

Krima Patel

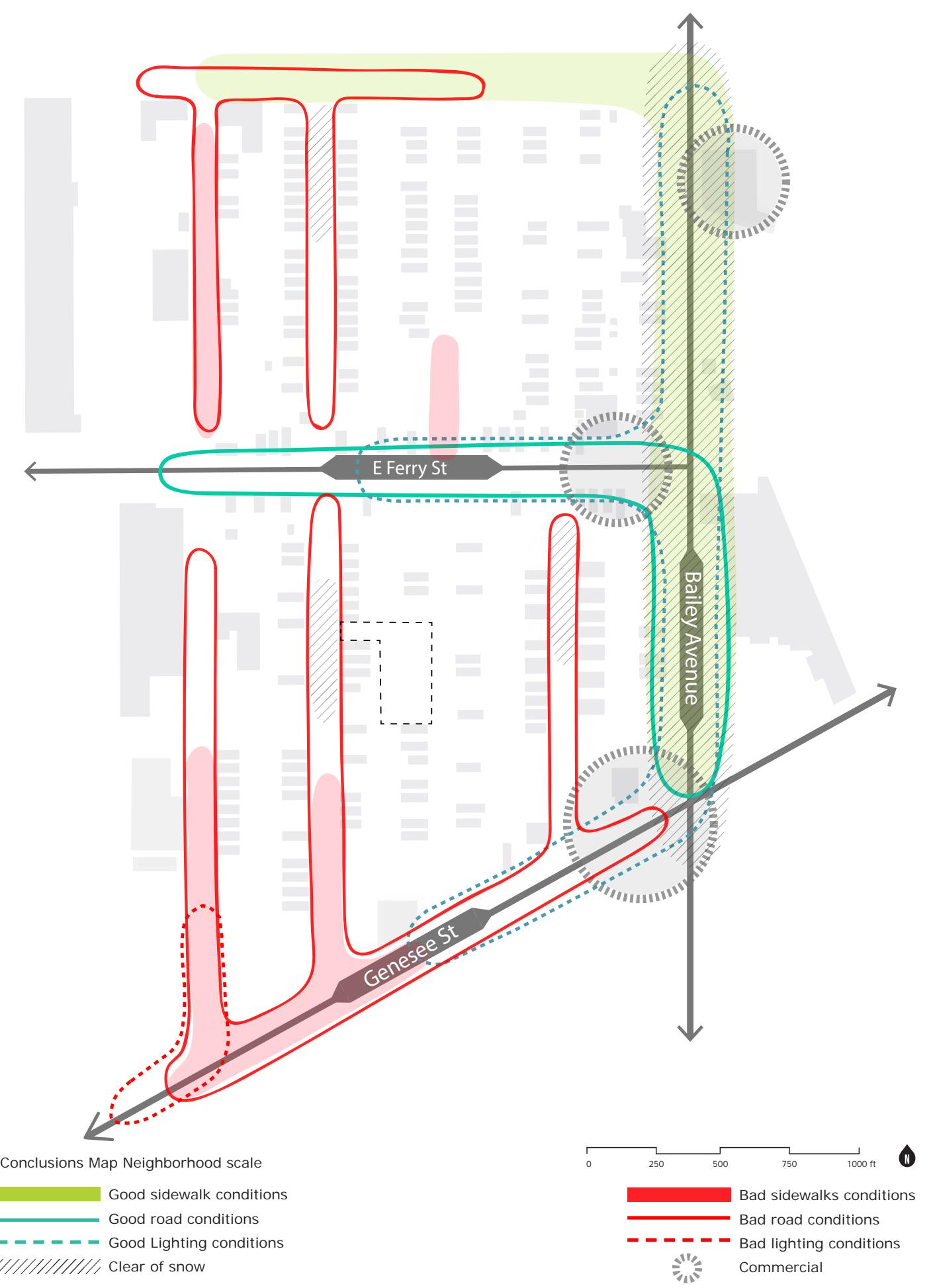
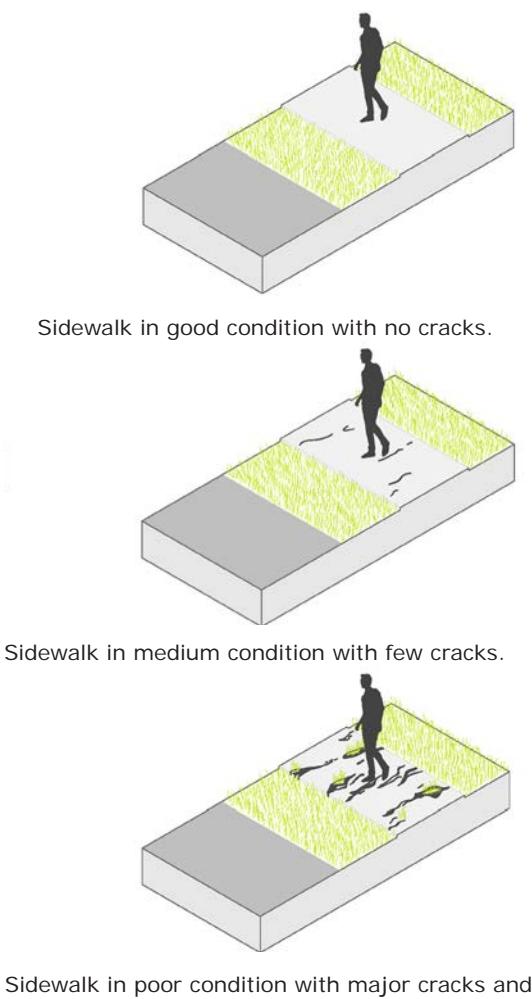
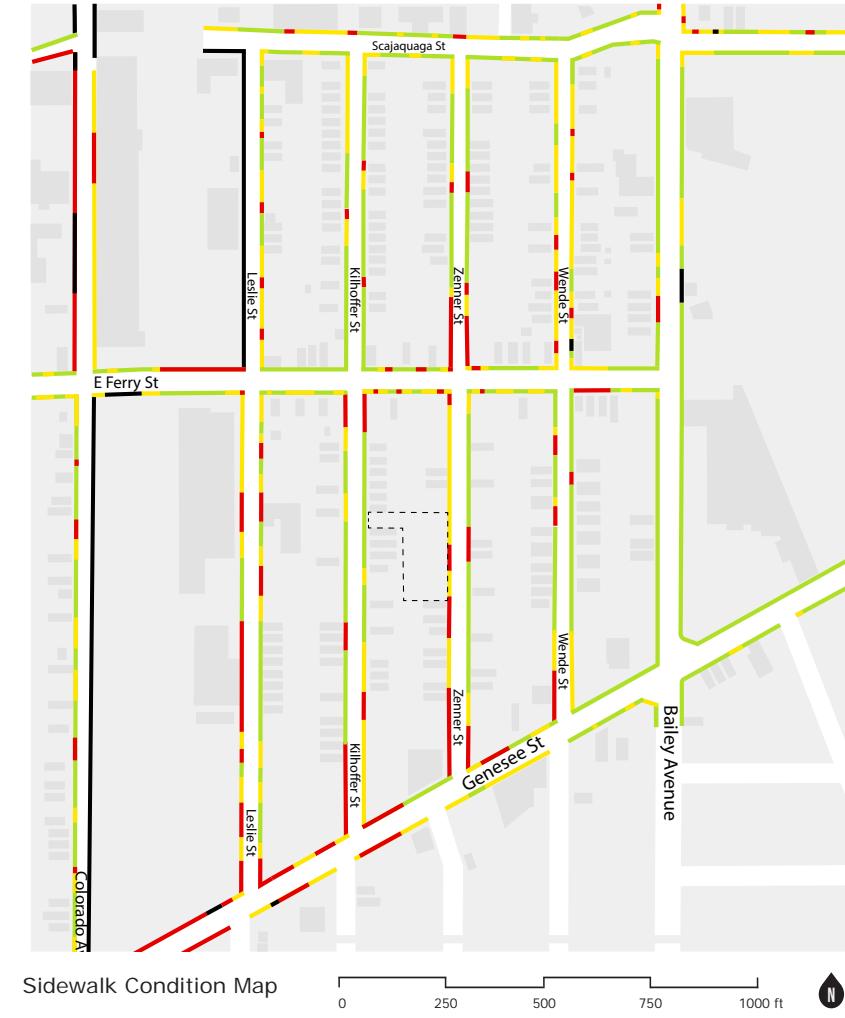
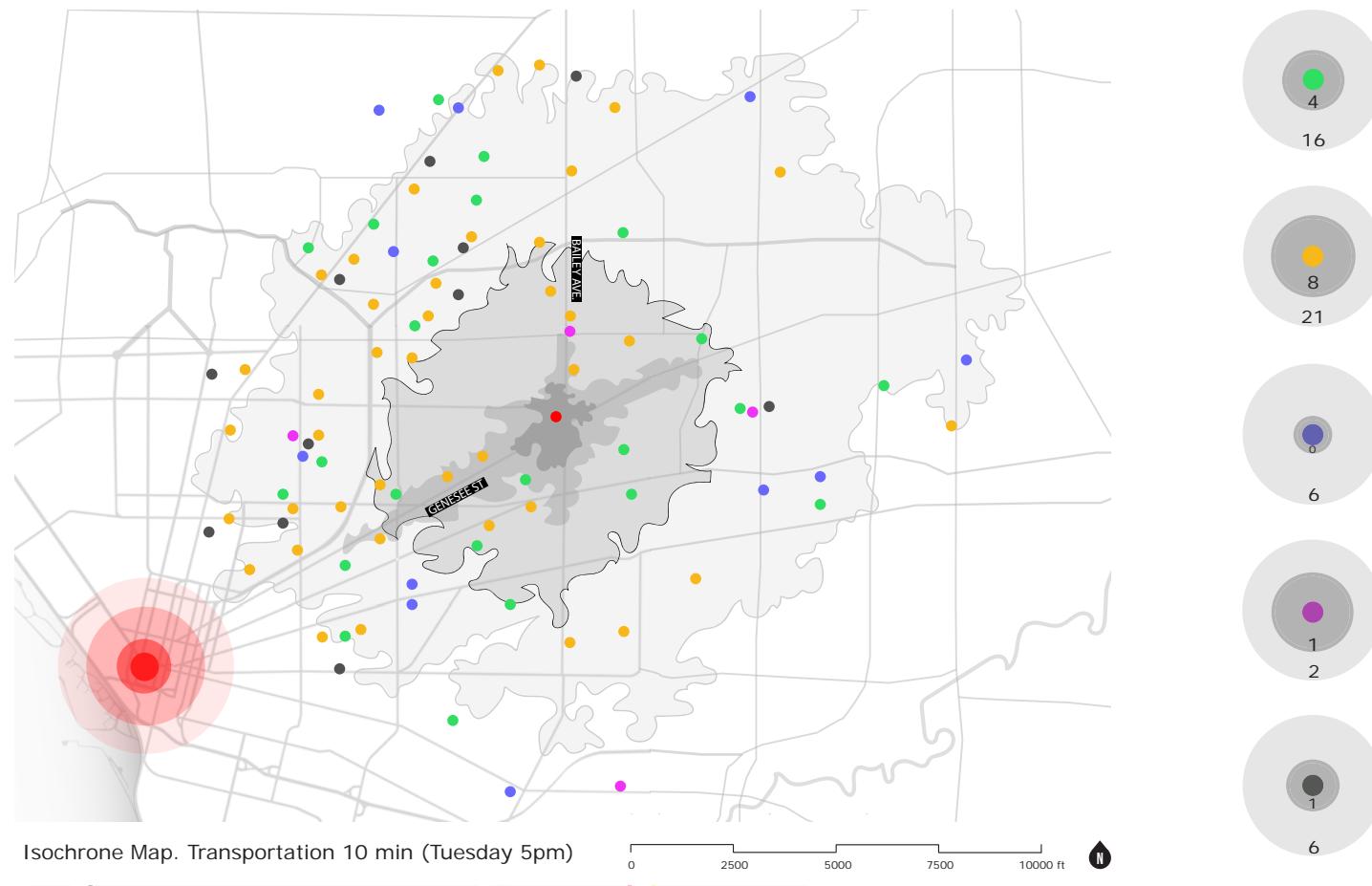
Architecture
Portfolio
2018 - 2022

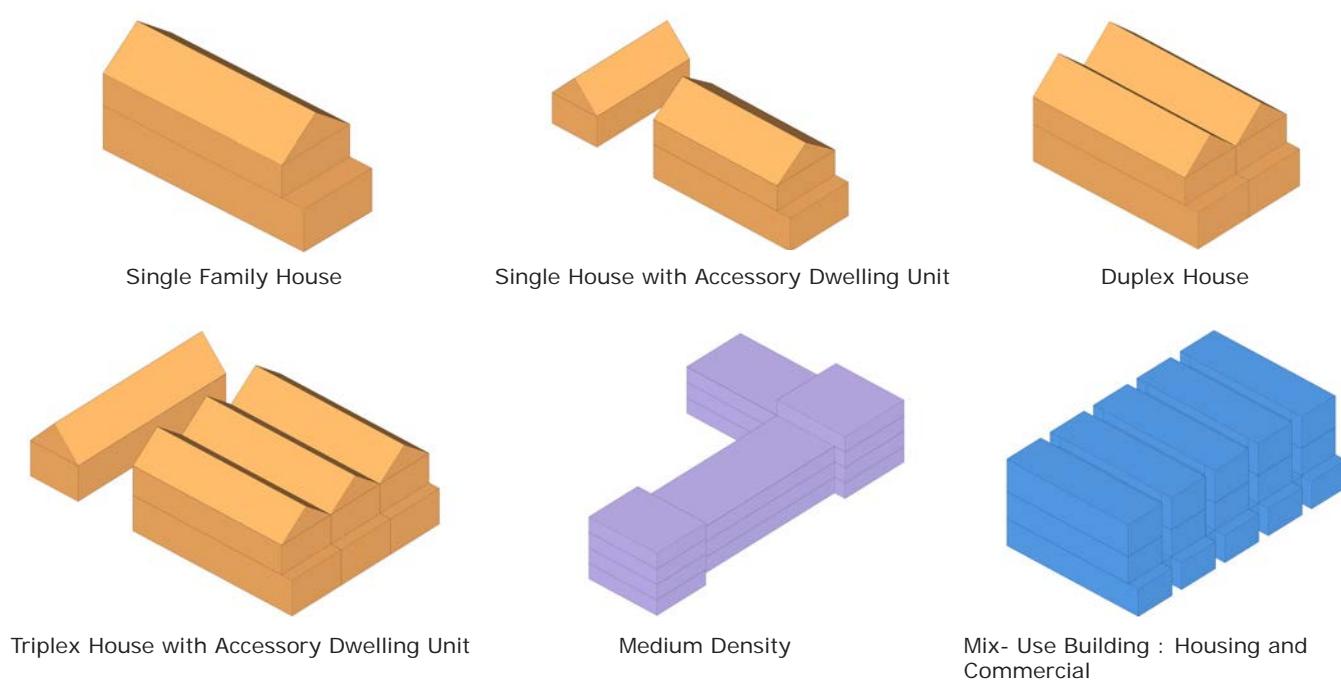


01 Engaged and Empowered Bailey Green

Graduate research studio - 2022
Faculty - Conrad Kickert & Joy Kuebler
Krima Patel & Mumuksha Patel &
Hali Sheriff

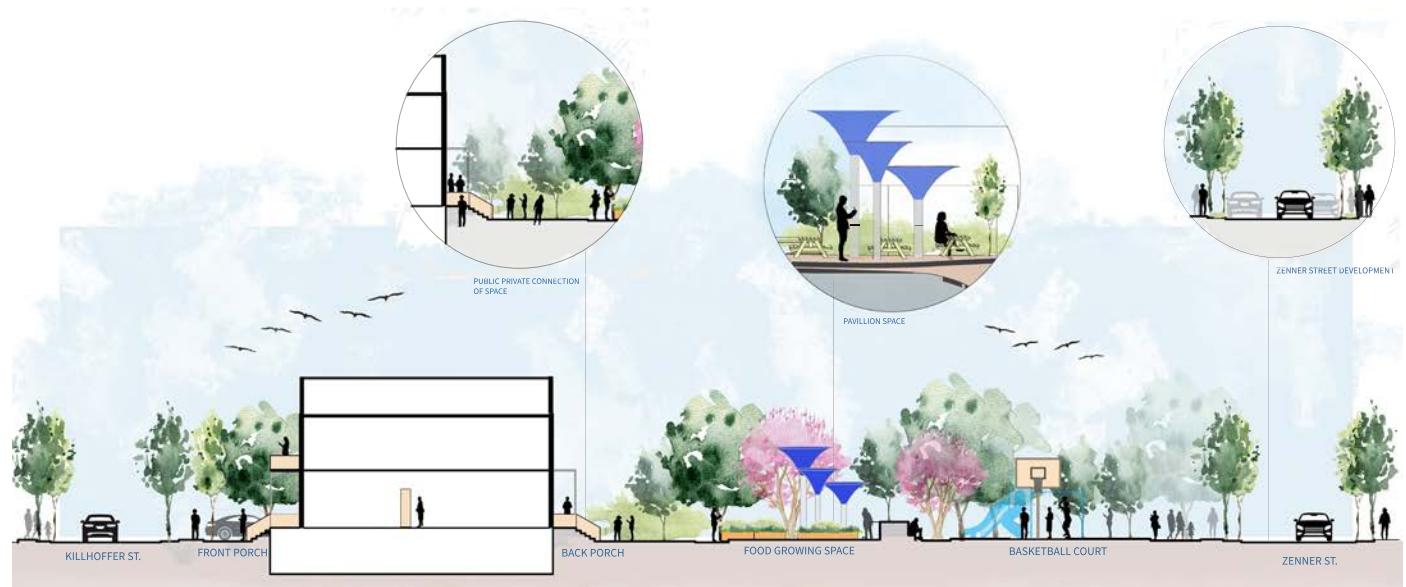
Observed and analyzed the neighborhood of Bailey Green Avenue in regards to its different characteristics like infrastructure, building, typologies, vegetation, conditions of public amenities, etc. Based on this observation and analysis proposed a plan which is capable to develop the quality of the neighborhood through strategies like supporting community events and improvement of public amenities.







Site Plan
0 20 40 60 80 ft



East- West Section with Callouts



View of proposed housing with food growing space and basketball seating space



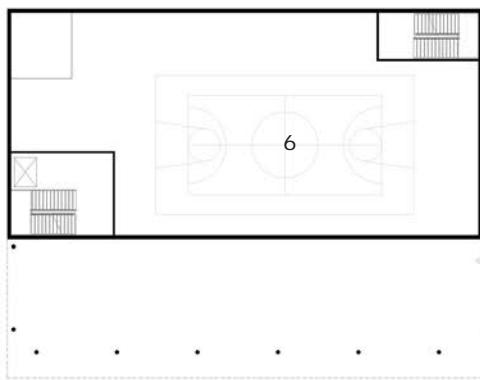
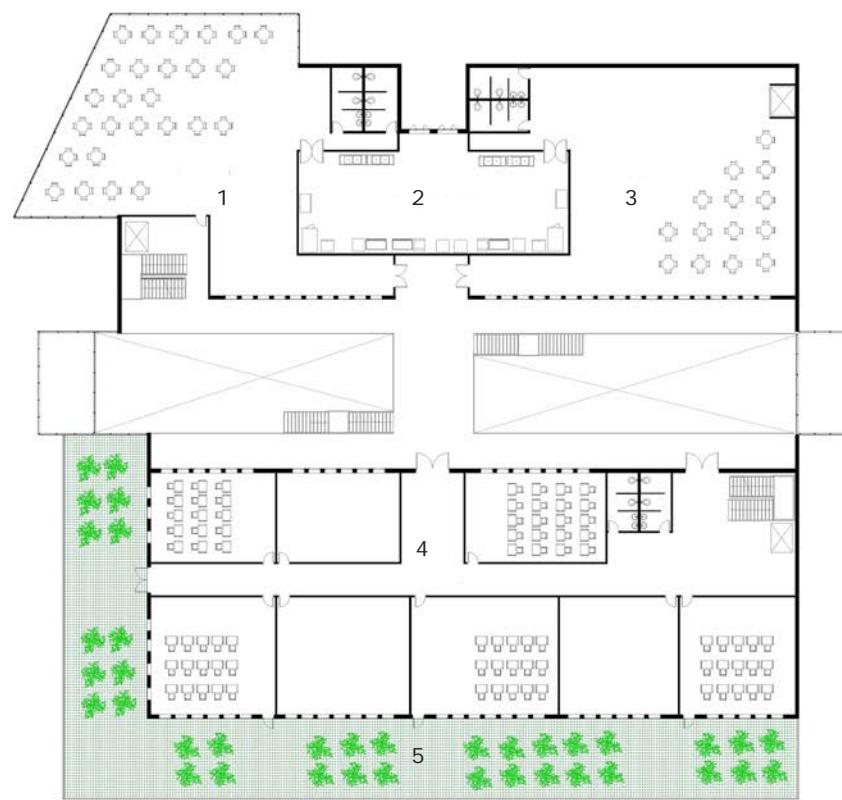
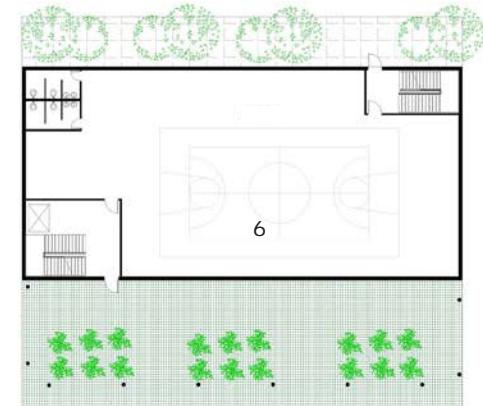
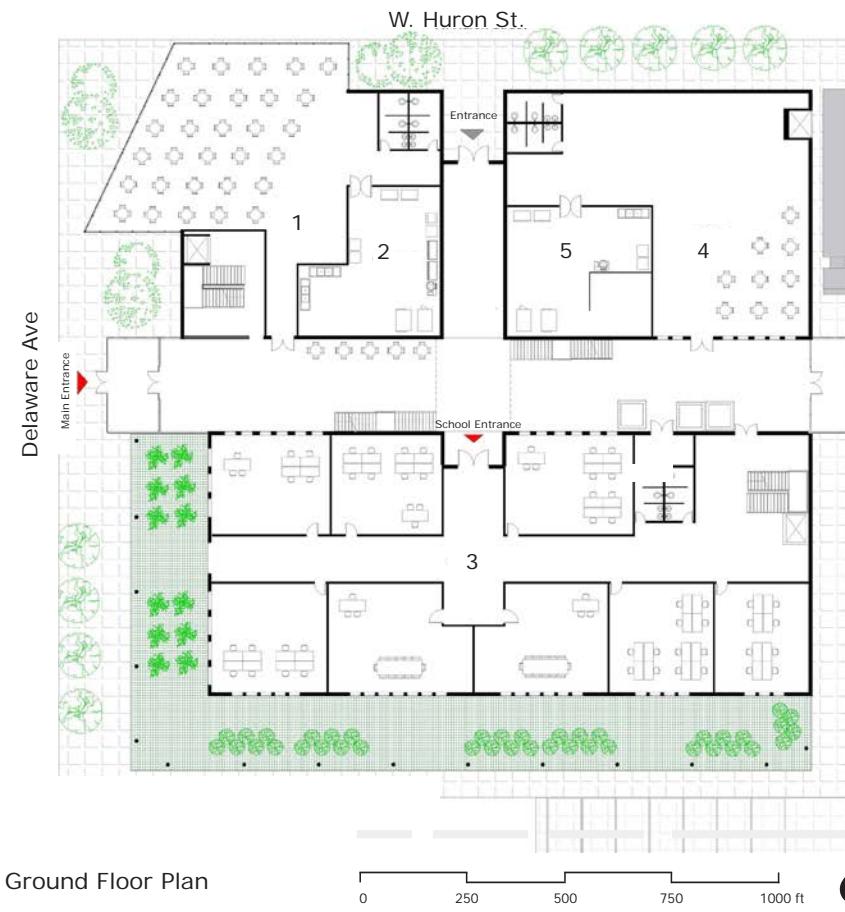
View from Zenner Street



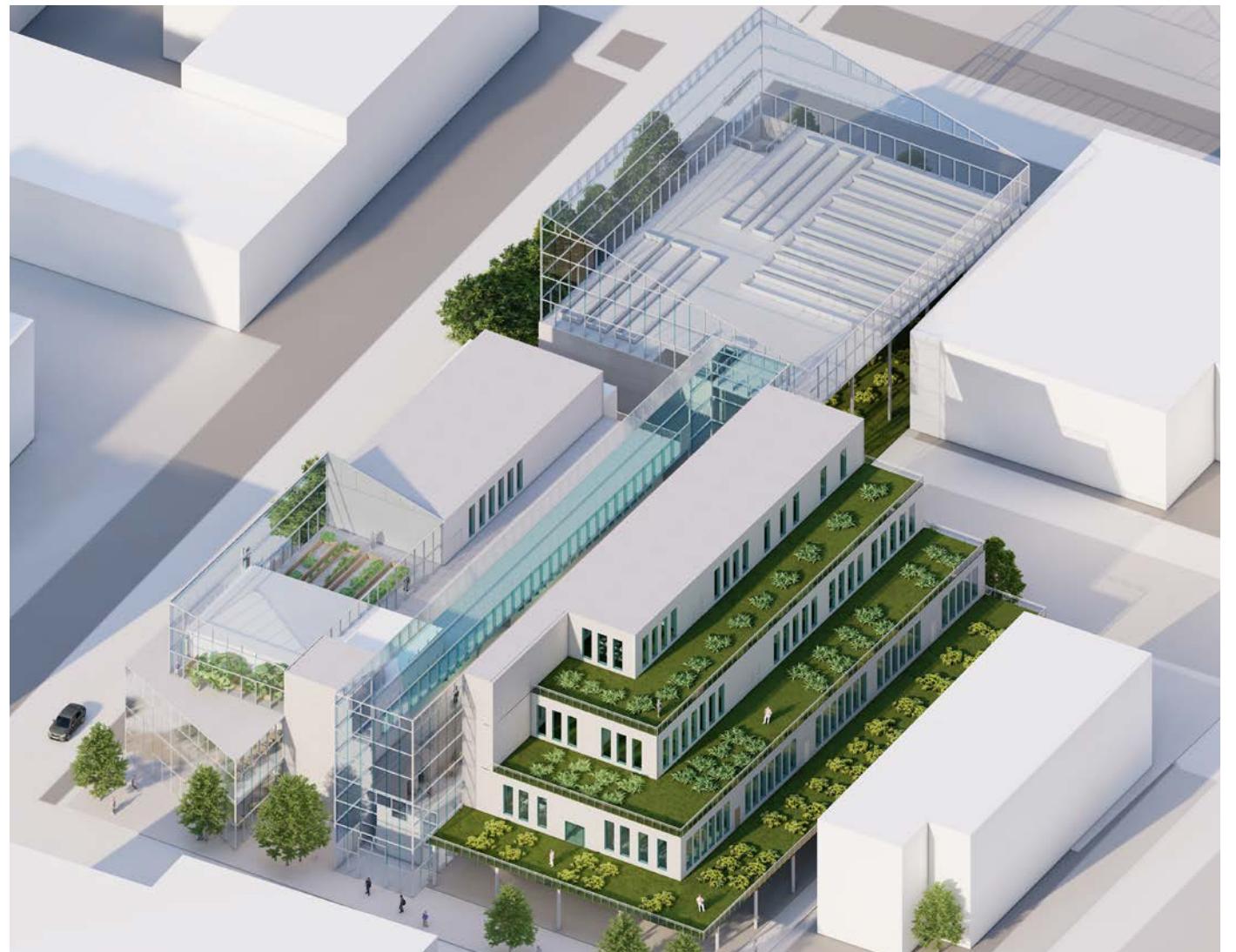
02 Food School

Design studio (Graduate studio) 2021
Faculty - Maia Peck

Designed the extension of the existing Buffalo Food School building. The building is capable of accommodating 500 students and is developed by combining the farming and food school together. The project required separate spaces for public and private, the streets side of the building is allocated to public space making it more convenient and accessible for general public, while the private space is more deep into the building from street side, making it convenient to restrict unauthorized personnel from accessing classrooms, both these spaces are separated by an atrium, and both these spaces are connected at the upper floor as per the requirement. Unique features like step farming is incorporated in the south side of the building. In this project, AutoCAD for conceptual planning and layout, Revit for modeling and design layouts, Lumion for rendering, and Photoshop and Illustrator for the presentation were used.



View from Delaware Ave



Bird Eye View



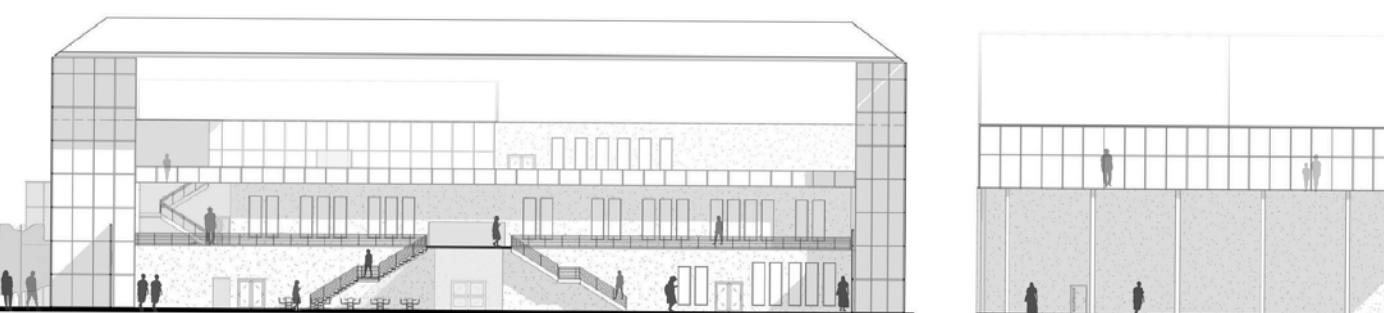
Arcade Space View from main entrance



Green house View



North-South Elevation



East-West Section



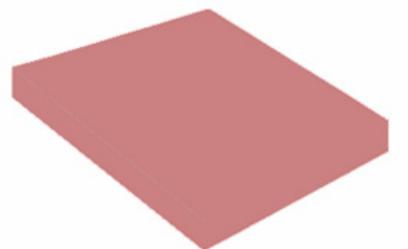
03 Museum of Art

Design Graduate studio, 2021
Faculty - Annette LeCuyer
Krima Patel & Kunal Trivedi

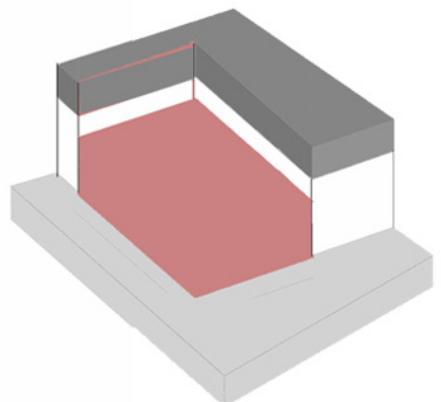
Designed a museum that fits the site on Delaware Avenue with consideration of its urban context. The building supports a wide range of programming capabilities and includes spaces to display pieces from significant contemporary artists from around the world.



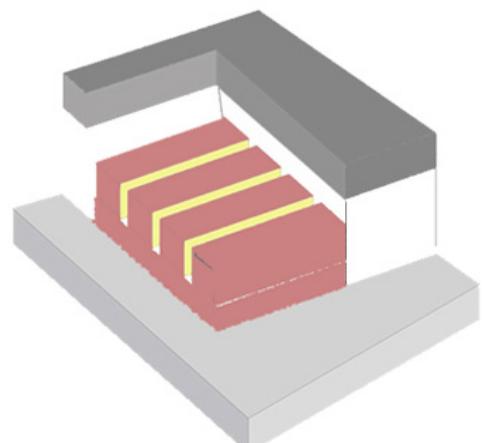
Site with mass



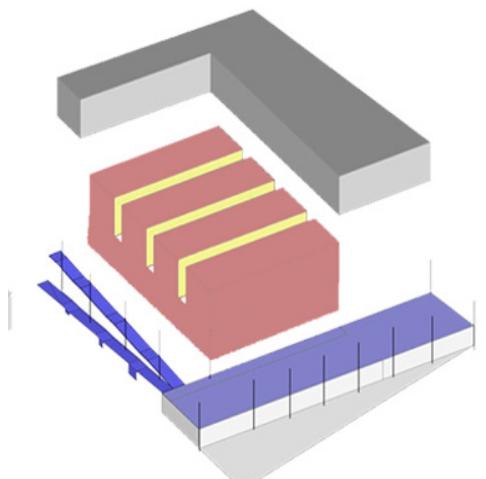
Mass of building



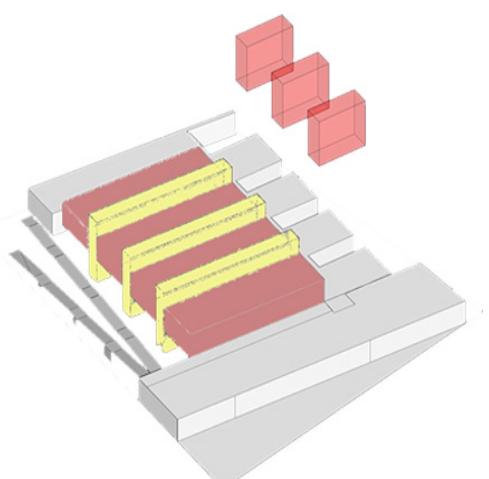
Split in 3 parts



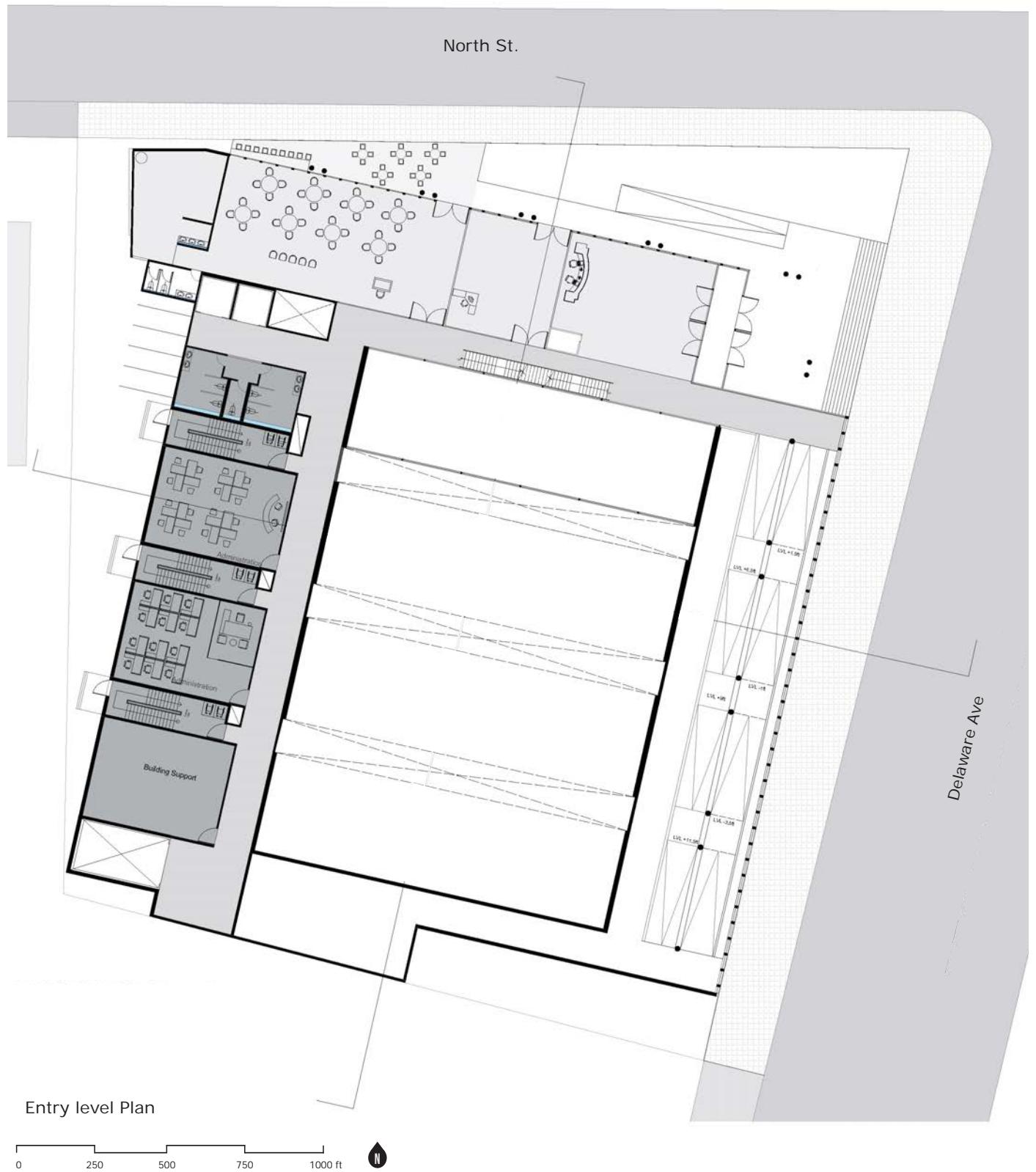
Gallery light strategy

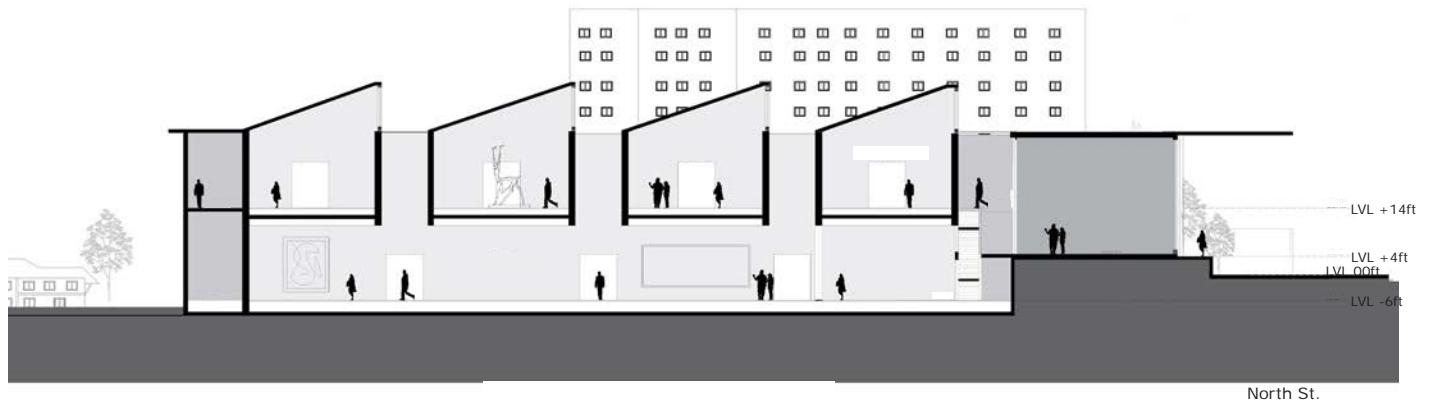


Circulation in Building

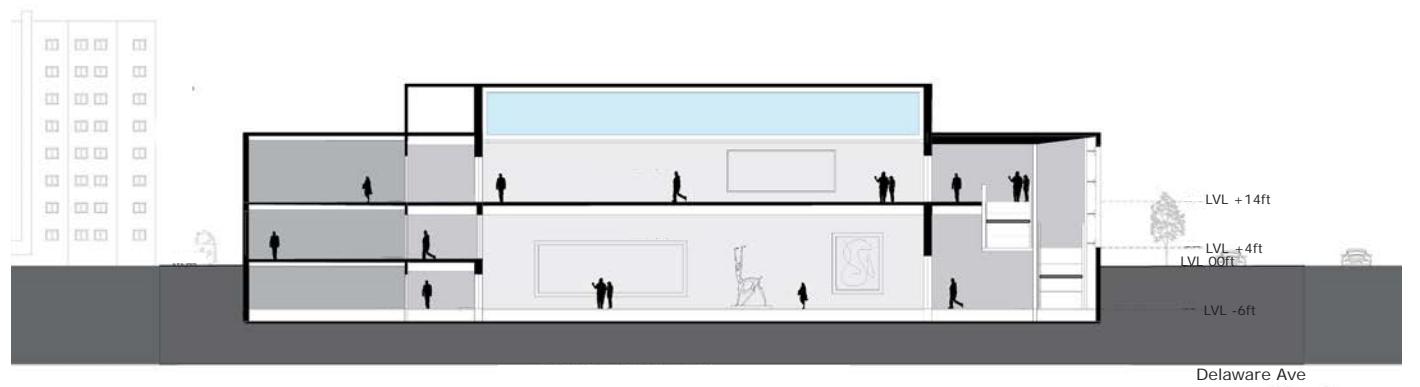


Development of all 3 parts

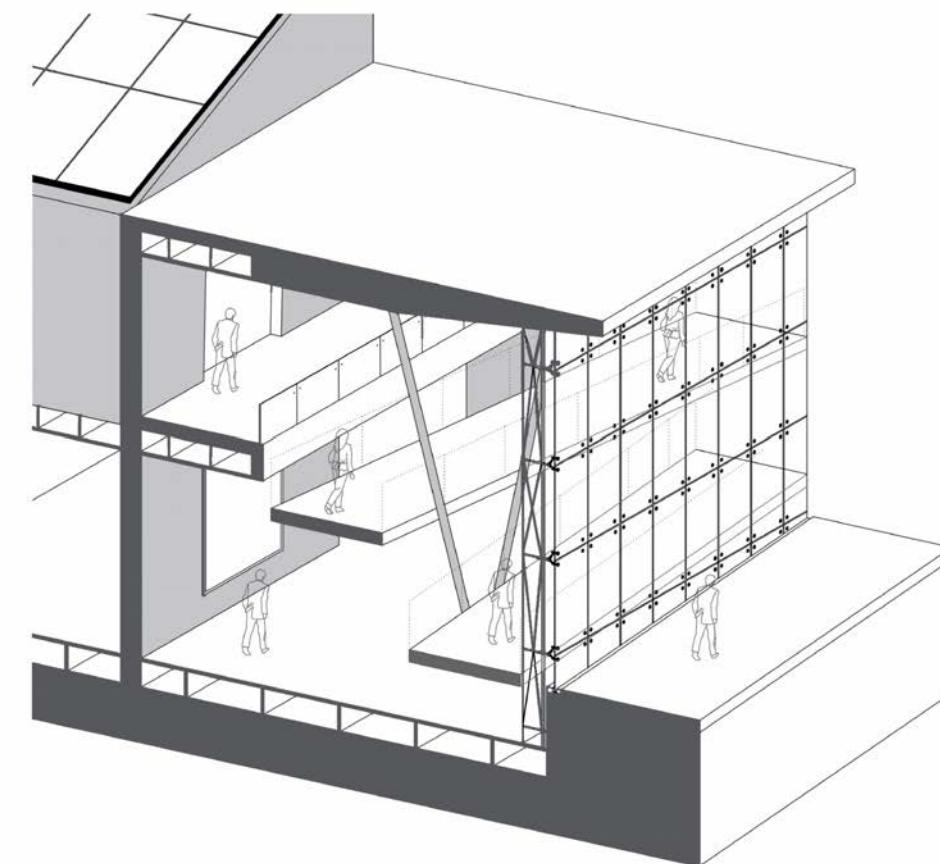




North - South Section



East - West Section



Wall Envelope axo



View from North St.



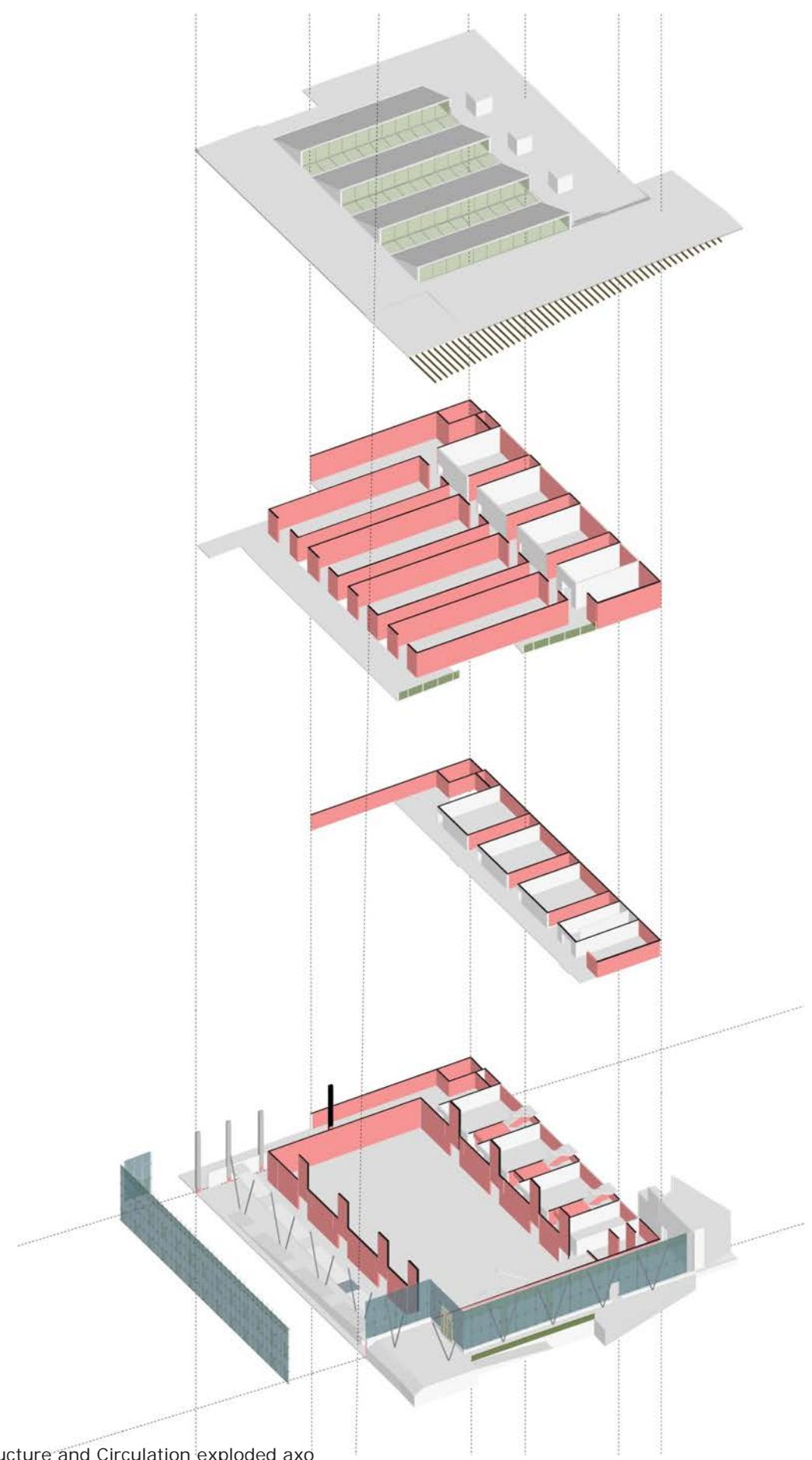
Section perspective showing upper and lower gallery space



Lower gallery space



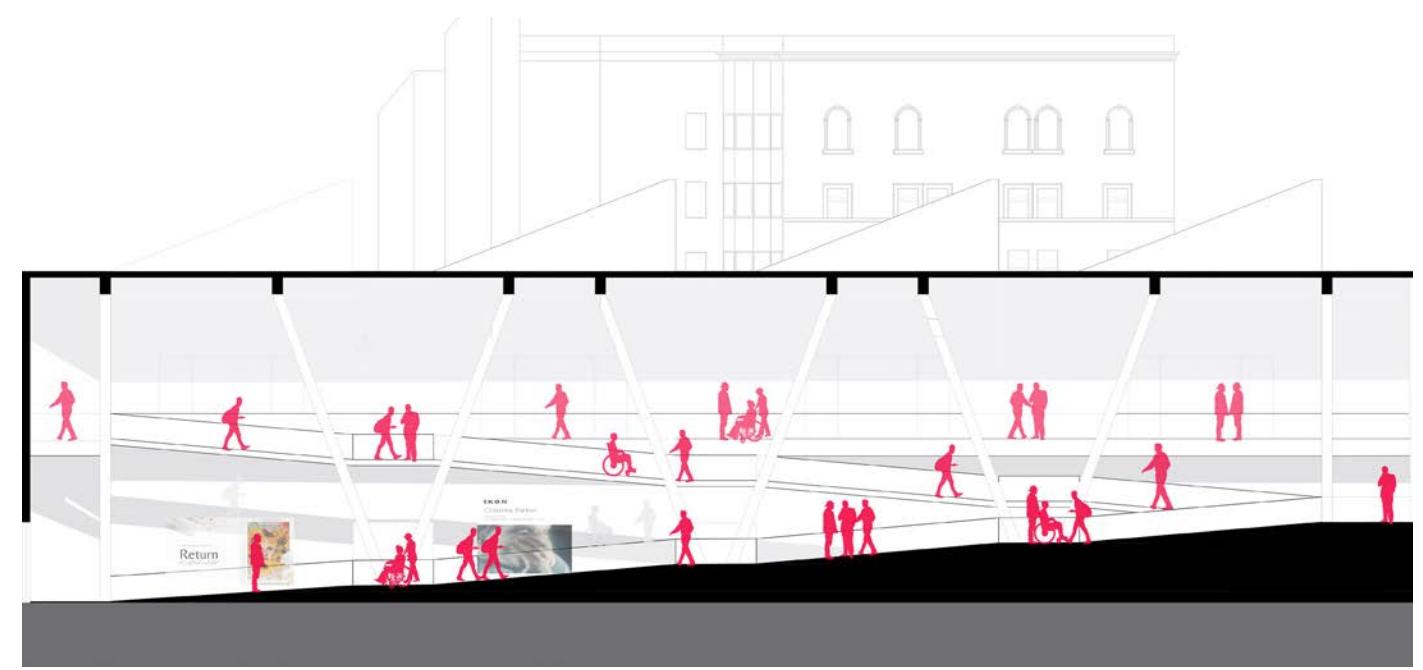
Lower level circulation space with ramp



Structure and Circulation exploded axo



View showing circulation ramp with upper and lower gallery space



Circulation ramp movement



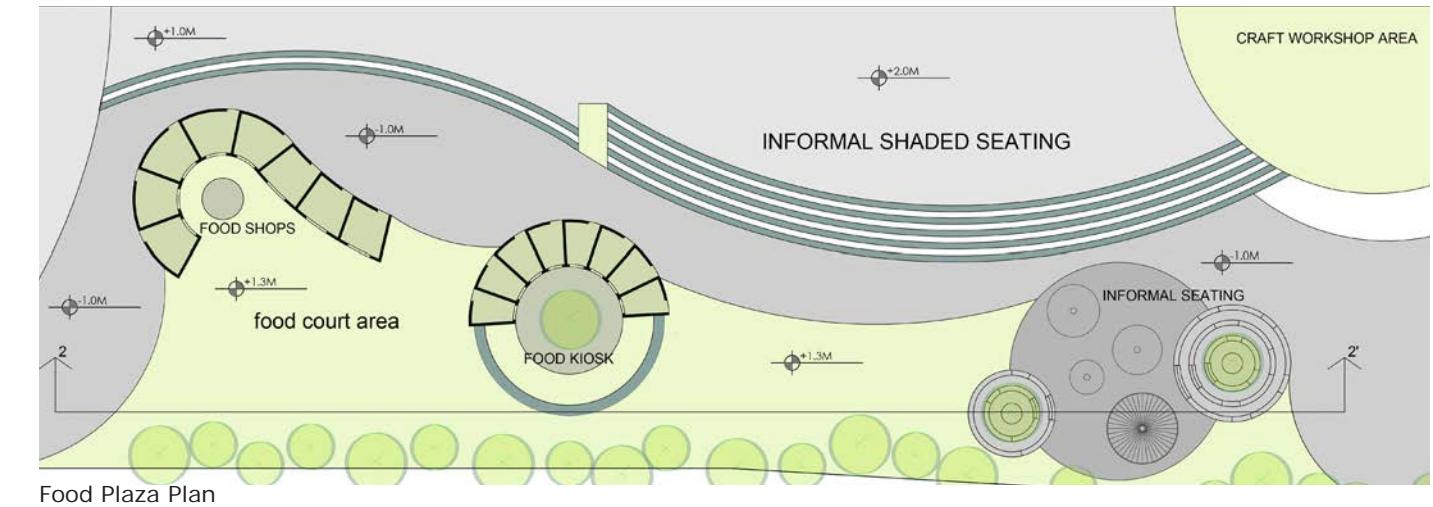
04 City Center

Thesis Project, Undergraduate, 2019
Faculty - Rajendra Pardeshi

A city center is a starting and endpoint of numerous and various movements of a city, so-called “basic paths focus”. Therefore, it is strained by the tension of the centrifugal and centripetal course of the city and its citizens. The center unifies a variety of high and low-level activities and concentrates the characteristics of a wider area and imposes a high degree of social communication and contact. In each city tissue, the center represents the most attractive and unique ambient unit, due to a high concentration of various activities taking place. The center regardless of its characteristics, functions, and category exists only as a part of an urban system. It is functionally connected to the gravity area and structurally to the city as a system.



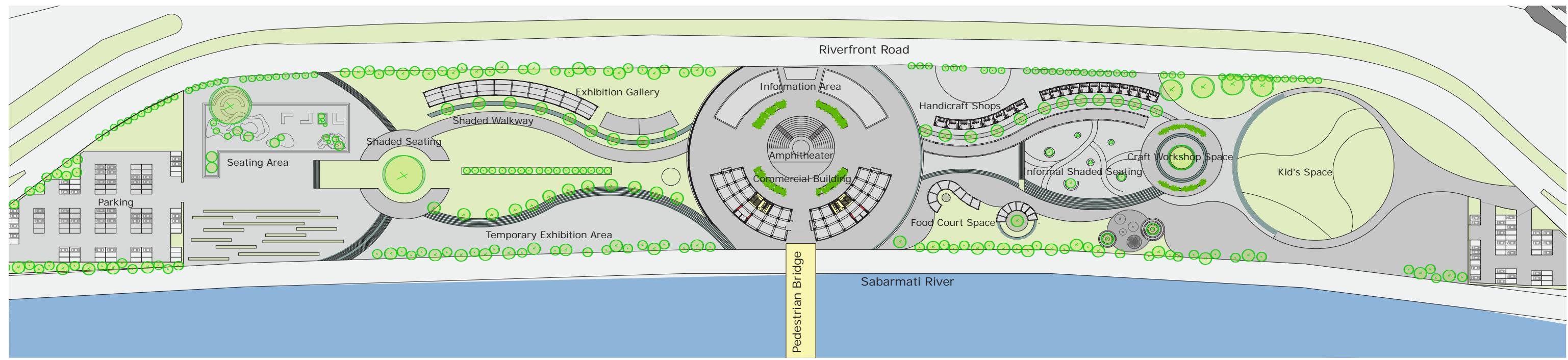
Model Photo



Food Plaza Plan



Main Entrance View



Site Plan

0 250 500 750 1000 ft



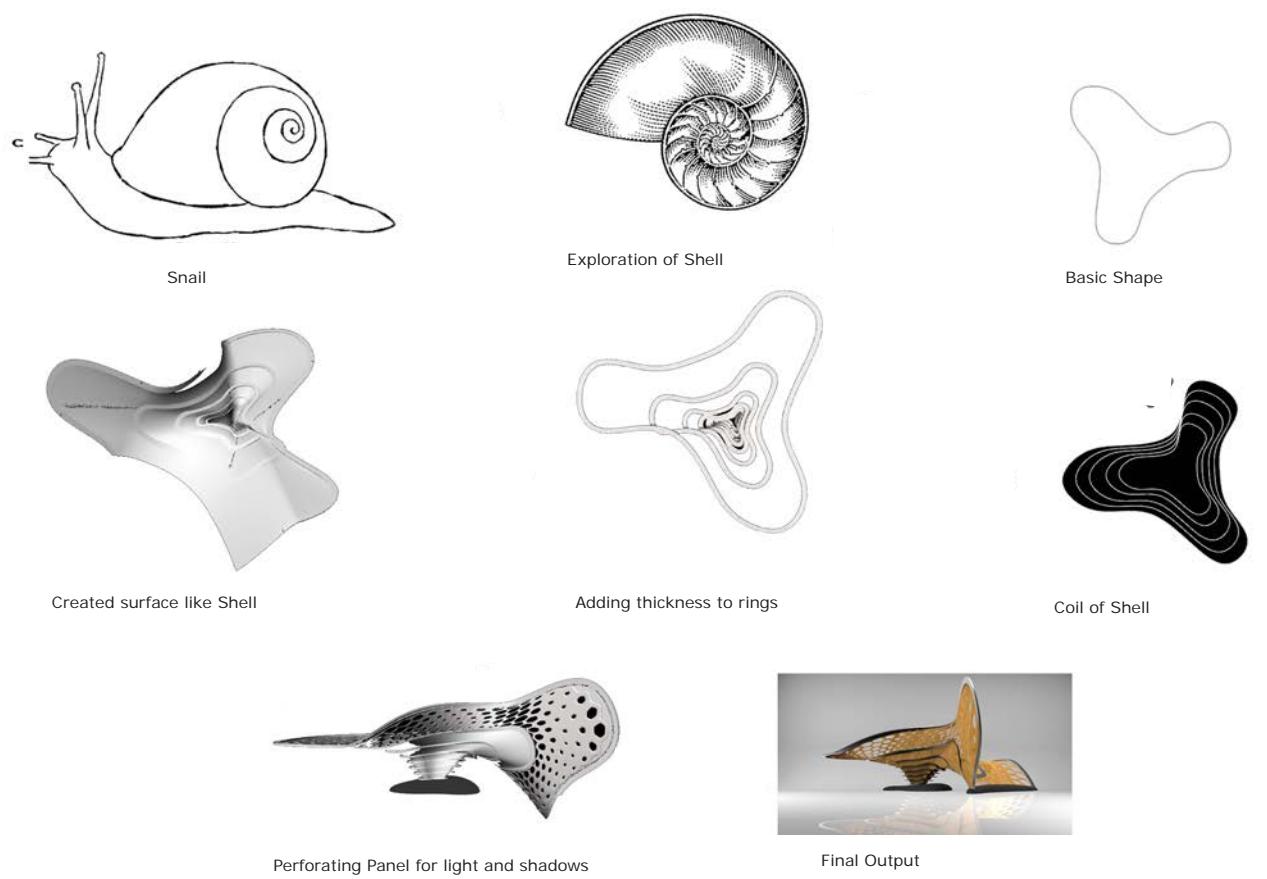


05 Organic Pavilion

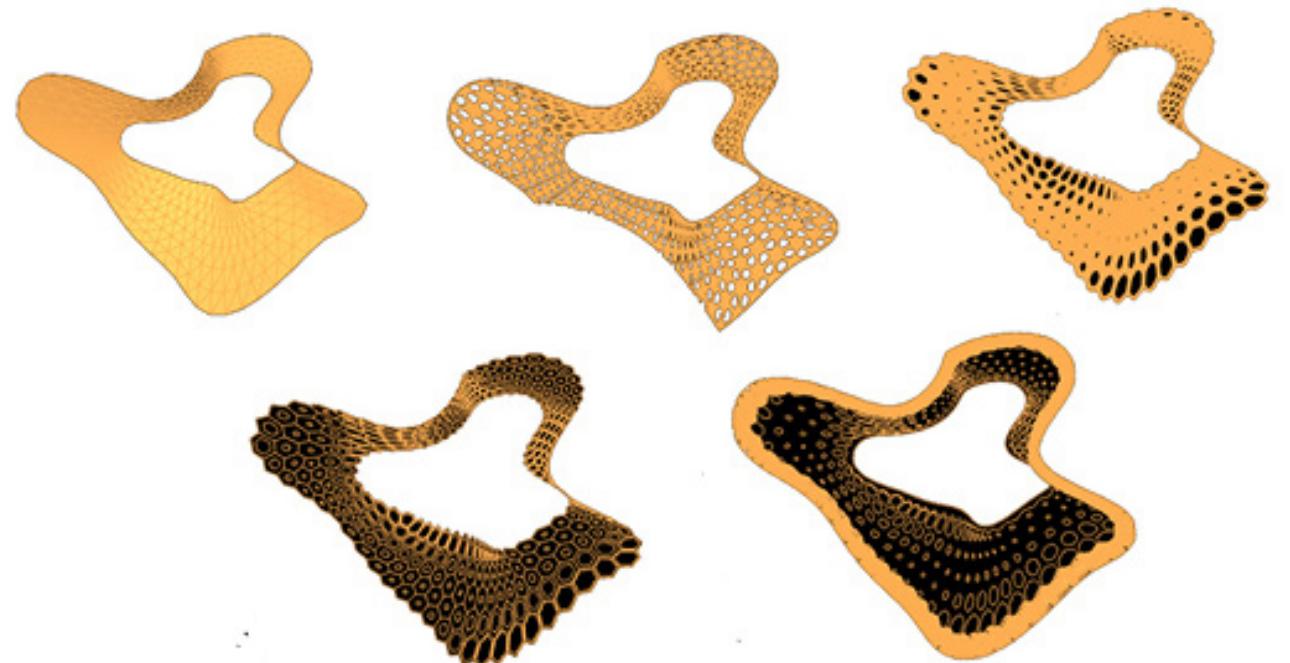
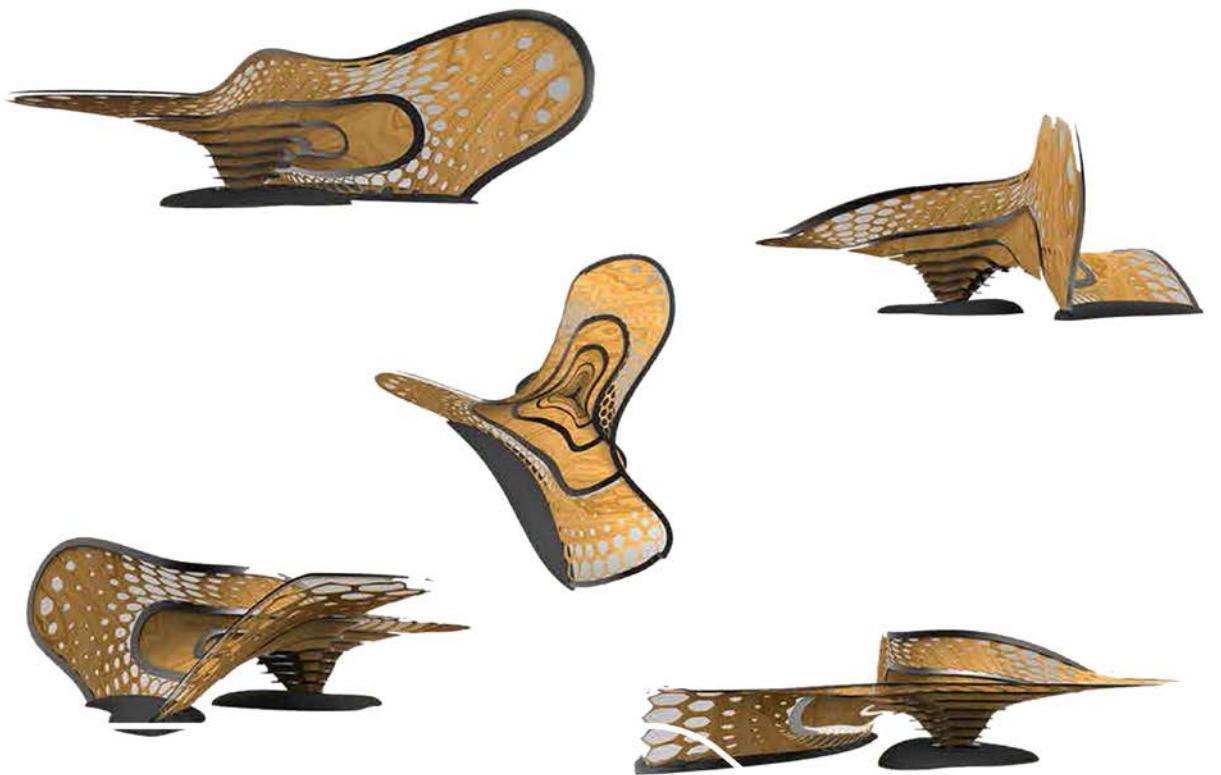
International Student Exchange Program, 2018

Krima Patel & Priyansh Shah & Chandni Mojdra

The project of Organic pavilion is about providing the city with a different experience of abstract architecture with structure. This project is more about seating pavilion playing with shadow space and unique character. Also, exploring software like rhino and grasshopper.



Concept



Panel Perforation steps



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