






















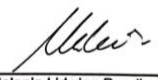
Lampiran 1 Form Bimbingan Tugas Akhir

	<b>FORMULIR PEMBIMBINGAN SKRIPSI/TA</b>	SPT-I/03/SOP-28/F-03
		No. Rekam


Nama Mahasiswa : GABRIELLE EKAPITTA  
 Prodi/NIM : Arsitektur / 2020101042  
 Judul Skripsi/TA yang diajukan : PERANCANGAN TRANSPORTATION HUB DAN TRANSIT HOTEL  
 SEBAGAI SOLUSI KONEKTIVITAS DI BANDARA JUANDA

No	Tanggal	Materi Pembimbingan	Paraf Mhs	Paraf Dosen Pembimbing
1	23/01/2024	• Revisi Proposal Tugas Akhir		
2	01/02/2024	• Bimbingan 3D jalur kendaraan umum		
3	15/02/2024	• Bimbingan gubahan massa & sirkulasi		
4	28/02/2024	• Bimbingan bentuk atap		
5	19/03/2024	• Bimbingan bentuk atap		
6	07/05/2024	• Bimbingan denah ruang dan sirkulasi kendaraan umum		
7	27/05/2024	• Bimbingan bentuk, struktur, denah, dan sirkulasi		
8	30/06/2024	• Asistensi denah		
9	13/06/2024	• Asistensi denah		

\* Jika pembimbingan lebih dari minimal 8 kali, mohon membuat salinan formulir ini

	
Gabrielle Ekapitta	Ar. Melania Lidwina Pandiangan, S.T., M.T., G.P.

## Lampiran 2 Formulir Pengajuan Sidang Tugas Akhir





	<b>FORMULIR PENGAJUAN SIDANG SKRIPSI/TA</b>	SPT-I/04/SOP-06/F-01

**Nama Mahasiswa** : Gabrielle Ekapitta  
**Prodi/NIM** : Arsitektur / 2020101042  
**Judul Skripsi/TA** : PERANCANGAN TRANSPORTATION HUB DAN TRANSIT HOTEL SEBAGAI SOLUSI KONEKTIVITAS DI BANDARA JUANDA  
  
**Dosen Pembimbing** : 1. Ar. Melania Lidwina  
Pendanaan, S.T., M.T., GP  
  
**Dosen Penguji** : 1. Rahma Purisari, S.T.Ars., M.Ars., GP JAD : LEKTOR  
: 2. Ir. H. Achmad Noerzaman, MM.IAI JAD : \_\_\_\_\_  
: \_\_\_\_\_  
  
**Jadwal Sidang** : Tempat : R.Rapat Mezanine 2 Hari/Tanggal: Rabu, 03 Juli 2024  
Gaduno A.U.P.I

Telah memenuhi syarat Sidang Skripsi/TA: (mohon beri tanda V untuk syarat yang relevan)


No	Syarat	Ya	Tidak
1	IPK minimal 2.00	✓	
2	Tidak ada nilai D untuk mata kuliah mayor/inti Prodi	✓	
3	MK Skripsi/TA tercantum di BRS semester berjalan	✓	
4	Lulus minimal 1 mata kuliah KOTA untuk tiap rumpun	✓	
5	SPT-I/03/SOP-28/F-03 Formulir Pembimbingan Skripsi (minimal 8 x)	✓	
6	Poin JSDP (minimal 75% persen dari syarat kelulusan)	✓	
7	Mengumpulkan dokumen Skripsi/TA (sesuai ketentuan Prodi)	✓	

Tangerang Selatan, 09 Juli 2024

Mengajukan	Mengetahui	Memeriksa	Menyetujui
 Gabrielle Ekapitta	 Melania L.P.	 Melania L.P.	 Rahma Purisari
Mahasiswa	Dosen Pembimbing	Koordinator Skripsi/TA	Kaprodi

# Lampiran 3 Poster Tugas Akhir Lembar 1

### CONTEXTUAL OVERVIEW



Juanda International Airport, located in Sidoarjo, Indonesia, serves as a major gateway to the East Java region. Situated approximately 13 kilometers from Surabaya's city center, Juanda Airport handles a significant volume of passenger traffic annually. It offers a wide array of flights connecting Surabaya to various destinations across Indonesia and beyond.

### ISSUES

**30,016,736**  
The increase in the number of passengers at Juanda International Airport.

Limited infrastructure for public transportation users.

Future development plans of Juanda International Airport's expansion and urban development plans to enhance Surabaya's public transportation and to promote sustainable development to improve the quality of life for residents.

### RAIL ROUTES



Available Route  
Proposed Route  
Proposed People Mover Route

### ZONE PROGRAMMING



By adding more routes and function, the existence of the transportation hub aims to enhance the mobility of airport users in the city and Juanda Airport, Sidoarjo.

### MODES CONNECTIVITY



Connectivity of transportation modes that are currently supported in the Juanda International Airport area.

### USER ANALYSIS

#### TRAVEL PURPOSES



The large number of passengers on business trips to Surabaya means that Juanda International Airport requires a transit hotel.

### DESIGN APPROACH

#### Architectural Continuity

By respecting the existing terminal's presence, transportation hub building can create a harmonious architectural ensemble. This continuity can enhance the overall aesthetic appeal of the site.

#### User Experience

The transportation hub building introduce modern amenities, improved spatial layouts, innovative design elements that enhance the user experience.



# JUANDA

## INTERMODAL HUB

One stop layover destination.

Gabriele Erappilla - 2020101042  
Pembimbing 1 - Ar. Meliana Lidwina Panbangaran, S.T., M.T., G.P.  
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# Lampiran 4 Poster Tugas Akhir Lembar 2

## JUANDA

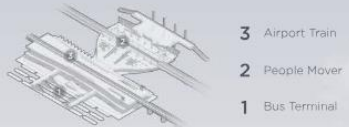
### INTERMODAL HUB

One stop layover destination.




#### DESIGN CONCEPT

Centralized hub design with vertical separation concept



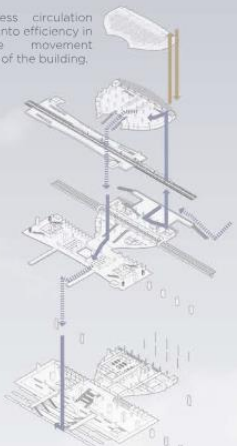
#### SED CONCEPT

- Public Transit Integration
- Optimize Natural Lighting
- The use of Low-E Glass




#### CIRCULATION CONCEPT

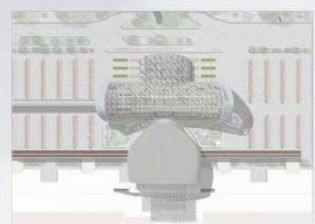
Seamless circulation leads into efficiency in people movement inside of the building.




#### SITE PLAN




#### BLOCK PLAN



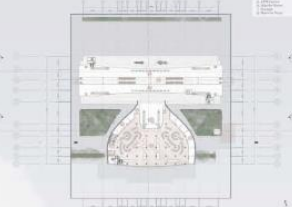
#### FIRST FLOOR PLAN



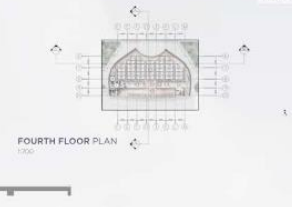
#### SECOND FLOOR PLAN



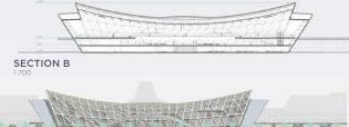
#### THIRD FLOOR PLAN



#### FOURTH FLOOR PLAN




#### SECTION B




NORTH ELEVATION

#### SECTION A




EAST ELEVATION

#### SECTION C




SOUTH ELEVATION

#### SECTION D




WEST ELEVATION

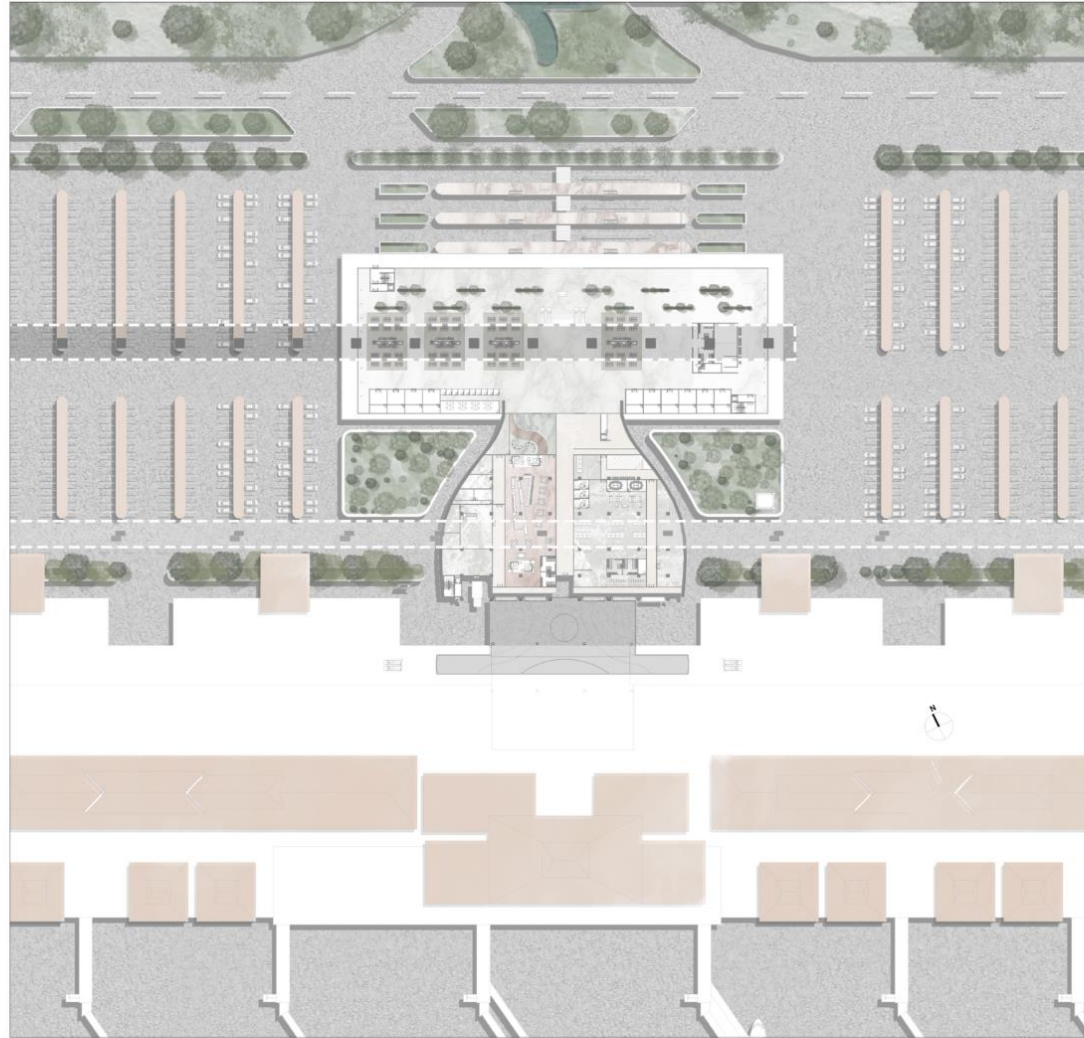


Gabrielle Biopatia - 2020101042  
 Prillyandari T. Aji, Medina Lubiana Panjaitan, S.T., M.T., C.P.  
 Semester: Genjab Tahun Ajaran 2020/2021

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## Lampiran 5 Site Plan



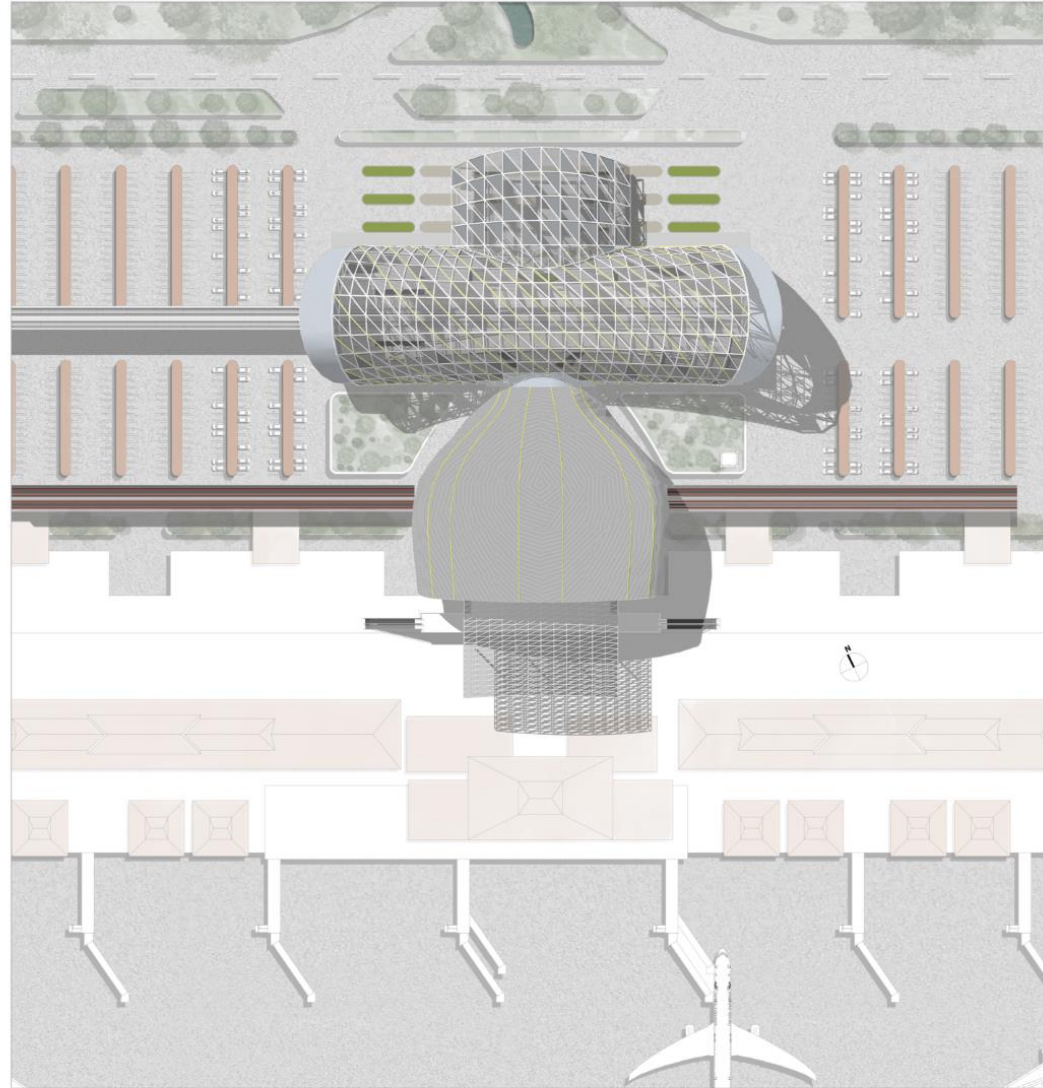
**SITE PLAN**  
1:XXX

Gabriella Estapilla - 2020101042  
Pembimbing 1: Ari Melena Lovina Pandiangan, S.T., M.T., G.P.  
Semester Gelimang Tahun Ajaran 2023/2024

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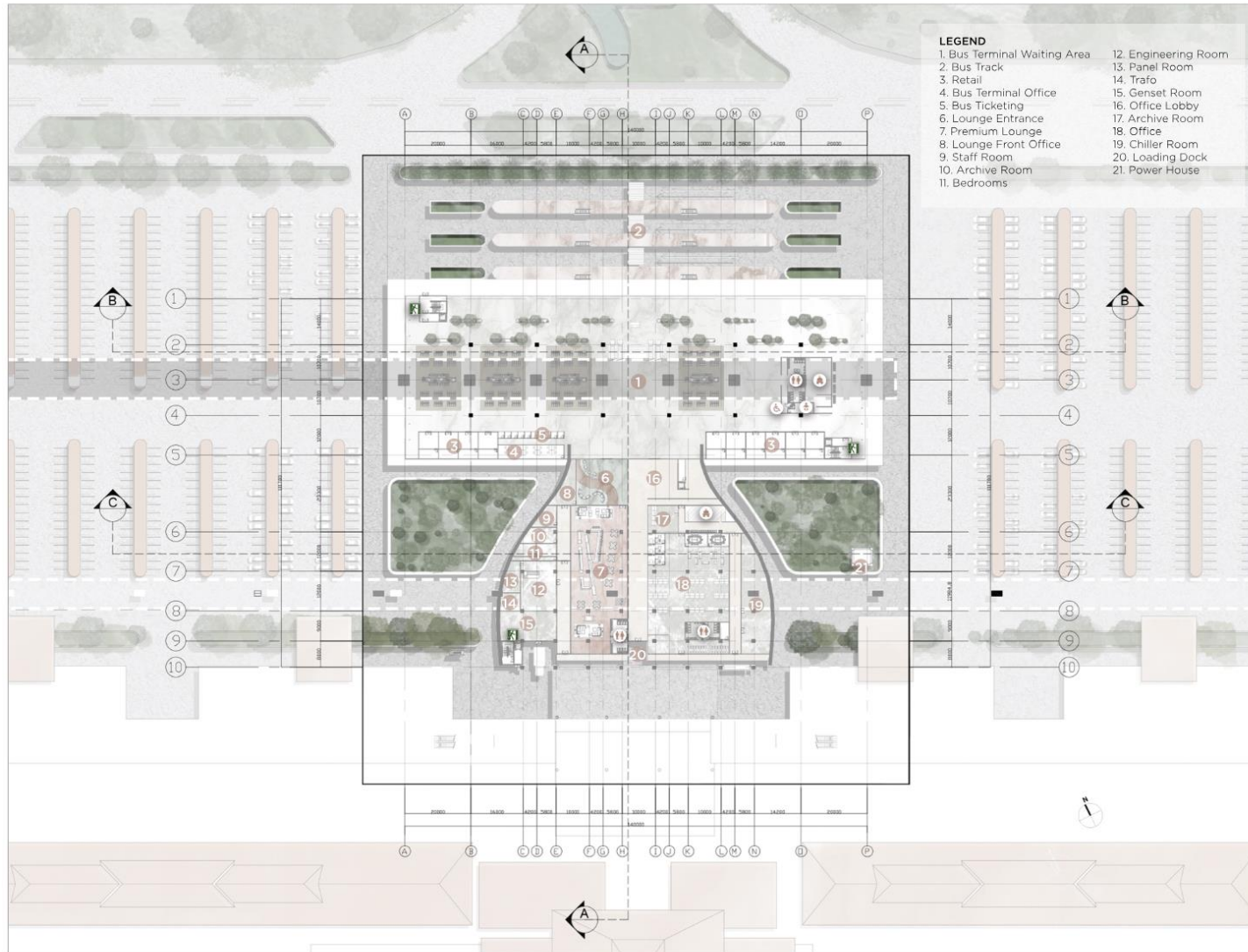


# Lampiran 6 Block Plan



**BLOCK PLAN**  
1:1000

# Lampiran 7 Denah Lantai 1



**FIRST FLOOR PLAN**  
1:1000

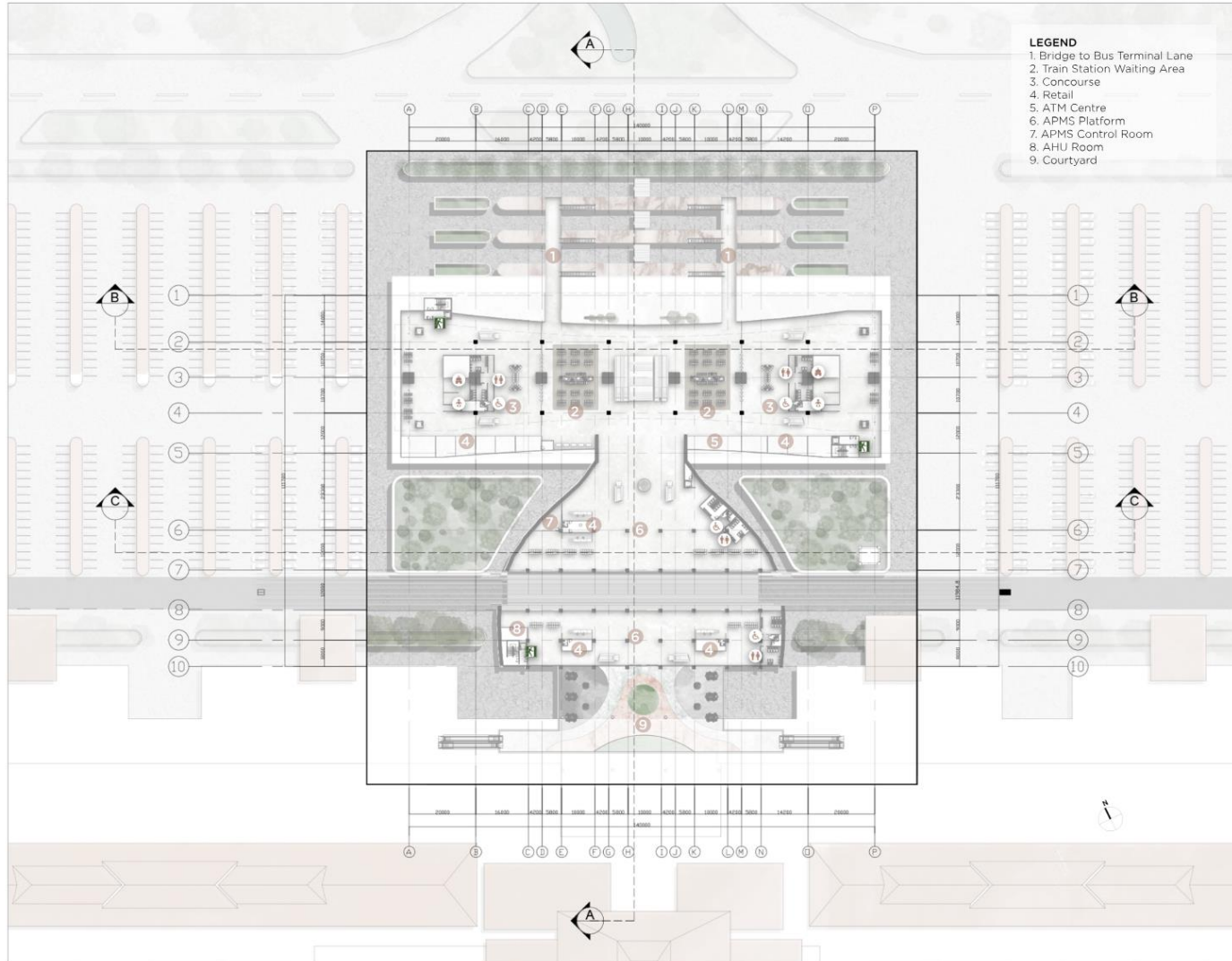
Gabriella Elapilla - 2020101042  
Pembimbing 1 : Ar. Melinda Ldwing Pondangan, S.T., M.T., G.P.  
Semester Genap Tahun Ajaran 2023/2024

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# Lampiran 8 Denah Lantai 2

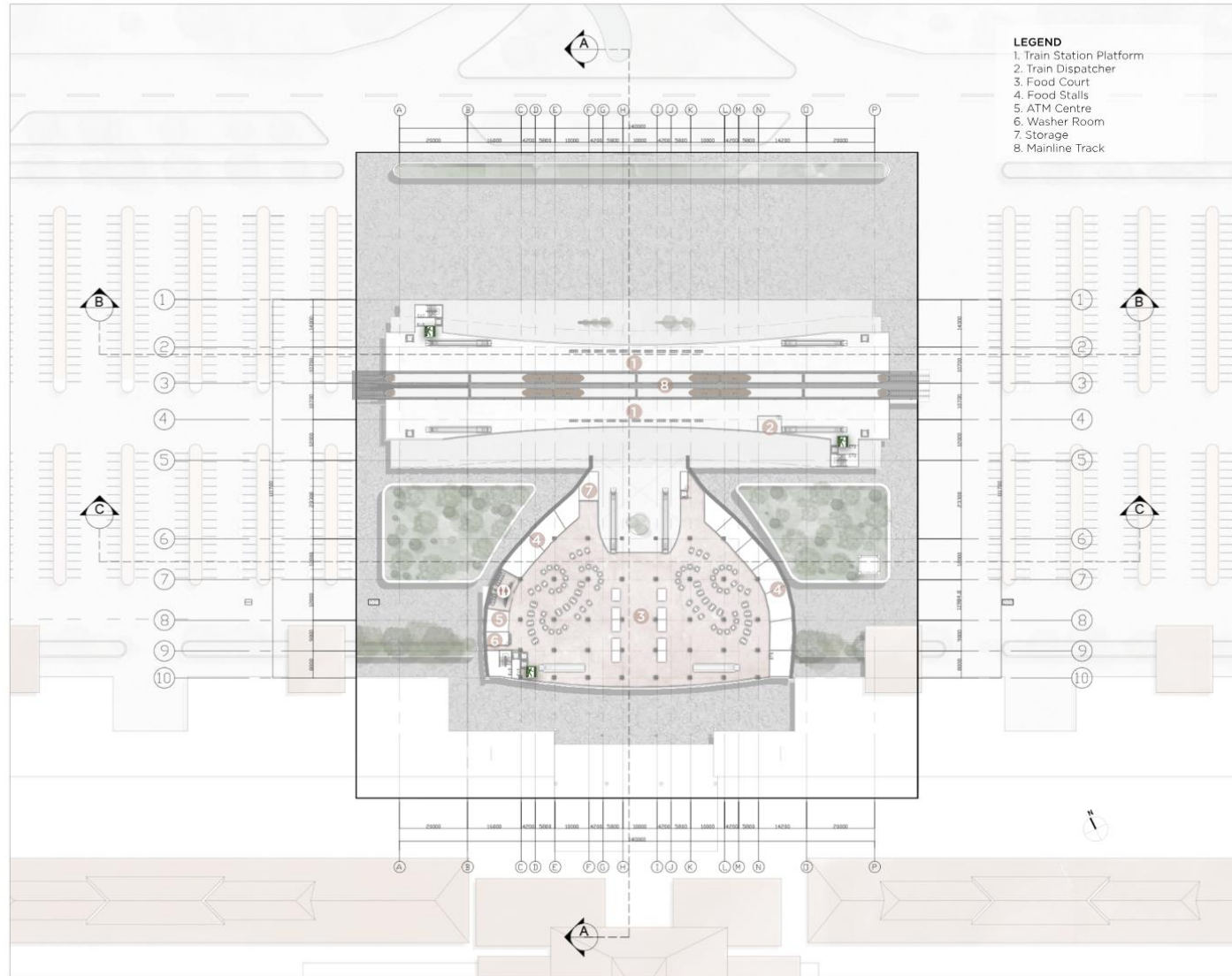


**SECOND FLOOR PLAN**  
1:1000

Gabrielle Ekaputra - 2026101042  
 Pembimbing 1 - Ar. Melanio Lidwina Pandarongan, S.T., M.T., C.P.  
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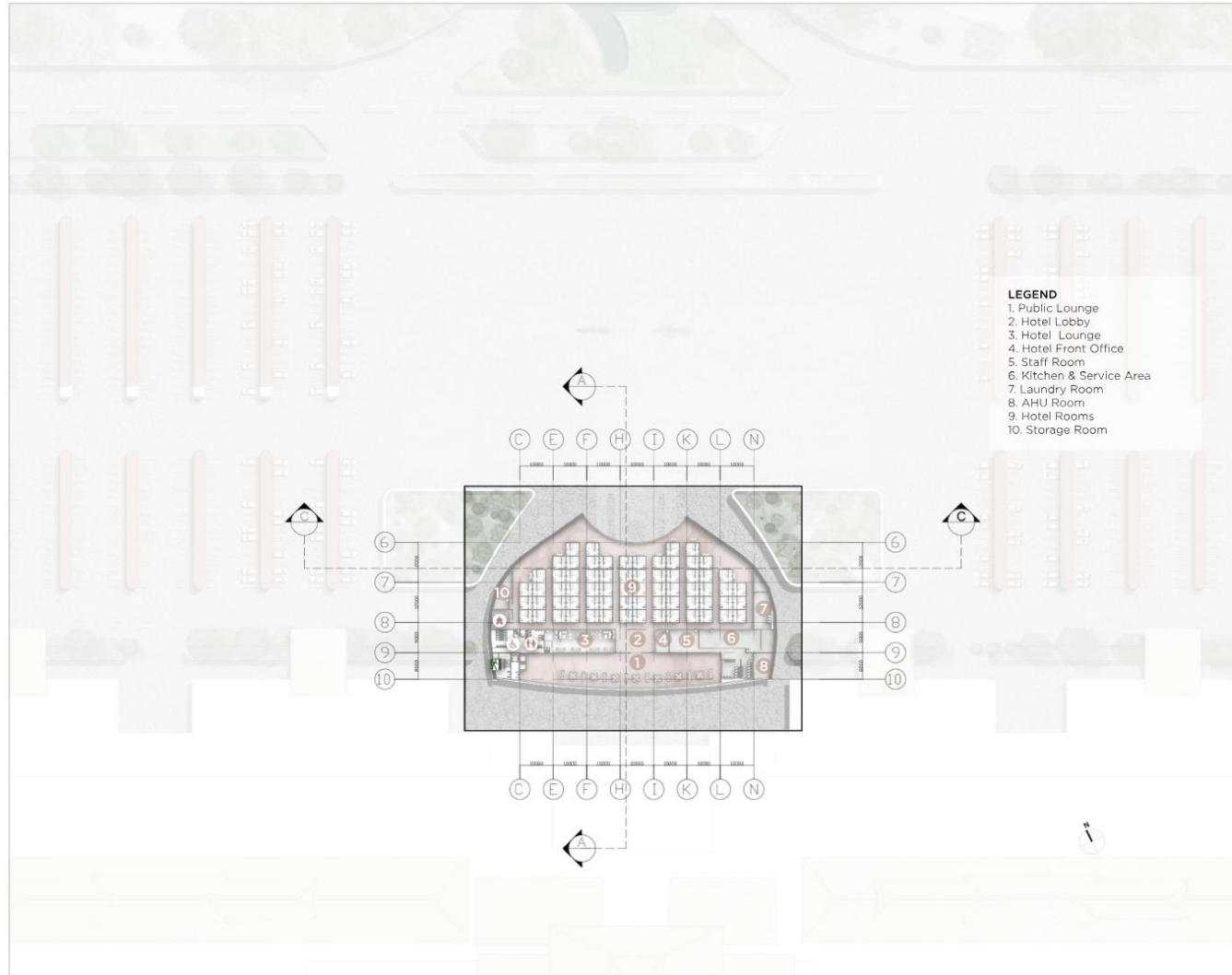
# Lampiran 9 Denah Lantai 3



**THIRD FLOOR PLAN**  
1:1000

Gabriele Elapilla, 2020101042  
Pembimbing 1: Ar. Melania Utwining Pandangnan, S.T., M.T., G.P.  
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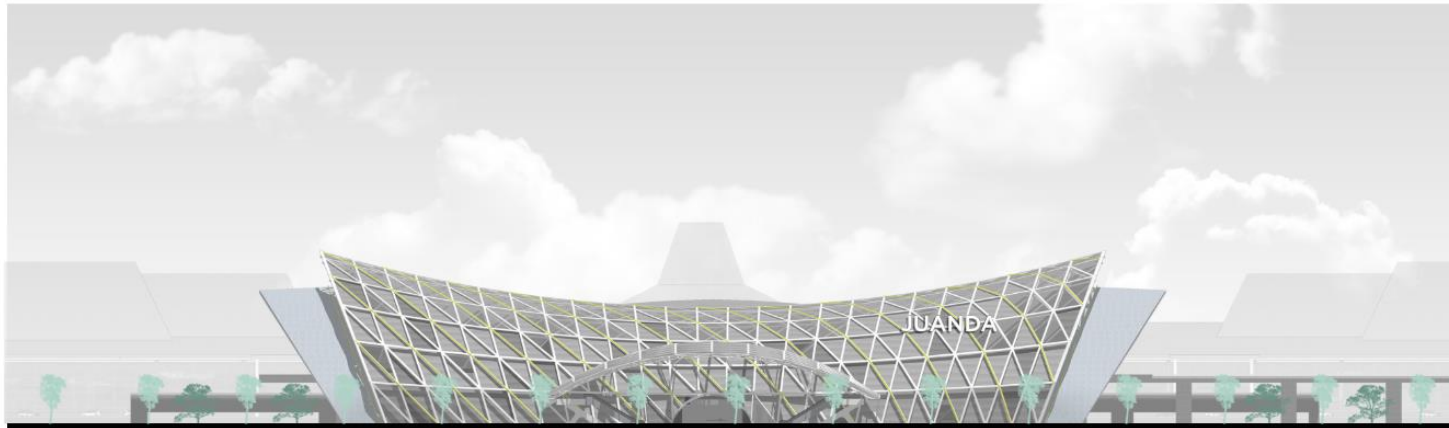
**FOURTH FLOOR PLAN**  
1:1000

Gabrielle Barpita - 2020101042  
Pembimbing 1: Aji Melinda Lavinia Fandriangan, S.T., M.T., G.P.  
Semester Genap Tahun Ajaran 2023/2024

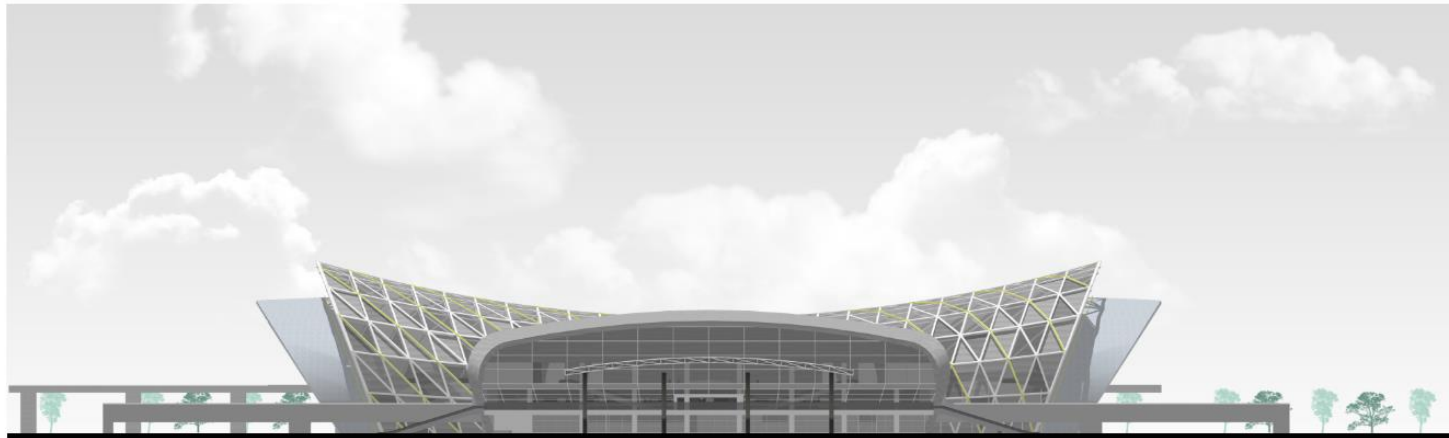
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## Lampiran 11 Tampak 1



**NORTH ELEVATION**  
1:700



**SOUTH ELEVATION**  
1:700

Gabrielde Ekaputra - 2020101042  
Pembimbing 1: Al. Meliana Lovina Pardaningan, S.T., M.T., C.P.  
Semester Ganap Tahun Ajaran 2023/2024

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WEST ELEVATION  
1:700



Gabrielle Elaputra, 2020101042  
Pencapaian 1. Al. Melinda Luvina Pondoragan, S.T., M.T., G.P.  
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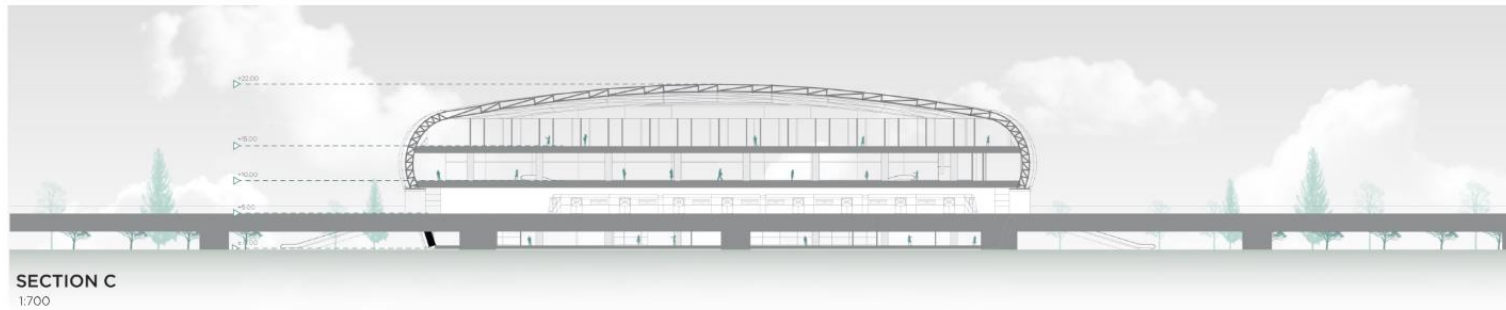
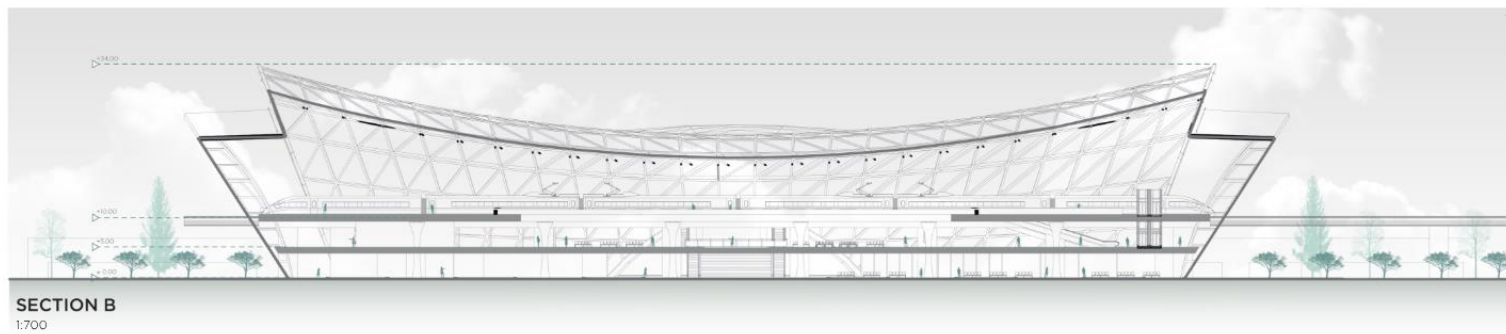
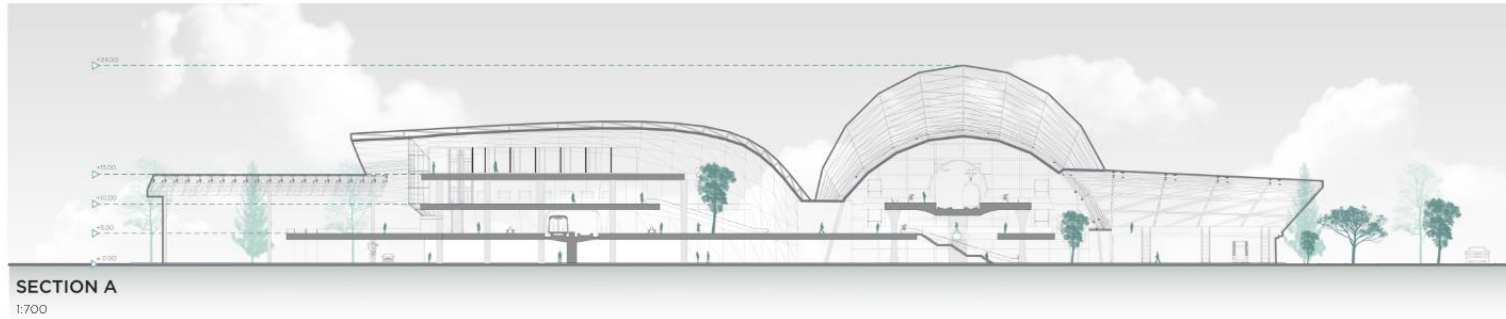
**EAST ELEVATION**  
1:700



Gabriella Ekapriya - 2020101042  
Pendidikan T. Ar. (Estheria Lidwina Pondanonga, S.T., M.T., G.P.  
Jember, Garap, Jember, April 2023/2024



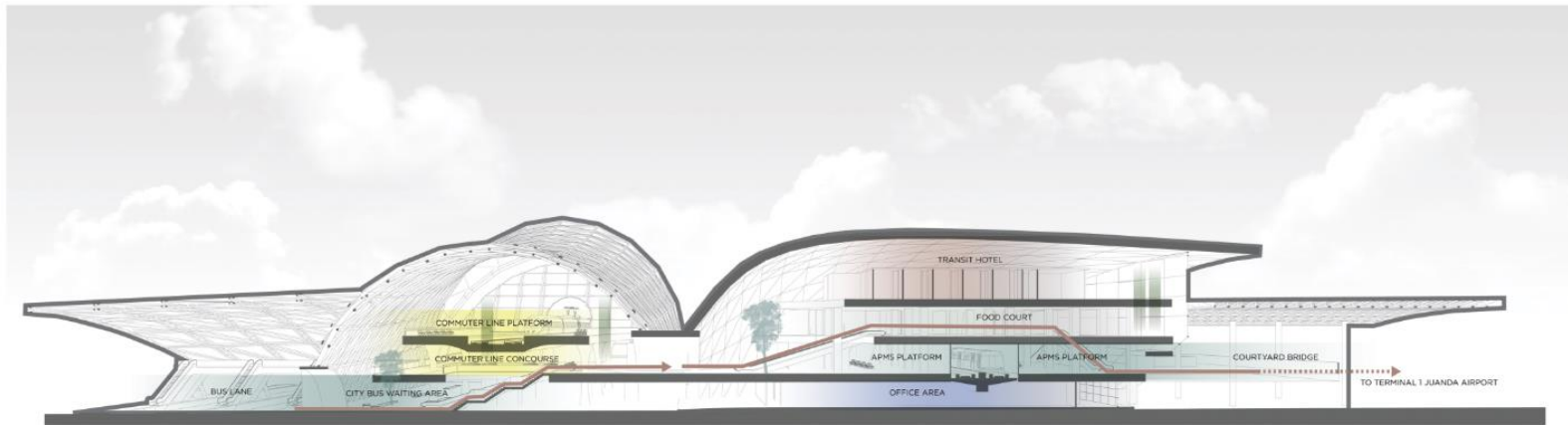
# Lampiran 14 Potongan



Gabriella Elizabeth - 2020101042  
Pembimbing 1 : Ar. Meliana Liliwina Pandiangan, S.T., M.T., G.P.  
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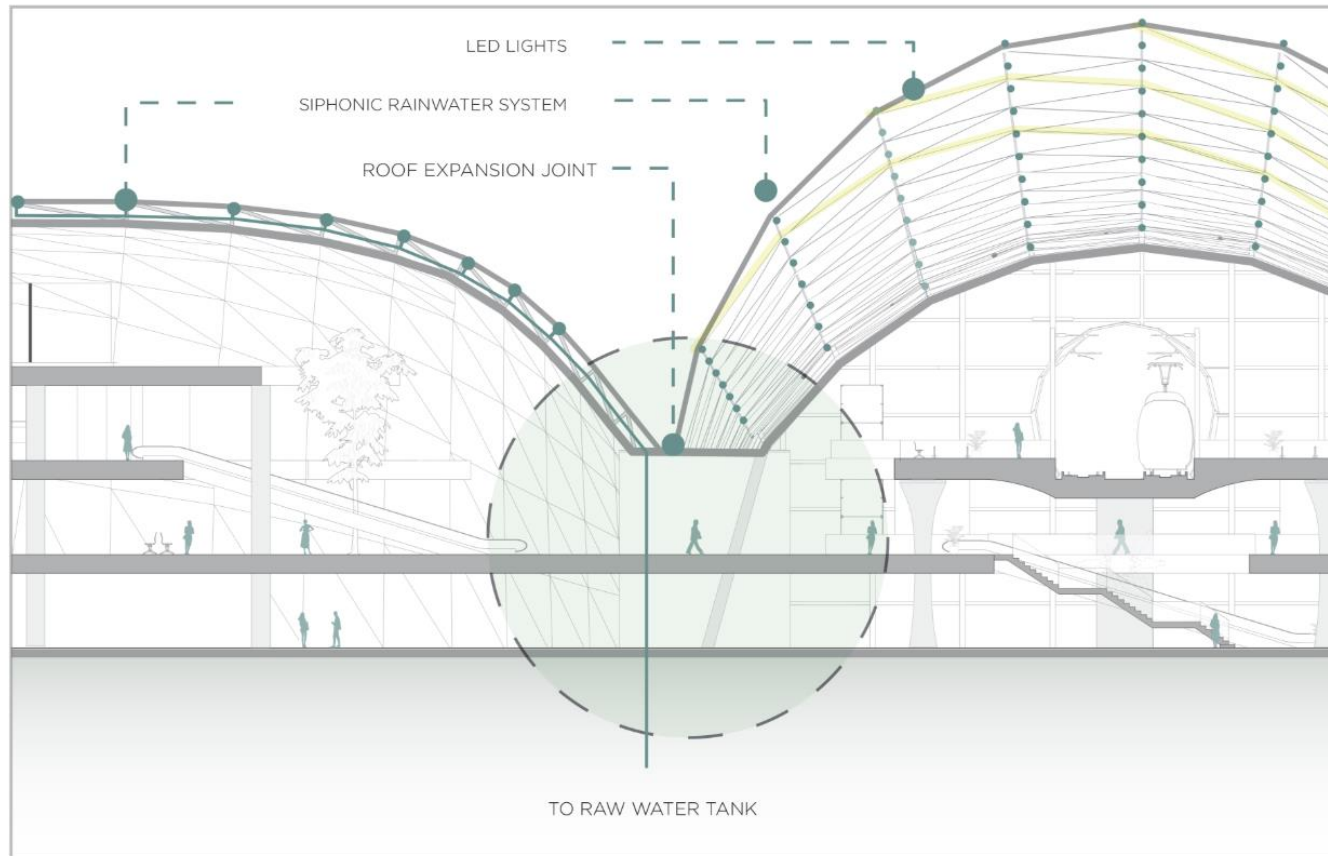
**PERSPECTIVE SECTION**  
NTS

Gabriella Elaptha - 2020101042  
Pembimbing 1 - Ar. Meliana Lidwina Pancadangan, S.T., M.T., G.P.  
Semester Genap Tahun Ajaran 2023/2024

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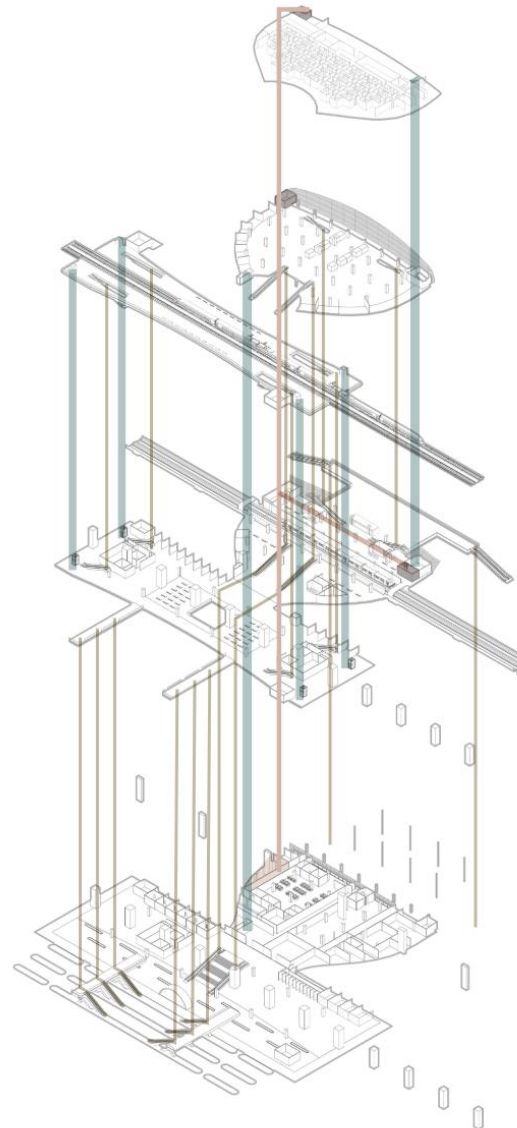


**DETAIL**  
NTS

# Lampiran 17 Isometri Skema Mekanikal

## LEGEND

- ELEVATOR
- ESCALATOR
- CHILLER ROOM
- AHU ROOM



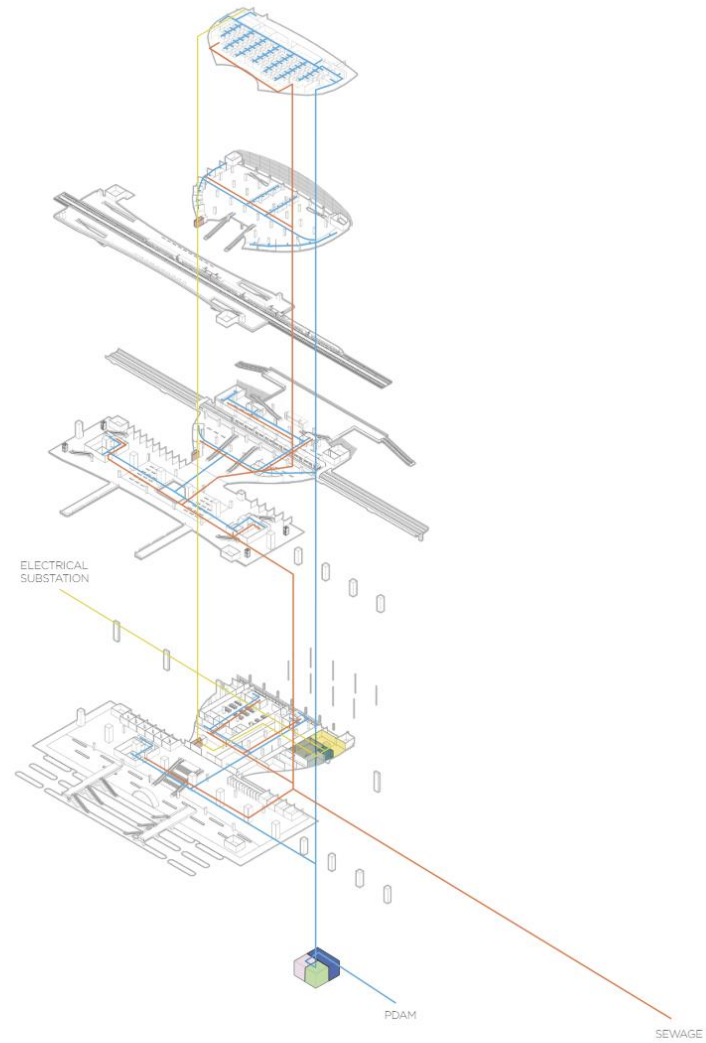
MECHANICAL PLAN  
NTS

# Lampiran 18 Isometri Skema Plumbing & Elektrikal

## LEGEND

- ELECTRICAL
- CLEAN WATER
- BLACK WATER
- ENGINEERING ROOM
- PANEL ROOM
- TRAFO
- GENSET
- PUMP ROOM
- GWT
- RWT

PLUMBING & ELECTRICAL PLAN  
NTS



Gabrielle Ekaputra - 2020101042  
Pembimbing 1 : Ar. Meliana Lawina Pandangan, S.T., M.T., G.P.  
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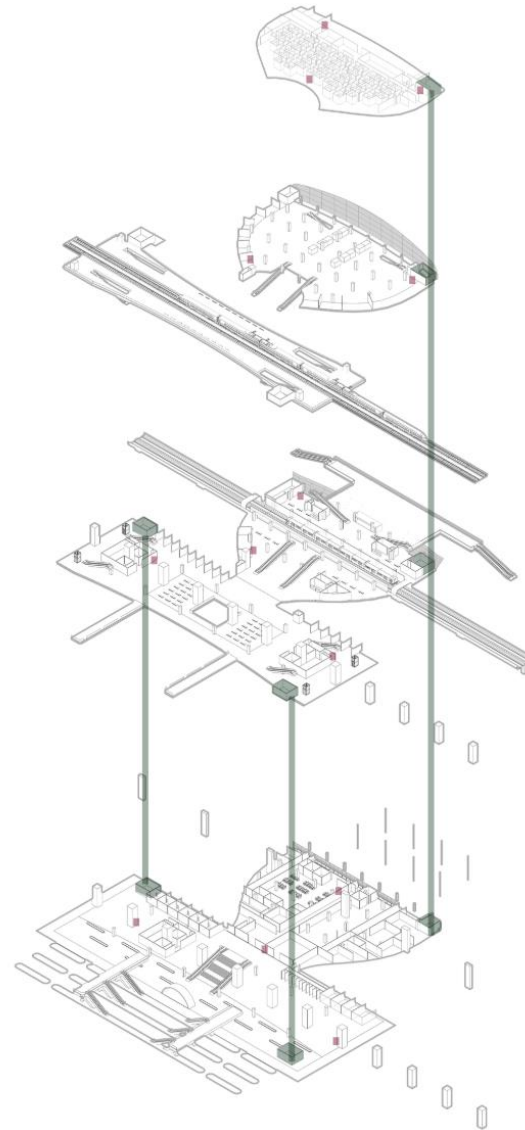


# Lampiran 19 Isometri Skema Keamanan Kebakaran

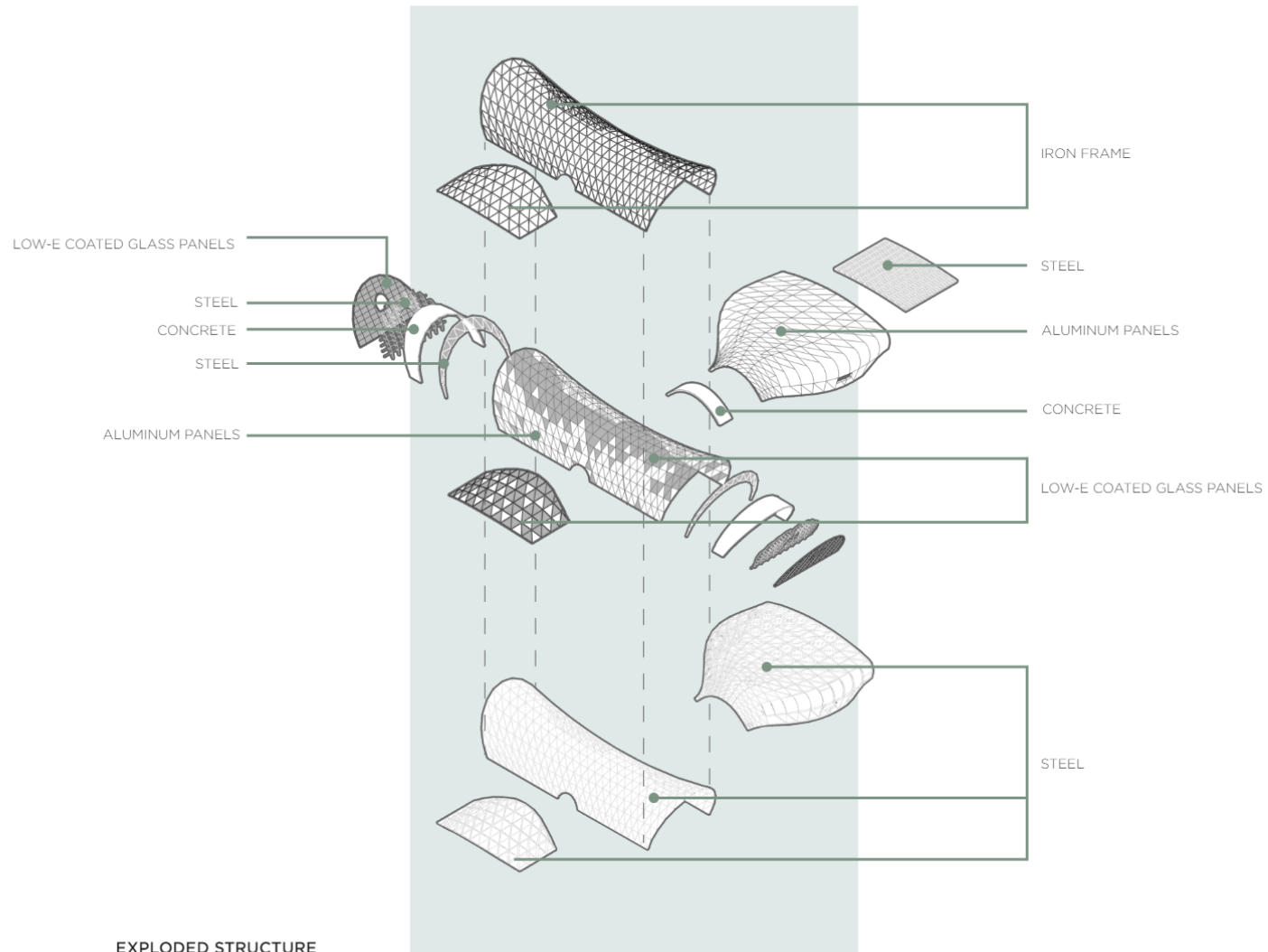
## LEGEND

EMERGENCY STAIRS

HYDRANT



## Lampiran 20 Isometri Skema Struktur

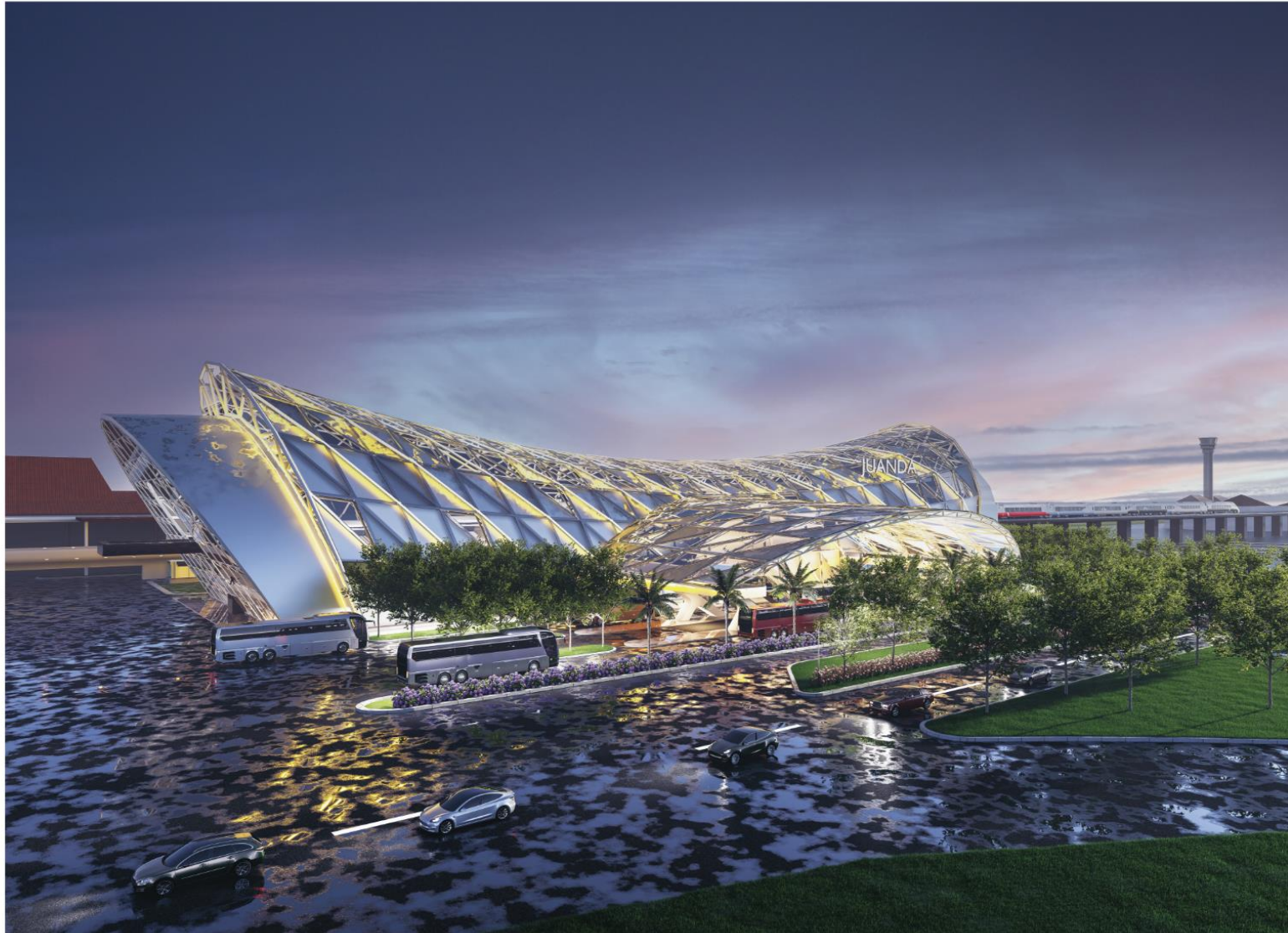


Gabriella Ekaputra - 2020101042  
Pembimbing 1 : Ar. Melania Lidwina Perbangsan, S.T., M.T., G.P.  
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## Lampiran 21 Perspektif Eksterior



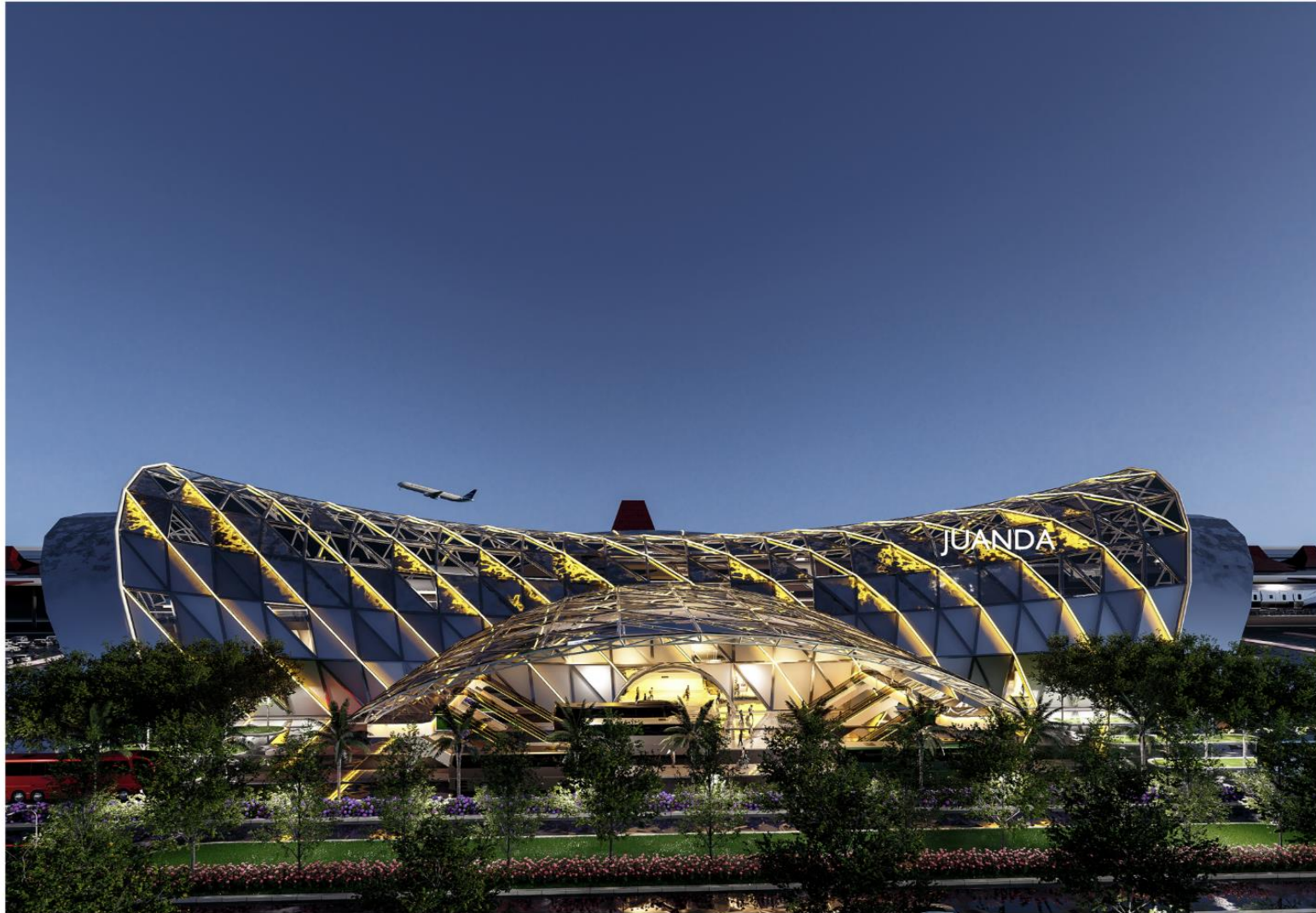
**EXTERIOR PERSPECTIVE**

NTS

Gabriele Blazotta - 2020101042  
Pembimbing 1 : A. Melania Laili Wina Pandiangan, S.T., M.T., G.P.  
Semester Genap Tahun Ajaran 2023/2024

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**EXTERIOR PERSPECTIVE**  
NTS



**BUS TERMINAL INTERIOR PERSPECTIVE**

NTS

Gabriela Escalante - 2020101042  
Fembiring I : A. Melania Luvina Pondonggan, S.T., M.T., G.P.  
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**INTERIOR PERSPECTIVE**  
NTS



TRAIN PLATFORM PERSPECTIVE

NTS

Gabrielle Ekapitro - 2020101042  
Pembimbing 1 : Ar. Meliana Lavinia Pandangran, S.T., M.T., G.P.  
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ACCESS TO OUTDOOR GARDEN

NTS

Guadalupe Alvarado - 2020101045  
Pembimbing 1 : A. Mardiana Lukman Prayalaksana, S.T., M.S., C.P.  
Semester: Desain Tallun - 40001 - 2022/2024

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## Lampiran 27 Aerial View



**AERIAL VIEW**

NTS

Gabriela Ekaputra - 2020101042  
Pembimbing 1 : Ar. Melania Liliwina Pardalangan, S.T., M.T., G.P.  
Semester Genap Tahun Ajaran 2023/2024

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**TRANSIT HOTEL INTERIOR PERSPECTIVE**  
NTS

Gabriela Ekapelita - 2020101042  
Pembimbing 1: Aji Meliana Liohina Fandiangani, S.T., M.T., G.P.  
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INTERIOR PERSPECTIVE  
NTS

Gabrielia Ekaputra - 2020101042  
Pembimbing 1 : Ar. Melanika Lidwina Pandangan, S.T., M.T., G.P.  
Semester Genap Tahun Ajaran 2023/2024

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COURTYARD PERSPECTIVE  
NTS

Cadastre Himpito - 2020/101040  
Aesthering 1 - Ar. Melvina Luthwin Fondangga, S.T., M.T., G.P.  
Semester Genap Tahun Ajaran 2023/2024

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