



Bachelor Final Project

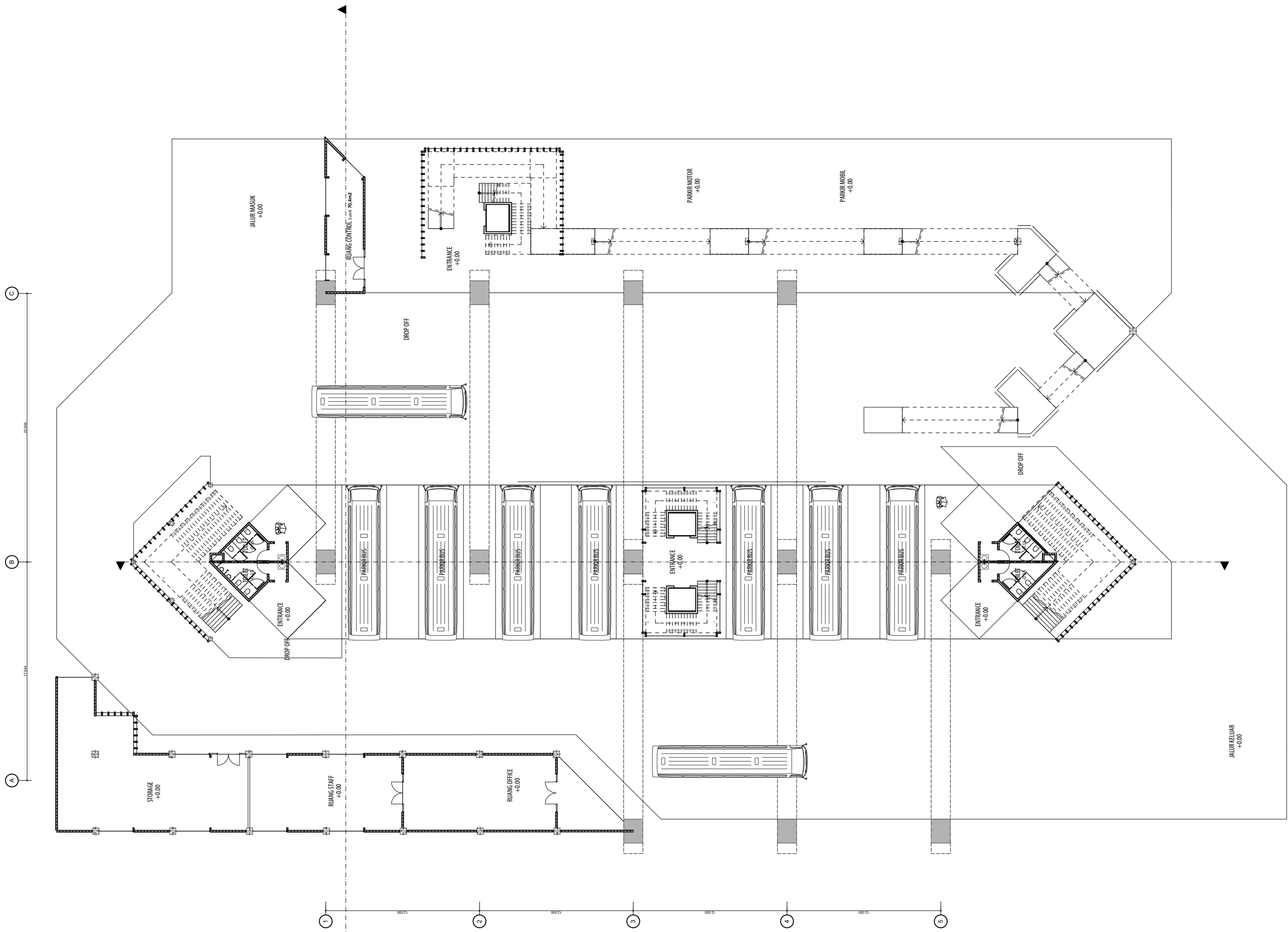
TERMINAL CONDONGCATUR

Desain Transportation Hub dengan Visi Pengembangan
Berbasis MRT di Kota Yogyakarta

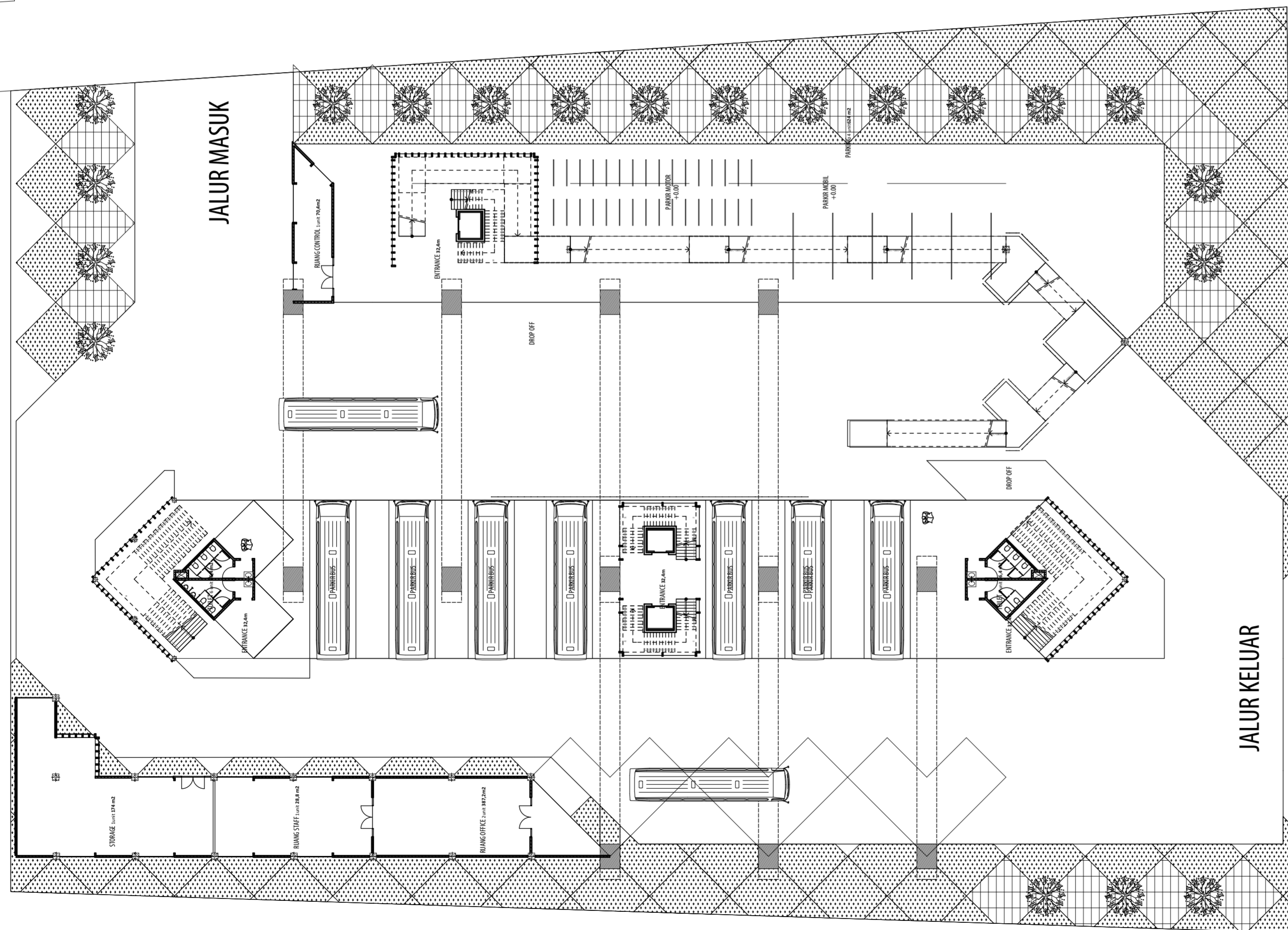
DIMAS GILANG DANANJAYA
14512066

DEPARTMENT of
ARCHITECTURE

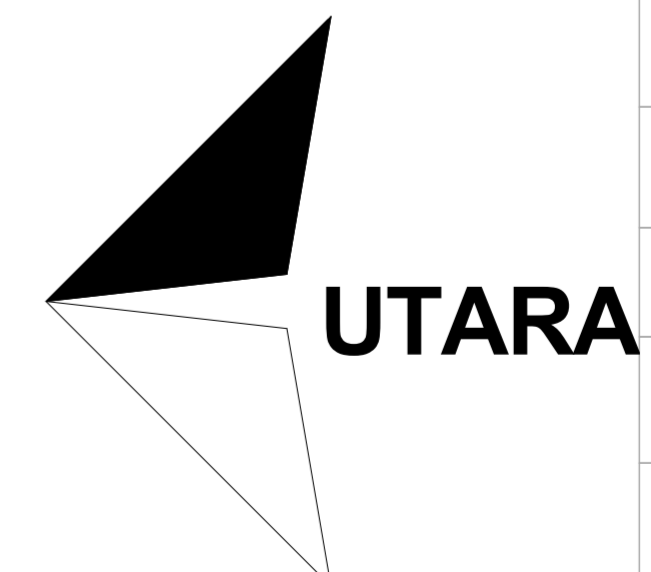


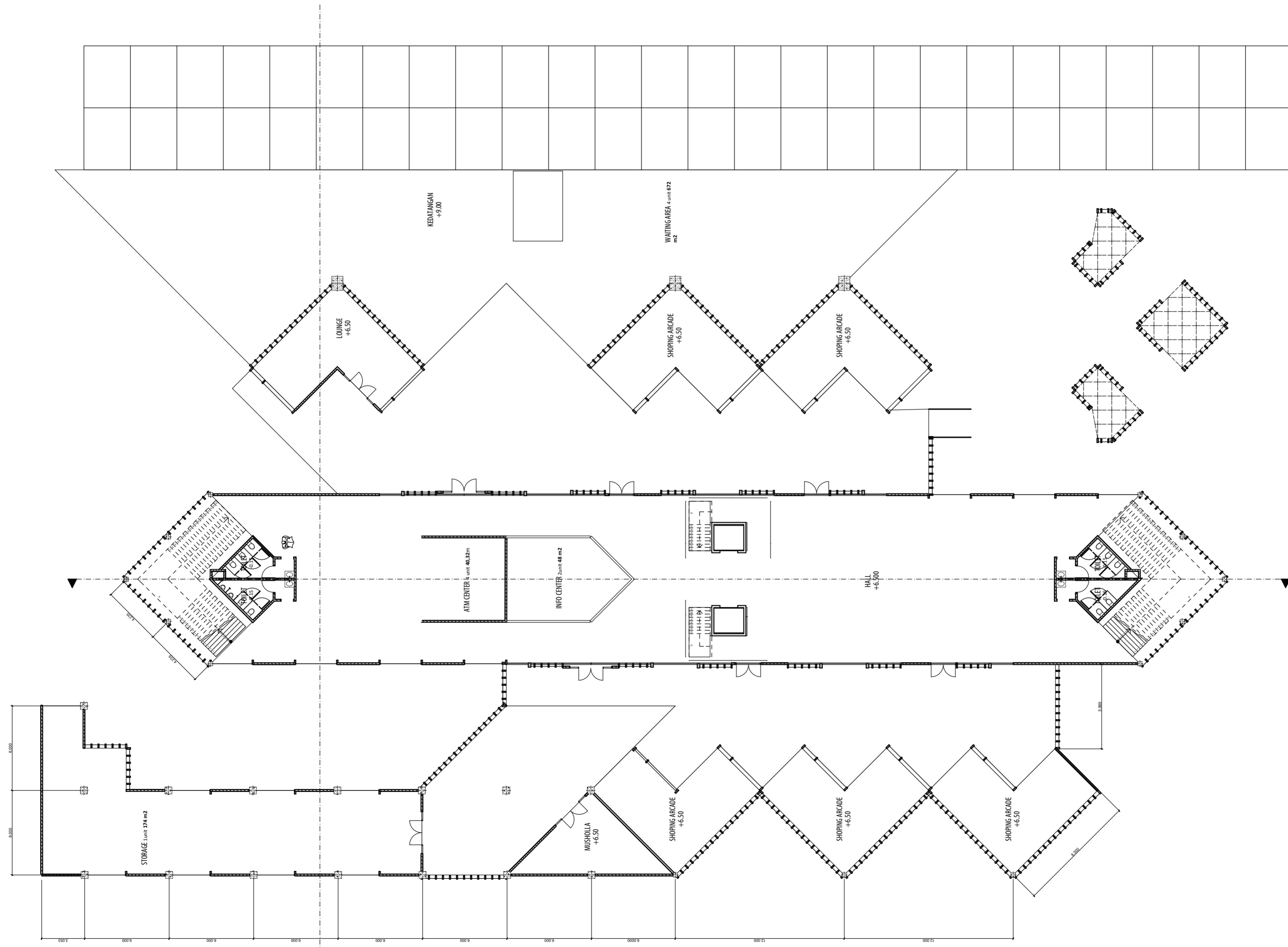


JALAN ANGGAJAYA NO 239



JALAN ANGGAJAYA III







BACHELOR FINAL PROJECT
 DEPARTMENT OF ARCHITECTURE
 FACULTY CIVIL ENGINEERING AND PLANNING
 ISLAMIC UNIVERSITY INDONESIA
 YEAR 2017/2018

PROJECT TITLE
 Terminal Condongcatur, Konsep Desain Transportation
 Hub Dengan Visi Pengembangan Berbasis MRT di Kota
 Yogyakarta
*Condongcatur Terminals, The Concept Of Transportation
 Hub With MRT-Based Development In Yogyakarta*

IDENTITY

NAME
 DIMAS GILANG DANANJAYA

ID NUMBER
 14512066

Approve By

LECTURER
 Noor Choliz Idham Ph.d, IAI

EXAMINER
 Dr. Arif Wisnadi M.Sc

CAPTION

DRAW TITLE
 DENAH SUB BASEMENT

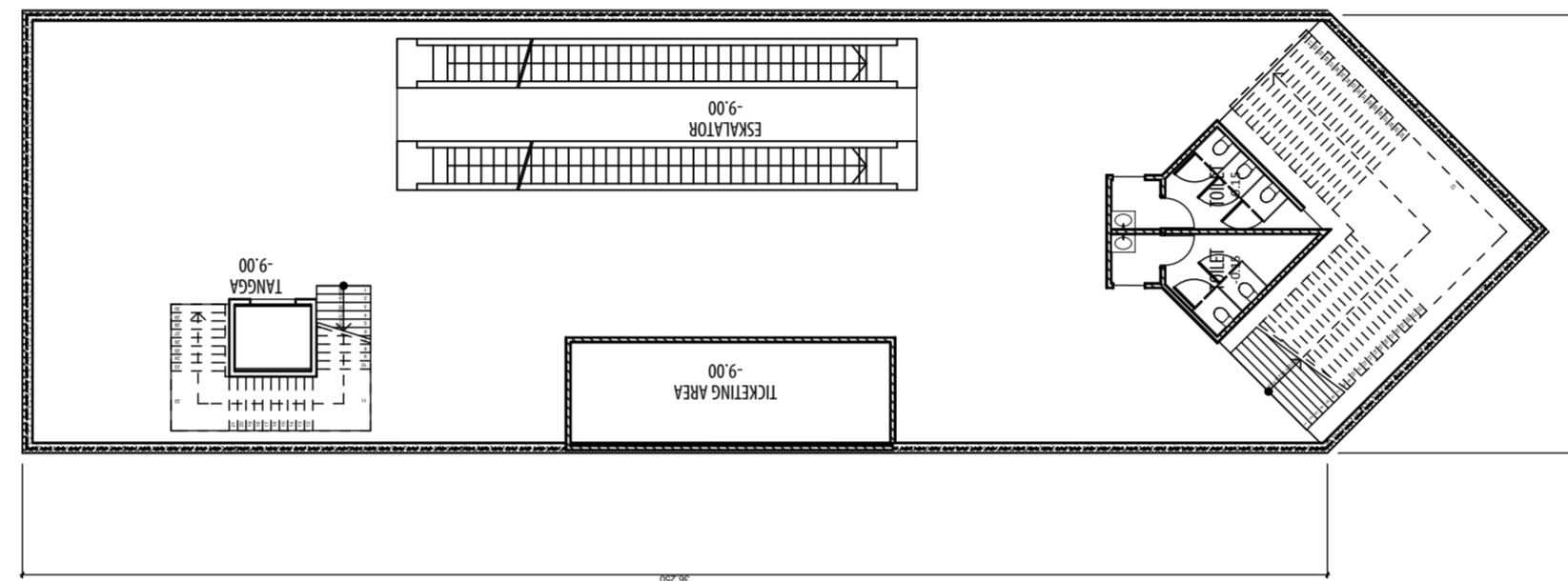
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PAGE NUMBER
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TOTAL PAGE
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Note





BACHELOR FINAL PROJECT
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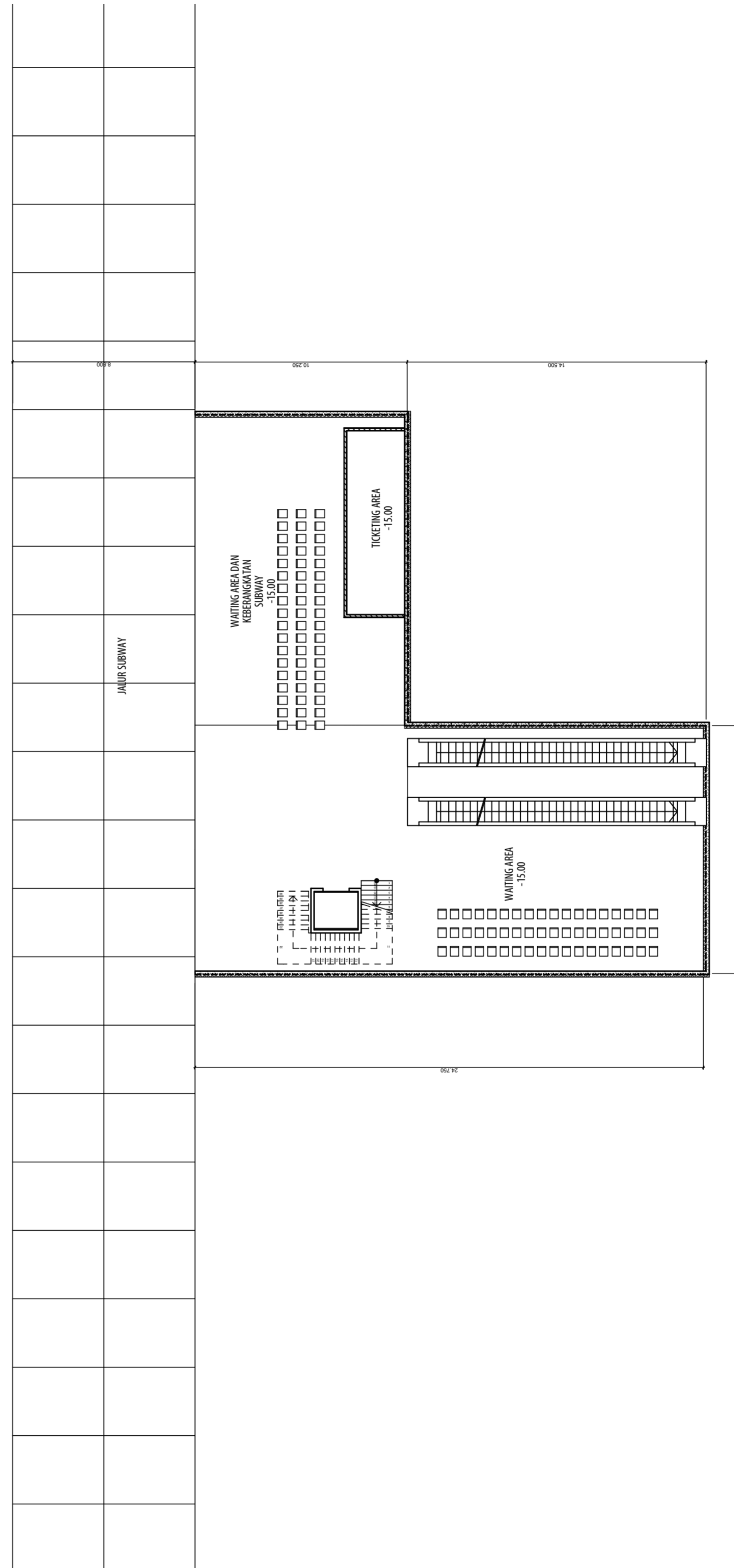
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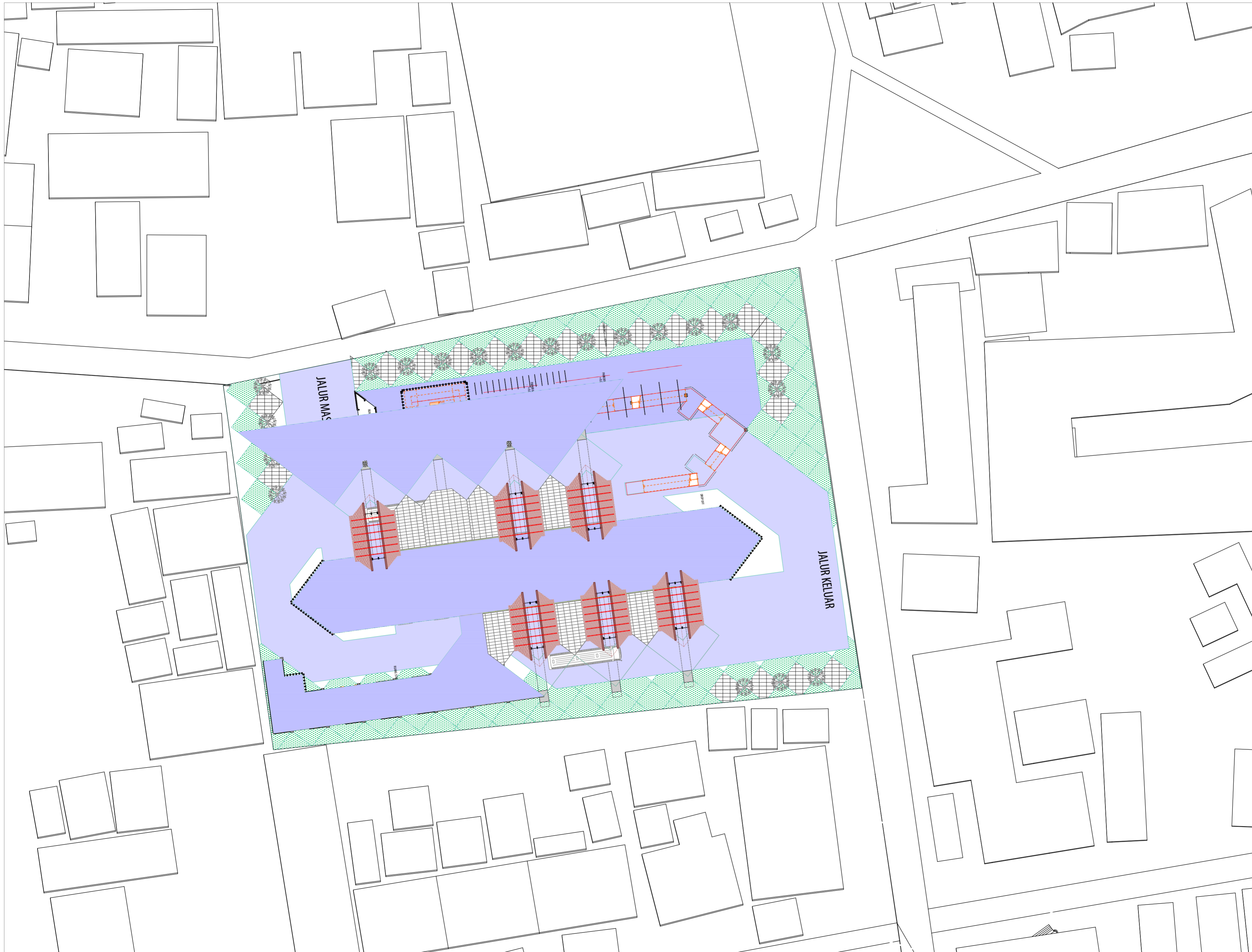
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CAPTION

DRAW TITLE

SITUASI

Layout ID

02.6

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PAGE NUMBER

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TOTAL PAGE

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DRAW TITLE

TAMPAK SELATAN

Layout ID

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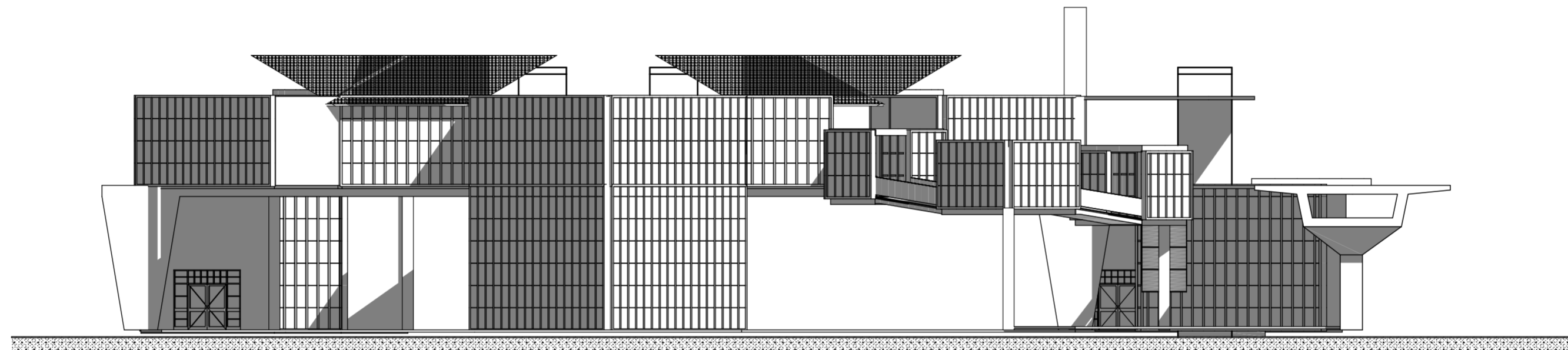
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DRAW TITLE
TAMPAK UTARA

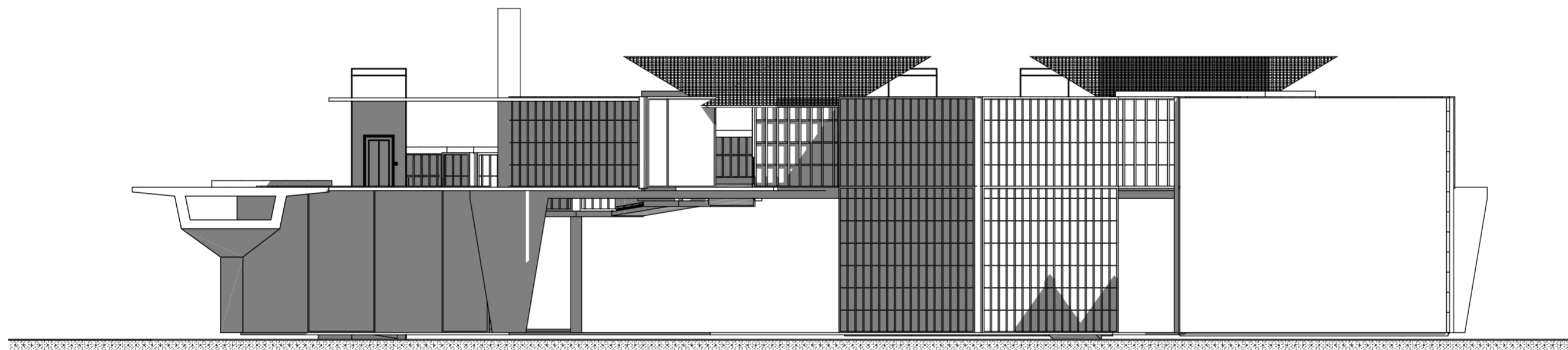
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DRAW TITLE

TAMPAK BARAT

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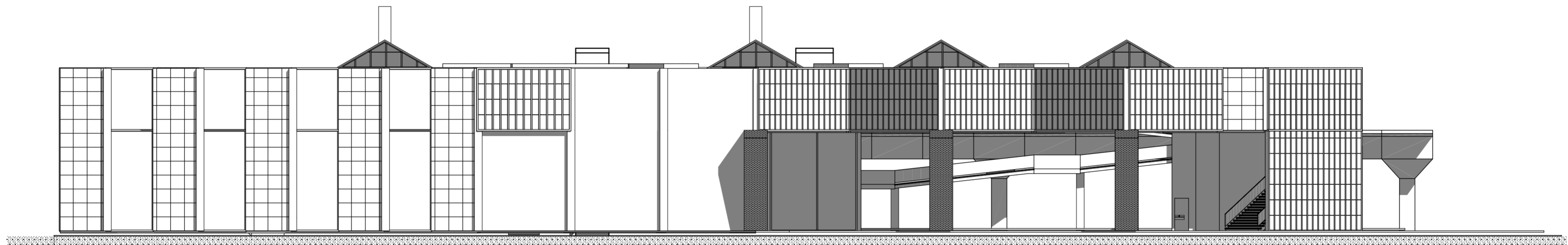
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TAMPAKTIMUR

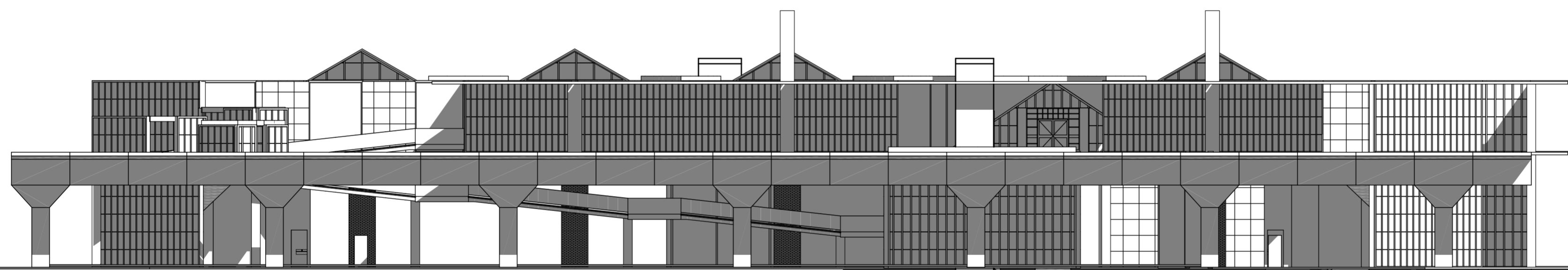
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 POT A.A.

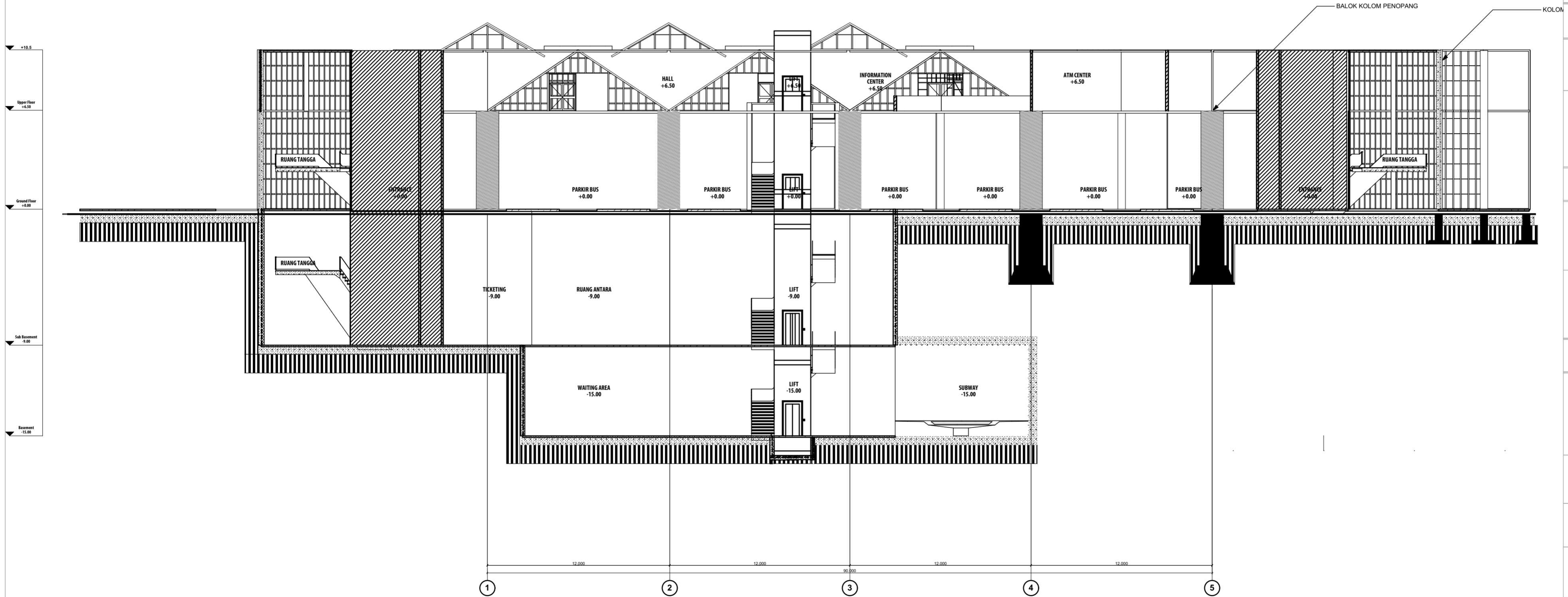
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POT B.B.

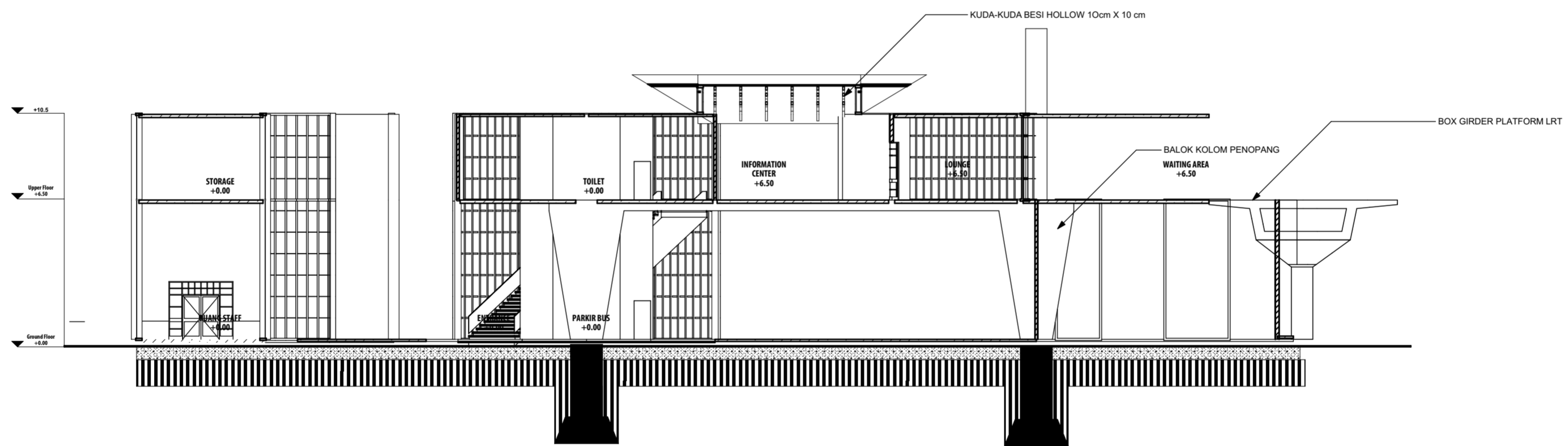
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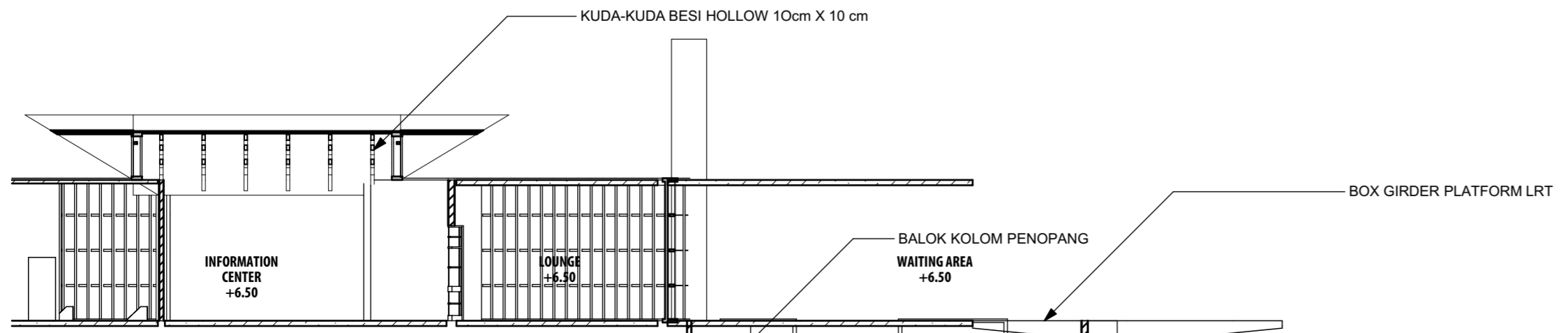
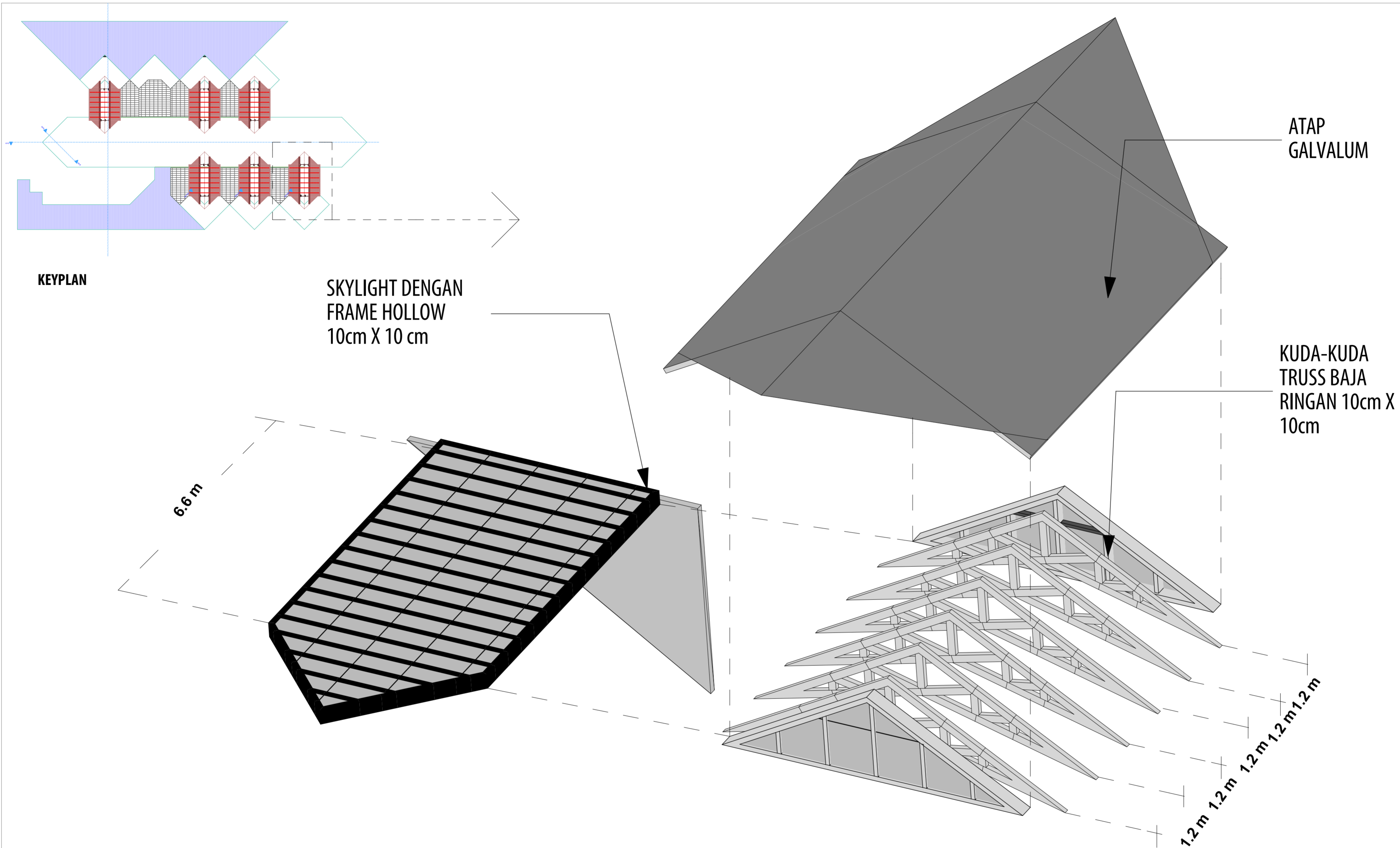
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PAGE NUMBER
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Note





DETAIL 3D SELUBUNG ATAP BANGUNAN
SKALA 1:50



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DRAW TITLE

DETAIL SELUBUNG BANGUNAN

Layout ID

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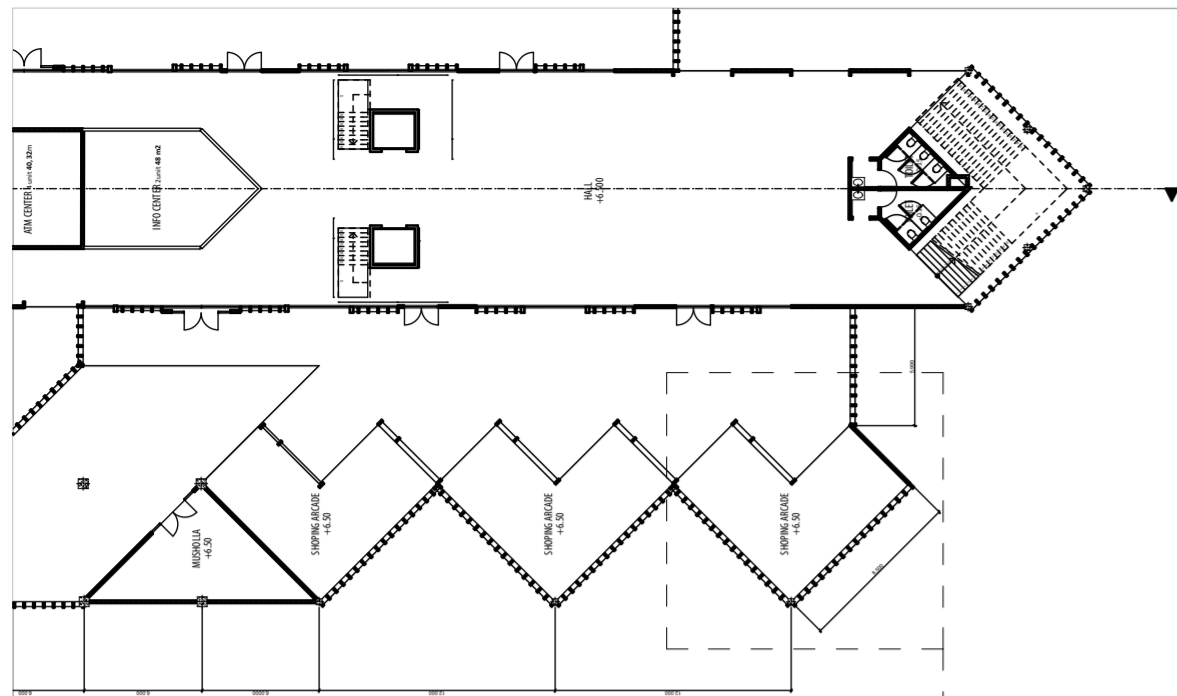
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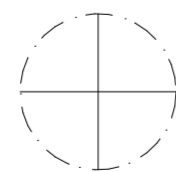
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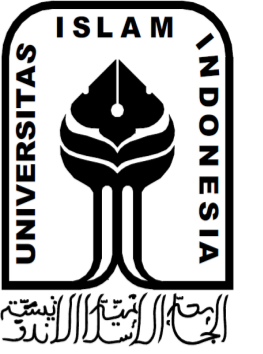
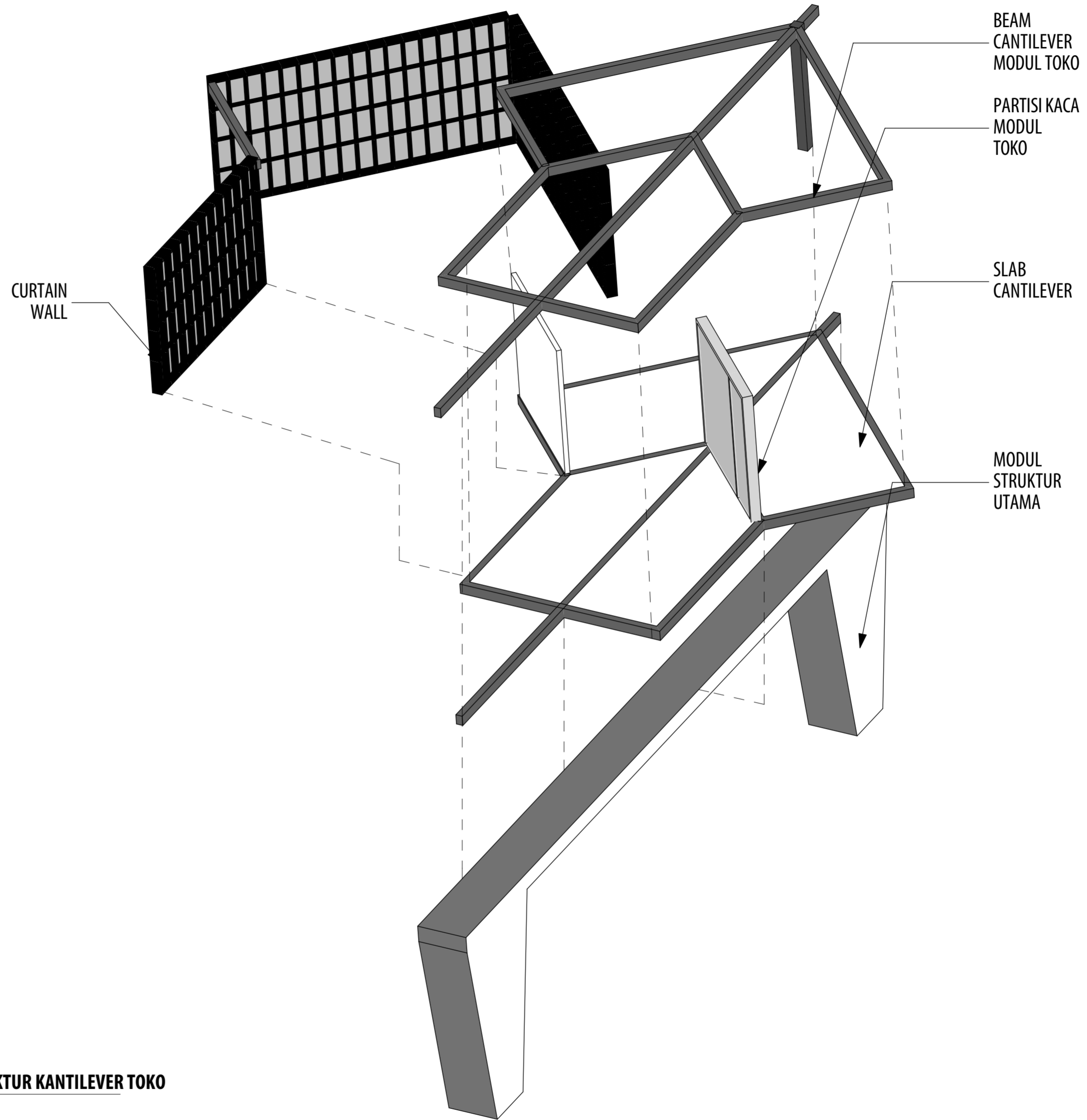
Note



KEYPLAN



DETAIL 3D MODUL STRUKTUR KANTILEVER TOKO
SKALA 1:100



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DETAIL ARSITEKTURAL KHUSUS

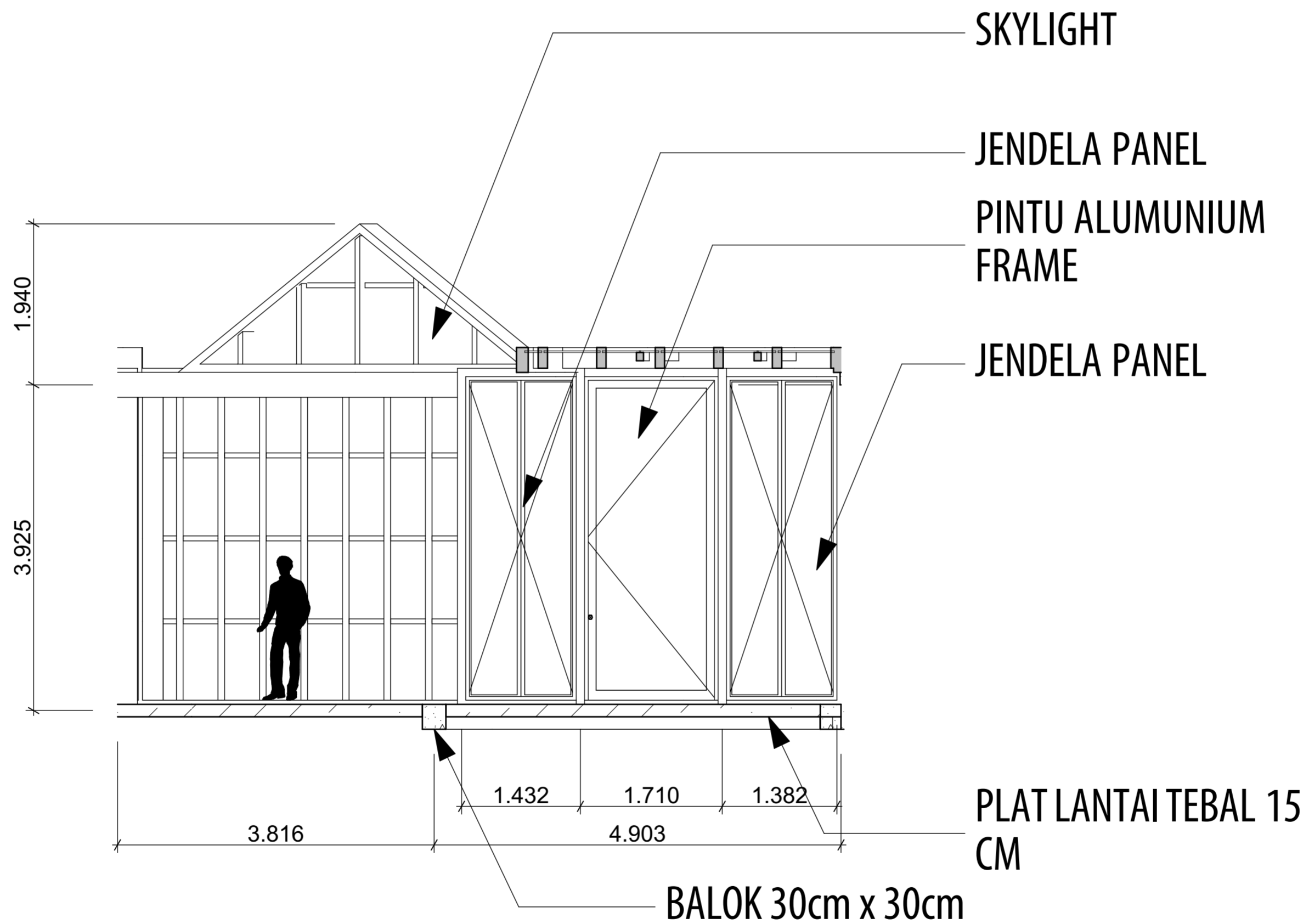
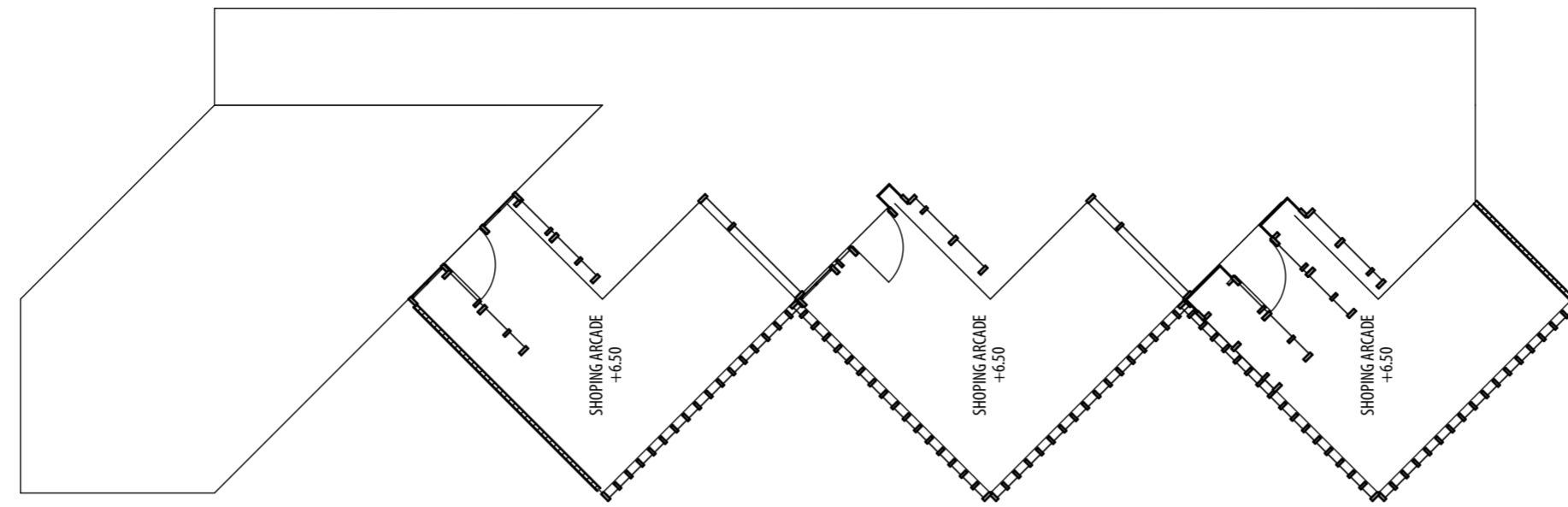
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TOTAL PAGE
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Note



SKYLIGHT

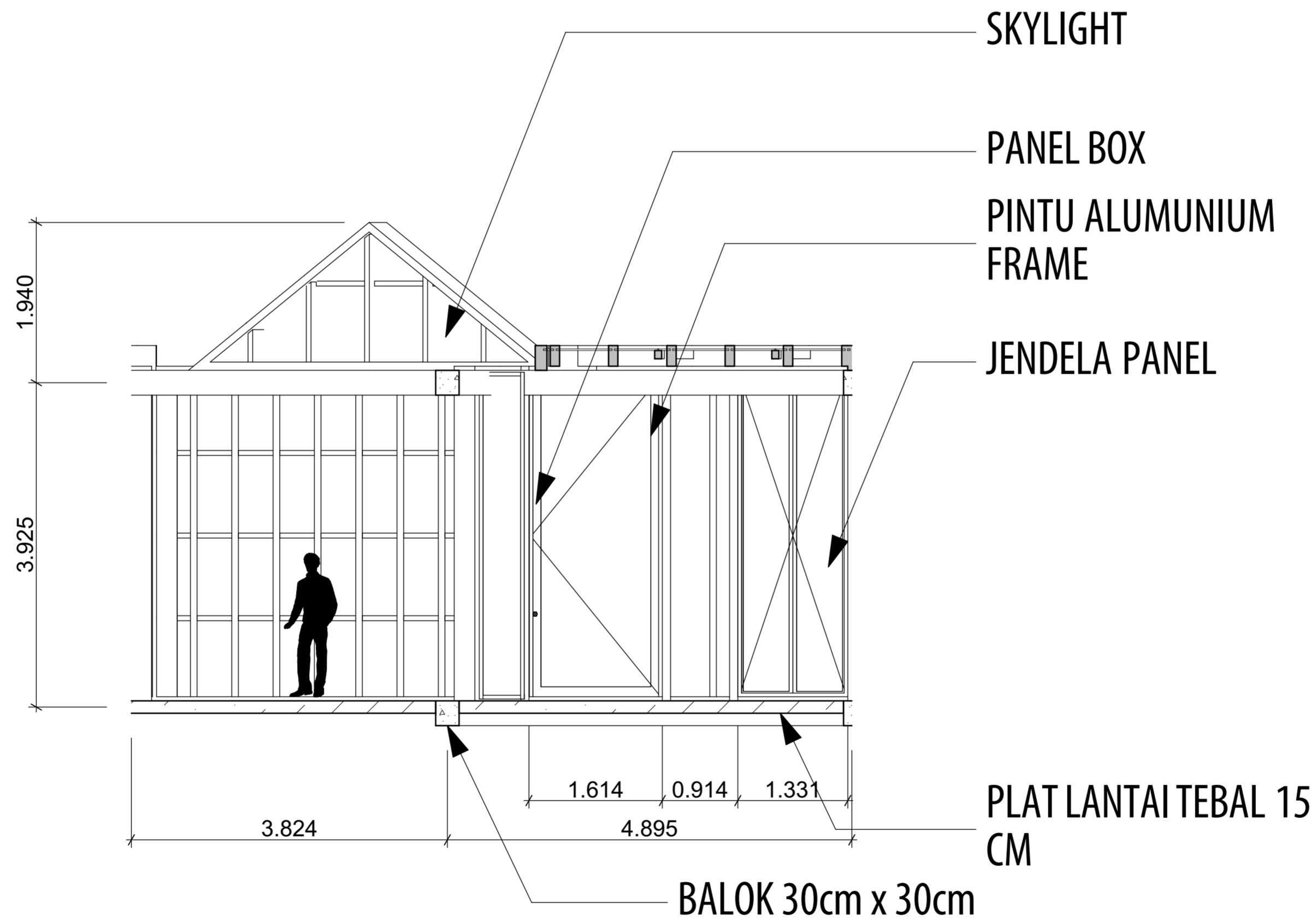
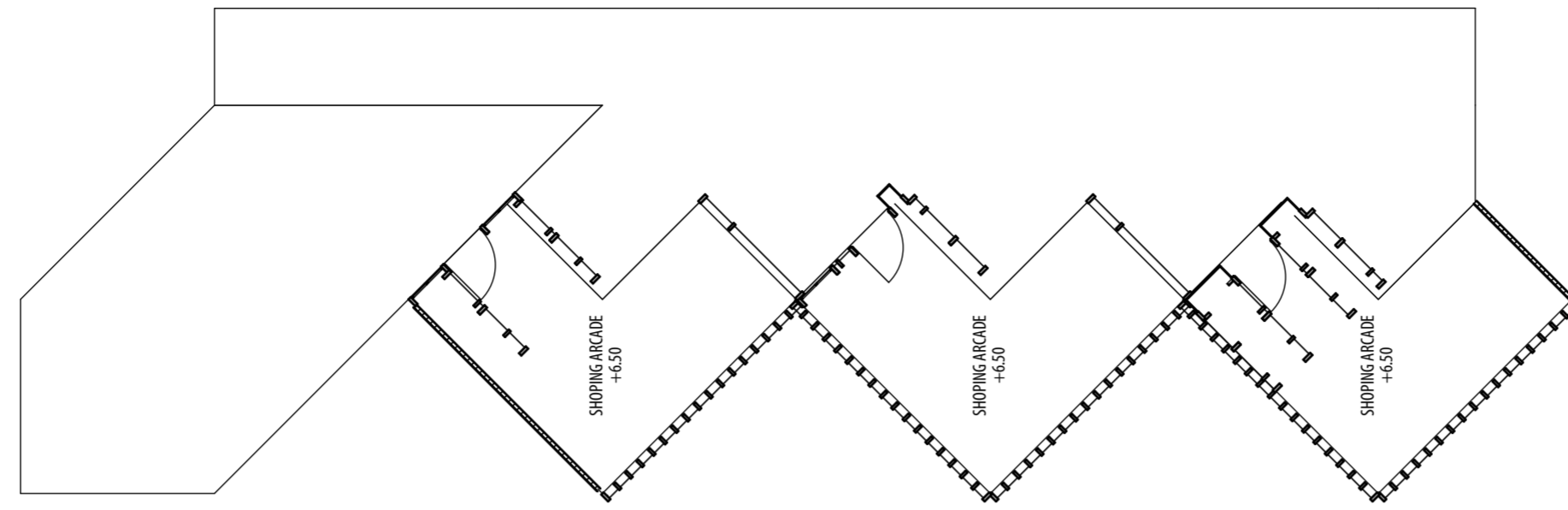
JENDELA PANEL

PINTU ALUMUNIUM
FRAME

JENDELA PANEL

PLAT LANTAI TEBAL 15
CM

BALOK 30cm x 30cm



BALOK 30cm x 30cm



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EXAMINER
Dr. Arif Wismadi M.Sc

CAPTION
DRAW TITLE
DETAIL TOKO 2

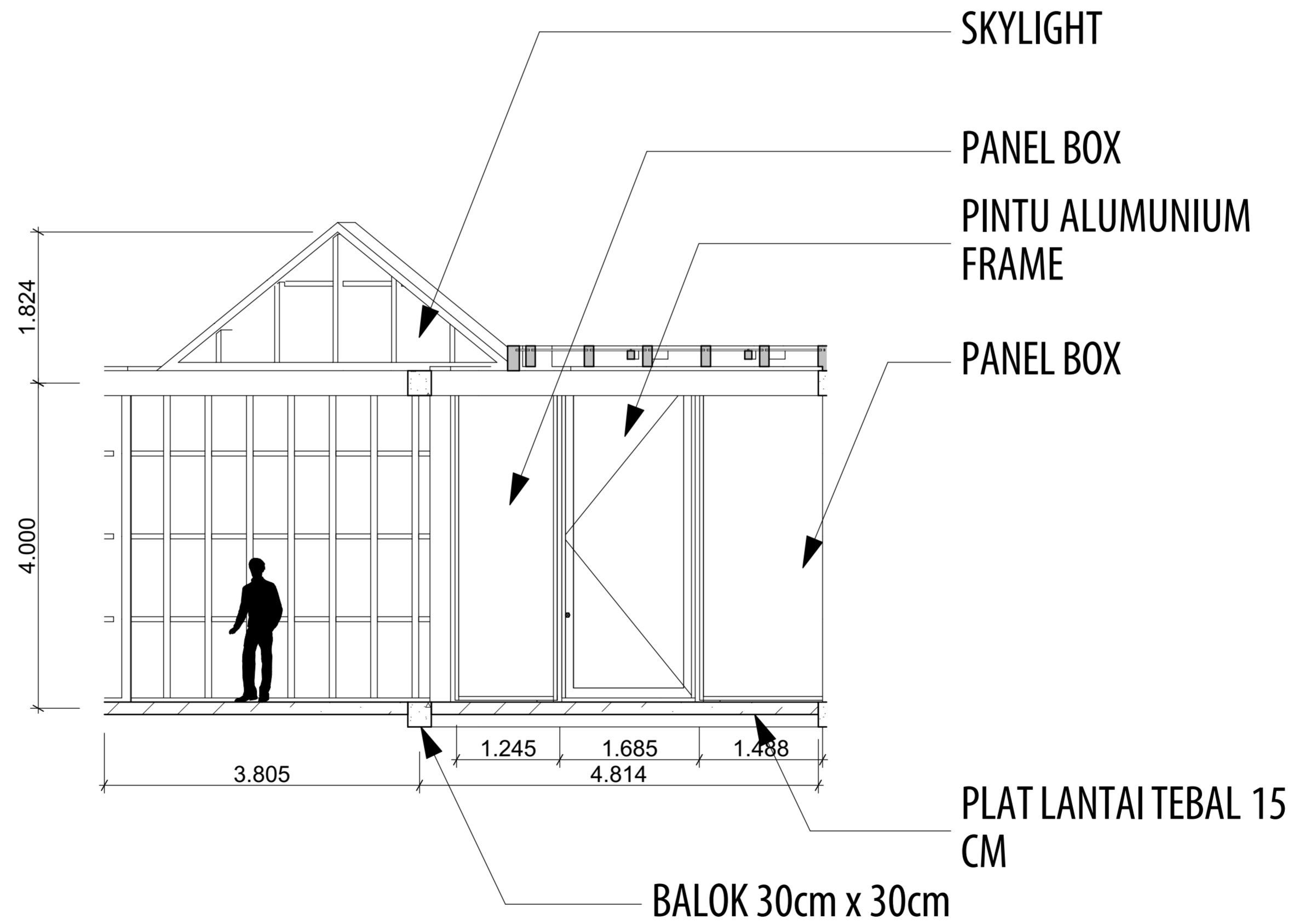
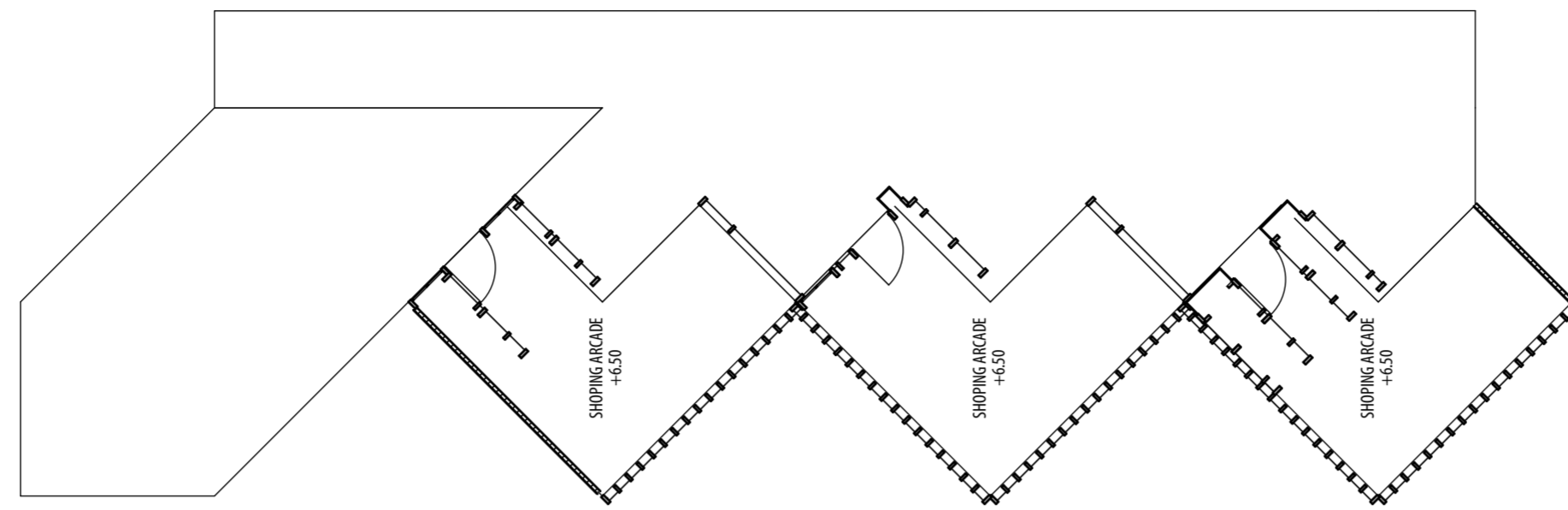
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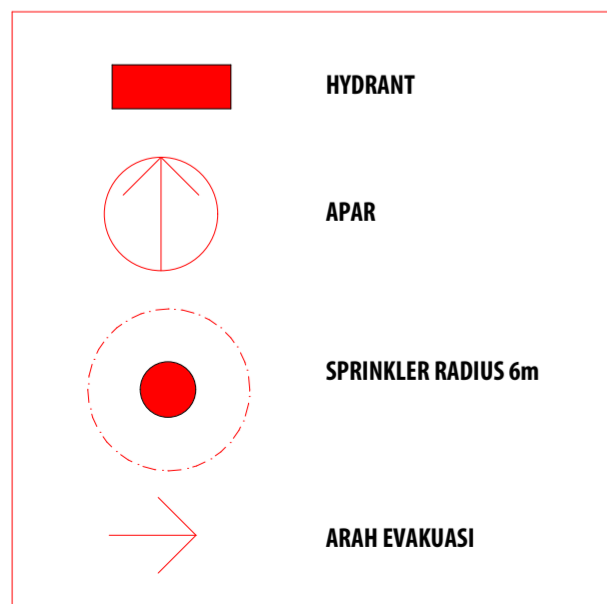
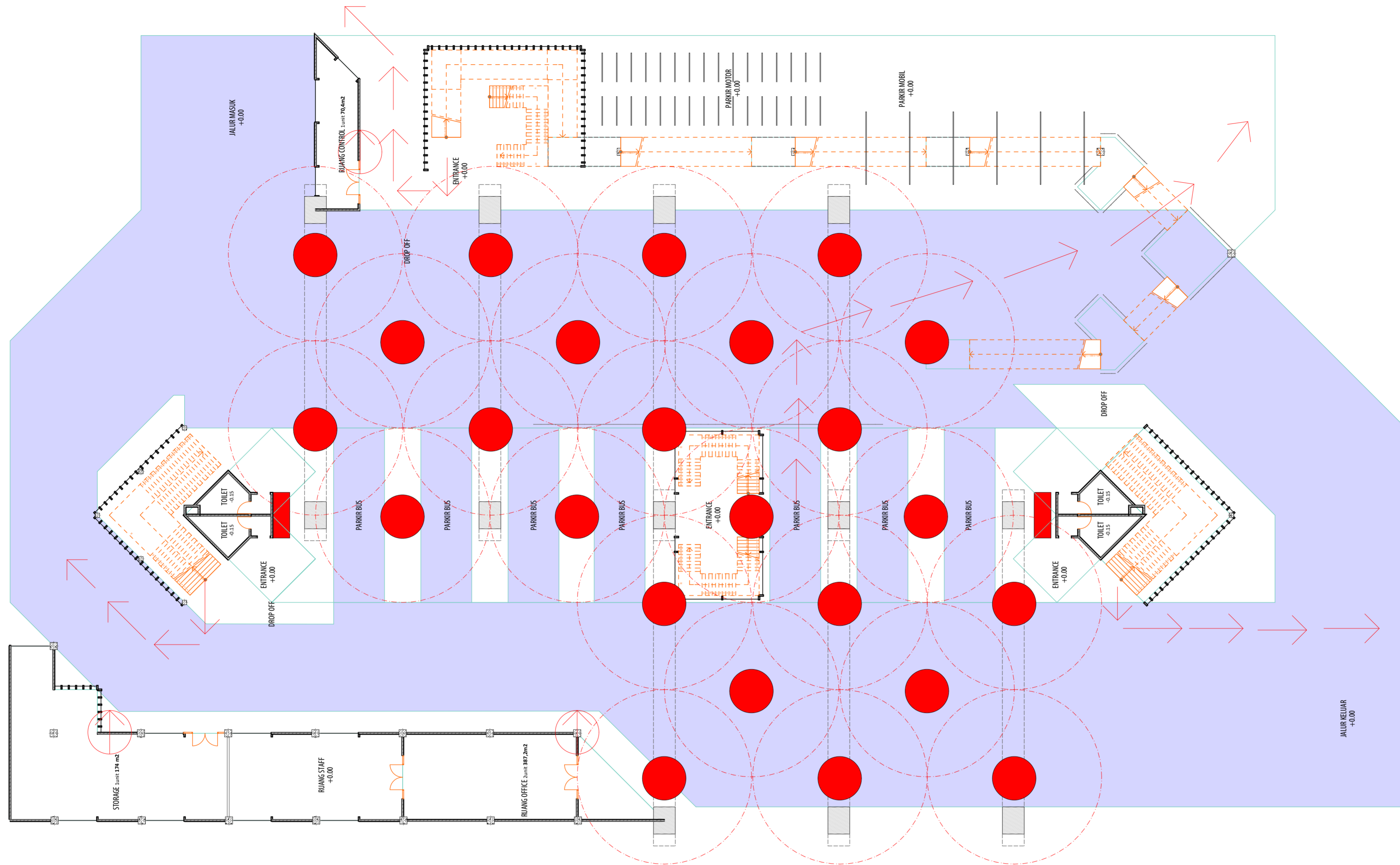
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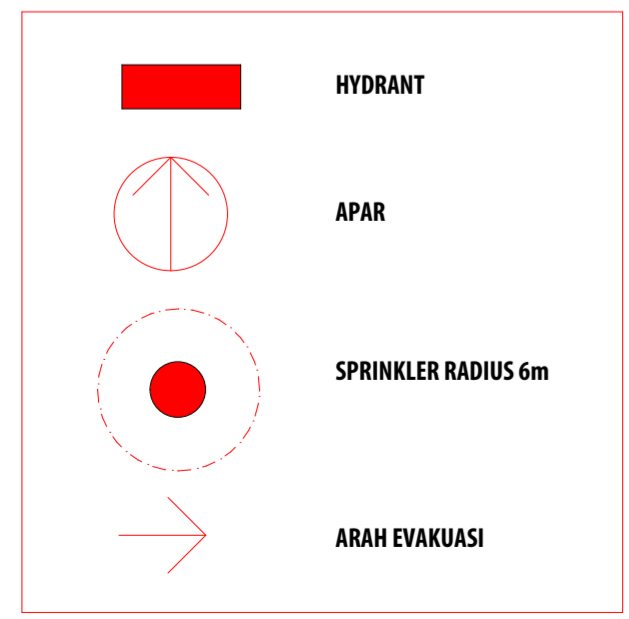
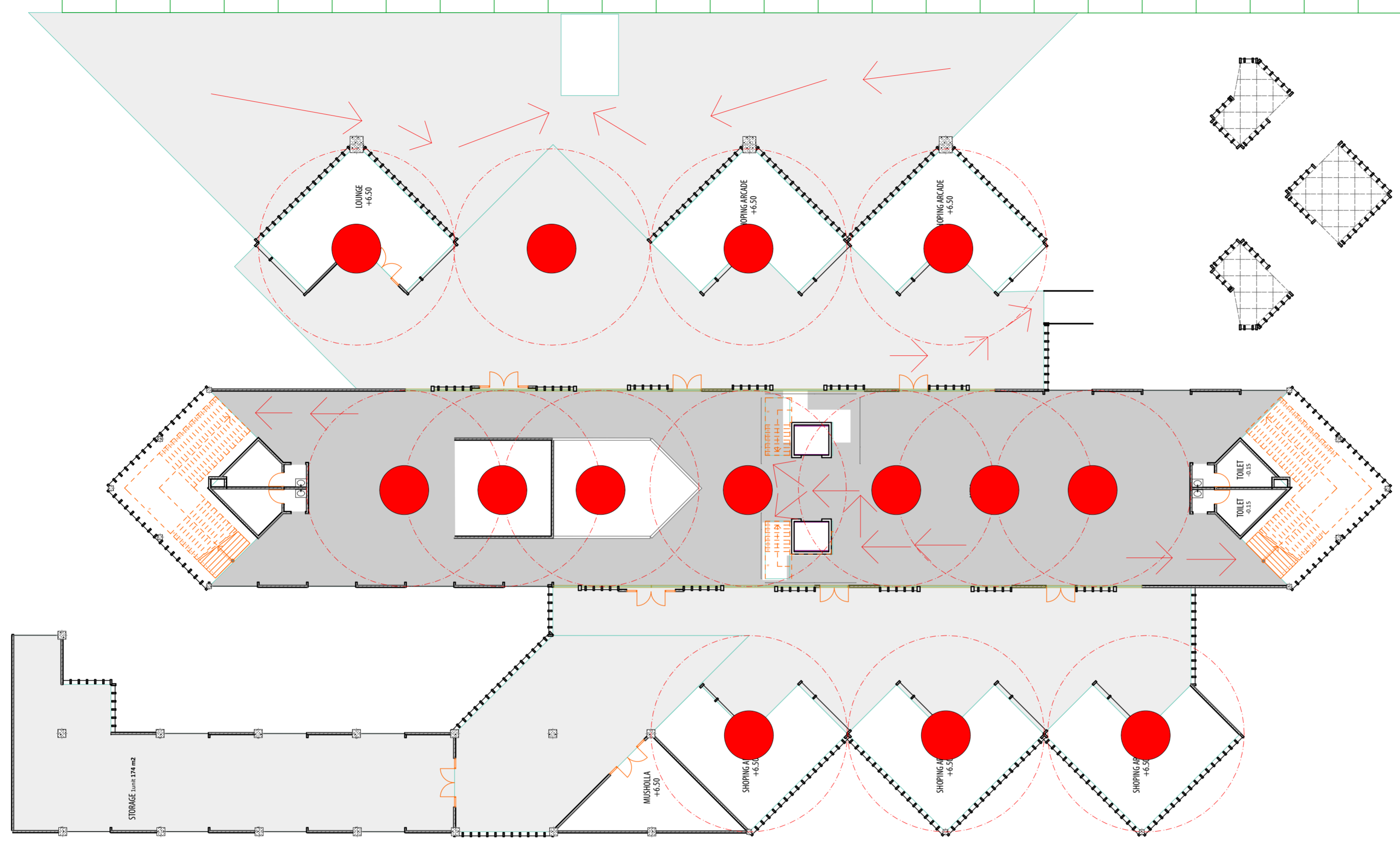
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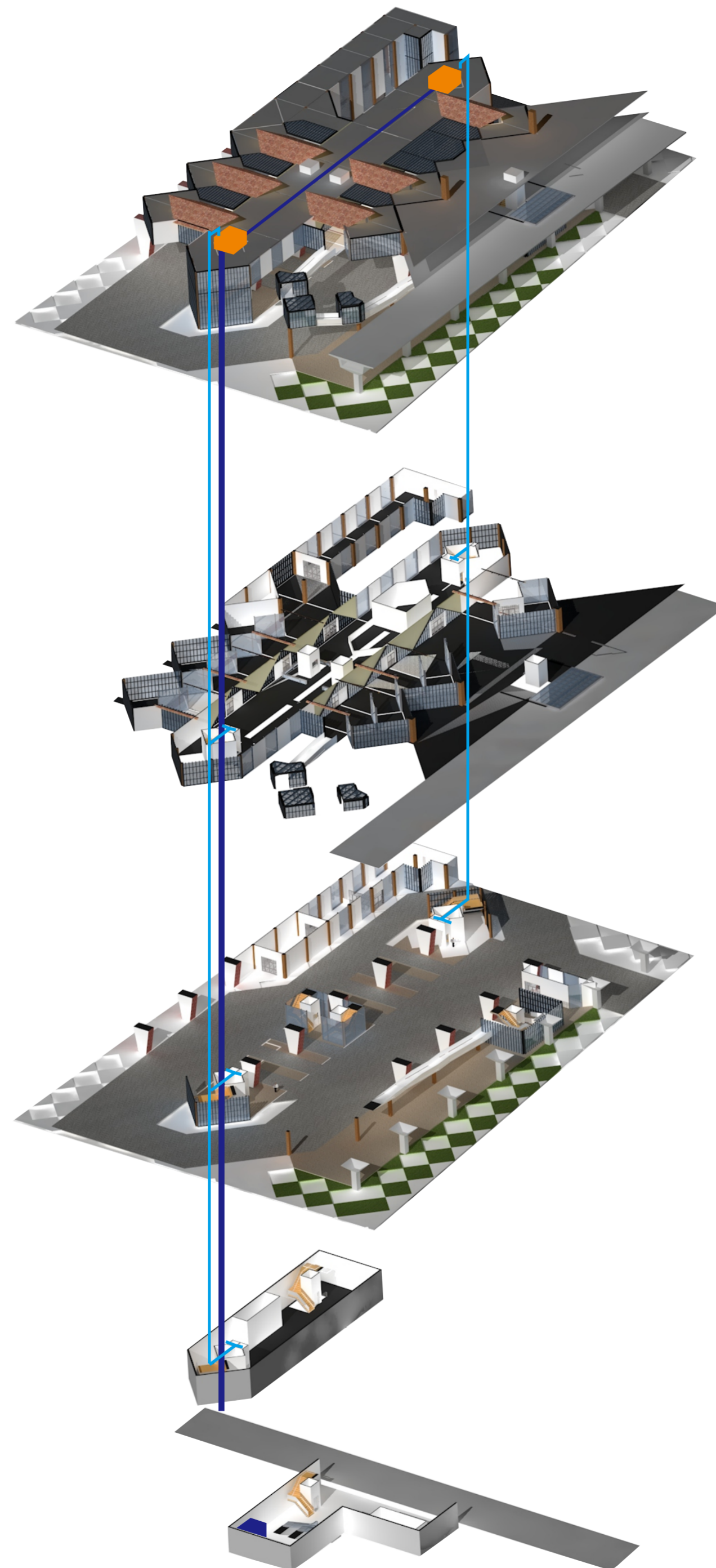
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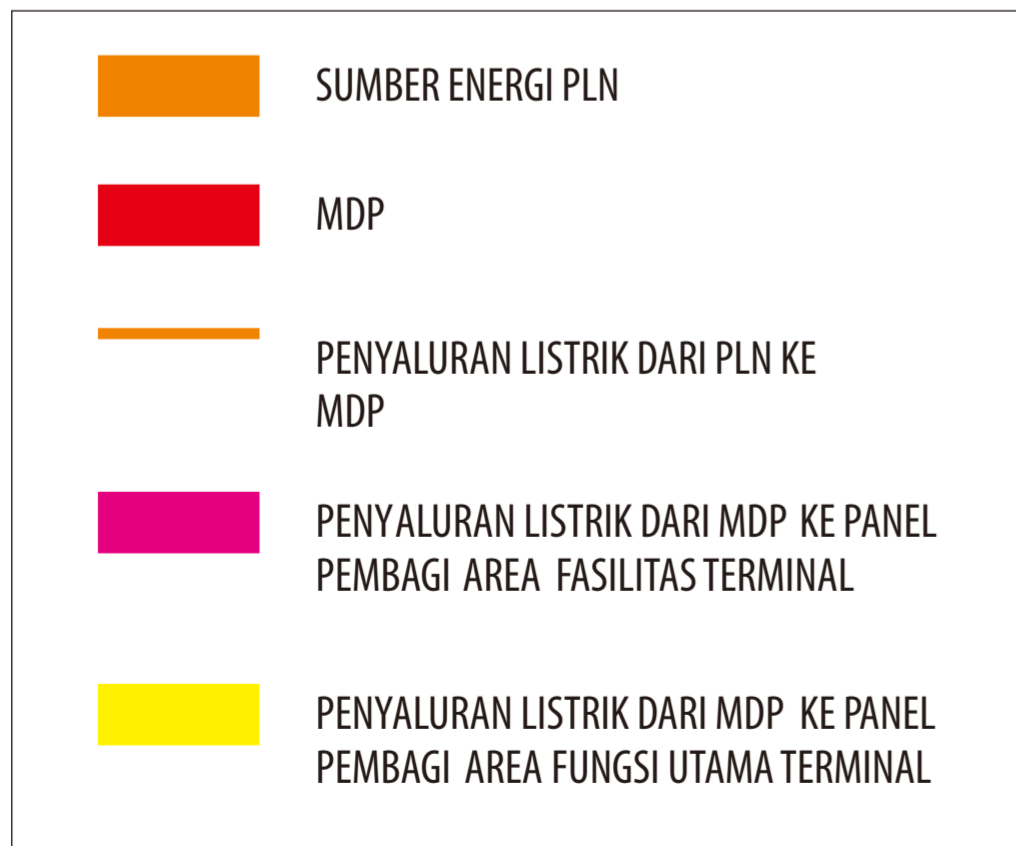
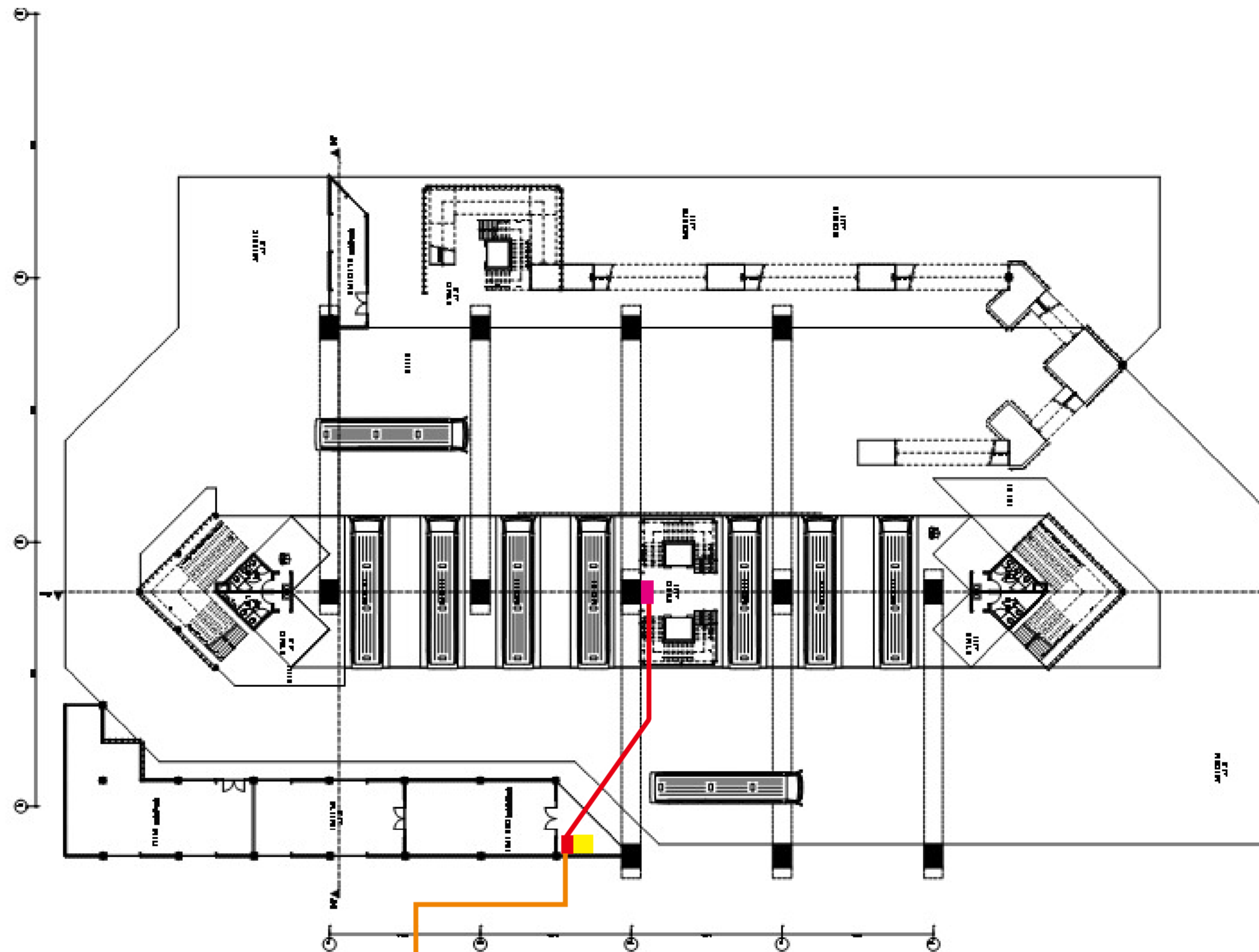




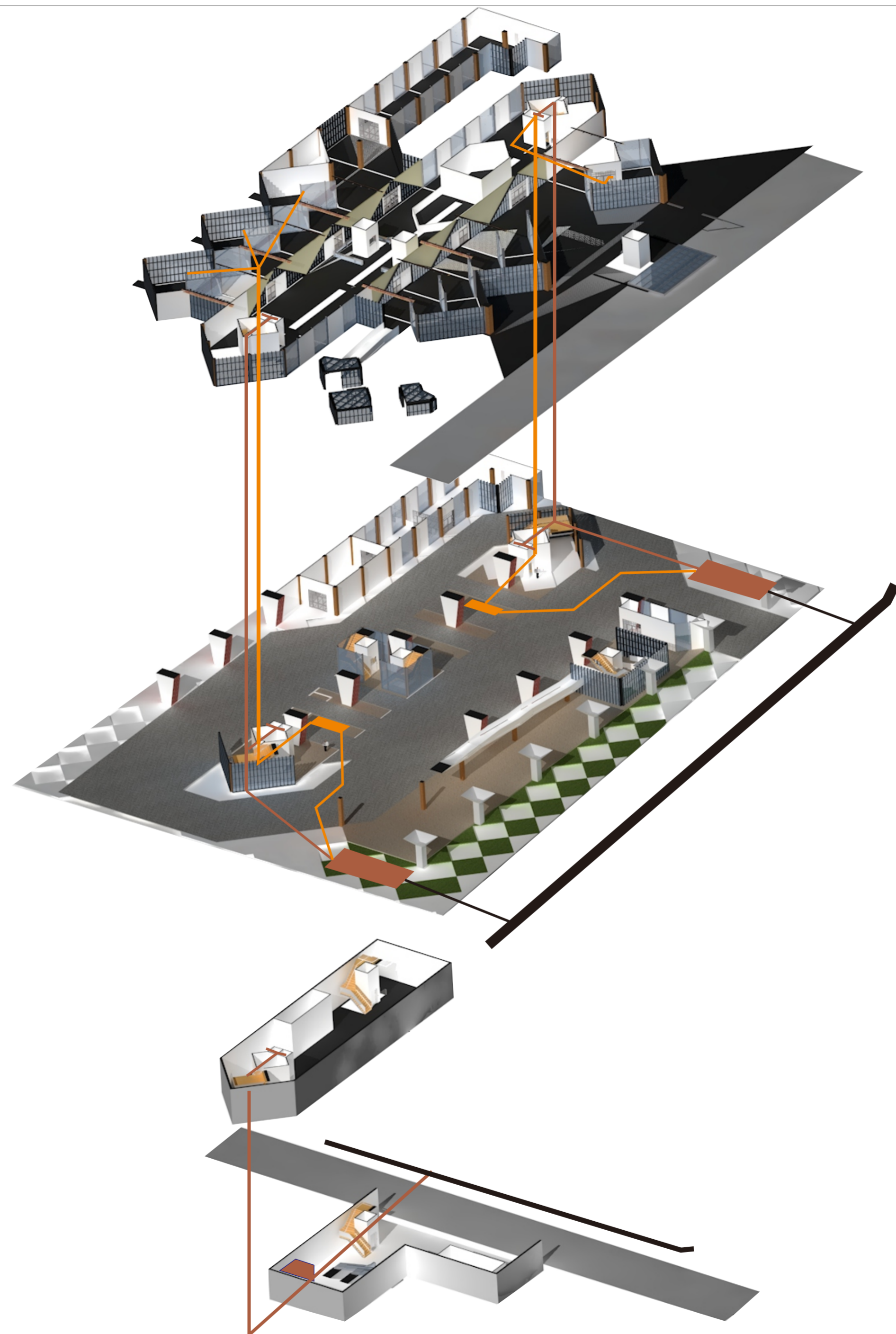




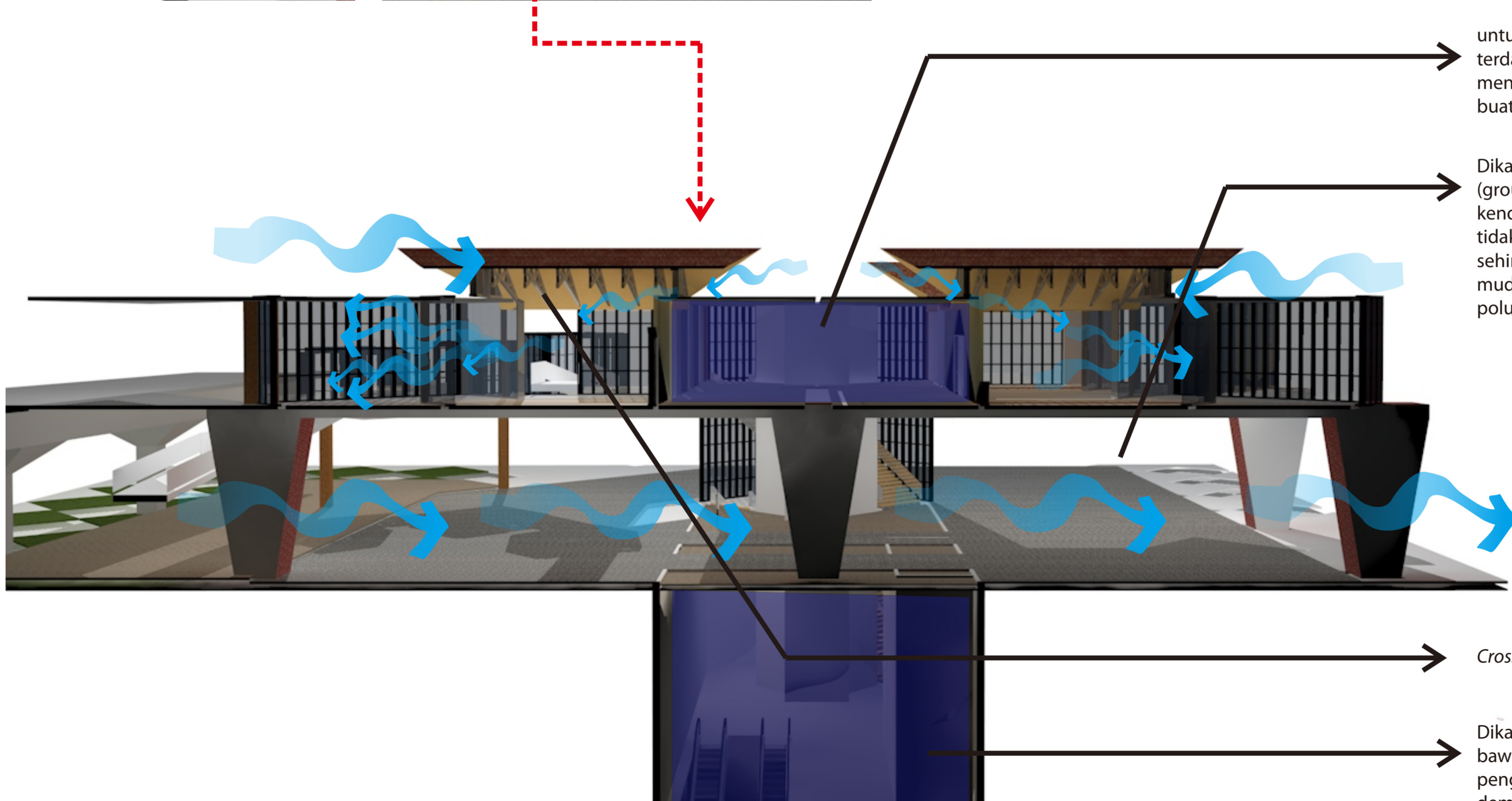
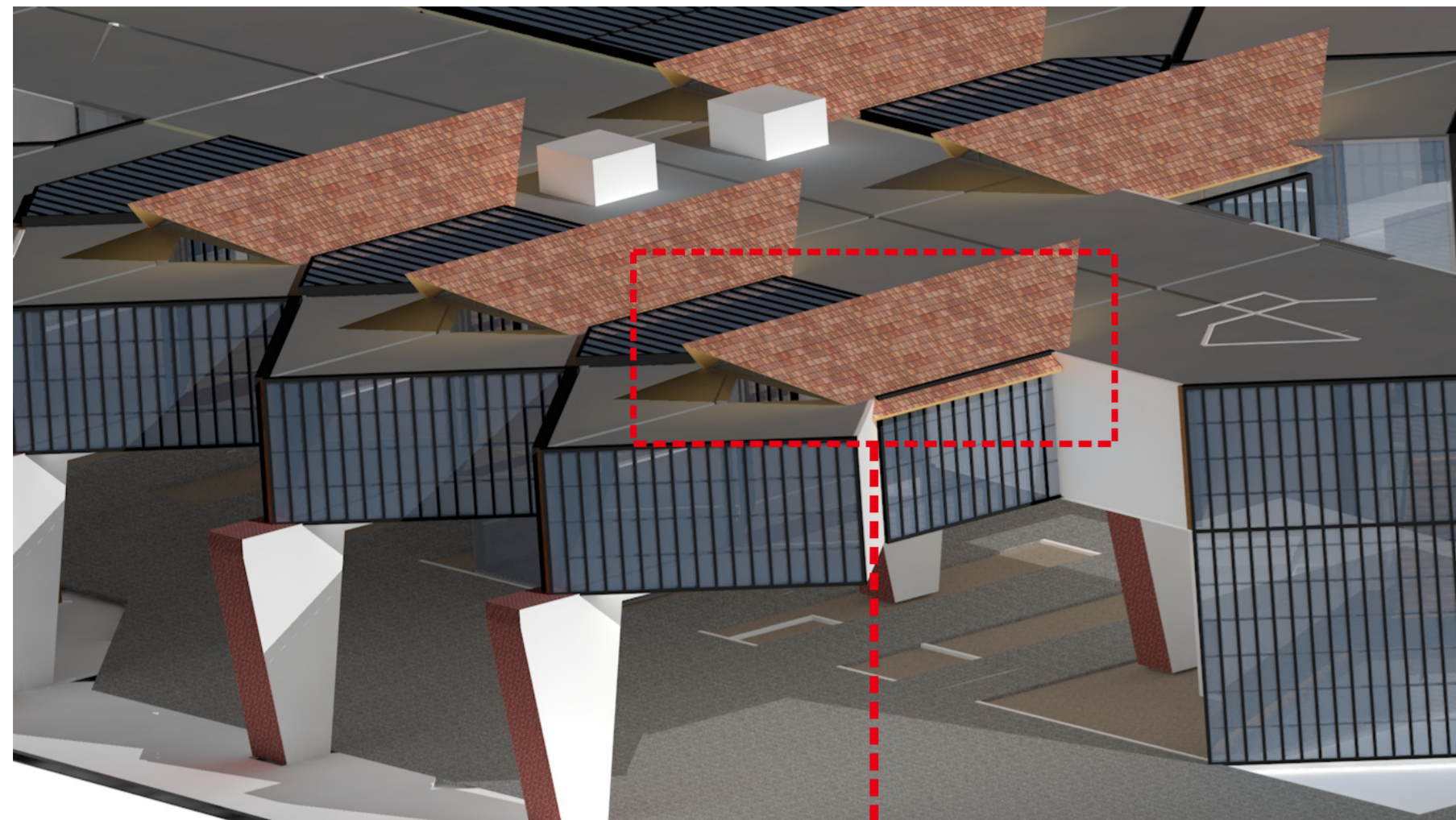
 SKEMA PENYEDIAAN AIR BERSIH



SKEMA PENYEDIAAN ENERGI TERMINAL DAN FASILITAS PENDUKUNG



SKEMA PENGOLAHAN LIMBAH PADAT DAN CAIR



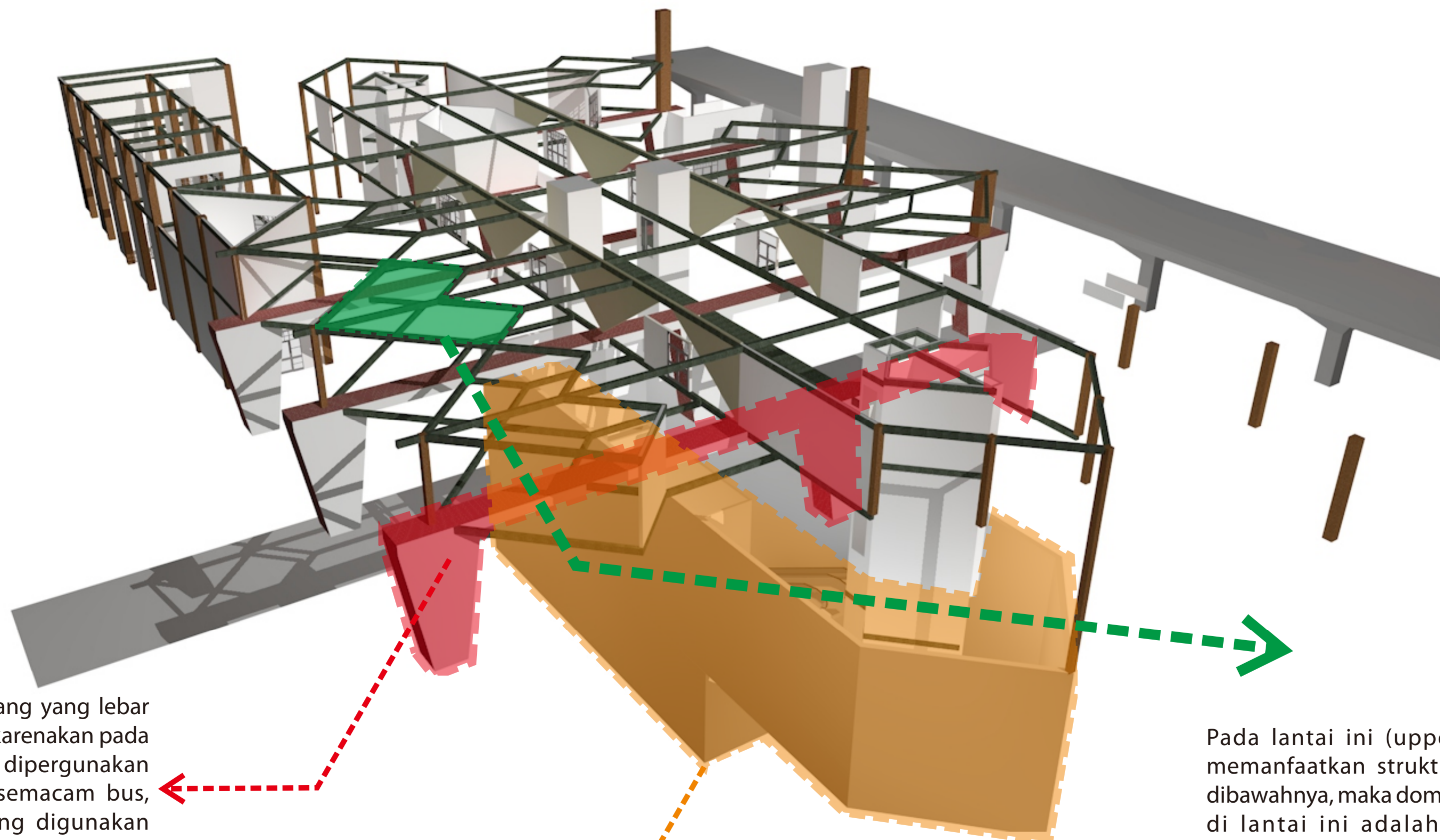
untuk menambah kenyamanan
terdapat bagian yang
menggunakan penghawaan
buatan (hall)

Dikarenakan bagian bawah
(ground level) adalah tempat
kendaraan bermotor, maka dengan
tidak adanya dinding pembatas
sehingga udara dapat dengan
mudah bersirkulasi sehingga asap
polusi kendaraan tidak tertahan

Cross circulation air

Dikarenakan merupakan bagian
bawah tanah, maka penggunaan
penghawaan buatan diperlukan
demi memberikan udara yang
mencukupi untuk dihirup

⊕ SKEMA PENGHAWAAN

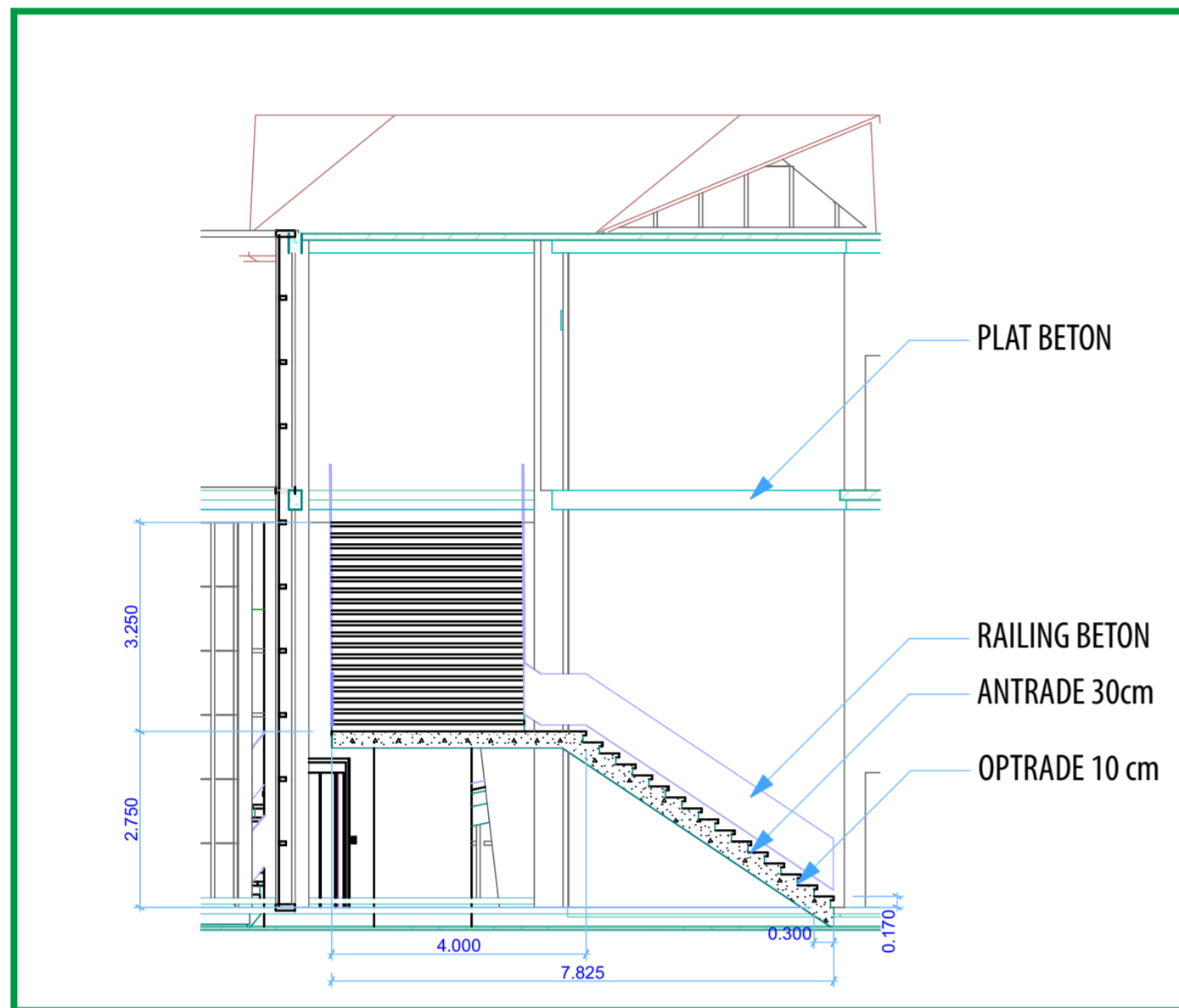


Untuk mendapatkan bentang yang lebar yaitu adalah 21m x 12m dikarenakan pada lantai ini (Ground Level) dipergunakan untuk parkir kendaraan semacam bus, maka sistem struktur yang digunakan mempunyai penampang yang lebar dan tebal hingga lebih dari 1 m

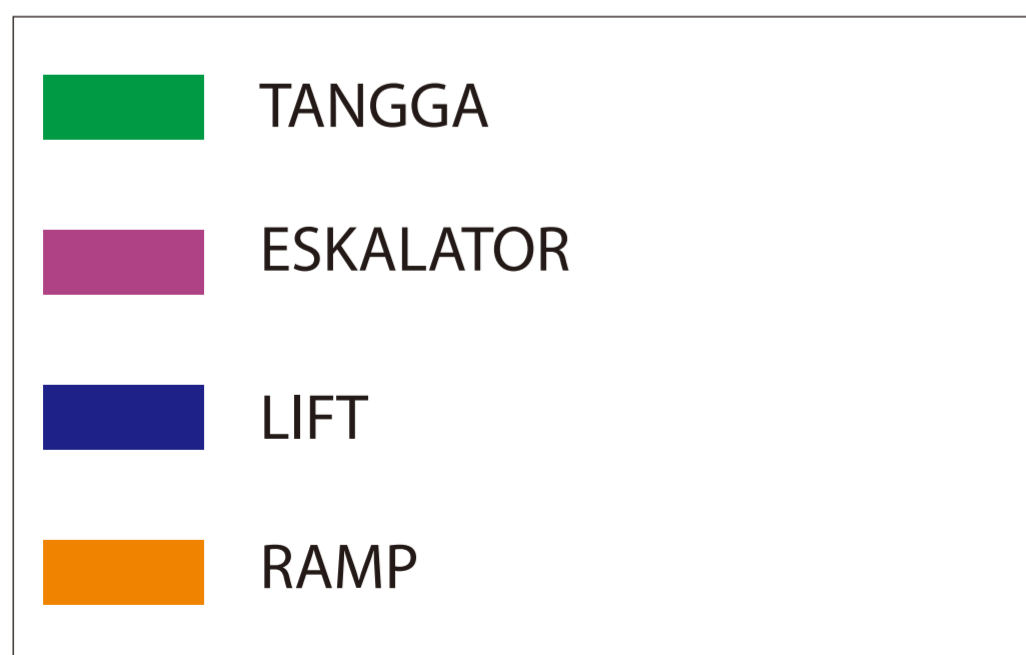
Pada level Sub-Struktur, dinding basement yang digunakan juga berfungsi sebagai dinding pemikul yang memperkuat ruangan didalamnya dikarenakan kedalaman untuk memenuhi suatu stasiun subway adalah 15 m didalam tanah.

Pada lantai ini (upper floor) dengan memanfaatkan struktur bentang lebar dibawahnya, maka dominansi dari struktur di lantai ini adalah memanfaatkan kantilever sehingga tetap mendapatkan ruangan terminal yang ideal.

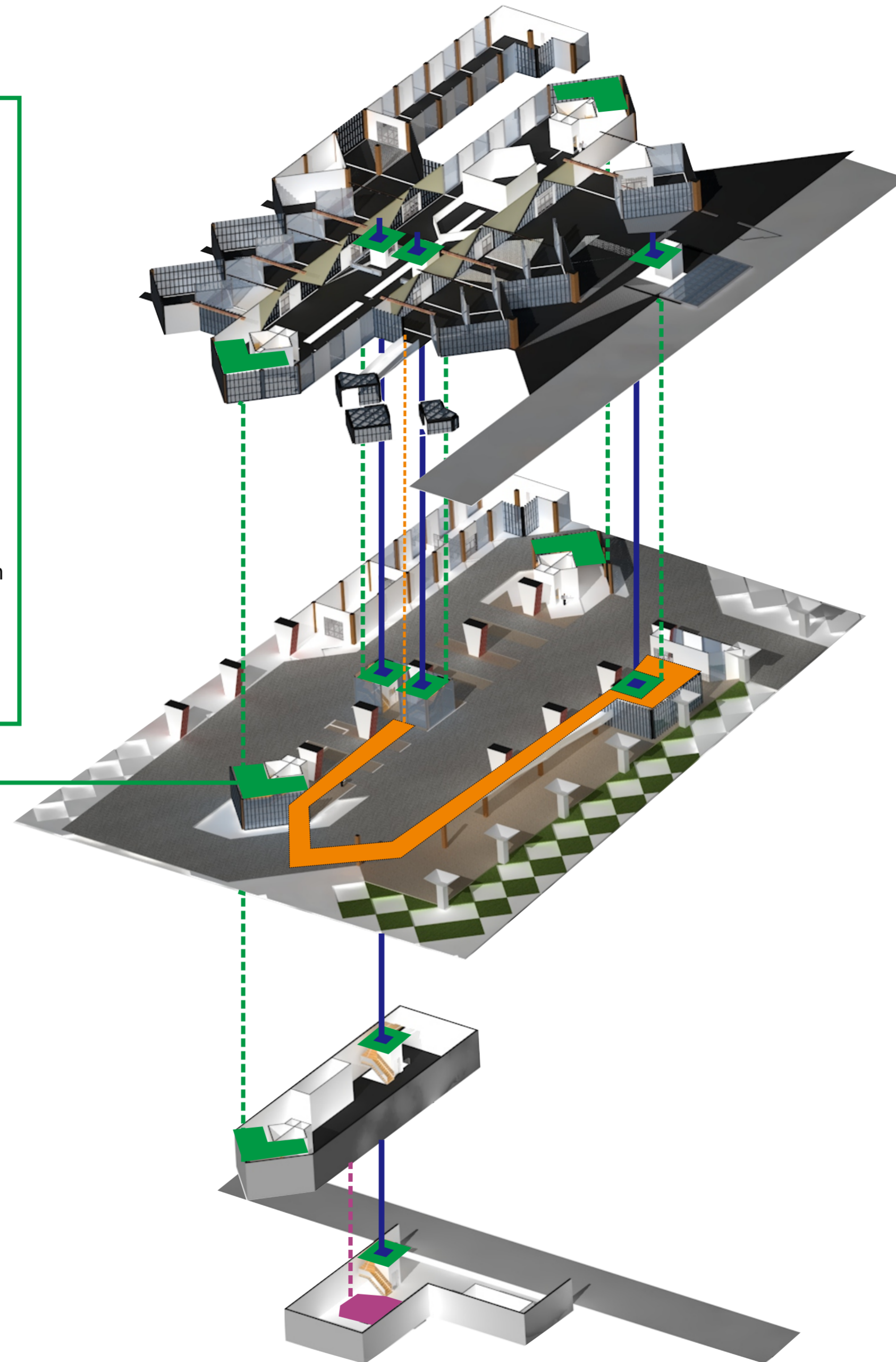
⊕ SKEMA SISTEM STRUKTUR

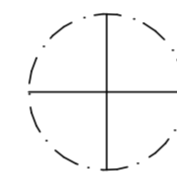
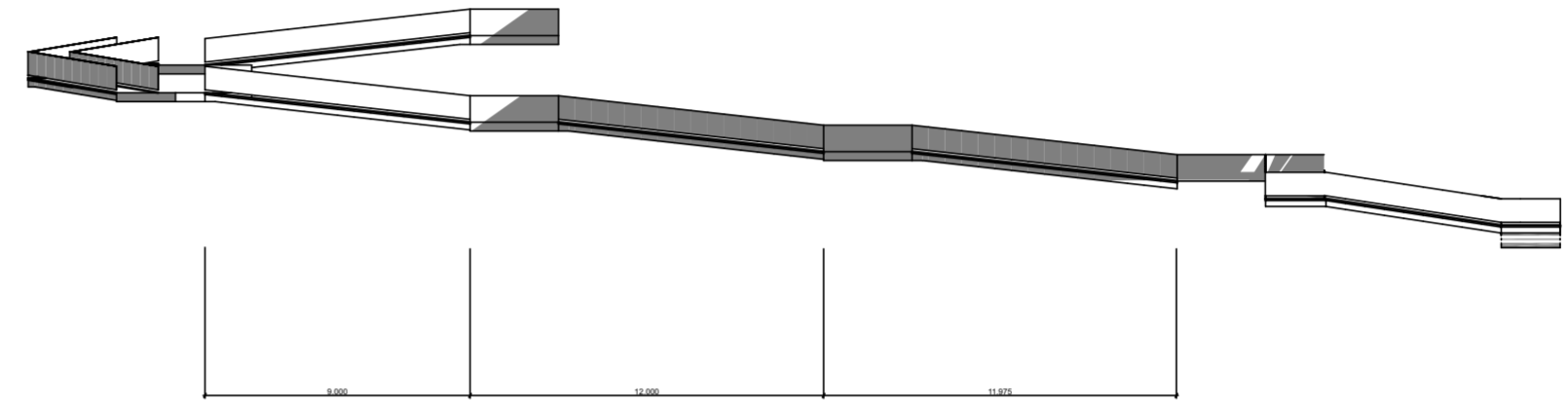
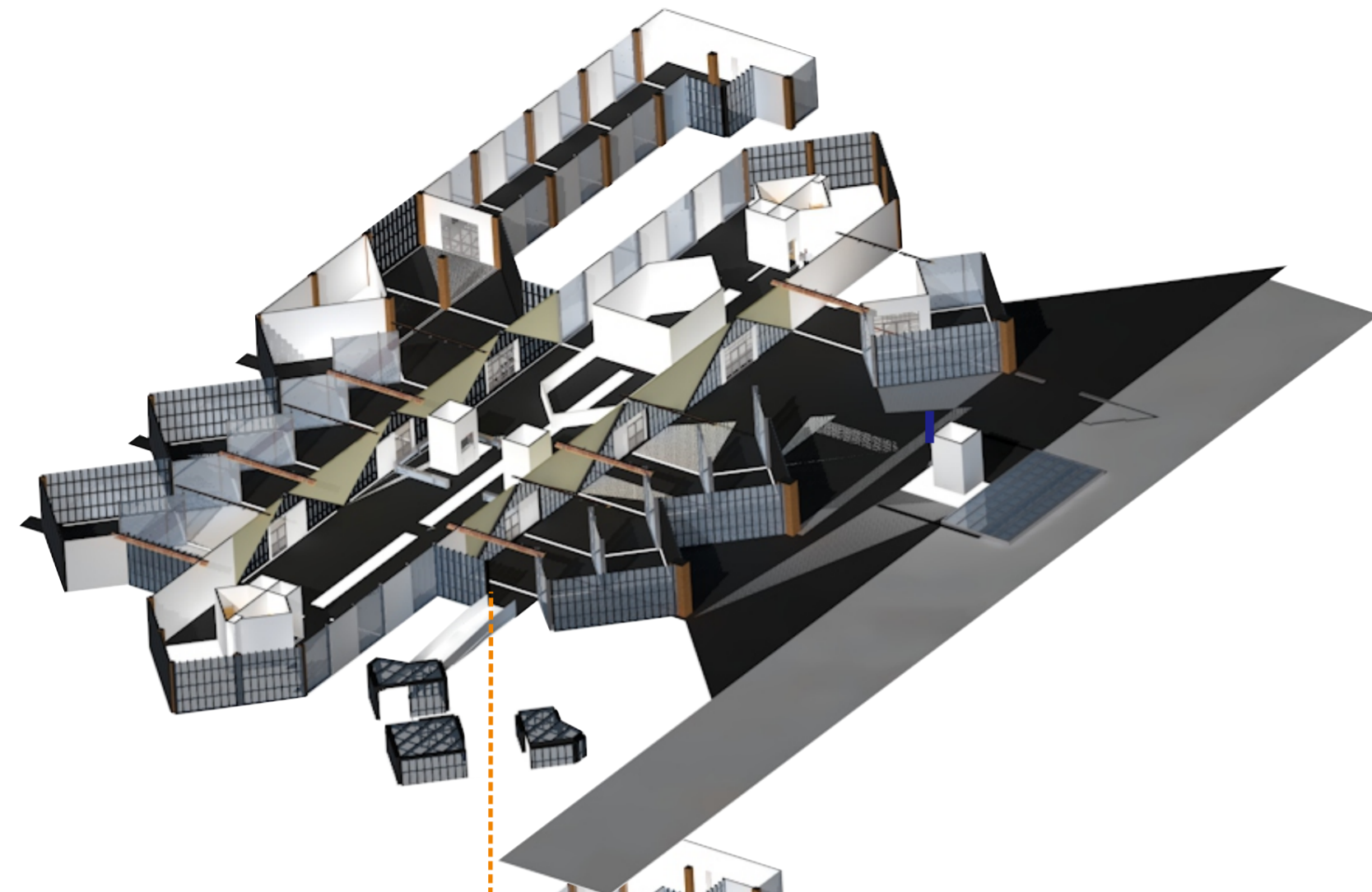


POTONGAN TANGGA
 SKALA 1:100

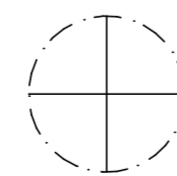
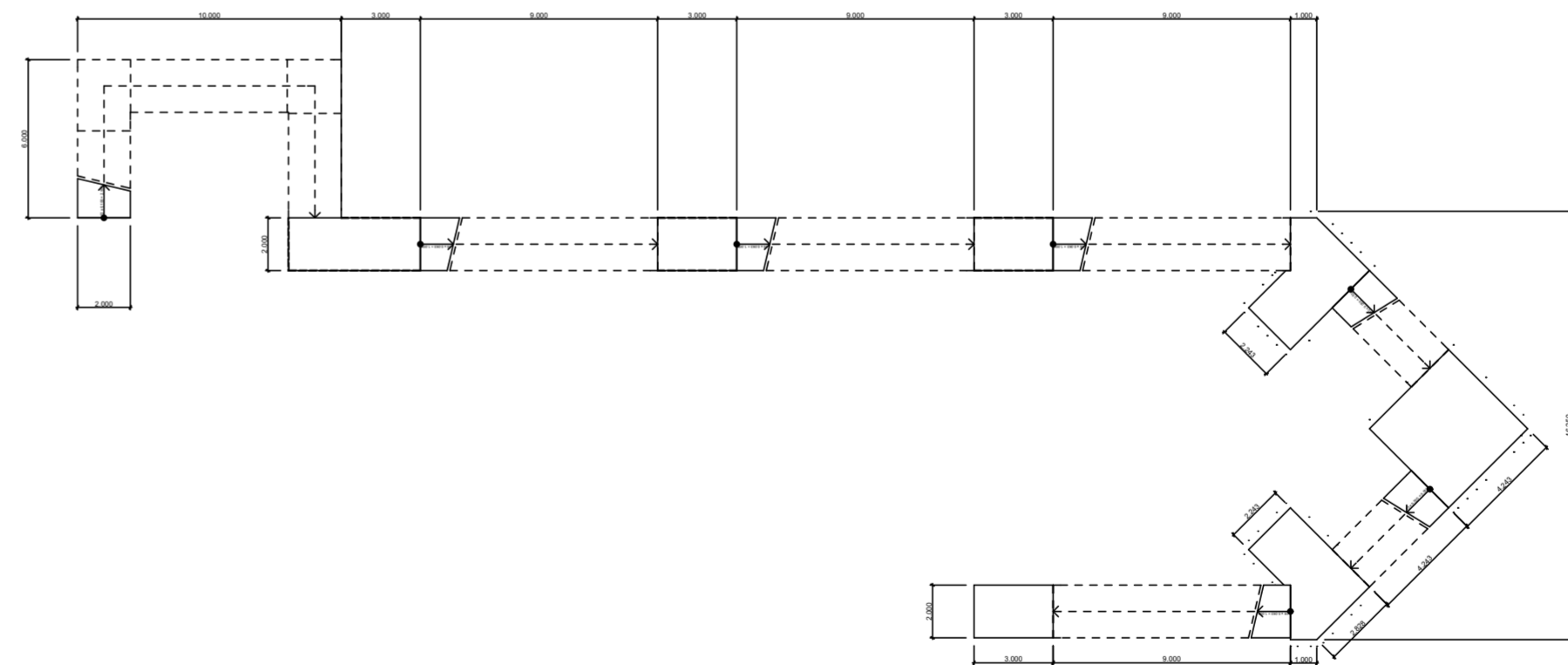


SKEMA TRANSPORTASI VERTIKAL



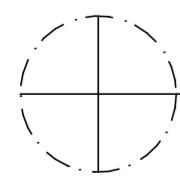


LAYOUT RAMP
SKALA 1:250

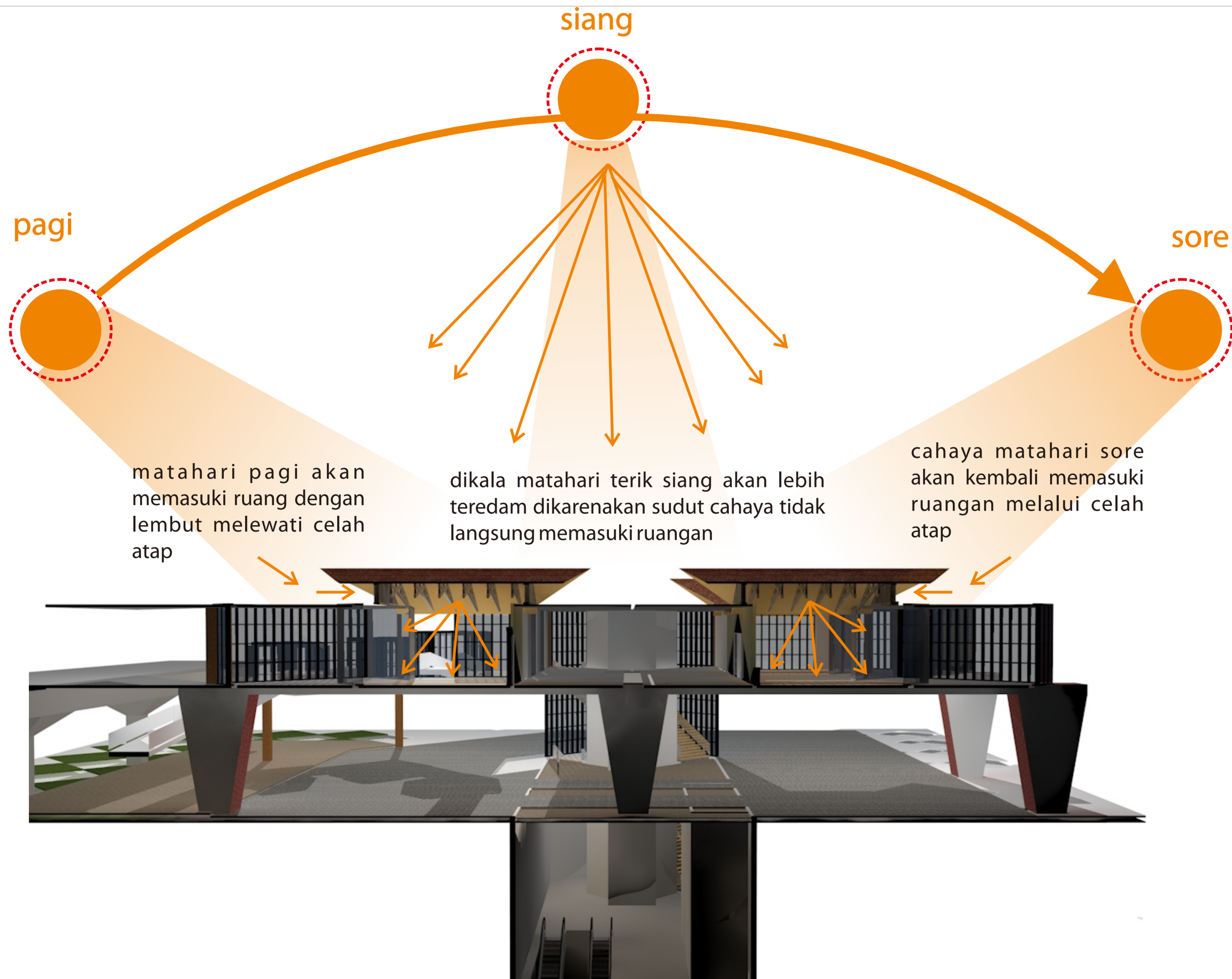


LAYOUT RAMP
SKALA 1:250

 RAMP



SKEMATIK RAMP





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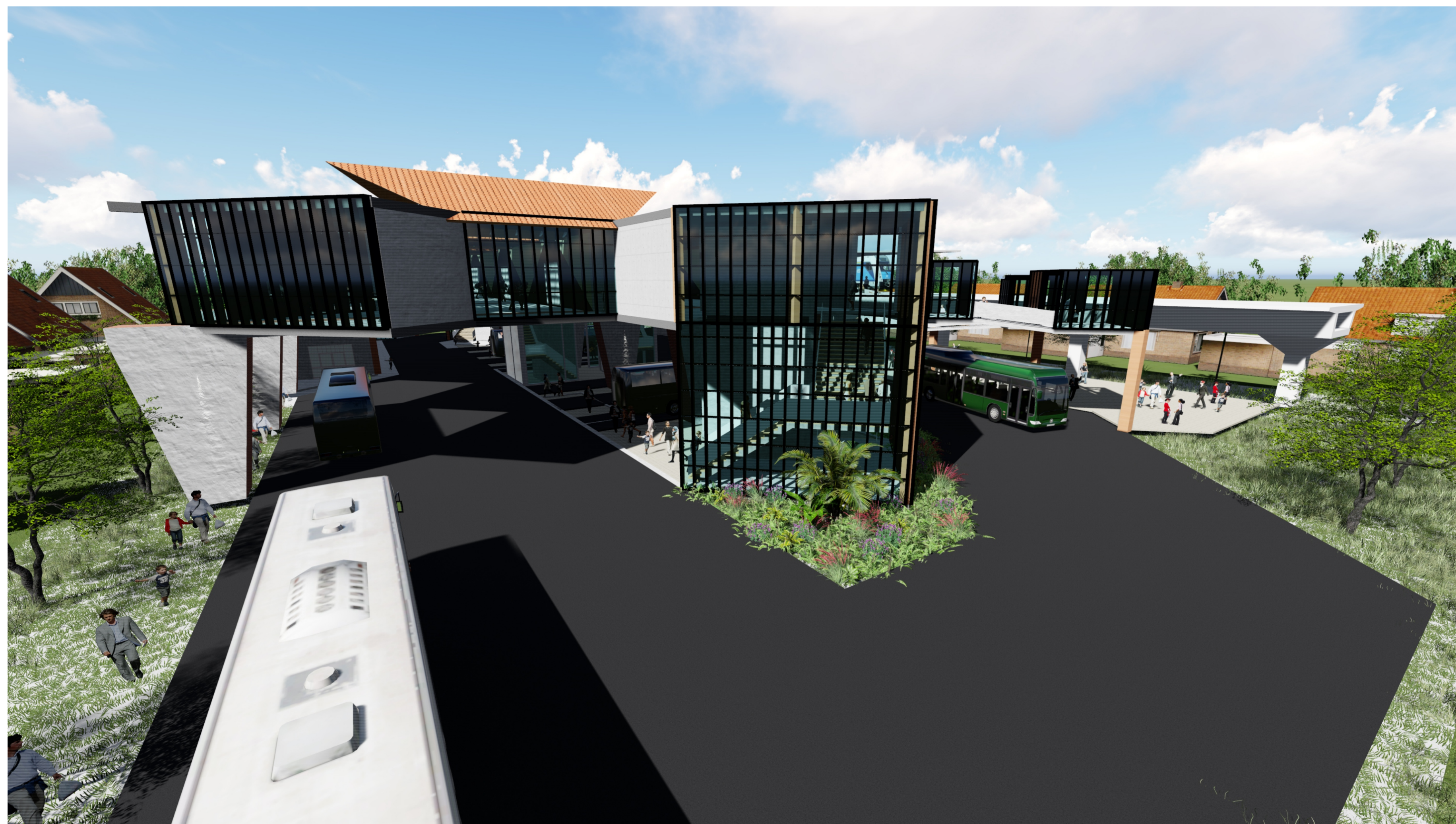
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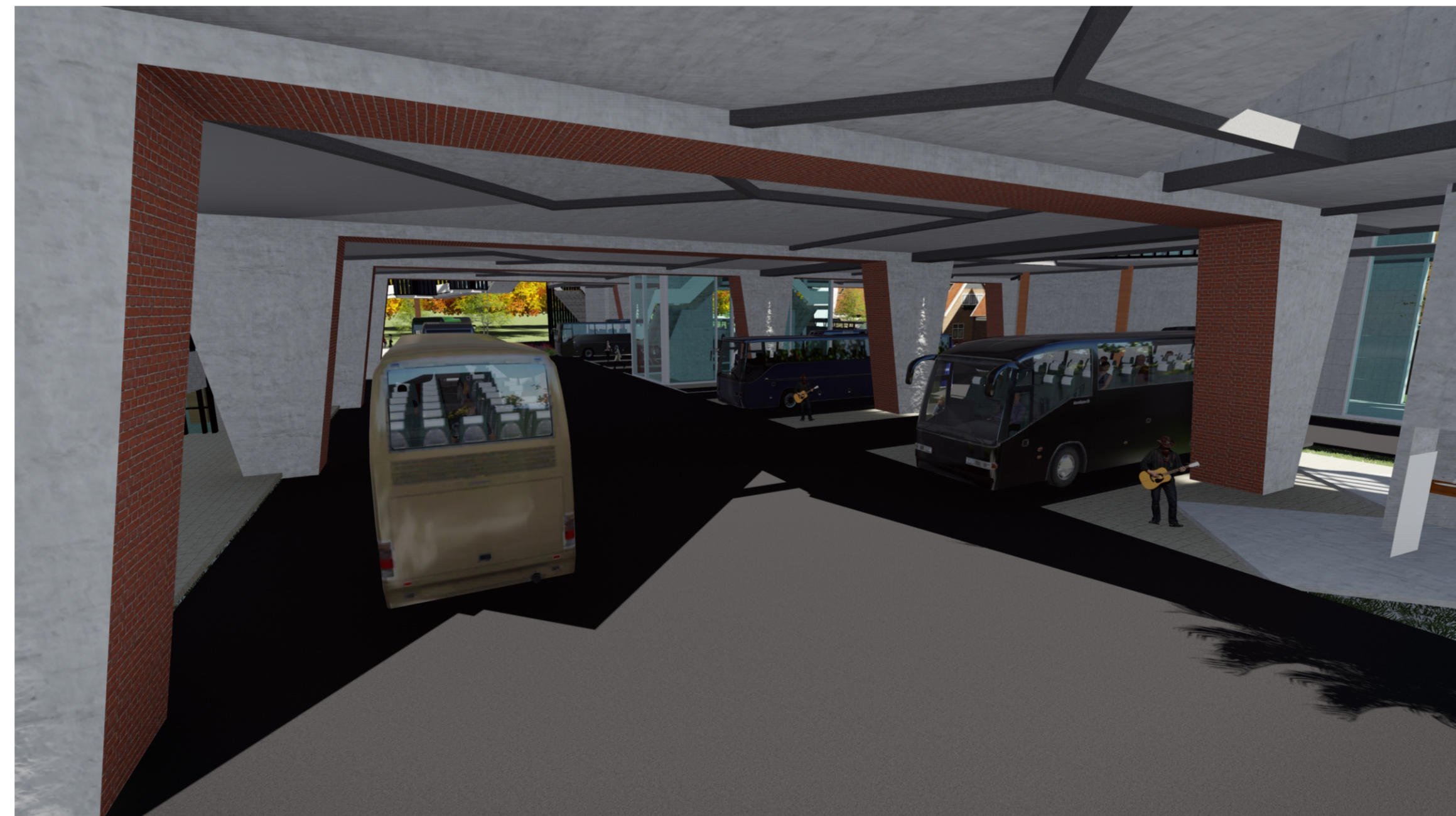
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PAGE NUMBER

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 DEPARTEMENT OF ARCHITECTURE
 FACULTY CIVIL ENGINEERING AND PLANNING
 ISLAMIC UNIVERSITY INDONESIA
 YEAR 2017/2018

PROJECT TITLE
 Terminal Condongcatur, Konsep Desain Transportation
 Hub Dengan Visi Pengembangan Berbasis MRT di Kota
 Yogyakarta
*Condongcatur Terminals, The Concept Of Transportation
 Hub With MRT-Based Development In Yogyakarta*

IDENTITY

NAME
 DIMAS GILANG DANANJAYA

ID NUMBER
 14512066

Approve By

LECTURER
 Noor Cholil Idham Ph.d, IAI

EXAMINER
 Dr. Arif Wismadi M.Sc

CAPTION

DRAW TITLE
 RENDER EXTERIOR

Layout ID

SCALE

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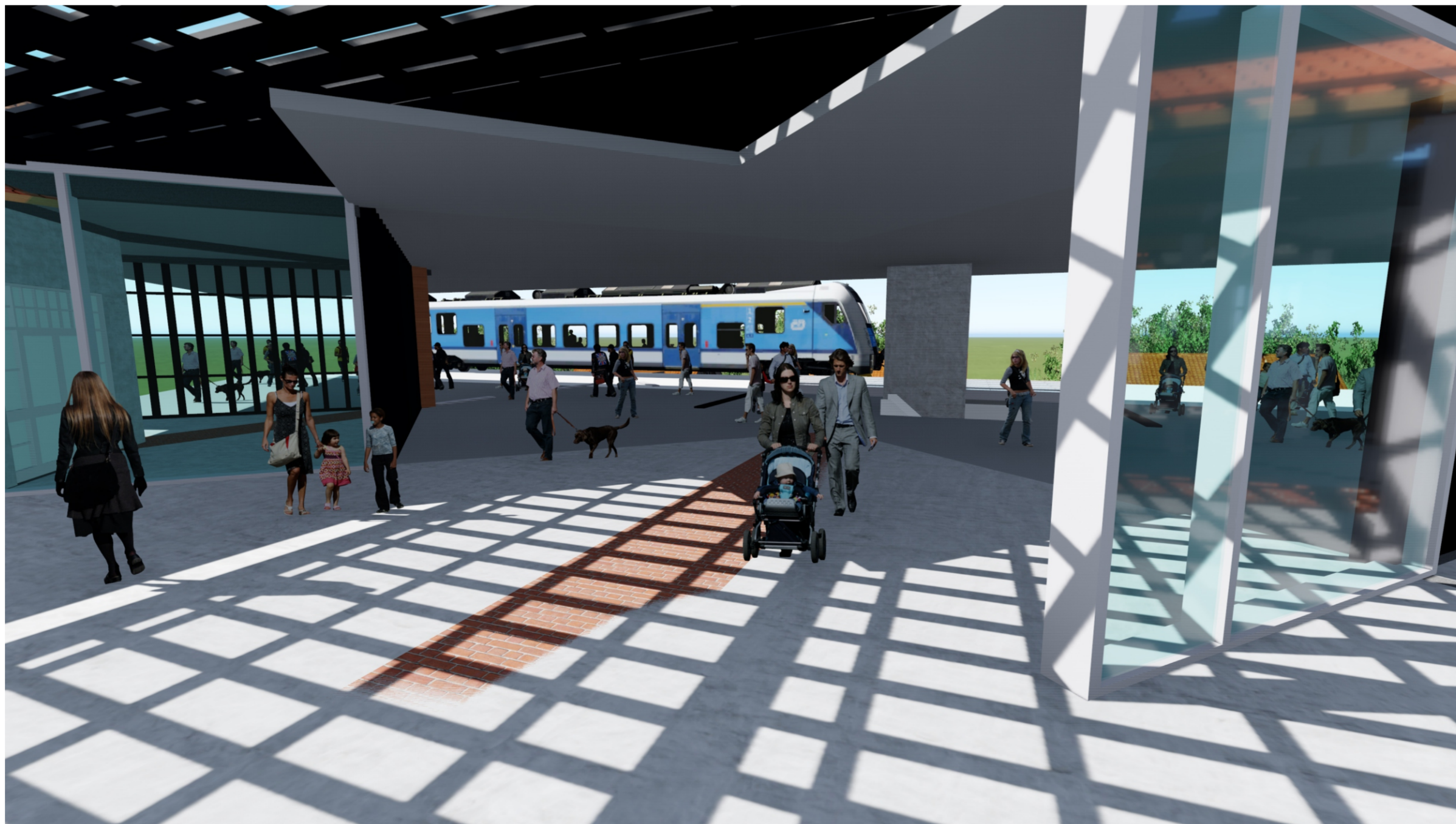
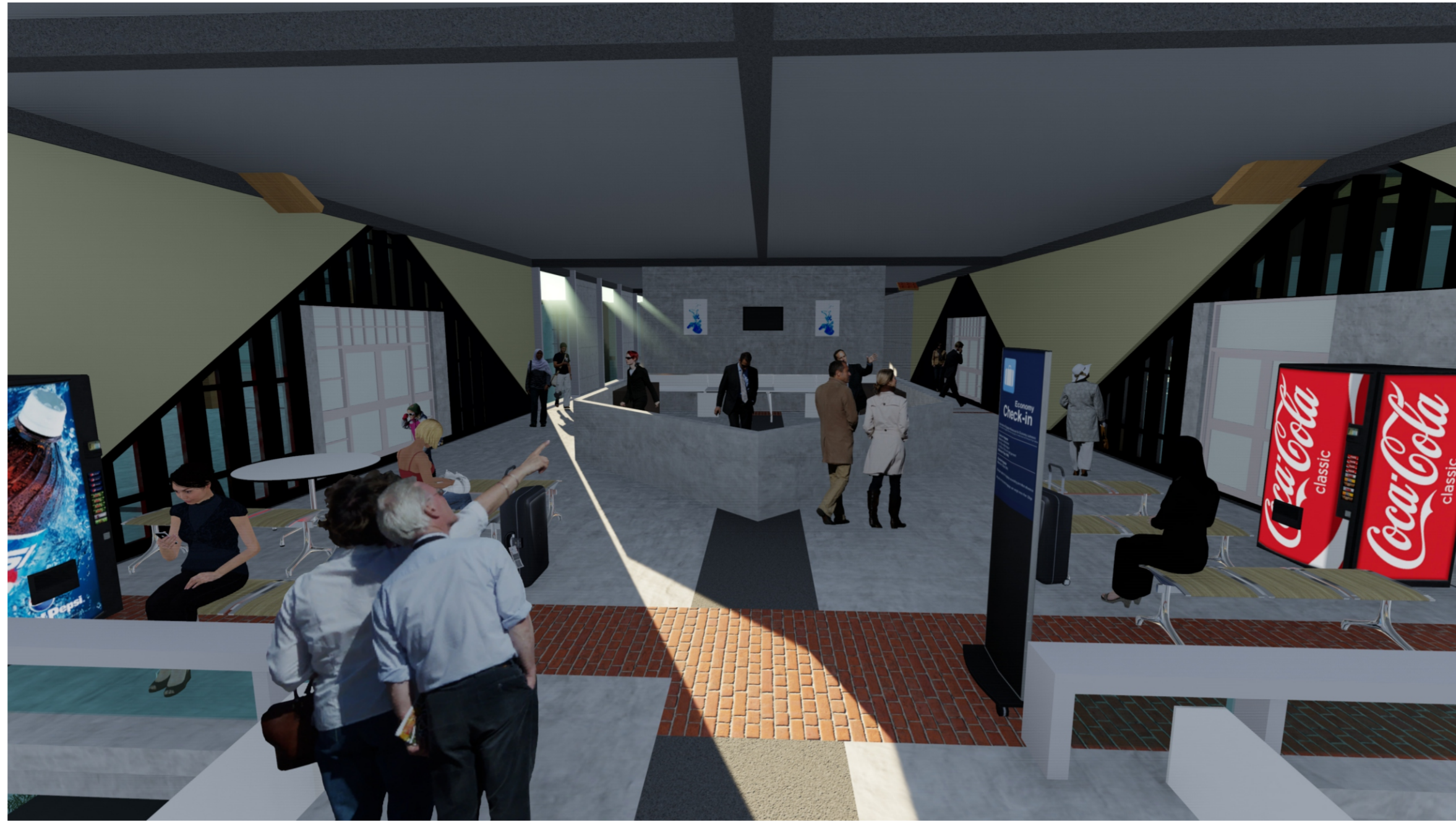
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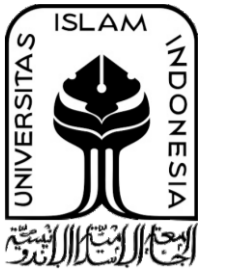
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⊕ INTERIOR 1



⊕ INTERIOR 2 & 3



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PROJECT TITLE
Terminal Condongcatu, Konsep Desain Transportation
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