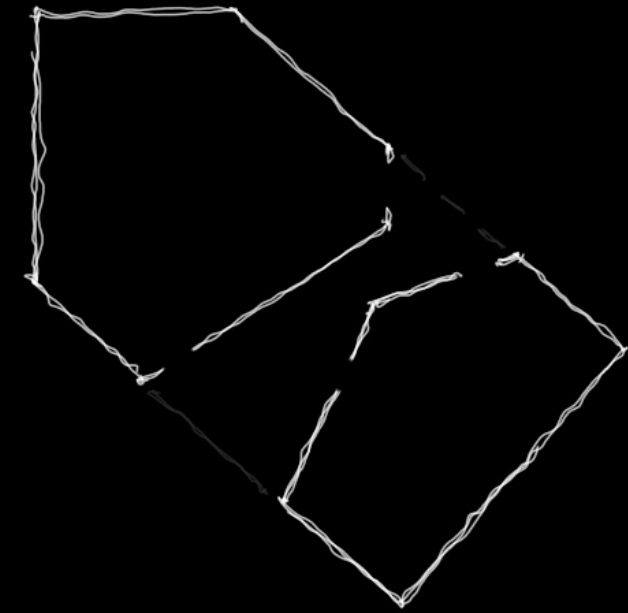






# CONTENTS

# PAGE

|    |                                                             |                     |
|----|-------------------------------------------------------------|---------------------|
| 01 | LANGUAGE REVITALIZATION CENTER<br>COLLABORATIVE COMMUNITIES | EUGENE, OREGON      |
| 02 | THE PORT OF AROMA<br>COFFEE ACADEMY AND MUSEUM              | SEATTLE, WASHINGTON |
| 03 | ECHO HAVEN<br>MICROHOME NEIGHBORHOOD                        | EUGENE, OREGON      |
| 04 | CROSS-COMMUNITY REALMS<br>ADAPTIVE COMMUNITY DESIGN         | EUGENE, OREGON      |

|       |
|-------|
| 4-7   |
| 8-13  |
| 14-19 |
| 20-24 |



# 01

## DR. VIRGINIA (TUXAMSHISH) BEAVERT LANGUAGE REVITALIZATION CENTER

COLLABORATIVE COMMUNITIES  
PROFESSOR MALU BORJA LOPEZ  
WINTER + SPRING 2026



### KITCHEN CANOPY



Outdoor kitchen extension framed by timber canopy, opening toward the NILI garden at dusk.



MATERIAL IDENTITY

OPEN  
&  
FLOWING

SHADED  
&  
SECURE

DIVERSE  
&  
UNPREDICTABLE

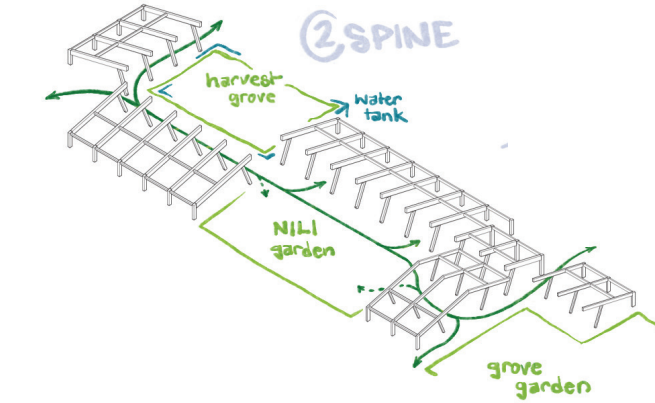
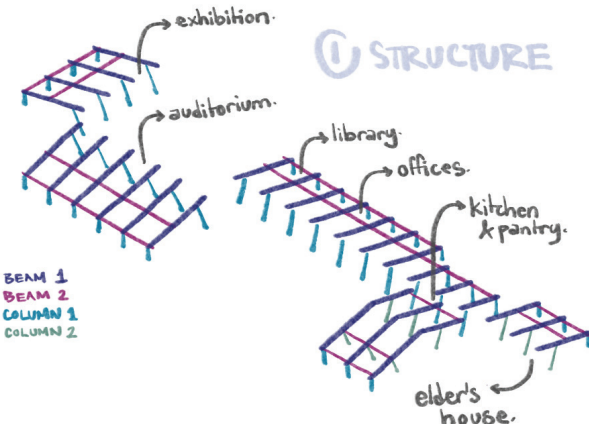
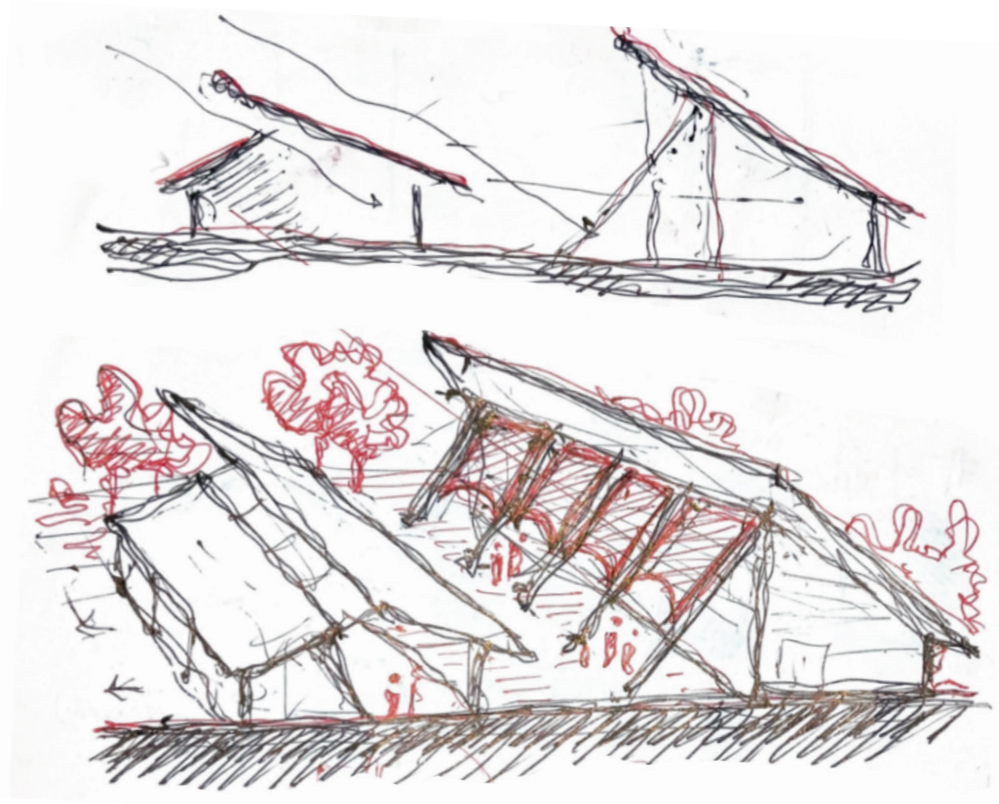


GREEN ROOF DETAIL

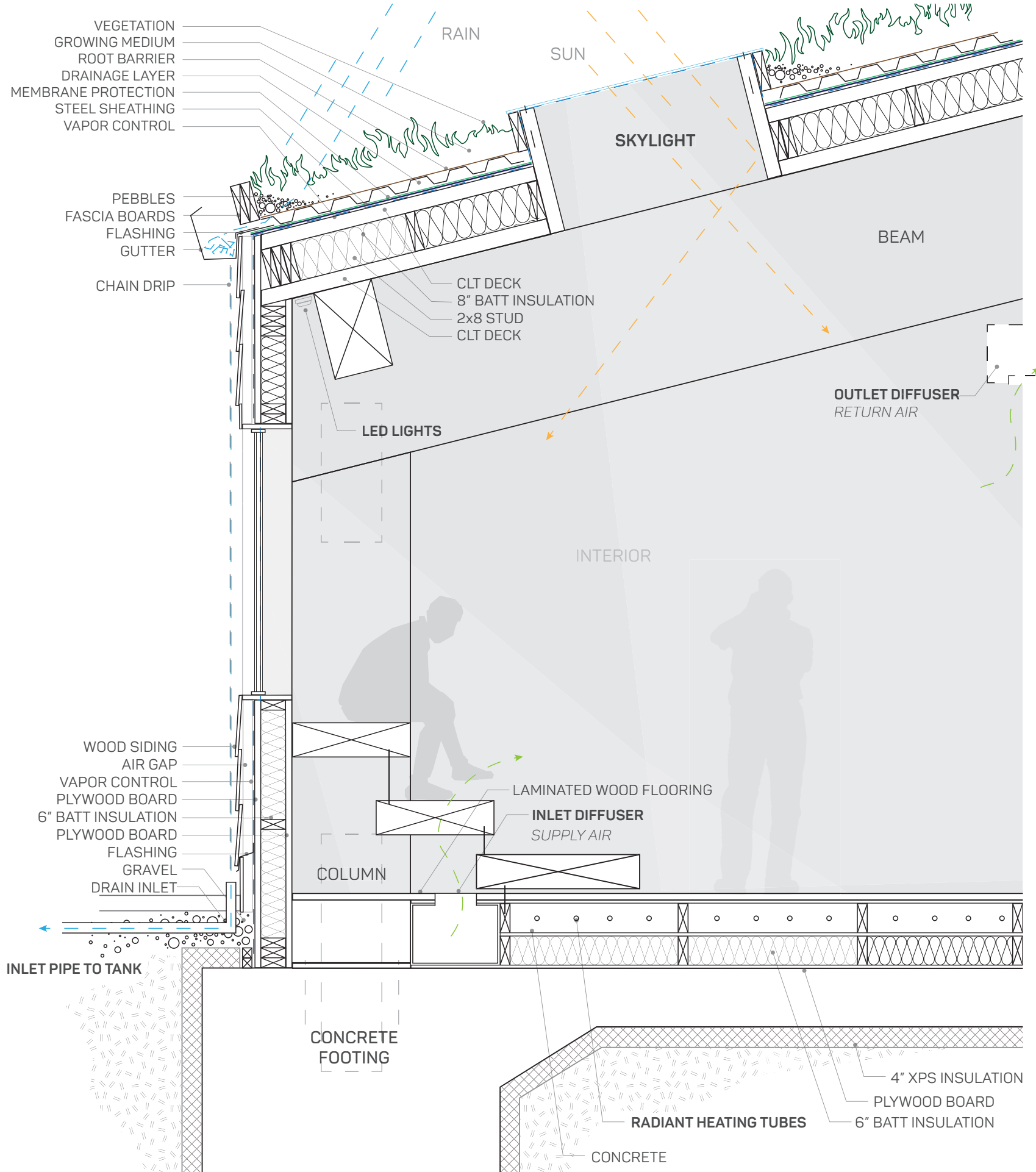
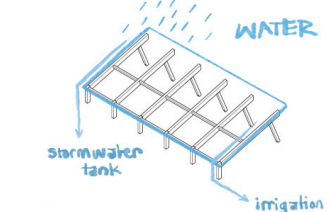
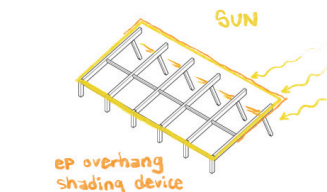
SCALE:  
1/2" = 1' - 0"

WORD JOURNAL

|                                 |                             |                         |
|---------------------------------|-----------------------------|-------------------------|
| -flexible spaces.               | → variety of configuration. | peace.                  |
| -repetition.                    | -smell.                     | honorary anchors.       |
| -adaptable                      | -unpredictability           | -patterns.              |
| -powerful forms.                | -serene                     | -messy.                 |
| -daylight interaction.          |                             | -ethical approach.      |
| -circulation as infrastructure. |                             | -landscape opportunity. |
| -kitchen as backbone.           |                             | -indoor/outdoor.        |
| -orientation                    |                             | -repeated elements.     |
| -nature integrated              |                             |                         |



③ ENVIRONMENTAL SYSTEMS





# 02

## THE PORT OF AROMA

**COFFEE MUSEUM AND ACADEMY**

PROFESSOR STEPHEN DUFF

SUMMER 2025



## MUSEUM EXHIBITION HALL

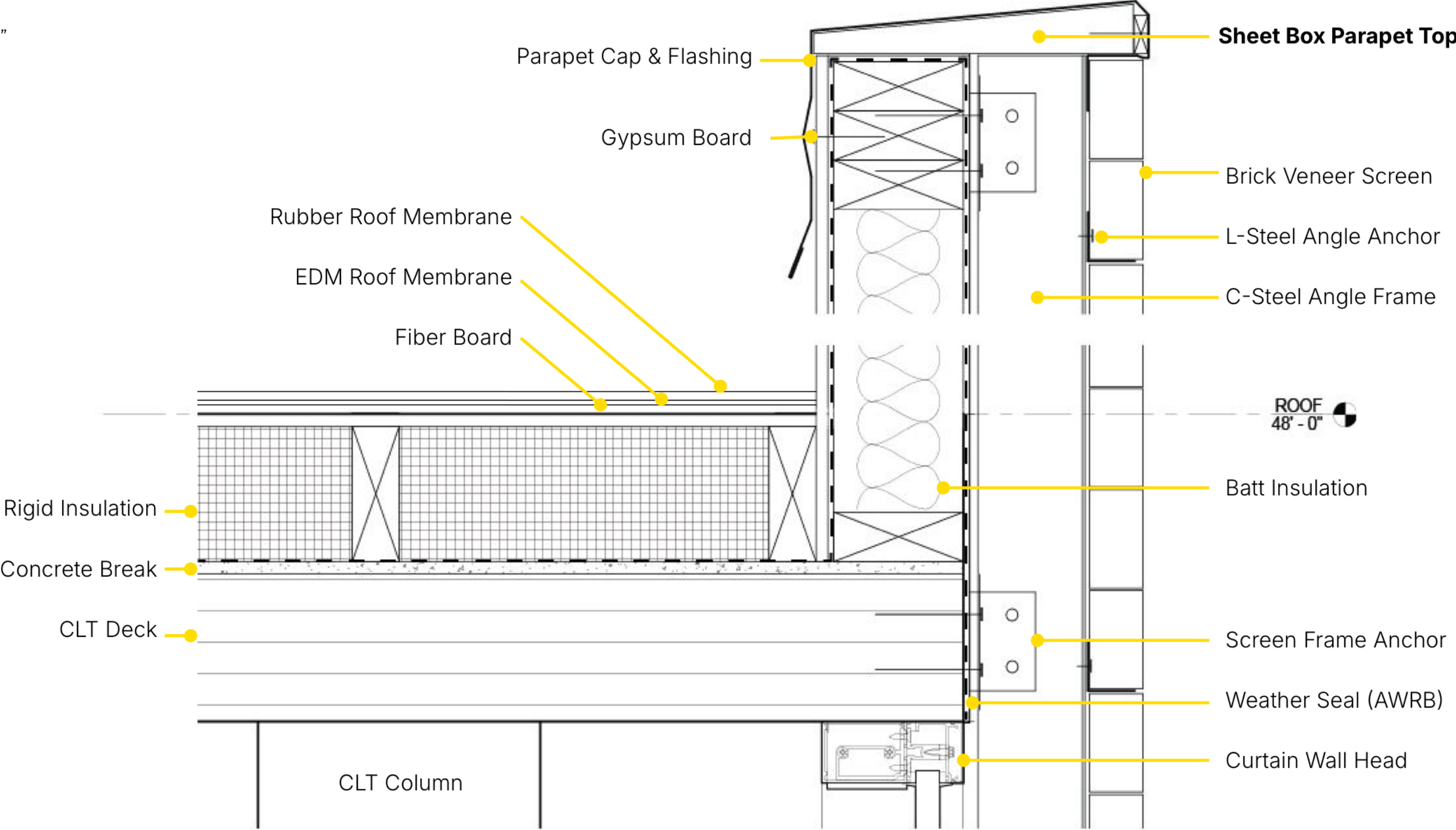


Threshold toward ticketing lobby from Exhibition Hall.



ROOF PARAPET DETAIL

SCALE:  
3" = 1'-0"



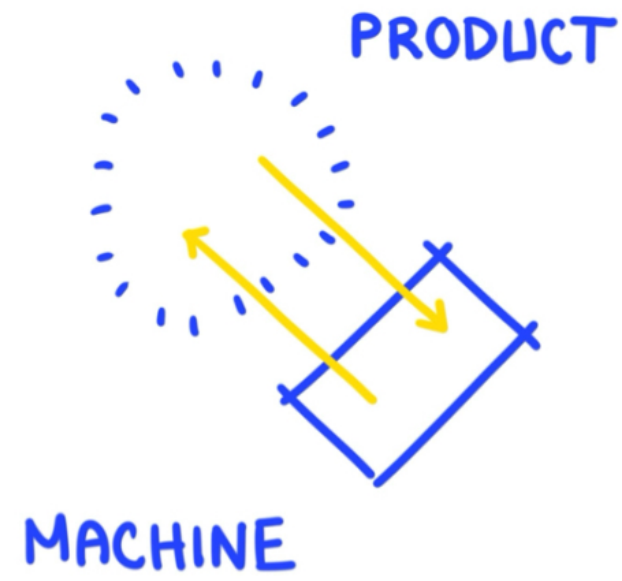
MODEL



Led fabrication of 3D printed site model components;  
coordinated with topography team.

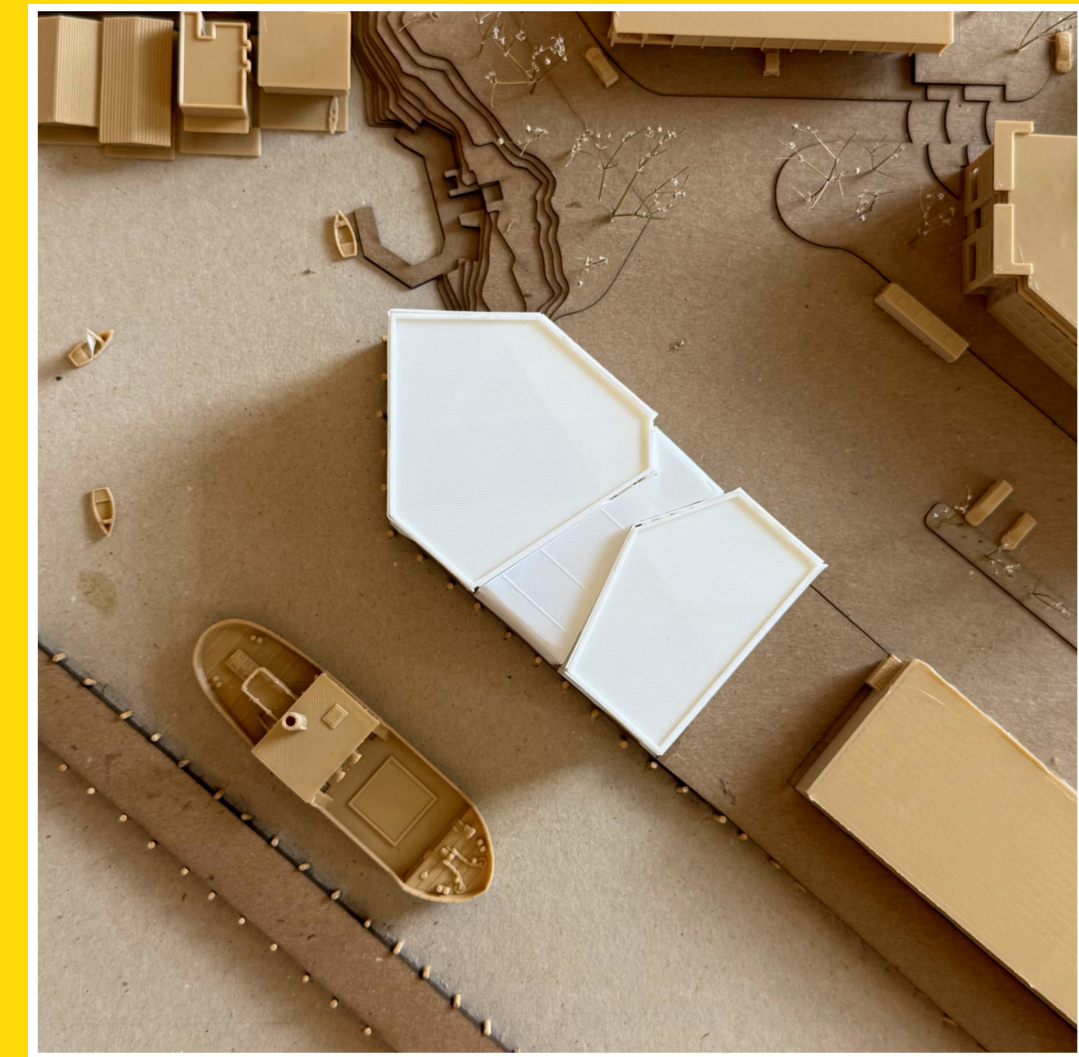
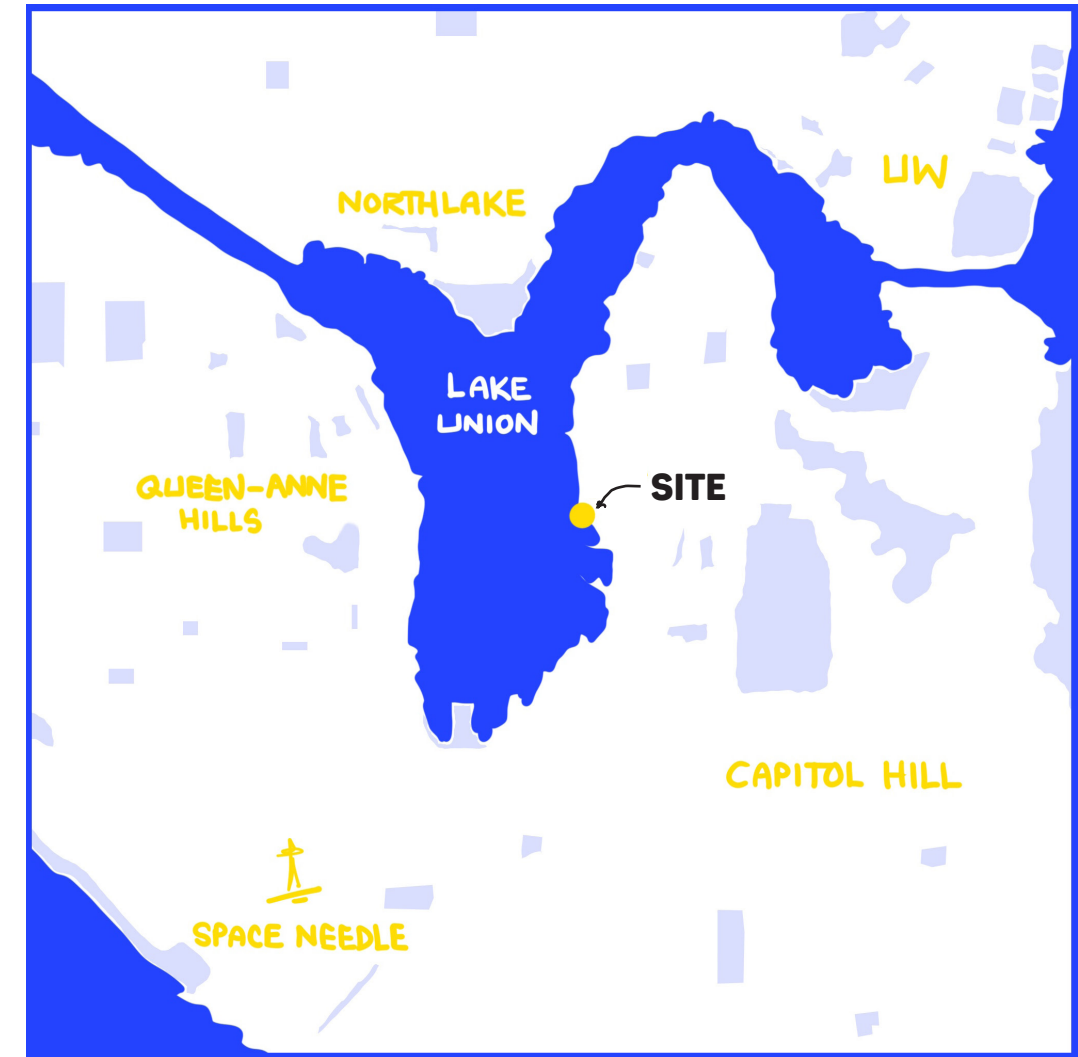
SCALE:  
1/32" = 1'-0"



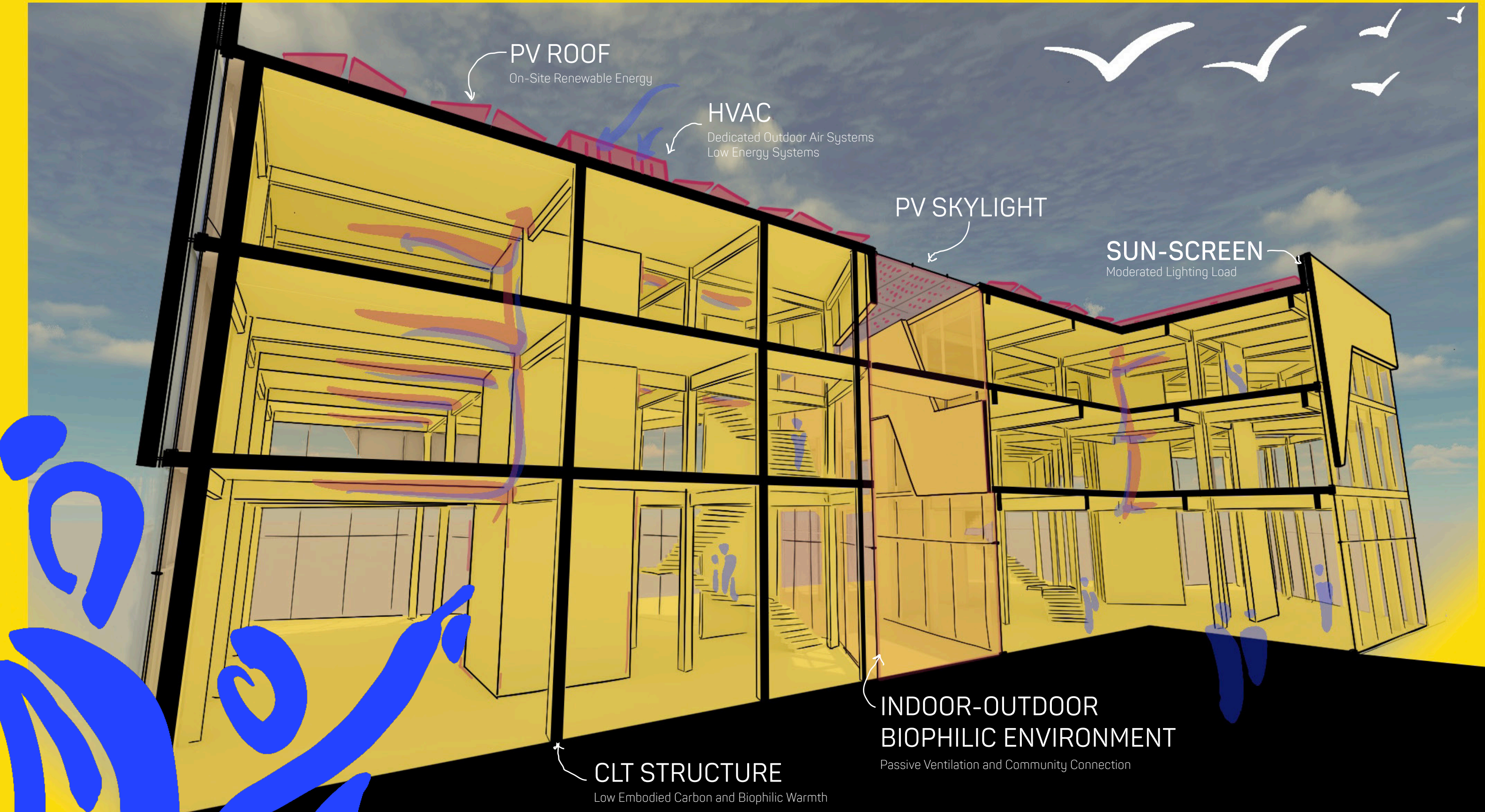


The driving concept of this project was the idea of spatial and functional connection between history and innovation.

Seeing the *Museum* as the machine and the *Academy* as the product.



## SUSTAINABILITY SECTION PERSPECTIVE





# 03

## ECHO HAVEN

CO-DESIGNED WITH LEXI MOIDEL

**MICROHOME NEIGHBORHOOD:  
3D PRINT CONSTRUCTION**

PROFESSOR MARY POLITES  
FALL 2024



## KITCHEN AND PATIO CONNECTIONS



Kitchen bar opens to shared patio, reinforcing indoor-outdoor connection between microhomes



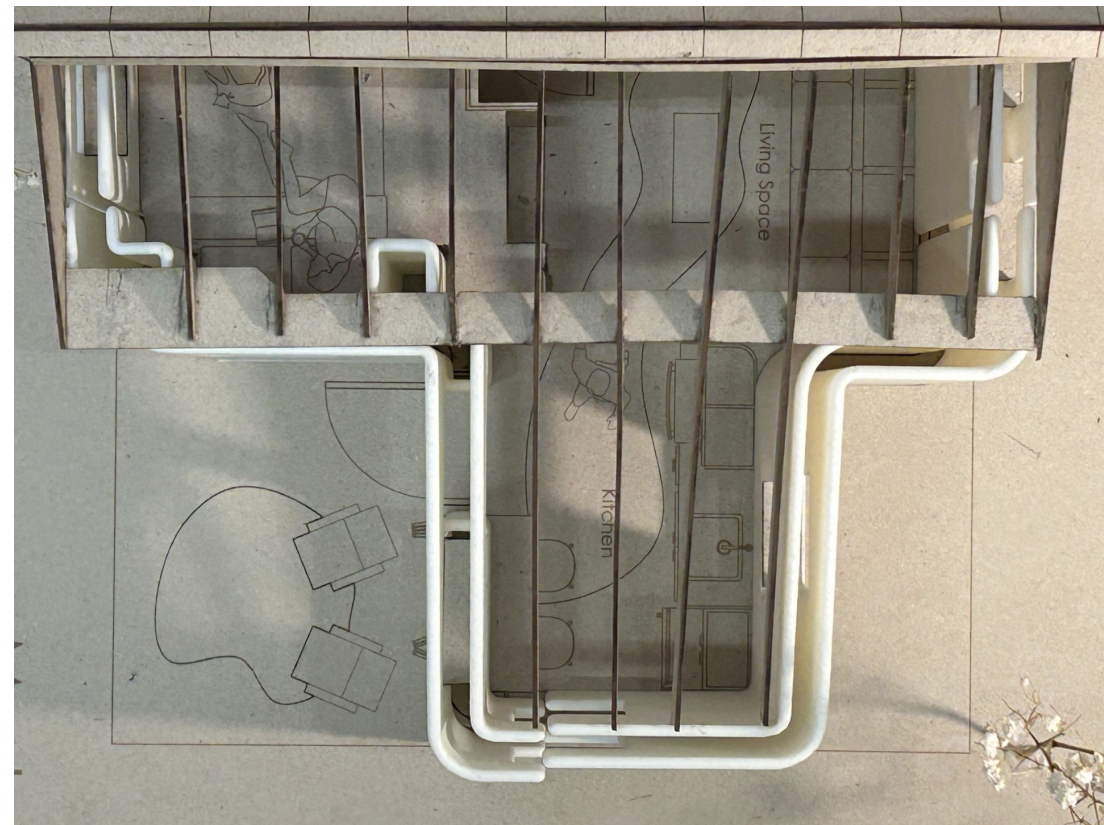
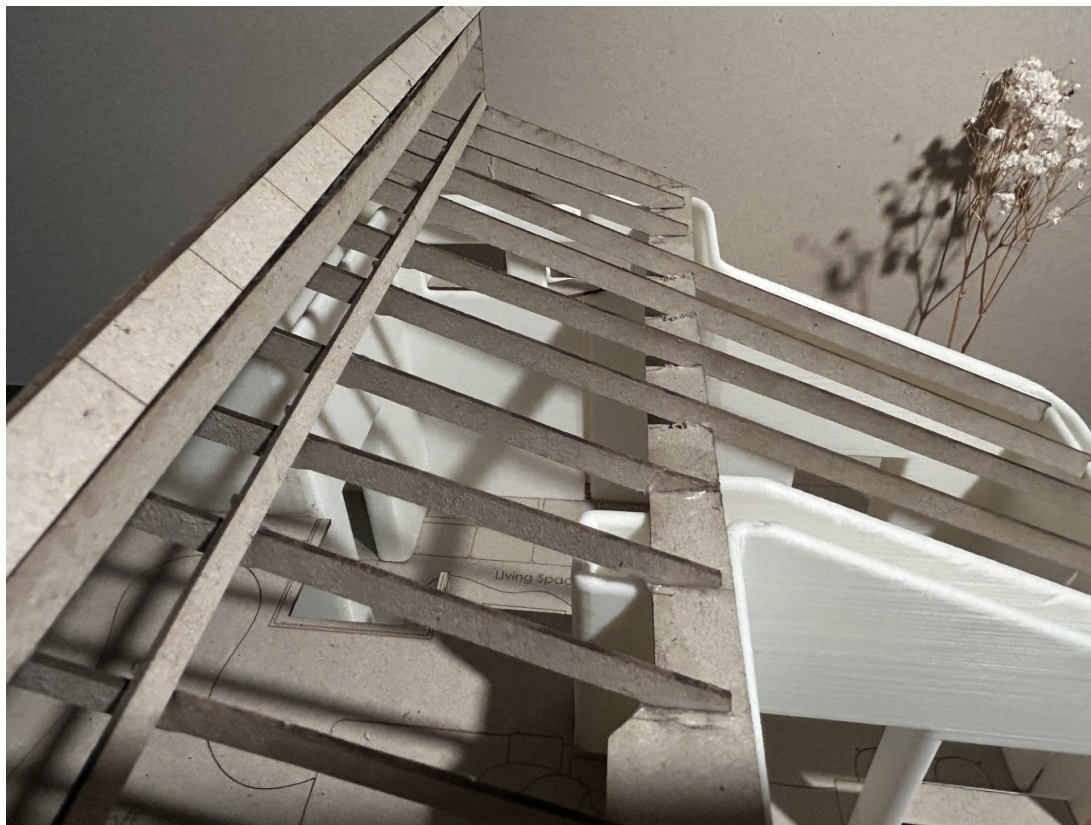
LOFT SPACE

Developed a double height interior space within the 12-foot limit of the 3D printed construction system.

This adaptable volume enables residents to configure the upper zone as clear open space, storage, or a lofted bedroom.



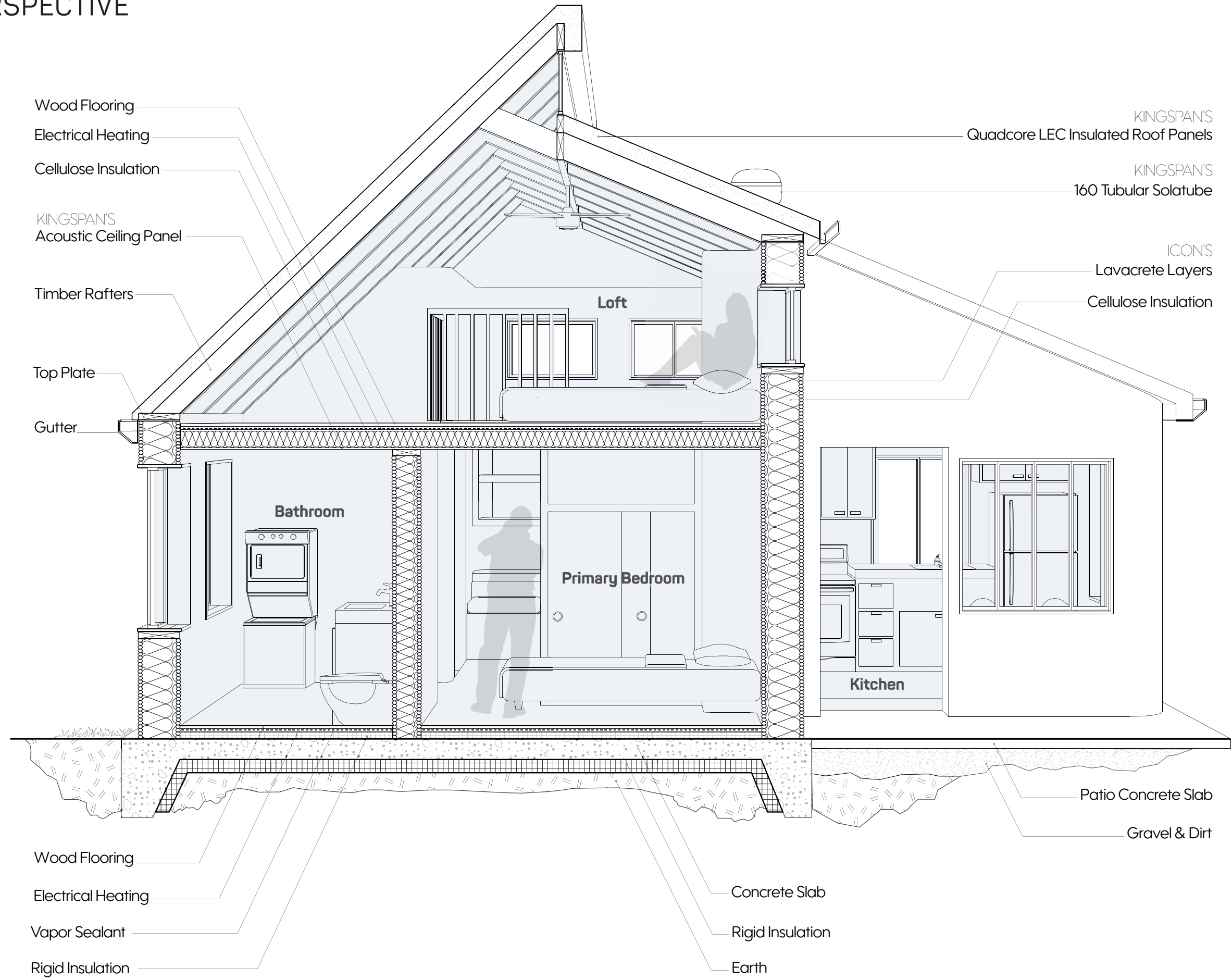
MODEL



SCALE:  
1/4" = 1'-0"

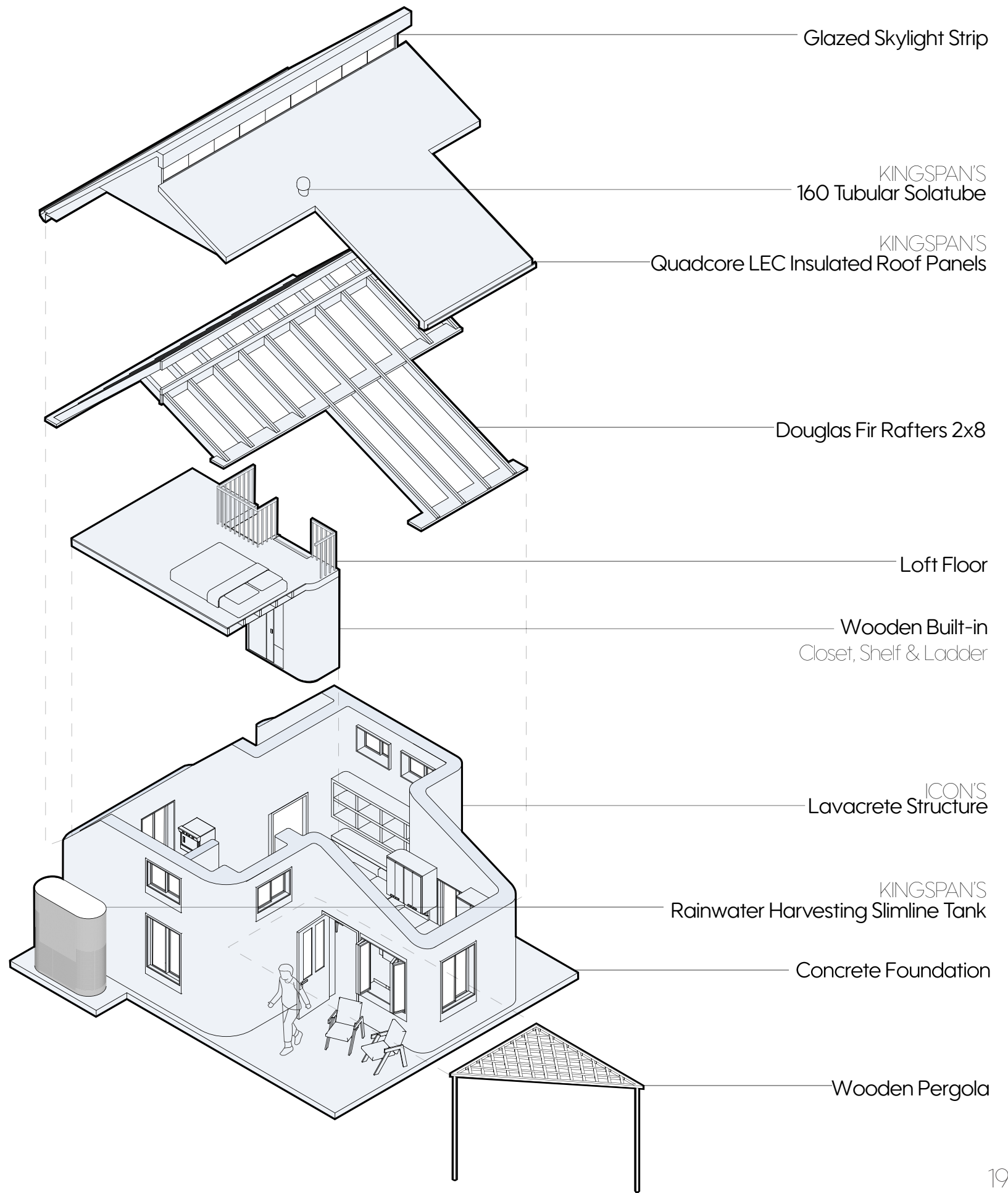


SECTION PERSPECTIVE



EXPLODED AXONOMETRIC ASSEMBLY

|                |     |                                             |             |
|----------------|-----|---------------------------------------------|-------------|
| Roof           | R38 | Insulated Panels 6"<br>Cellulose 8"         | R8.33<br>R4 |
| Exterior Walls | R32 | Cellulose 8"                                | R4          |
| Foundation     | R15 | Concrete Slab 6"<br>Extruded Polystyrene 2" | R1<br>R5    |





# 04

## CROSS-COMMUNITY REALMS

CO-DESIGNED WITH NOX ECKARD

ADAPTIVE COMMUNITY DESIGN:  
**EVERYONE VILLAGE**

PROFESSOR MALU BORJA LOPEZ

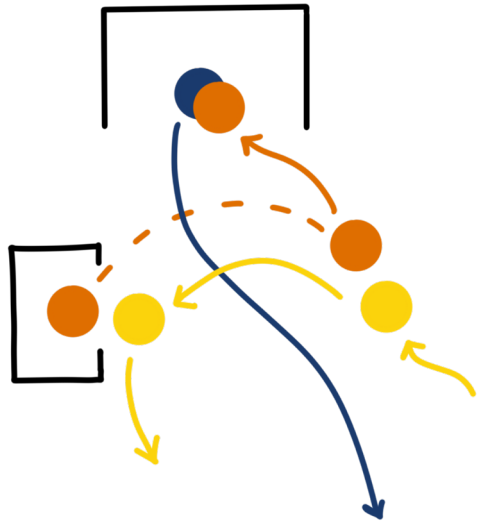
FALL 2025



## RESEARCH

Through site observations and engagement at *Everyone Village*, patterns emerged in how residents and users interact with the Bottle Drop program.

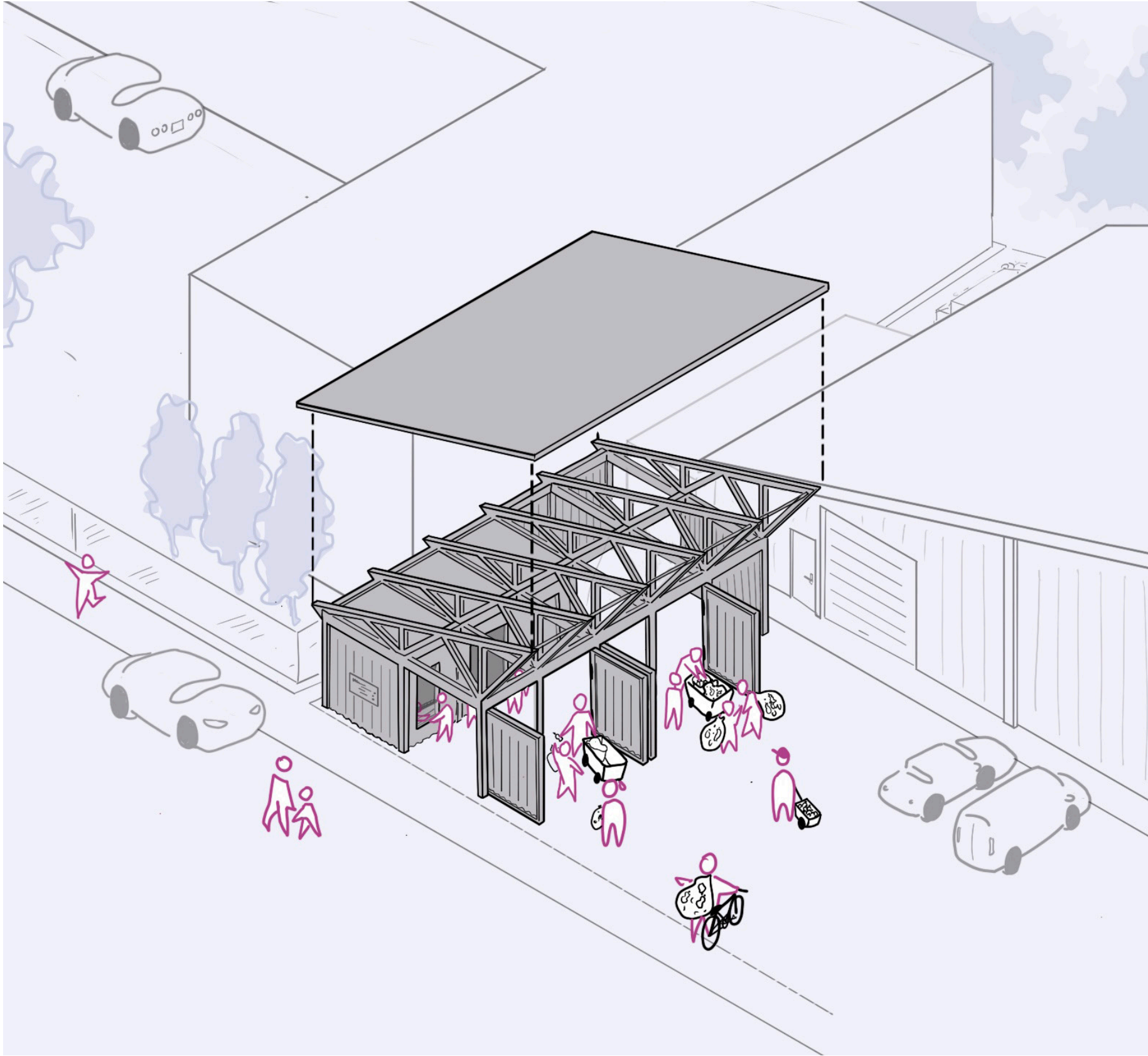
The proposal established clear circulation, protected work zones, and a structure that balances industrial efficiency with community presence.





EXPLODED AXONOMETRIC CONCEPT

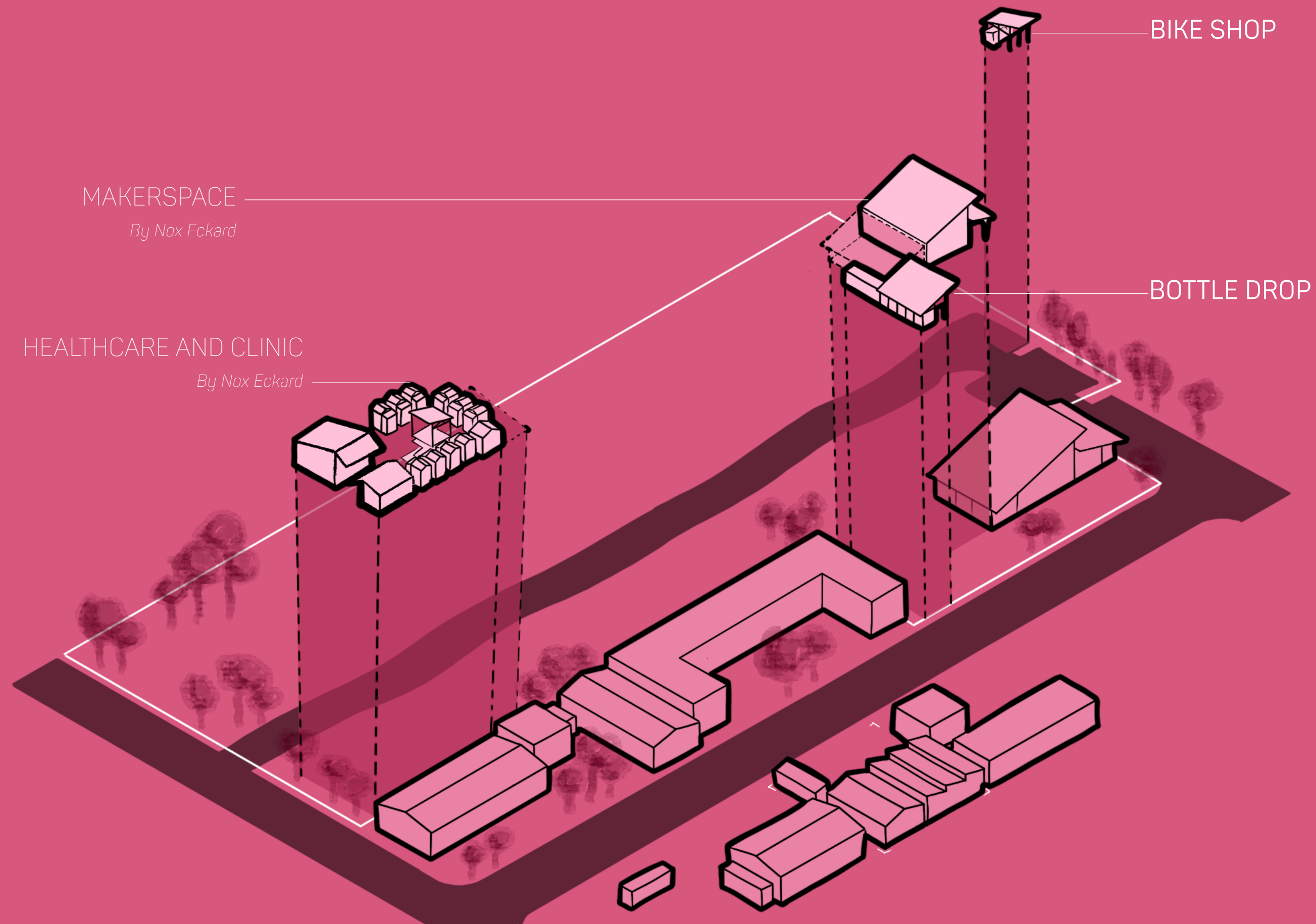
Final proposal includes:  
Repeating structural module  
Community-build workshop  
Modular system replicable across the site  
Locally sourced wood and recycled corrugated steel



BOTTLE-DROP STRUCTURE







**Tusu Mahmud**  
LEED Green Associate

tusu2012@gmail.com  
+1 425 477 0788

Bachelor of Architecture  
Minor in Art History  
*University of Oregon*  
Sep. 2021 - Jun. 2026

Video Content Creator  
*University Communications*  
Nov. 2021 - Jun. 2026