

Joena Salsabila's  
Architecture

# PORTFOLIO

2024-2025  
Selected Works

About



## **Joena Salsabila Subrata**

Final-Year Interior Architecture Student

Aspiring interior architecture student with a growing foundation in conceptual thinking, spatial design, and design development. Passionate about interior design and furniture, continuously learning ways to shape thoughtful and immersive environments. Particularly interested in the strategic and creative processes behind shaping livable and well-crafted spaces. Combining academic and studio-based experiences with a thoughtful approach to design.

## Curriculum Vitae

2 August 2004

South Tangerang, Banten

+62 81221726606

jsssubrata@gmail.com

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## Education

**Bachelor of Interior Architecture (S.Ars)**

Faculty of Engineering, Universitas Indonesia

August 2022 - Present

**Highschool Diploma (MIPA)**

SMAN 2 Kota Tangerang Selatan

July 2019 - June 2022

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## Experience

**Head of Sponsorship**

Ekskursi Arsitektur UI 2025: Tana Toa

March 2025 - February 2026

**Head of Karya Baru Studio**

Temu Karya Mahasiswa Desain Interior Indonesia 2025

March 2025 - November 2025

**Senior Staff of Student Affair**

Ikatan Mahasiswa Arsitektur FTUI 2024

February - December 2024

**Staff of Sponsorship**

Ekskursi Arsitektur UI 2023: Tanah Karo

April 2023 - January 2024

**Staff of Student Affair**

Ikatan Mahasiswa Arsitektur FTUI 2023

February 2023 - February 2024

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## Skills

### Technical

SketchUp  
Rhinceros 3D  
AutoCAD  
D5 Render  
Enscape  
Adobe Illustrator  
Adobe Photoshop

### Soft

Responsible  
Adaptable  
Communicative  
Team Player  
Curious  
Critical Thinker  
Problem Solver

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## Languages

**Bahasa Indonesia**

Native

**English**

Professional





01

Still Moving Pt. 1

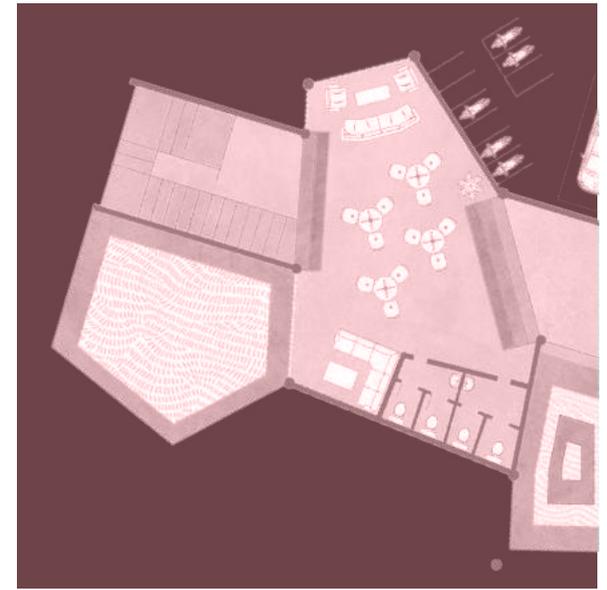
new building mass, building codes



02

Still Moving Pt. 2

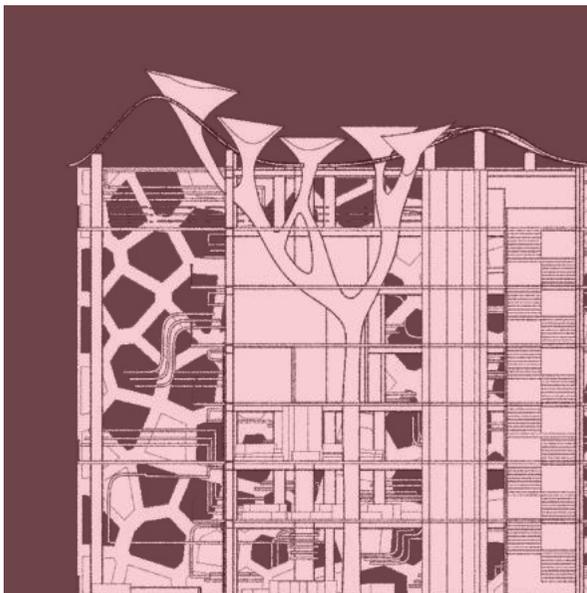
exhibition space, interior system



03

Sela Lima

sdg-based, urban scale



04

Glow in the Rain  
mid-rise building, performative



05

Arom(atticc)  
domestic interior, lighting



06

Other Works  
furniture design projects

# Still Moving Pt. 1

## New Building Mass

Building Codes

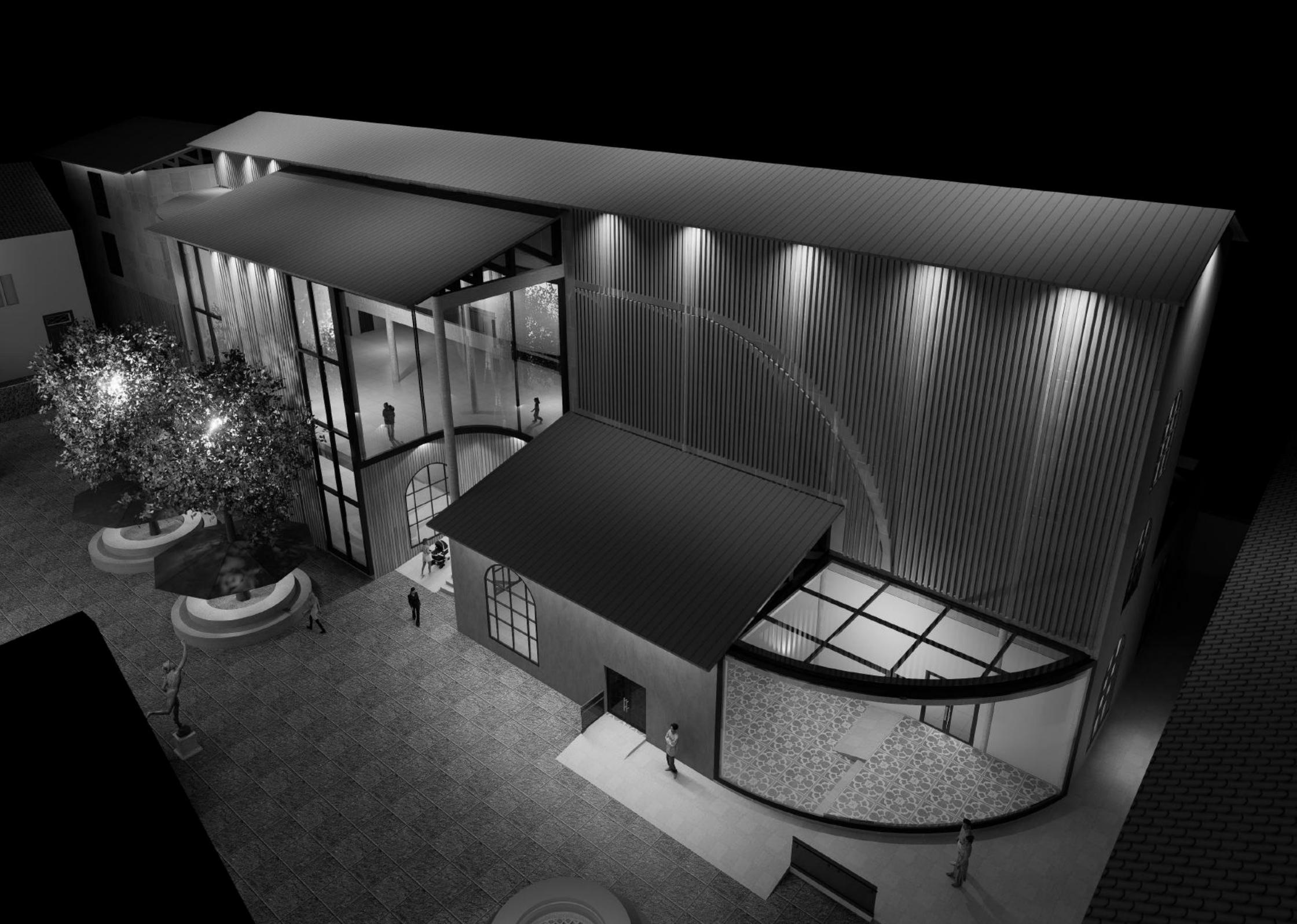
Historical Museum

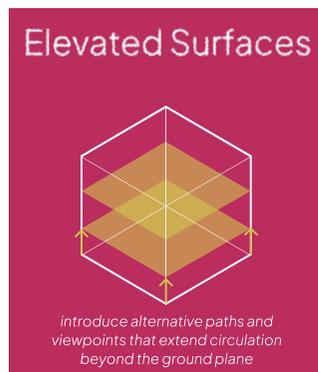
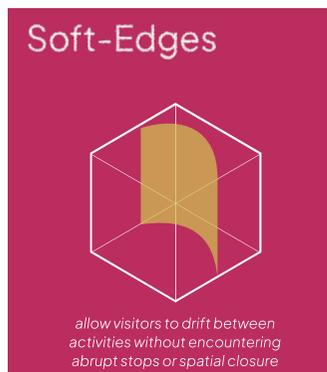
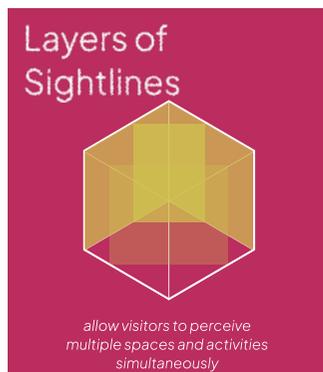
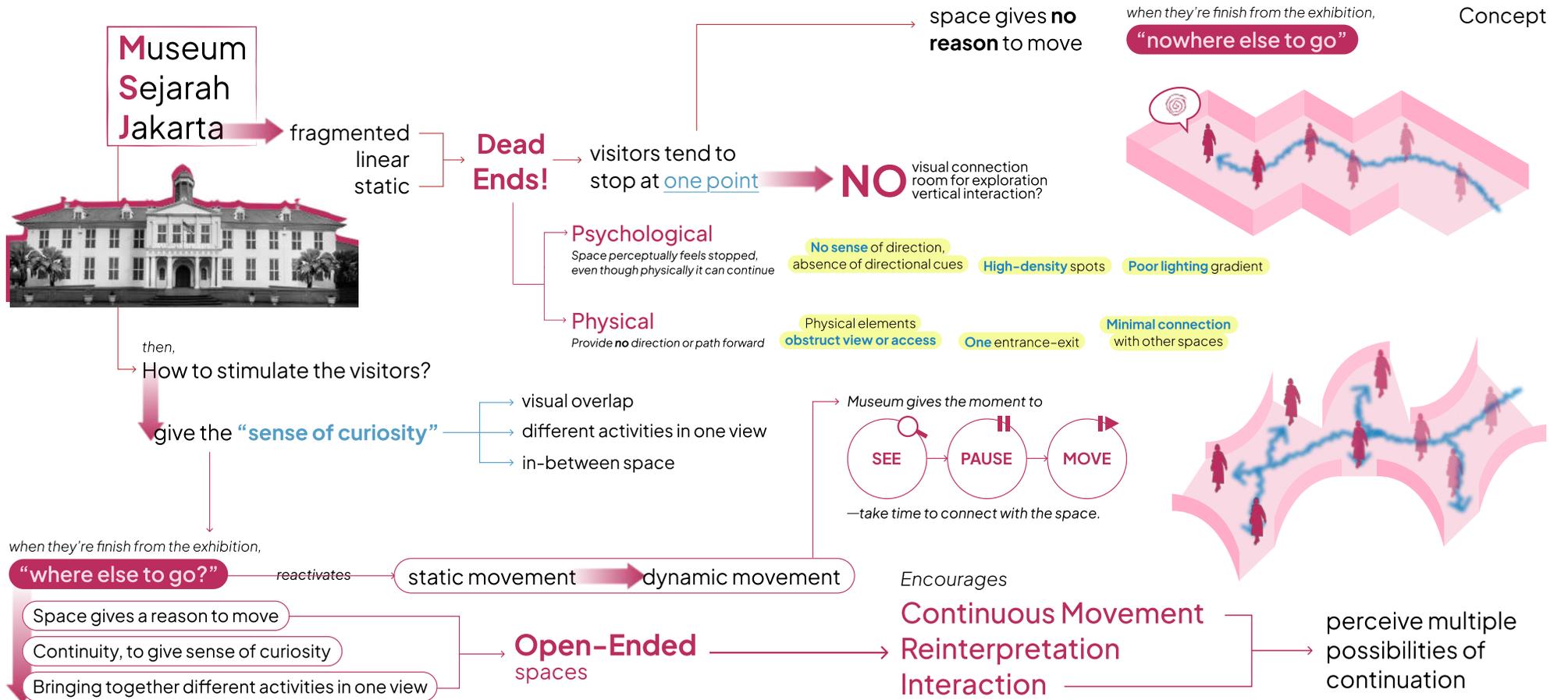
Kota Tua, West Jakarta

2025

This project repositions the museum as a device of liberation by reworking how space is experienced, from confinement toward continuity. Rather than altering the fixed narrative of the existing historic building, the intervention introduces a new spatial layer that addresses the museum's tendency toward isolated rooms and dead ends. The project focuses on transforming moments of spatial stagnation into opportunities for ongoing movement, visual awareness, and exploration.

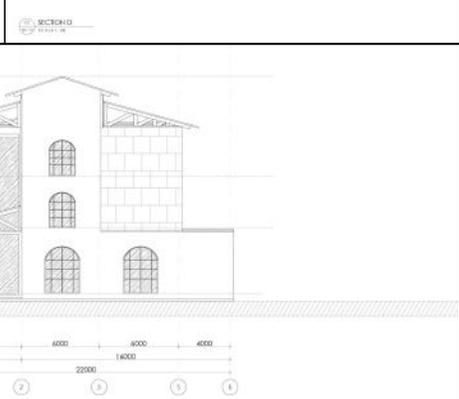
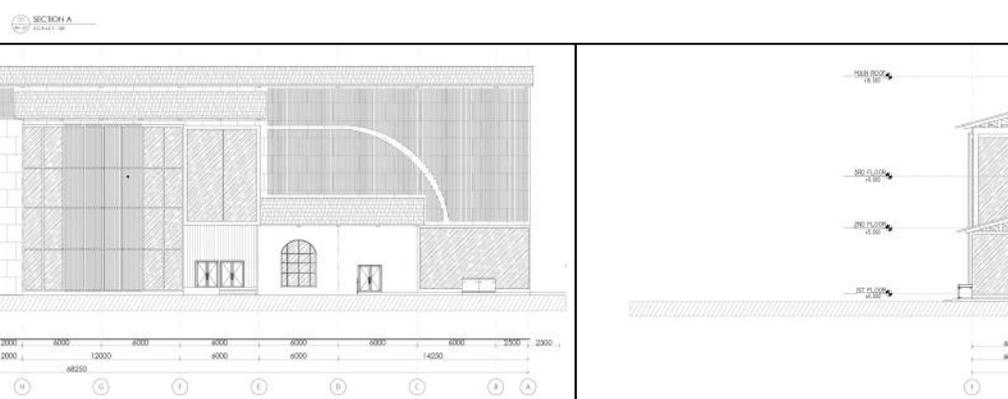
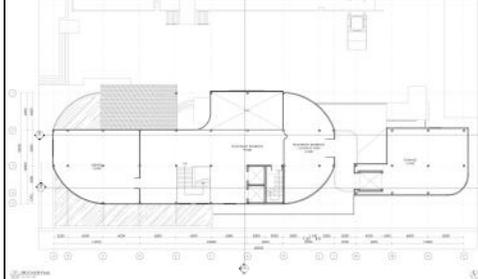
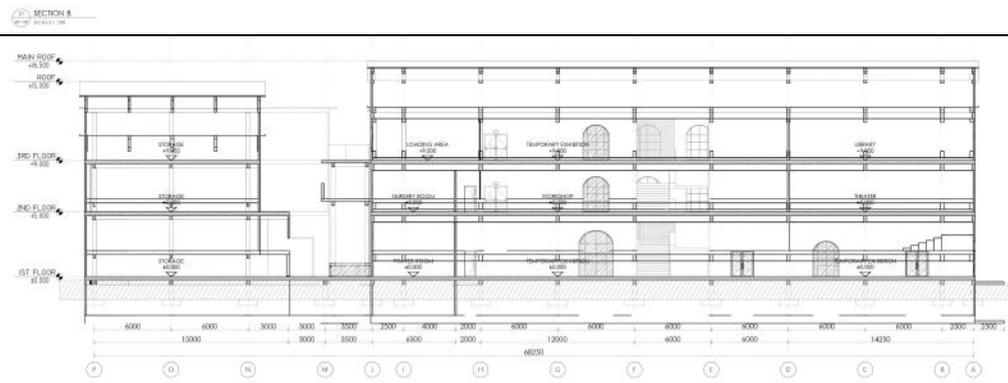
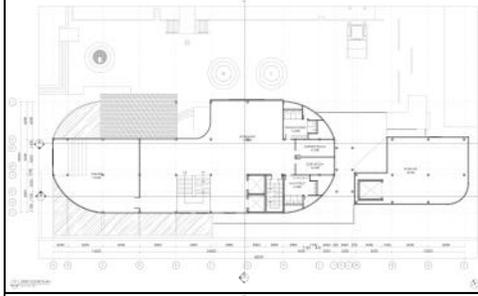
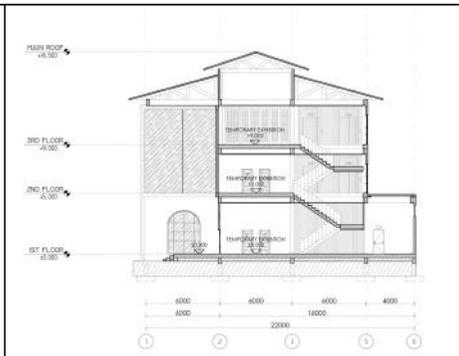
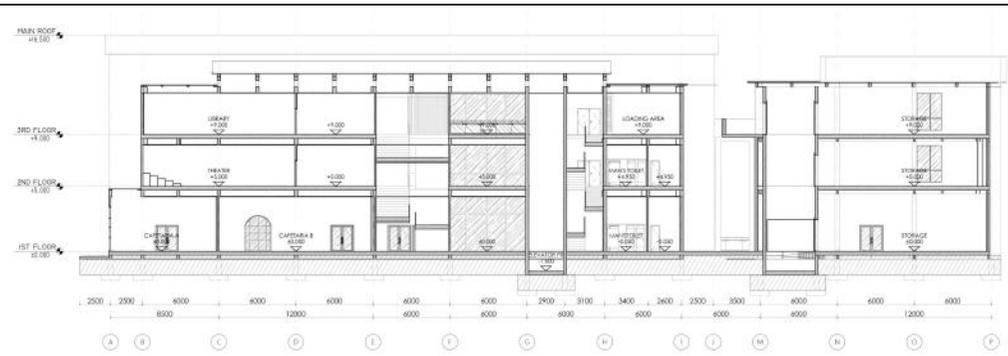
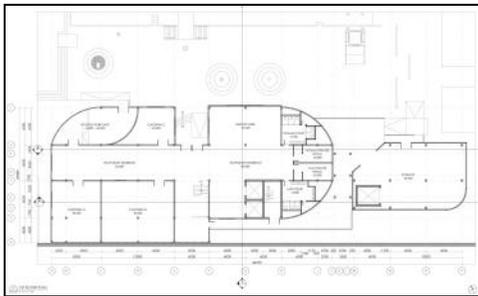
Through elevated surfaces, layered sightlines, and softened spatial boundaries, the new structure extends the museum experience beyond linear exhibition paths. Movement is no longer confined to a single level or sequence. Instead, visitors are offered multiple trajectories that overlap visually, allowing activities, pauses, and transitions to coexist within the same spatial field. This continuous system encourage visitors to remain engaged without encountering a definitive endpoint.





The spatial layout of Museum Sejarah Jakarta (Museum Fatahillah) often results in dead-end moments, where visitors tend to stop without a clear reason to move forward. Challenged by this condition, this project introduce the idea of open-ended space, a more fluid and continuous spatial experience that promotes movement, interaction, and reinterpretation. This strategy developed through three spatial keywords: layers of sightlines, soft-edges, and elevated surfaces.

TYPE	CONNECTIVITY	BOUNDARY	ORIENTATION	VISIBILITY	SPOT	ANCHOR OBJECTS	DURATION	LAYOUT	OPENING
				</					





# Still Moving Pt. 2

## Exhibition Space

Interior System

Historical Museum

Kota Tua, West Jakarta

2025

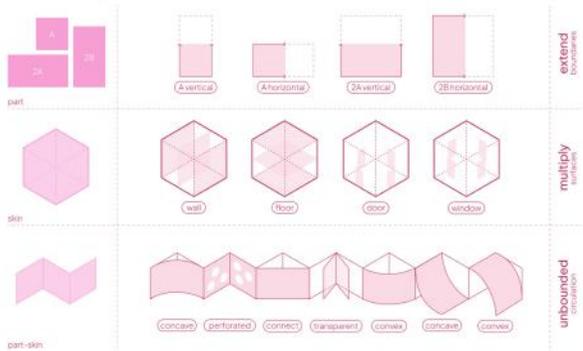
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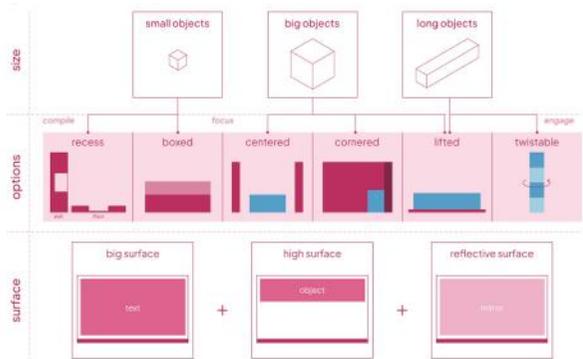


Pemadam Kebakaran

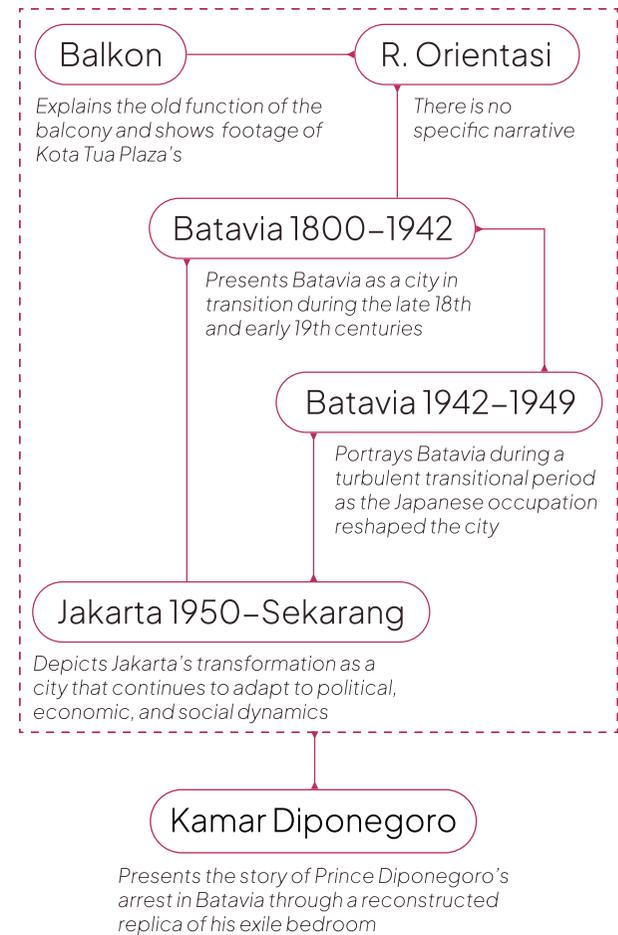
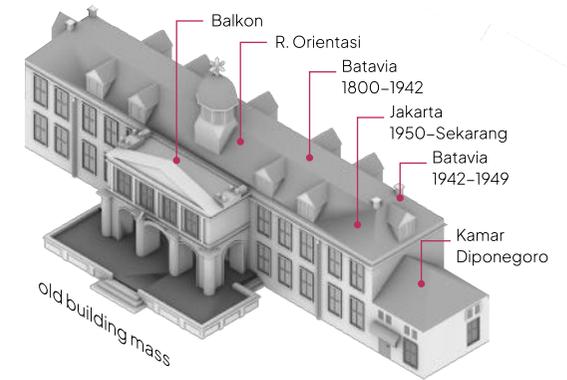
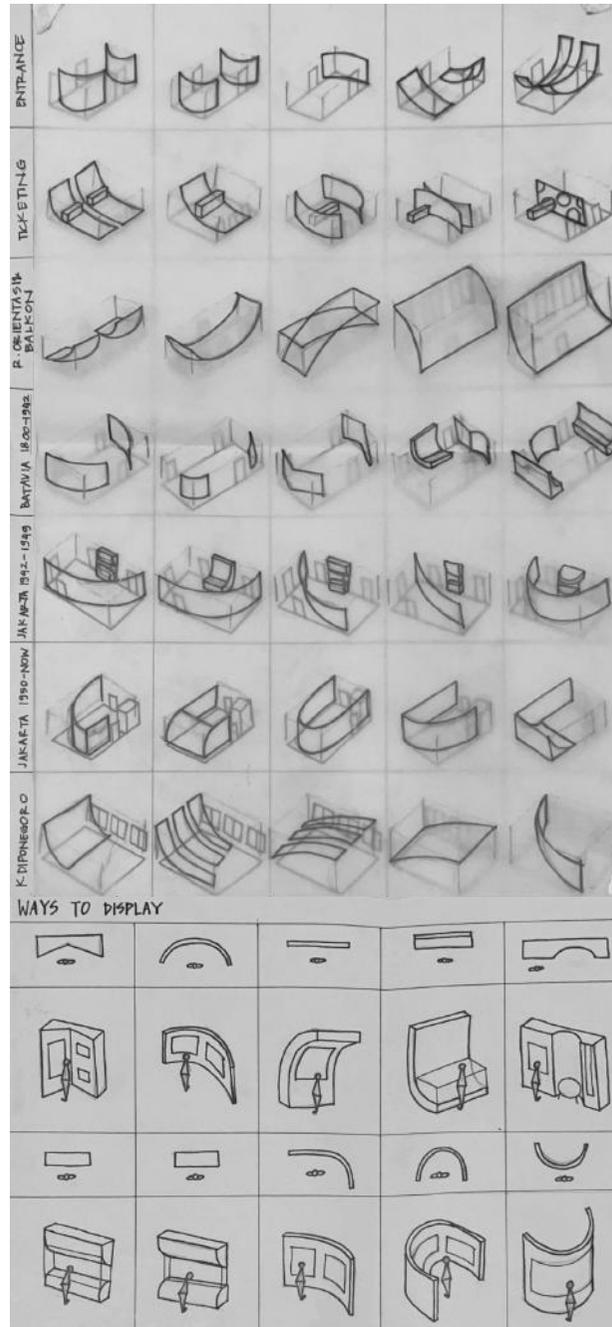


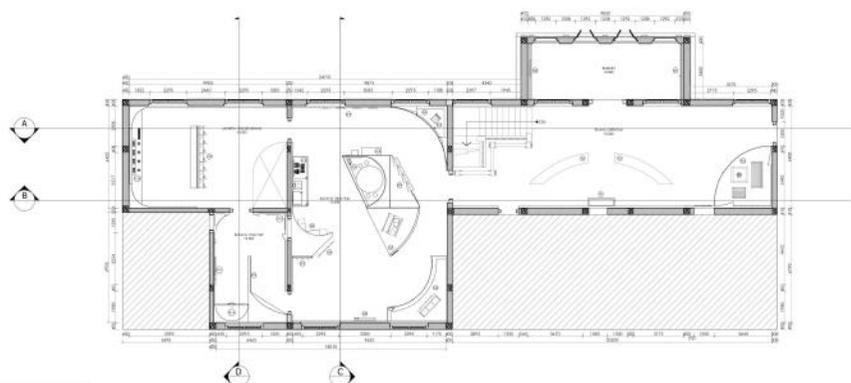


This synthesis shows how boundaries, surfaces, and circulation can be generated from the spatial keywords developed earlier. Each surface condition is then further explored through a set of possibilities, guiding how spatial edges and movements are articulated within the design.



It outlines the potential display methods for exhibition objects according to their dimensions, orientation, and the surfaces provided. This approach is used to experiment with object placement and spatial engagement across the exhibition environment.

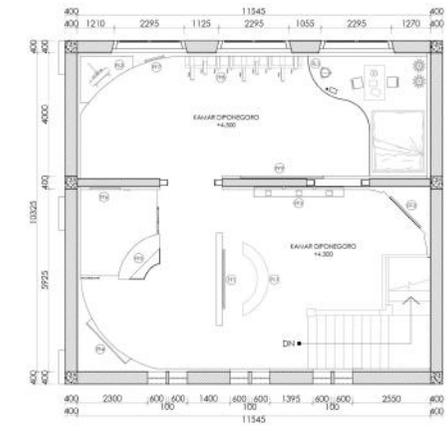




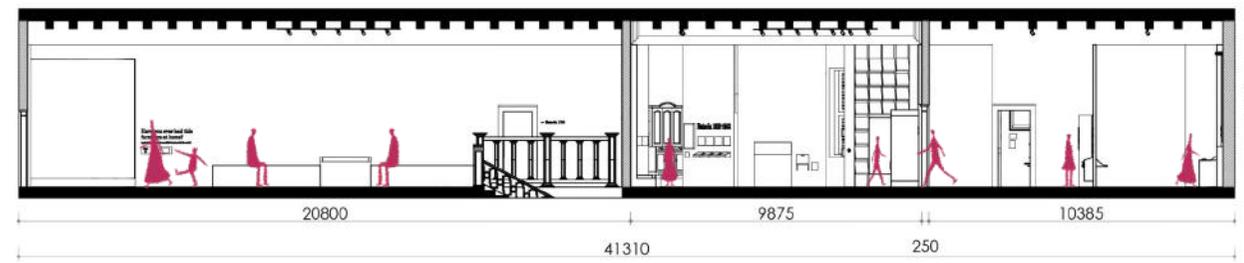
- LEGEND**
- |  |   |
|--|---|
| (F1) LUSIAN TIGA KEPULUAN PENGADLAN                                | (F10) DORAMA PROKLAMASI                             |
| (F2) LAYAR INTERAKTIF  | (F11) KURSI RAFTLES                                 |
| (F3) FOTO & JASA HERMAN WELLEV DAD DELES & THOMAS STAMFORD RAFFLES | (F12) KOLEKSI FURNITUR MSJ                          |
| (F4) PEREMBANGAN LAPANGAN PEKERJAAN                                | (F13) KURSI RAFTLES                                 |
| (F5) BATAK BETAWI  | (F14) MATA LANG ZAMAN HEKSIK BELANDA & BONE STRUYER |
| (F6) CERITA TOGOK DIBATAVA   | (F15) ASESORIS PENGANTEN BETAWI                     |
| (F7) LAYAR INTERAKTIF  | (F16) DORAMA KEBAH HIRAI                            |
| (F8) LUSIAN NYOKYA DE HIT  | (F17) PERDIBANGKAN PENDORAKH                        |
| (F9) KEBANJAHALAH PROPAGANDA                                       | (F18) USARIFACCA                                    |
| (F10) FOTO DAN MOGOT & ACHMAD MOCHFAH                              | (F19) ALBUM FOTO INTERAKTIF                         |
| (F11) PETA INDONESIA & PROYEKSI BUKERA HINDIYARU                   |   |

01 INTERIOR FLOOR PLAN EXHIBITION A  
IN-03 SCALE 1:100

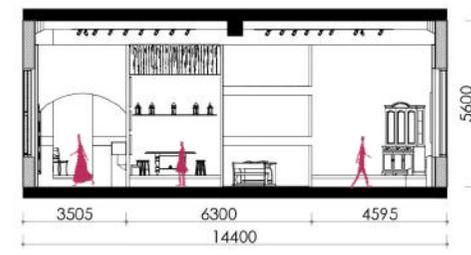
- LEGEND**
- |  |   |
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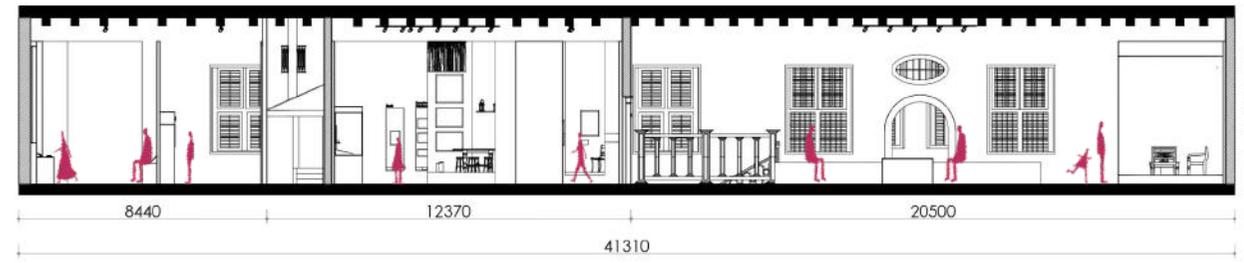
02 INTERIOR FLOOR PLAN EXHIBITION B  
IN-03 SCALE 1:100



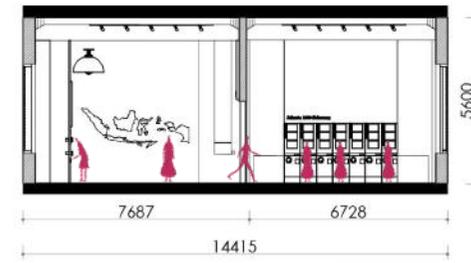
01 INTERIOR ELEVATION A  
IN-03 SCALE 1:100



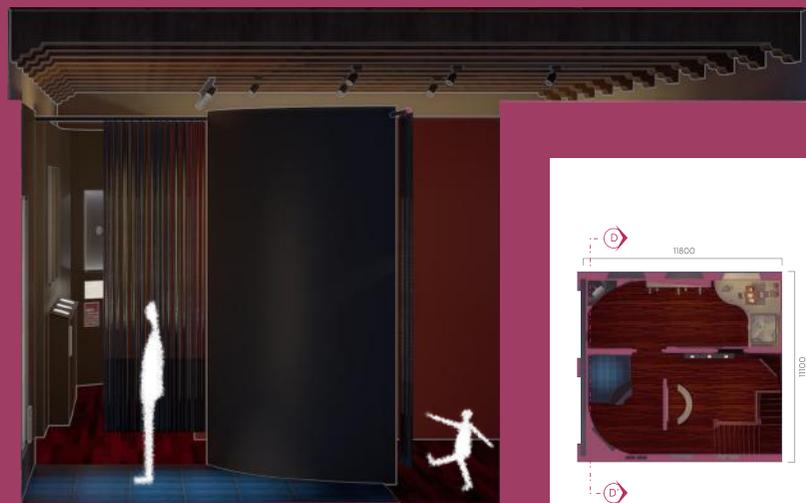
03 INTERIOR ELEVATION C  
IN-03 SCALE 1:100



02 INTERIOR ELEVATION B  
IN-03 SCALE 1:100



04 INTERIOR ELEVATION D  
IN-03 SCALE 1:100



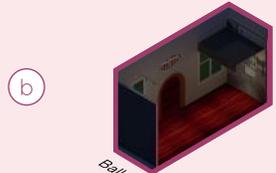
The exhibition space encourages visitor interaction with the displayed exhibits. Multiple experiences may emerge, shaped by how each visitor personally interprets and navigates through the exhibition sequence.





a

Ruang Orientasi



b

Balkon



c

Batavia 1800-1942



d

Batavia 1942-1949



e

Jakarta 1950-Sekarang



f

Kamar Diponegoro



a



b



c



c



c



c



c



c



d



d



e



e



f



f



f



f

# Sela Lima

## Accountant's Office

Data-Based, Scripting

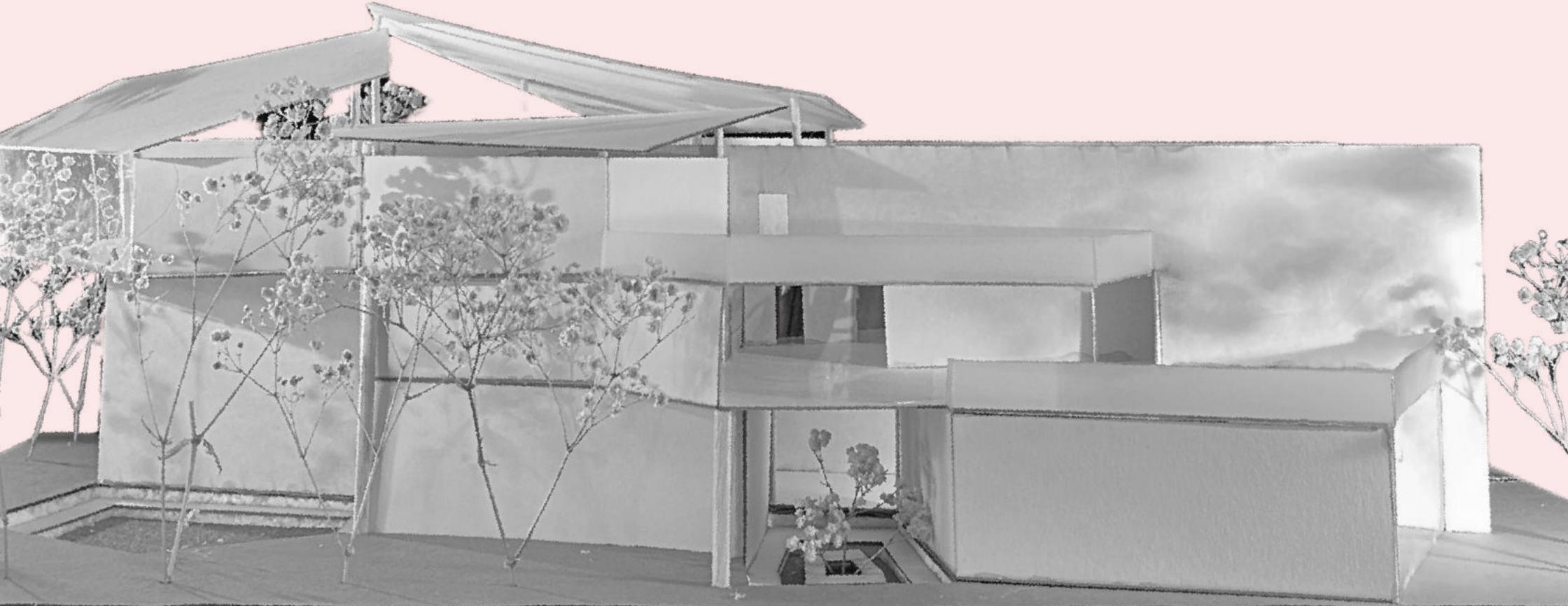
Office, Working Space

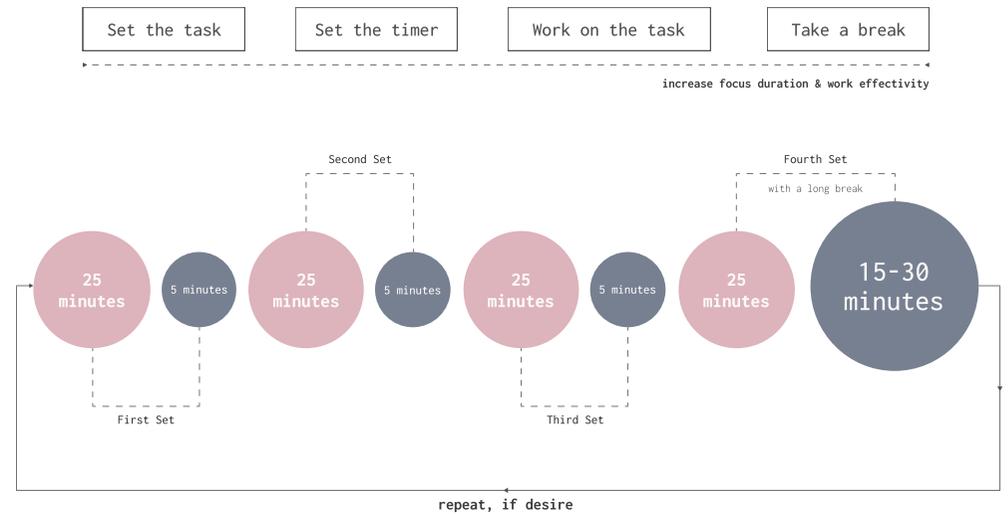
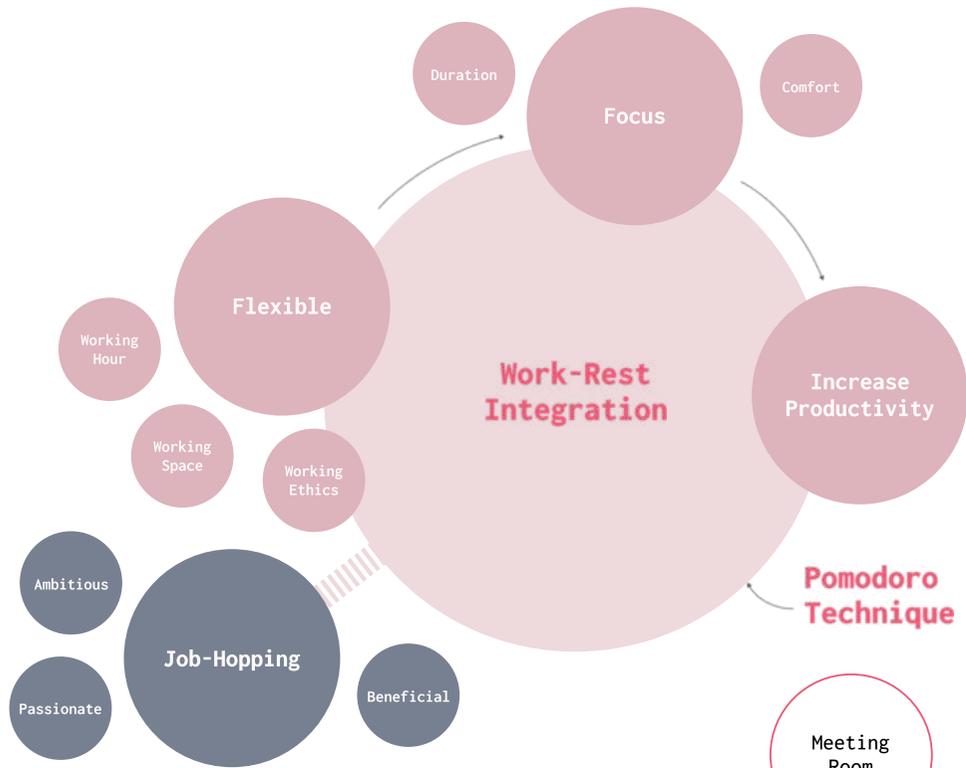
Senayan, South Jakarta

2025

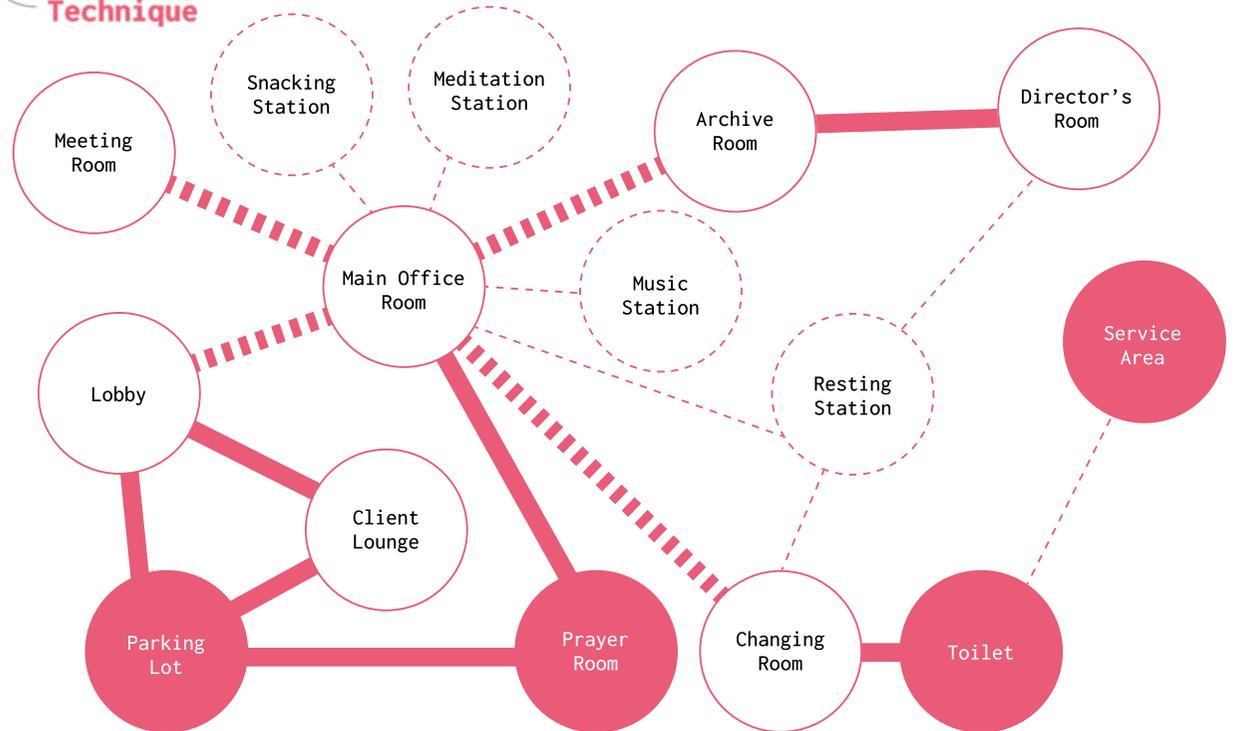
Stands as a sanctuary for the Gen-Z workforce, its design an interplay of form and purpose. At its core, a pronounced void divides the building, a physical pause that reflects the rhythm of work and rest. The pentagonal shapes carve spaces that respond intuitively to varying levels of focus. Sharp-edged rooms fostering intense concentration, while softer, rounded corners invite flexibility and ease.

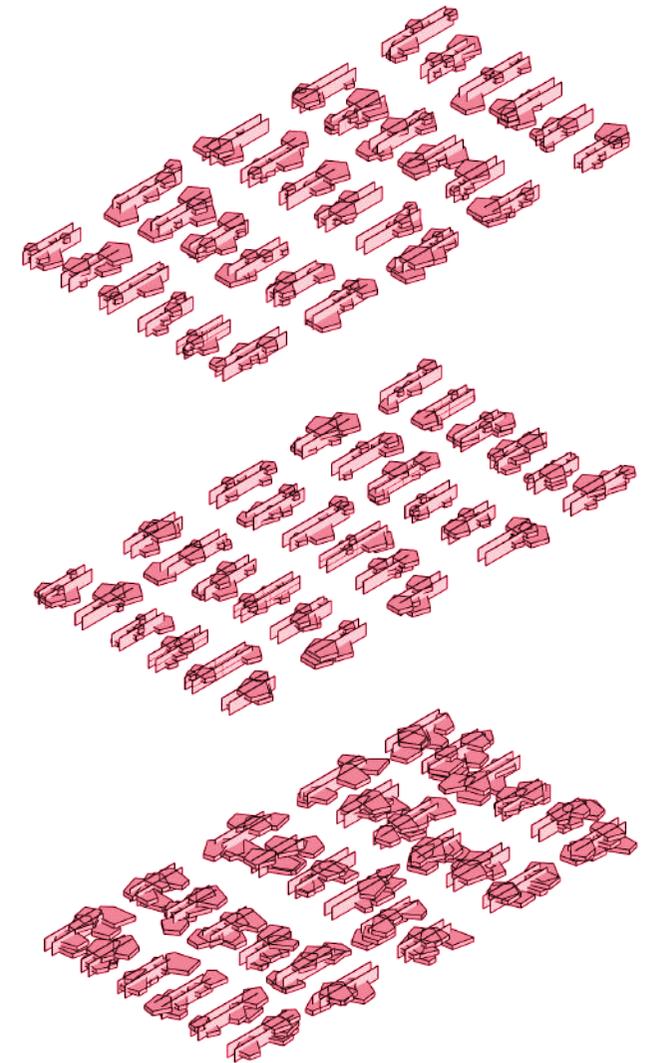
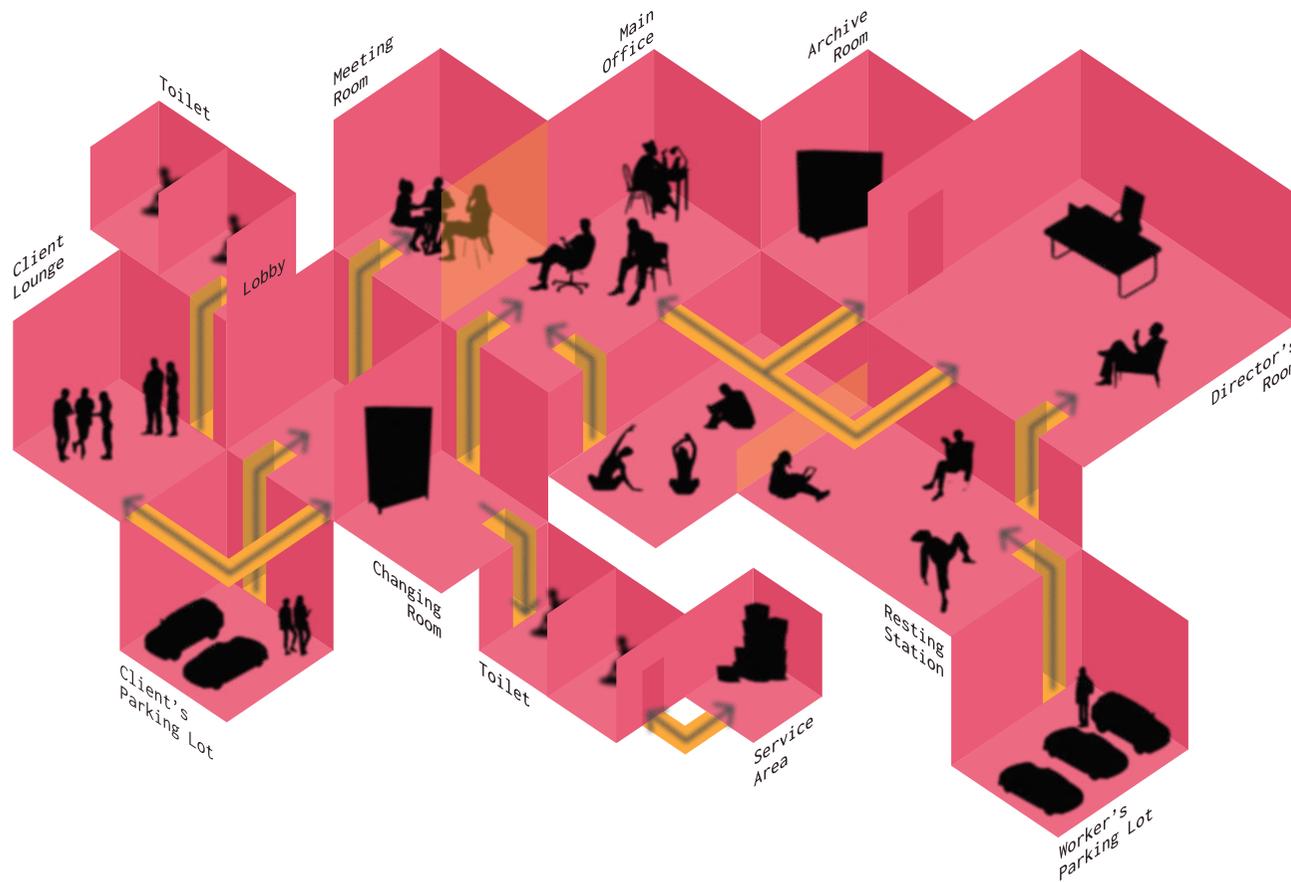
The pomodoro shapes the program, guiding users through cycles of five-minute breaks and longer thirty-minute pauses, ensuring a seamless balance between effort and recovery. The gap at the building's center is a reminder to pause and reset, allowing productivity to flourish through structured intervals. Sela Lima transforms time management into an architectural experience, a space where focus and rest harmonize to elevate the way we work.



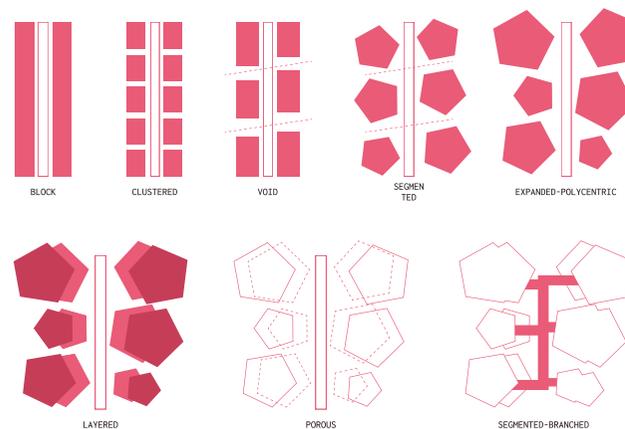


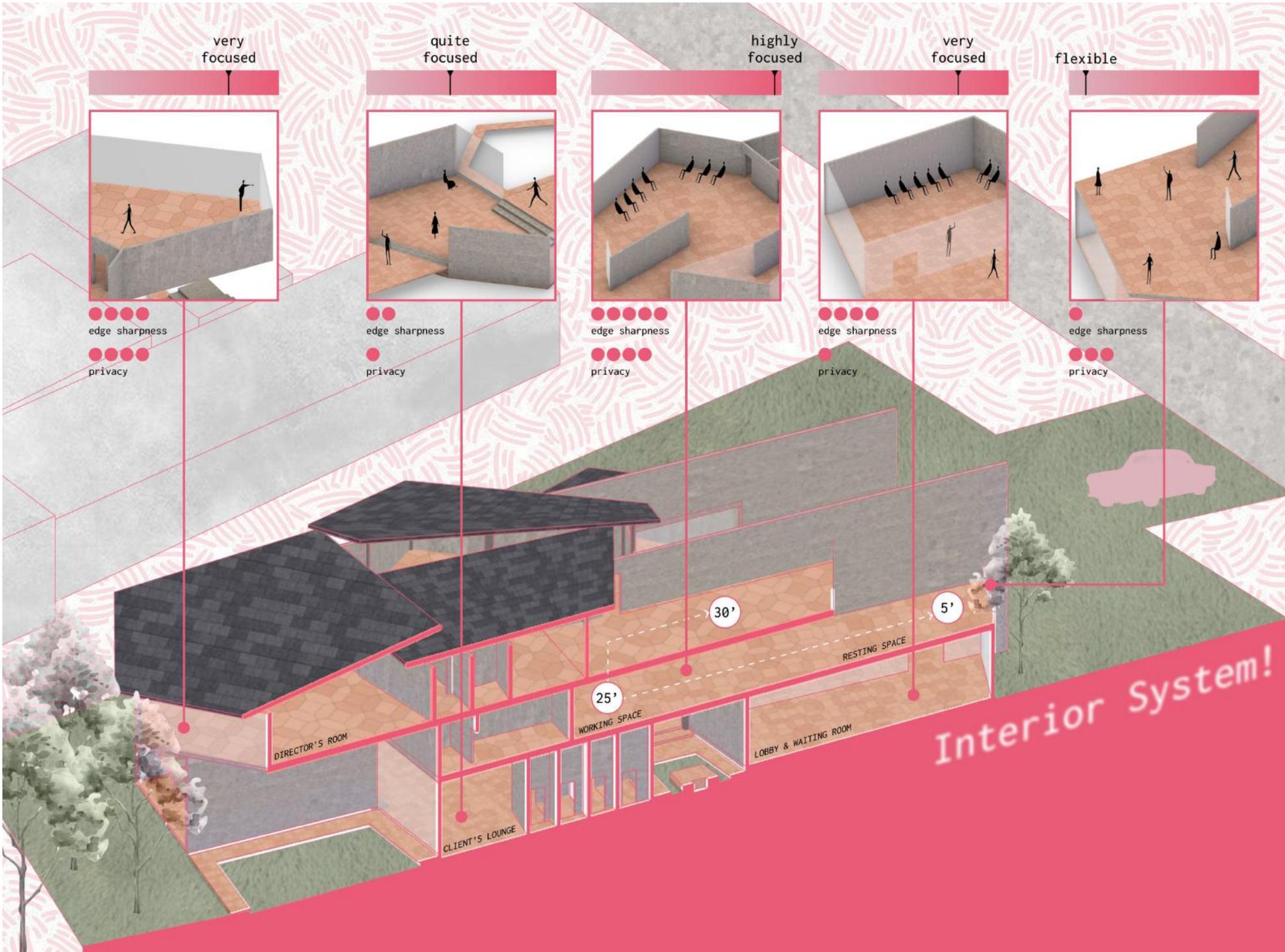
This project addresses the issue of job-hopping among Gen Z, often driven by their ambition and desire to explore new experiences. Rather than viewing this as a weakness, the design focuses on creating a flexible and comfortable work environment, accommodating varied working hours, spaces, and ethics, to help improve focus and long-term productivity. The space incorporates the time-based Pomodoro technique, structured into sets of 25-minute work sessions followed by short breaks, with a longer break after every fourth set.





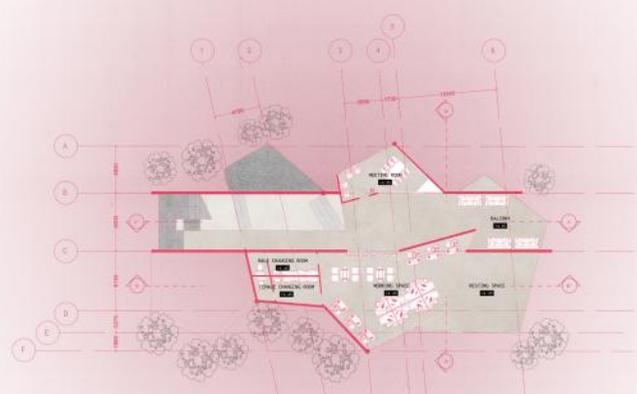
The spatial program is organized based on the level of interaction between areas, categorized into private, semi-private, and public zones. The overall form is a combination of pentagon and rectangle geometries, where the rectangle functions as the central circulation spine, and the pentagon forms are arranged along it as distinct activity spaces. Each room is further defined by its level of focus and privacy, with sharper angles representing higher concentration needs and more enclosed, intimate environments.



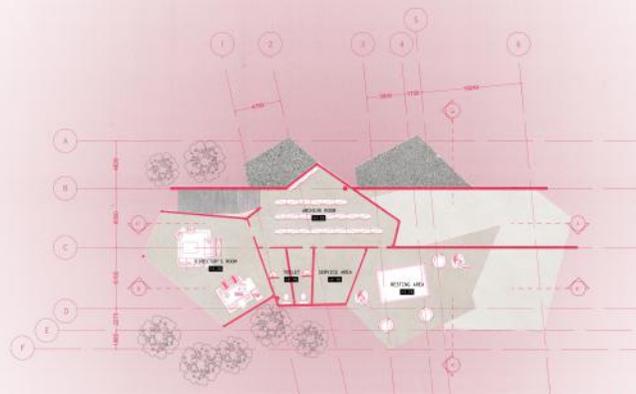




FIRST FLOOR PLAN  
1:100



SECOND FLOOR PLAN  
1:100



THIRD FLOOR PLAN  
1:100



SECTION A-A'  
1:100



SECTION B-B'  
1:100



SECTION C-C'  
1:100

# Glows in the Rain

## Multi-function Building

Mid-rise Building, Performative

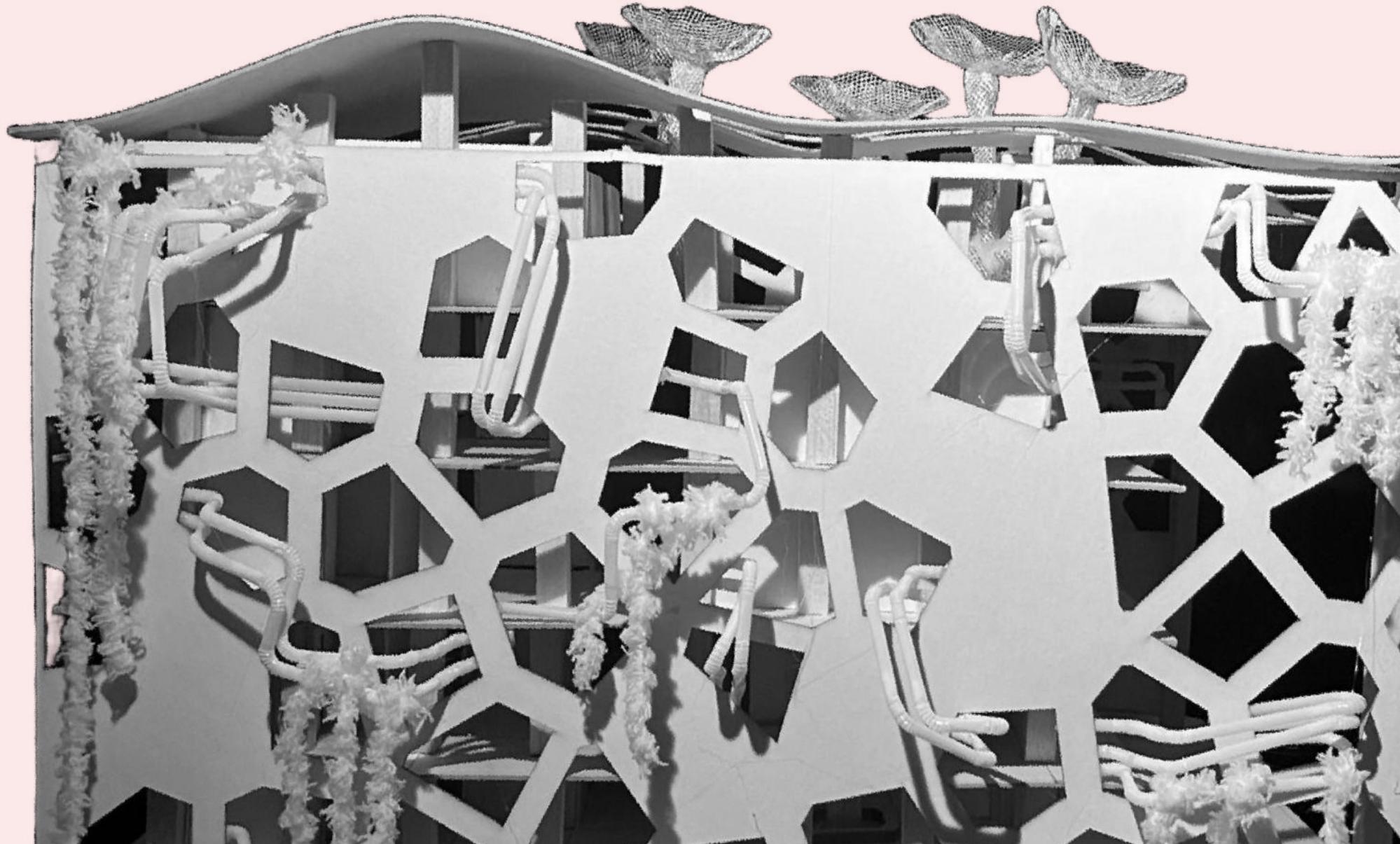
Rainwater Harvesting

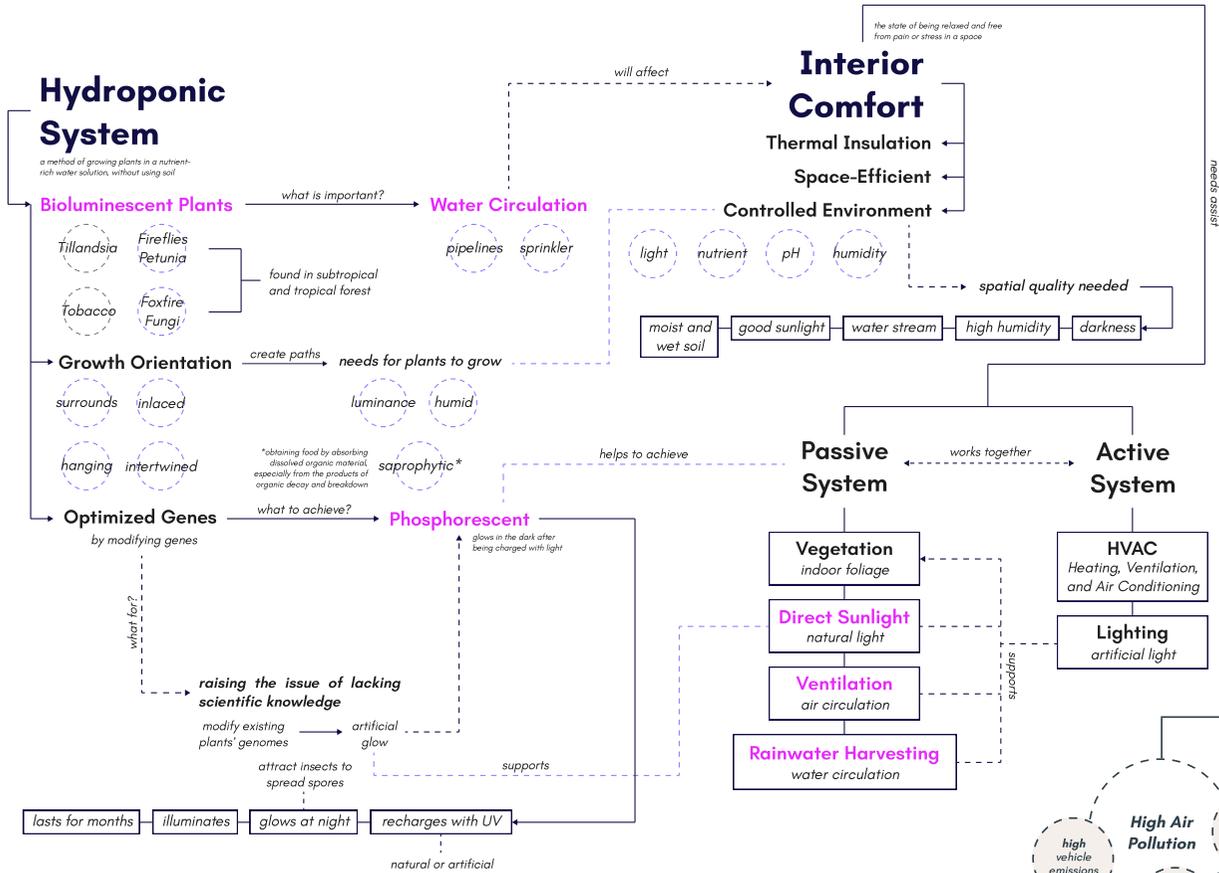
Gambir, Central Jakarta

2024

Rain, a precious gift of nature, is essential for sustaining life and nurturing ecosystems. This project envisions a harmonious integration of nature within architecture by introducing a living ecosystem throughout the building, powered by an interconnected network of hydroponic systems on each floor. These hydroponic pipes, reminiscent of tree trunks, deliver water and life to the entire structure.

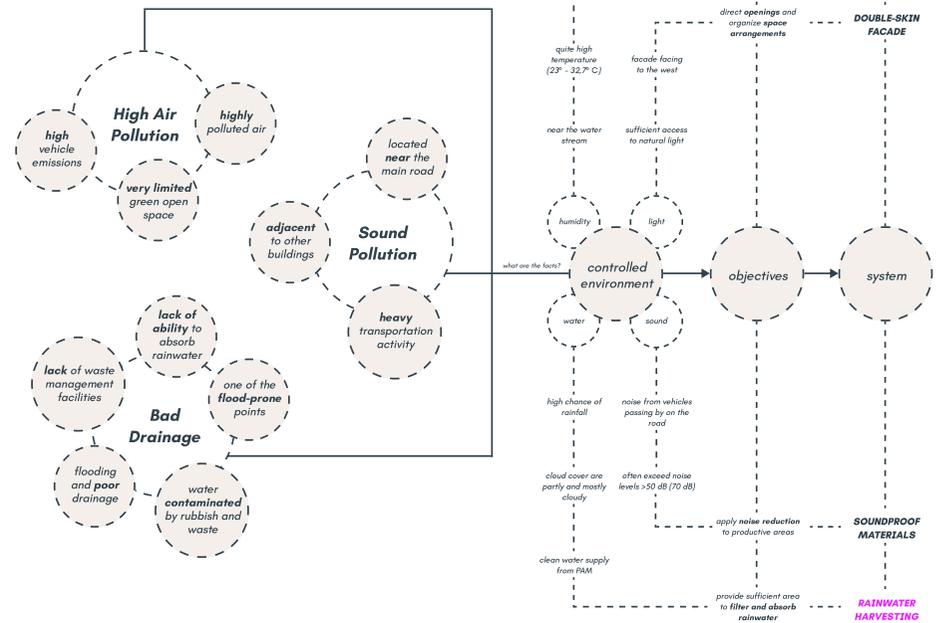
A rainwater harvesting system supports this pipes by ensuring efficient water management which flows through continuously. Some of the pipes host bioluminescent plants that glow in the dark not only to serve as an indicator of the thriving performance, but also transforms the building into a serene, luminous haven, especially when paired with the gentle patter of rain.

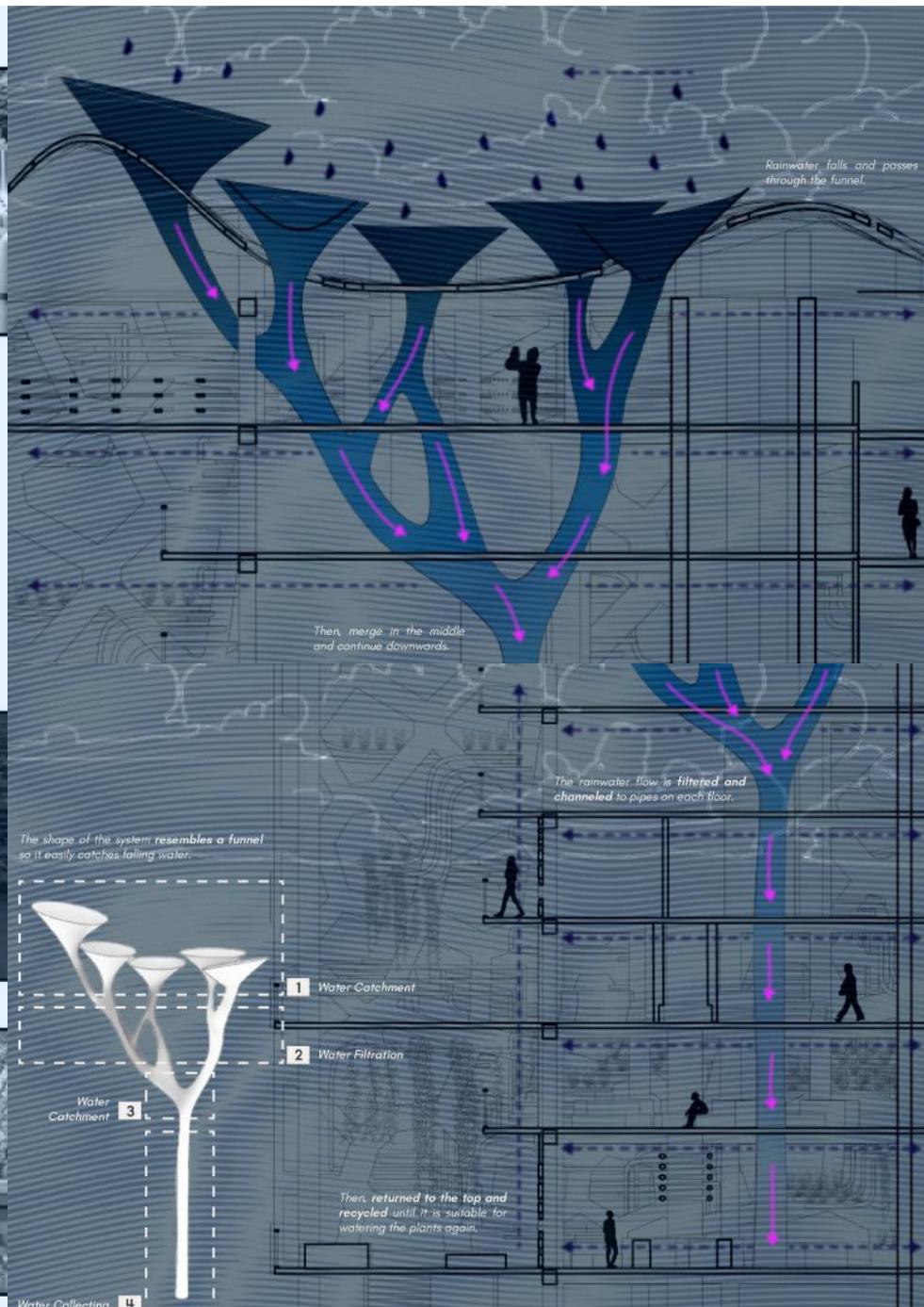


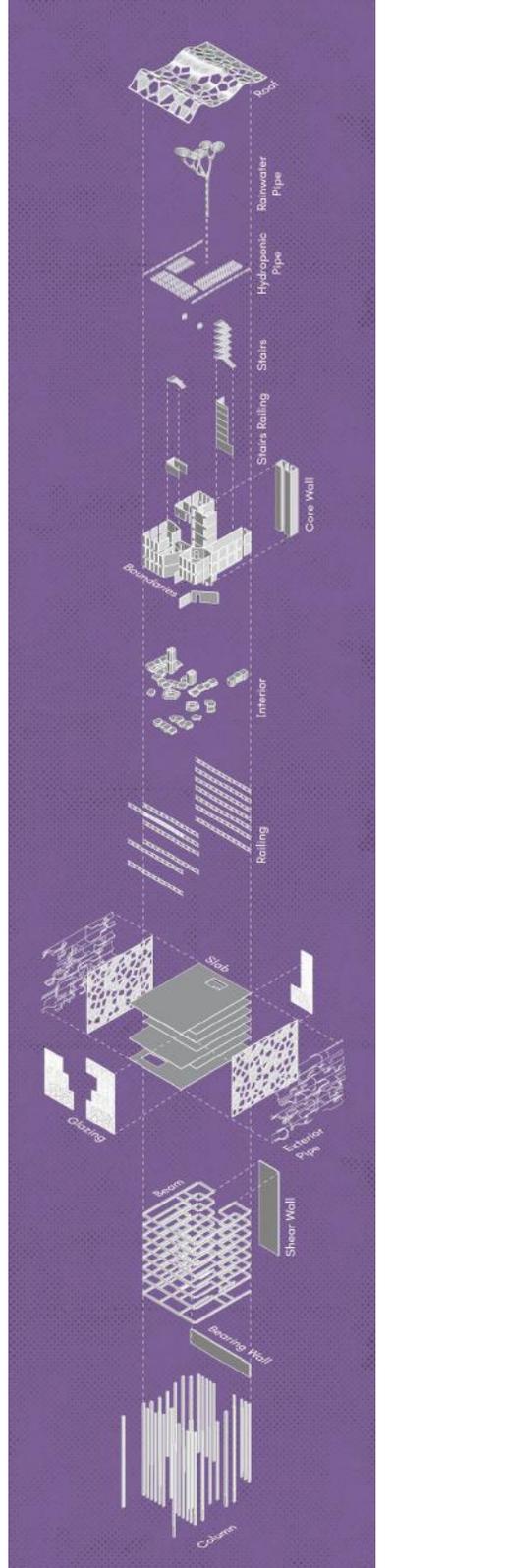
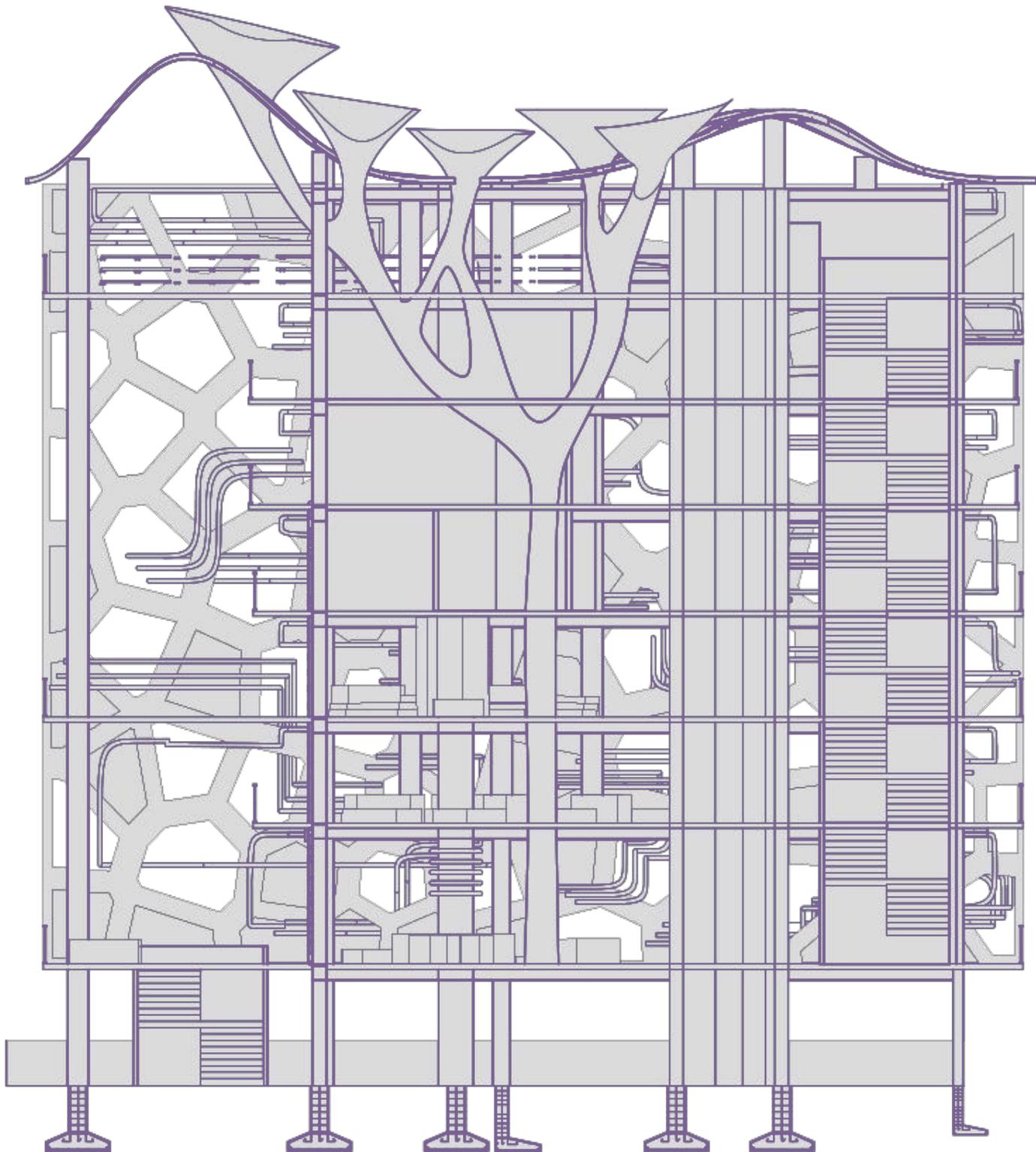


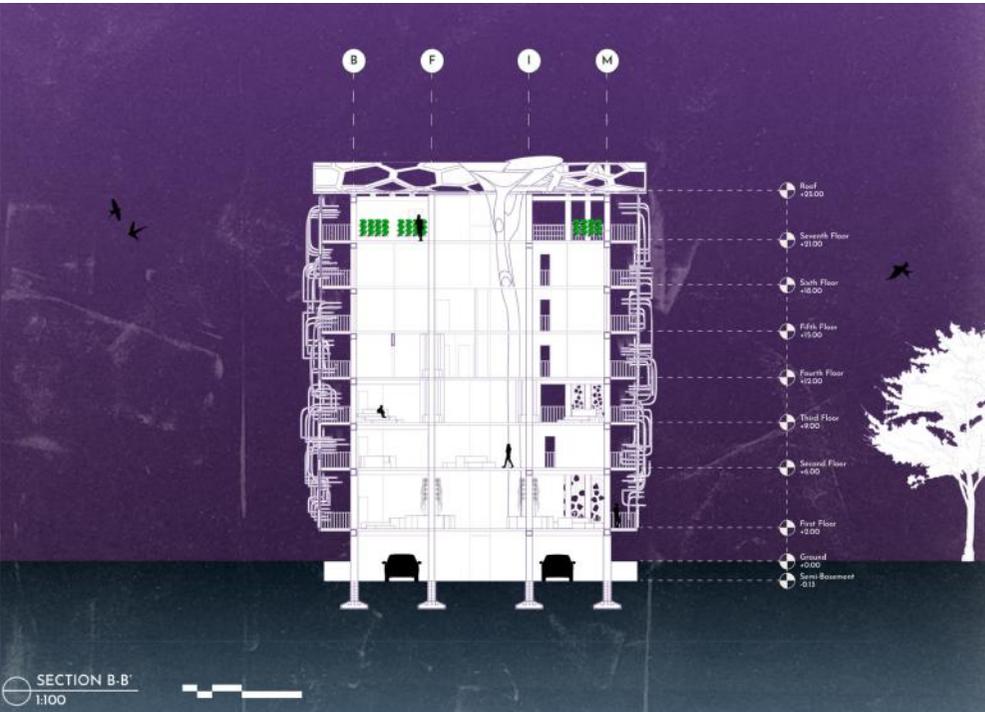
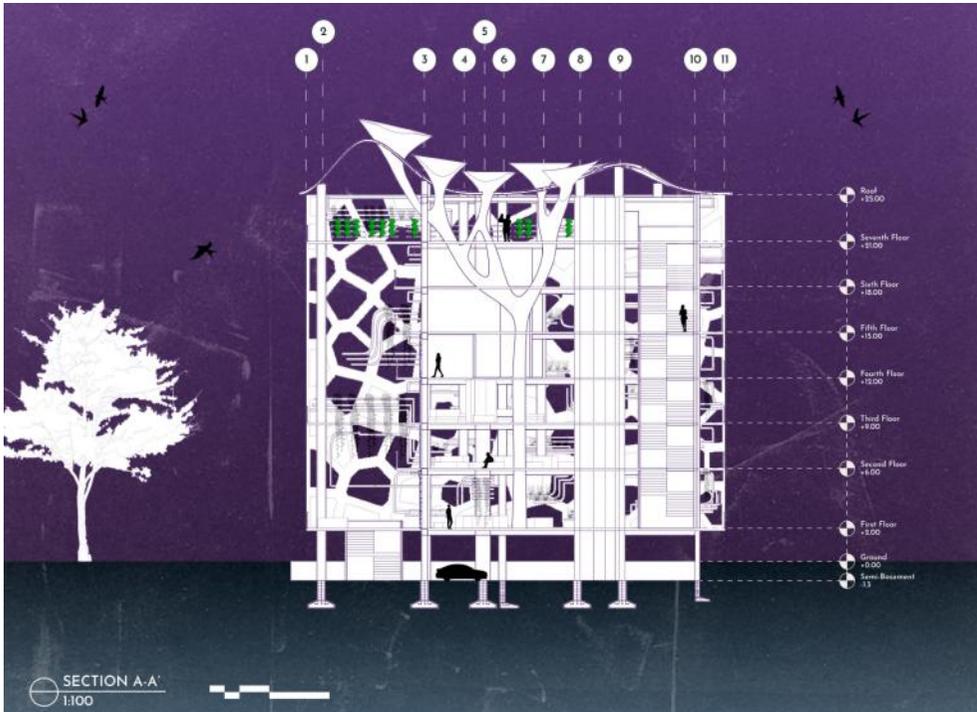
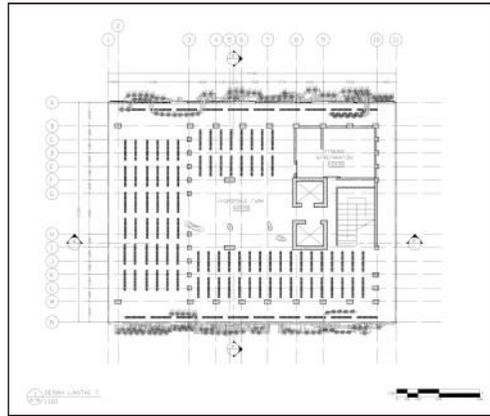
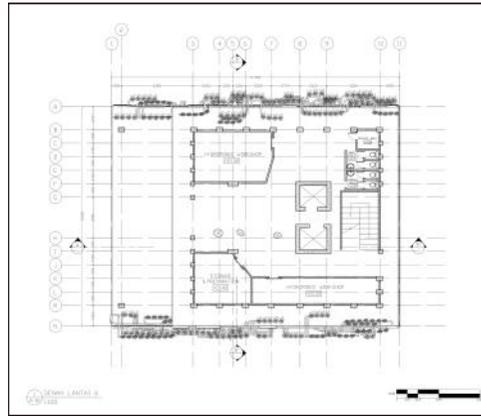
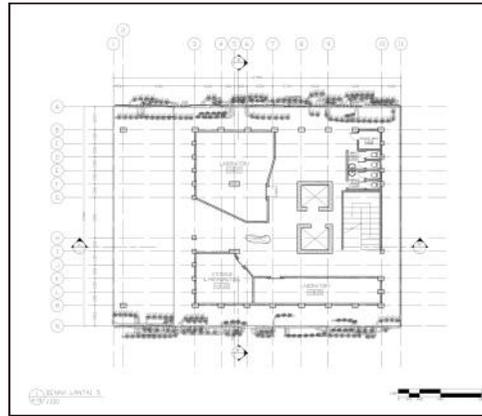
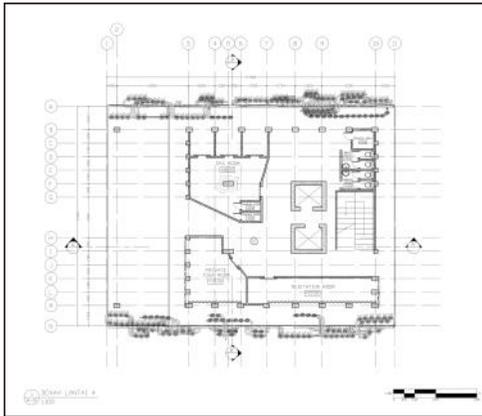
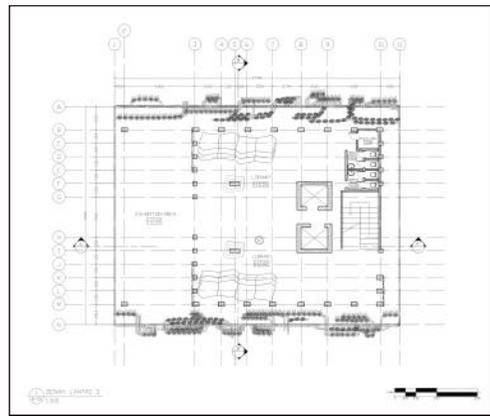
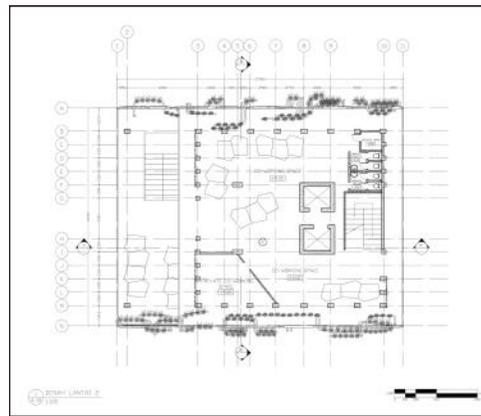
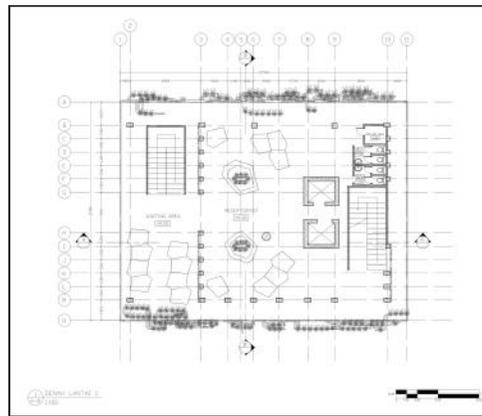
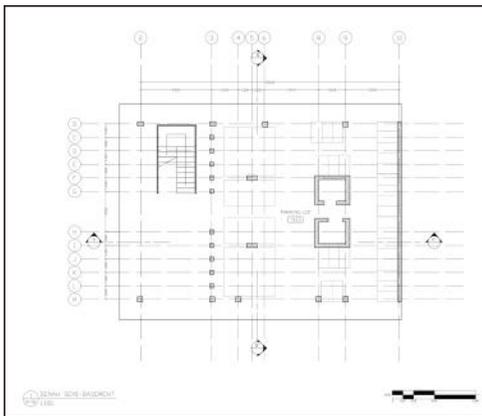
To support plant growth within the building, a funnel system is designed at the roof, tapering downward and connected to pipes on each floor. Divided into three main sections; the top part captures rainwater, the middle section filters it for irrigation use, and the bottom part collects excess water. The remaining water is then recycled and pumped back to the top, allowing continuous circulation throughout the system.

Inspired by the potential of hydroponic systems, which rely on water as the primary growing medium, this project integrates planting strategies to respond to local air pollution issues. It utilizes two types of plants: bioluminescent species that emit light through UV reflection or natural glow, and air-purifying plants such as peace lilies and golden pothos. Hydroponics enables controlled growth conditions, enhancing light intensity in bioluminescent plants as a sign of a healthy surrounding atmosphere.









# Arom(atticc)

## Compact Kitchen and Garden

Natural & Artificial Lighting

Domestic Interior

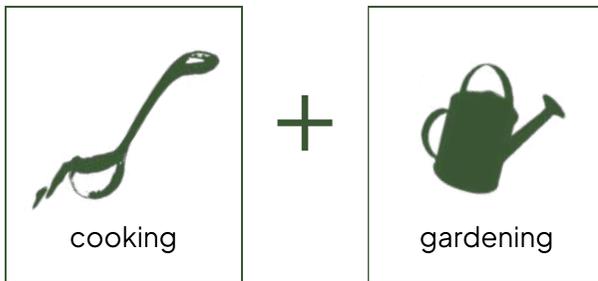
South Tangerang

2025

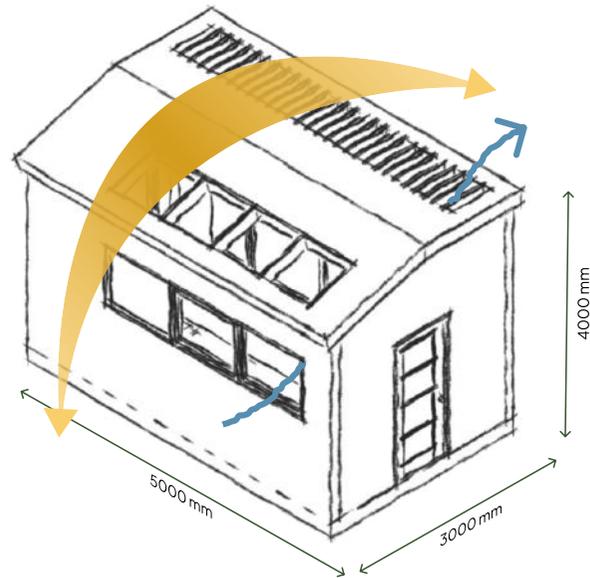
This project reimagines a compact space for everyday rituals of cooking and gardening. Located at the back of the house, the design responds to limited spatial conditions by prioritizing natural light, cross-ventilation, and direct engagement with greenery. The space is shaped by sensory experiences, where the scent of food and plants becomes an integral part of daily life.



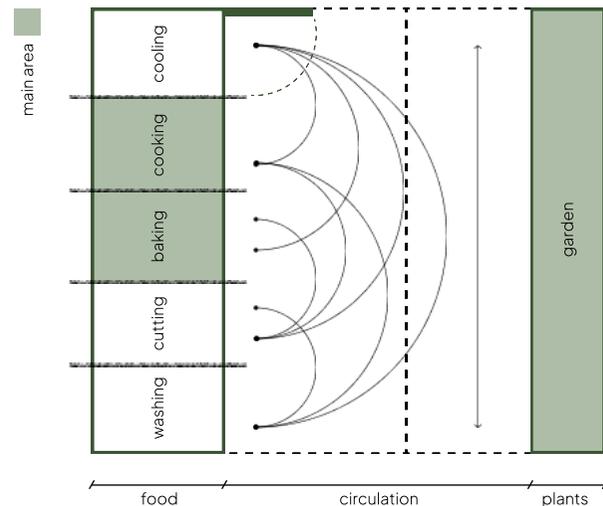
This space is designed for my parents. While my mother finds joy in preparing meals, my father spends much time to take care of the plants. The spatial arrangement allows them to share moments of cooking and gardening in a space closely connected to light, air, and greenery.



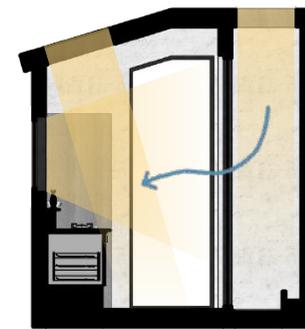
Situated at the rear of the house and directly adjacent to a neighbor's building. This project explores how a small and elongated space can be optimized to accommodate cooking and gardening activities while maintaining comfort and spatial efficiency.



Daylight becomes the main source of illumination, emphasizing the bright and calm atmosphere during the day. The adjacent garden creates a visual connection with nature and serves as a natural ventilation system that can be opened or closed according to the kitchen's activities.



Concept



Each opening is positioned to support their cooking and gardening routines, ensuring for comfort, freshness, and a sense of intimacy with the surrounding landscape.





Day Time



Night Time

# Kotak Katik

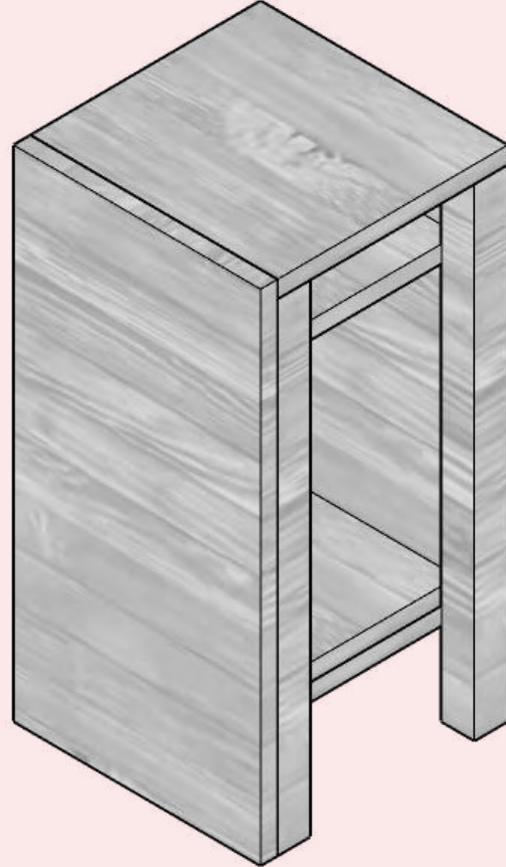
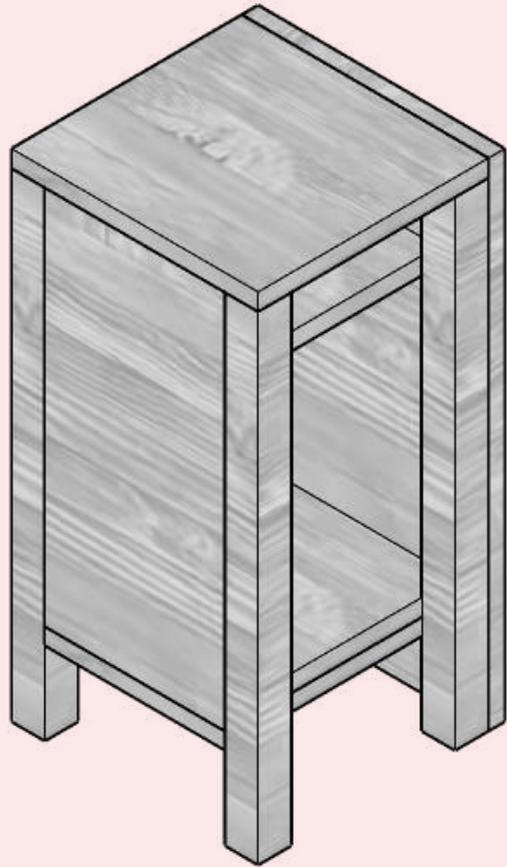
## Multipurpose Furniture

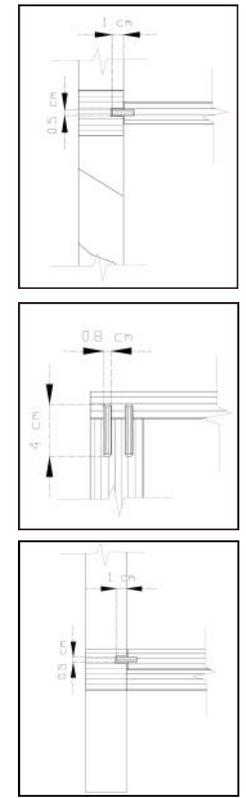
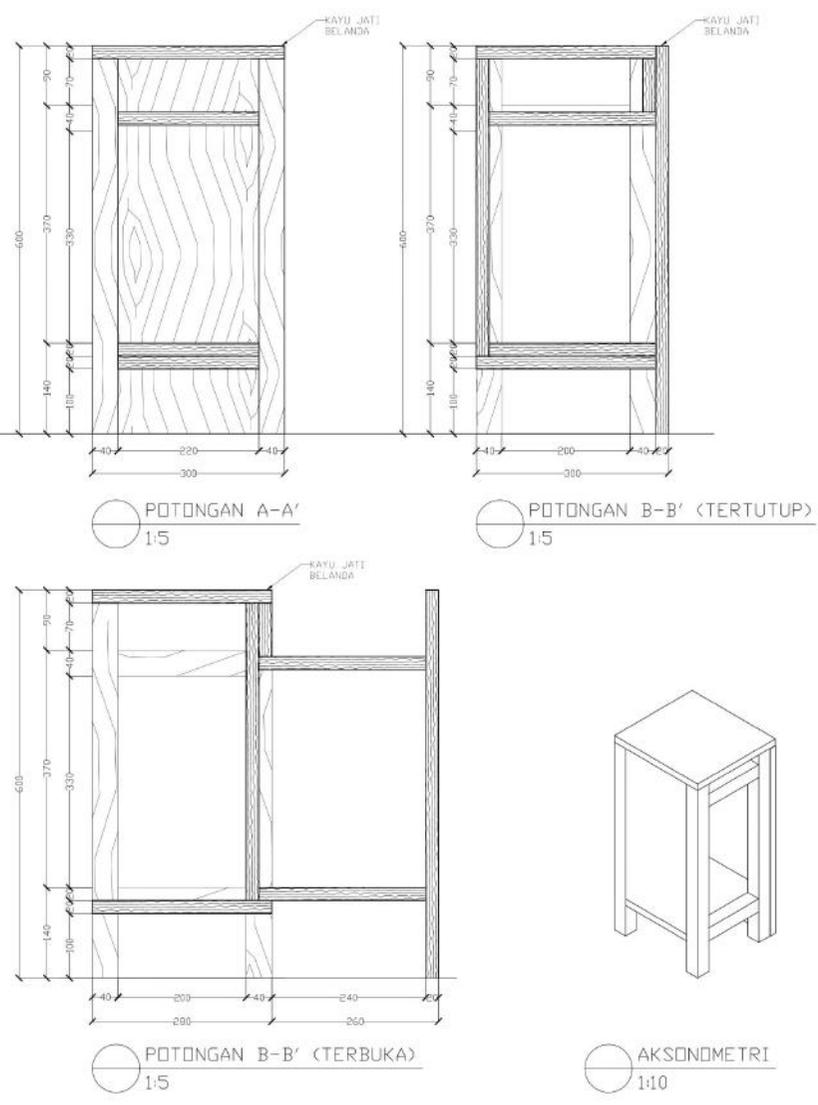
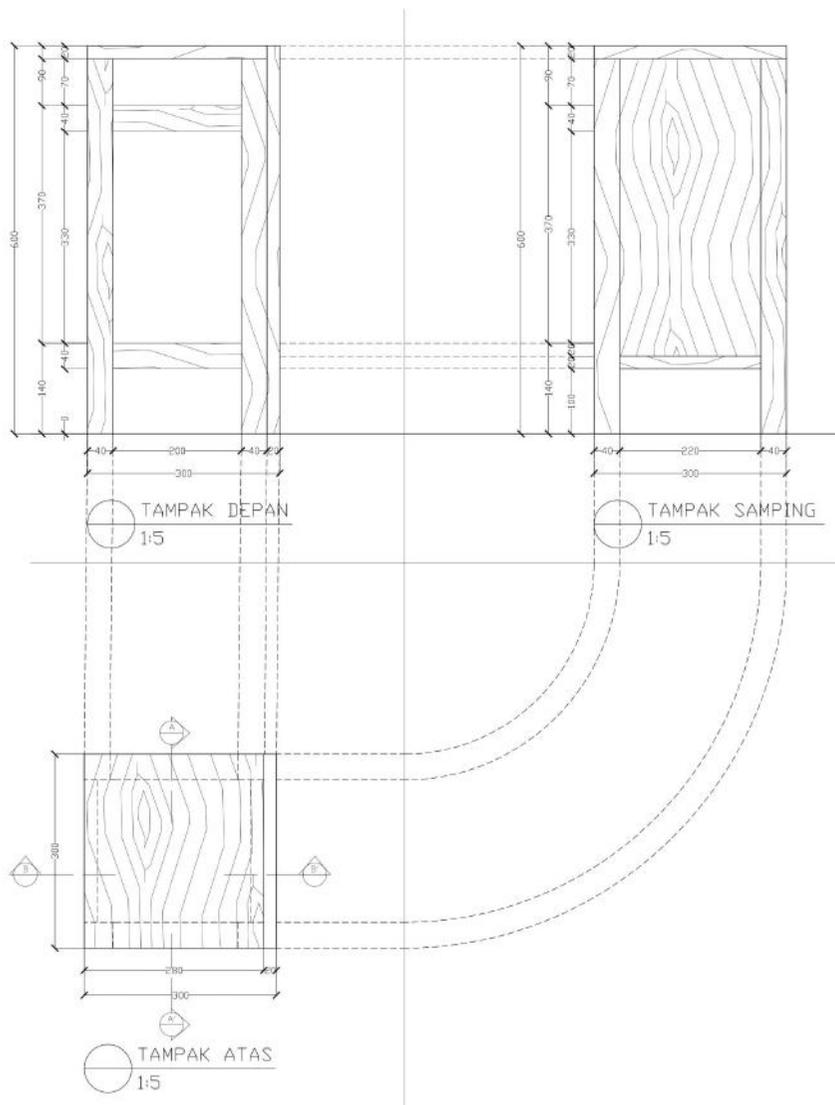
Furniture Making

2025

Furniture that is used as a nightstand, a stool, a side table, or multipurpose storage unit. This furniture is an exploration model that consists of two modular pieces which can be arranged based on the desired use. Developed as part of the *furniture system* class, this project explores flexibility, functionality, and spatial efficiency through modular design.

*This furniture is showcased in HOMEDEC (HDII Jakarta's Booth), KBS TKMDII XVII, and AFAIR UI.*



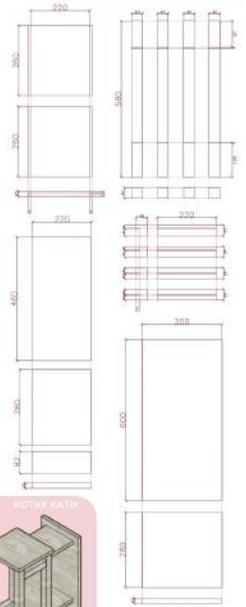


# KOTAK KATIK

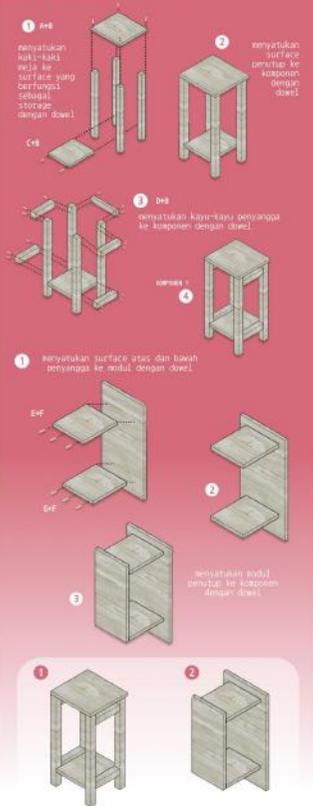


Kotak-Katik merupakan furnitur yang digunakan sebagai nakas, tempat duduk layaknya stool, meja samping, maupun unit penyimpanan serbaguna. Furnitur ini terdiri dari dua modular yang sesuai namanya, dapat diatur berdasarkan kegunaan yang diinginkan.

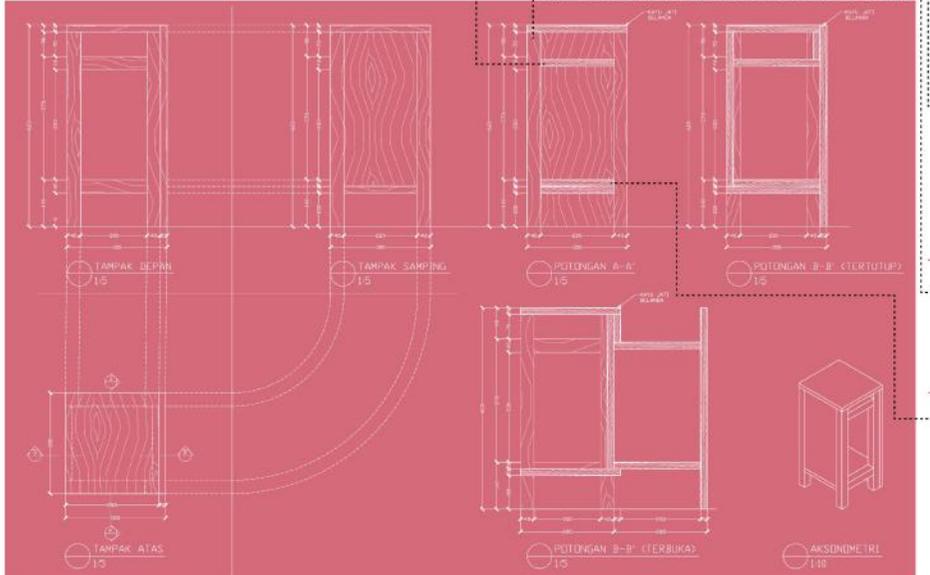
## POLA KOMPONEN



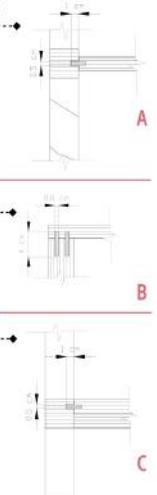
## LANGKAH KONSTRUKSI



## ANALISIS AWAL DAN PENGEMBANGAN DESAIN



## DETAIL SAMBUNGAN



# Lounge Chair

## Model 655

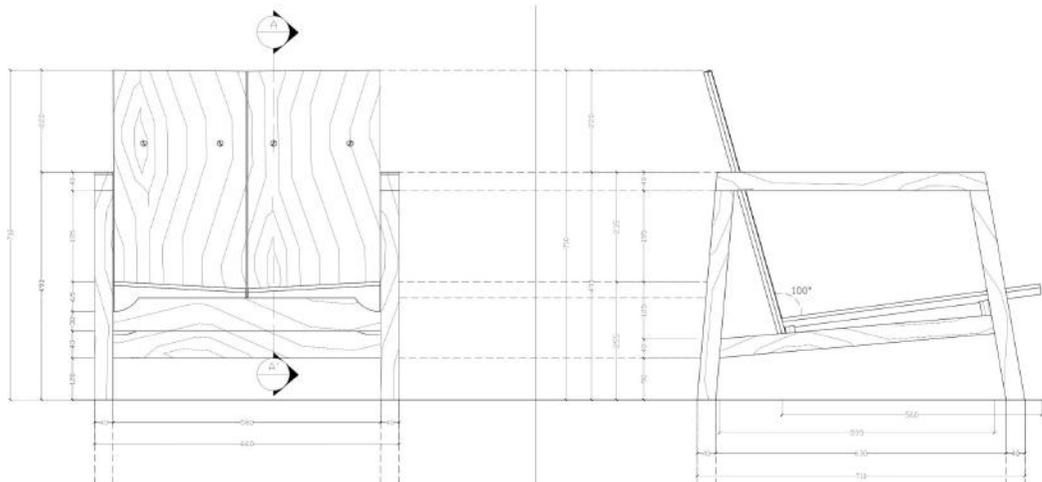
Seating by Lewis Butler

Orthographic Drawing

Reconstructing

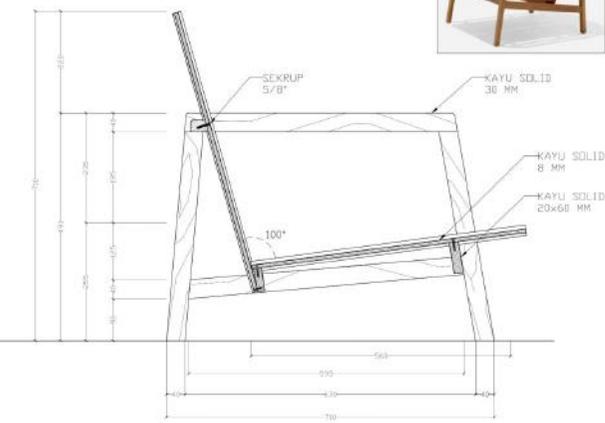
2025

This project, developed in the *furniture system* course, focused on reconstructing a designer chair solely based on visual references. The task required analysis of form, proportion, and construction logic in order to produce precise and functional working drawings that could support real-world fabrication.

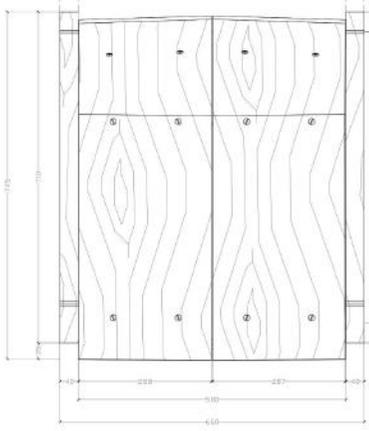


TAMPAK DEPAN  
1:5

TAMPAK SAMPING  
1:5



POTONGAN A-A'  
1:5



TAMPAK ATAS  
1:5



AKSONOMETRI  
1:5



NILAI

KETERANGAN :

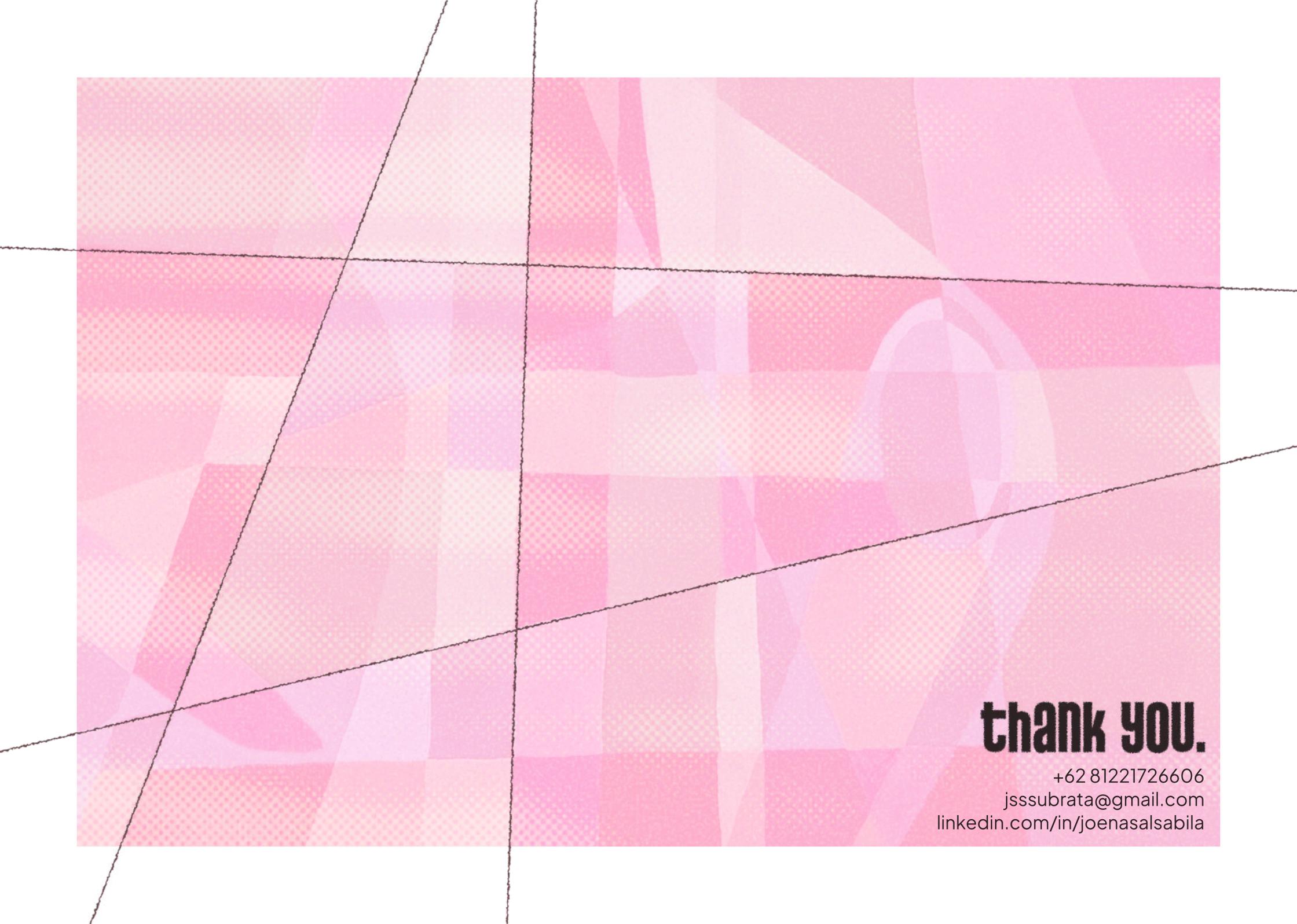
TUGAS GAMBAR  
GAMBAR KERJA  
SARANA DUDUK

NAMA : JIENA  
SALSABILA S.  
NPM : 2206813744

KELAS SISTEM FURNITUR  
UNIVERSITAS INDONESIA

NO. HAL

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**thank you.**

+62 81221726606

[jsssubrata@gmail.com](mailto:jsssubrata@gmail.com)

[linkedin.com/in/joenasalsabila](https://www.linkedin.com/in/joenasalsabila)