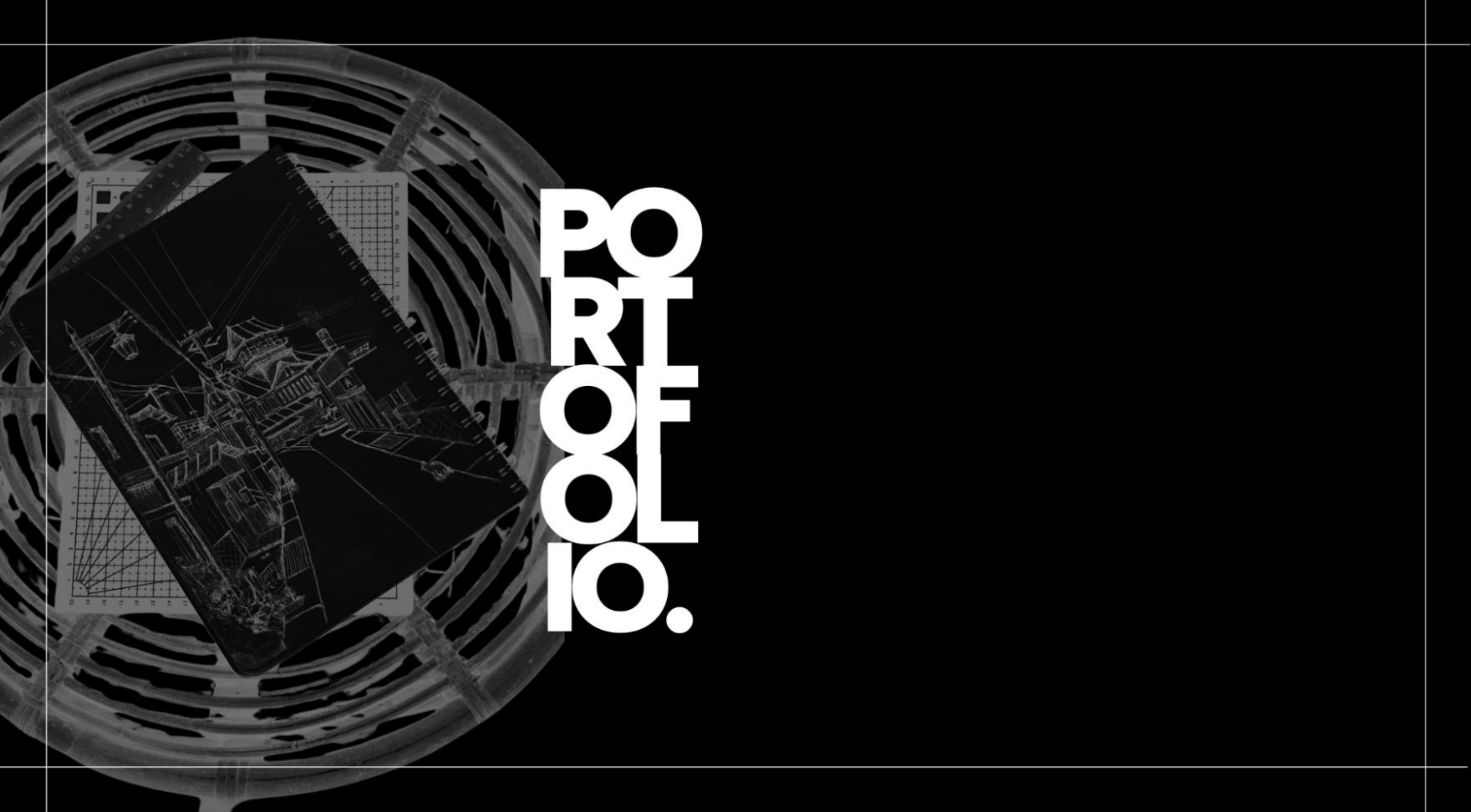




PORTFOLIO.

Profile



MUHAMMAD
HAWARI
SAJIDULLAH

Bukittinggi, West Sumatera
29 / 10 / 2003

I am a Bachelor of Architecture graduate with an interest in designing spaces that combine creativity, function, and a response to context. I believe that good architecture stems from an understanding of users' needs, the environment, and local culture. With experience in architectural design, 3D visualization, project supervision, and academic assistance, I am ready to contribute professionally and continue to grow in producing high-quality design solutions.

✉ mhsajidullah@gmail.com
☎ +6285263124232
📷 hawarisajid_

Curriculum Vitae

EDUCATION	2022 - 2026	Sumatera Institute Of Technology LAMPUNG Bachelor of Architecture
	2019 - 2022	MAN 1 Bukittinggi WEST SUMATERA Science
EXPERIENCES	2025	Internship Program PT. Maju Mapan Banguindo
	2025	3D Modeler of Rest Area Project Freelance
	2025	Honorable Mention AILCD 2026 International Architecture Design Competition
	2025	Head of Internal Harmonization Division Himpunan Mahasiswa Arsitektur (HIMARS)
	2025	Teaching Assistant Computation Studio
	2024	National Architecture Competition Top 10 of Sayembar Aurora 7.0
	2024	Teaching Assistant Basic Arhitecture Studio II
SOFTWARE	BIM/CAD	Autocad
	Modeling	SketchUp
	Render	D5 Render
	Visual Design	Figma / Canva
	Office	Word / Excel
LANGUAGE	Bahasa Indonesia (Native) English (Passive)	
INTEREST	Architectural Design Sketching Music Nature	

.CONTENTS.

01



Fort de Kock
Heritage Common

02



Mocalics
Island

03



Verdant FLOW
Ecopark

04



At-Tawakkul
Mosque

05



The Grand
Axis

06



Internship and
Freelance Project

Fort de Kock Heritage Common Bukittinggi

In the context of the revitalization of the former Bukittinggi Prison, this building is part of a broader network of heritage sites. As a Heritage Creative Hub, it can serve as a hub for new activities that support the area's ecosystem, thereby fostering a mutually reinforcing relationship between historical preservation, community creativity, and the development of cultural tourism in the city of Bukittinggi.

Software used:

Modelling: Sketchup
Diagram: Figma & Canva
Render: AI Tools
Post Production: Figma

Final Academic Project



Background

Bukittinggi is a heritage tourism city in West Sumatra, home to numerous Dutch colonial relics. However, despite its rich historical significance, several cultural heritage buildings remain neglected and neglected, including the Gevangenissen van Fort de Kock (former Bukittinggi prison). Located in a strategic area of the city center, this building creates a rundown impression and has become a tourist attraction.negative spacefor the city's image as a tourist destination. Yet, as a building with significant historical significance in the development of Bukittinggi, this former prison has the potential to be revitalized as a new tourist destination and public space that supports the preservation of the city's cultural heritage.

Issue Based



Challenge

+ VISION



+ DEGRADATION



/Gevangenissen van Fort de Kock



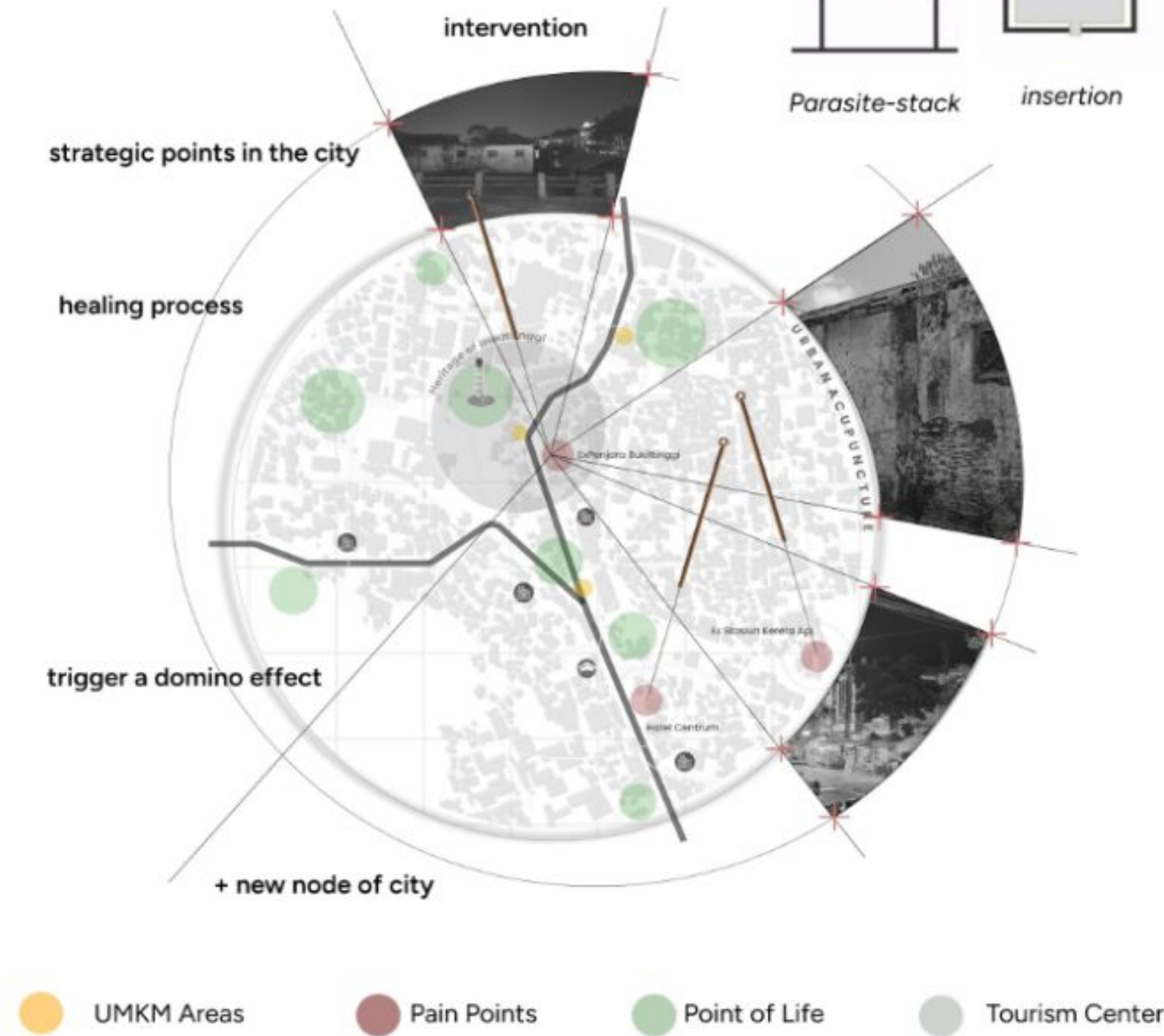
Jl. Perintis Kemerdekaan, Atur Tajung Kang Tengah Sawah, Kec. Guguk Panjang, Kota Bukittinggi, Sumatera Barat

Site Analysis

Approaching

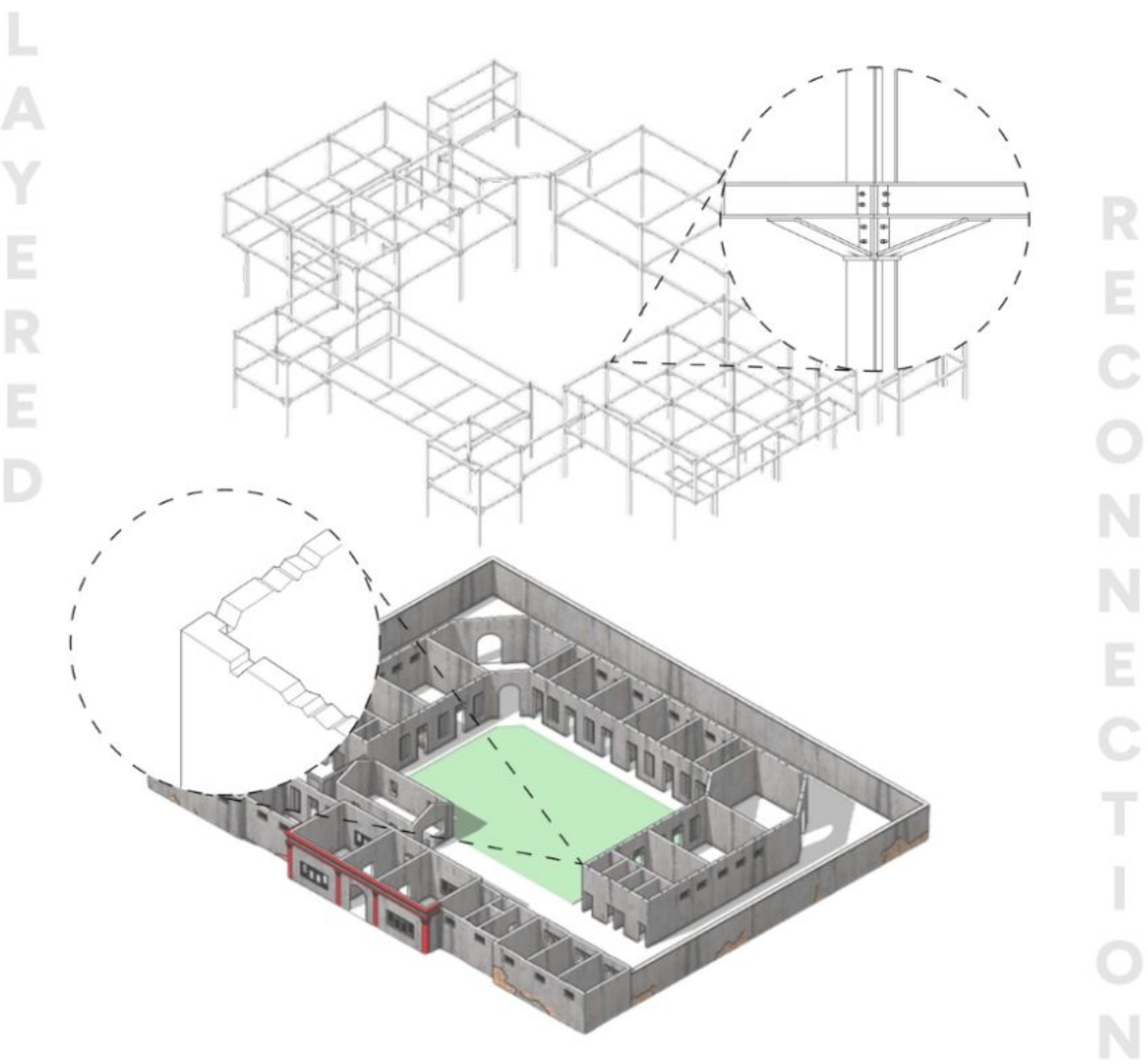


Urban Acupuncture

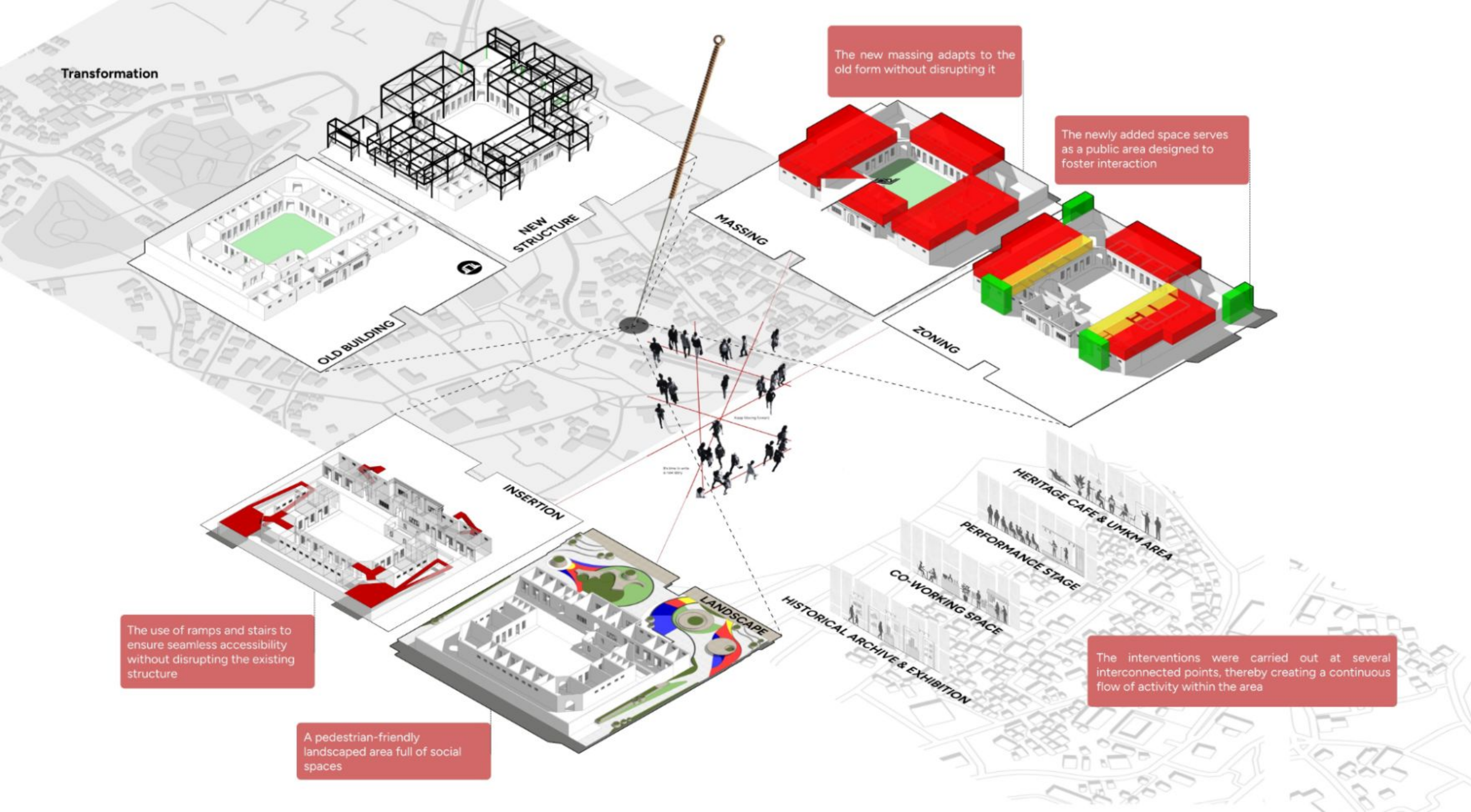


Concept

An approach that views a building as a multi-layered entity in time, where the past, present, and future coexist and are revealed through contrasts in materials, structure, and space. Spatially, the design works by reconnecting the fragmented spaces left behind by the prison's former function, creating an integrated spatial system capable of fostering creative interaction.



Transformation



The new massing adapts to the old form without disrupting it

The newly added space serves as a public area designed to foster interaction

OLD BUILDING

NEW STRUCTURE

MASSING

ZONING

INSERTION

LANDSCAPE

HERITAGE CAFE & UMKM AREA

PERFORMANCE STAGE

CO-WORKING SPACE

HISTORICAL ARCHIVE & EXHIBITION

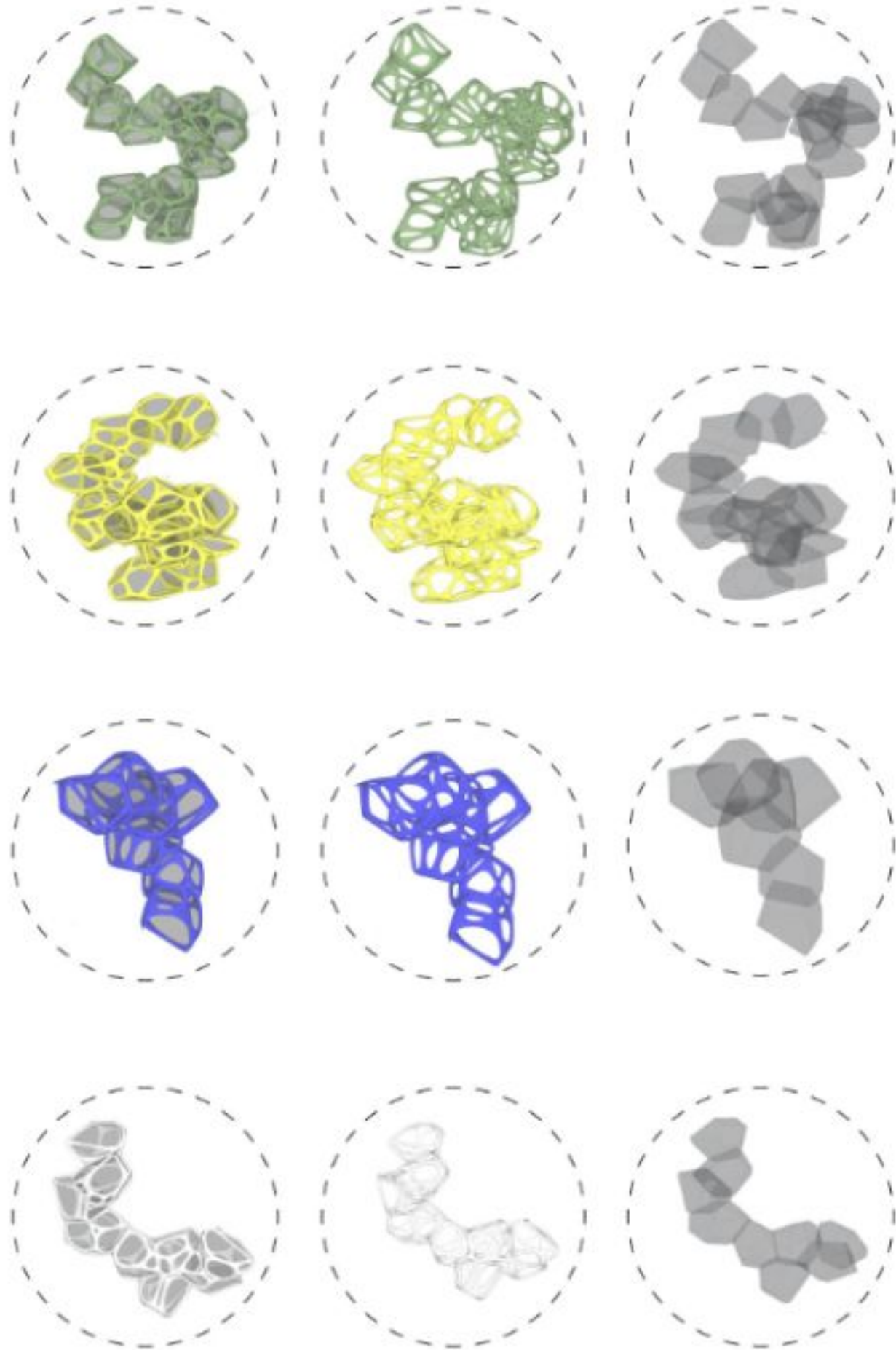
The use of ramps and stairs to ensure seamless accessibility without disrupting the existing structure

A pedestrian-friendly landscaped area full of social spaces

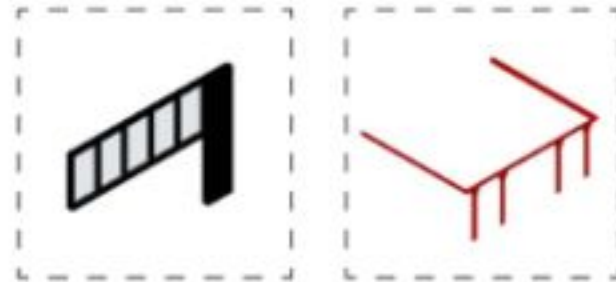
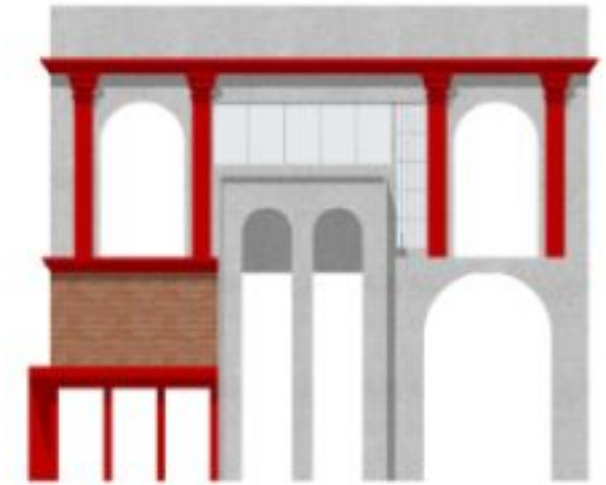
The interventions were carried out at several interconnected points, thereby creating a continuous flow of activity within the area

The facade of this building is divided into two parts. The first is a repetition of the colonial-era building's facade, designed to address the site's elevation, which is 2 meters lower than the street. The second is the use of a Voronoi facade, which serves as a shell for the building. This element makes the building more visually appealing and creates a sense of contrast in the adaptive reuse project.

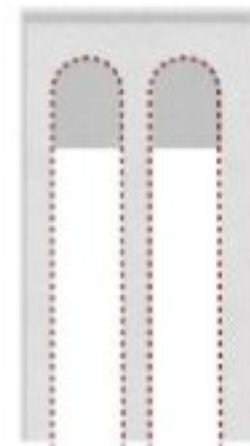
Voronoi



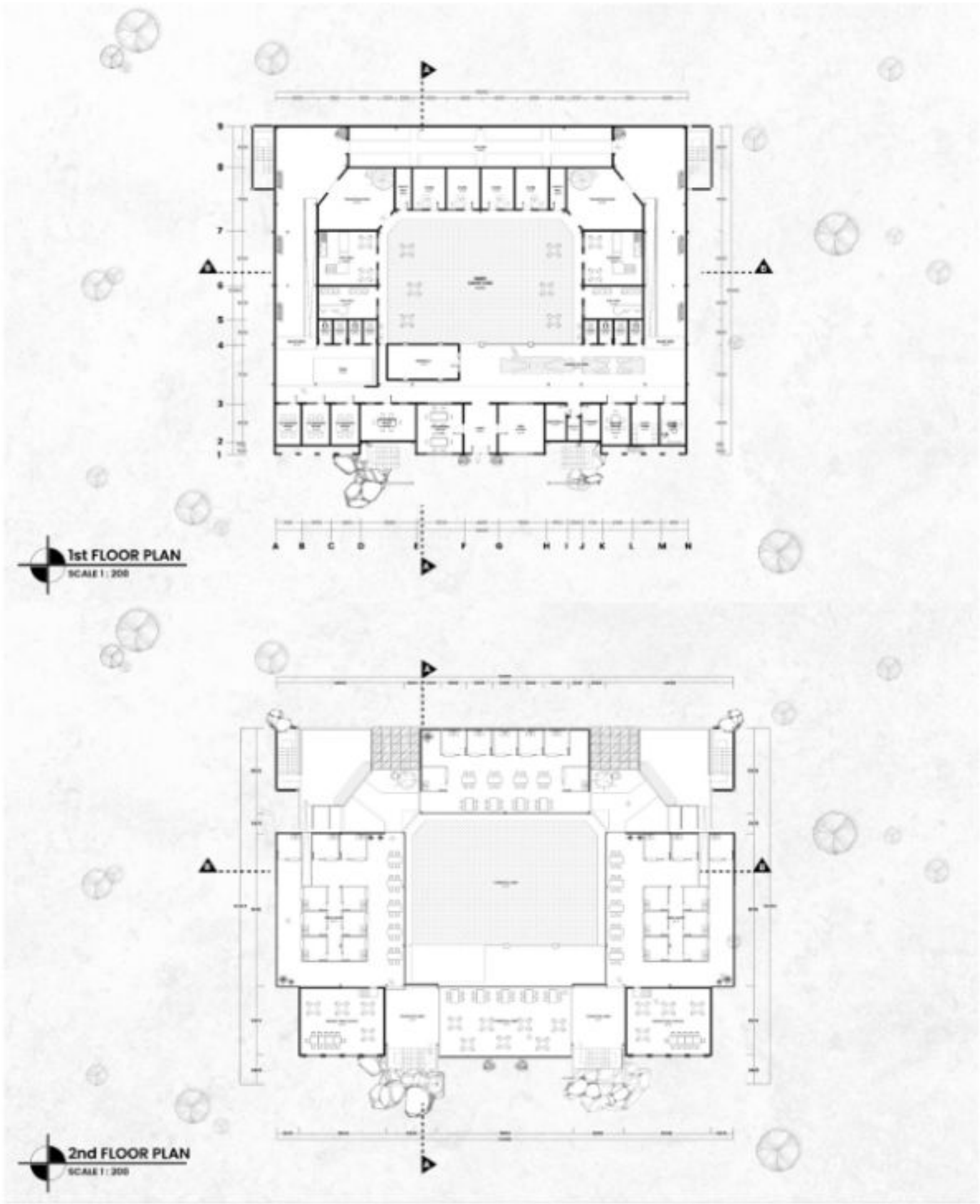
Repeated



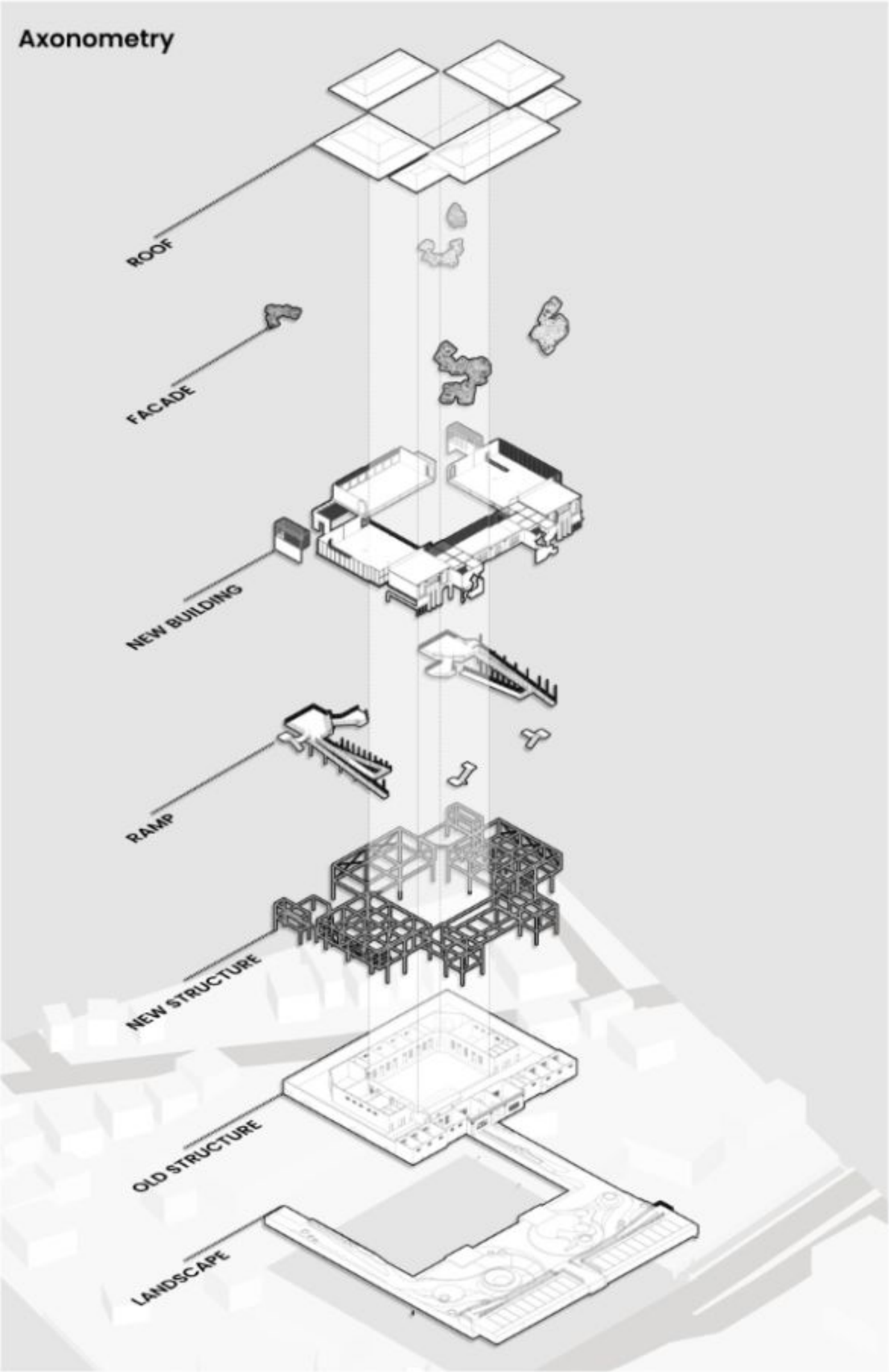
Arch



Floor Plan



Axonometry



MOCALICS ISLAND

Japan

What If ?

There is no more land because the raging sea covers the entire surface of the earth? That way, the ecosystem will be dominated by fish, and humans will only be able to utilize fish. In this way, steps must be taken to foster a good and mutually beneficial symbiosis.

Software used:

Modelling: Sketchup

Diagram: Canva

Render: D5 Render + Endscape +AI

Post Production: Canva

Honorable Mention at AILCD International
Competition

Credit :

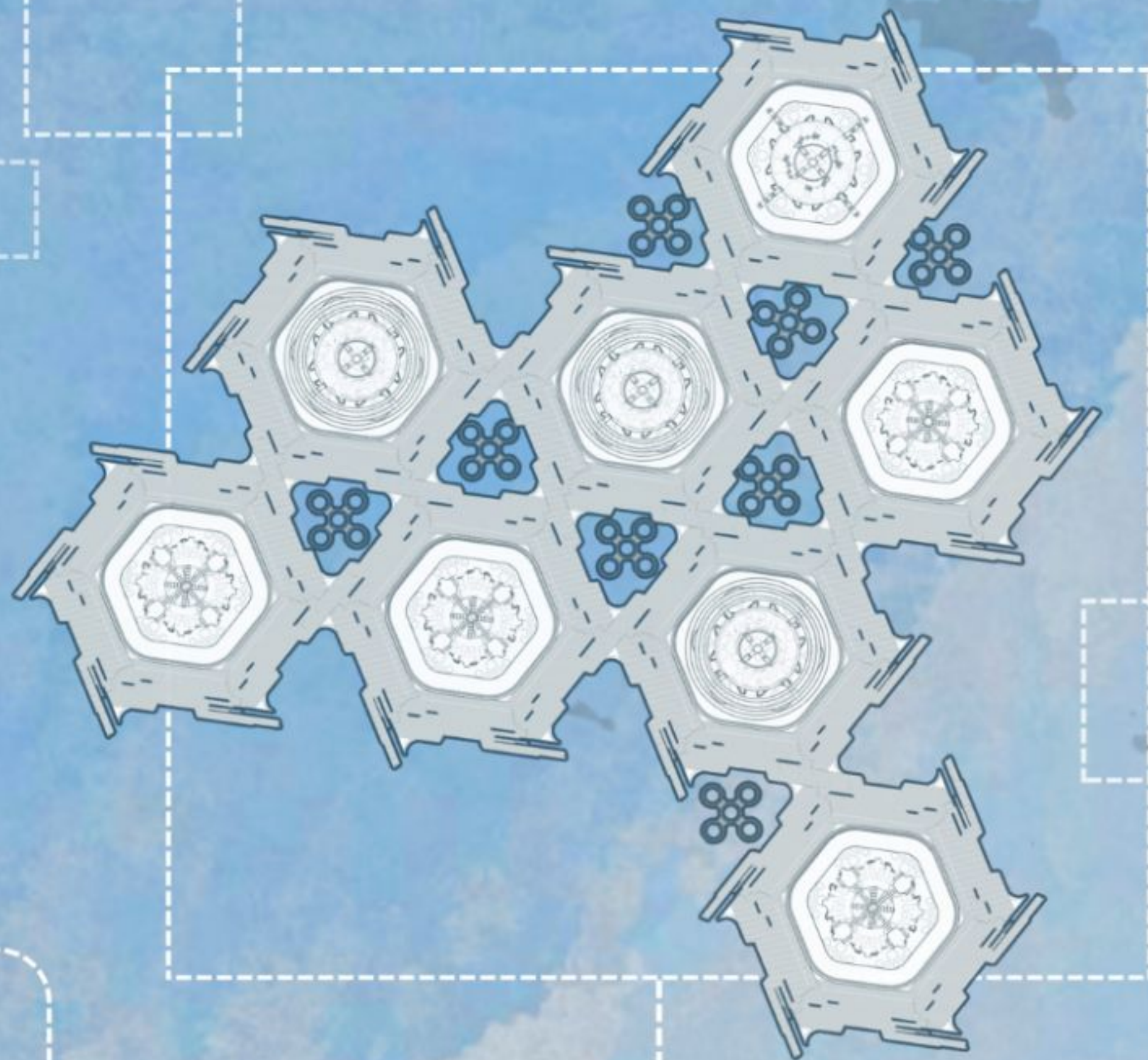
Muhammad Hawari Sajidullah

Adli Shiedieq Hanif Ibrahim



SITE PLAN

KITAKYUSHU, JAPAN



HIBIKINADA OFF-SHORE

Background

"When every shore vanished beneath the rising tides and ocean guardians reclaimed the depths, humanity forged its utopia upon the waves living in harmony with the sea and forever indebted to its boundless embrace."

Concept

The sea teaches a dance of survival, gather or perish. Humans learn the choreography, then rewrite it on land, in honest materials, as resistance against hunters who evolved from the same wave.

Architecture creates artificial ecosystems that can grow harmoniously, fulfilling all needs from housing to food.

Modularity adapts to the sea by returning resources back to the ocean

Time

- 2025 ● Disturbances in the stability of the ice sheet (large cracks, lubricating meltwater) trigger underwater glacial avalanches.
- 2100 ● Giant ice slides into the sea create waves and melt more ice layers in a chain reaction.
- 2125 ● After several colossal events, most of the polar ice caps collapsed; sea levels rose rapidly within a few decades.

Symbiosis (Human & Ocean)

Ecological Balance

Harmony between marine ecosystems and human activities

A Productive Future Life

A Thriving and sustainable life for people and the ocean

Sustainability

Practices that ensure marine resources are available for future generations

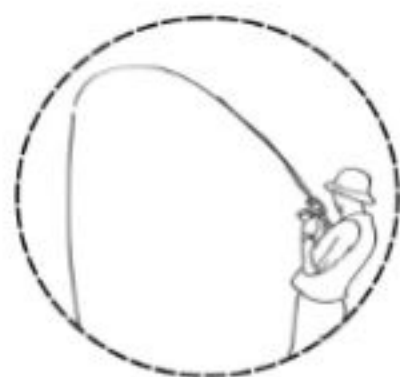
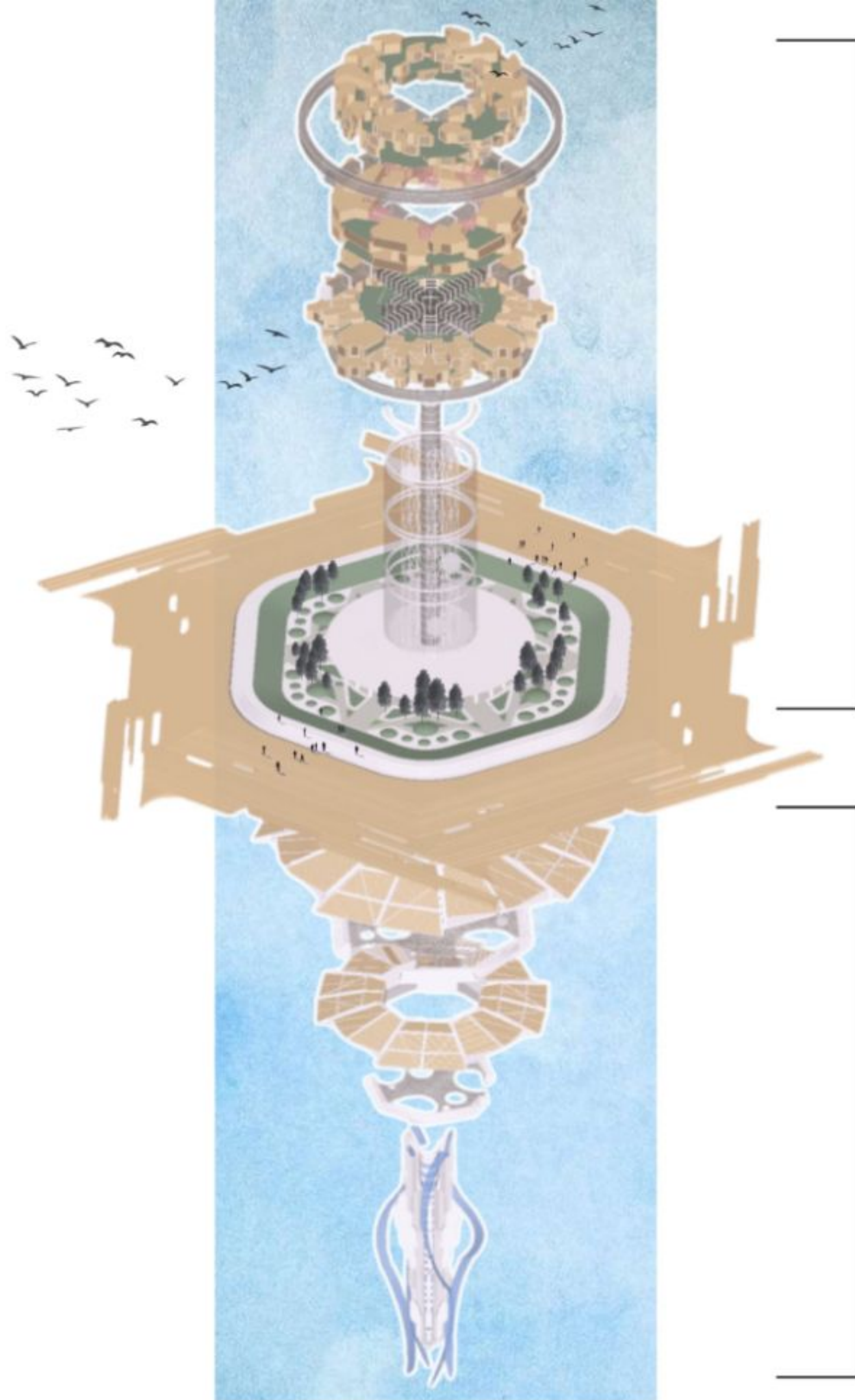
Respect and Preservation

Recognizing the intrinsic value of the oceans and protecting them

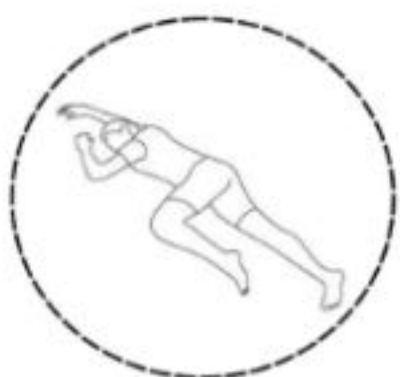
Relationship

The mutually beneficial relationship between humans and the oceans





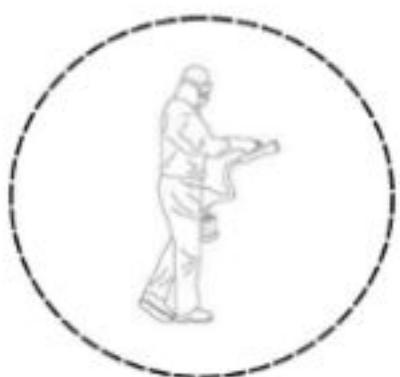
WORKING



LIVING



SCIENCE



ENERGY



Modularity



MODULE 01



MODULE 02



MODULE 03



HOUSING MODULE



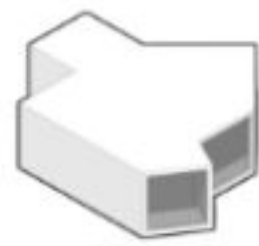
PUBLIC SPACE

Housing Floor Module Plan

The layout of the units is designed for horizontal growth, supported by a strategically integrated opening system to maximize natural ventilation and passive thermal comfort.



HALL & LAB



OFFICE



INDUSTRY MODULE



PUBLIC SPACE



CORRIDOR

Industry Floor Module Plan

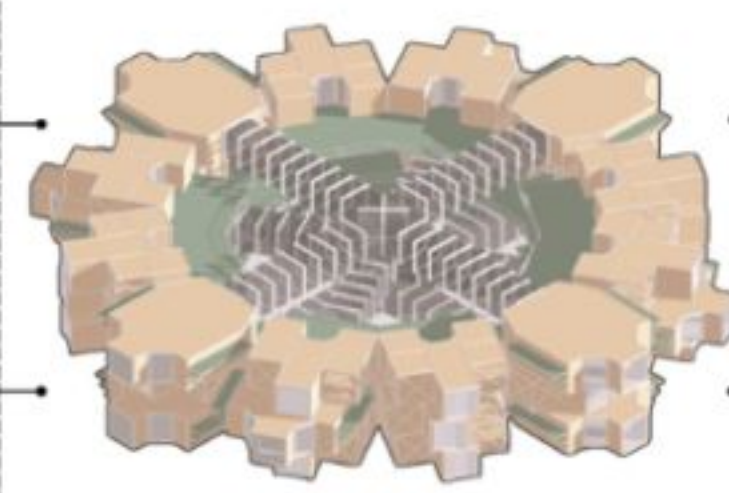
layout integrates recycling tech and structural development, utilizing precise zoning to ensure seamless, high-efficiency modular operations.*



OFFICE & STORAGE



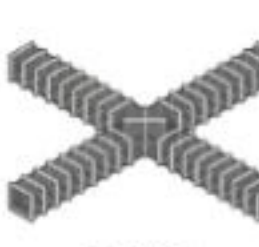
ANIMAL CAGE



FARM MODULE



GARDEN



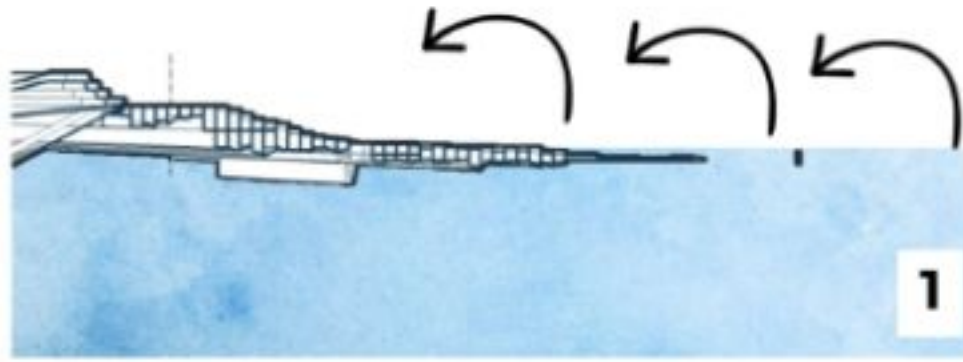
TUNEL

Farming Floor Module Plan

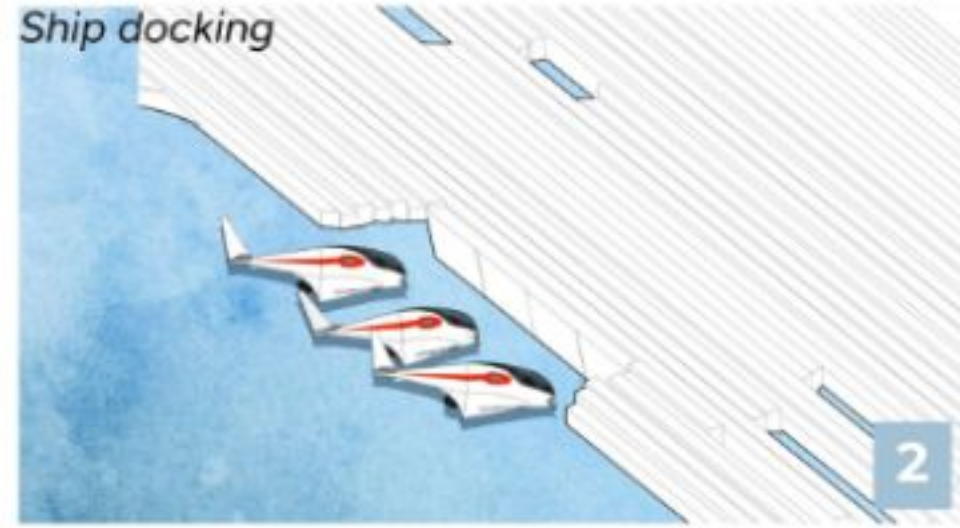
Farming Area combines technology and spatial efficiency, creating a self-sufficient food production center that maximizes agricultural output in a closed ecosystem.

Technology

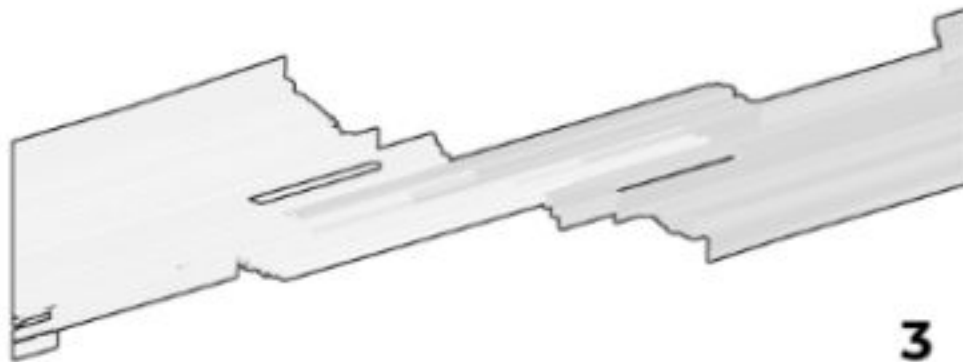
Wave energy collector



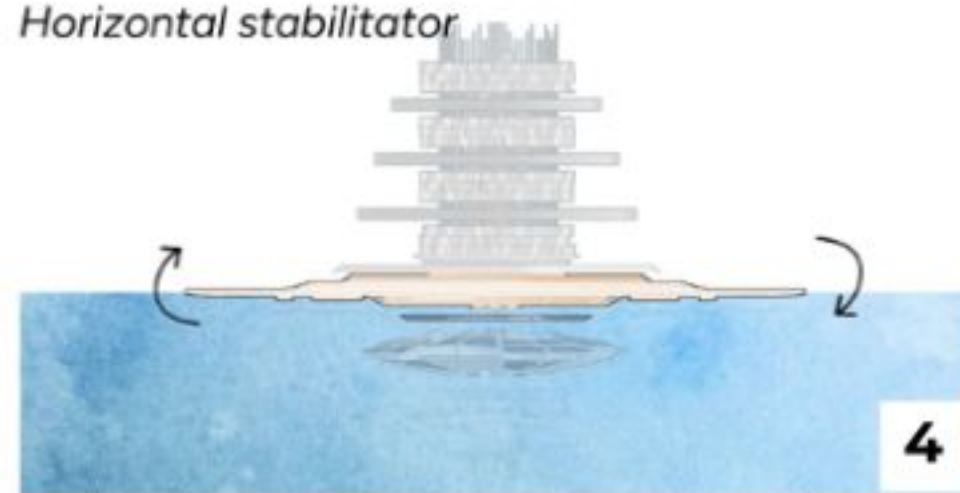
Ship docking



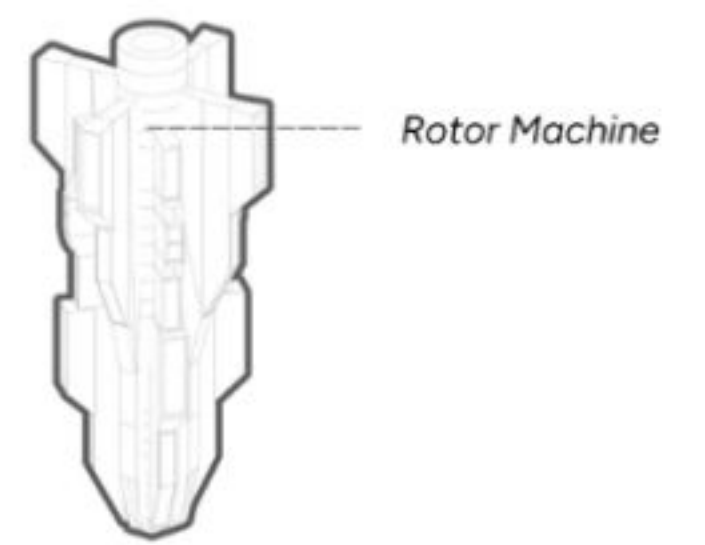
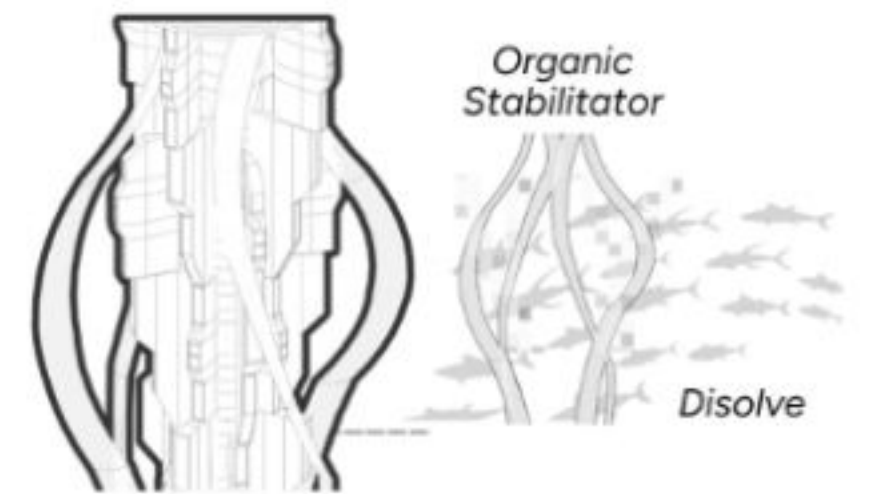
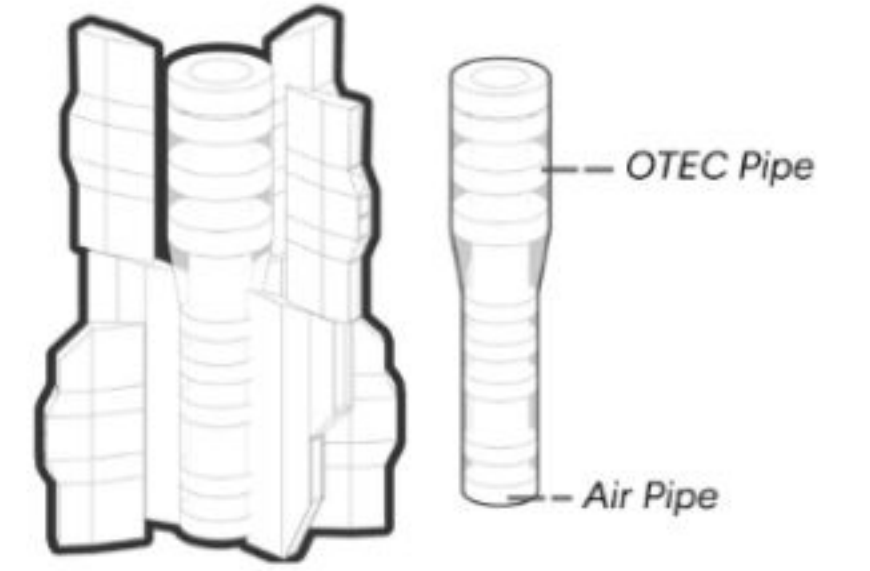
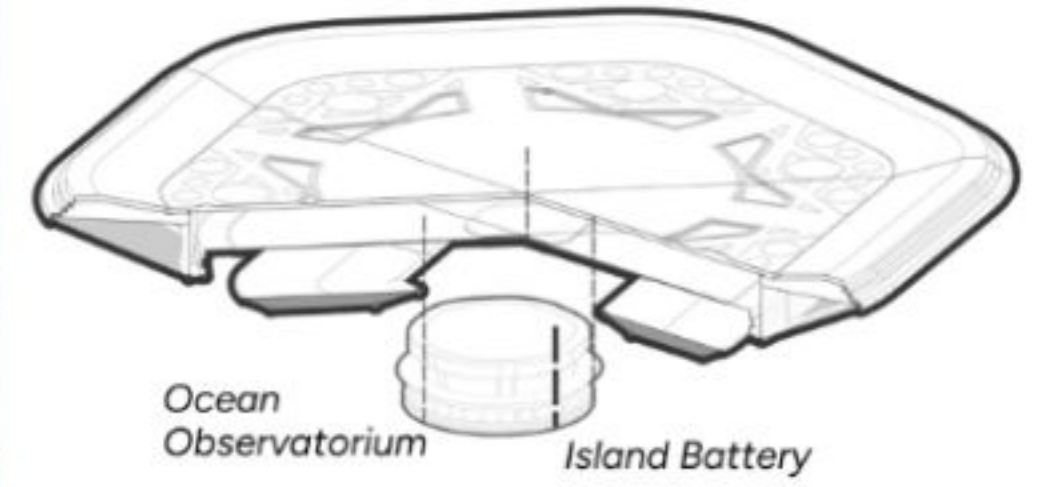
Island connector



Horizontal stabilizer



Standing as a cathedral of life in the middle of the ocean, this structure unites two worlds. Above the surface, it is a refuge from the attacks of sea creatures. Below the surface, it works in majestic silence harvesting the power of the waves, stabilizing itself from the fury of the ocean, and in its final act of sacrifice, it slowly dissolves, offering nutrients to marine life, ensuring that life continues to flourish from nothingness. The connector Enable the development of island expansion not only horizontally but also vertically. The gap created by the frame on the island is used for the development of the fishing industry as a major food supplier. Modulation areas on islands form areas to support fisheries as the main food supplier at this time.



Below the Sea

VERDANT FLOW ECOPARK

Lampung

"Verdant" means lush green, while "flow" signifies sustainability and natural movement. This concept of sustainable architecture serves as a key solution for creating spaces that are environmentally friendly, energy-efficient, and in harmony with nature.

Software used:

Modelling: Sketchup
Diagram: Canva
Render: D5 Render
Post Production: Canva

National Architectural Competition
Credit :
Muhammad Hawari Sajidullah
Rina Dwi Pramesti
Elgan Febry Tridharma



Background

There is a lack of recreational spaces on campus, so adequate facilities are needed so that students can enjoy fresh air in a new setting.



Public Spaces



Museum



Toilet

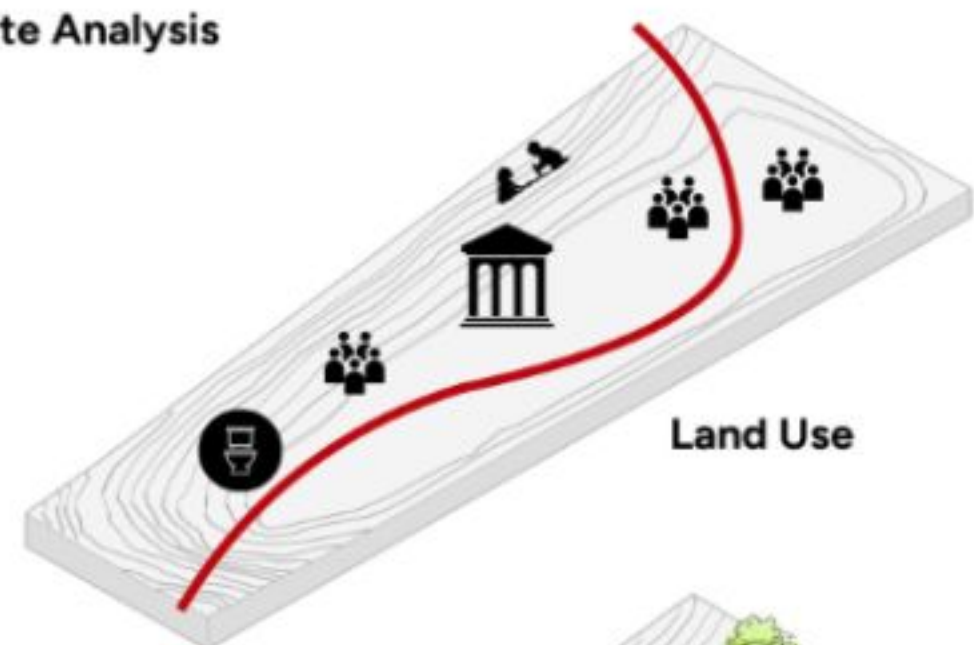


Nature

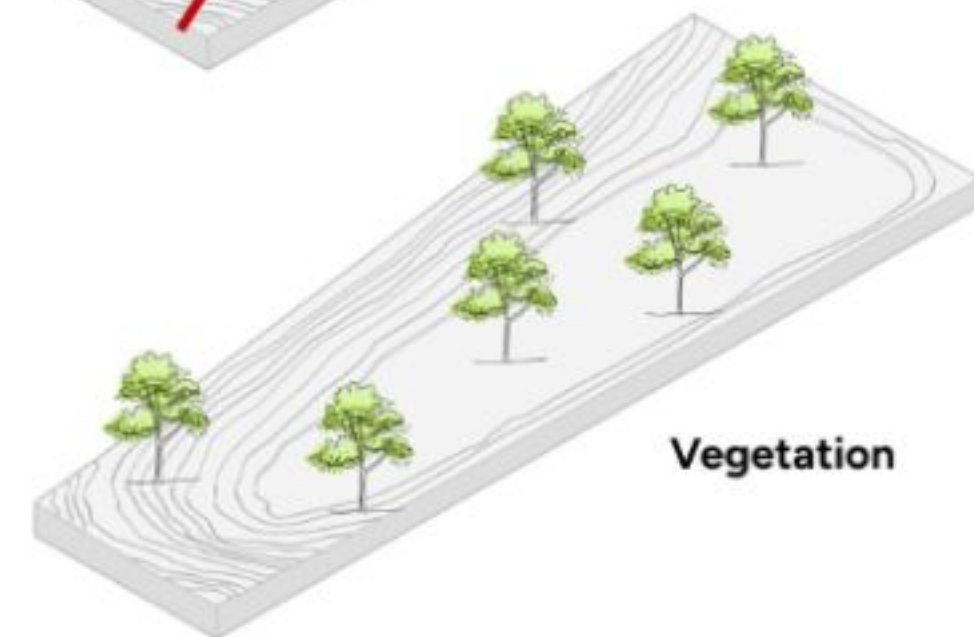


Path

Site Analysis



Land Use



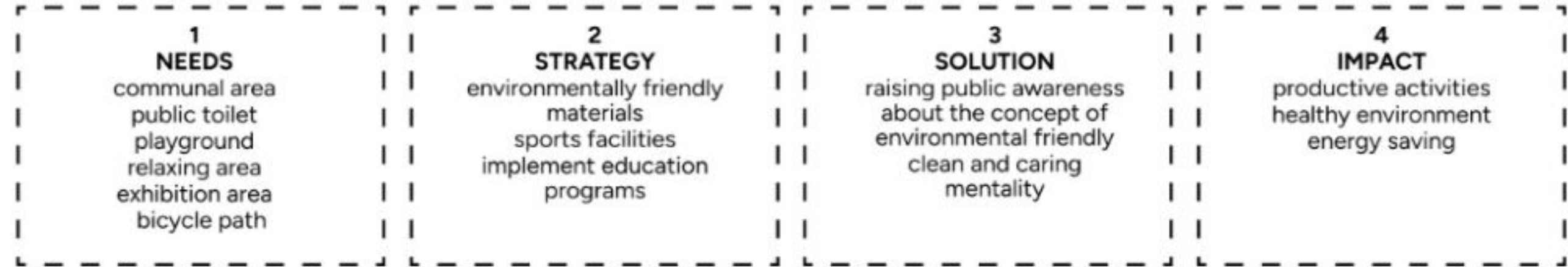
Vegetation

Open spaces serve as gathering places integrated with the “forest campus” concept and grounded in the principles of sustainability across environmental, economic, and social dimensions. With a forward-looking perspective, the “Nature Meets Innovation” theme blends nature and modern technology through a biomimicry approach, the use of natural and smart materials, and energy-efficient building systems to create innovative, adaptive, and sustainable spaces.





Design Approach Process



User Target



Design Consideration



Disability



Informative



Safety



Environment



Sustainable

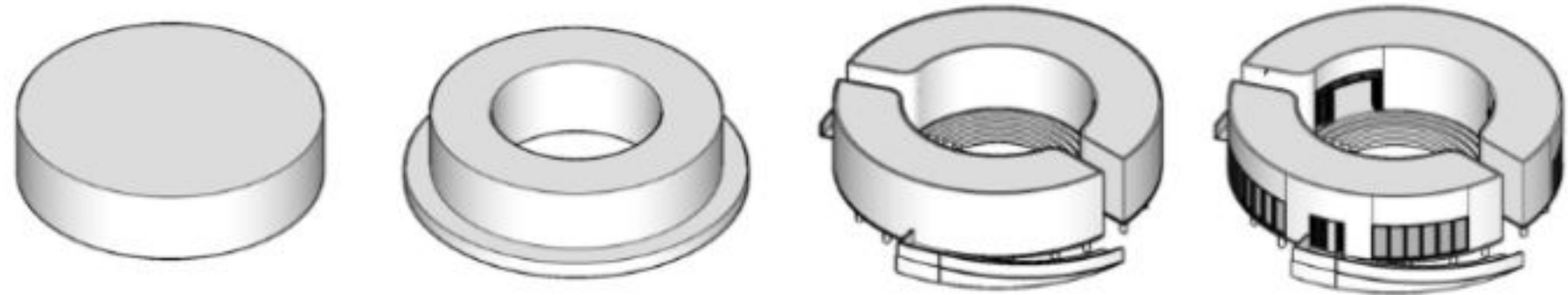


Functional



Energy

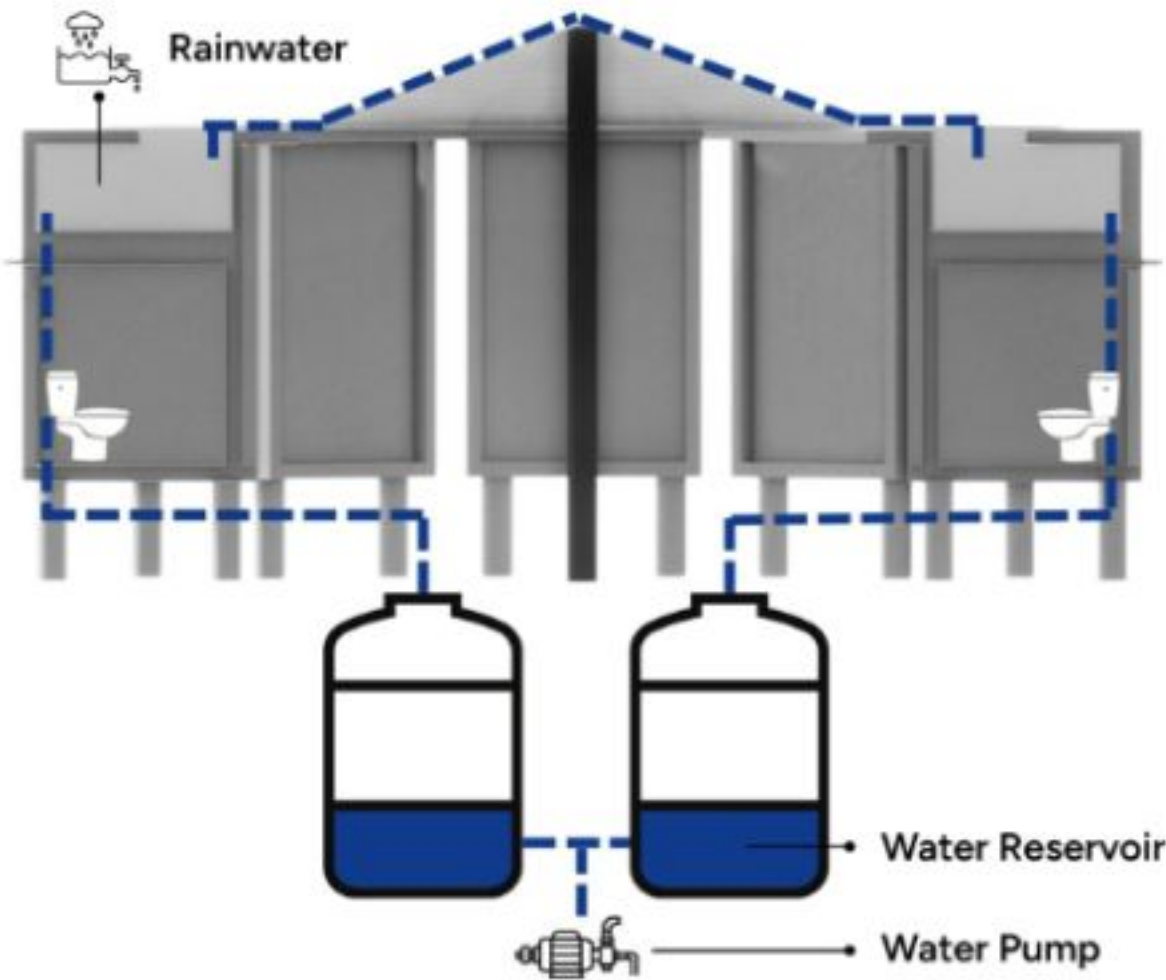
Museum



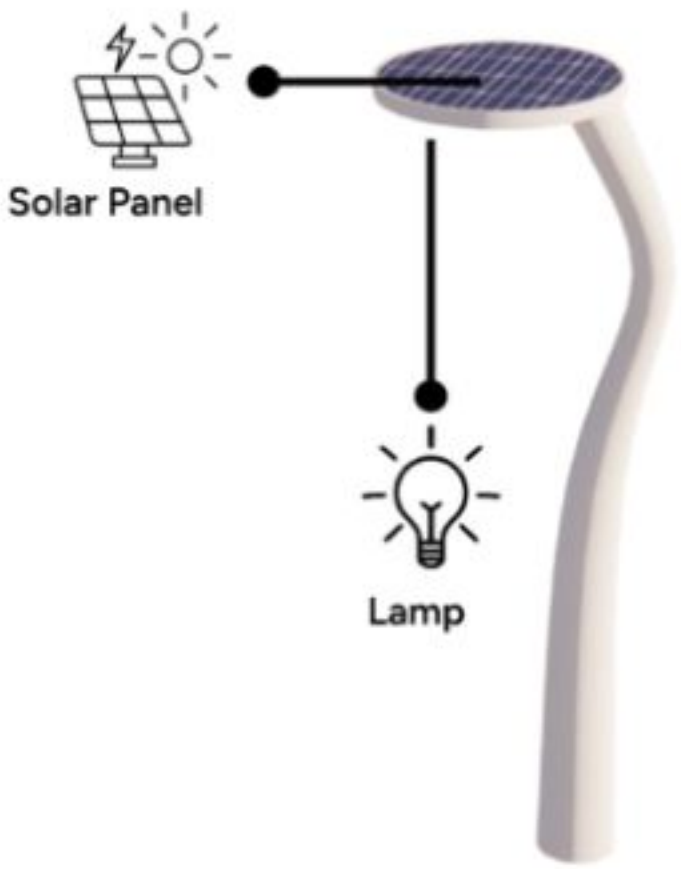
Mass Transformation

The museum is located in the lush Verdant Flow Ecopark. Designed with an eco-friendly concept, the museum building combines modern and natural architectural elements, such as walls made of recycled wood and a roof surrounded by shade trees. Inside, visitors can find various interactive installations, information panels, and exhibition spaces that showcase the life cycle of plants, their ecological benefits, and the vital role of vegetation in maintaining environmental balance. The museum aims to be a center of education and inspiration about the importance of plant conservation, especially for children and families visiting Verdant Flow Ecopark.

Sustainable Development



Rainwater Collected on the roof will be filtered and stored for use as toilet flush water, which will be channeled to the toilet through a pipe. The water in the tank is used for toilet bidet and also as a reserve during the dry season, so that the toilet never runs out of water



Outdoor lighting that uses solar energy as its primary power source. These lights are equipped with solar panels to absorb sunlight during the day, store it in a battery, and automatically turn on at night.



AT-TAWAKKUL MOSQUE

Lampung

This mosque carries a minimalist and futuristic concept. It is supported by a folding structure that also functions as the building's facade, creating a grand impression. The MONUMENTAL concept that can be felt in this mosque makes it even more pleasing to the eye. Building a mosque that is comfortable and safe for its users requires consideration of all important issues and aspects. Creating a space that is both functional and serves its intended purpose.

Software used:

Modelling: Sketchup
Diagram: Canva
Render: D5 Render
Post Production: Canva

Academic Project





Background

In designing a mosque that appears closed, we invite intimacy and peace into the worship space. This concept emphasizes the creation of a calm atmosphere, where light enters only sparingly, creating a deep sense of sacredness. The sturdy walls and small windows not only serve as a barrier from the outside world, but also as a reminder of the importance of focus and concentration in worship. This mosque carries a minimalist and futuristic concept. It is supported by a folding structure that also functions as the building's facade, creating an impressive look. The **MONUMENTAL** concept that can be felt in this mosque makes it even more pleasing to the eye.

Site Location

The site is located in the ITERA campus area in Lampung. The site is strategically located, close to the ITERA Kota Baru toll gate and near the main road of Ryachudu. Being located in the campus area, there are many students in the vicinity of the mosque.

Mass Transformation

This mass transformation began with a complete isosceles triangle, then each corner was cut off and the isosceles area was turned into a beautiful curve.



Form 1



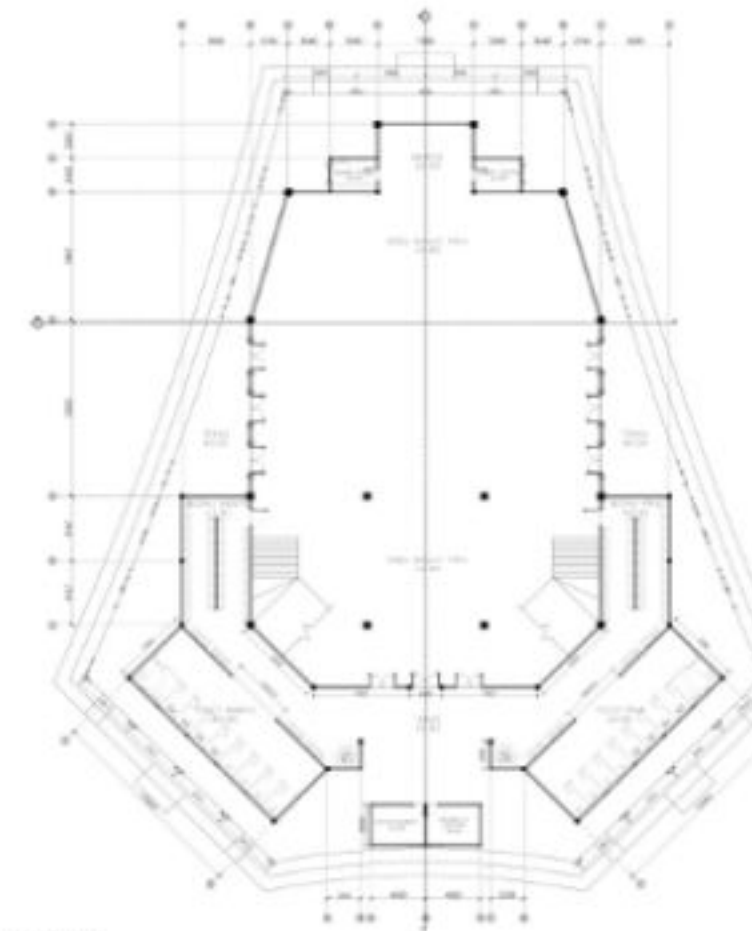
Form 2



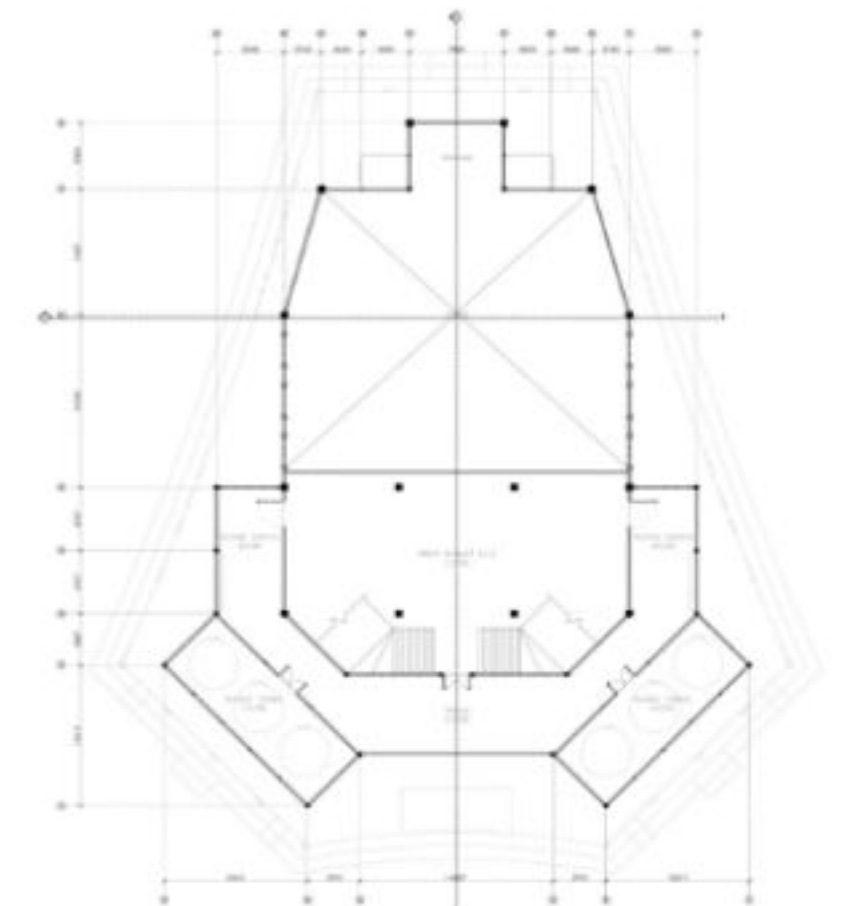
Form 3



Floor Plan

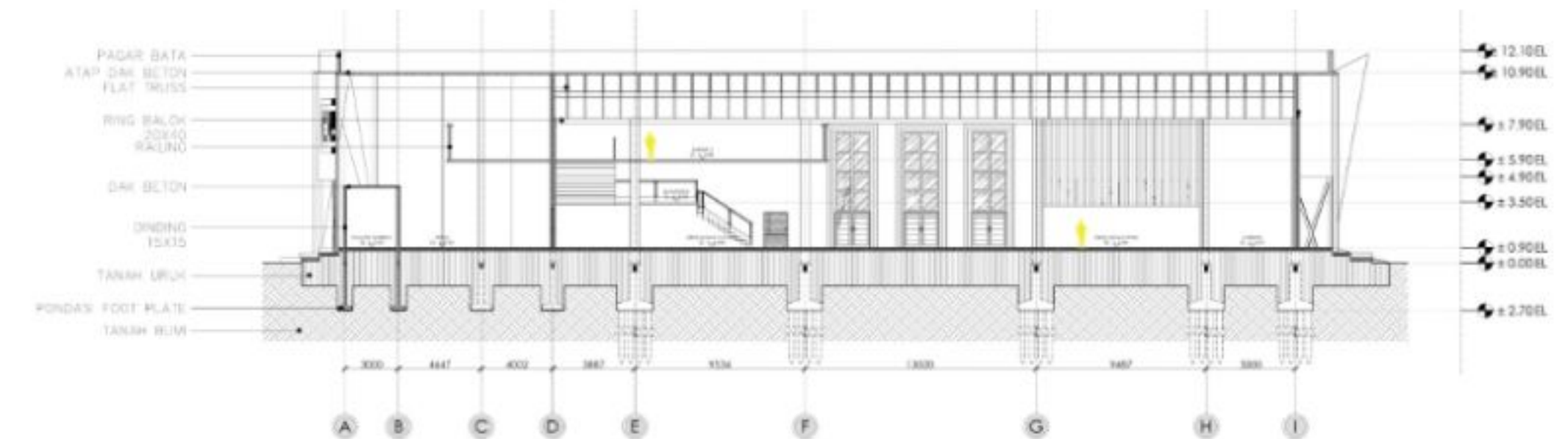


DENAH LT.1 MASJID
SKALA 1:200



DENAH LT.2 MASJID
SKALA 1:200

Section

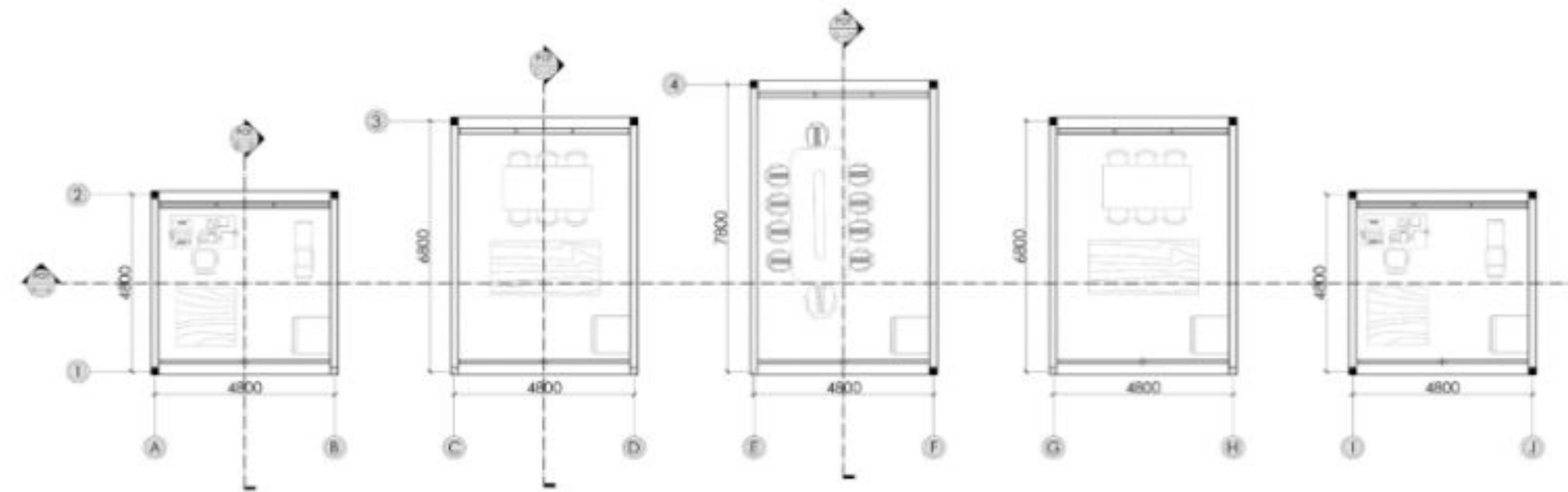


SECTION A-A

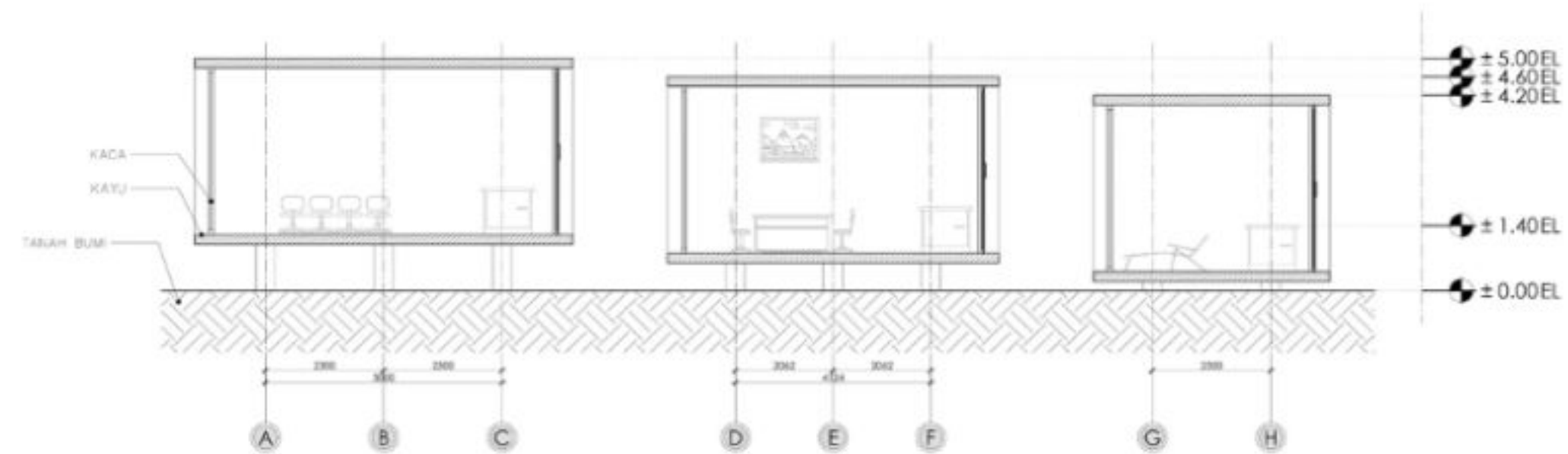


Co Working Spaces

Co-working spaces are places for students to work, do assignments, or even hold discussions. These spaces offer two types of rooms: individual and group. The rooms are designed to be soundproof and quiet to improve focus.



Floor Plan



Section



The Grand Axis

Lampung

The need for housing that can respond to the challenges of modern life, especially in dense and dynamic urban environments. Today's urban communities require living spaces that are not only functional but also provide comfort, aesthetics, and support a healthy and efficient lifestyle. Thus, the concept behind this design is based on the desire to provide housing solutions that are adaptable to the needs of the times, while also adding value for its residents and the surrounding environment.

Software used:

Modelling: Sketchup
Diagram: Canva
Render: D5 Render
Post Production: Canva

Academic Project

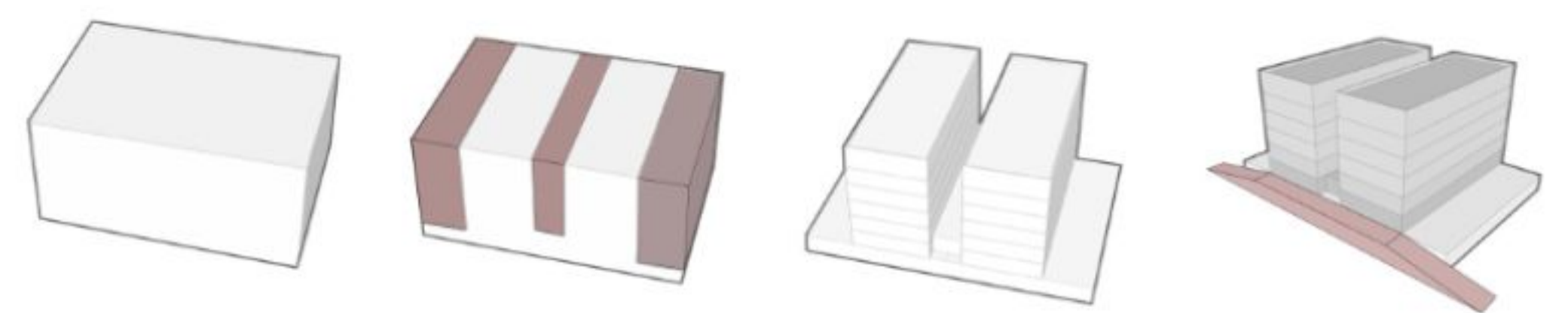


The PKOR Lampung area is a venue for sporting events and UMKM, which causes traffic congestion due to density and ineffective road circulation, as well as poor road conditions. In addition, this area lacks facilities such as accommodation and rest areas, so comprehensive planning and improvements are needed to improve the quality of the area.



Form Transformation

The initial shape was rectangular, then interventions were made on three sides: left, right, and center. After that, a ramp was added to the front of the building.

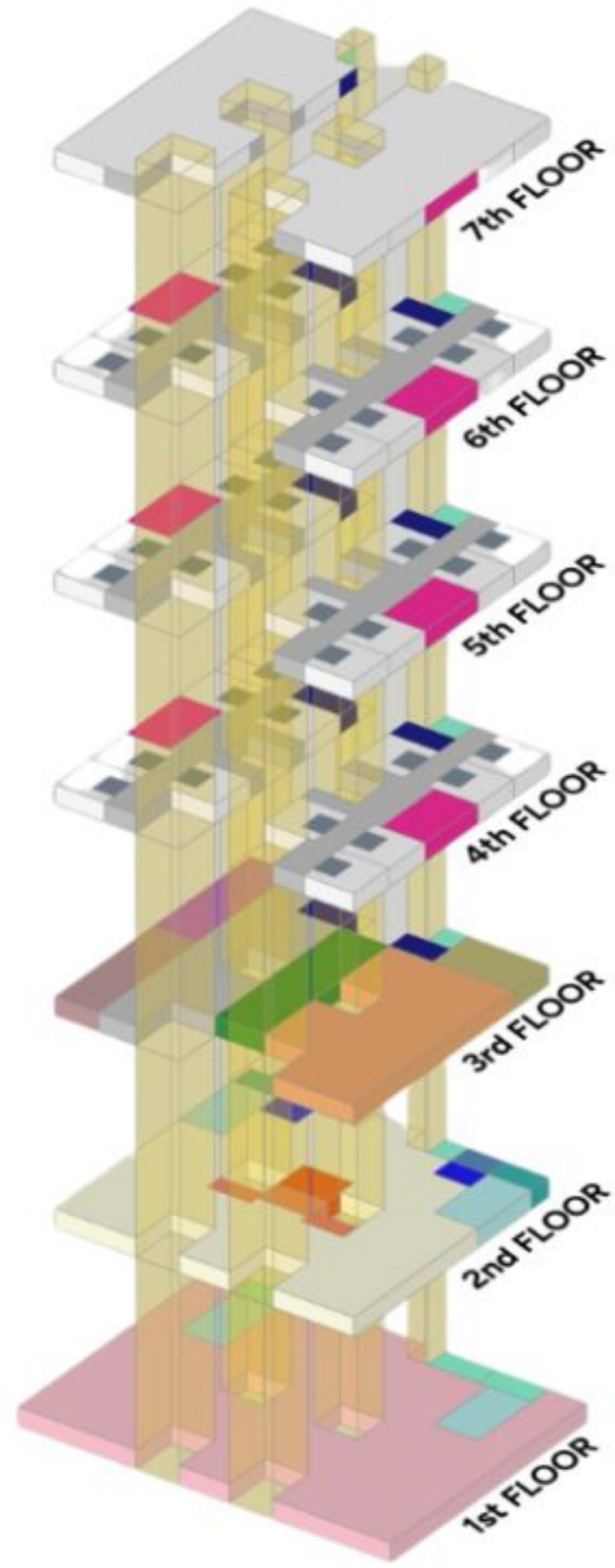


The rectangular shape is used for reasons of space efficiency, ease of production, structural stability, and storage optimization. This shape maximizes the use of space without wasted space, is easy to stack, and minimizes material waste during production, making it an economical choice.

Bedroom Plan



Zoning Axonometri

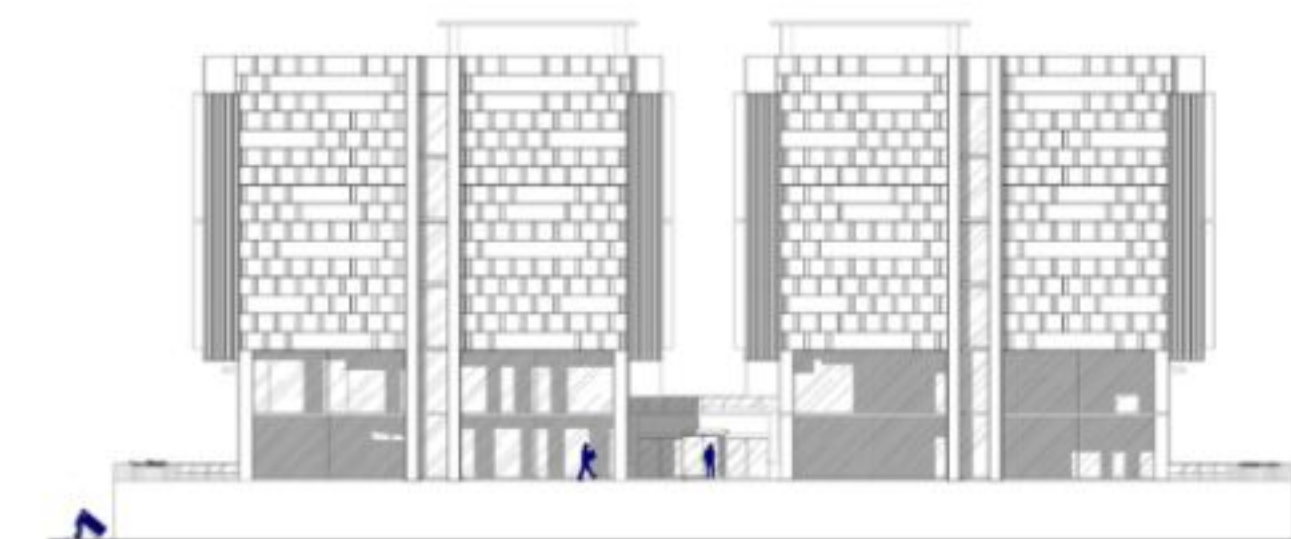


Legend :

- 07 ROOFTOP**
 - rooftop
 - vertical circulation
- 4-6 FLOOR**
 - corridor
 - meeting room
 - bathroom
 - transition room
 - storage room
 - vertical circulation
- 3 FLOOR**
 - kitchen area
 - restaurant & lounge
 - mini garden
 - hall room
 - gym, yoga, pilates
 - corridor
 - transition room
 - storage room
 - vertical circulation
- 2 FLOOR**
 - enginer room
 - panel room
 - staff loker
 - public toilet
 - lobby hotel
 - staff meeting room
 - receptionist
 - transition room
 - storage room
 - vertical circulation
- 1 FLOOR**
 - umkm area
 - vertical circulation
 - public toilet
 - transition room
 - panel room

User Needed

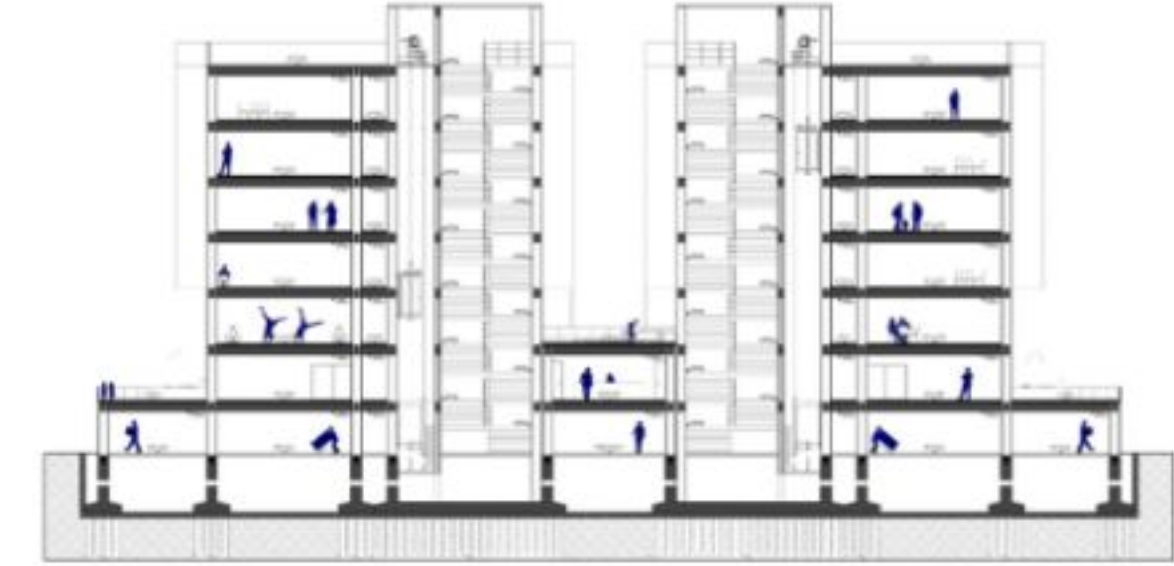




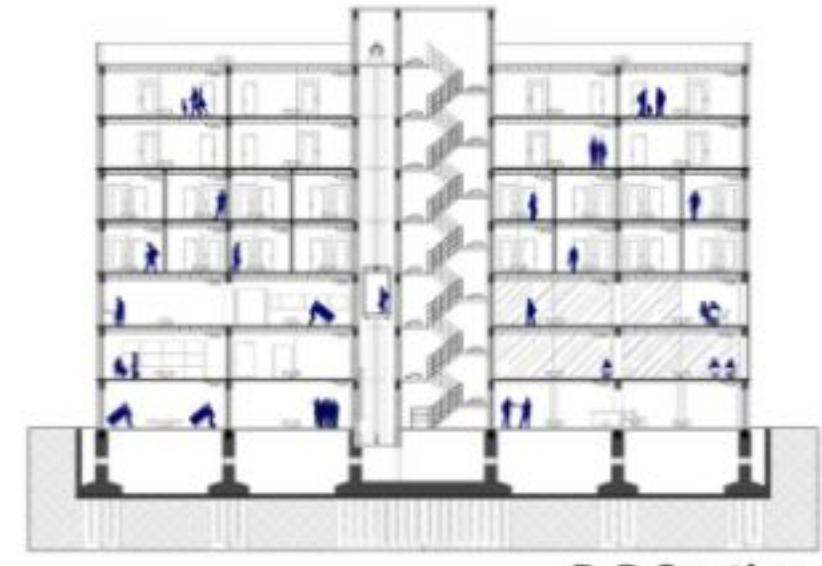
Front View



Side View



A-A Section



B-B Section



OTHERS PROJECT

This section features several projects I worked on during my internship at PT. Majumapan Banguindo and some of my freelance projects while I was in college. These projects represent a process of further development.

Software used:

Modelling: Sketchup

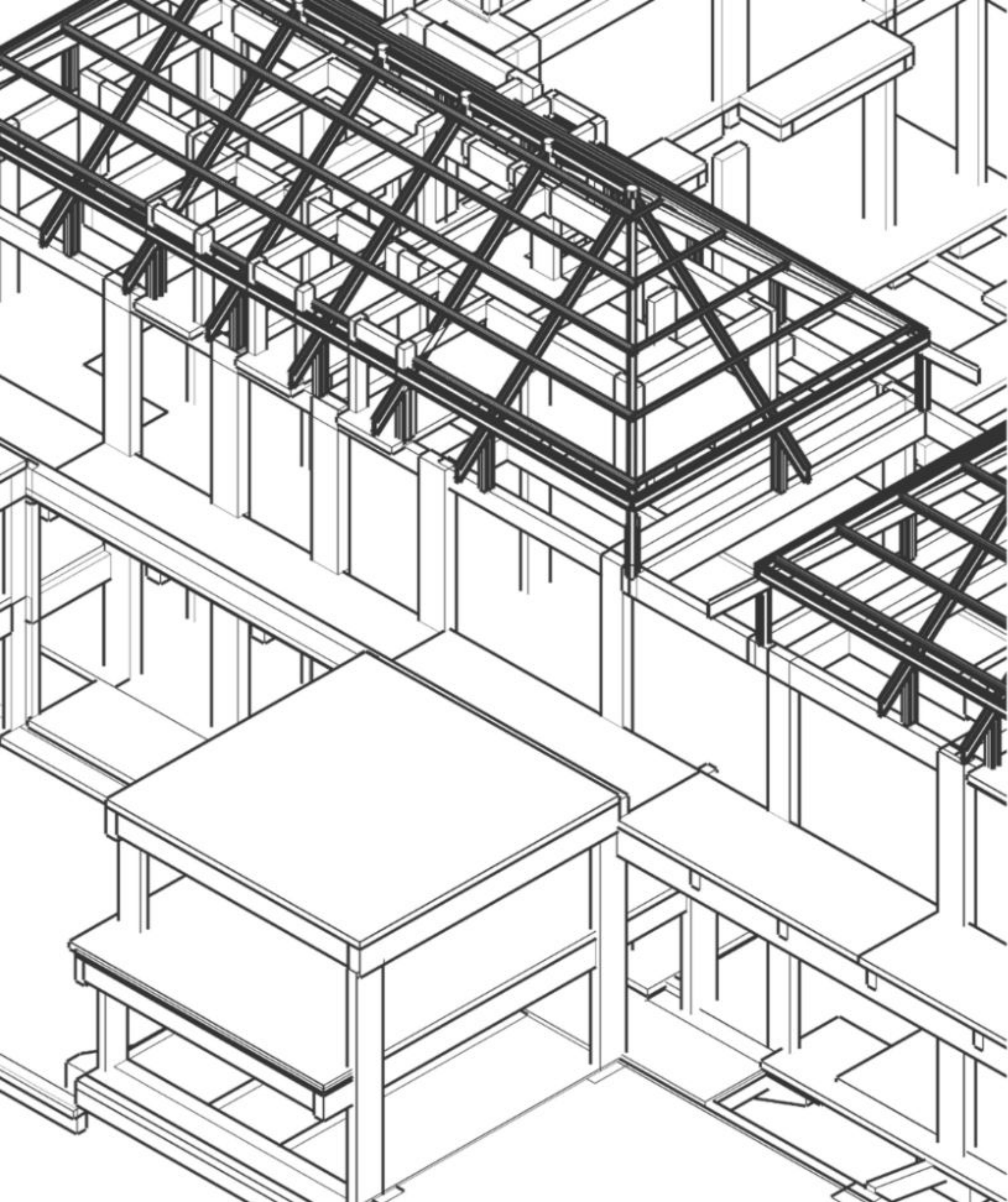
Diagram: -

Render: -

Post Production: -

Internship & Freelance Project



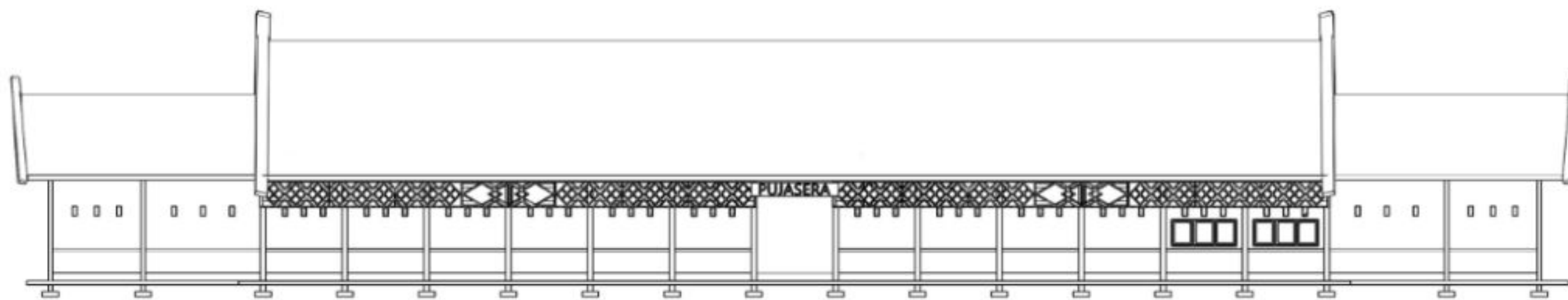


Bukit Pratama House | *Internship Project*

Location : Lebak Bulus

Credit : Sajid, Rina, Elgan

As a 3D Detail Modeler



Back View



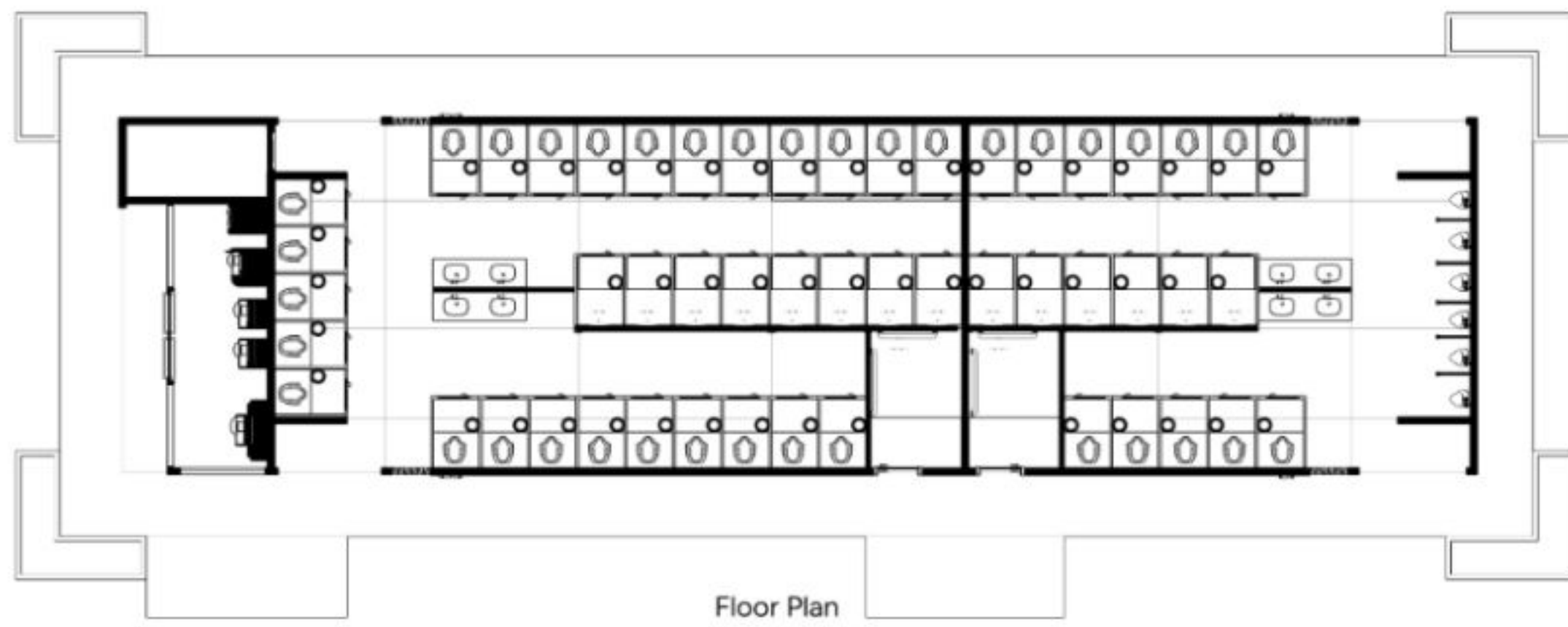
Right view



Left View

Canteen | *Freelance Project*
Location : Rest Area Rantau Prapat

As a 3D Detail Modeler



Public Toilet | Freelance Project
Location : Rest Area Rantau Prapat

As a 3D Detail Modeler



PORT OF OL IO.



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