ASHLEY ALTMANN

SELECTED WORKS | USC SCHOOL OF ARCHITECTURE

ABOUT ME

My name is Ashley Altmann, and I am a graduate from the University of Southern California School of Architecture with a Bachelor of Architecture. My passion for architecture stems from my lifelong love for creating and engaging with meaningful and immersive environments. This portfolio includes work from my undergraduate architecture education, and I hope that it illustrates not only the skills I have developed over the past five years but also my eagerness to learn, participate, and contribute to curating more good in the world through architecture and design.

SELECTED WORKS

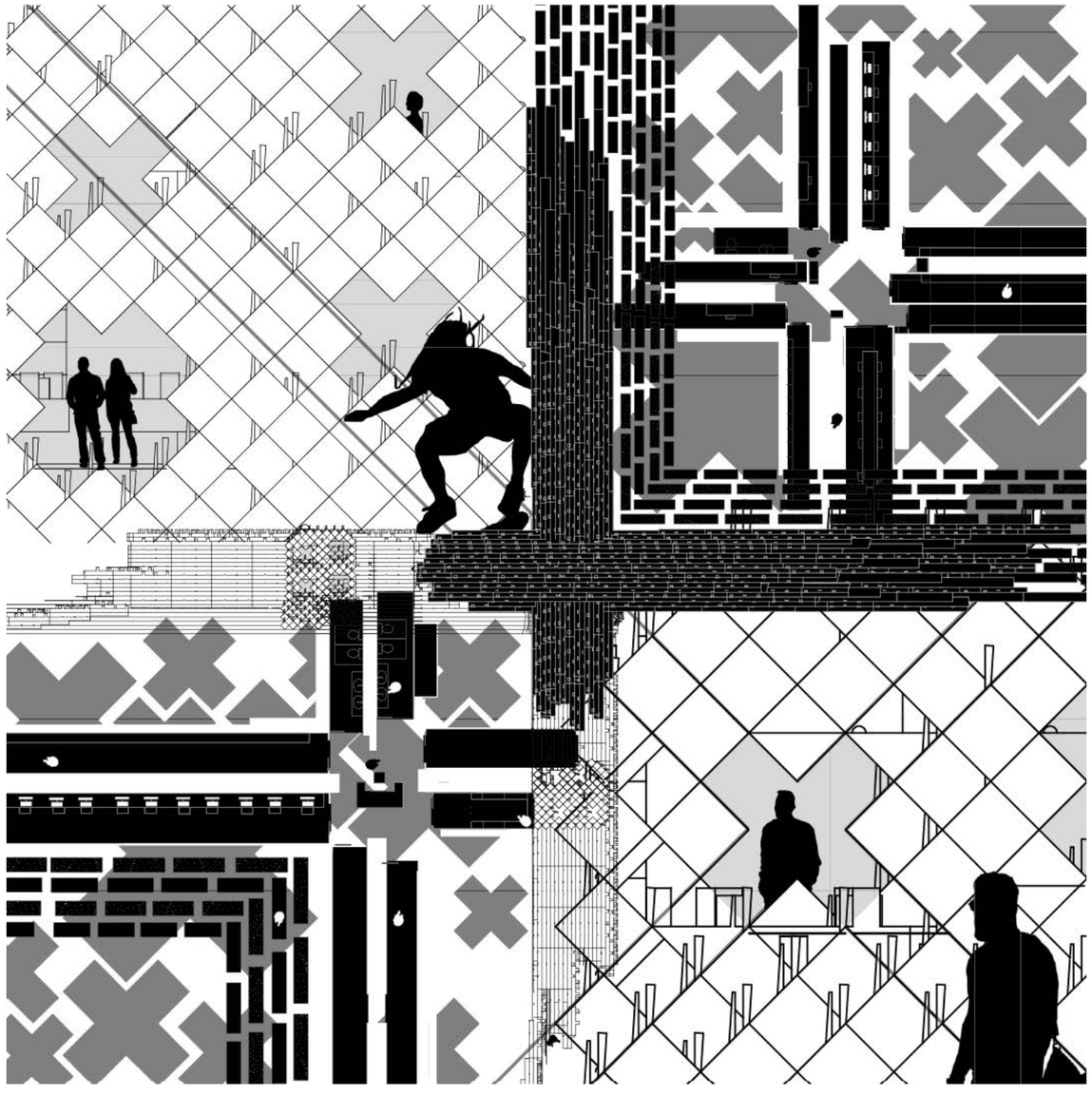
BRANCH LIBRARY 6
CO-OP CITY 14
ROOFTOP RHAPSODY 20
O-CEAN PARK PIER 28
L.A. ON LOOP 34

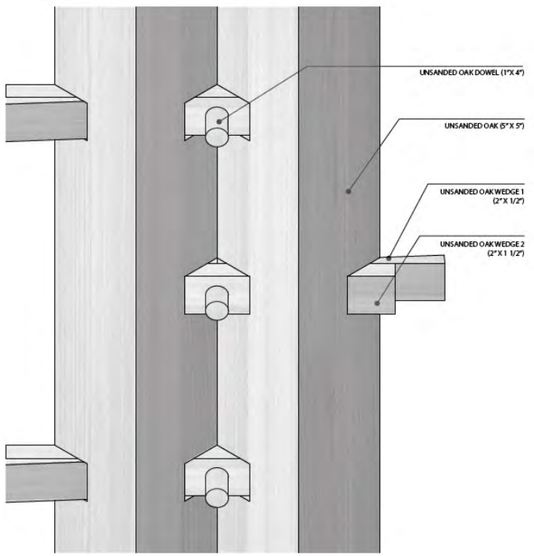
BRANCH LIBRARY

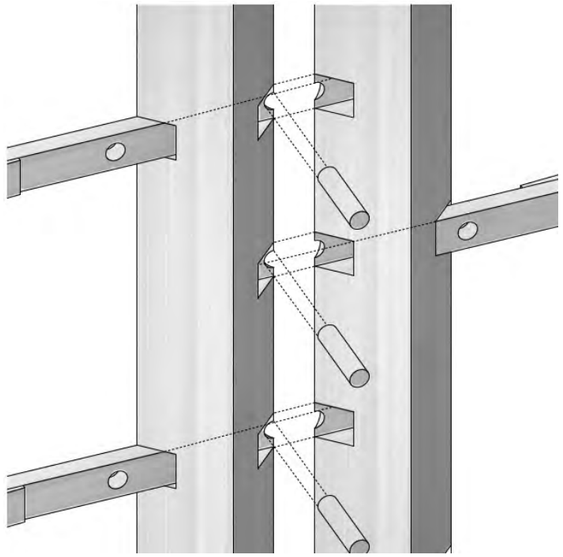
ARCH 202B | SPRING 2022
INSTRUCTOR: FARNOOSH RAFAIE

Branch Library is a public library and community activator in the Los Angeles State Historic Park of Chinatown. From joint, to study, to reading room, Branch Library is culmination of a series of iterations using a re imagined Japanese Y-Installation joint. The space uses timber members with an excavation-like hollowing out of the interior to create nooks, shelves, and interactive experiences with the architecture.

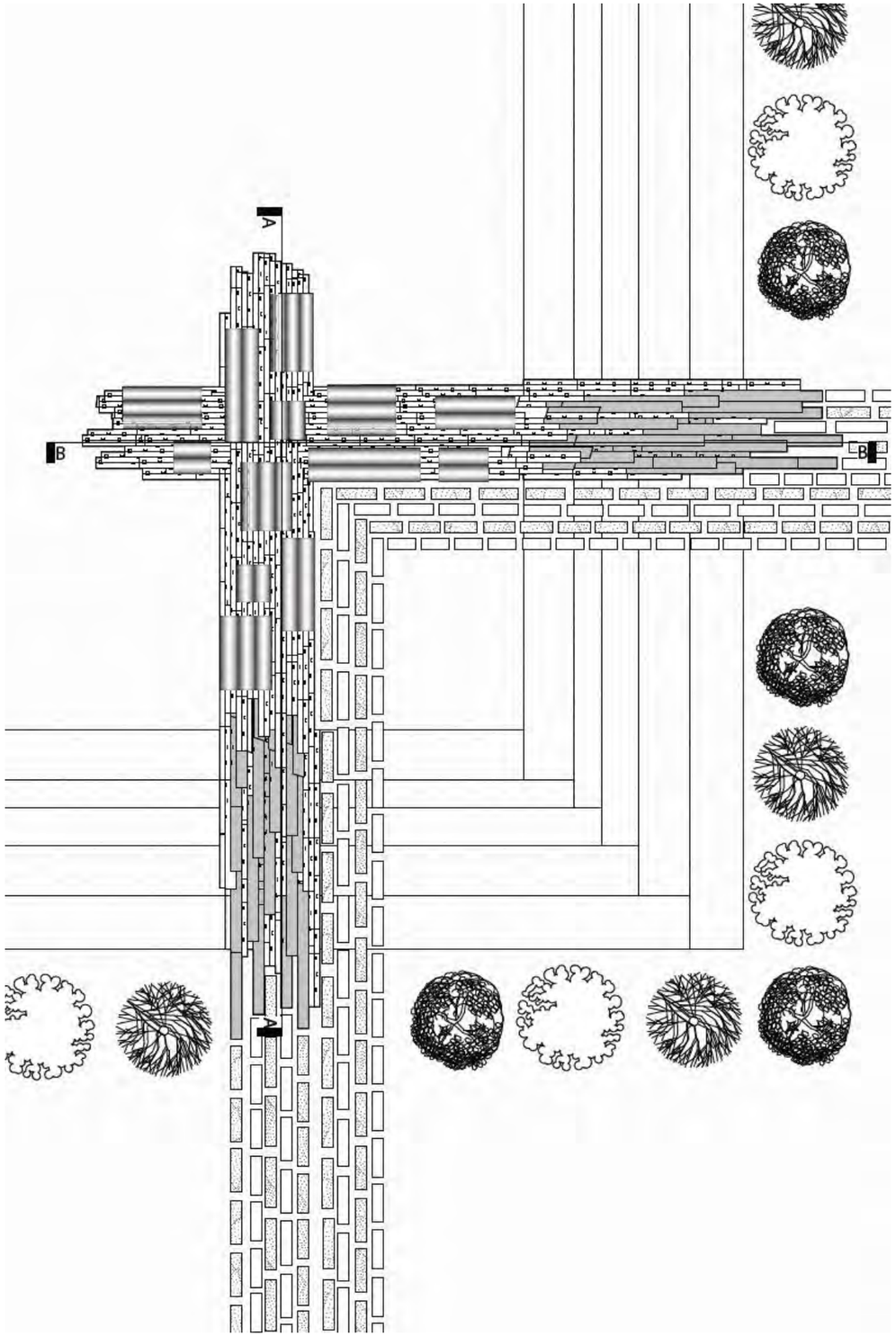
Each “branch” of the library houses different genres of reading, corresponding to subcategories of either fiction or non-fiction, and intersecting in the middle as a natural common area/lobby. The structure itself slowly tapers off in each direction and into the landscape with the goal of rooting itself within the neighborhood.



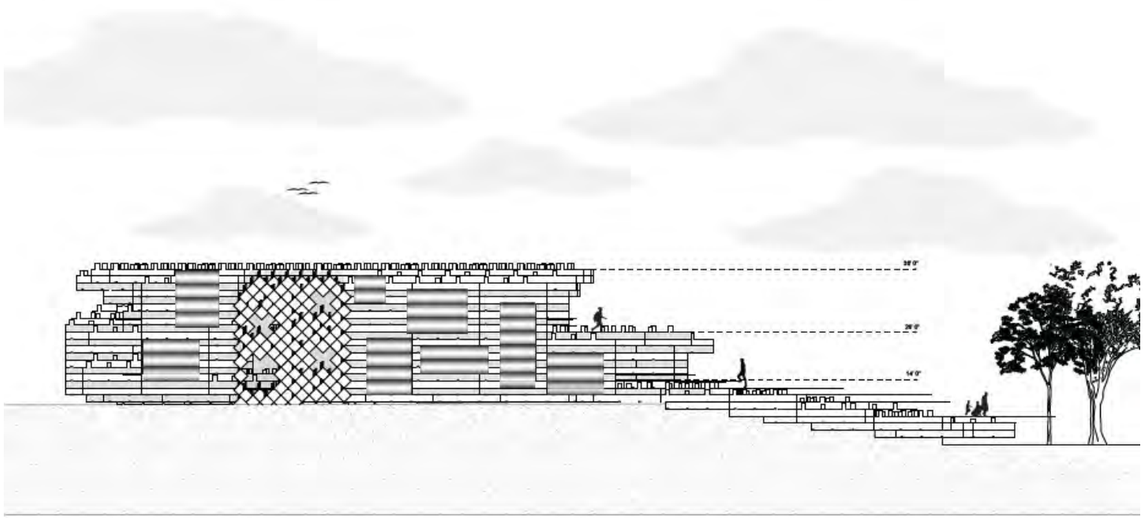


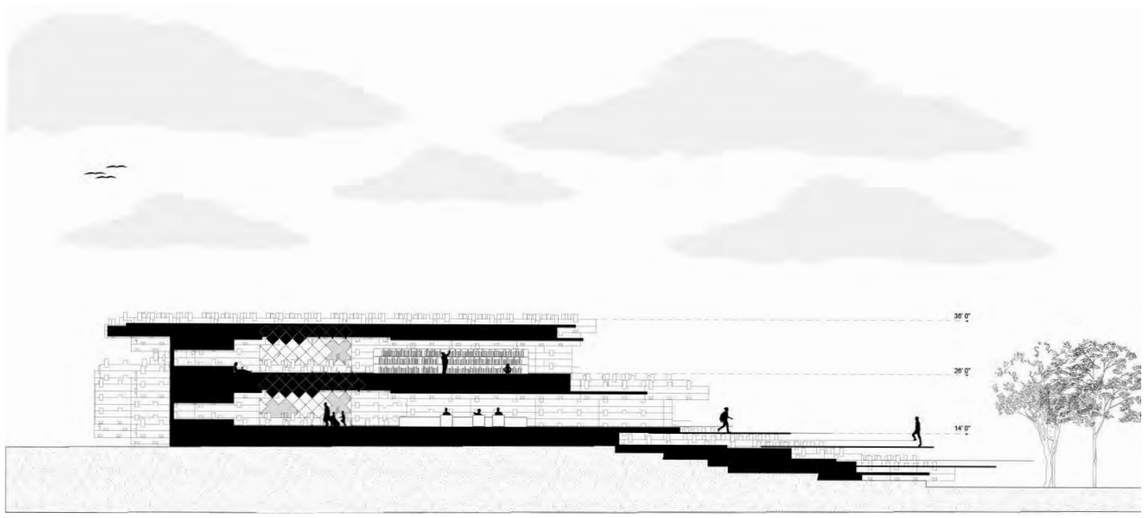


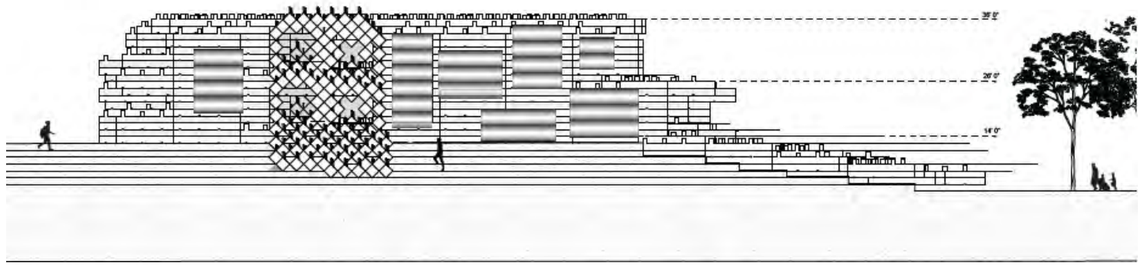
REDEFINED Y-INSTALLATION JOINT

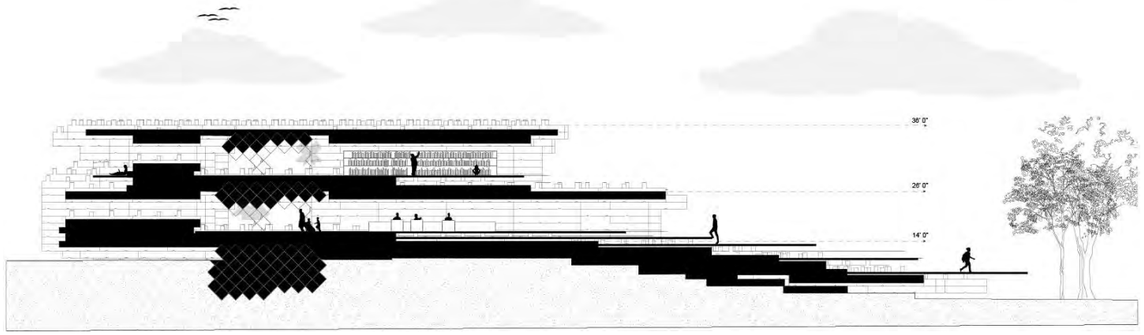


SITE PLAN



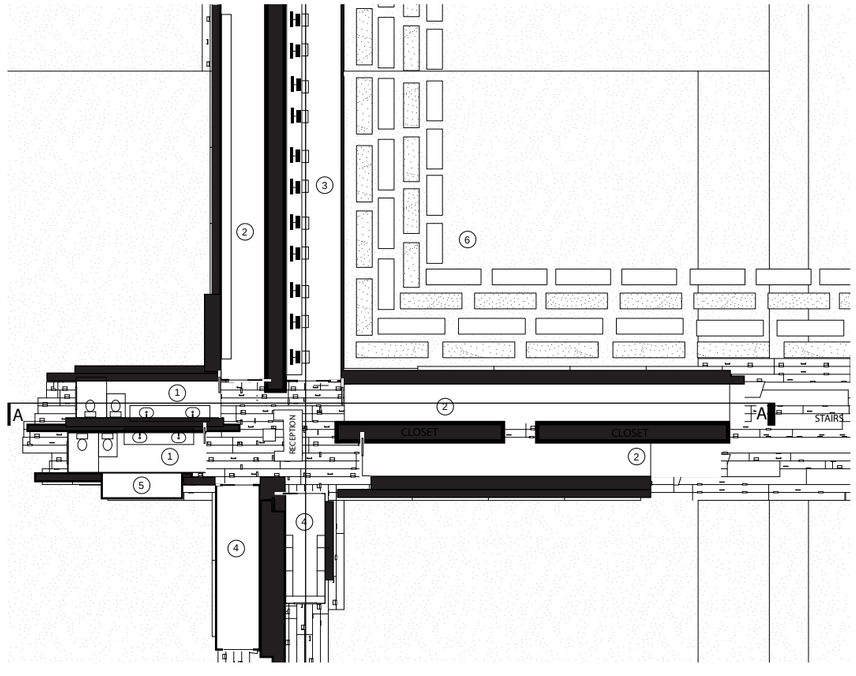


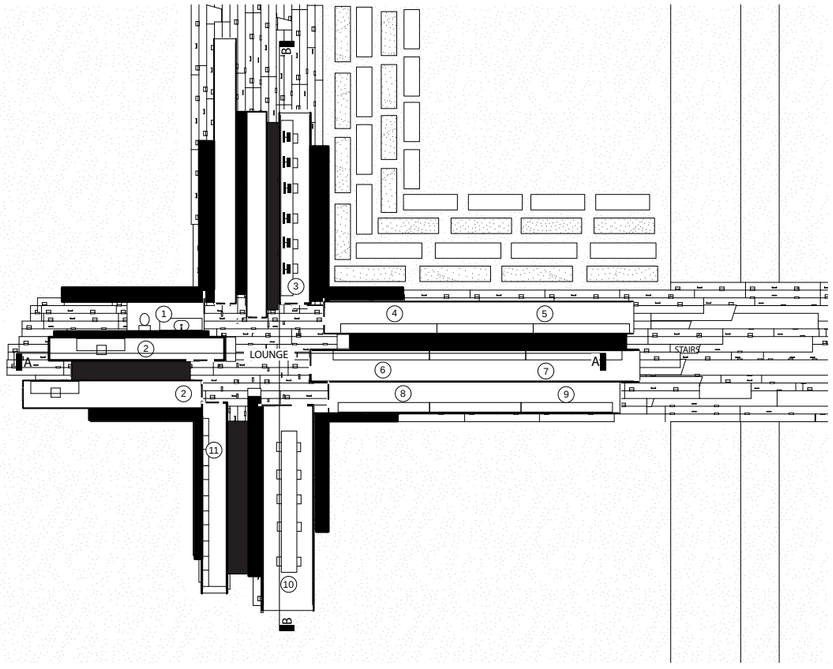




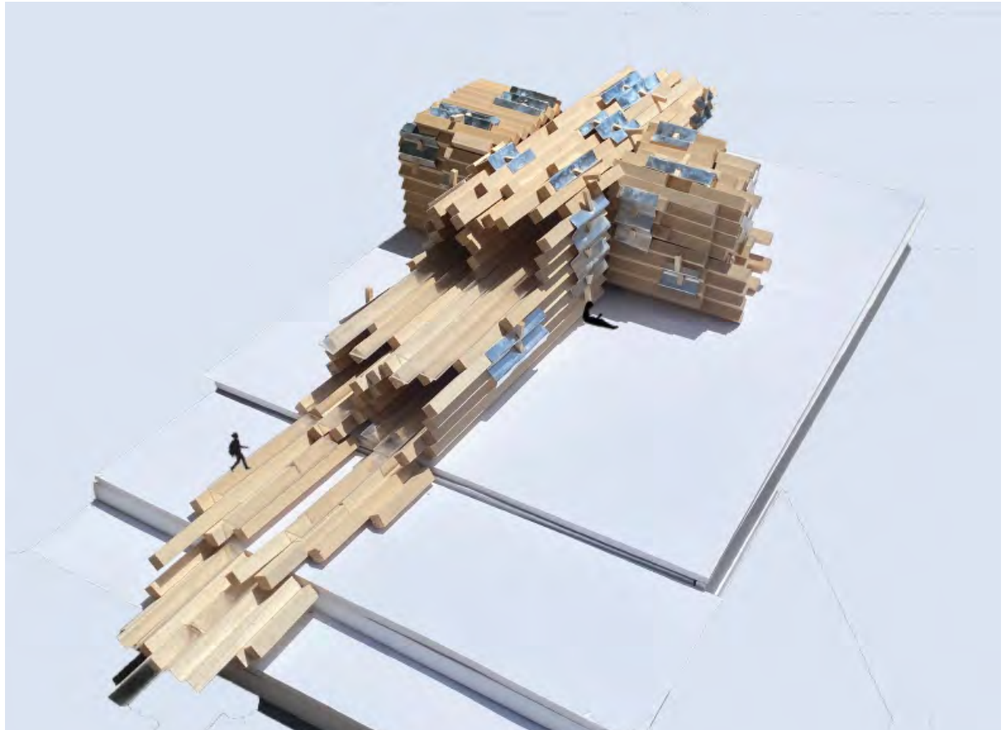
ELEVATIONS

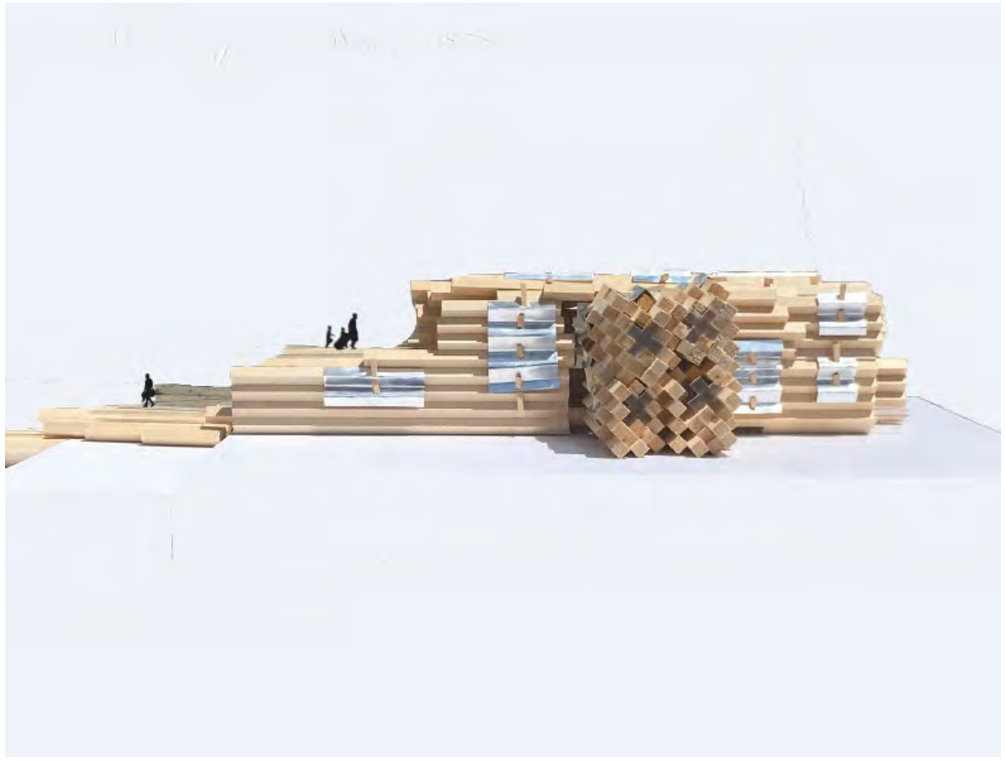
SECTIONS





PLANS





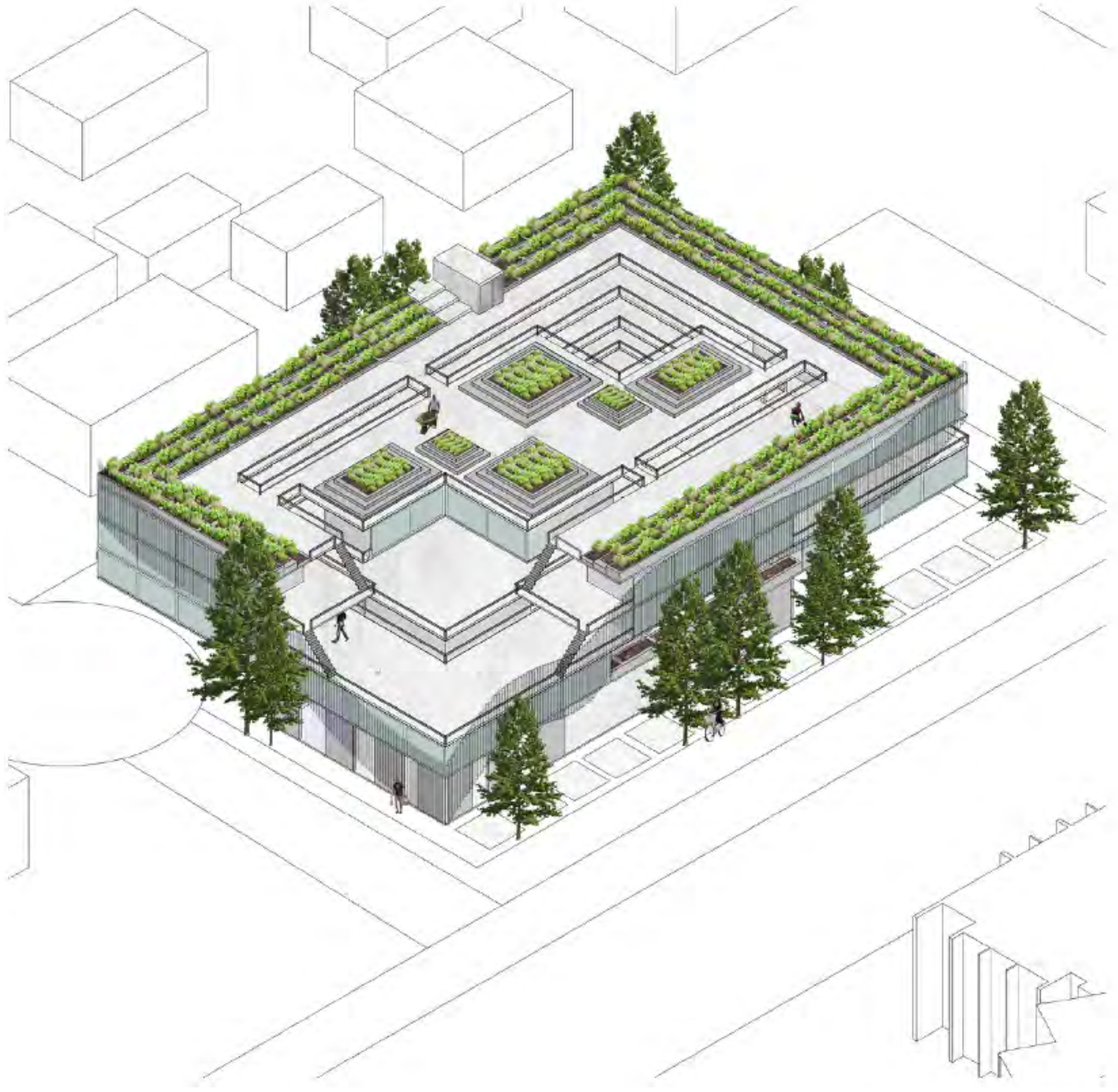
PHYSICAL MODEL

CO-OP CITY

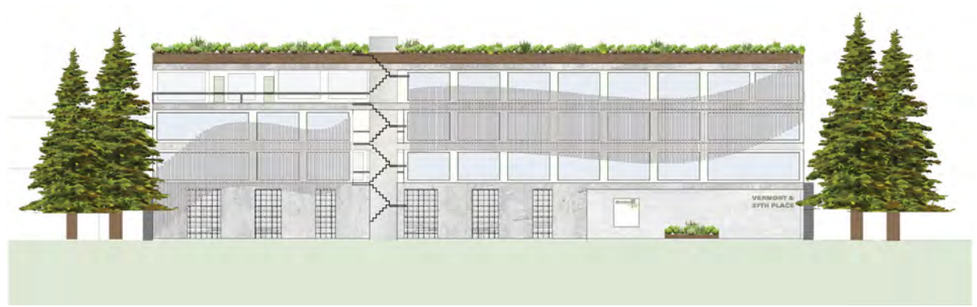
ARCH 302A | FALL 2022
INSTRUCTOR: CHARLES LAGRECO

Located on Vermont Avenue in South Central, Los Angeles, Co-op City is a conglomeration of four sustainable affordable housing projects with the common goal of providing proper access and education to nutritious food within the food desert of the neighborhood.

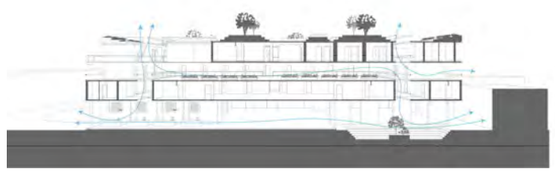
Utilizing the bulk of the site, the building is comprised of four levels of six square modules, each floor removing two squares to create varying access to sunlight, ventilation, and views. Workstations of garden space, food processing, and cafeteria turn from private to public as you move downward. The facade features vertical photo voltaic panels, oriented to maximize sunlight and provide shade.

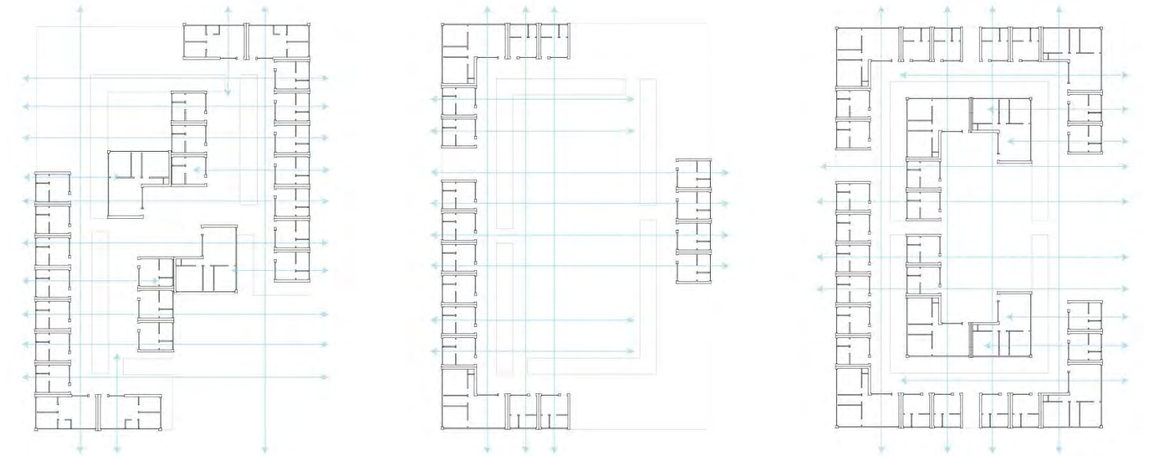


PROJECT ISOMETRIC



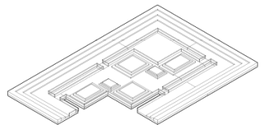
ELEVATIONS





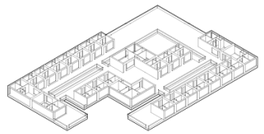
VENTILATION DIAGRAM

ROOFTOP



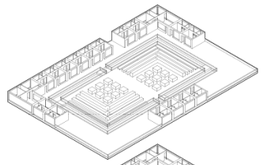
- rooftop garden
- terraced planters
- public elevator access

4TH FLOOR



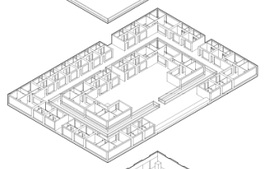
- 20 single units
- 4 double units
- 2 family units

3RD FLOOR



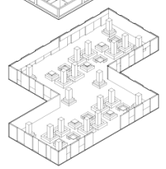
- 16 single units
- 2 family units
- crop prep
  - 8 terraced planters
  - 18 sinks/prep stations

2ND FLOOR

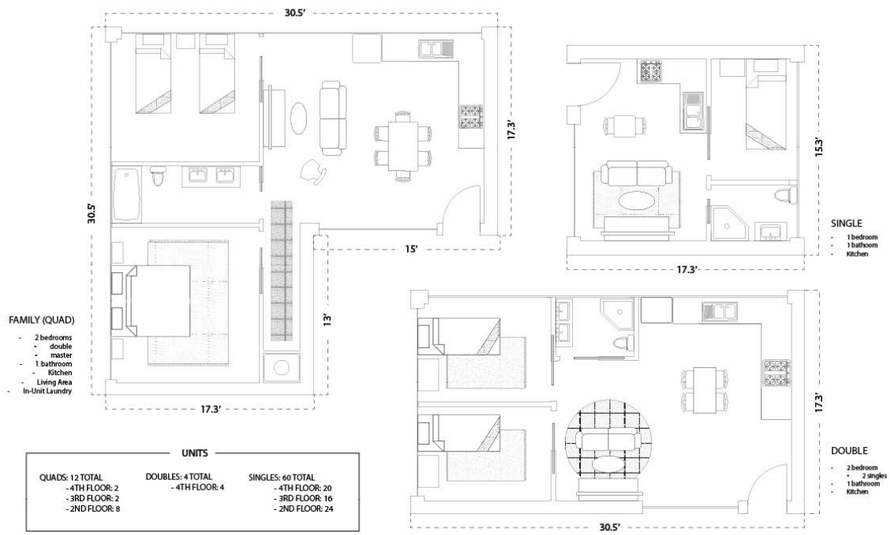


- 24 single units
- 6 family units
- small scale gardening

GROUND FLOOR



- food court
- 12 rentable kiosks
- 12 indoor benches
- small scale gardening



PROGRAM & UNIT PLANS

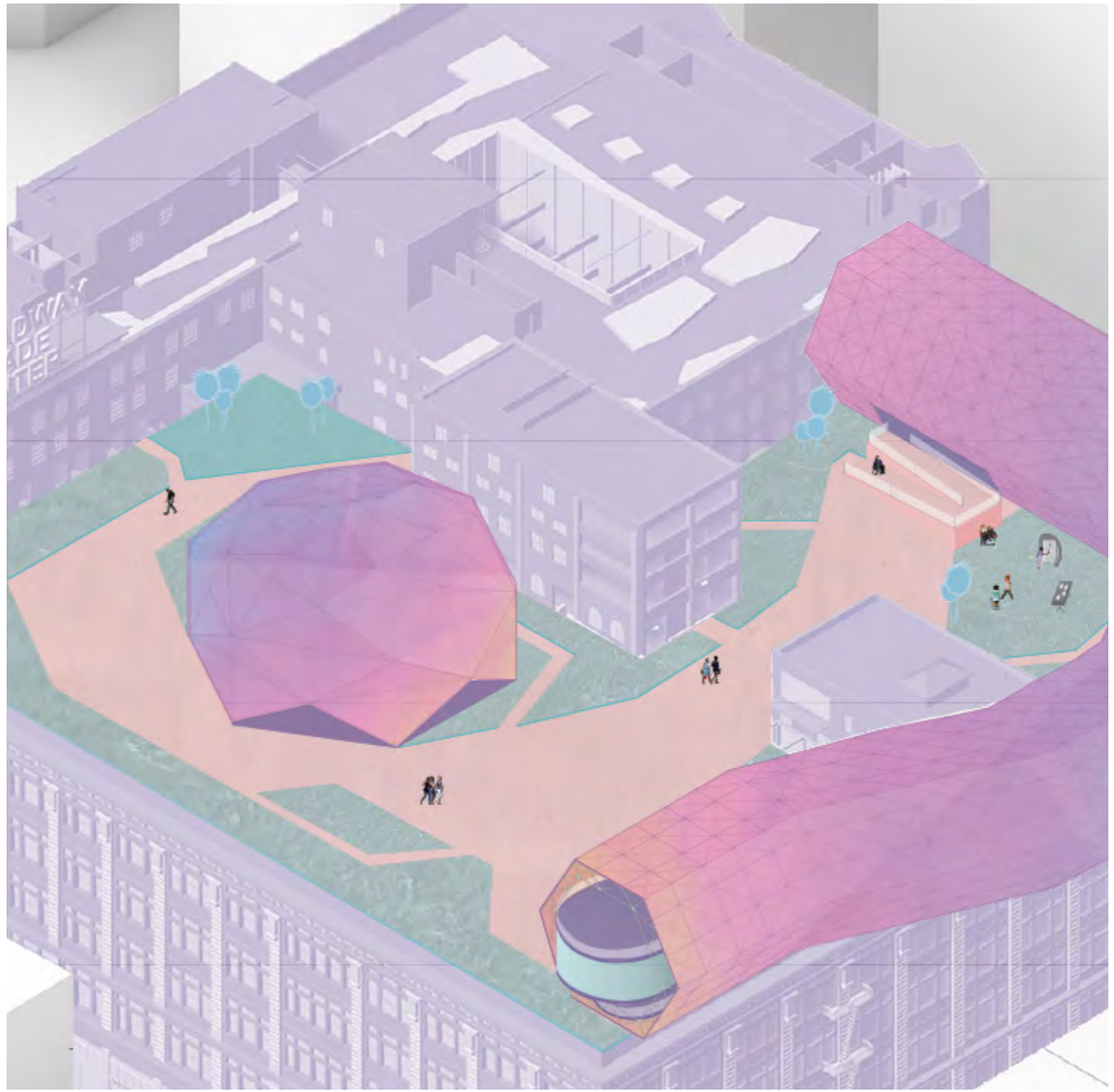
INTERIOR PERSPECTIVES

ROOFTOP RHAPSODY

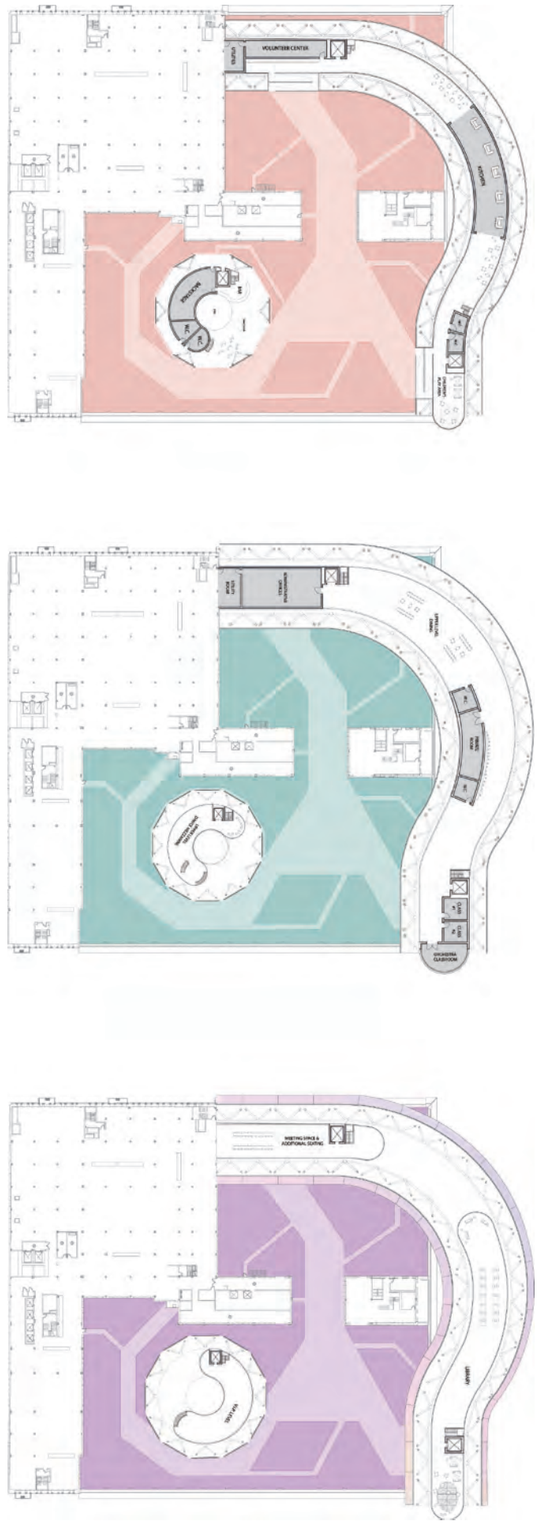
ARCH 302B | SPRING 2023
INSTRUCTOR: VALERY AUGUSTIN

Atop a historic Beaux-Arts style building on Broadway in Downtown, Los Angeles, Rooftop Rhapsody is a music-driven community center and nightclub. Balancing the intensity of steel structural space frames with a delicate glass facade, the community center acts in parasitic-nature the existing building, only seen in peeks from pedestrians on the sidewalk below.

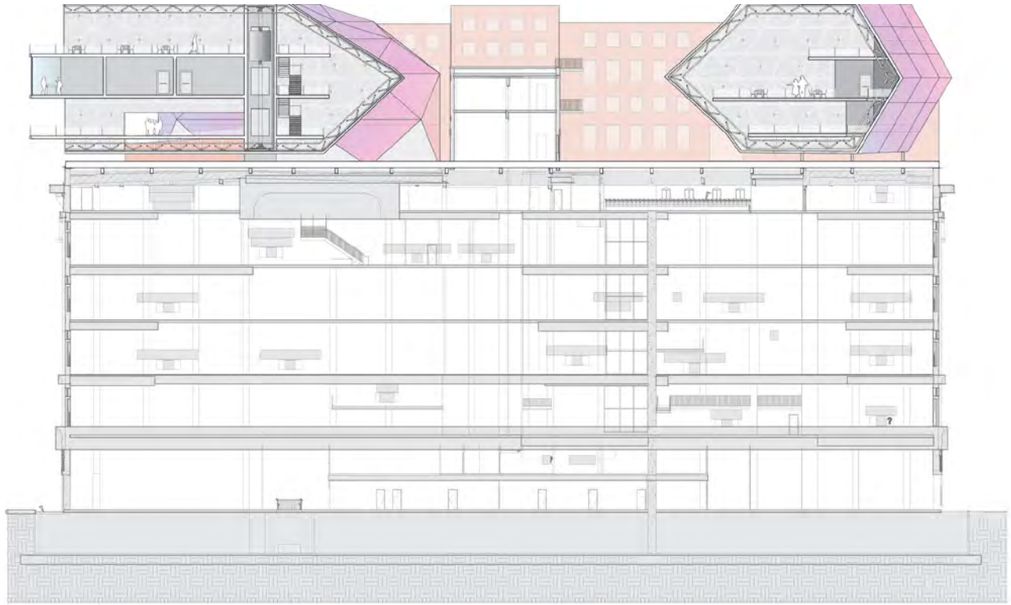
Rooftop Rhapsody aims to provide education and appreciation for the arts, offering access to music all day and all night. Amidst the cacophony of sound at street level, the community center is an oasis of melody, high above the ground.

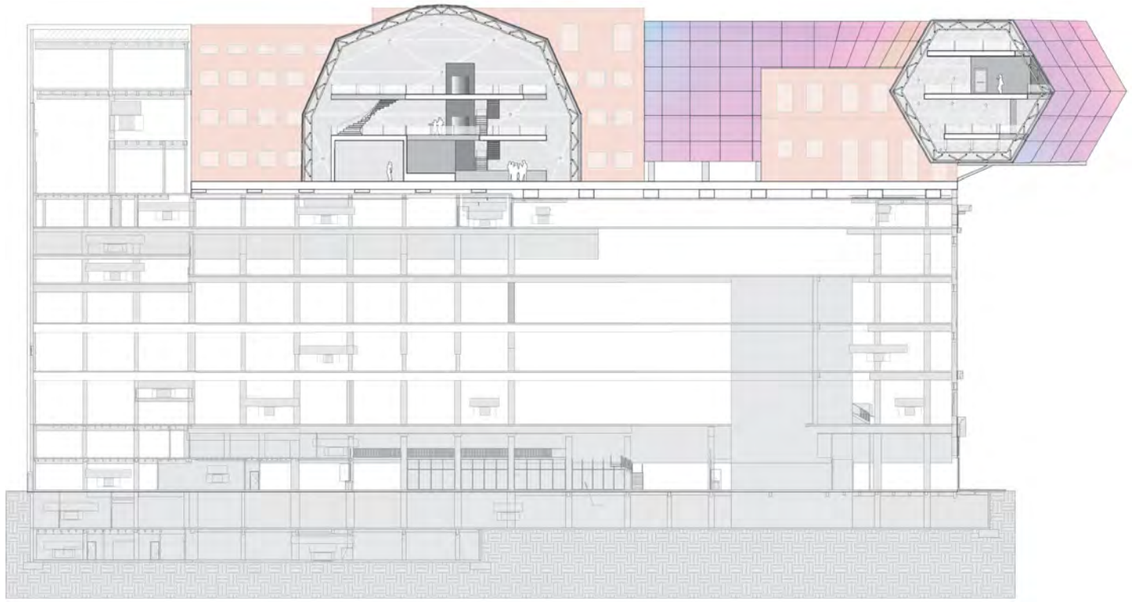


PROJECT ISOMETRIC

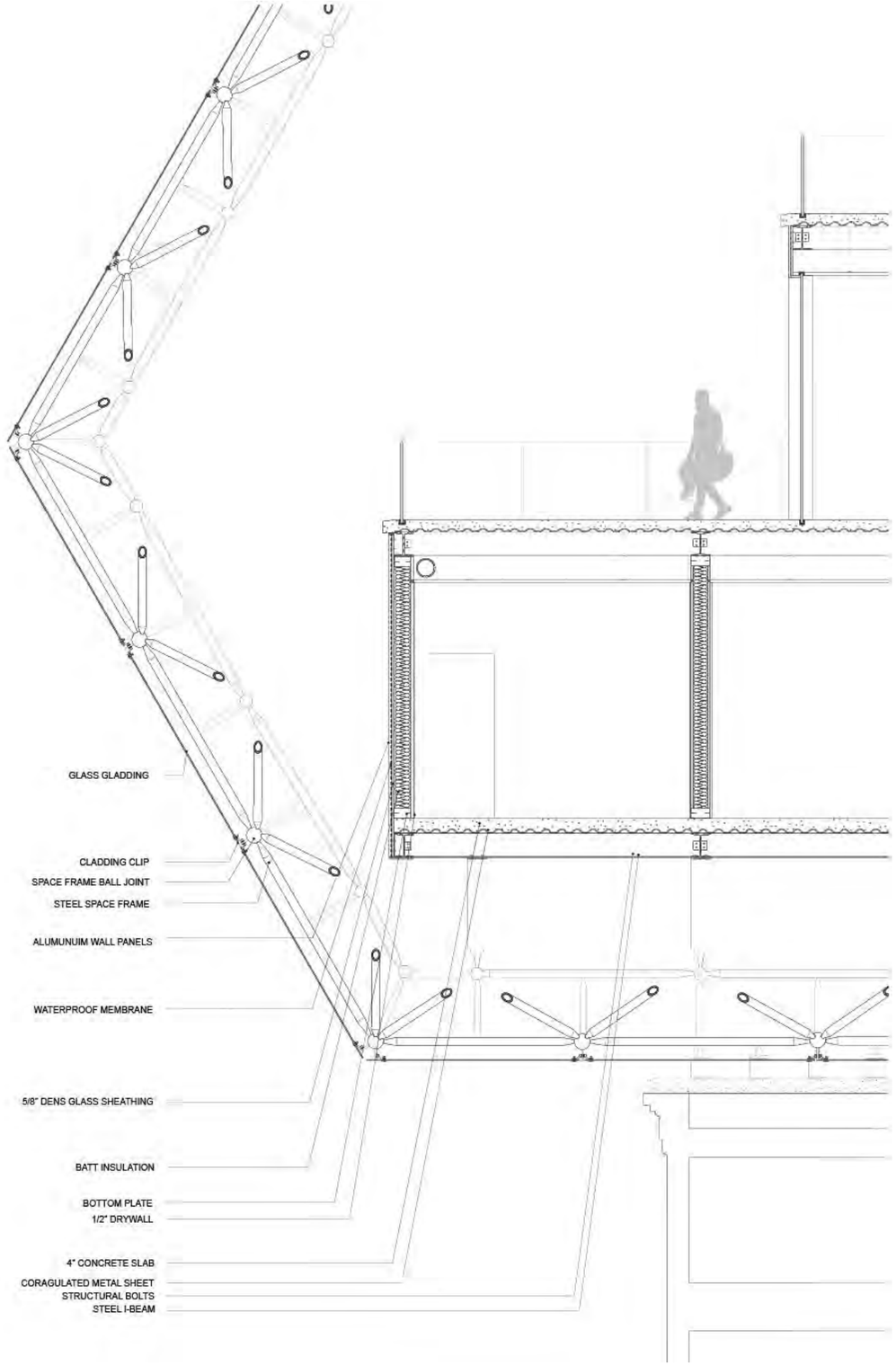


PLANS





SECTIONS



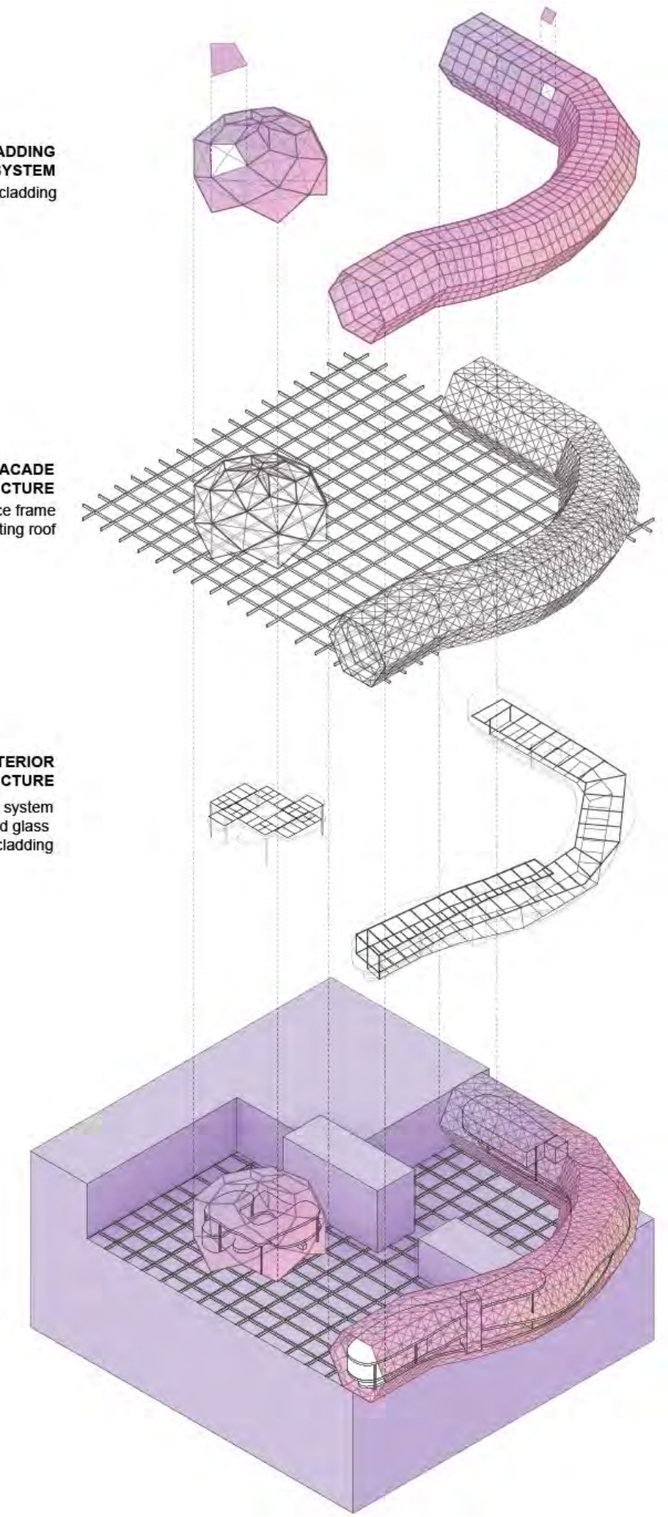
WALL SECTION

FACADE CLADDING SYSTEM
- glazed glass cladding

EXTERIOR FACADE STRUCTURE
- steel space frame

structural grid from existing roof

PRIMARY INTERIOR STRUCTURE
- structual steel system
- concrete and glass interior cladding



EXPLODED ISOMETRIC

INTERIOR PERSPECTIVES

PHYSICAL MODEL

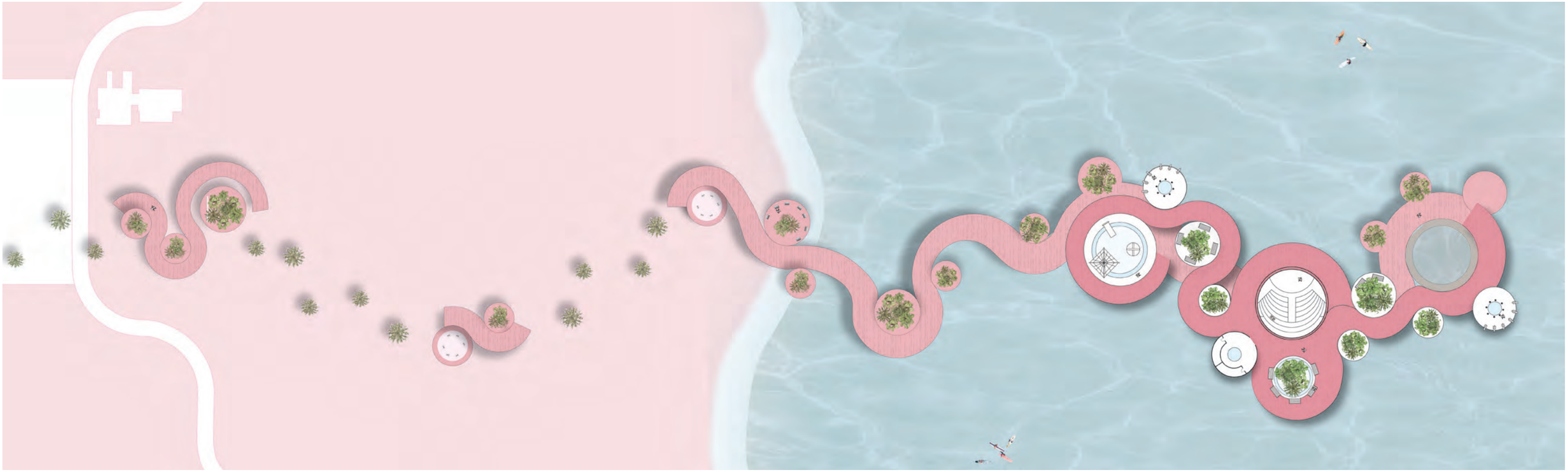
O-CEAN PARK PIER

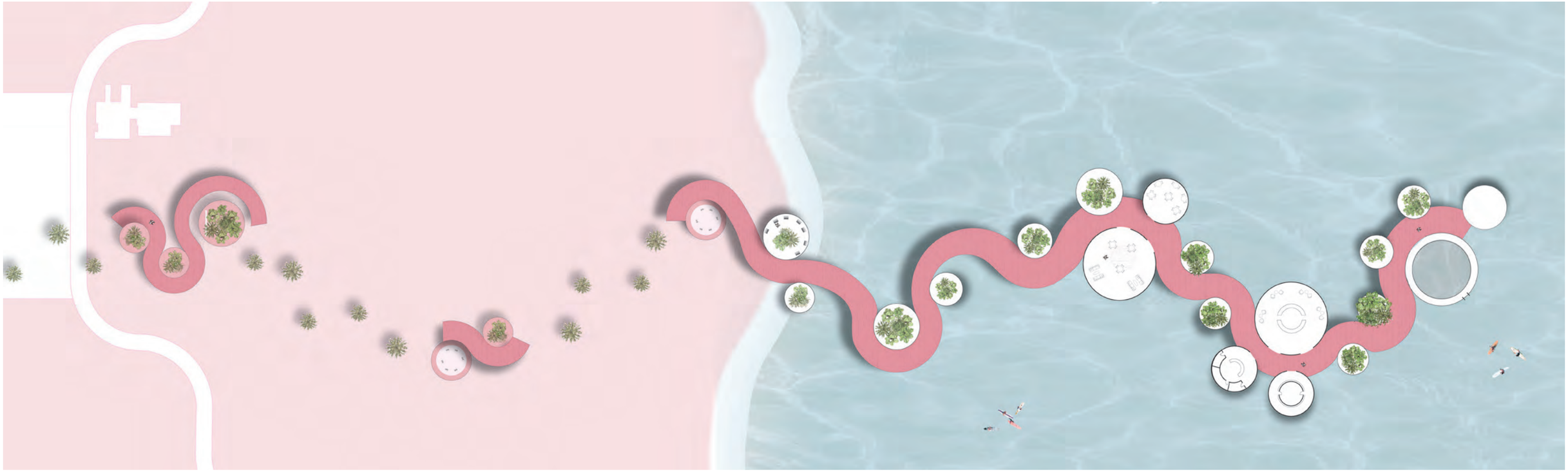
ARCH 402A | FALL 2023
INSTRUCTOR: DORA CHI

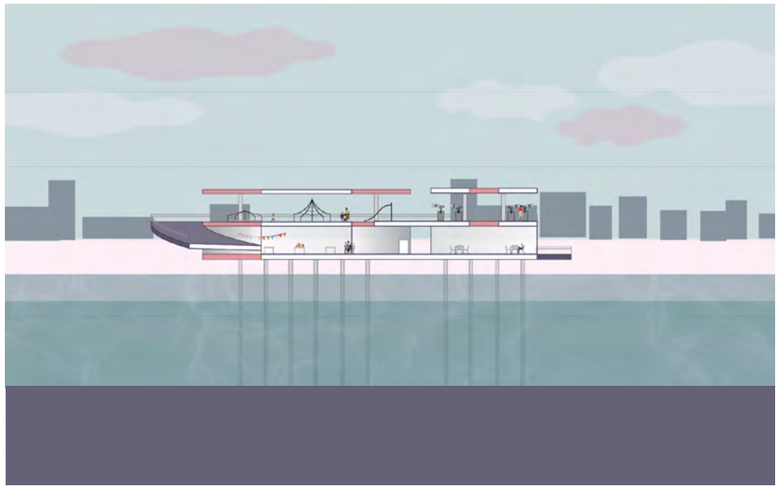
On the Southern California coastline, between Santa Monica and Venice Beach, O-cean Park Pier is a public entertainment space, bleeding from the city to the waterfront, engaging residents from the sidewalk to the sea. With a public playground, outdoor amphitheater and protected pool, the pier is a hub of entertainment revitalizing a particularly desolate stretch of the beach.

Using circular platforms as nodes of program, the path travels along the tangents, even ramping up to avoid creating corners, and with them dead-ends, encouraging visitor to move further out to sea. Responding to varying tide levels, the concrete structure provides interactions with the sand and water.

PROJECT ISOMETRIC







SECTIONS

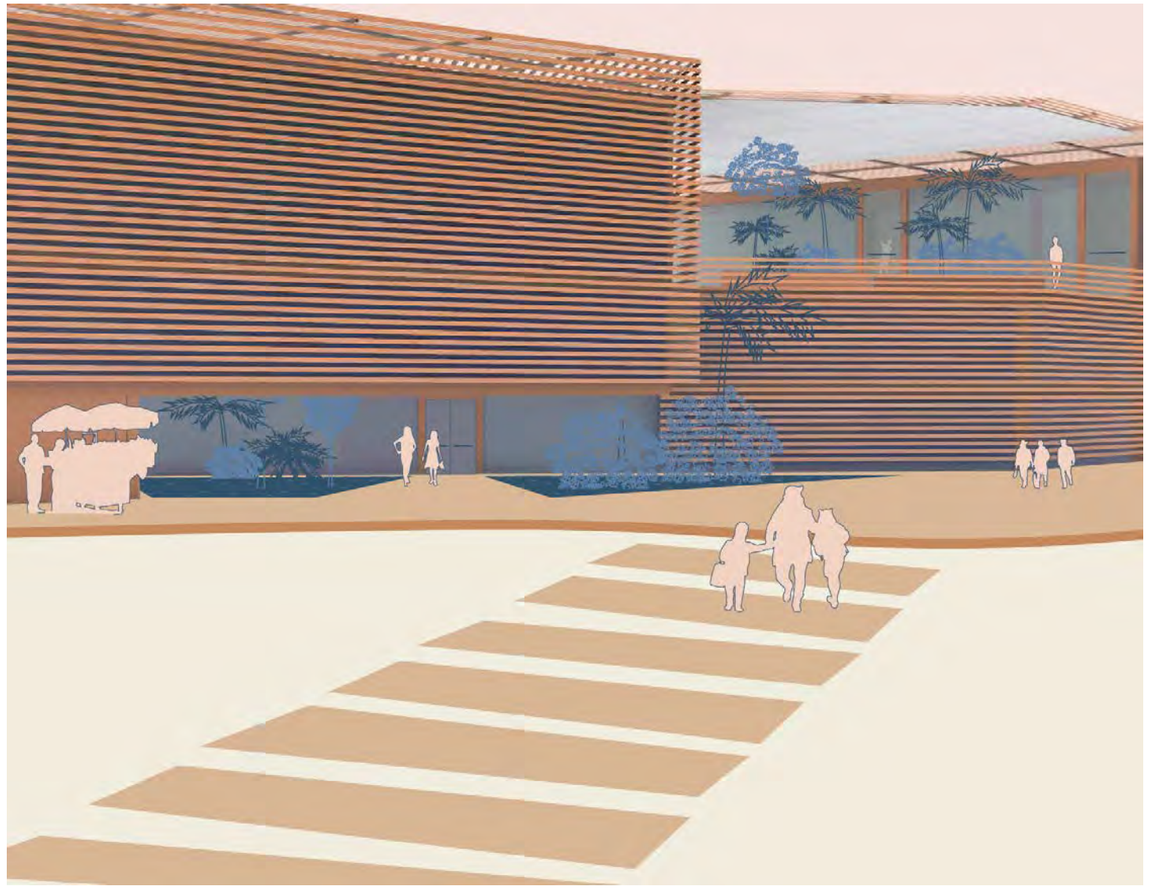
PERSEPCTIVES

L.A. ON LOOP

ARCH 500A | FALL 2024
INSTRUCTOR: SELWYN TING

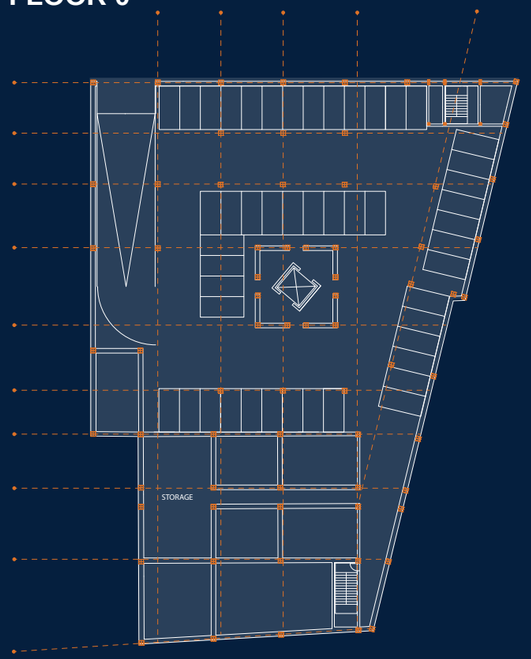
Sitting on the intersection of a three streets and the conversion of a multitude of culturally significant neighborhoods, L.A. On Loop is a film museum dedicating to reflecting the film and historical lives of Los Angeles. Using CLT construction and an aluminum screen-facade, the museum prioritizes sustainable design, including responses to structural constraints, water collection, and daylighting.

The form resembles an infinity-sign, with the circulation traveling linearly through the building, much like the sequential pattern of both a film's plot and the timeline of L.A.'s history. Attracting patrons from the sidewalk, the museum transforms from more public to private spaces as you wind through the building.

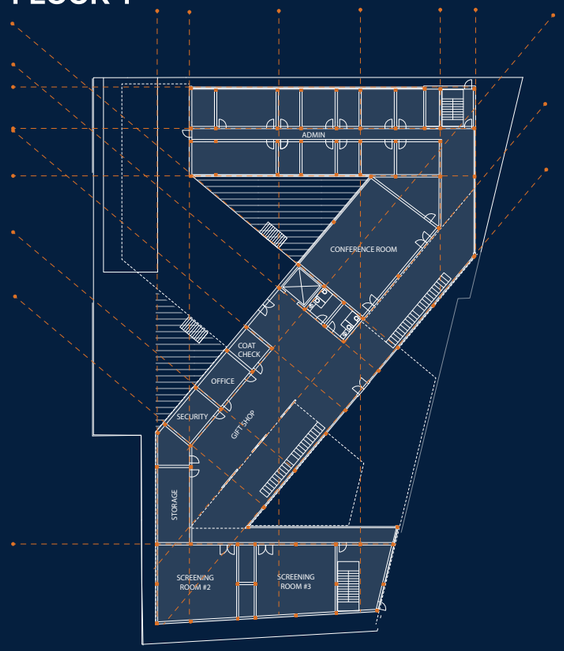


EXTERIOR PERSPECTIVE

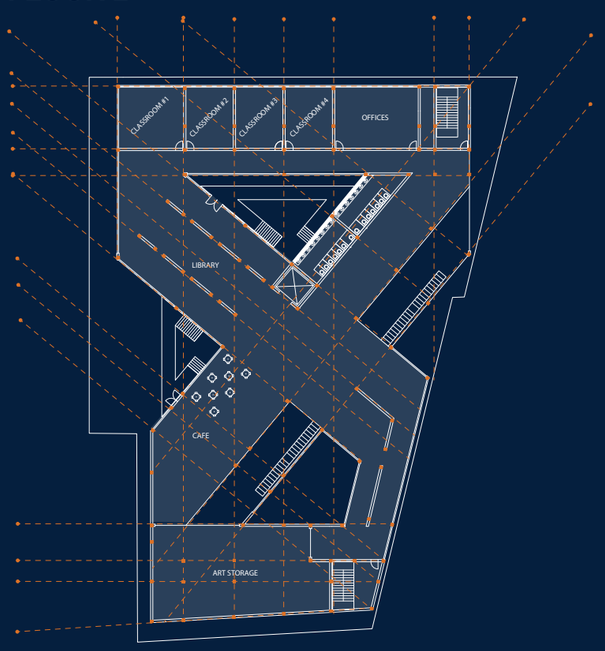
FLOOR 0



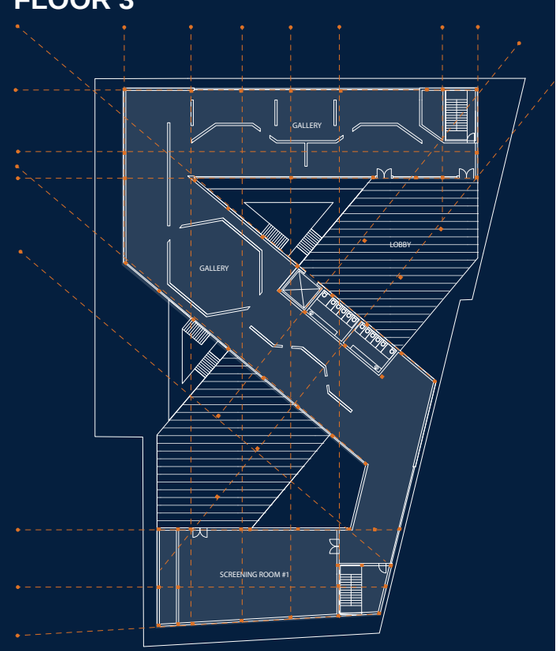
FLOOR 1

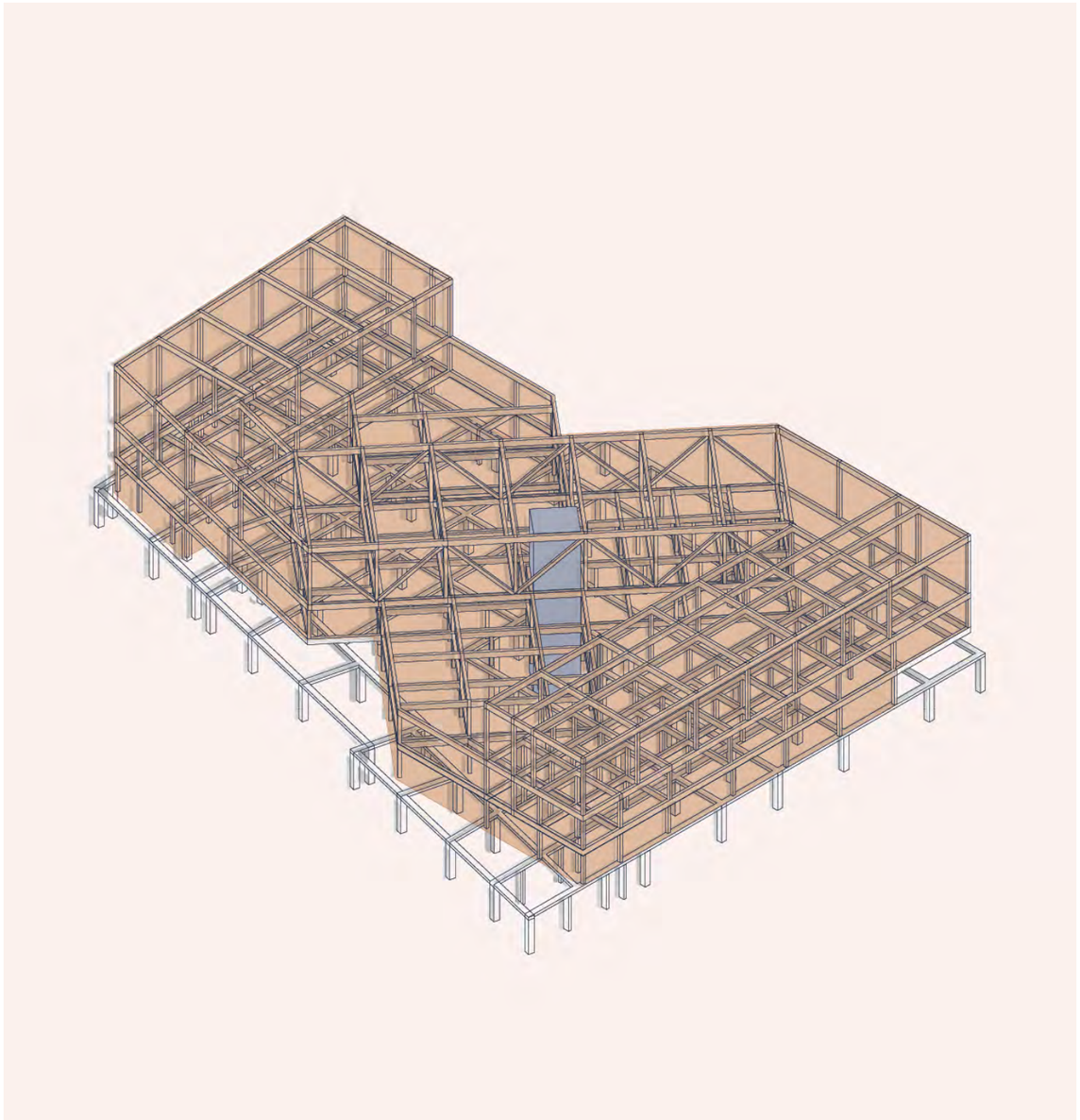


FLOOR 2

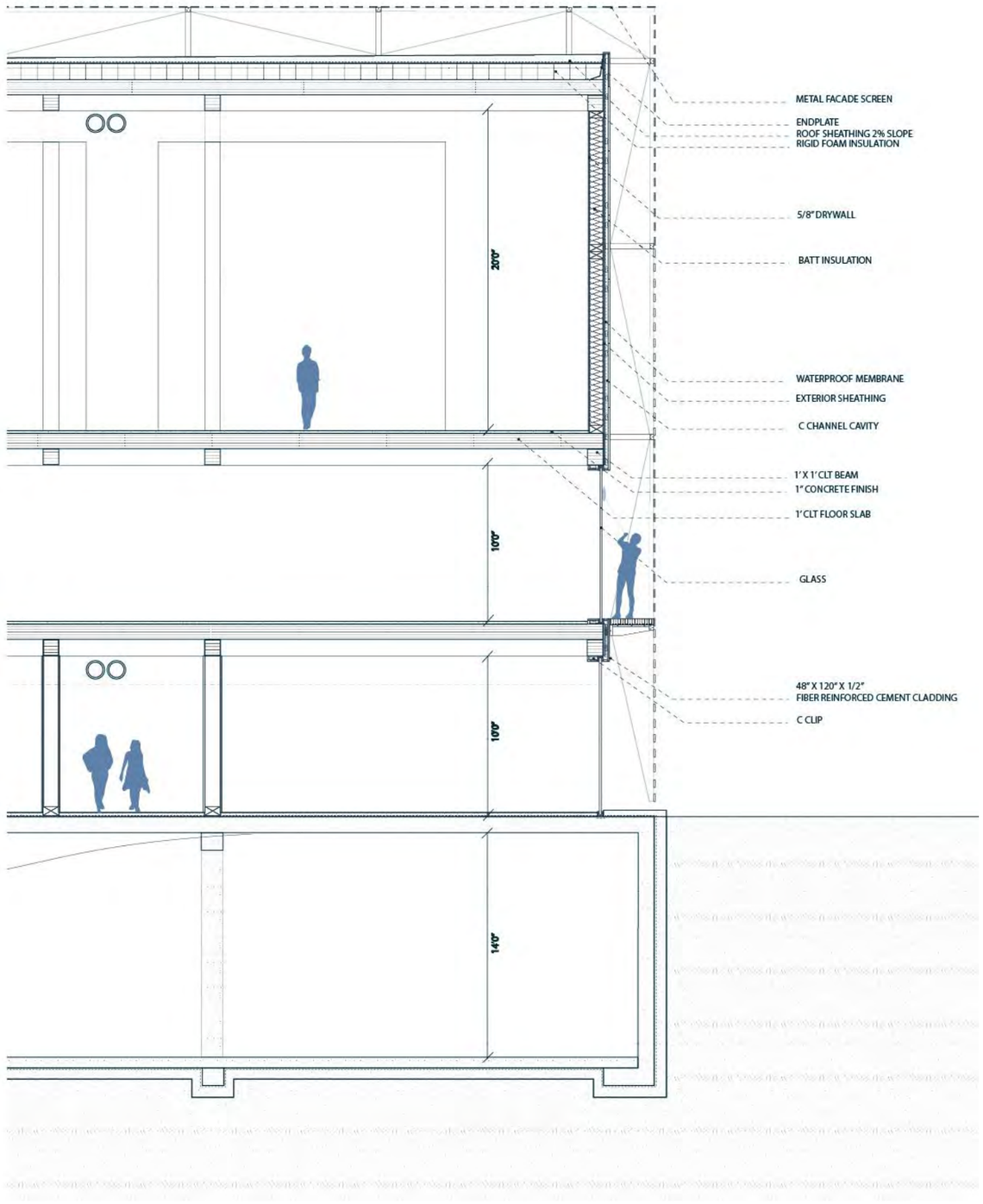


FLOOR 3

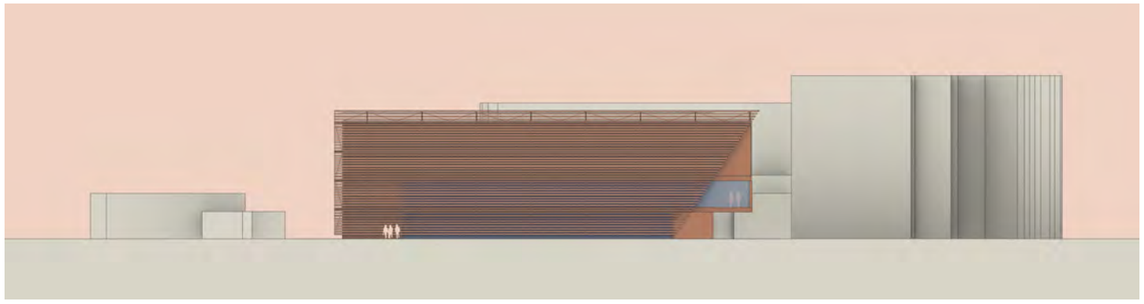




STRUCTURAL ISOMETRIC

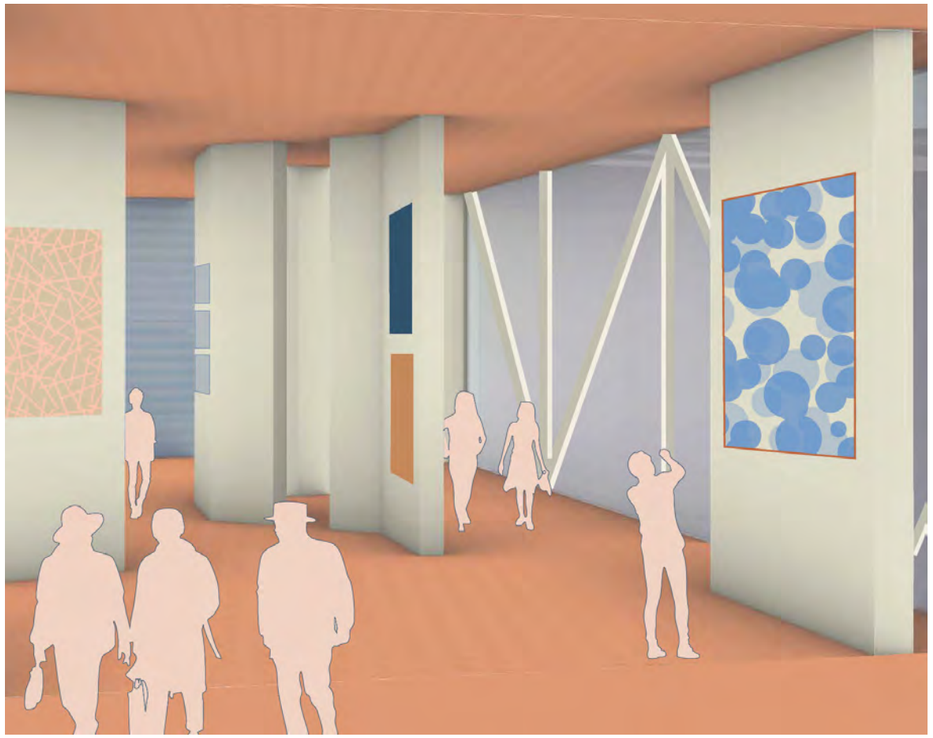


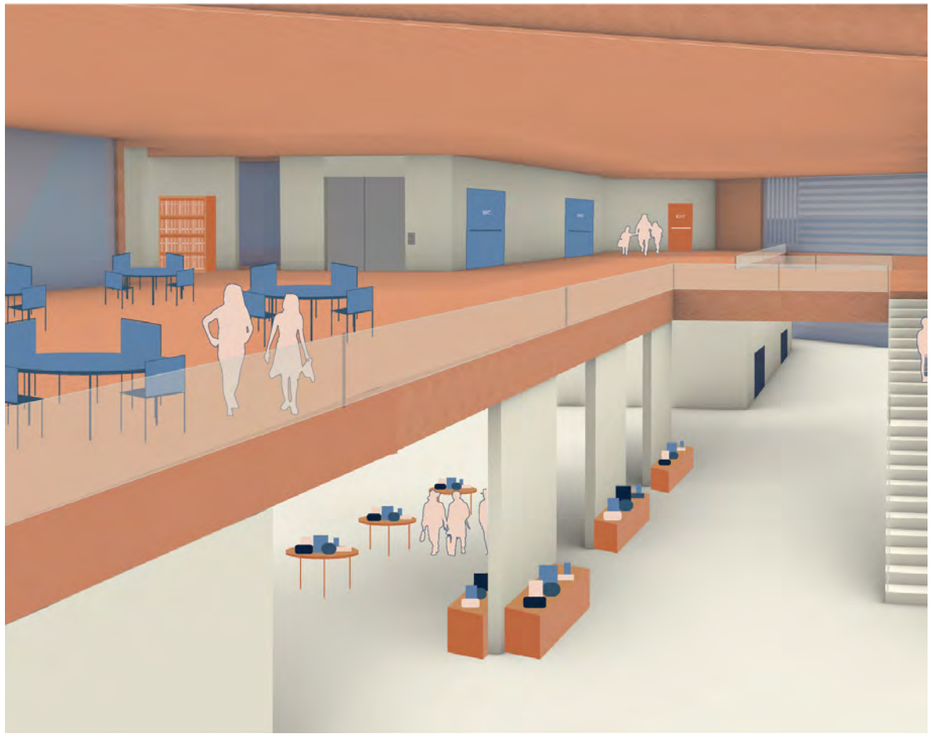
WALL SECTION



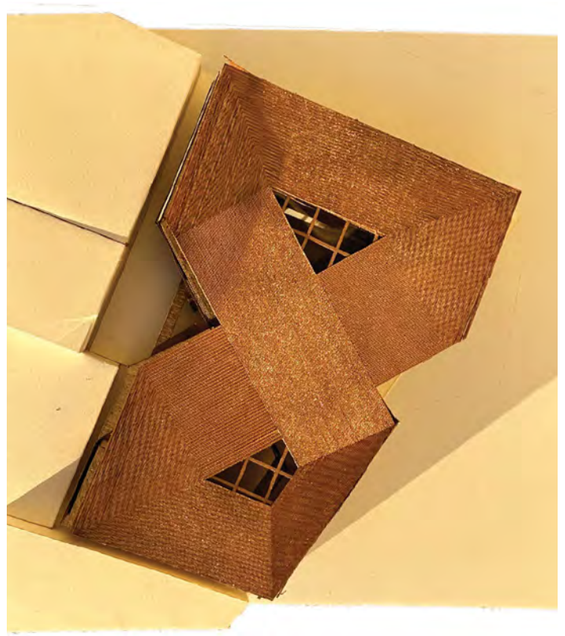
ELEVATIONS

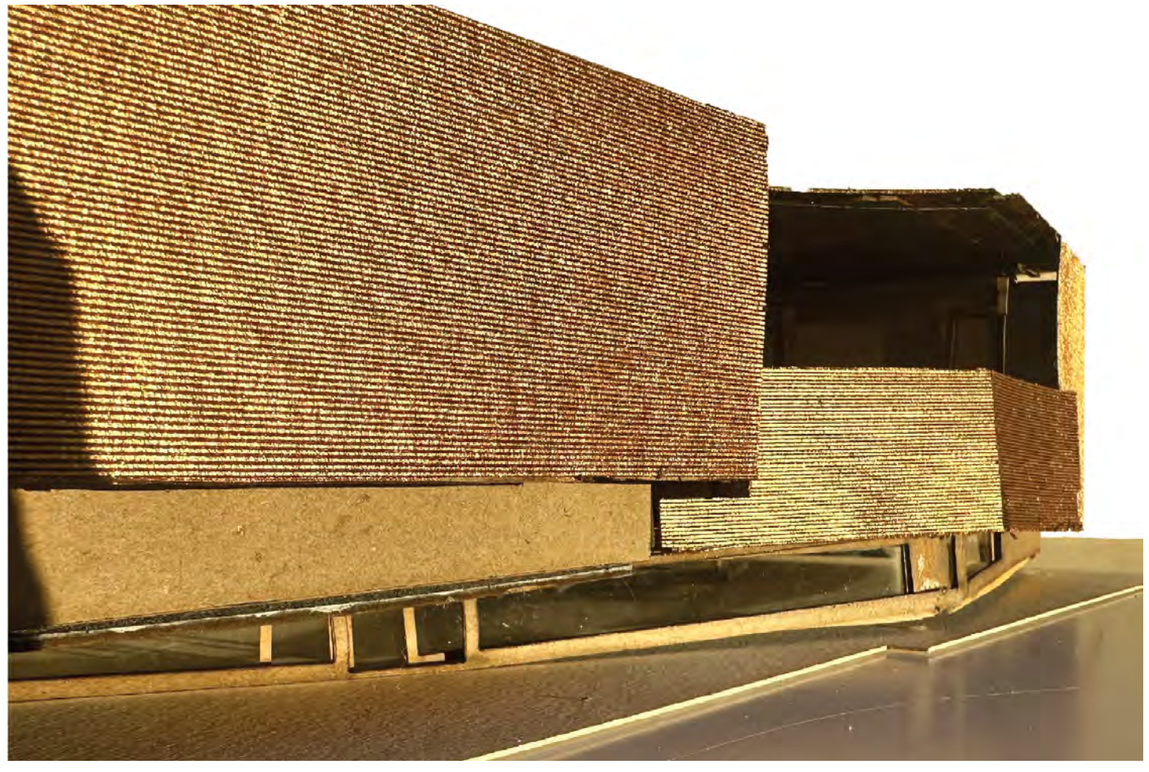
SECTIONS





INTERIOR PERSPECTIVES





PHYSICAL MODEL