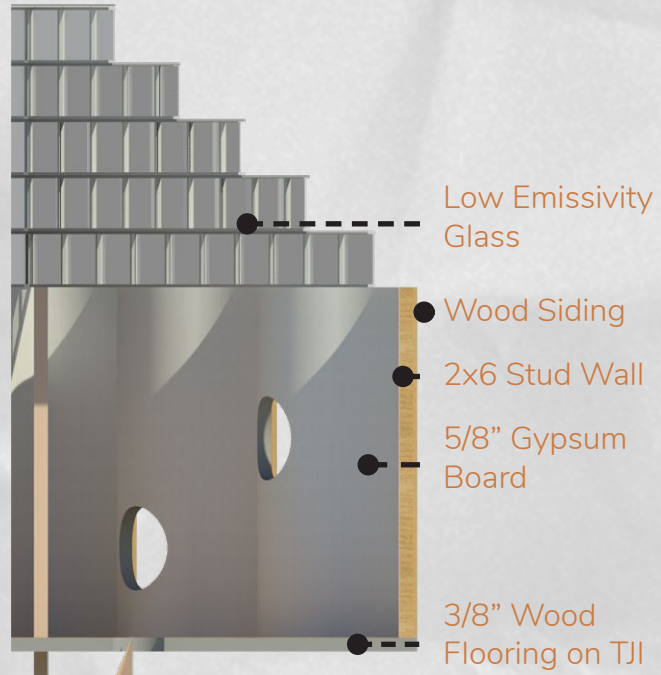
Structure Connection Detail



Structure



Site Context Map



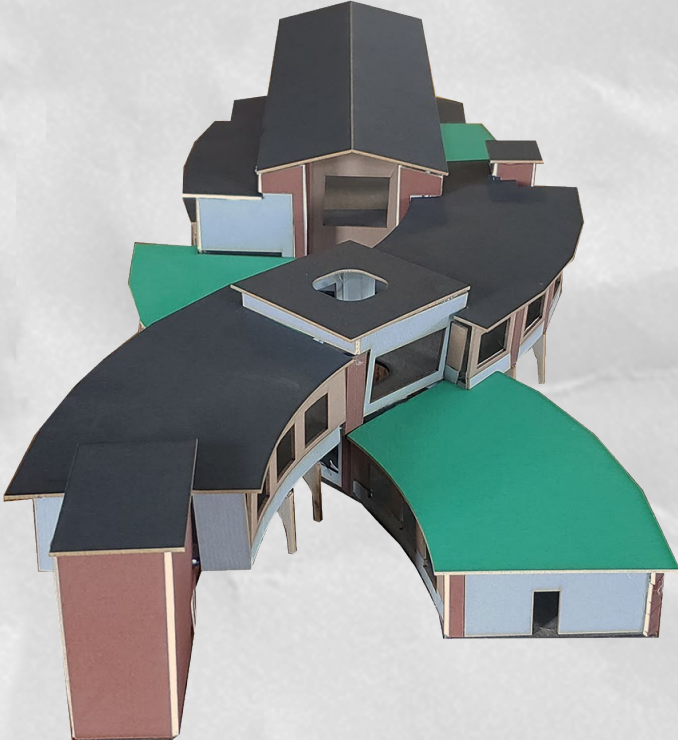
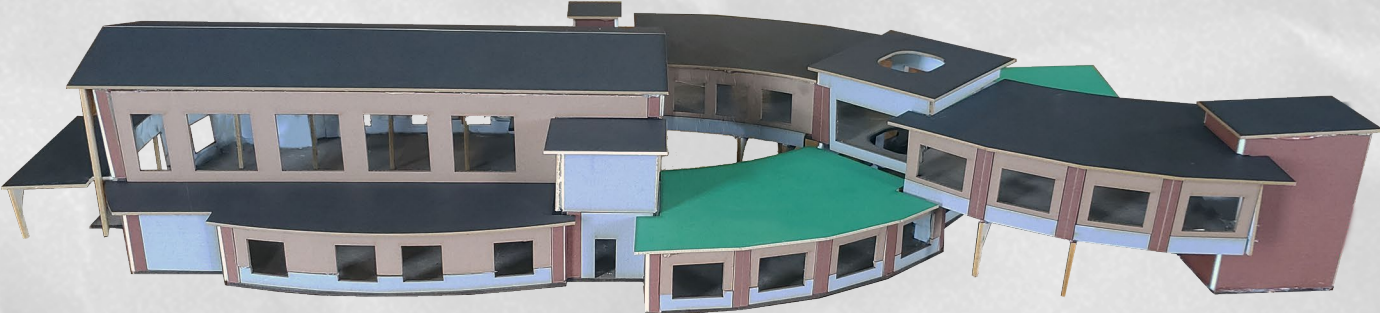
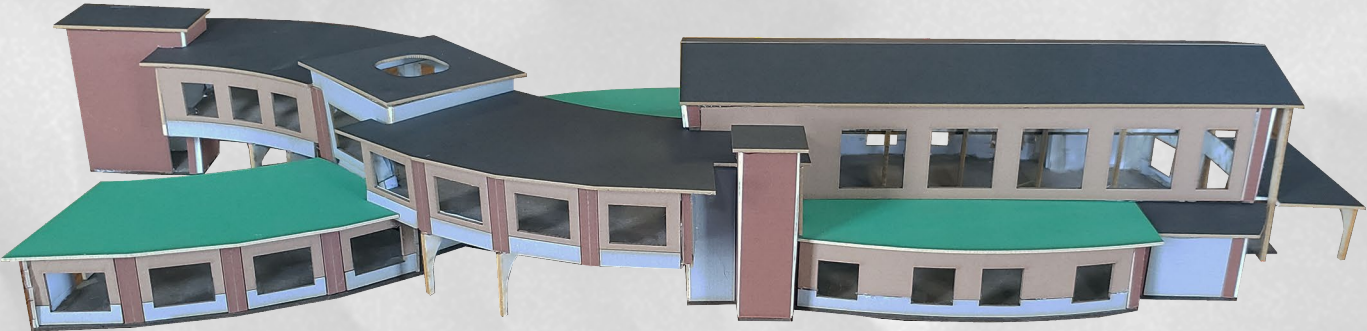
Wall Section



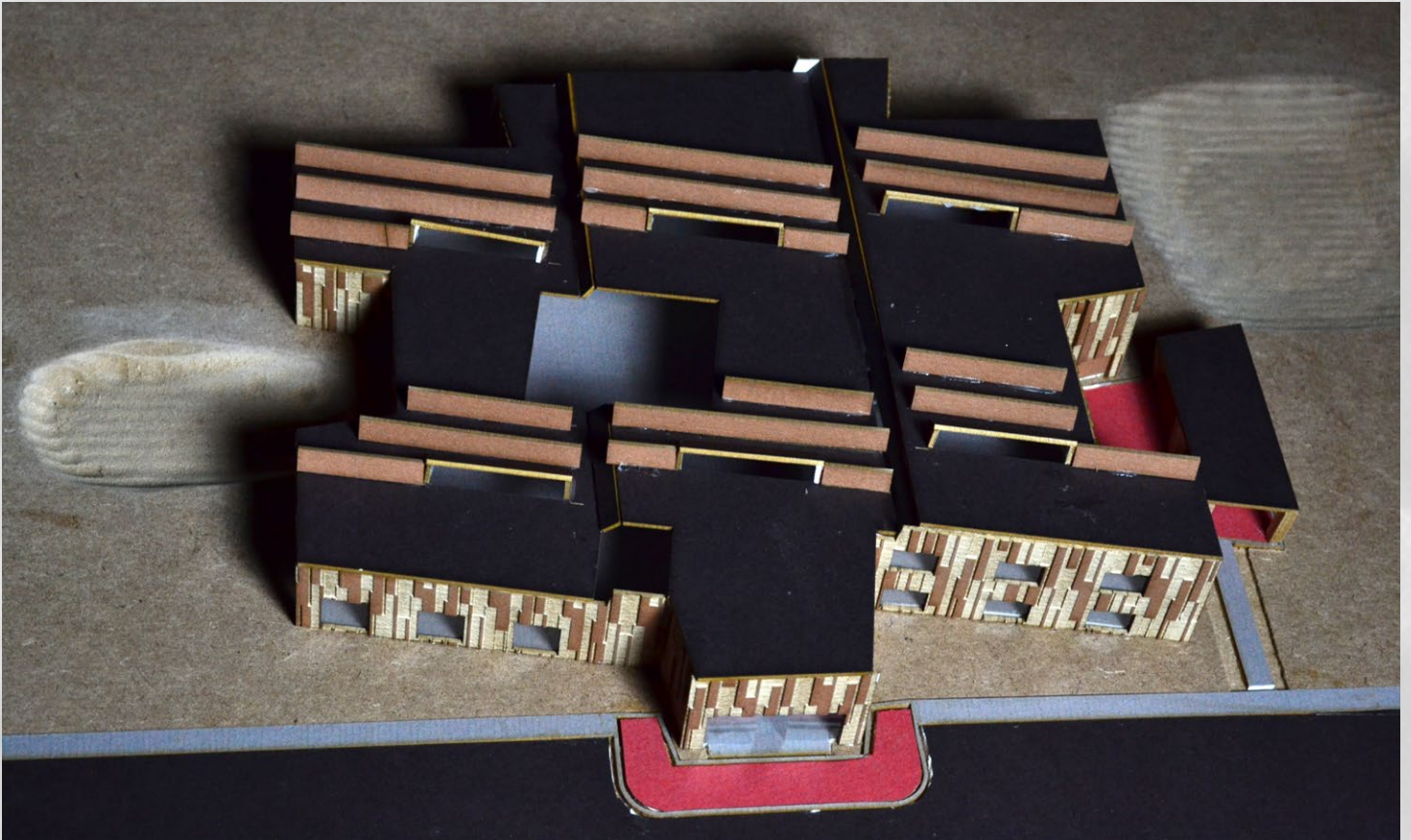
Interior Perspective

Project Models

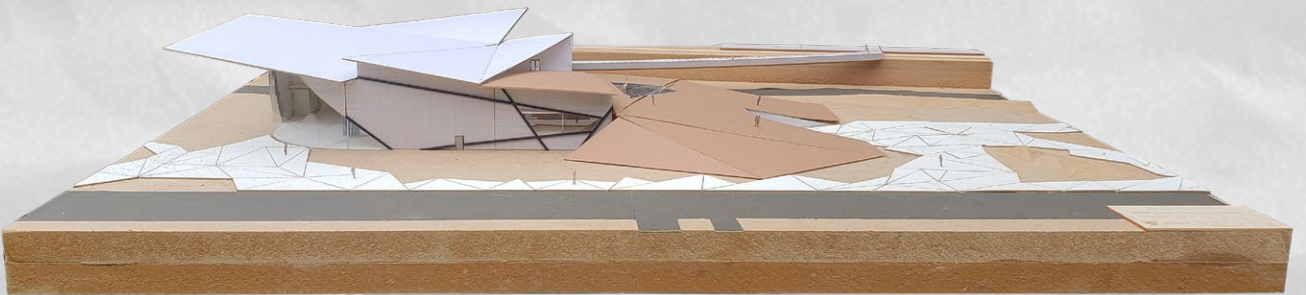
Pediatric Doctor's Office



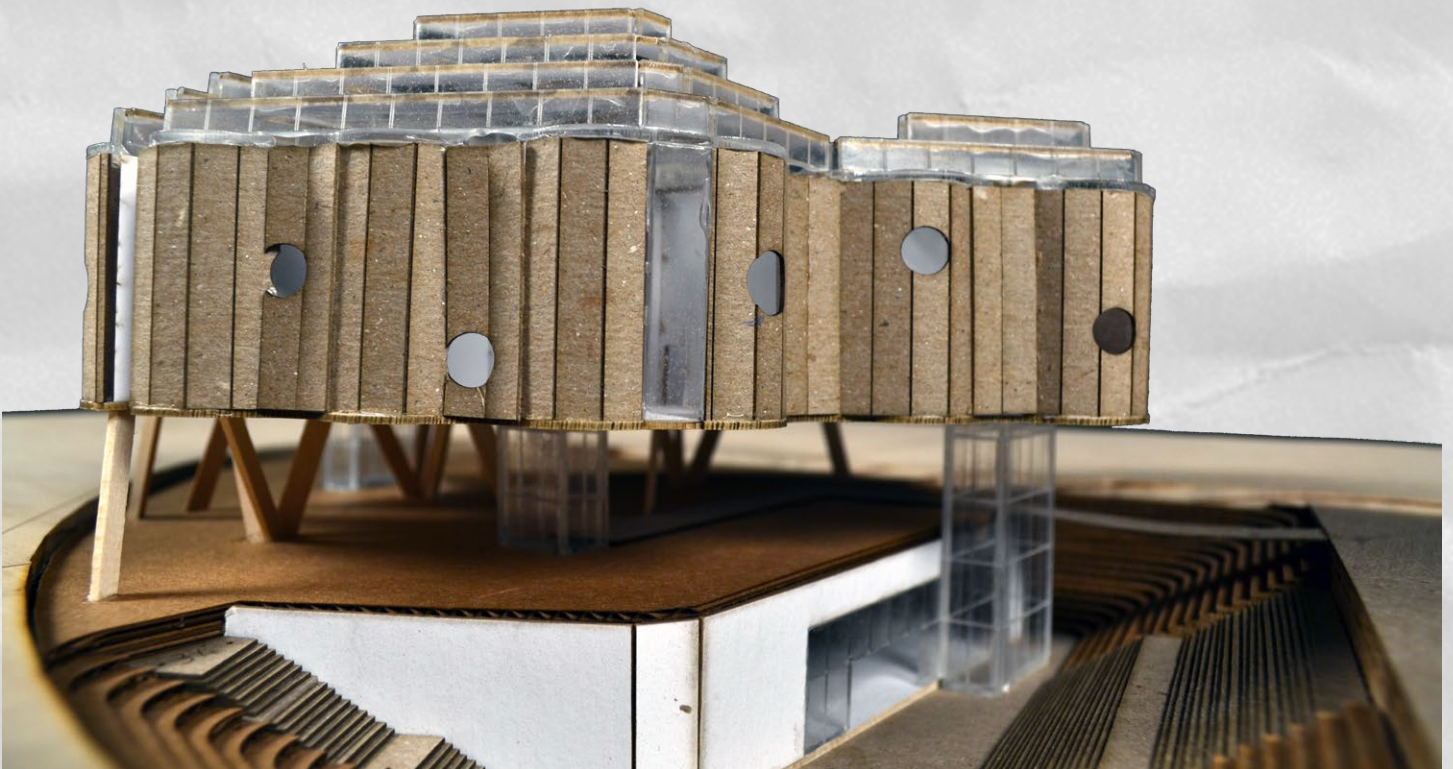
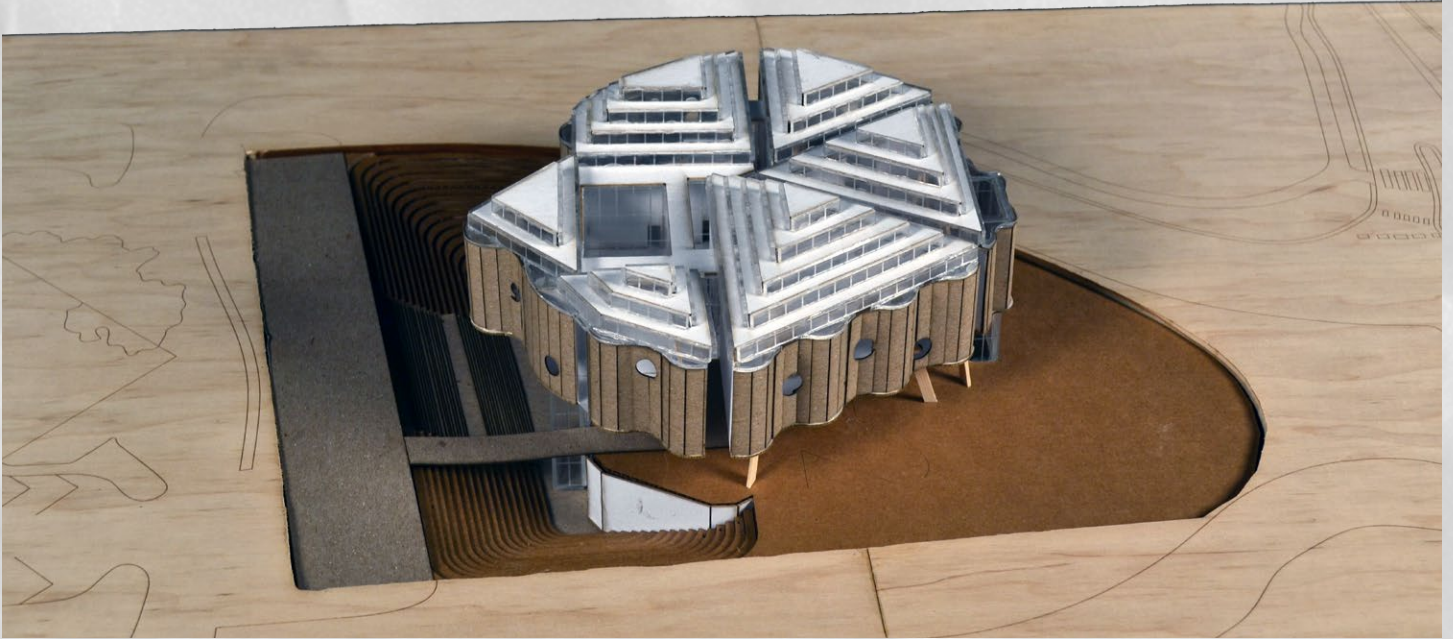
Chicago Stockyards Business Incubator



Gary Train Station



Columbus Art Museum

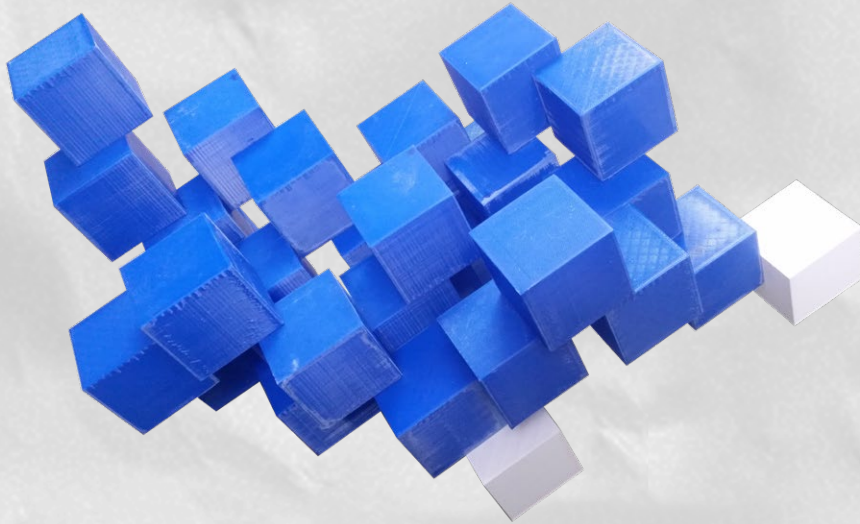


Miscellaneous Projects

Balance Amongst, Against

Project completed for 3rd year structures class

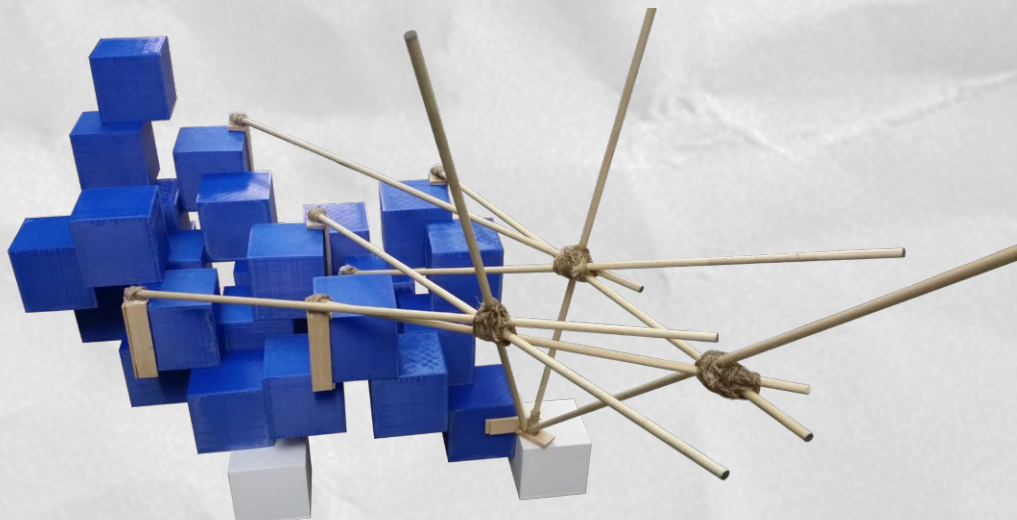
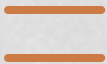
Project is a collaboration with Eve Miller and Simon Platt



Unbalanced Block Model

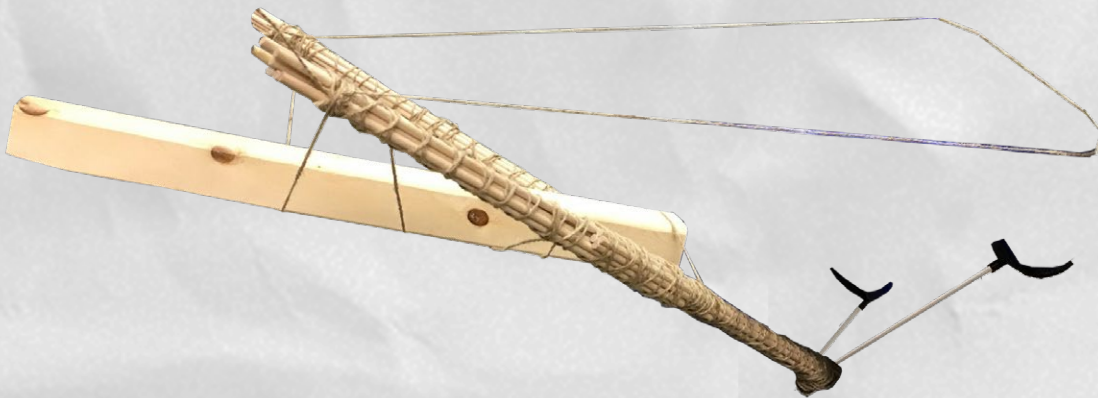


Balancing Structure

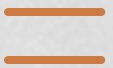
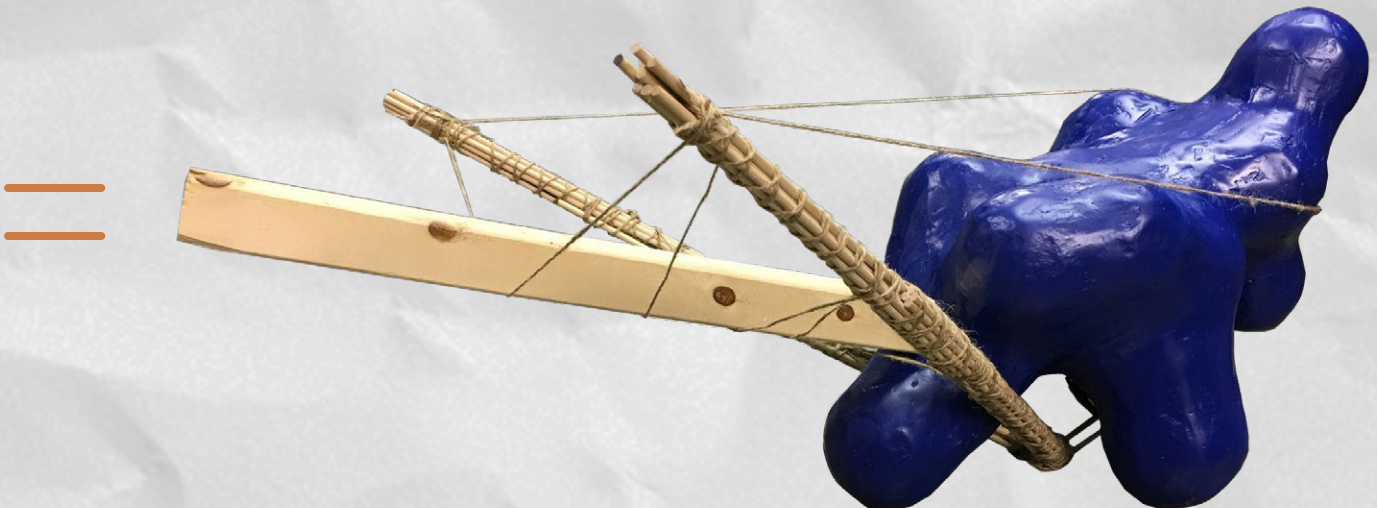




Unbalanced Bubble Model



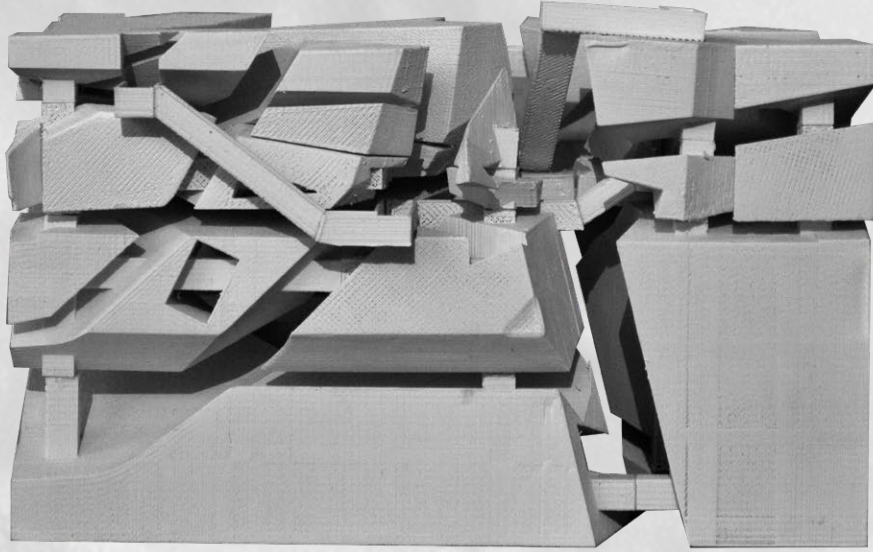
Balancing Structure



Balanced Bubble Model

Boolean Operations

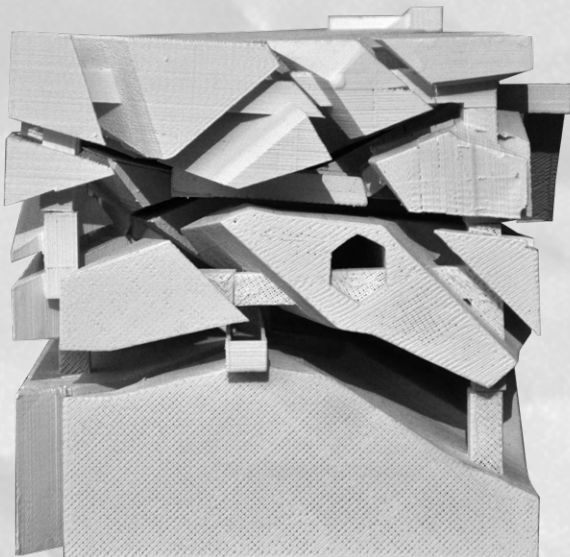
Project completed for 3rd year design studio



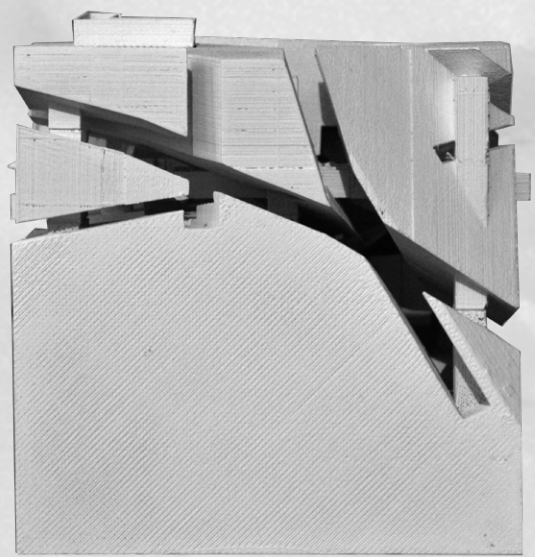
Model Front



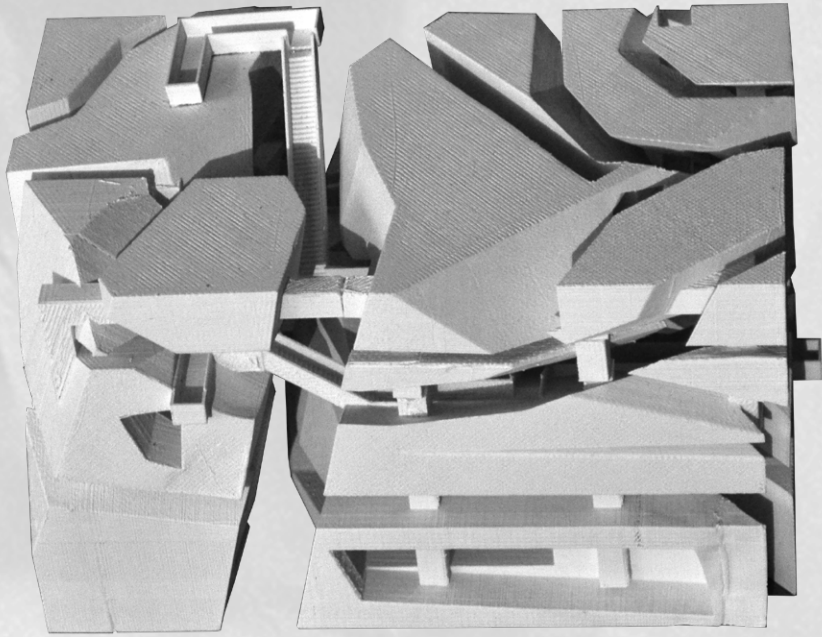
Model Back



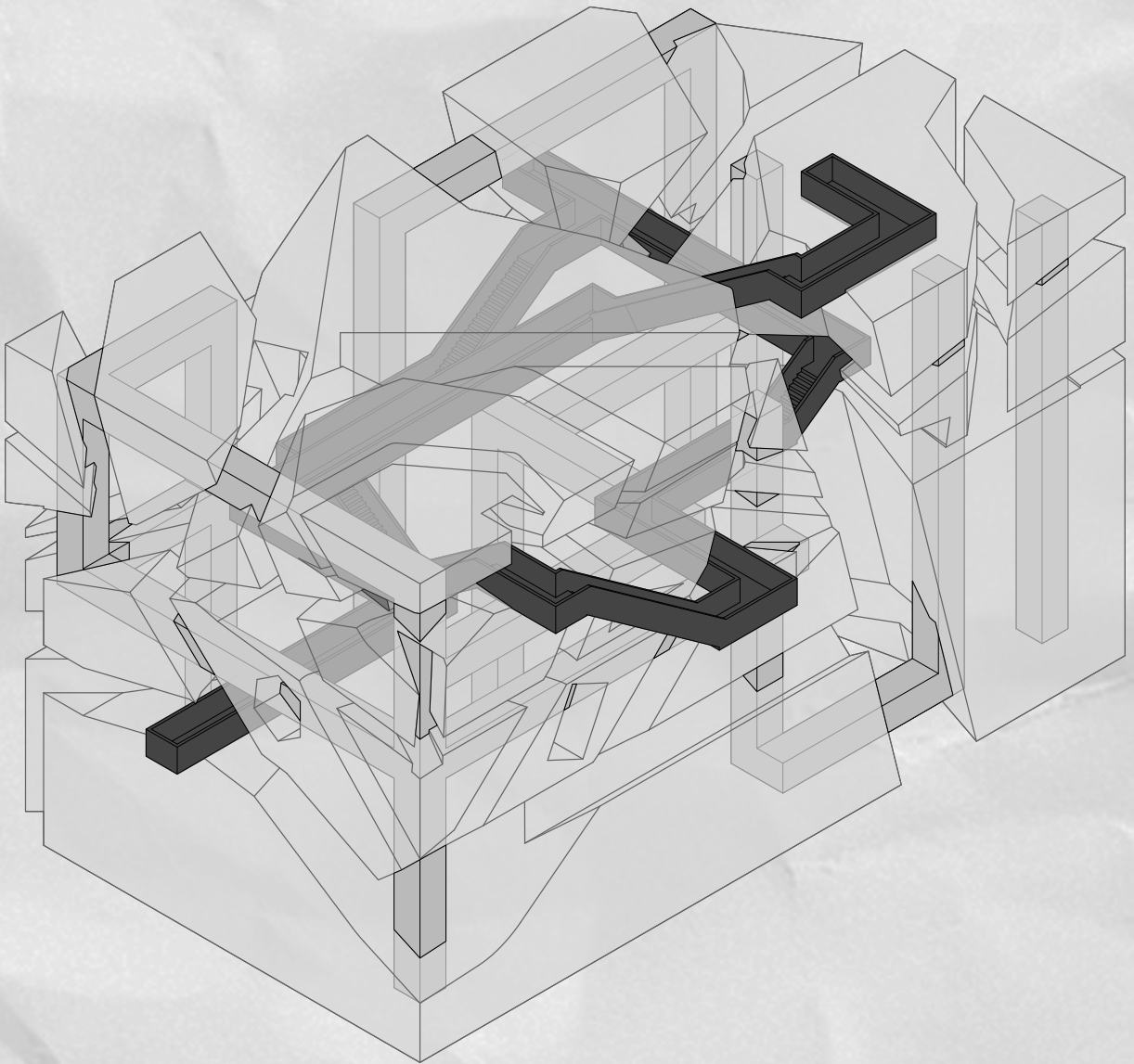
Model Left



Model Right



Model Perspective



Axonometric Drawing

Blown Glass Vessels

Project completed for 5th year introduction to glass class



Glass Cup



Glass Vase



Glass Dish



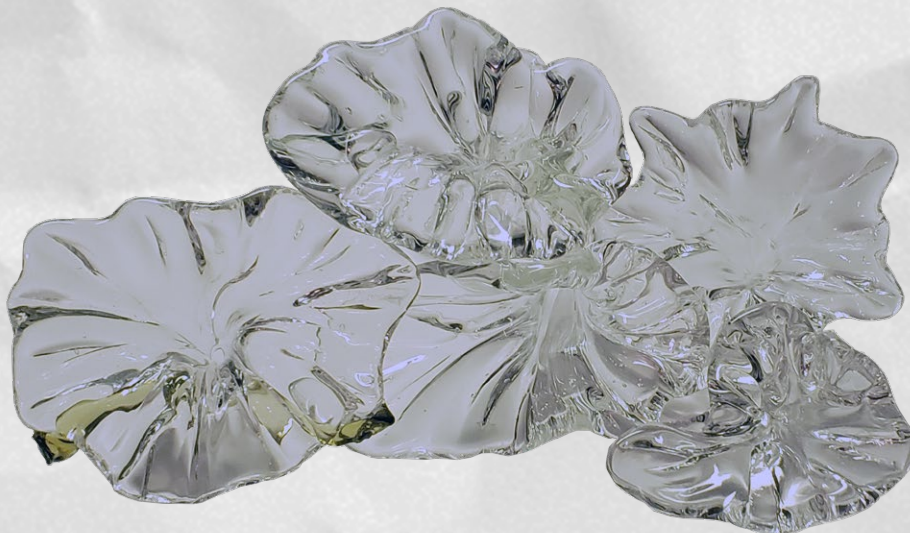
Glass Bottle



Glass Vase



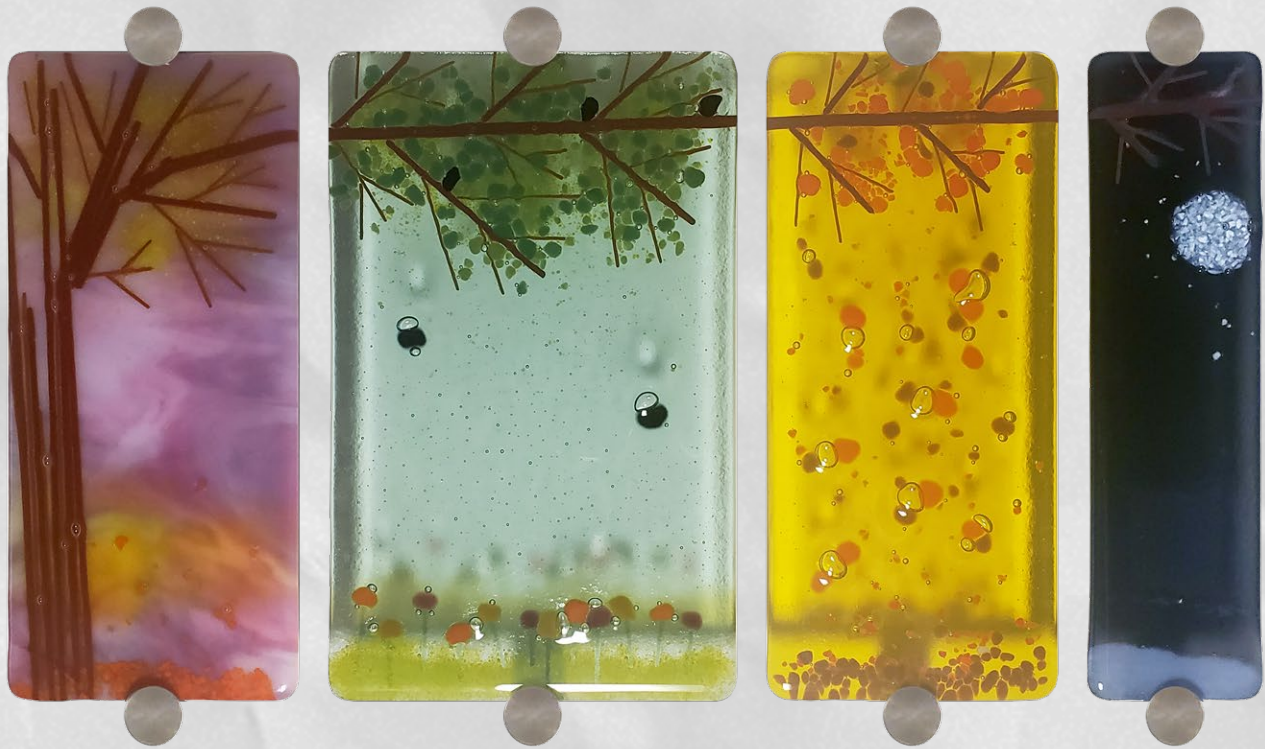
Glass Bowl



Glass Flowers

Flat Glass Triptych Panels

Project completed for 5th year introduction to glass class



When designing the pattern panels, the overall motif chosen is the four seasons. A few different design elements of the panels represent this idea in different ways. The first and most obvious element is the fact that each panel has its own distinct color. This element actually plays into the idea of a year being represented by a day and the sun pattern of that day. Spring is the first panel with the shades of pink which represent the sun just peeking over the horizon to start a new day and all the colors it brings with it. Summer is the light blue color recalling the idea of a clear summer sky at noon. Fall is a deep yellow color which is akin to that of the sun casting it's final light as it tucks away behind the horizon. As the sun sets it gives way to the blackness of night representing Winter on the final panel.

The second element representative of the seasons is the size of the panels themselves. The width of each one is indicative of the overall length of days during that season. The Spring and Fall panels share the same width representing roughly the same amount of sun time during those two seasons. The Summer panel is the widest since the days are longest during this time of the year. And of course, the Winter panel is the shortest since it has the shortest days of the year.

The third and final element which is actually the main imagery on each panel is a literal representation of the seasons as demonstrated by a deciduous tree. On the left panel representing Spring, the leaves are small and light green to show the new life started during this time of the year. The next panel shows a branch extending across with large areas of darker green representing leaves that are maturing on the tree at this time of the year. It also has flowers in full bloom at the bottom and birds on the tree and in the sky. Panel 3 representing Fall continues that branch across it this time with yellow and orange leaves for the changing of the color as well as leaves falling off the tree and turning brown on the ground. Finally, Winter had the end of the branch without any leaves and a light dusting of snow on it and the ground.

INK
INNER
DESIGN