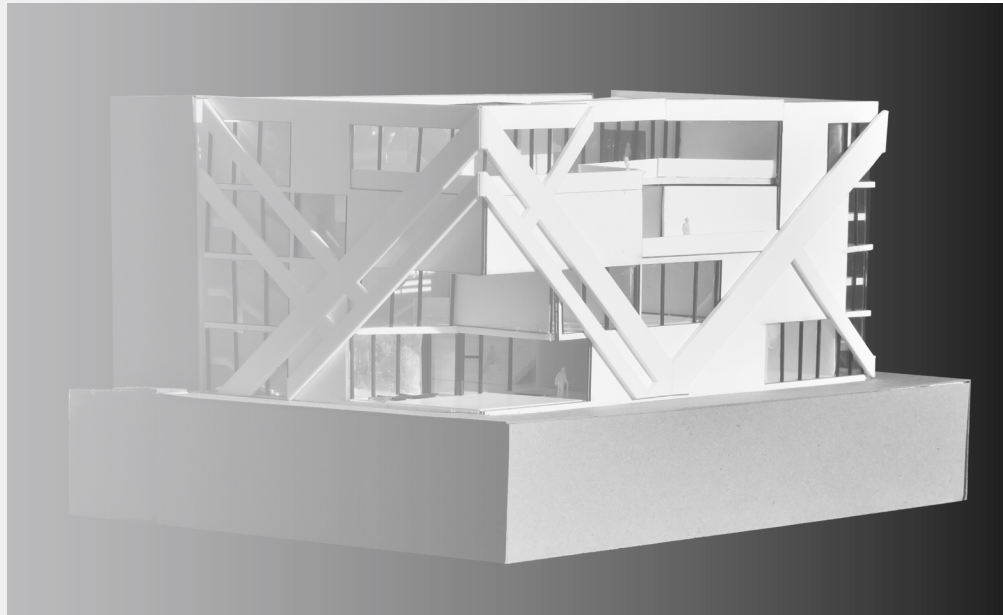
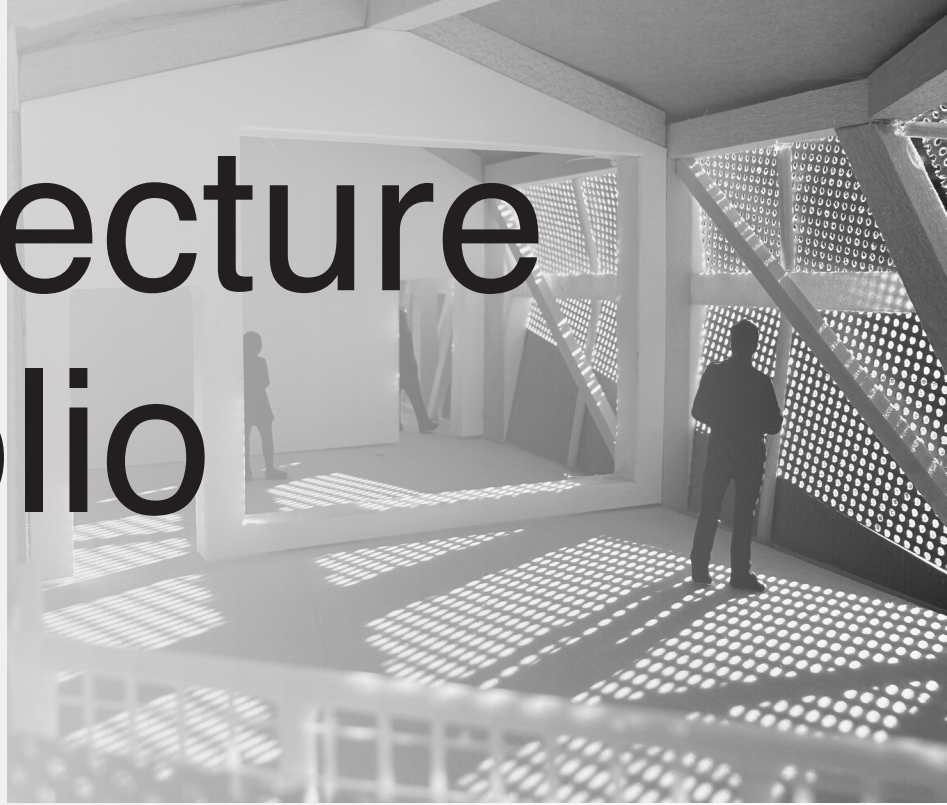


Architecture Portfolio



Jesus Jacquez

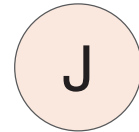
Cal Poly Pomona
2023-2026
Selected Works



LinkedIn



Jesus Jacquez



A r c h i t e c t u r e S t u d e n t

CONTACT

San Bernardino, CA, 92411

(909)-233-5645

Jesusjacquez2002@gmail.com

EDUCATION

San Bernardino Valley College

*Associates Degree: Liberal Arts: Biological and Physical Sciences
Liberal Arts: Humanities and Fine Arts*

2020-2022

GPA: 4.0

Cal Poly Pomona

Bachelors Degree: Bachelor of Architecture

Class of 2027

GPA: 3.7

WORK EXPERIENCE

Cely Development Group

2023- Present

Work along side a team to go through the process of design, starting from site surveys to schematic design to construction documents. All to create A.D.U. (Accessory Dwelling Units) in the greater part of Orange County, Los Angeles County and surrounding cities such as San Bernardino, Chino, etc.

- Performing Site Surveys to ensure accurate dimension of existing conditions
- Design and Drafting percise floor plans to meet client needs.
- Perform Plan Check corrections and submitting plans to Planning Dept.

SKILLS

Drafting and 3D-Modeling

Rhino 7/8, Autodesk Revit, AutoCAD

Rendering

Twinmotion, V-ray

Adobe Creative Suite

Illustrator, Photoshop, Indesign, Acrobat

Other

Model Making, 3D Printing, Autodesk FORMA, Bambu Slicer

Table Content

01.	Healthcare Project		
	Riverstone Healing Center	4-17	
02.	Housing Project		
	High Density Housing Project in Downtown Santa Ana	18-25	
03.	Collaboration Project		
	High Density Housing Project with emphasis on project detailing	26-39	
04.	Fabrication		
	Model Making Skills		40-41
05.	Professional Work		
	Anahiem Hills New Addition Project		42-45

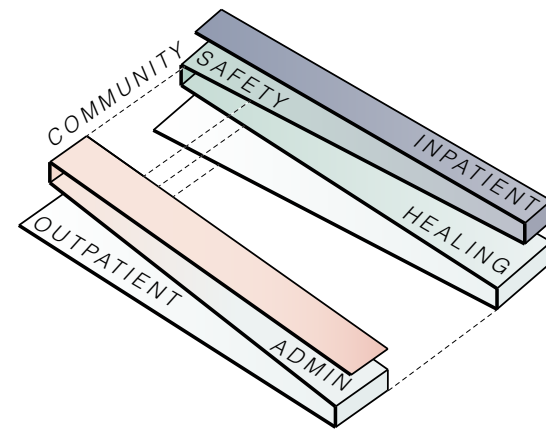


Render

#1 Healthcare Project

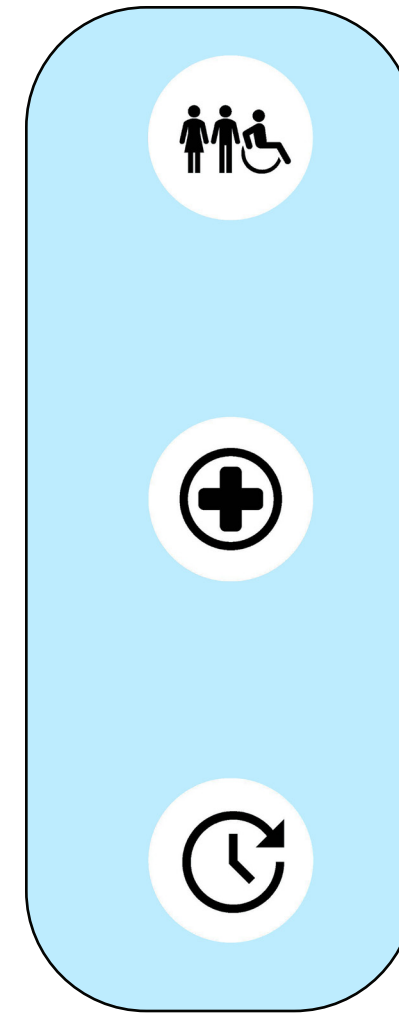
Riverstone Healing Center
 CPP Architecture / Fall 2025
 Arc-4011A
 Instructor: Jimmy Macias

Group Project:
 Dominic Jarquin
 Jesus Jacquez
 Christopher Norona
 Jason Rinaldi
 Stanley Chi



Parti

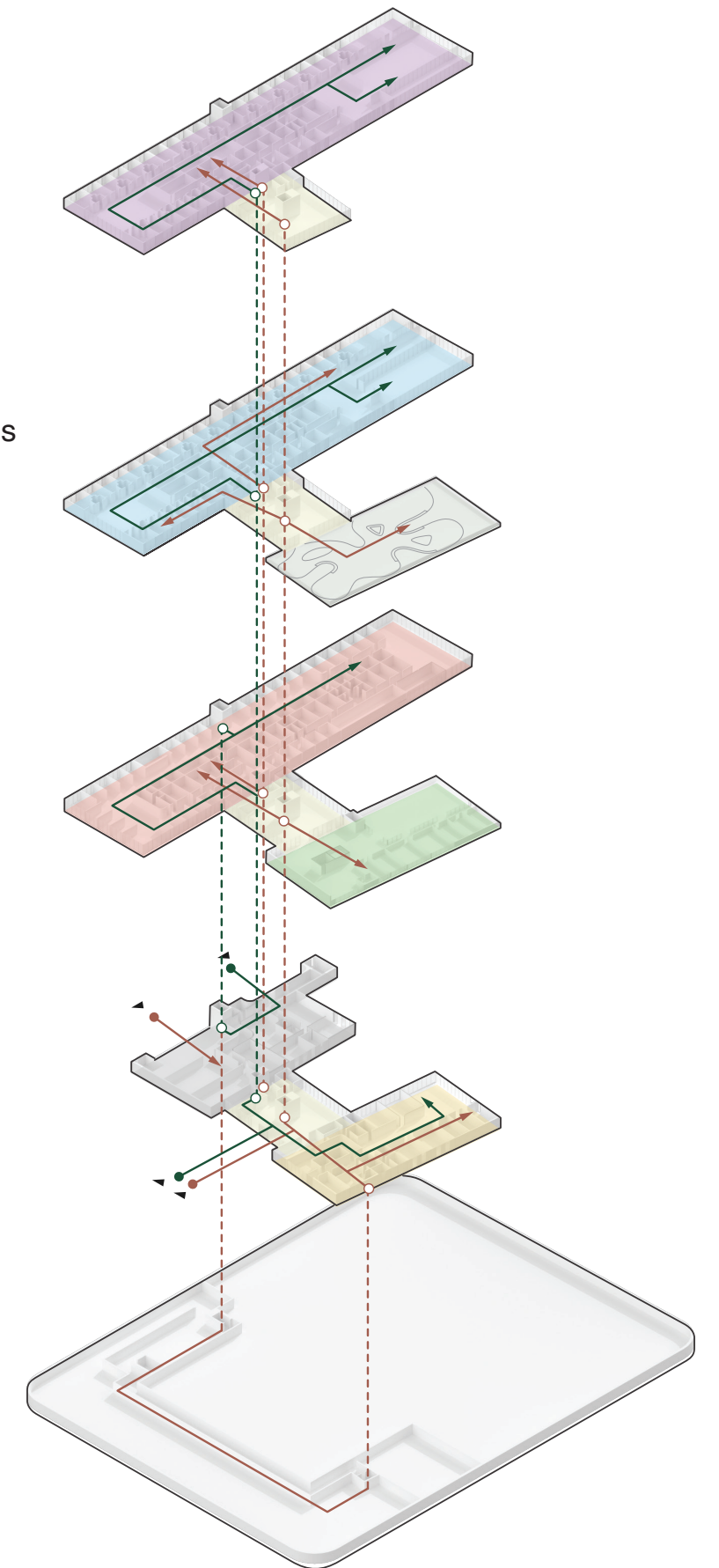
This project centers on healing as the primary objective of a mental health facility. Our other objectives was to design for the futre and for people. Our design explores the idea of healing through nature, guided by the contrasting qualities of trees and rivers. Trees, representing grounding and stability, inform the program organization: a central lobby acts as the trunk, with key program elements branching outward from this core. Rivers, long associated with renewal and restorative qualities, shape both the landscape strategy and a flowing folding element that defines space, guides movement, and provides passive shading.



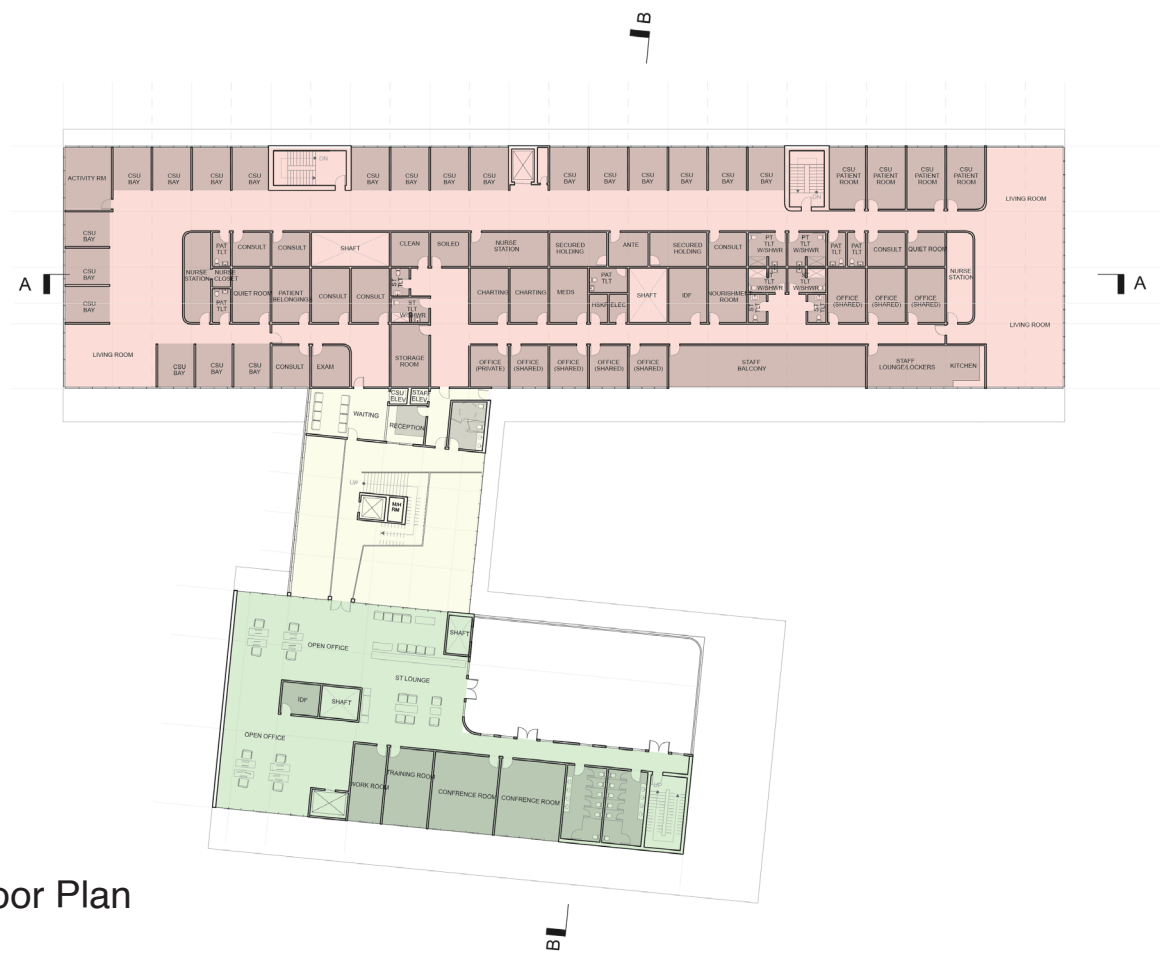
3 Design Goals

- INPATIENT HIGH-ACUITY
- INPATIENT LOW-ACUITY
- ROOFTOP GARDEN
- CSU
- ADMIN
- SERVICE
- LOBBY
- OUTPATIENT
- PARKING

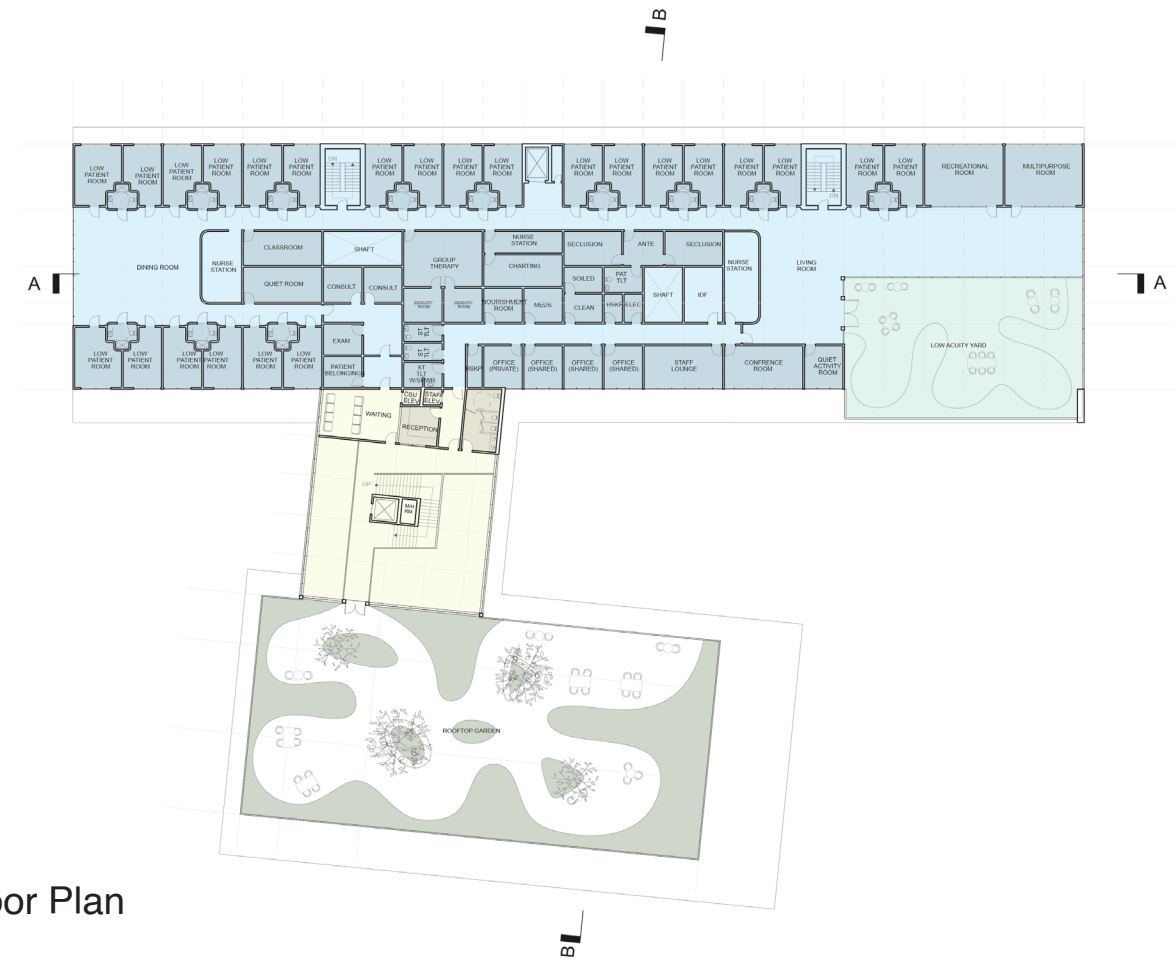
- STAFF ENTRANCE
- PATIENT ENTRANCE
- STAFF ELEVATOR
- PATIENT ELEVATOR
- STAFF
- PATIENT



Program Diagram



2nd Floor Plan



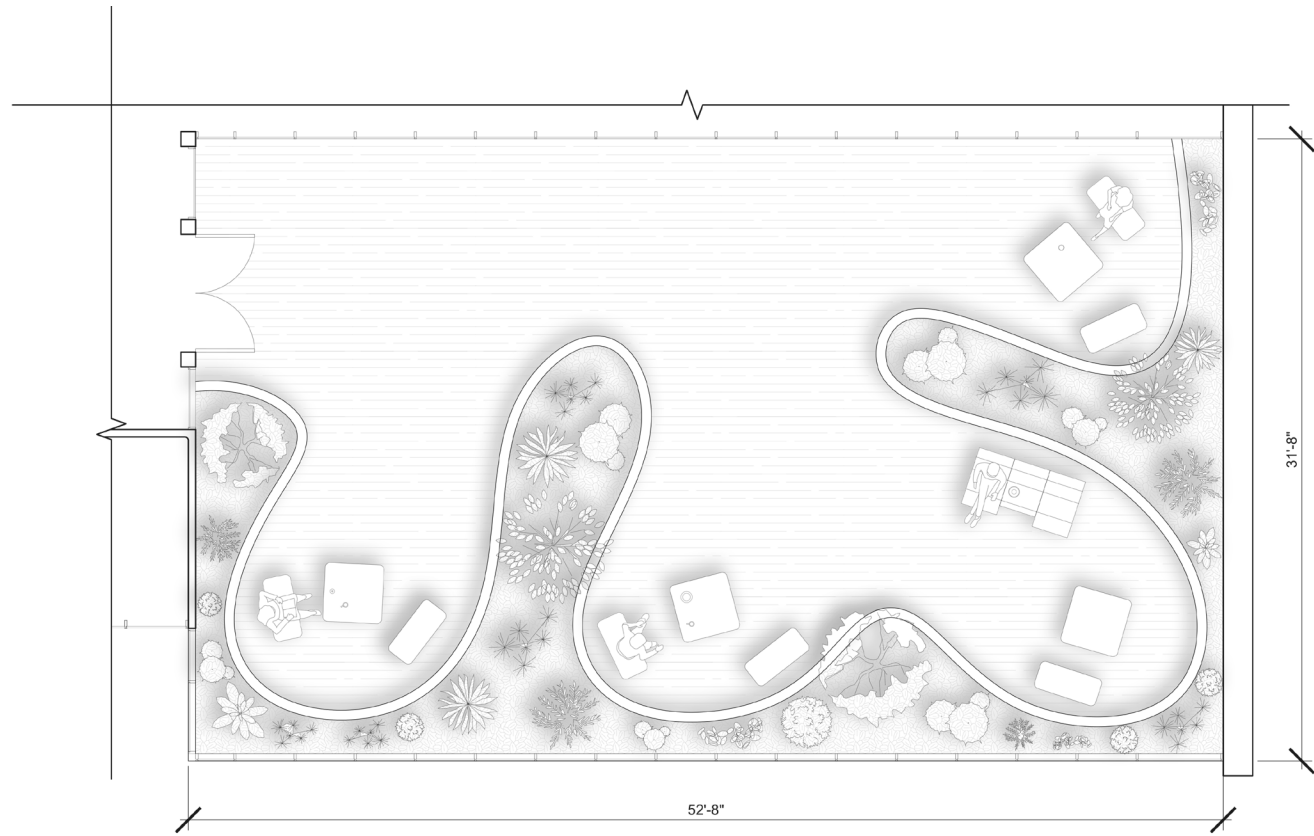
3rd Floor Plan



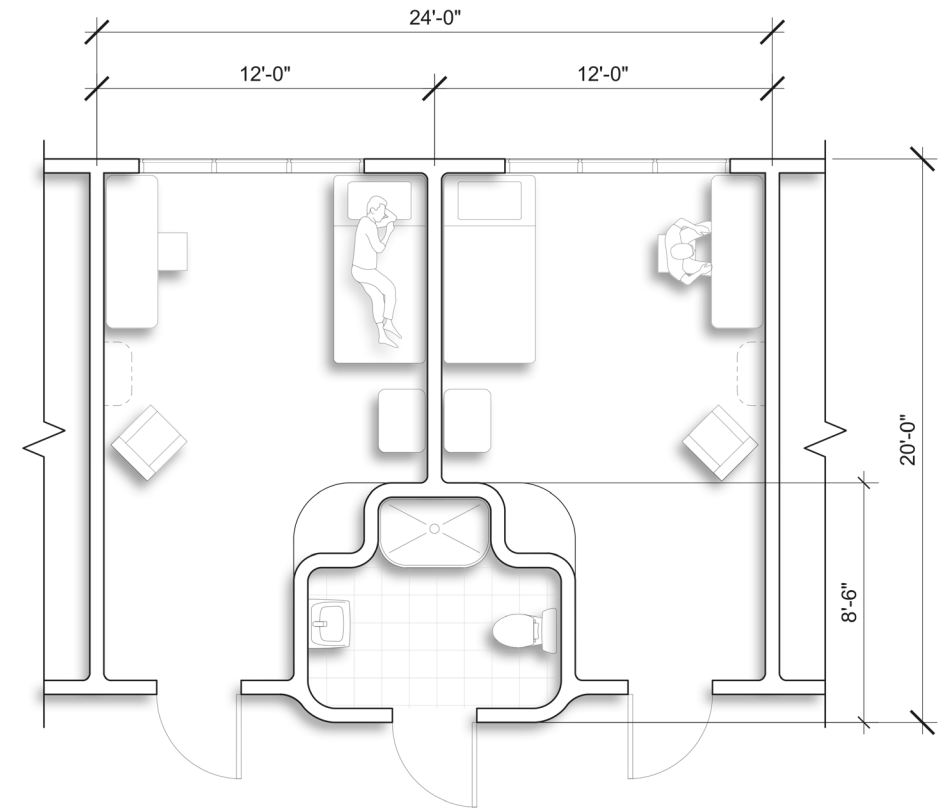
Render



Render



Enlarged Floor Plan: Activity Yard



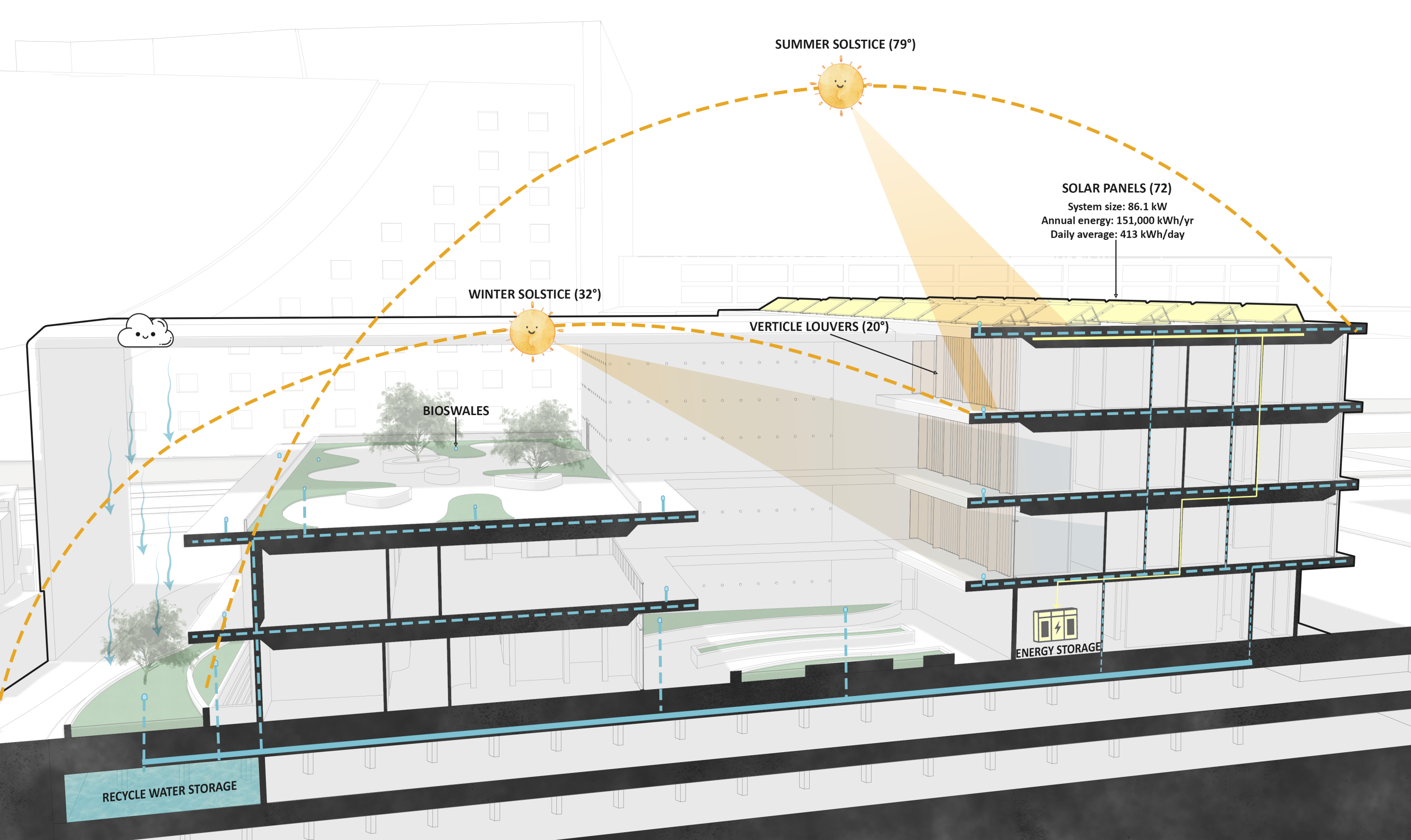
Enlarged Floor Plan: Patient Bedroom



Render



Render



SUMMER SOLSTICE (79°)

WINTER SOLSTICE (32°)

SOLAR PANELS (72)

System size: 86.1 kW
Annual energy: 151,000 kWh/yr
Daily average: 413 kWh/day

VERTICLE LOUVERS (20°)

BIOSWALES

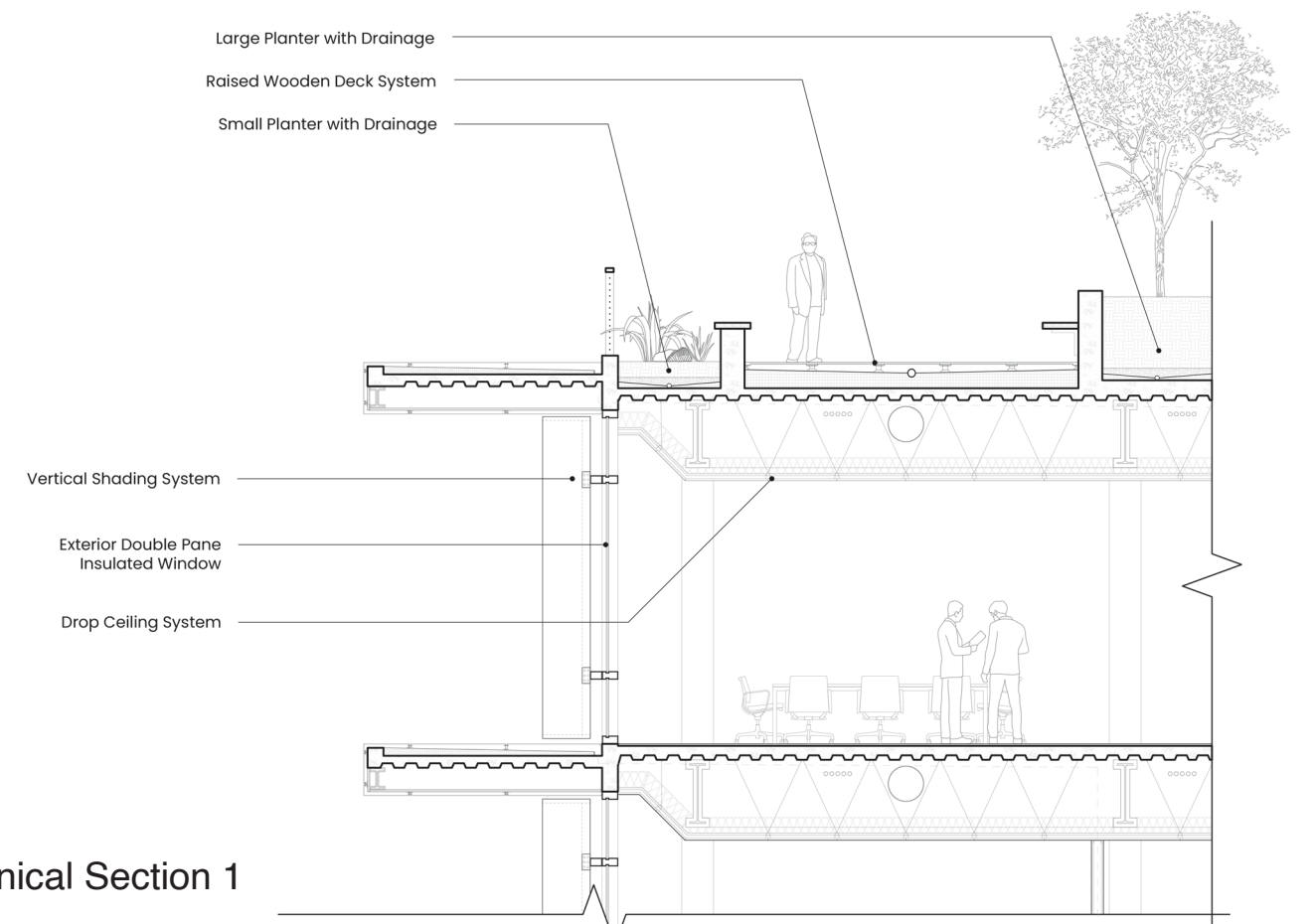
ENERGY STORAGE

RECYCLE WATER STORAGE

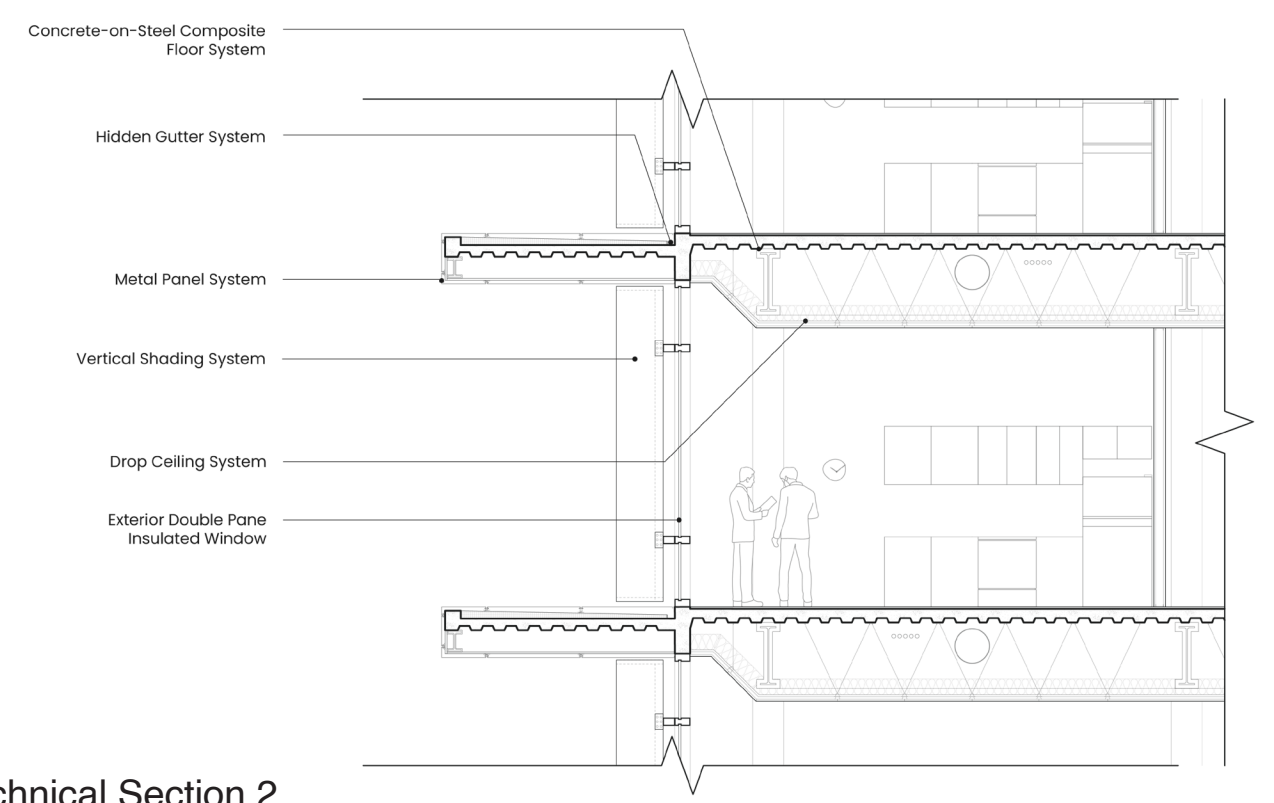
Sustainability Section



Render



Technical Section 1



Technical Section 2



Exterior Render

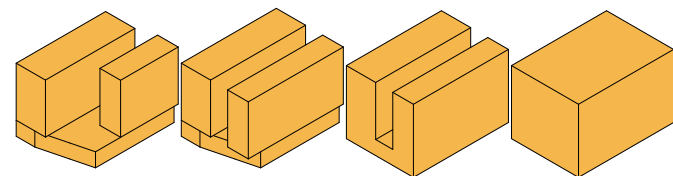


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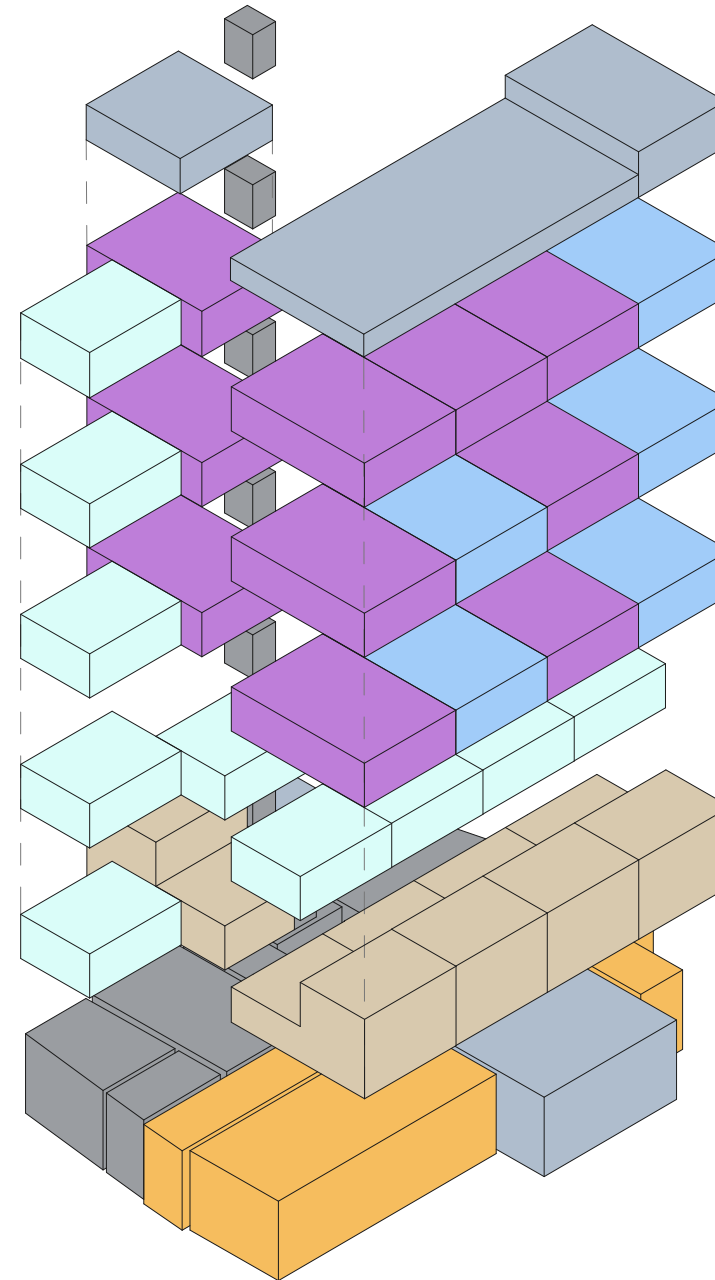
#2 Housing Project

Timberline Commons
 CPP Architecture / Spring 2025
 Arc-3021A
 Instructor: Scott Parker

Located next to the Downtown Santa Ana train station, my studio project proposes a sustainable, high-density housing development that responds to environmental concerns and community needs. At its core, the project aims to create more than just shelter, it aspires to foster social equity, accessibility, and resident well-being through thoughtful architectural design. The project employs mass timber construction as a foundational strategy for sustainability. As a renewable resource with a significantly lower carbon footprint than traditional materials, mass timber helps reduce the environmental impact of both construction and long-term use. Additionally, my building prioritizes passive strategies such as natural ventilation and daylighting to lower energy use and increase livability. It employs this strategy by splitting the residential units into two bar shaped towers that allow natural daylight and air to circulate through the divide between both bars.



Massing Diagram

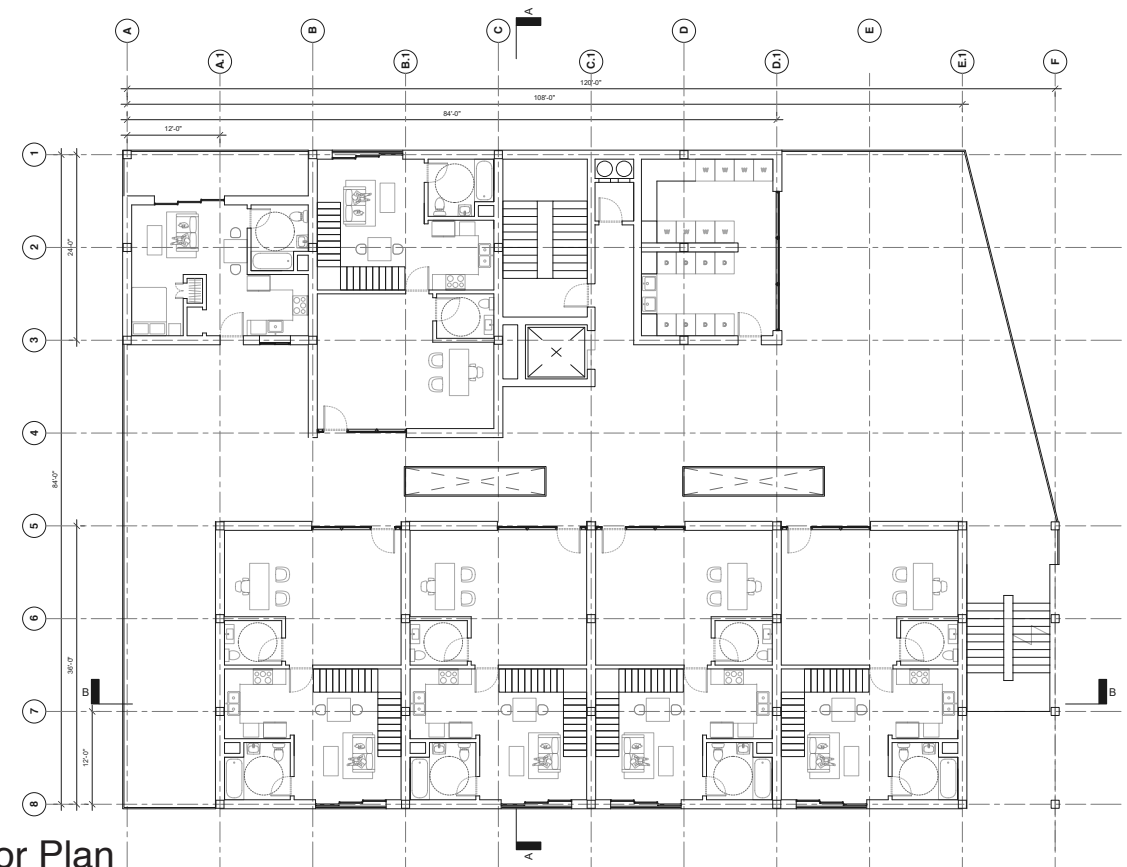


- 2 Bedroom Units
- Live Work Units
- 1 Bedroom Units
- Studio Units
- Public Amenities
- Private Amenities
- Back of House

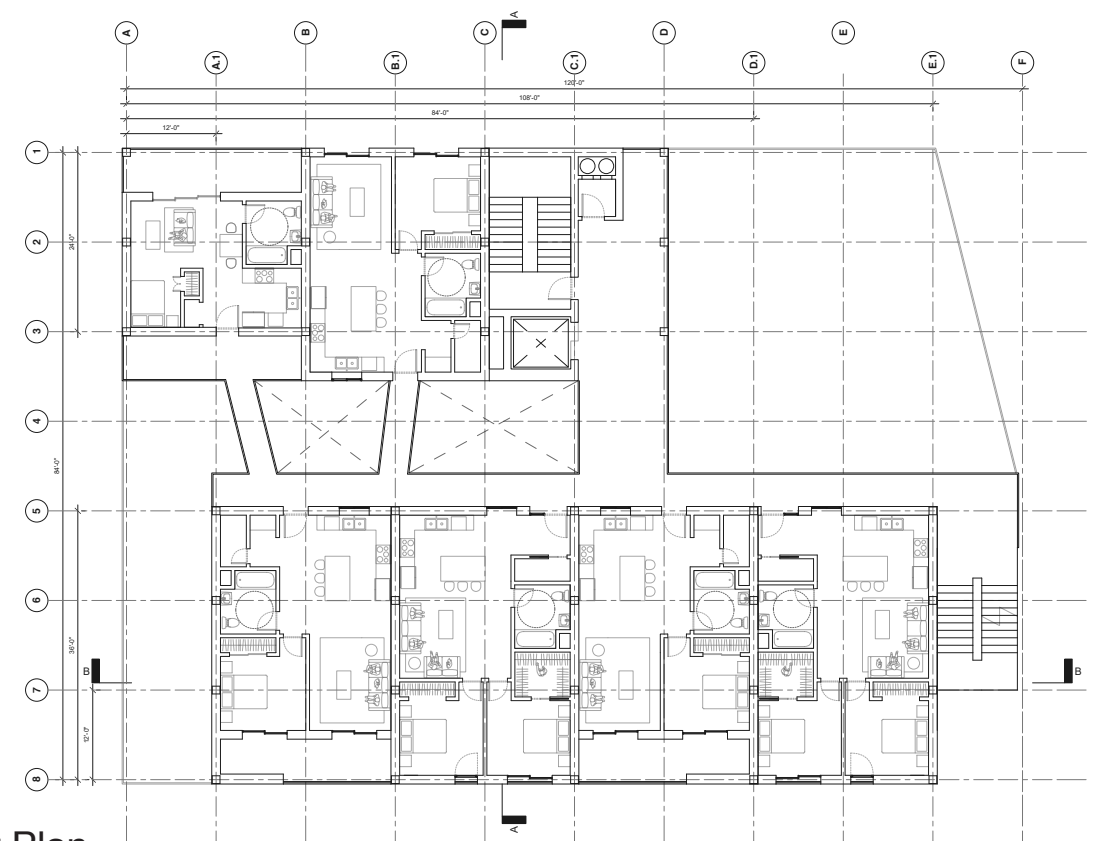
Program Diagram



Render



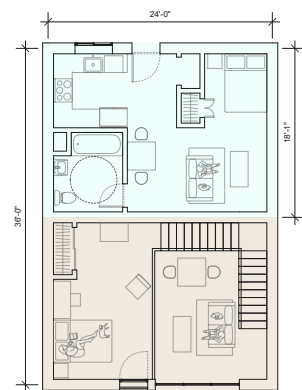
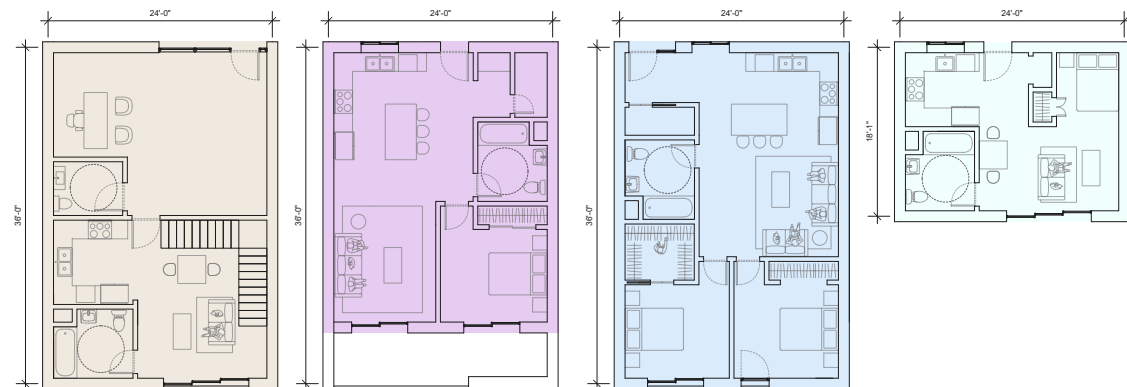
2nd Floor Plan



5th Floor Plan



Master Site Plan Axon



- 2 Bedroom Units (935 SQ. FT.)
- Live Work Units (1,400 SQ. FT.)
- 1 Bedroom Units (784 SQ. FT.)
- Studio Units (484 SQ. FT.)

Unit Plans



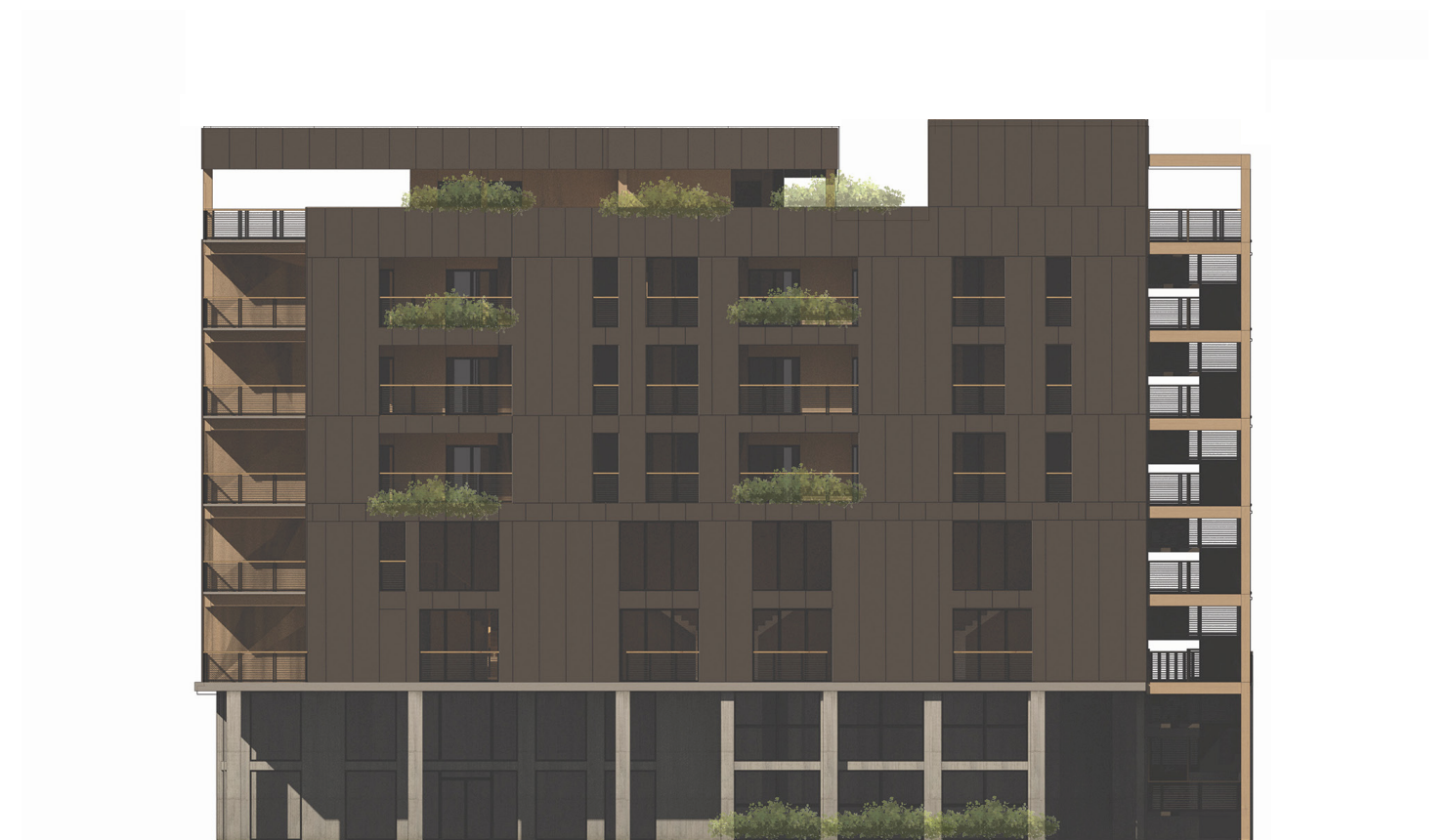
Render



Technical Section



Render



South Elevation



Render
By: Dominic Jarquin

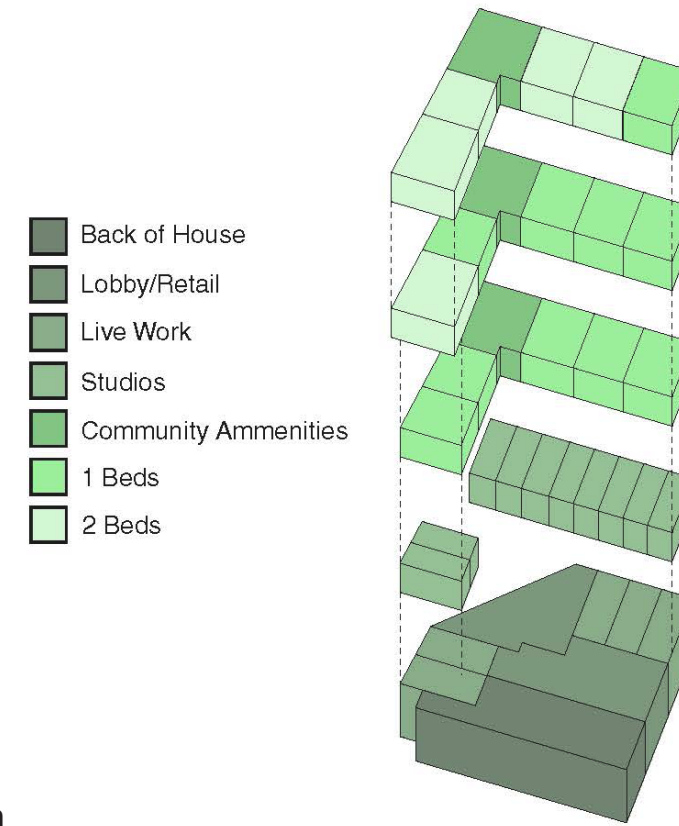
#3 Collaboration Project

Common Edge
CPP Architecture / Spring 2025
Arc-3021A
Instructor: Scott Parker

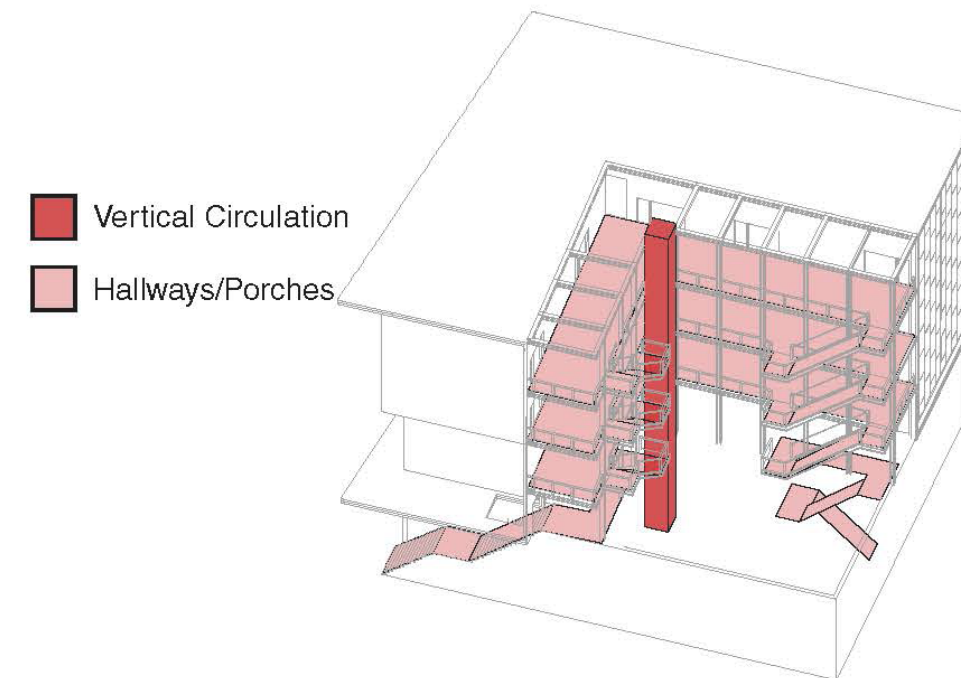
Design by: Dominic Jarquin

Group Project:
Dominic Jarquin
Jesus Jacquez
Jasmine Vargas
Jason Rinaldi

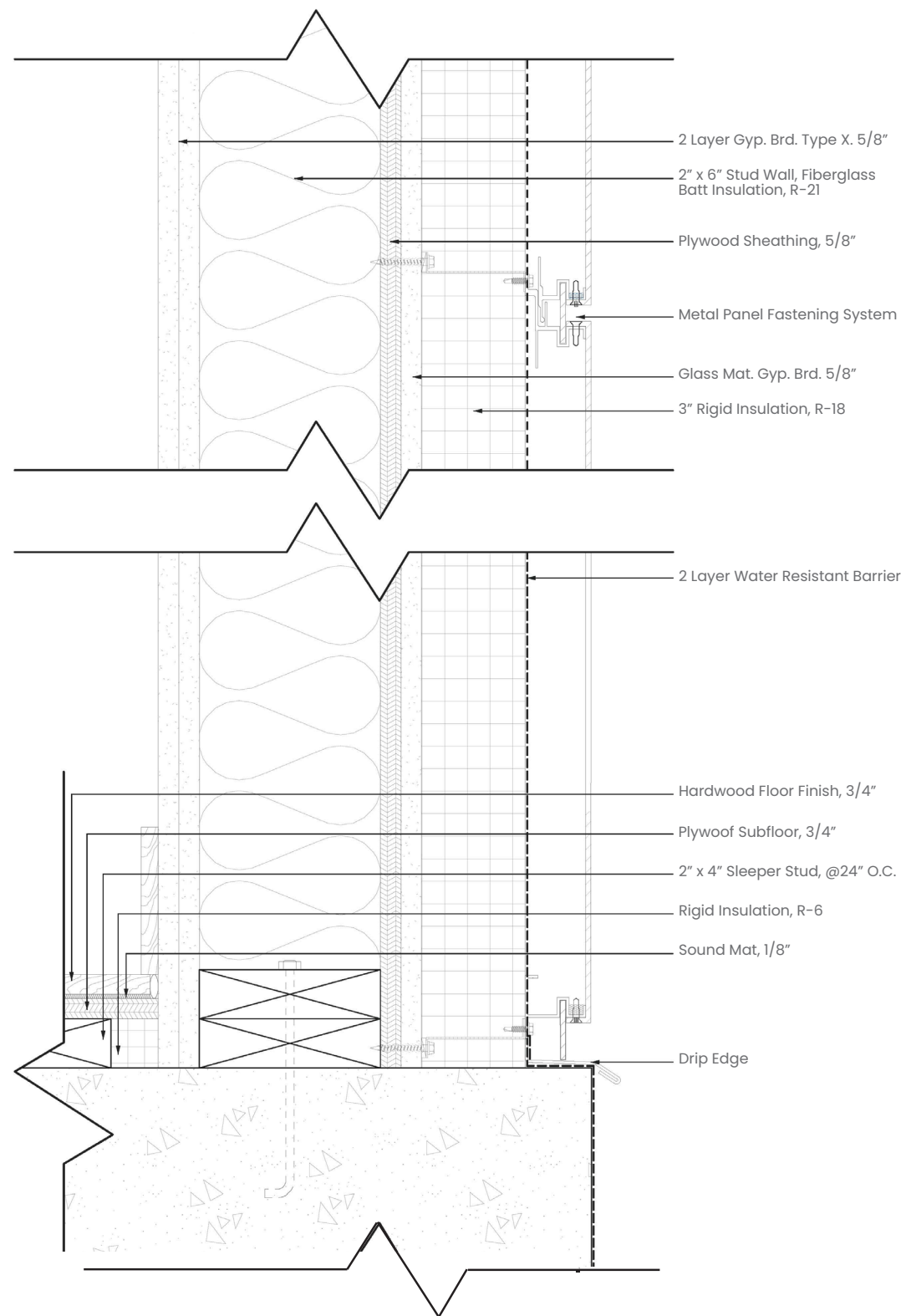
This project is the same as the Santa Ana Housing Project mentioned before, it is a high-density housing project located in near the Santa Ana train station. This project design was made by Dominic Jarquin. After designs were finalized, our studio professor picked this project to move forward and create a construction document set. For this I worked on construction details such as wall assemblies, roof assemblies, and floor plate assemblies. There are also more details like planters, foundations, windows, etc.



Program Diagram
By: Dominic Jarquin

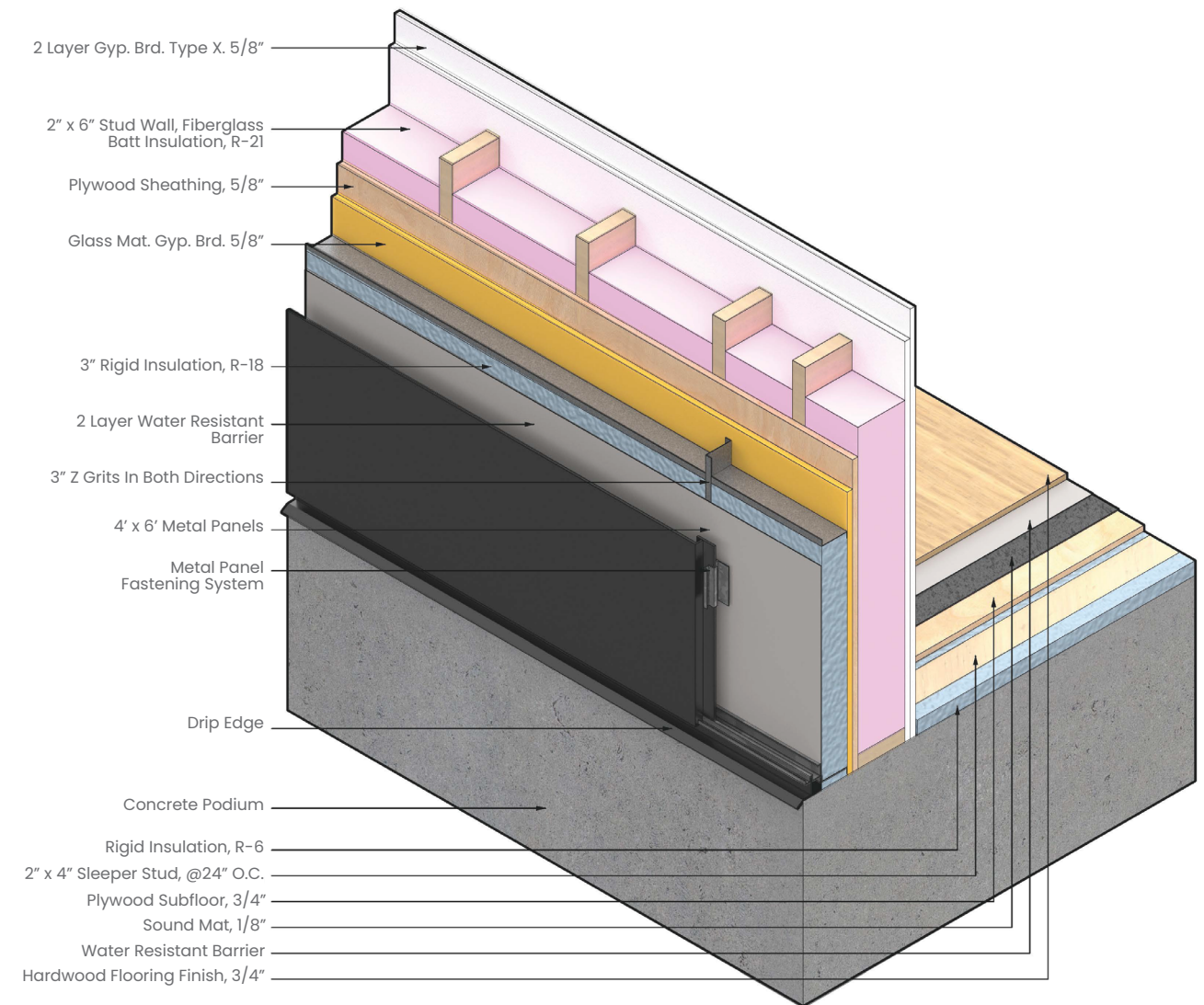


Circulation Diagram
By: Dominic Jarquin



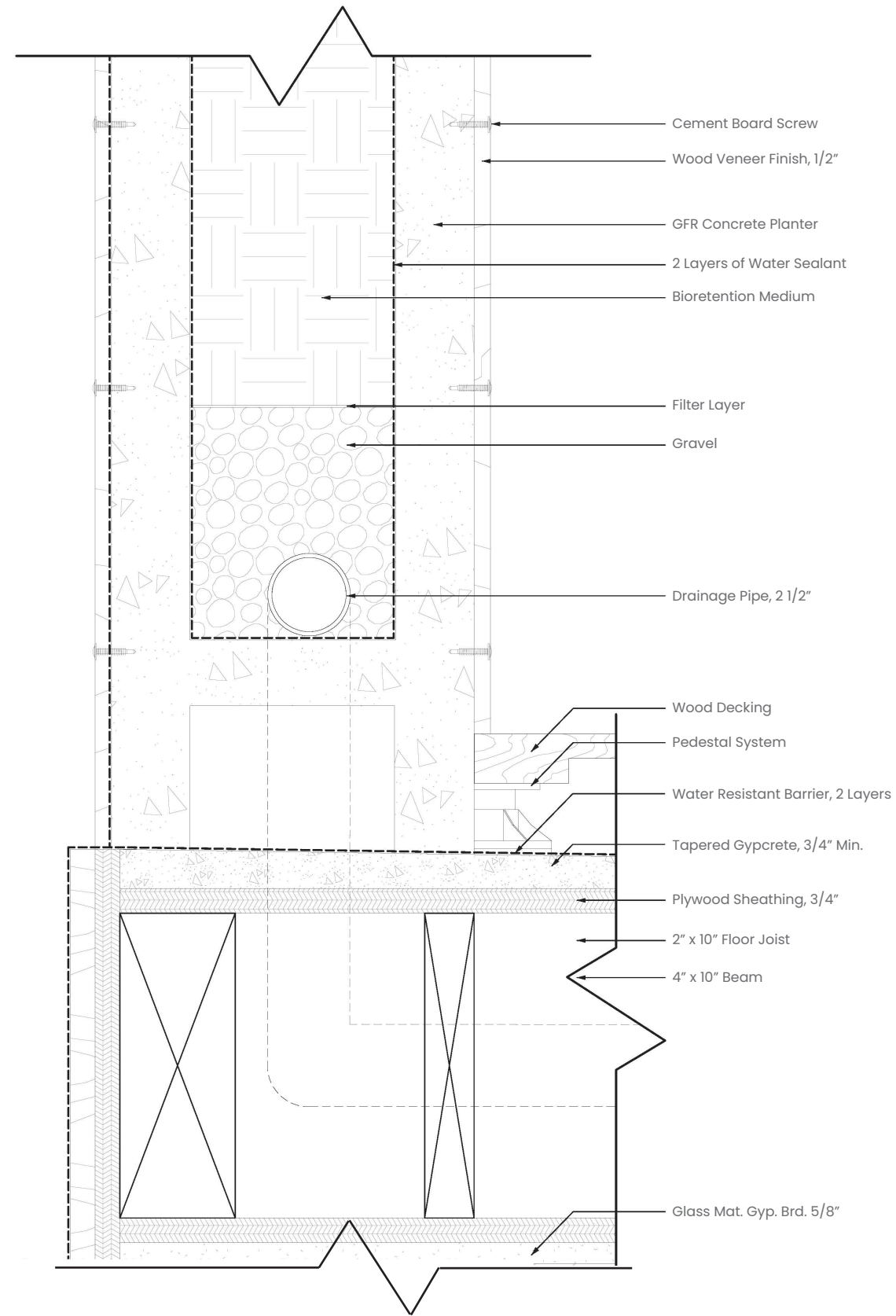
Line Detail-Exterior Wall Detail

NTS



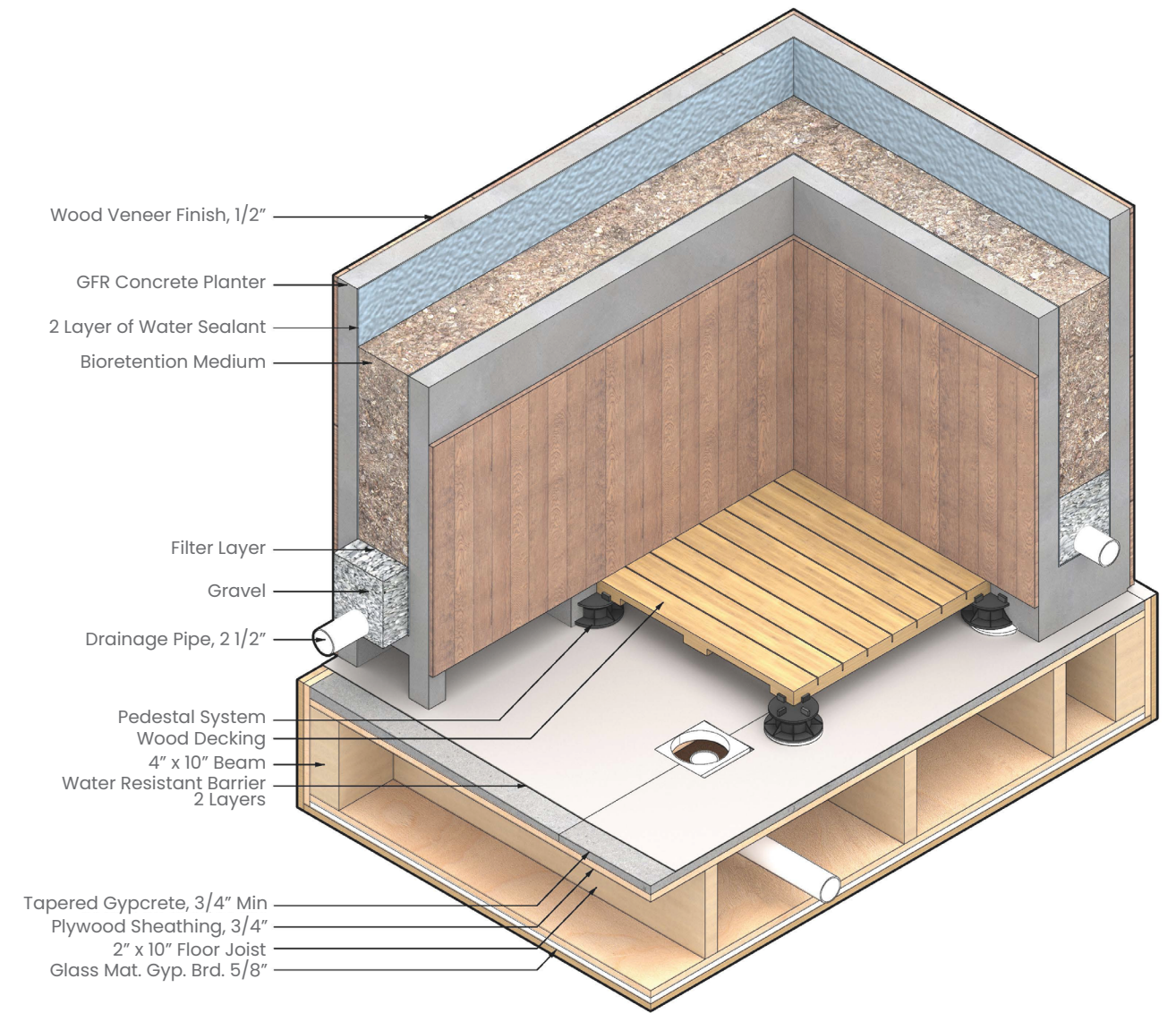
Axonometric-Exterior Wall Detail

NTS



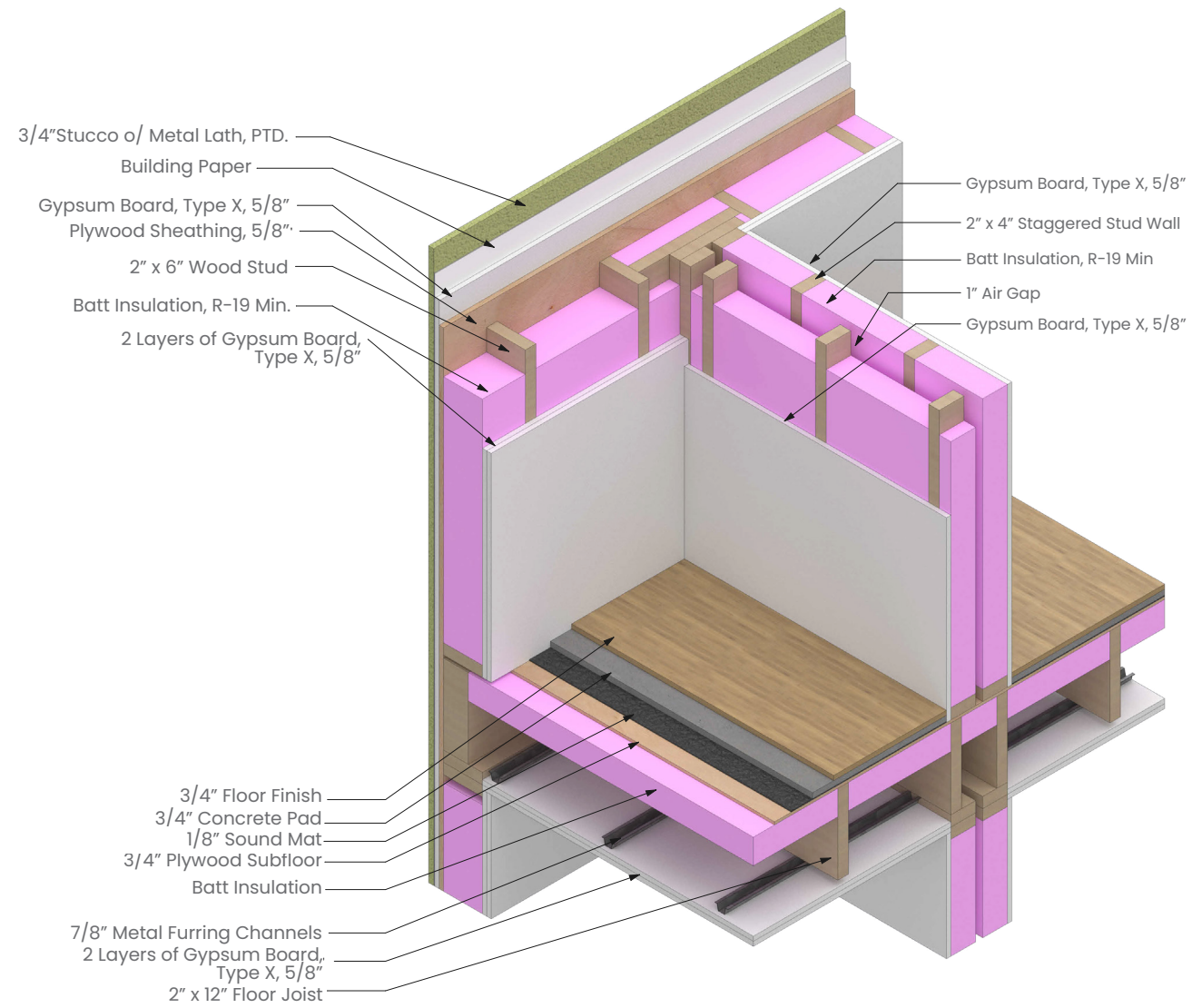
Line Detail-Balcony Planter Detail

NTS



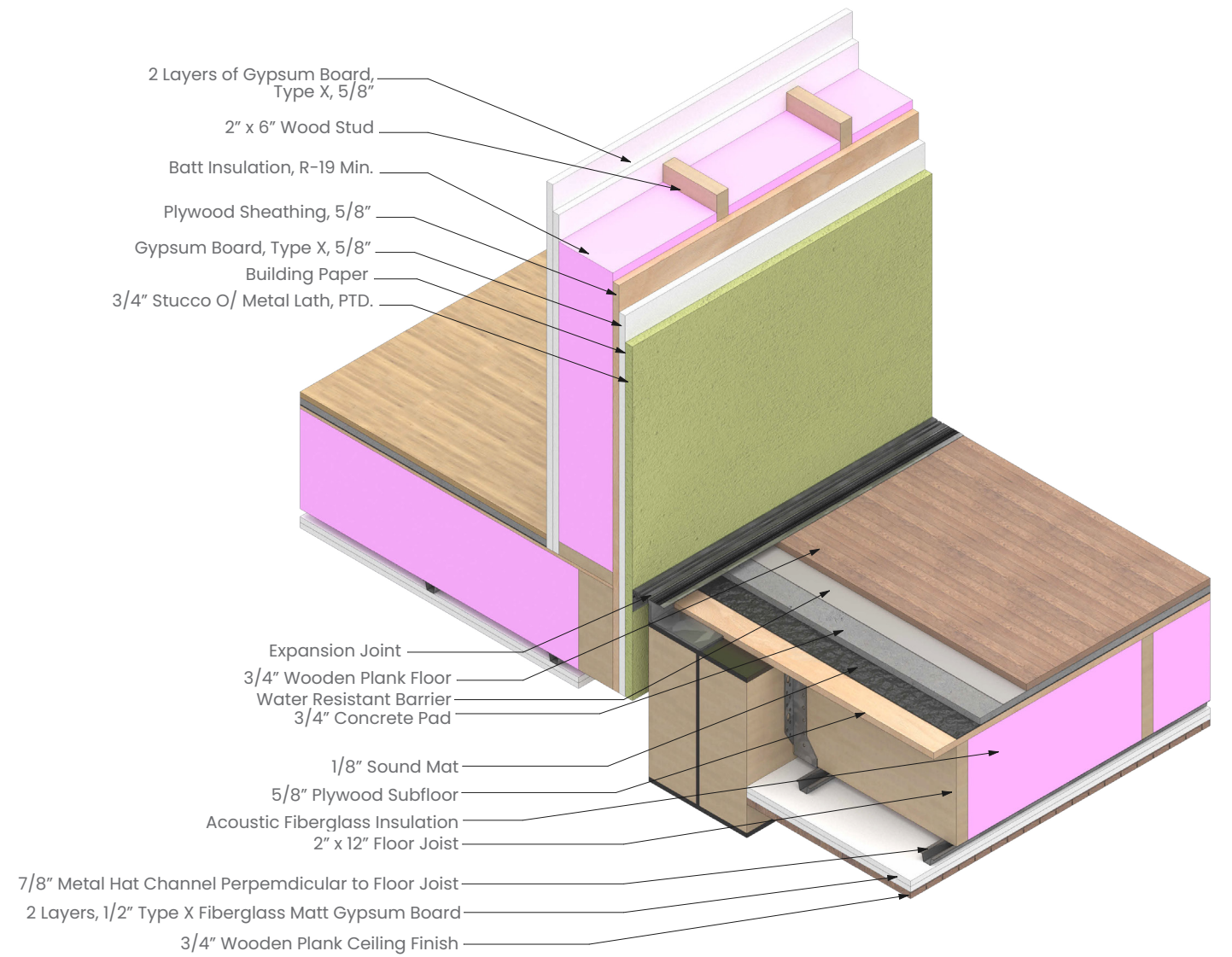
Axonometric-Balcony Planter Detail

NTS



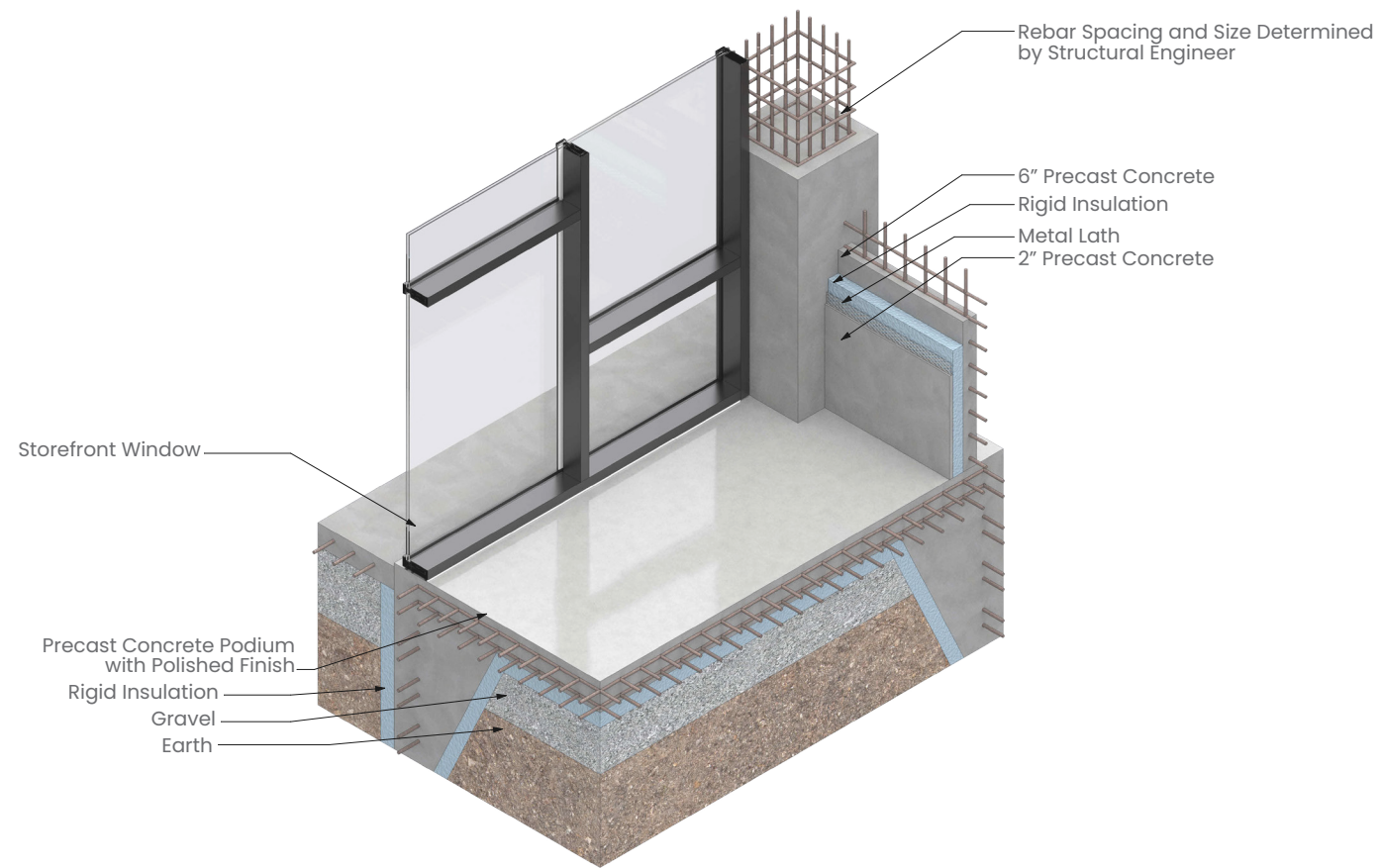
3D Axonometric Detail

Interior Double Stud Wall



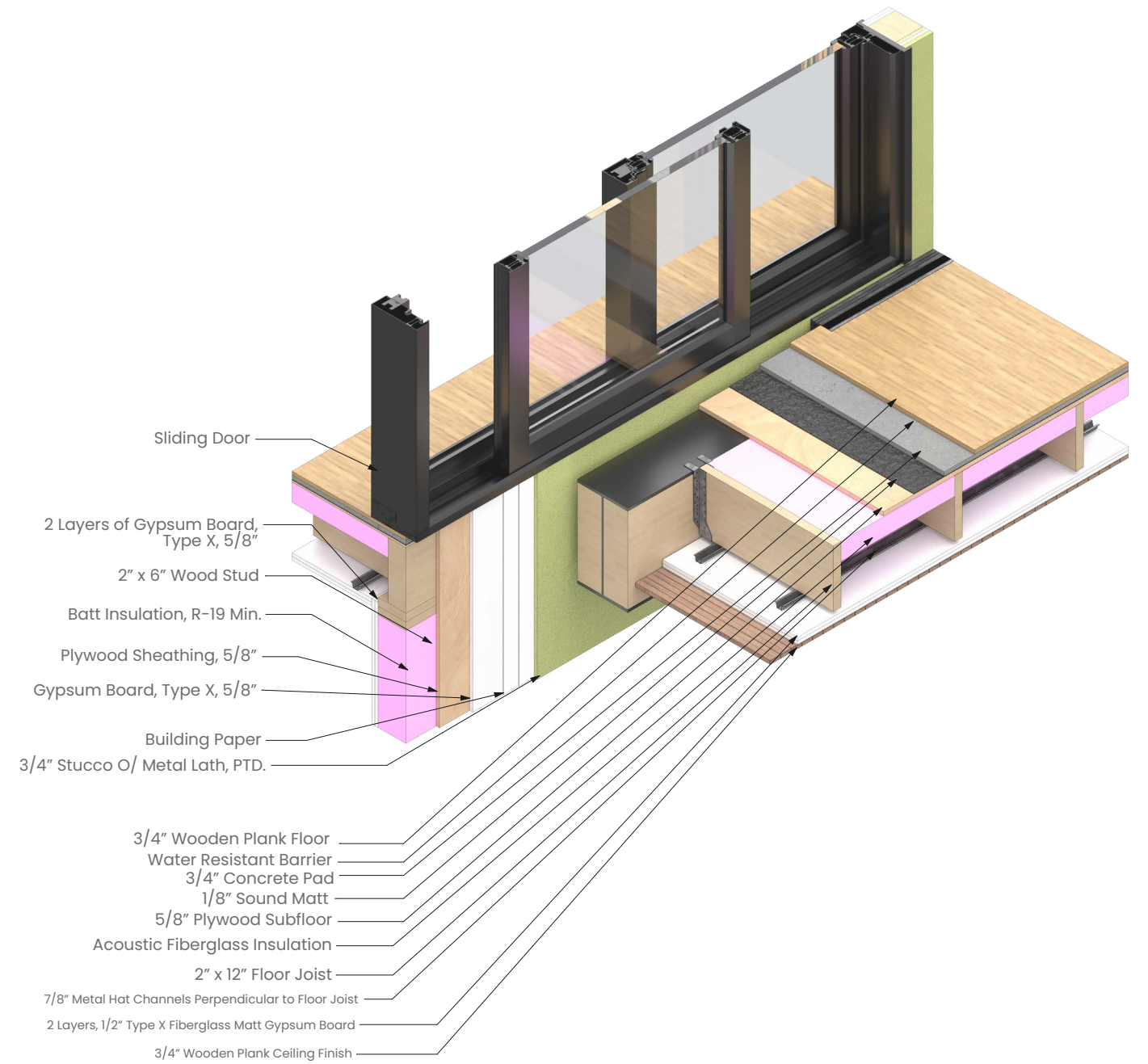
3D Axonometric Detail

Outdoor Deck/Exterior Wall



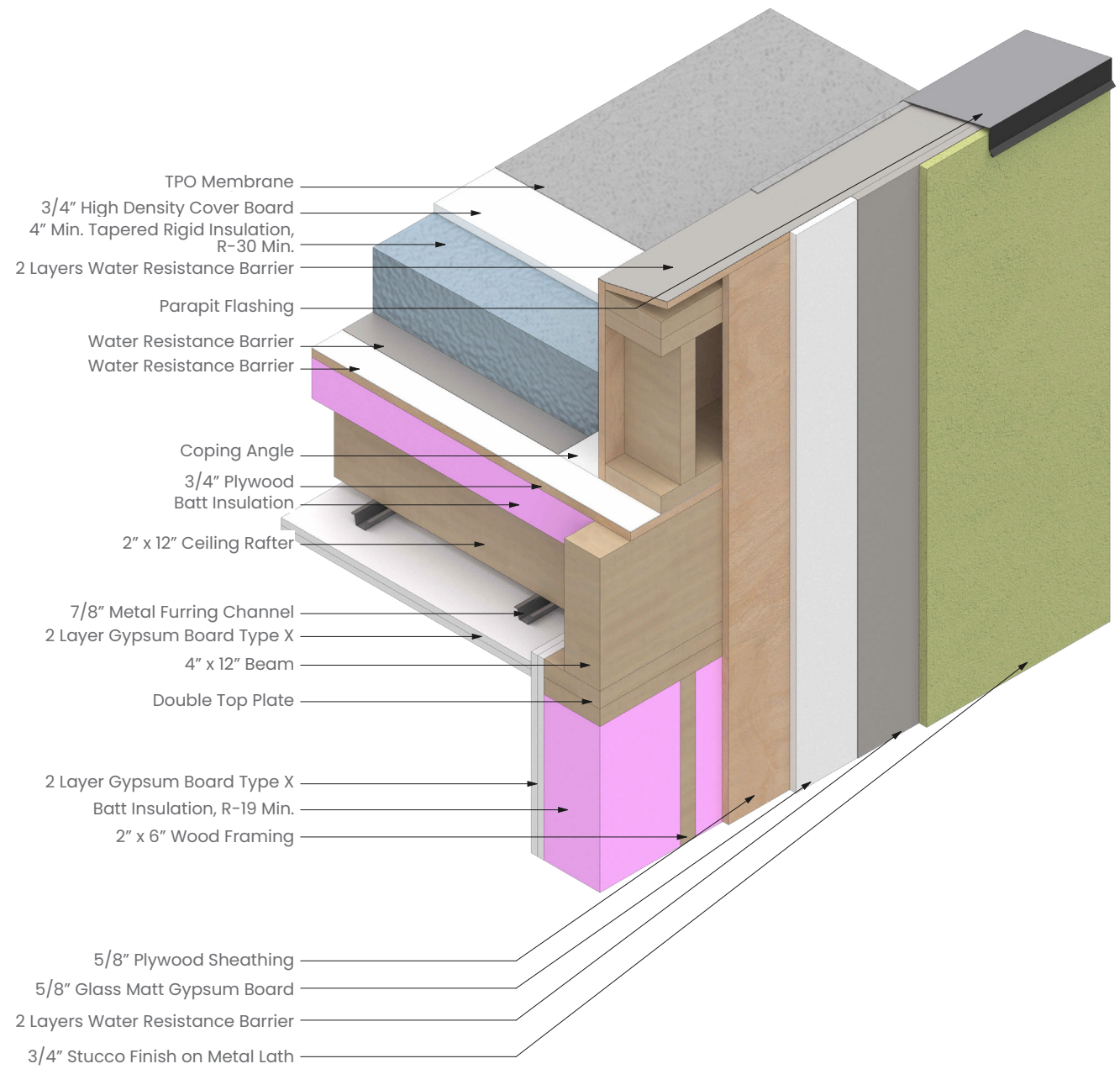
3D Axonometric Detail

Foundation/Concrete Wall



3D Axonometric Detail

Sliding Door/ Exterior Wall



3D Axonometric Detail

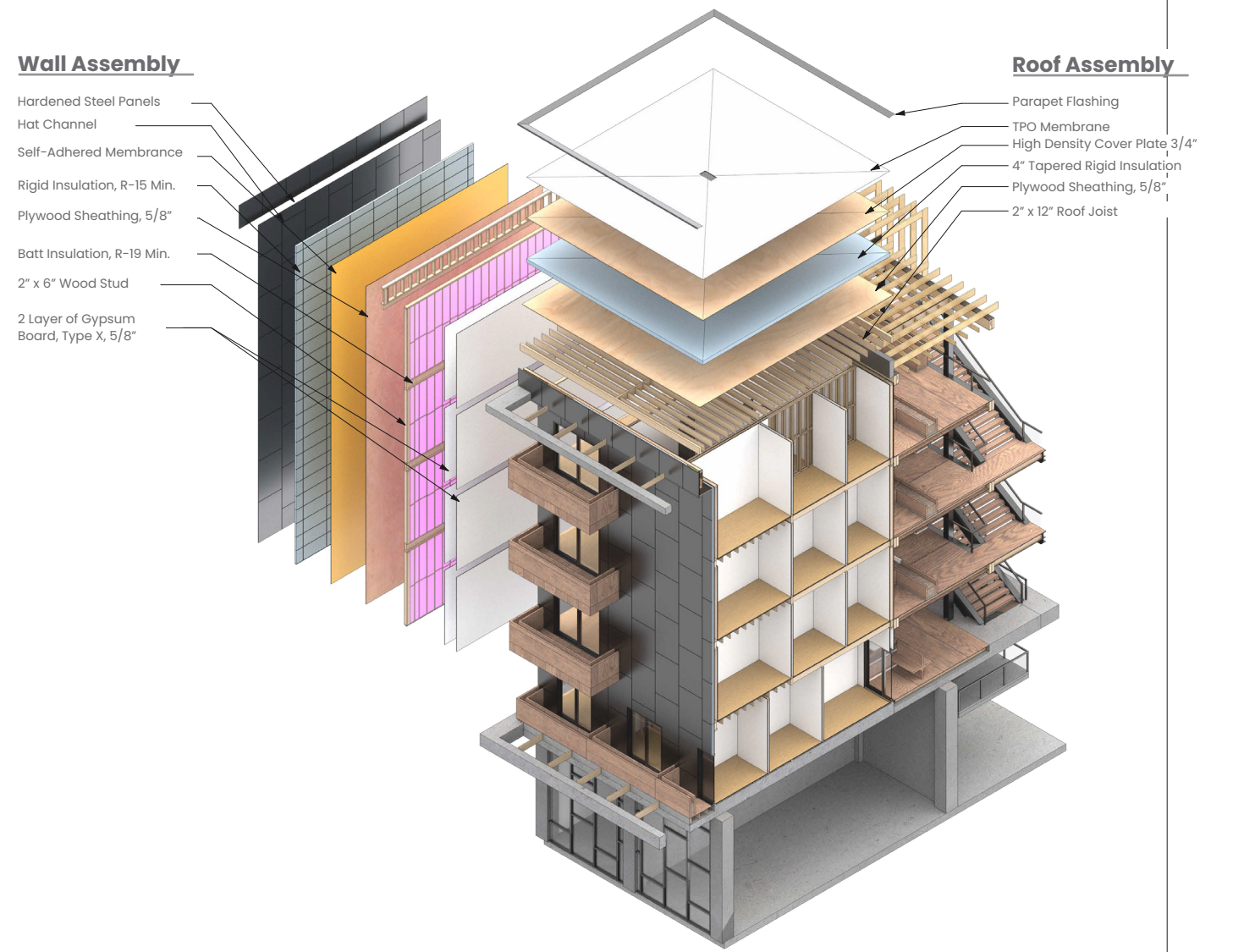
Roof Parapit

Wall Assembly

- Hardened Steel Panels
- Hat Channel
- Self-Adhered Membrane
- Rigid Insulation, R-15 Min.
- Plywood Sheathing, 5/8"
- Batt Insulation, R-19 Min.
- 2" x 6" Wood Stud
- 2 Layer of Gypsum Board, Type X, 5/8"

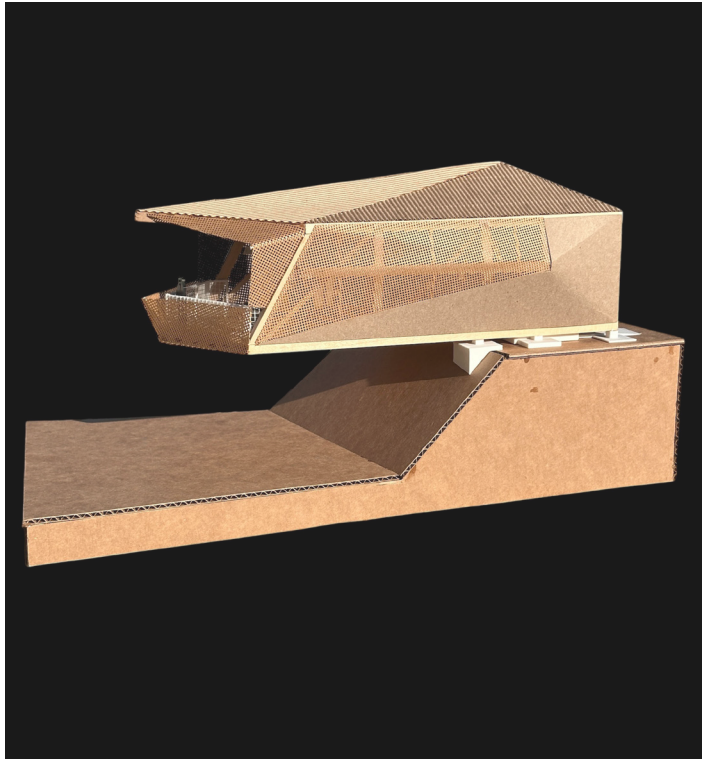
Roof Assembly

- Parapet Flashing
- TPO Membrane
- High Density Cover Plate 3/4"
- 4" Tapered Rigid Insulation
- Plywood Sheathing, 5/8"
- 2" x 12" Roof Joist



3D Axonometric Detail

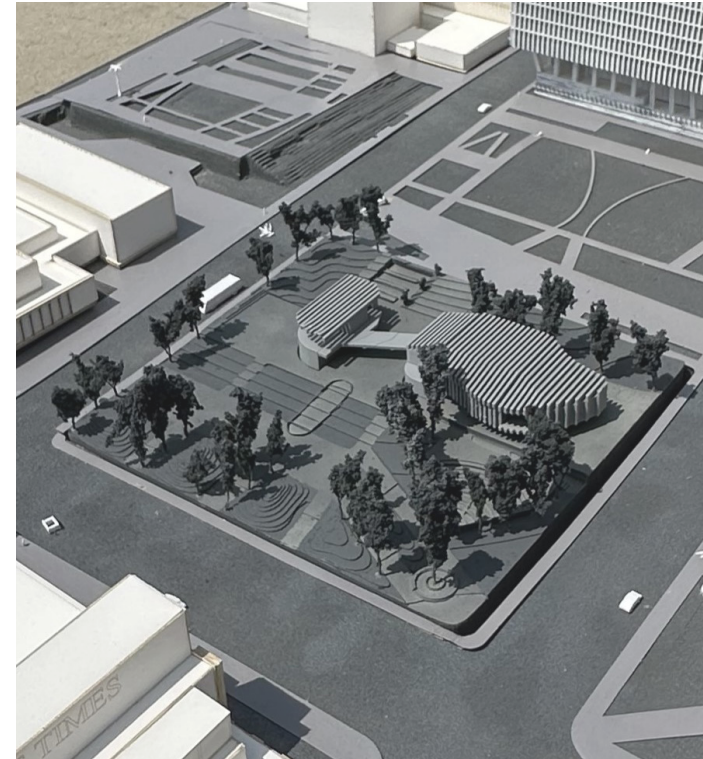
Wall Assembly/ Roof Assembly



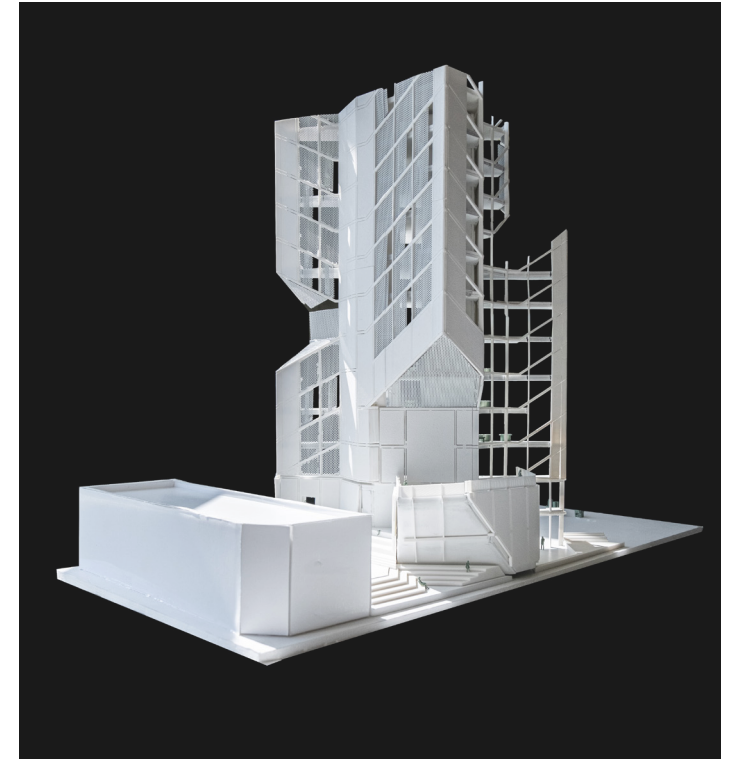
3rd Year Cantilever Project Model
Hand Cut Chipboard and Perforated Paper
Wooden Dowel and 3D Printed Foundations,
and a Laser Cut Base



Interior Shot of Cantilever Model



1st Year Community Center Project Model
Laser Cut and Spray Painted Base
3D Printed Model

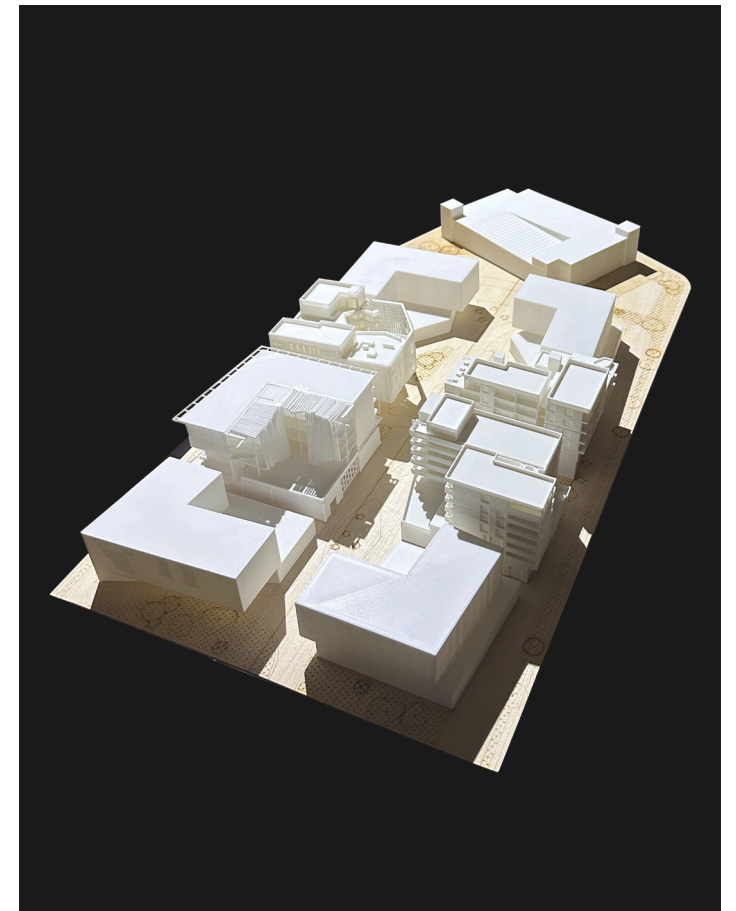


2nd Year Architecture School Model
Foam Core Base, Entirely 3D Printed Model and
Hand Cut Perforated Paper

#4 Fabrication



3rd Year, 1st Semester: Housing and Research
Facility Project Model
Laser Cut Cardboard Base and Laser Cut
Museum Board Building with 3D printed and
spray painted facade



3rd Year, 2nd Semester: High
Density Housing Project
Laser cut and Etched
Basswood Base with 3d
Printed Buildings

VICINITY MAP

DRAWING INDEX

PROJECT CONTACT

PROJECT INFORMATION

COWBOY RESIDENCE

5901 E COWBOY CIR,
ANAHEIM, CA, 92807

C ELY DEVELOPMENT

151 N. WILSON ST. STE. 100
ANAHEIM HILLS, CA 92807
TEL: 714.708.4666

KEYNOTES

APPLICABLE CODES

A0.0

Cover Sheet

#5 Professional Work

Residential Work
ADU, Garage Conversions, New Additions

Cely Development Group

This project is in Anaheim Hills. Its scope of work consisted of conversion of a studio to a 1 bed, 1 bath, and adding 66 Sq. Ft. to it. There was also a balcony extension to the existing balcony, in addition to a new exterior stairwell for the balcony extension. This project consisted of an entire schematic design package.

DEMO PLAN AT BALCONY AREA- MAIN FLOOR

DEMO PLAN AT ROOM ADDITION

DEMO PLAN AT BALCONY AREA- LOWER FLOOR

COWBOY RESIDENCE

5901 E COWBOY CIR,
ANAHEIM, CA, 92807

C ELY DEVELOPMENT

151 N. WILSON ST. STE. 100
ANAHEIM HILLS, CA 92807
TEL: 714.708.4666

GENERAL LEGEND

WALL LEGEND

KEYNOTES

APPLICABLE CODES

A.01

Demolition Plan

DEMO BACK ELEVATION

DEMO FRONT ELEVATION

COWBOY RESIDENCE

5901 E COWBOY CIR,
ANAHEIM, CA, 92807

C ELY DEVELOPMENT

151 N. WILSON ST. STE. 100
ANAHEIM HILLS, CA 92807
TEL: 714.708.4666

GENERAL LEGEND

WALL LEGEND

KEYNOTES

APPLICABLE CODES

A.02

Demolition Elevation



Let's Get in Touch

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San Bernardino, CA

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Jesusjacquez2002@gmail.com
