

# JULIO VIEJO



Architecture Portfolio 2025

# COLLECTIVE HOUSING IN NEW YORK

## Columbia University

Selected for GSAPP Summer Summit

Typological Housing project inspired  
by Steven Holl's Alphabet City

Final model 1/50 scale.

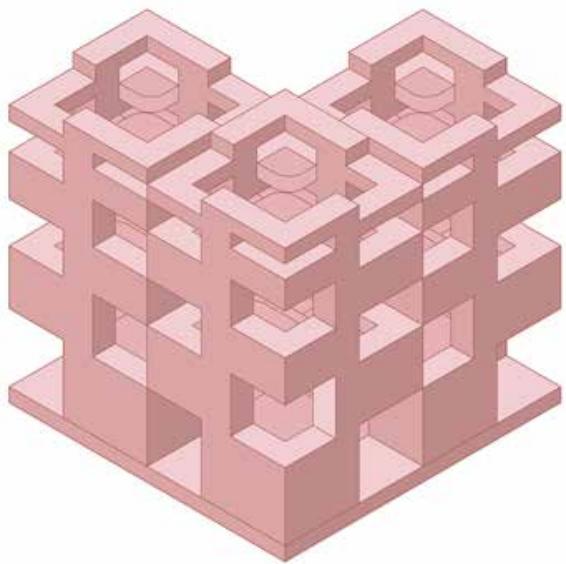
Total height: 6'4"

Base dimensions: 2' x 2'

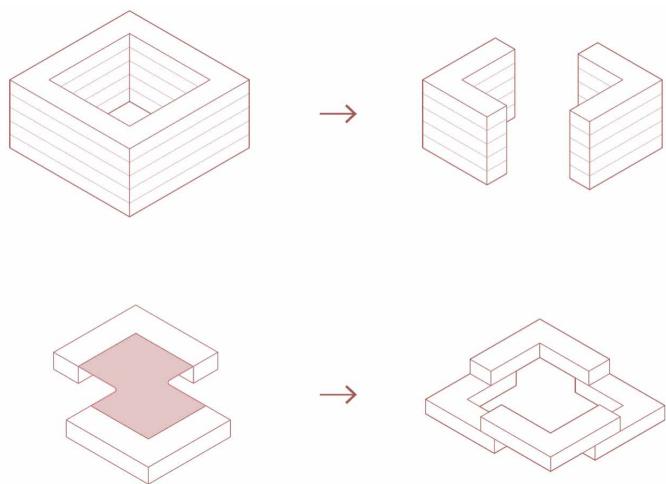
Completed in 3 weeks

A non-site-specific development  
designed to improve the quality of  
life for residents and the city as a  
whole.

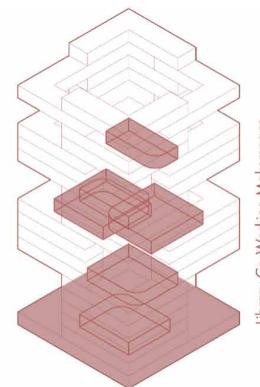
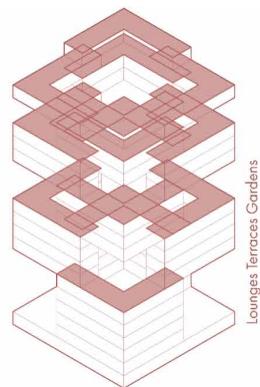
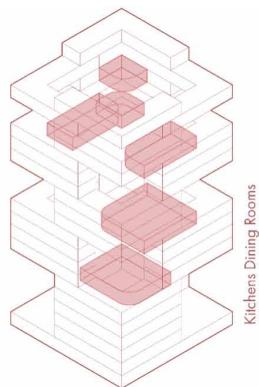
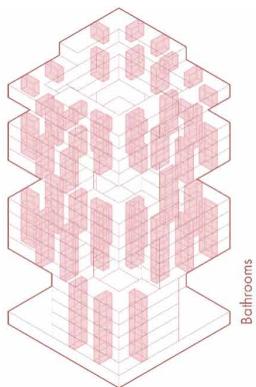




Axonometric View  
Reciprocity Between Buildings



Typological Abstraction  
'O' Letter Type & Sheared 'L' Type

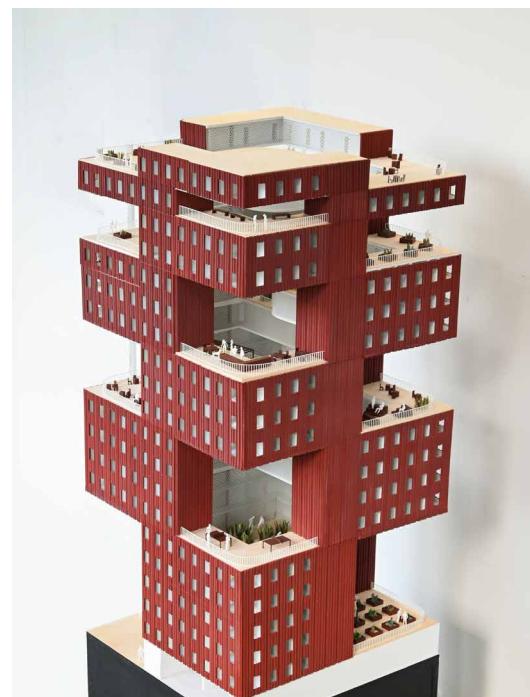


Retail Laundry Storage Cafe Sports Playroom

Axonometric View  
Spaces' Distribution



Retractable piece, showing the connection between the private and the public spaces



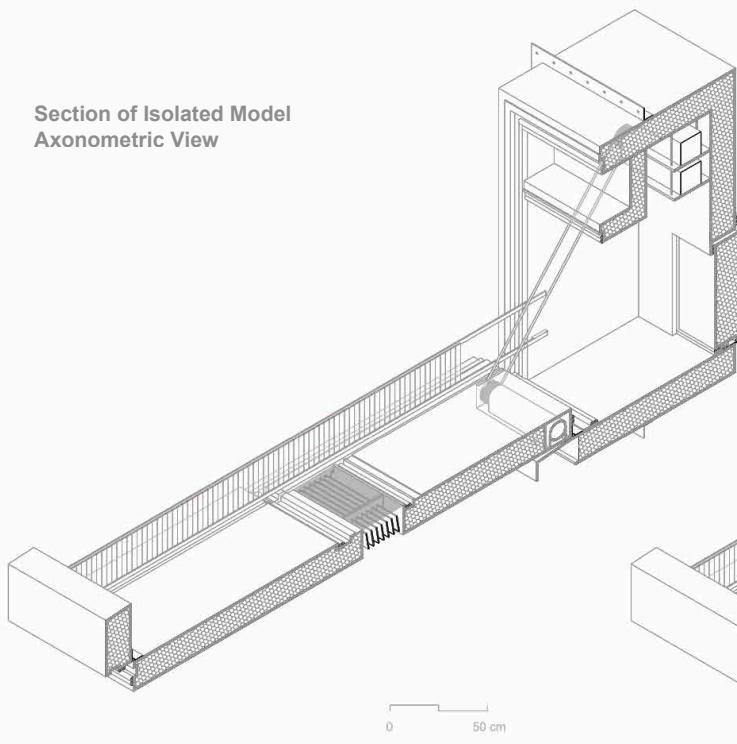
Full model against wall

# UAV FACADE DELIVERY SYSTEM

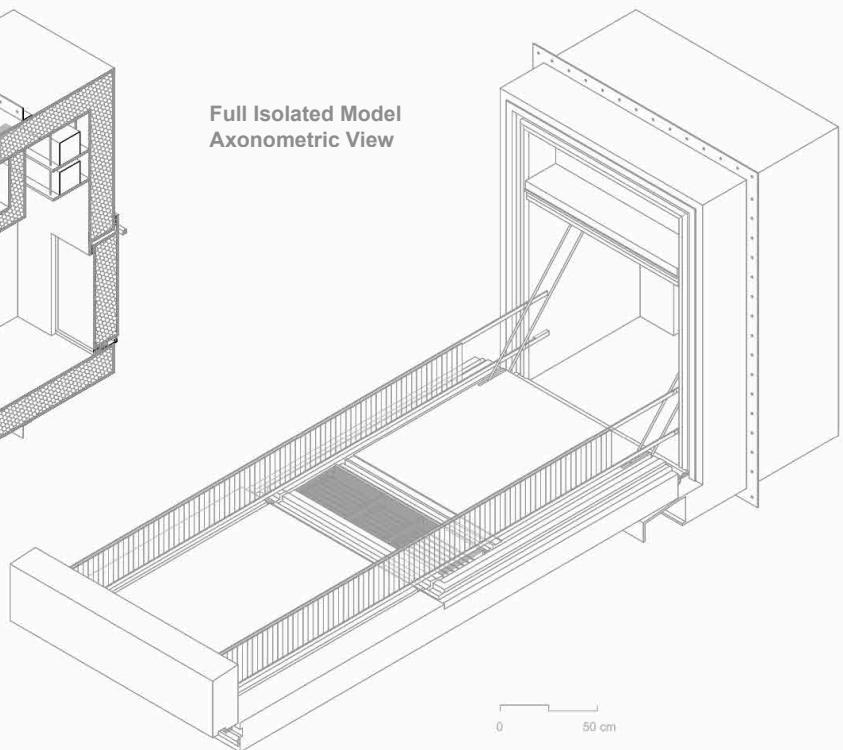
## B.ARCH PROJECT

Project completed during my B.Arch's last year.  
Later published with faculty in a research paper on UAV Delivery Systems within dense urban areas,  
where delivery systems can be enhanced through the logistics medium provided by technological  
developments in drone architecture as well as the availability of unused vertical space in cities.

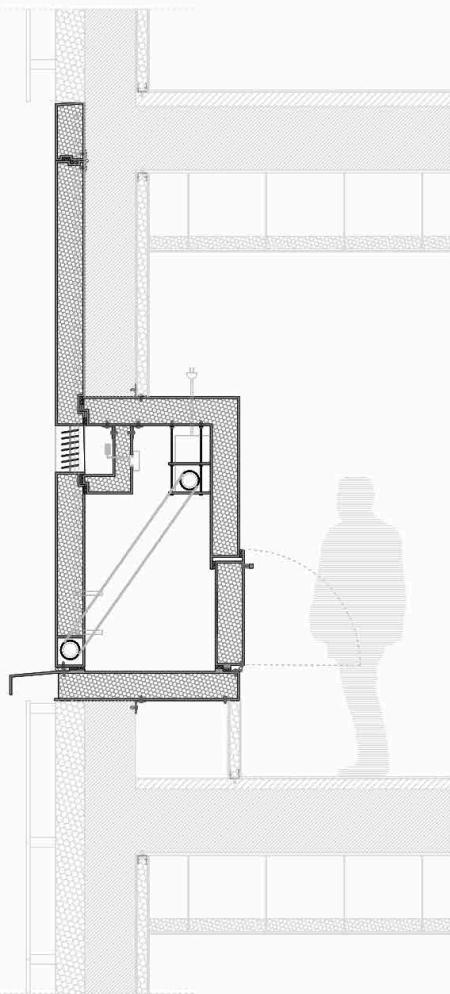
Section of Isolated Model  
Axonometric View



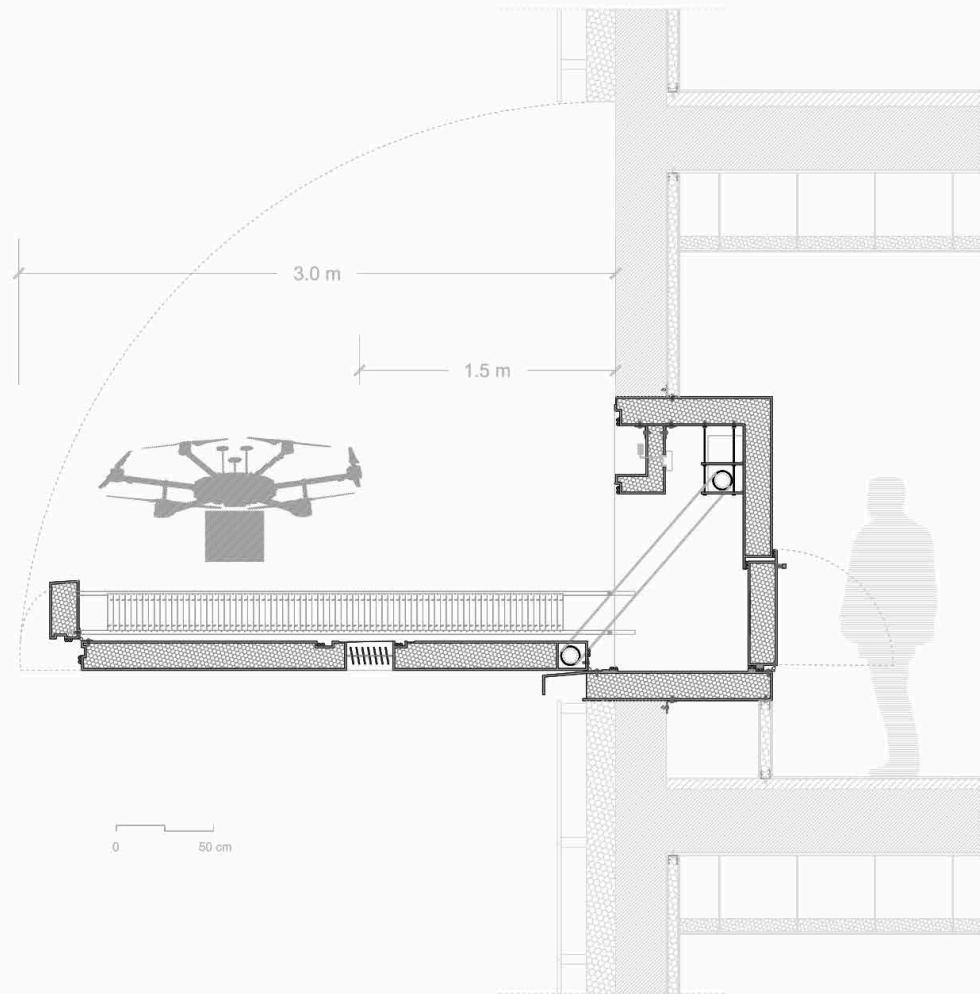
Full Isolated Model  
Axonometric View

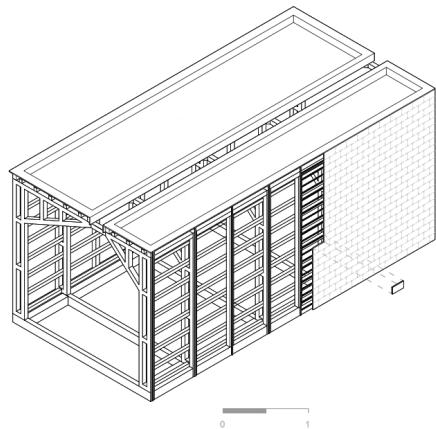


Section of Placed Model - Closed

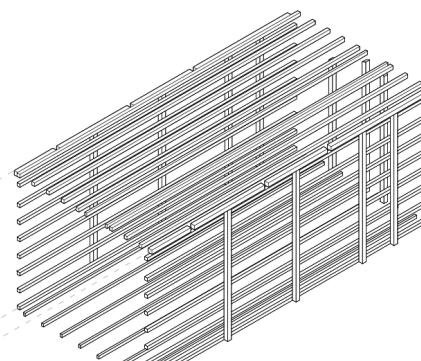


Section of Placed Model - Open

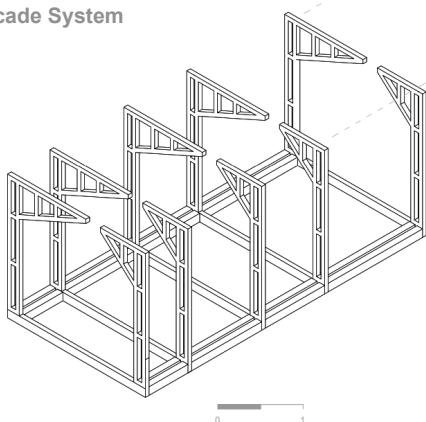




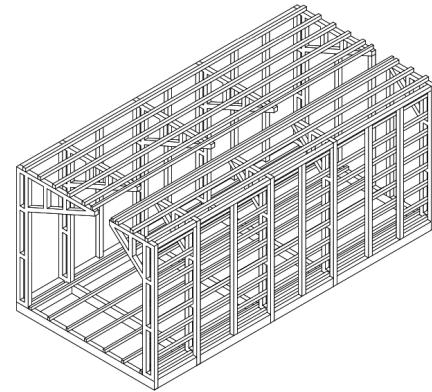
Structure - Facade System



Total Structure Design

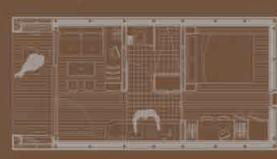
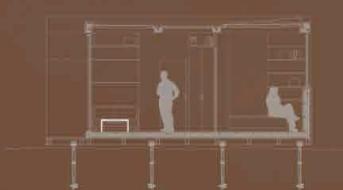
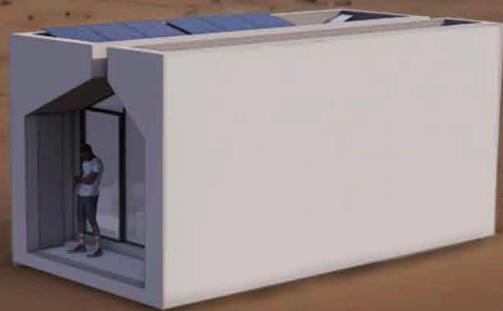


Main Structure-Frames



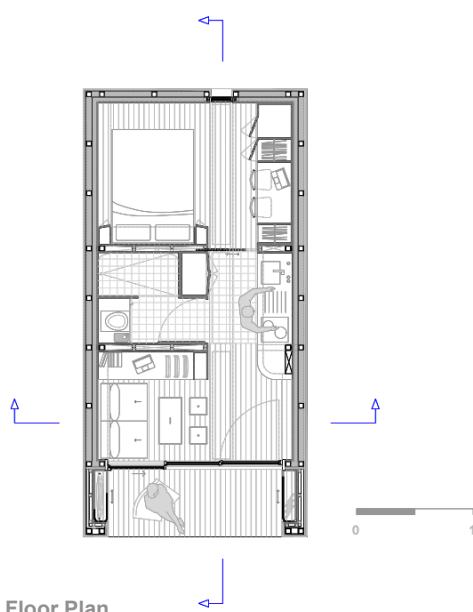
Render/Photomontage: Self-sufficient module in arid desert, with occupant about to go for a run

## MICRO-HOME COMPETITION





Render/Photomontage: Community concept of modules gathered around a point in an arid and desolate place

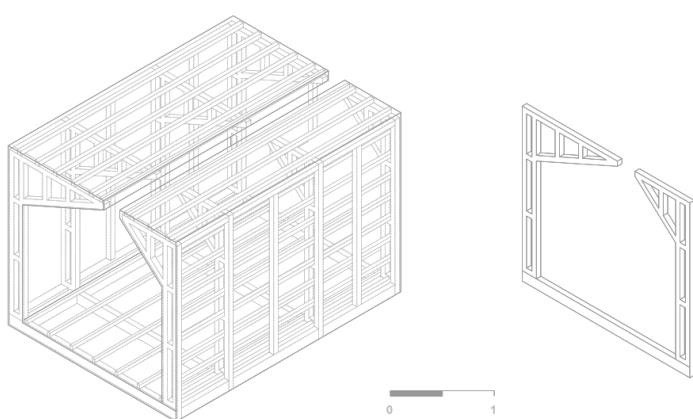


Floor Plan

Open Competition.

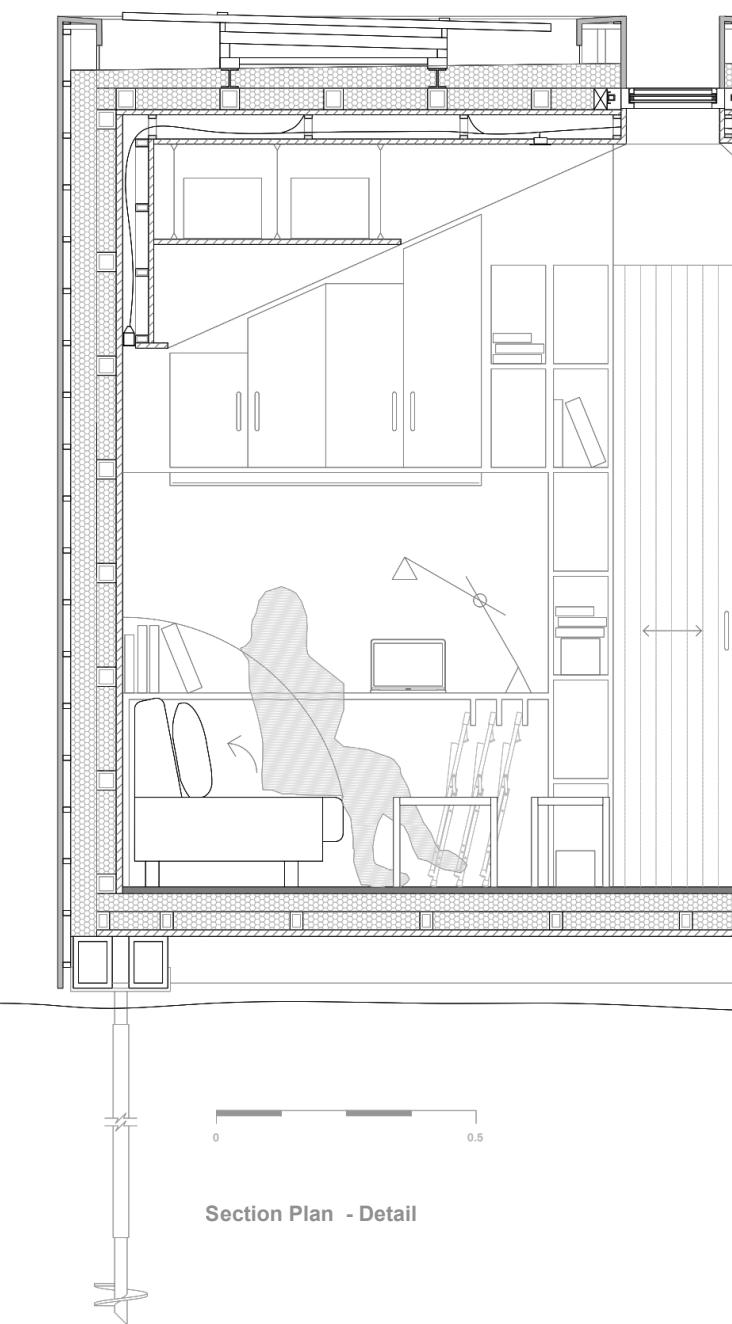
Main task was to develop a 25sqm modular home which could be placed in an arid place for an extended period of time, requiring it to practice self-sufficient systems which would allow the design to stay off-grid for that long.

In this case, the light structure is covered by slick ceramic panels. Energy is stored in batteries on the roof, right next to the solar panels. A rain-water collector allows it to extend its resources beyond what the integrated water tank may provide.

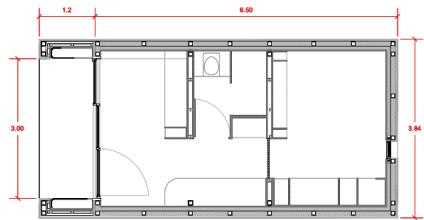


Axonometric - Empty Module

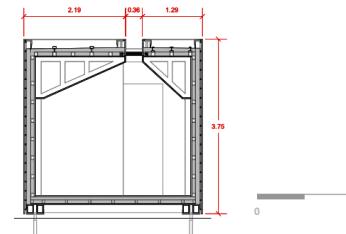
Frame Module



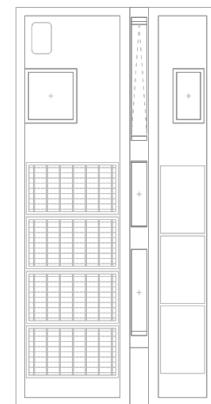
Section Plan - Detail



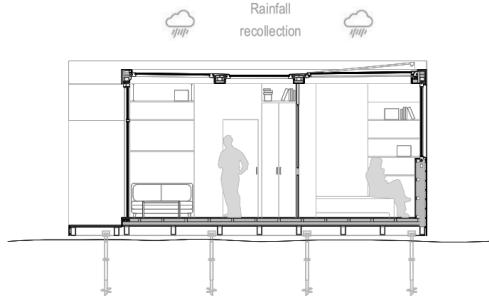
Empty Plan



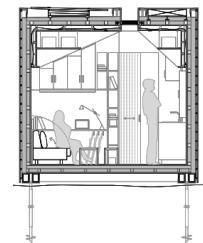
Empty Section



Ceiling Plan

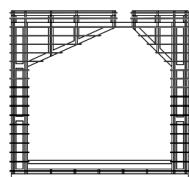


Empty Plan

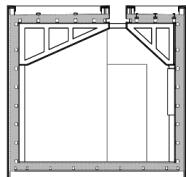


Empty Section

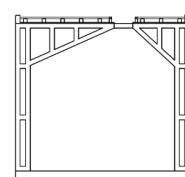
0 1



Facade Structure

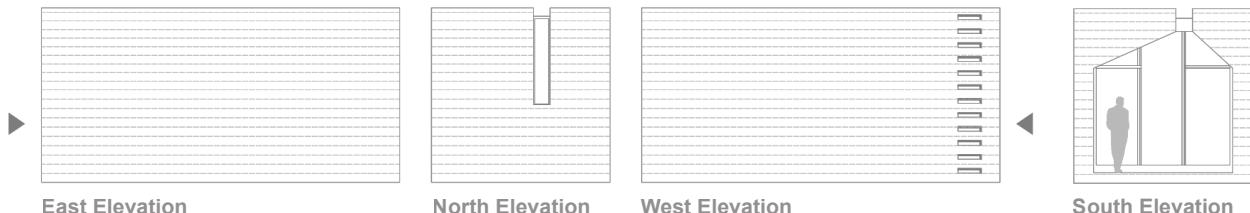


Construction Detail



Structure

0 1



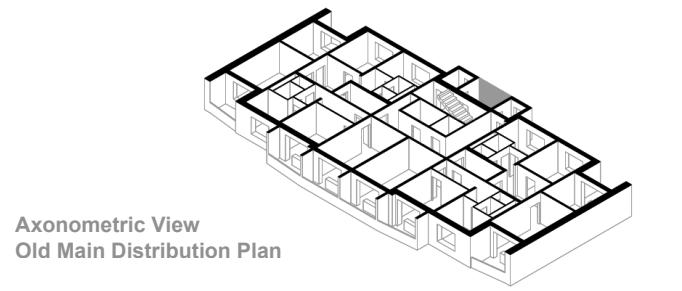
Render/Photomontage: Placement of module in an urban community, showcasing the versatility of the design



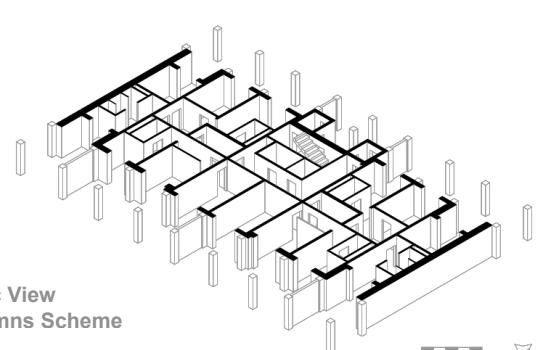
# KHARKOV COMPETITION



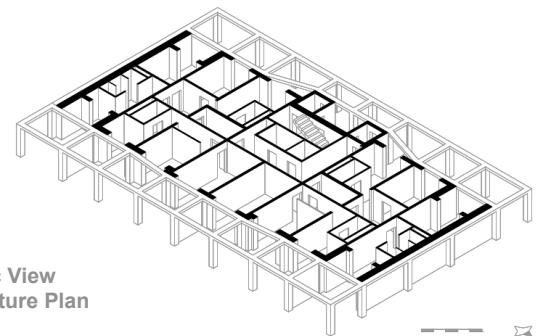
Aerial image: Residential tower overlooking the outskirts of Kharkov



Axonometric View  
Old Main Distribution Plan

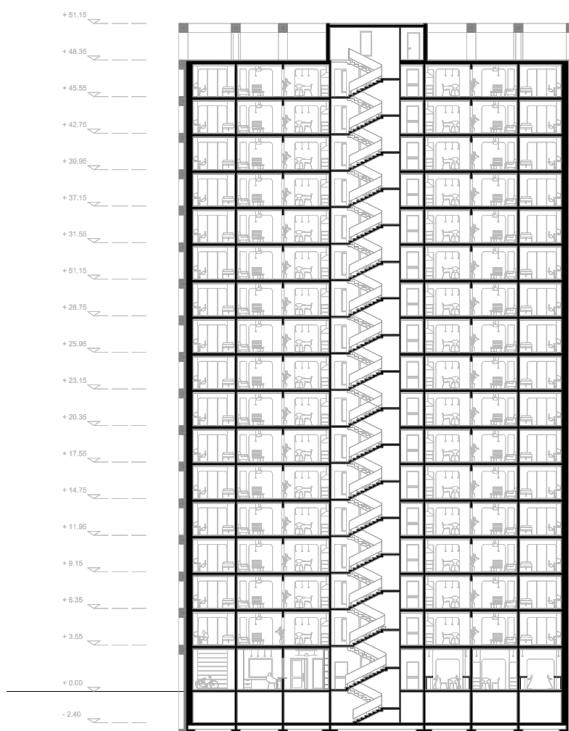


Axonometric View  
Added Columns Scheme



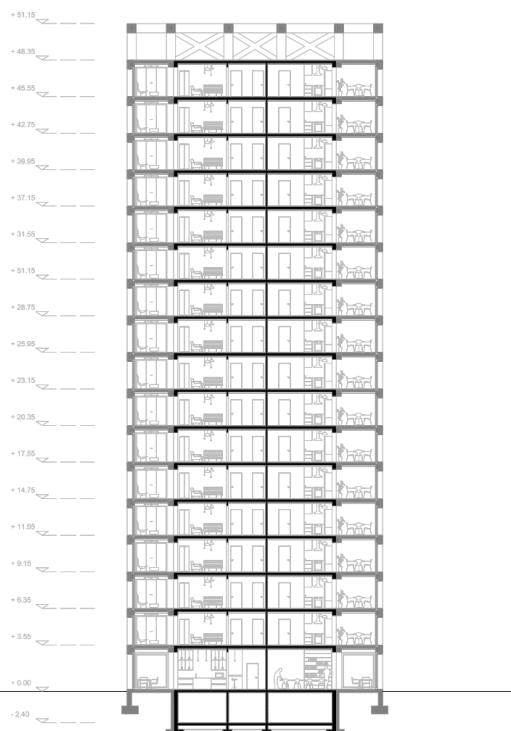
Axonometric View  
Added Structure Plan

■ Old Structure  
■ New CLT Structure



Section BB'

0 1 5

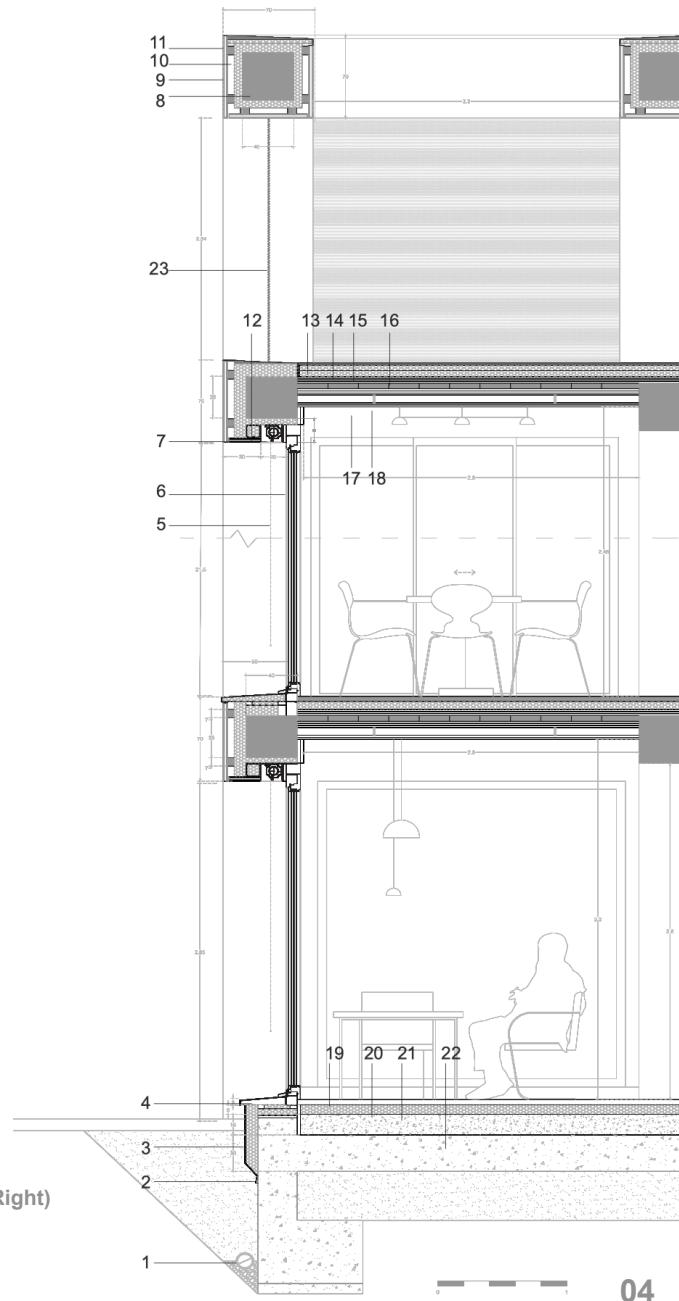


Section AA'

0 1 5

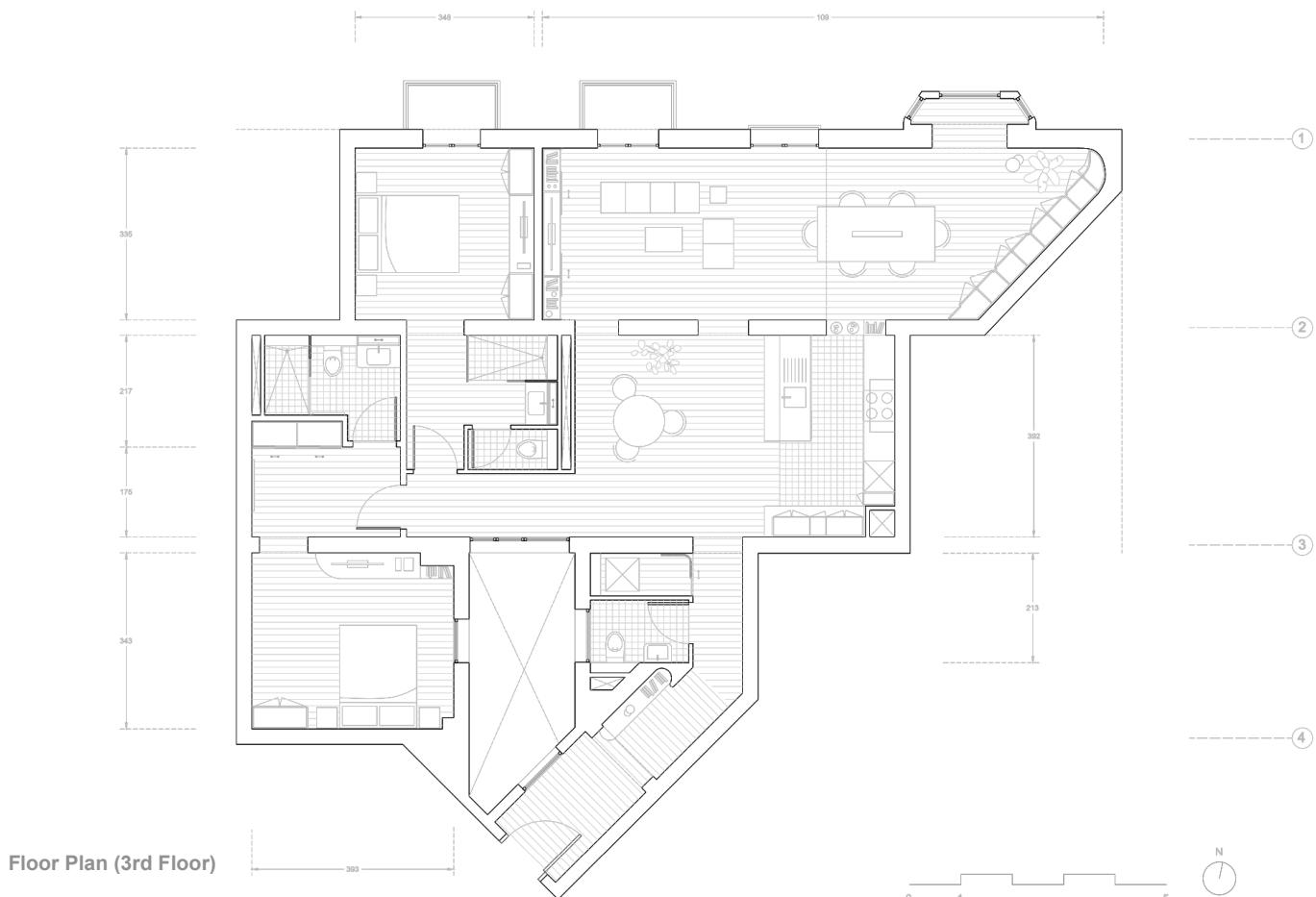


(Left) Urban Integration of Design    (Right) Interior Living Space View (13th Floor)

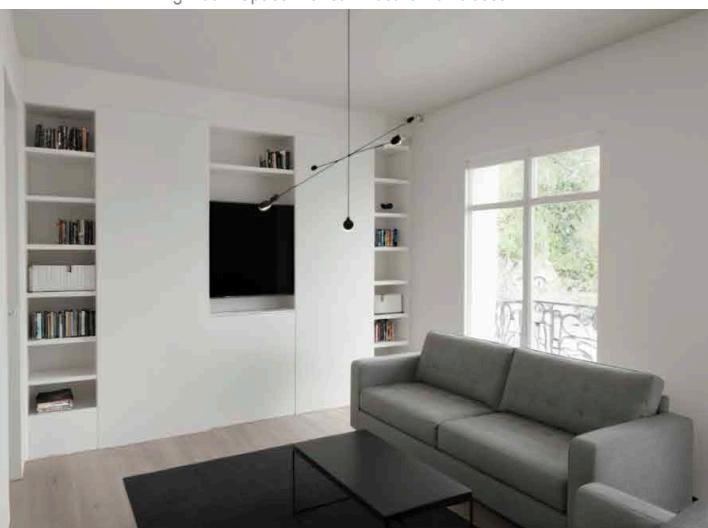


# AYALA 111 APARTMENT

## [UNREALIZED] PRIVATE PROJECT



Living Room Space with sur-mesure wall closet



Bedroom Space with sur-mesure wall closet





Open Kitchen and Dining Area



Living Space and Dining Area



Living Space and Dining Area with Balconies

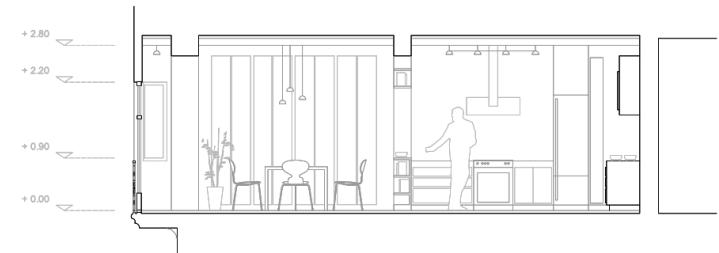
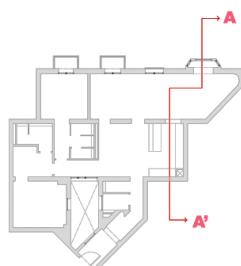


Open Kitchen and Dining Area in Connection with Living Room

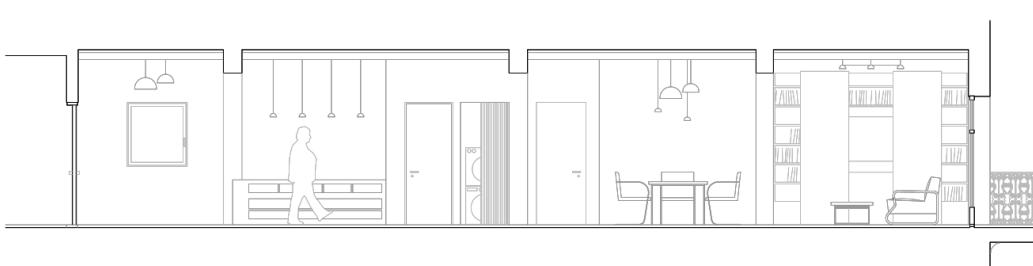
Proposition for a private request.

The client was very pleased with the outcome, however, a deal was not reached between both parties and I pursued other projects which were more in line with my expectations.

Here, the apartment refurbishment is designed from an empty plan in the heart of Madrid, in the neighborhood of Salamanca, few minutes away from *El Retiro*.



Section AA' - Kitchen & Living Room



Section BB' - Entrance to Balcony



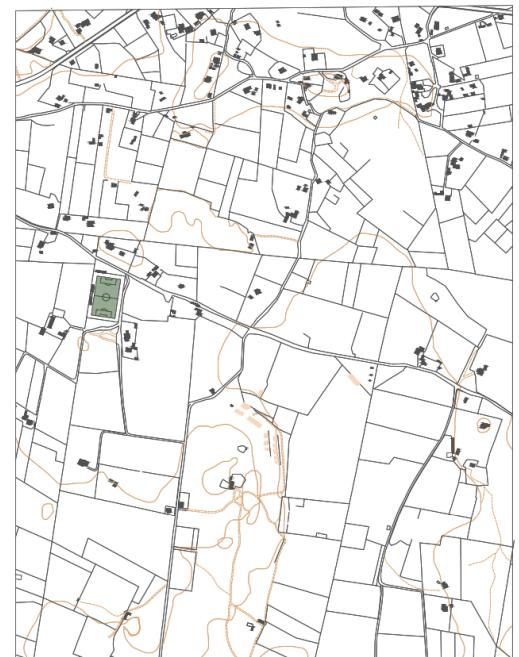
# HOTEL BOUTIQUE

## B.ARCH DESIGN STUDIO

Last project for my B.Arch. Design for an Hotel Boutique in the island of Formentera, Spain. The hotel complex is designed around the rising agricultural tourism in the island, where tourists can visit different plantations and even engage in procure or product tasting.



**Project Plan**



**Location Plan**

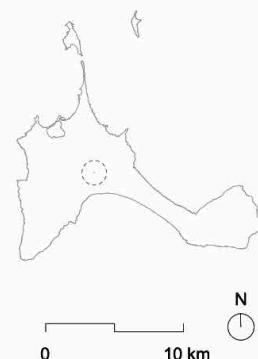


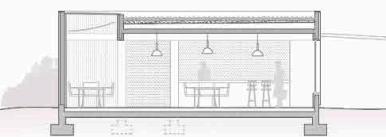
**Plot Plan**

A total of 10 rooms, 2 suites, and 8 small bedrooms are placed along the tree fronts within the site. The preexisting building is refurbished to house the lounge as well as the lobby.

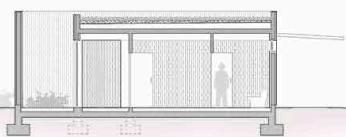
An underground spa and restaurant further enhance the Hotel, creating comfortable spaces where guests can rest after a long sunny day at the beach.

**Formentera Island**

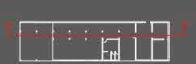
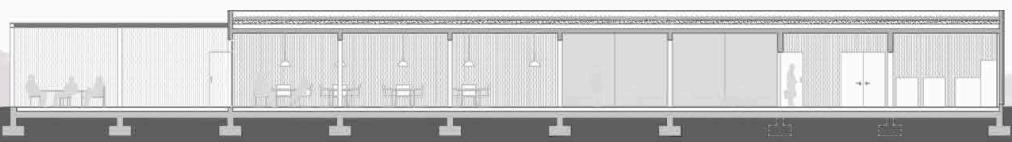
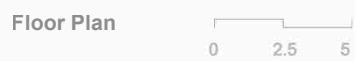
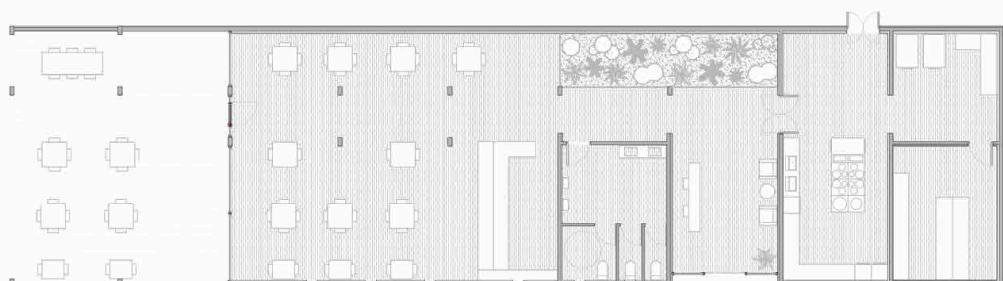




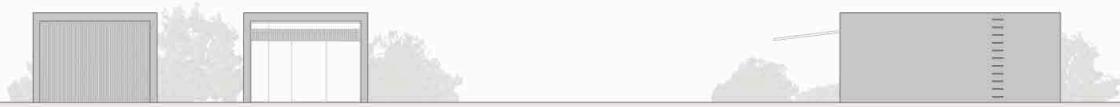
Section A



Section B



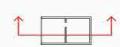
Section C



Small Rooms Elevation



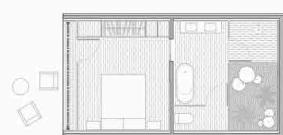
Suite Elevation



Small Rooms Section

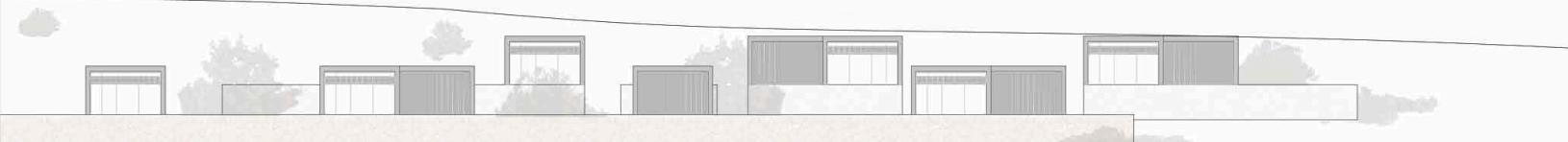


Suite Section



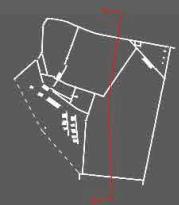
Small Rooms Floor Plan

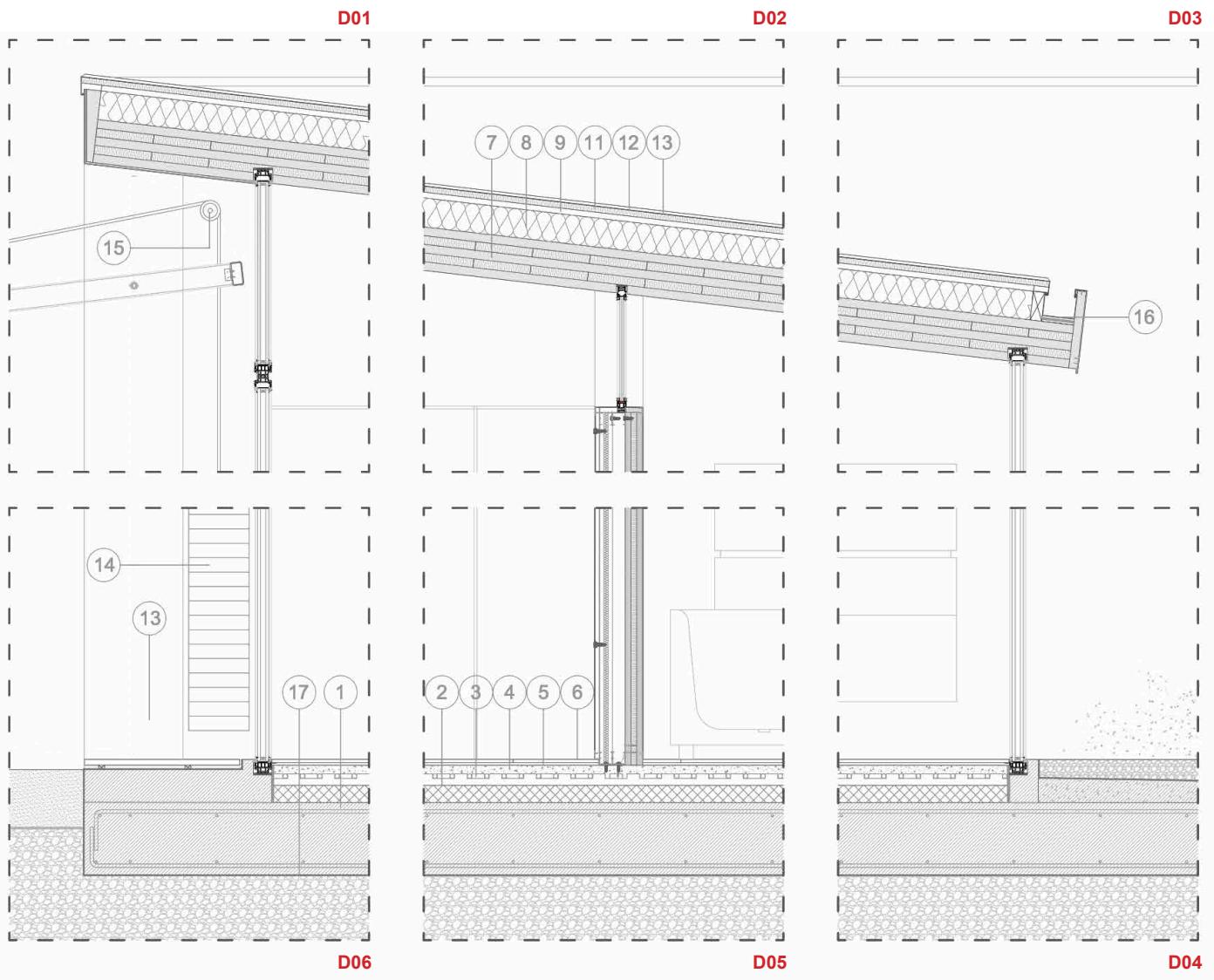
Suite Floor Plan



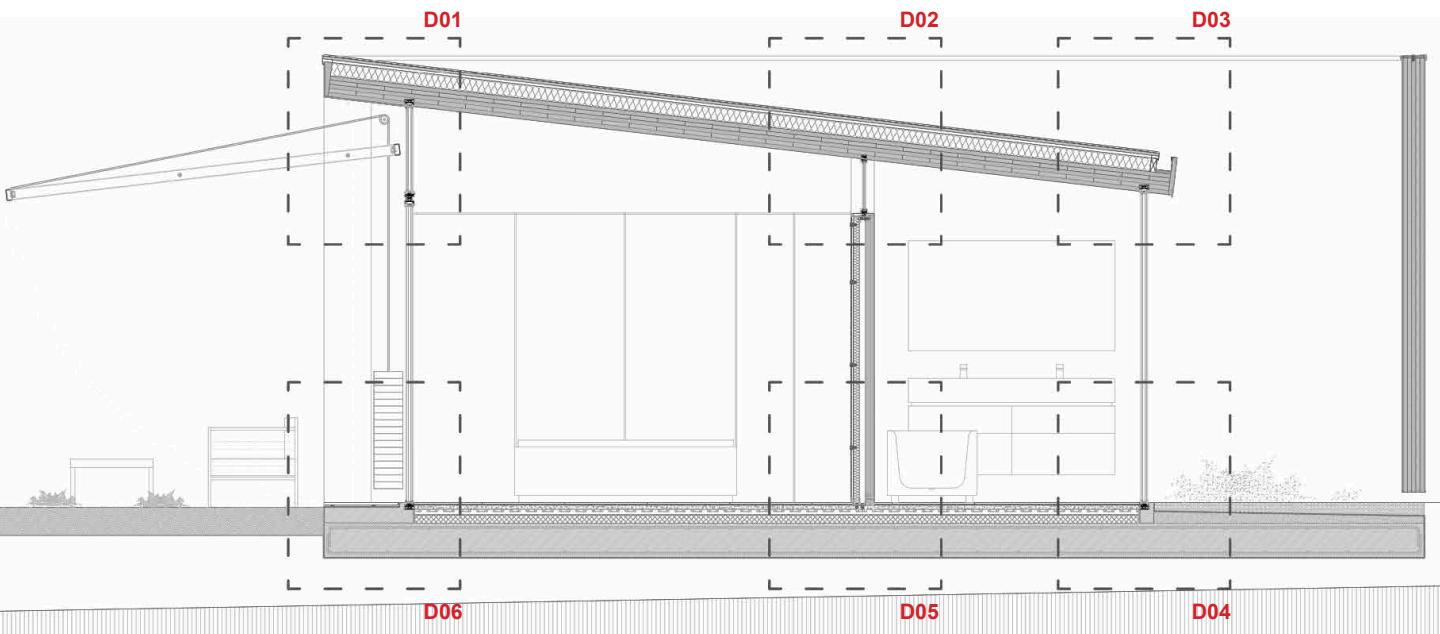
East Elevation

0 5





0 0.5



Room Section Details

0 0.5 1

