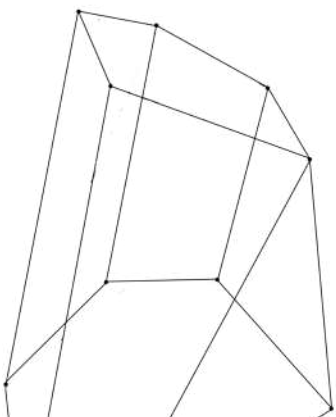
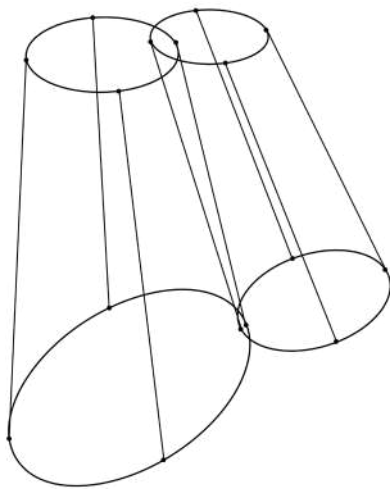
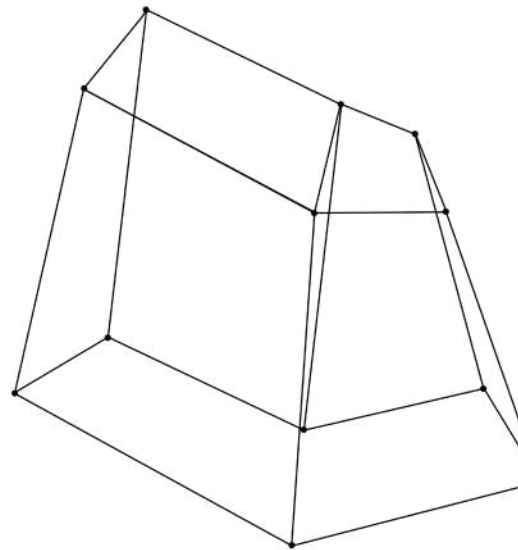
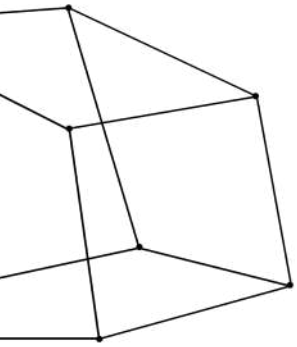
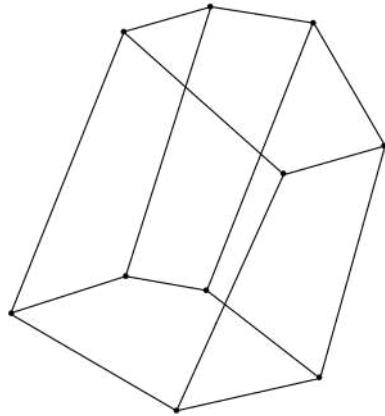
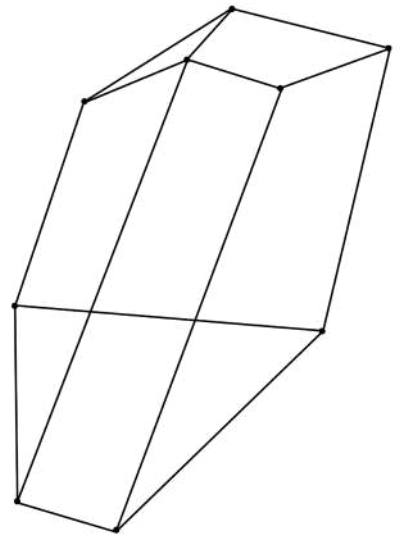
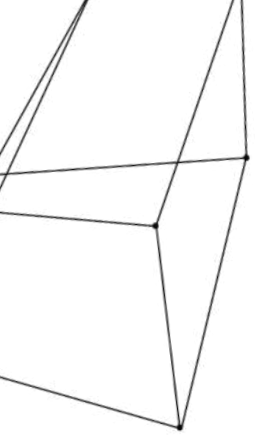


# Portfolio



Maryam Hanif



# Maryam Hanif

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## Education

MS. Advanced Architectural Design  
**GSAPP, Columbia University**

B.Arch  
**Beaconhouse National University**  
3.55 cgpa, Deans Honor List(7 Semesters),  
Outstanding Thesis Award for my thesis  
"Perceiving Space through the Threshold"

## Work Experience

opa architecture - Designer	Oh+A designworks - Architect	Shaksat Group - Architect
- Created design presentations with mood boards and produce visualizations from 3D models - Produced complete Interior Design drawing set, conduct site visits, coordinate with contractors, vendors and clients, designed mill-work.	- Working on designing residential and medium-scale commercial projects, along with interior design. - Created design presentations to present to clients and produce 3D visualizations. Completed two projects to construction phase.	- Working on designing residential and commercial projects, along with interior design. - 3D modelling and construction documents
Raees Faheem Associates - Intern Architect	Beaconhouse National University - Graphic Designer (Freelance)	
- Created 2D drawings and 3D models, renderings and animations	- Designed the thesis catalogue 2021 for Razia Hassan School of Architecture to be published online and printed	

## Research Experience

Graduate Research Assistant - MS.AAD  
Columbia University GSAPP

## Academic Experience

Natural Materials Exhibition GSAPP, Columbia University	Lari's Zero Carbon Structures Workshop - Heritage Foundation - Islamabad, Pakistan	Language and Culture Program at Millersville University, Pennsylvania, US
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## Software Skills

AutoCAD  
Sketchup  
Lumion  
Vray  
Photoshop  
Illustrator  
InDesign

## Skills

Attention to detail  
Architectural Drawings  
3D Modelling and Visualization  
Site Analysis and Research  
Construction Documentation

## Languages

Urdu  
English

<b>NYCDMX: Migration, Adaptation and Local Transgressions</b>	<b>01</b>
<b>Himmel Hotel (Chalets)</b>	<b>02</b>
<b>Nishat Linen (Retail Design)</b>	<b>03</b>
<b>Mohsin Hamid's Residence</b>	<b>04</b>
<b>160 Imlay Street, Brooklyn</b>	<b>05</b>
<b>Perceiving Space Through the Threshold</b>	<b>06</b>
<b>House For All: Social Housing</b>	<b>07</b>
<b>Learning Around The Playground: Primary School</b>	<b>08</b>
<b>Design with Healthy Materials: Common Reed</b>	<b>09</b>
<b>HKB Facade Design</b>	<b>10</b>
<b>Layered Urbanism: Empowering Rio's Plate and People (Adaptive Reuse)</b>	<b>11</b>

# 01

## NYCDMX: Migration, Adaptation and Local Transgressions

Critics: Rozana Montiel and Thomas De Monchaux

2023

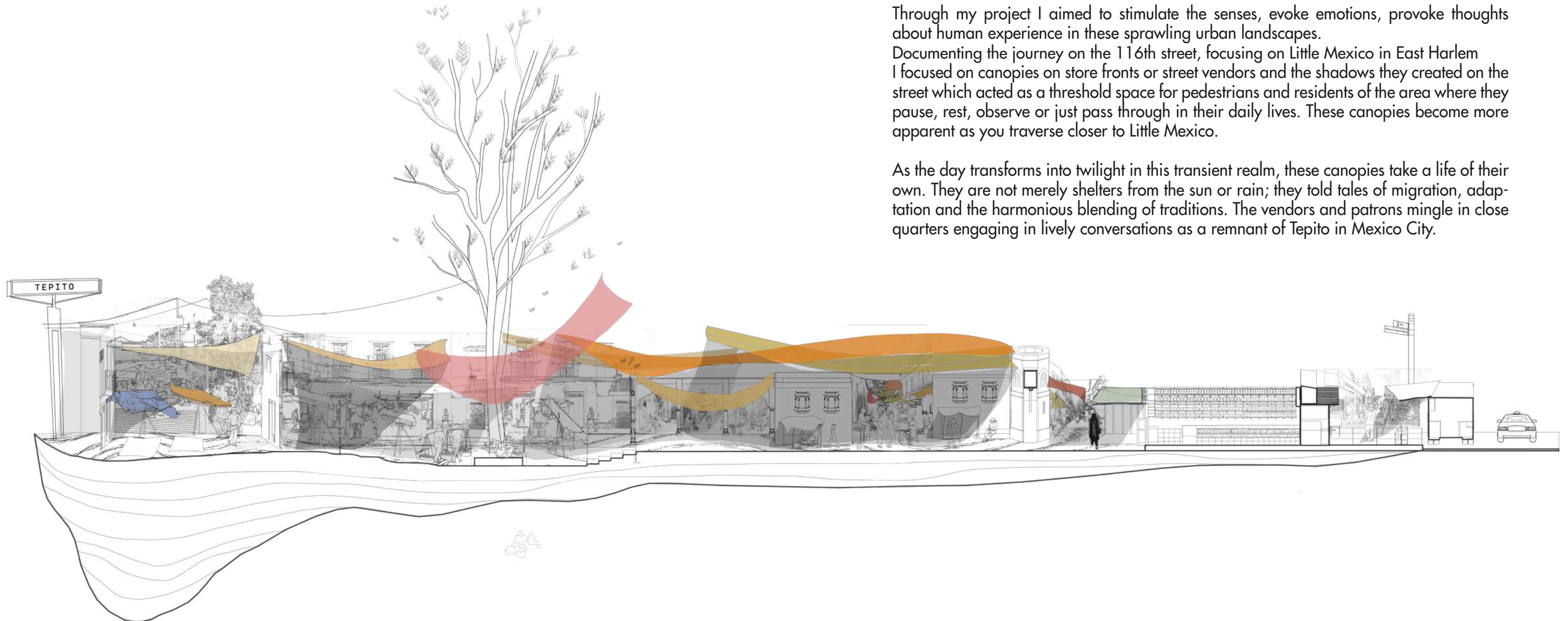
**NYCDMX**, a state of mind that emerges when we consider NYC and CDMX in conceptual adjacency and immediacy, imagining racial continuities and communities and common unities, between two cities.

Examining the lively storefronts of Mexican businesses on 116th street as conceptual portals to corresponding geographies in Mexico City we experienced a transformative journey, mapping the movements and trying to bridge the gaps between the two cities by occupying deep thresholds and habitable boundaries. Delving into our own imaginations to create “backstory” interventions, envisioning conceptual and critical conditions projected back into the chosen sites in Mexico City that correlate with selected storefront in New York City.

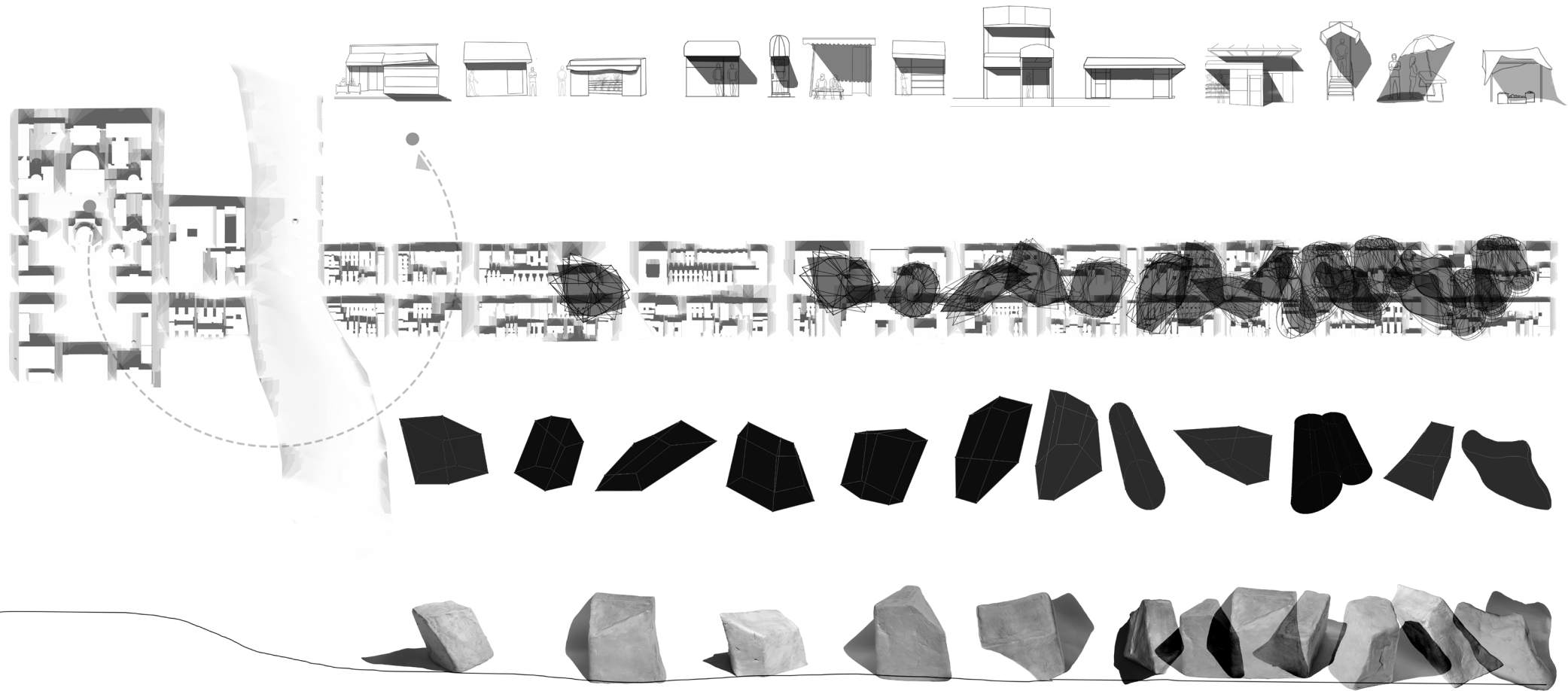
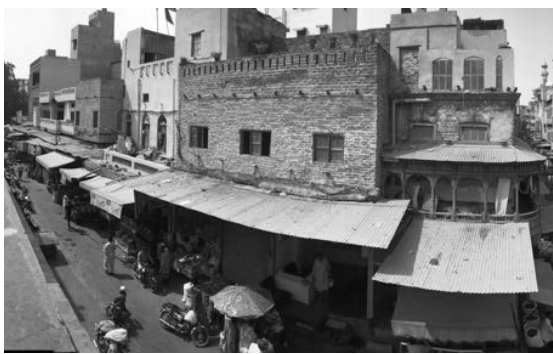
Through my project I aimed to stimulate the senses, evoke emotions, provoke thoughts about human experience in these sprawling urban landscapes.

Documenting the journey on the 116th street, focusing on Little Mexico in East Harlem I focused on canopies on store fronts or street vendors and the shadows they created on the street which acted as a threshold space for pedestrians and residents of the area where they pause, rest, observe or just pass through in their daily lives. These canopies become more apparent as you traverse closer to Little Mexico.

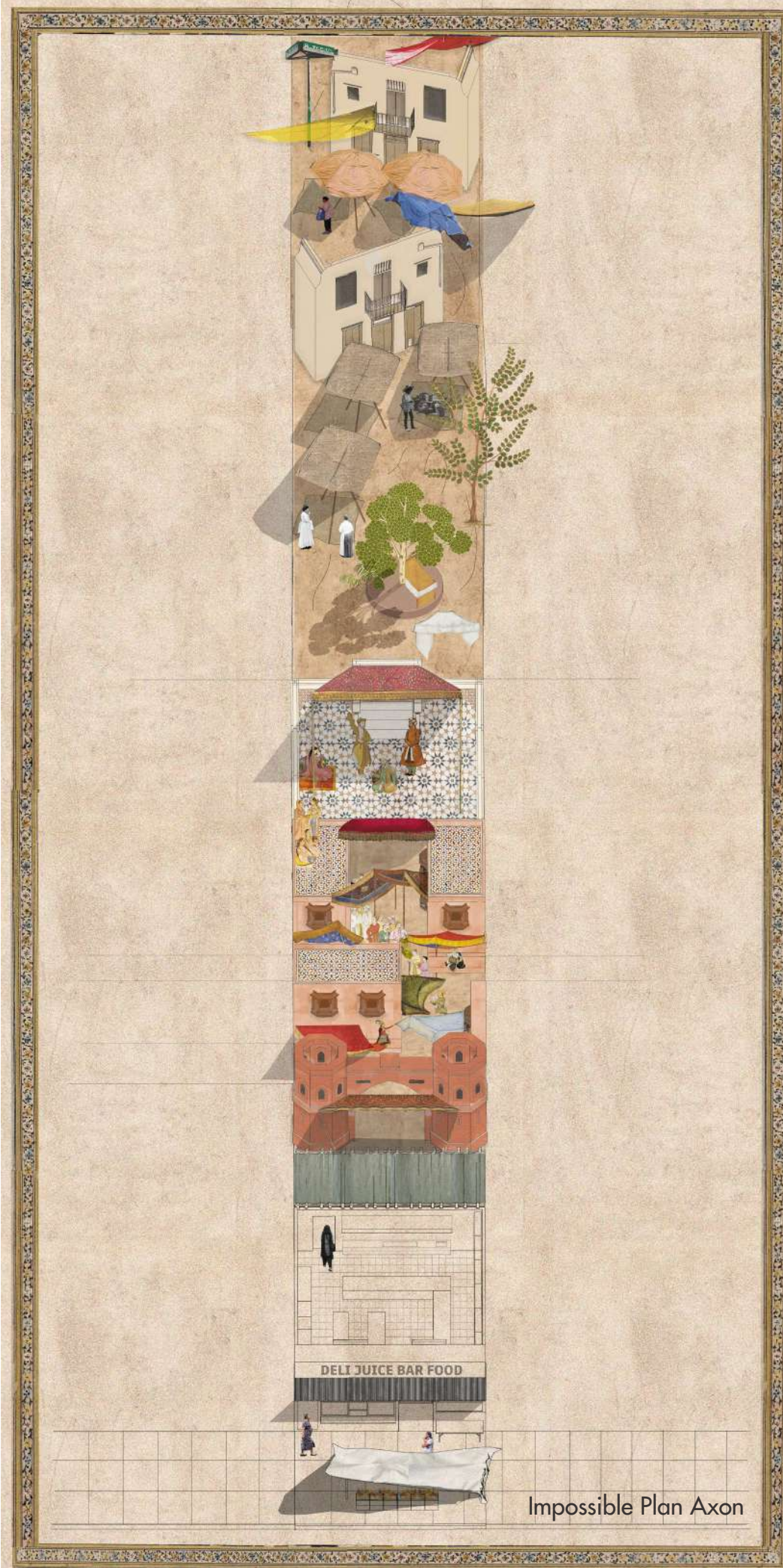
As the day transforms into twilight in this transient realm, these canopies take a life of their own. They are not merely shelters from the sun or rain; they told tales of migration, adaptation and the harmonious blending of traditions. The vendors and patrons mingle in close quarters engaging in lively conversations as a remnant of Tepito in Mexico City.





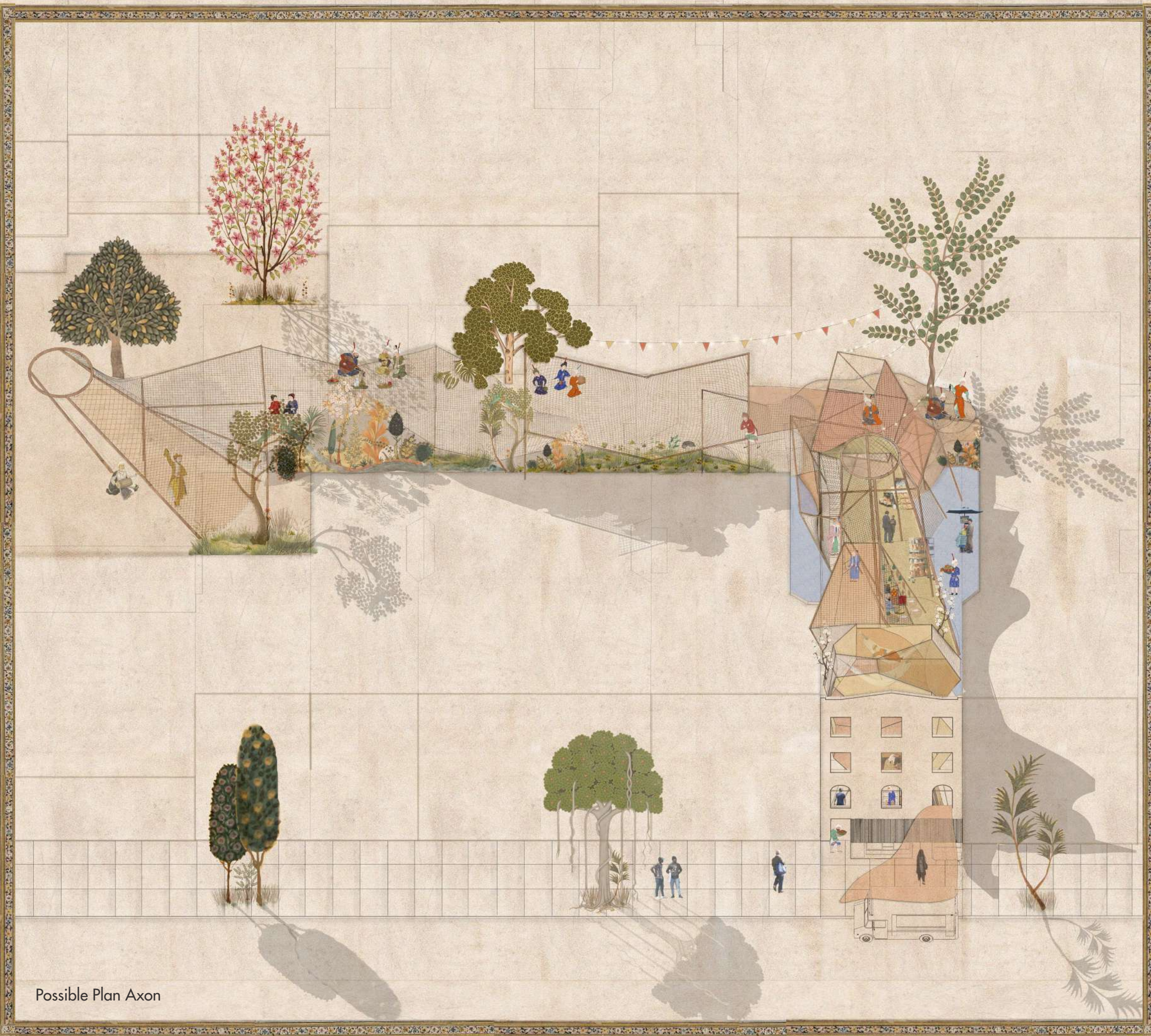


LITTLE MEXICO, NYC  
 40.7957° N, 73.9389° W  
 3.00 pm, 15 September, 2023



Impossible Plan Axon

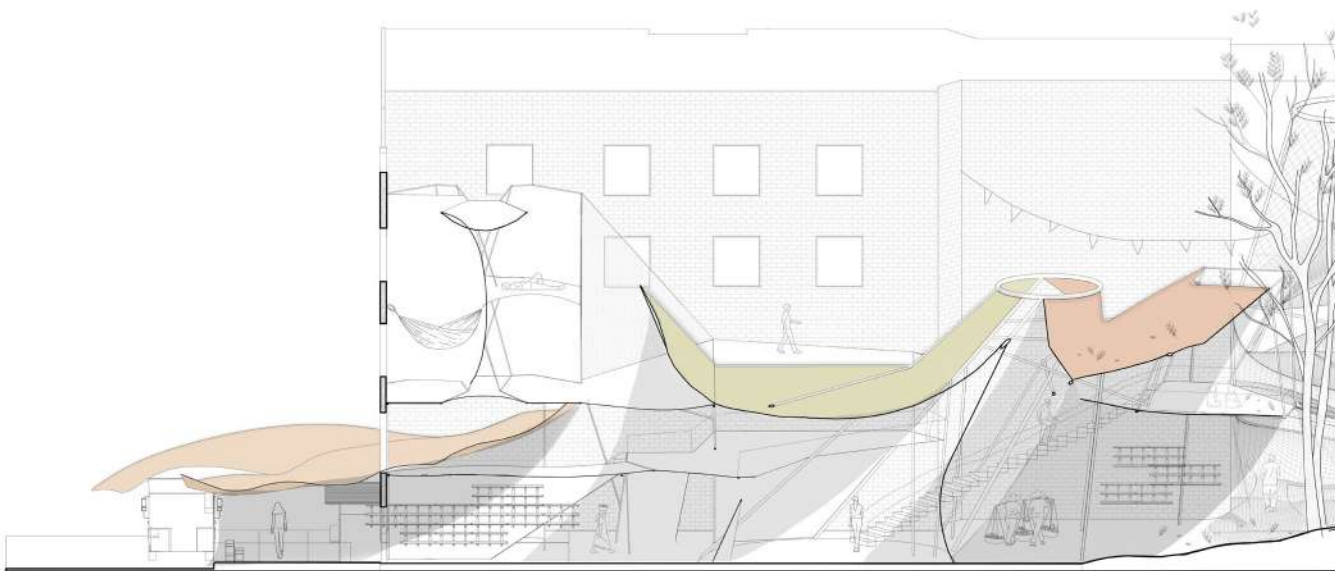




Possible Plan Axon



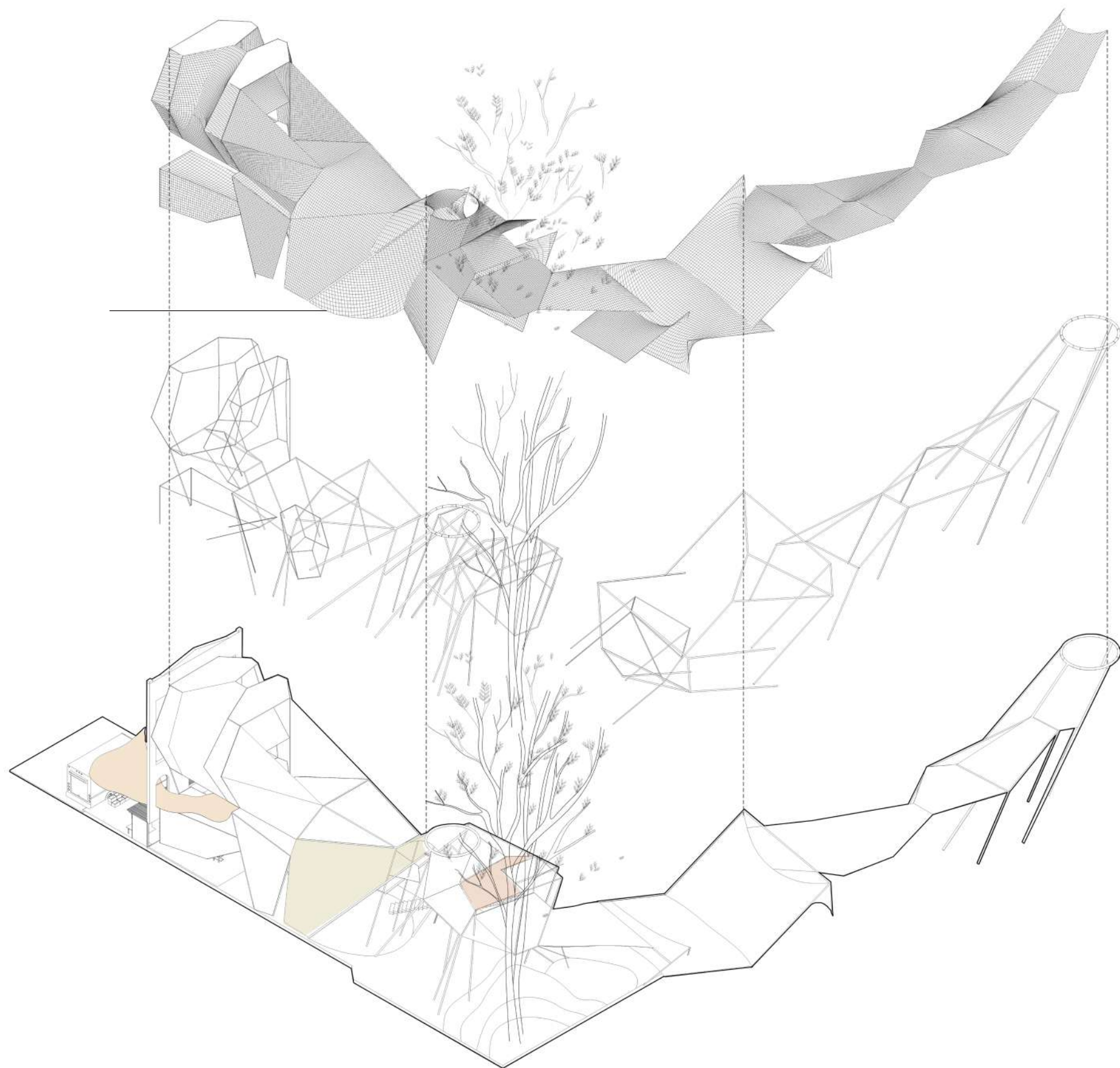
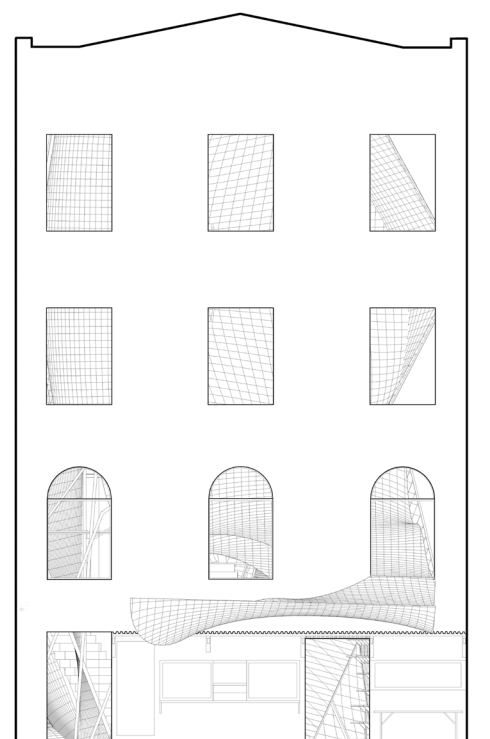




Perspective Section



Store Front





# 02

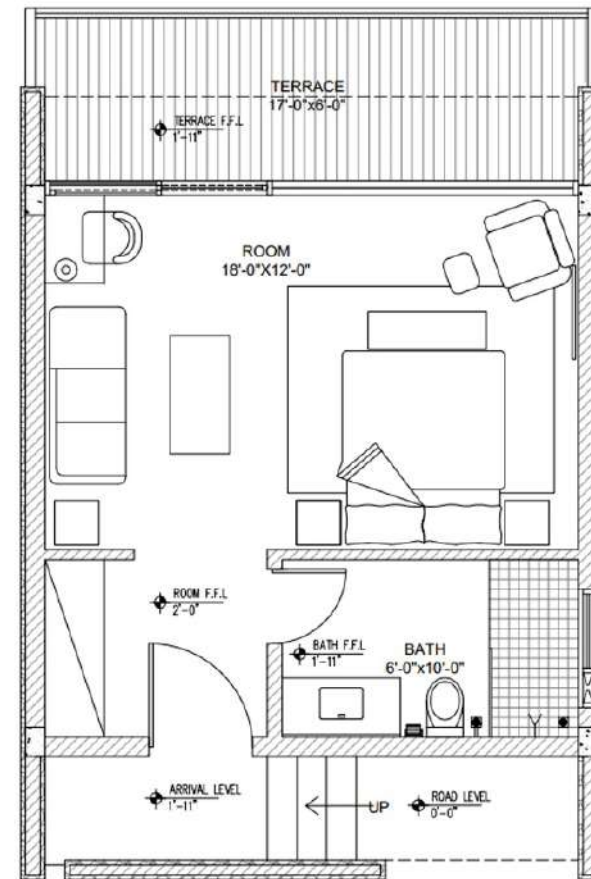
## Himmel Hotel (Chalets)

Oh+A Designworks

2023 (Complete)

Luxurious chalets nestled in the breathtaking mountains of Skardu, offering a harmonious blend of rustic charm and modern comfort. The chalet will serve as a retreat for individuals seeking an escape into nature, providing a serene and inviting atmosphere.

We utilized large windows and terraces to create a connection between the interior and the picturesque landscape. Emphasizing the use of locally sourced materials to enhance the chalet's authenticity.



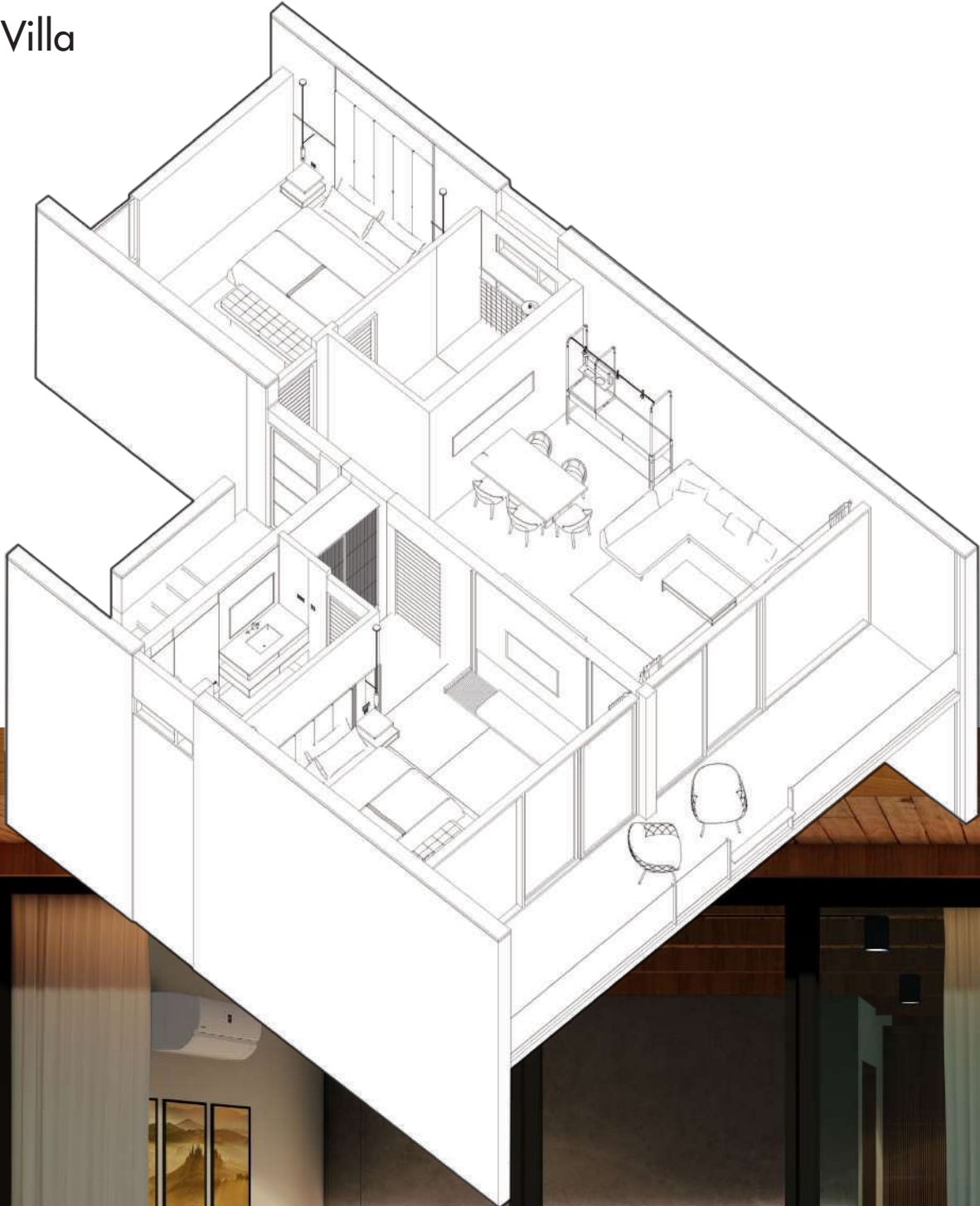


One Bed Villa





Two Bed Villa





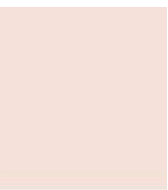
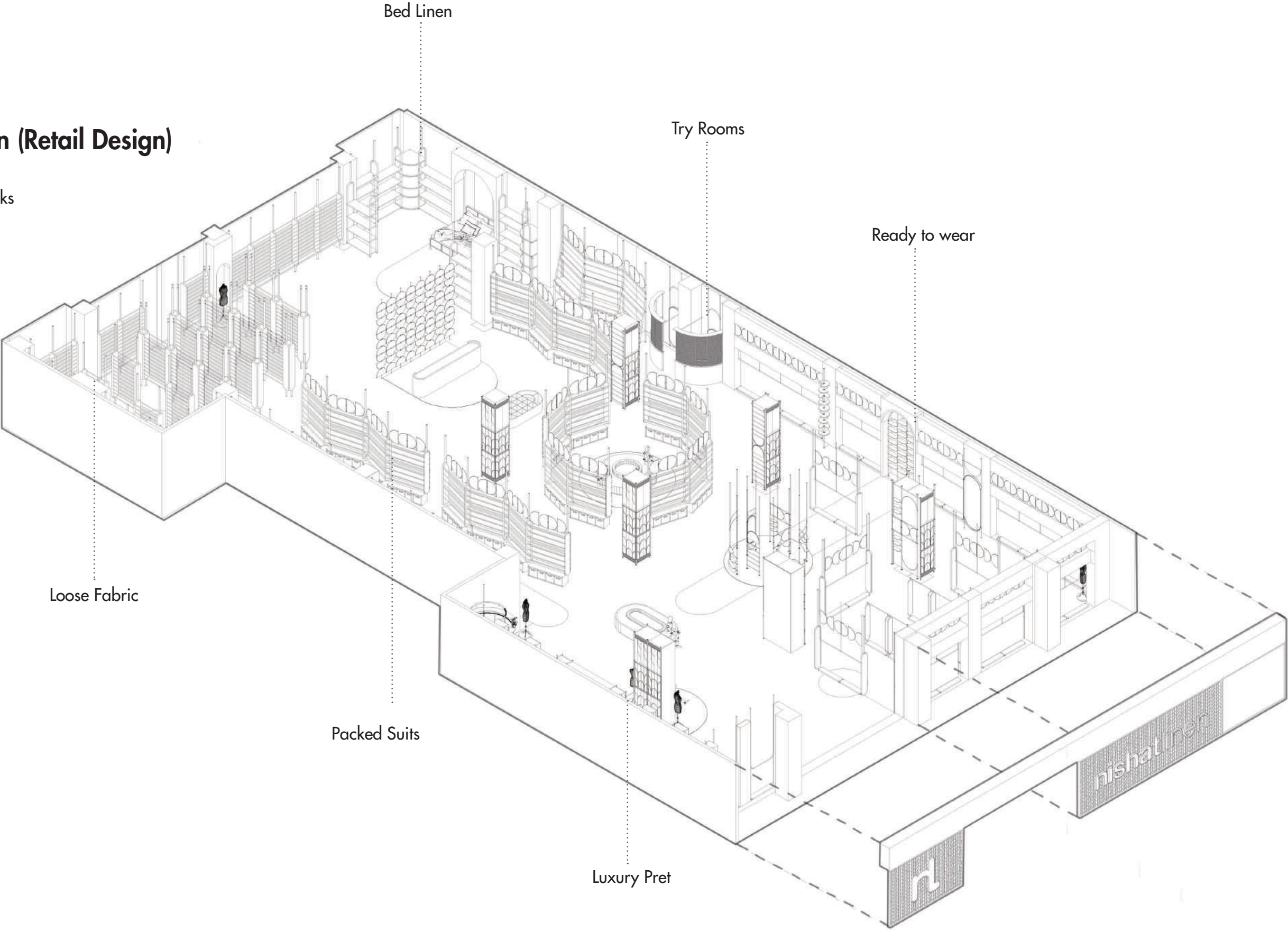




Nishat Linen (Retail Design)

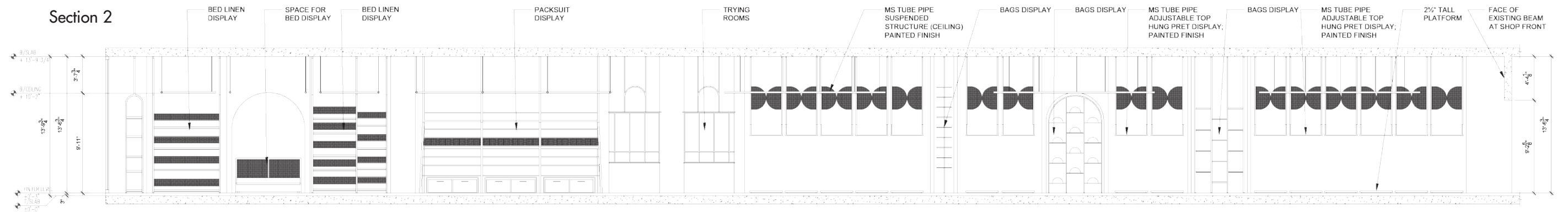
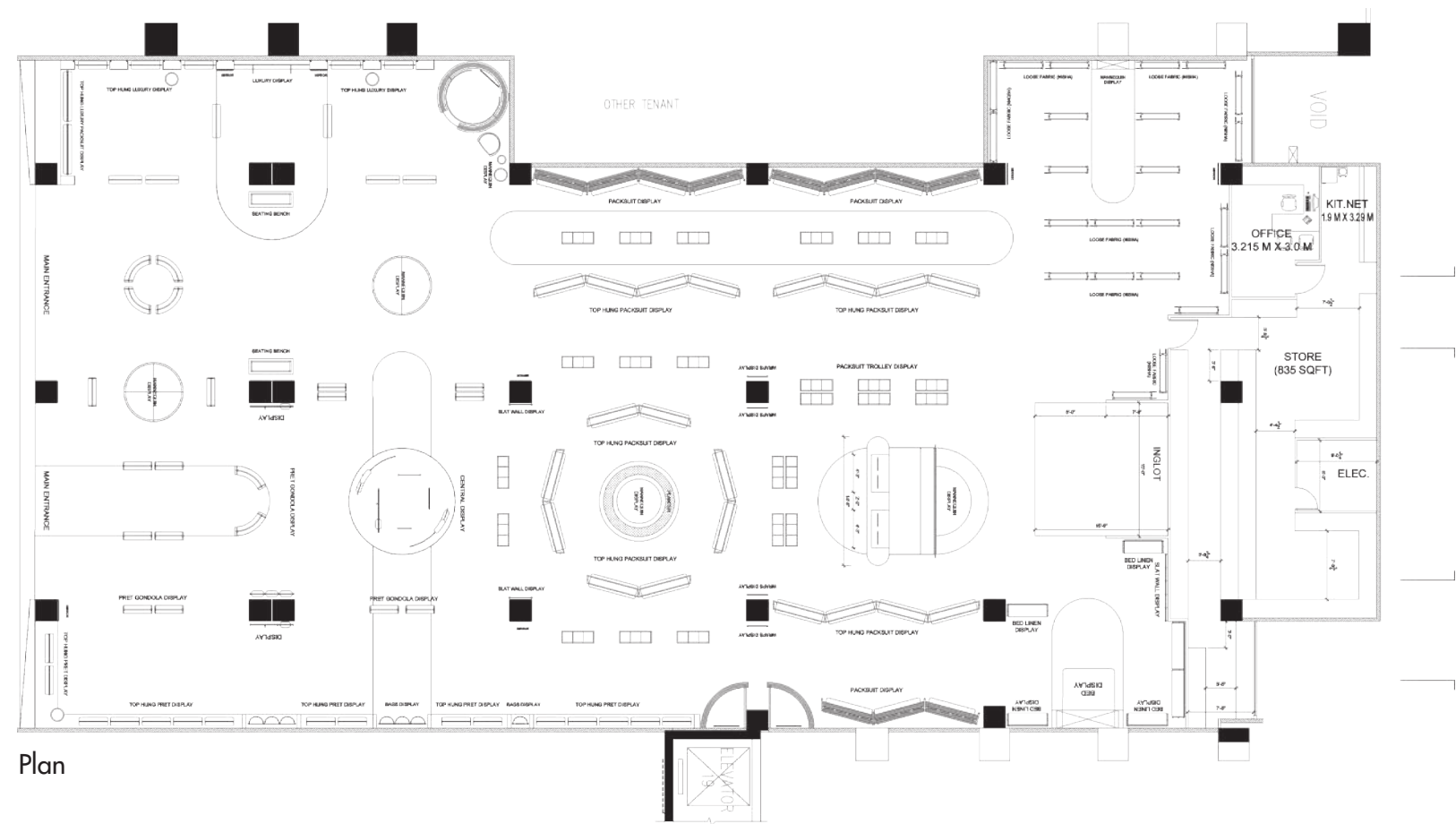
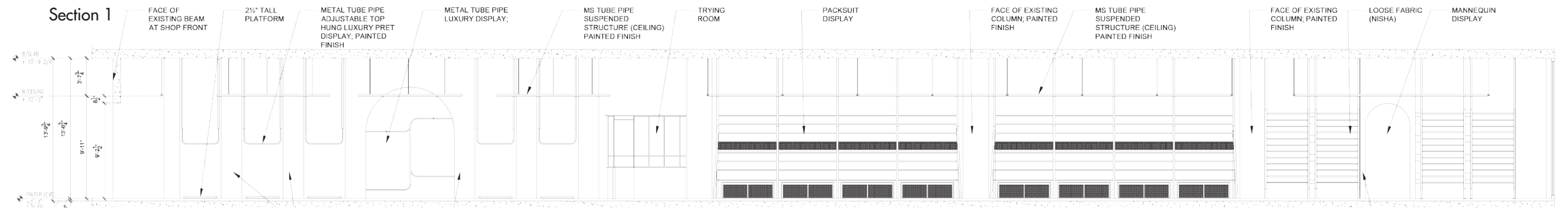
Oh+A Designworks

2023 (Complete)

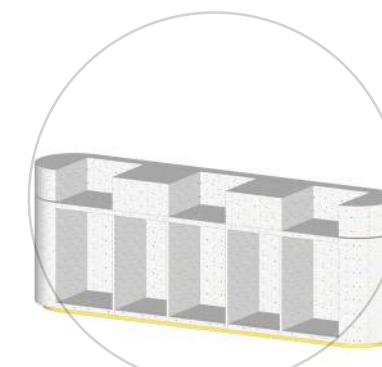
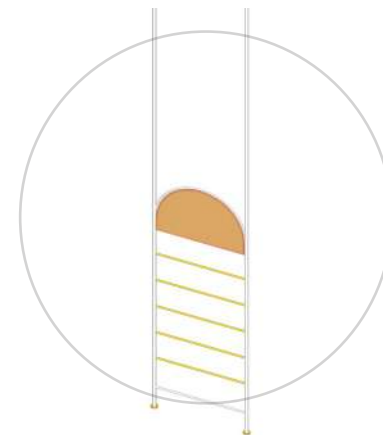
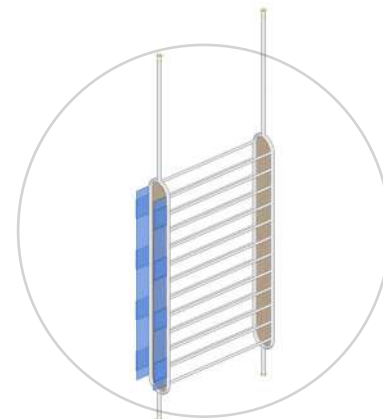
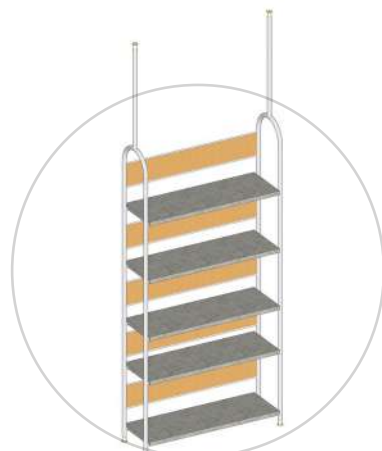
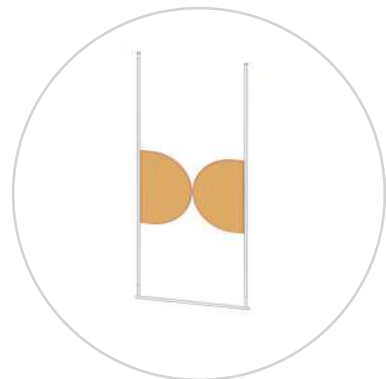
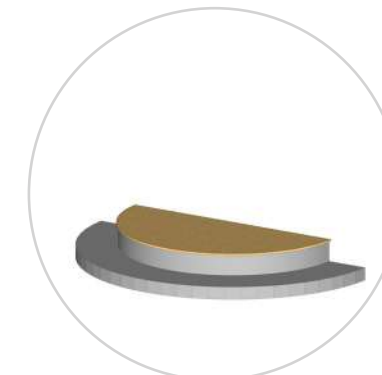
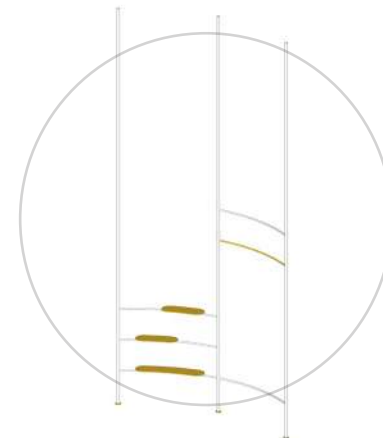
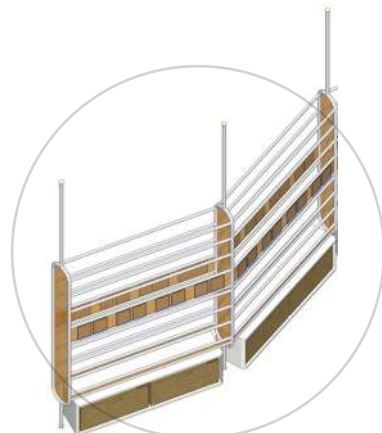
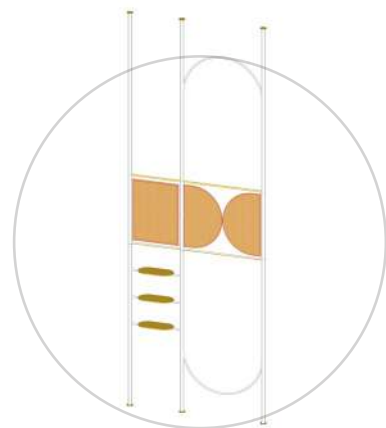
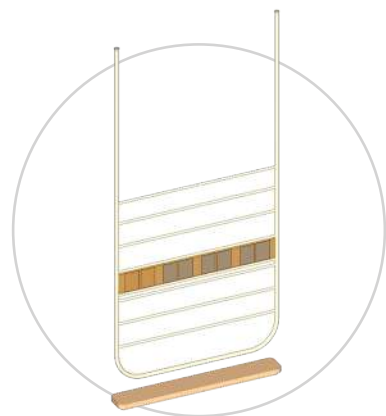
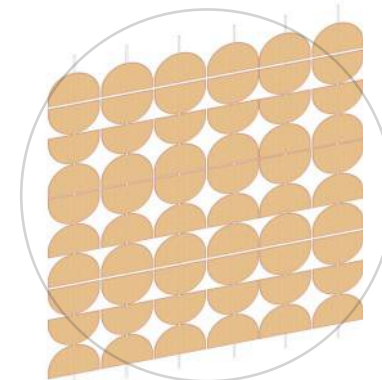
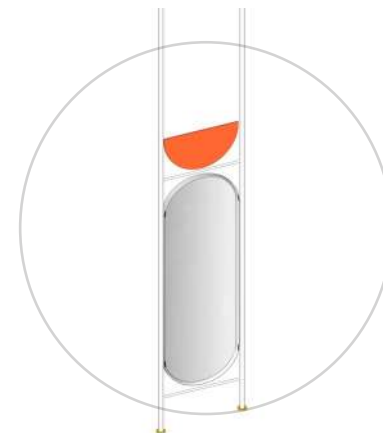
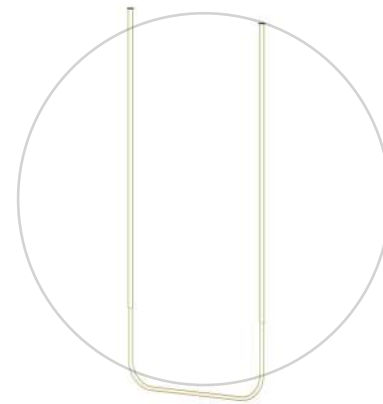
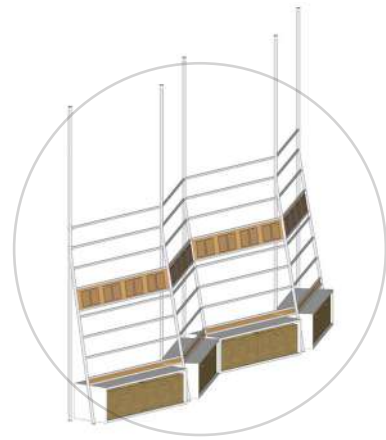
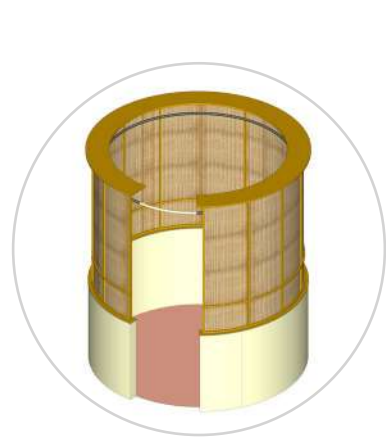


PANTONE  
5035 C











[illegible][illegible]

# Loose Fabric Display

Technical drawing of a 24-inch tall metal tube pipe with a 1/2-inch lower gauge. The drawing shows a cross-section of the pipe with dimensions: 24" total height, 1/2" lower gauge, 1/2" metal pipe, and 1/2" metal pipe. The drawing also shows the pipe bolted at the existing concrete slab and the pipe fixed with lower gauge metal tube. The drawing includes labels for the existing concrete slab, the face of the 24-inch tall metal tube, the 1/2-inch lower gauge pipe, the 1/2-inch metal pipe, and the 1/2-inch metal pipe fixed with lower gauge metal tube. The drawing also shows the pipe bolted at the existing concrete slab and the pipe fixed with lower gauge metal tube. The drawing includes labels for the existing concrete slab, the face of the 24-inch tall metal tube, the 1/2-inch lower gauge pipe, the 1/2-inch metal pipe, and the 1/2-inch metal pipe fixed with lower gauge metal tube.





# 04

## Mohsin Hamid's Residence

Oh+A Designworks

2023

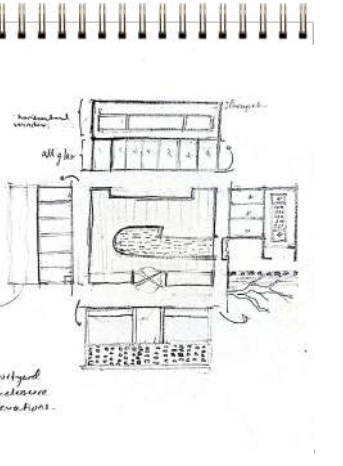
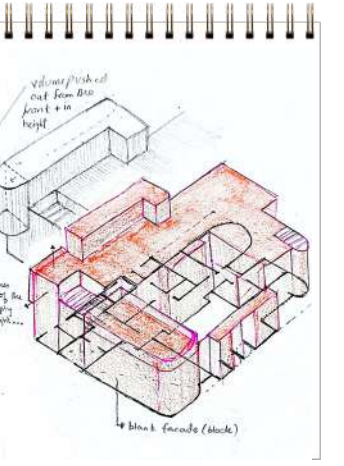
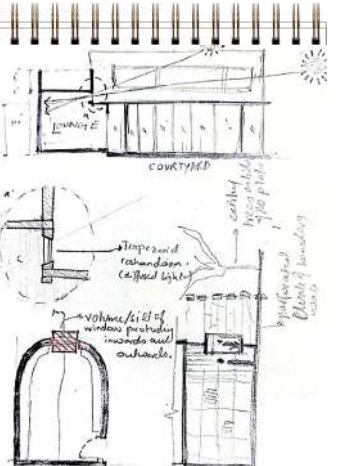
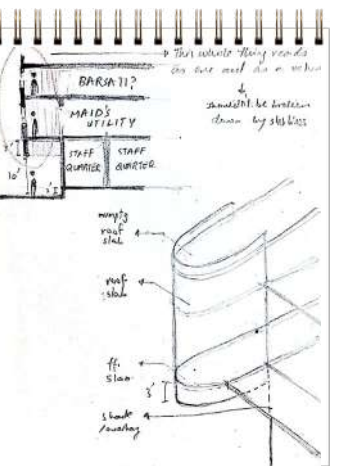
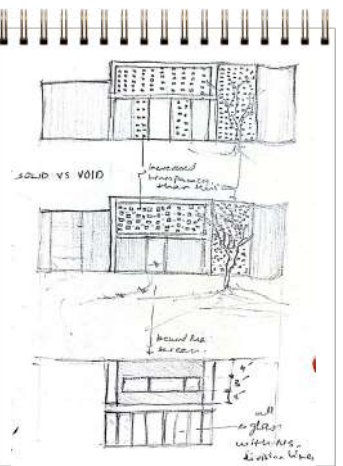
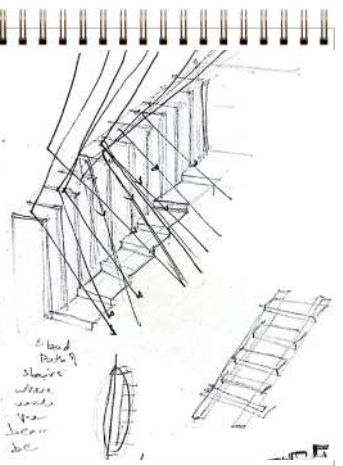
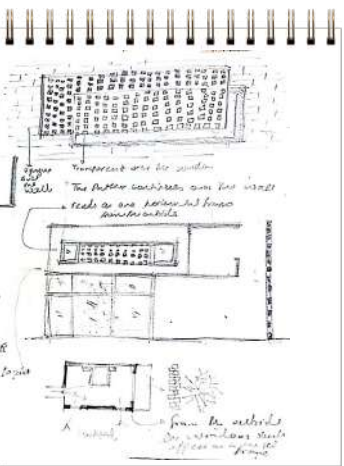
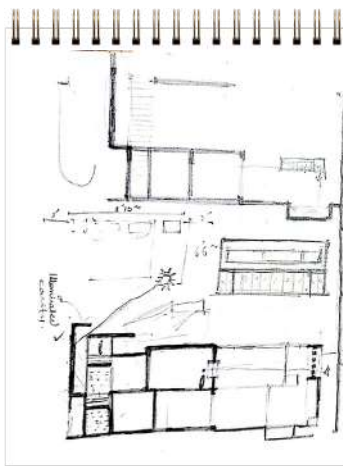


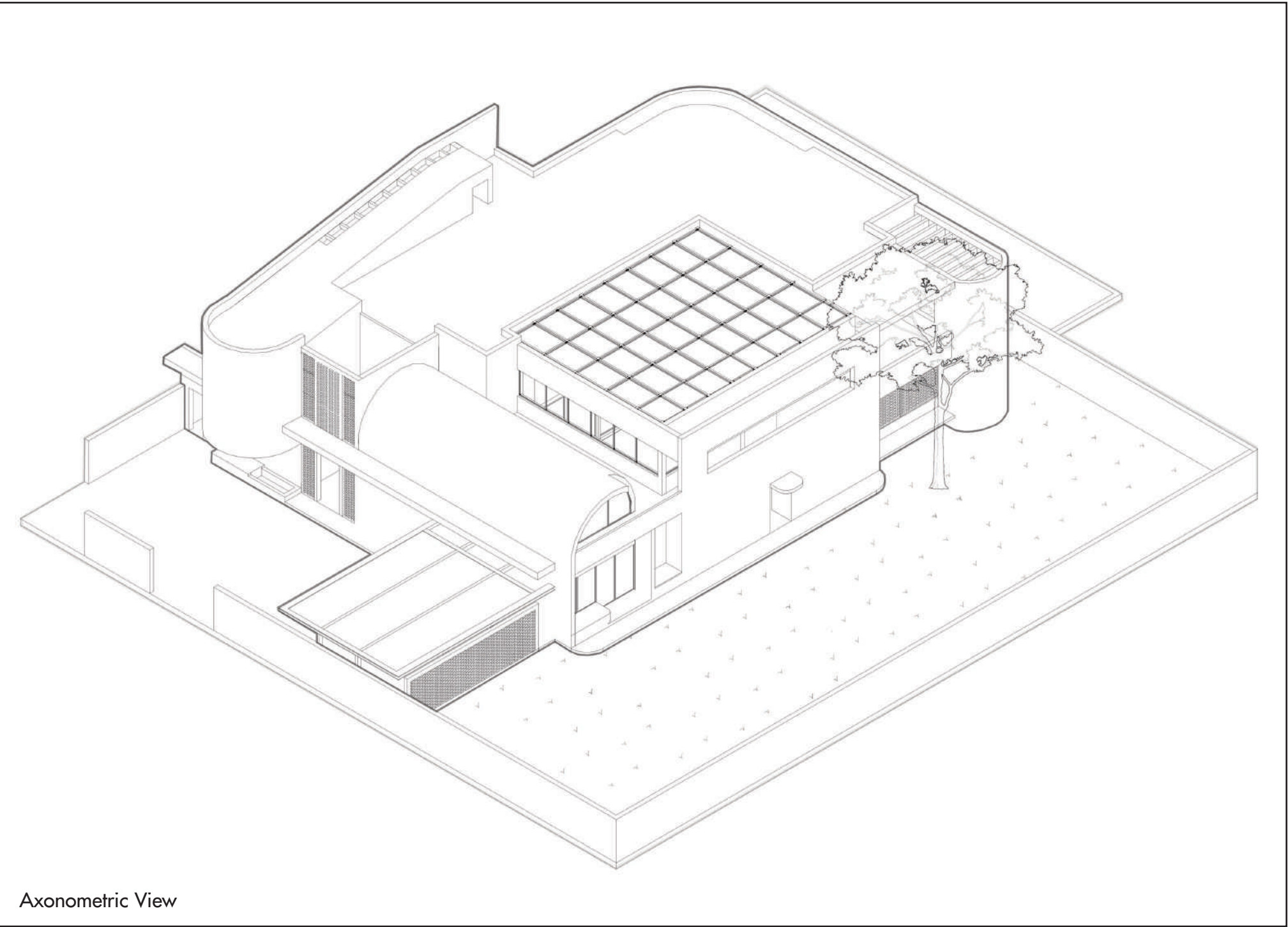
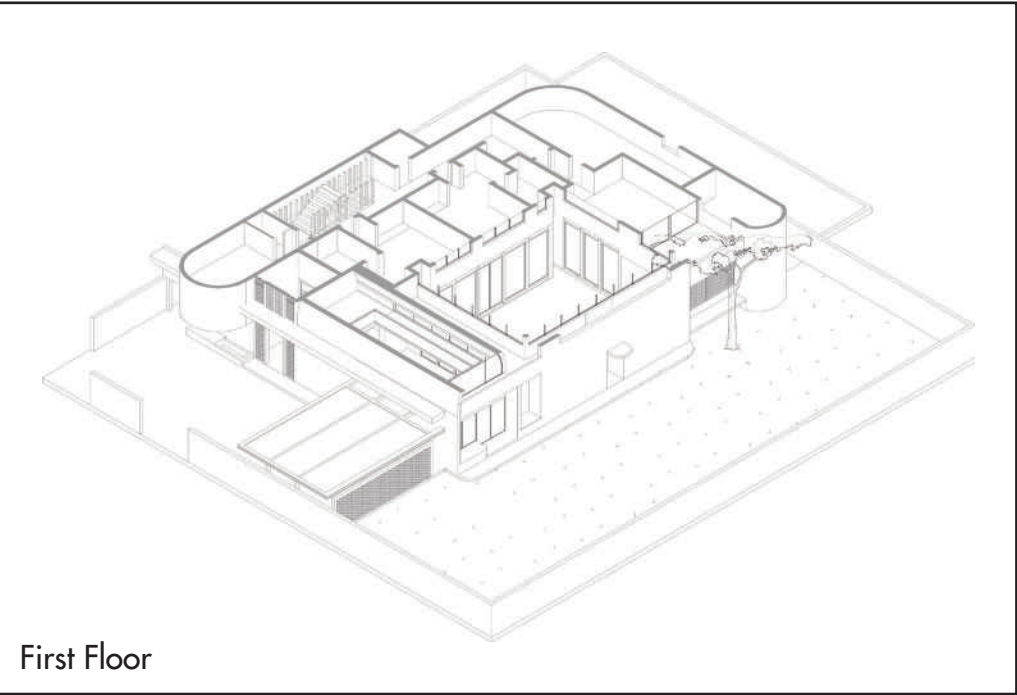
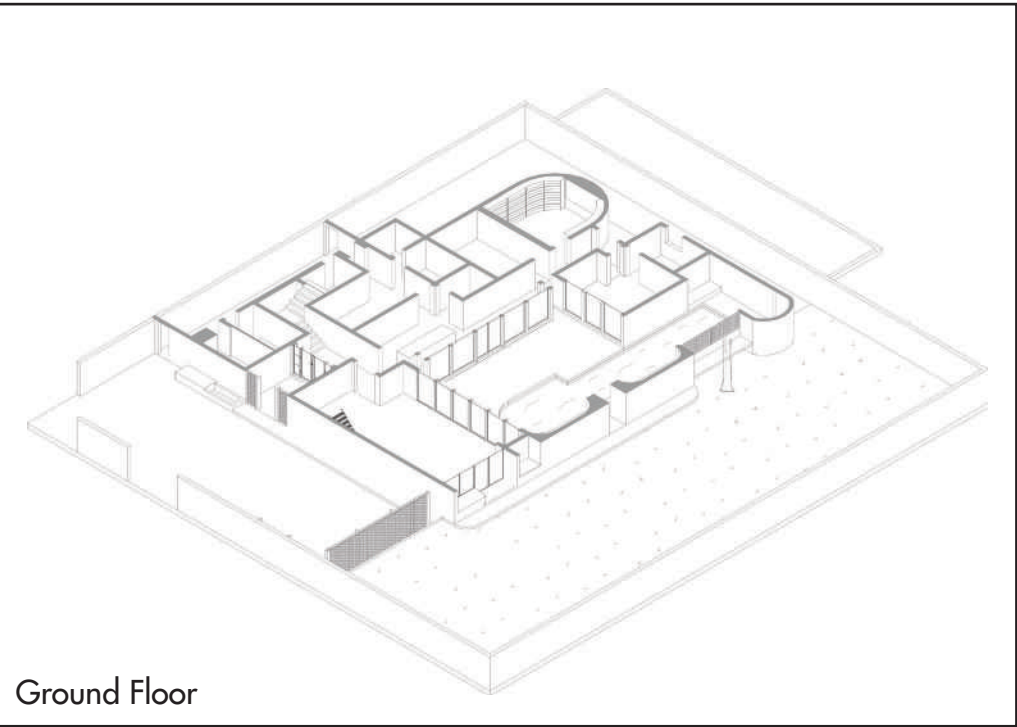


Ground Floor

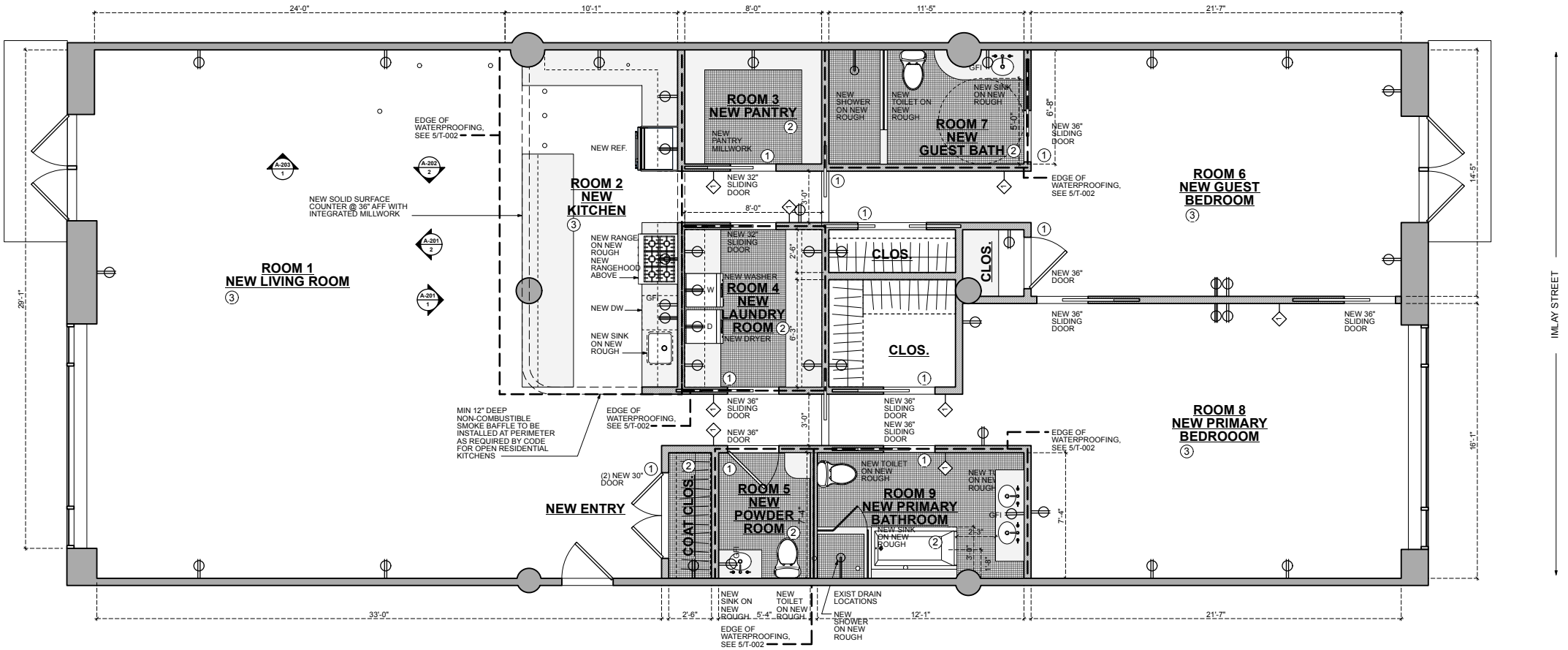


First Floor









Coconstruction plan







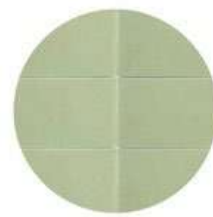
Stainless Steel



White Oak



Lime Wash



Zia Tile - Nile 2x8



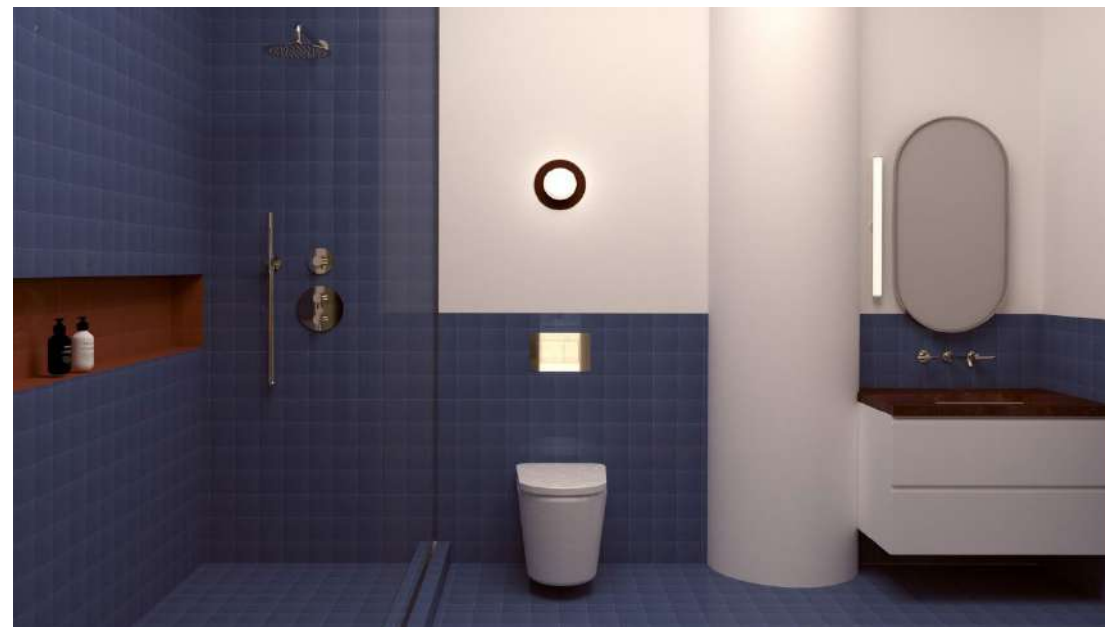
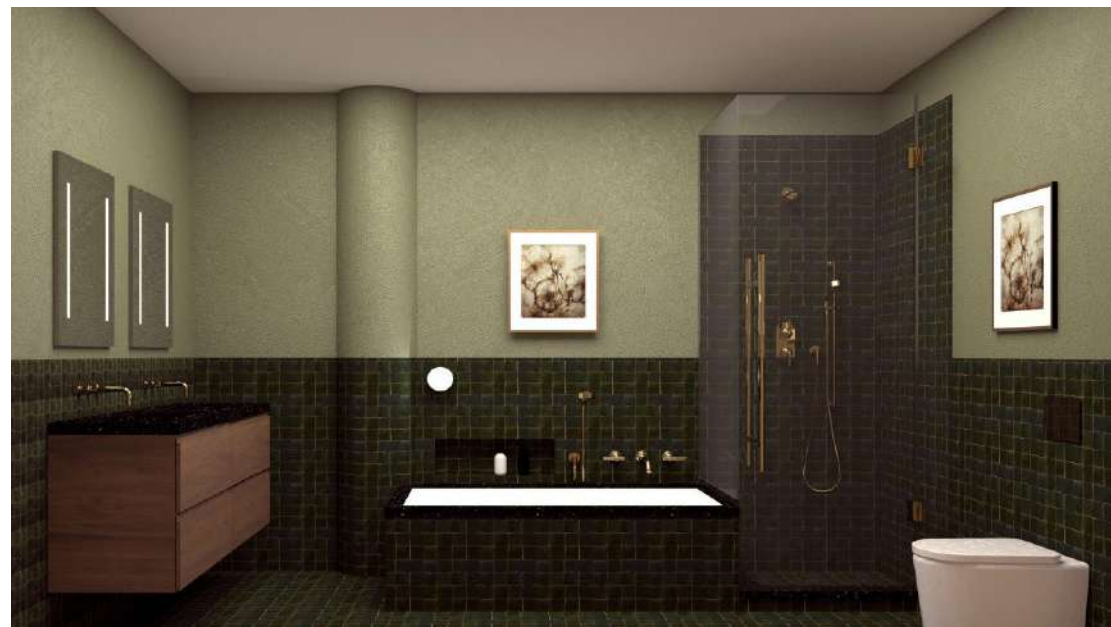
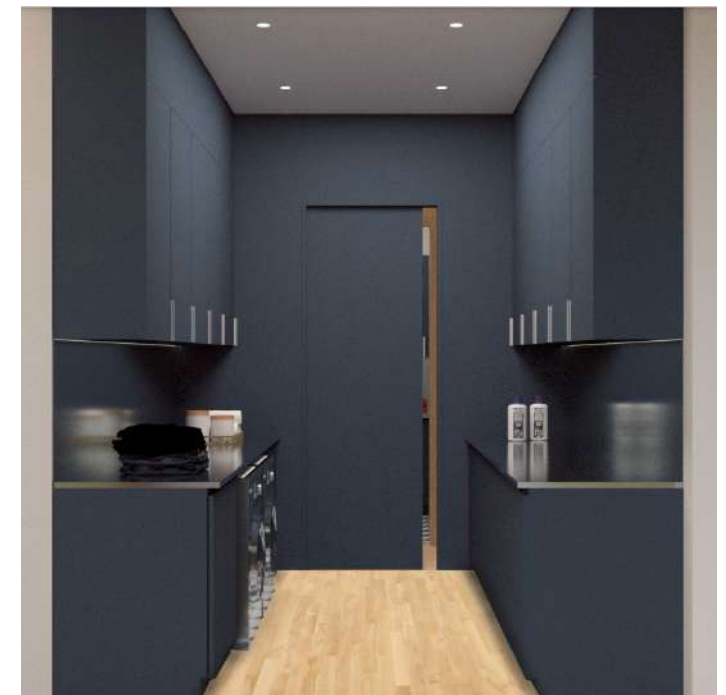
Stainless Steel



Washington Blue - Benjamin Moore



White Oak



Zia Tile - Perpetual Check 3



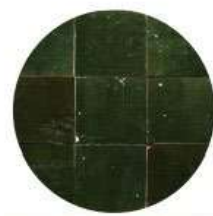
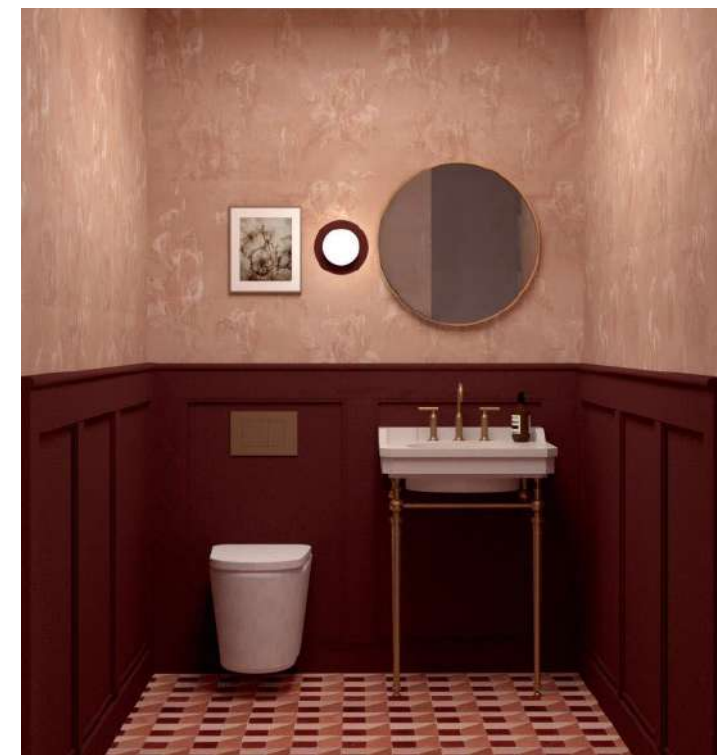
Walnut Wallpaper - Kelsi



Wall Panel



Topo Sconce - RBW



Zia Tile - Racing Green



Walnut



Lime Wash



Crisp Scone - RBW



Iconic Blue 4x4 - Zia Tile



Pompeii 4x4 - Zia Tile



Red Bordeaux Honed Marble



Topo Sconce - RBW



# 06

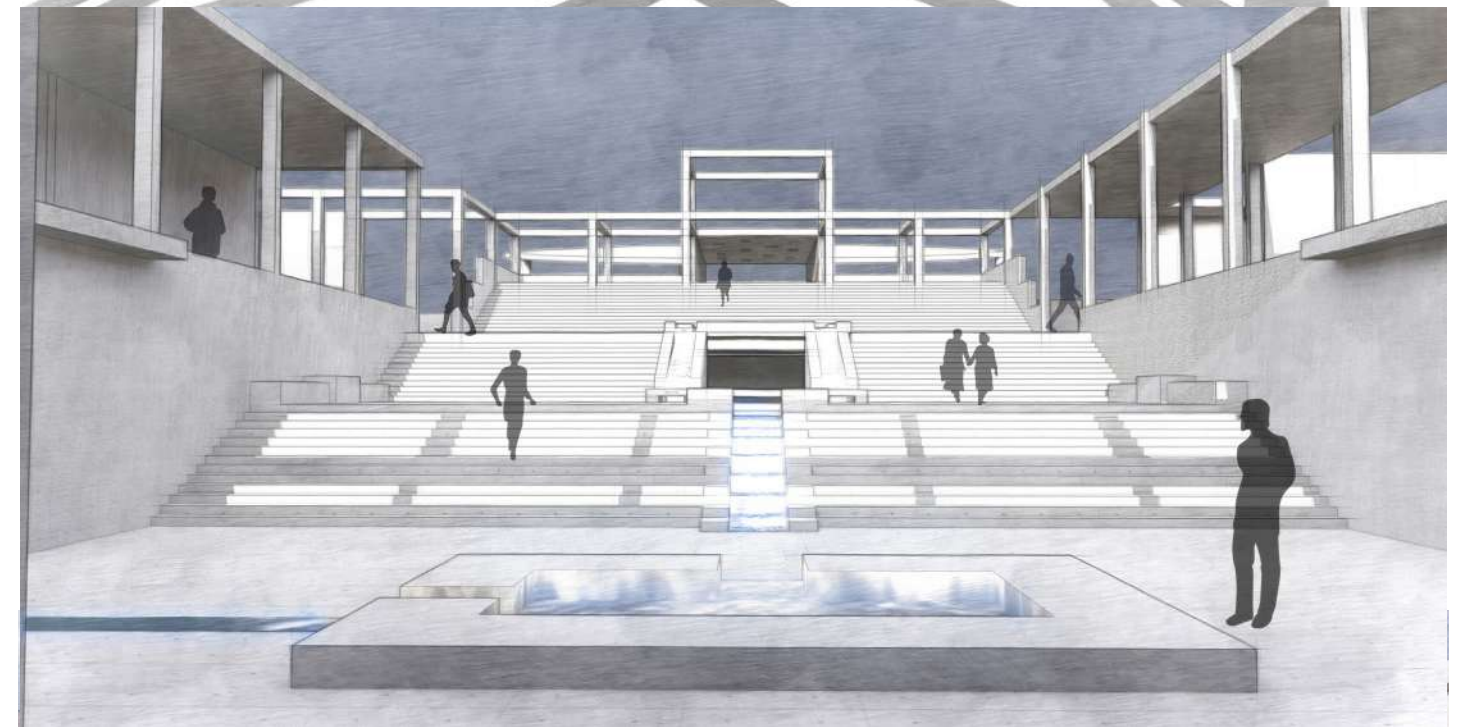
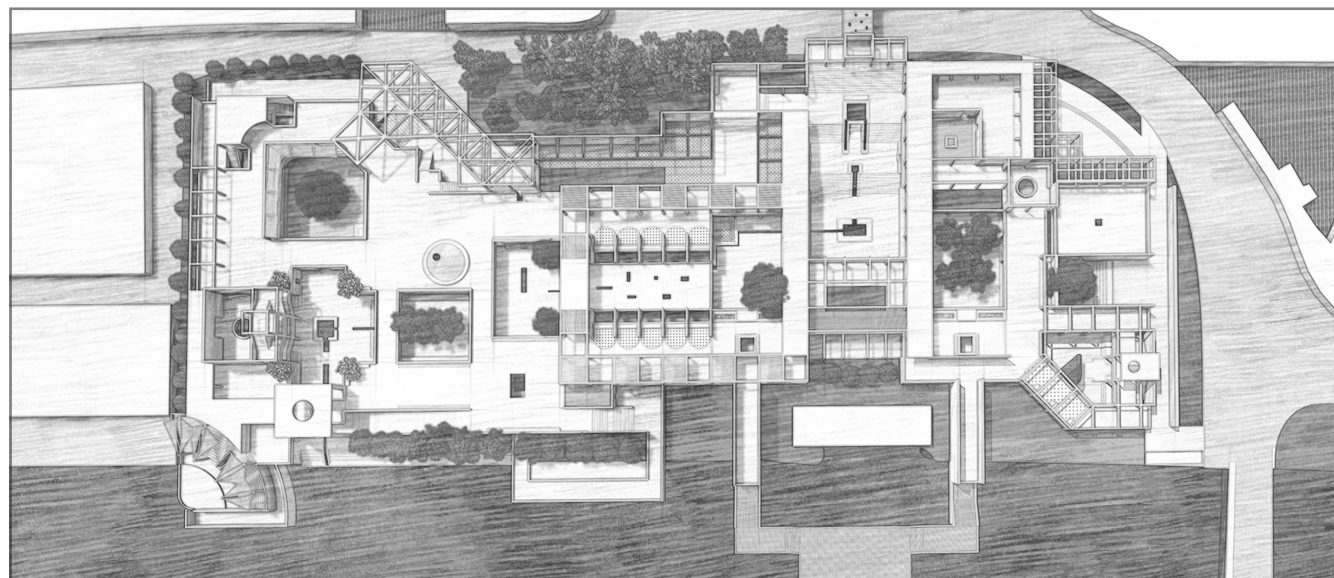
## Perceiving Space Through The Threshold

Critic: Haseeb Amjad

2021

We rarely pause to experience new environments while passing through them. The main goal in architecture is to create a defined space which people are capable of inhabiting and experiencing. The threshold plays a major role in achieving this as it allows one to observe the changing spatial qualities of architecture while moving through it. The threshold is the point of connection from where one world merges into another. It also acts as an in-between space. The intention behind this thesis is to investigate how thresholds change the perception of architectural space for the observer. It also looks at how exaggerated thresholds can be manifested in architecture to set the stage for active engagement with the surroundings. The resulting project is the design of a space of mediation that offers interaction and collective enlightenment based on defined thresholds and transitions.

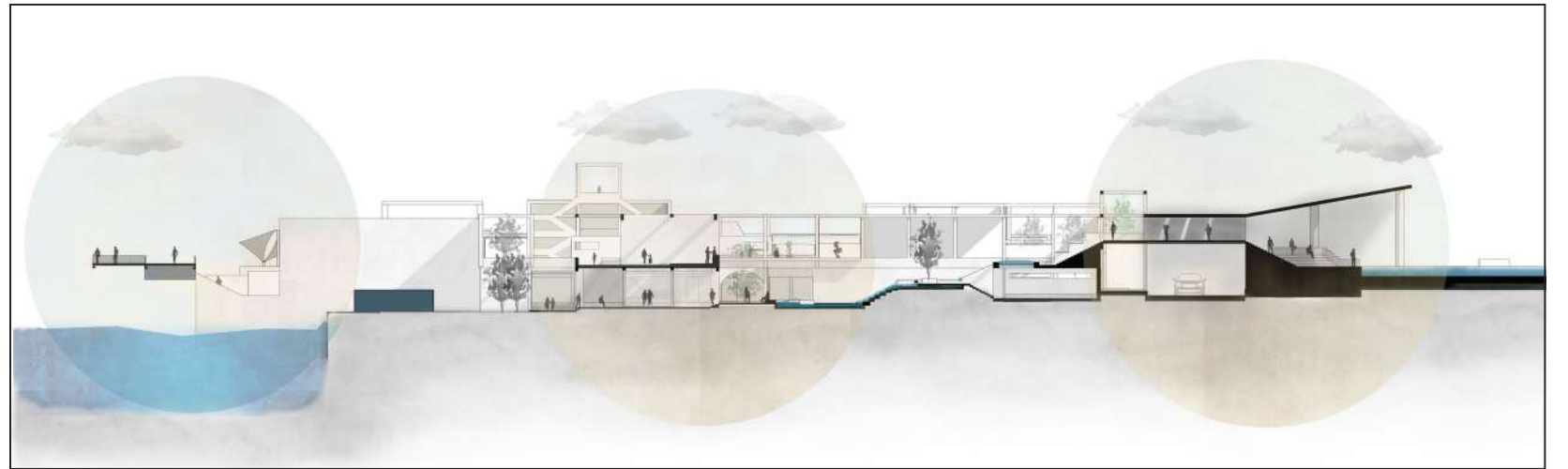
Various **zones of privacy** were identified within the site, with subsequent layering of programs in relation to the intended privacy of the space to create the first instance of threshold spaces. Later, thresholds were developed through circulation as second stage of the process. **Circulation** patterns were designed between the zones, having their own pattern of circulation linking up to the inter-zonal movement pattern. Lastly thresholds were enriched with altering **spatial experiences**. Detailing of various spaces was decided depending upon the program and the location of the space to give them an experience in relation to the events happening within the space. The implementation of these three forms of thresholds ensured spaces which allow users to pause in their movement to deliberate and explore, creating a moment of interaction within the space.







Section AA



Section BB



Section CC



# 07

## House For All: Social Housing

Critic: Zeeshan Ahmed

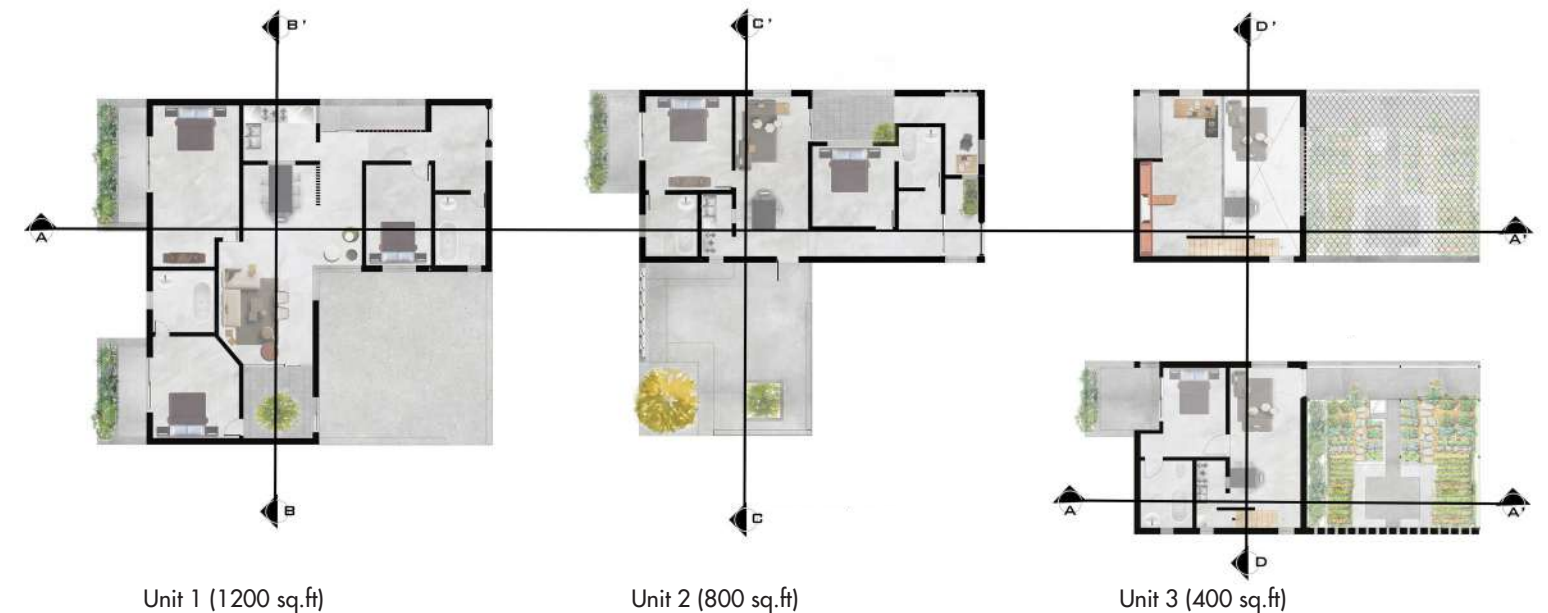
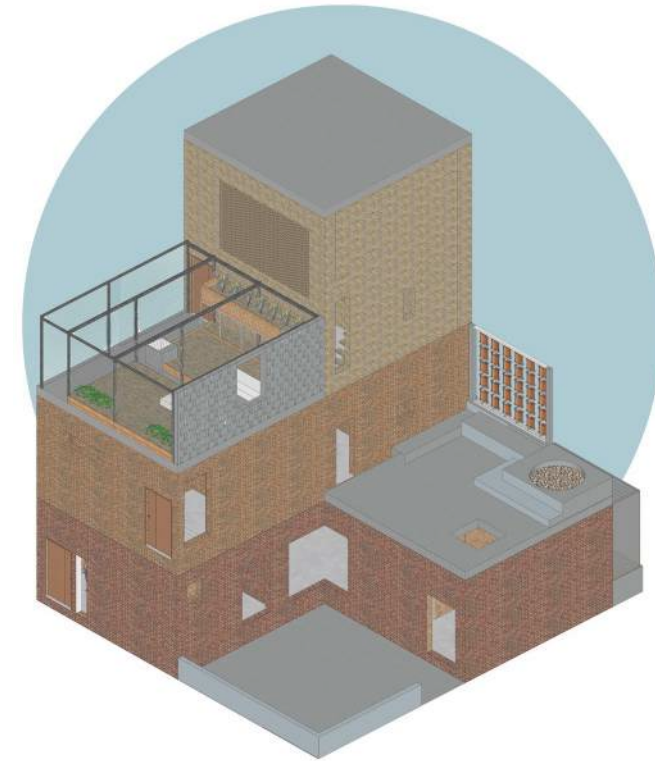
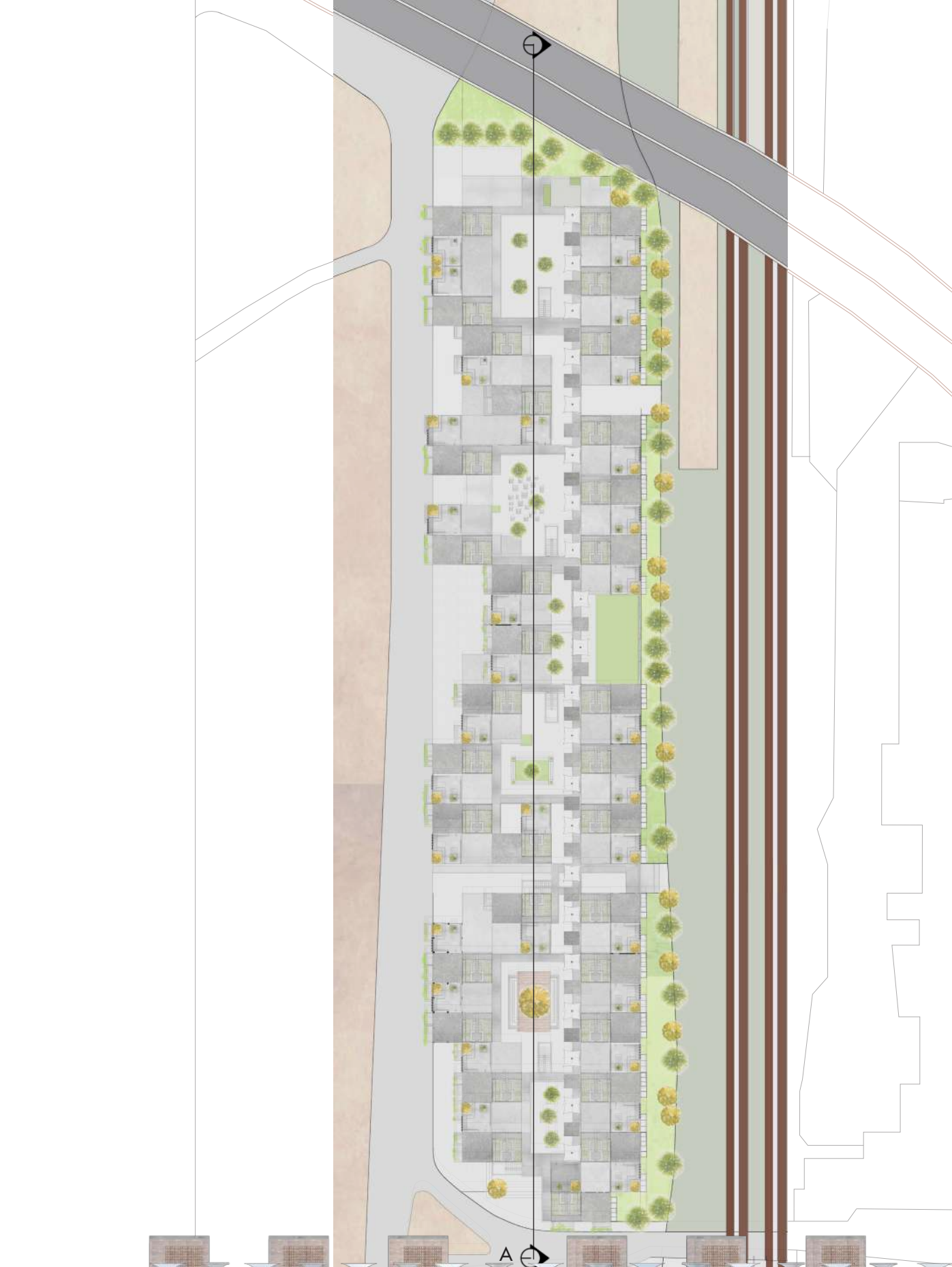
2020

'House-for-All' a social housing project that focuses on community centric development strategy for a special mixed use area in Lahore. The site is an underutilized space in a densely packed middle to low income urban area with railway tracks on one side and shops on the other. This empty space was being used by shopkeepers to dump garbage and keep their buffaloes. Children could also be seen playing in these unsafe and unhygienic conditions, due to a lack of parks and other public spaces. The approach of the project involves identifying the needs of the stakeholders, remove the underutilized space and reposition the shops to create a pedestrianized bazaar. The narrow pedestrian streets are also incorporated to be multipurpose as children's playground, a place for socializing, where people may take their charpoys (string beds) out; a vendor's selling place; above all they provide space for human interaction.

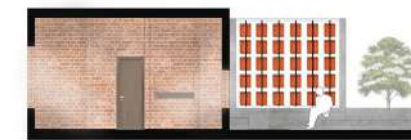
Low-rise, high-density typology seems to have the potential to mitigate housing issues and elevate previously neglected communities without reducing quality of life. In addition to the commercial street I introduced a combination of, three different typologies of apartments within the varying 3-storey clusters which creates dynamism and an interesting townscape. Each apartment has an open-to-sky terrace at each level that was inspired by the walled city of Lahore. It can be used to grow vegetables or keep chickens to generate income. The access to the dwellings is through pedestrian streets, bridges and external stairs. The decision of cluster grouping minimizes construction costs and maximizes weather protection, especially from the intense summer sunlight. The building system is as simple and economic as possible, using mainly cheap local brick in walls, which are loadbearing.







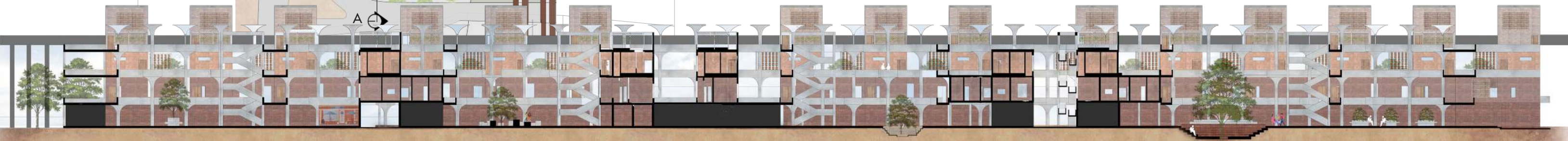
Section BB'



Section CC'



Section DD'



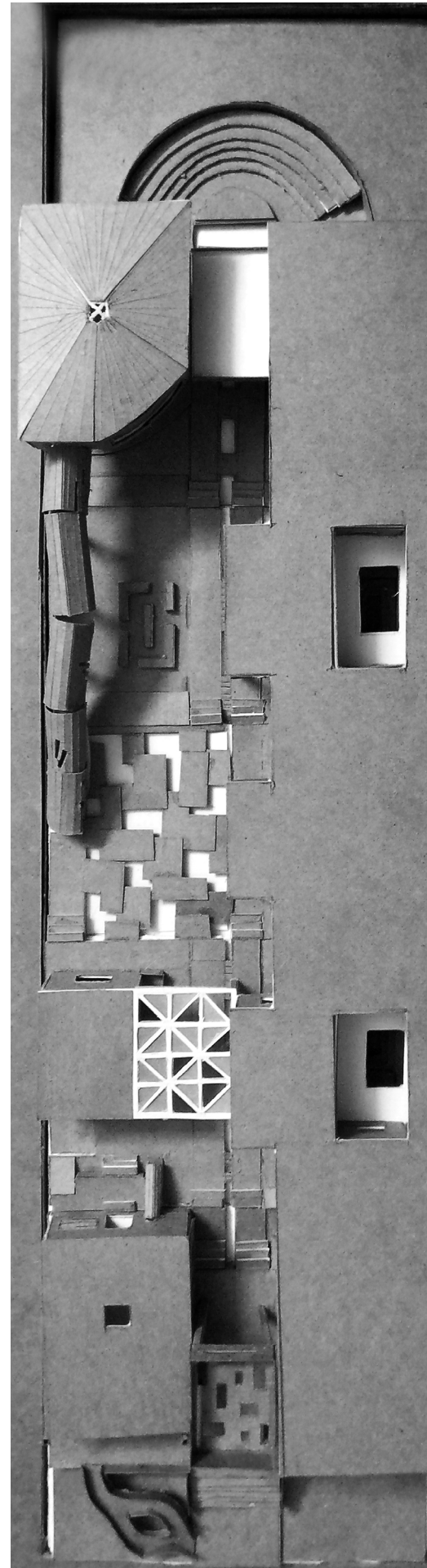
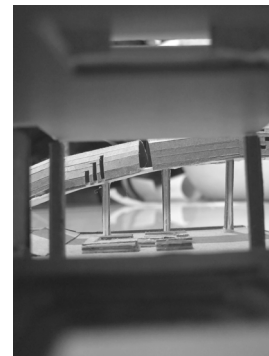


# 08

## Learning Around The Playground: Primary School

Critic: Zeeshan Ahmed

2018



Since a school is where the kid learns about the outside world, it becomes quite important how the architecture that surrounds helps in moulding the youth for the future. 'How can a designer create a balance between learning spaces and play spaces so that the overall growth of a child is ensured?' Dividing the site in half and creating a distinct playground vs formal education space planned across two floors became my pivot for the design.

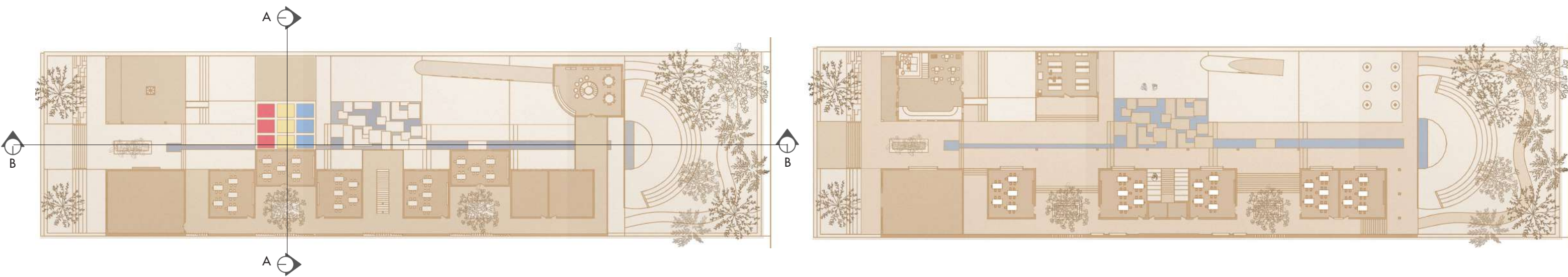
The idea stretched from the thought that most early schools were organised around a tree in the open rather than closed rooms. This promotes outdoor activity-based learning for the kids where they are free to move in and out of their classrooms. Playing outside is essential for children to develop balance, coordination and physical strength. It provides opportunities for children to gain social skills, and improve their imagination, creativity and problem-solving ability. It can also strengthen their sense of self and their sense of connection with their peers and to their community and the environment.

The design is centred around a water body, which starts as a stream that is fed by water from the water tank when you enter the premises and ends as a water fall at the amphitheatre which is the last stop in the design. Water is used as an element of play, as it provides children with so many opportunities to explore their senses and experience different sensory experiences. It helps develop and strengthen children's gross and fine motor skills.

The journey is designed at different levels and you step down as you proceed, the classrooms and labs are placed on one side as they look onto the playground and the administrative block and kindergarten are placed at the beginning. The library is designed as a sculpture, on tree shaped columns and with a slide leading to it, so it engages the students. and there is an open cafeteria under the library.







Section AA



Section BB



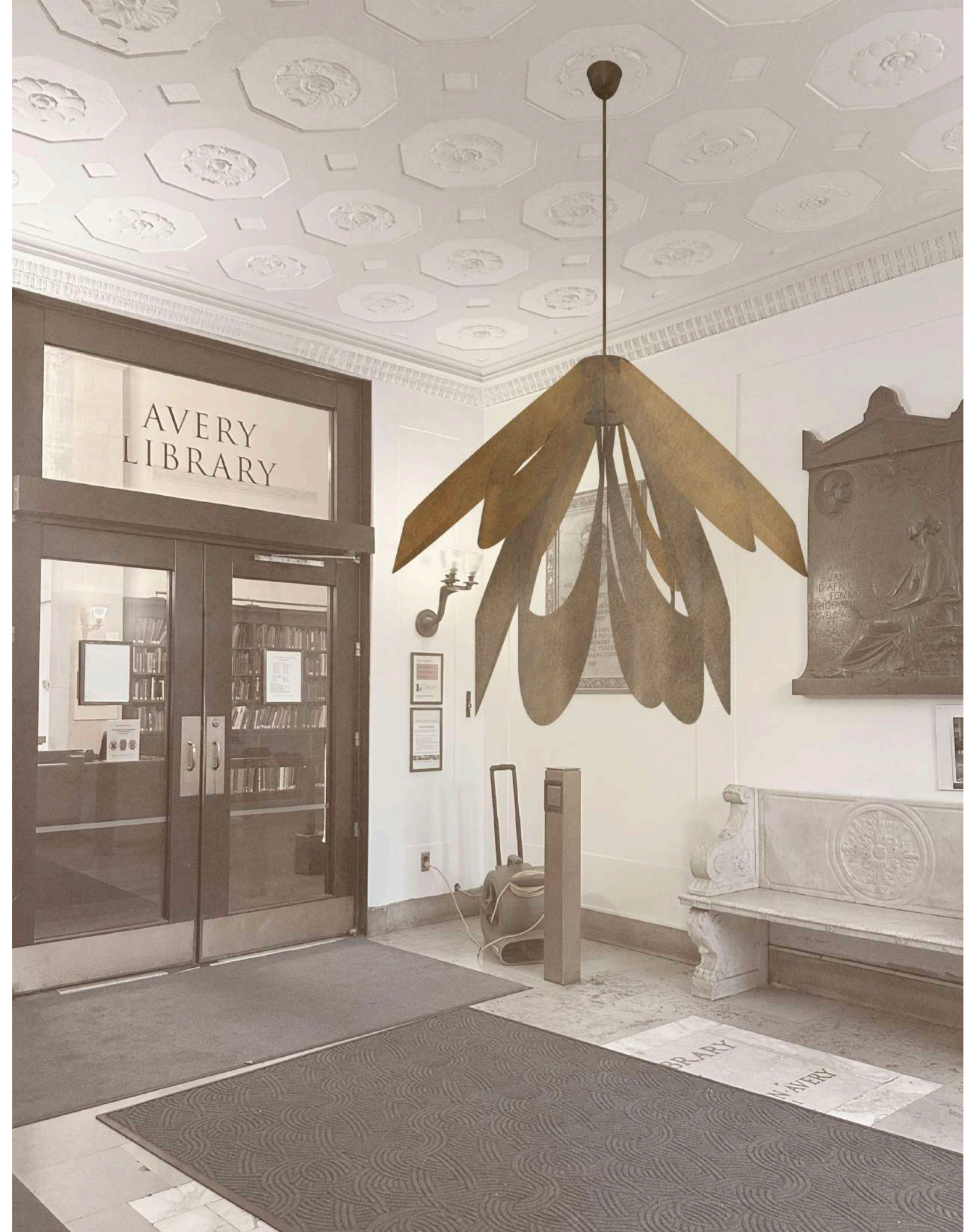


# 09

## Design with Healthy Materials: Common Reed

In Collaboration with Mariam Jacob

2023

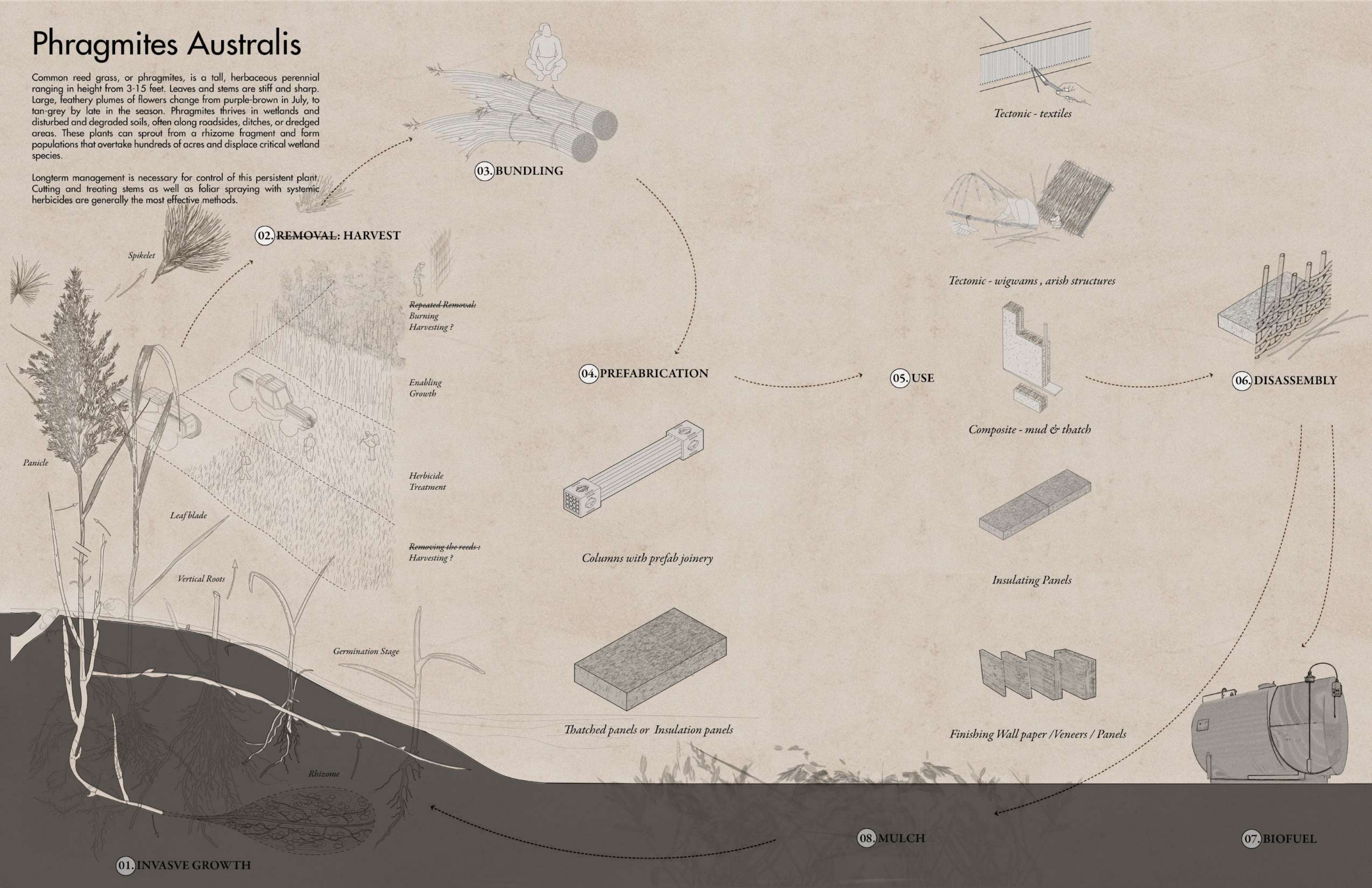




# Phragmites Australis

Common reed grass, or phragmites, is a tall, herbaceous perennial ranging in height from 3-15 feet. Leaves and stems are stiff and sharp. Large, feathery plumes of flowers change from purple-brown in July, to tan-grey by late in the season. Phragmites thrives in wetlands and disturbed and degraded soils, often along roadsides, ditches, or dredged areas. These plants can sprout from a rhizome fragment and form populations that overtake hundreds of acres and displace critical wetland species.

Longterm management is necessary for control of this persistent plant. Cutting and treating stems as well as foliar spraying with systemic herbicides are generally the most effective methods.

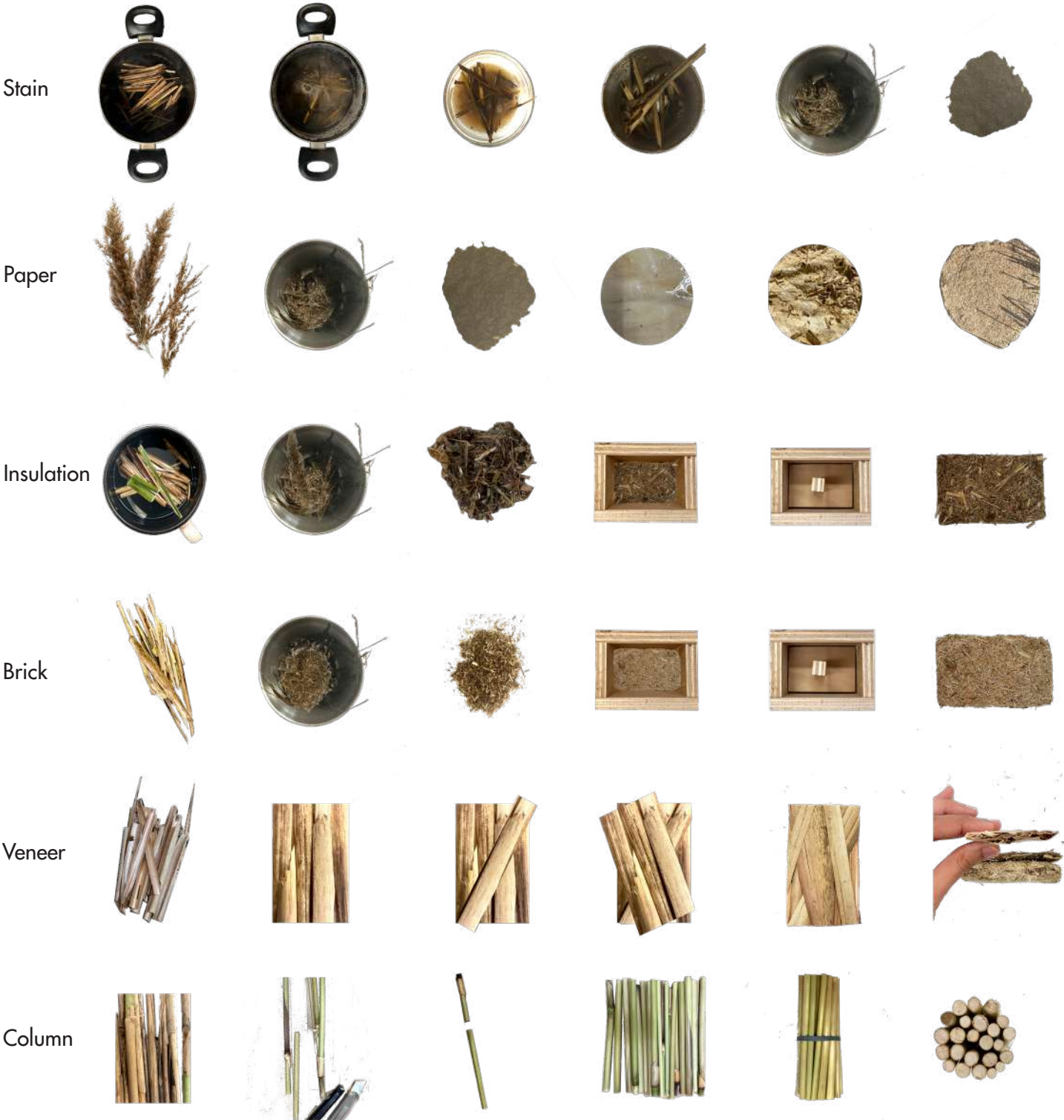




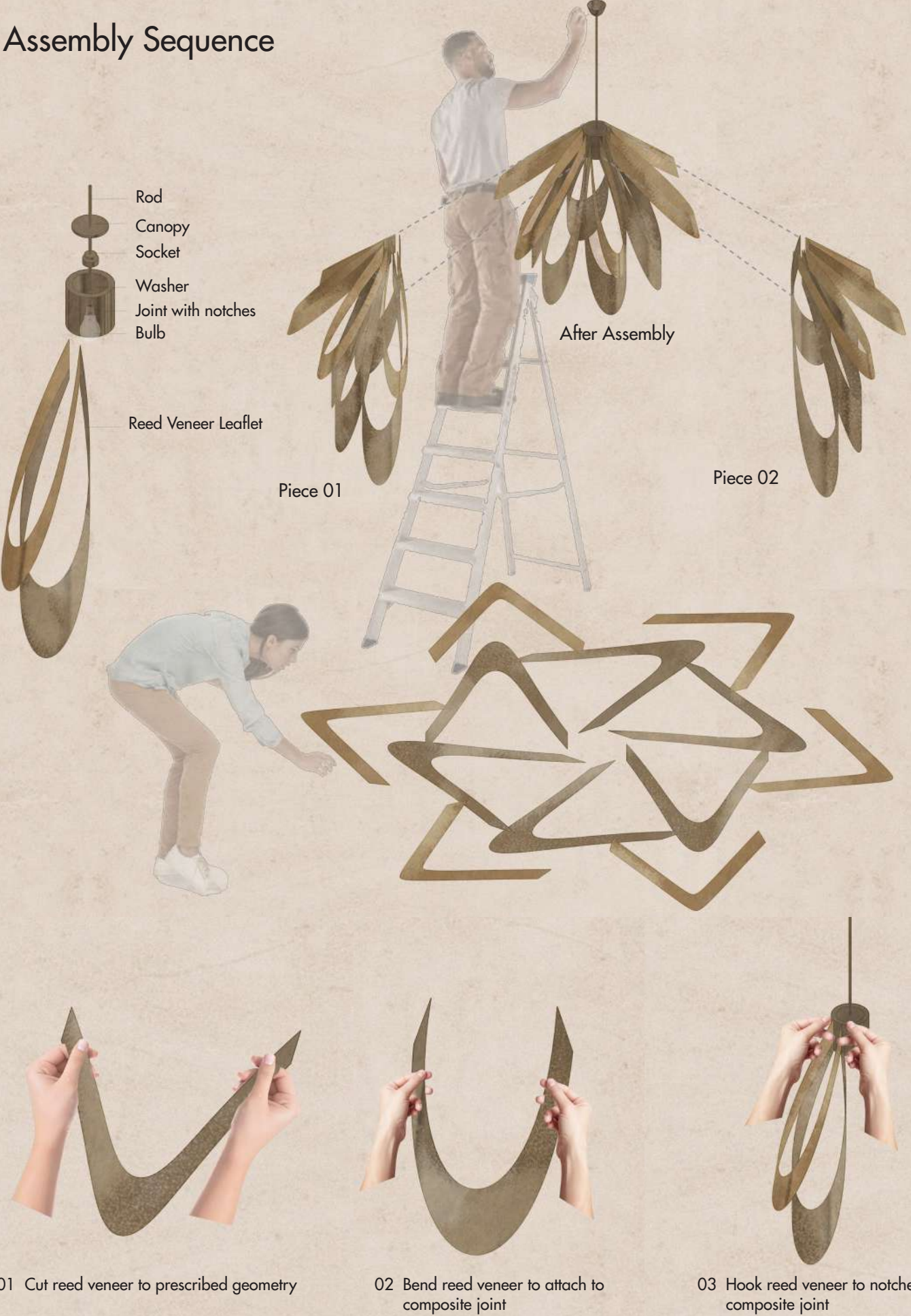
Raw Materials



Prototype Explorations



Assembly Sequence



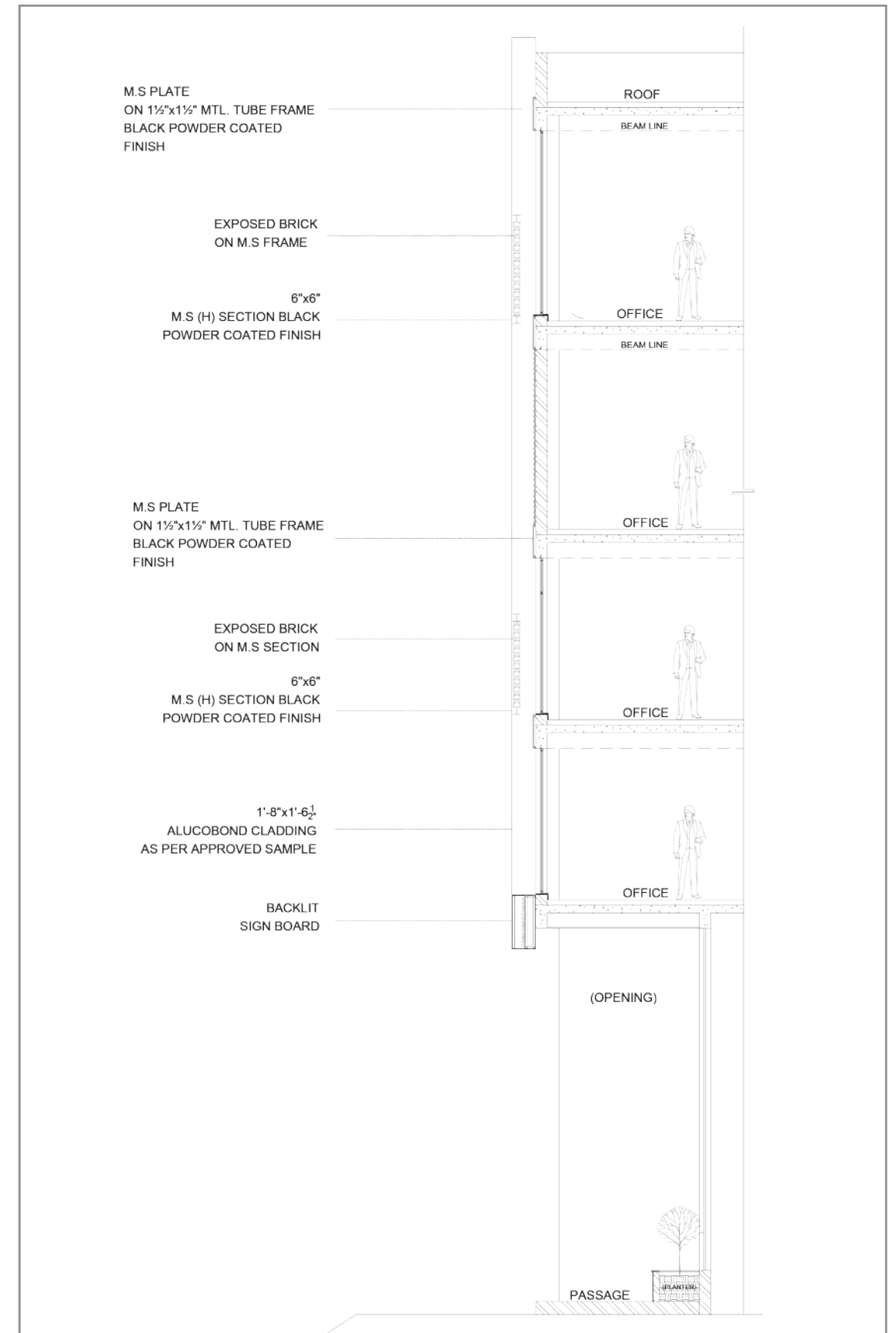
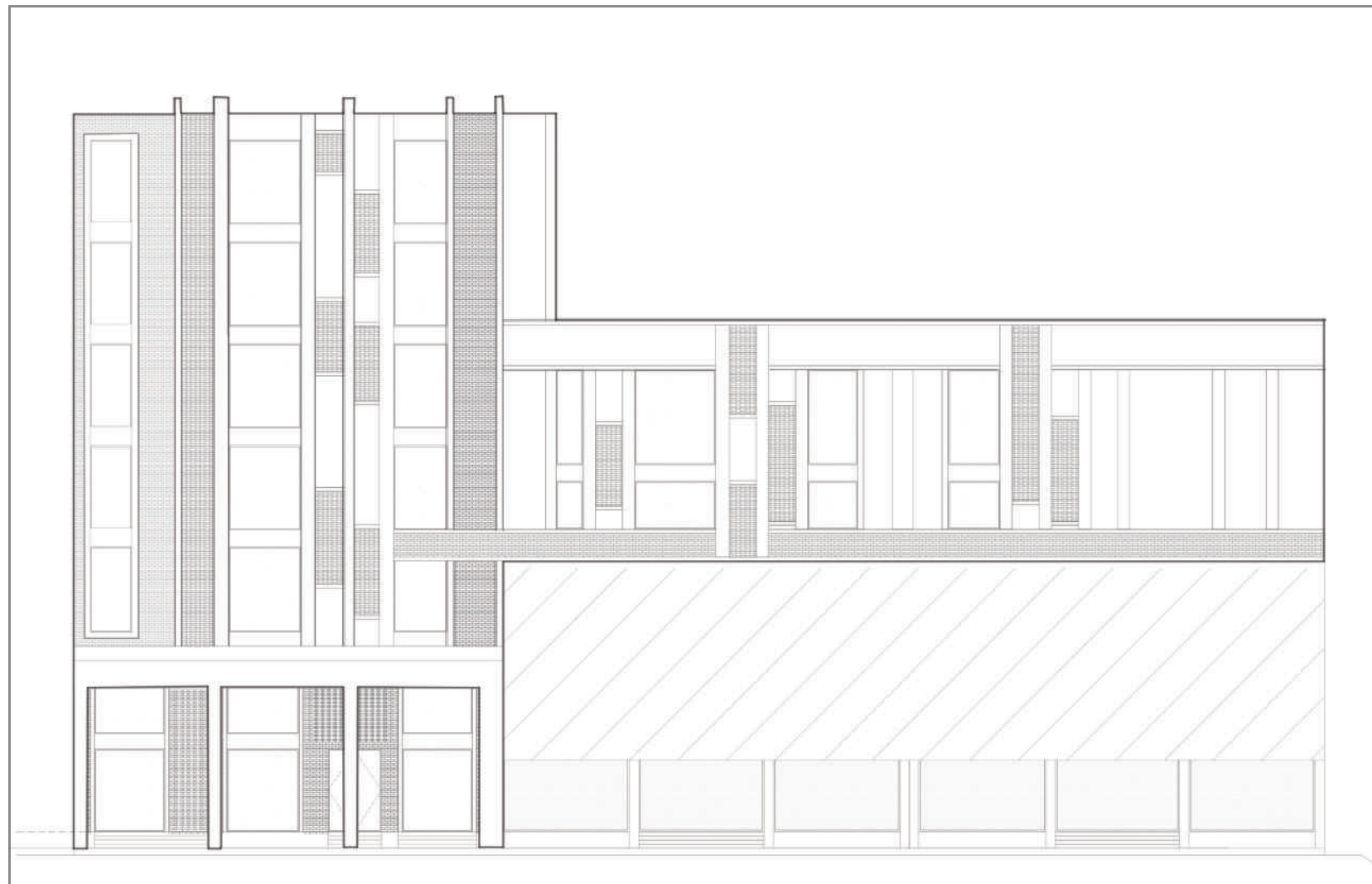


10

## HKB Facade Design

Oh+A Designworks

2023









# 11

## Layered Urbanism: Empowering Rio's Plate and People

Critic: Galia Solomonoff

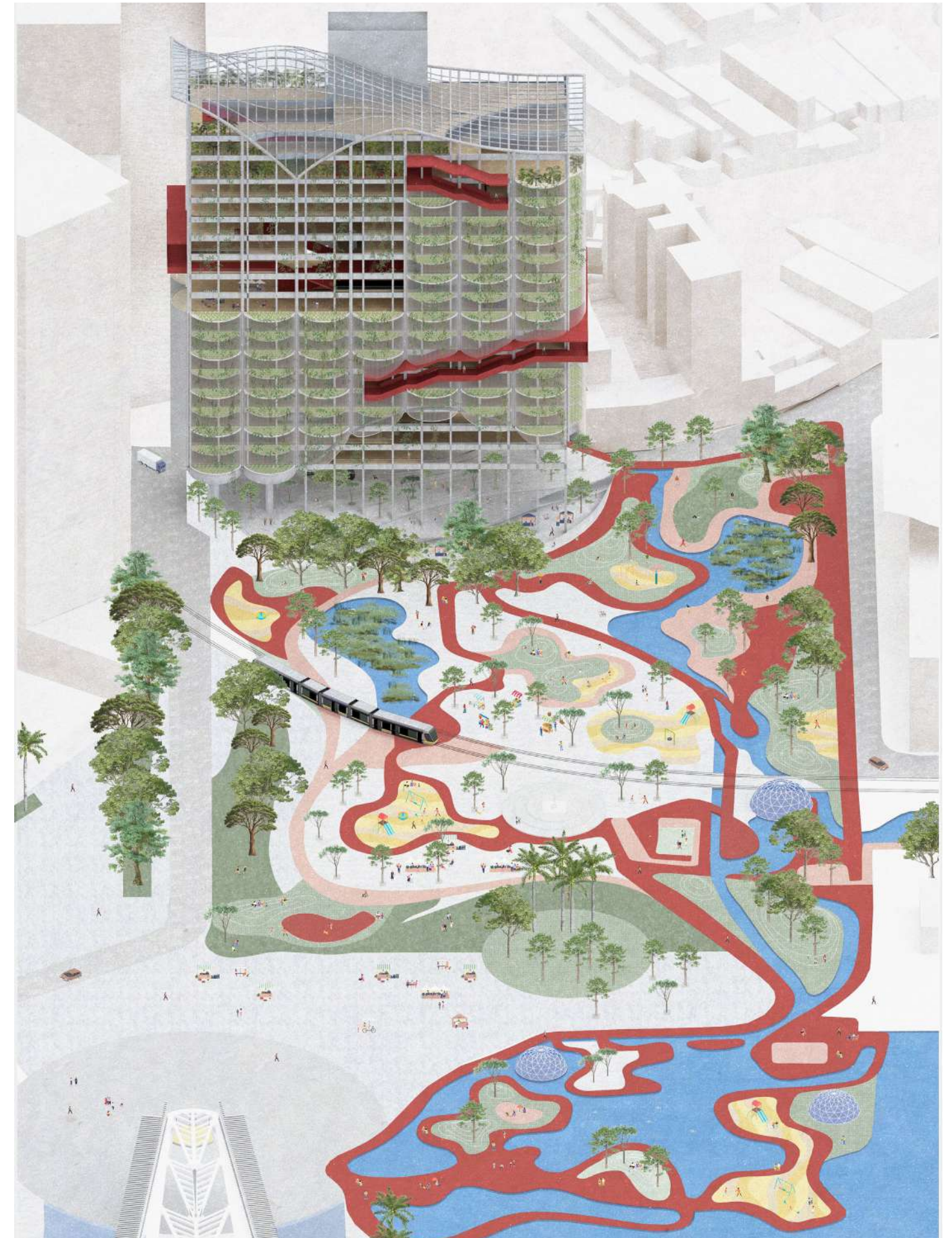
Collaborators: Stuti Murarka and Harshini Ashok

Spring 2024

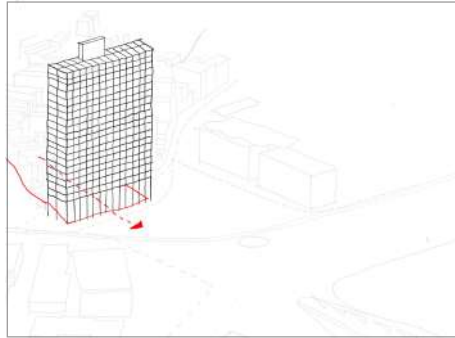
The design addresses the critical issue of food insecurity in Rio de Janeiro. By integrating a food bank with urban agriculture, the project fosters self-reliance within the community. Recognizing the limitations of government policies and import reliance, food banks within urban agriculture foster a self-sufficient community. The concept draws inspiration from the local diet and utilizes circular water management systems, potentially incorporating seawater desalination. Educational programs within the building focus on vertical and peri-urban farming techniques, empowering residents to grow their own food.

The design itself acts as a bridge, connecting the Morro with the waterfront and public plaza. The cylindrical form maximizes farmable surface area, resembling traditional grain silos, while public walkways weave through planted zones. This welcoming and open structure offers subsidized food and food bank services, transforming the building into a learning environment for residents to experiment with new crops, share knowledge, and access subsidized food markets.

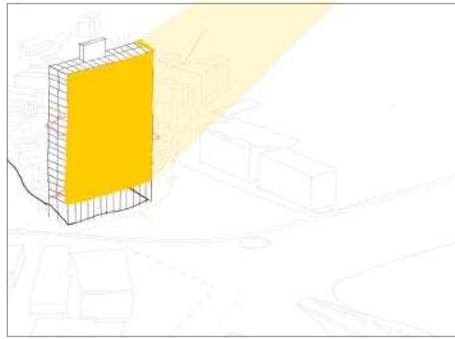
This public forum extends into the programs, housing a community kitchen, research labs, co-working spaces, and a marketplace. By educating users on urban farming techniques and fostering collaboration, this design proposal aims to cultivate a more resilient and food-secure future not just for residents but for the entire community.



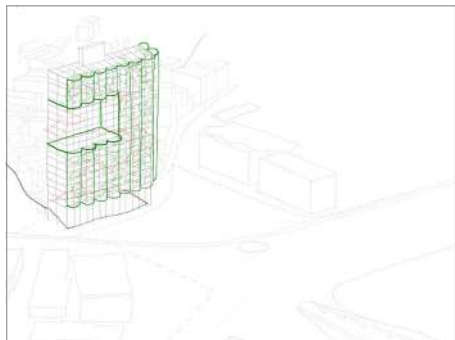




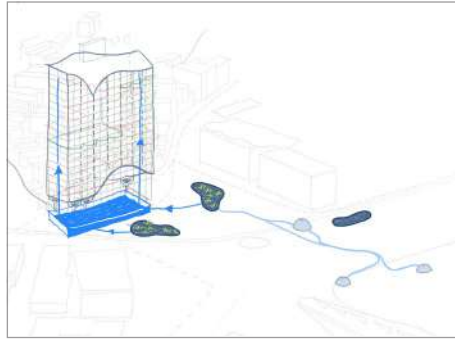
Extend the morro into anoite, to connect the community with the urban plaza



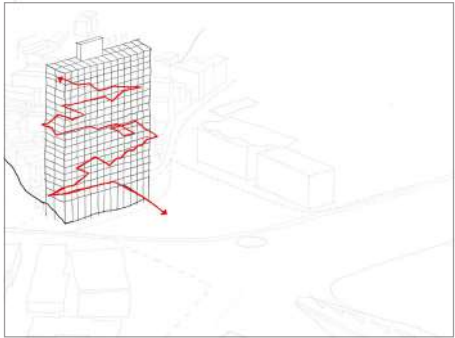
Sun study revealed which part gets the most sunlight to aid farming



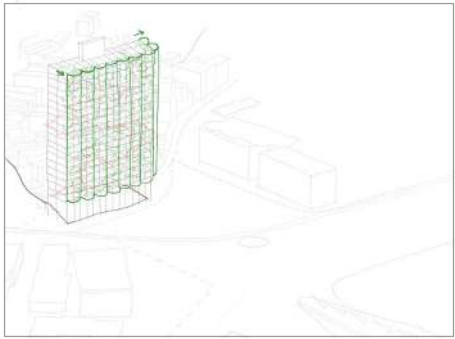
The heart of the building houses community engagement, kitchens and shared activities



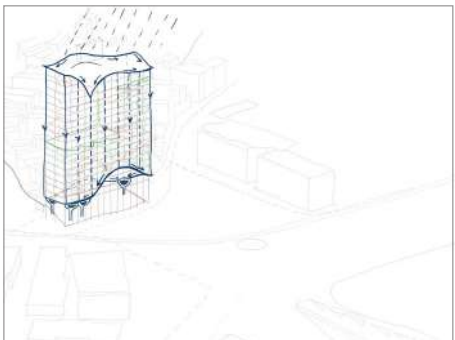
The desalination pods filter the water and feed it back to the building after passing through the wetlands.



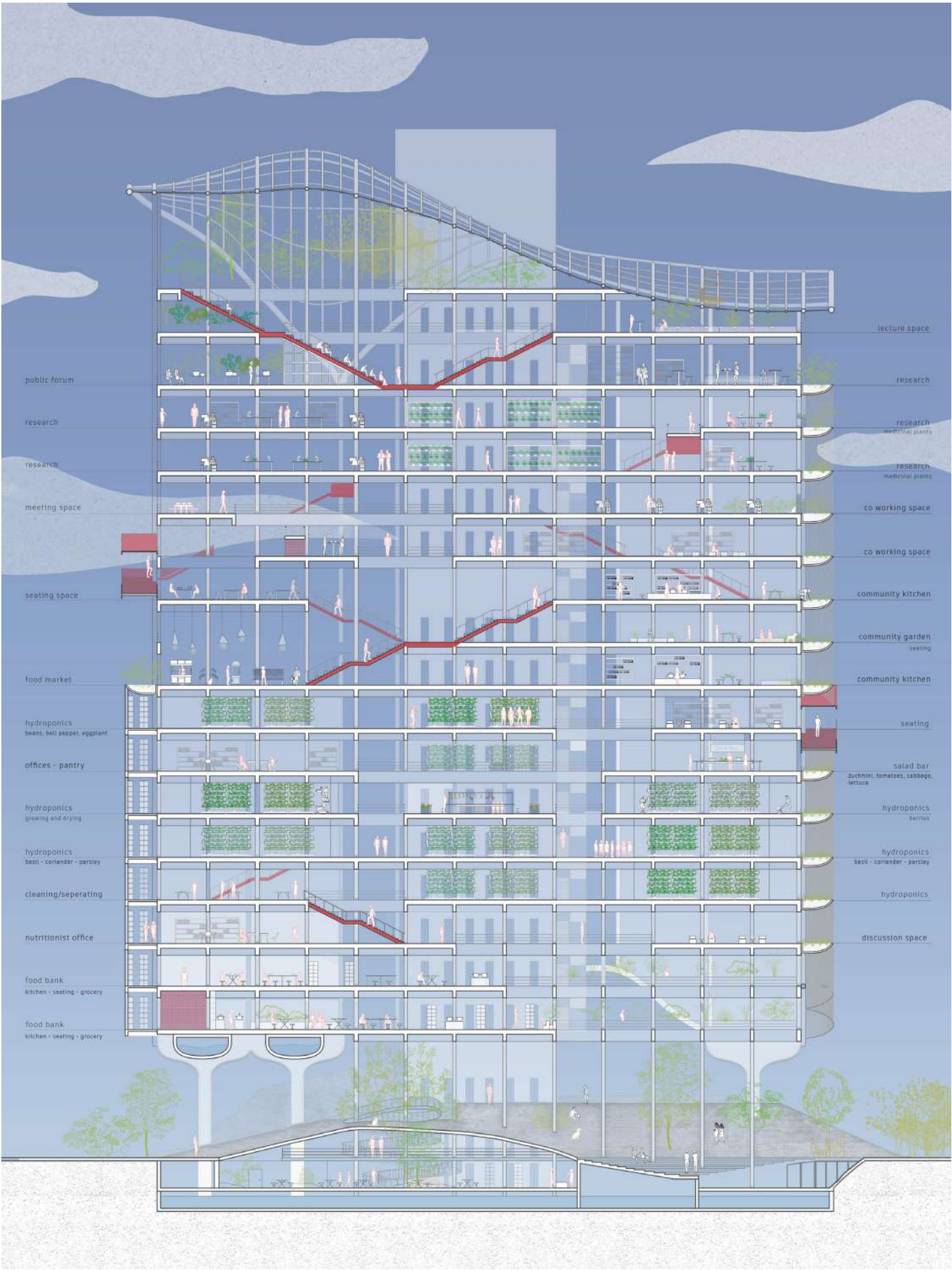
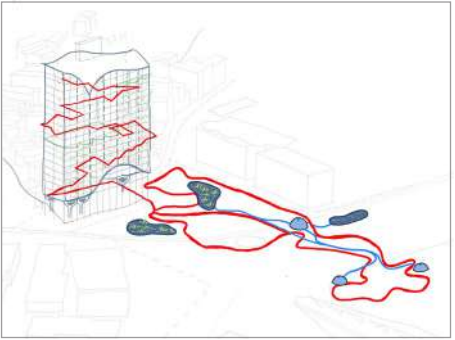
Circulation creates a journey through the programs for the users to experience



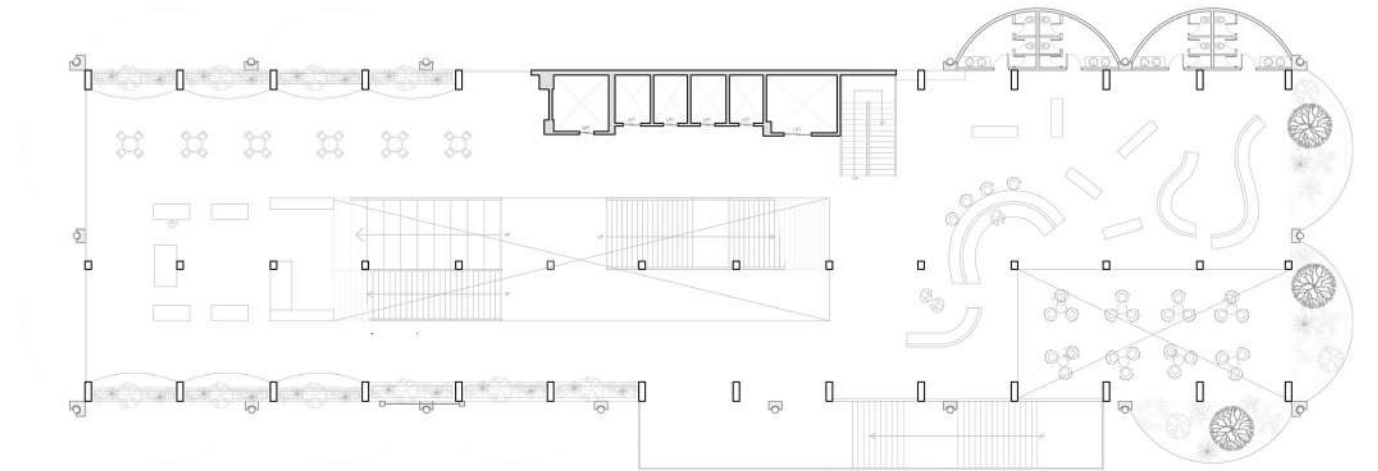
The cylindrical form maximizes farmable surface area, resembling traditional grain silos



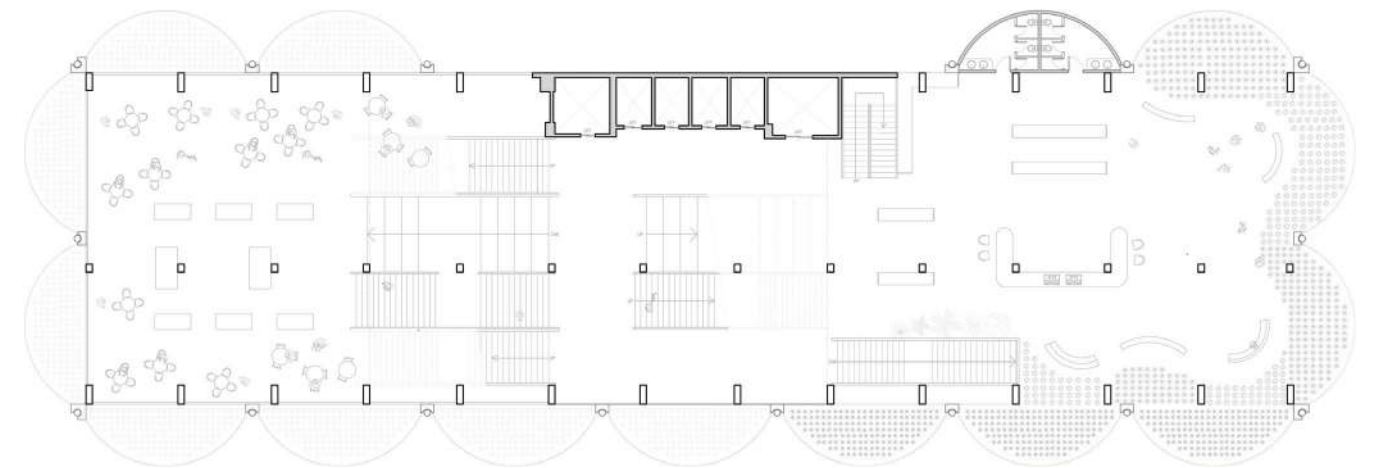
The rainwater enters from the highest point and travels to the lowest points on the site where it collects.



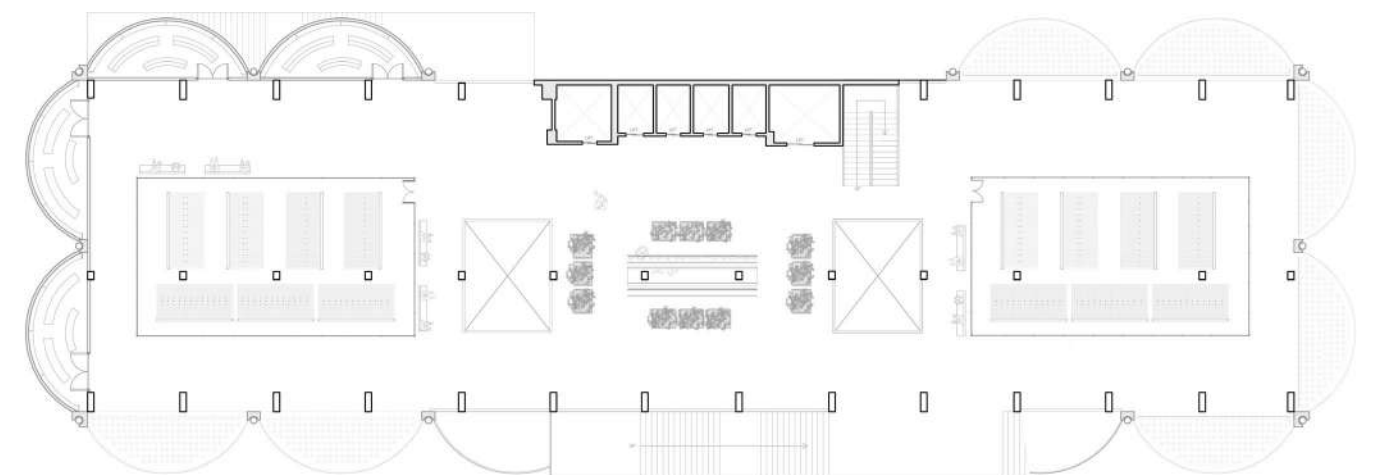




Level 16 - Public Forum and Discussion Space

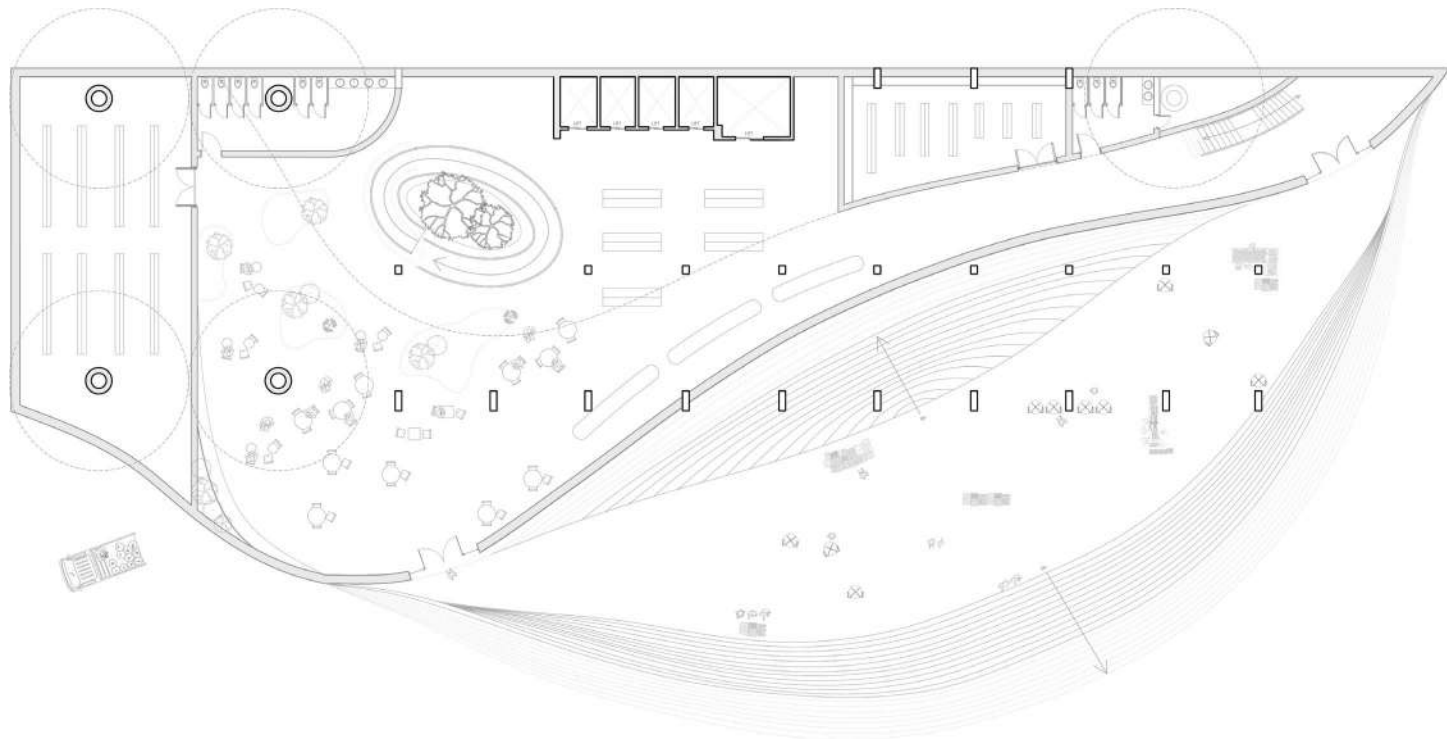


Level 10 - Community Garden/Kitchen and Food Stalls



Level 6 - Hydroponics (Berries)





Basement Level - Food Bank/Grocery and Urban plaza with Food Market





