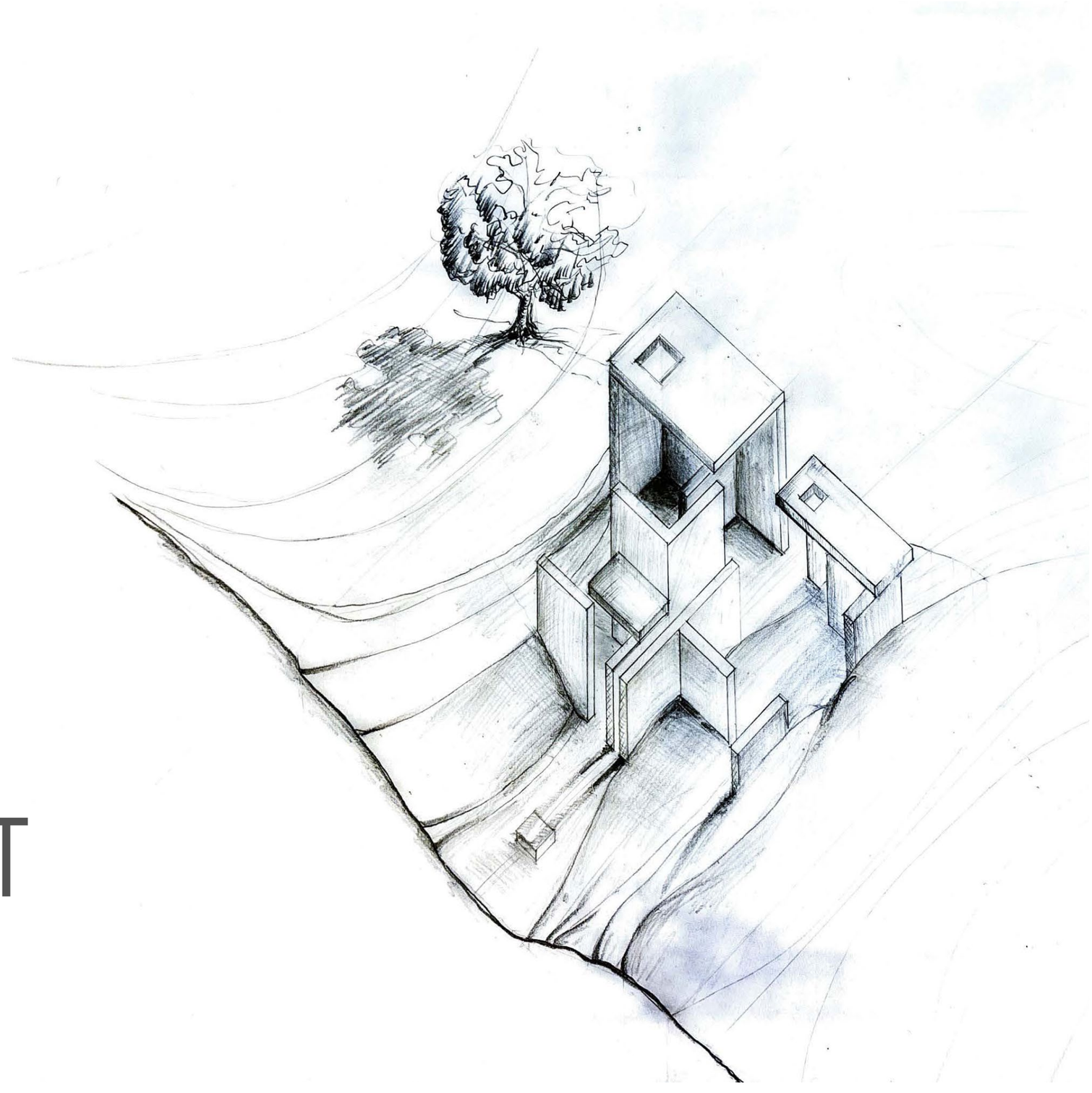


SAM HEWITT

PORTFOLIO

CONTENTS

TWIN SLOPES LANDING

ARCH 682 STUDIO NOVEMBER 2025

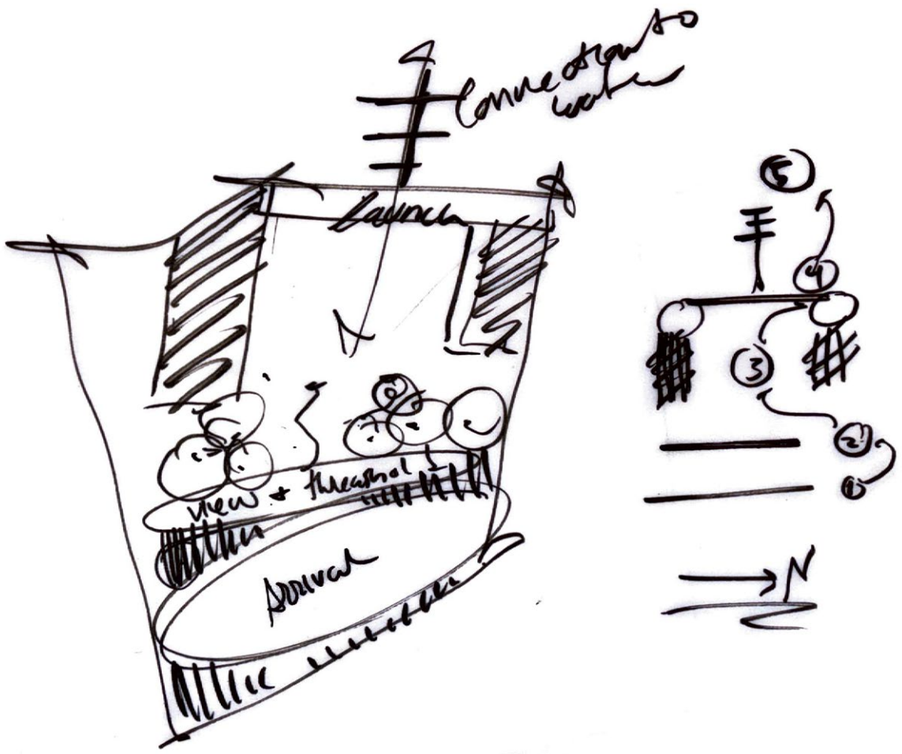
PORTLAND, OREGON

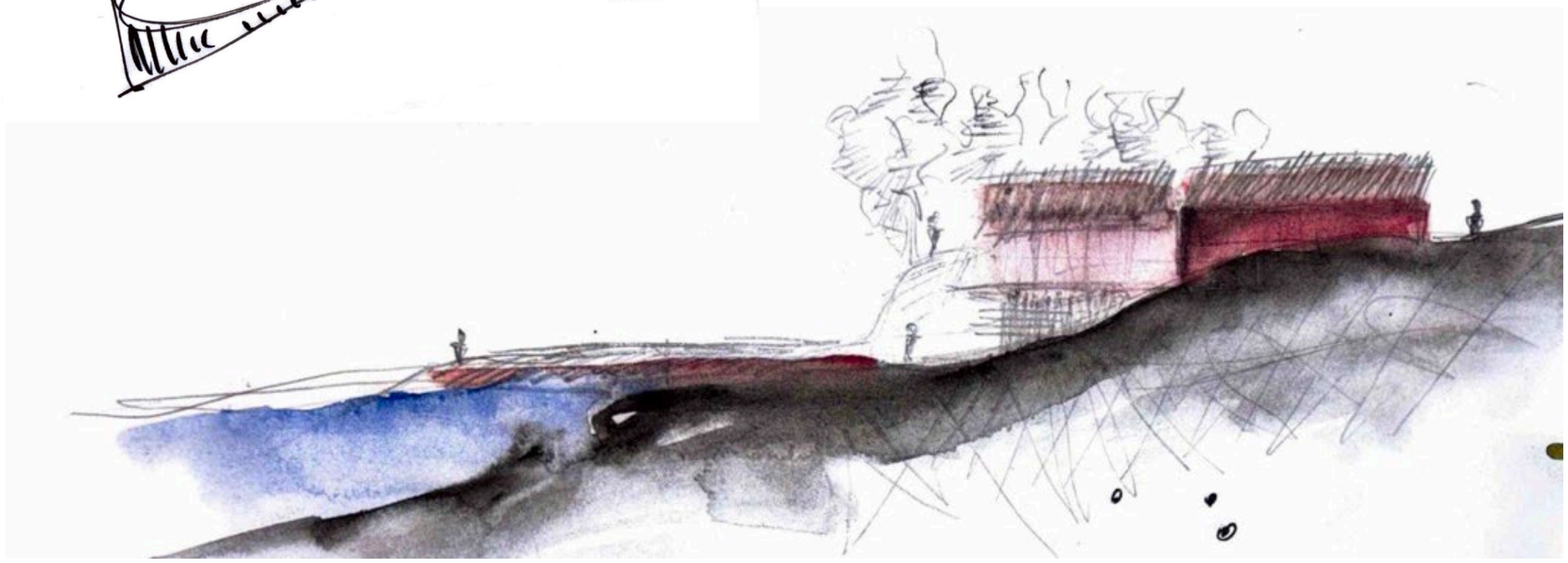
EXPERIENCE DRIVEN DESIGN

Twin Slopes Landing is a proposed boathouse for high school rowing teams along Portland's east waterfront within the Springwater Corridor. The project prioritizes minimal site disturbance and direct access to the Willamette River to reduce construction complexity and support daily use by athletes.

Softwares: Rhino, ID, AI, PS, Archicad, Enscape

Project Type: Civic, Athletic Facility

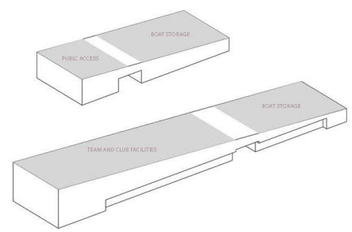


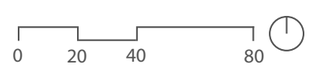


SEPARATION OF ATHLETES AND PUBLIC

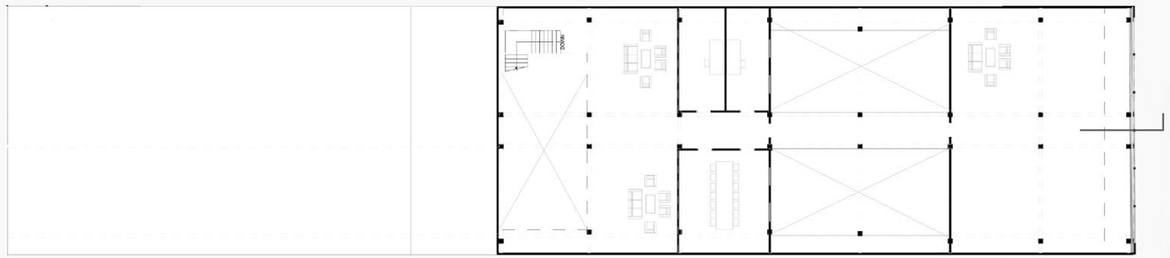
PROGRAM

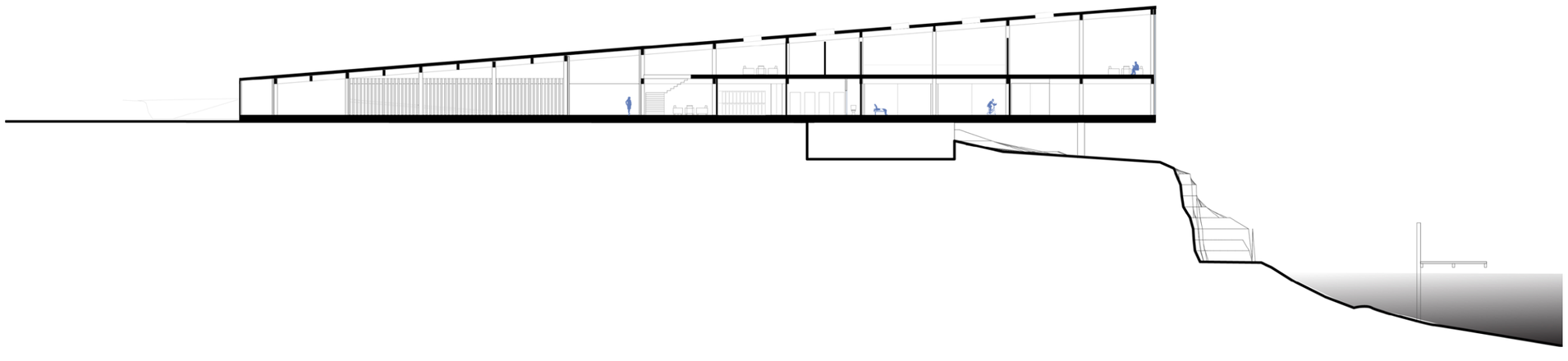
1. SITE ENTRANCE
2. TRAILER PARKING/STORAGE
3. PARKING
4. POINT OF SALE
5. BOAT STORAGE
6. ATHLETE LOBBY/LOUNGE
7. LOCKER ROOMS
8. WORKOUT ROOM
9. ERG ROOM/ROWING
10. DOCK
11. MOTOR BOAT STORAGE
12. GENERAL STORAGE





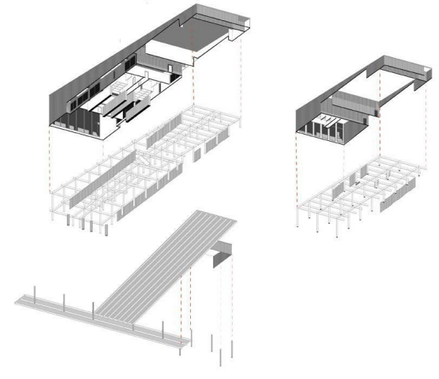
ORGANIZATION



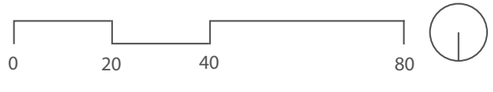


TECTONICS

These buildings are constructed with concrete footings and slab, with mass timber post and beam construction for longer spans. The cladding is Corten steel and wood screening.

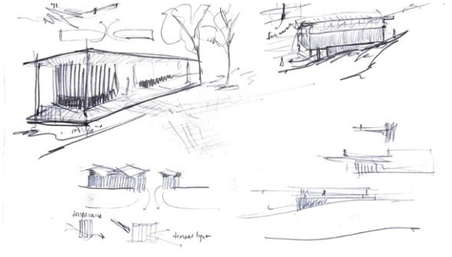


The second floor of the main building contains administrative spaces and the athlete lounge. The first floor holds the training facilities.



BEGINNING OF PRACTICE 7:00 AM

My interests in this studio were facade design, massing design, and designing for the sequence of experience. The skills explored in this studio were rapid iteration with physical and digital media, exploring grade and topography implications on the site, and digital rendering.



SHUFFLE ON SUNNYSIDE

ARCH 683 STUDIO WINTER 2026

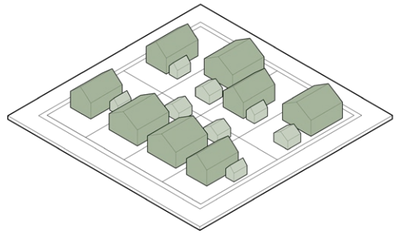
PORTLAND, OREGON

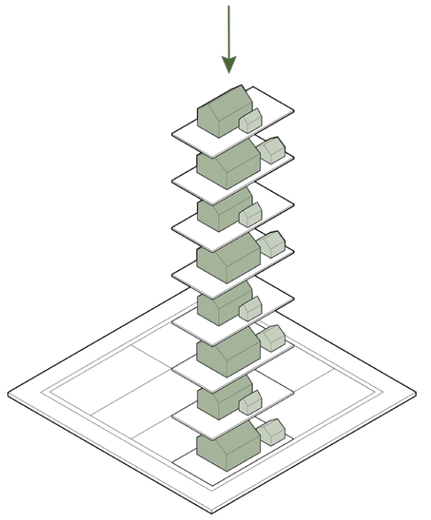
In collaboration with
Adam Martin
Alyanna Mercado
Mckaden Tigue

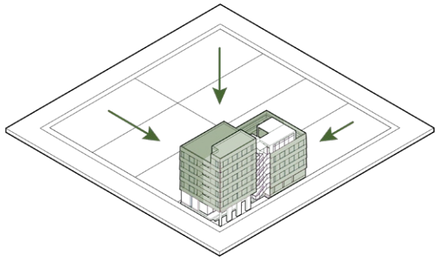
My Contribution: Design iteration, floor plans, Model build, interior renders

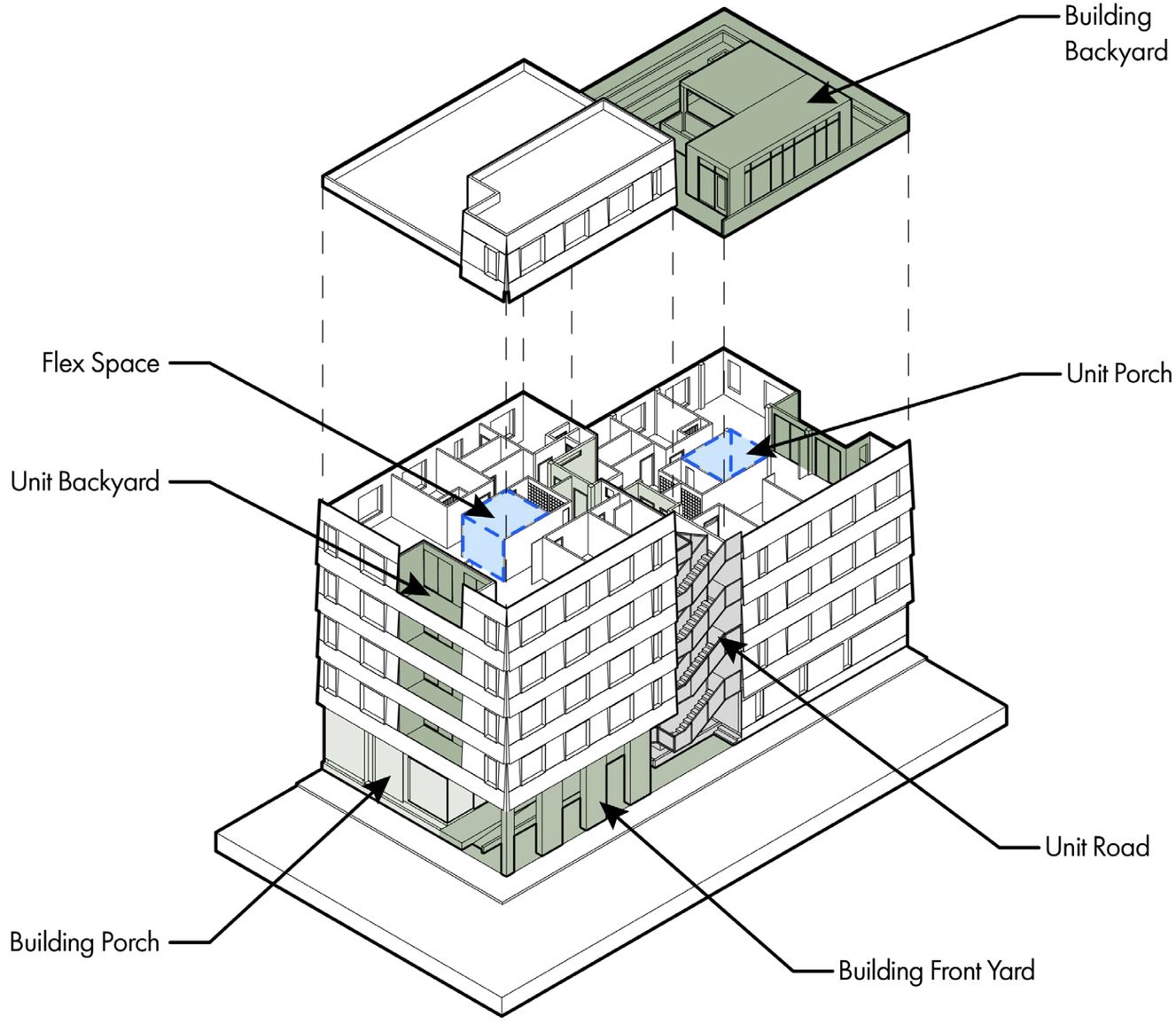
A NEW MODEL FOR THE HOME + ADU

Housing in the Pacific Northwest stands at a critical intersection: the cultural preference for single-family living conflicts with the urgent need for density, sustainability, and affordability. This project bridges that divide by reimagining the single-family home as a vertically layered, adaptable housing model that integrates accessory dwelling units within a multifamily framework. Through a single-stair organization and flexible unit configurations, the building preserves the autonomy and familiarity of a house while achieving the efficiency and community of dense urban living. This project was submitted to the single stair housing competition.

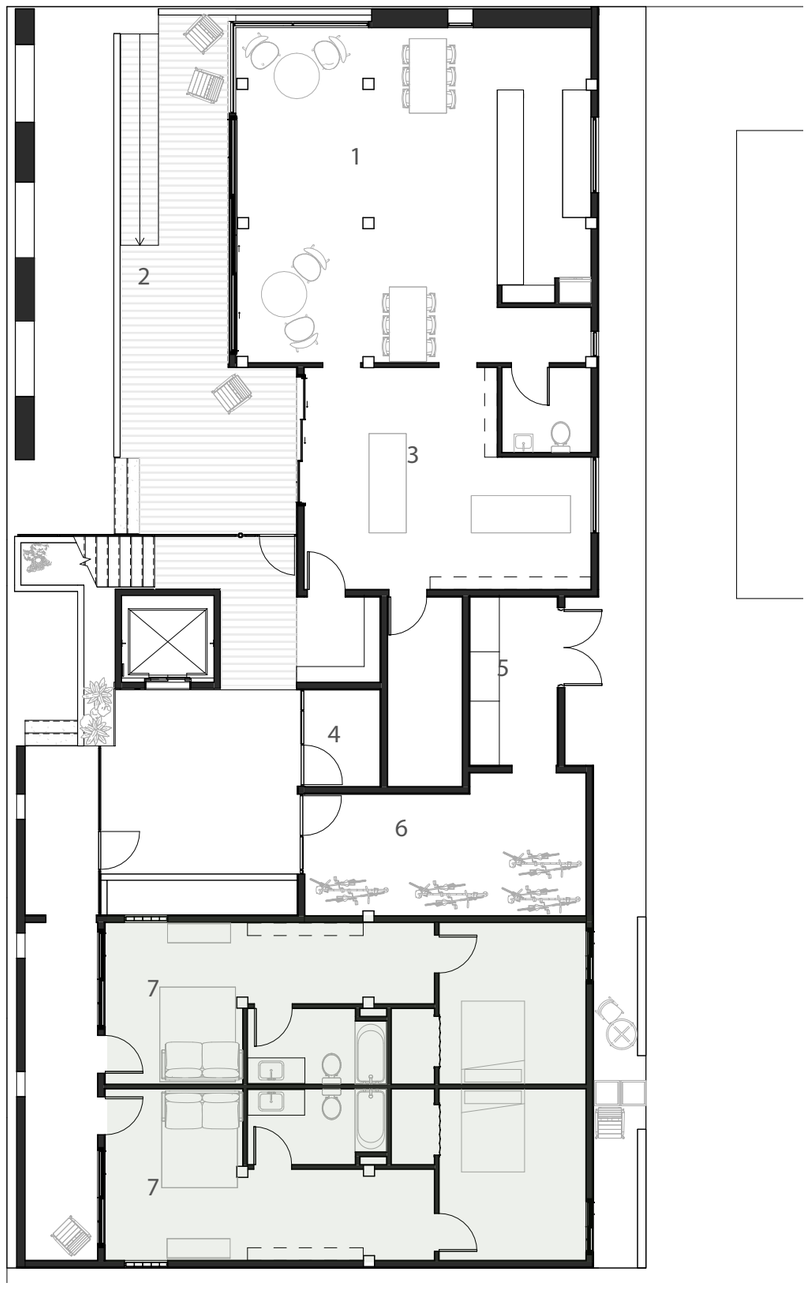


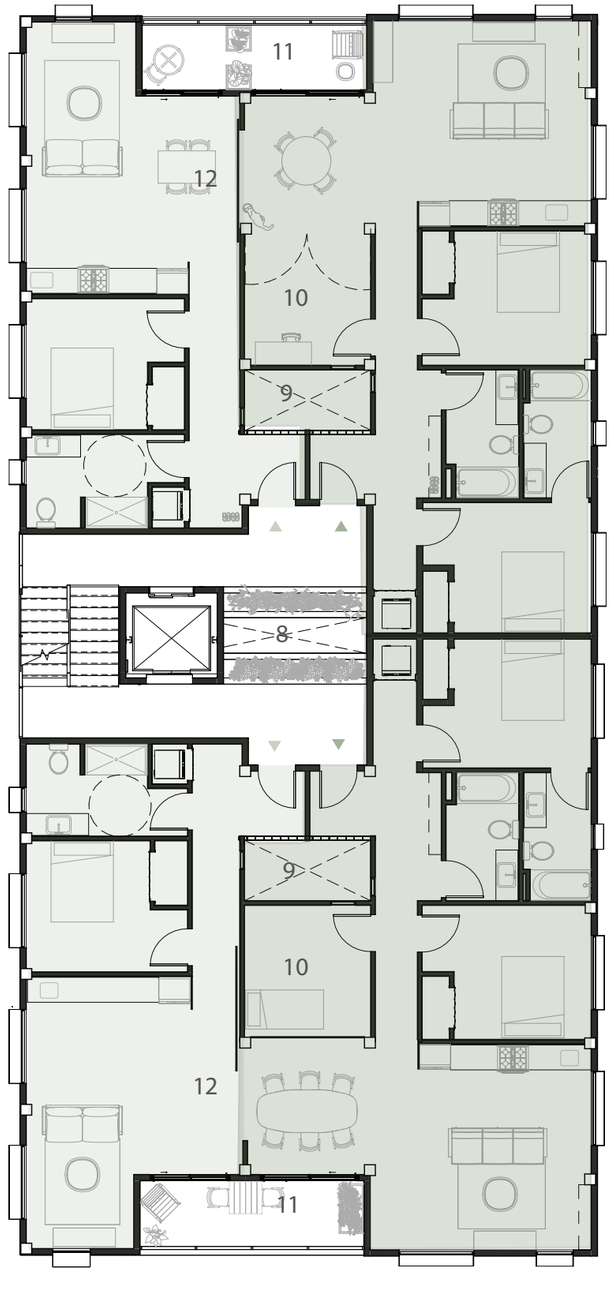






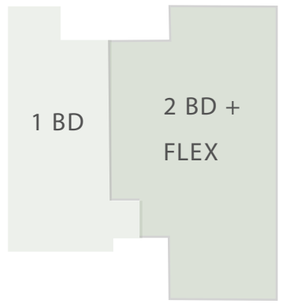
FIRST AND TYPICAL FLOOR PLANS





PROGRAM

1. CO-WORKING SPACE
2. DECK SPACE
3. MAKERS SPACE
4. MAIL ROOM
5. TRASH ROOM
6. BIKE STORAGE
7. GROUND FLOOR UNITS
8. PLANTER BEDS
9. STACK VENTILATION SPACE
10. FLEX ROOM
11. INSET SHARED BALCONY
12. SLIDING DOOR/ REMOVABLE WALL



FLEXIBLE HOMES OVER TIME

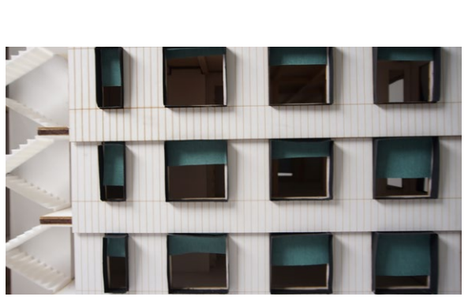
Susan turned the flex space into a nursery since she had her first child.

Joe is new to Portland and is renting a one bed after the owner's kid moved out of this smaller adjacent unit. He is looking forward to shared dinners on the patio with his neighbours.

PHYSICAL MODEL

Throughout this project I delved into the physical model and using this model for representation of the interior renders, facade, and shading devices.

Each home + ADU pair is meant to be flexible over time accommodating families as they grow and through different life stages.



Drawing by Alyanna Mercado

Drawing by Alyanna Mercado

Drawing by Alyanna Mercado

REFUGIO NUEVO

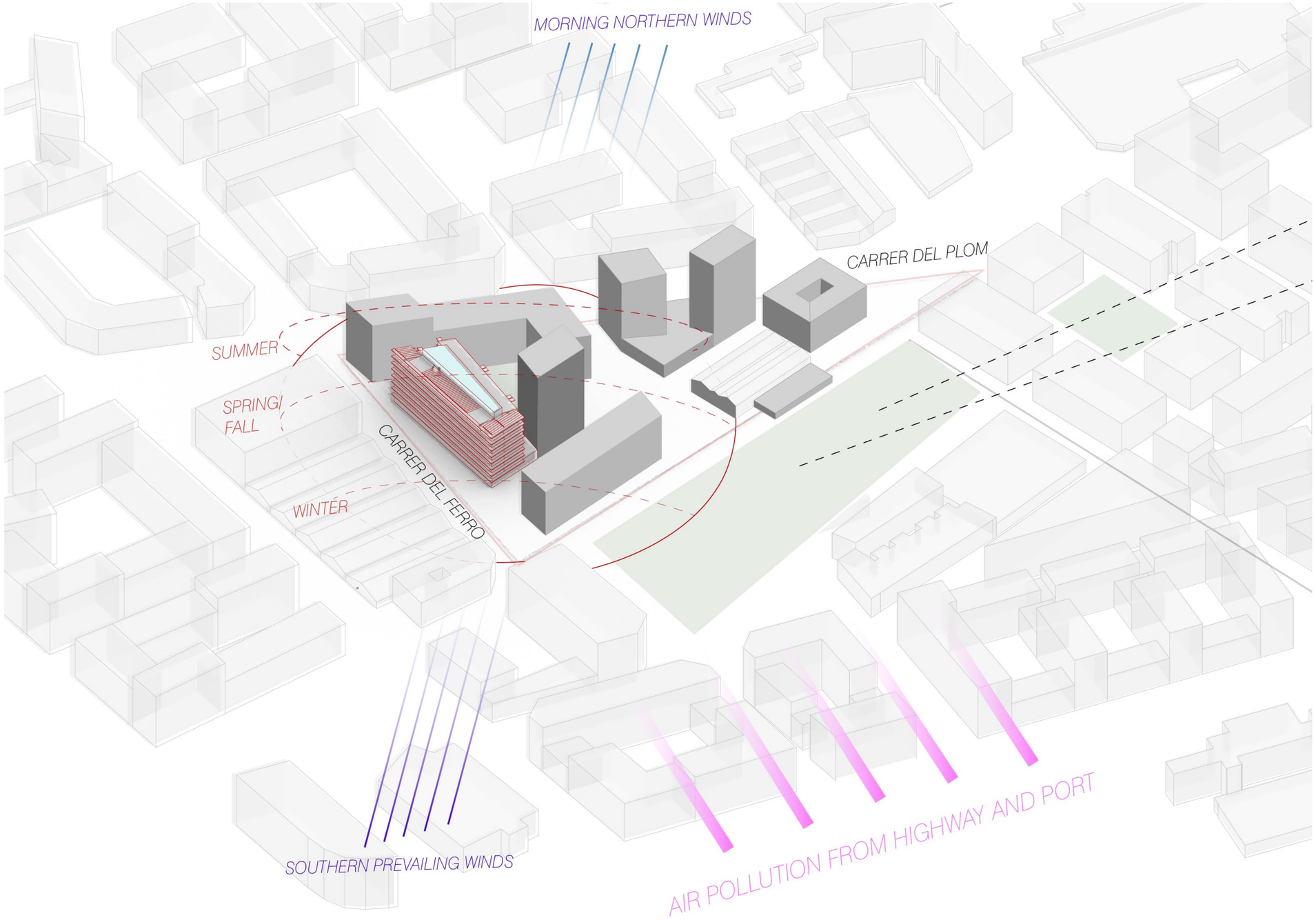
URBAN DESIGN STUDIO MARCH 2025

BARCELONA, SPAIN

In collaboration with:
Nik Sjogren
Declan Curry

My contribution: Urban Designer, Maps, site plan, Ground floor, environmental analysis

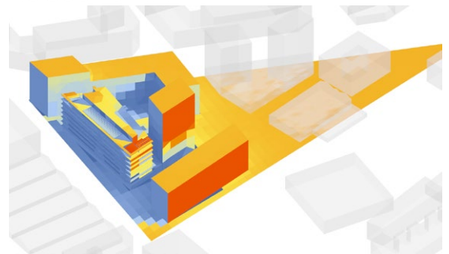
URBAN HEAT ISLAND DRIVEN DESIGN



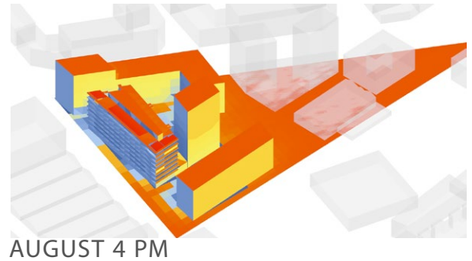
ENVIRONMENTAL ANALYSIS

August wind and radiance analysis informed building massing and urban design strategies, responding to the site's most extreme thermal conditions. Extensive radiance analysis informed the urban design, to maximize shade where most needed.

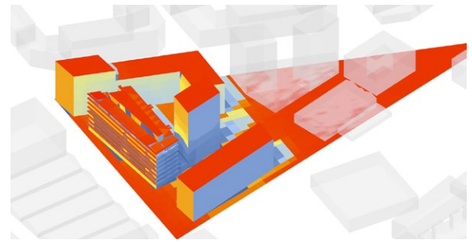
AUGUST 9 AM



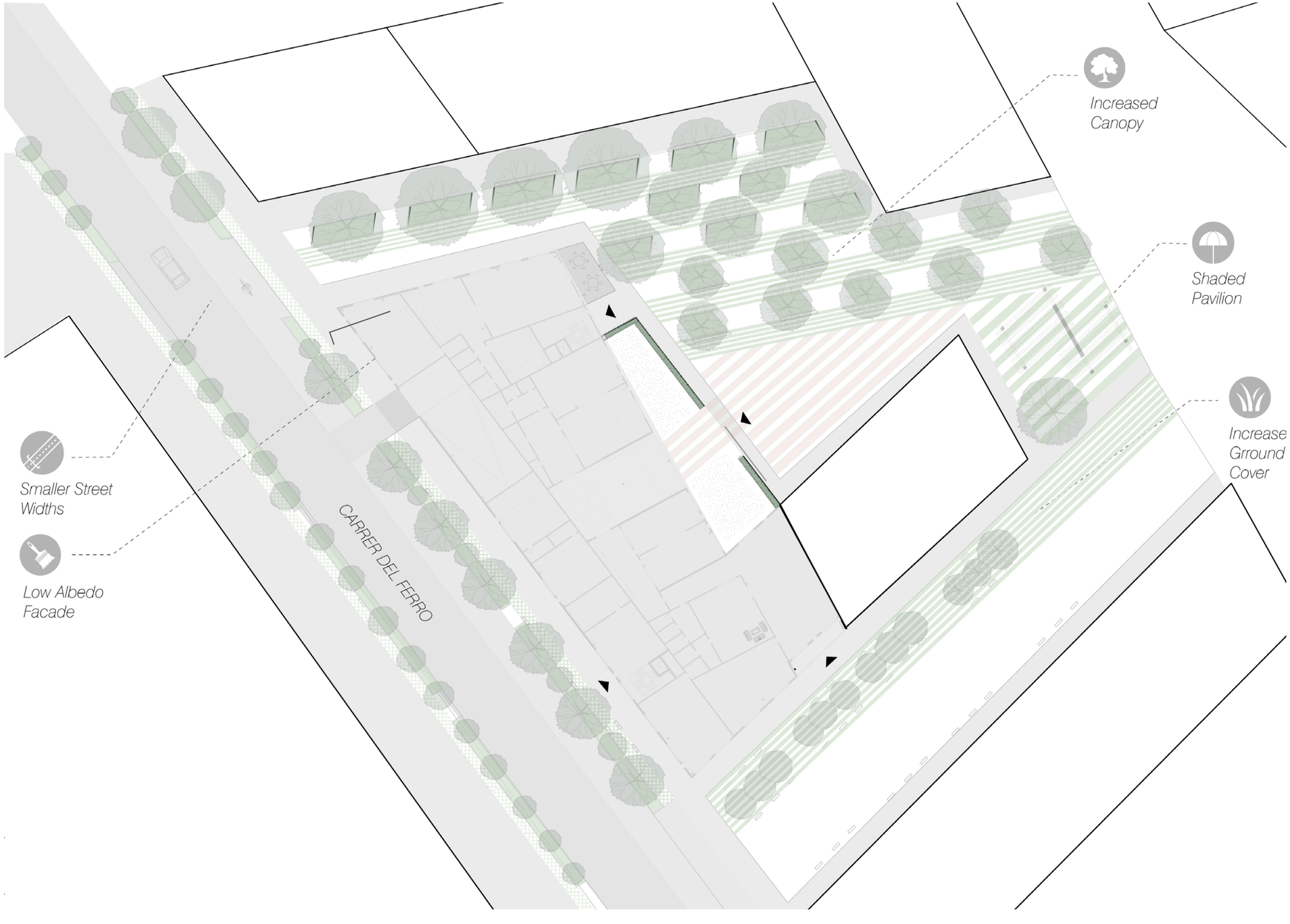
AUGUST 12 PM



AUGUST 4 PM

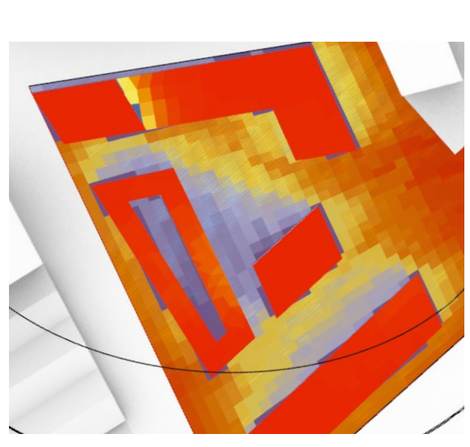


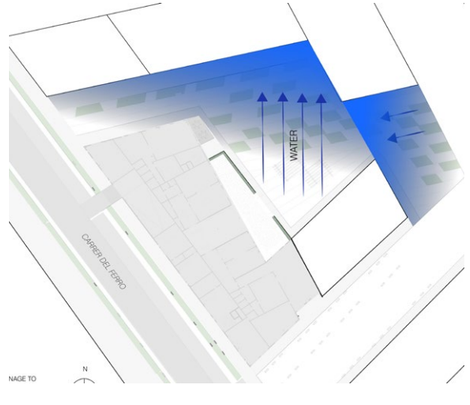
URBAN INTERVENTIONS



STRATEGIES

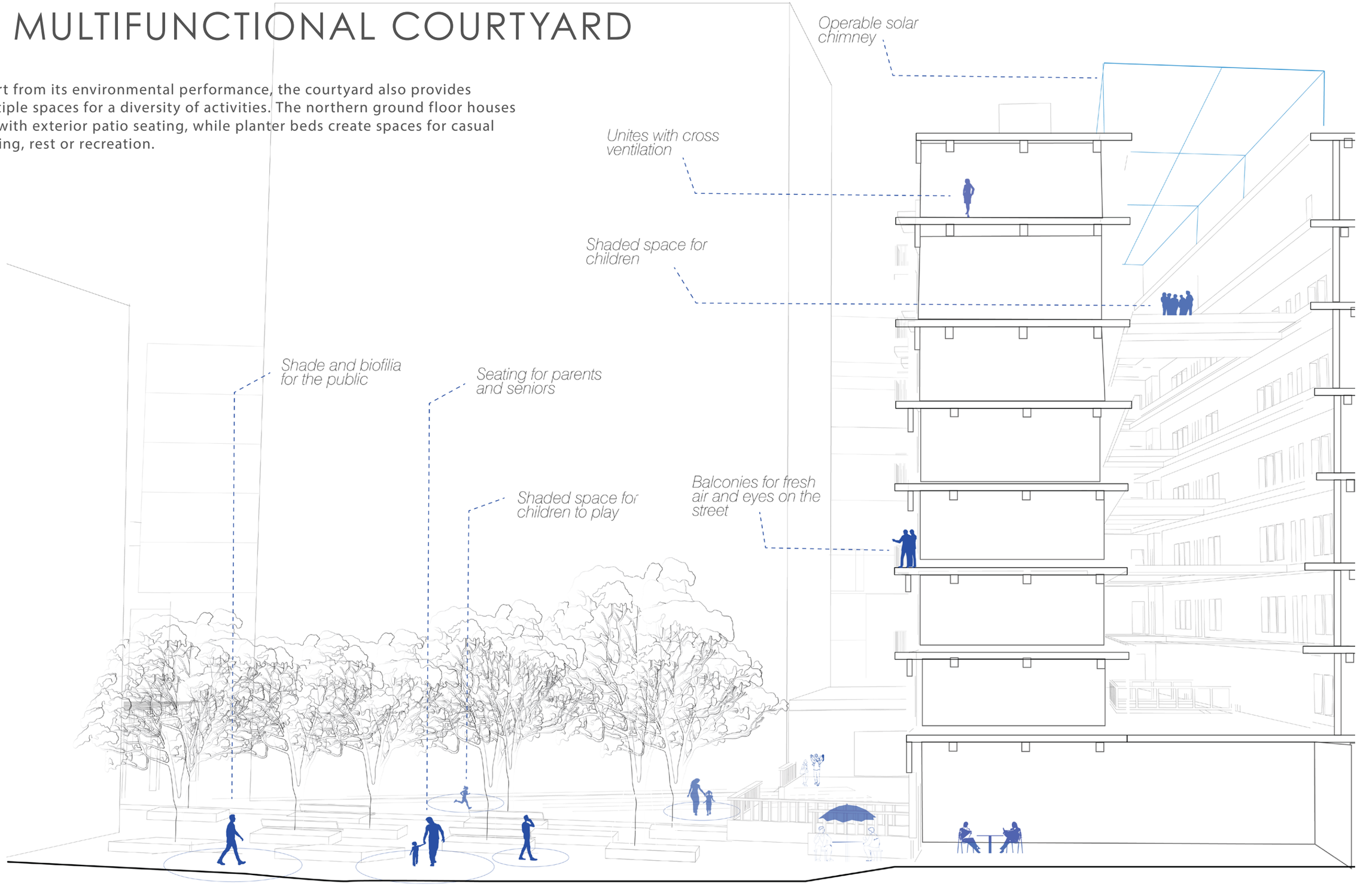
The courtyard design maximizes canopy cover and permeable pavement at the north, which is where summer radiance is most concentrated. The southern side houses the daycare with rubber paving for play. The cool air of the courtyard is pulled into the building with stack ventilation making the space passively liveable.





A MULTIFUNCTIONAL COURTYARD

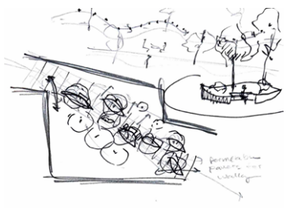
Apart from its environmental performance, the courtyard also provides multiple spaces for a diversity of activities. The northern ground floor houses bar with exterior patio seating, while planter beds create spaces for casual seating, rest or recreation.



SHADE, PLAY, AND SUMMER REFUGE

The courtyard is a pivotal space in Barcelona city design. By increasing ground cover and canopy, outdoor recreation during summer months becomes more bearable.

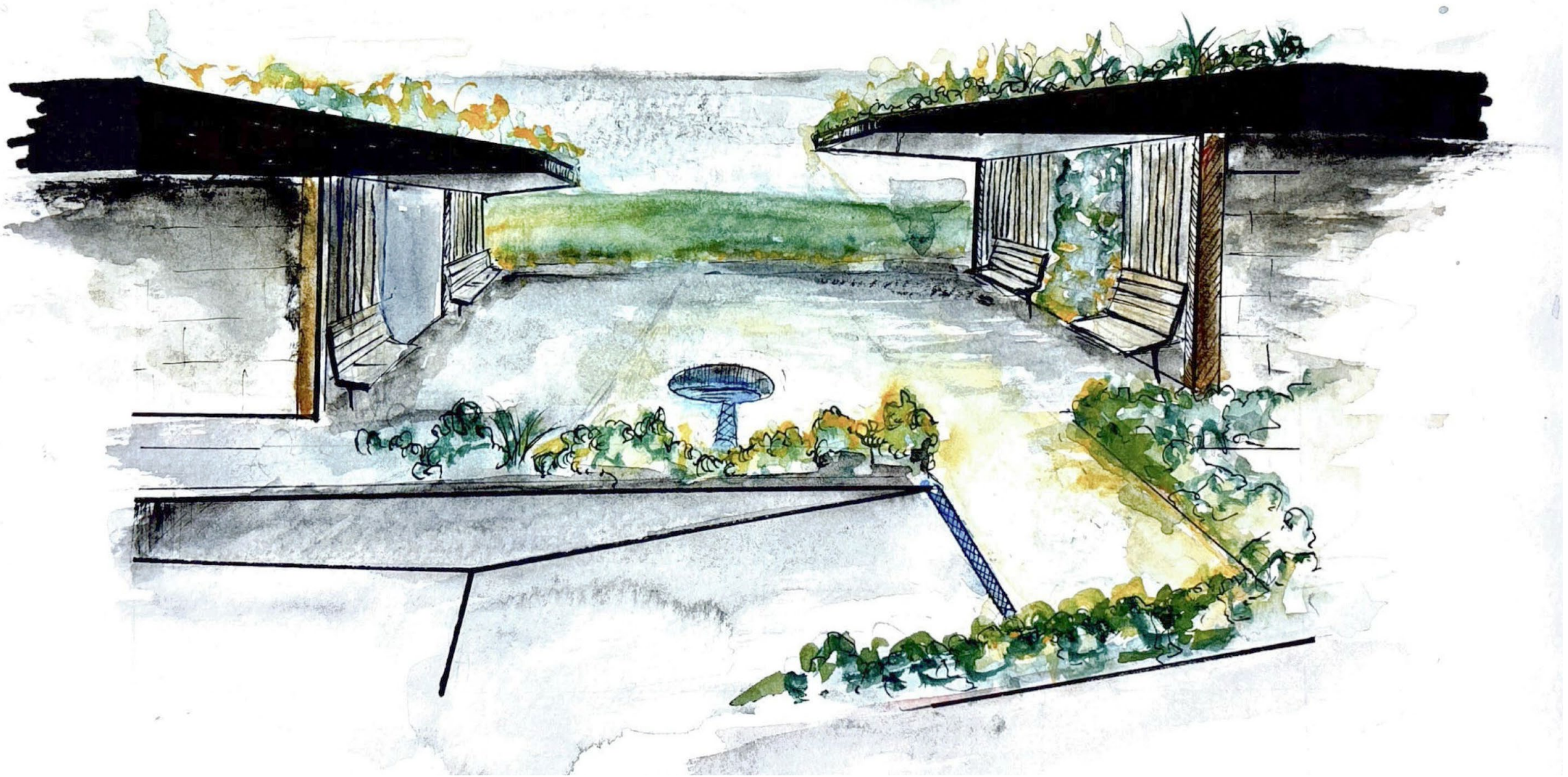
While largely driven by environmental performance the experience of the space is just as vital. Immersion in nature, seating, space for outdoor play, and mixed use commercial activation make the space feel alive.



GERLINGER PAVILLION

STUDIO SUMMER 2024

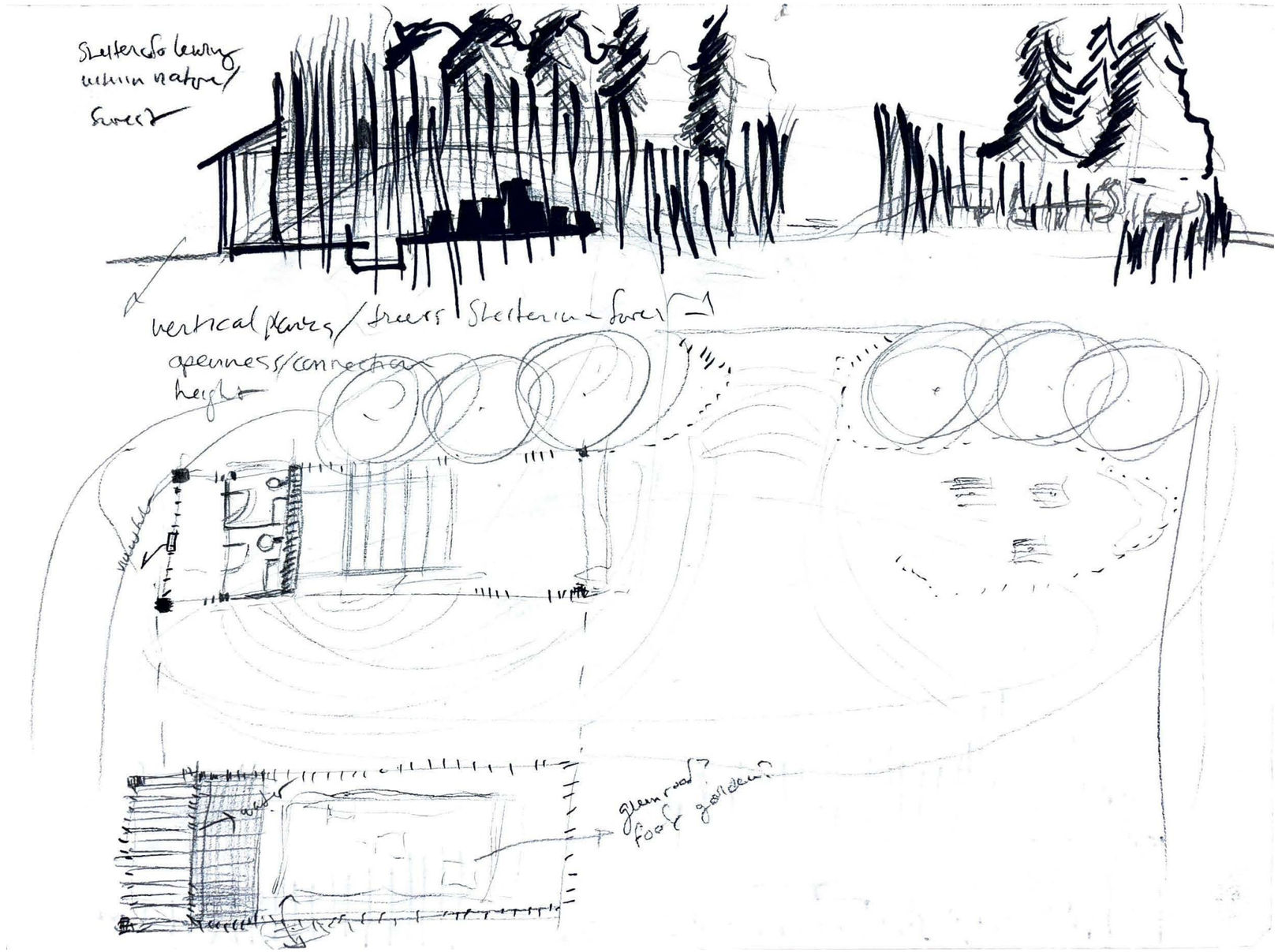
EUGENE, OREGON

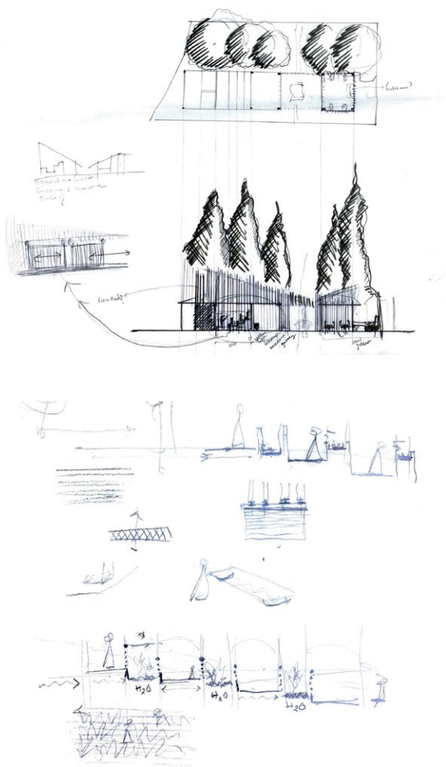


PENCIL AND PEN

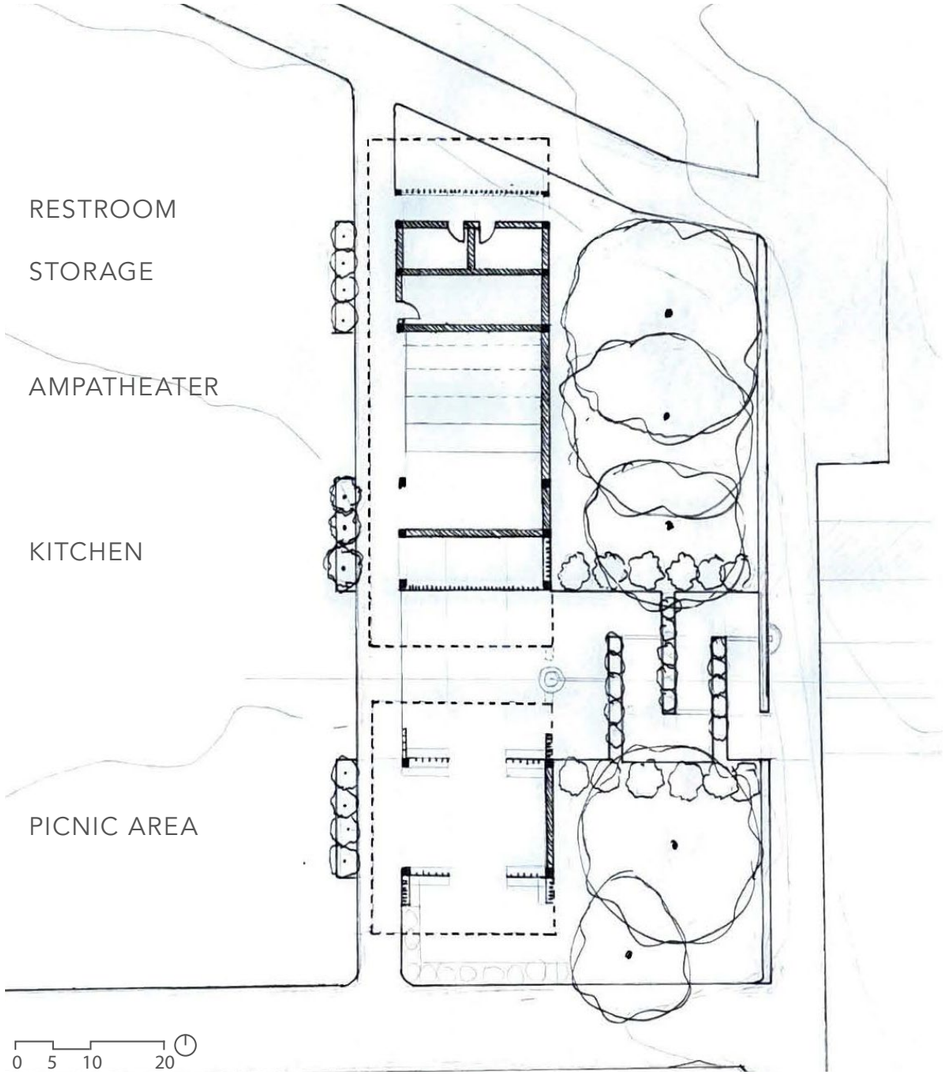
Gerlinger Field Pavilion is an open-air pavilion and event space that serves as a social and functional hub for activities at Gerlinger Field. The project integrates a small outdoor amphitheater, kitchen, storage, restrooms, and picnic areas into a single, legible structure. The concept is inspired by the trees on the site.

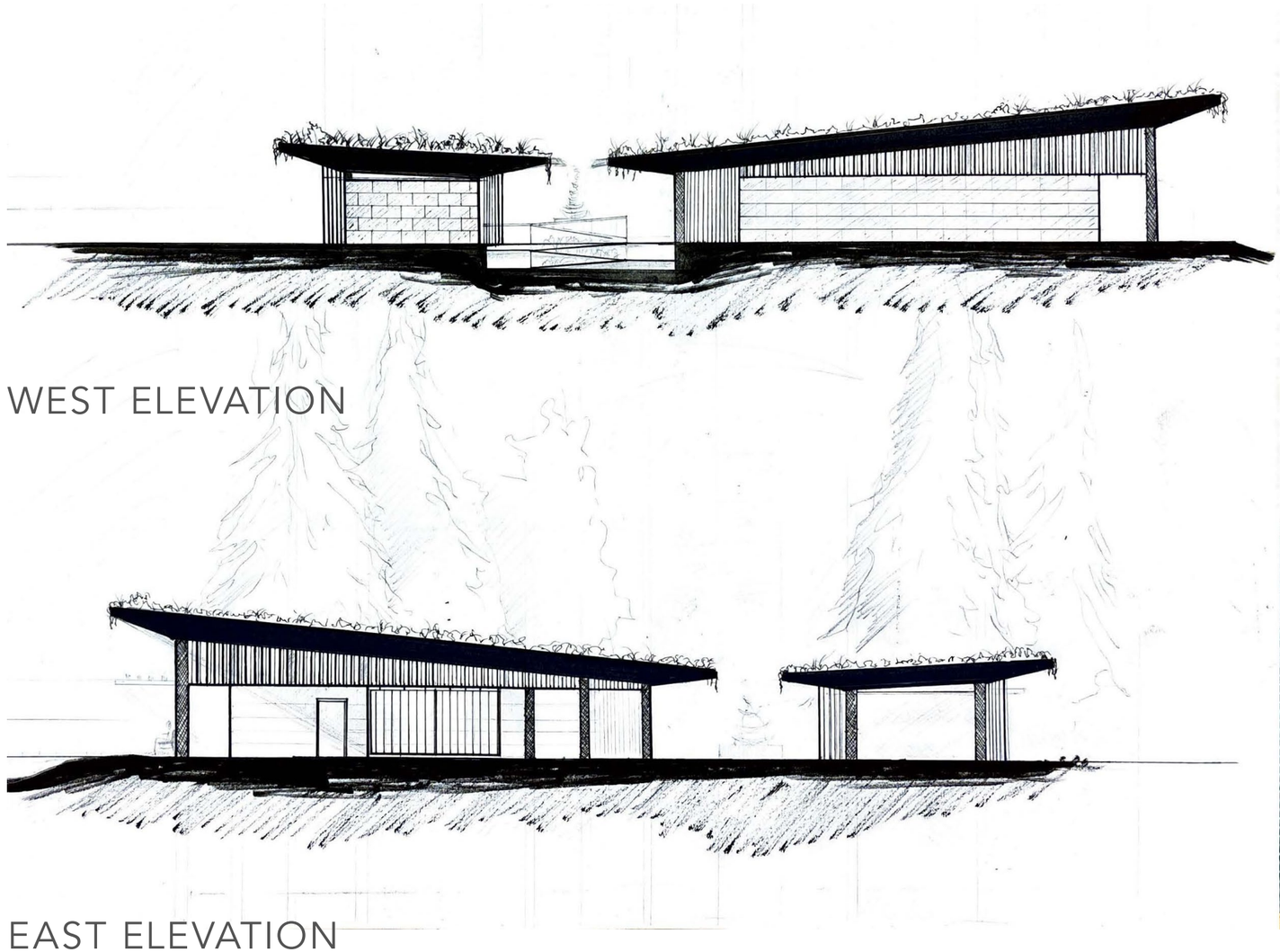
Softwares: Hand Drafting
Project Type: Pavillion





PROGRAM





WEST ELEVATION

EAST ELEVATION

MODERN COFFEE TABLE

PERSONAL PROJECT MARCH 2026

The tabletop is reused mahogony, and the legs are made from old walnut scraps. The tabletop is attached to the frame with screwed in buttons that allow for expansion and contraction with changing temperatures while the legs were hand carved. The piece is finished is shellac and waterlox.