



andramatin

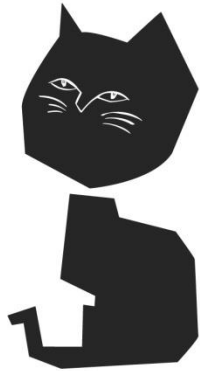
t i p o l o g i  
&  
m e t o d o l o g i

p r o j e c t s :

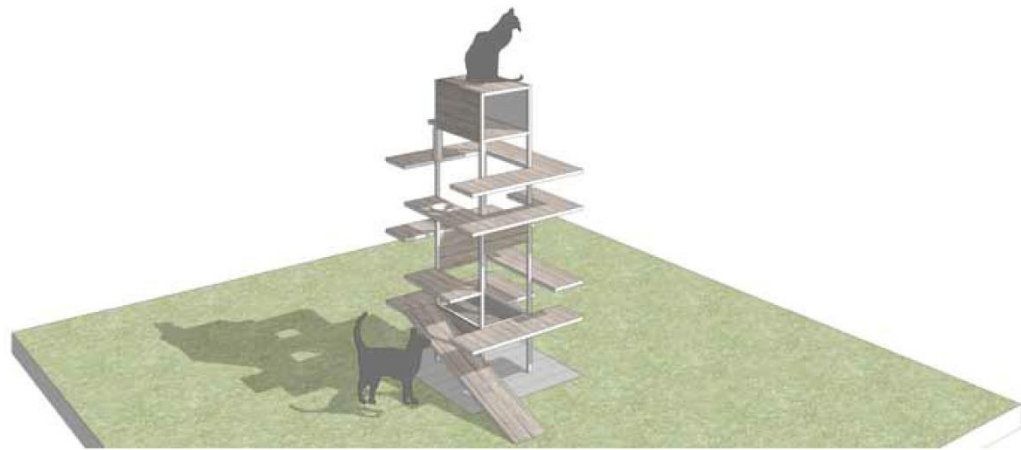
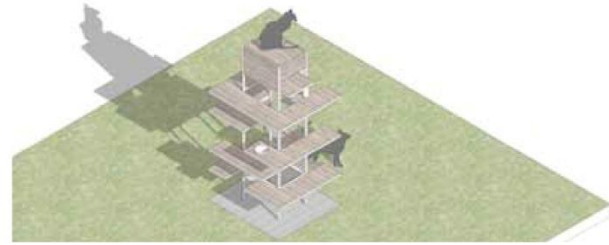
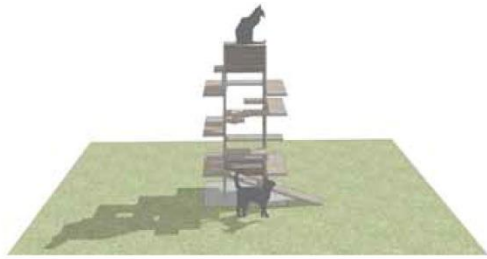
r u m a h  
k u c i n g

r u m a h  
k u c i n g  
g a r o n g

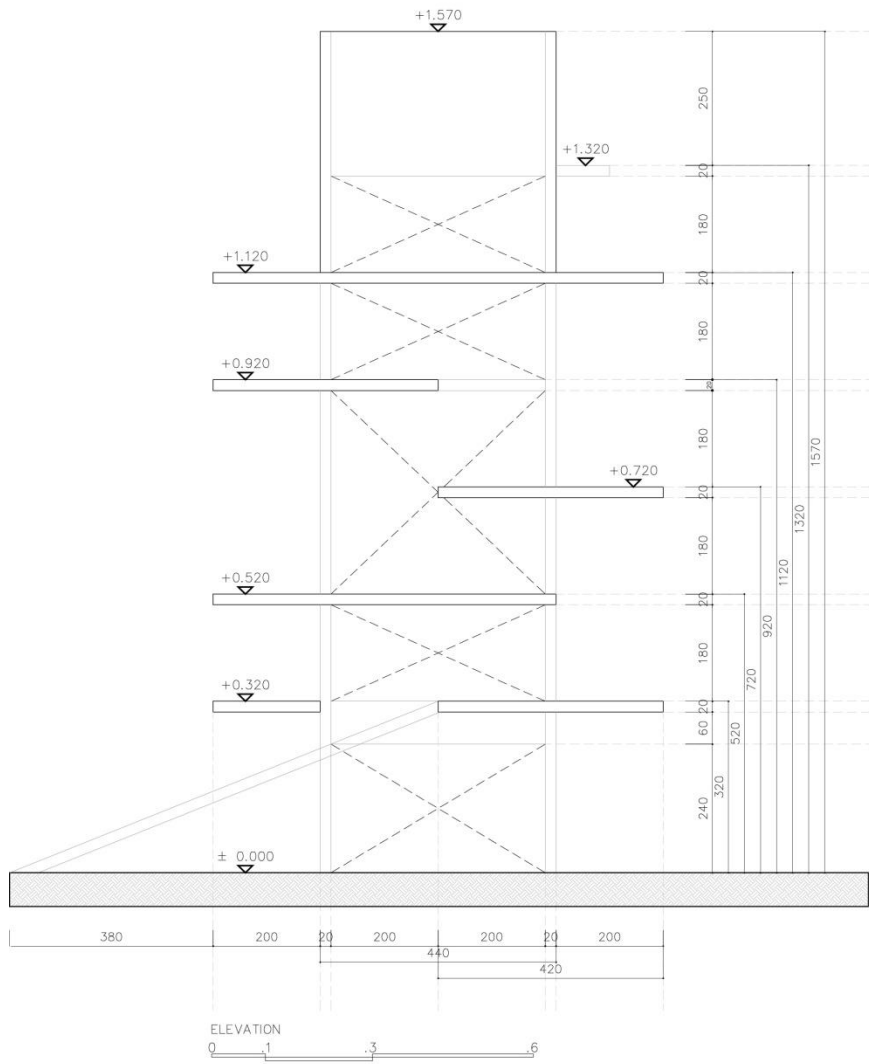


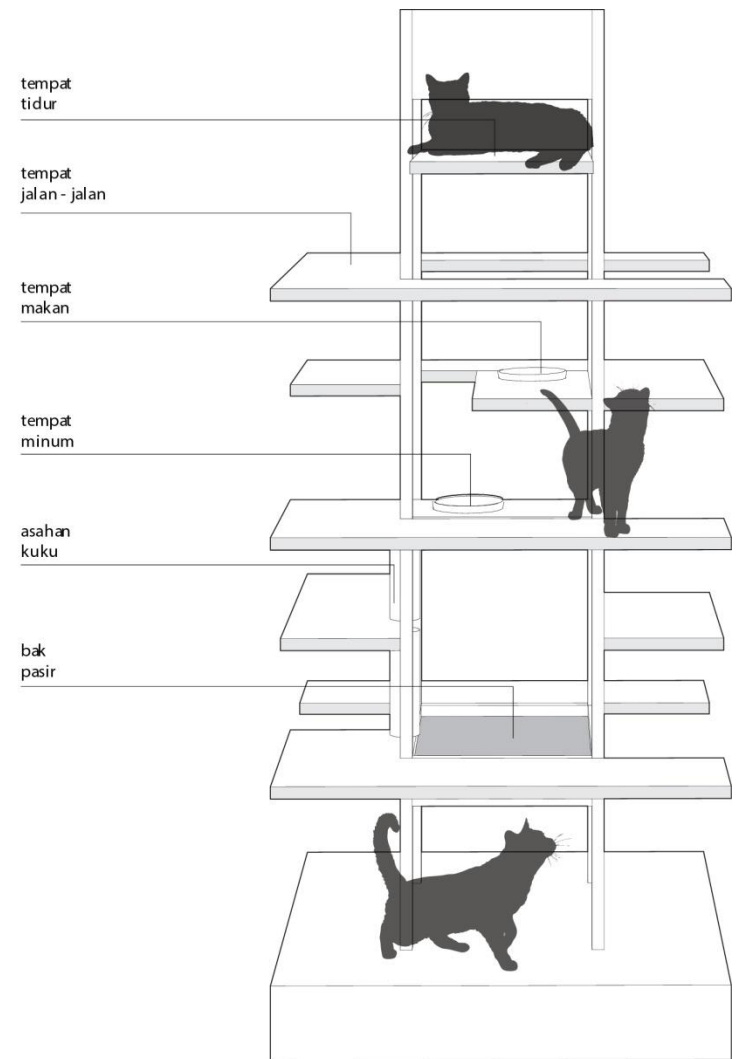
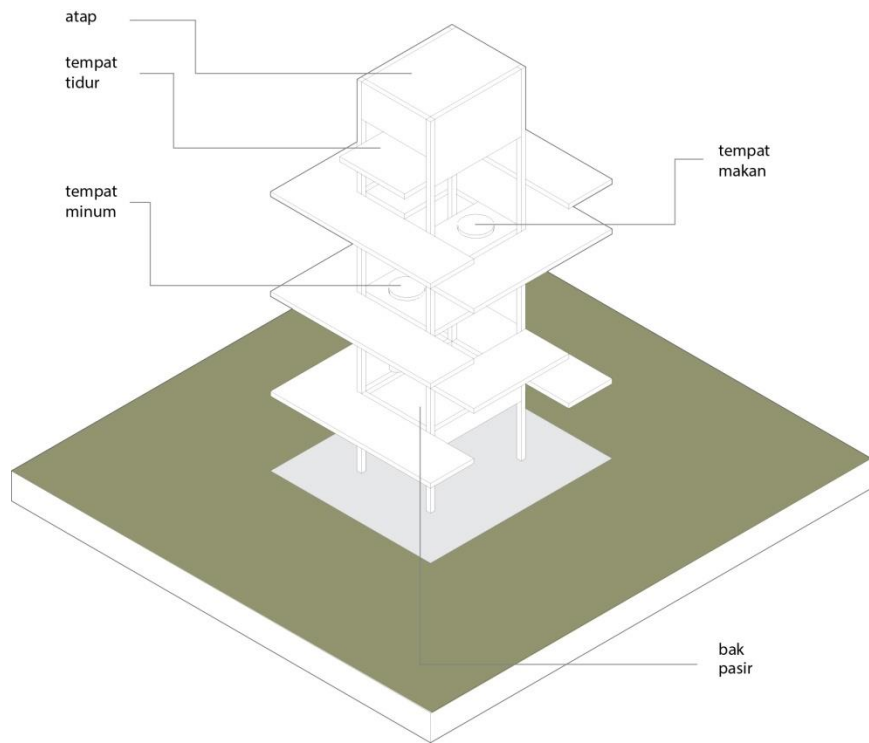


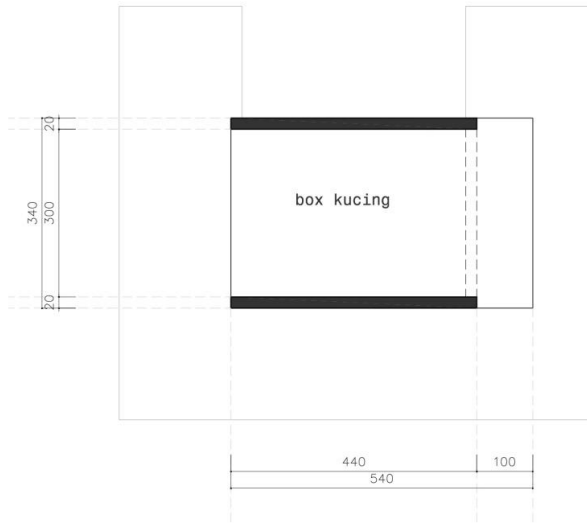
RUMAH  
KUCING  
GARONG



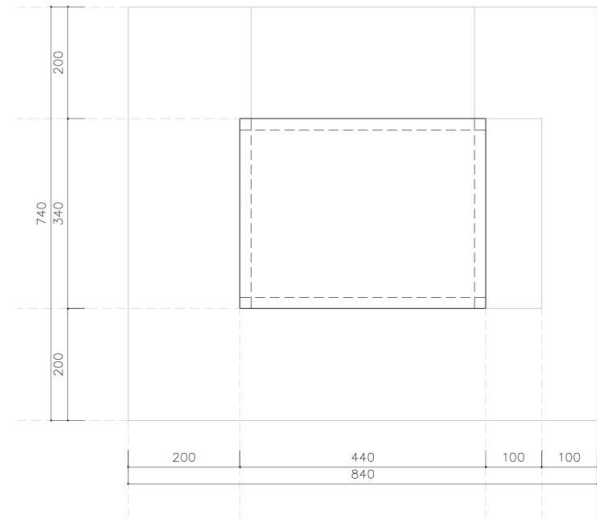






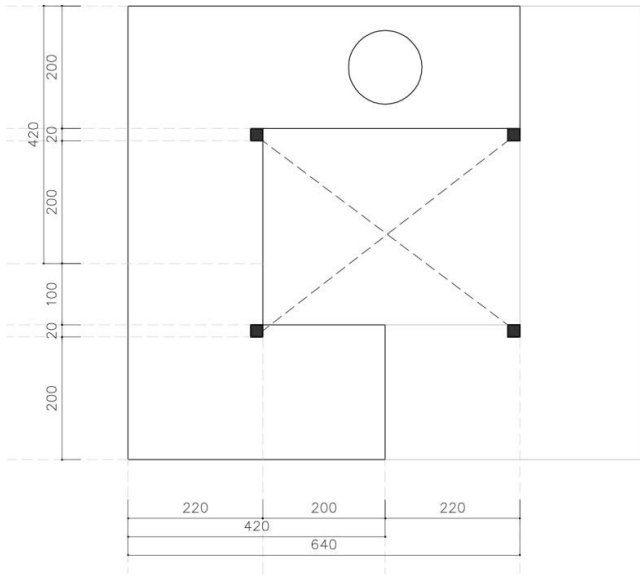


6TH LEVEL  
0 .1 .3 .6

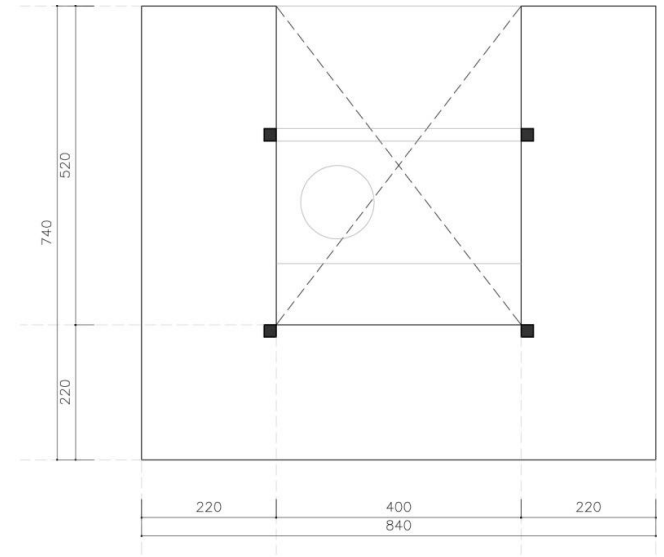


7TH LEVEL  
0 .1 .3 .6

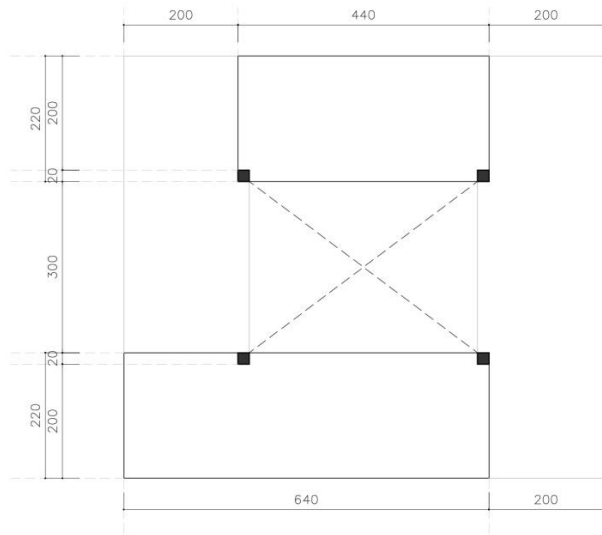




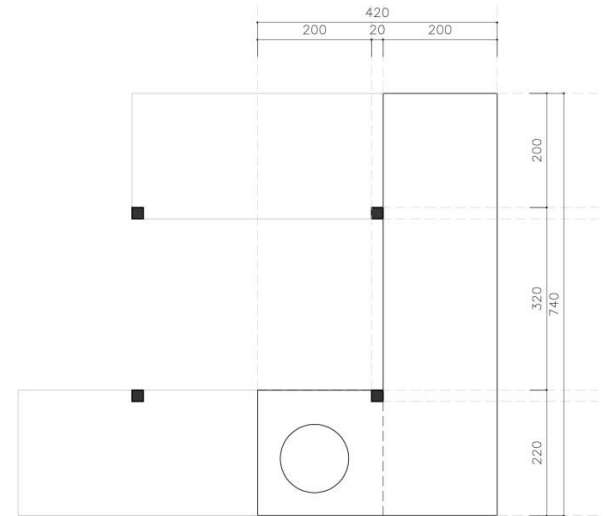
4TH LEVEL  
 0 1 .3 .6



5TH LEVEL  
 0 1 .3 .6

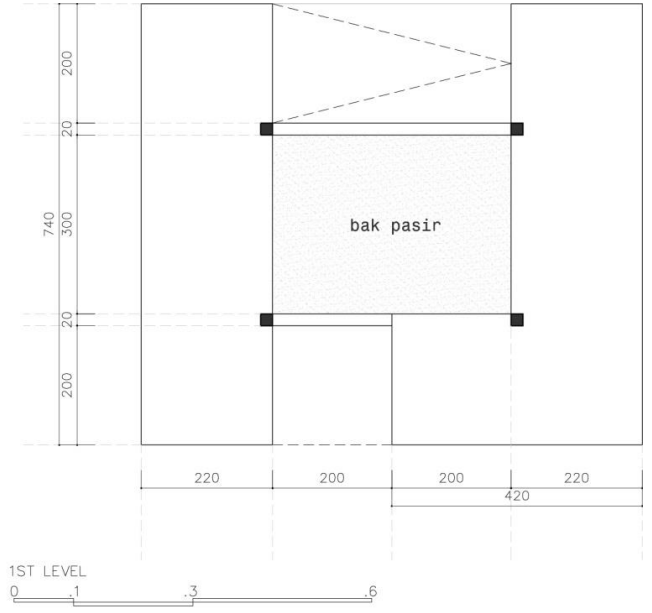
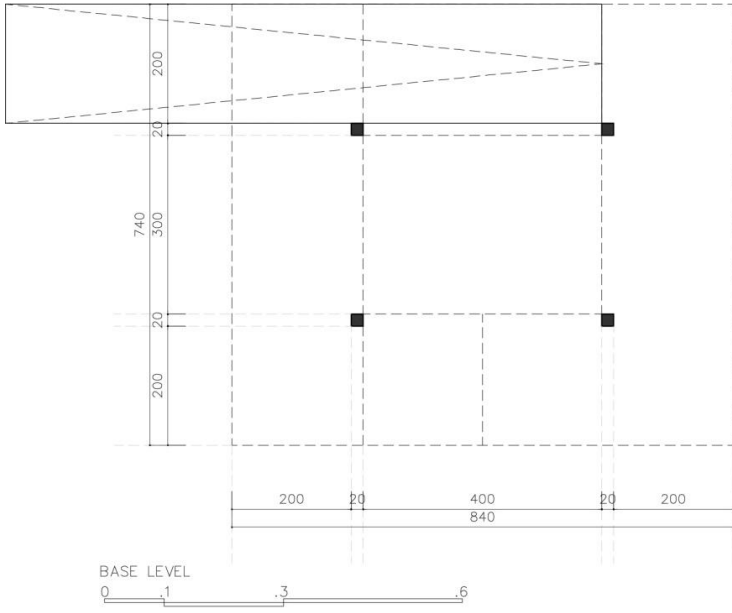


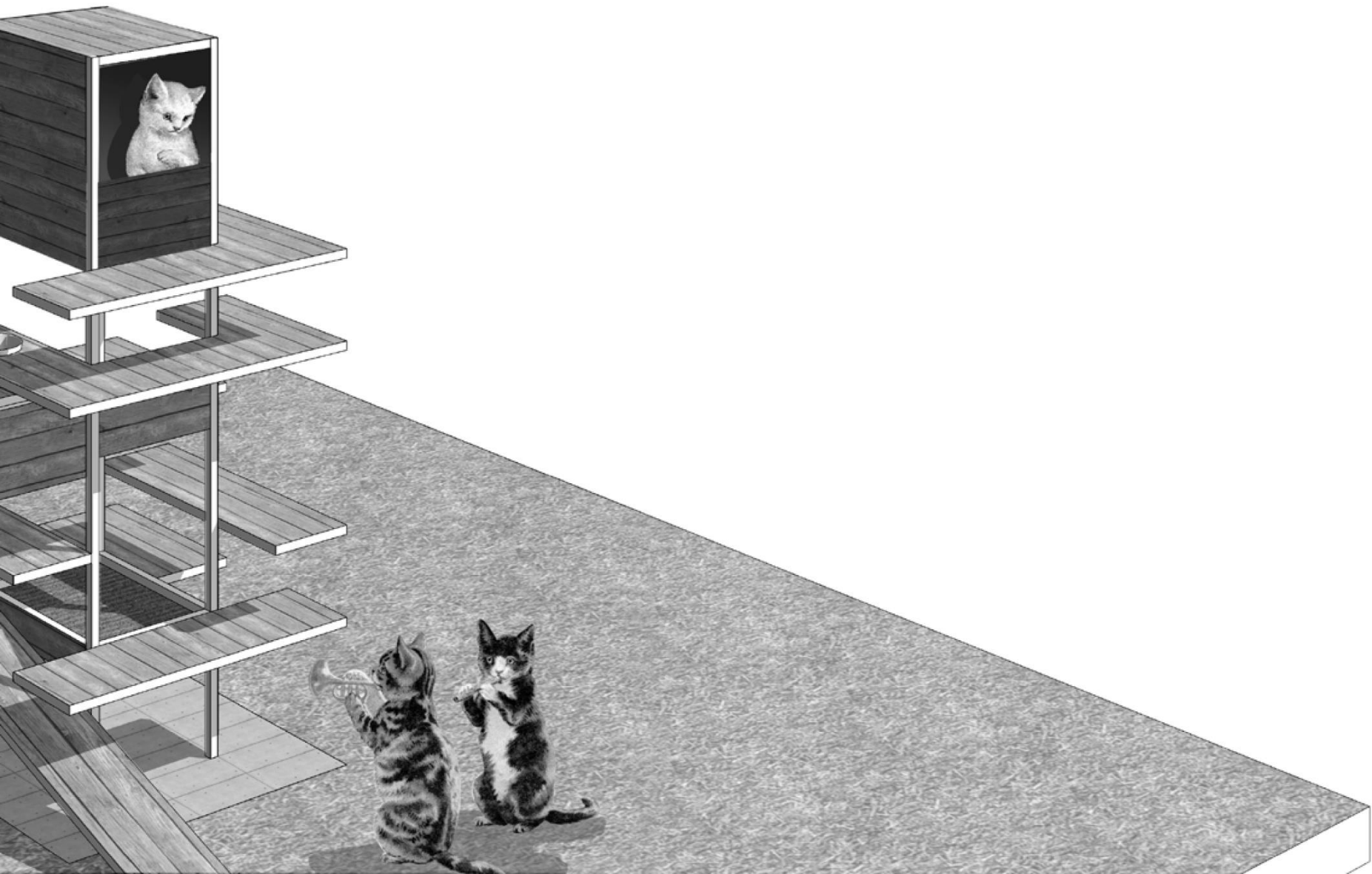
2ND LEVEL  
0 1 .3 .6

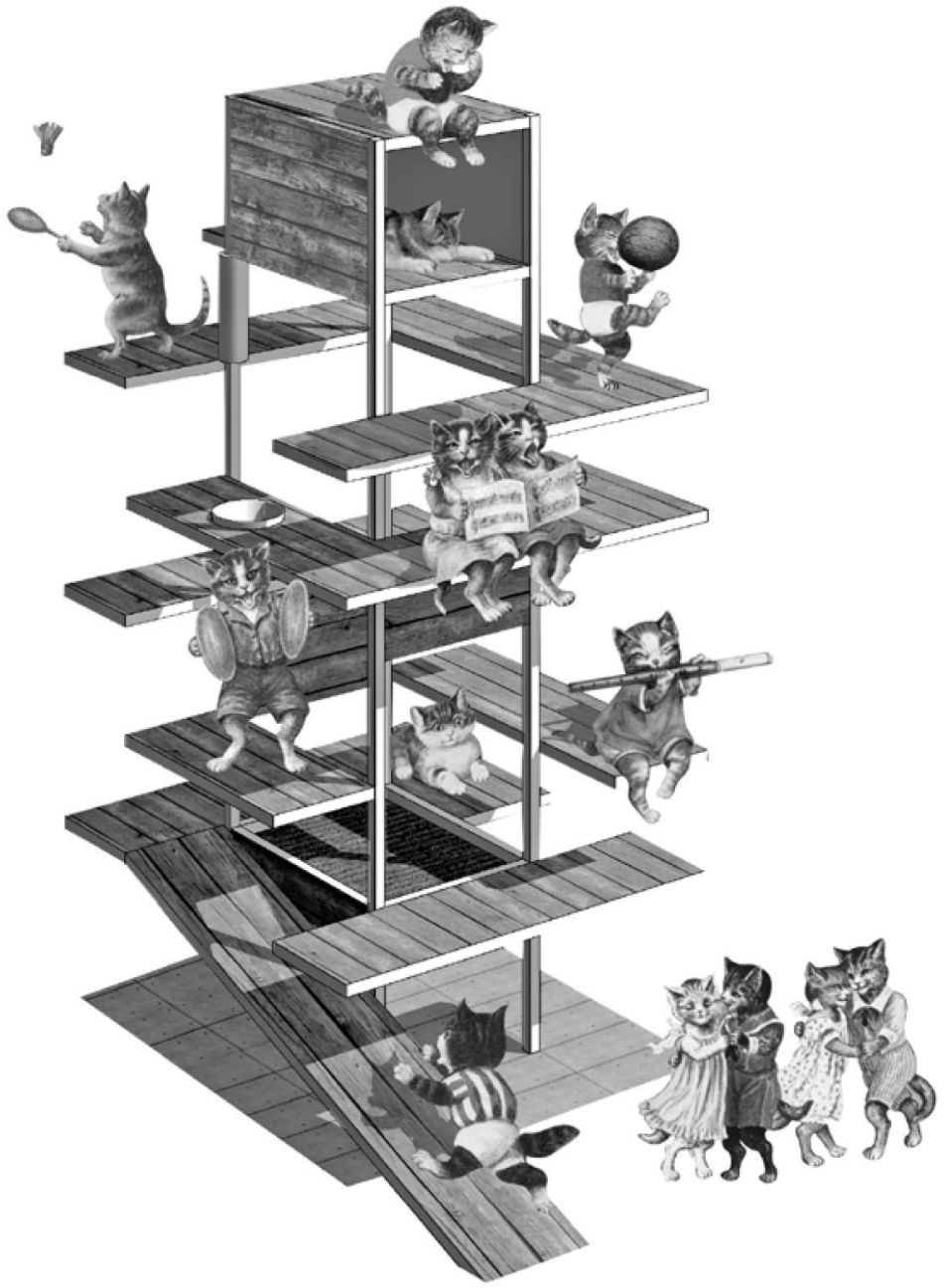


3RD LEVEL  
0 1 .3 .6









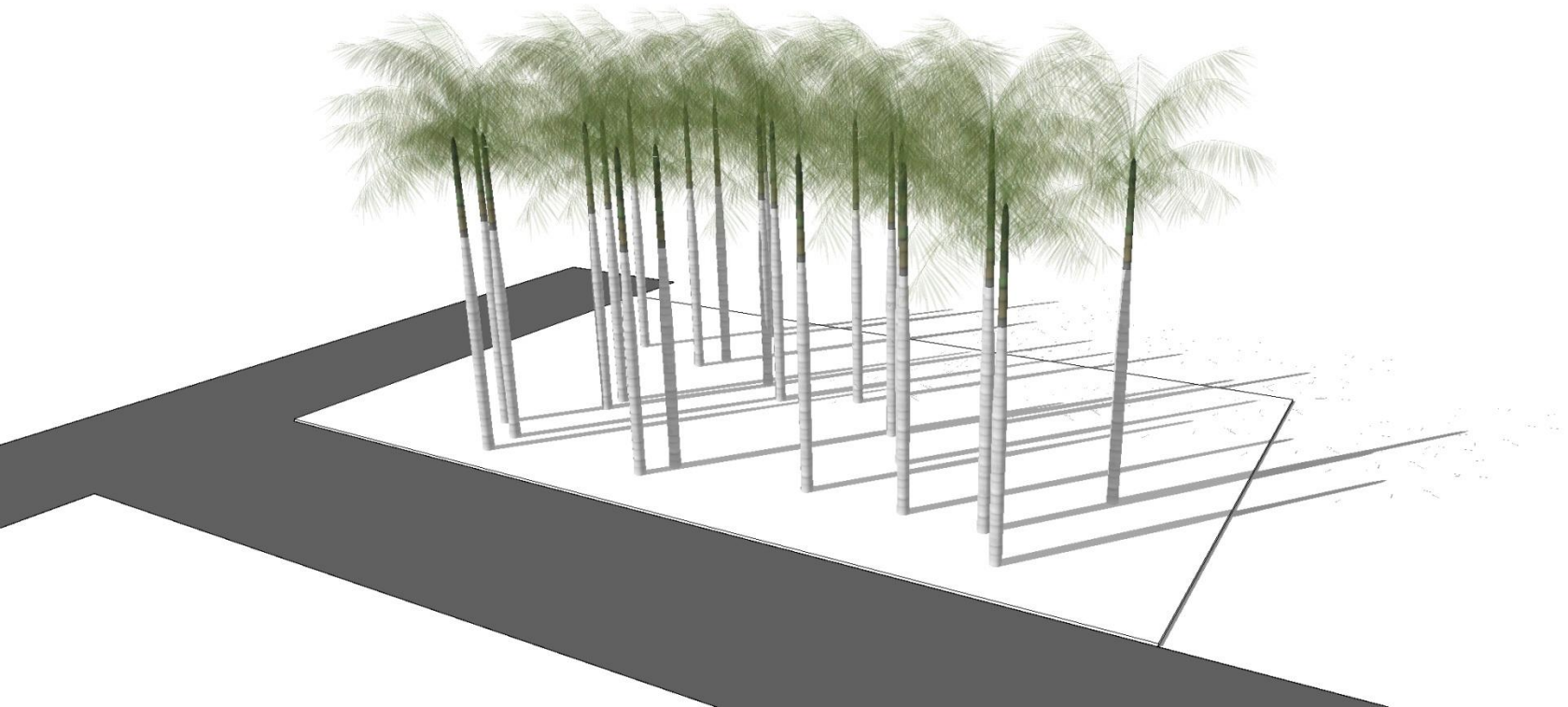


r u m a h  
t i n g g a l

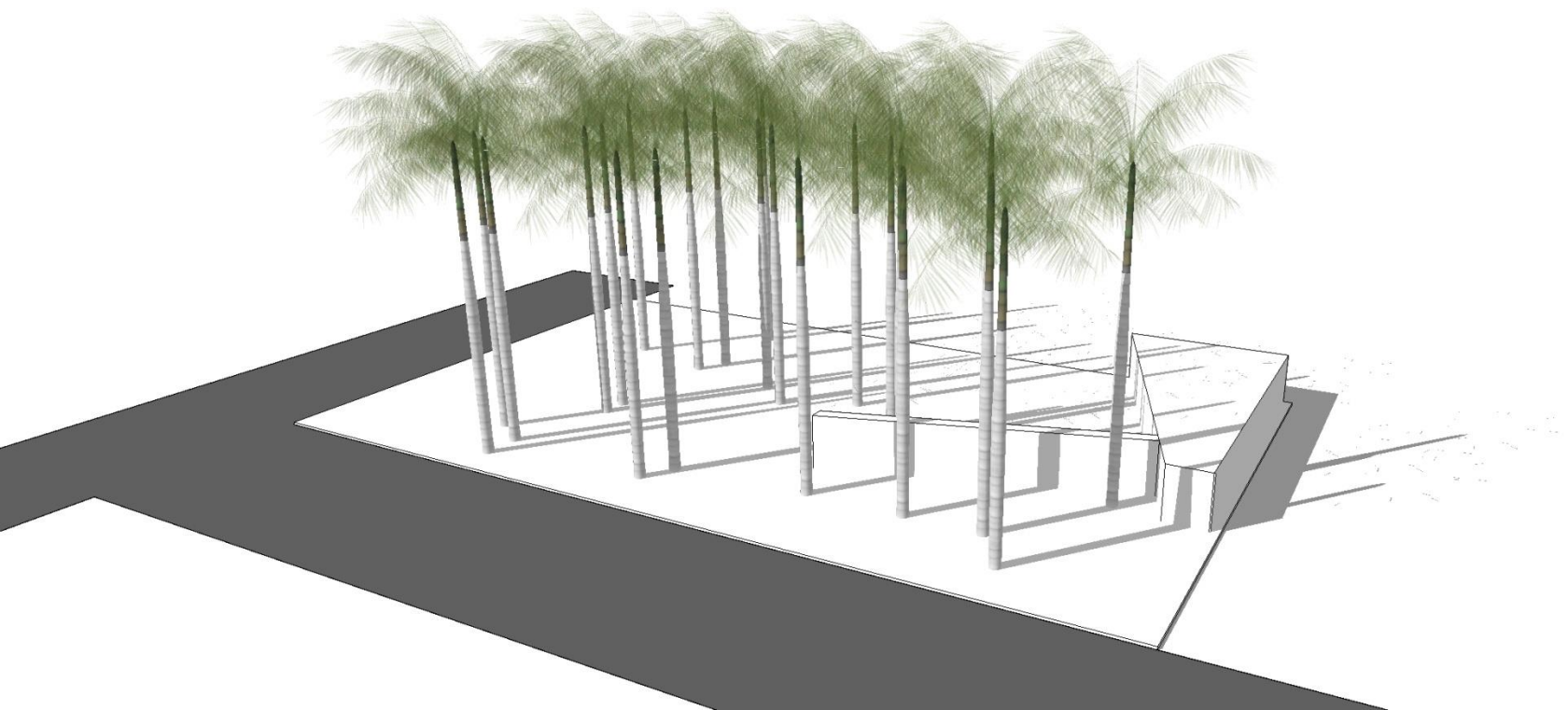
i o & l  
h o u s e



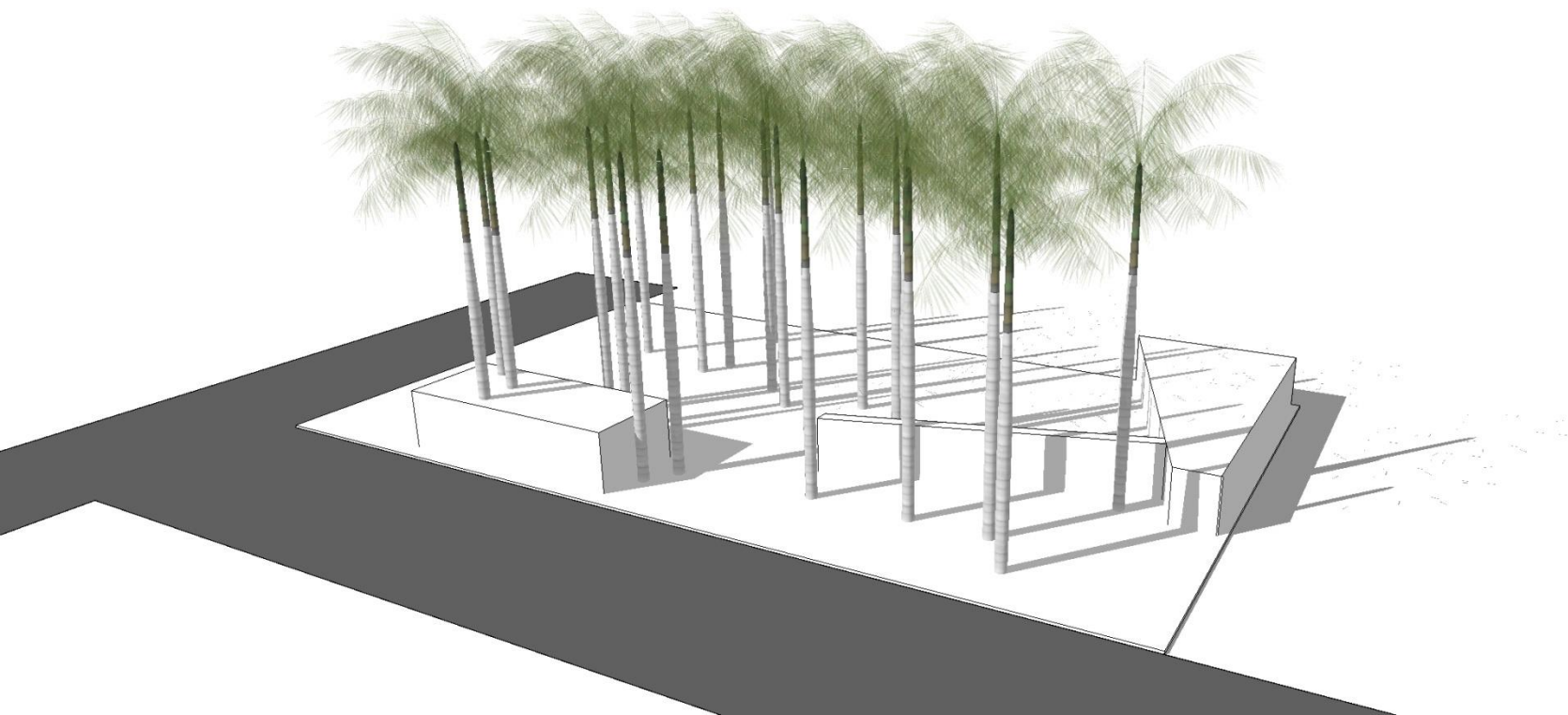
tapak memiliki 27 pohon palm



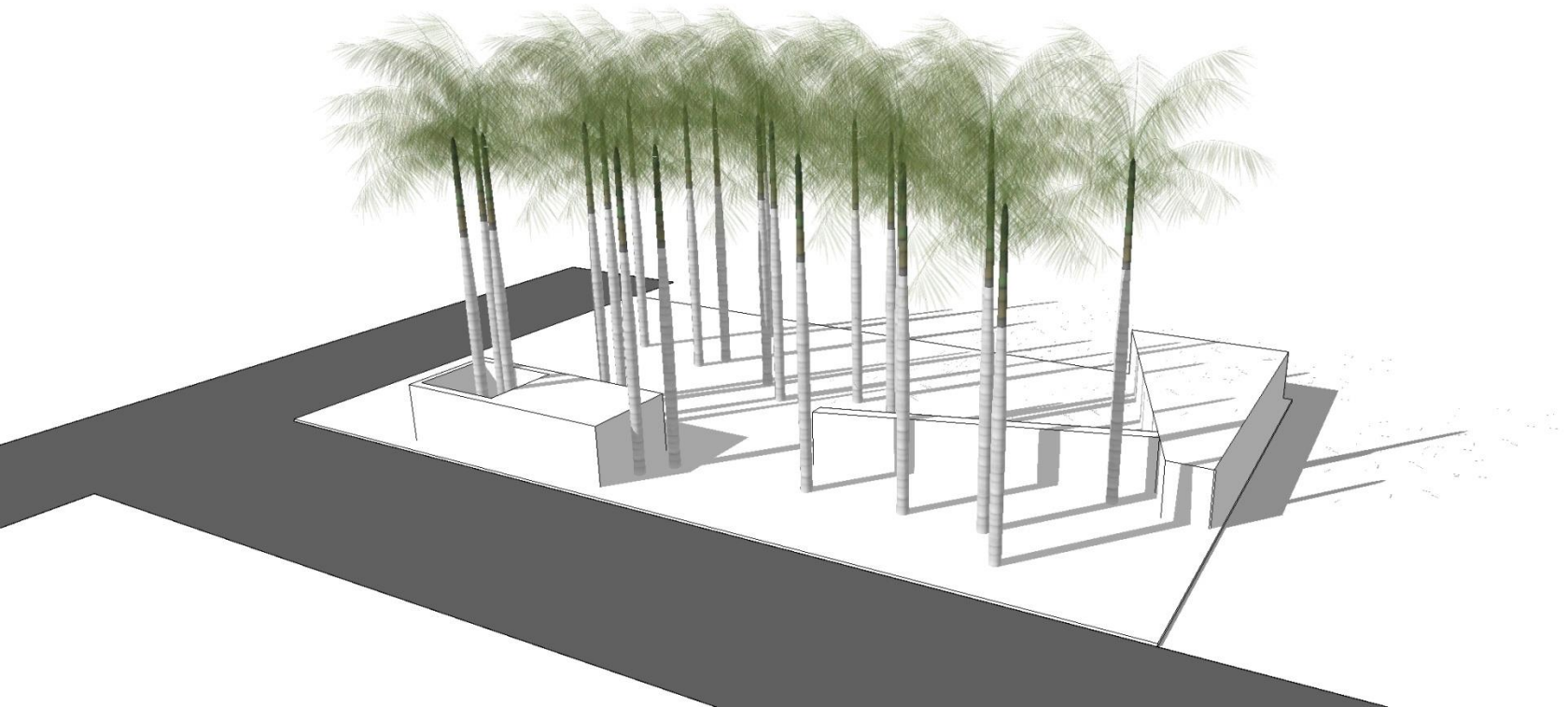
area servis



kamar prt



bangunan merespon pohon palm

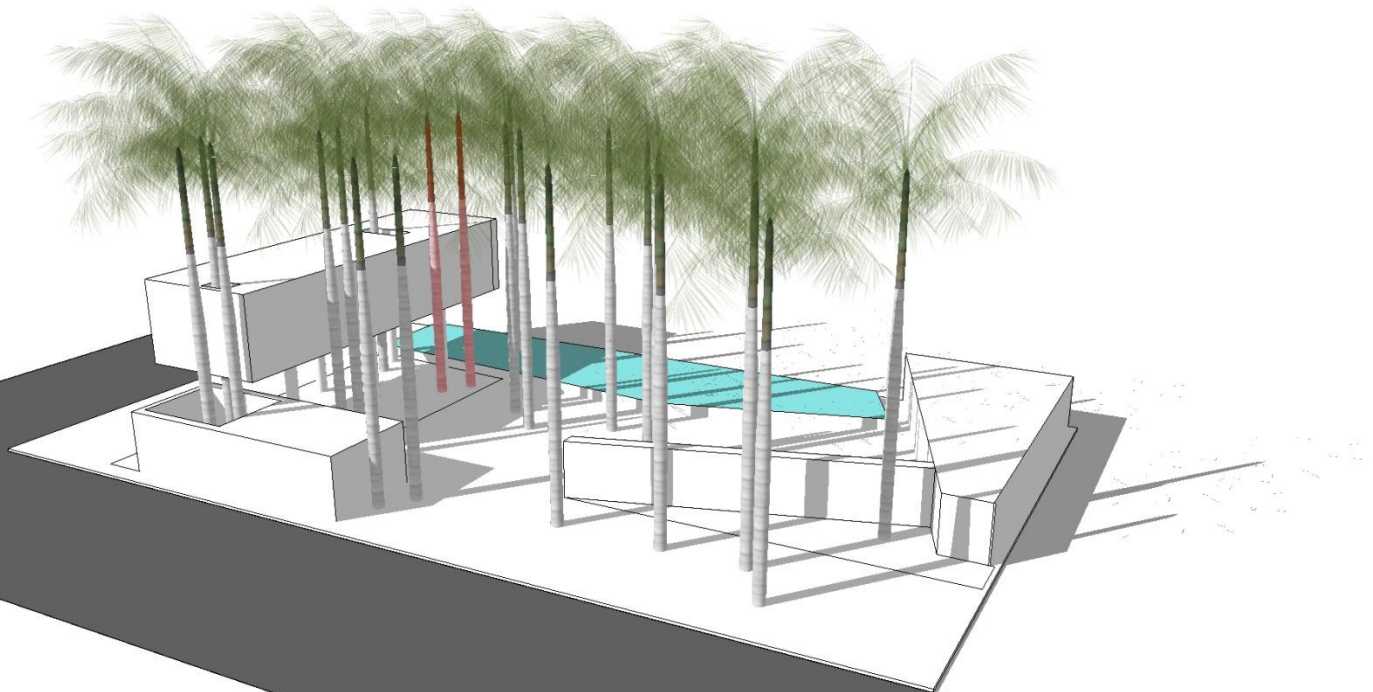


kolam renang





ruang tamu, ruang makan, dapur  
utama



kamar tidur dan kamar mandi



kamar mandi utama



respon terhadap pohon palm



perpustakaan dan kamar tidur  
utama



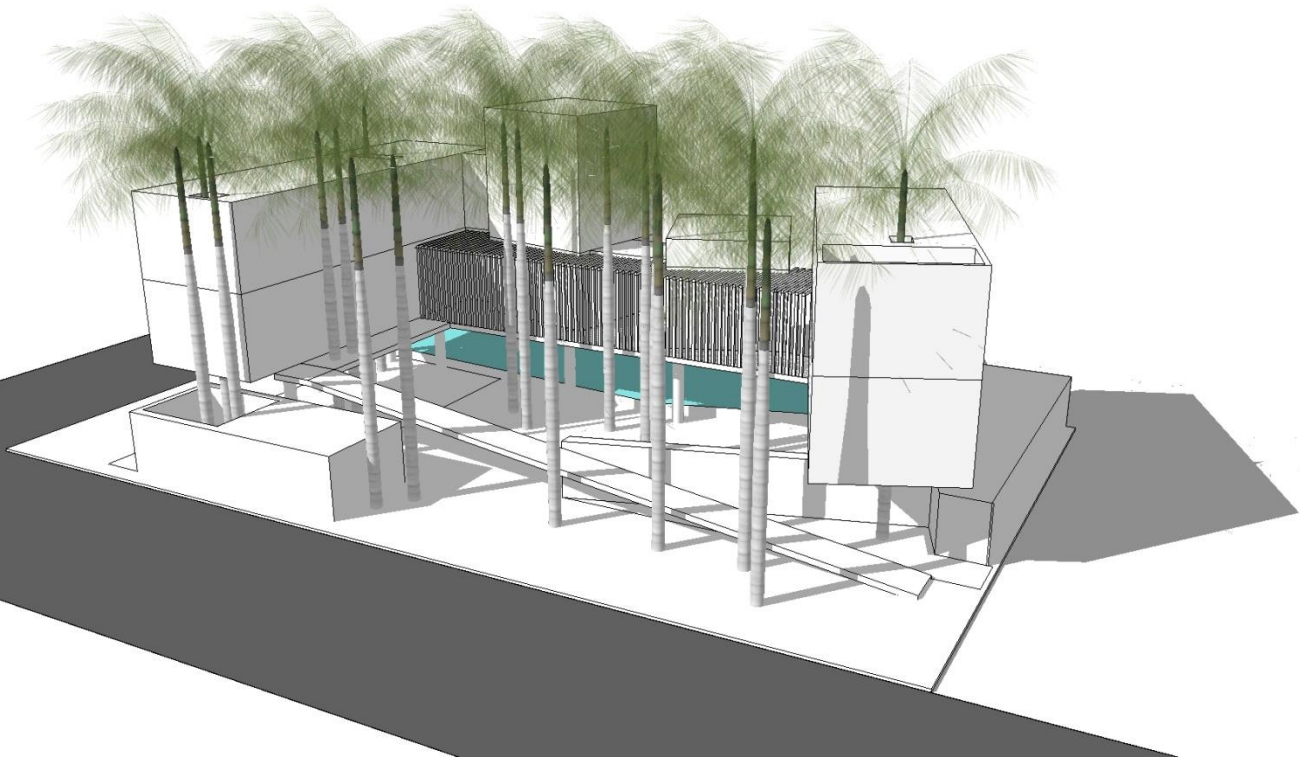
kantor



sirkulasi.



penahan sinar matahari

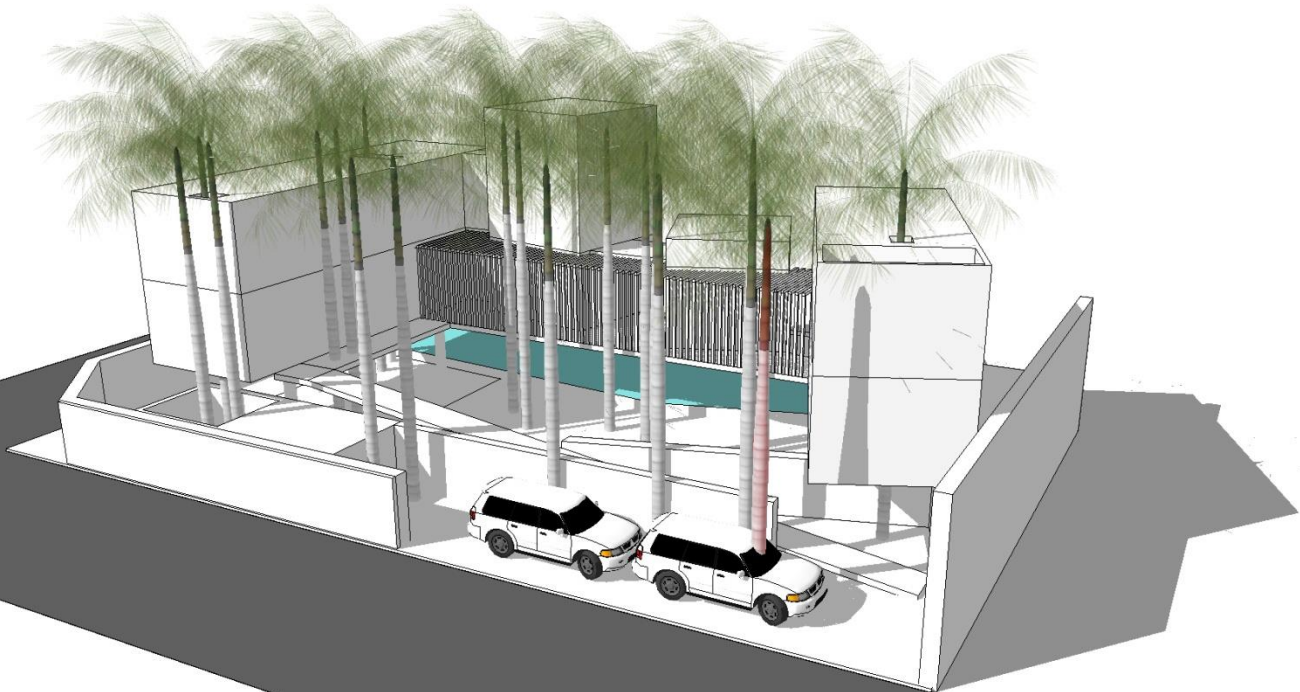




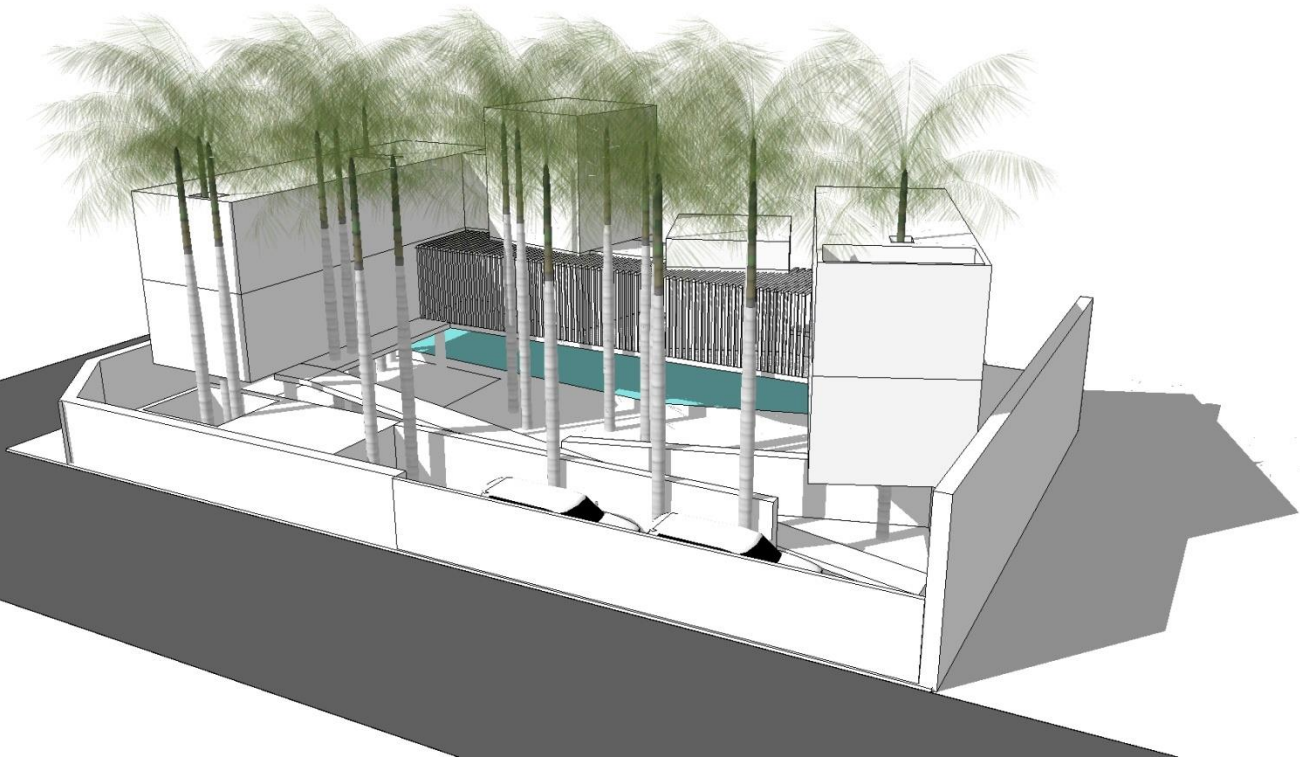
pagar



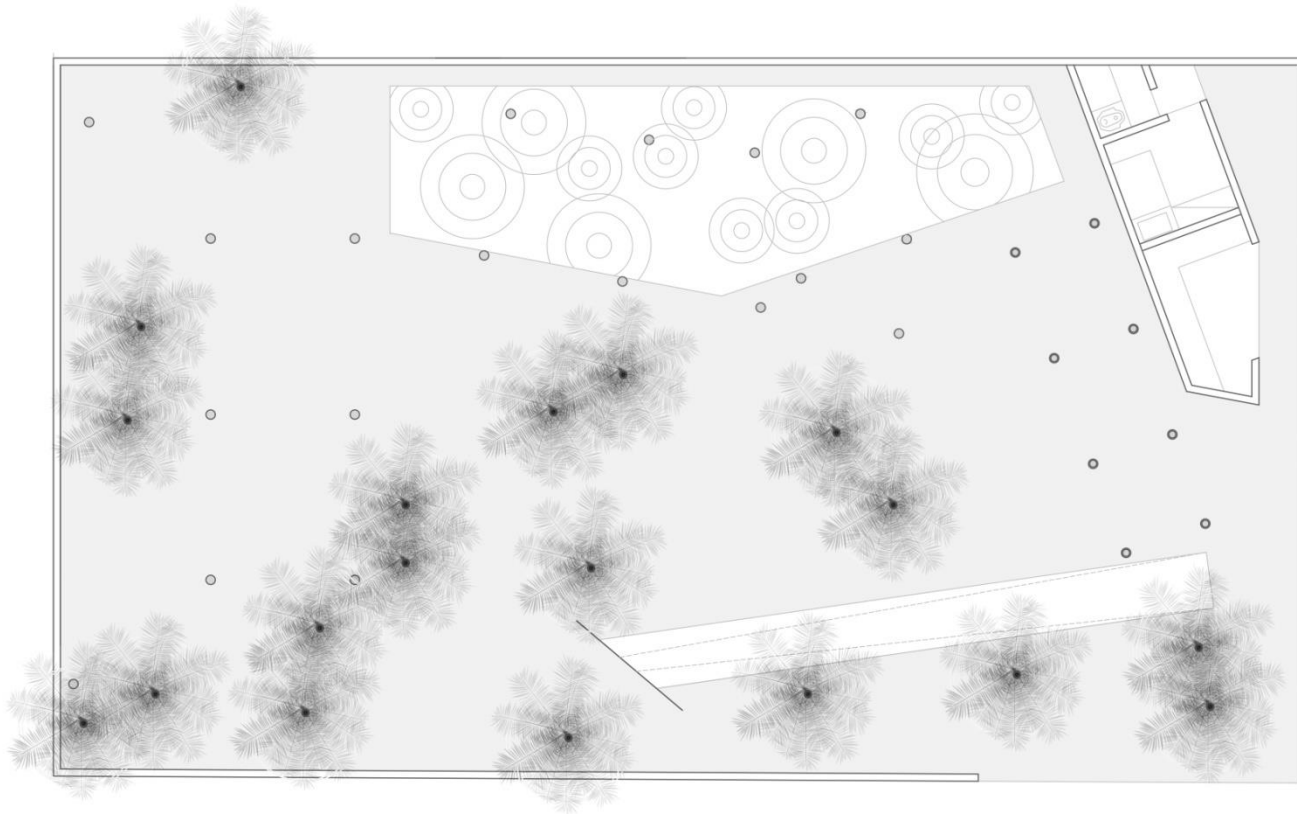
garasi dua mobil



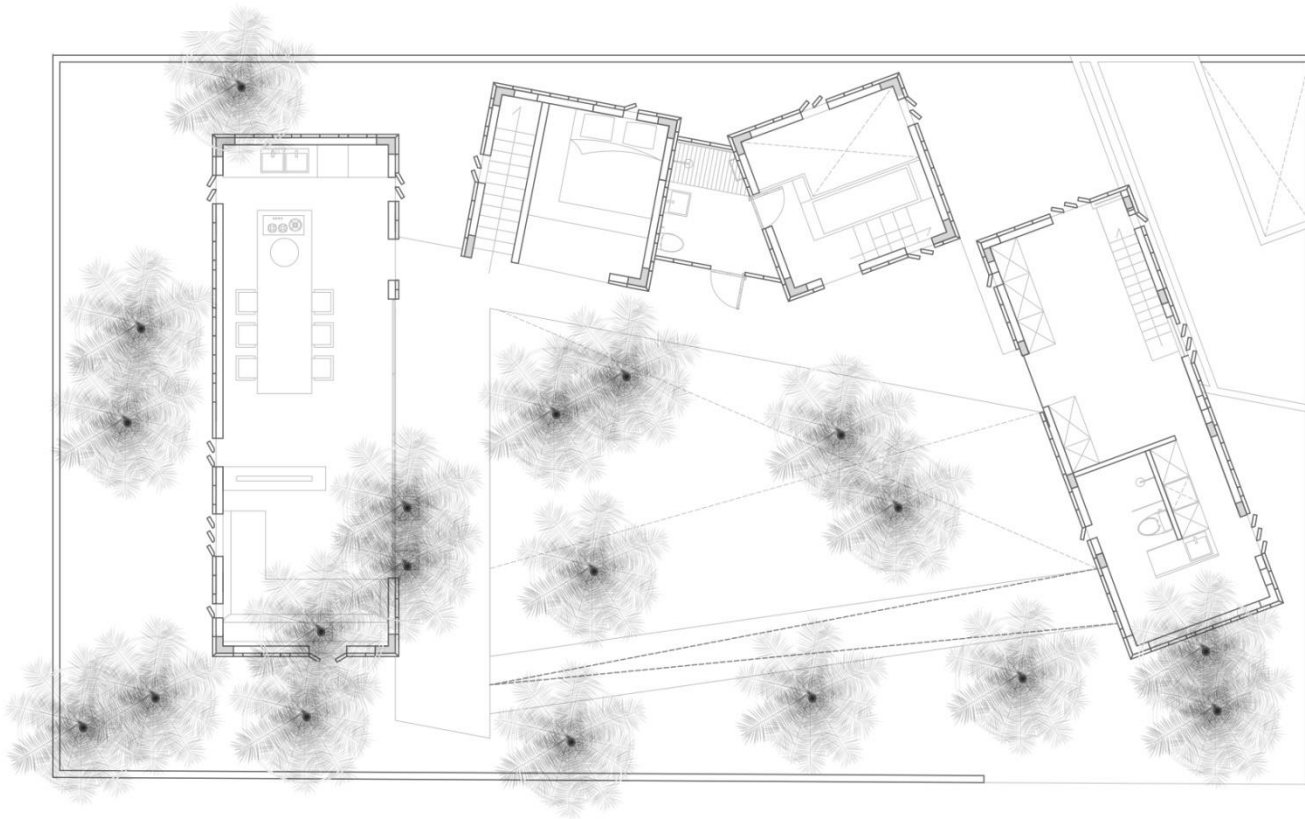
(berkurang satu pohon)



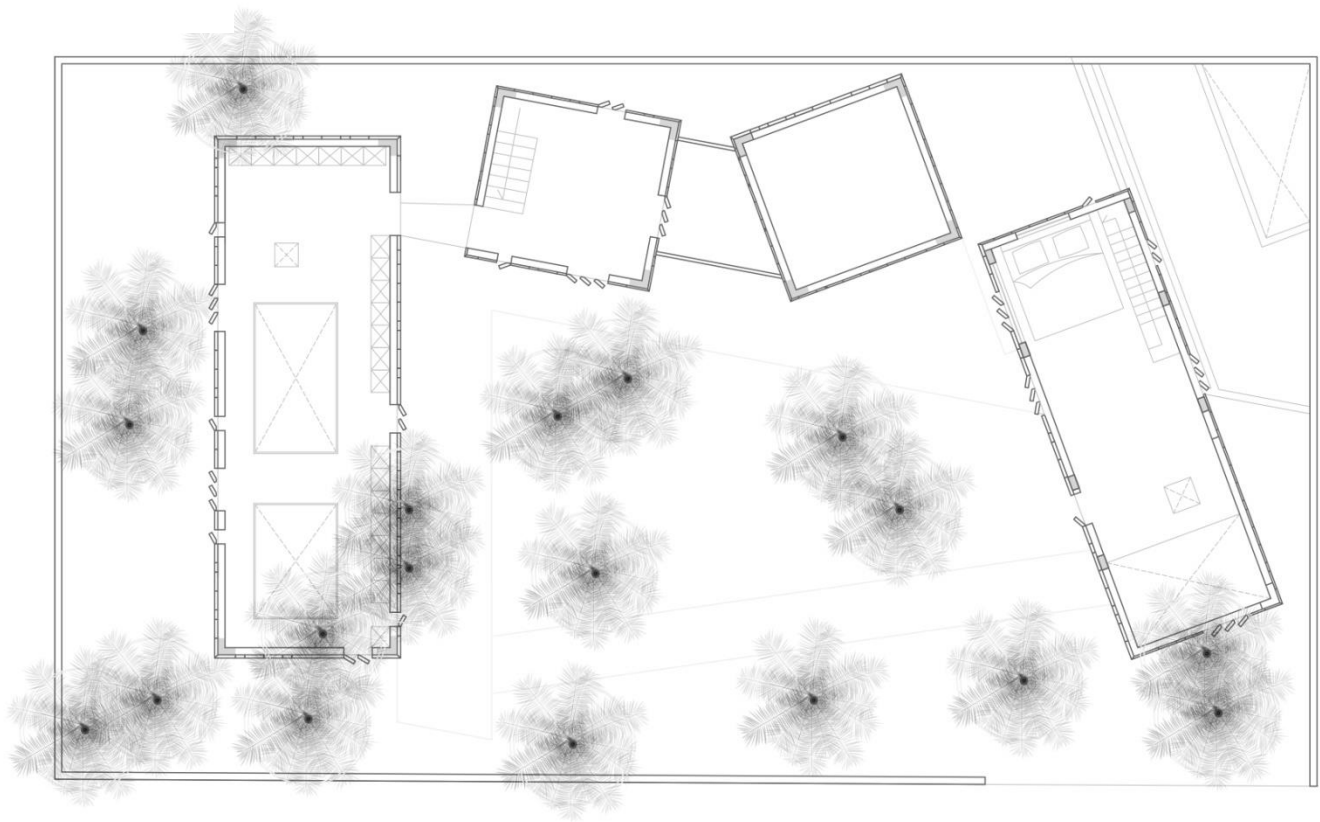




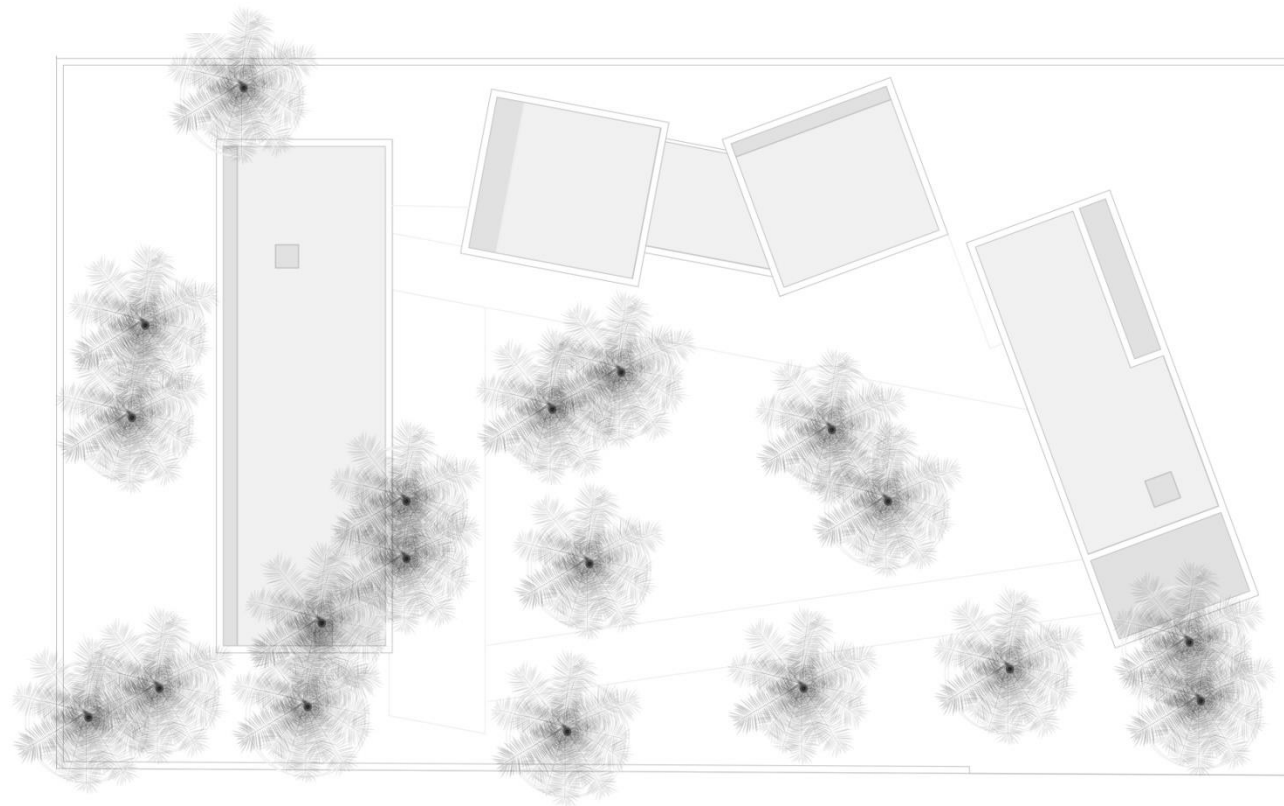
denah lantai dasar



denah lantai satu



denah lantai dua



denah lantai atap













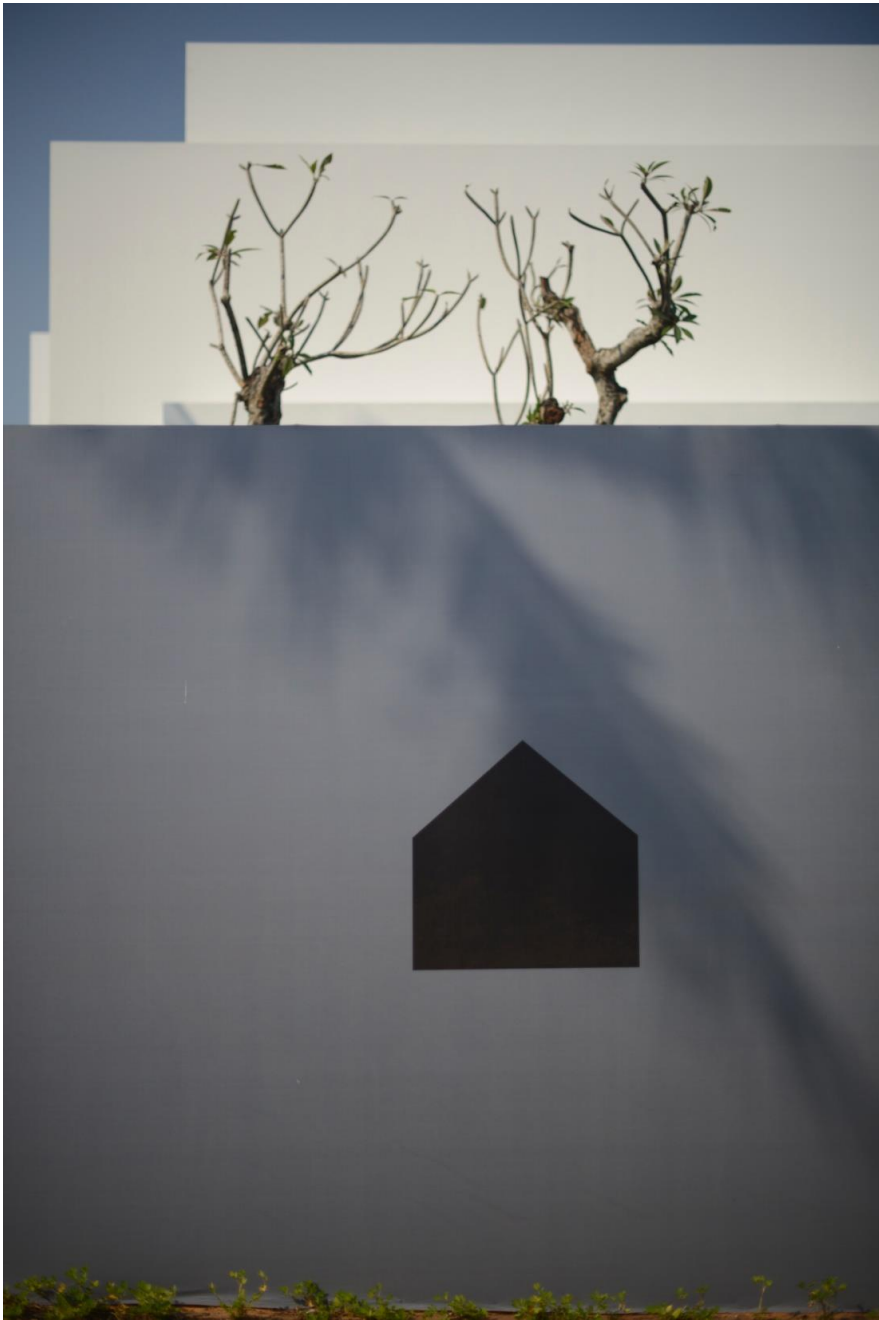




p e r u m a h a n



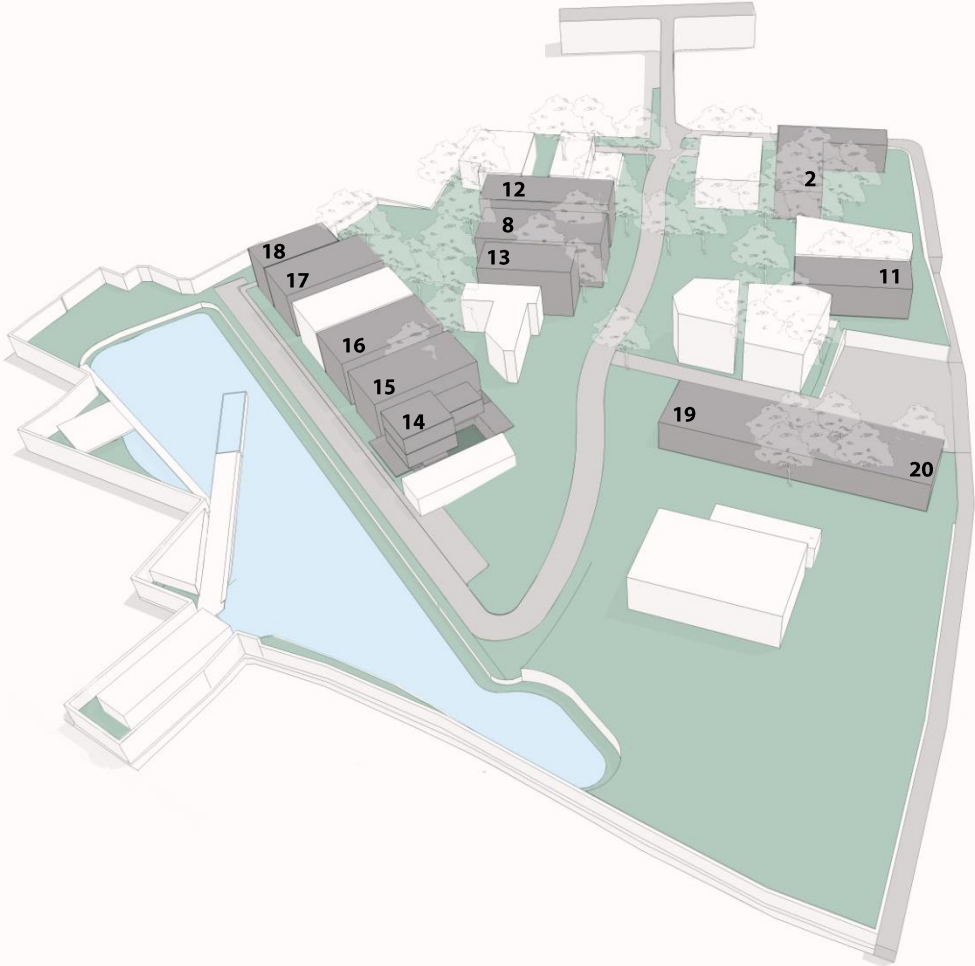
t a n a h  
t e d u h



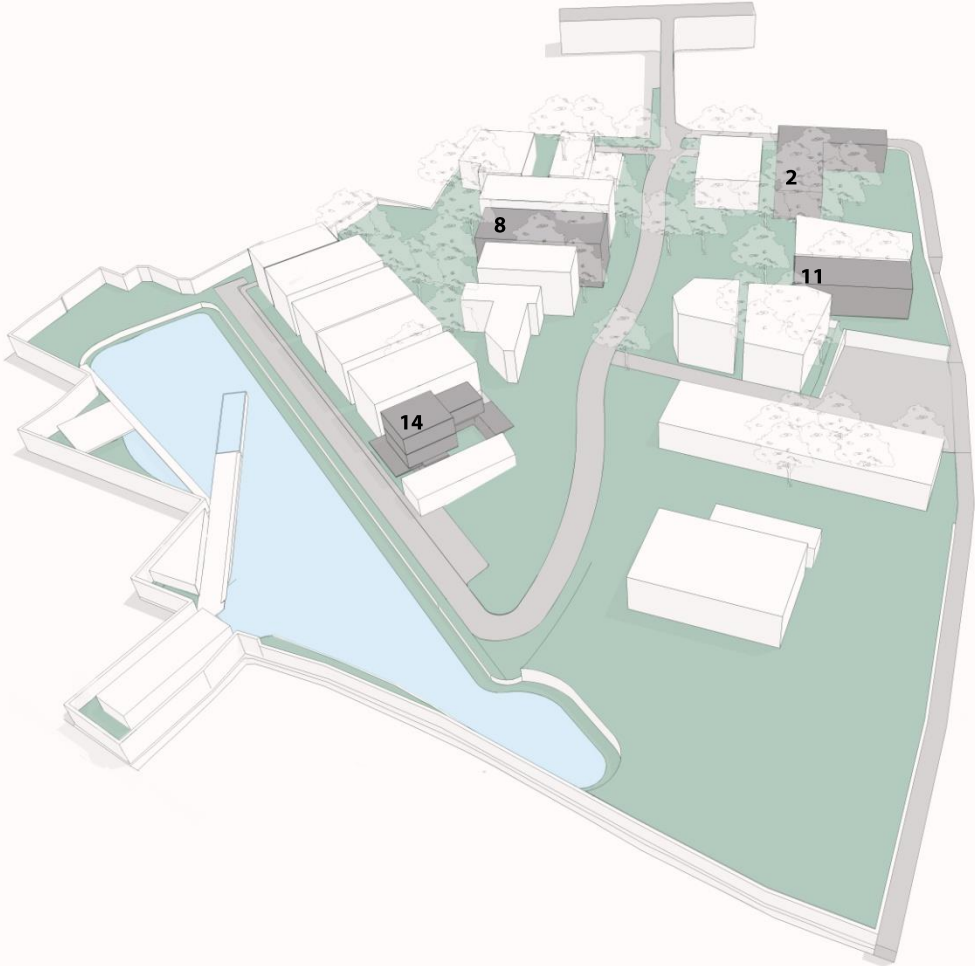




tandah teduh masterplan



rumah oleh andramatin





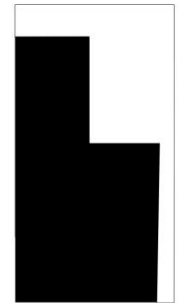
2nd unit



8th unit



11th unit



14th unit

2nd floor

1st floor

ground floor

2nd unit

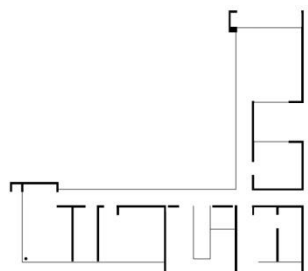
8th unit

11th unit

14th unit



2nd floor



1st floor



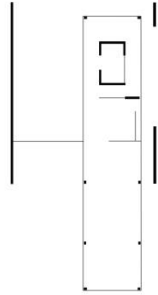
ground floor

2nd unit

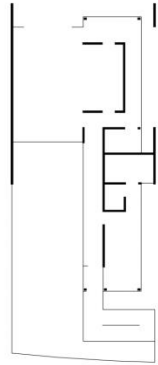
8th unit

11th unit

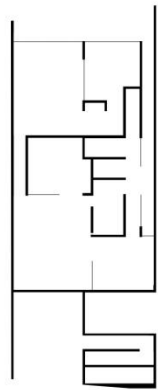
14th unit



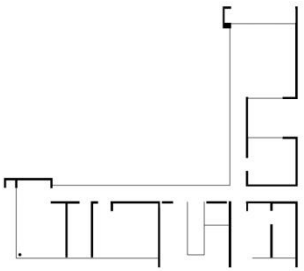
2nd floor



1st floor



ground floor

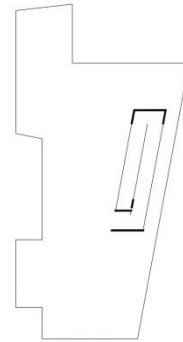
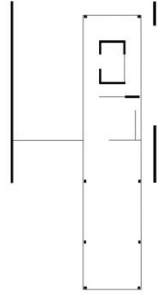


2nd unit

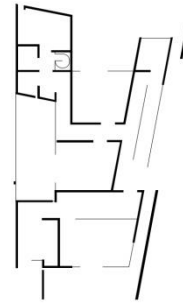
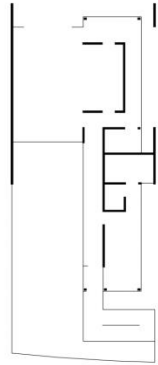


11th unit

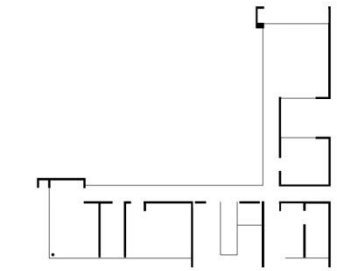
14th unit



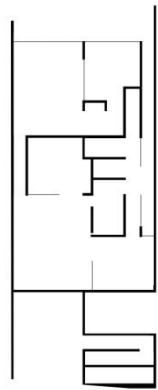
2nd floor



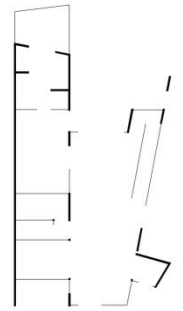
1st floor



2nd unit



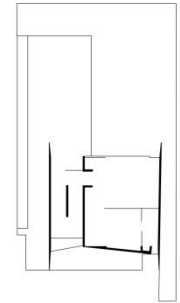
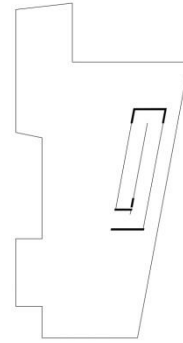
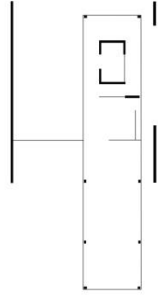
8th unit



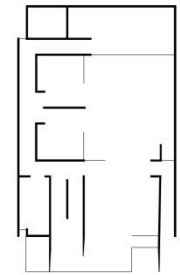
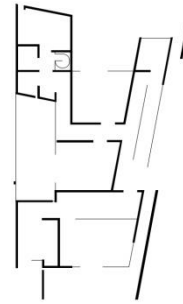
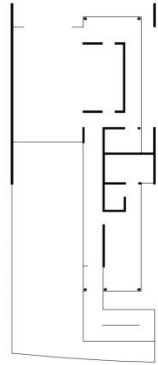
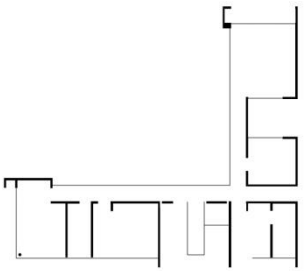
11th unit

ground floor

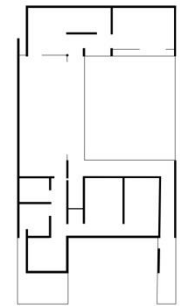
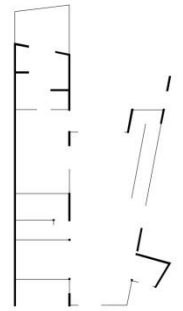
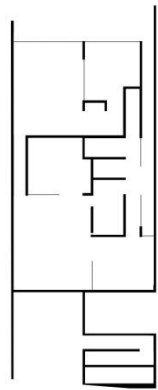
14th unit



2nd floor



1st floor



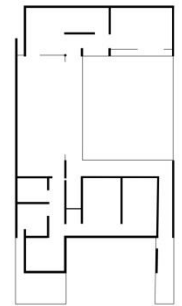
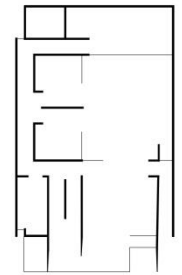
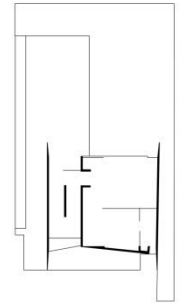
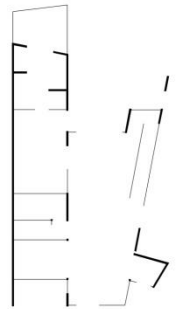
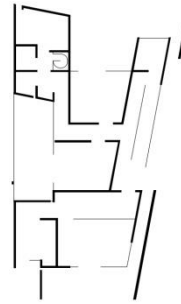
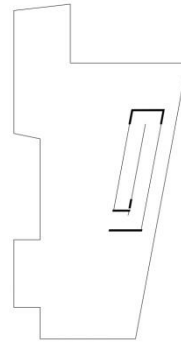
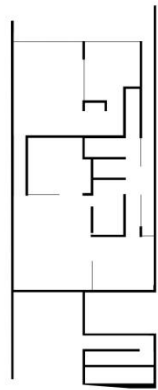
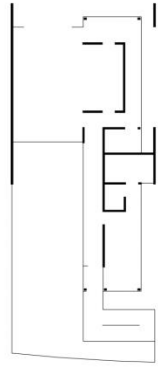
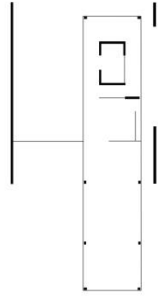
ground floor

2nd unit

8th unit

11th unit

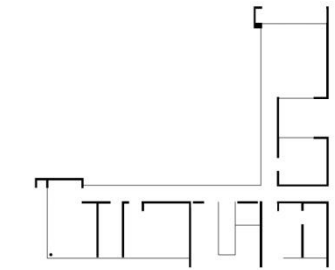
14th unit



2nd floor

1st floor

ground floor



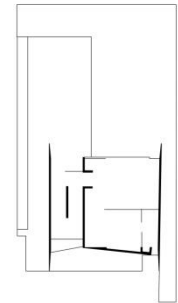
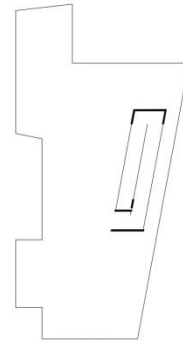
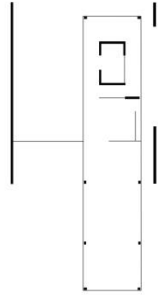
2nd unit

8th unit

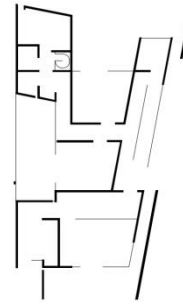
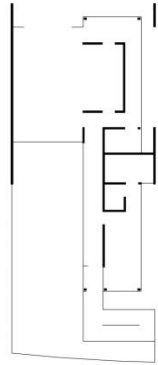
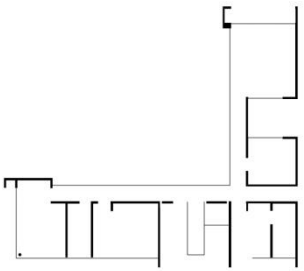
11th unit

14th unit

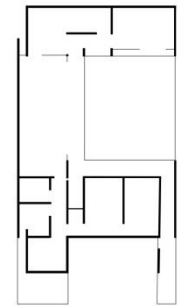
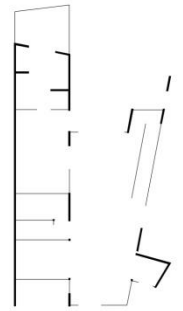
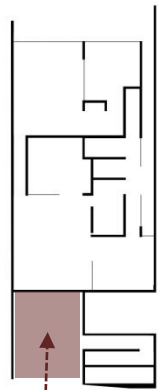
Garasi



2nd floor



1st floor



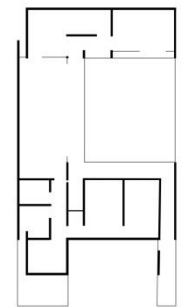
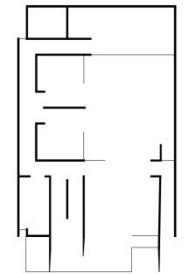
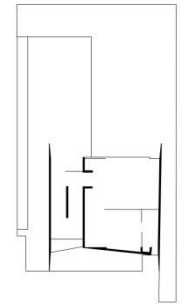
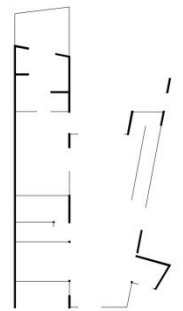
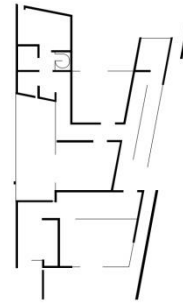
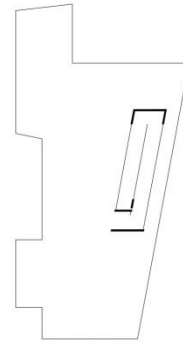
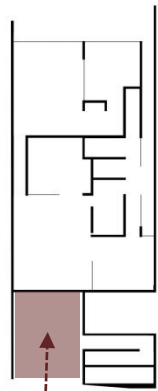
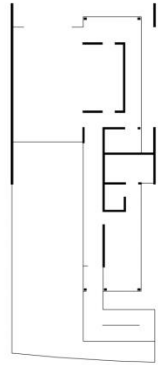
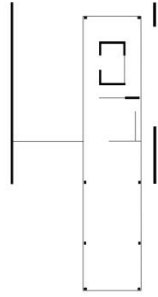
ground floor

2nd unit

8th unit

11th unit

14th unit



2nd floor

1st floor

ground floor

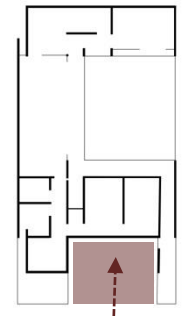
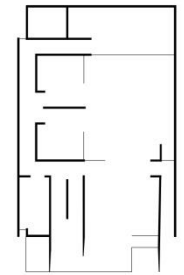
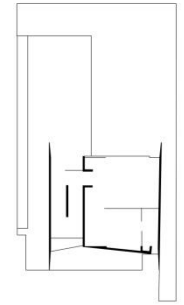
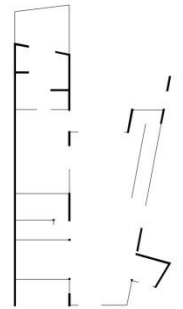
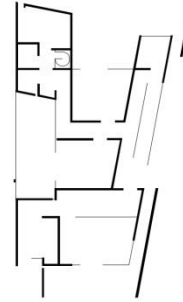
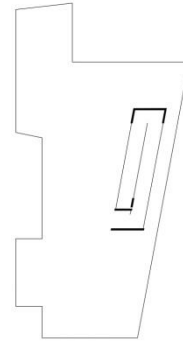
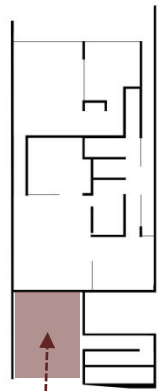
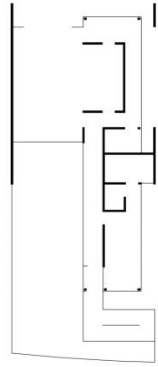
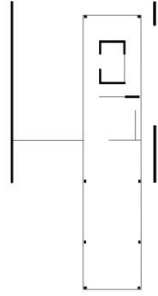
2nd unit

8th unit

11th unit

14th unit

Garasi



2nd floor

1st floor

ground floor

2nd unit

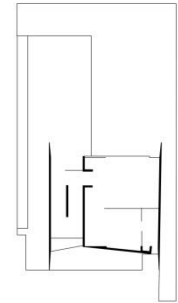
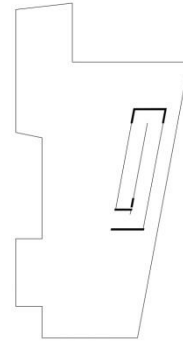
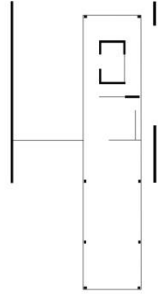
8th unit

11th unit

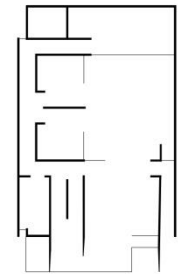
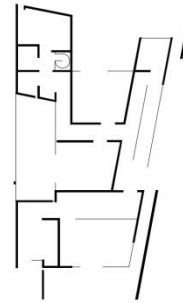
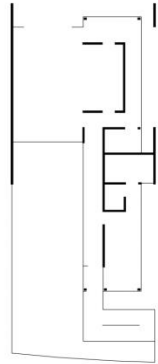
14th unit

Garasi

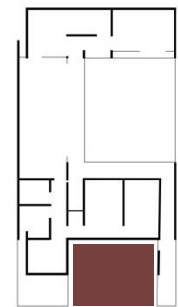
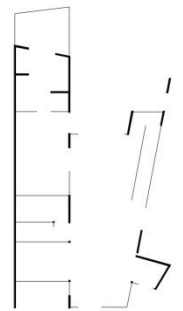
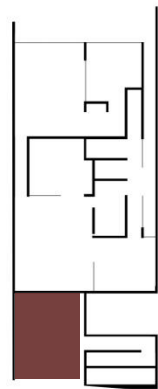
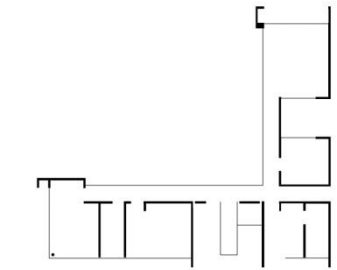




2nd floor



1st floor



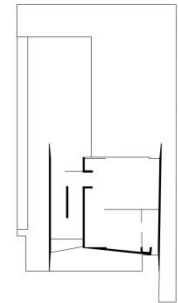
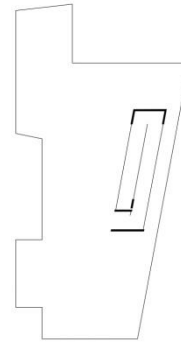
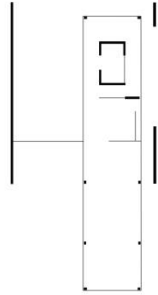
ground floor

2nd unit

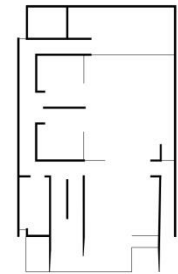
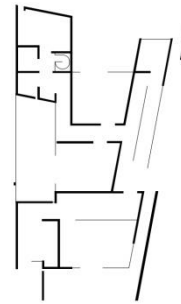
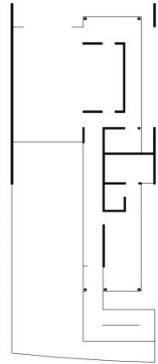
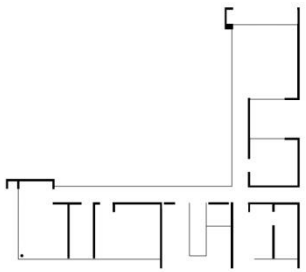
8th unit

11th unit

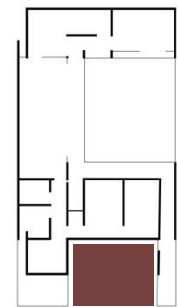
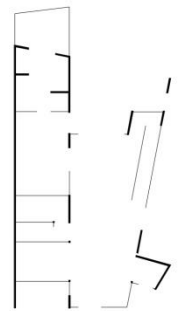
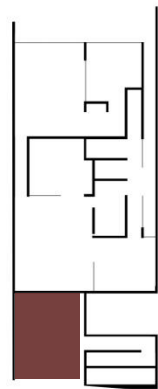
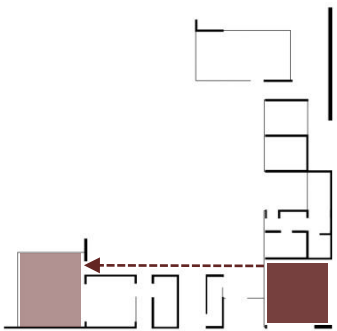
14th unit



2nd floor



1st floor



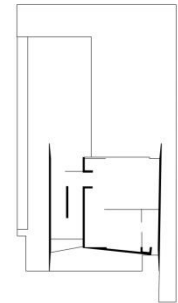
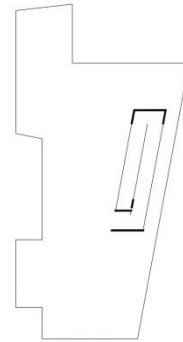
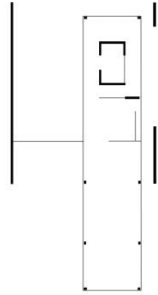
ground floor

2nd unit

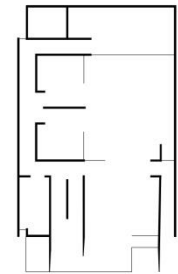
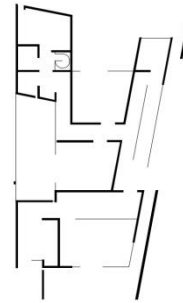
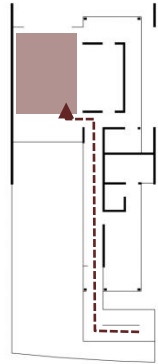
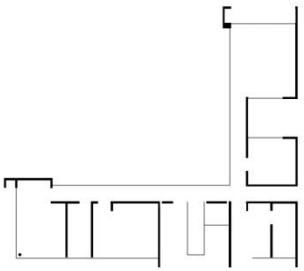
8th unit

11th unit

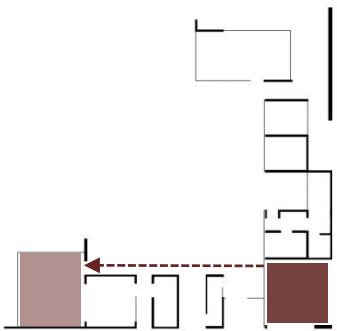
14th unit



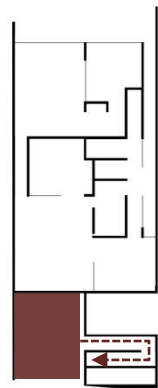
2nd floor



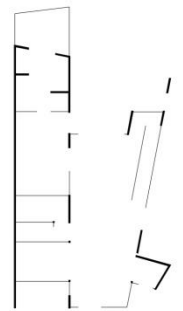
1st floor



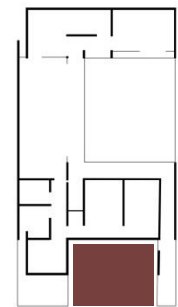
2nd unit



8th unit

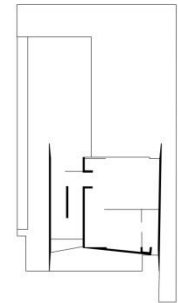
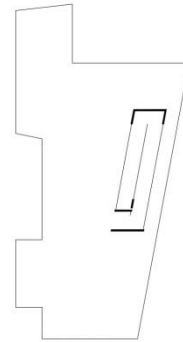
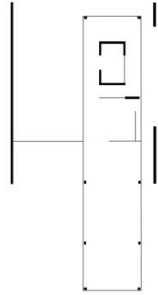


11th unit

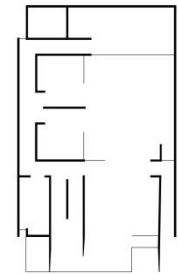
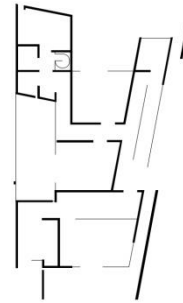
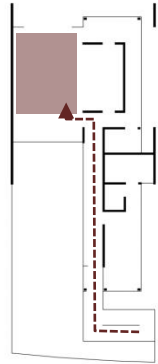
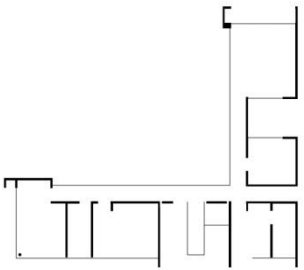


14th unit

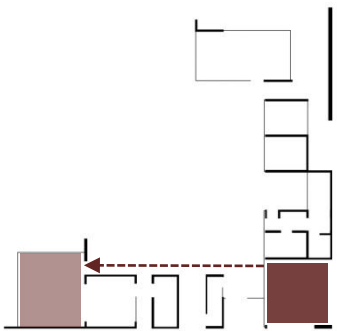
ground floor



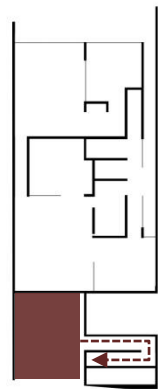
2nd floor



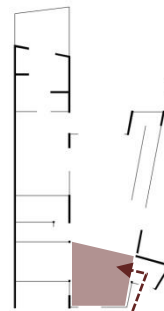
1st floor



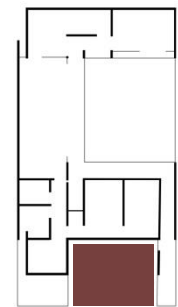
2nd unit



8th unit

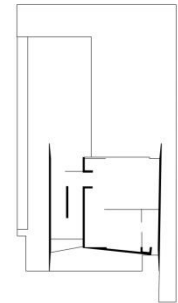
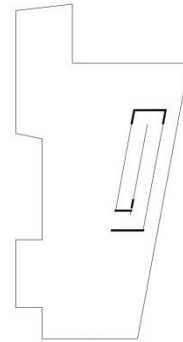
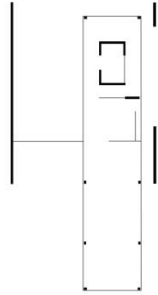


11th unit

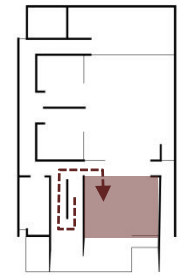
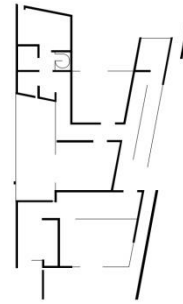
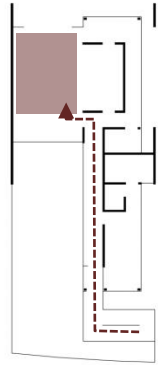


14th unit

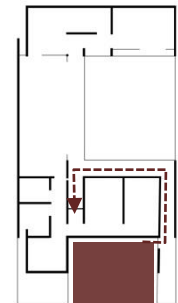
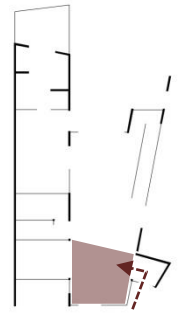
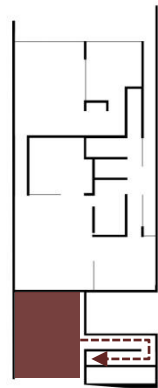
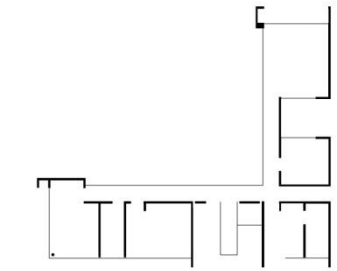
ground floor



2nd floor



1st floor



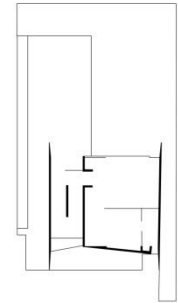
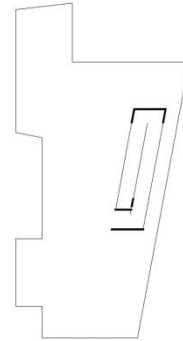
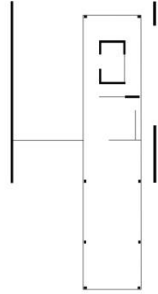
ground floor

2nd unit

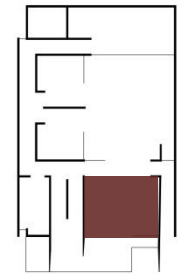
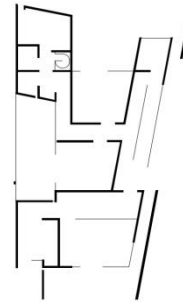
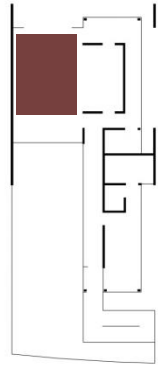
8th unit

11th unit

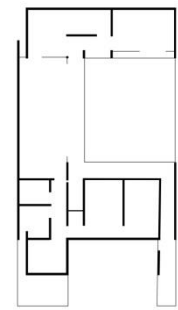
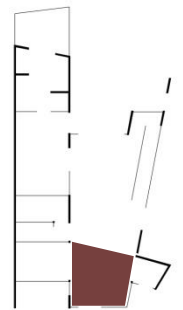
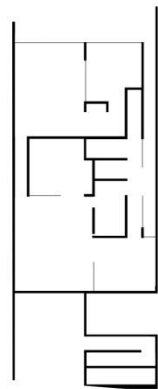
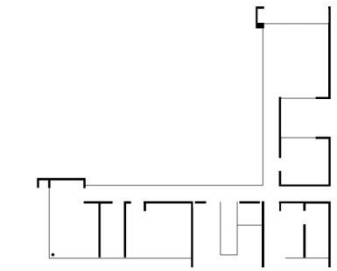
14th unit



2nd floor



1st floor



ground floor

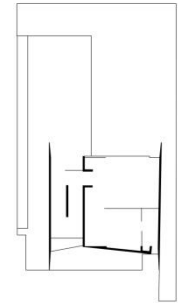
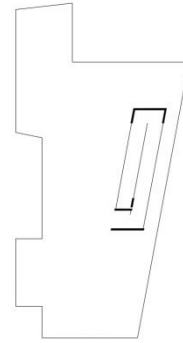
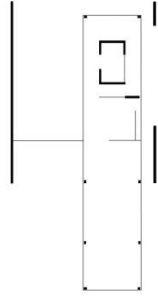
2nd unit

8th unit

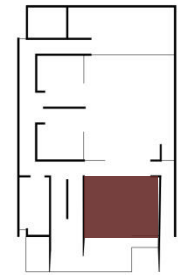
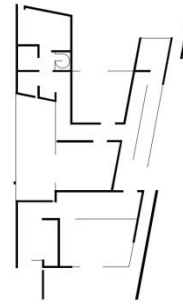
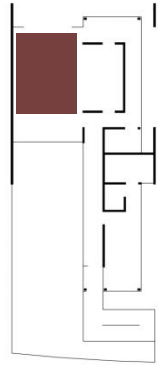
11th unit

14th unit

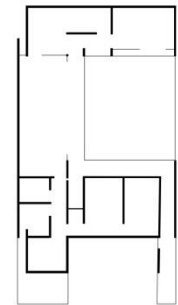
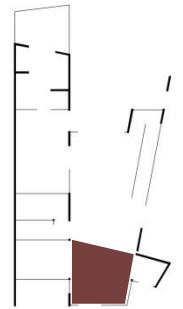
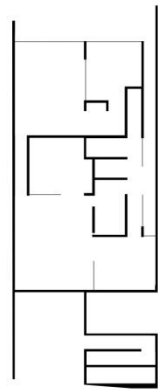
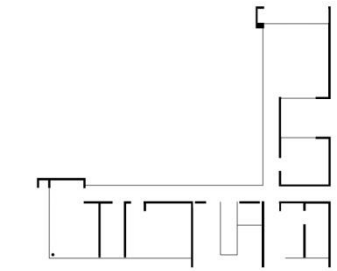
Ruang keluarga- ruang makan



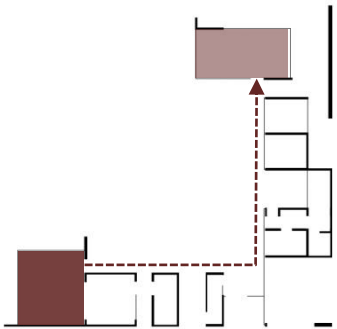
2nd floor



1st floor



ground floor



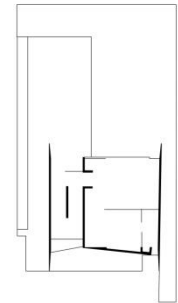
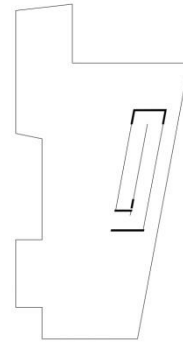
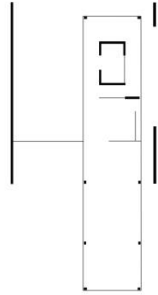
2nd unit

8th unit

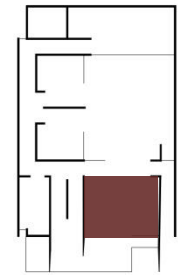
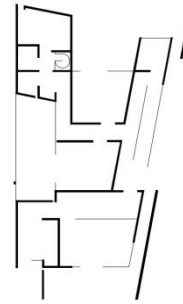
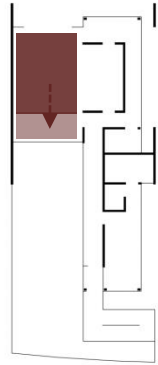
11th unit

14th unit

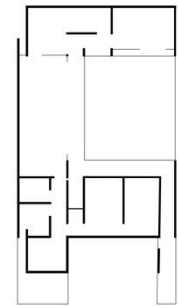
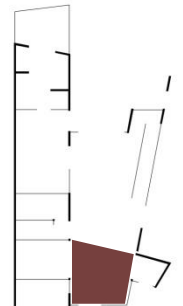
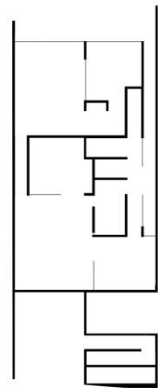
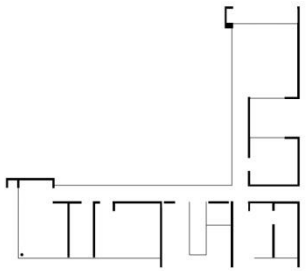
**Ruang keluarga – ruang makan**



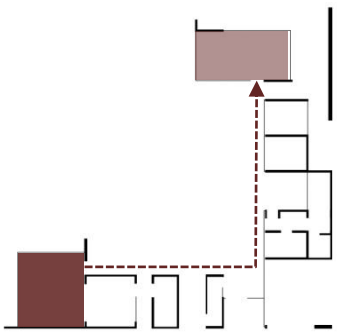
2nd floor



1st floor



ground floor



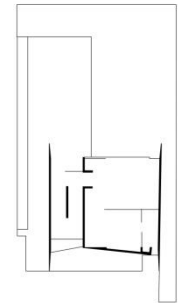
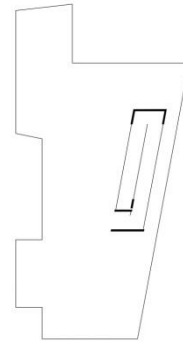
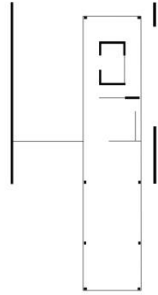
2nd unit

8th unit

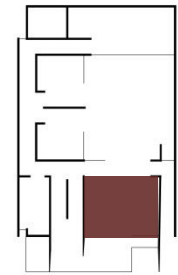
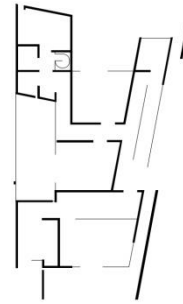
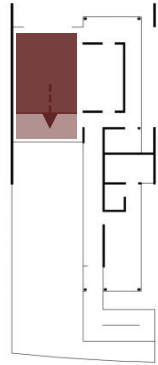
11th unit

14th unit

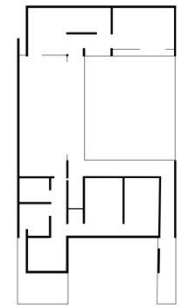
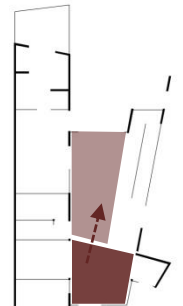
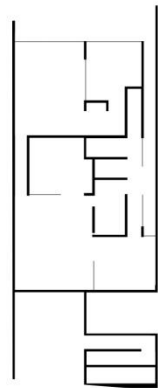




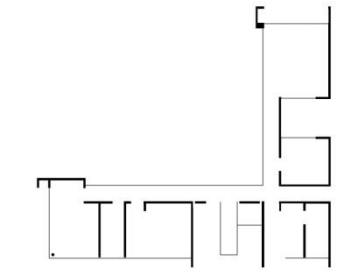
2nd floor



1st floor



ground floor

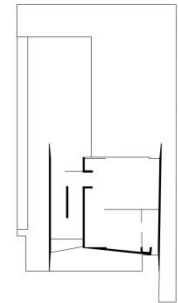
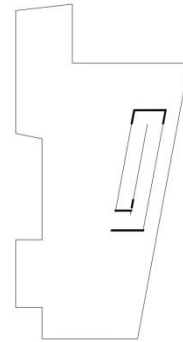
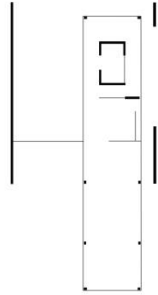


2nd unit

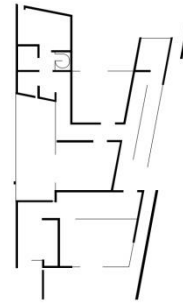
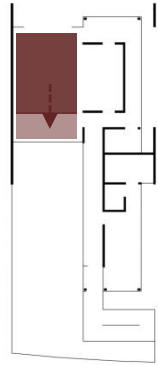
8th unit

11th unit

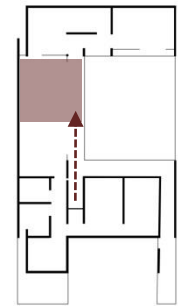
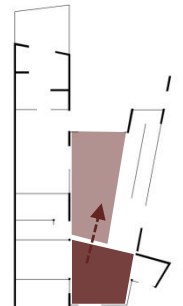
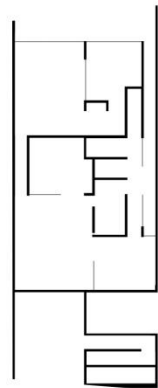
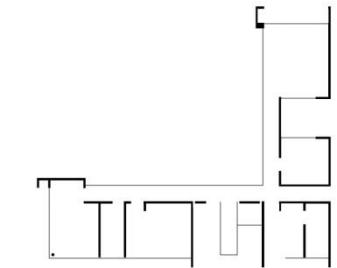
14th unit



2nd floor



1st floor



ground floor

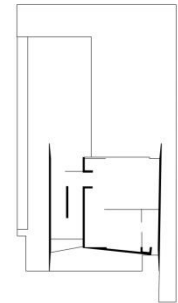
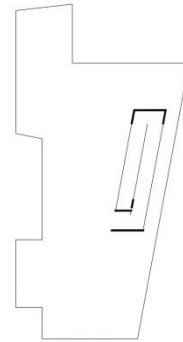
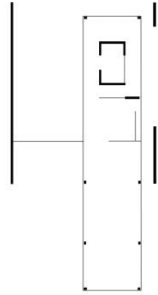
2nd unit

8th unit

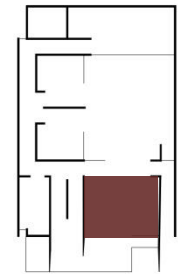
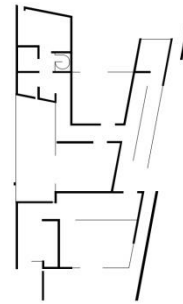
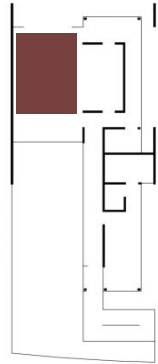
11th unit

14th unit

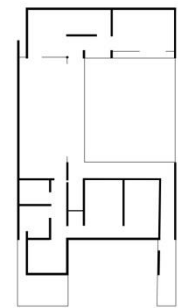
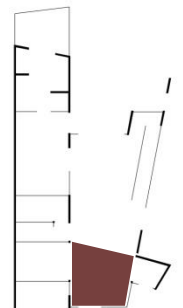
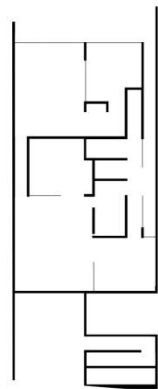
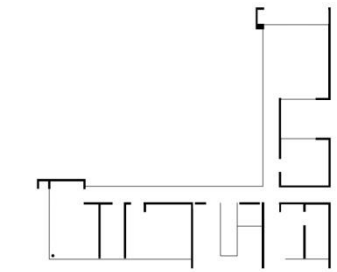
**Ruang keluarga – ruang makan**



2nd floor



1st floor



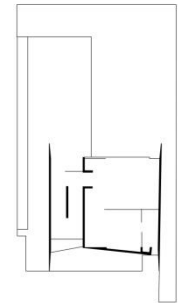
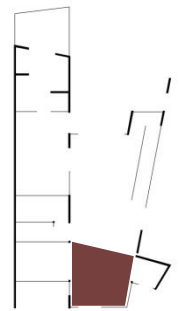
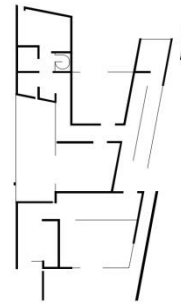
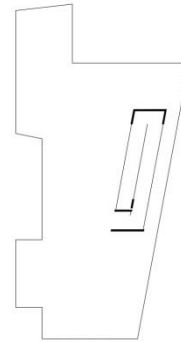
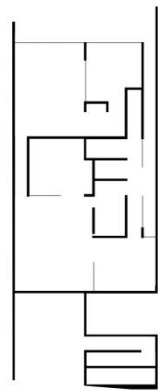
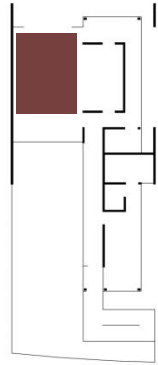
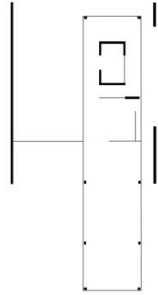
ground floor

2nd unit

8th unit

11th unit

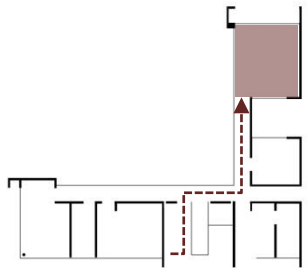
14th unit



2nd floor

1st floor

ground floor

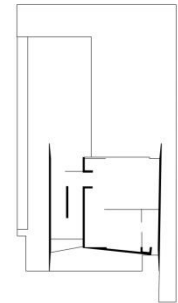
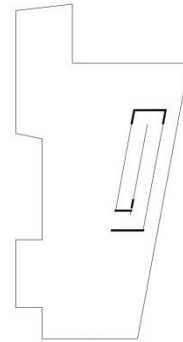
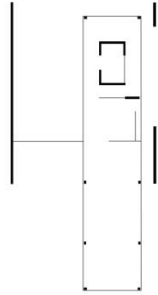


2nd unit

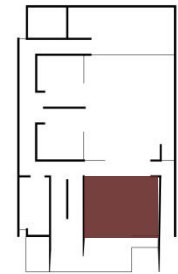
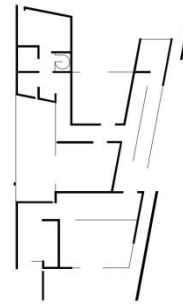
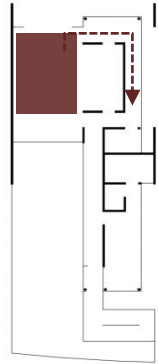
8th unit

11th unit

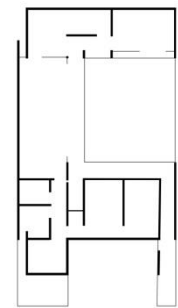
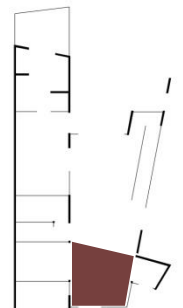
14th unit



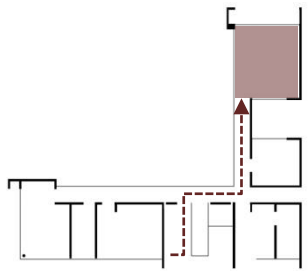
2nd floor



1st floor



ground floor

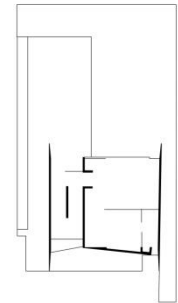
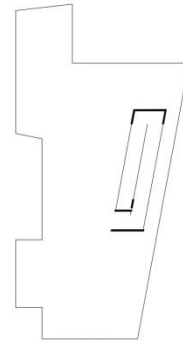
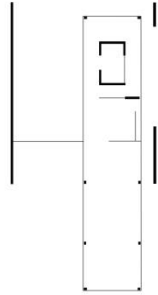


2nd unit

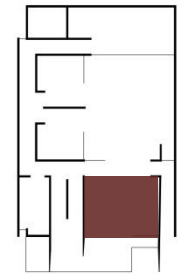
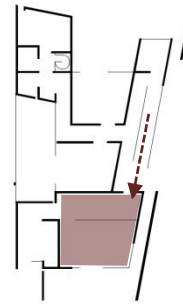
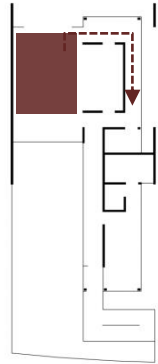
8th unit

11th unit

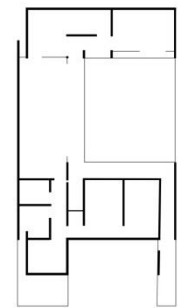
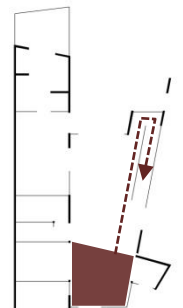
14th unit



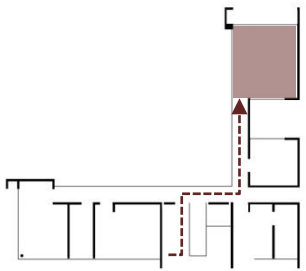
2nd floor



1st floor



ground floor

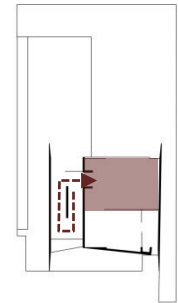
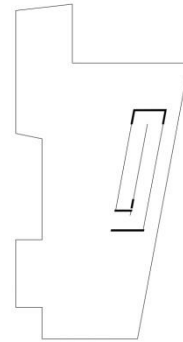
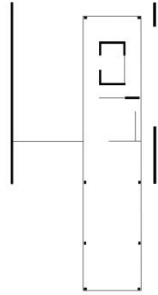


2nd unit

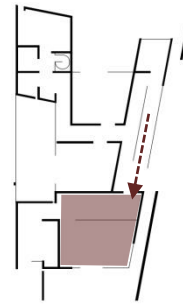
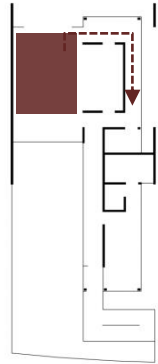
8th unit

11th unit

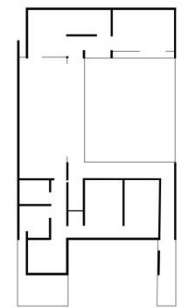
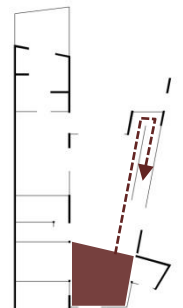
14th unit



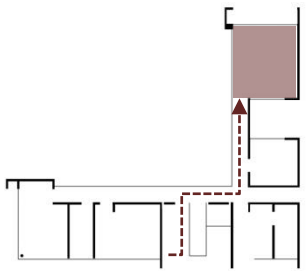
2nd floor



1st floor



ground floor



2nd unit

8th unit

11th unit

14th unit



photo courtesy of davy lingar





photo courtesy of davy lingar



photo courtesy of davy lingar



photo courtesy of davy lingar



photo courtesy of davy lingar



photo courtesy of davy lingar



photo courtesy of davy linggar



photo courtesy of davy linggar



photo courtesy of davy lingar





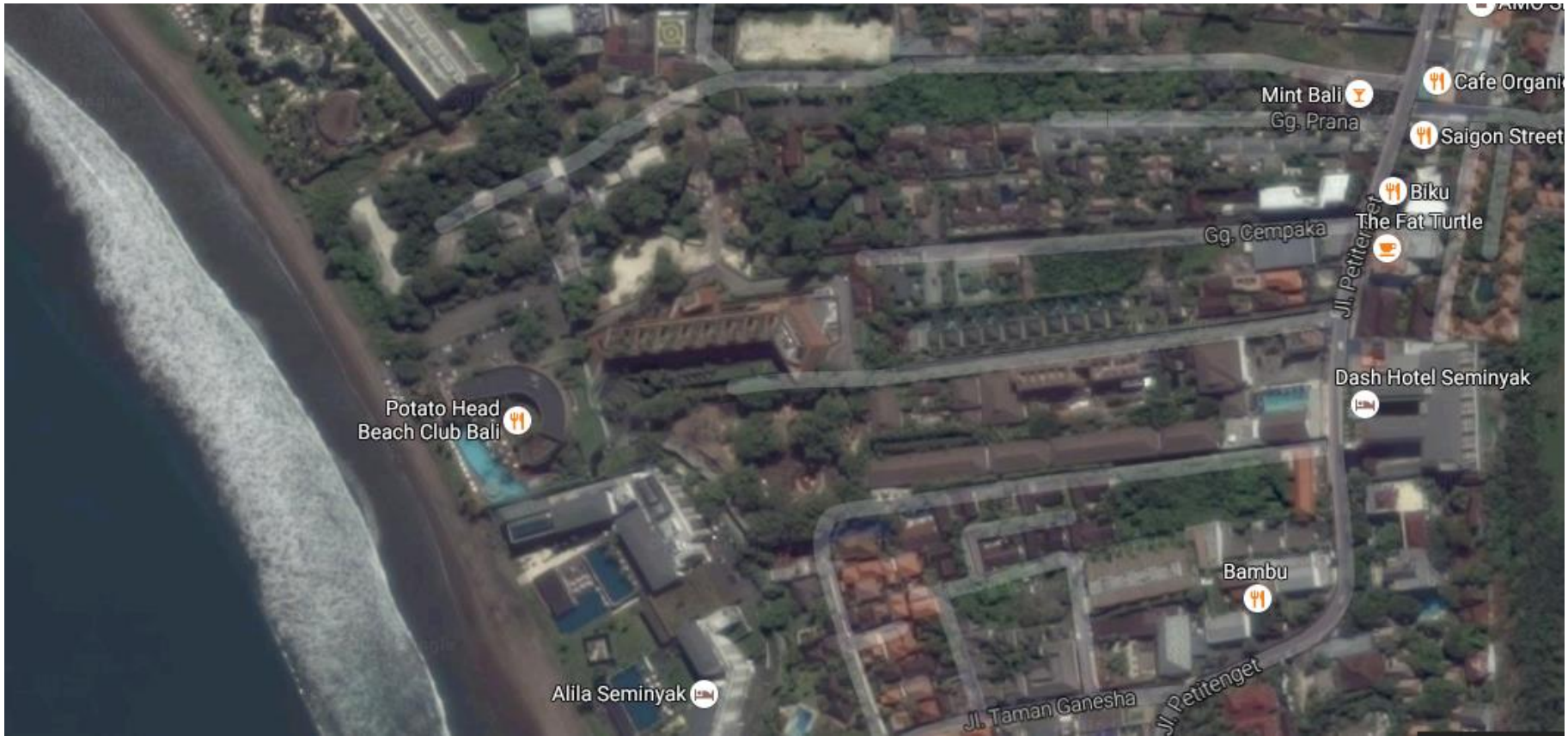
photo courtesy of davy linggar

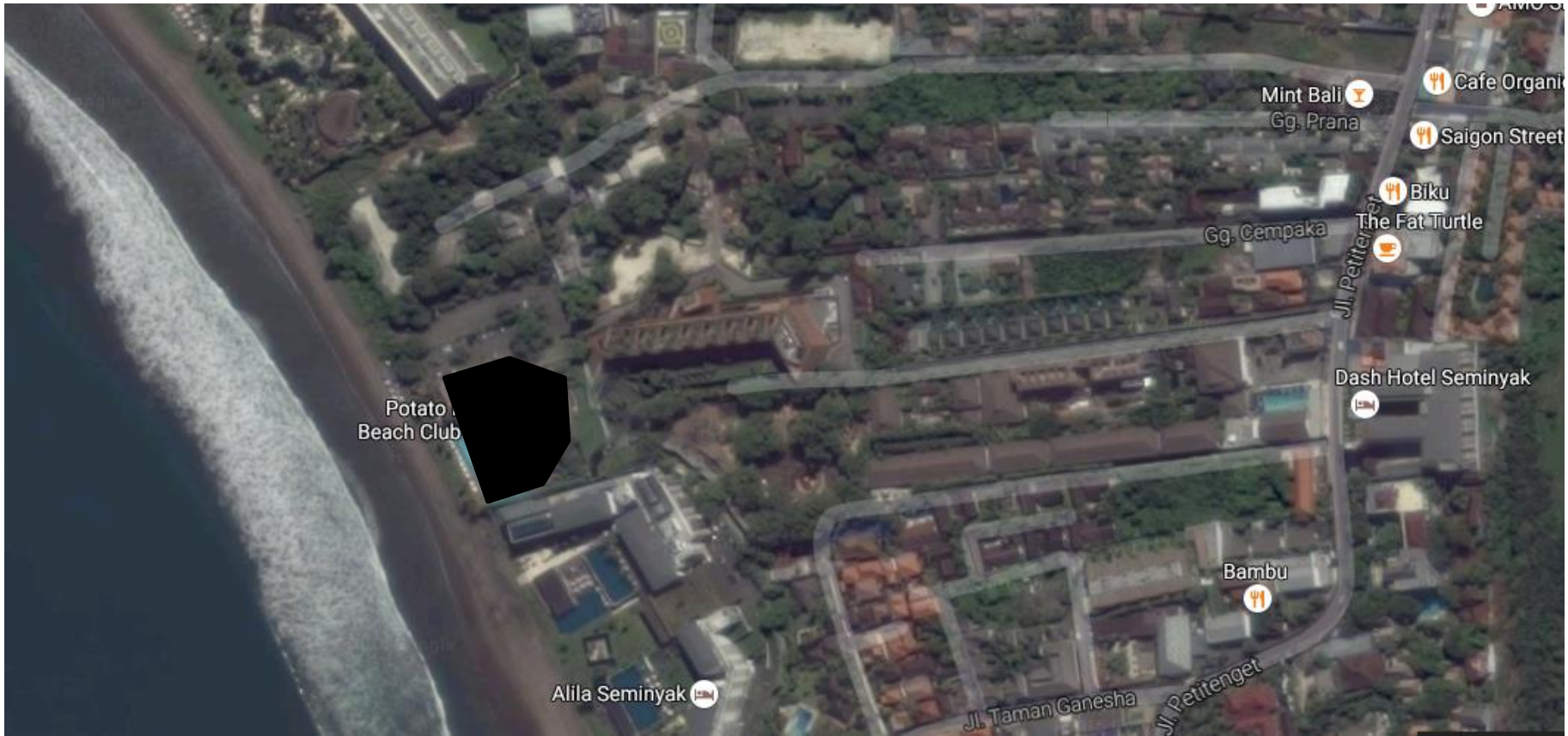


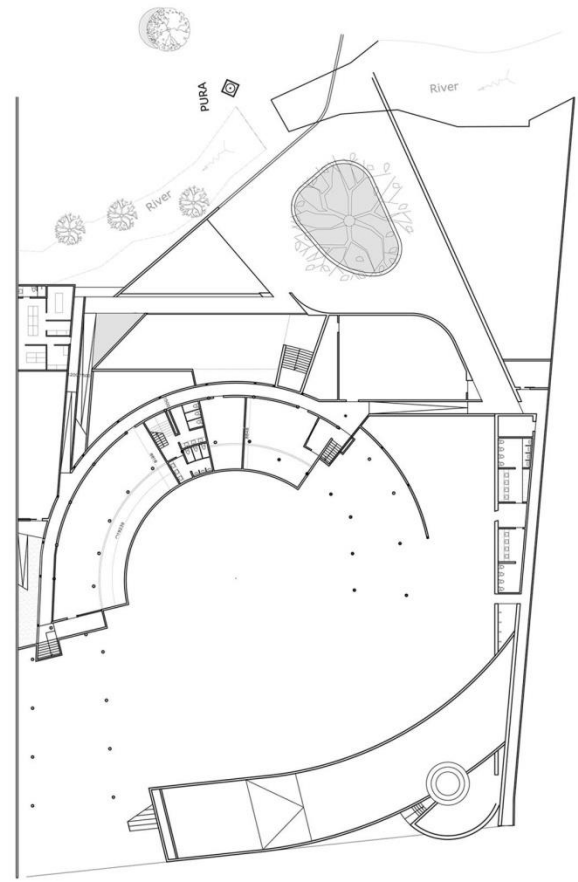
photo courtesy of davy linggar

b e a c h  
c l u b

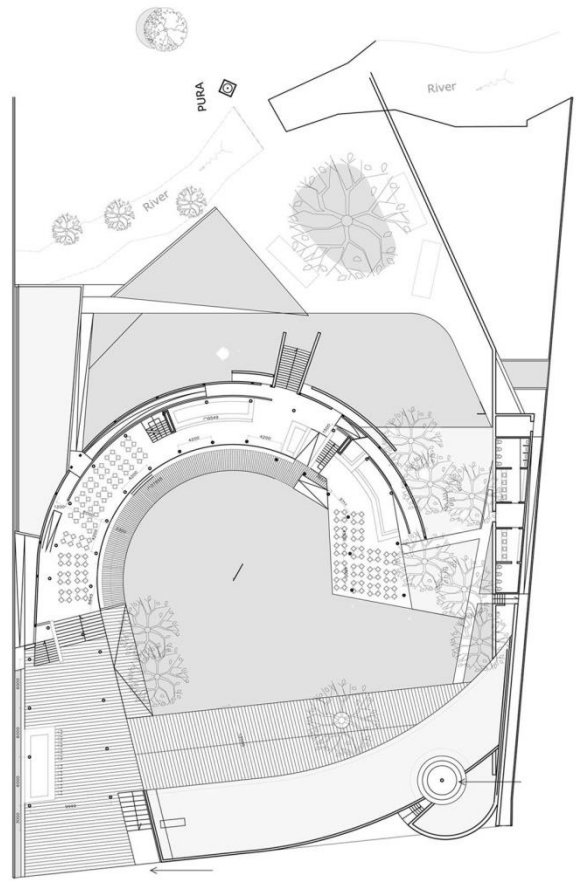
p o t a t o  
h e a d  
b e a c h  
c l u b





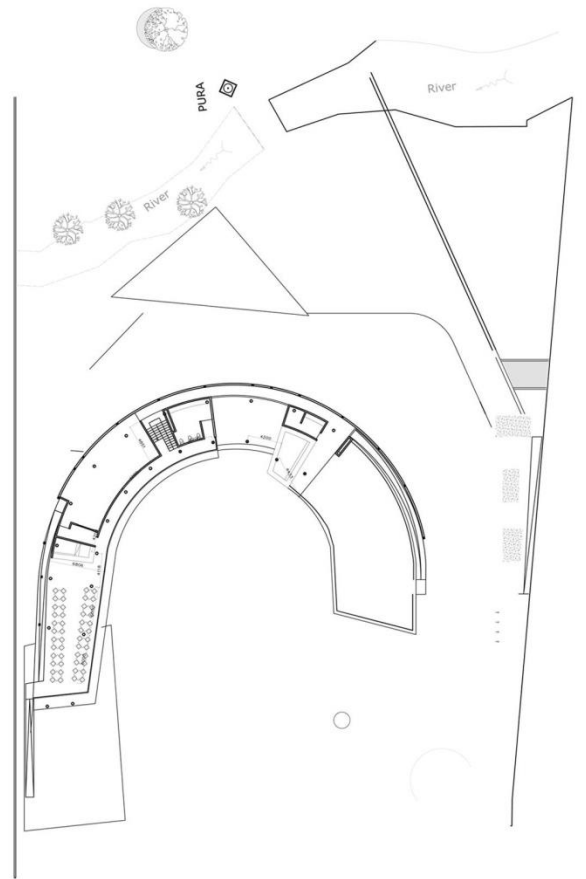


basement



ground floor





first floor



photo courtesy of iwan baan

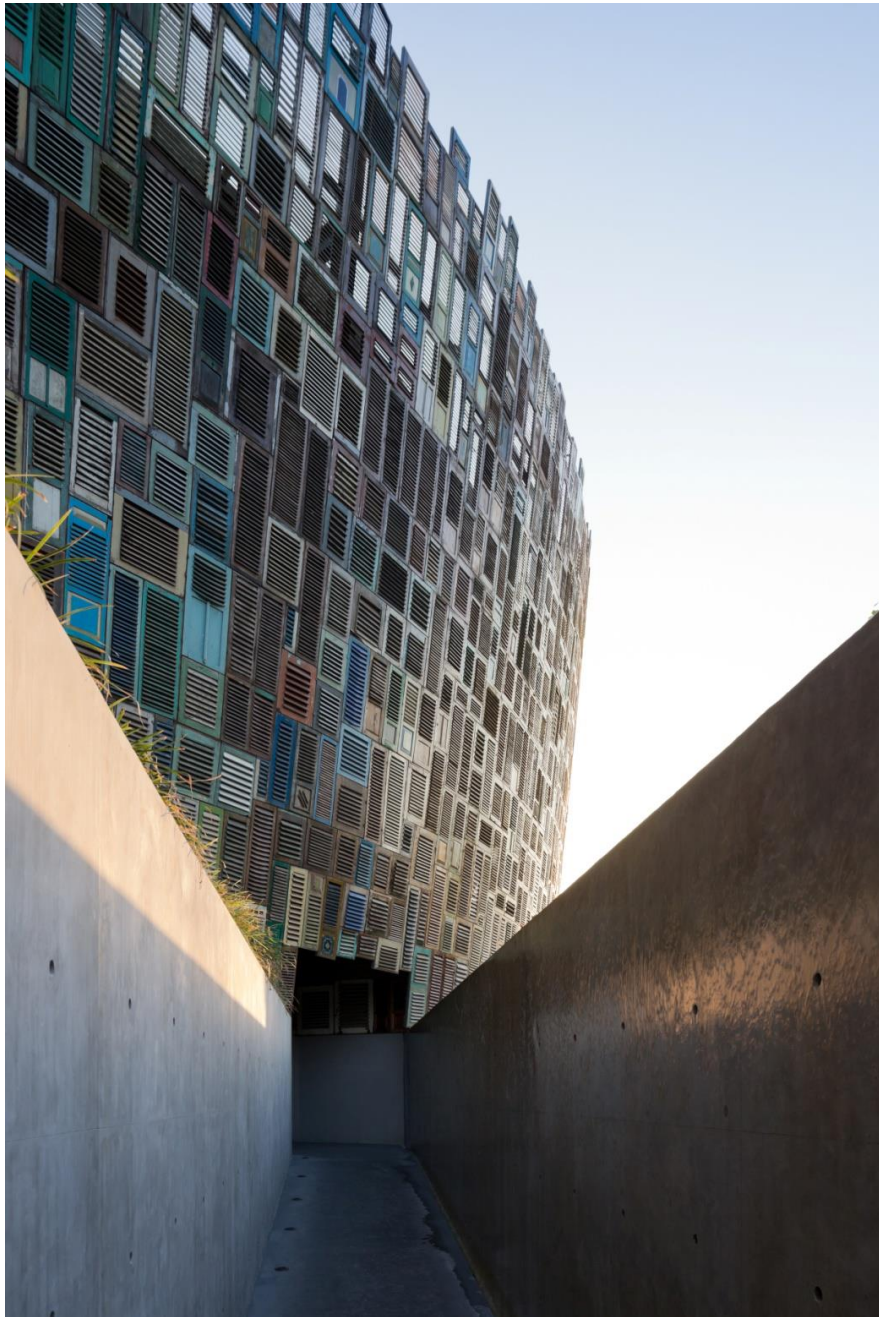


photo courtesy of iwan baan











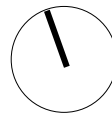
photo courtesy of davy lingar

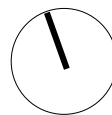
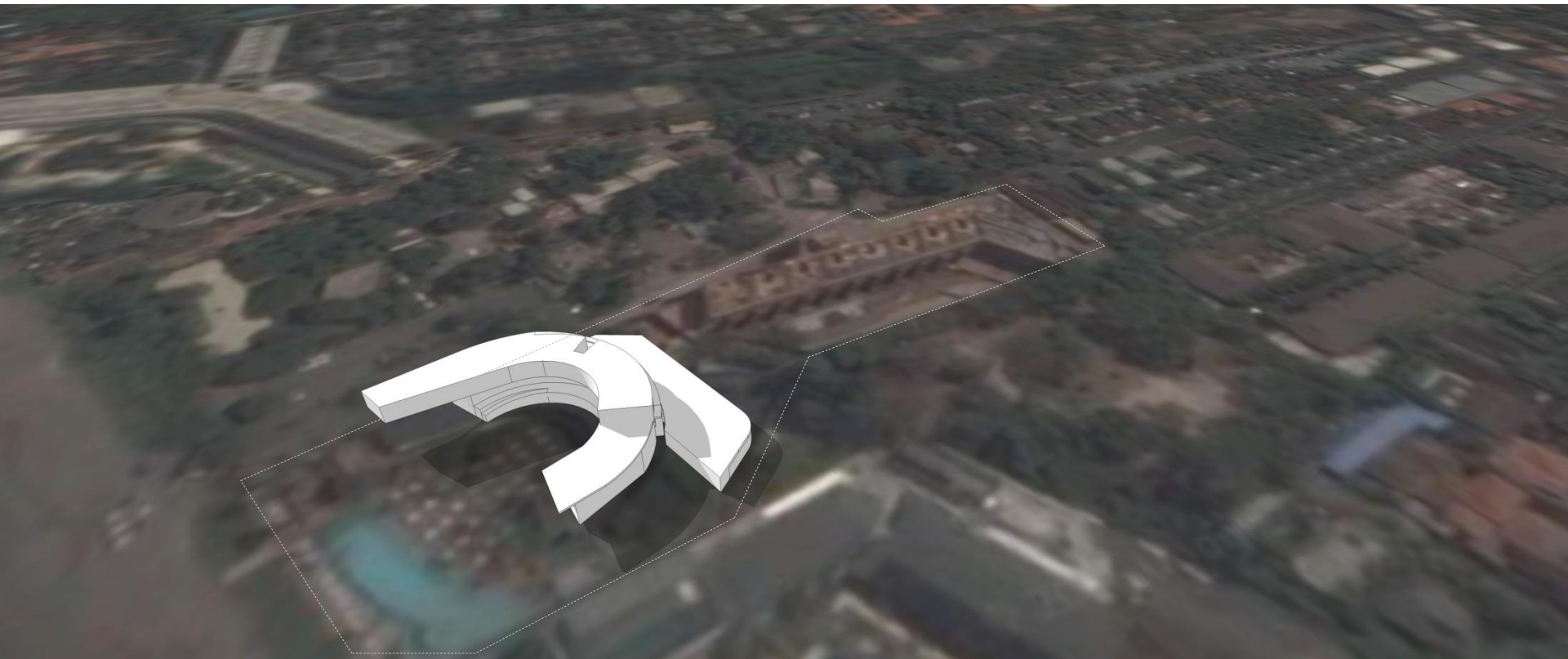


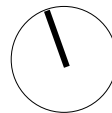
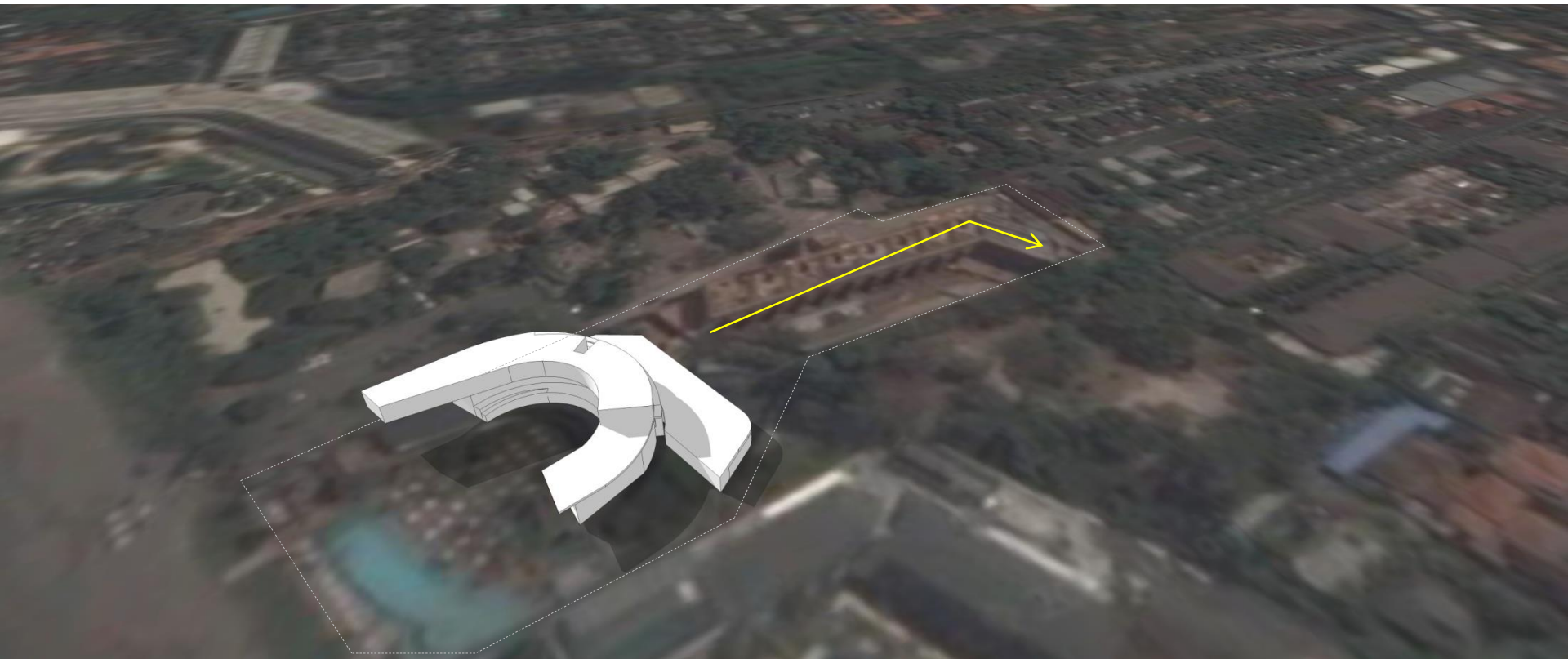
h o t e l

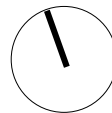
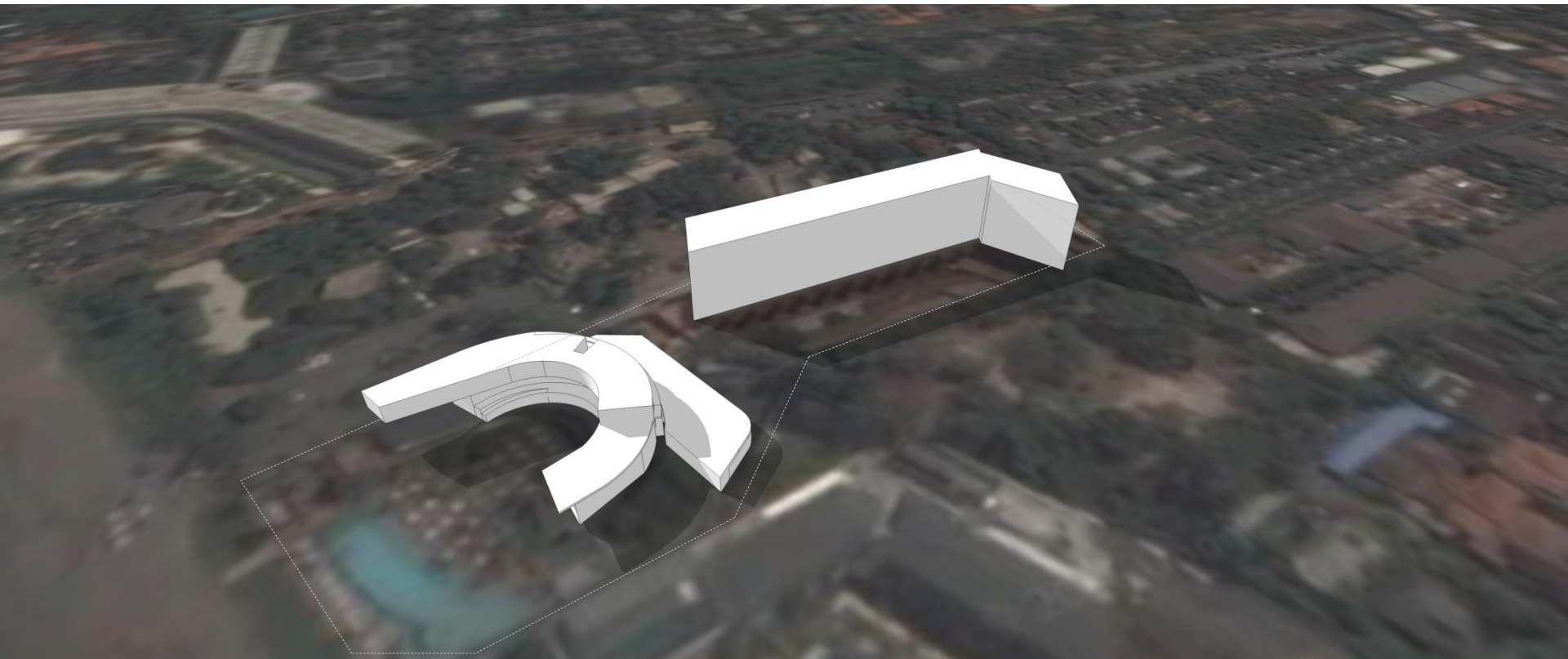
t h e  
k a t a m a m a

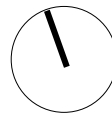
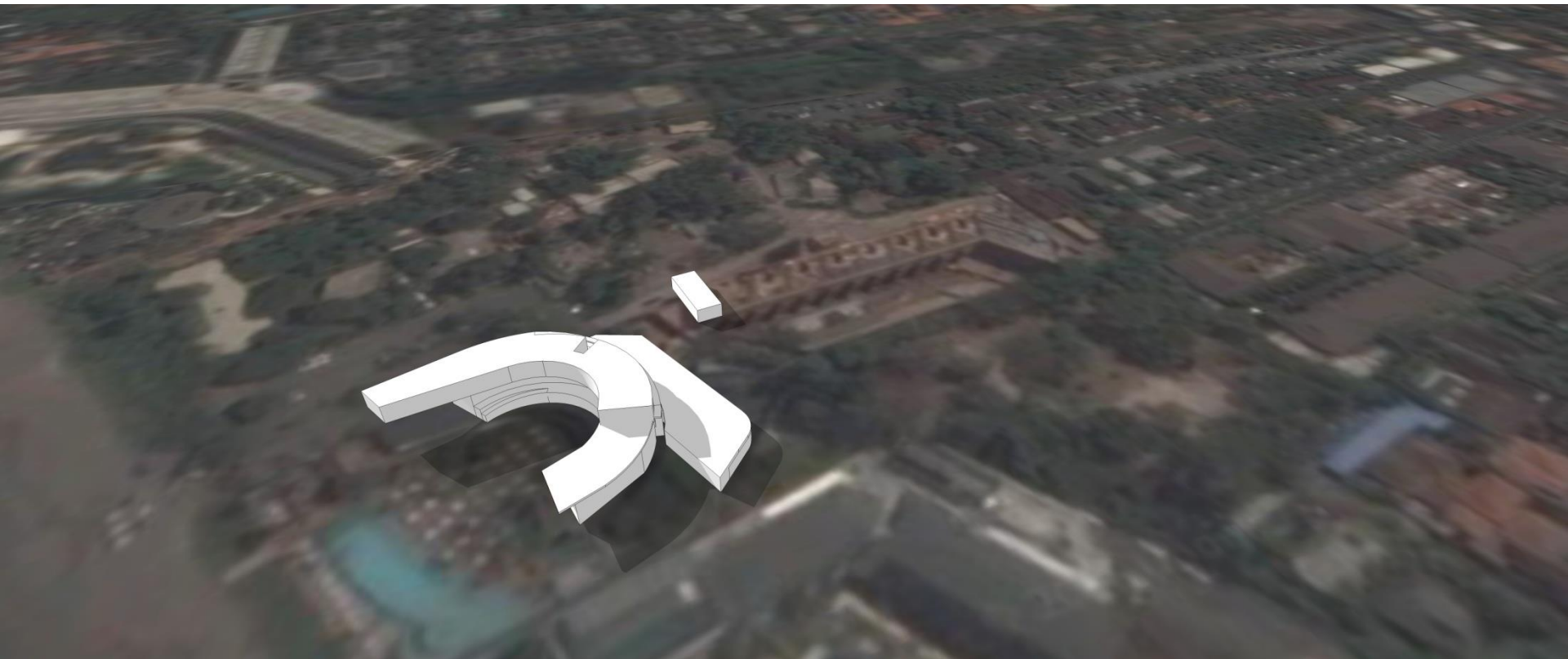




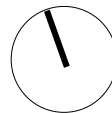
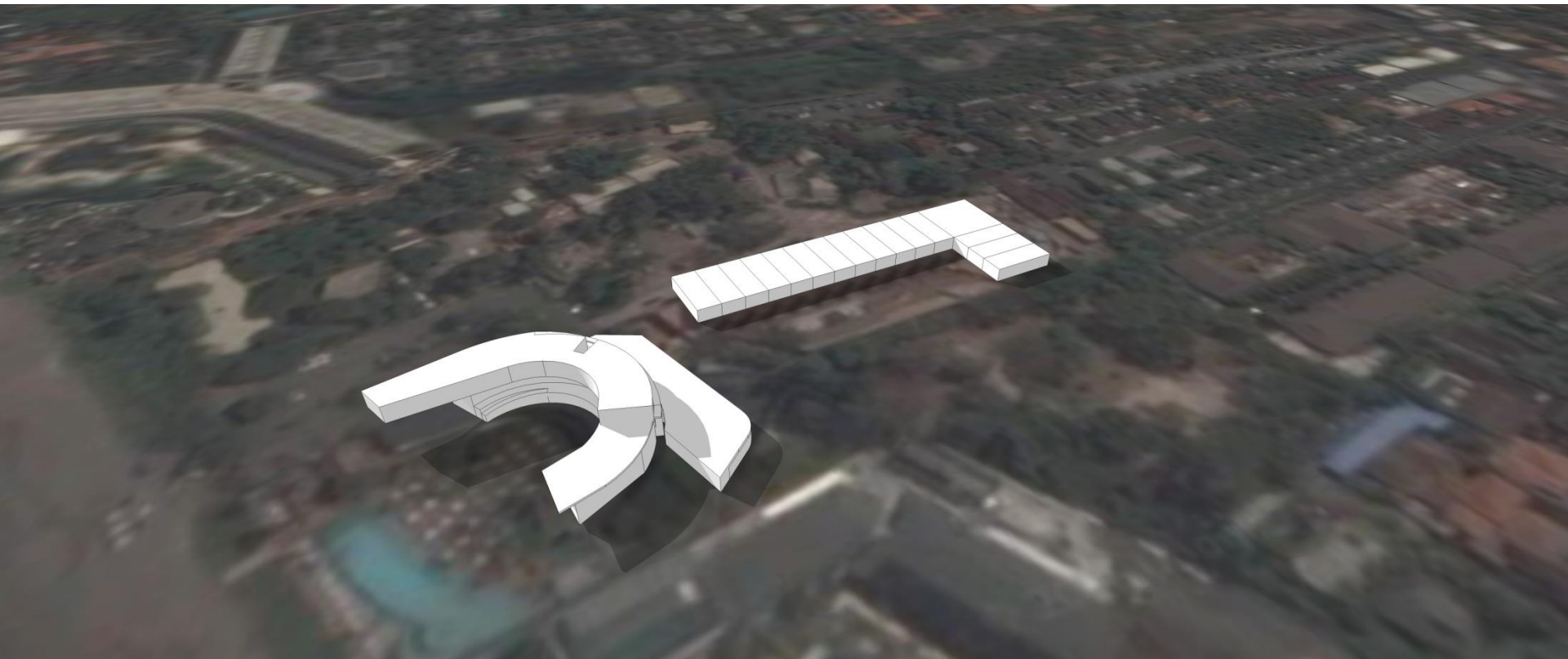


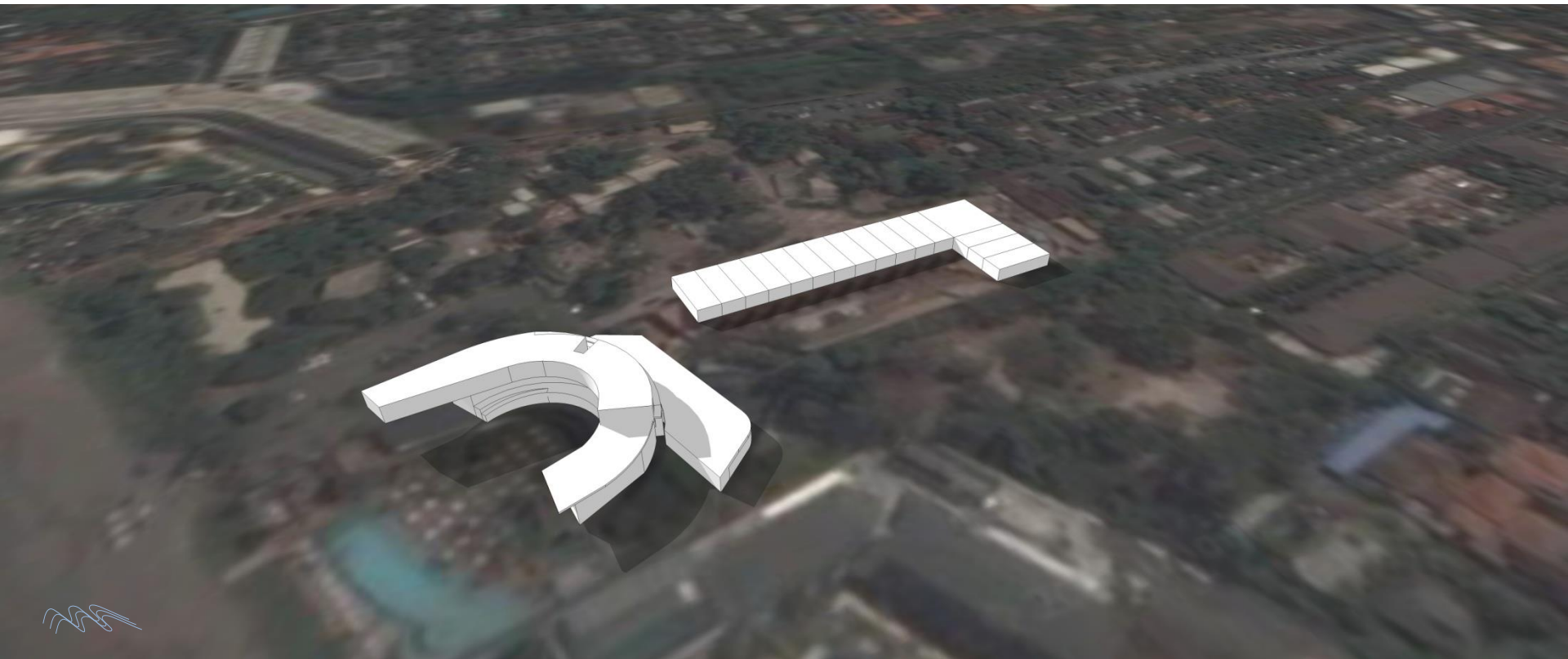






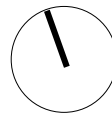
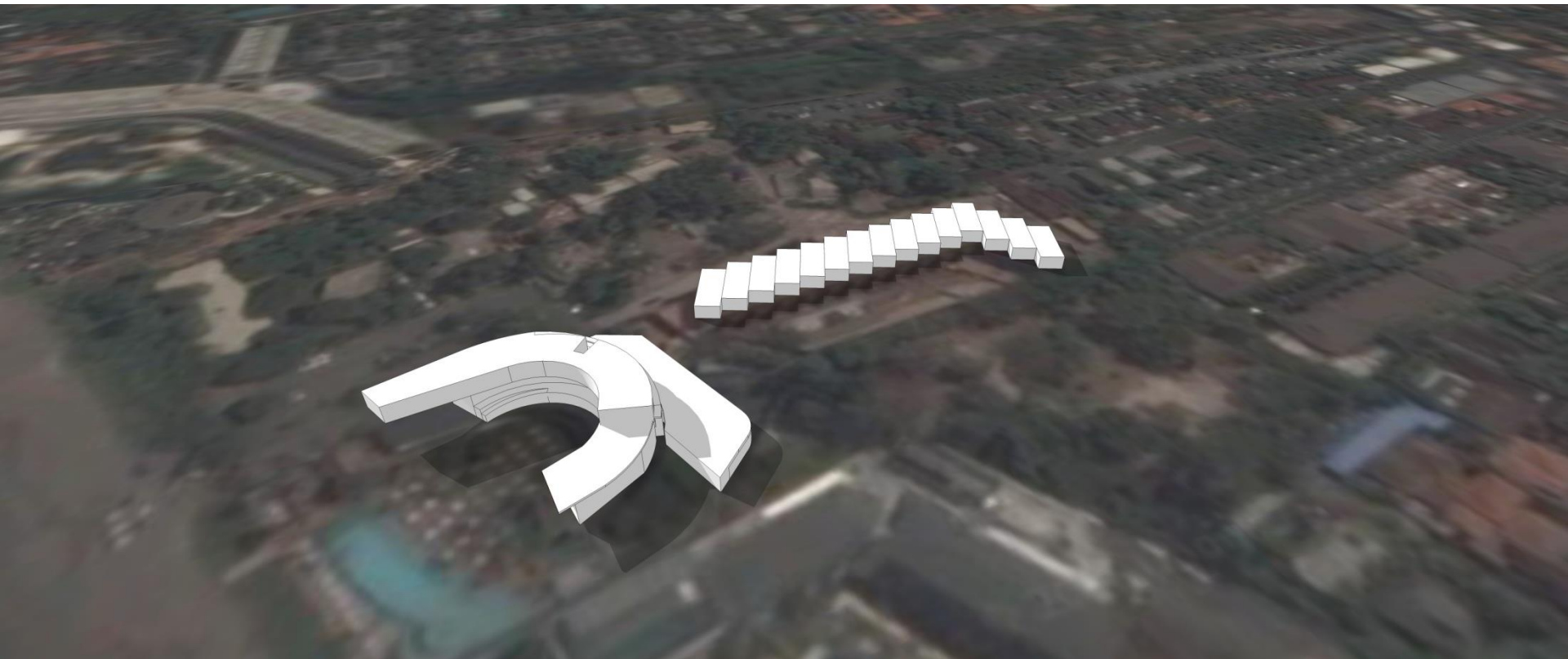


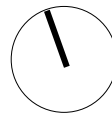
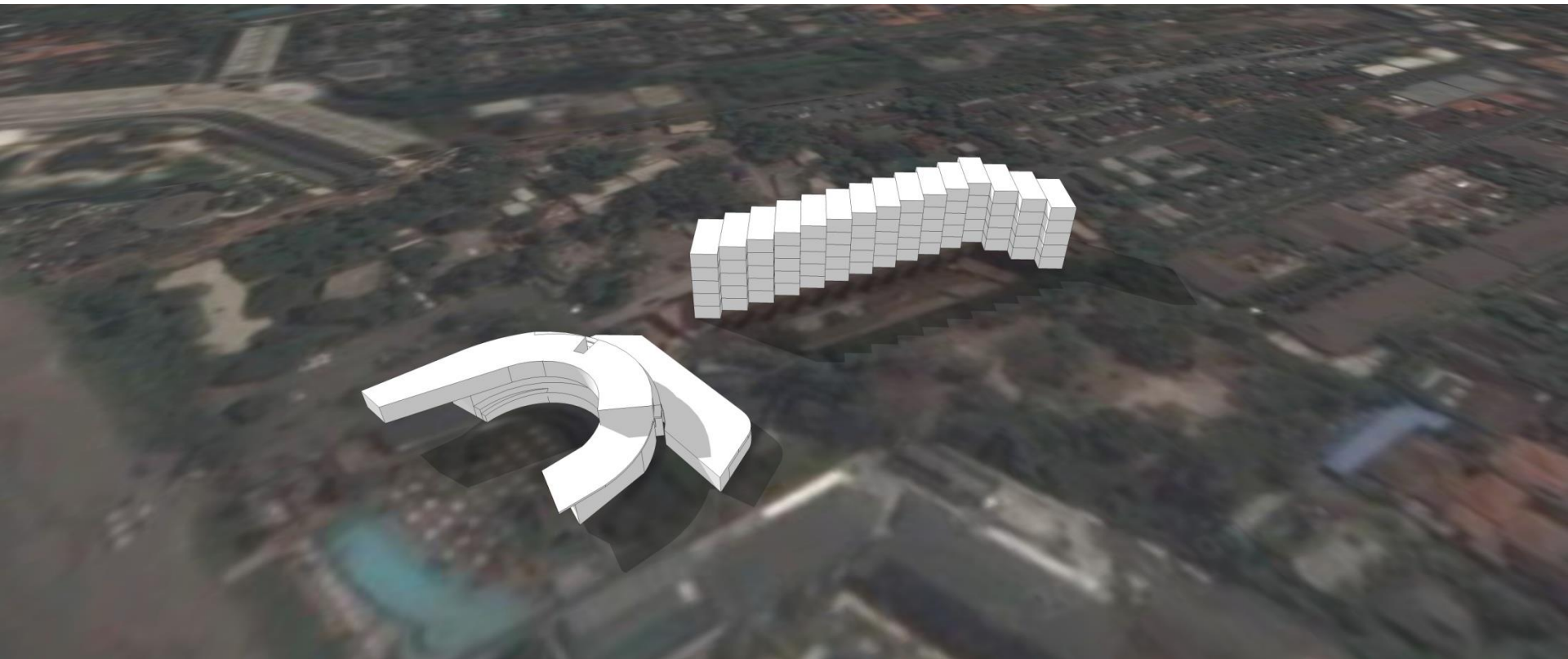


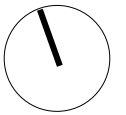
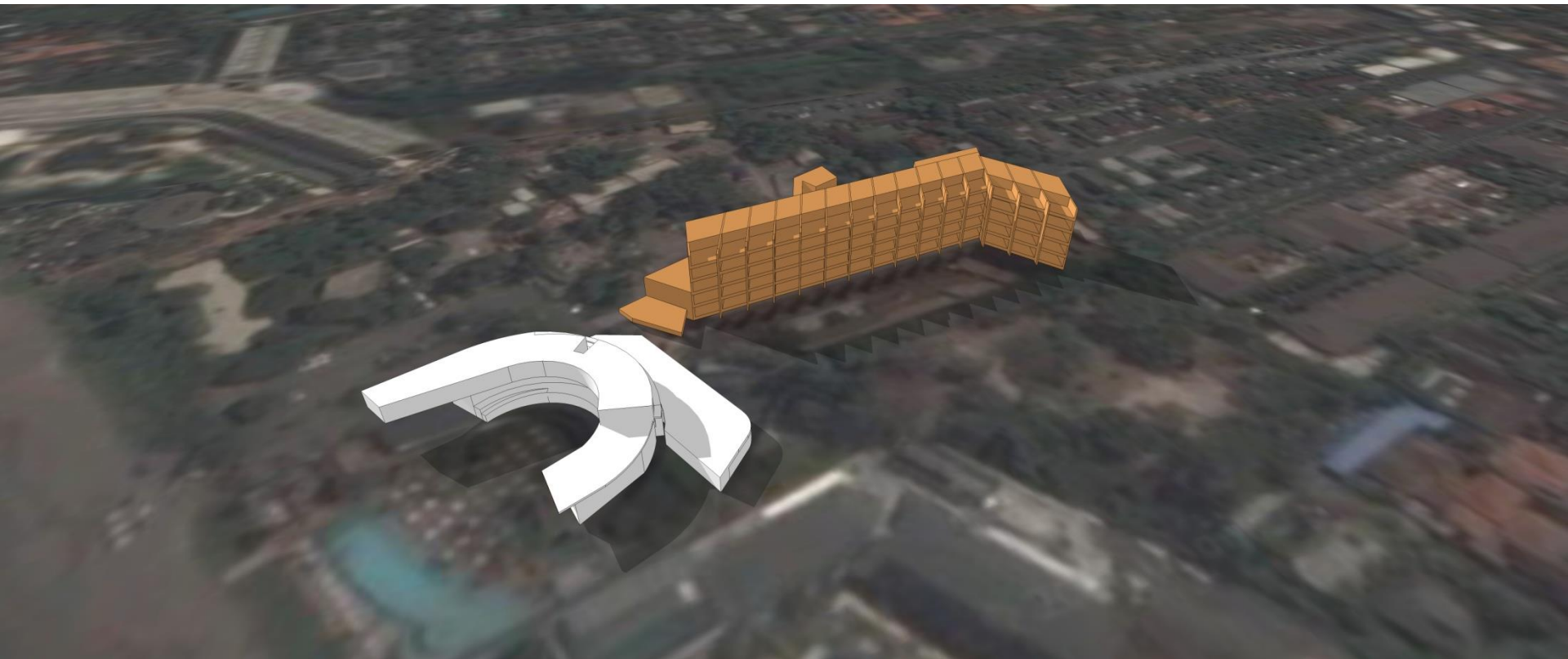


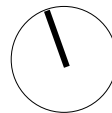
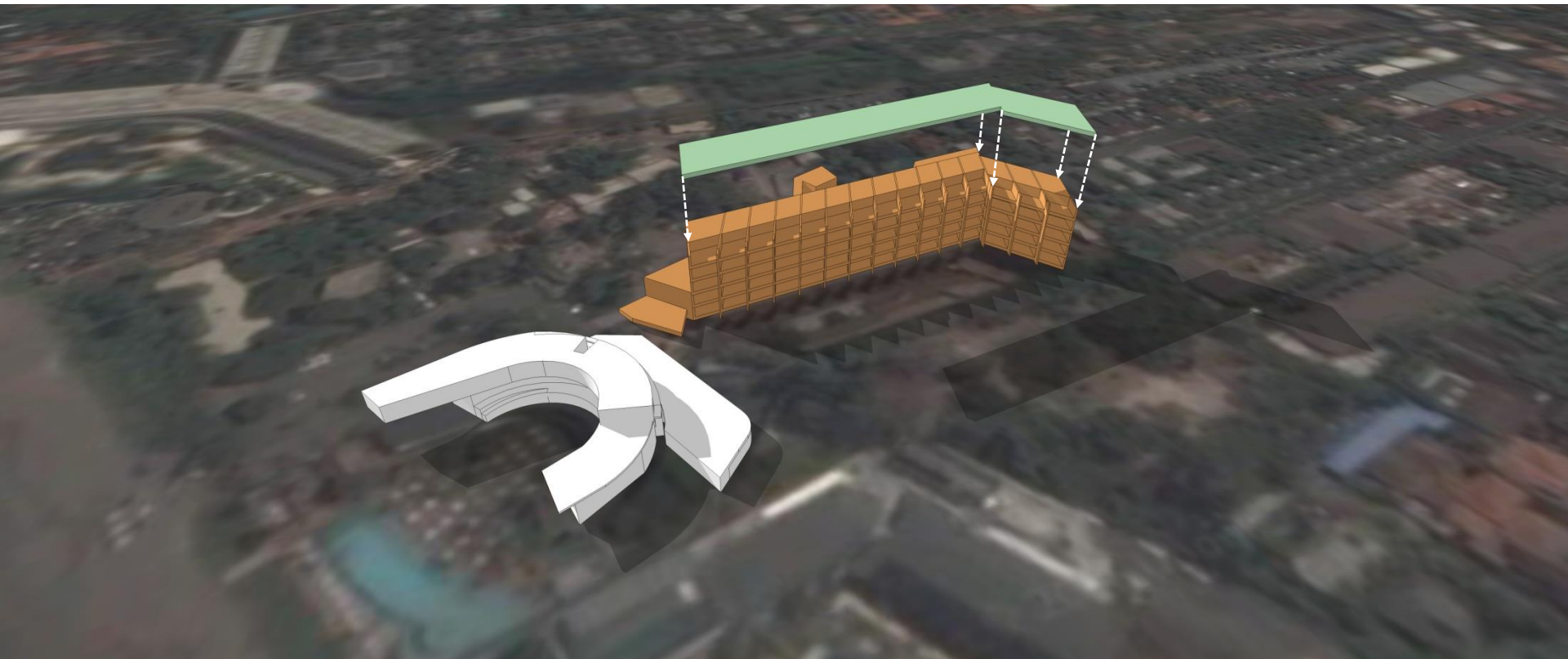
Handwritten signature or initials in blue ink.

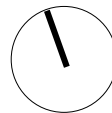
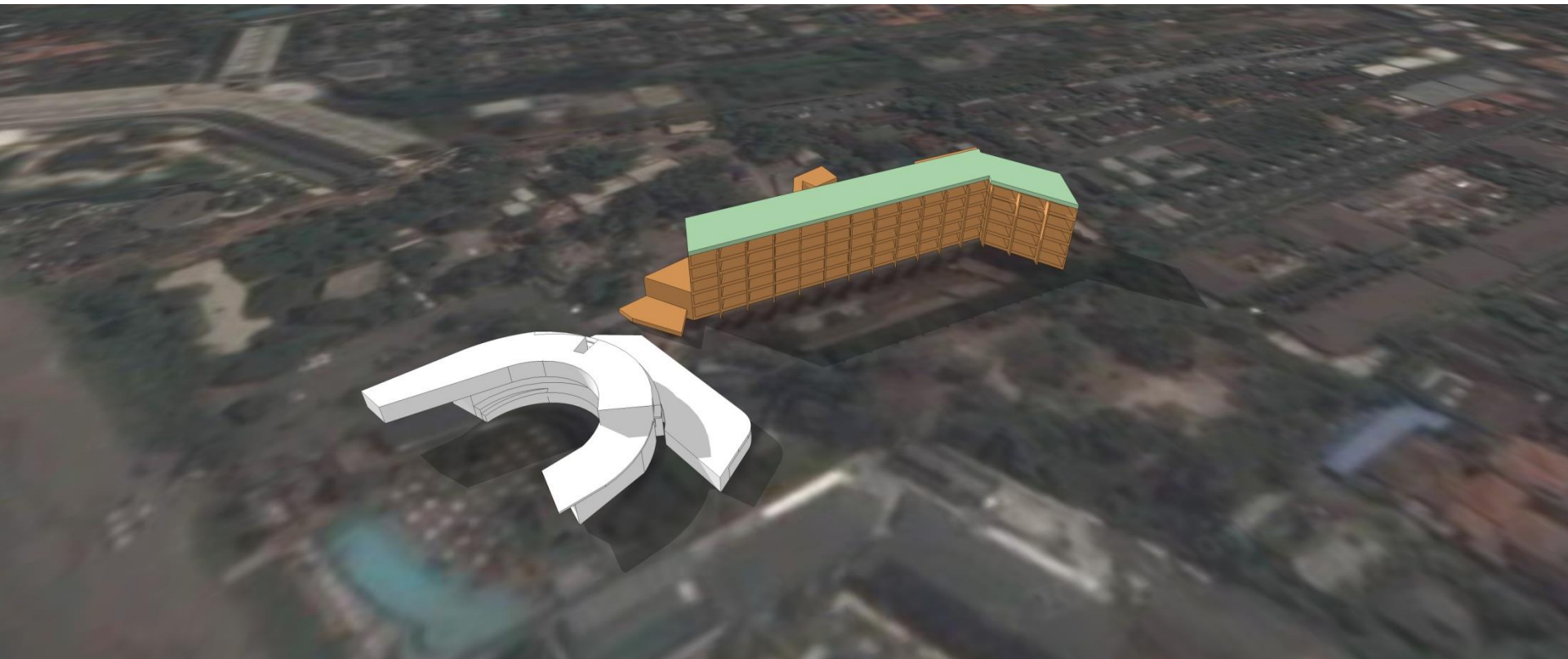


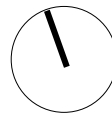
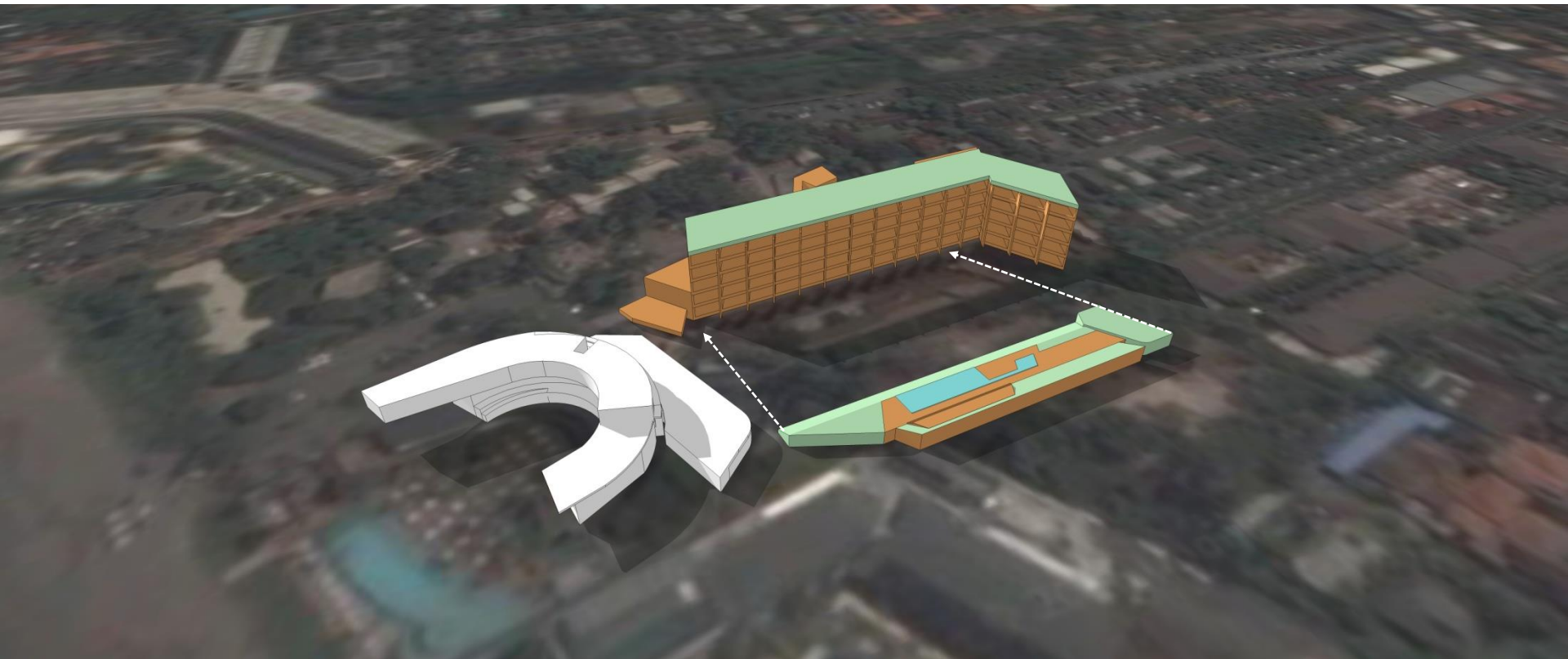




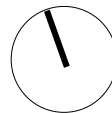
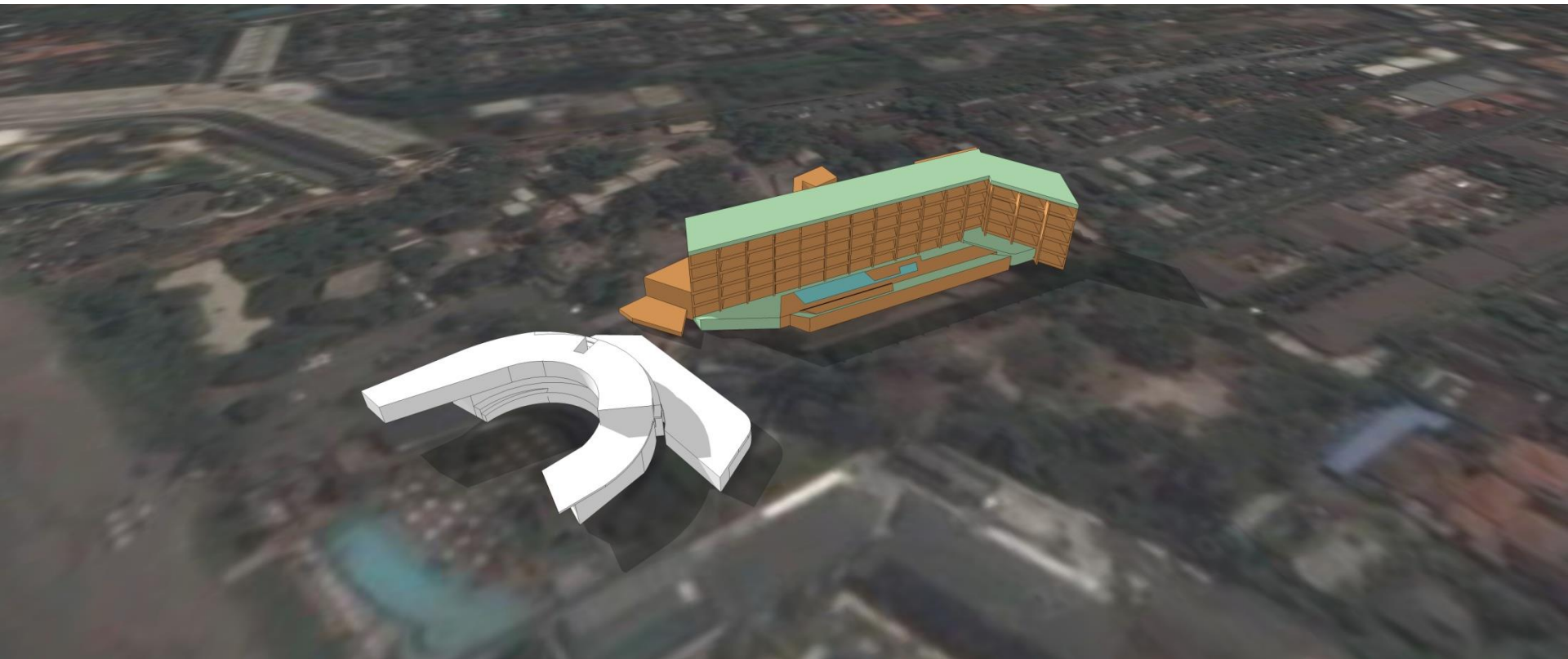


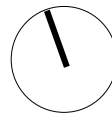
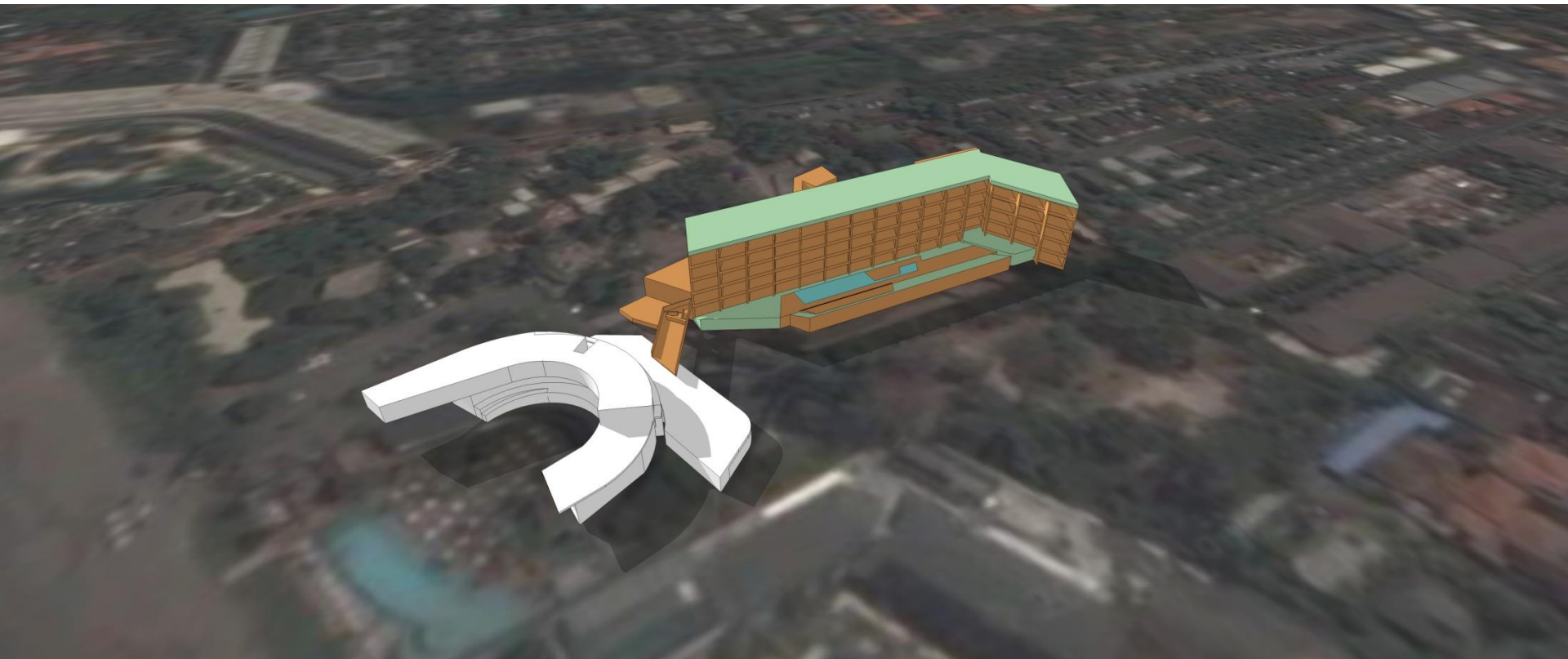






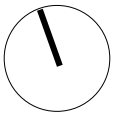
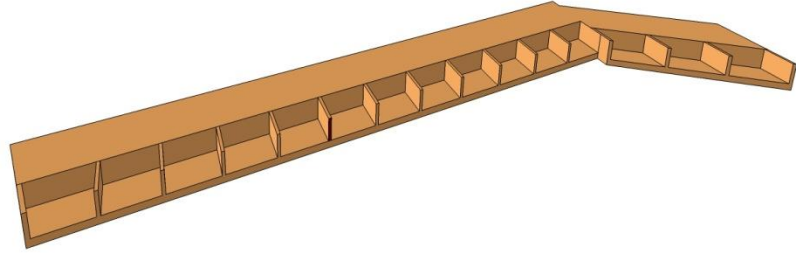




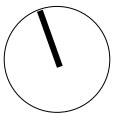
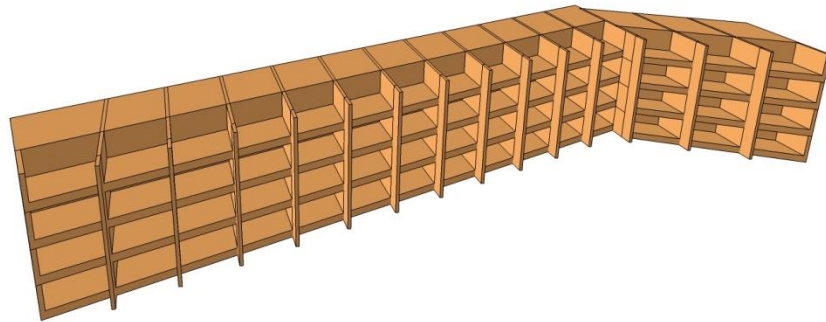






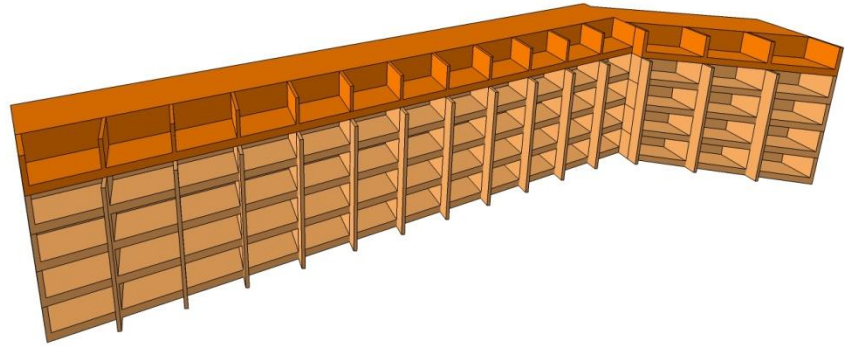
 suites room






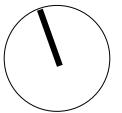
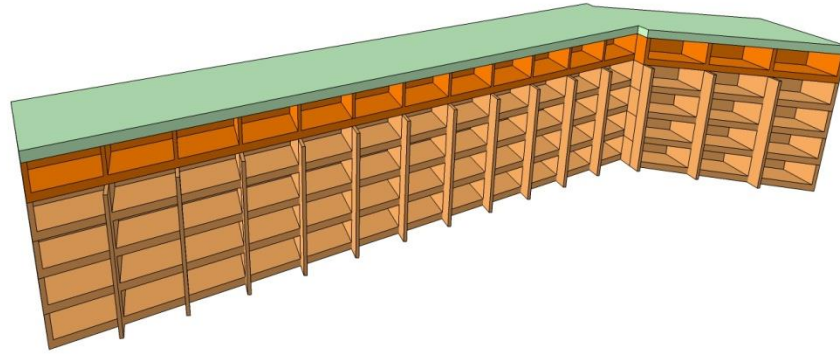
 suites room



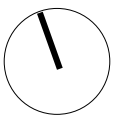
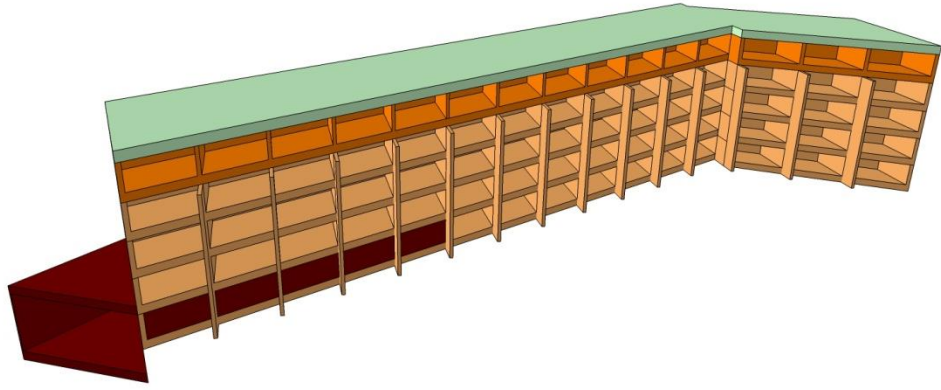
-  suites room
-  penthouse



-  suites room
-  penthouse
-  roof garden

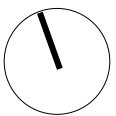
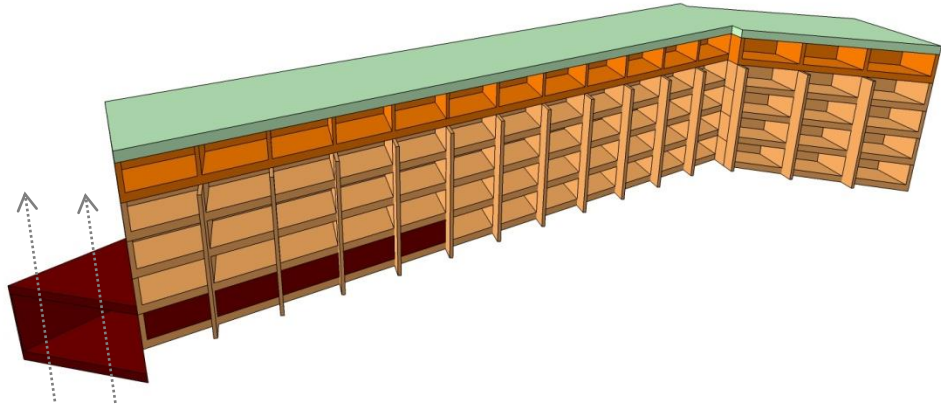


-  suites room
-  penthouse
-  roof garden
-  Lobby, restaurant

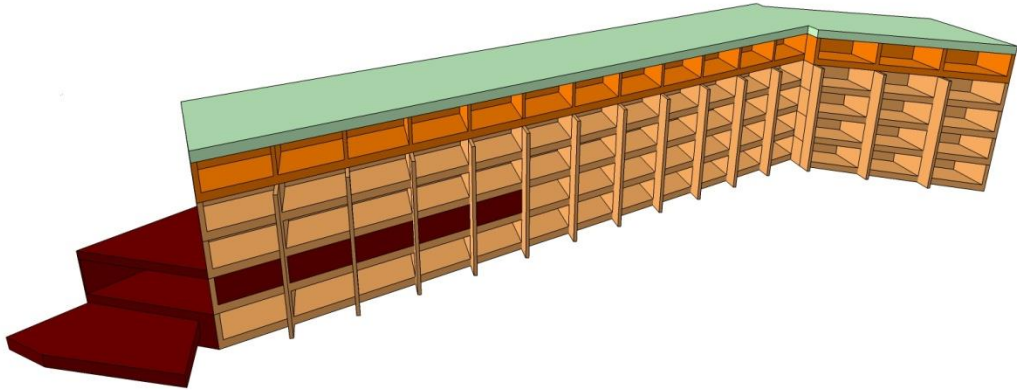




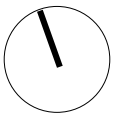
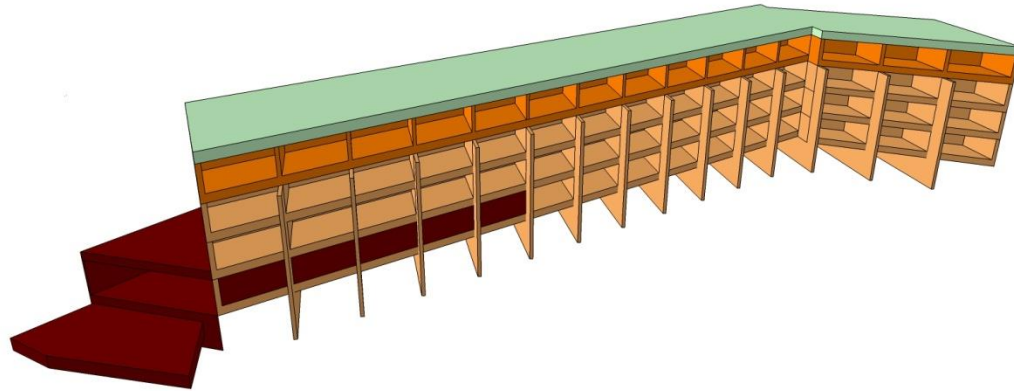
-  suites room
-  penthouse
-  roof garden
-  Lobby, restaurant








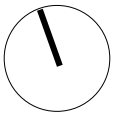
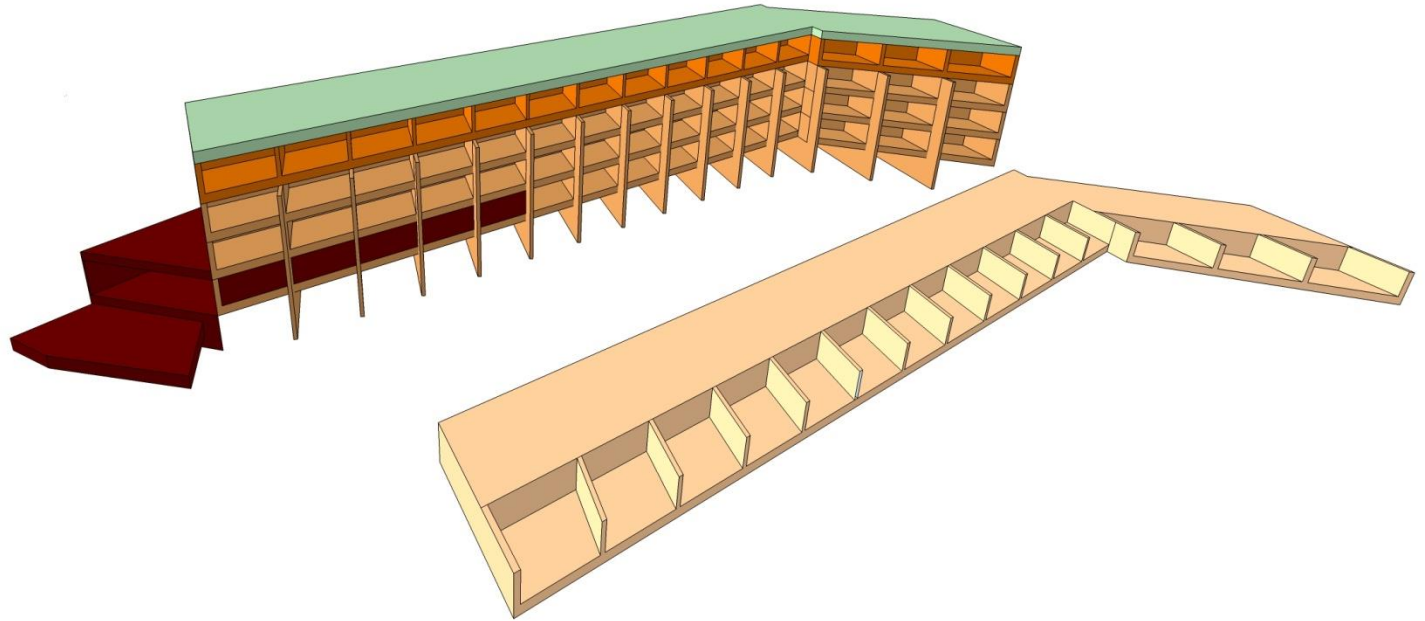
-  suites room
-  penthouse
-  roof garden
-  Lobby, restaurant








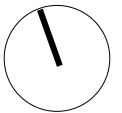
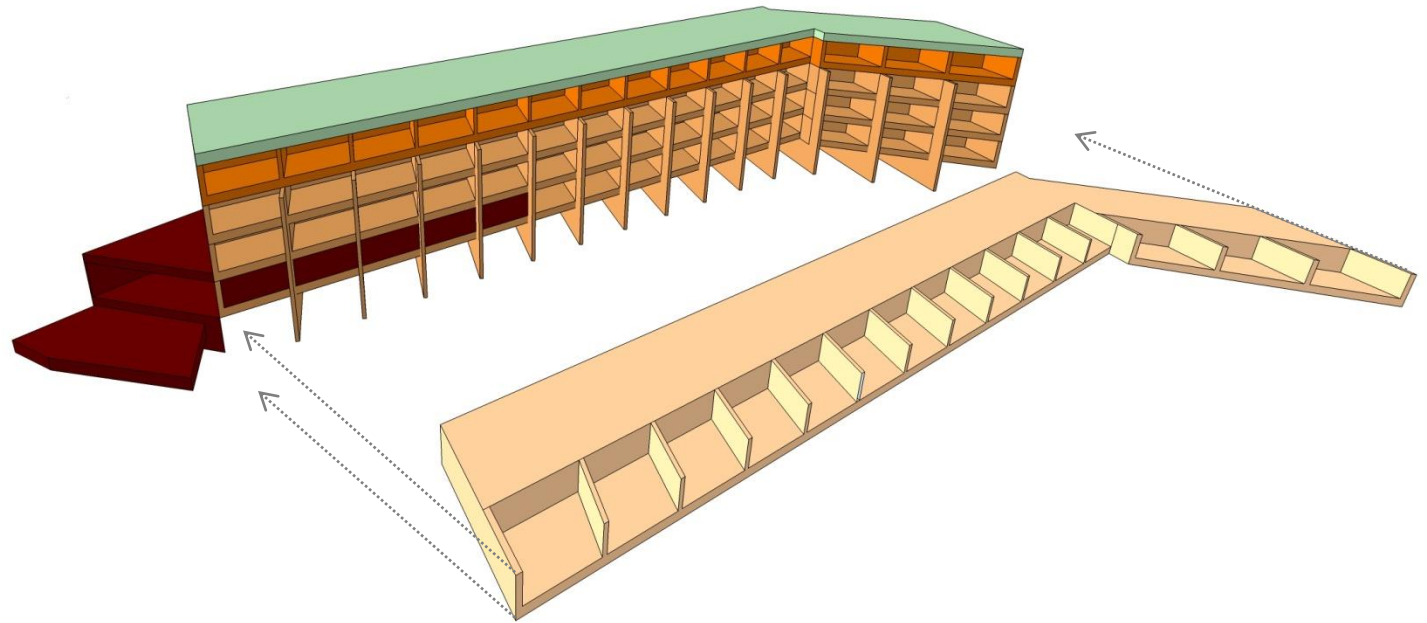
-  suites room
-  penthouse
-  roof garden
-  Lobby, restaurant








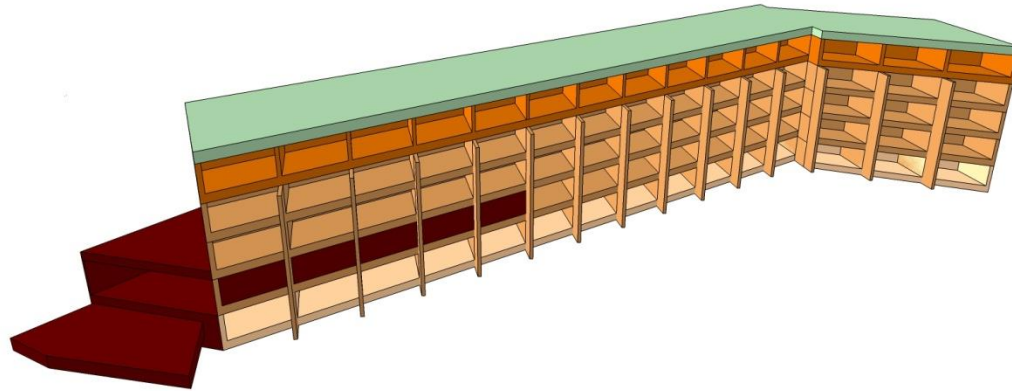
-  suites room
-  penthouse
-  roof garden
-  Lobby, restaurant
-  garden view suite








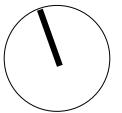
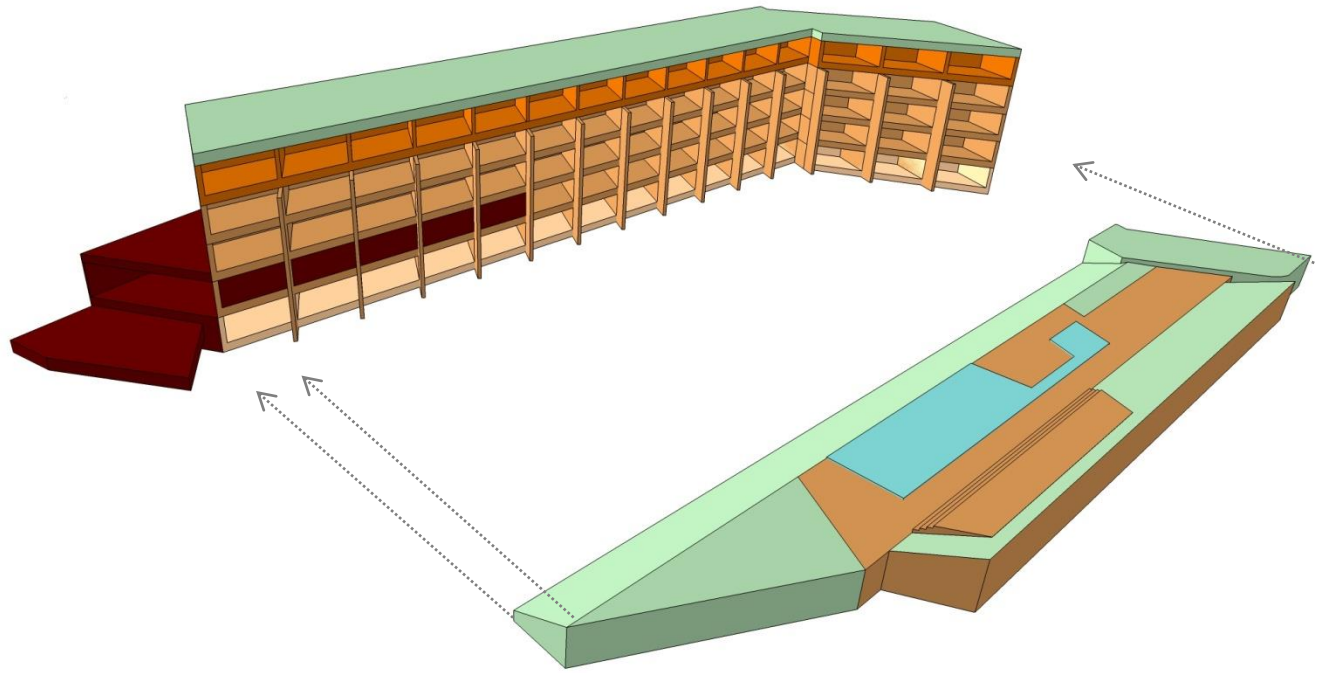
-  suites room
-  penthouse
-  roof garden
-  Lobby, restaurant
-  garden view suite








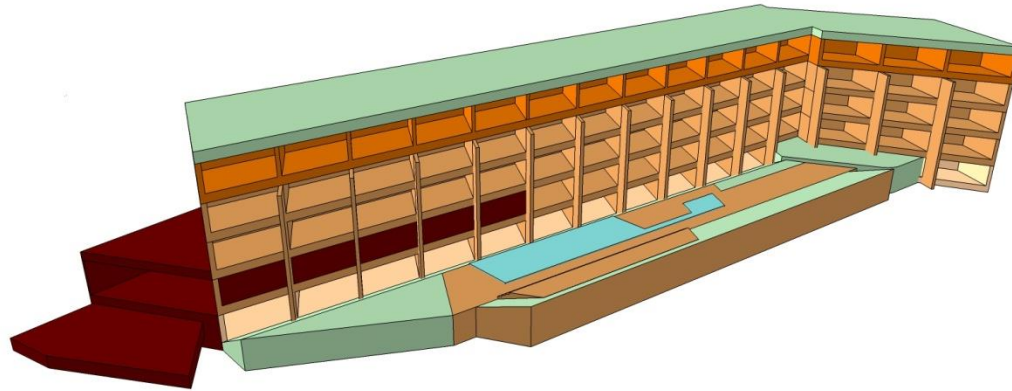
-  suites room
-  penthouse
-  roof garden
-  Lobby, restaurant
-  garden view suite



-  suites room
-  penthouse
-  roof garden
-  Lobby, restaurant
-  garden view suite



-  suites room
-  penthouse
-  roof garden
-  Lobby, restaurant
-  garden view suite





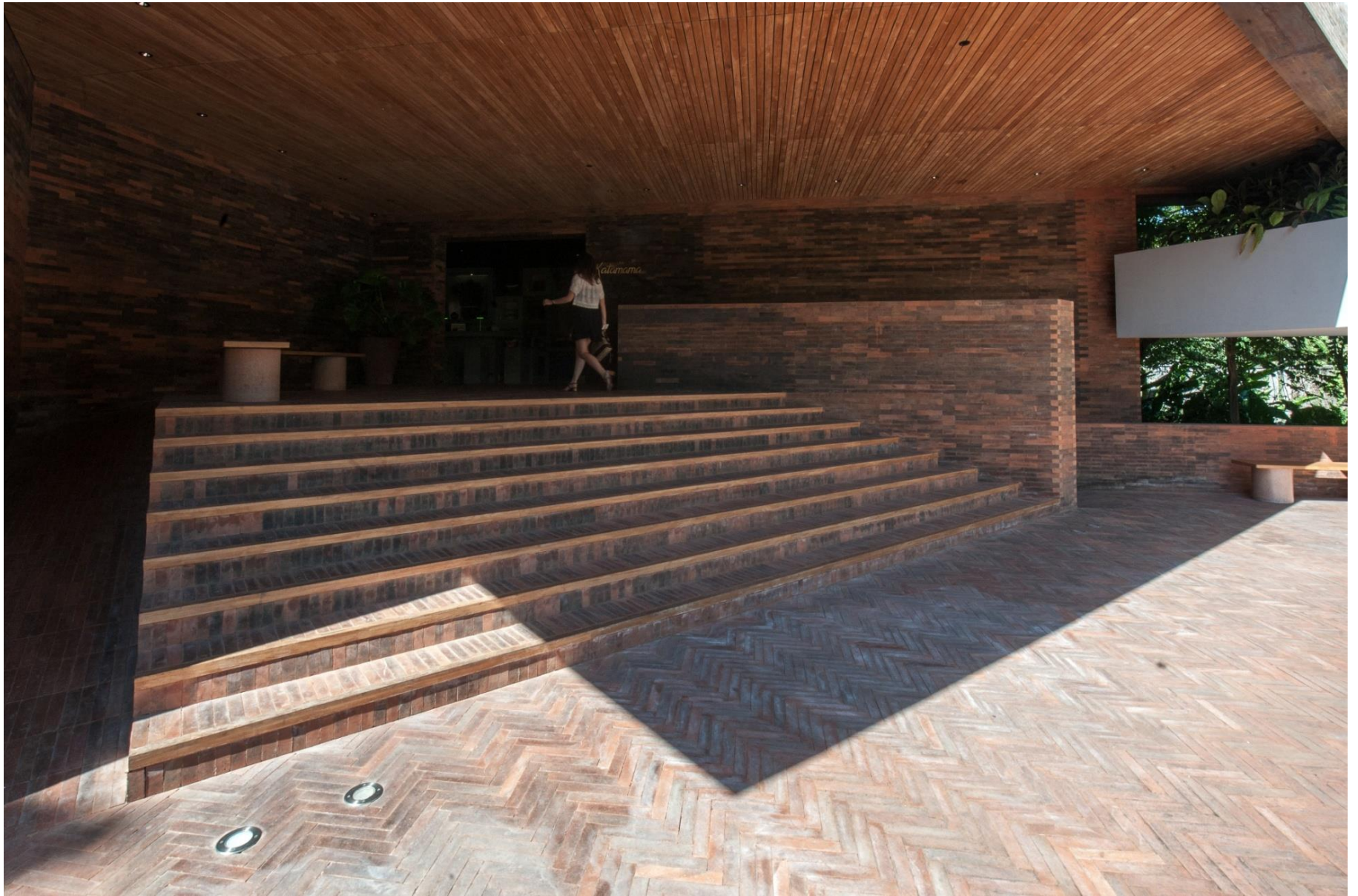














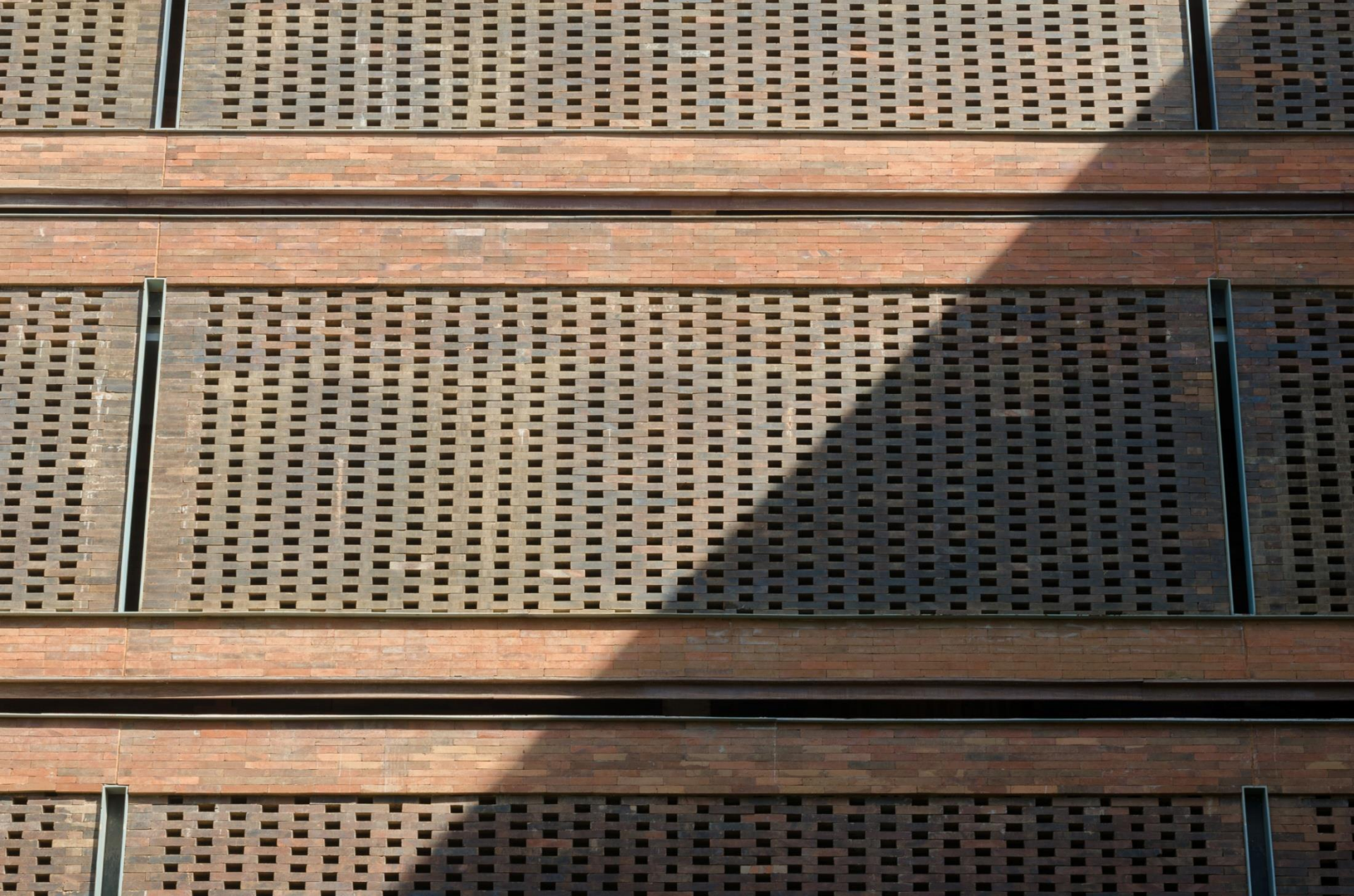


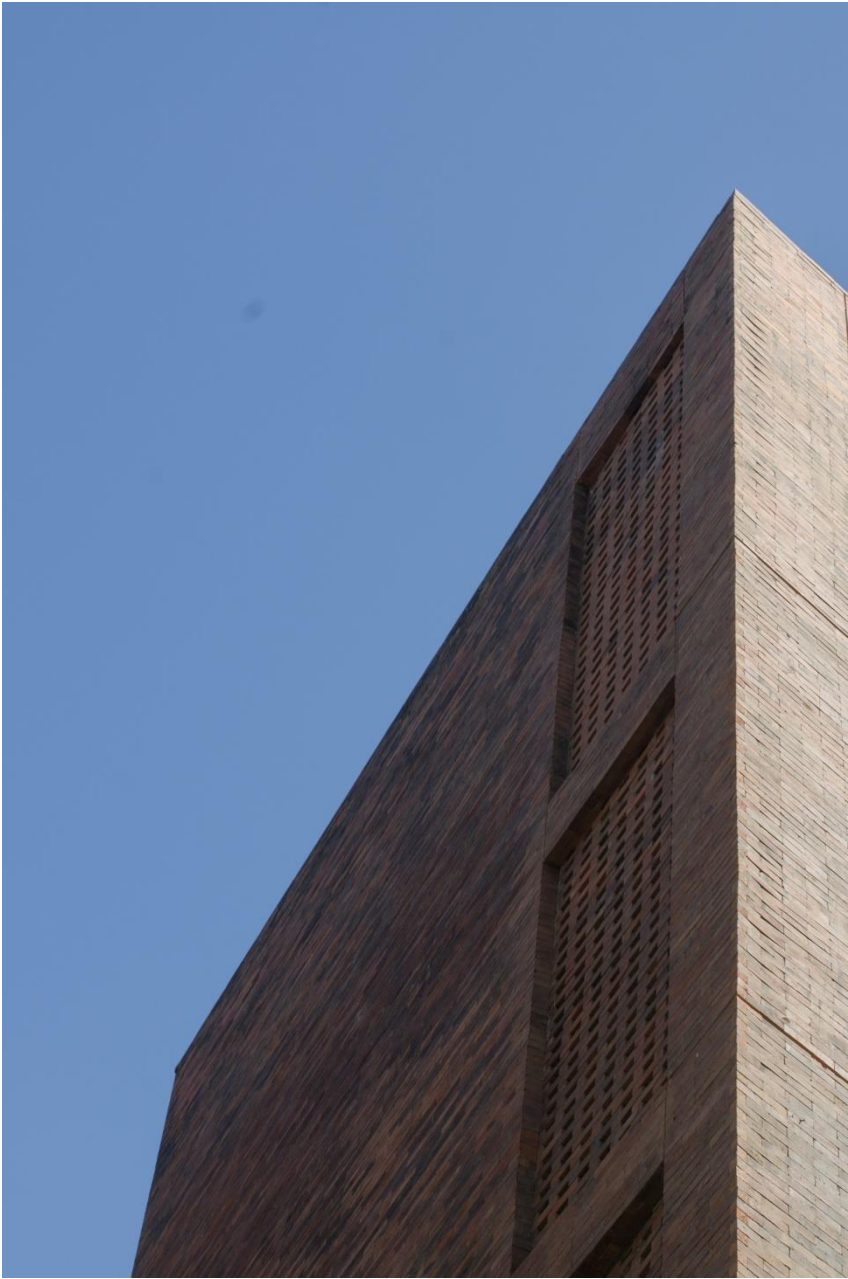










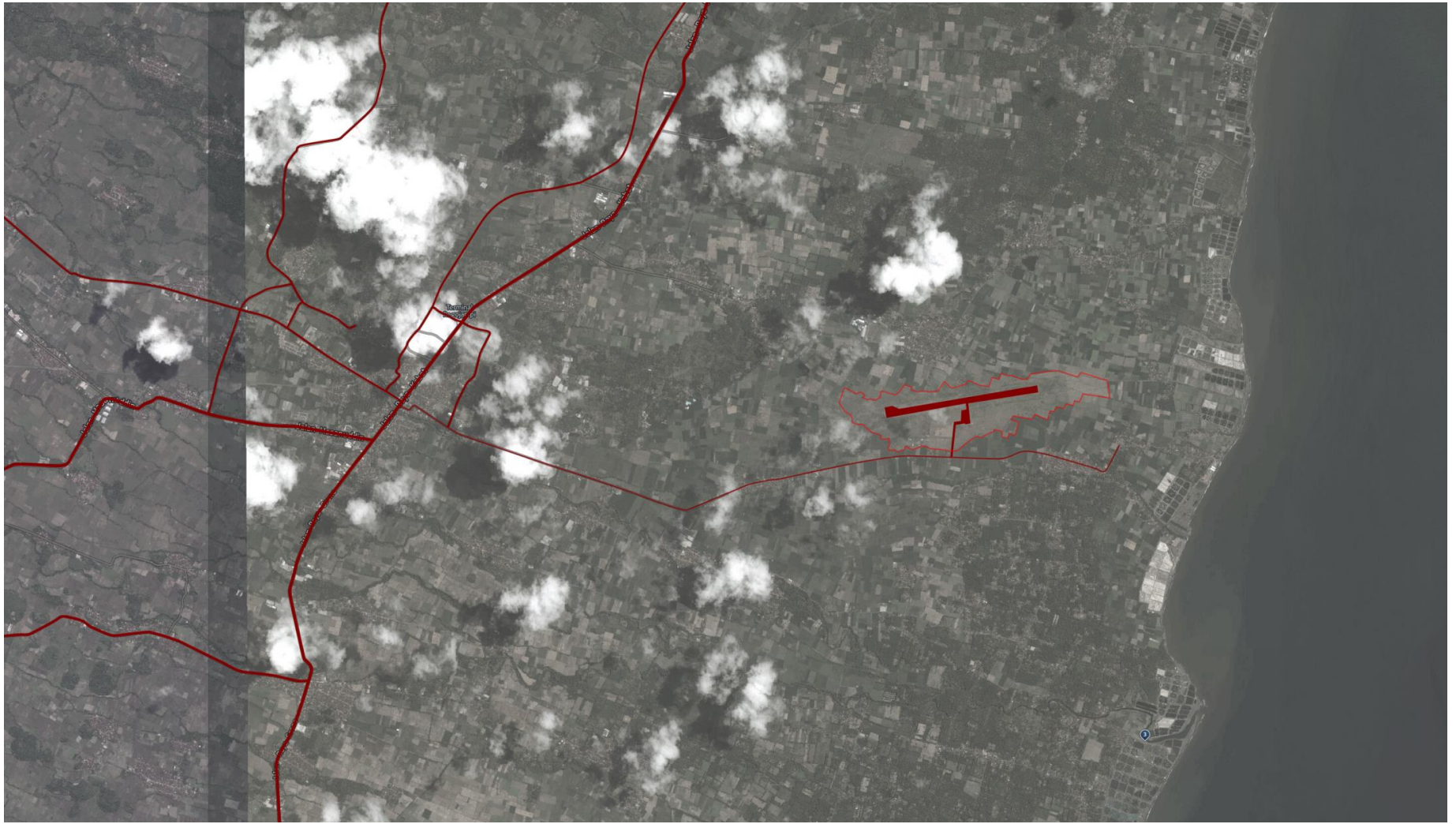


b a n d a r a

b a n d a r a  
b a n y u w a n g i









Bandar Udara  
Blimbingsari

Loka Pendidikan &  
Pelatihan Penerbang

Blimbing

Jl. Pantai Blimbingsari

Jl. Pantai Blimbingsari

Fiber Glass Perkasa  
PT (F1 Perkasa)



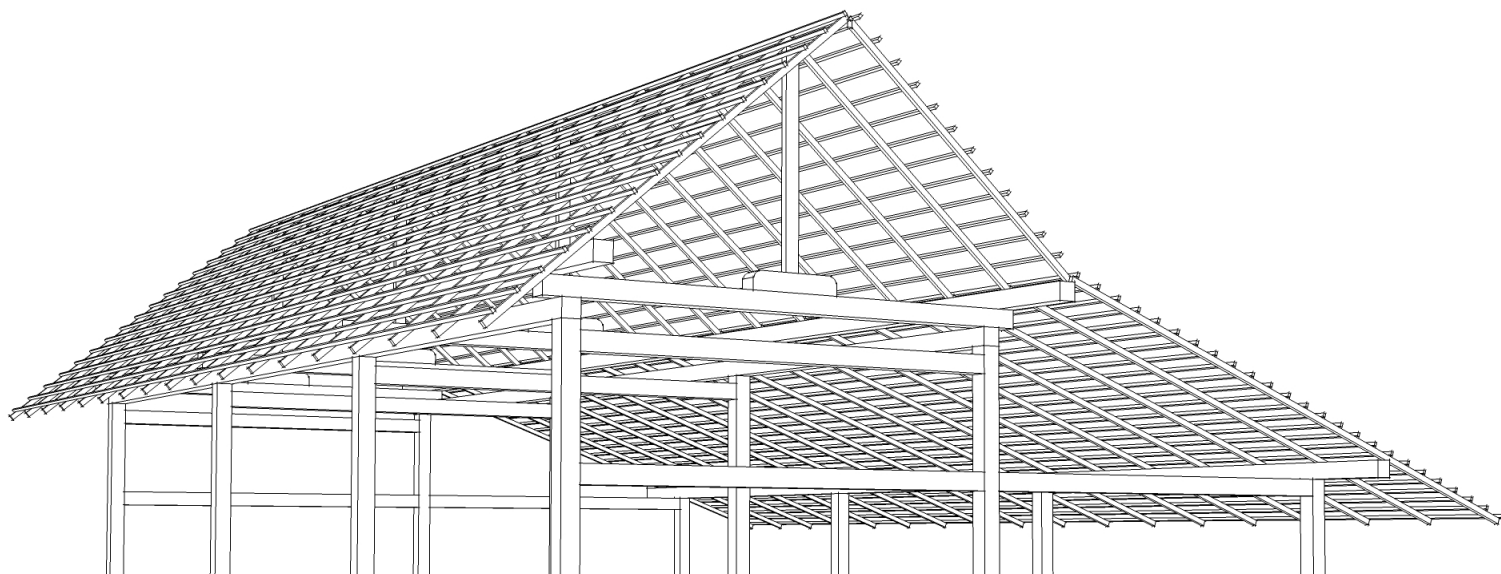
Loka Pendidikan & Pelatihan Penerbang

Blimbing

Jl. Pantai Blimbingsari

Jl. Pantai Blimbingsari

Fiber Glass Perkasa  
PT (F1 Perkasa

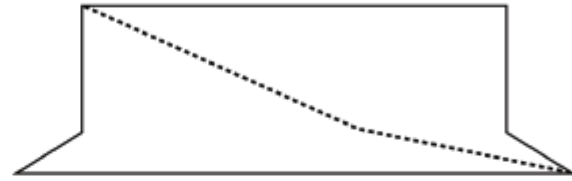




1



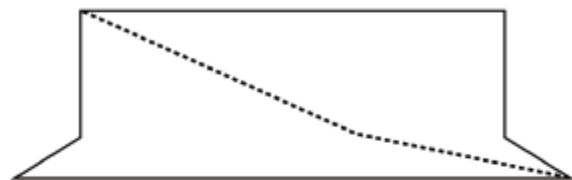
1



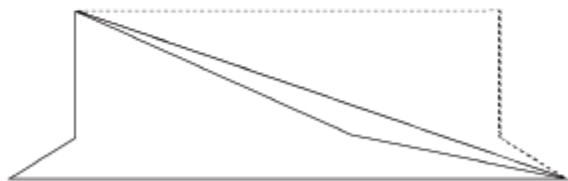
2



1



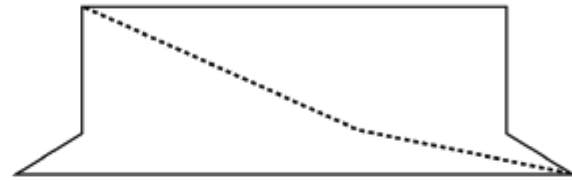
2



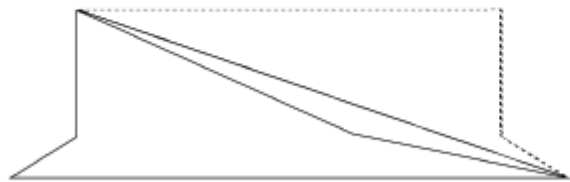
3



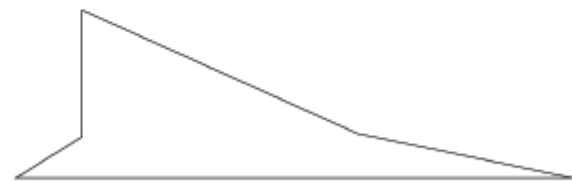
1



2



3



4

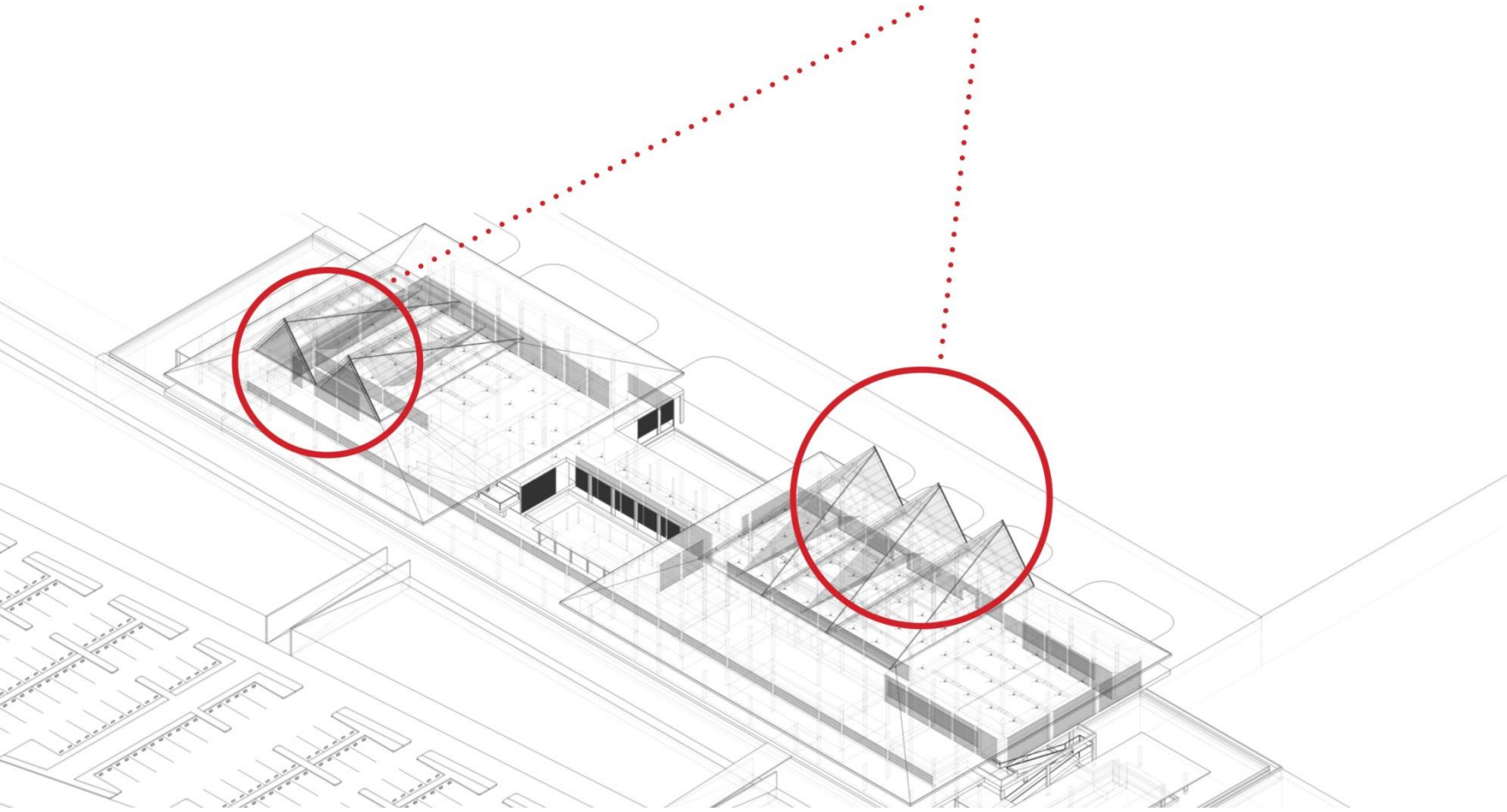


■ ROOF CONCEPT

Based on traditional house of Banyuwangi, those are Crocogan, Tikelbalung, Baresan and Serangan

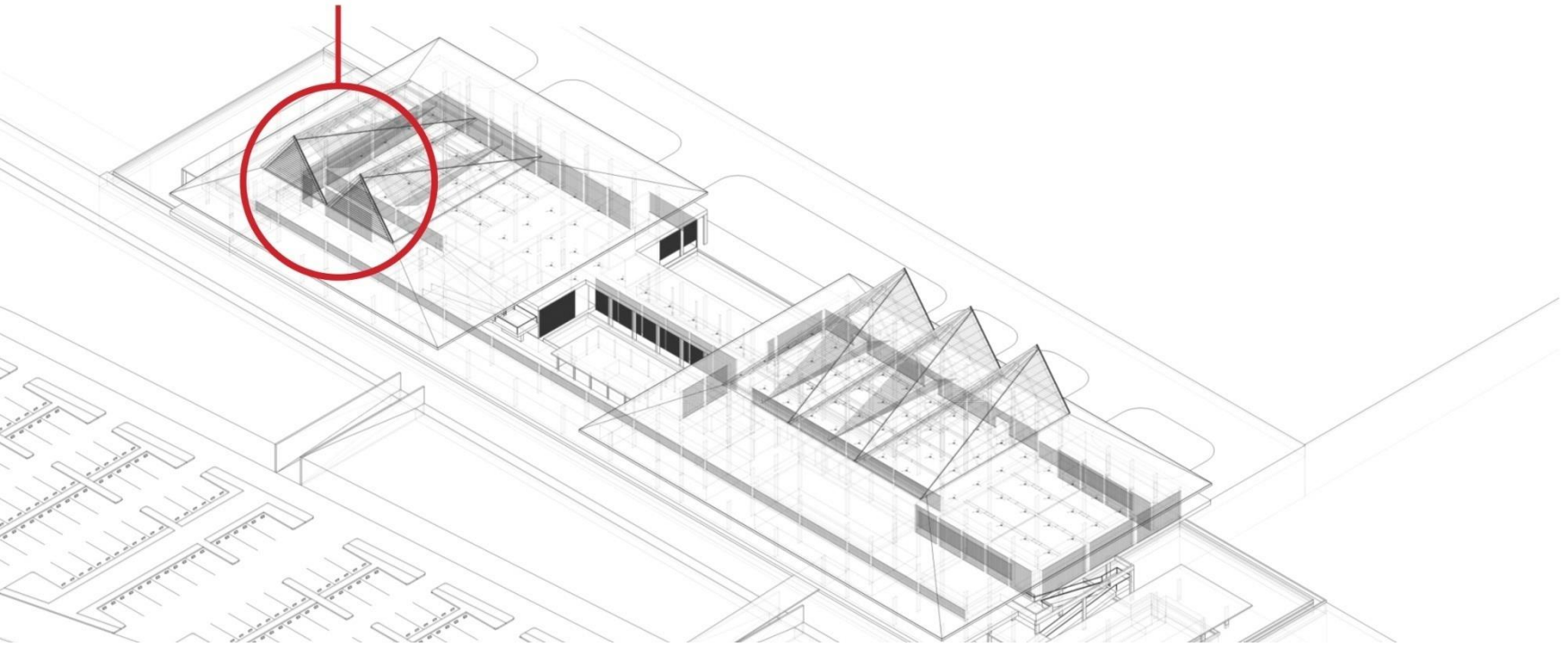
Re-arranged into contemporary style by roof modification and material usage

Each roof has its own signature to greet the guest.

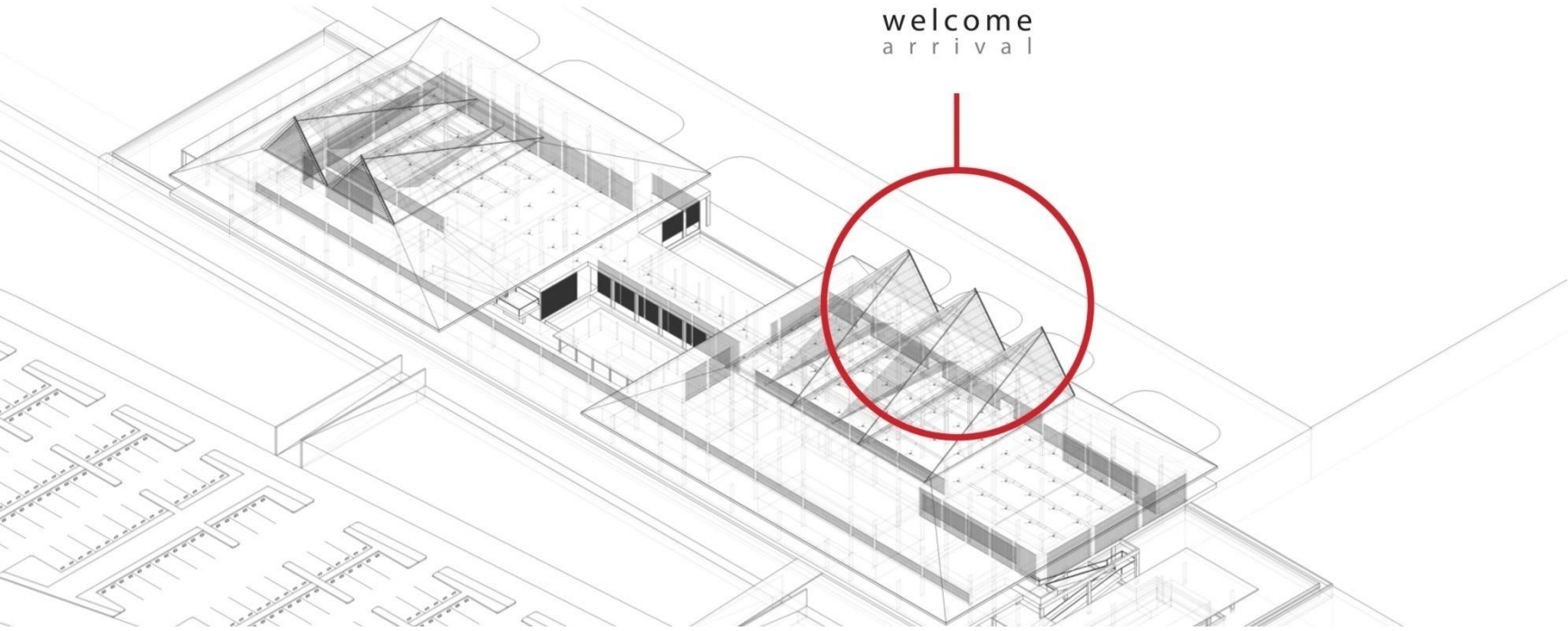


■ ROOF CONCEPT

welcome  
departure

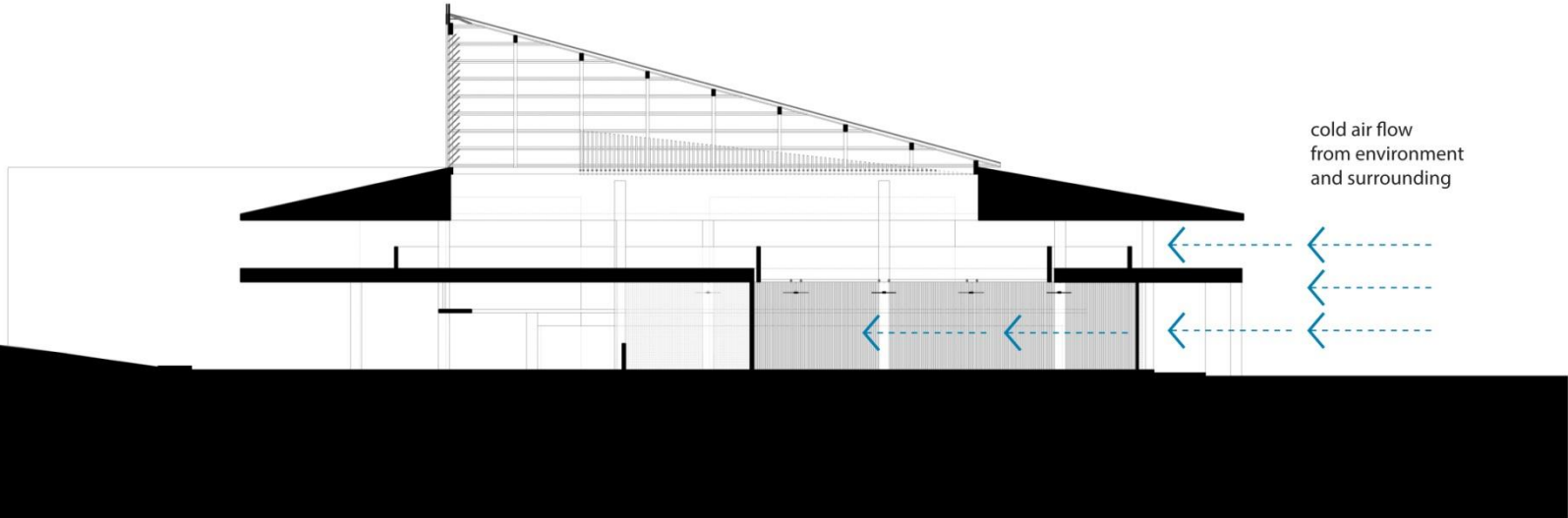


■ ROOF CONCEPT

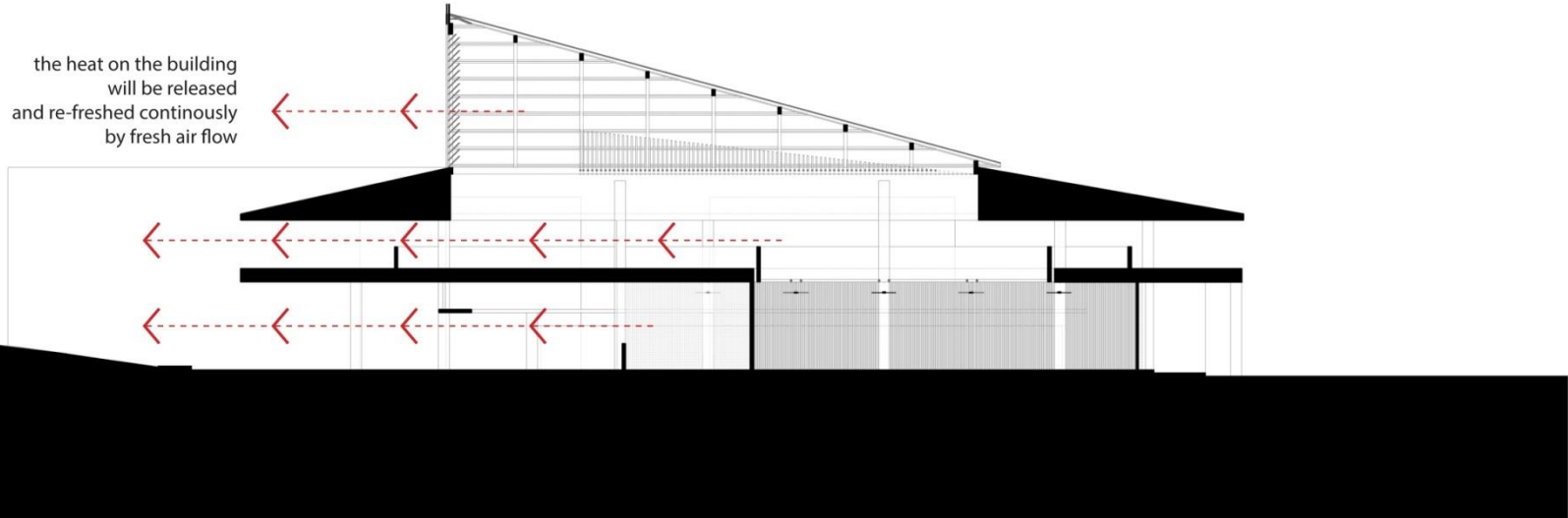


welcome  
arrival

■ AIR CIRCULATIONS

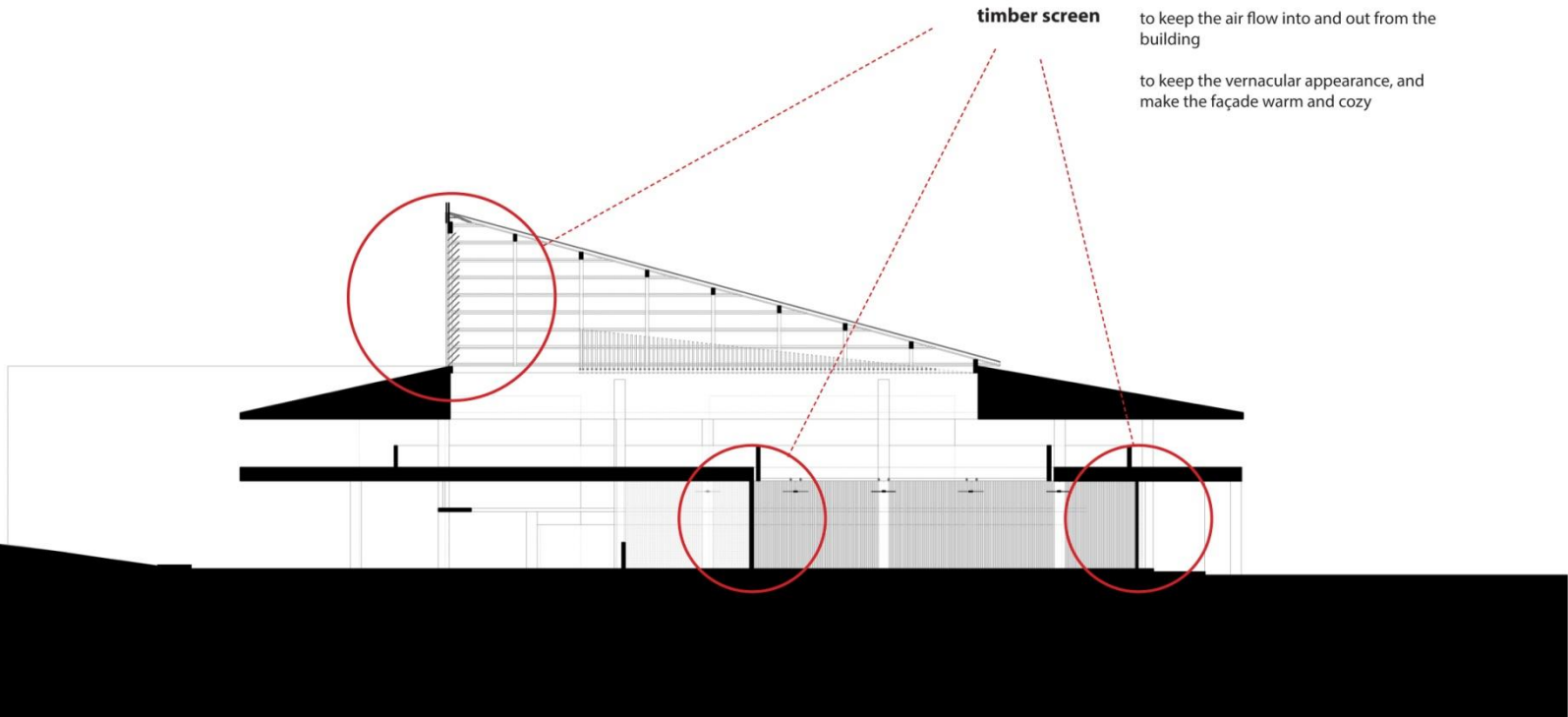


■ AIR CIRCULATIONS



the heat on the building  
will be released  
and re-freshed continously  
by fresh air flow

■ AIR CIRCULATIONS



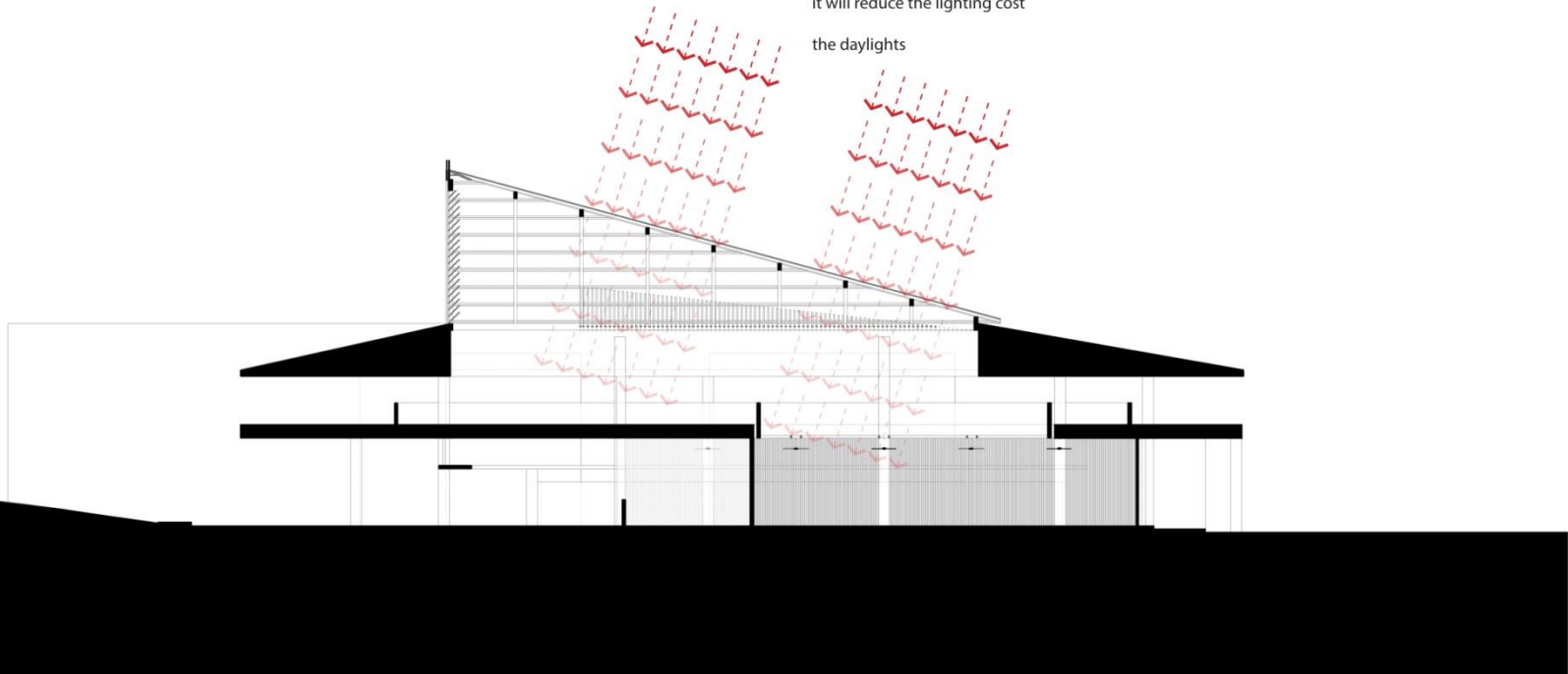
**timber screen**

to keep the air flow into and out from the building

to keep the vernacular appearance, and make the façade warm and cozy

■ DAYLIGHT SYSTEM

**big skylight**  
to let the natural light as the lighting  
system on daylight  
it will reduce the lighting cost  
the daylights

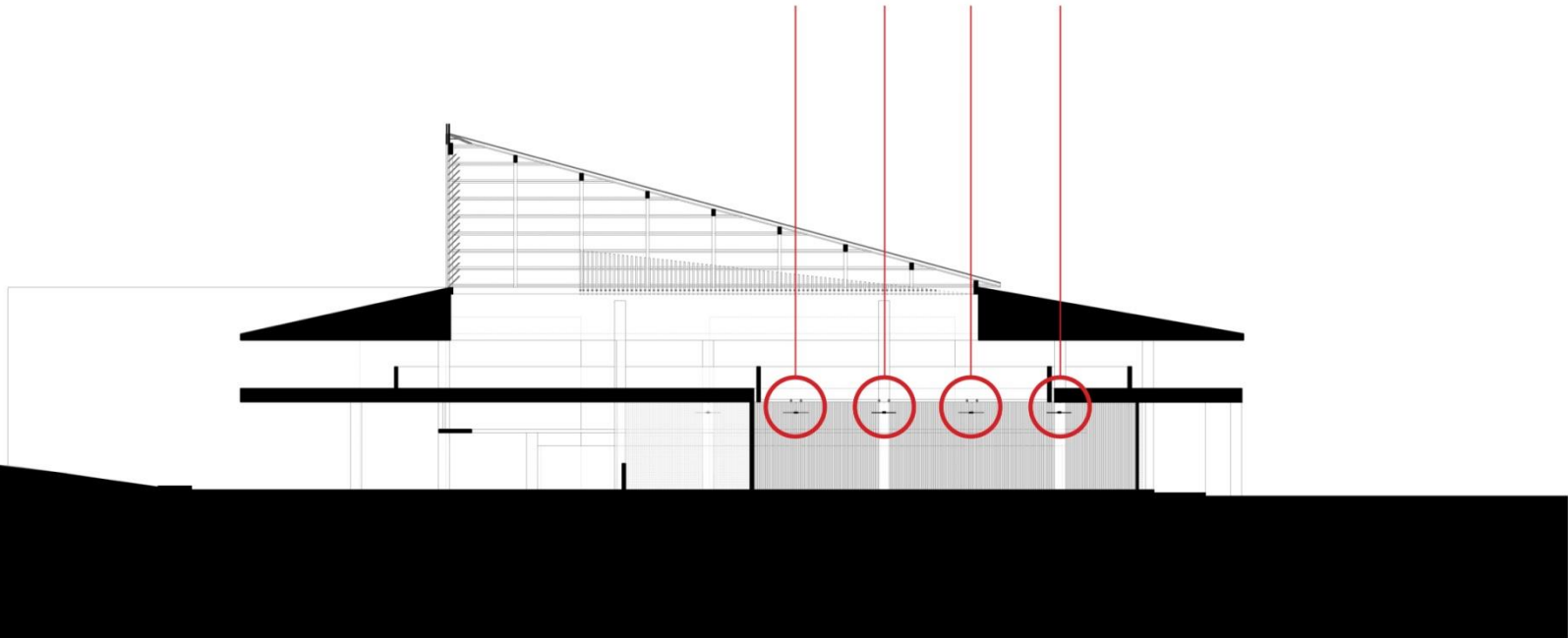


■ AIR CIRCULATIONS

**ceiling fan**

to make the air flow continuously, and become more effective to make the building "breath".

much cheaper than using Air Conditioner, and more green-concept





■ DAYLIGHT & RAIN PROTECTION

**timber sun-screen**

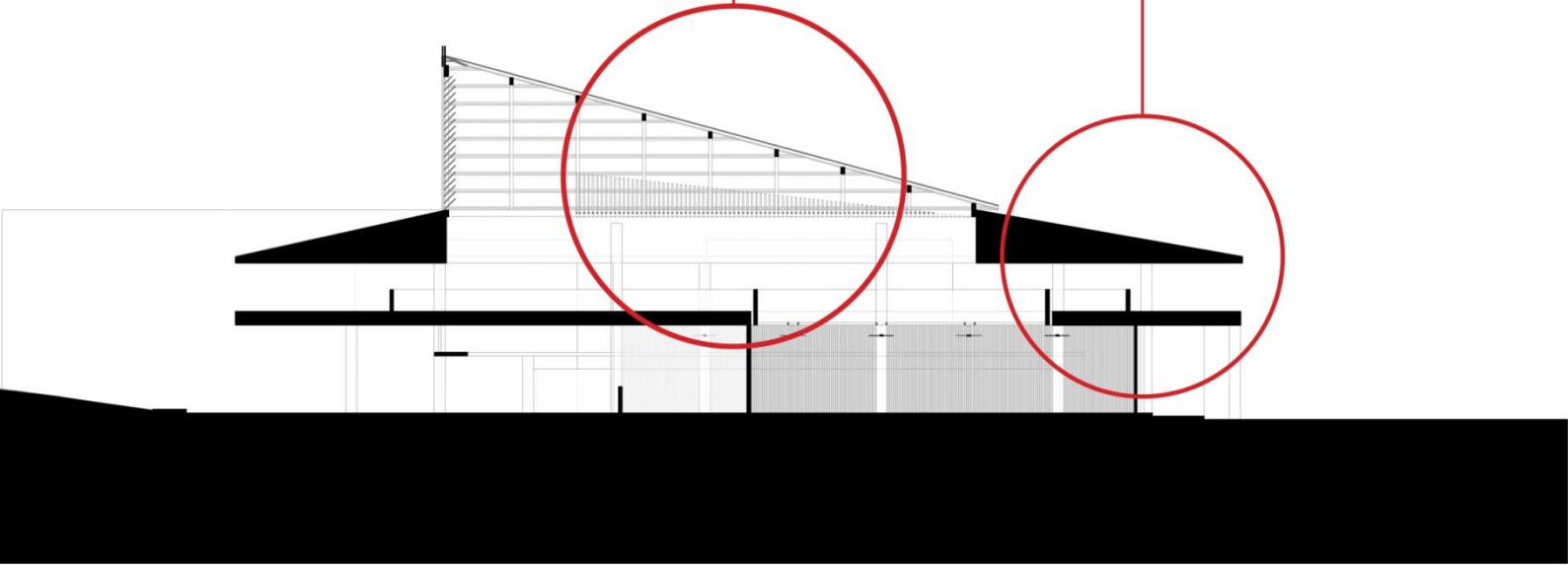
during mid-day, it will makes shadow to block the sun heating process.

and the screen makes an artistic effect for the interior ambients

**wide span roofing**

to create more shady area on the building, it will more effectively reducing the building heat.

and also to create a wider shelter to reduce the chance for the rain water penetrate during heavy rain season



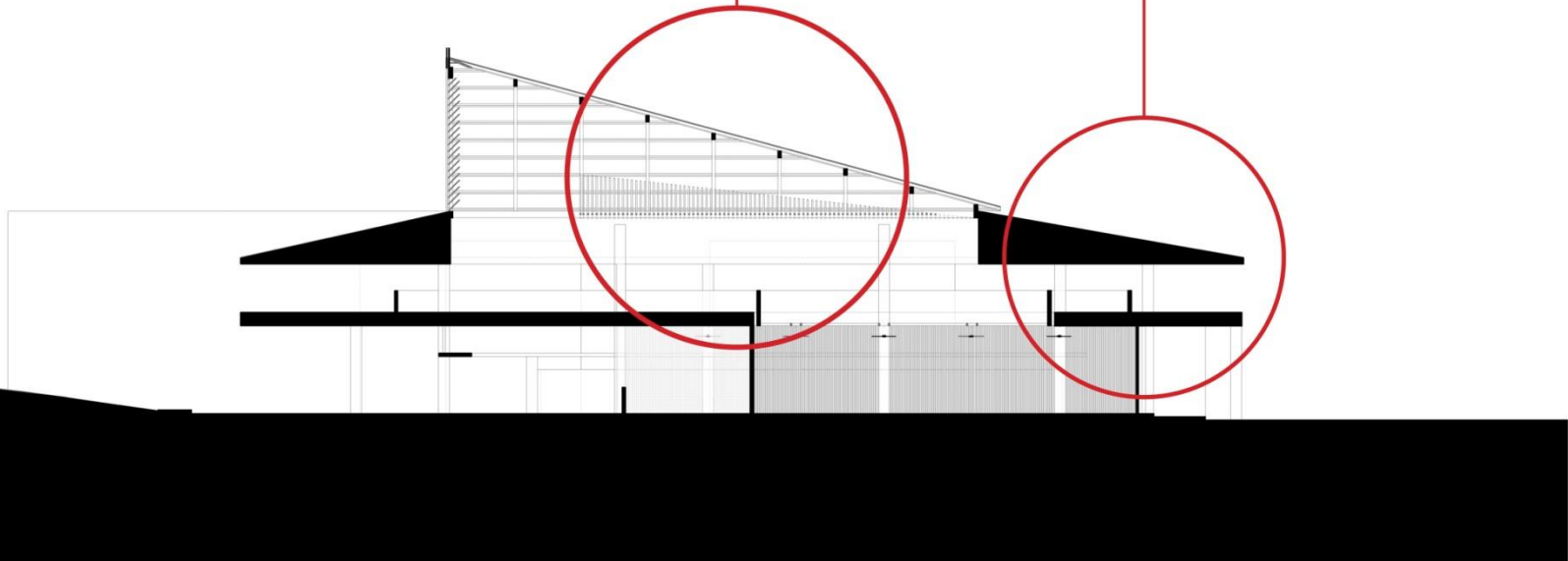
■ DAYLIGHT & RAIN PROTECTION

**timber sun-screen**

during mid-day, it will makes shadow to block the sun heating process.  
and the screen makes an artistic effect for the interior ambients

**wide span roofing**

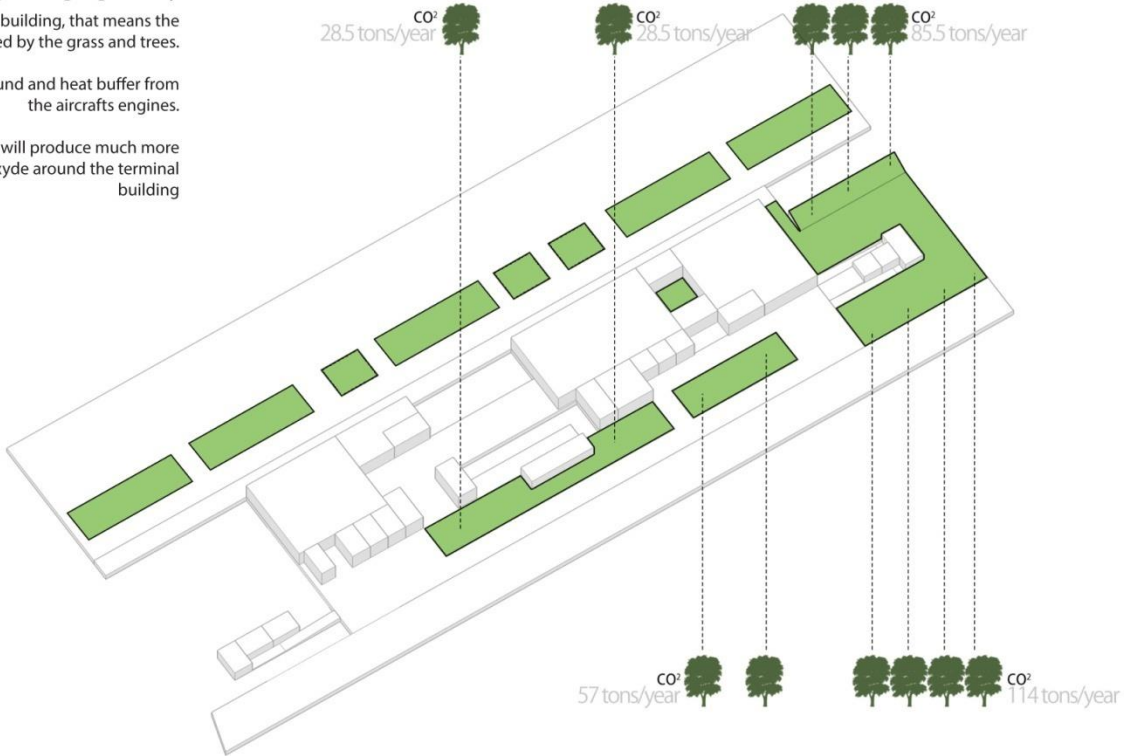
to create more shady area on the building, it will more effectively reducing the building heat.  
and also to create a wider shelter to reduce the chance for the rain water penetrate during heavy rain season



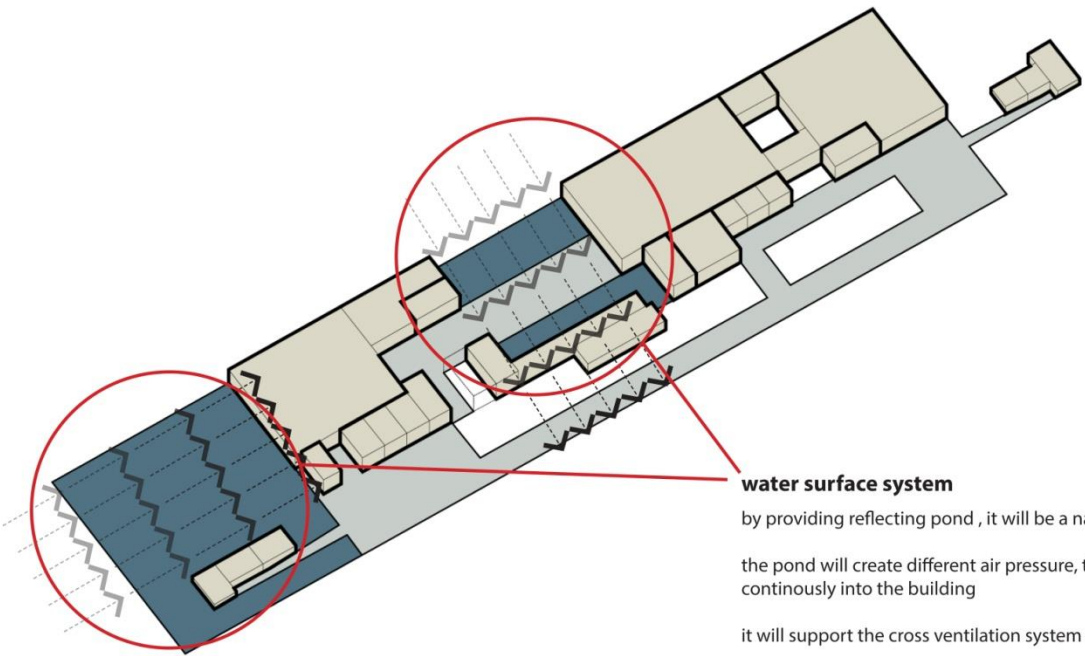
# PASSIVE GREEN SYSTEM ( LANDSCAPING)

## planting & greenery

- to create more shadow around the building, that means the heat will be absorbed by the grass and trees.
- the trees will be part of natural sound and heat buffer from the aircrafts engines.
- and also, planting and greeneries will produce much more oxygen by absorbing carbondioxyde around the terminal building

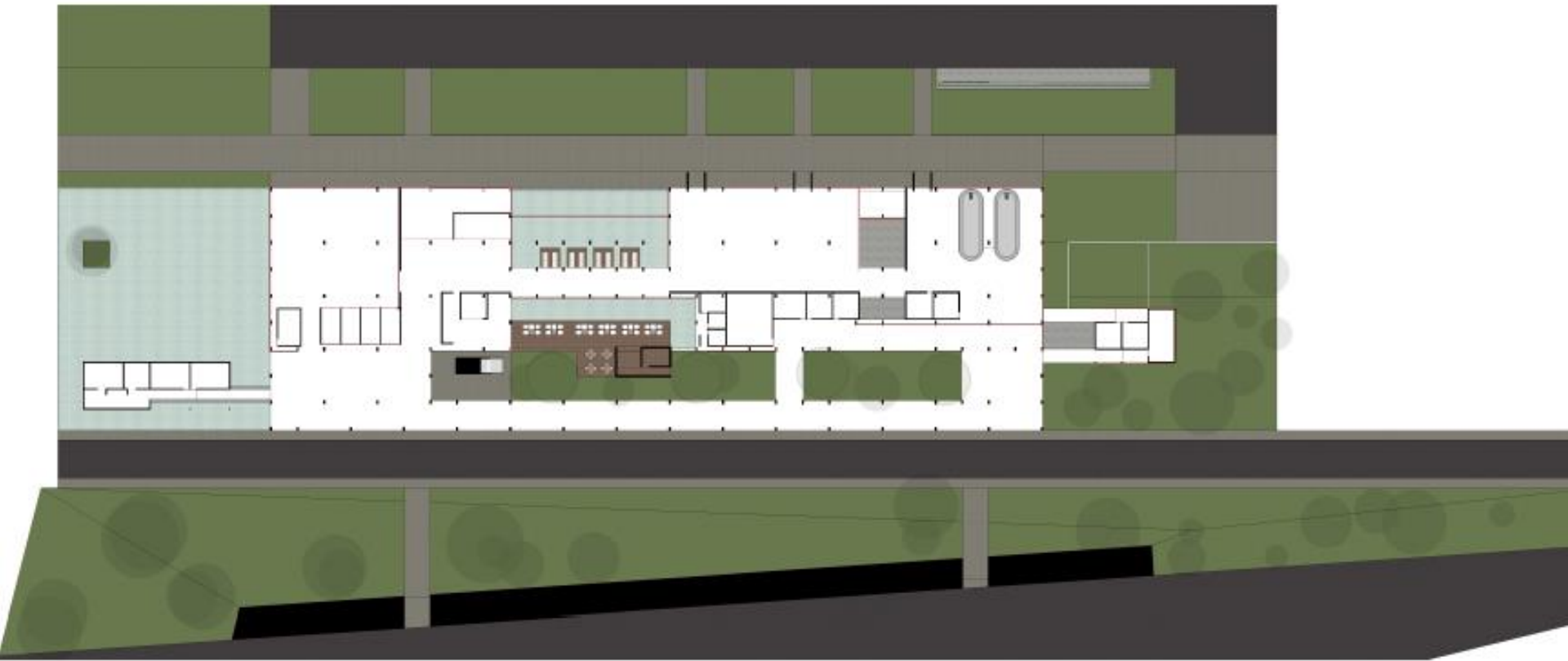


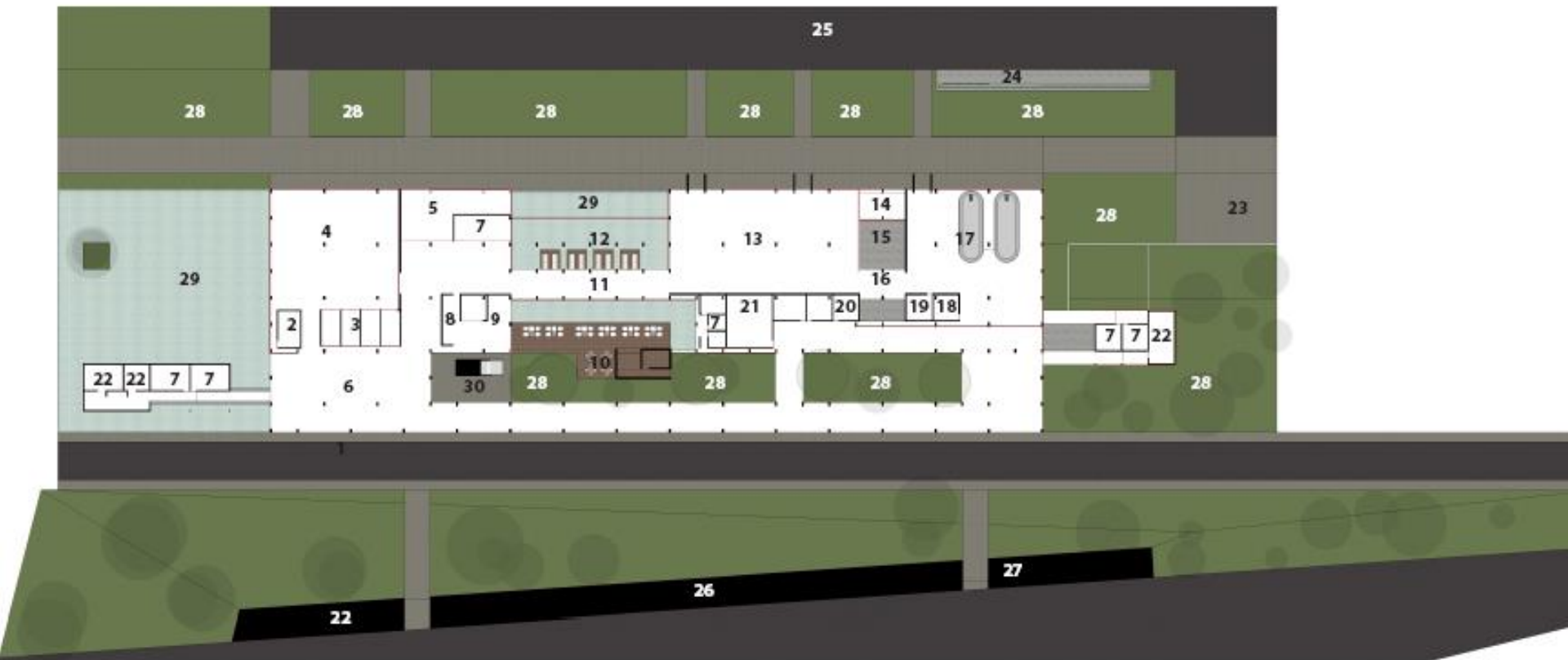
■ PASSIVE GREEN SYSTEM ( WATERSCAPE)



**water surface system**

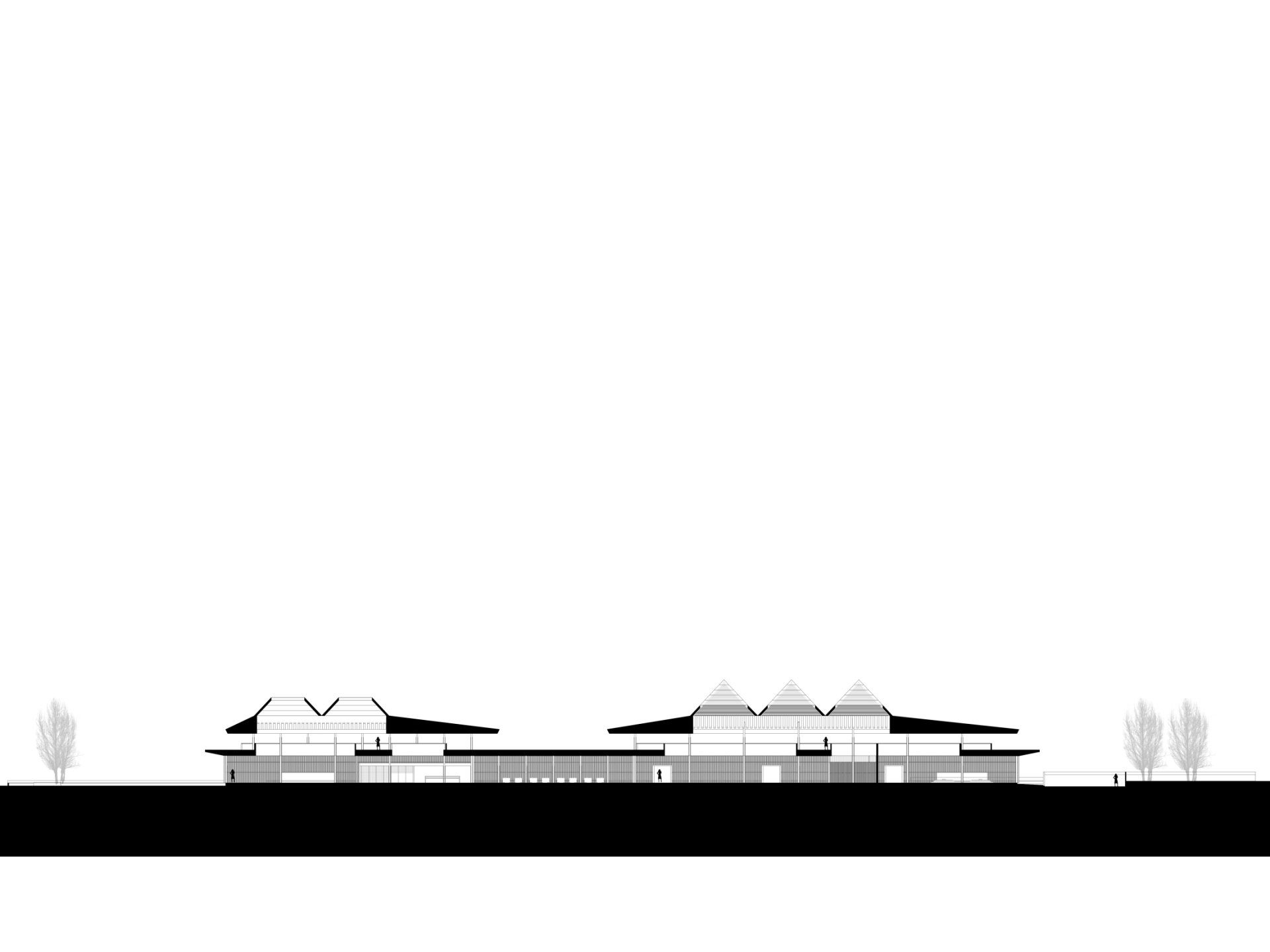
by providing reflecting pond , it will be a natural air cooling system  
the pond will create different air pressure, that makes air flows continuously into the building  
it will support the cross ventilation system to reduce the heat

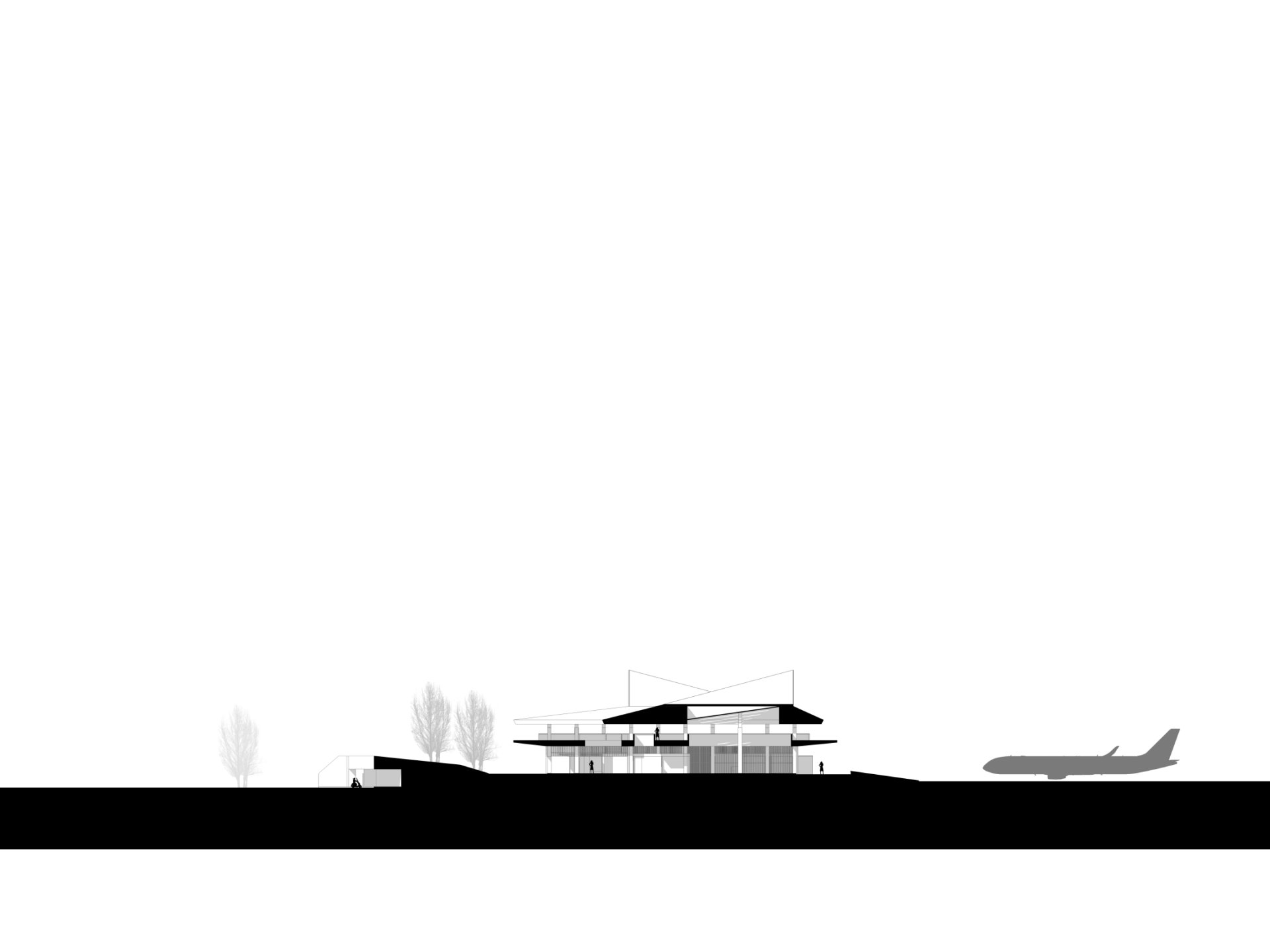




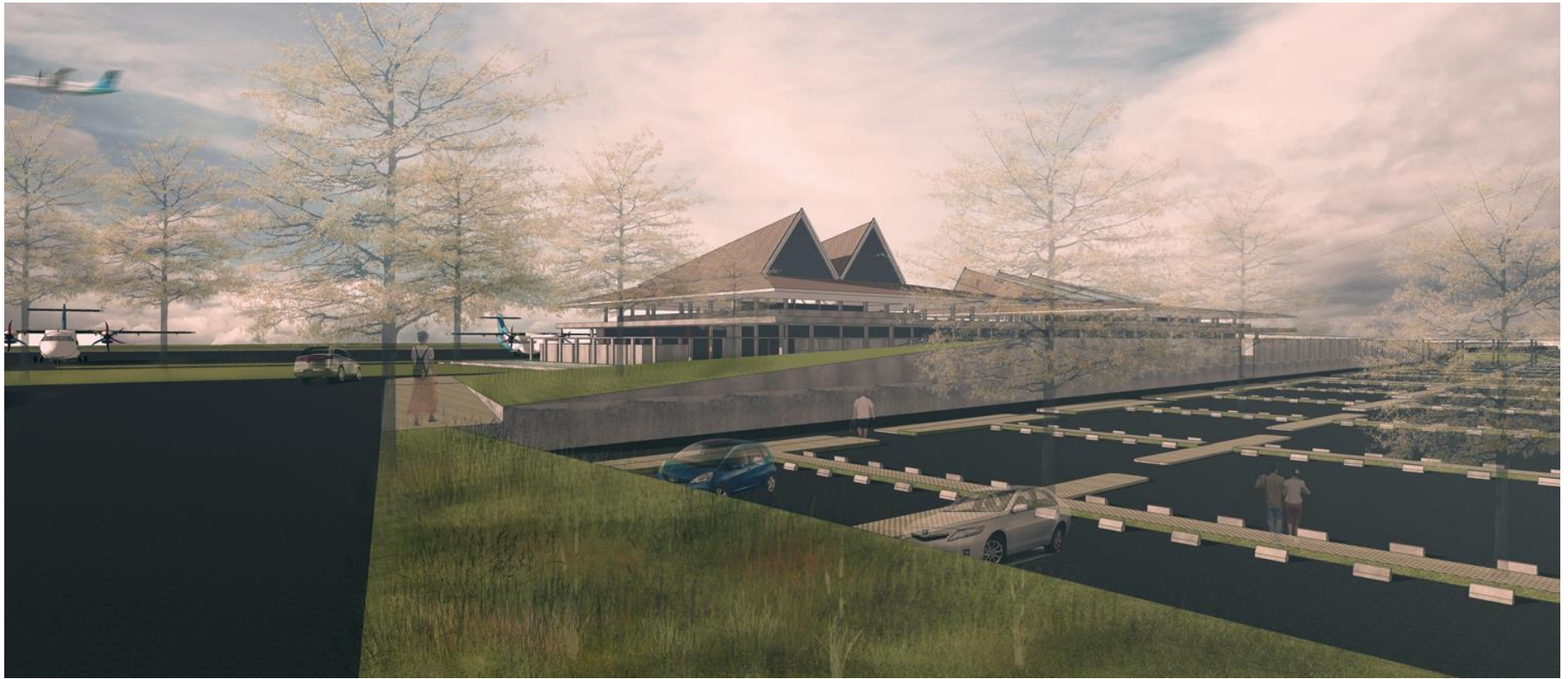
### Legend

- |     |                   |     |                       |     |                       |
|-----|-------------------|-----|-----------------------|-----|-----------------------|
| 1.  | Drop-off Area     | 11. | Connecting Passage    | 21. | Airport Office        |
| 2.  | AVSEC office      | 12. | Terrace Lounge        | 22. | Praying Room          |
| 3.  | Ticket Counters   | 13. | Boarding Area         | 23. | Airport Vehicles Park |
| 4.  | Check-In Counters | 14. | Ground Service Office | 24. | Airport Signage       |
| 5.  | Executive Lounge  | 15. | Courtyard             | 25. | Apron                 |
| 6.  | Information       | 16. | Transit Area          | 26. | Arcade & Taxi Shelter |
| 7.  | Guest Toilets     | 17. | Luggage Claim         | 27. | Machine Room          |
| 8.  | ATM Center        | 18. | Lost & Found          | 28. | Garden                |
| 9.  | Souvenirs Shop    | 19. | Clinic                | 29. | Reflecting Pond       |
| 10. | Café & Resto.     | 20. | Hotel & Taxi Reserv.  | 30. | Stair                 |





























t u l a n g  
b a w a h  
b a r a t



West Tulang Bawang, Lampung, Indonesia



© 2014 AfriGIS (Pty) Ltd.  
Image Landsat  
Image © 2014 DigitalGlobe

Google earth

2014

Imagery Date: 4/10/2013 4°32'45.77" S 105°05'52.61" E elev 33 m eye alt 12.75 km



Image © 2014 DigitalGlobe  
© 2014 AfriGIS (Pty) Ltd.

Google earth

2006

Imagery Date: 7/8/2006 4°32'40.27" S 105°05'28.57" E elev 33 m eye alt 881 m



Image © 2014 DigitalGlobe  
© 2014 AfriGIS (Pty) Ltd.

Google earth

2006

Imagery Date: 7/8/2006 4°32'40.27" S 105°05'28.57" E elev 33 m eye alt 881 m

m a s j i d



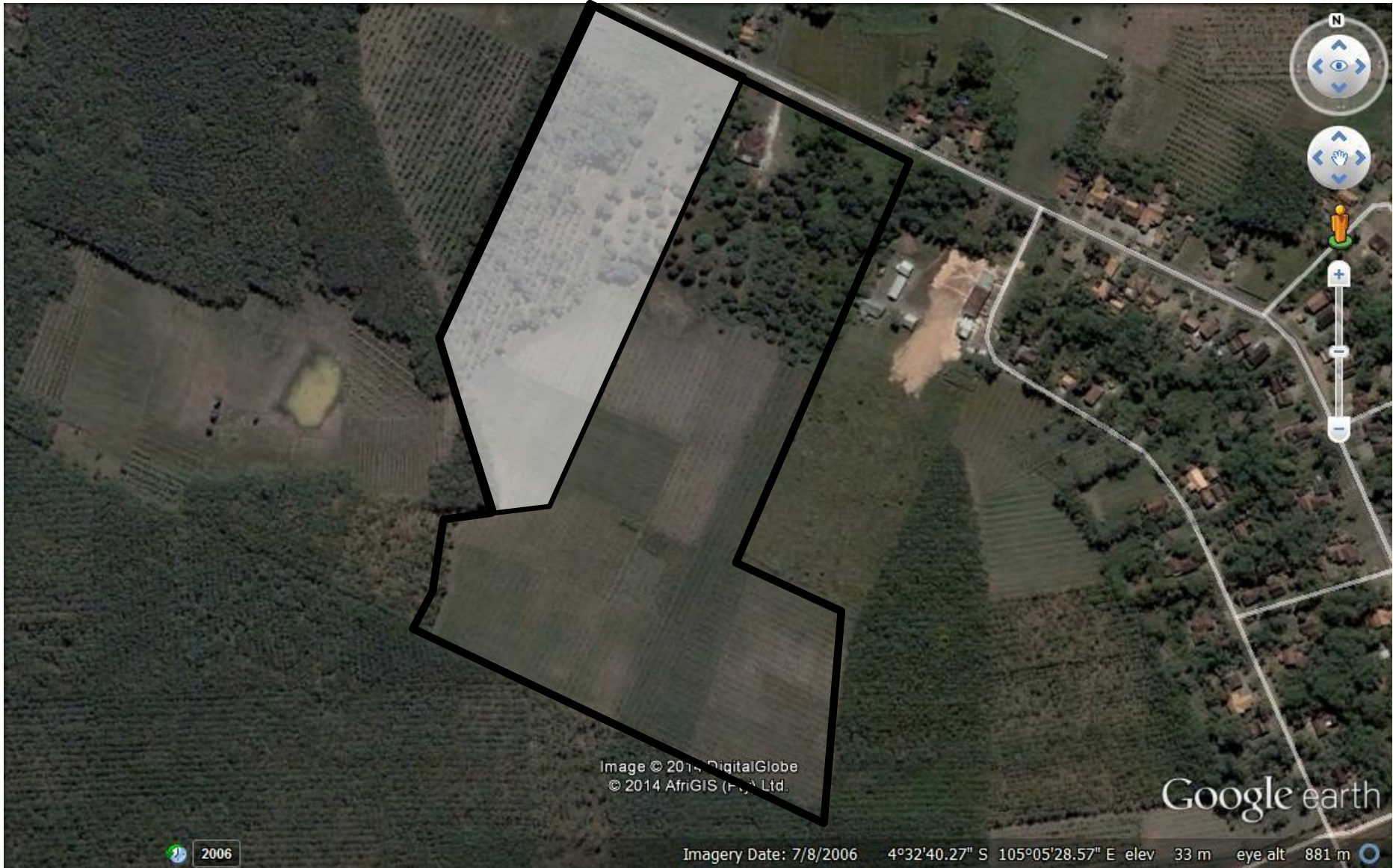


Image © 2014 DigitalGlobe  
© 2014 AfriGIS (Pty) Ltd.

Google earth

2006

Imagery Date: 7/8/2006 4°32'40.27" S 105°05'28.57" E elev 33 m eye alt 881 m

i s l a m

1 Allah

2 kalimat syahadat

2 jumlah rakaat shalat subuh

3 jumlah rakaat shalat magrib

4 jumlah rakaat shalat dzuhur ashar isya

5 jumlah shalat fardu

5 rukun islam

6 rukun iman

7 jumlah ayat dalam surat al-fatihah

10 jumlah malaikat utusan Allah

11 hitungan tasbih

25 jumlah Nabi

30 jumlah juz dalam Al-quran

17 jumlah rakaat dalam shalat fardu per hari

34 jumlah sujud dalam shalat fardu per hari

99 asmaul husna

112 jumlah surat



shalat



istiqlal



pelataran

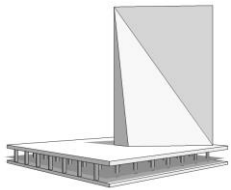
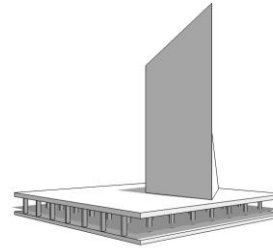
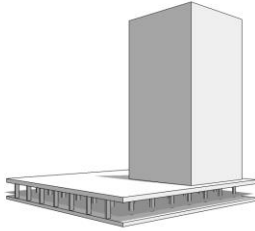
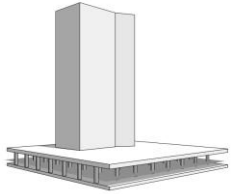
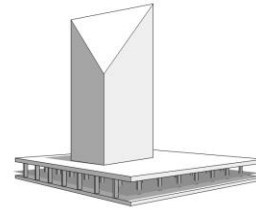
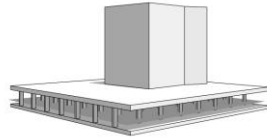
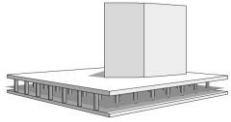


Handwritten characters in Lampung script, arranged in four rows of five characters each:

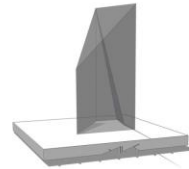
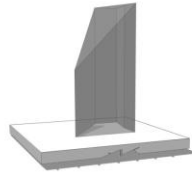
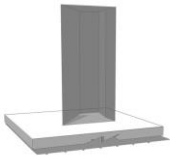
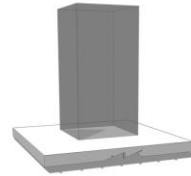
𑍑	𑍒	𑍓	𑍔	𑍕
𑍖	𑍗	𑍘	𑍙	𑍚
𑍛	𑍜	𑍝	𑍞	𑍟
𑍠	𑍡	𑍢	𑍣	𑍤

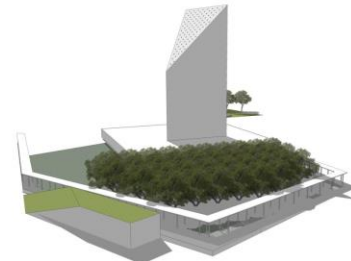
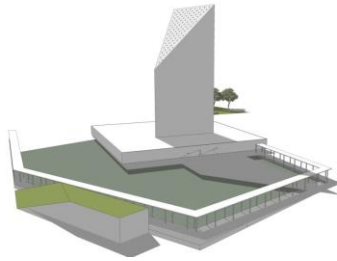
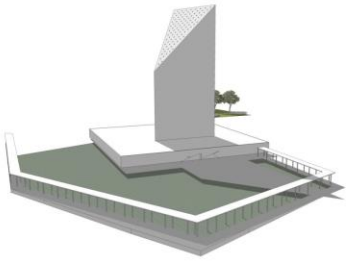
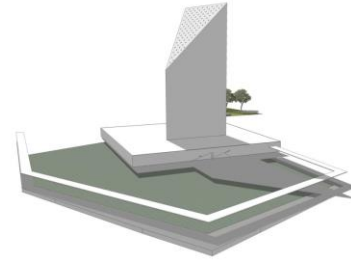
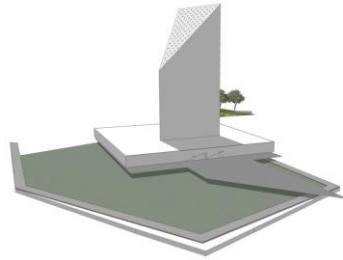
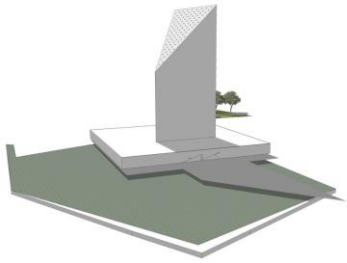
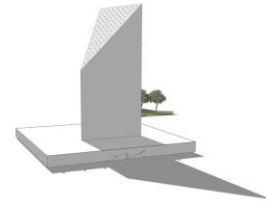
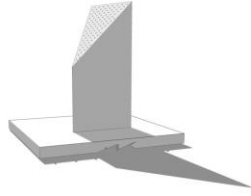
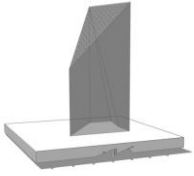


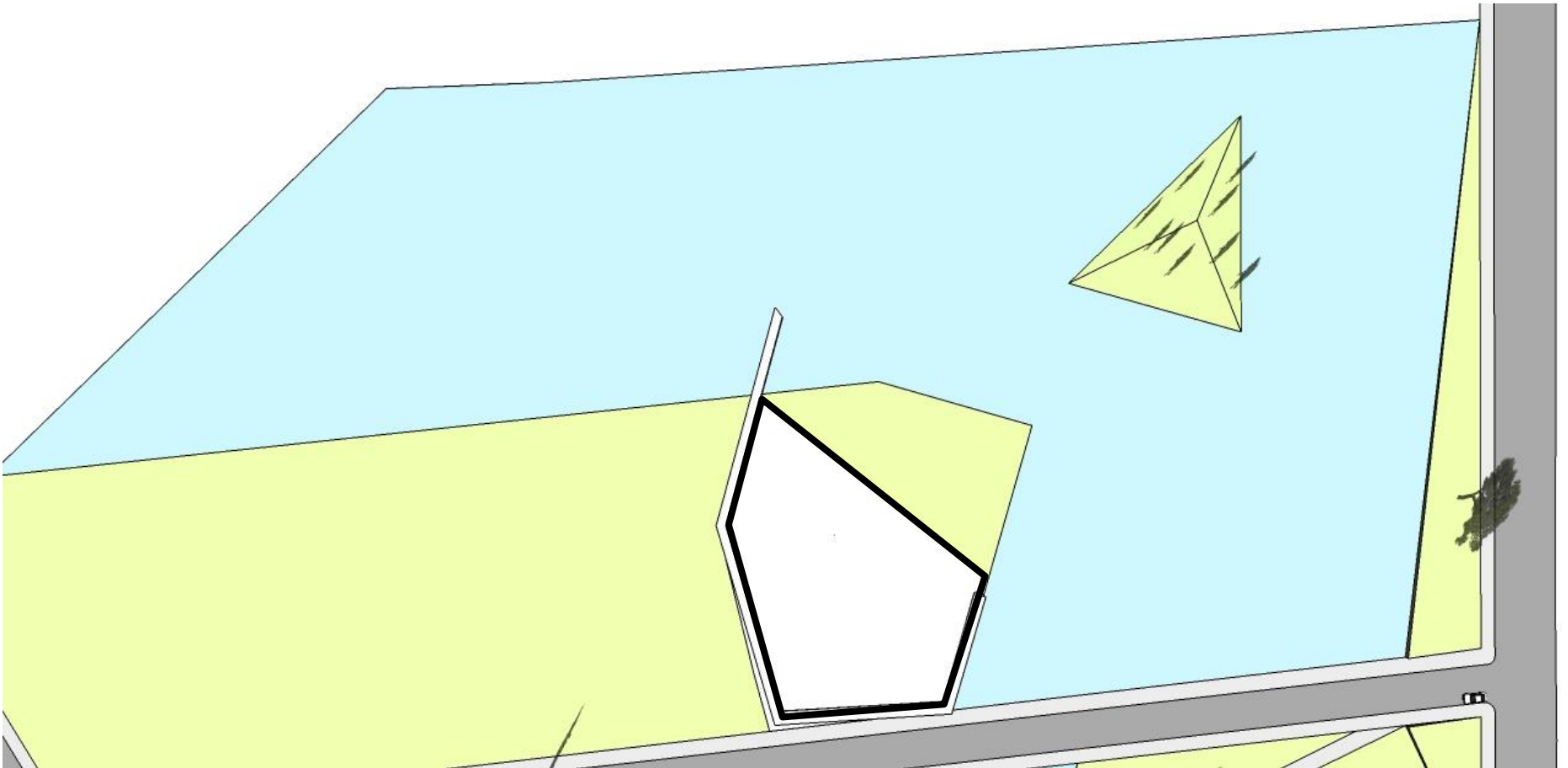
m a s s a



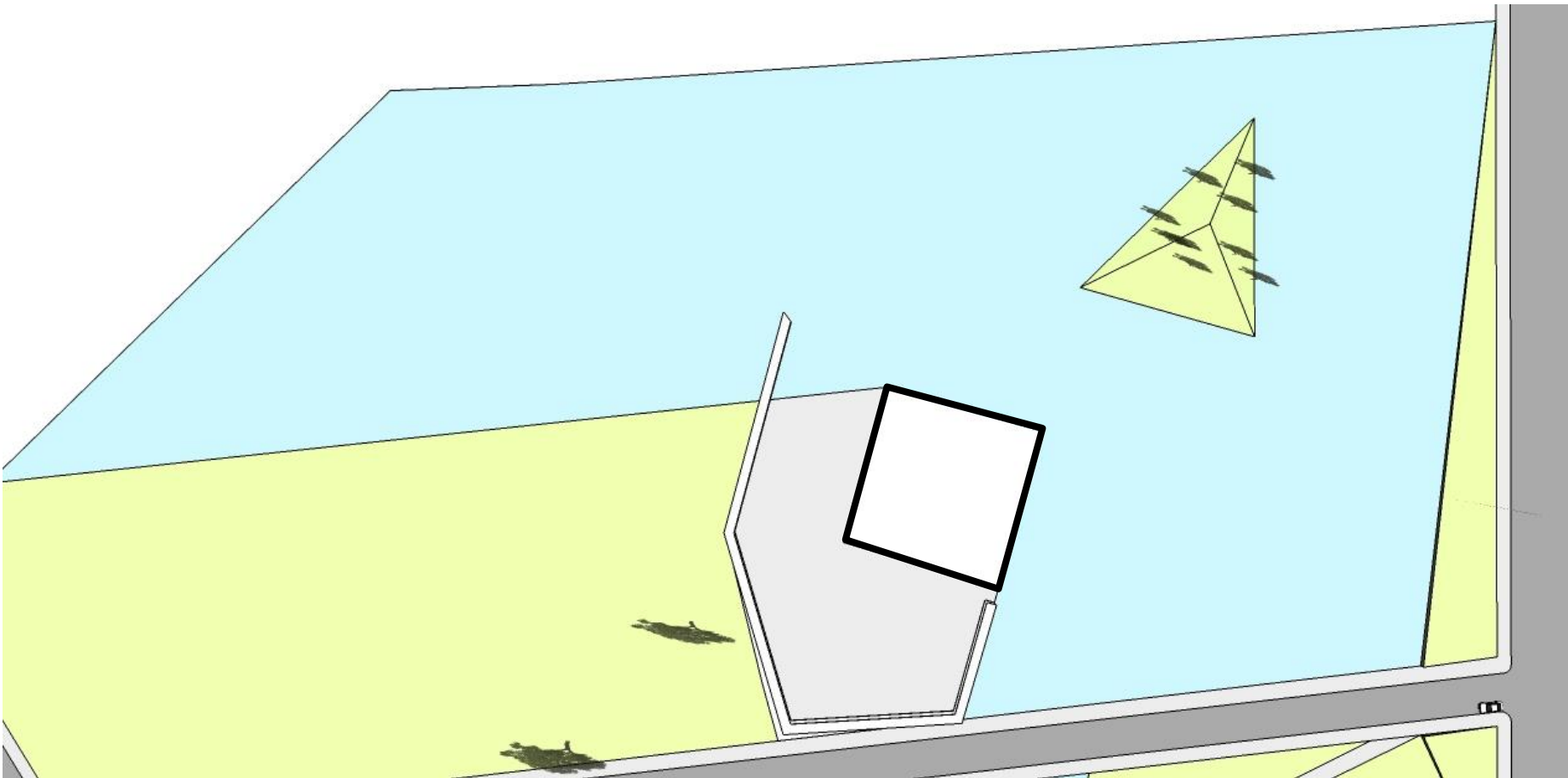
f i l o s o f i



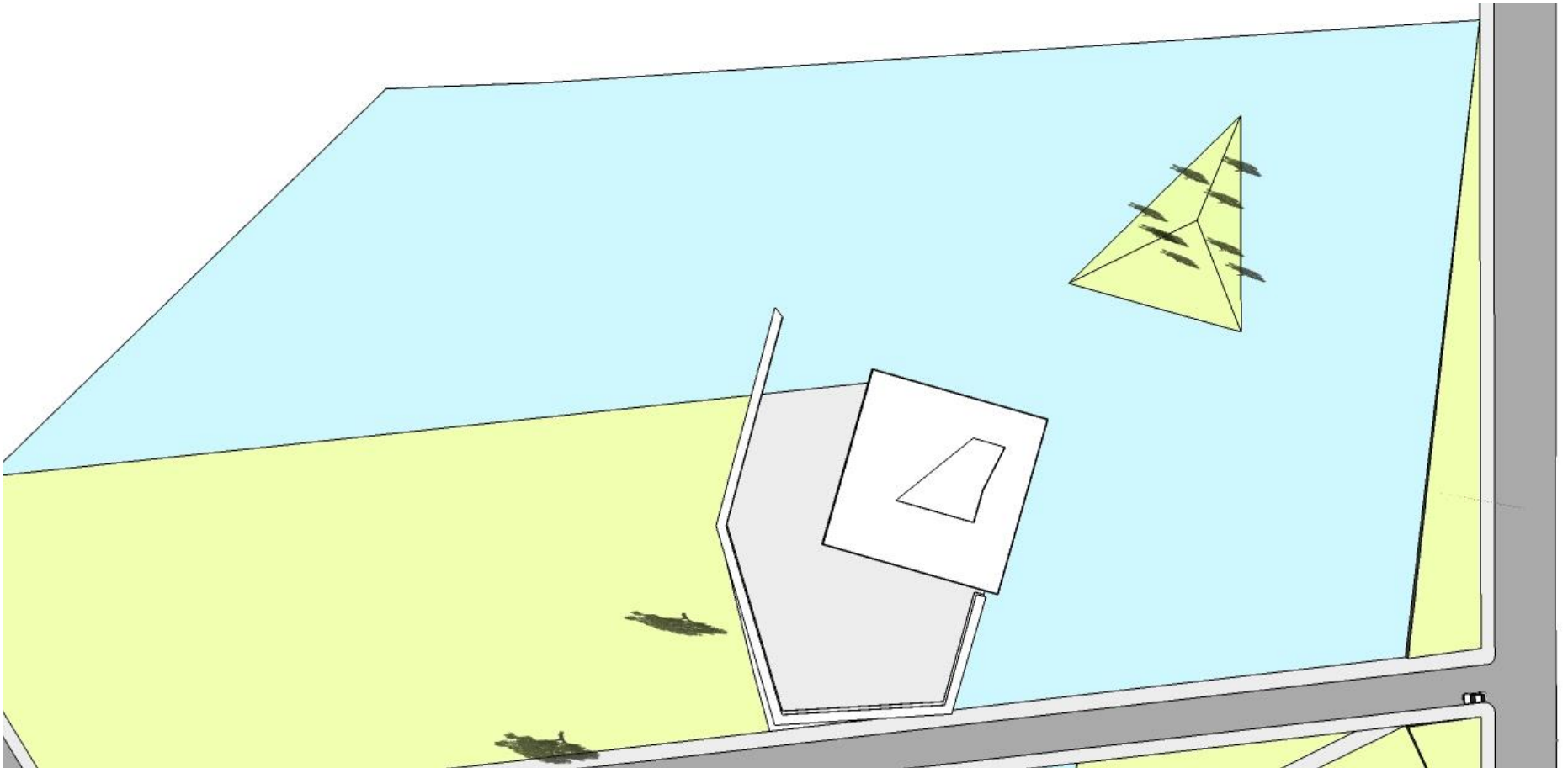




Platform dasar dengan bentuk persegi 5, jumlah shalat dalam 1 hari

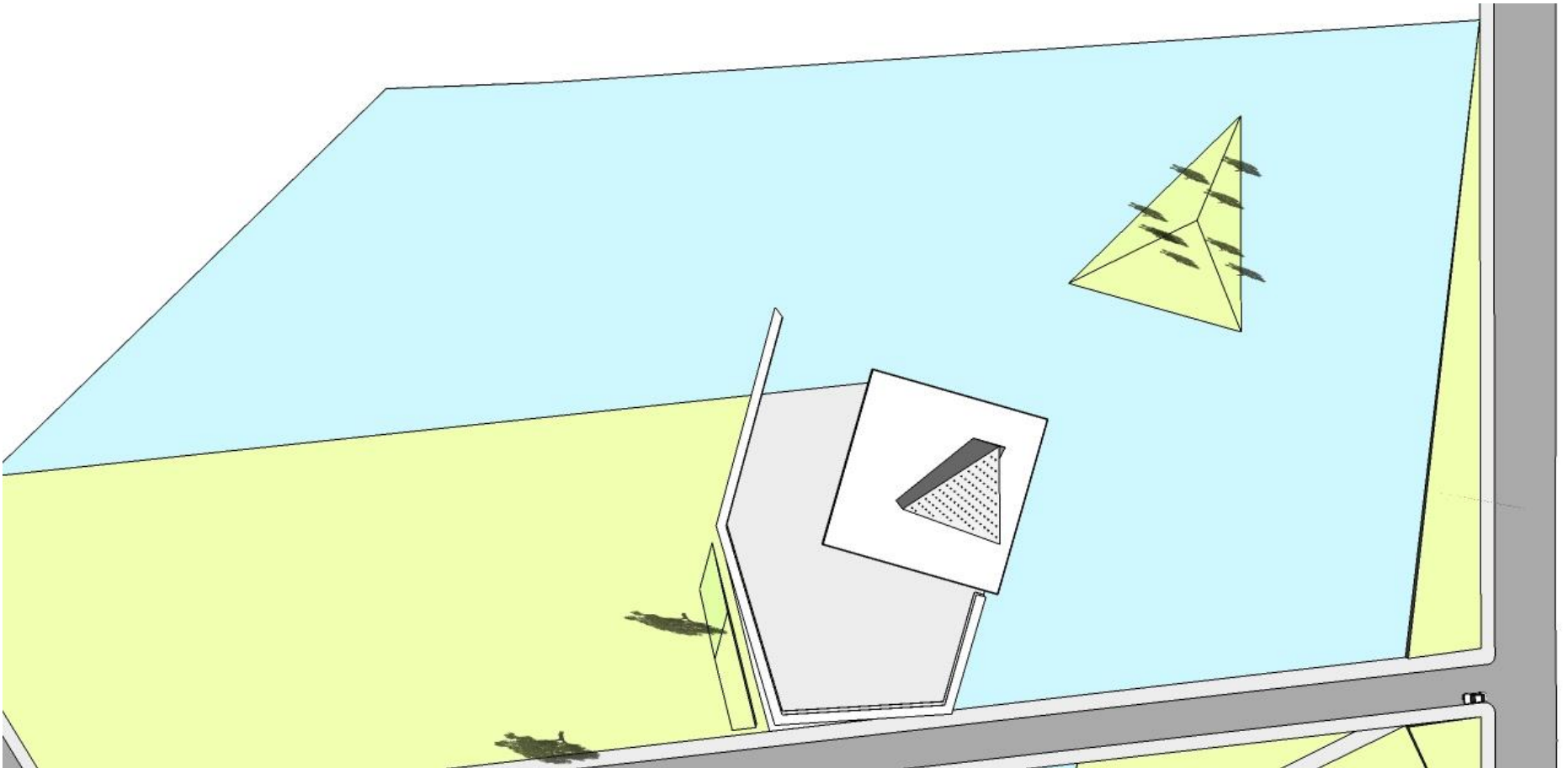


Platform masjid dengan 34mx34m, jumlah sujud dalam 1 hari

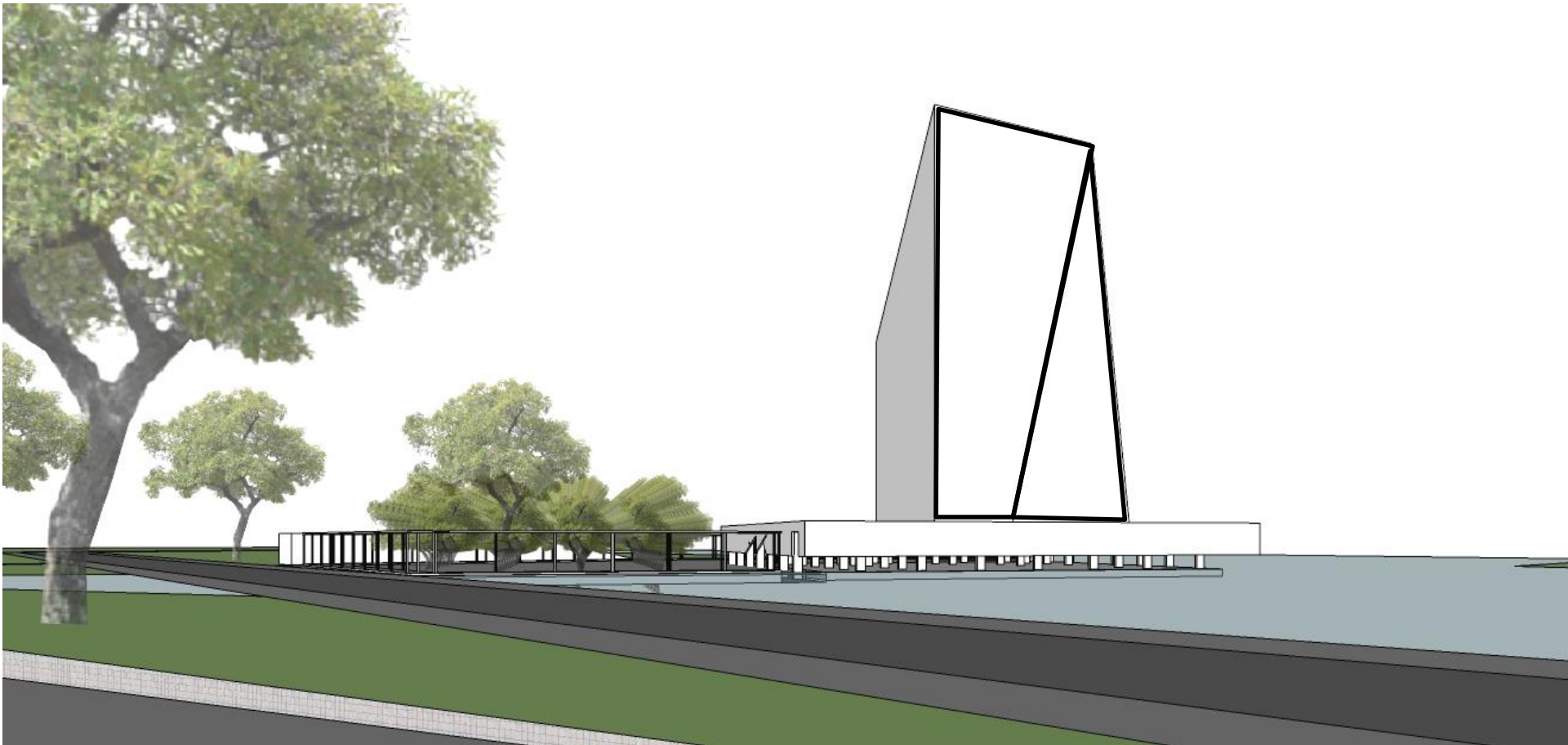


Bentuk dasar tower persegi 5, dengan ukuran dasar 17m, yang merupakan jumlah rakaat shalat

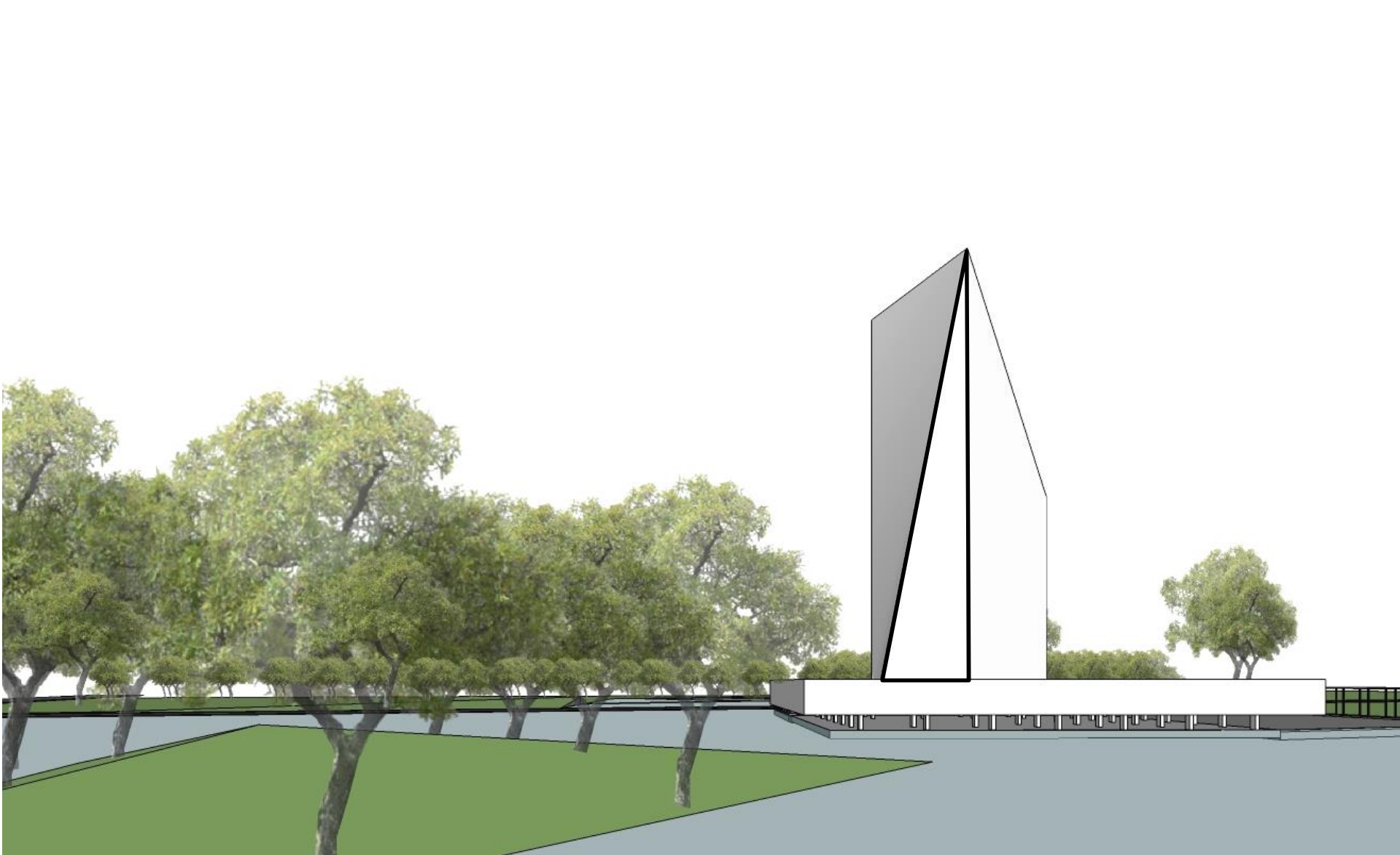




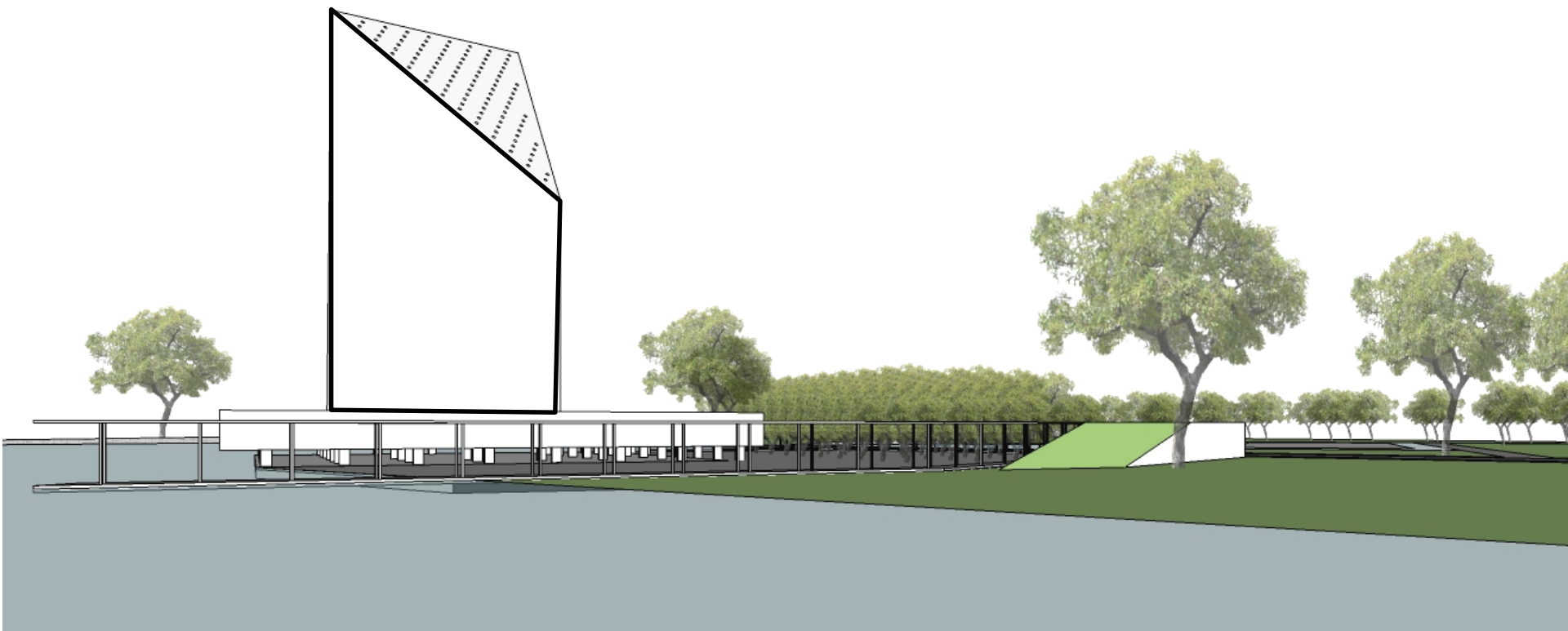
Atap masjid dengan 99 celah, digambarkan dari asmaul husna



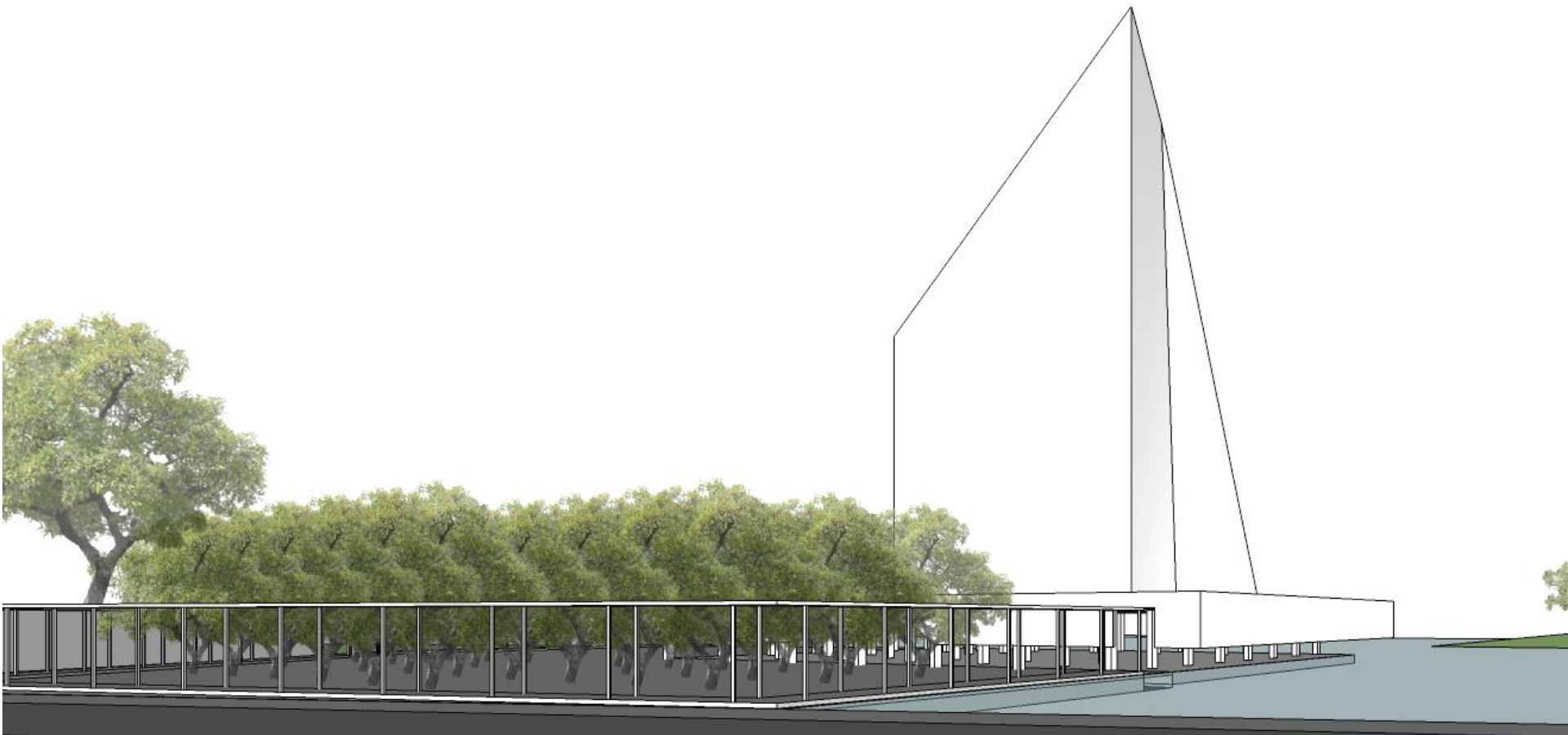
Tertampak 2 permukaan yang menggambarkan 2 rakaat pada shalat fardhu subuh



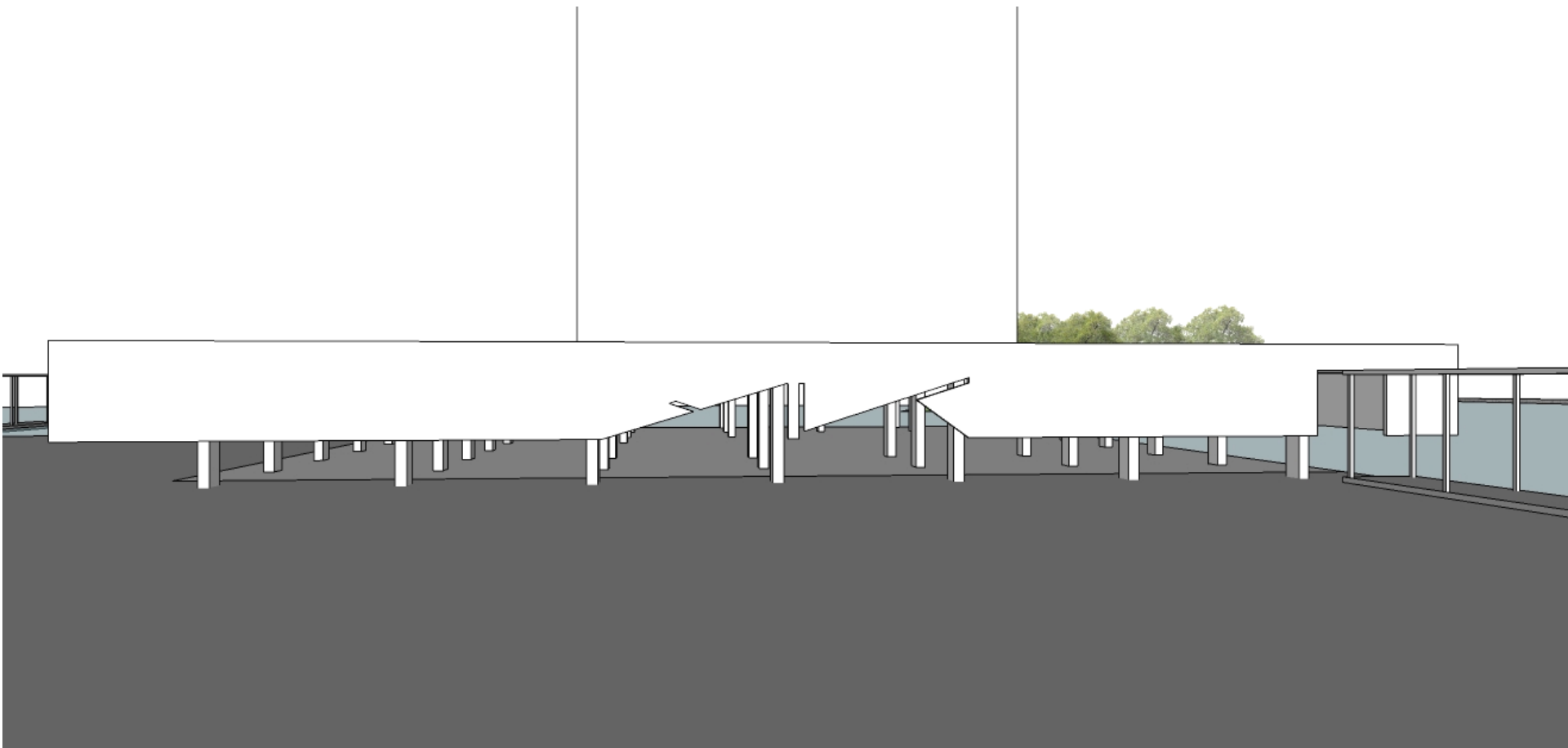
Tertampak 3 sisi yang menggambarkan 3 rakaat pada shalat fardhu magrib



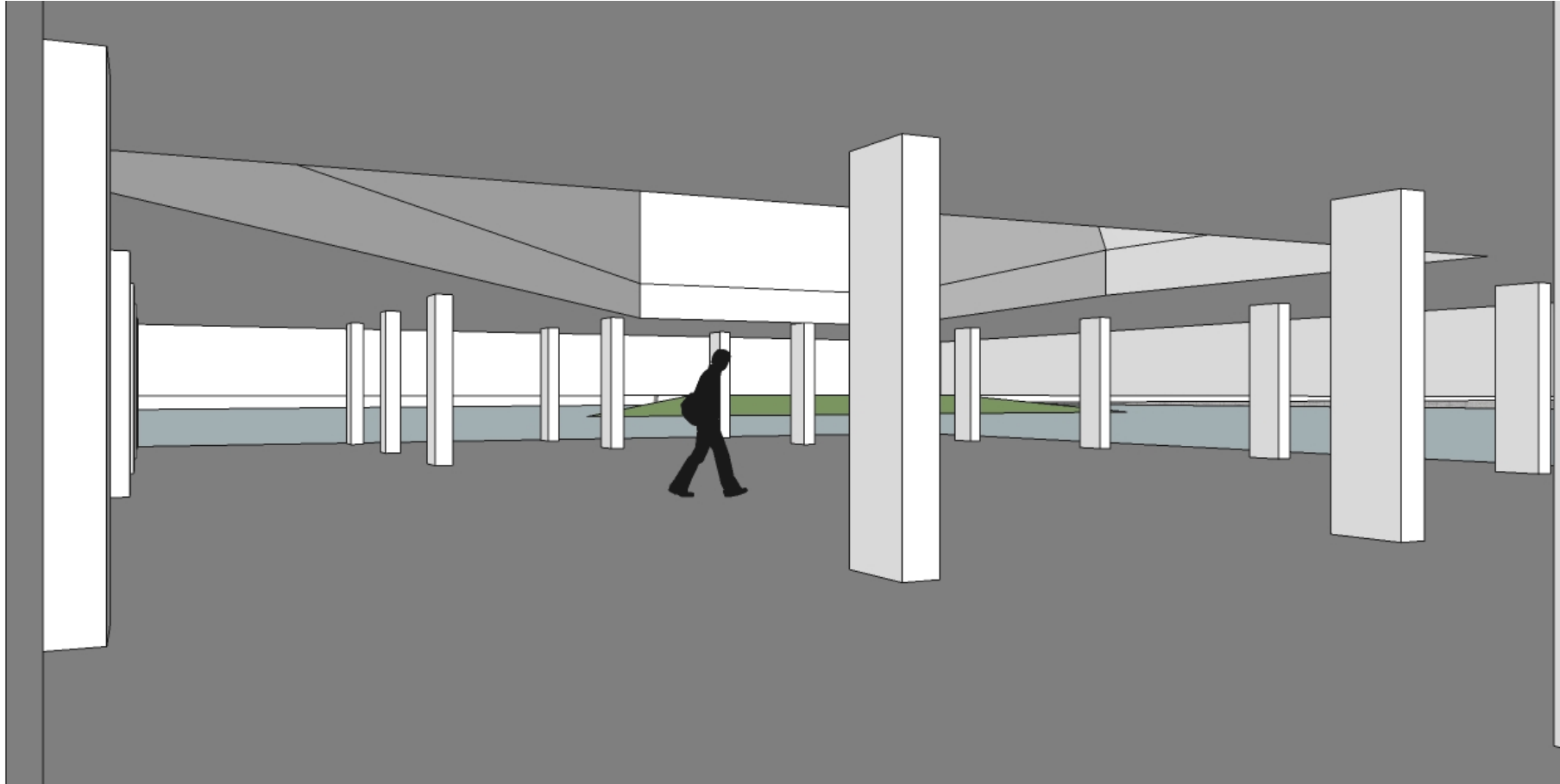
Tertampak 4 sisi yang menggambarkan 4 rakaat pada shalat fardhu dzuhur, ashar dan isya



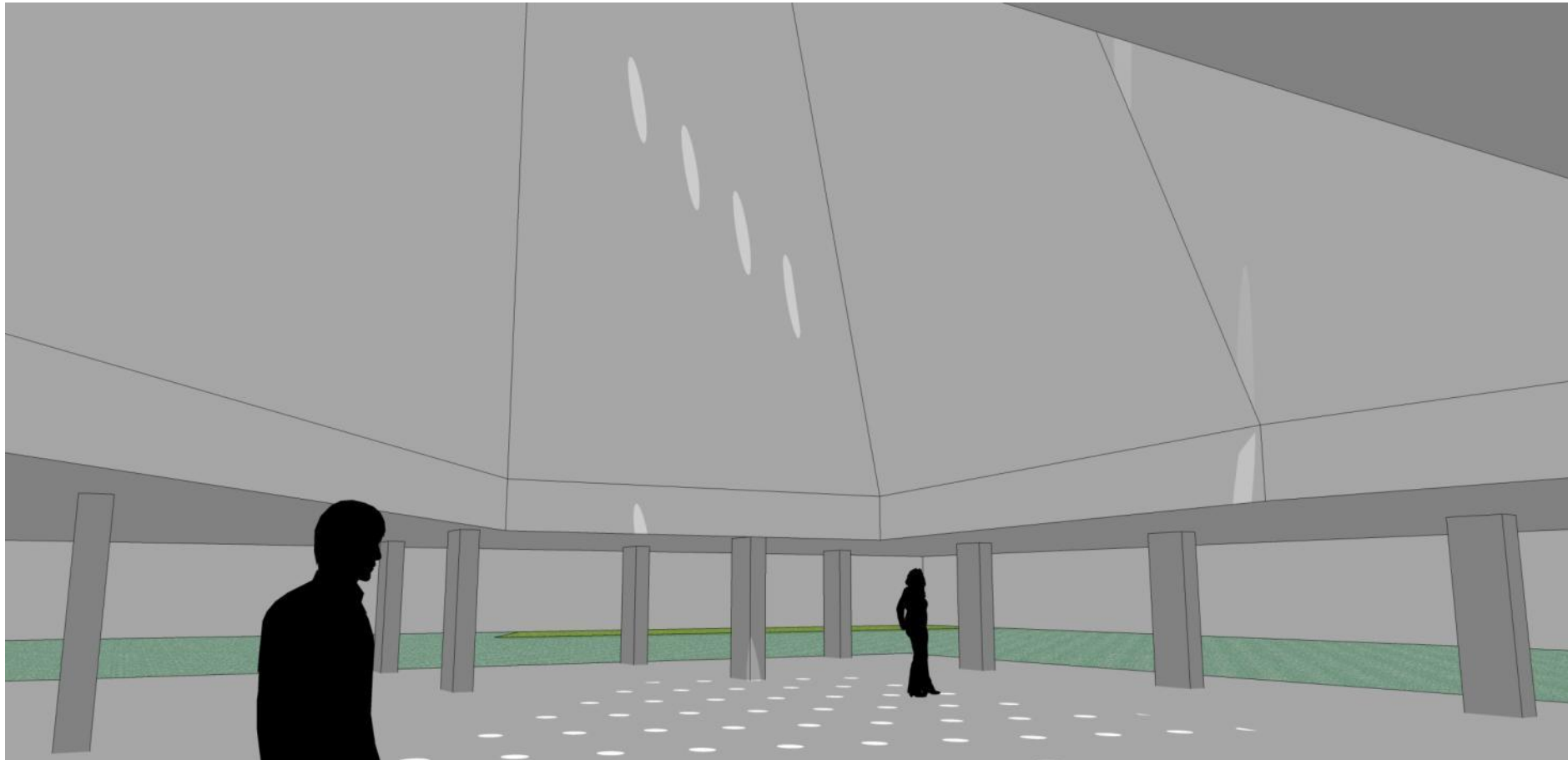
Masjid dibuat tinggi berdiri sendiri menunjukan Ke-Esa-an Allah. Dengan tinggi 30m



Pintu masuk masjid yang menggambarkan sikap tunduk dan takut kita akan kuasa Allah



Area dalam masjid juga dibuat rendah dengan ketinggian 2400, namun dengan cahaya dan udara mengalir dari keempat sisi



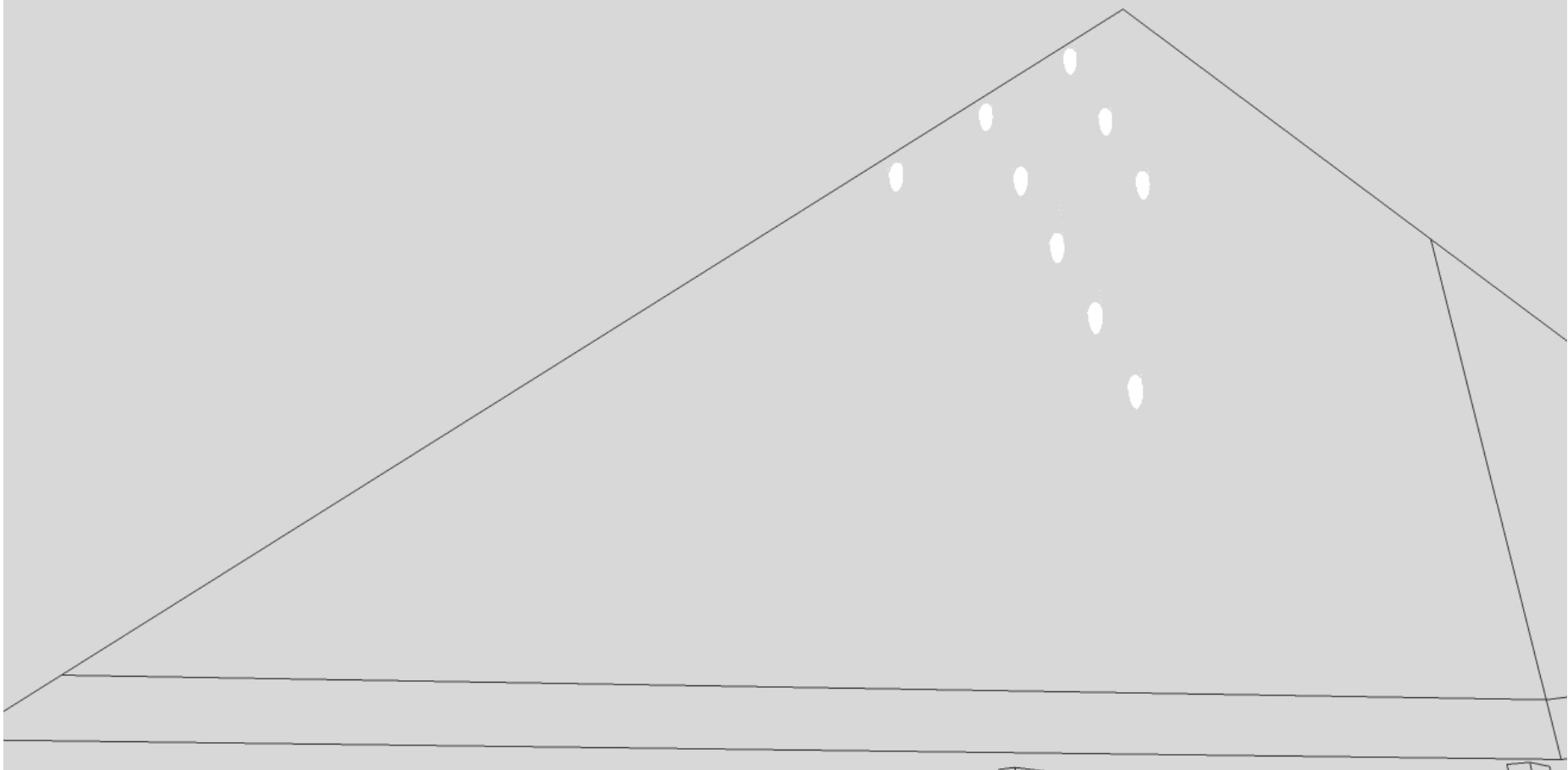
Dan kita akan merasakan kuasa dan keAgungannya ketika kita lebih masuk dan merasakan kedalam



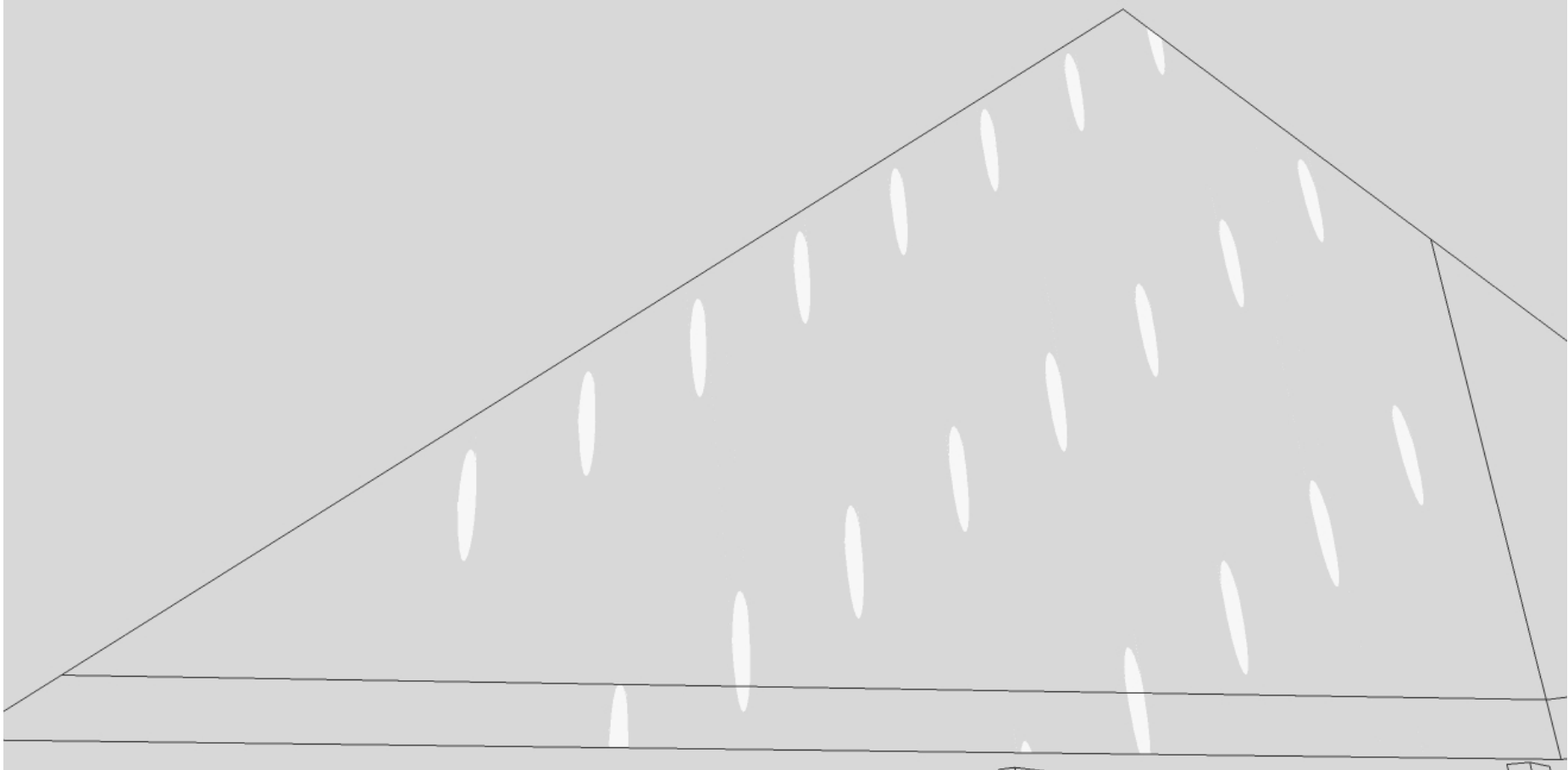


Susunan pepohonan berjajar mengikuti saf yang memberi kesejukan bagi jamaah masjid

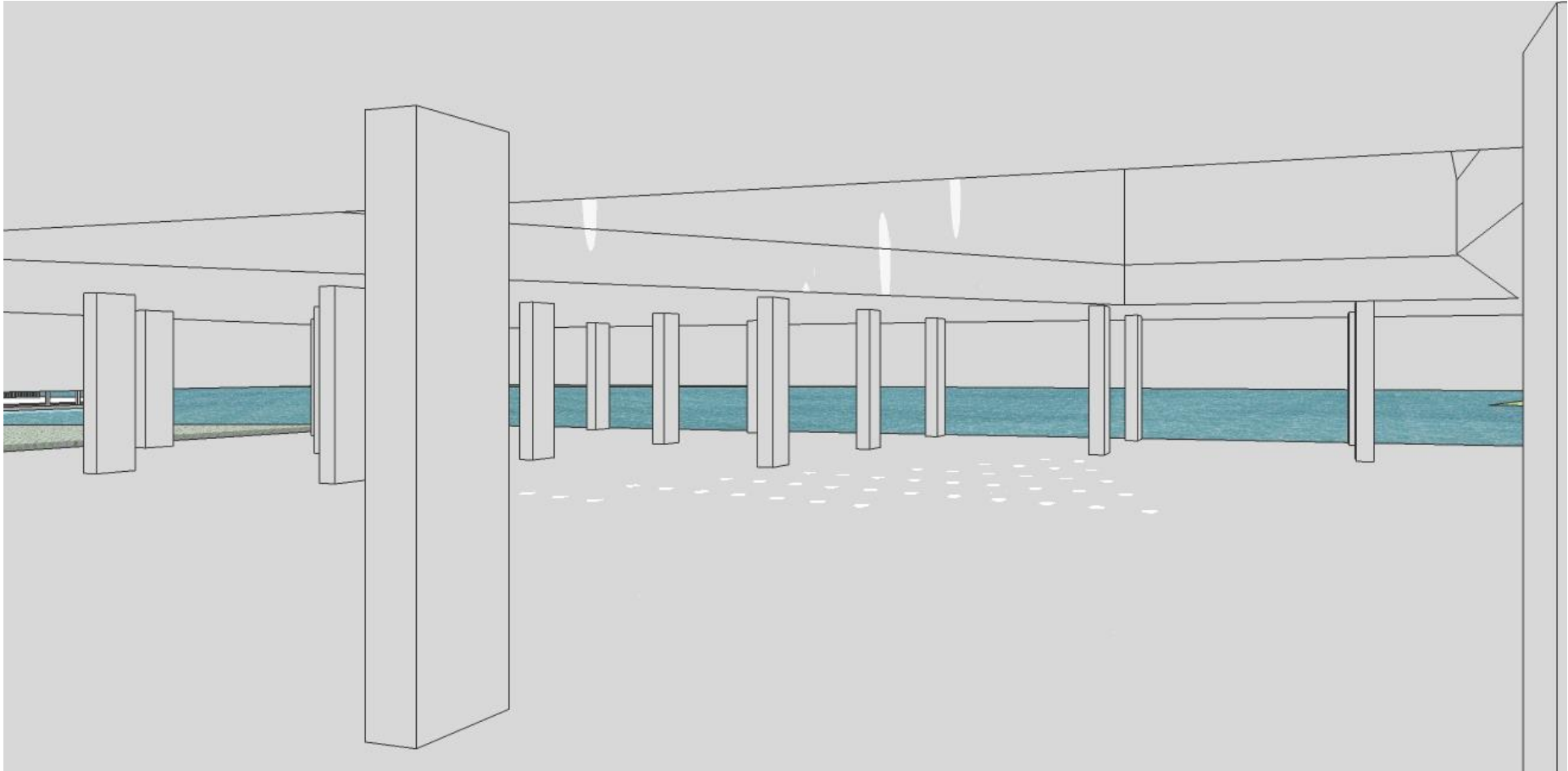
s t u d i  
p e n c a h a y a a n



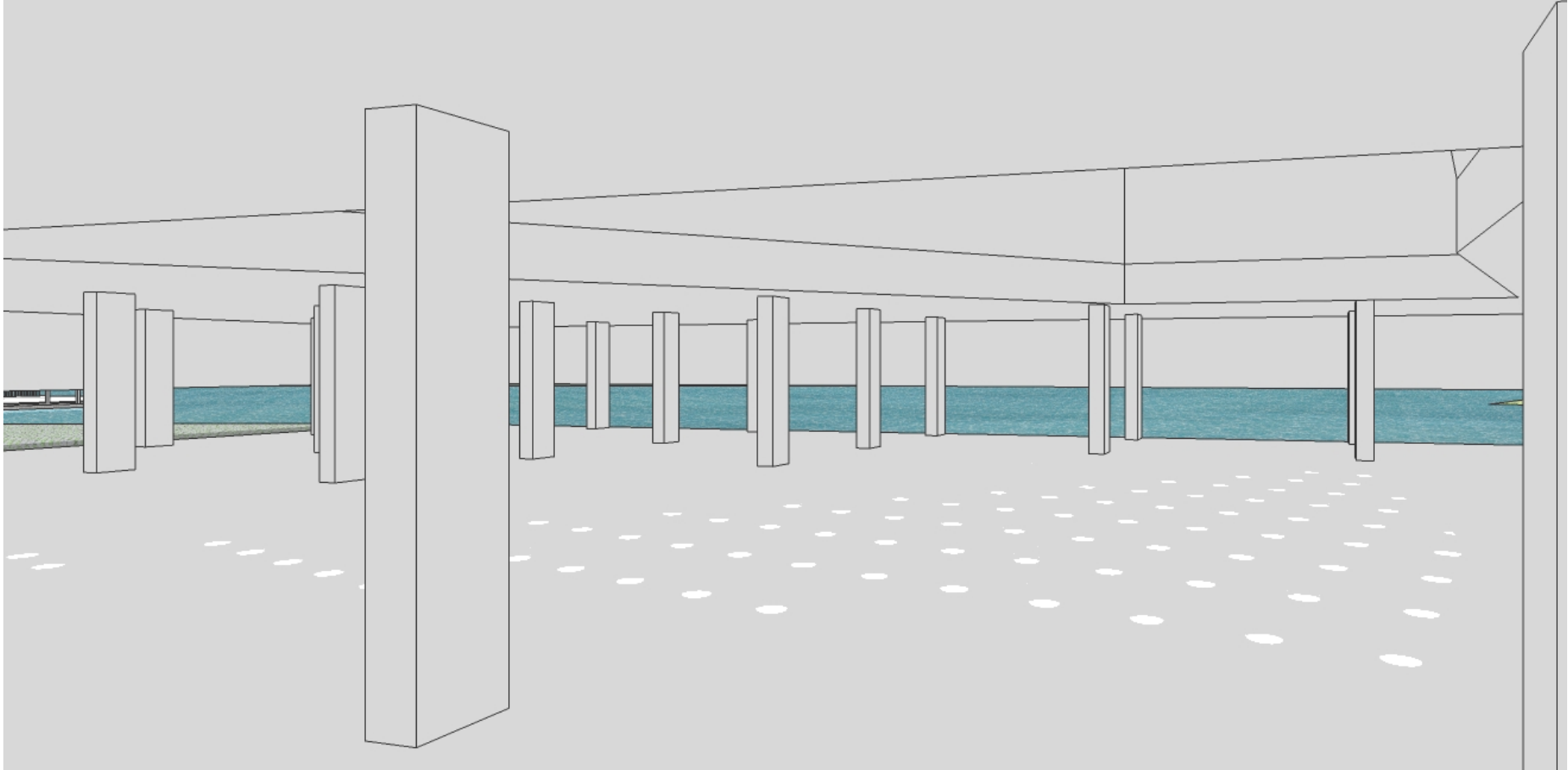
Pukul 09.00



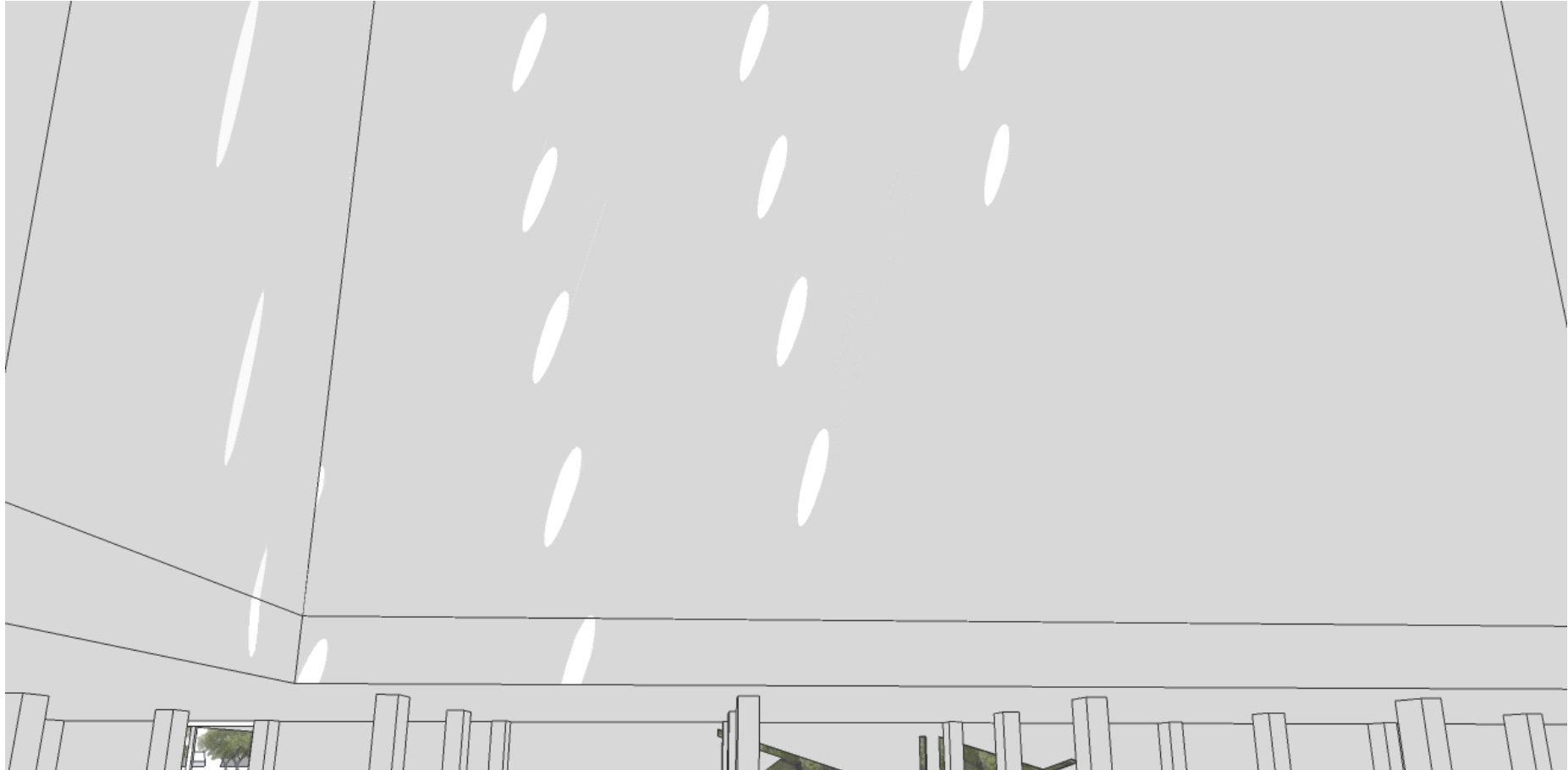
Pukul 10.00



Pukul 11.00



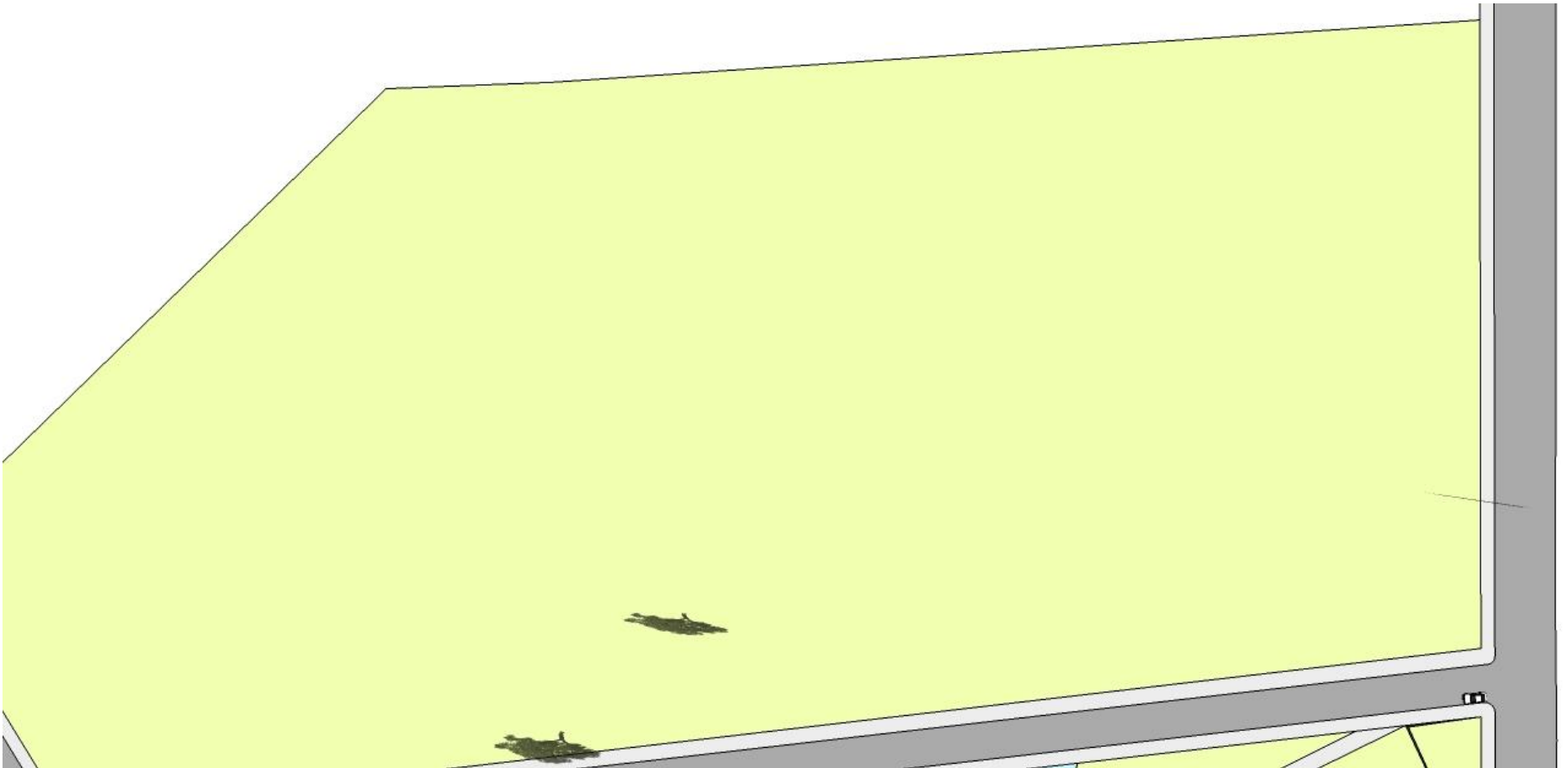
Pukul 12.00



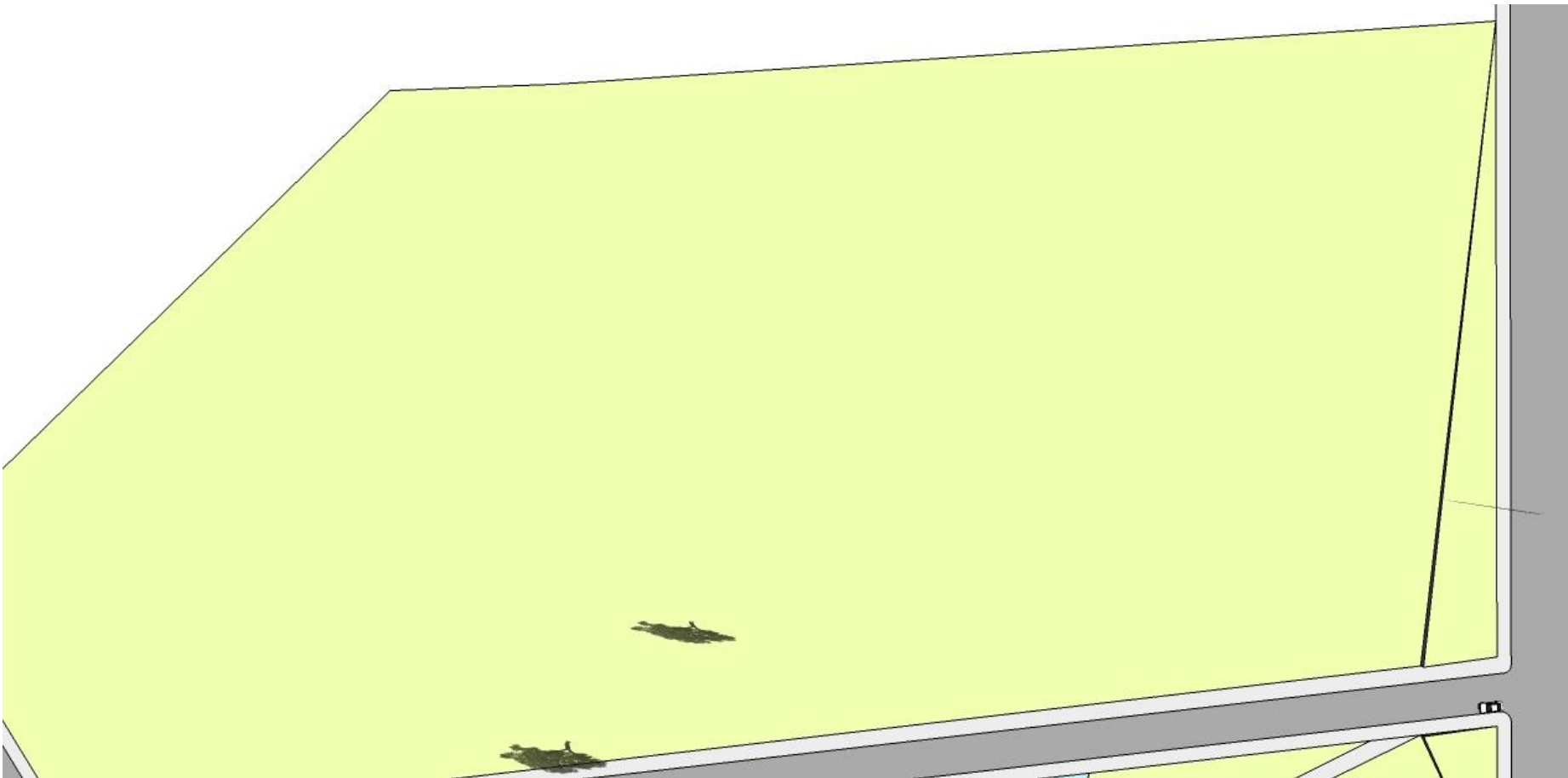
Pukul 13.00

s t u d i  
d e s a i n

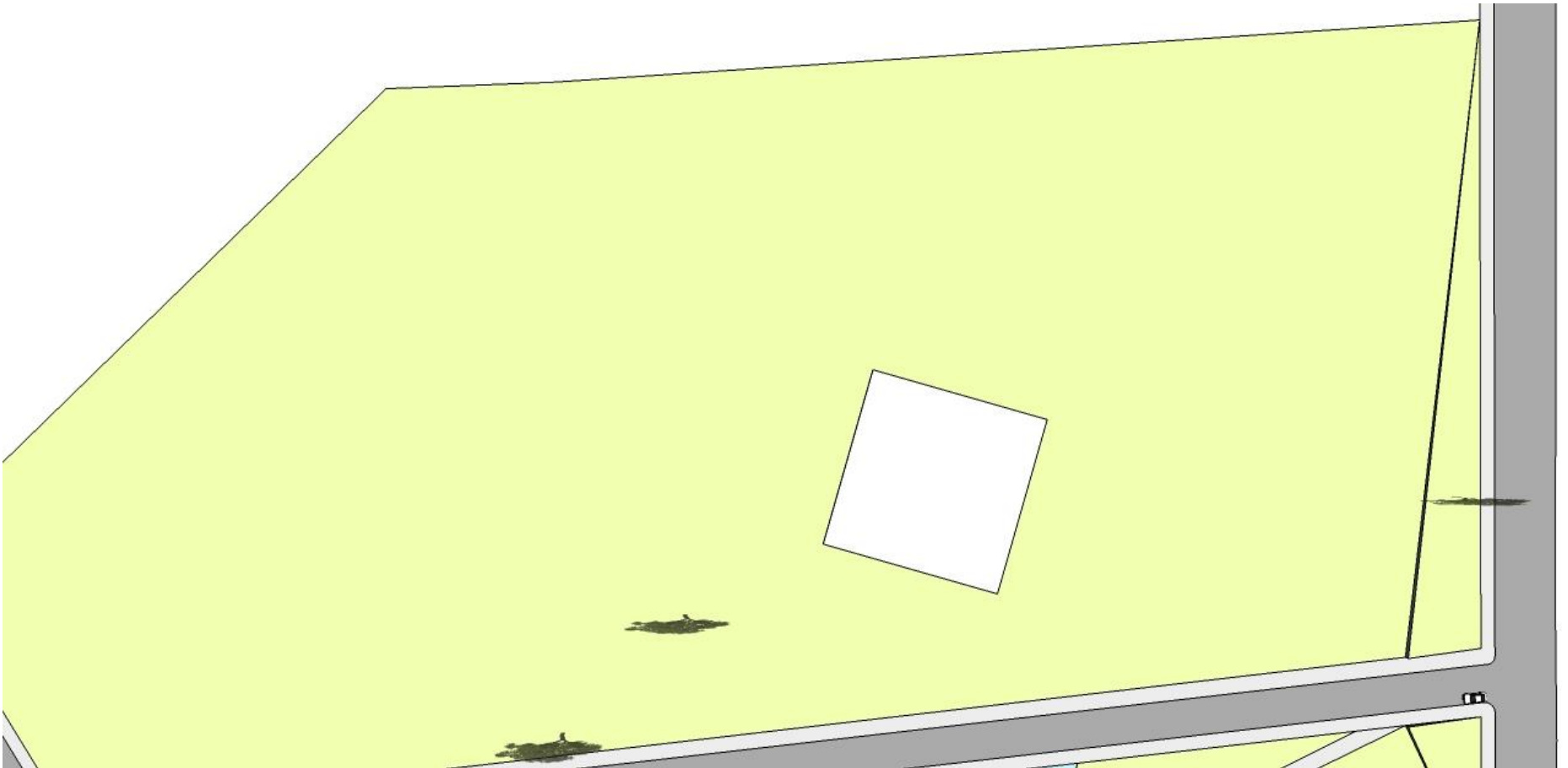




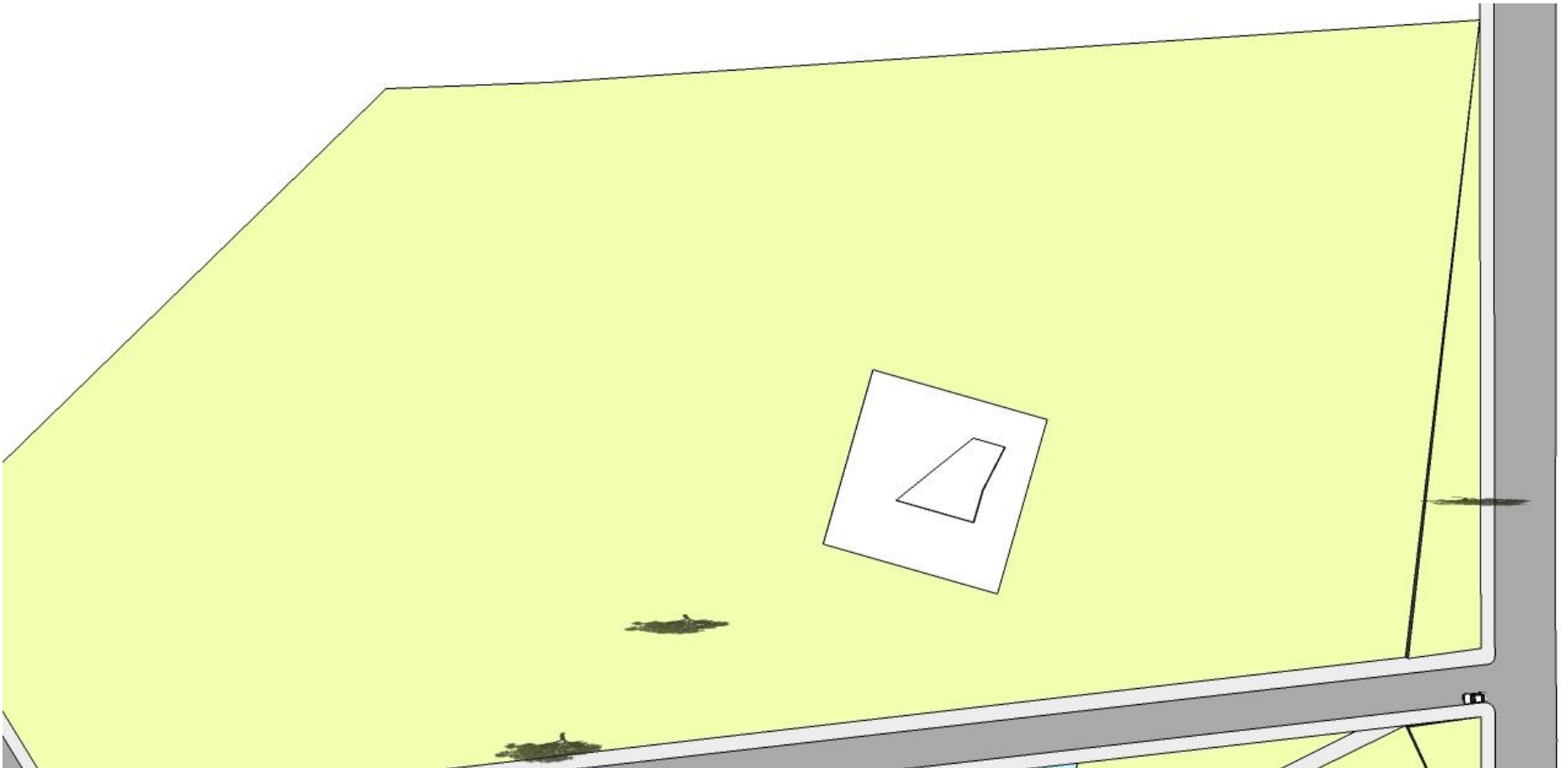
site



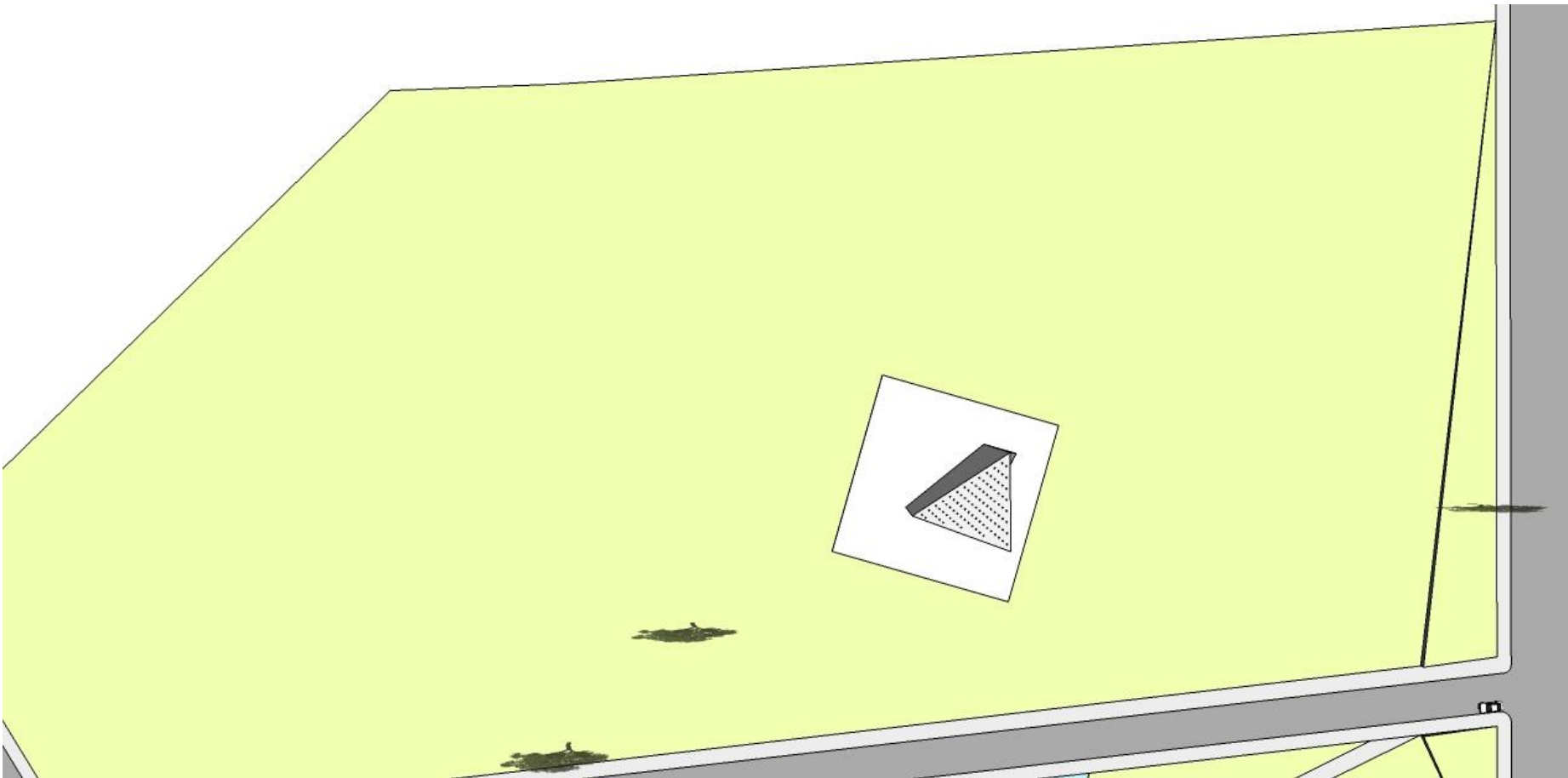
Pintu gerbang



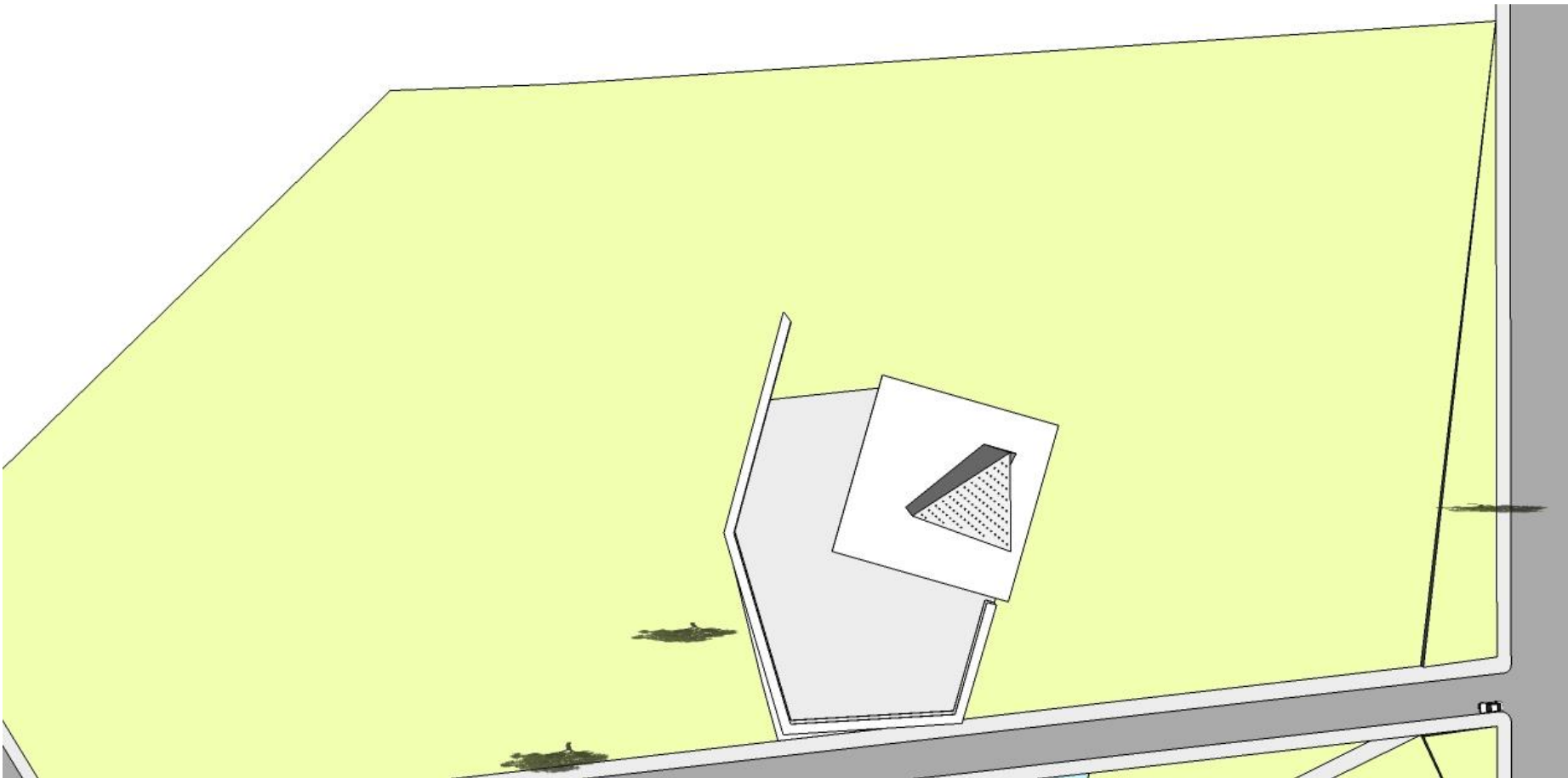
Platform masjid



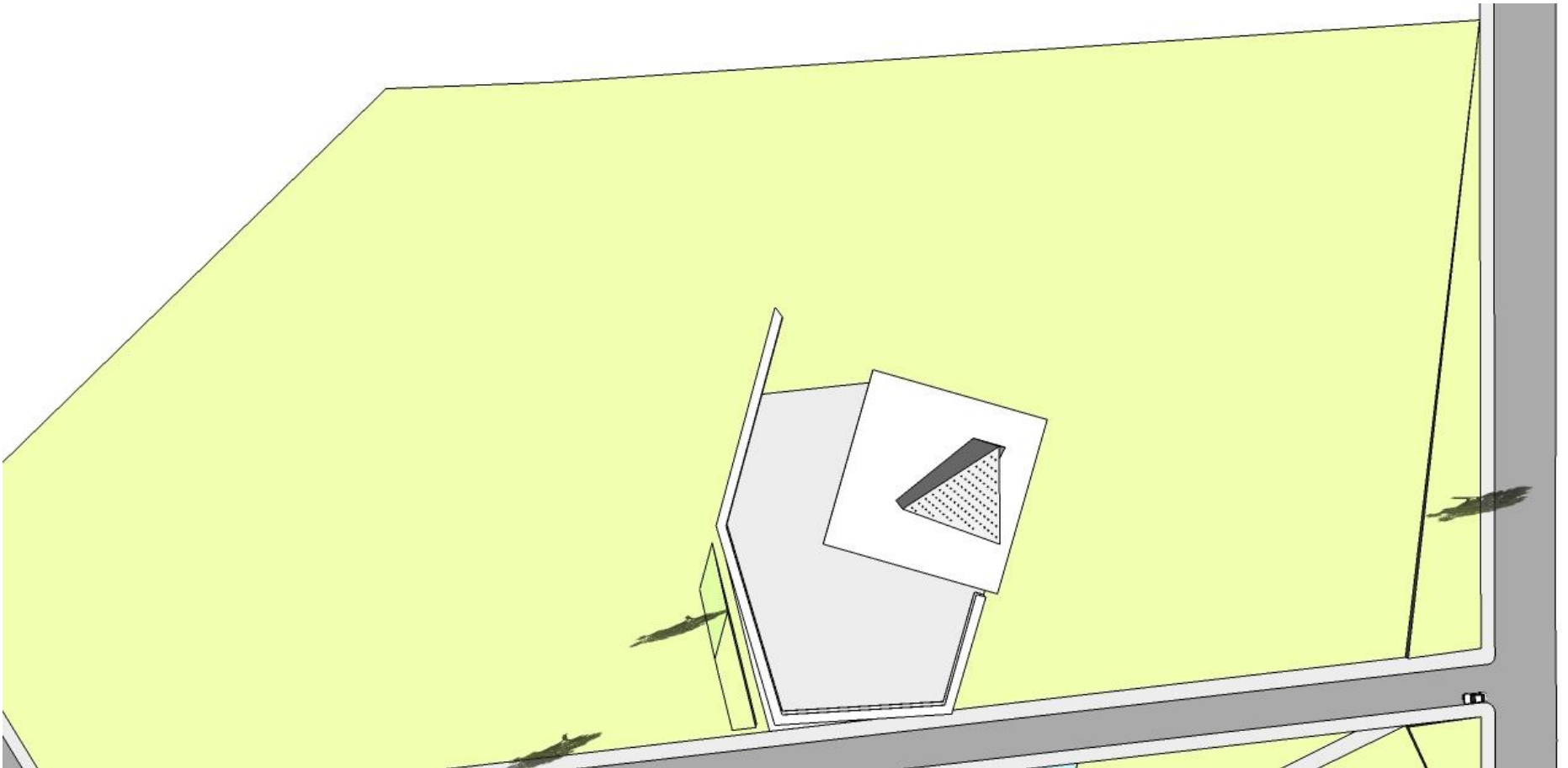
Platform tower



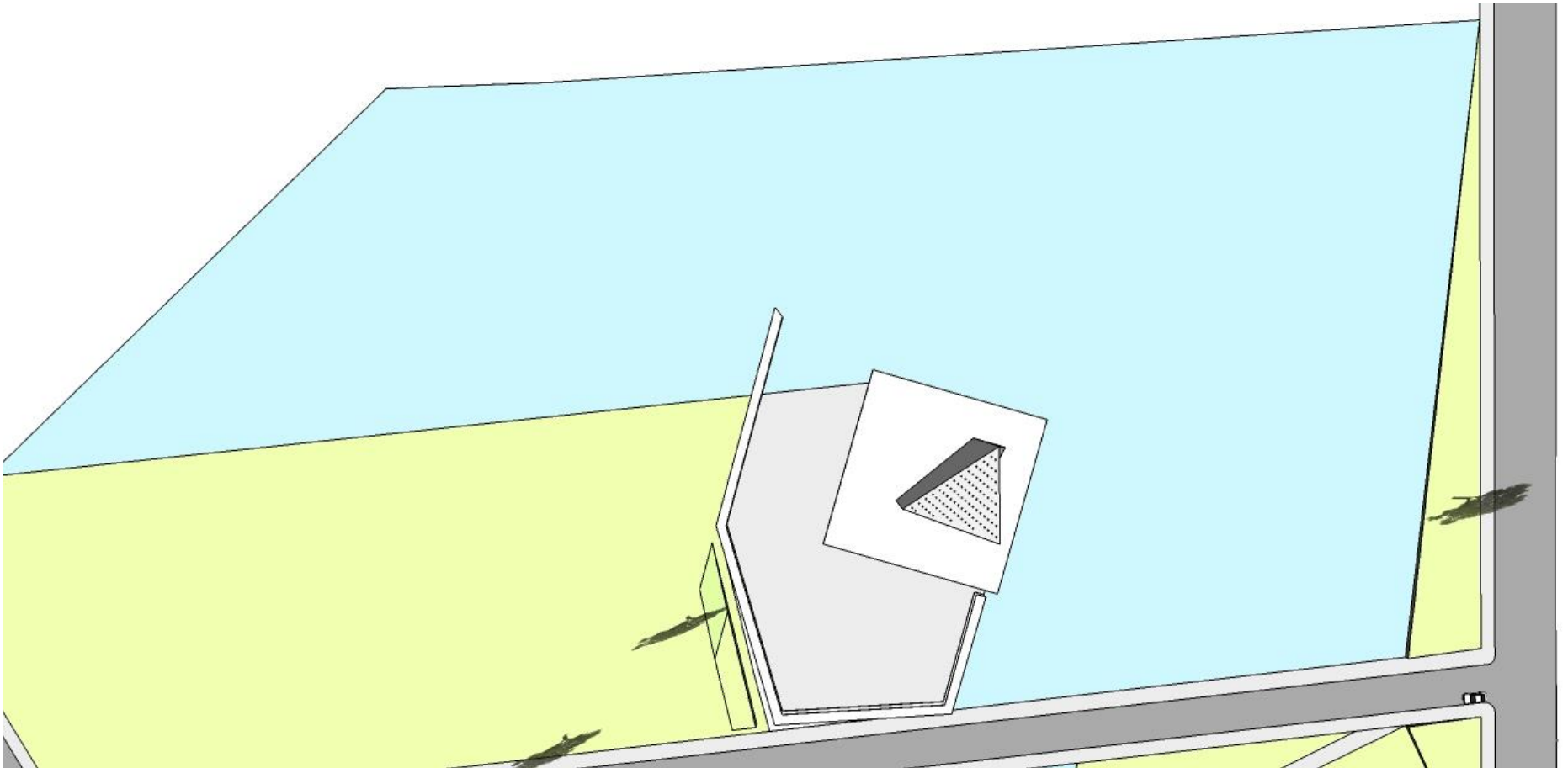
Atap masjid



Area masjid

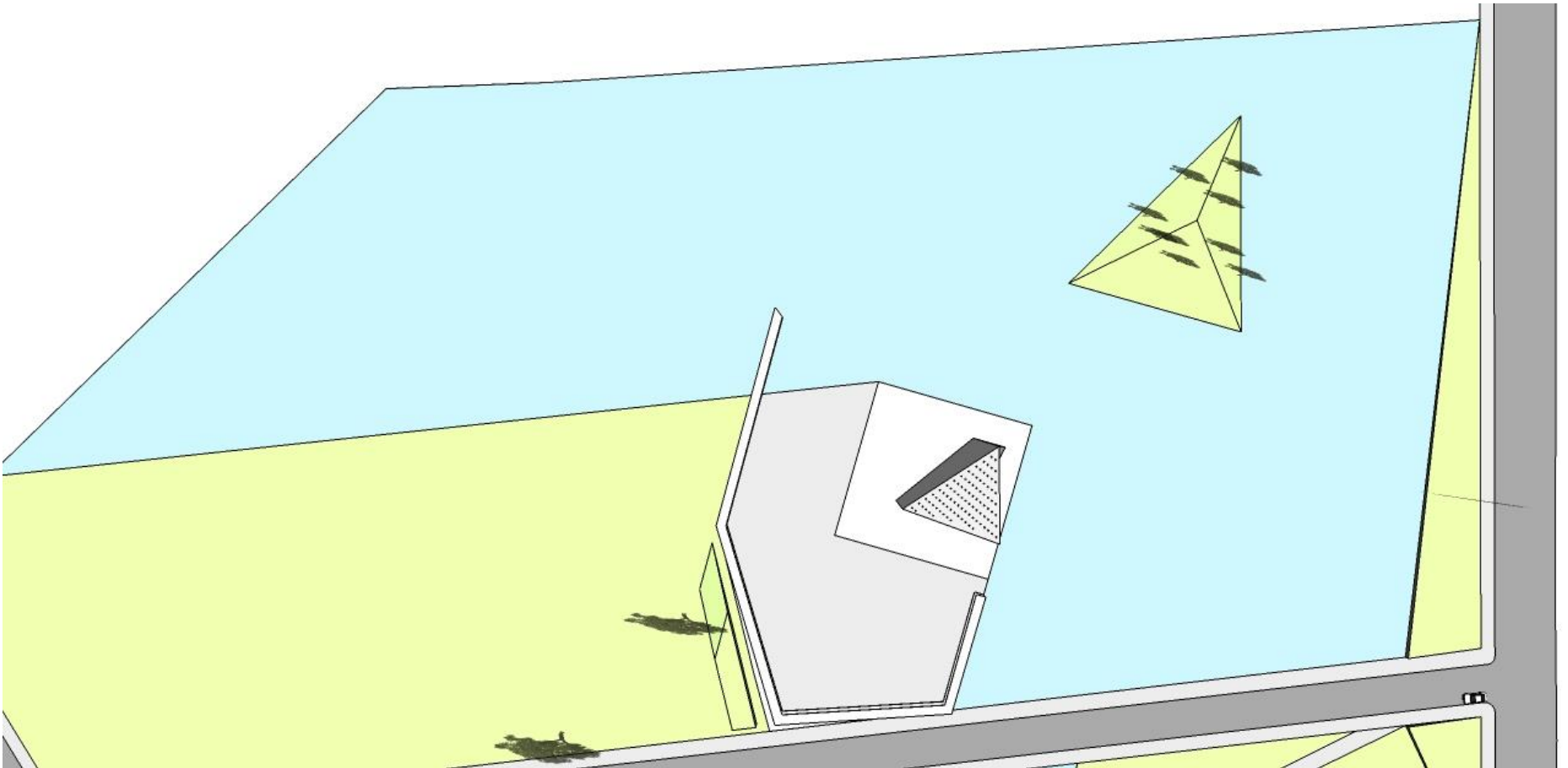


Ruang wudhu dan service

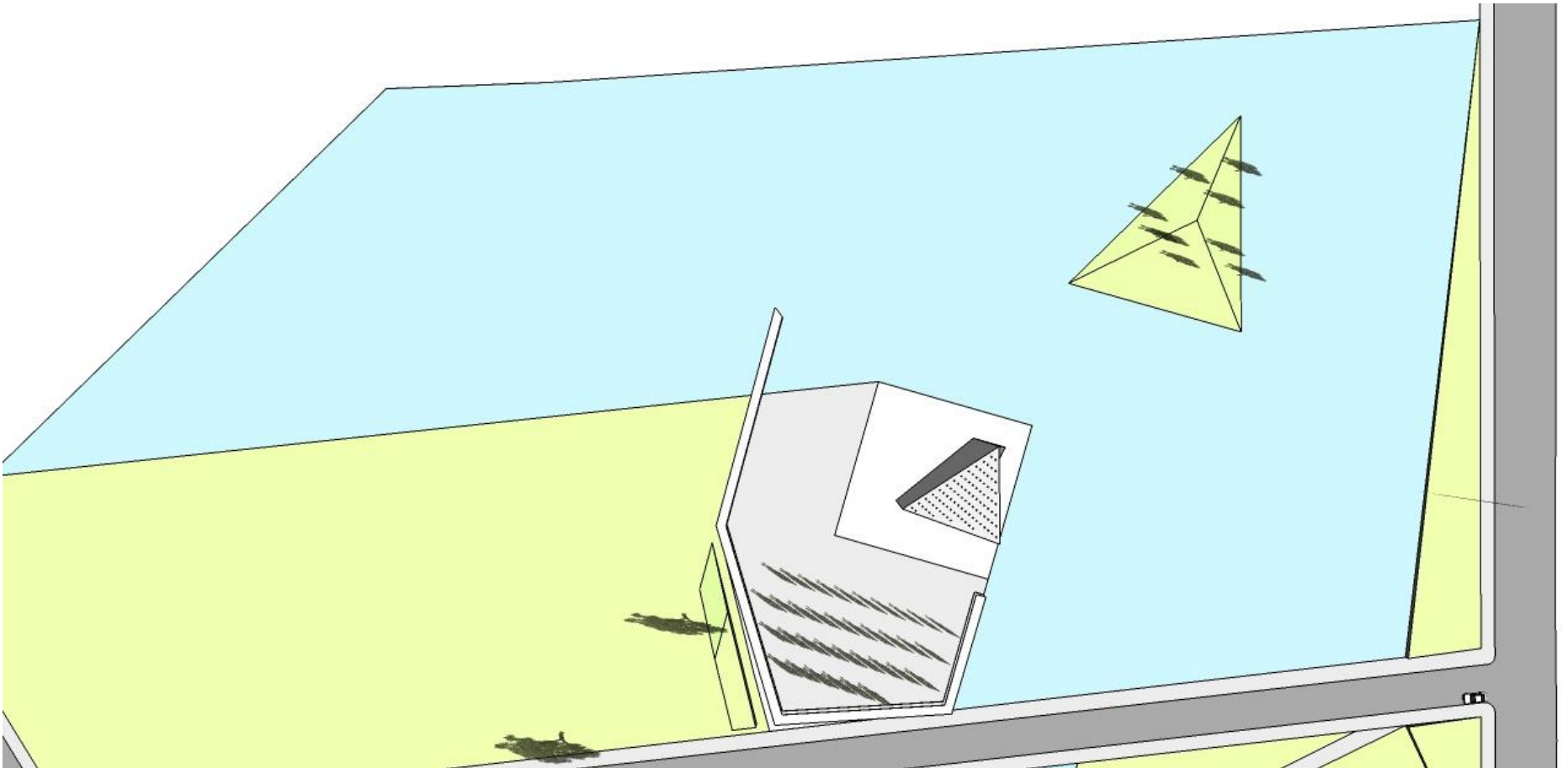


Pond mengitari masjid



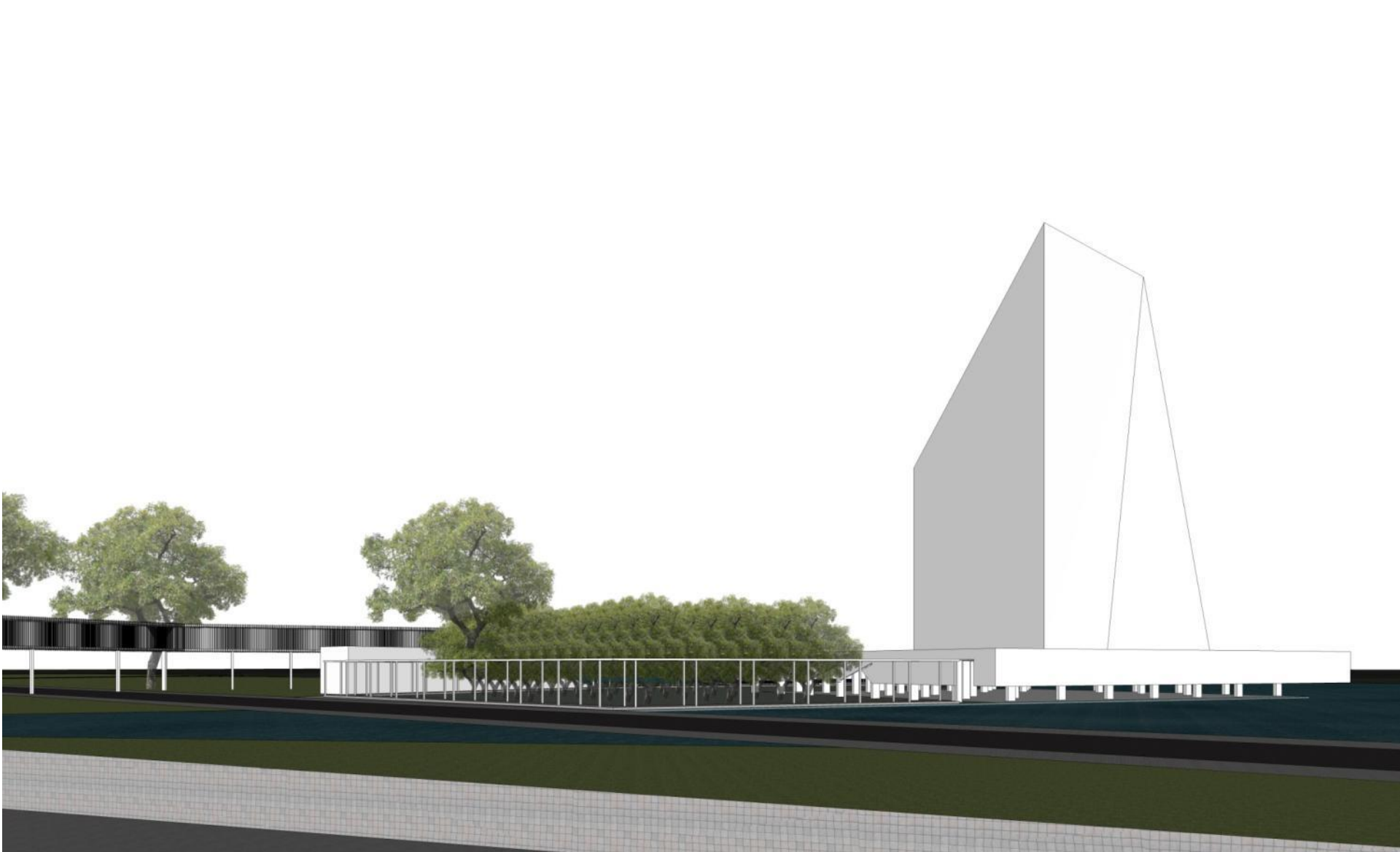


Diberi pulau buatan, untuk oase



Pepohonan yang berjajar mengikuti saf

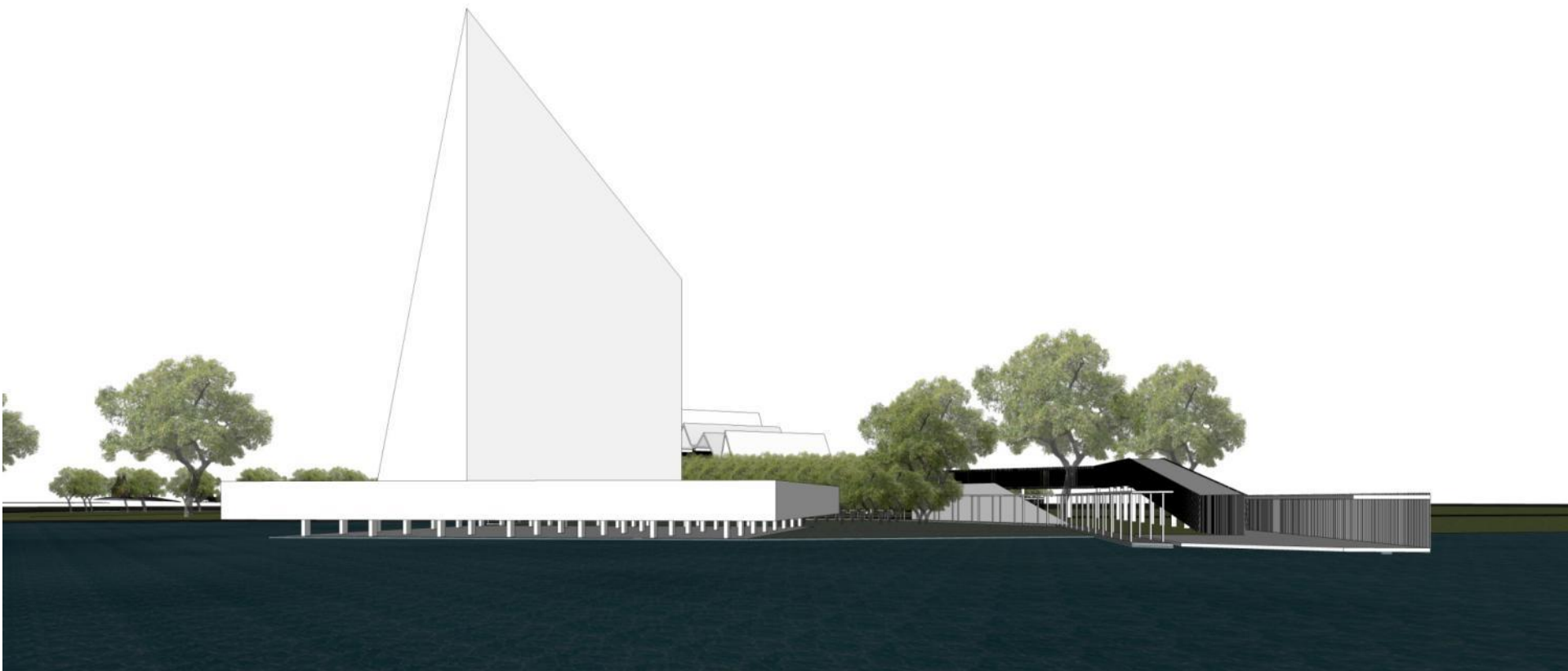
d e s a i n



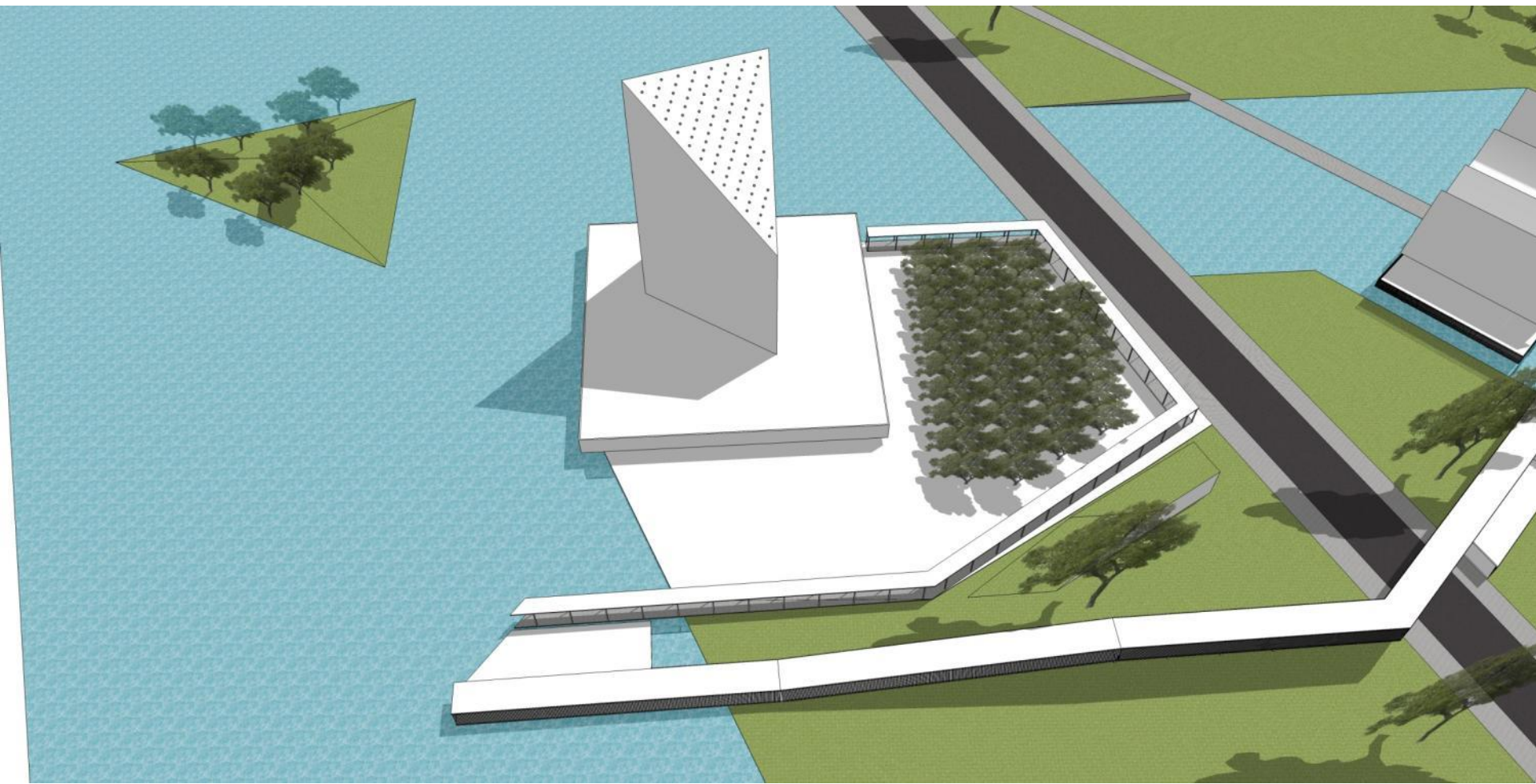
perspektif



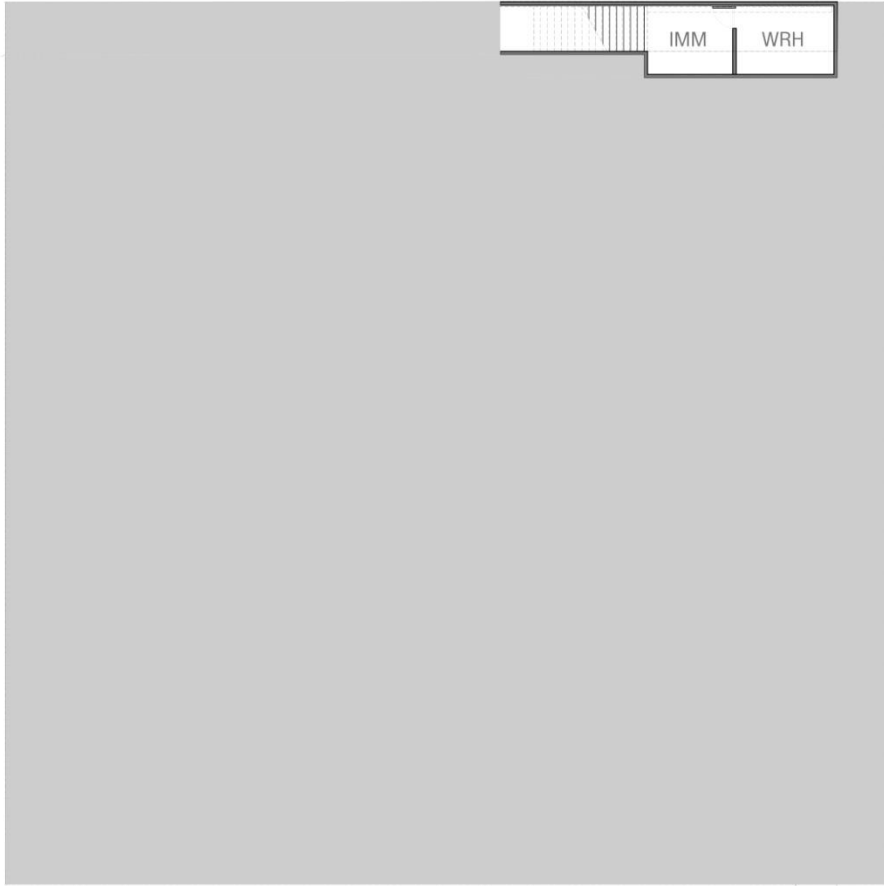
perspektif



perspektif

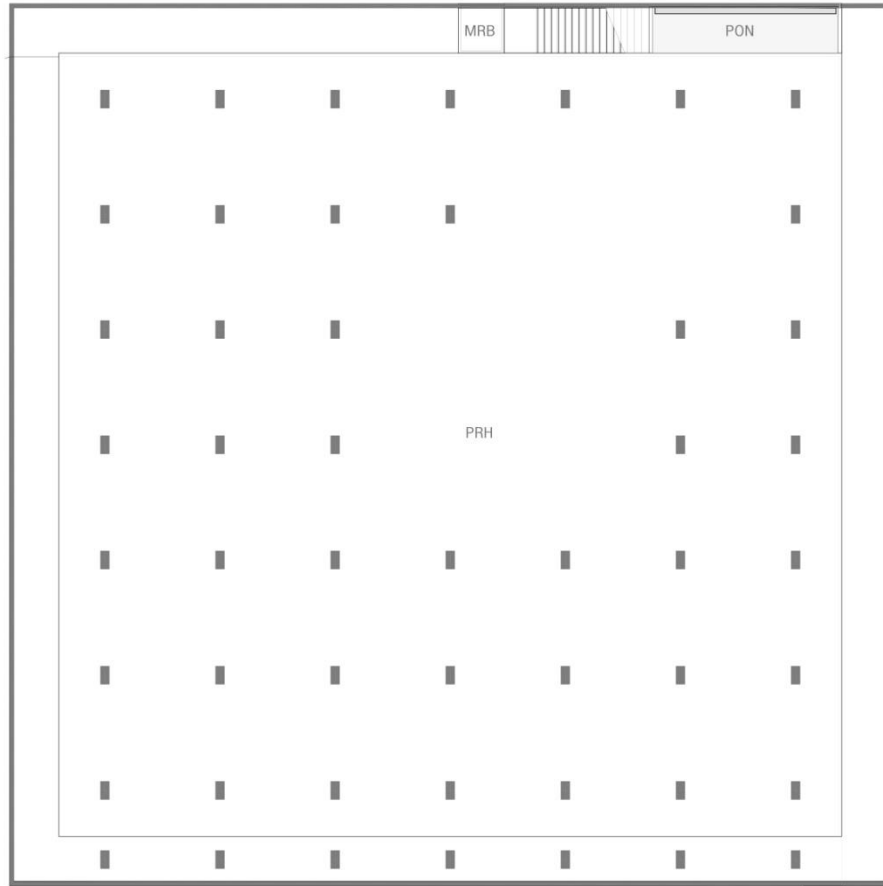


perspektif

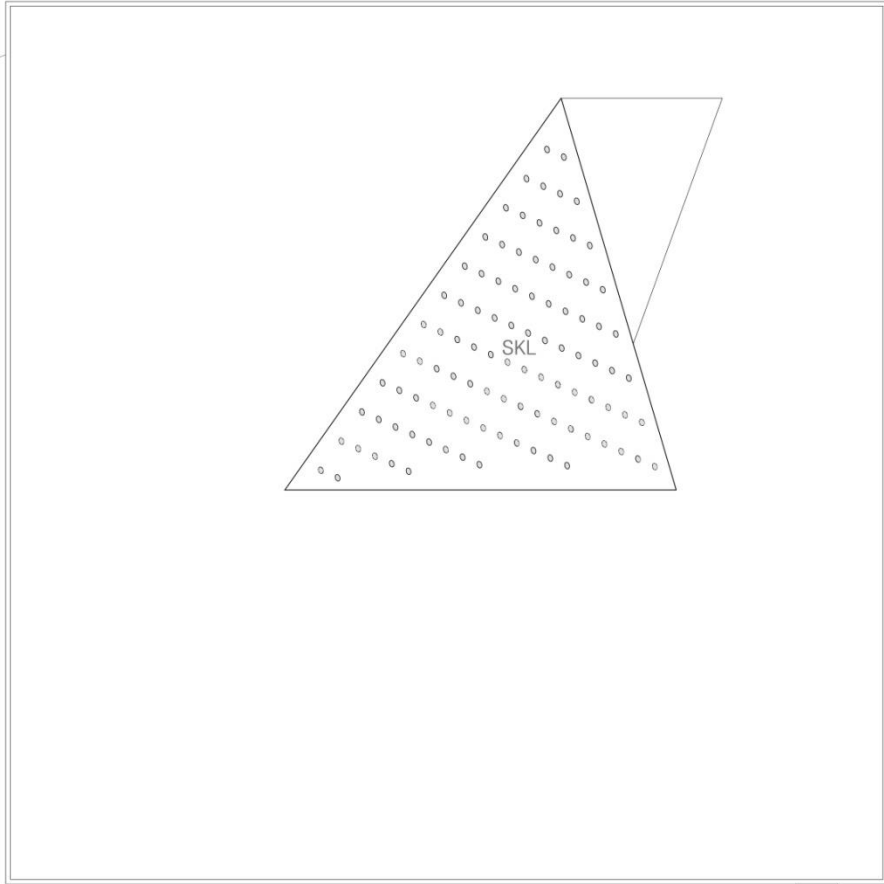


BASEMENT FLOOR

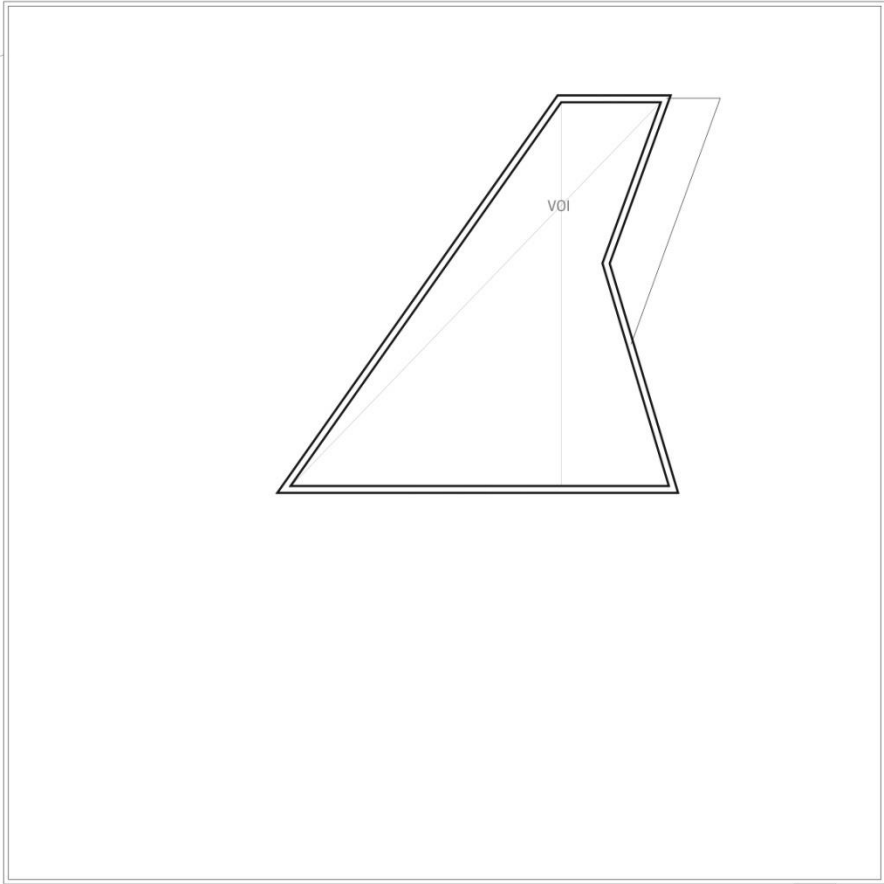




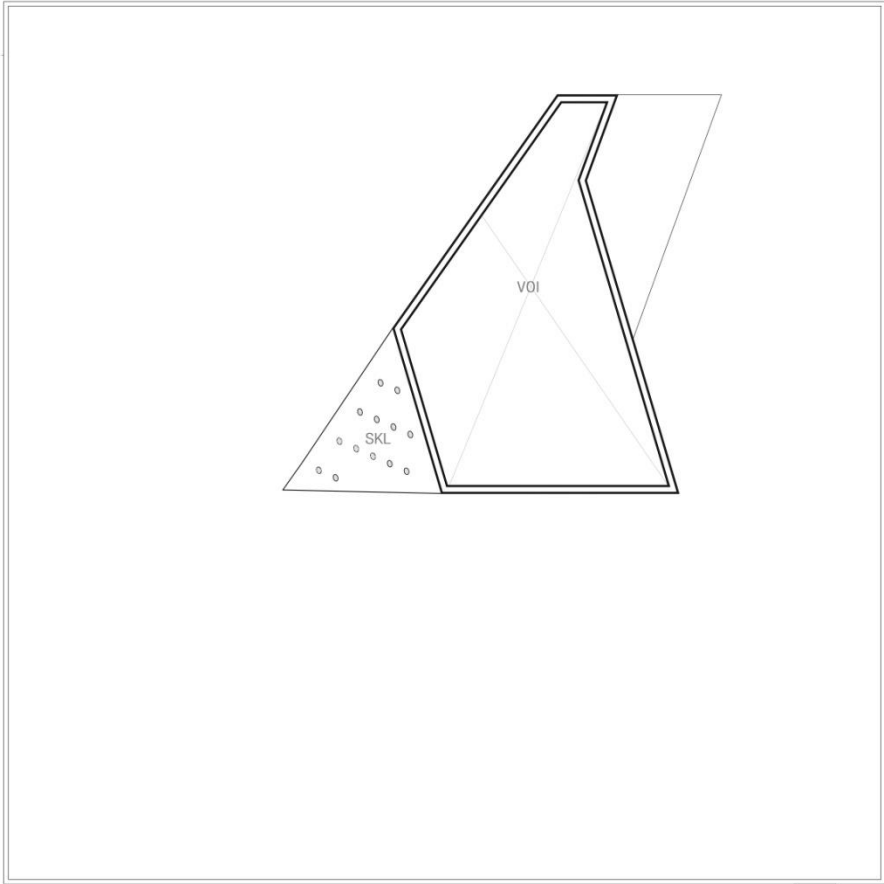
GROUND FLOOR



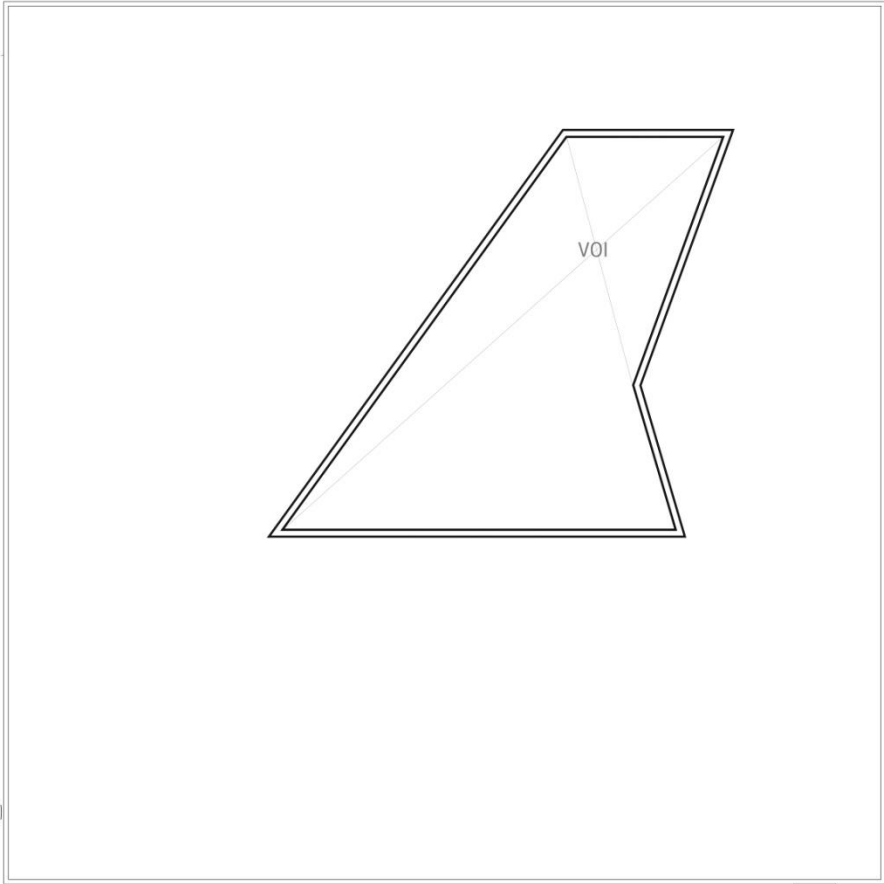
ROOF TOP FLOOR



13,4M LEVEL



23,4M LEVEL



ROOF FLOOR



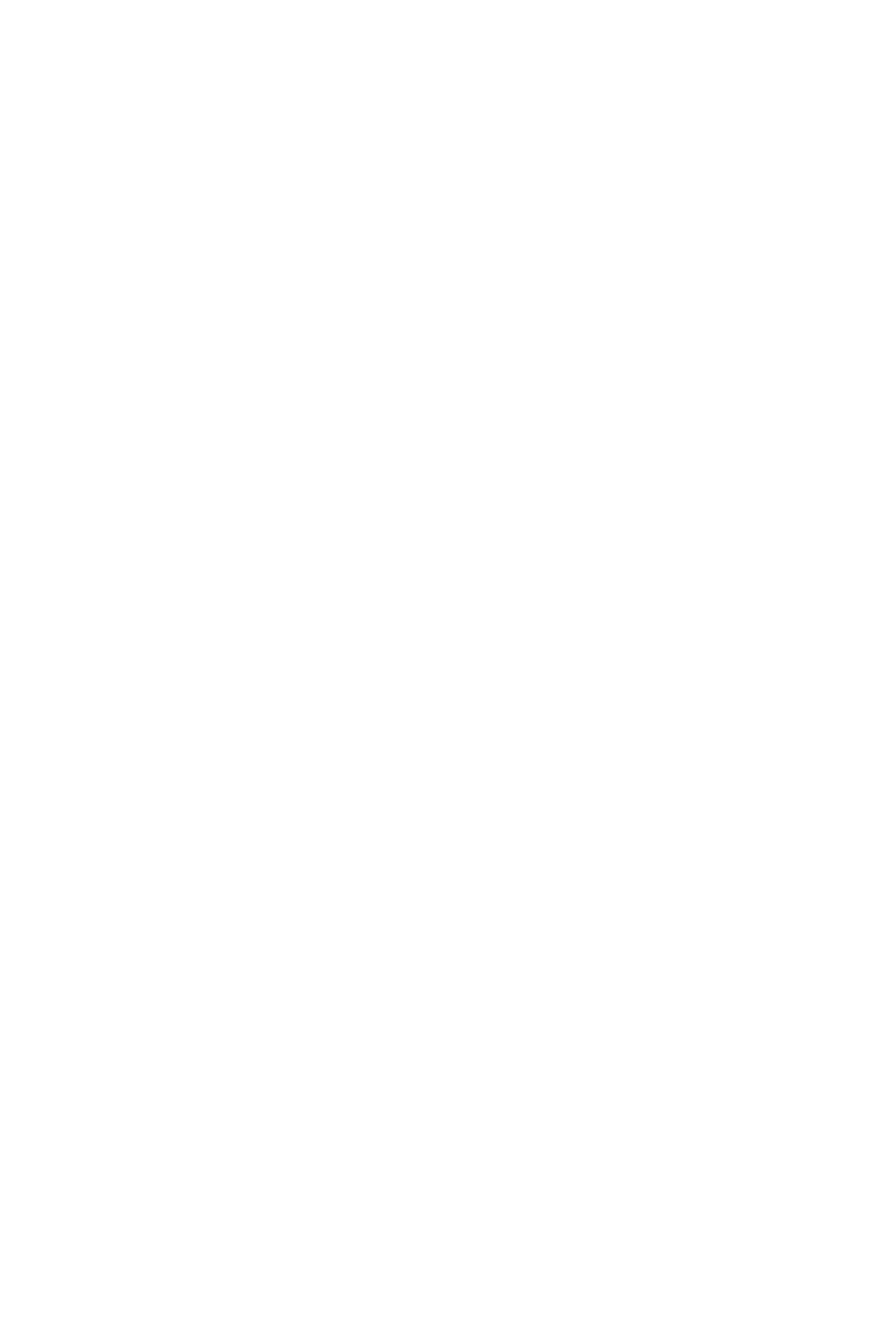












s e s s a t  
a g u n g



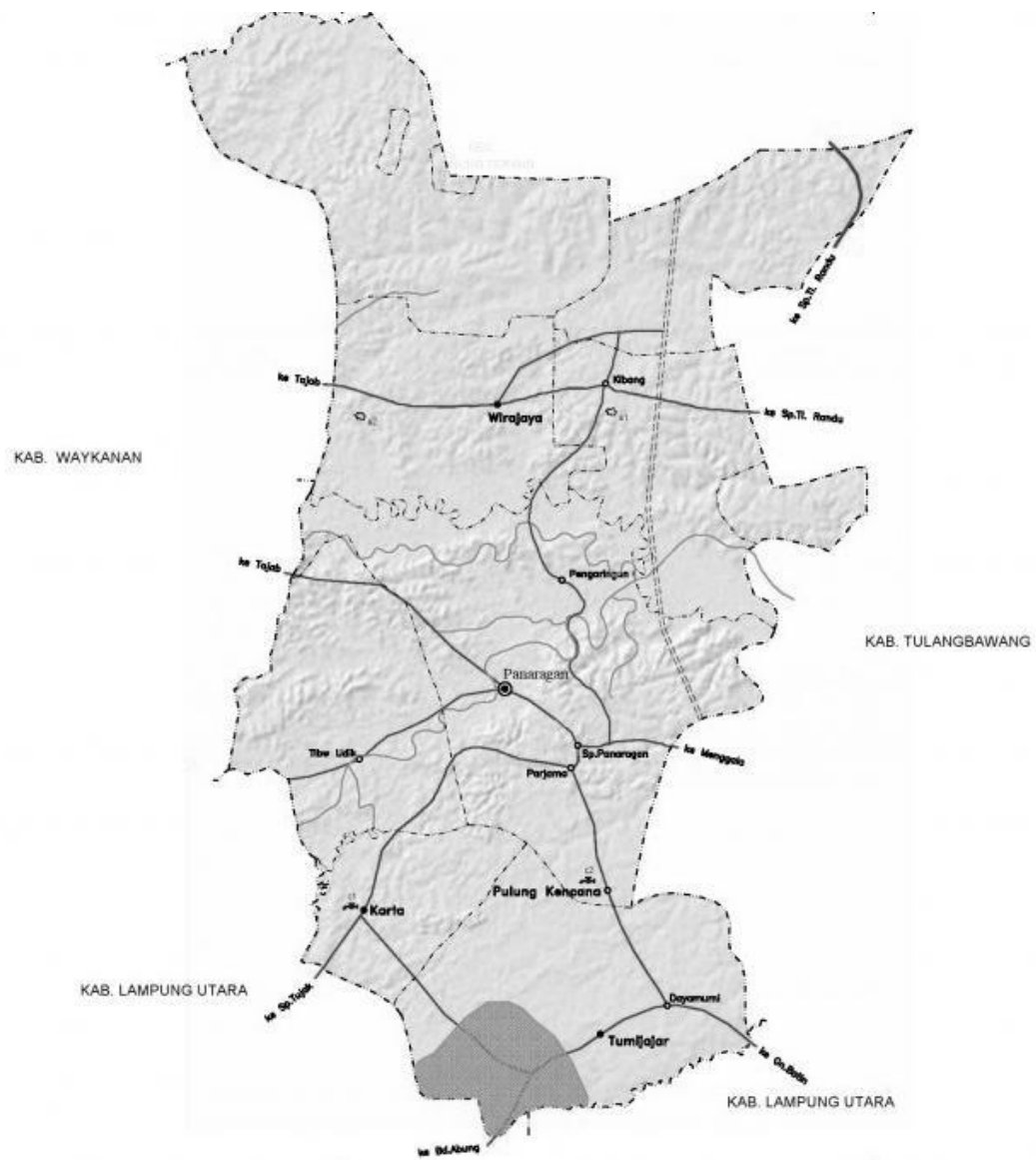
Image © 2014 DigitalGlobe  
© 2014 AfriGIS (Pty) Ltd.

Google earth

2006

Imagery Date: 7/8/2006 4°32'40.27" S 105°05'28.57" E elev 33 m eye alt 881 m

f i l o s o f i



Tulang bawang barat



Suku tulang bawang tersebar di 4 wilayah adat dan berada di bawah hukum adat pepadun





9 puncak siger pepadun

Suku tulang bawang tersebar di 4 wilayah adat dan berada di bawah hukum adat pepadun



Leluhur suku tulang  
bawang memasuki  
wilayah adat ini  
melalui pinggir an way  
tulangbawang





Leluhur suku tulang  
bawang memasuki  
wilayah adat ini  
melalui pinggir an way  
tulangbawang



Masyarakat tulangbawang memiliki 4 marga besar yaitu



Leluhur suku tulang  
bawang memasuki  
wilayah adat ini  
melalui pinggir way  
tulangbawang



Masyarakat tulangbawang memiliki 4 marga besar yaitu  
Puyang Umpu



Leluhur suku tulang  
bawang memasuki  
wilayah adat ini  
melalui pinggir way  
tulangbawang



Masyarakat tulangbawang memiliki 4 marga besar yaitu  
Puyang Umpu  
Puyang Bulan



Leluhur suku tulang  
bawang memasuki  
wilayah adat ini  
melalui pinggir way  
tulangbawang



Masyarakat tulangbawang memiliki 4 marga besar yaitu  
Puyang Umpu  
Puyang Bulan  
Puyang Aji



Leluhur suku tulang  
bawang memasuki  
wilayah adat ini  
melalui pinggir way  
tulangbawang



Masyarakat tulangbawang memiliki 4 marga besar yaitu  
Puyang Umpu  
Puyang Bulan  
Puyang Aji  
Puyang Tegamoan



Tahun 1897 terjadi migrasi besar-besaran untuk budidaya kopi Liberia





Tahun 1897 terjadi migrasi besar-besaran untuk budidaya kopi Liberia

Arsitektur tradisional  
lampung umumnya  
berdiri diatas tiang  
kayu dengan pondasi  
setempat



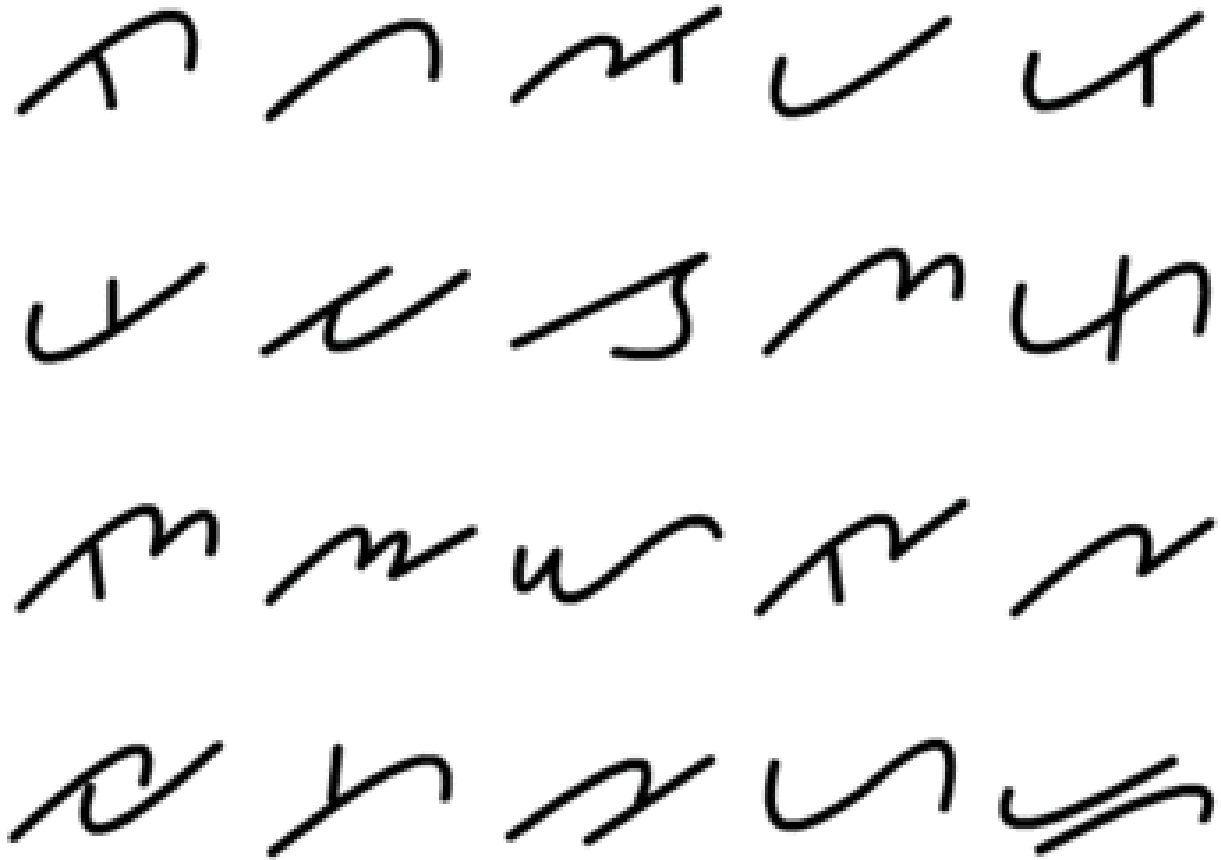
Arsitektur tradisional  
lampung umumnya  
berdiri diatas tiang  
kayu dengan pondasi  
setempat

Berbentuk rumah  
panggung untuk  
keamanan dan  
penyimpanan barang



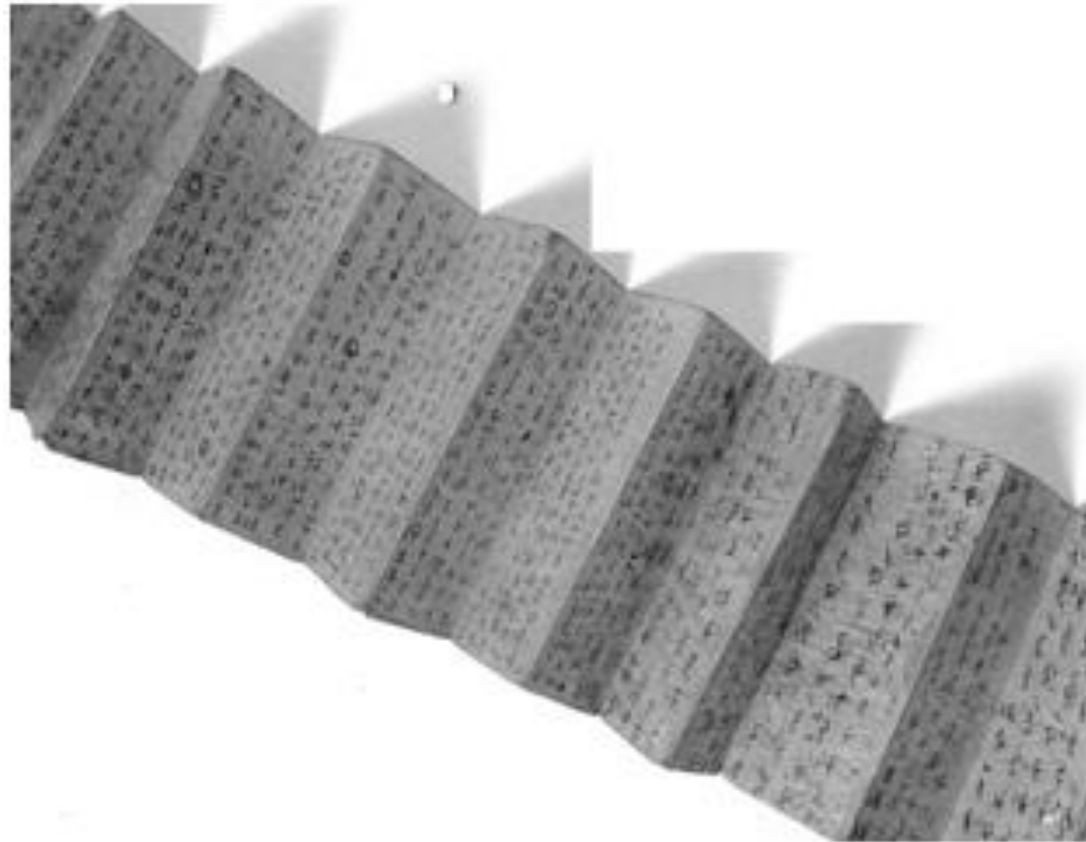
Rumah lampung

Aksara lampung  
dipengaruhi  
aksara pallawa dan  
huruf arab

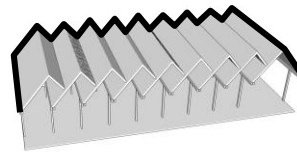
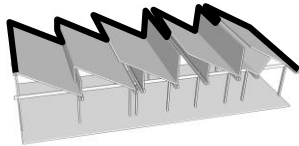
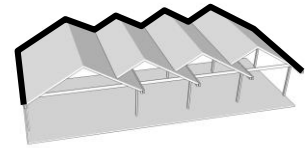
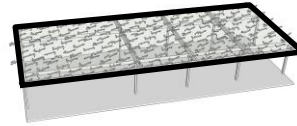
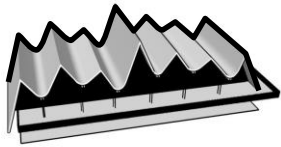
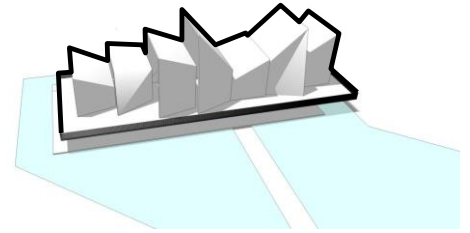
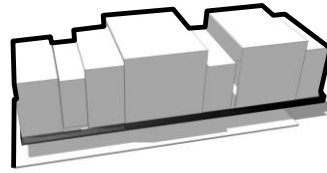
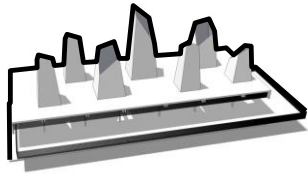


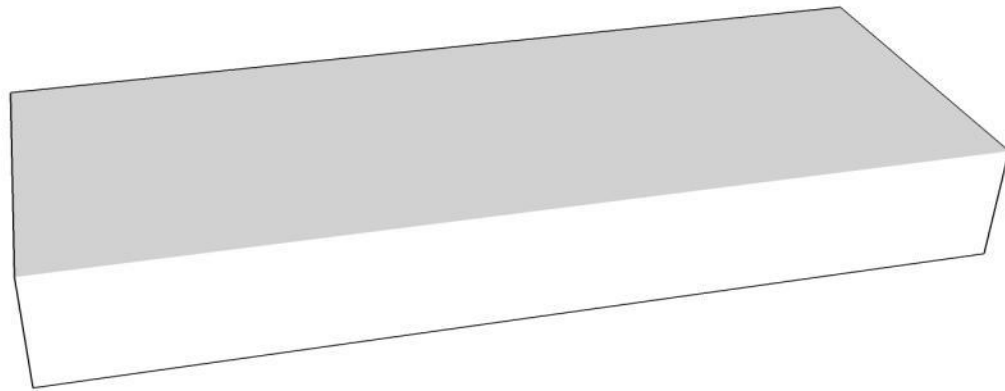
Aksara lampung  
dipengaruhi  
aksara pallawa dan  
huruf arab

Salah satu media  
yang sering  
digunakan untuk  
menuliskan  
surat, syair dan  
petuah adalah kulit  
kayu lipat



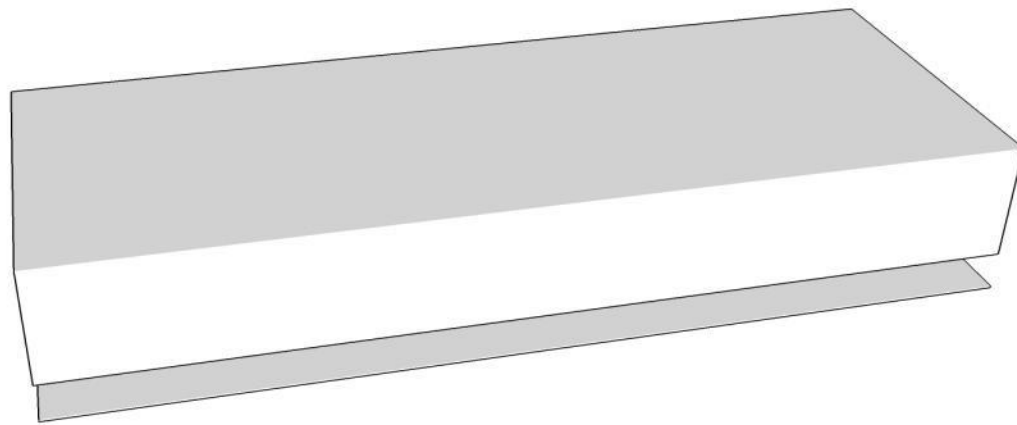
s t u d i  
m a s s a



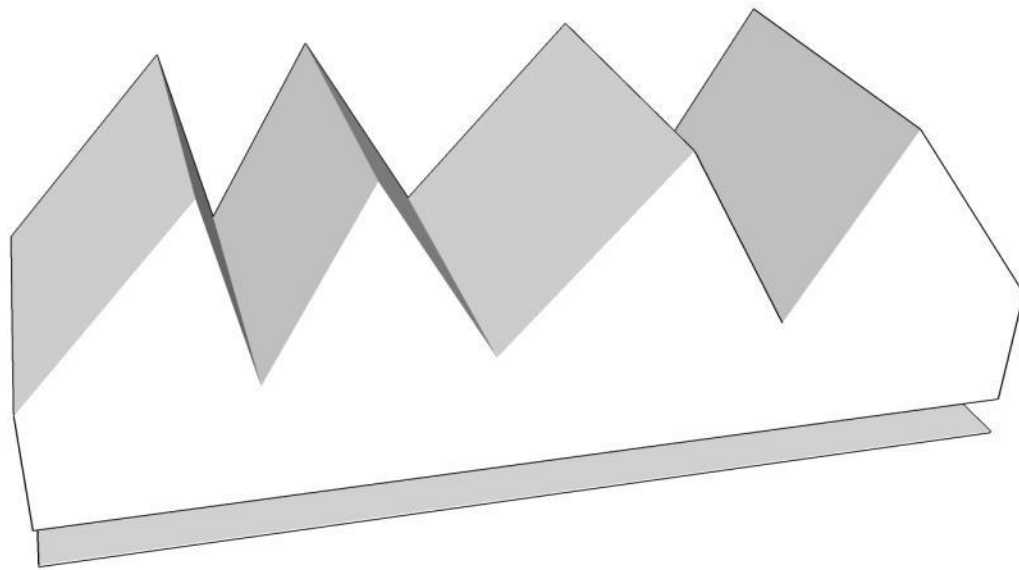


Fungsi 1000 m<sup>2</sup>

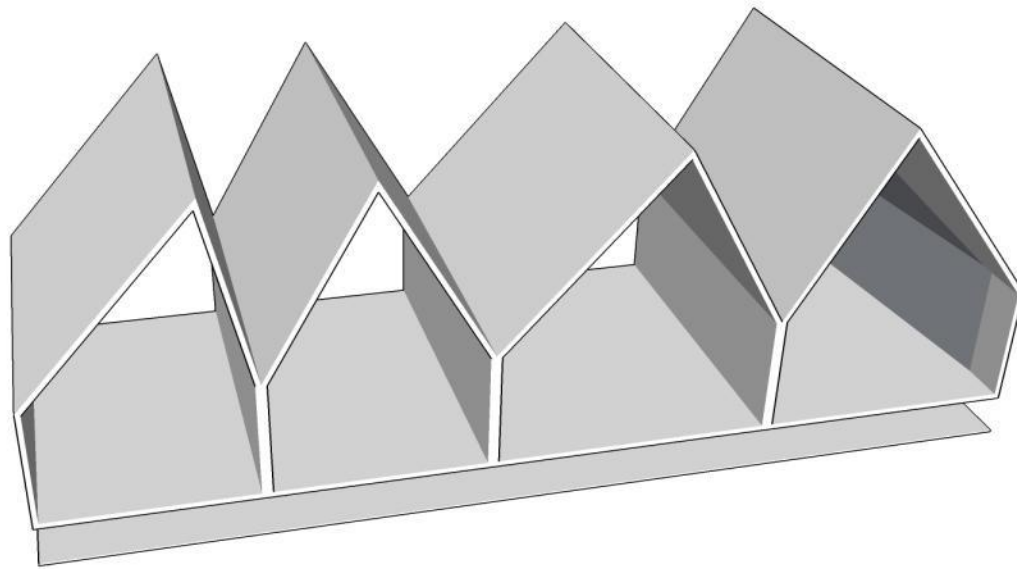




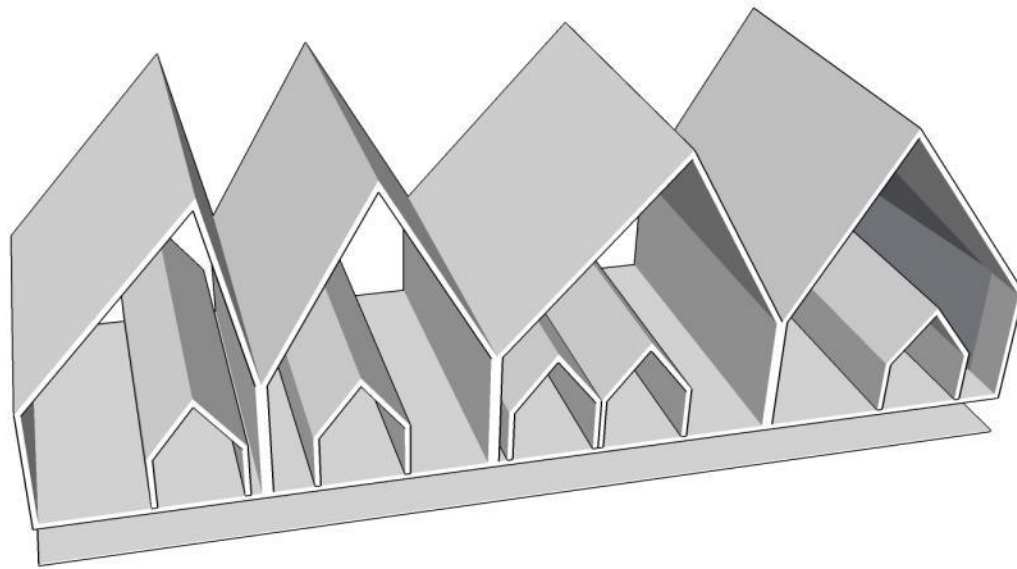
Diangkat untuk menambah fungsi dan mendeduhkan ruang bawah



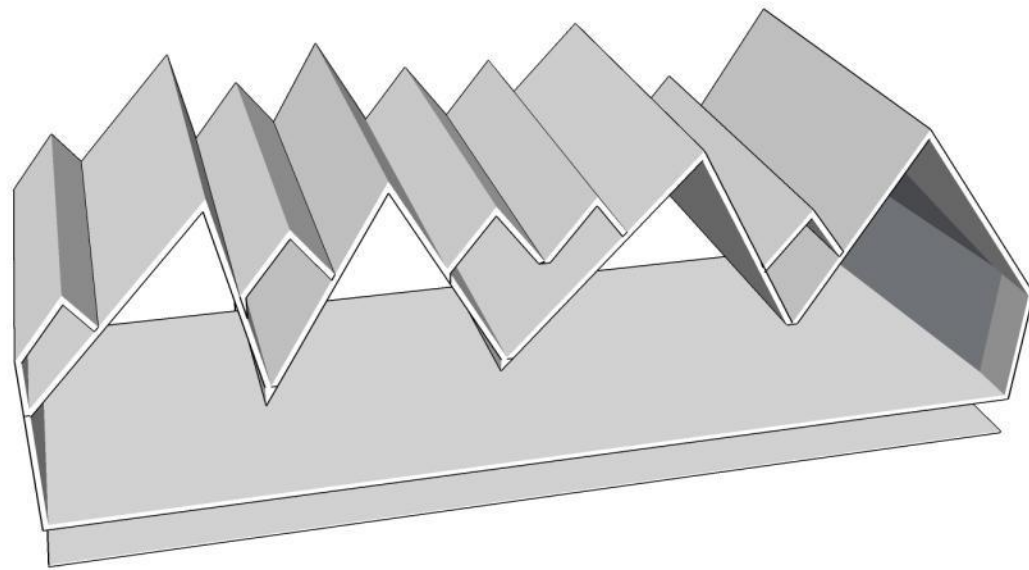
Sesat merupakan gabungan dari rumah-rumah yang menaungi warga tulang bawang barat



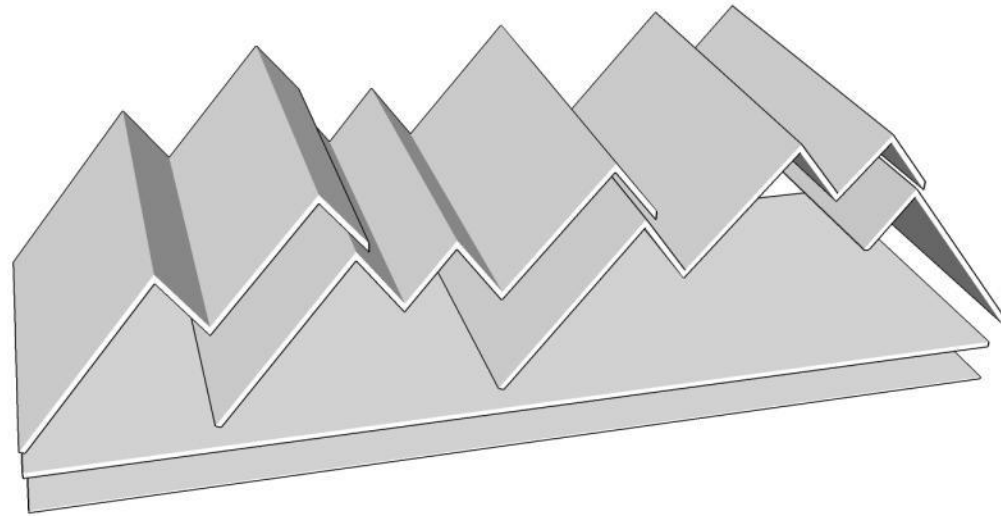
4 Rumah besar mewakili 4 marga besar di tulang bawang



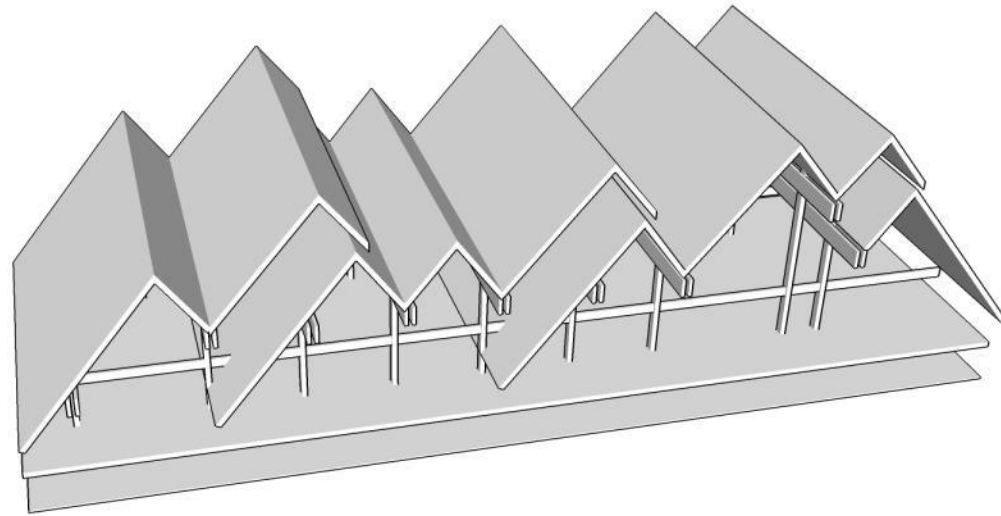
Yang menaungi 5 rumah yang mewakili transmigran dari 5 pulau besar indonesia



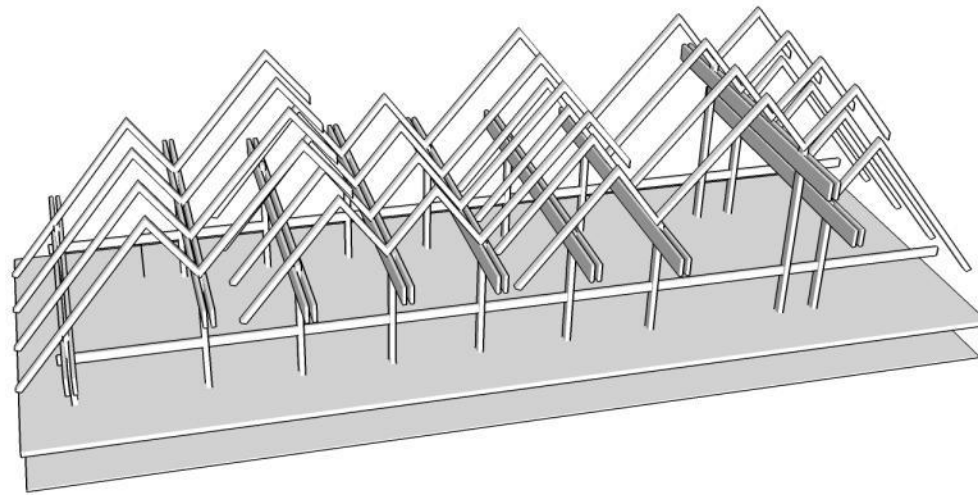
Bersatu dan berbaur menjadi atap bersama



Memiliki titik putus dan sambung seperti rangkaian aksara lampung

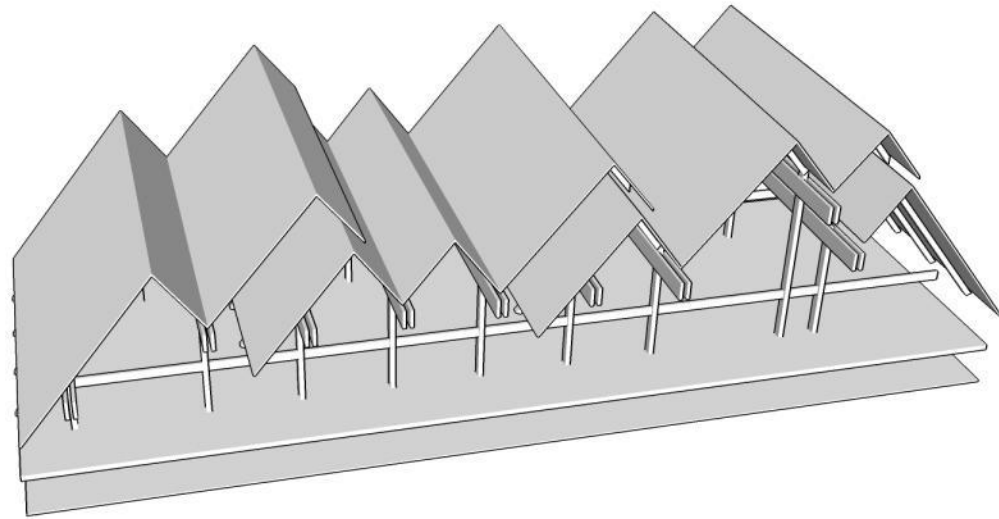


Kolom dan balok struktur penyangga atap

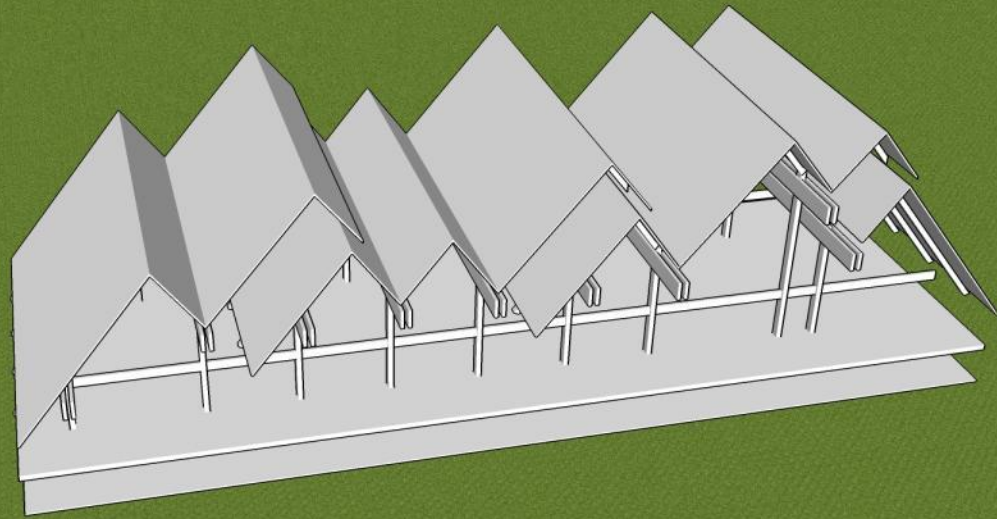


Kuda-kuda baja penopang atap

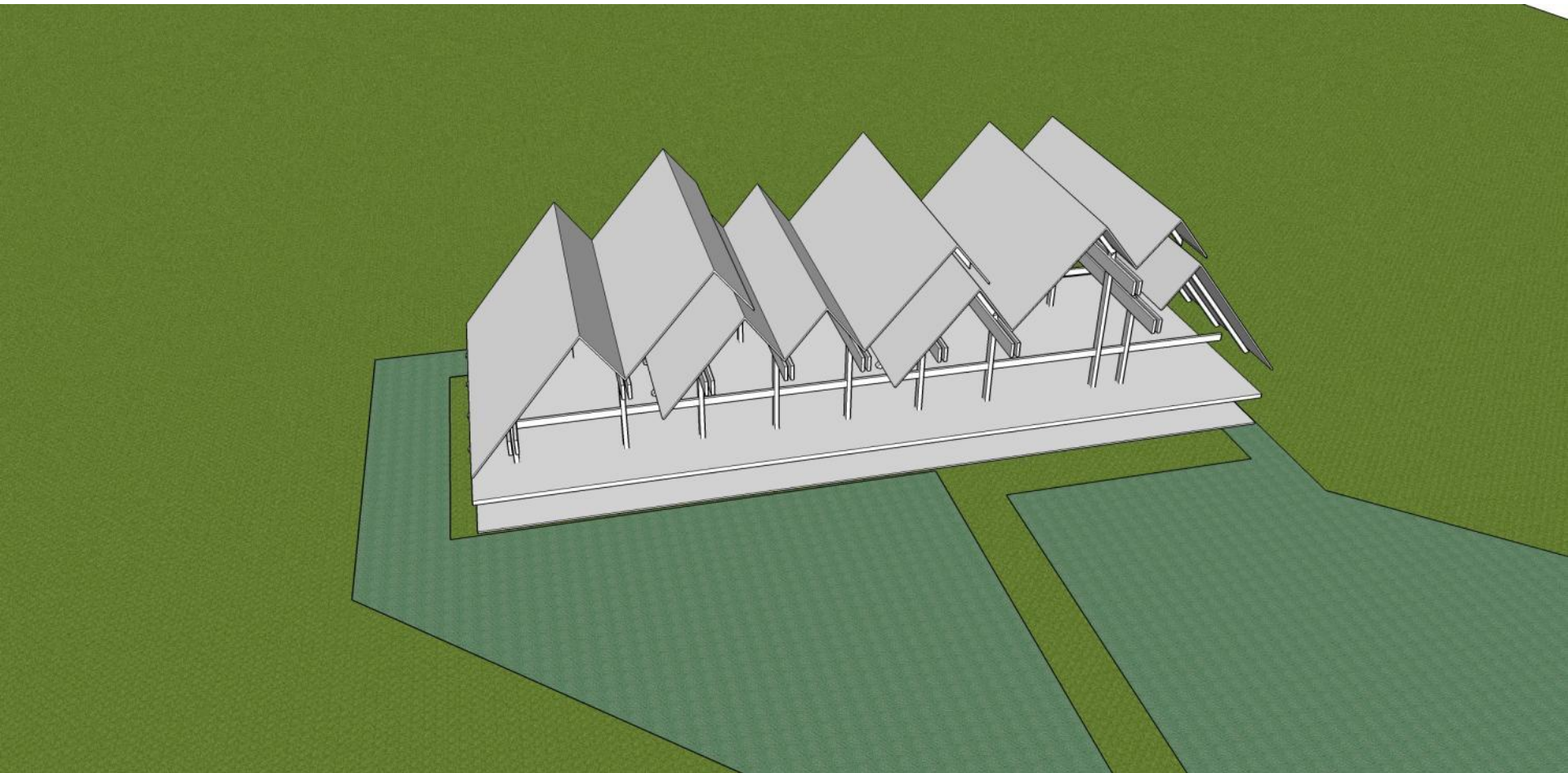




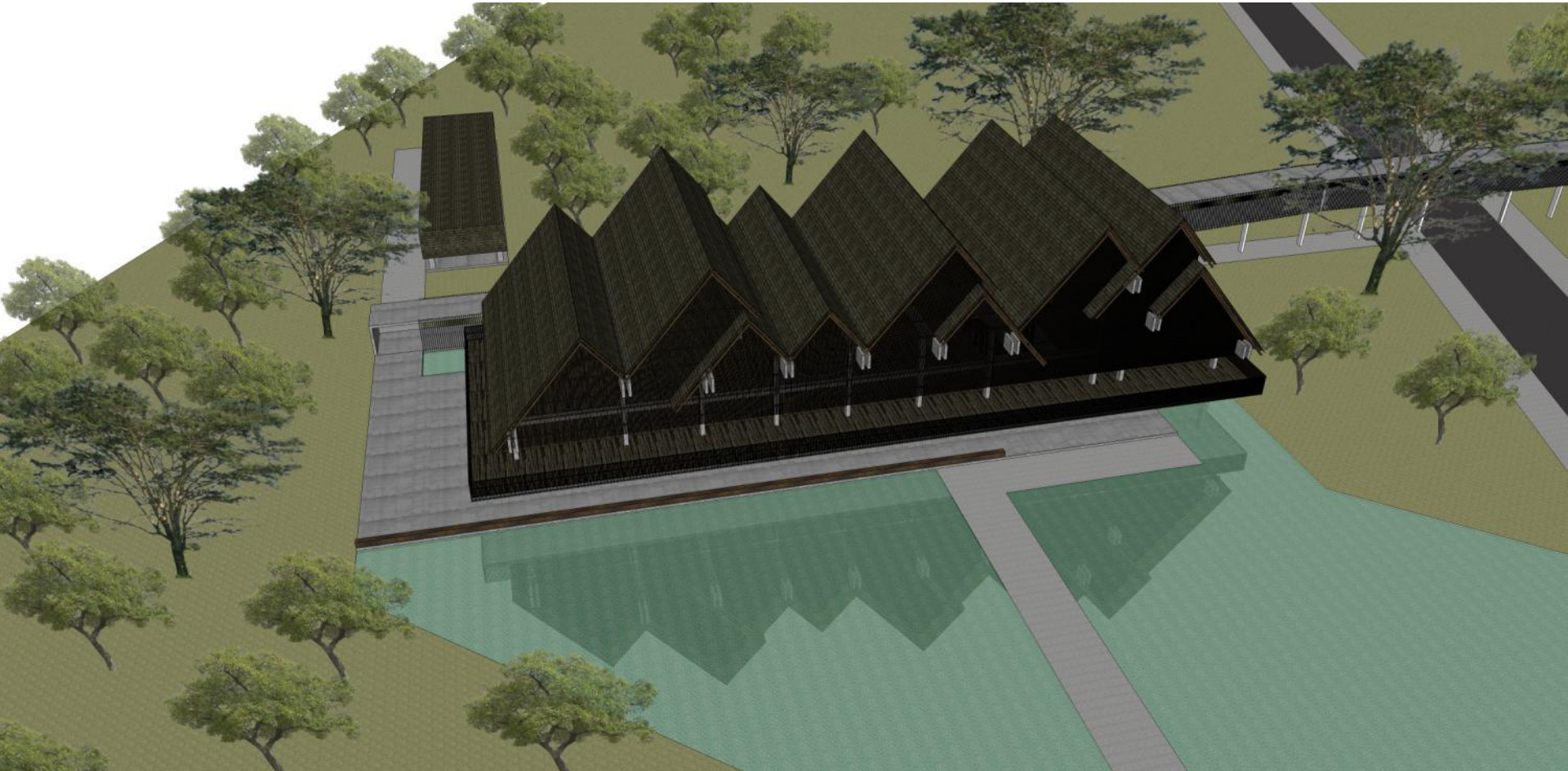
Yang dilapisi atap sirap



Ditengah kawasan penuh hutan



Berdiri di atas danau



perspektif

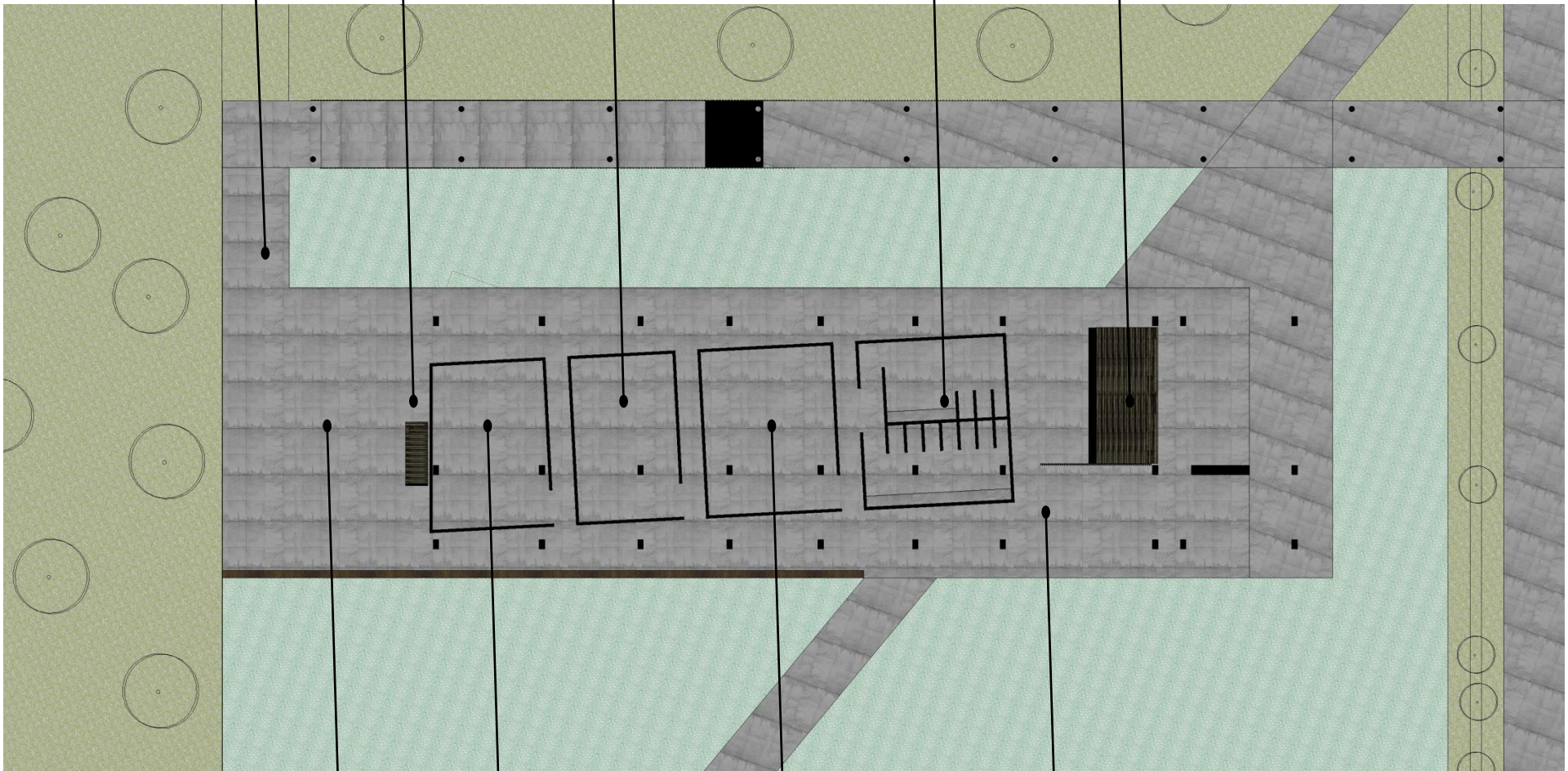
Akses jembatan

tangga

kantor

toilet

tangga utama



selasar

serbaguna

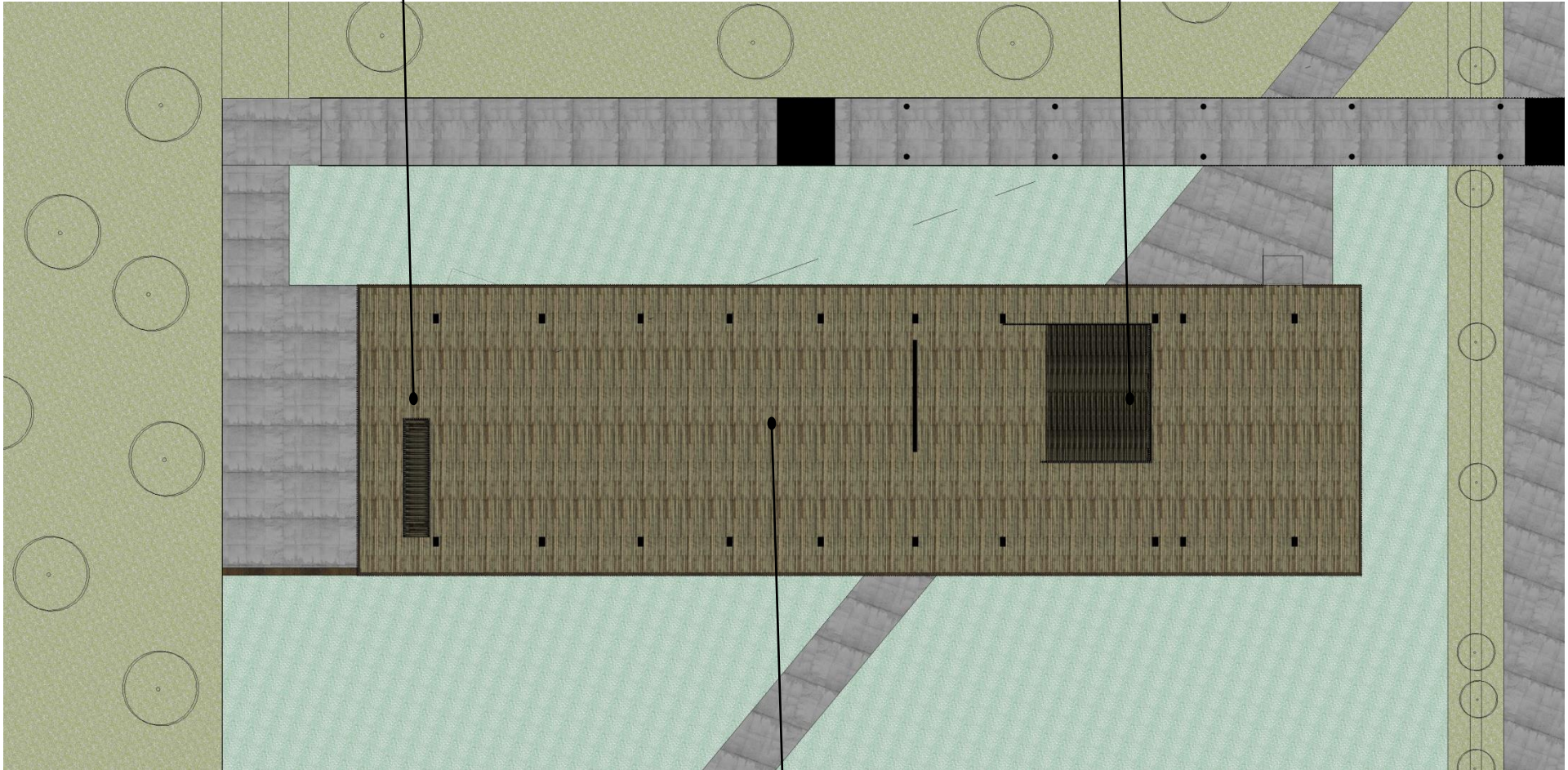
area studi

selasar

Denah It dasar

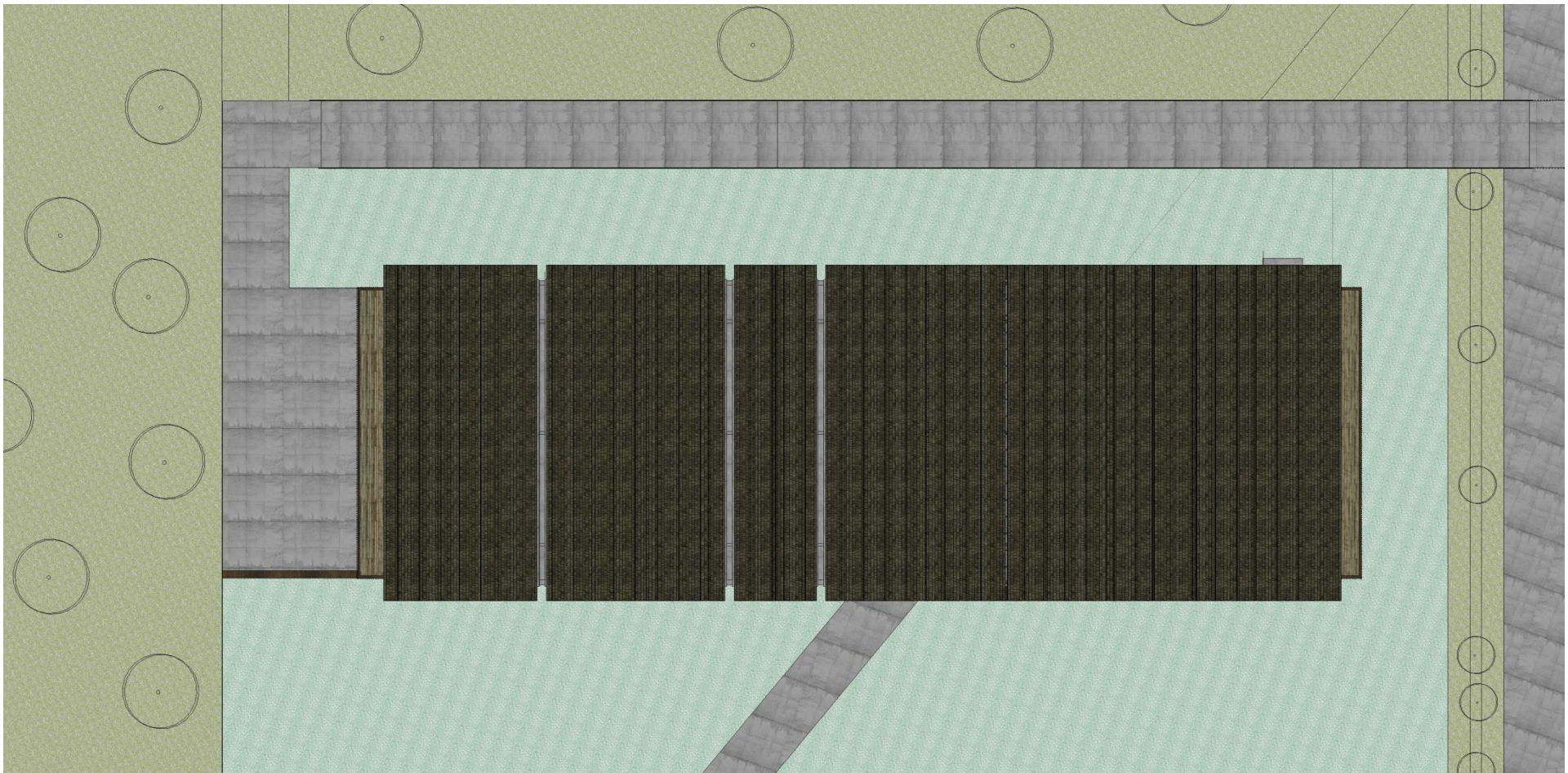
tangga

tangga utama

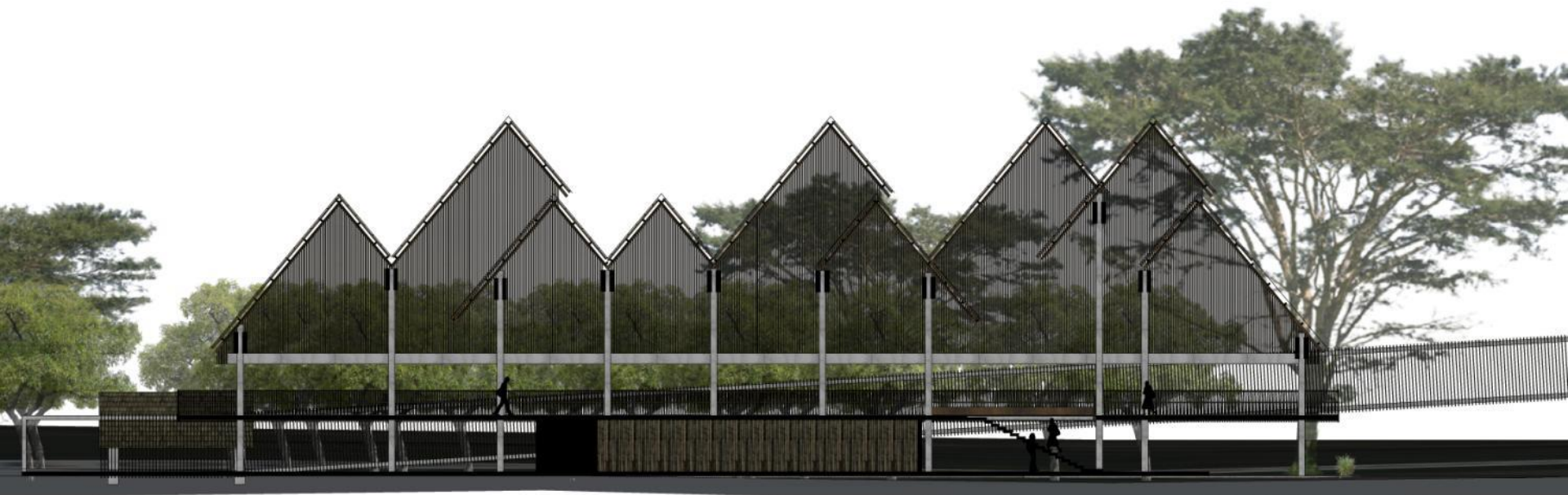


ruang serbaguna

Denah It 1

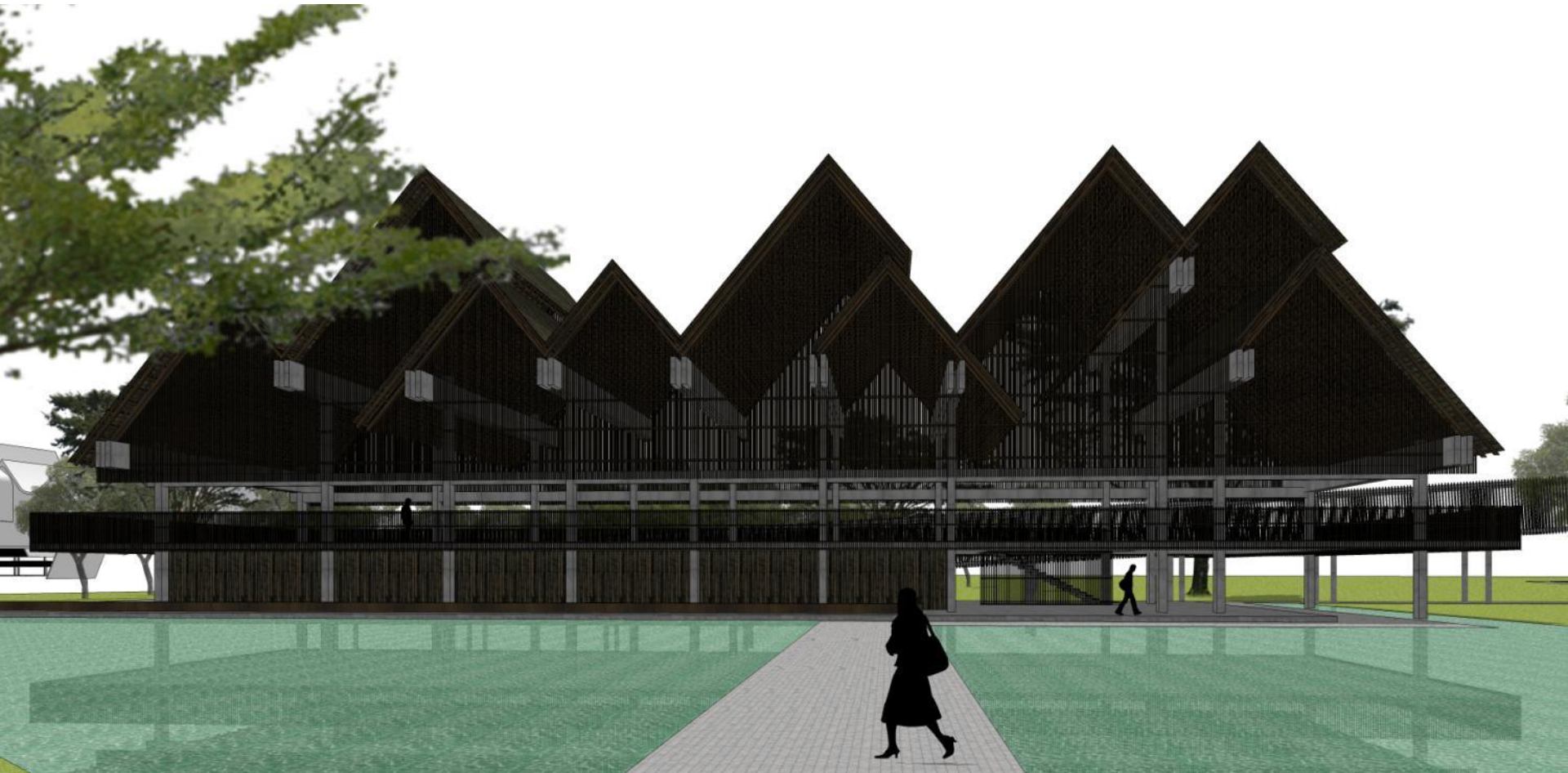


Denah It atap

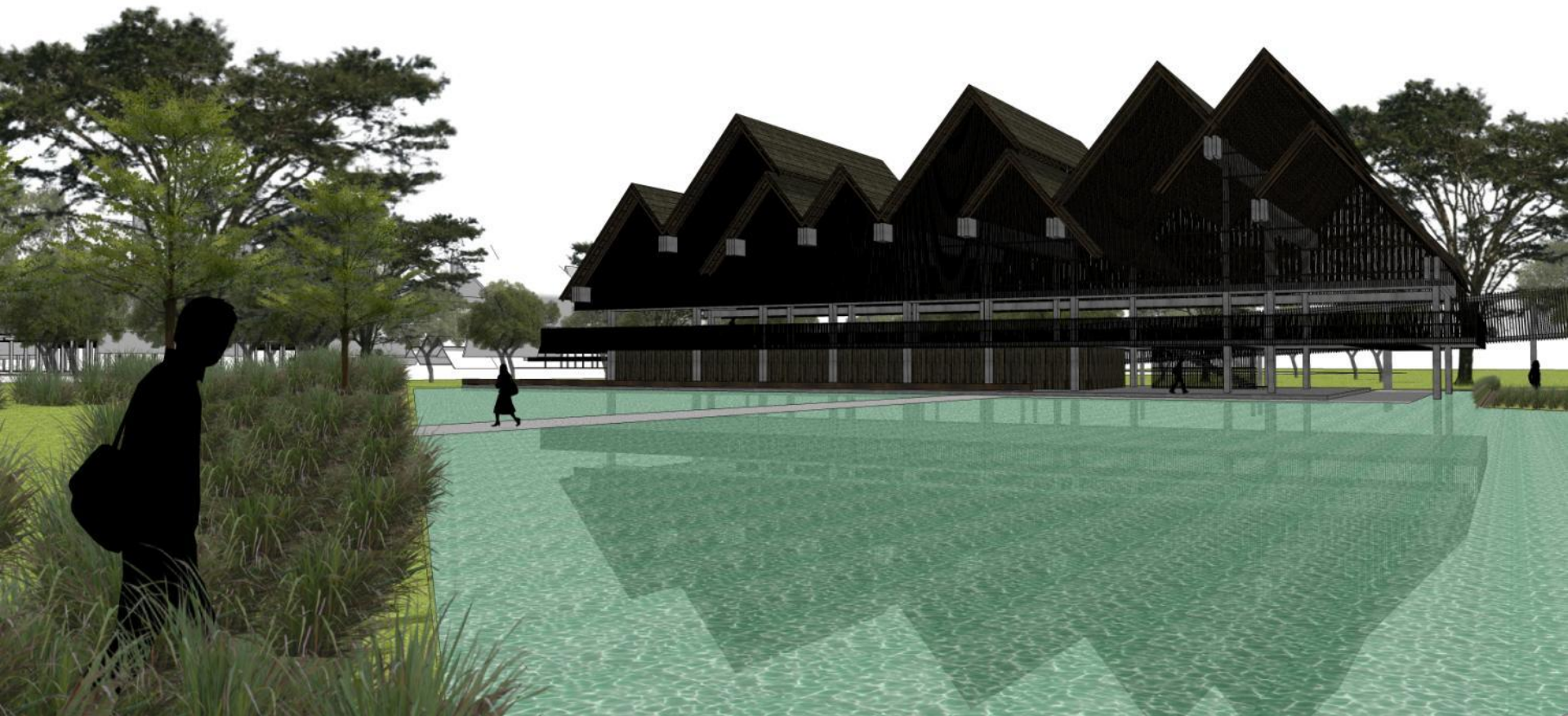


potongan





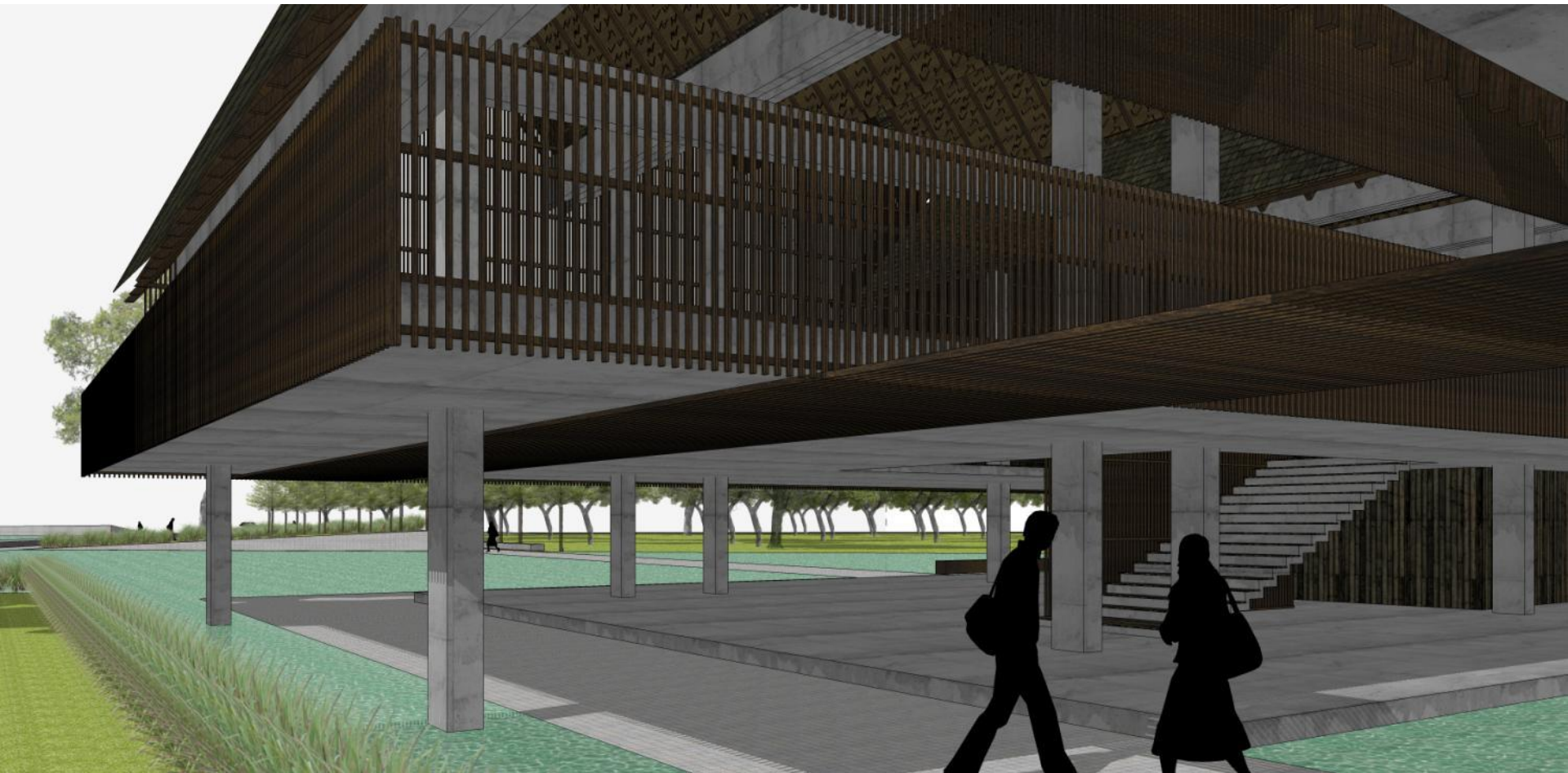
perspektif



perspektif



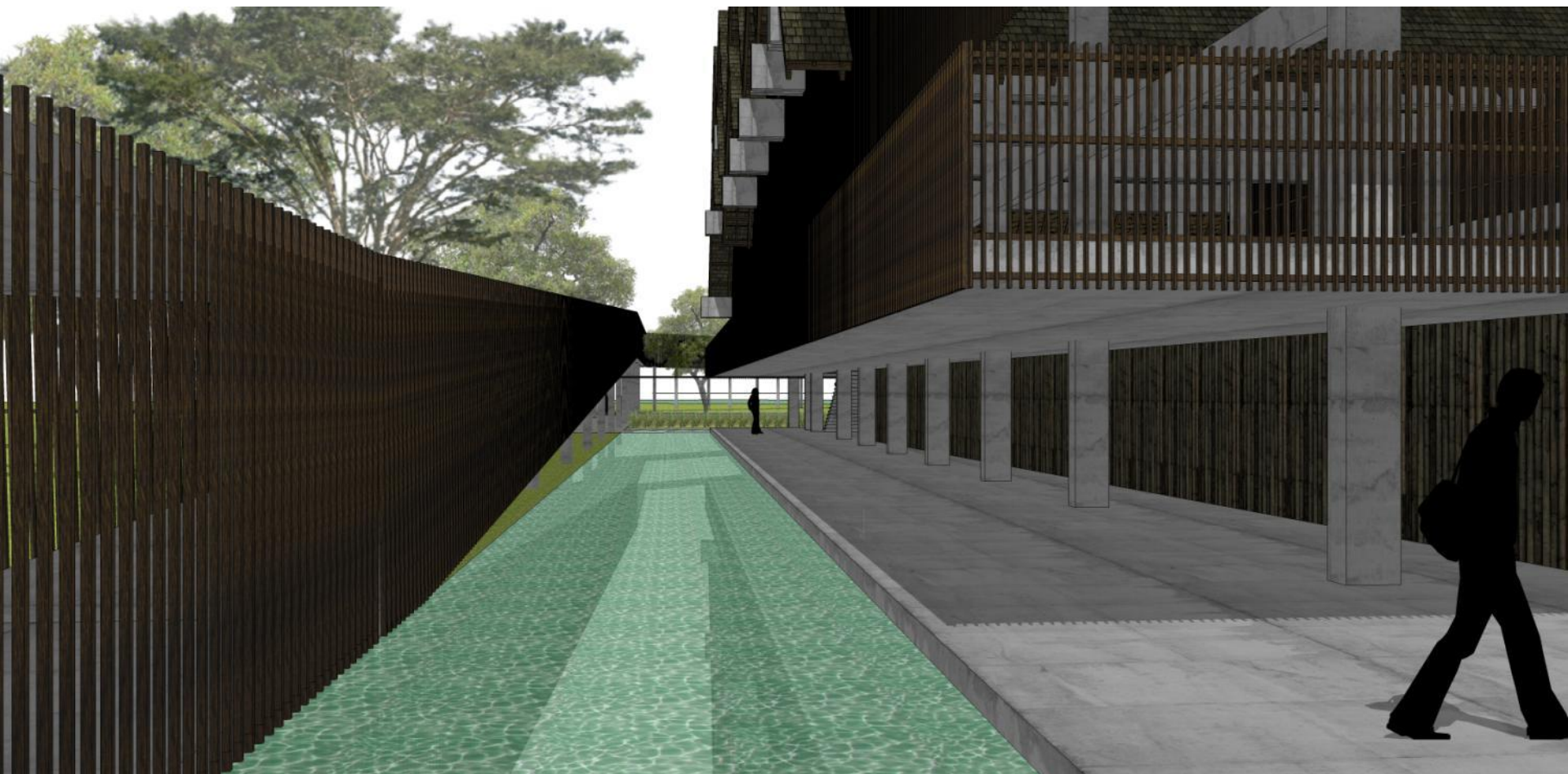
Entrance ternaungi dari jalan penghubung



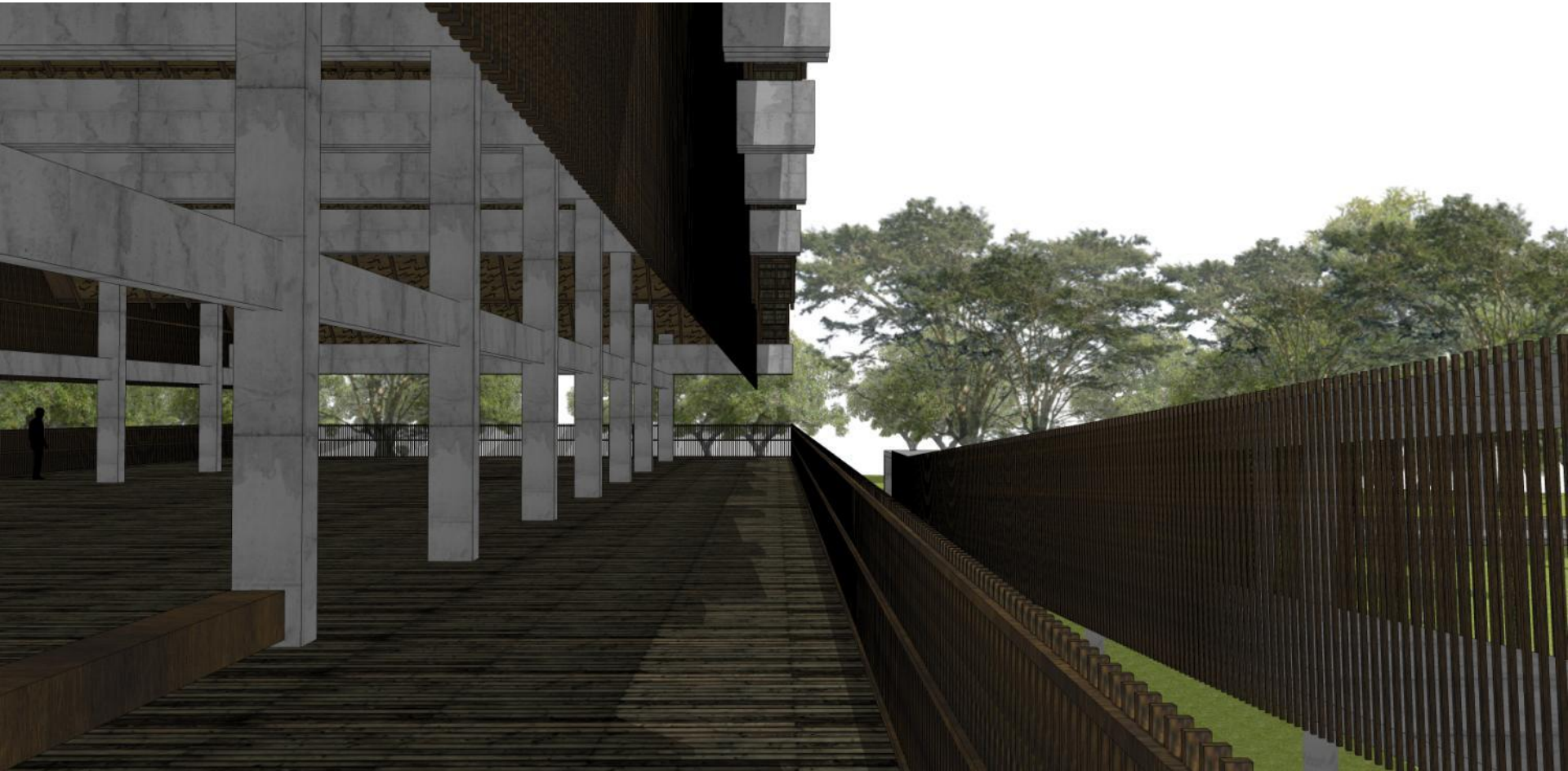
perspektif



perspektif



perspektif

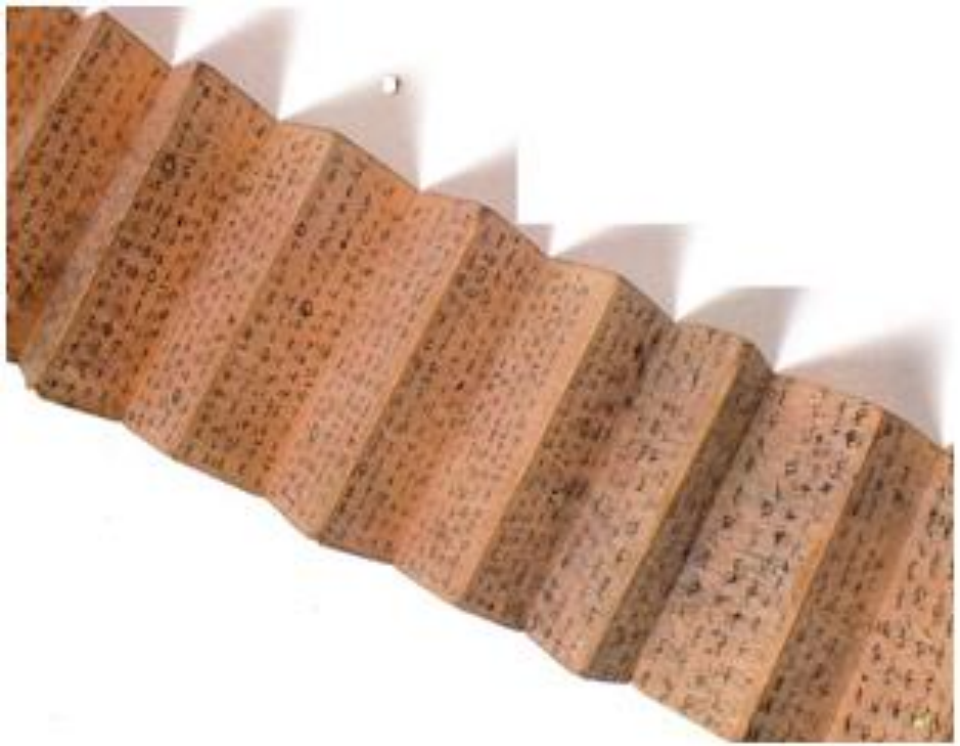


perspektif

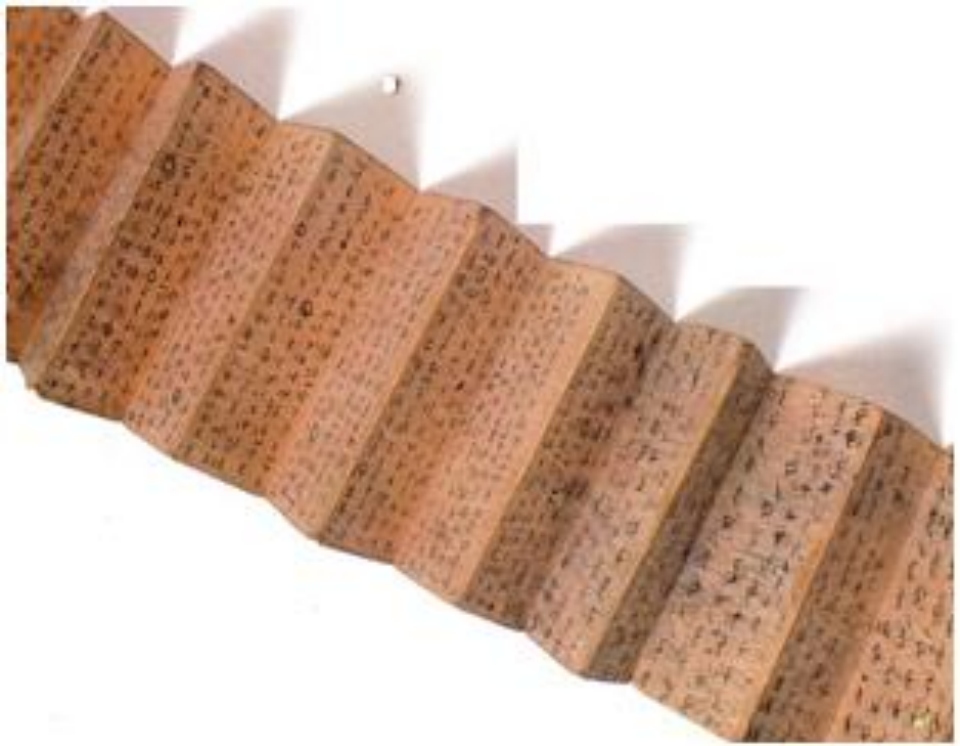


Perspektif interior

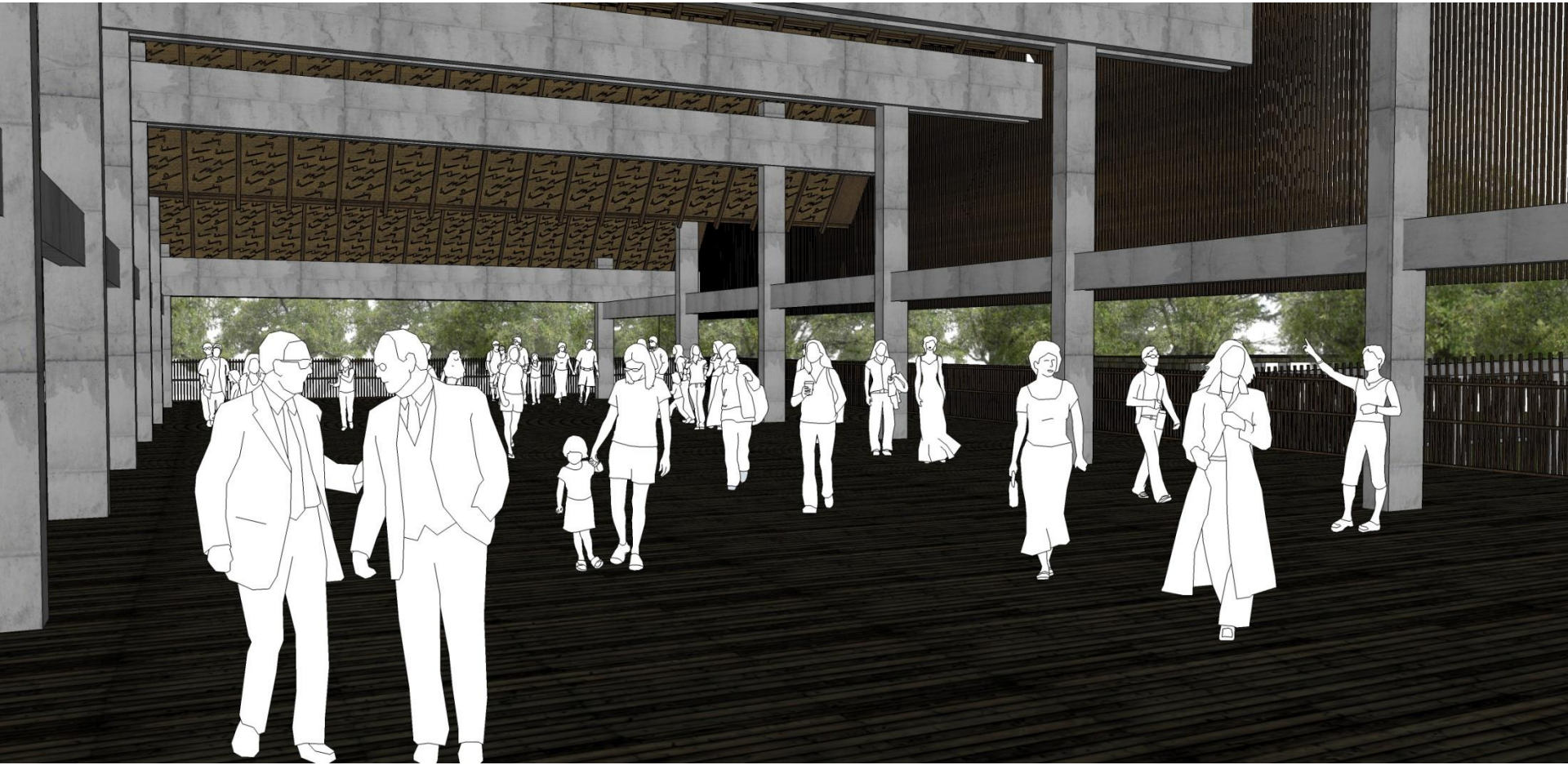




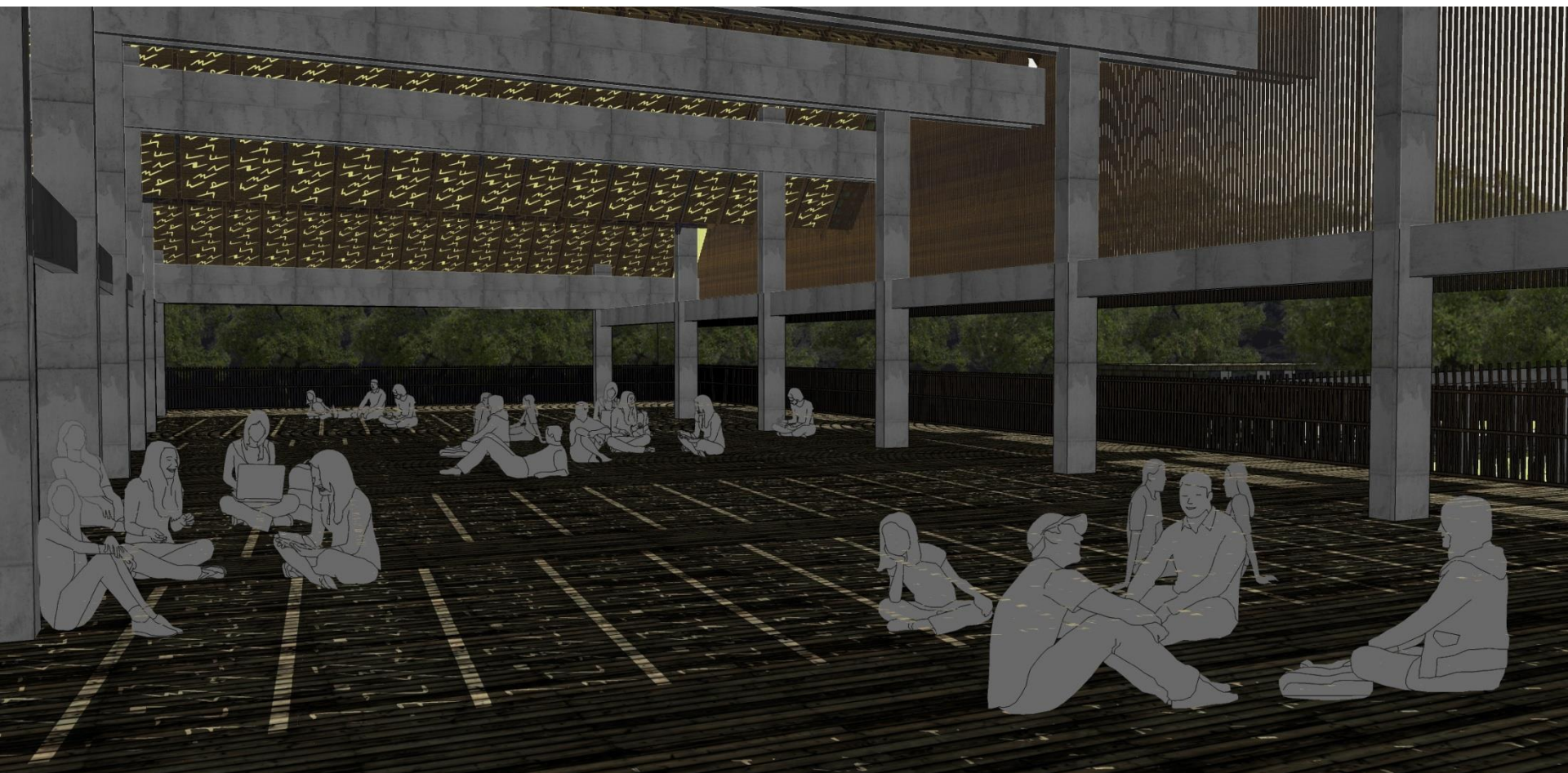
Aksara lampung sebagai penutup langit-langit



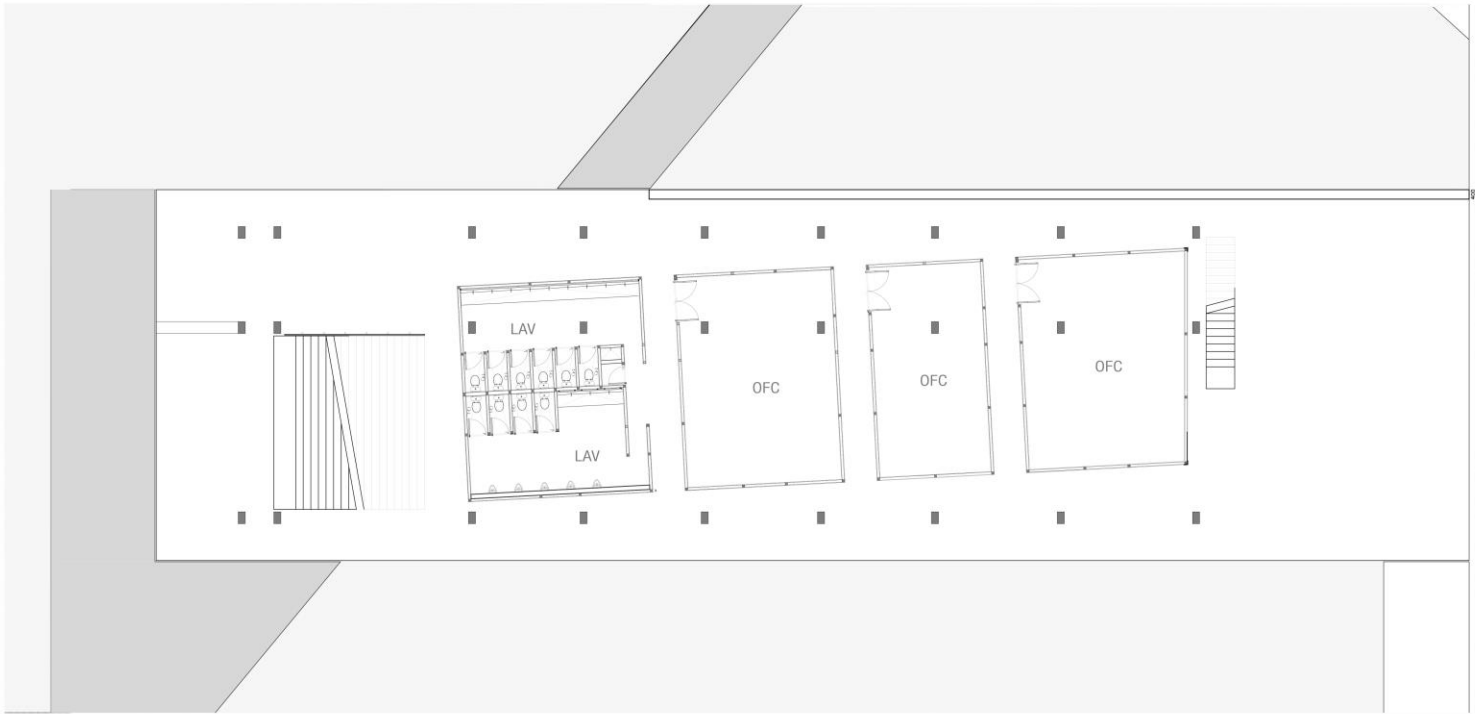
Dengan penerangan di bagian belakang



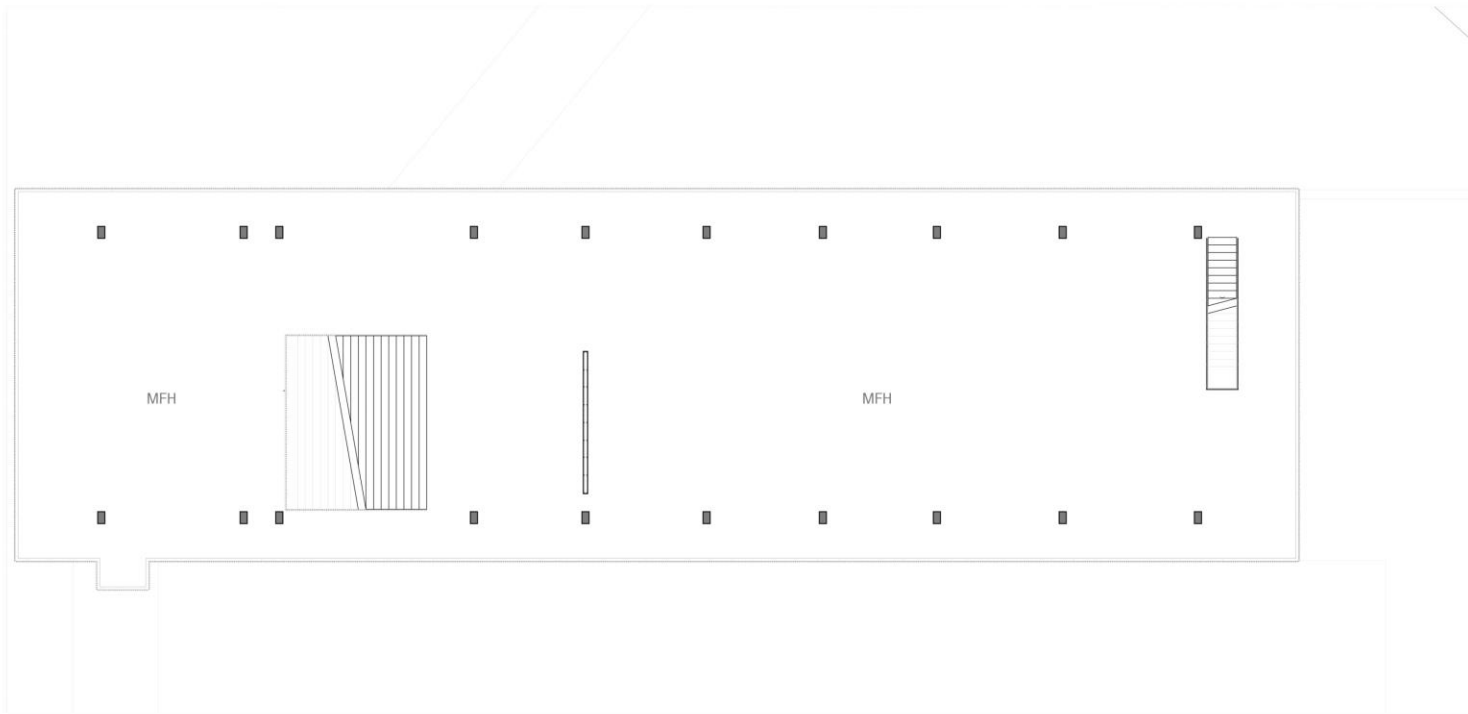
Sebagai penutup langit-langit



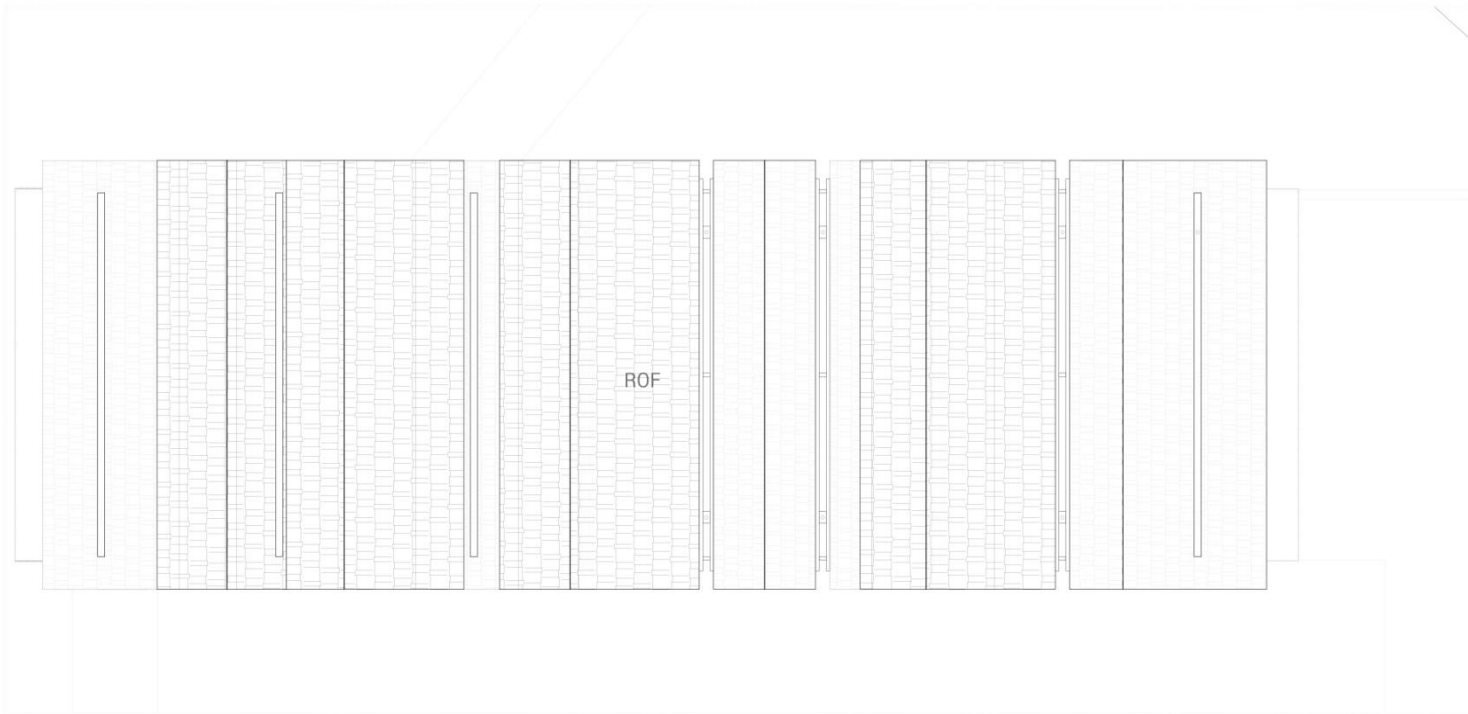
Aksara lampung sebagai sumber cahaya disaat gelap



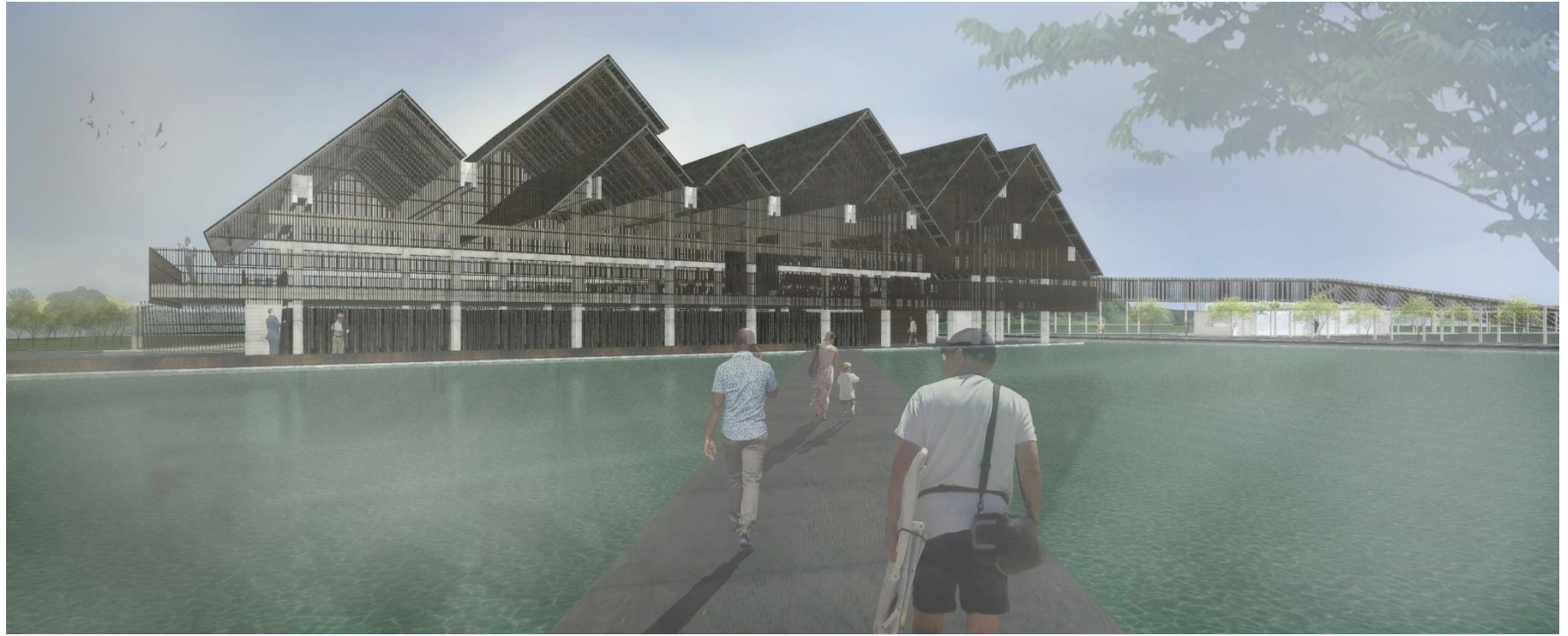
GROUND FLOOR PLAN



FIRST FLOOR PLAN



ROOF PLAN









p e n g h u b u n g

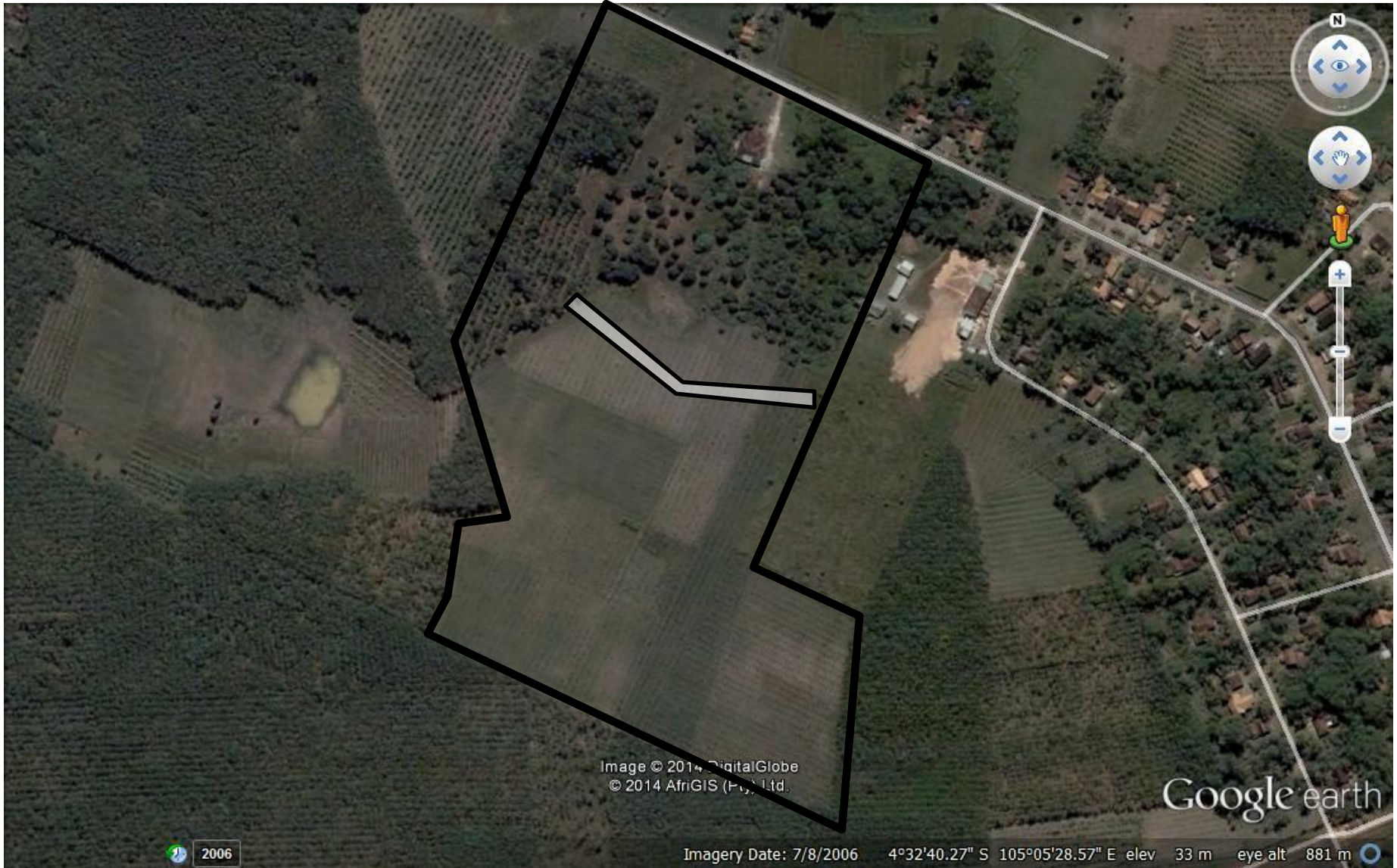
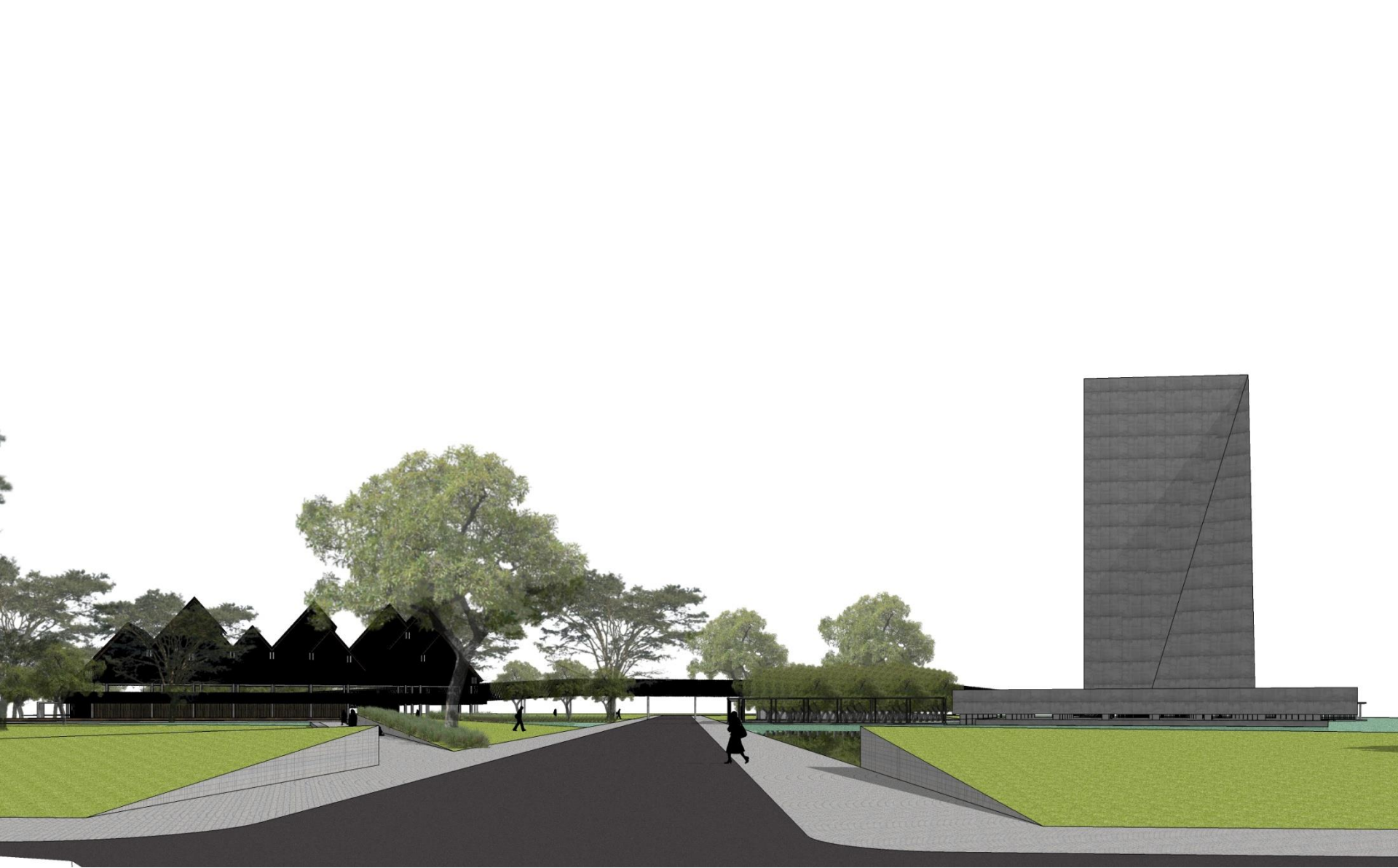


Image © 2014 DigitalGlobe  
© 2014 AfriGIS (Pty.) Ltd.

Google earth

2006

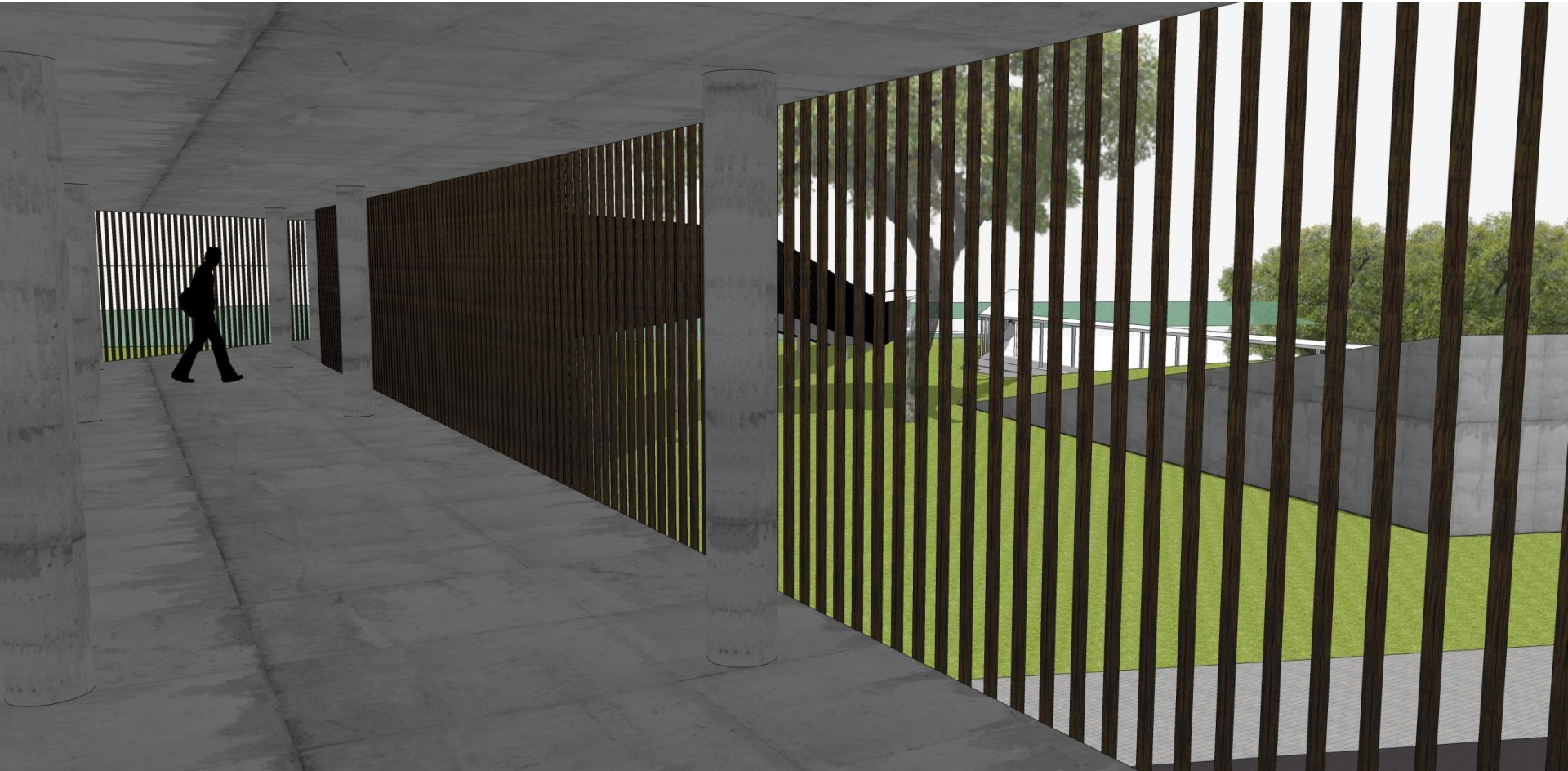
Imagery Date: 7/8/2006 4°32'40.27" S 105°05'28.57" E elev 33 m eye alt 881 m



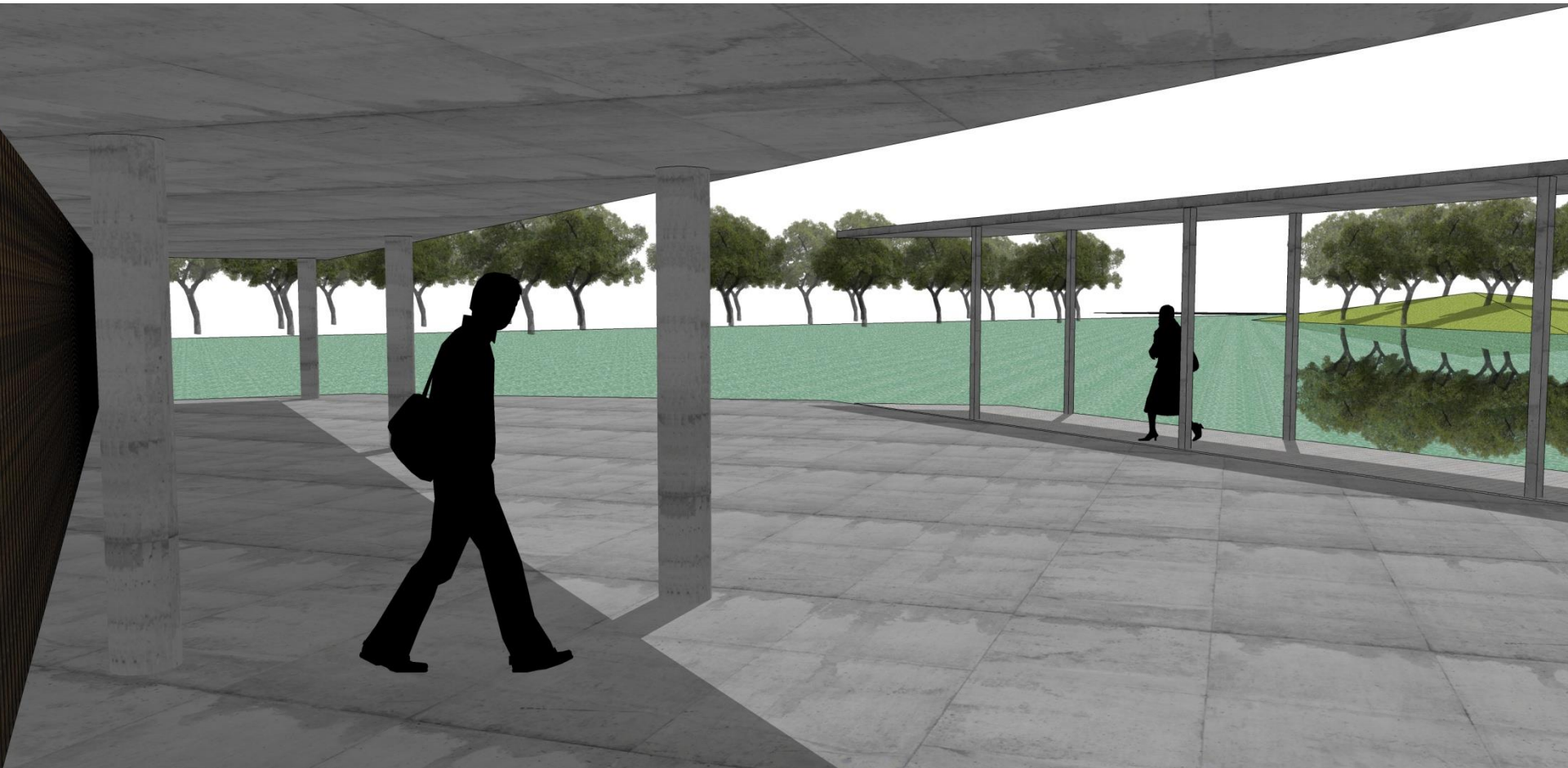
perspektif



perspektif

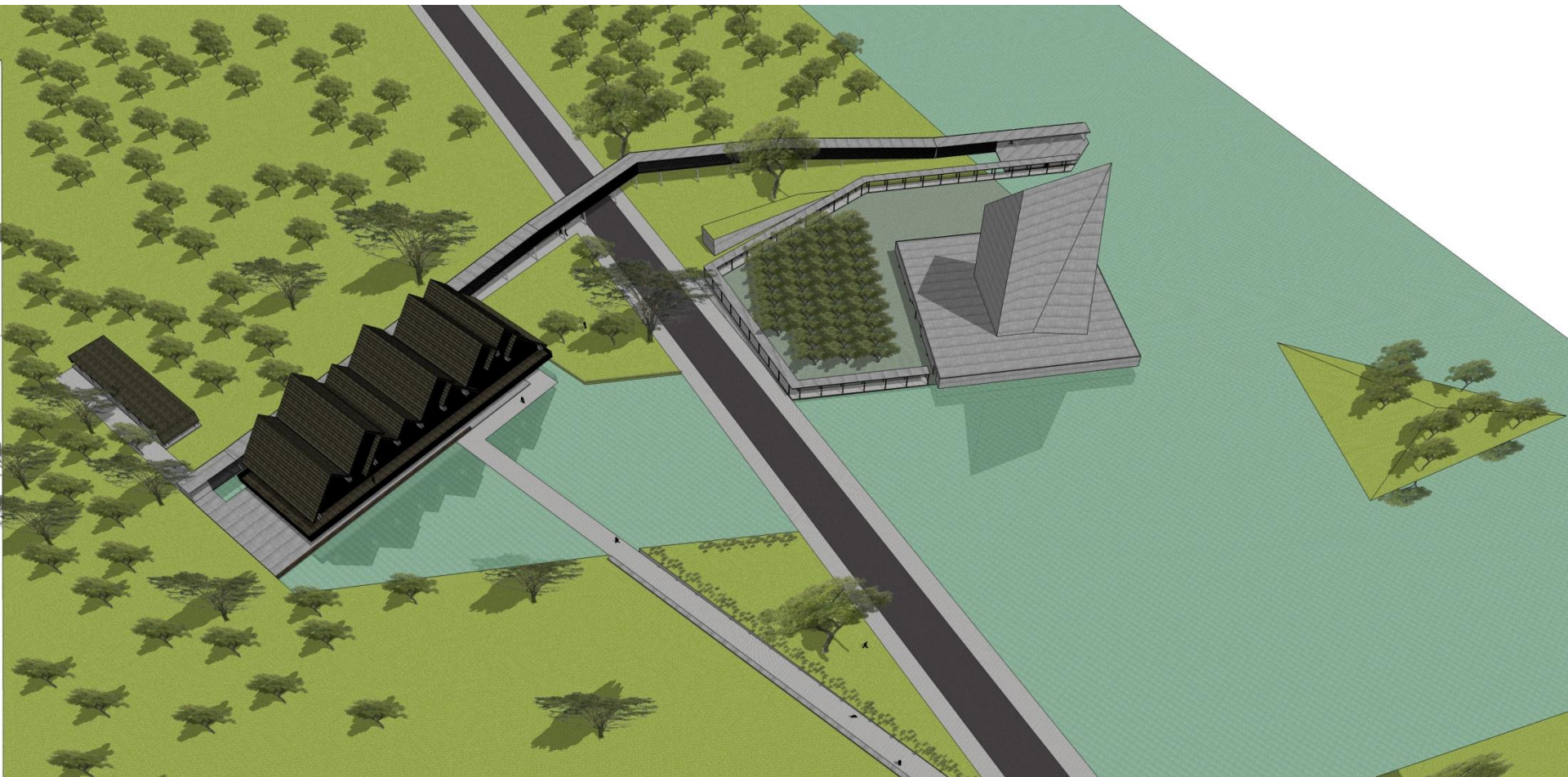


perspektif



perspektif

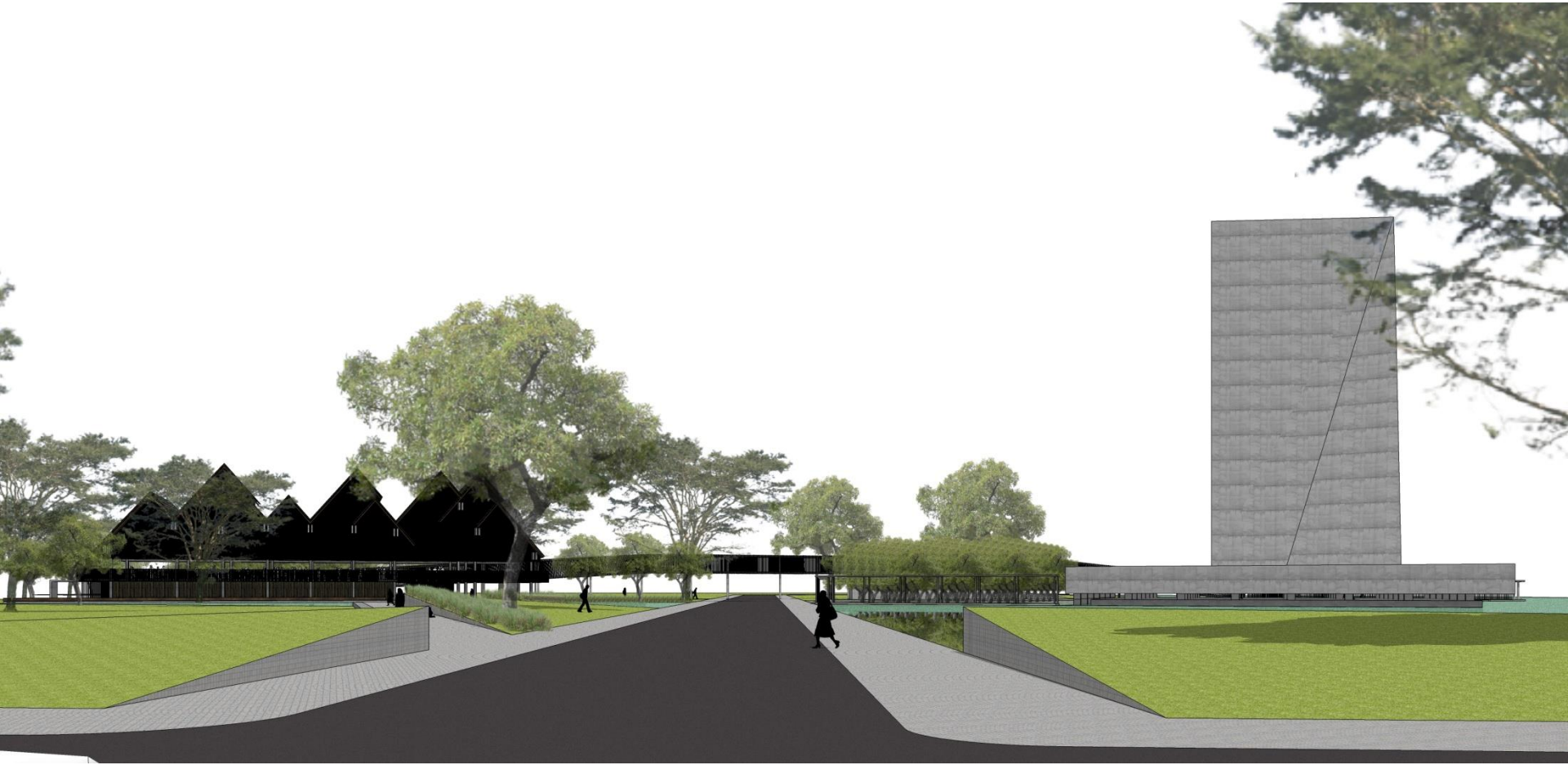




perspektif



perspektif



perspektif



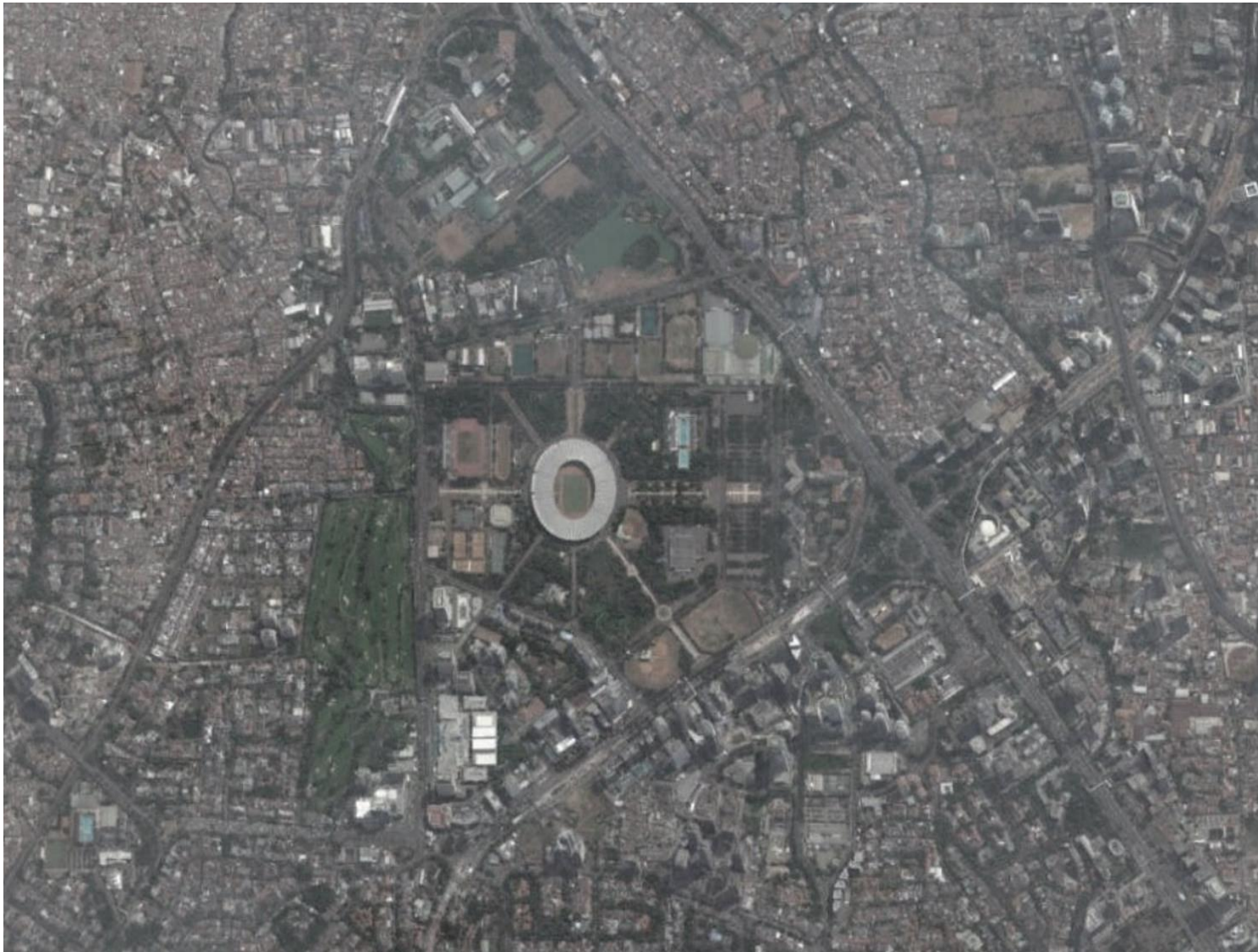


g

b

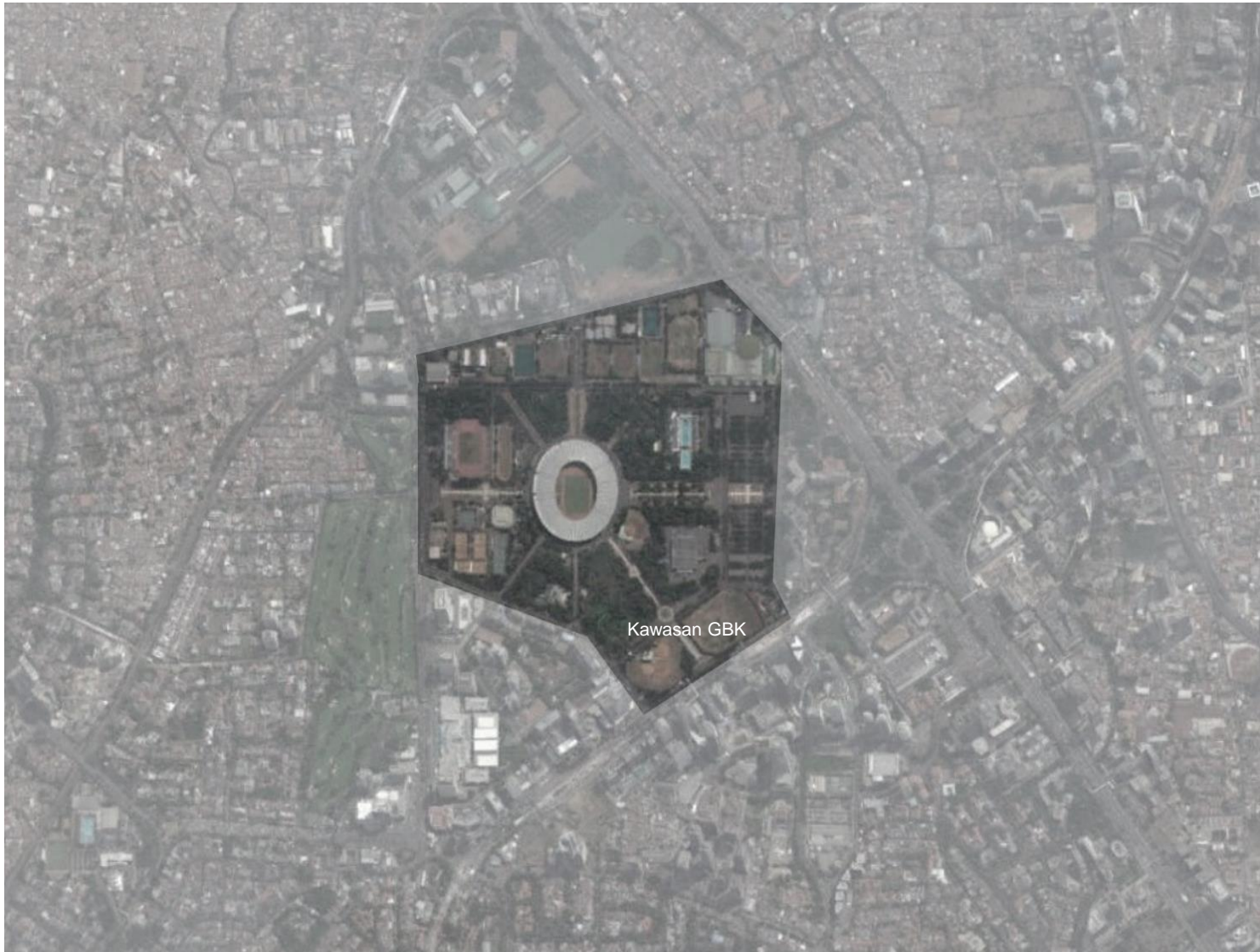
k

a q u a t i c  
c e n t e r  
g b k

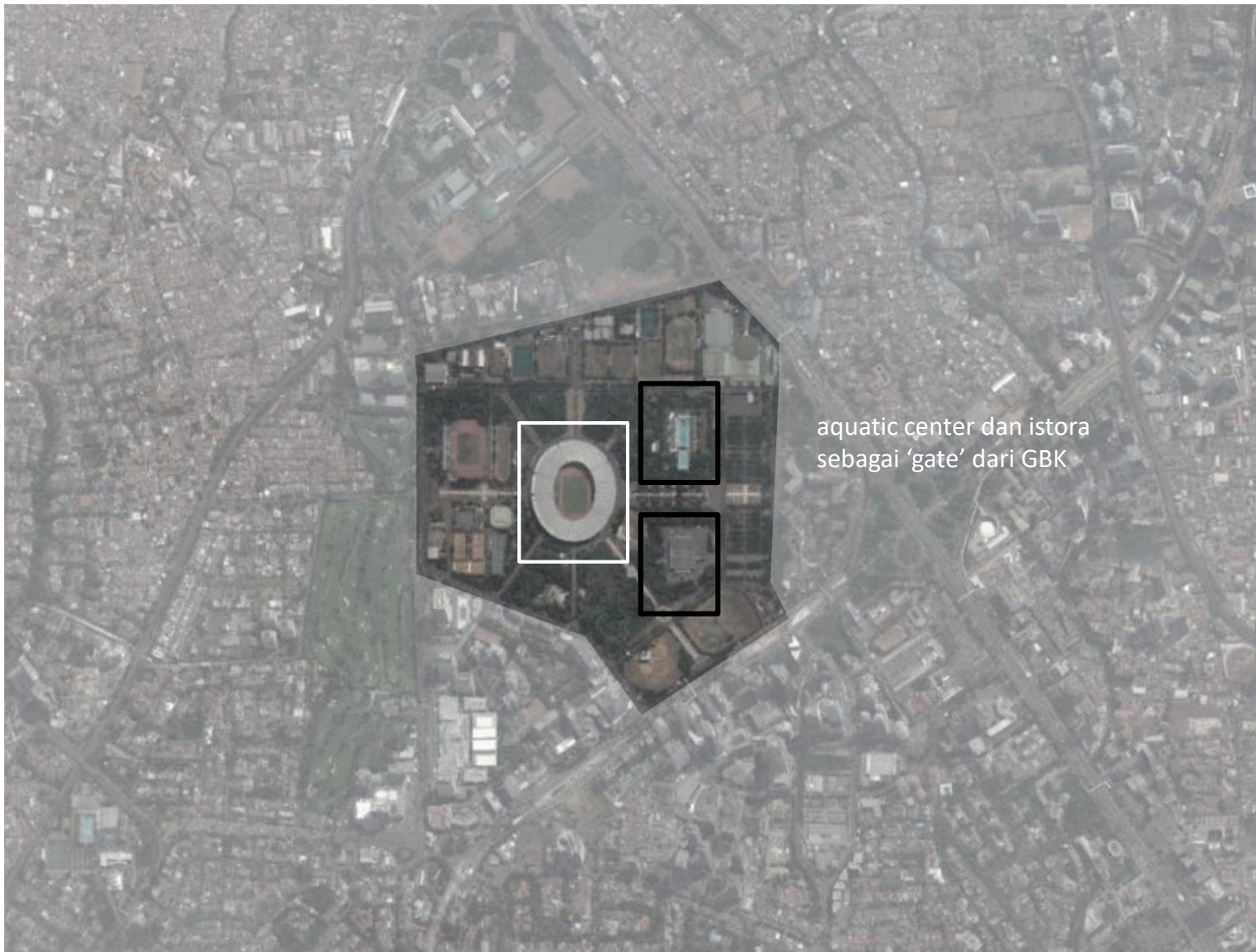


r e n c a n a   t a p a k

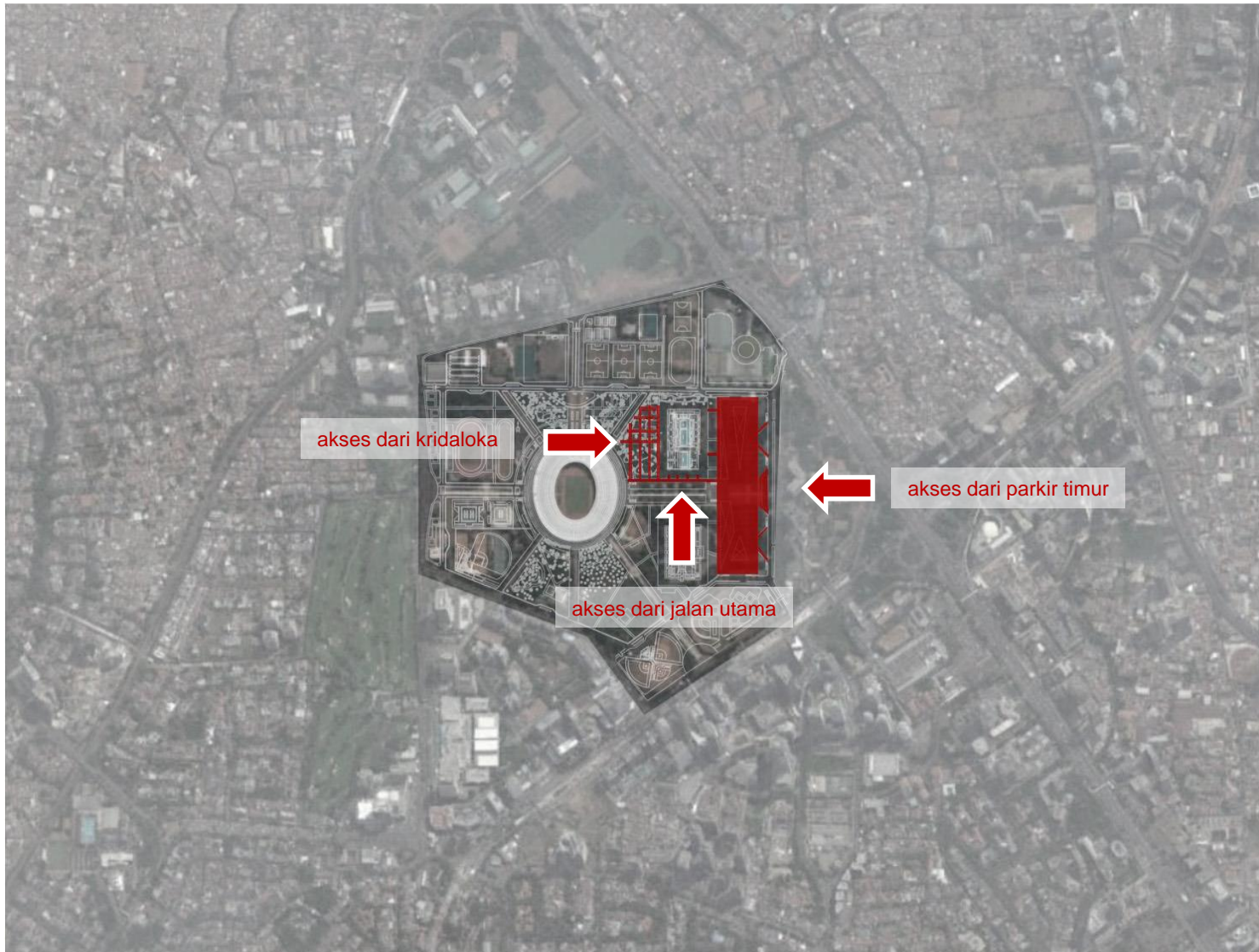








aquatic center dan istora  
sebagai 'gate' dari GBK



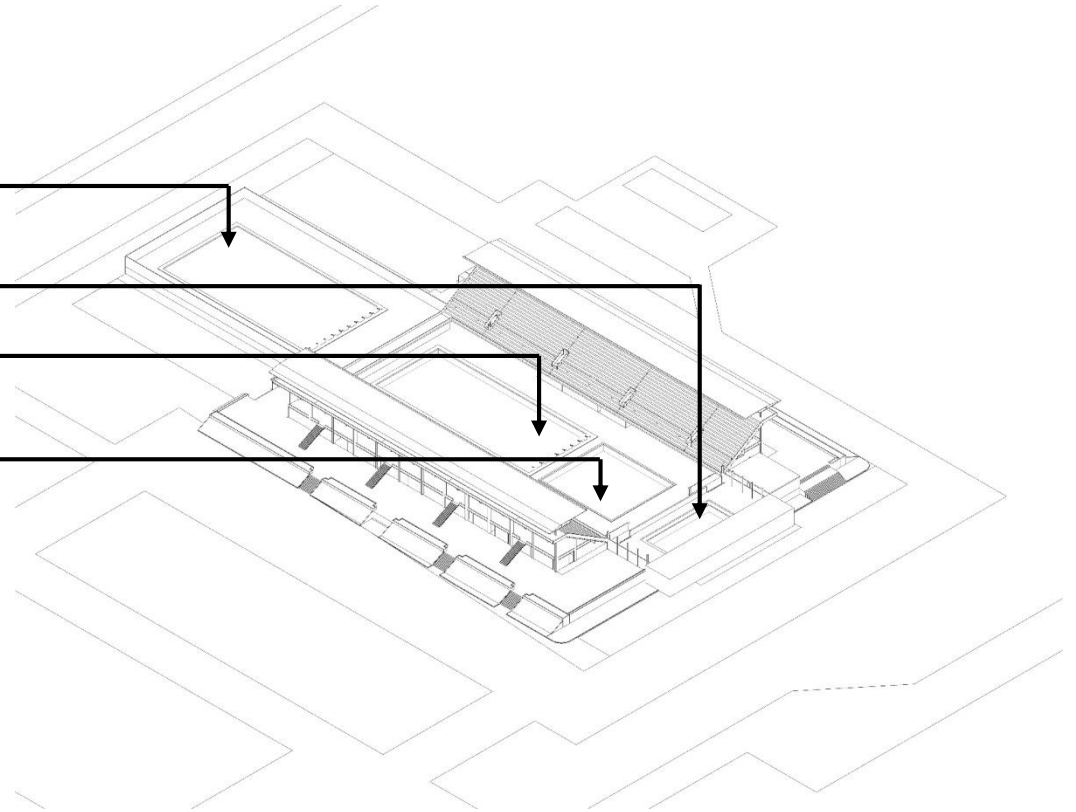


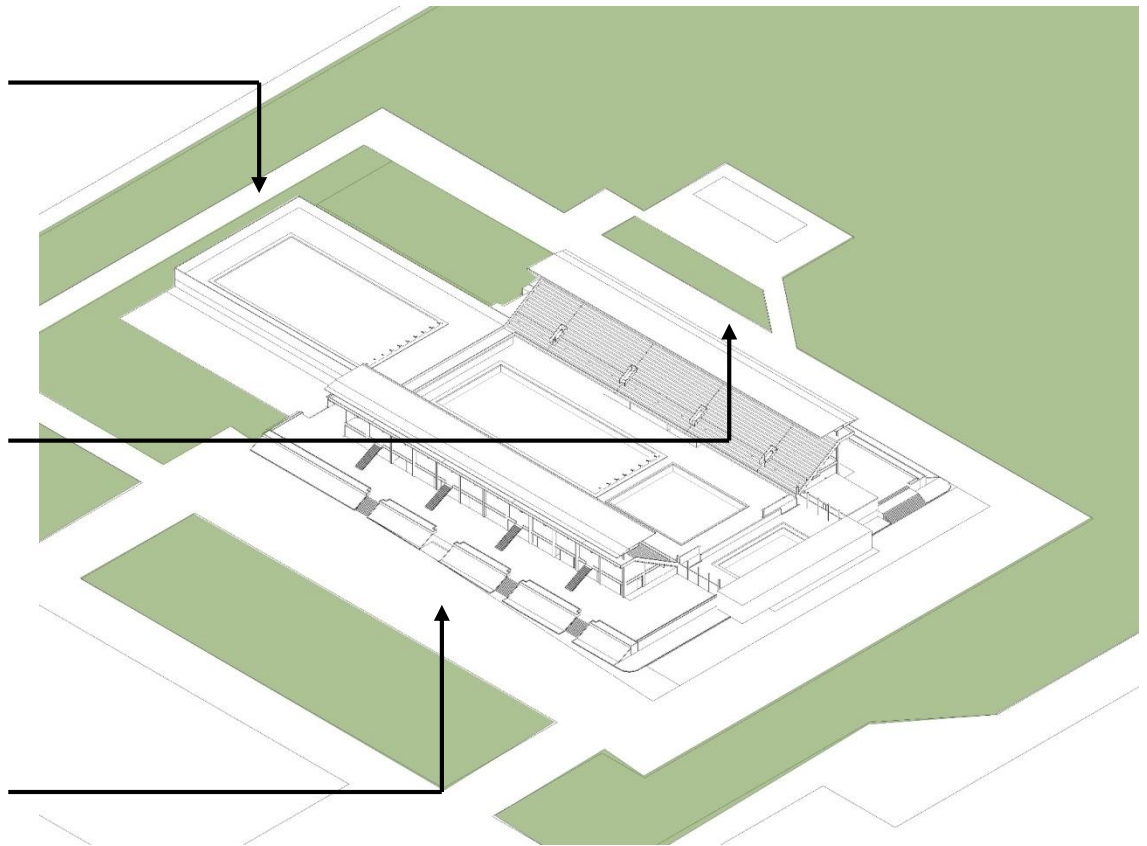
kolam utama

kolam pemanasan

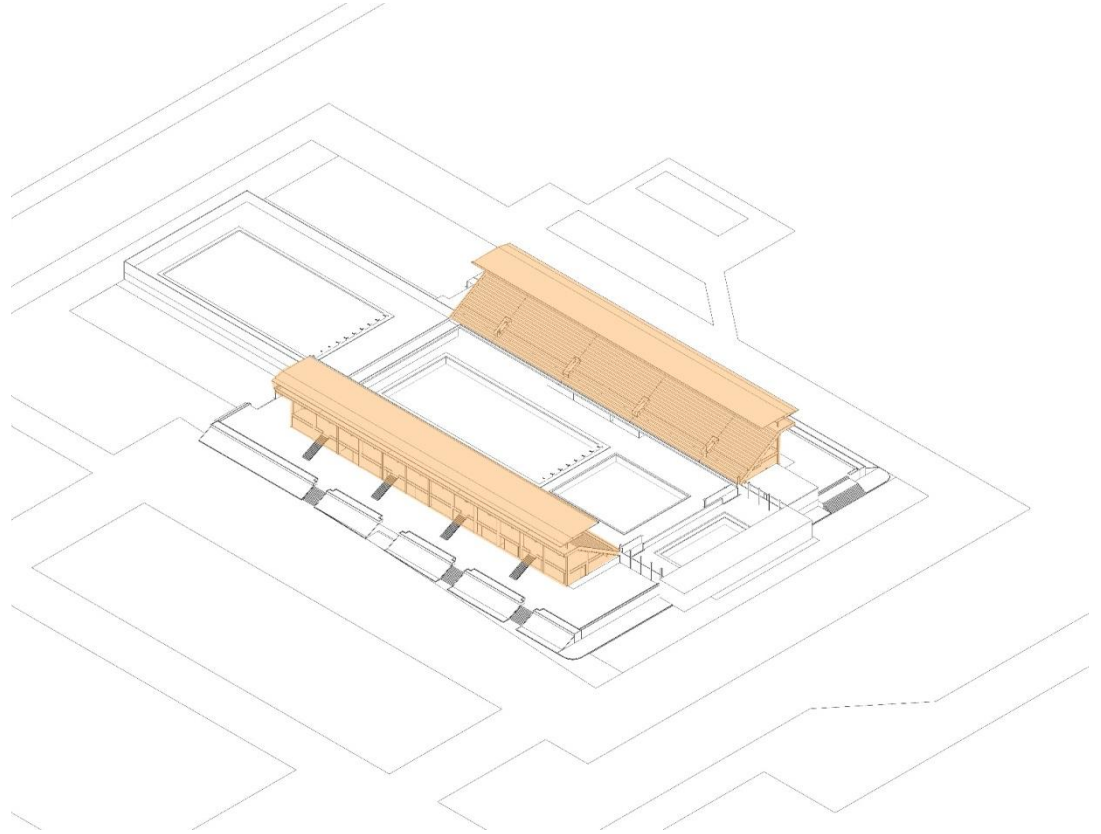
kolam loncat indah

kolam renang indah &  
air





kondisi sekeliling site



tribun area (preserved)



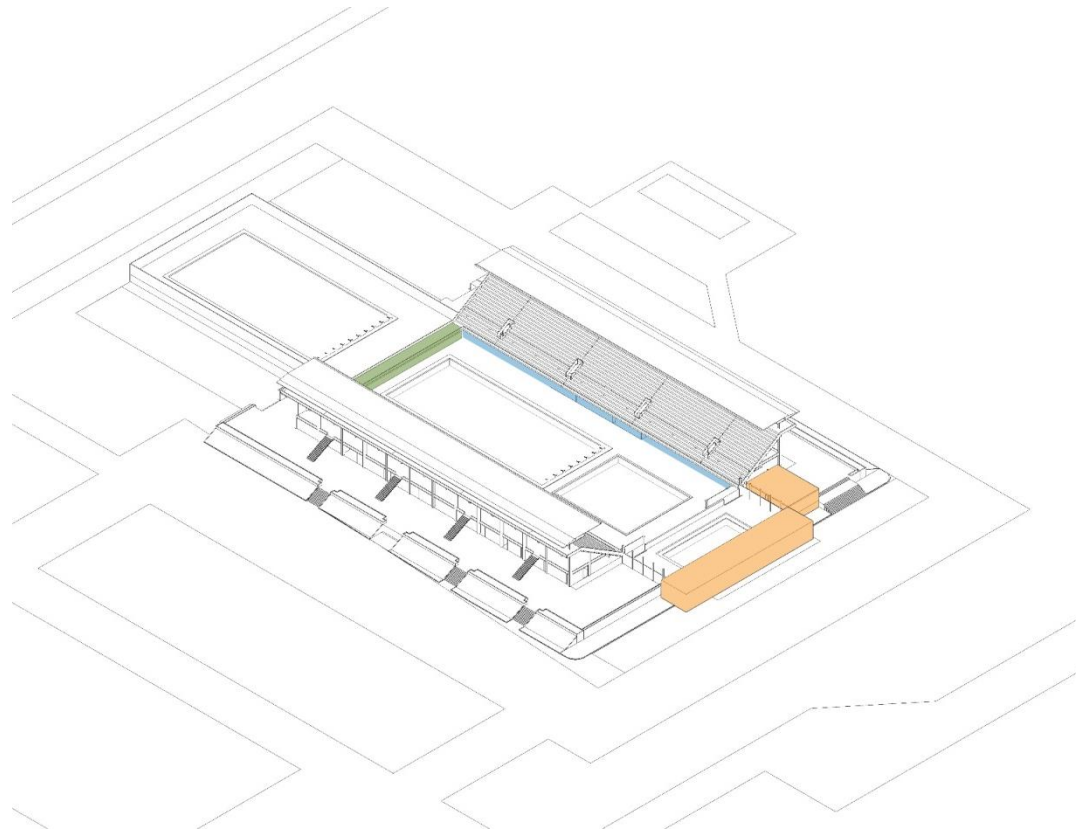
kolam pelatihan



jembatan & scoring  
board

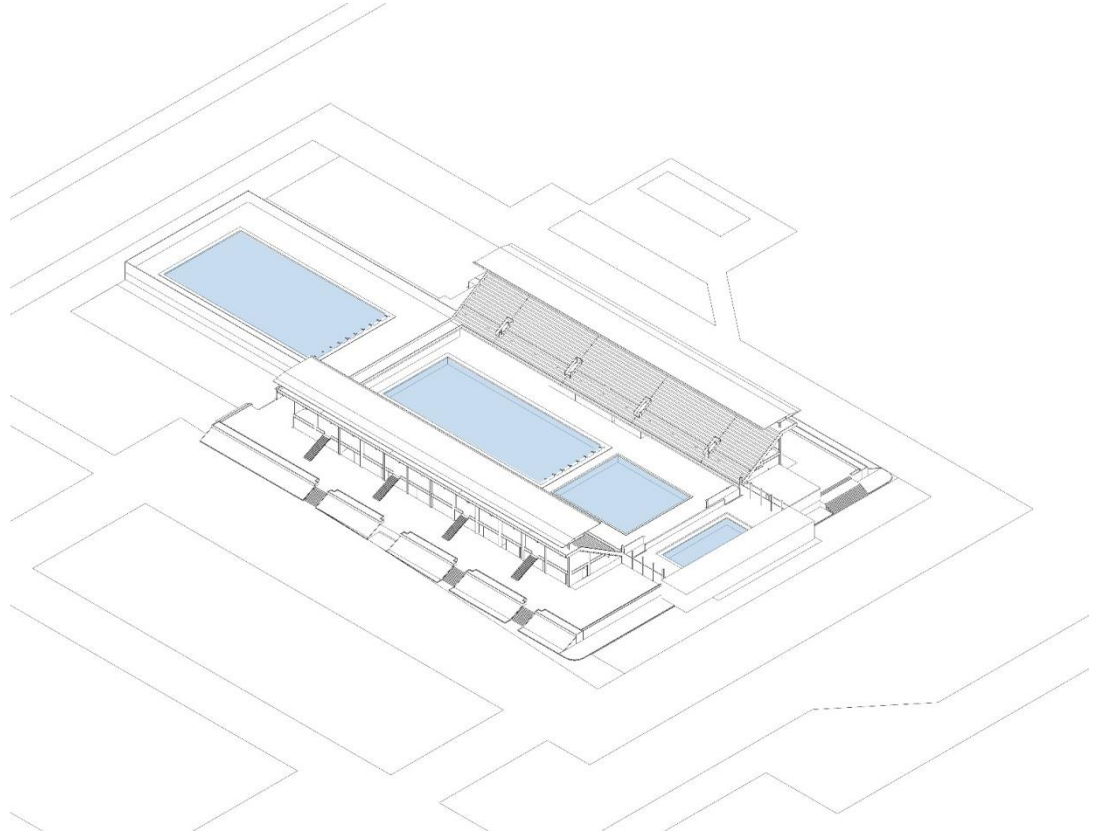


r. sekretariat  
pertandingan



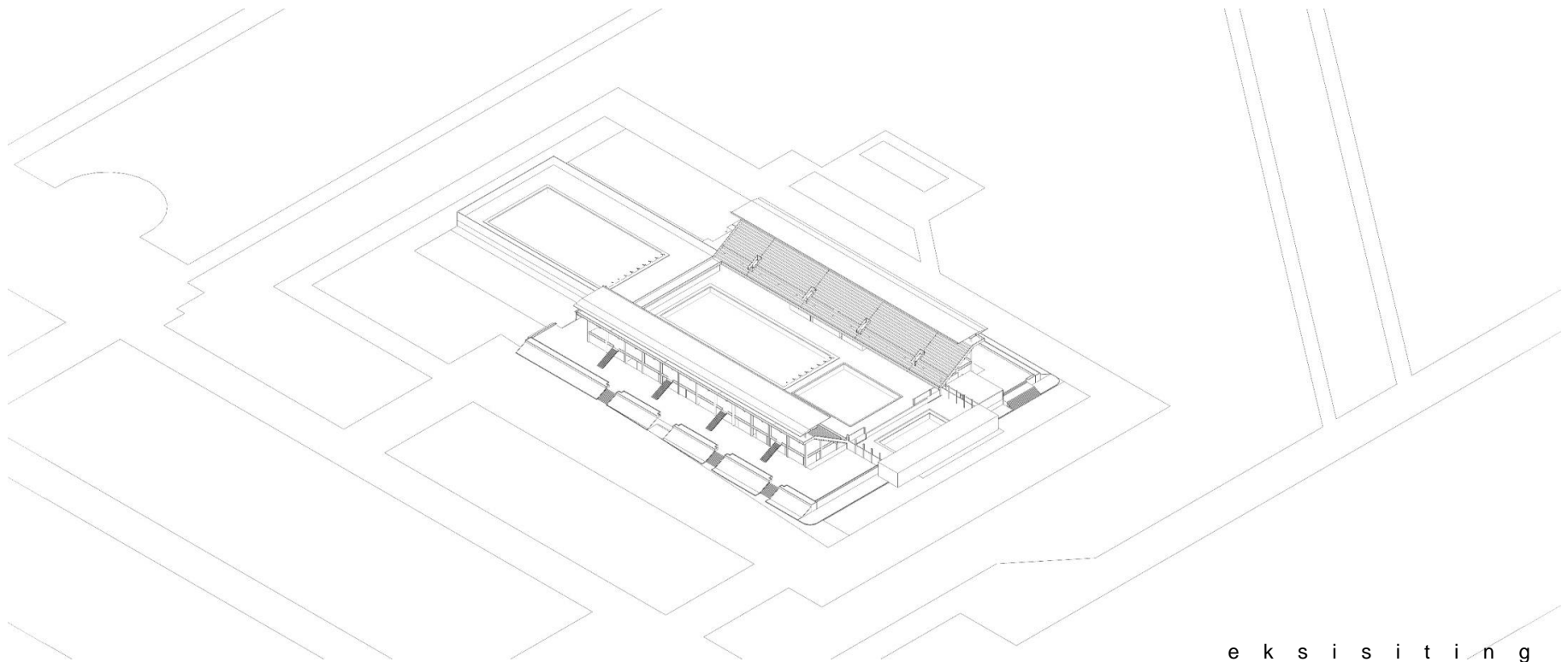
fasilitas kolam yang harus di perbaiki /  
upgrade



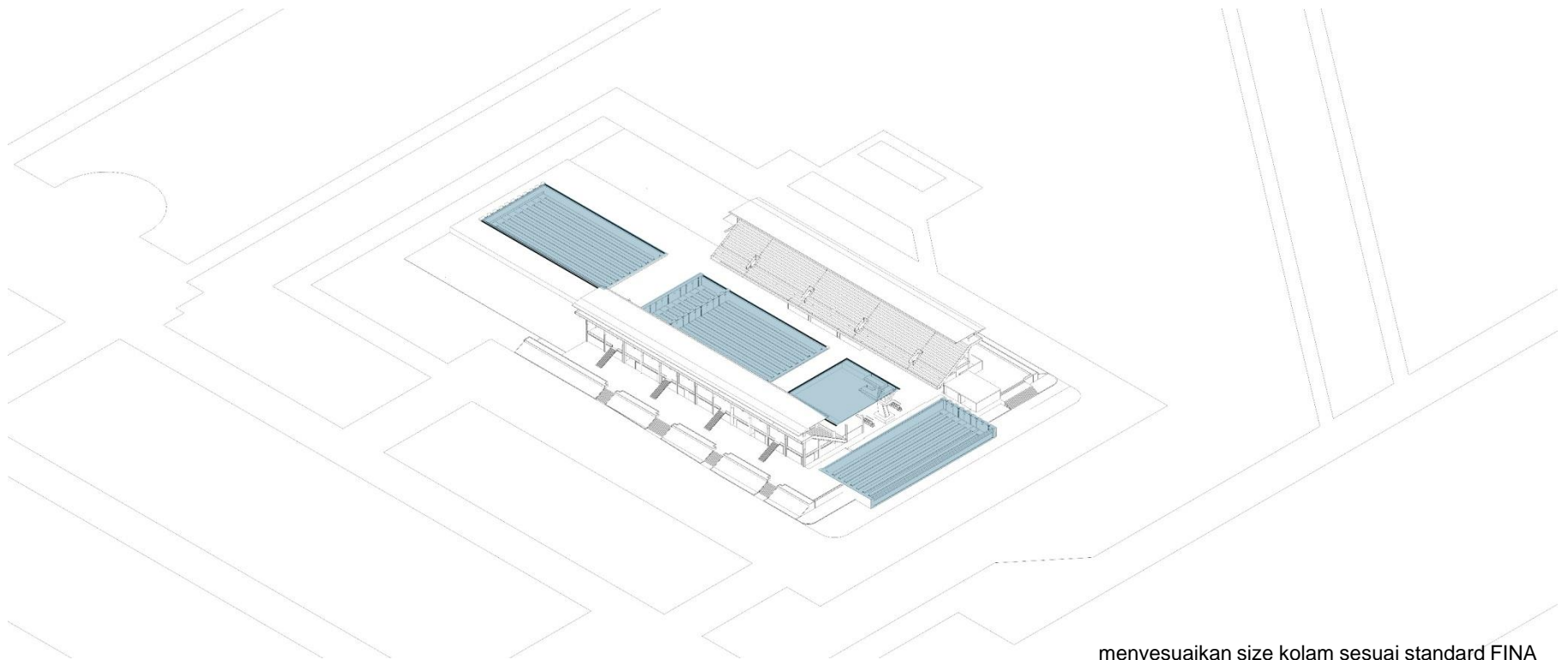


kondisi kolam renang eksisting

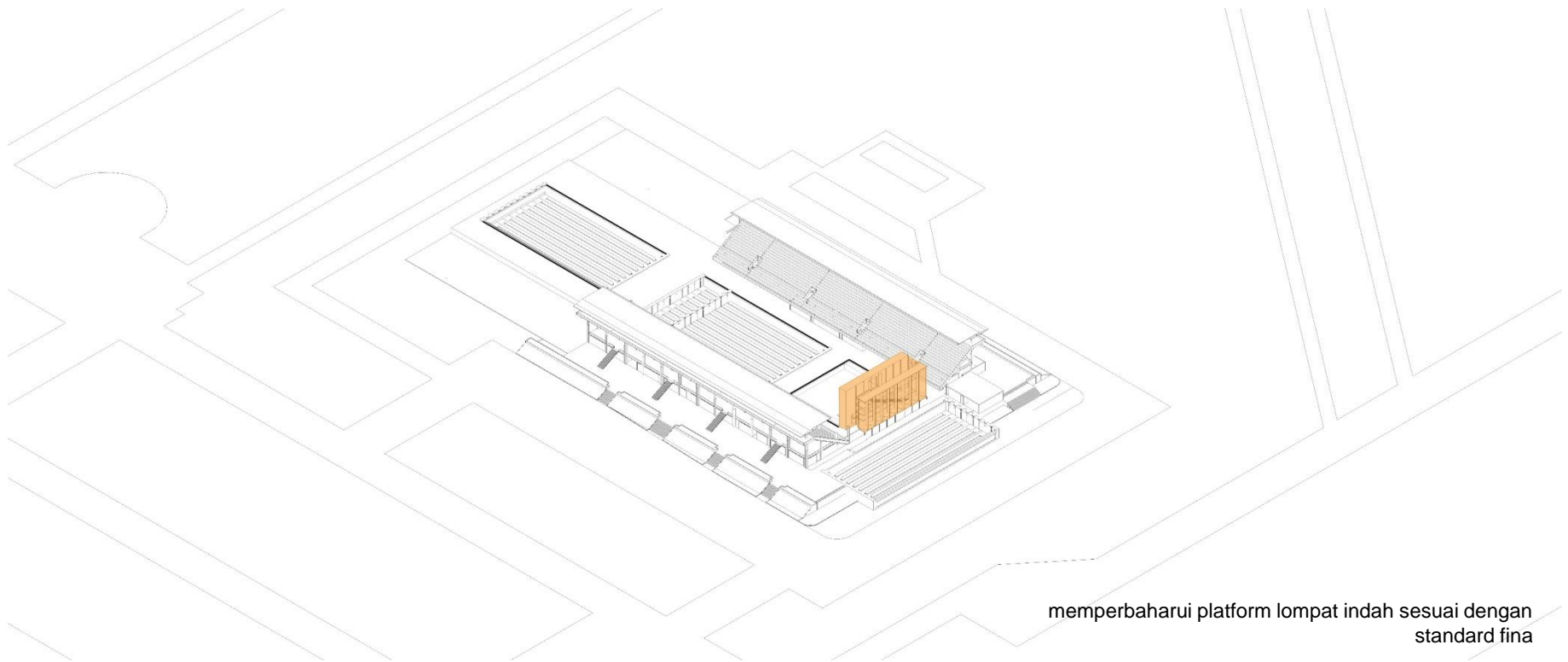
g e n e r a l  
i d e a



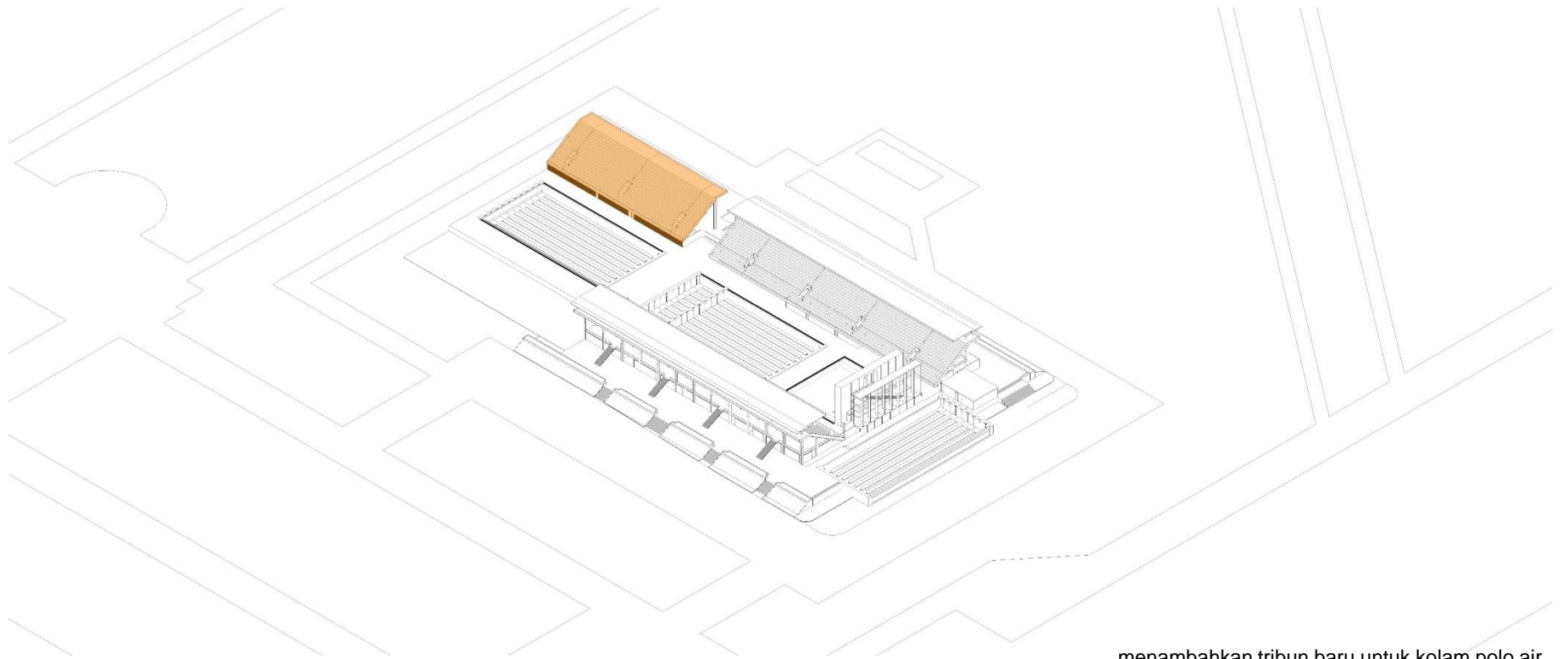
e k s i s i t i n g



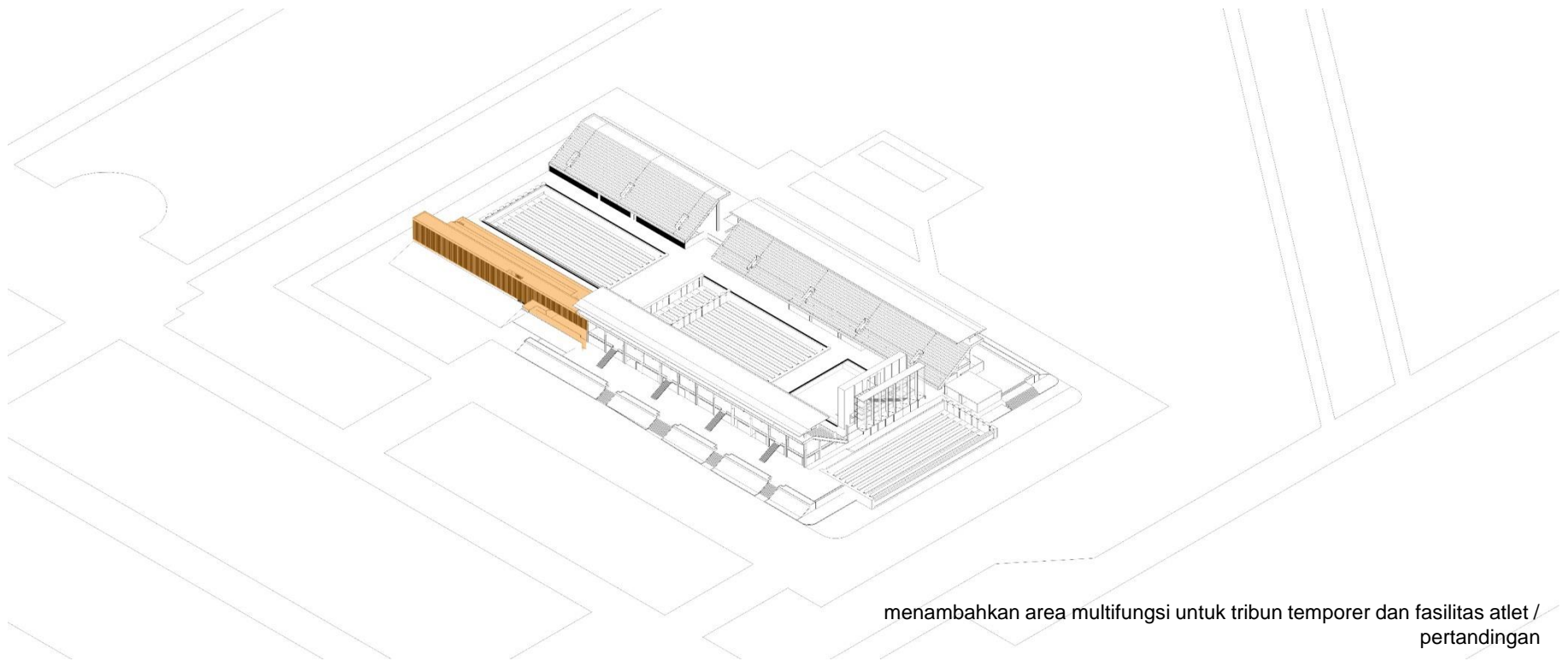
menyesuaikan size kolam sesuai standard FINA



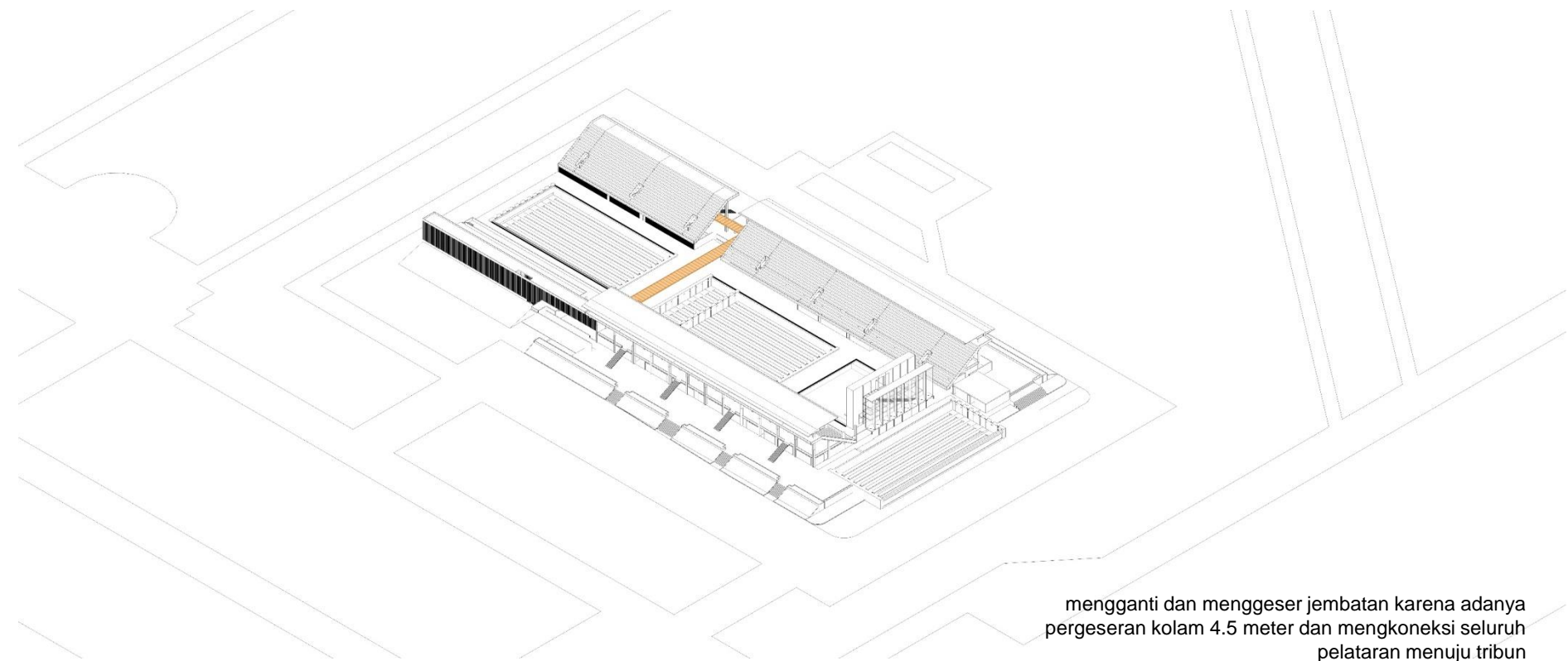
memperbaharui platform lompat indah sesuai dengan  
standard fina



menambahkan tribun baru untuk kolam polo air

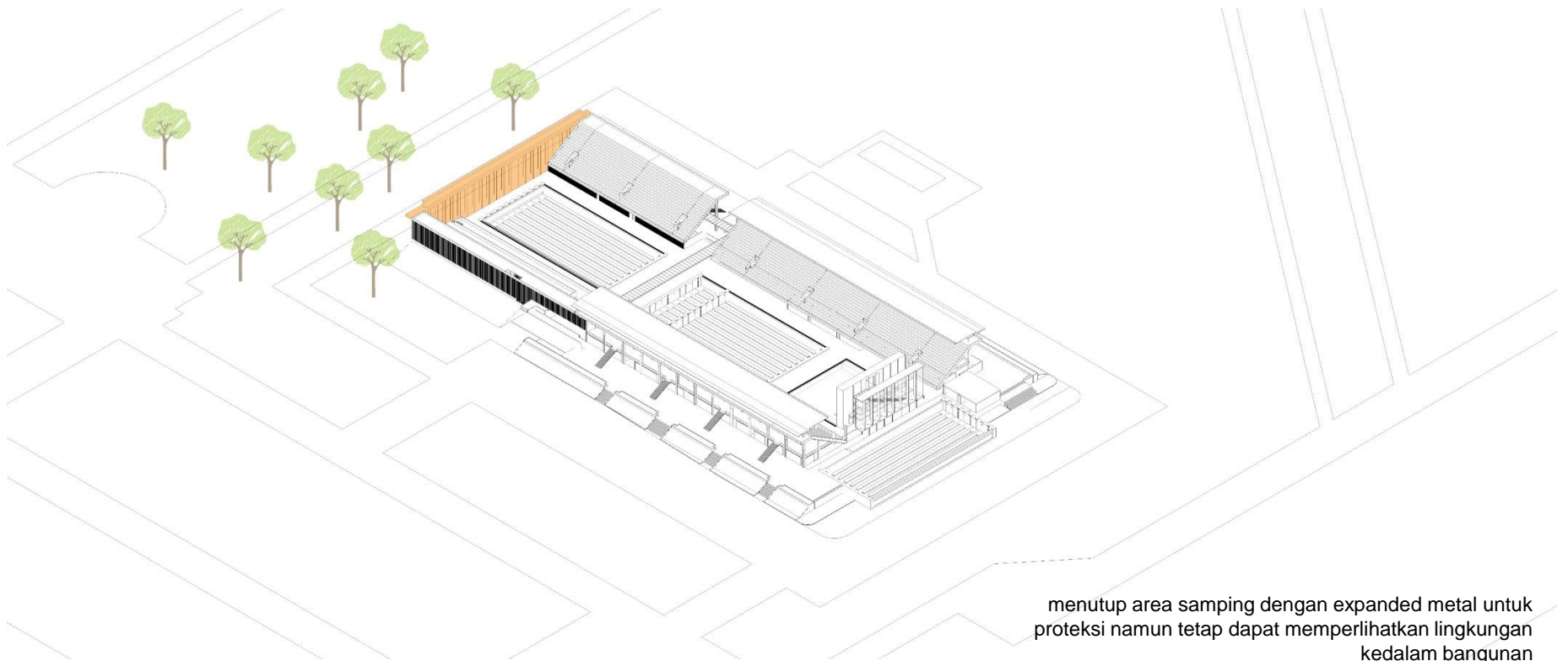


menambahkan area multifungsi untuk tribun temporer dan fasilitas atlet / pertandingan

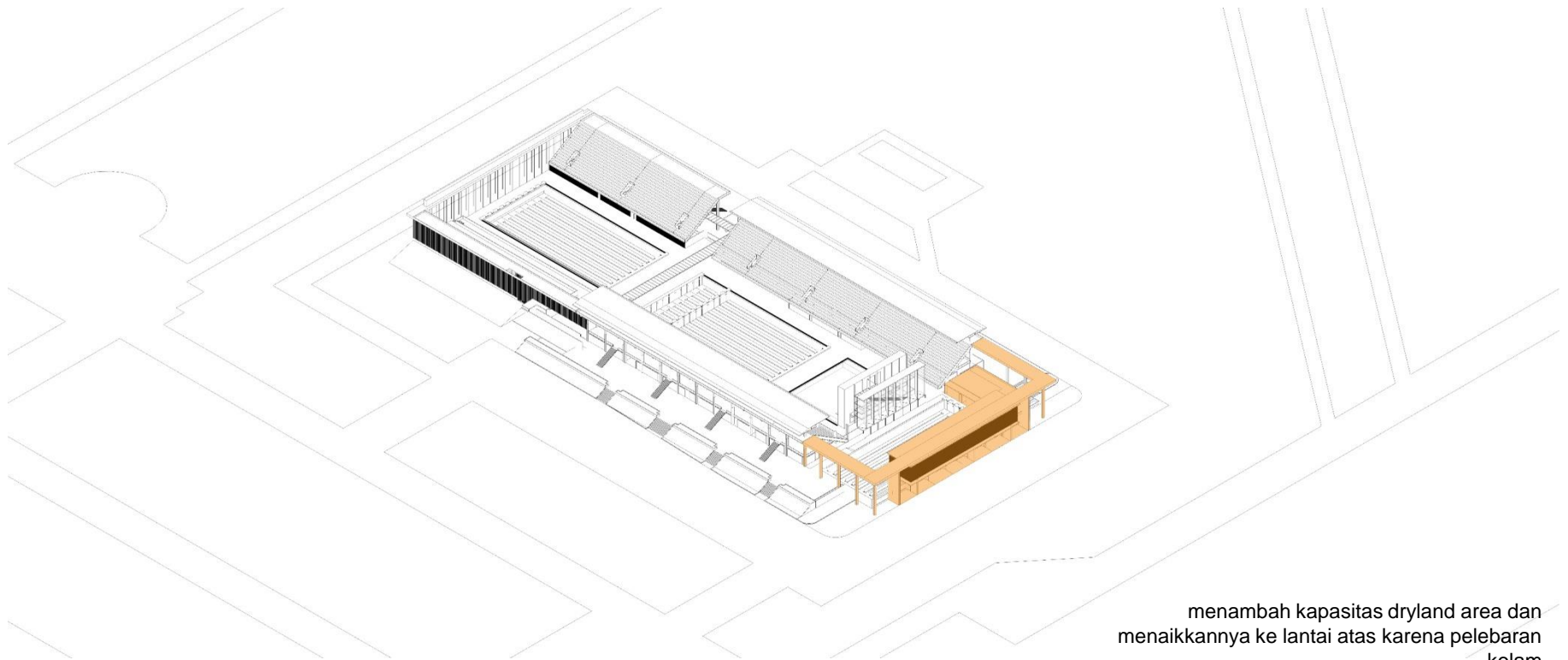


mengganti dan menggeser jembatan karena adanya pergeseran kolom 4.5 meter dan mengkoneksi seluruh pelataran menuju tribun

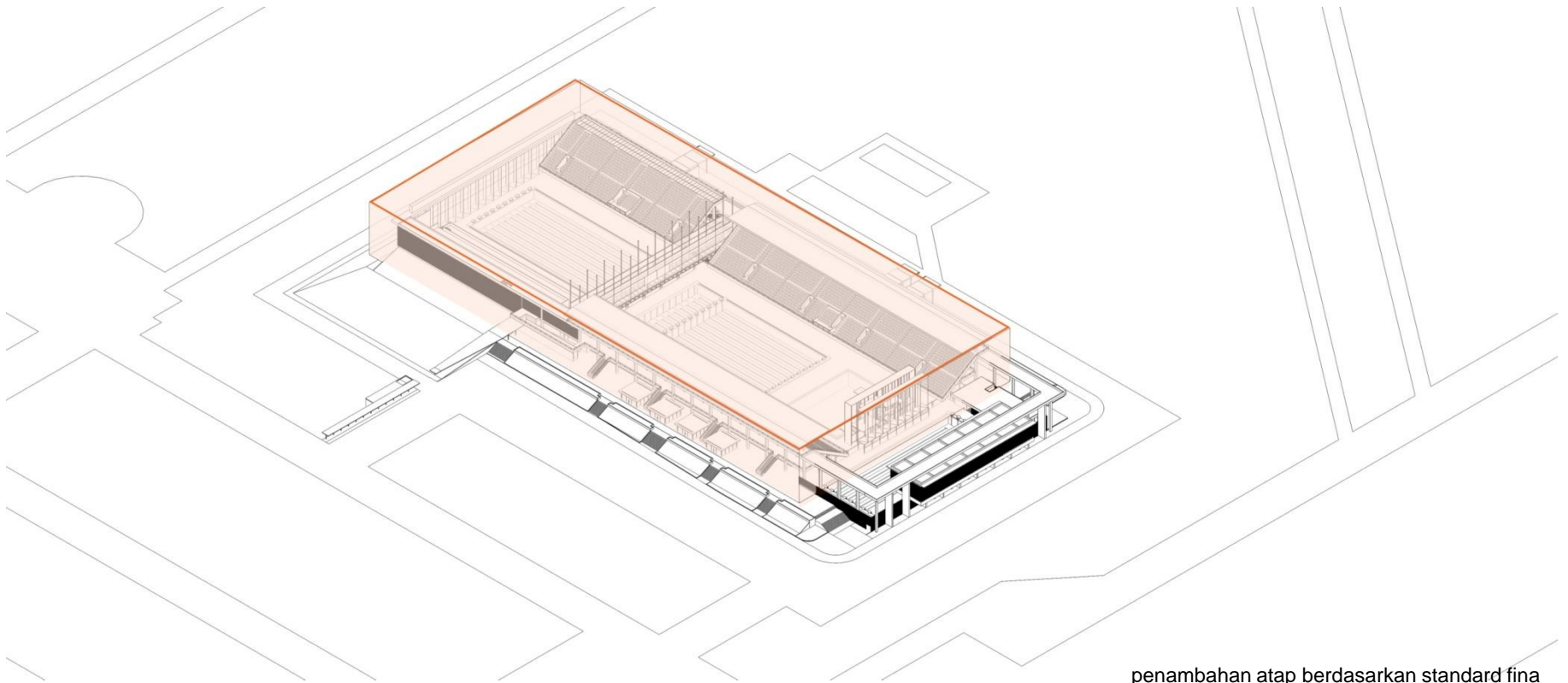




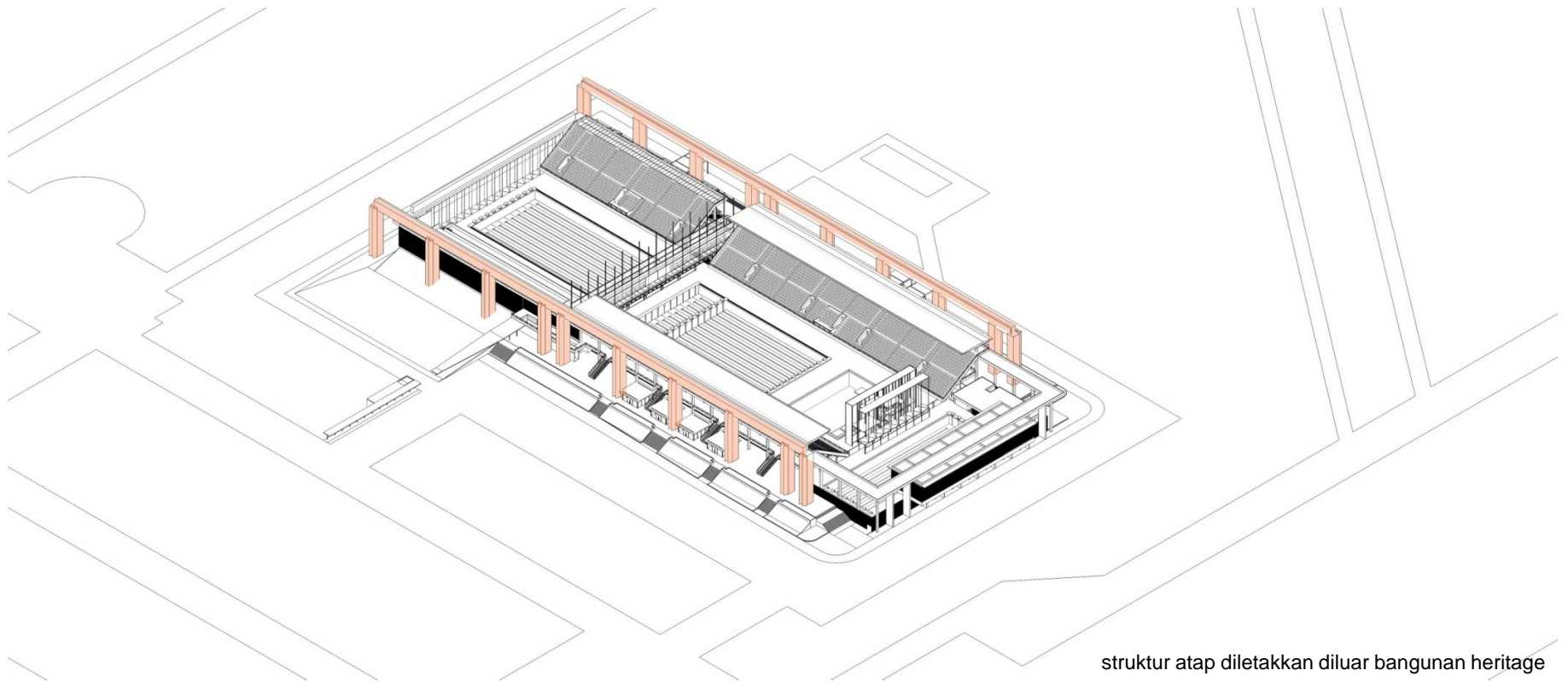
menutup area samping dengan expanded metal untuk proteksi namun tetap dapat memperlihatkan lingkungan kedalam bangunan



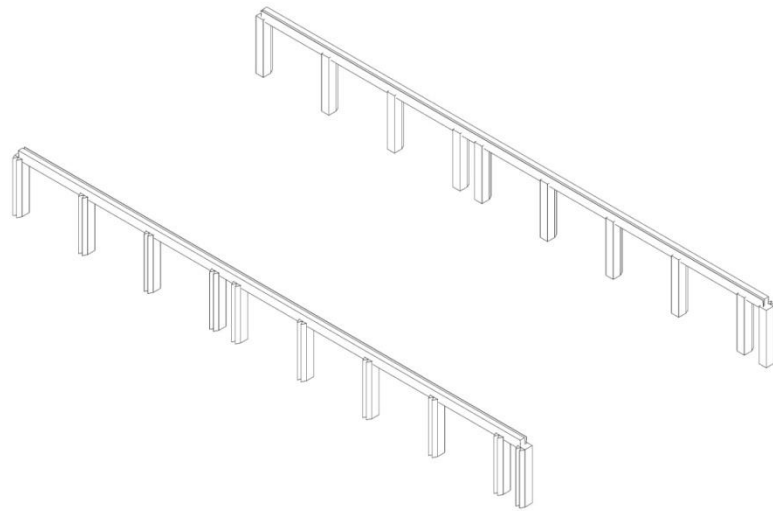
menambah kapasitas dryland area dan  
menaikkannya ke lantai atas karena pelebaran  
kolam



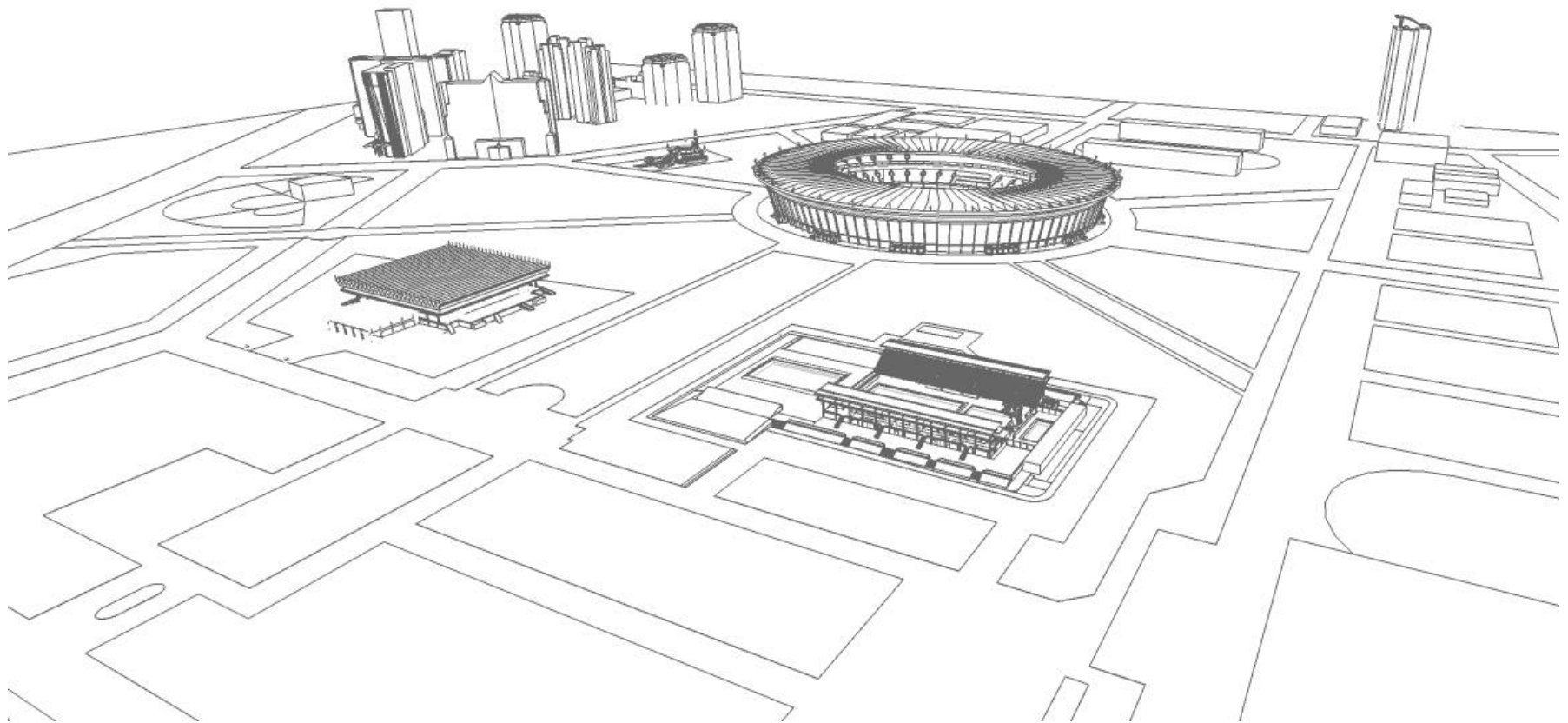
penambahan atap berdasarkan standard fina



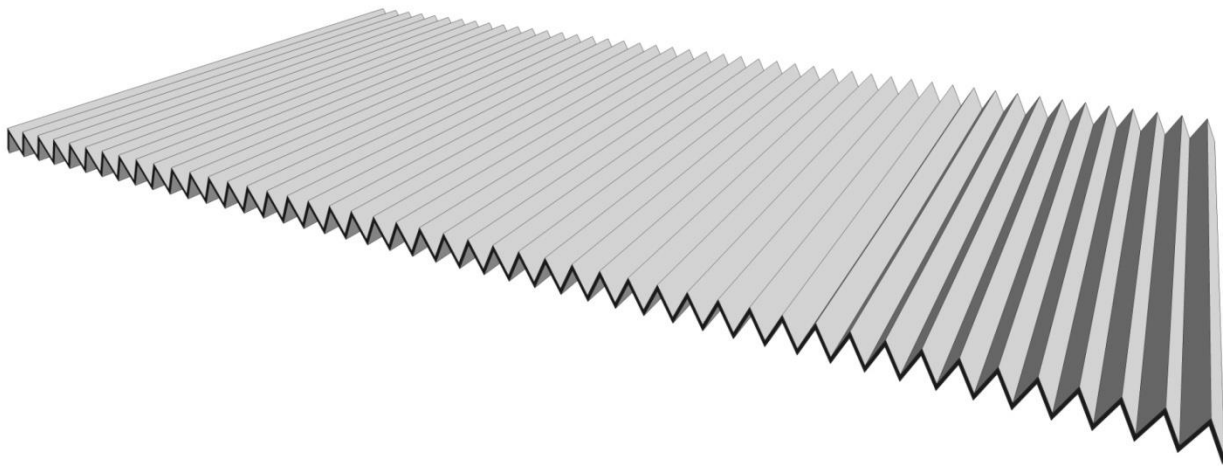
struktur atap diletakkan diluar bangunan heritage



struktur atap diletakkan diluar bangunan heritage



bentuk atap istora dan stadion utama



mengadaptasi bentuk atap istora dan gbk

EKSPRESI GBK | STATIS







EKSPRESI GBK

EKSPRESI LIQUID AQUATIC





STATIS

DINAMIS





KAKU

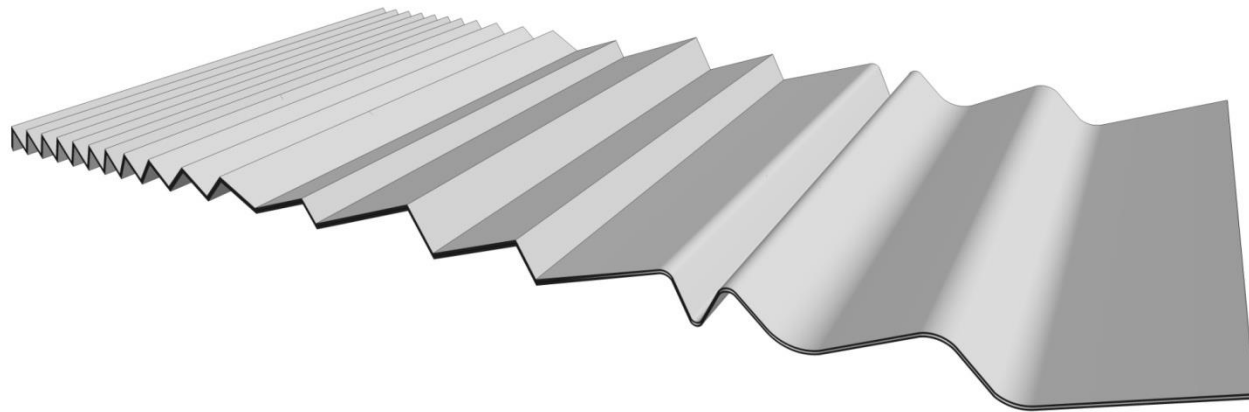
FLEKSIBEL





MASA LALU

MASA KINI



transformasi bentuk menjadi gelombang  
ekspresi gbk—ekspresi aquatic center | history—present | statis—  
dinamis



← STRUKTUR RUMIT| PERULANGAN TERHADAP ISTORA ?



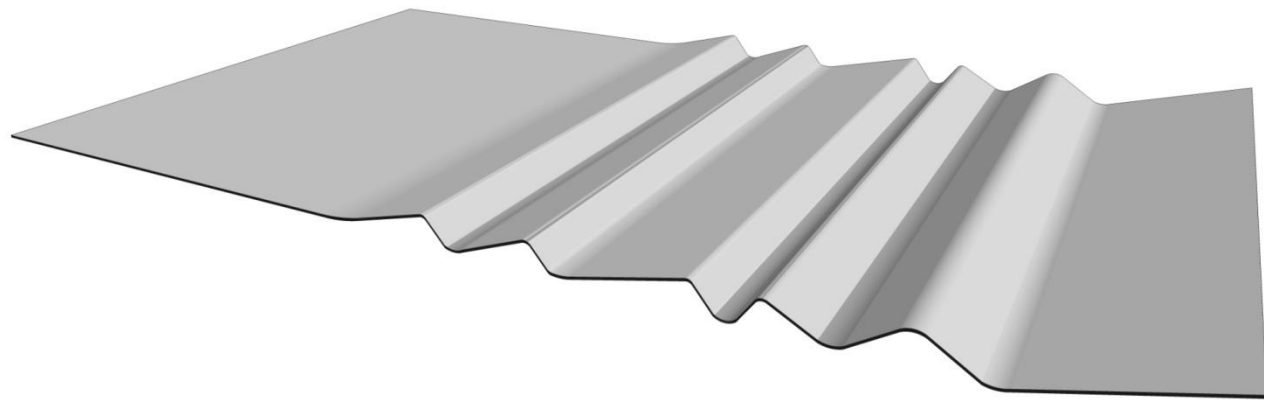
← MENYEDERHANAKAN BENTUK



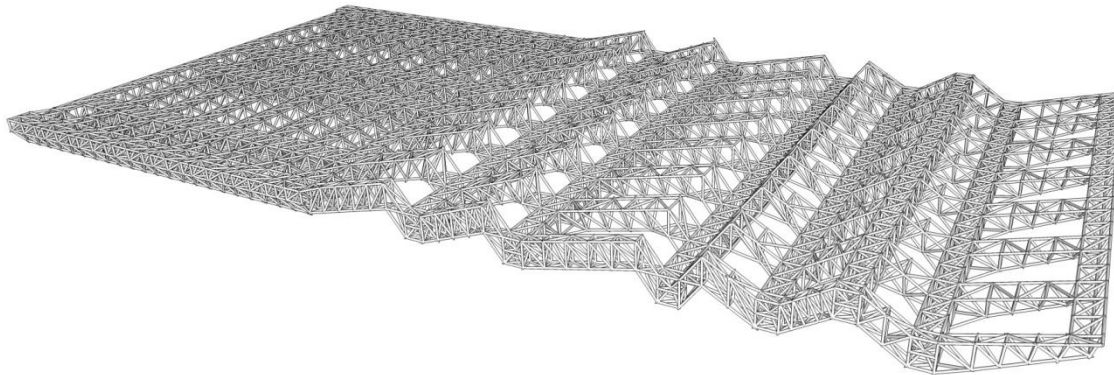
KONSEP AIR DATAR—BERGELOMBANG



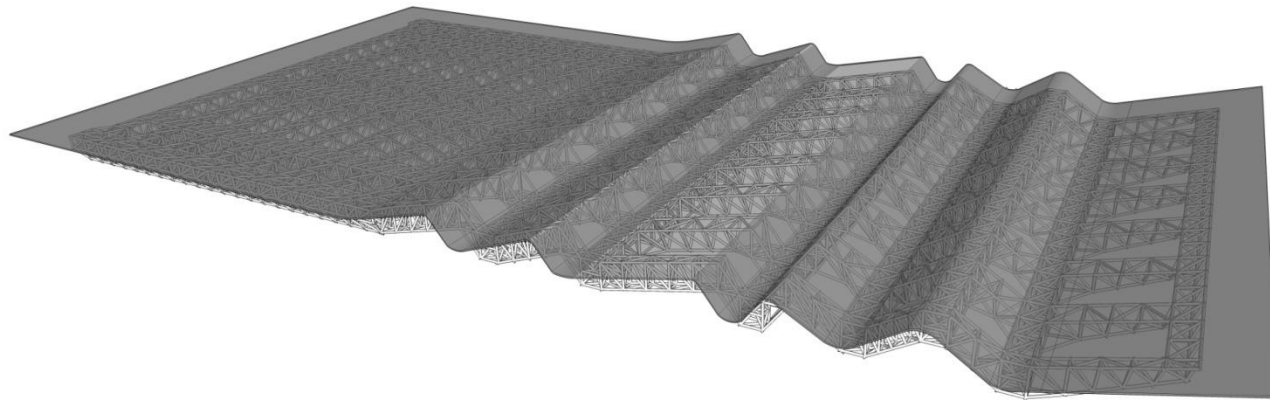




menyederhanakan bentuk atap, konsep air



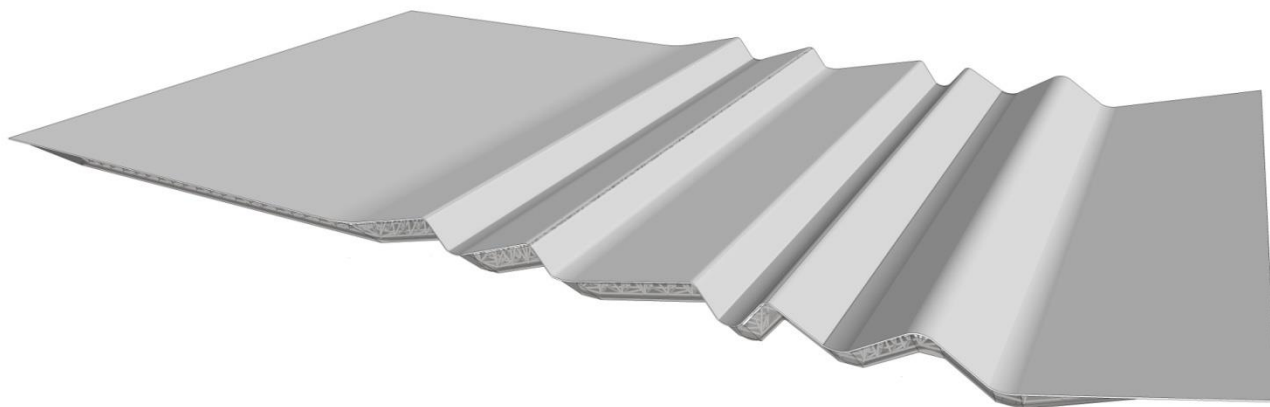
+ spaceframe



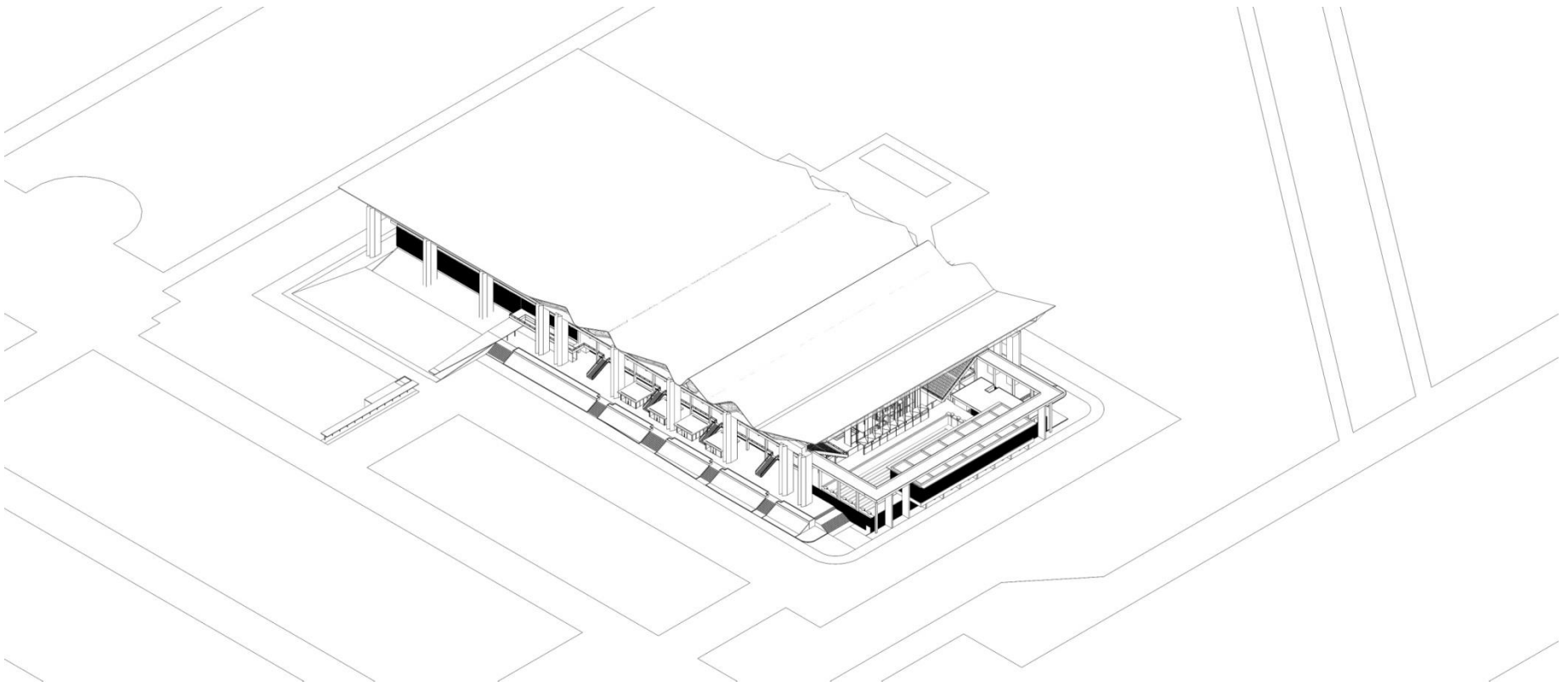
+ penutup atap



+ expanded metal

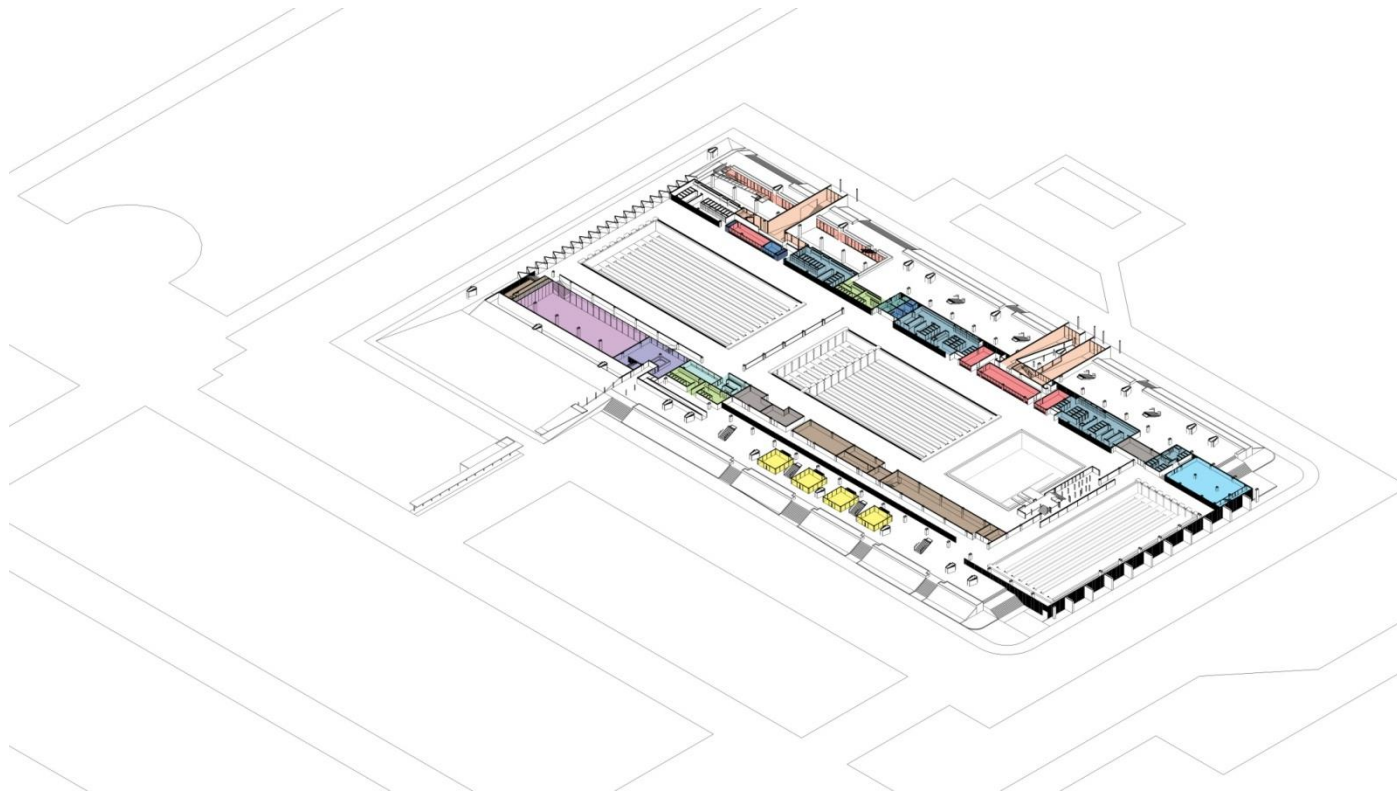


hasil akhir



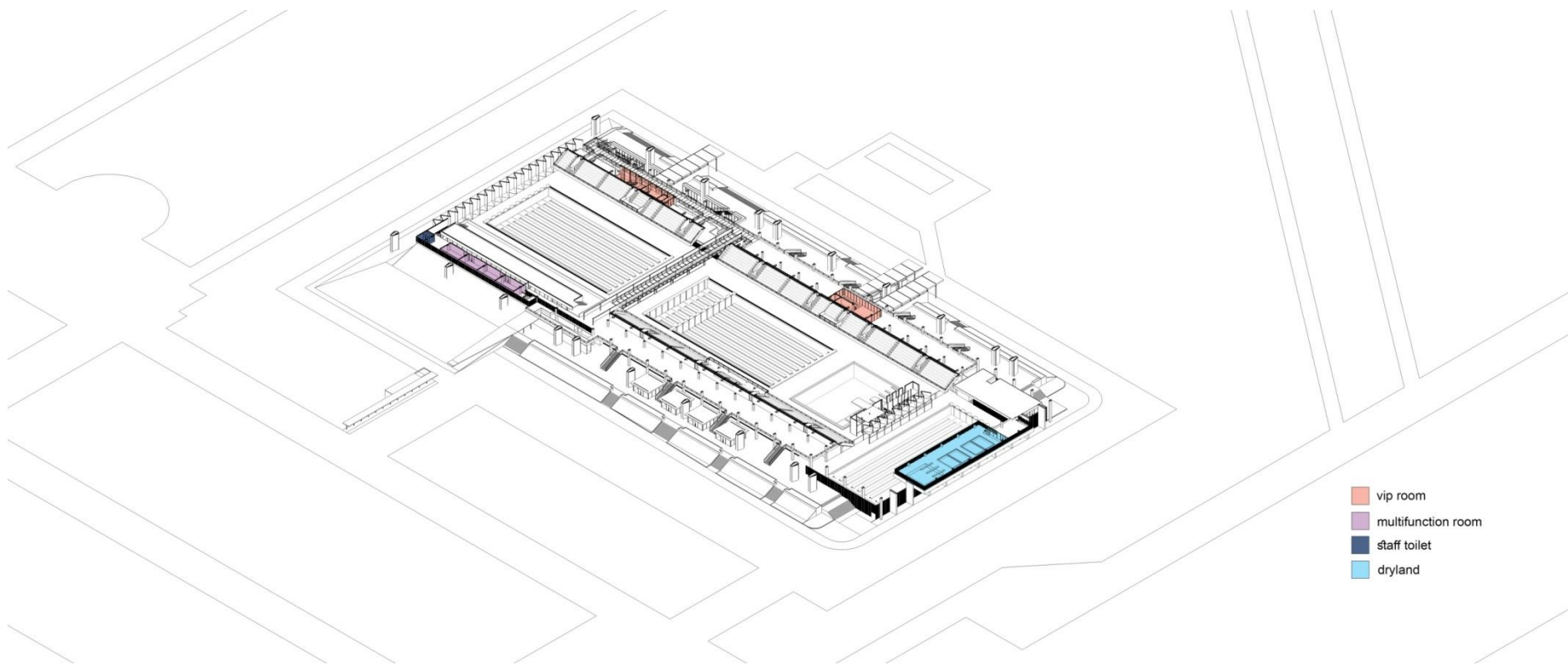
atap aquatic center



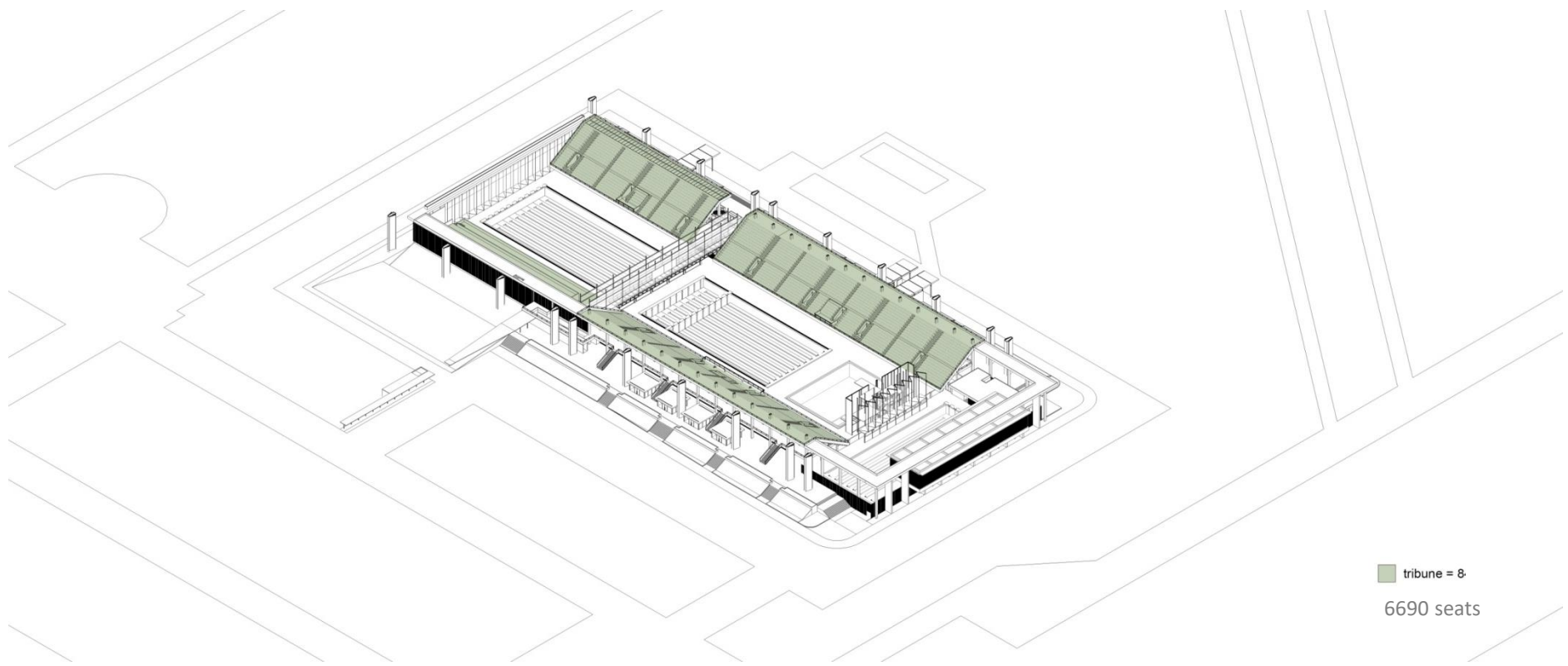


- athlete & vip lobby
- vip room
- spectator & control room
- multifunction room
- pers lobby / hall of fame
- staff toilet
- dopping room
- dryland
- changing & shower room
- medical room
- prayer room
- public toilet
- commercial retail
- mep room
- storage



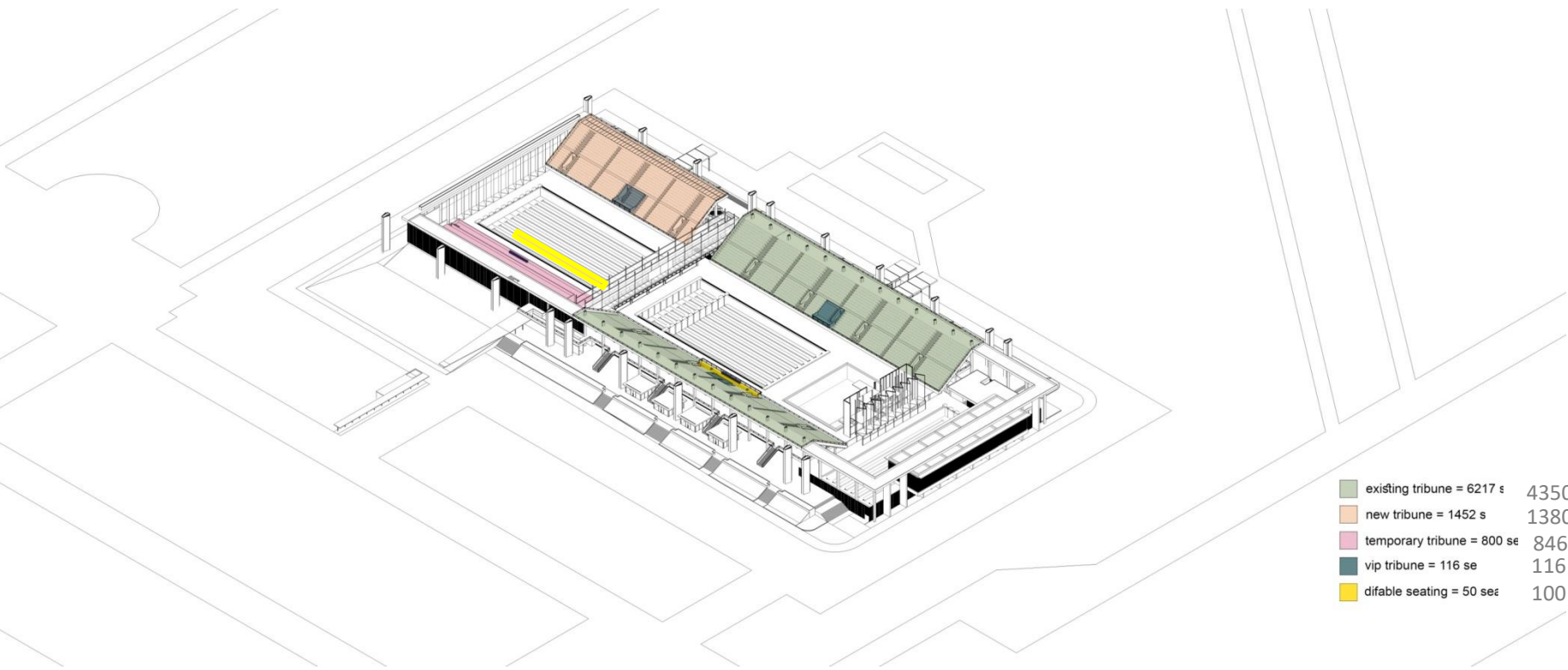


- vip room
- multifunction room
- staff toilet
- dryland



tribune = 8  
6690 seats

lantai tribun



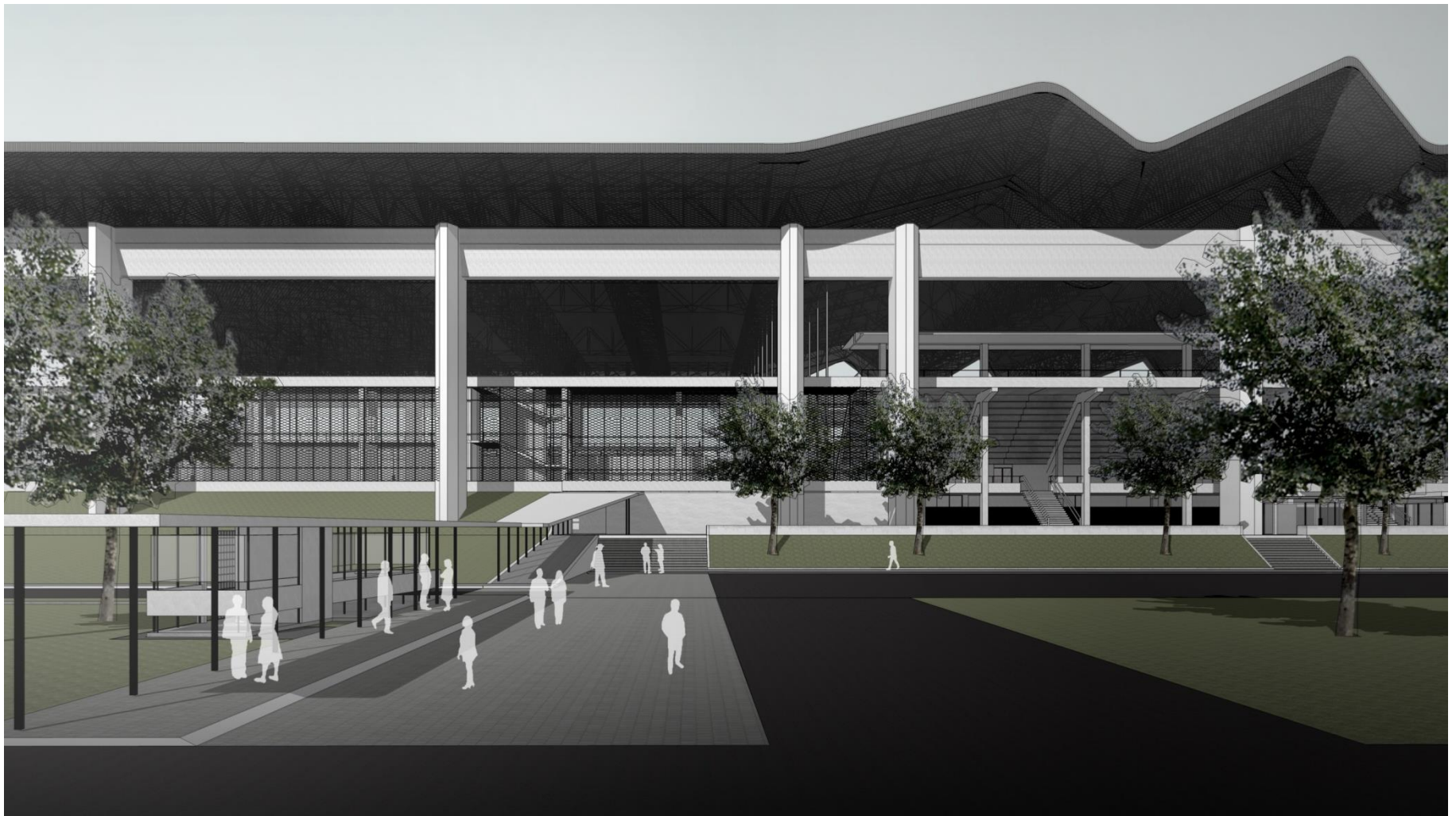
existing tribune = 6217 s	4350 seats
new tribune = 1452 s	1380 seats
temporary tribune = 800 se	846 seats
vip tribune = 116 se	116 seats
difable seating = 50 se	100 seats

jumlah kursi tribun

b e f o r e  
a n d  
a f t e r



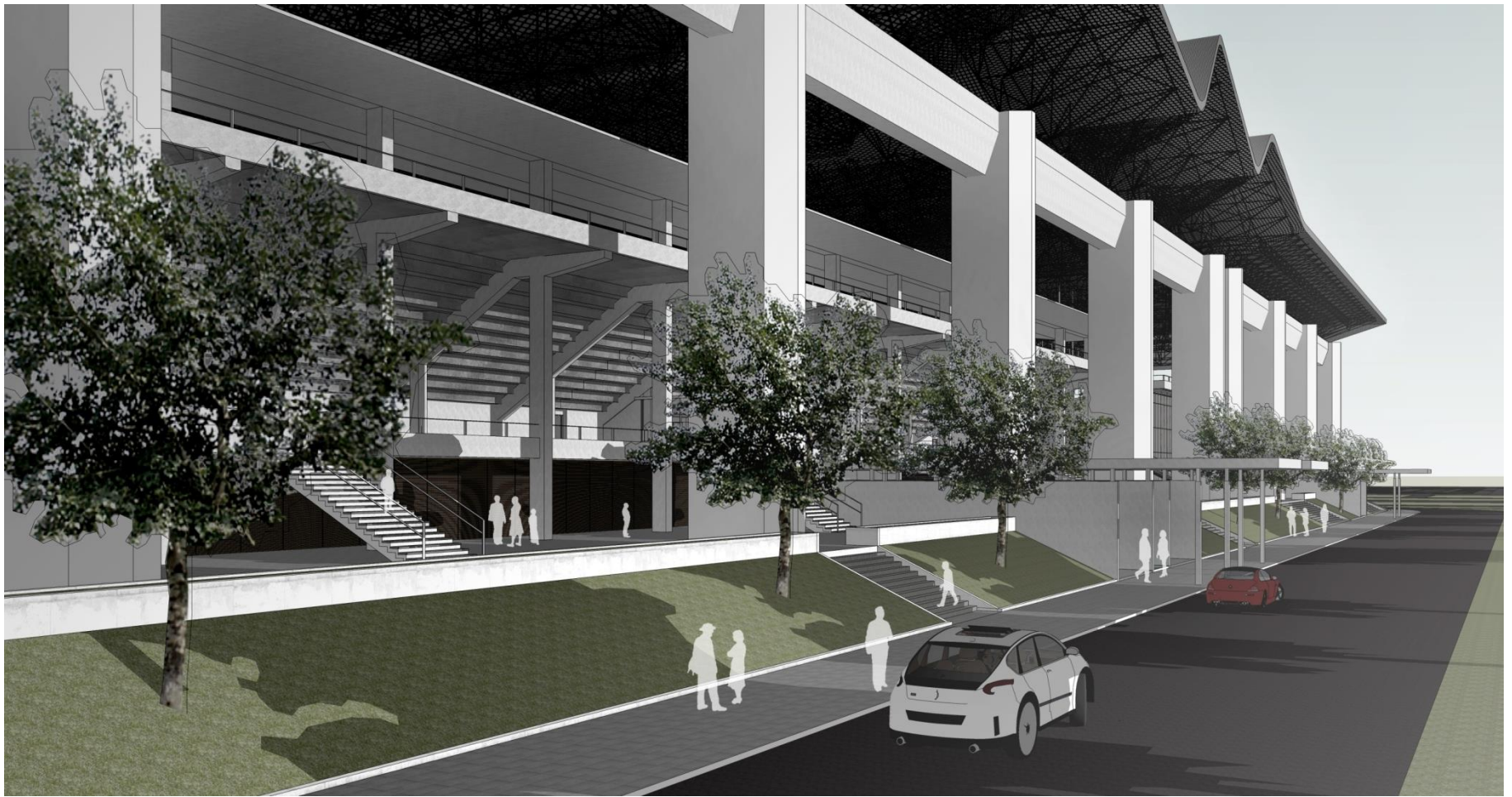
e k s i s i t i n g



E n t r a n c e  
t i m u r



e k s i s i t i n g



vip & athlete lobby





existing



V i p & a t h l e t e  
l o b b y



e k s i s i t i n g



V i p & a t h l e t e  
l o b b y

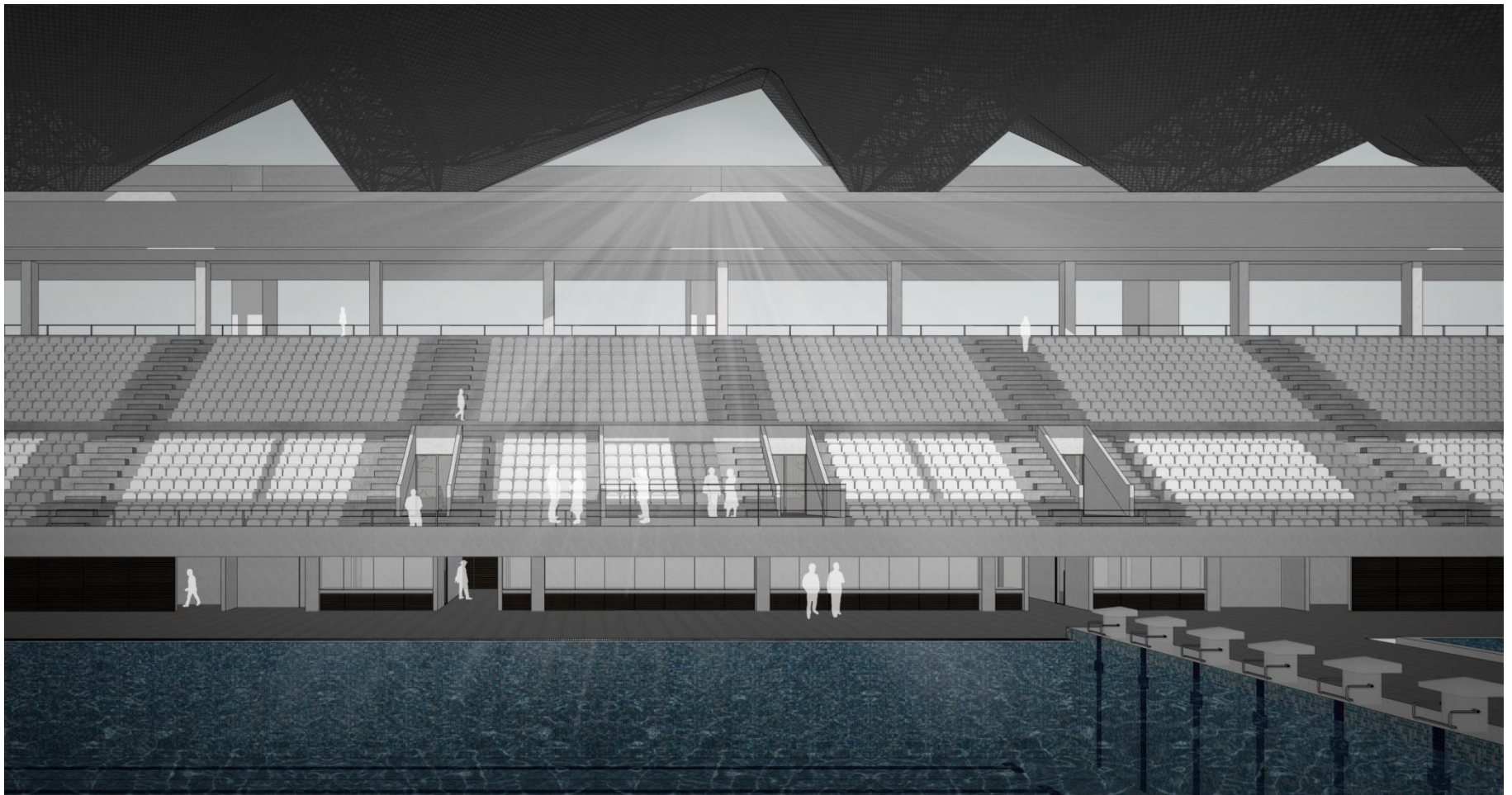


e k s i s i t i n g





e k s i s i t i n g

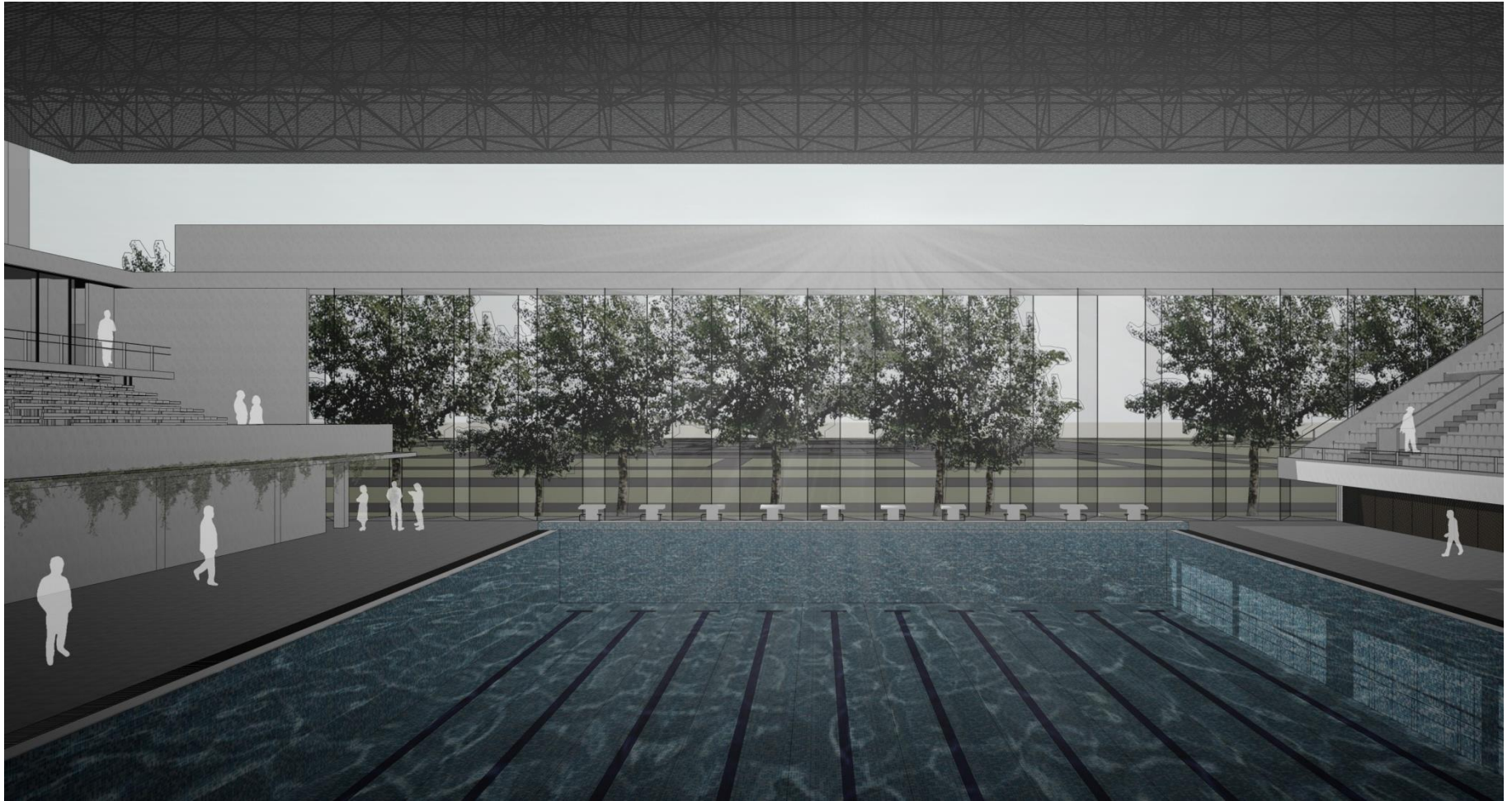


M a i n p o o l &  
t r i b u n e





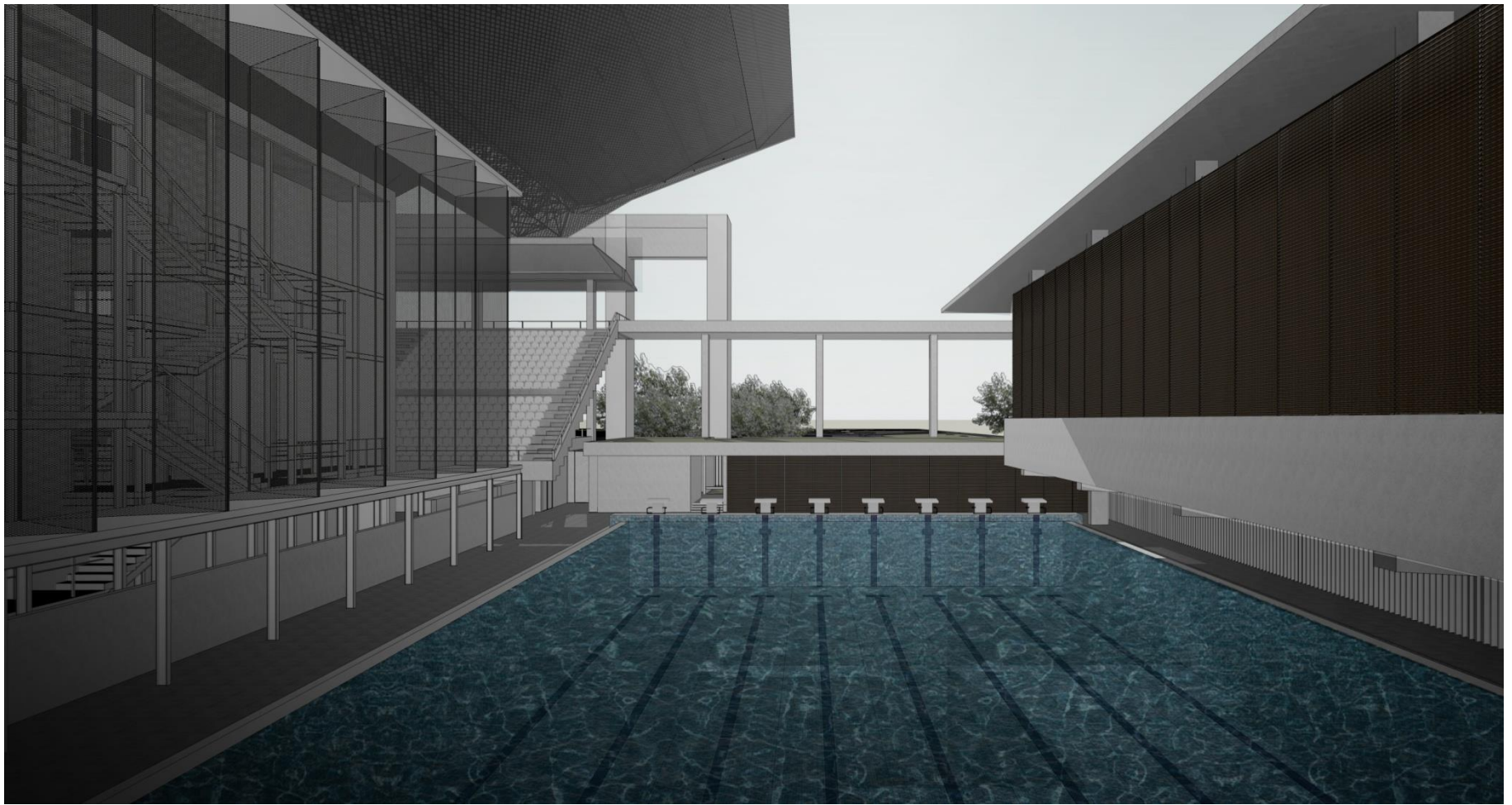
e k s i s i t i n g



W a t e r p o l o



e k s i s i t i n g



d r y l a n d



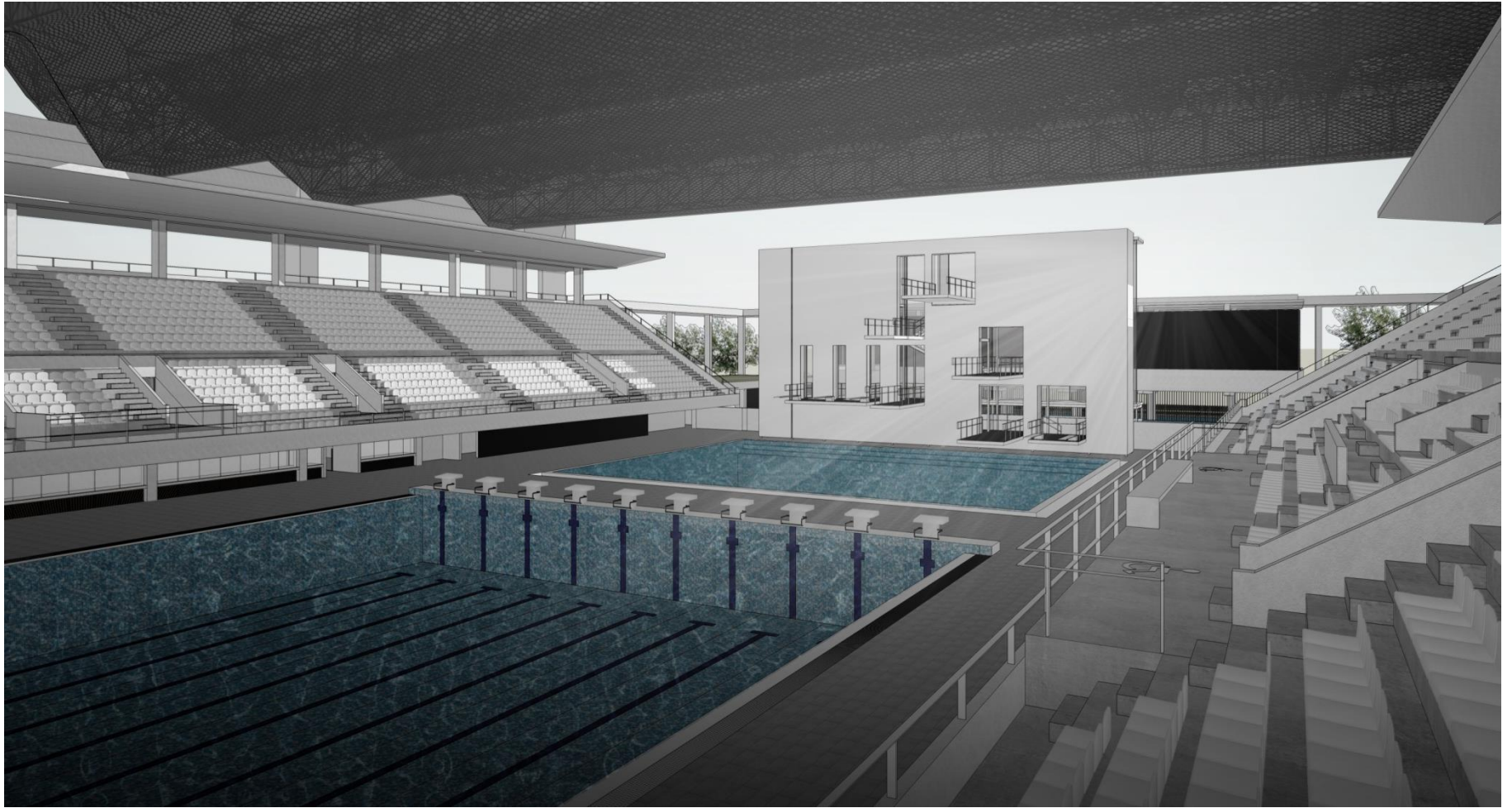
e k s i s i t i n g



T o p t r i b u n e

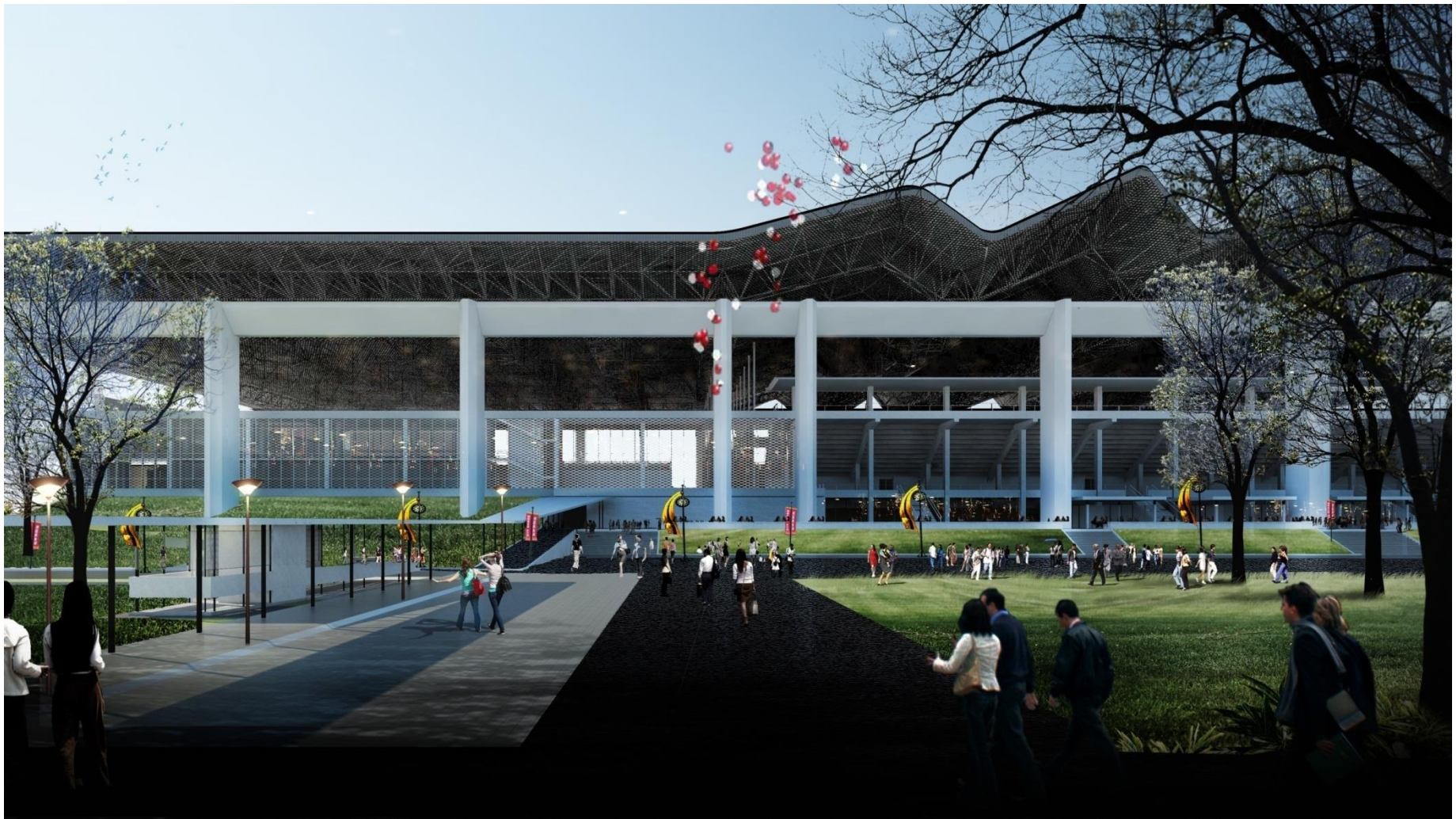


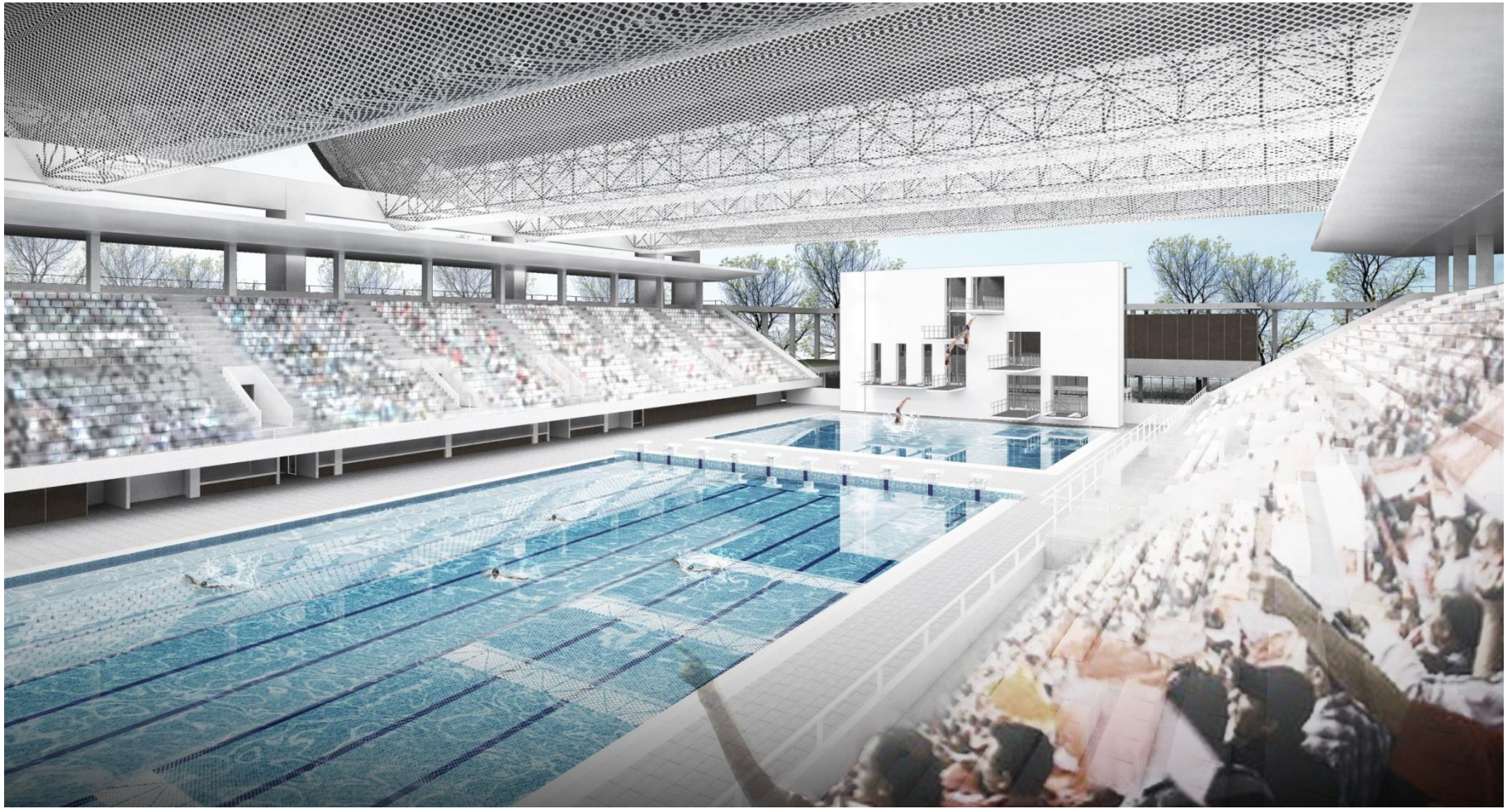
e k s i s i t i n g

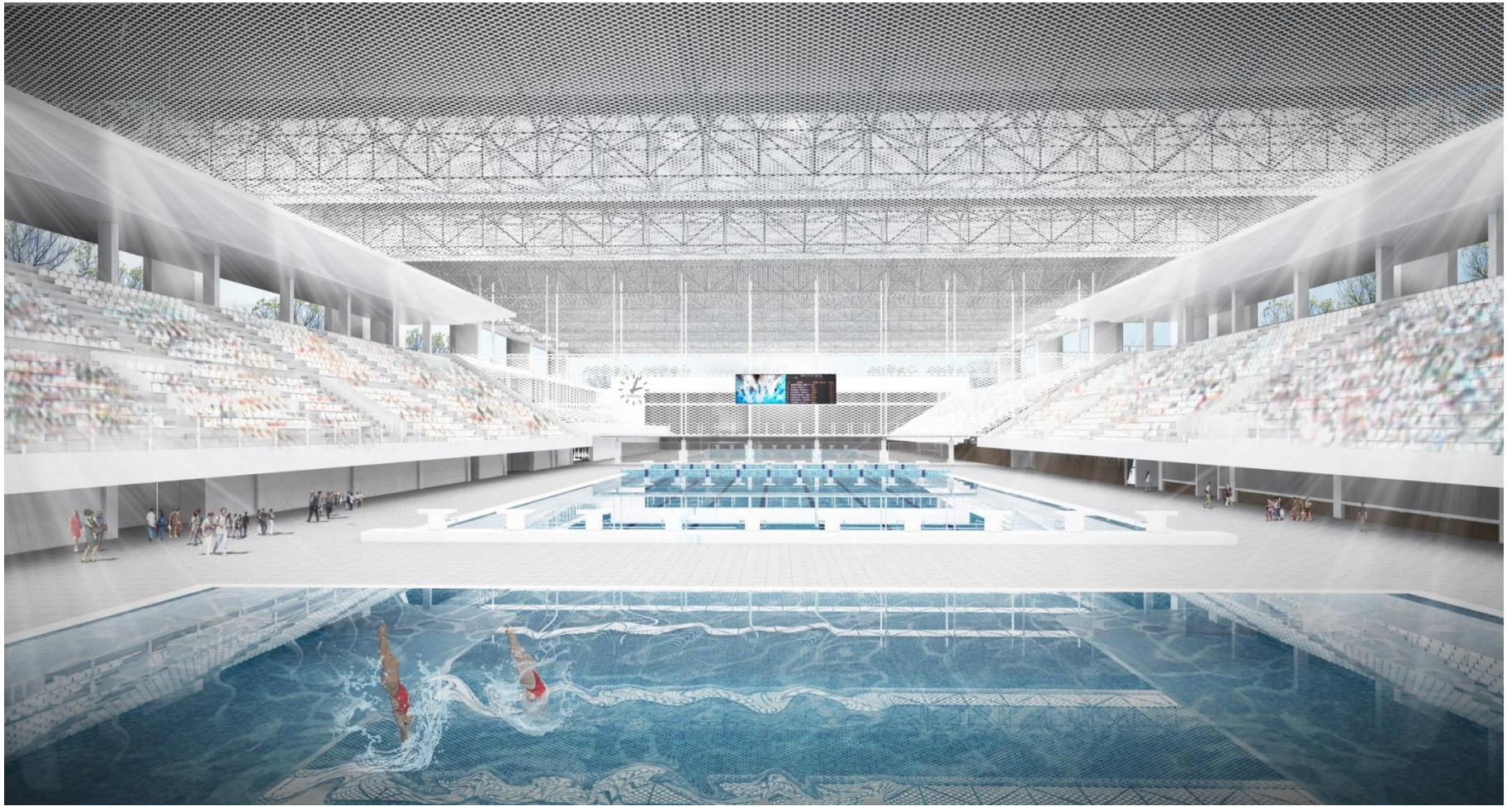


W a t e r p o l o









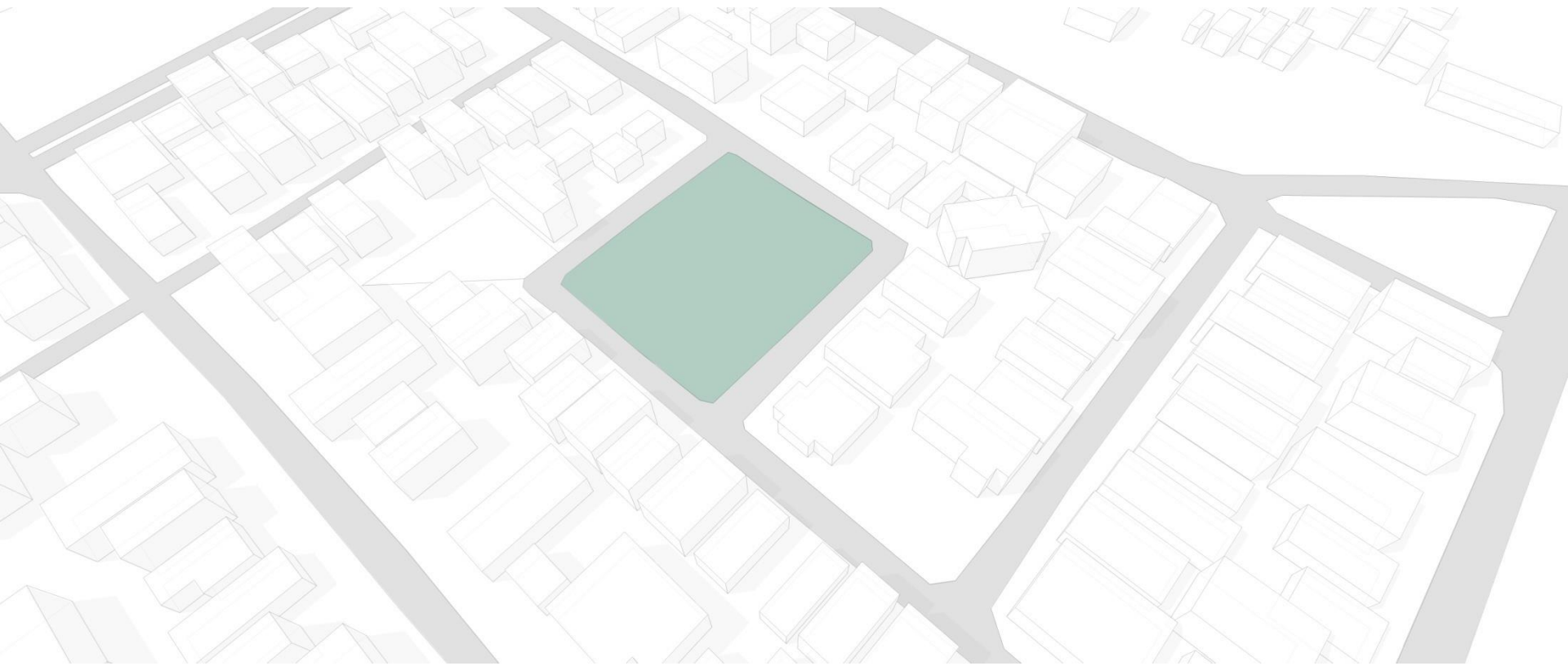


AQUATIC CENTER

t e r i m a  
k a s i h

a  
h o u s e m

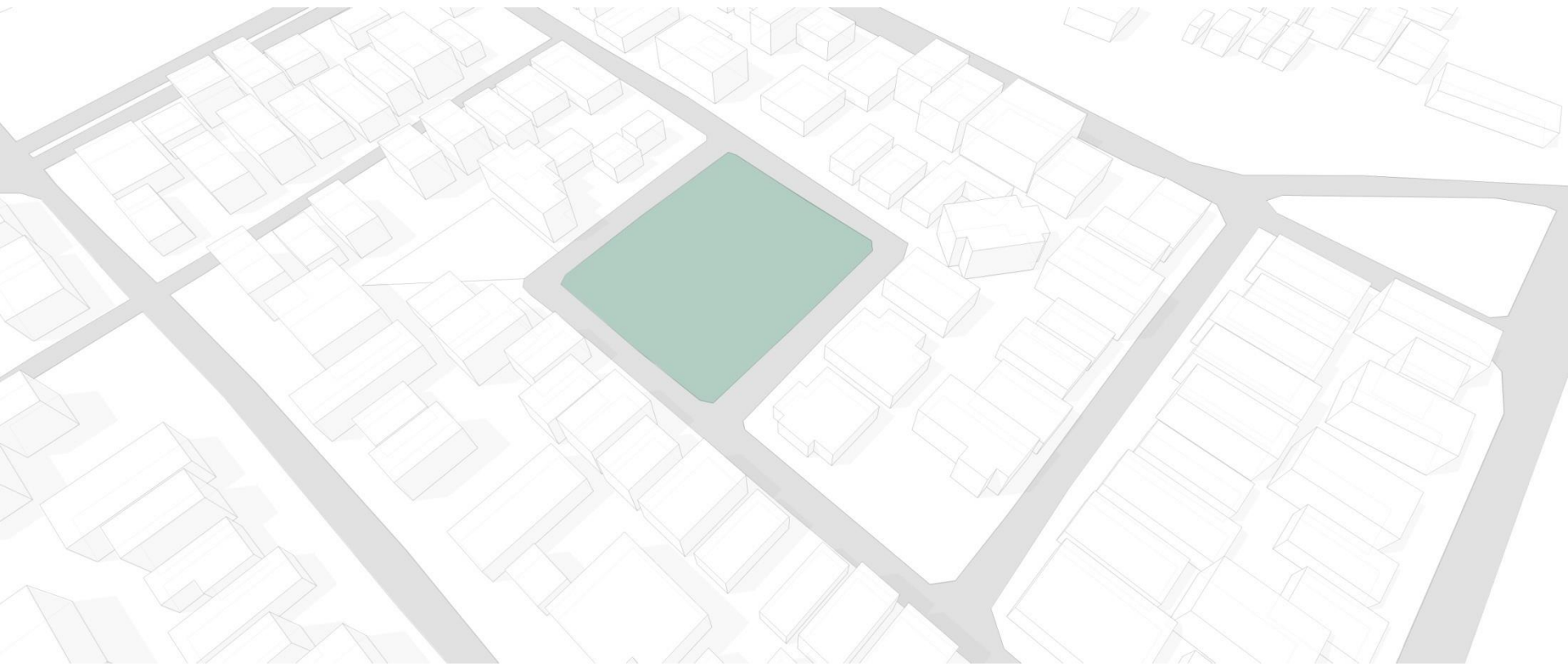


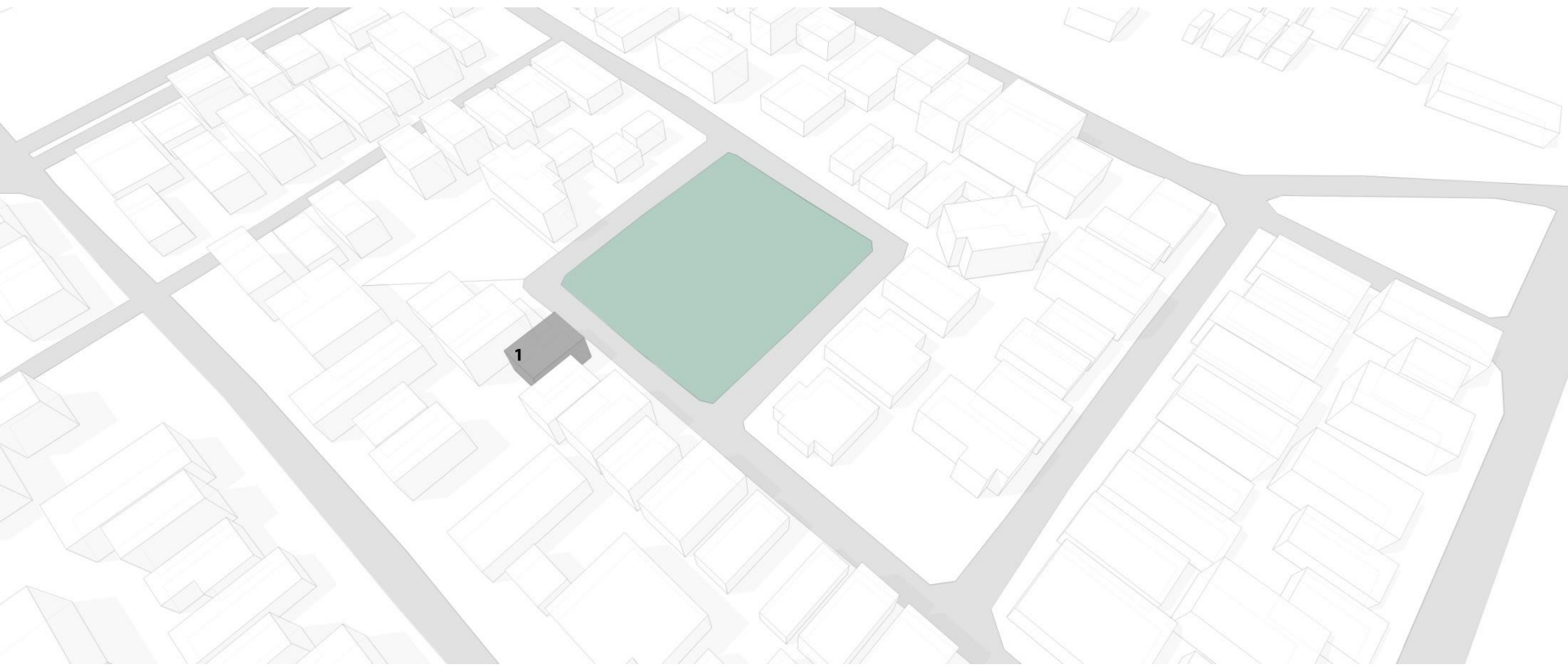






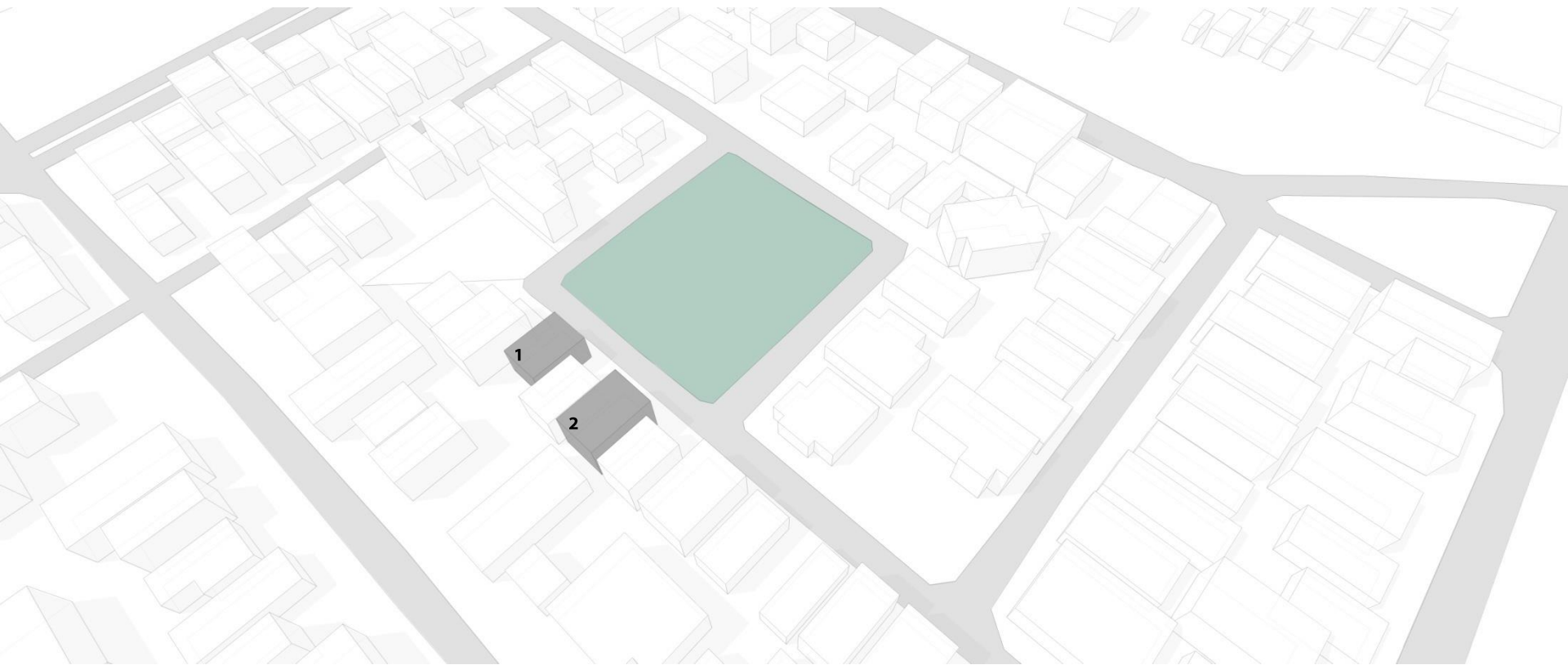






memorable site  
1. 1st home

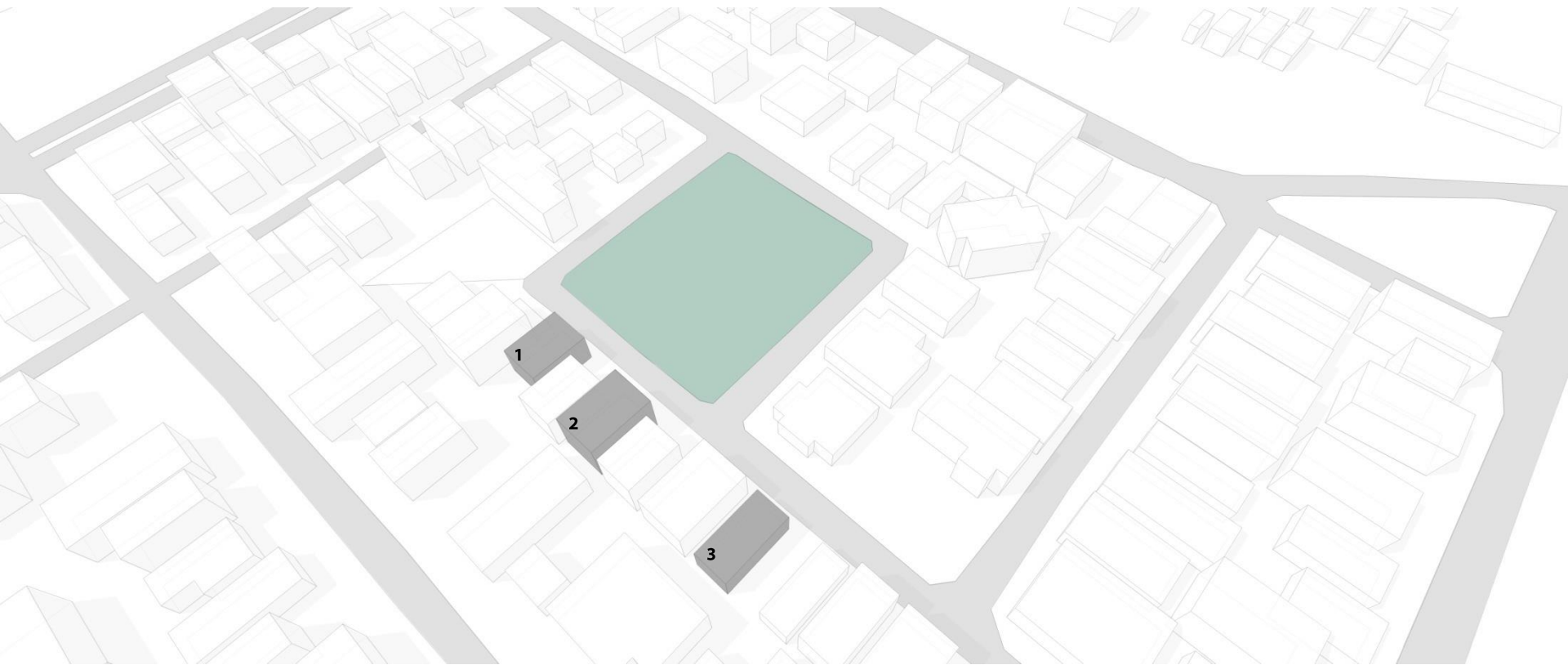
site



memorable site

1. 1st home
2. 1st office

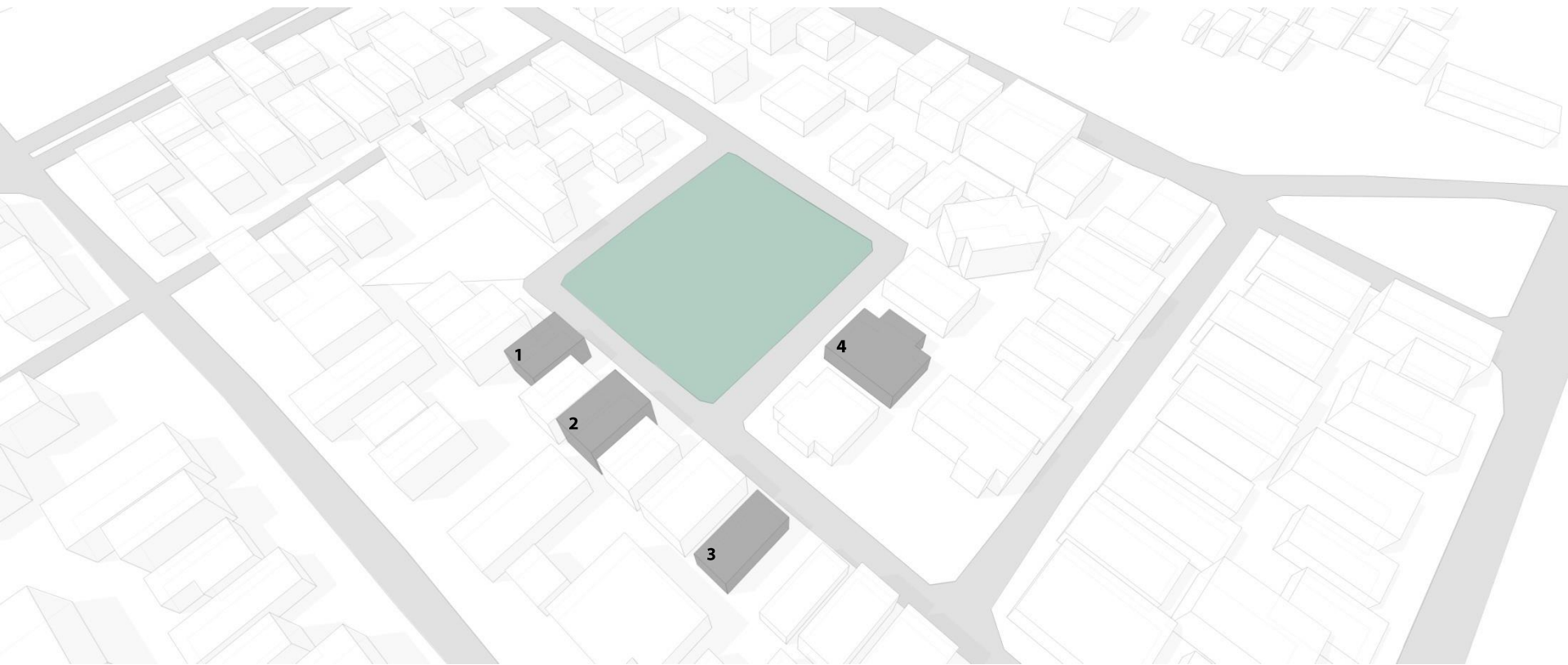
site



memorable site

1. 1st home
2. 1st office
3. 2nd home

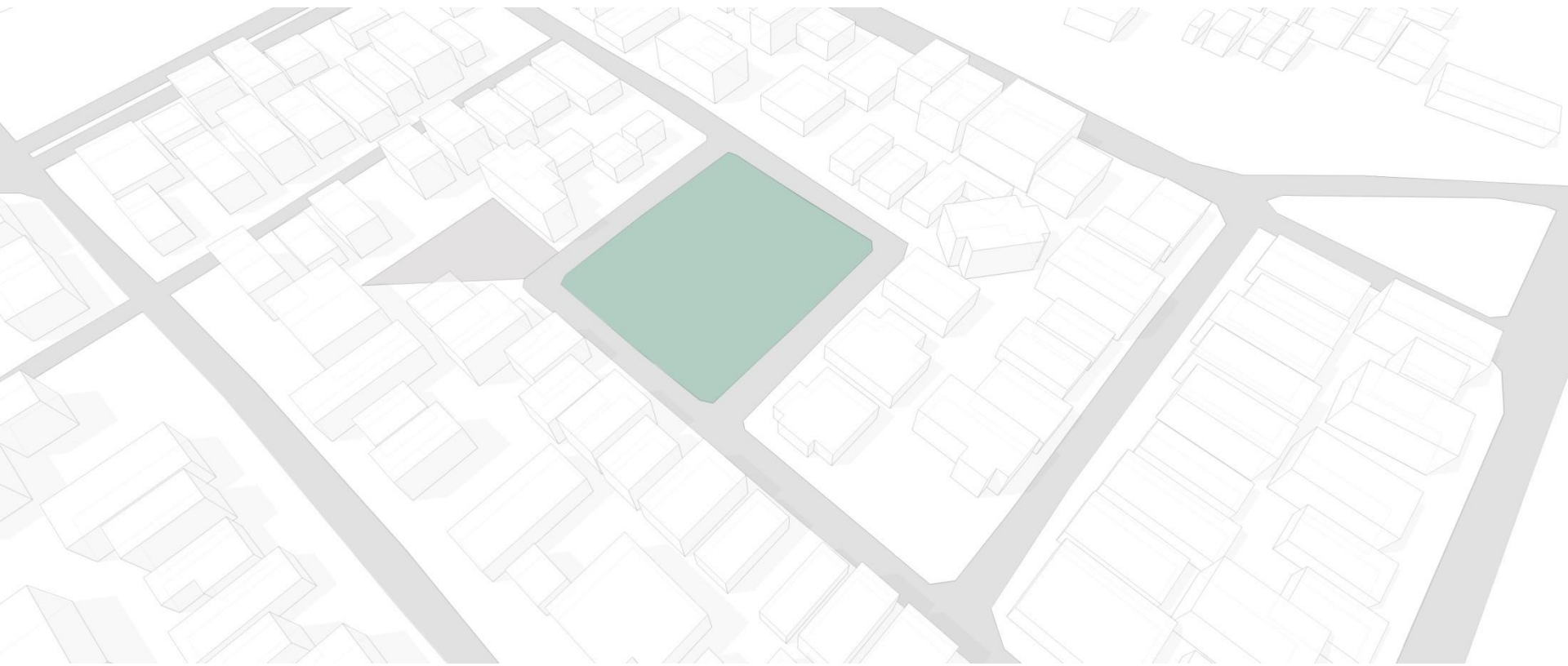
site



memorable site

1. 1st home
2. 1st office
3. 2nd home
4. current office

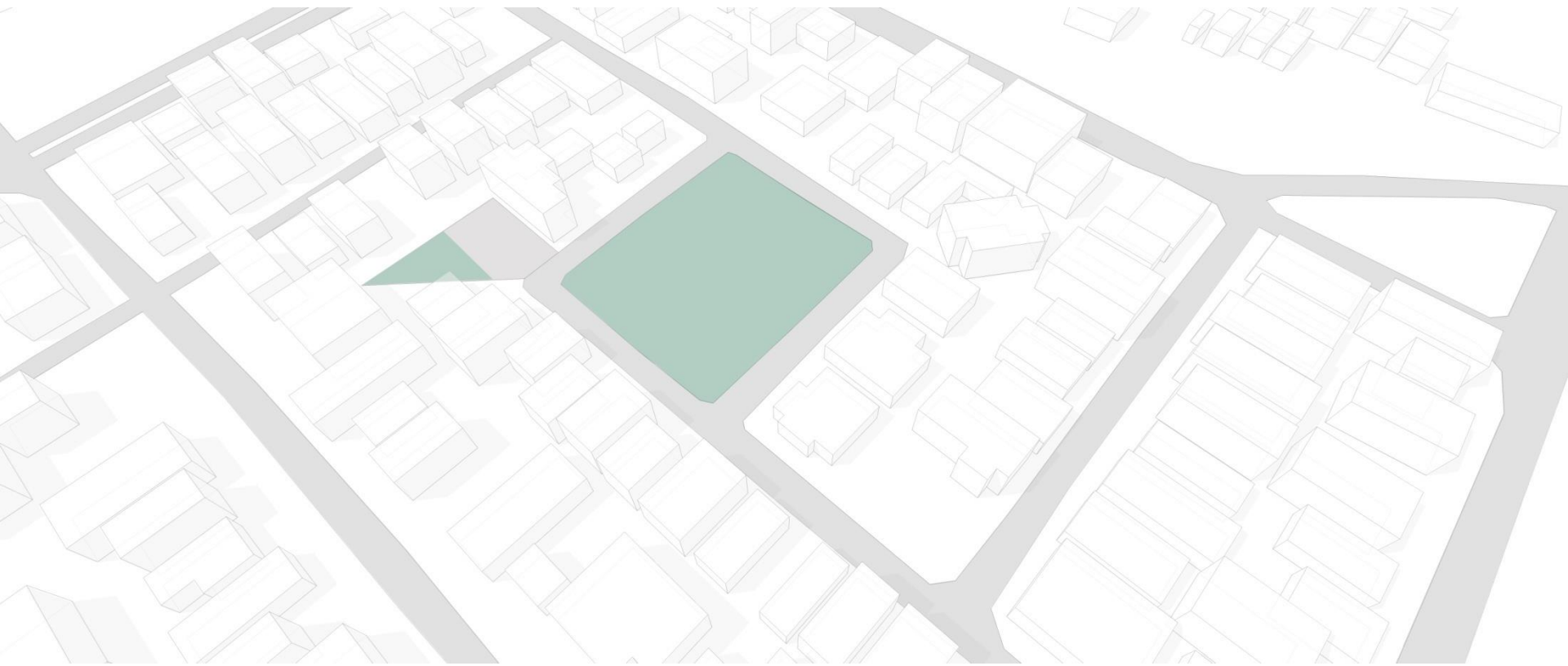
site



building site

design





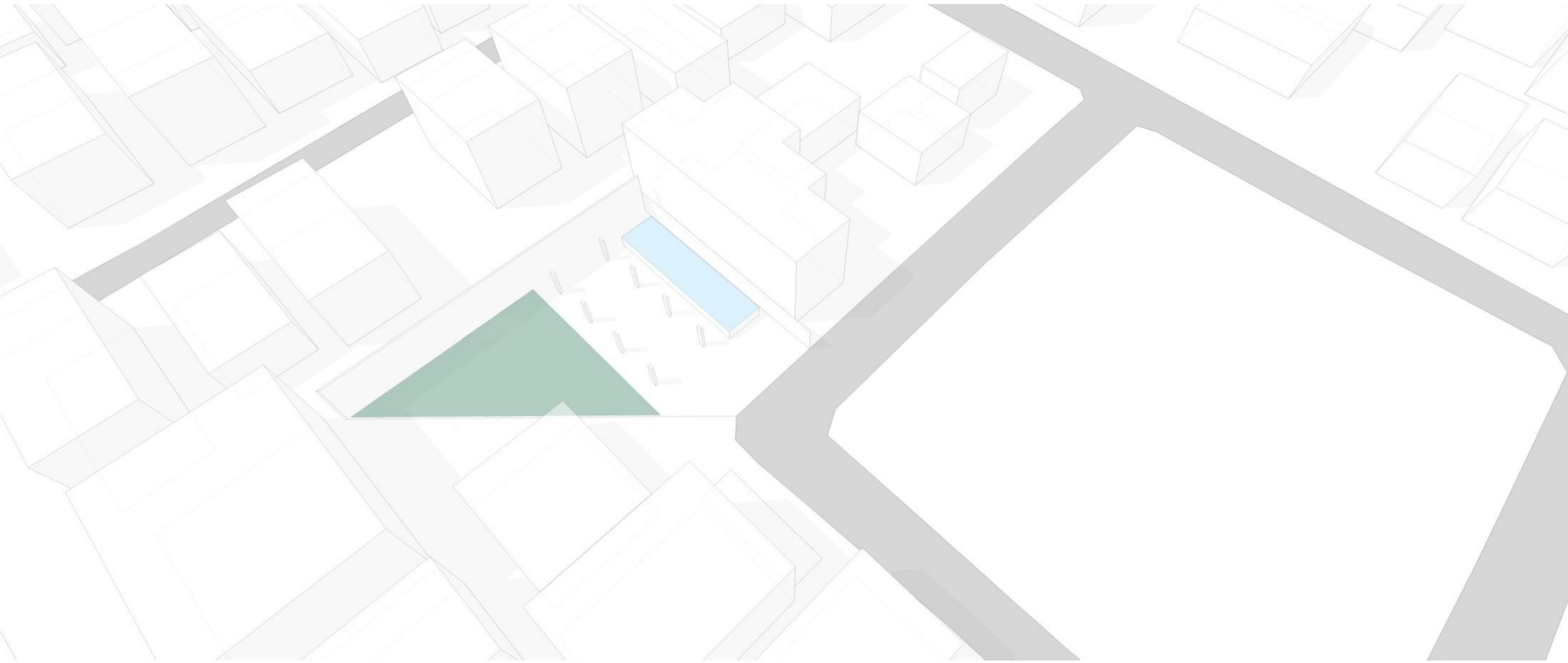
adopt the garden into the house

design



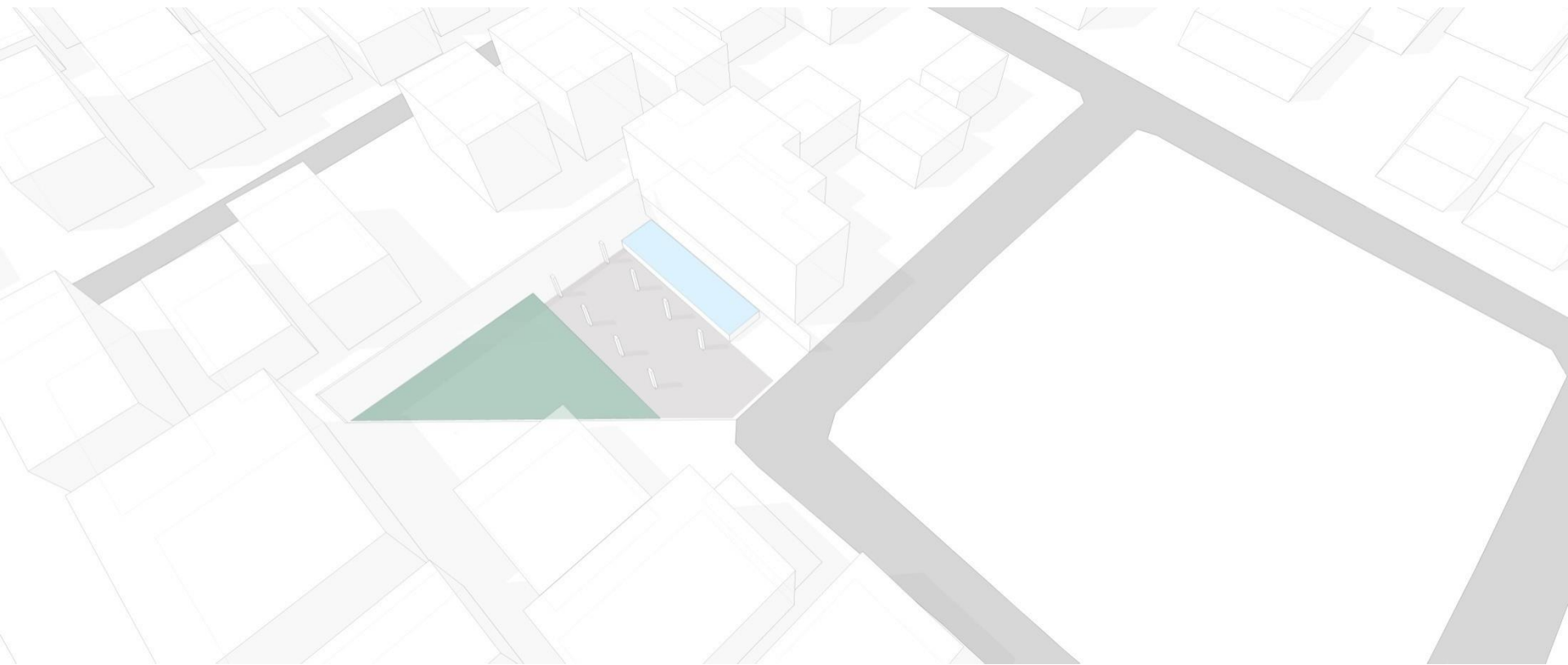
adopt the garden into the house

d e s i g n



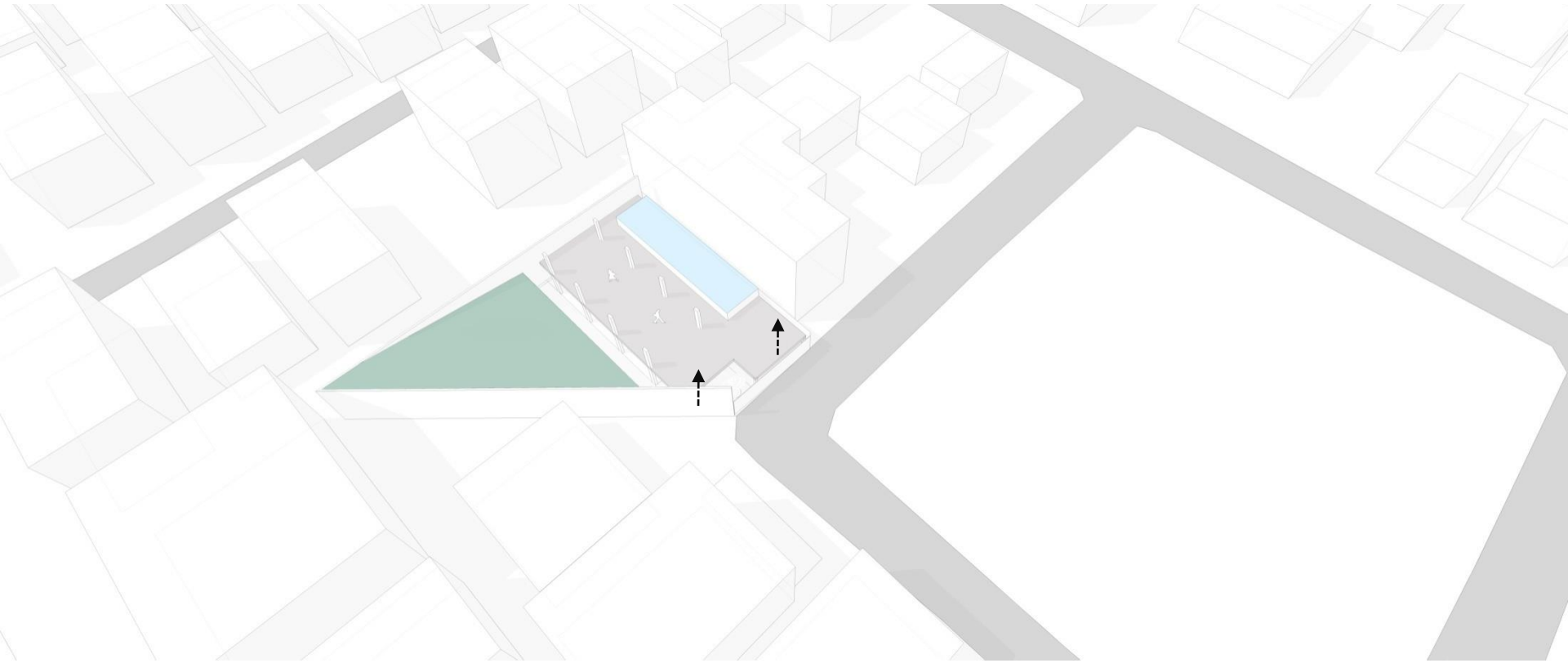
add a water feature

design



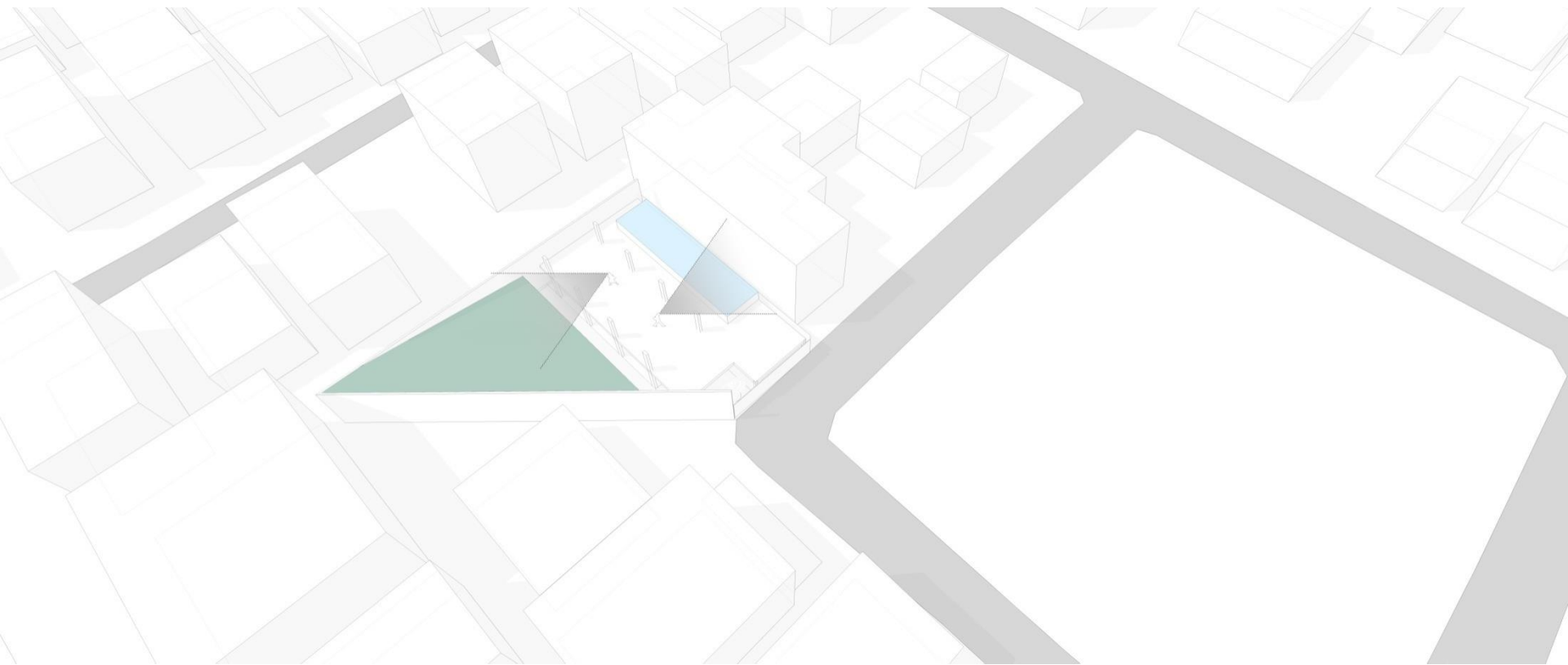
the remaining space

d e s i g n



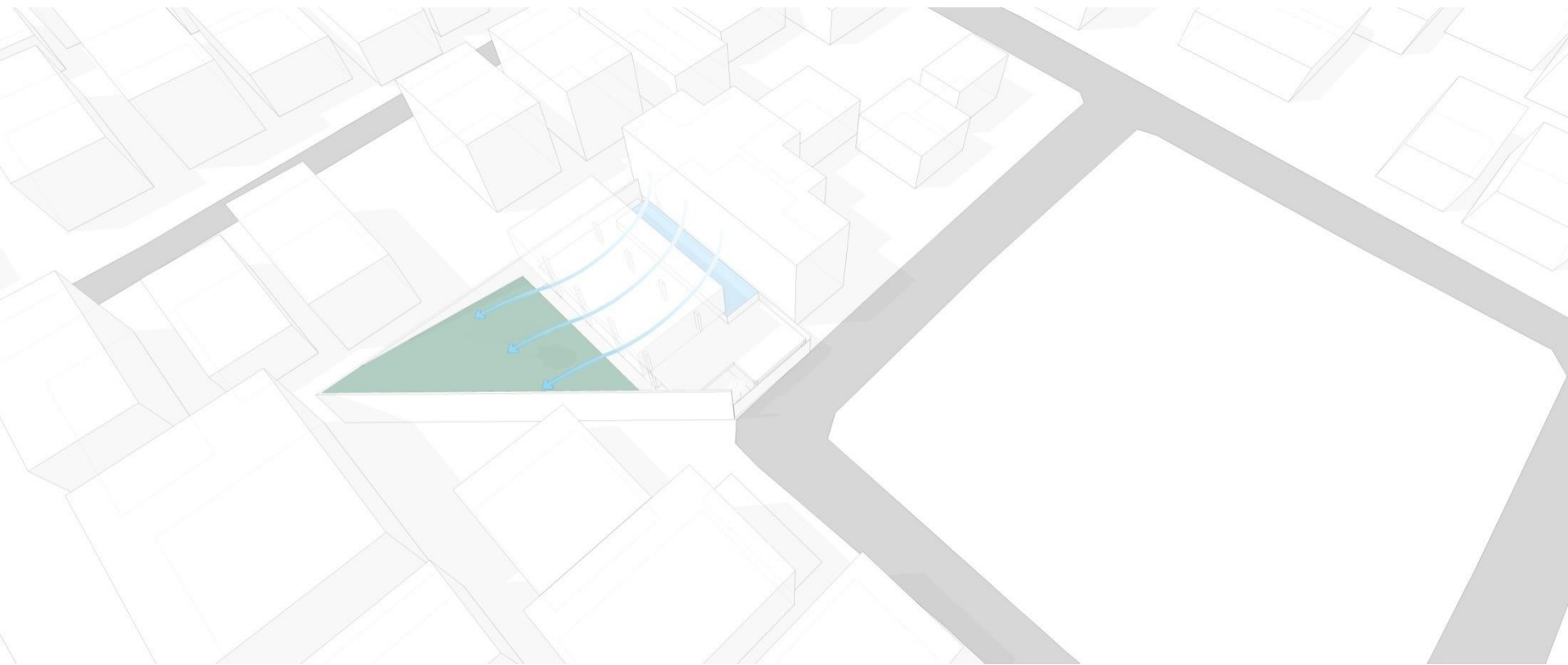
elevate the space

d e s i g n



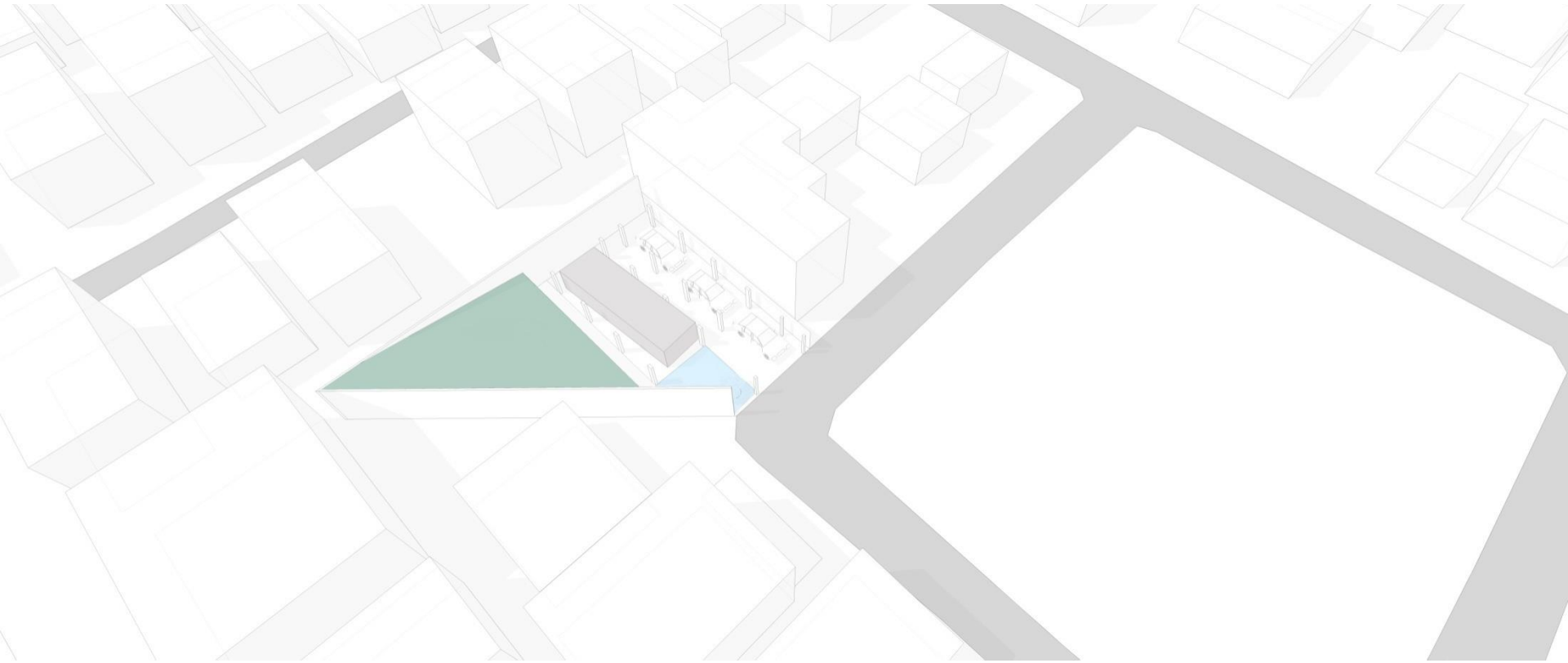
blur the boundary between outdoor and indoor

d e s i g n



cross ventilation

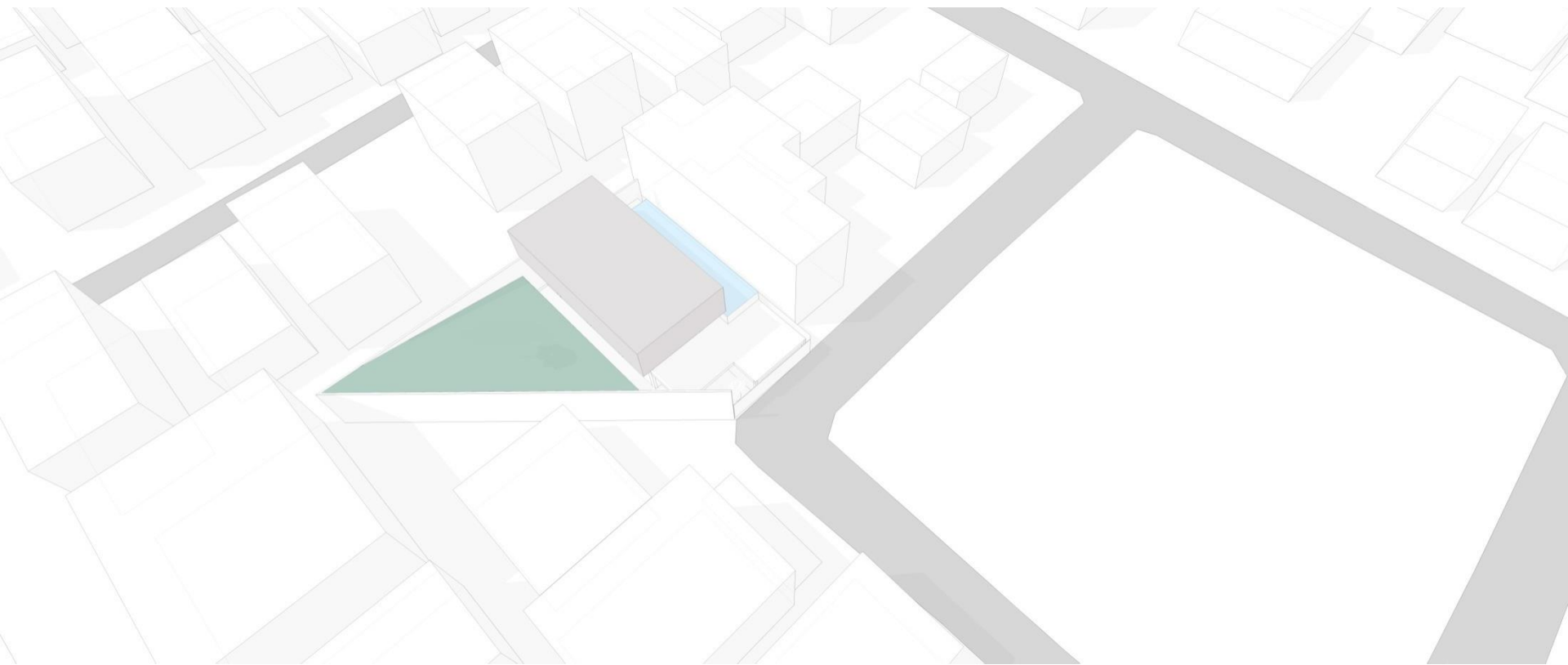
design



put other program below the main space

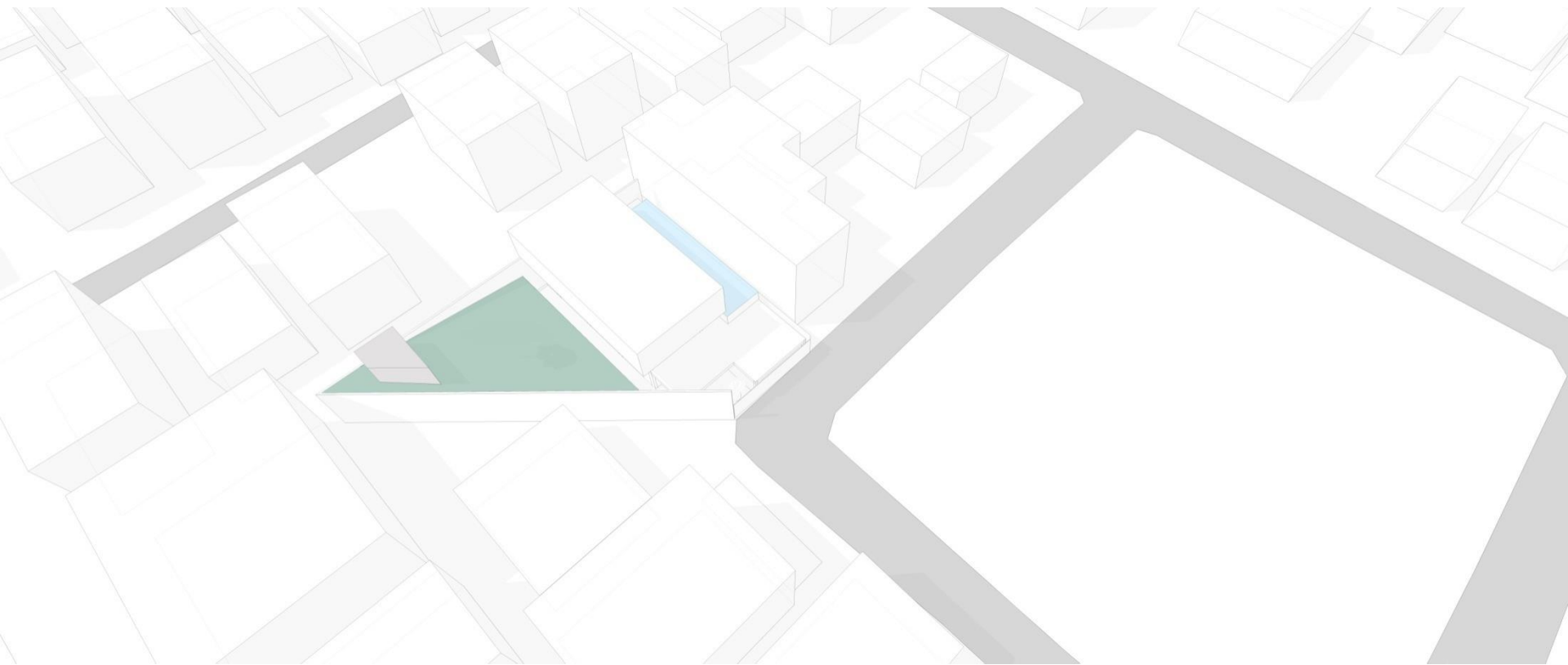
d e s i g n





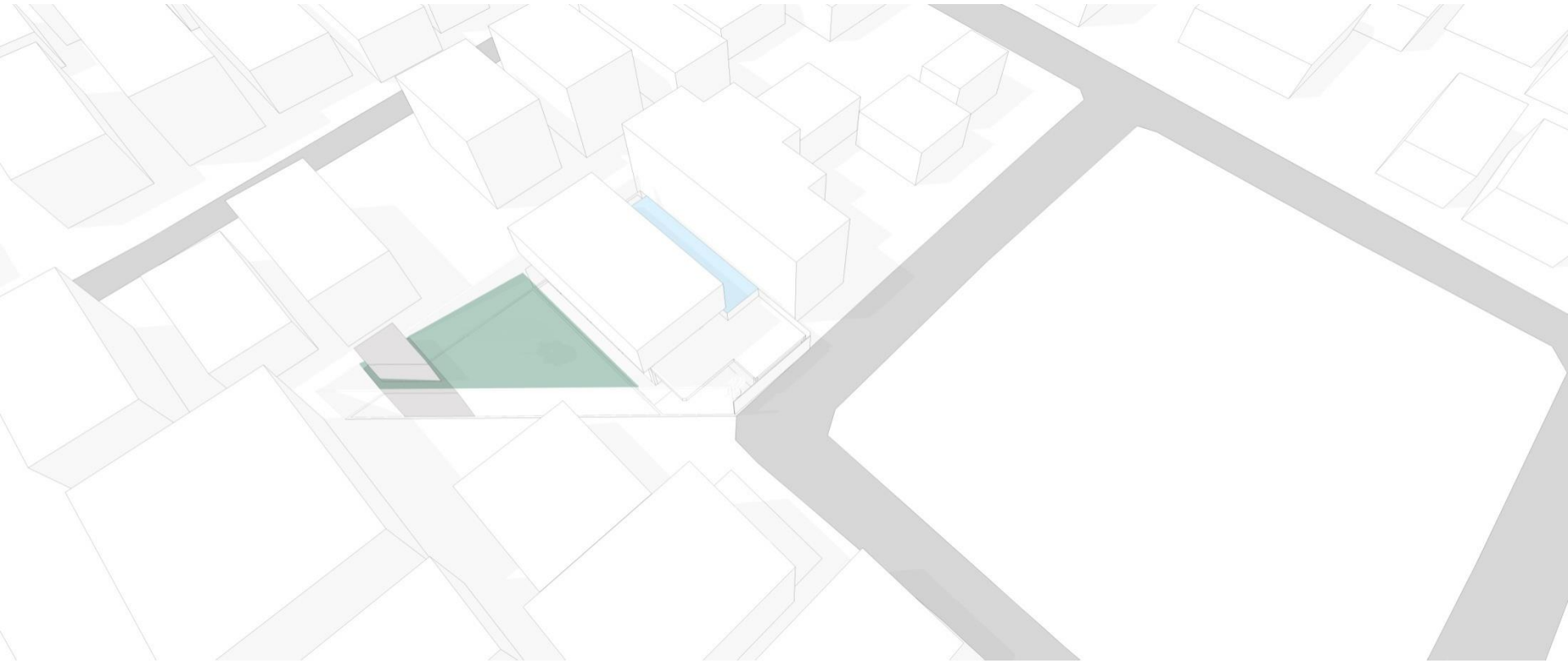
kids area on the top

d e s i g n



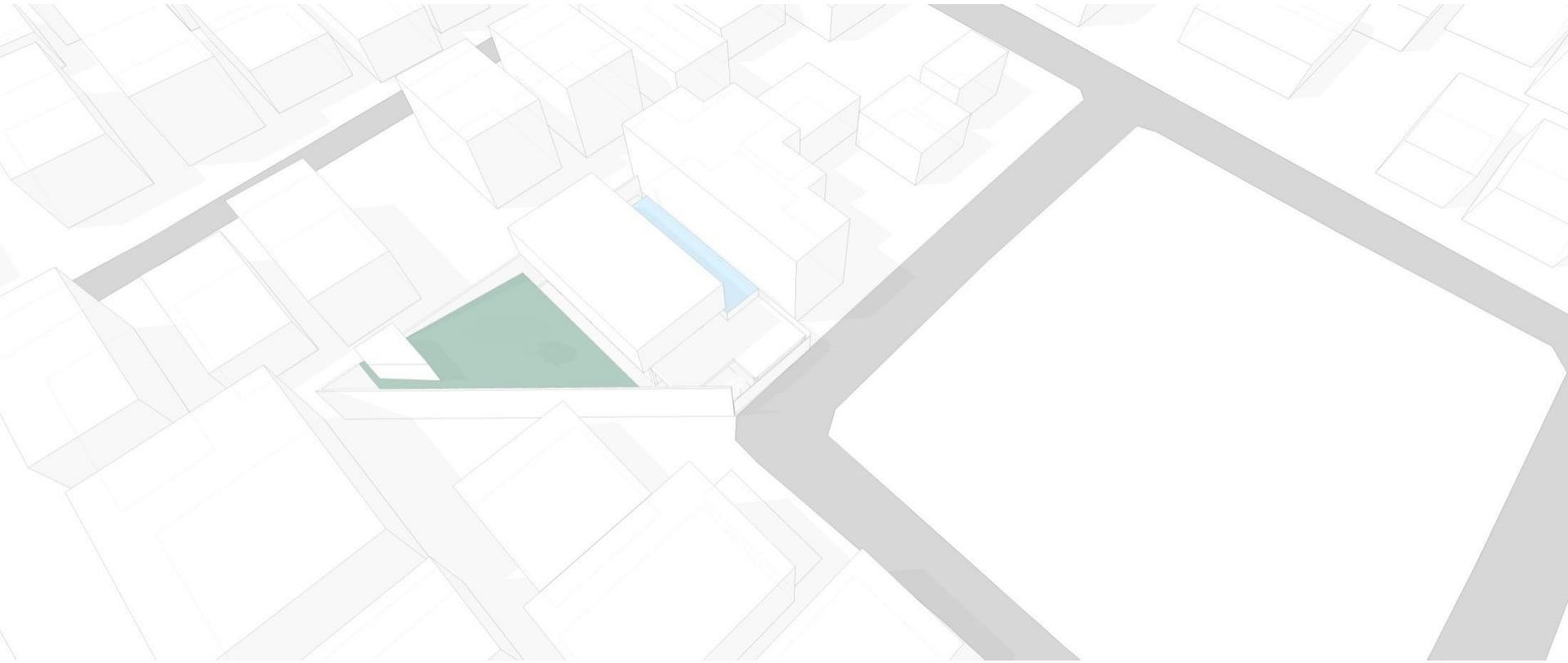
master bedroom

design



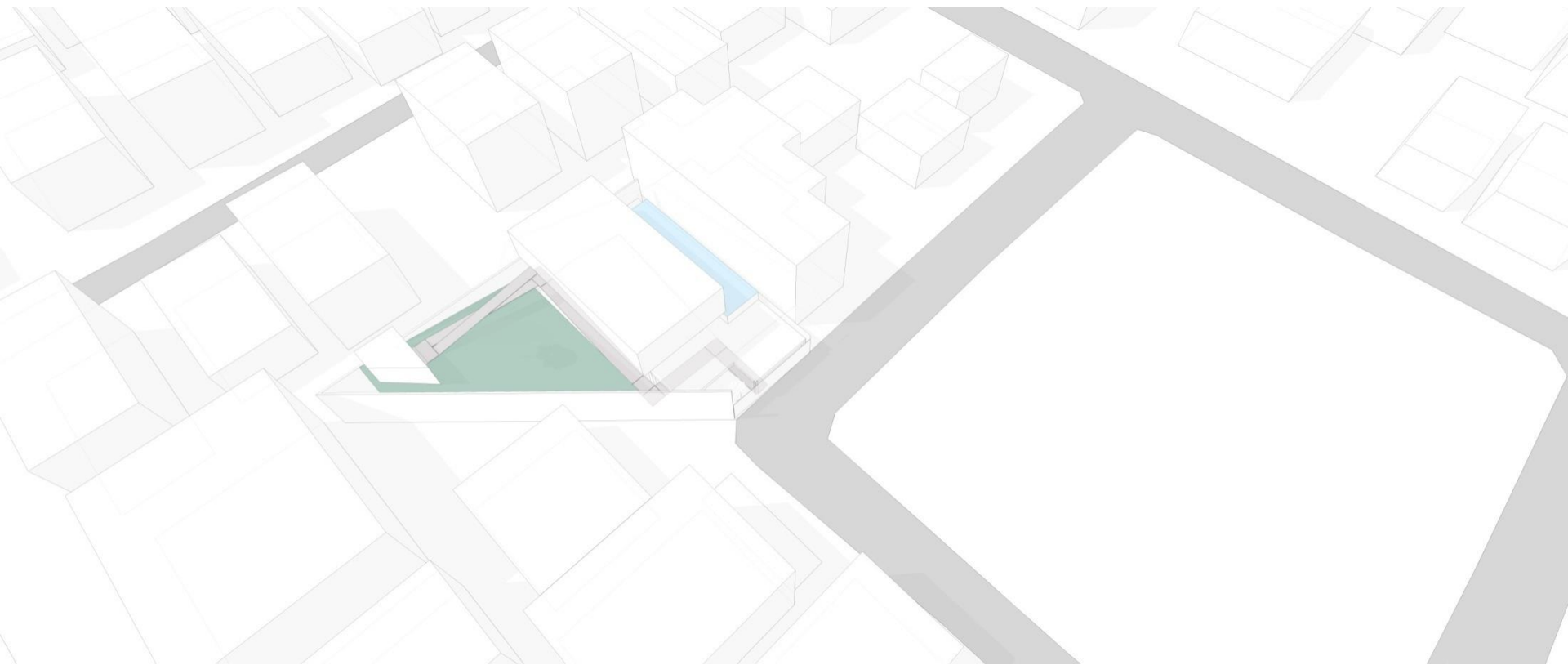
master bathroom under bedroom area

d e s i g n



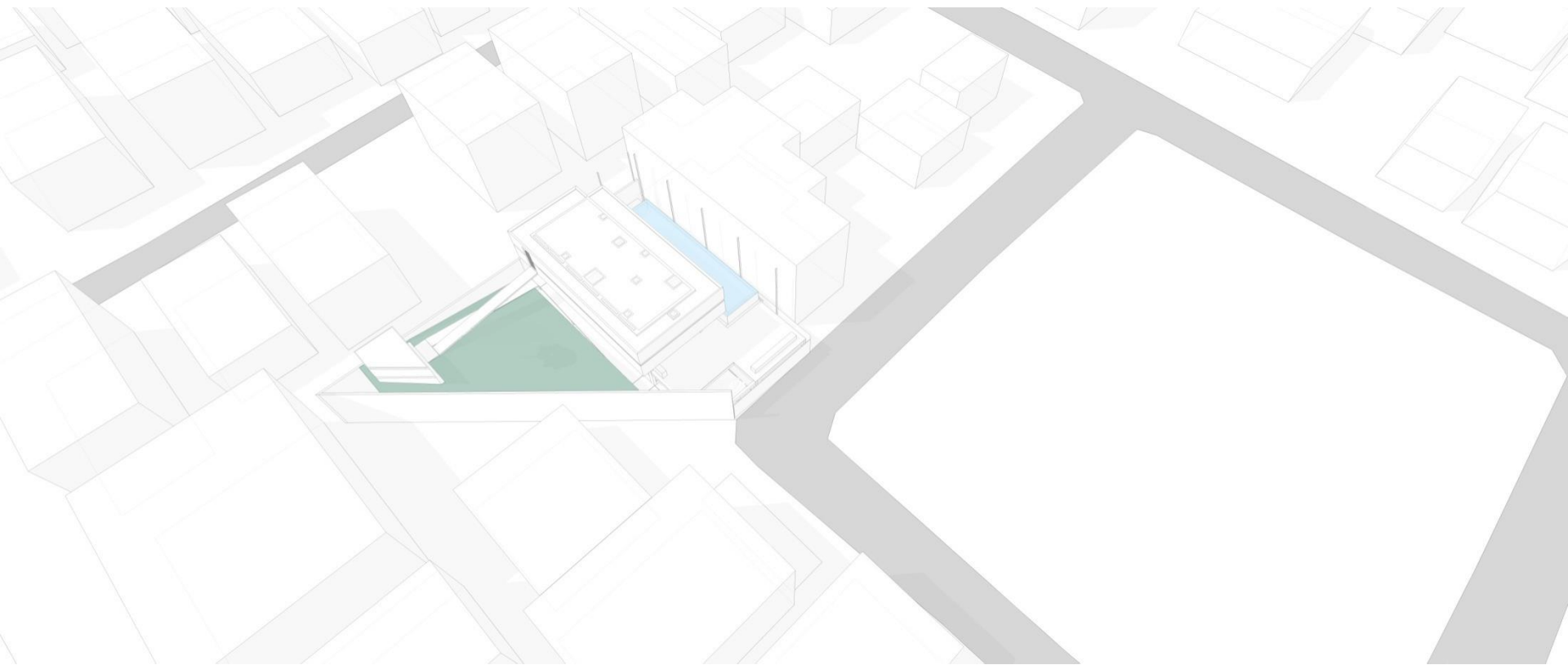
void for master bedroom area

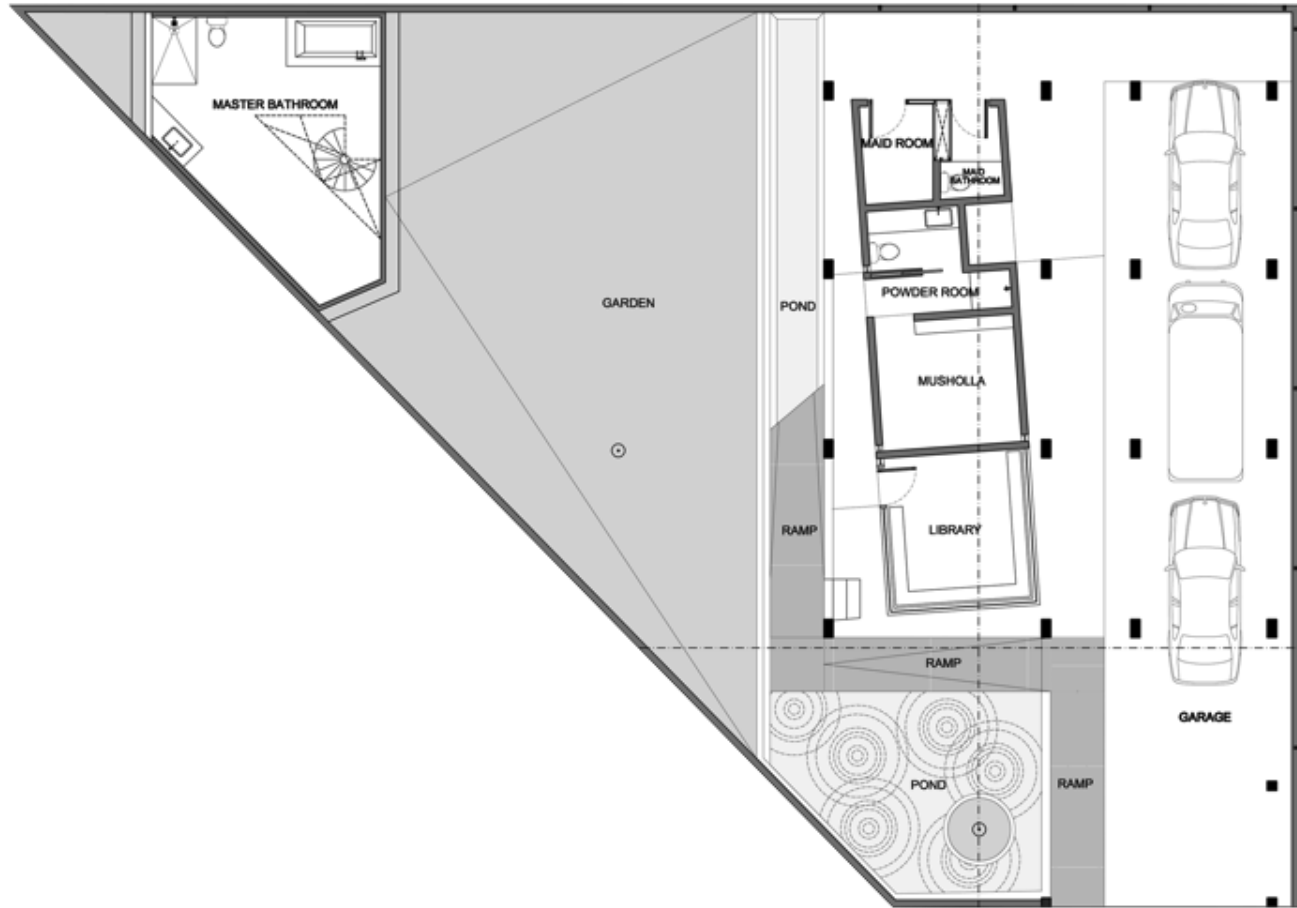
d e s i g n



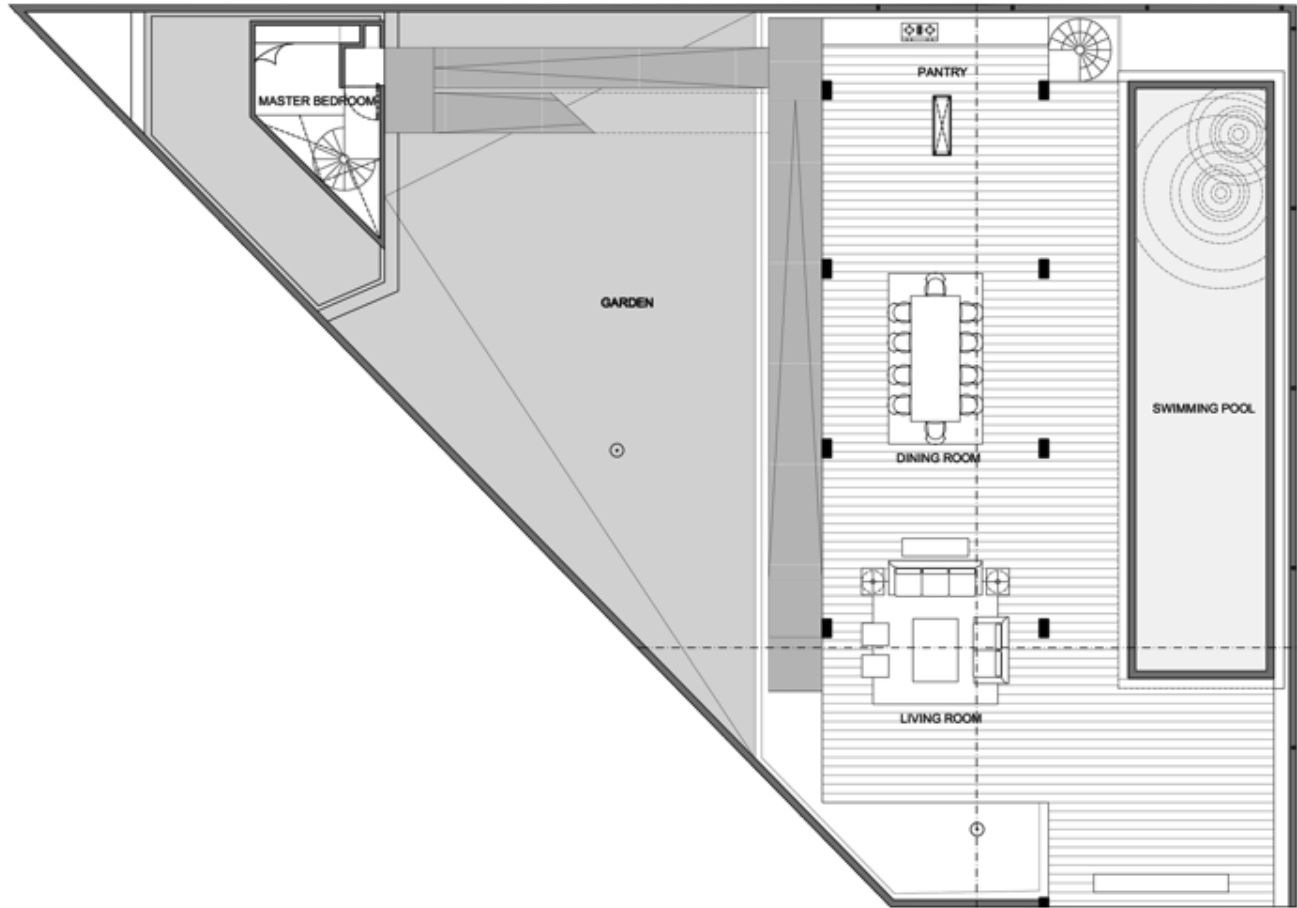
ramp as main vertical circulation

design



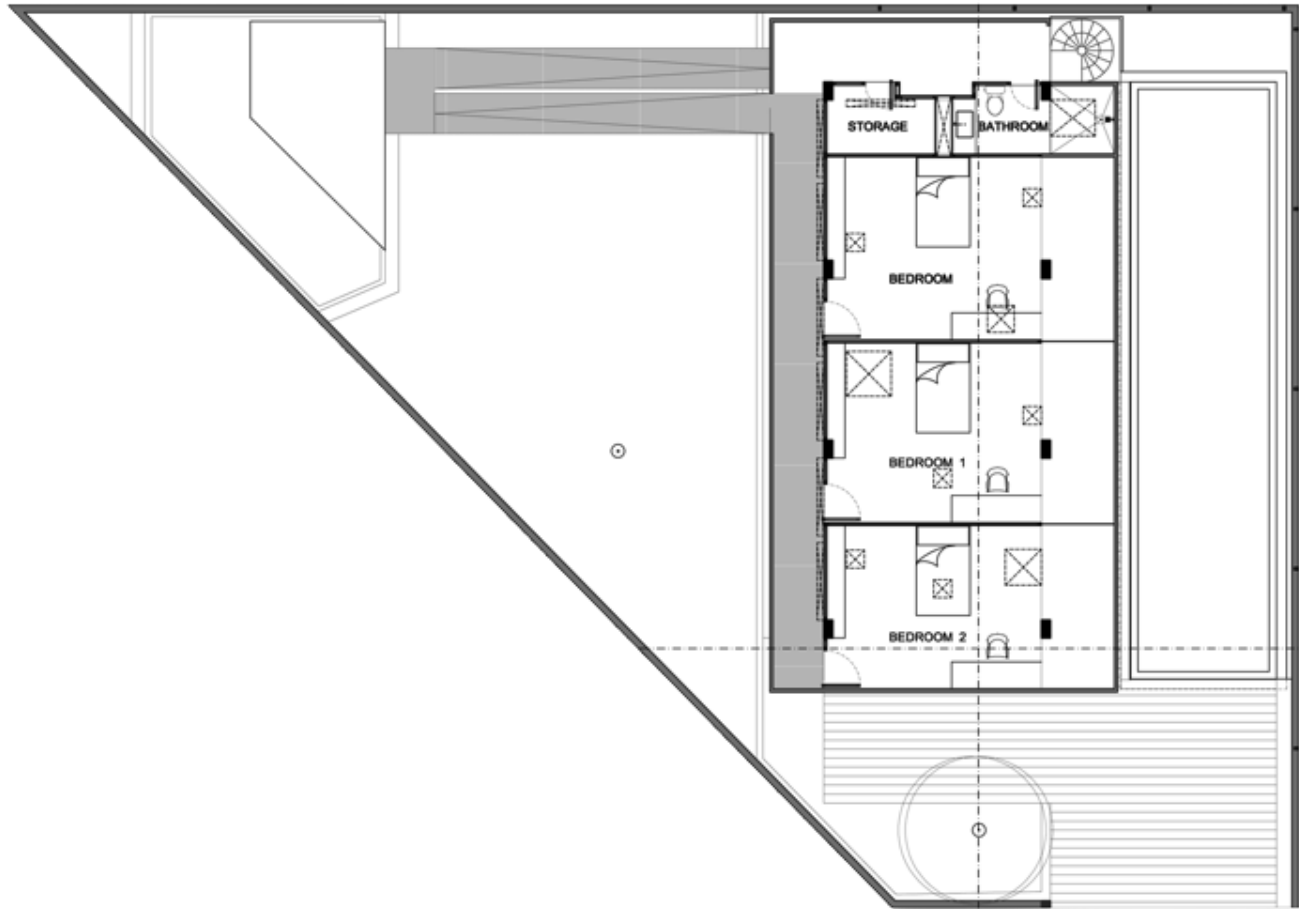


ground floor plan

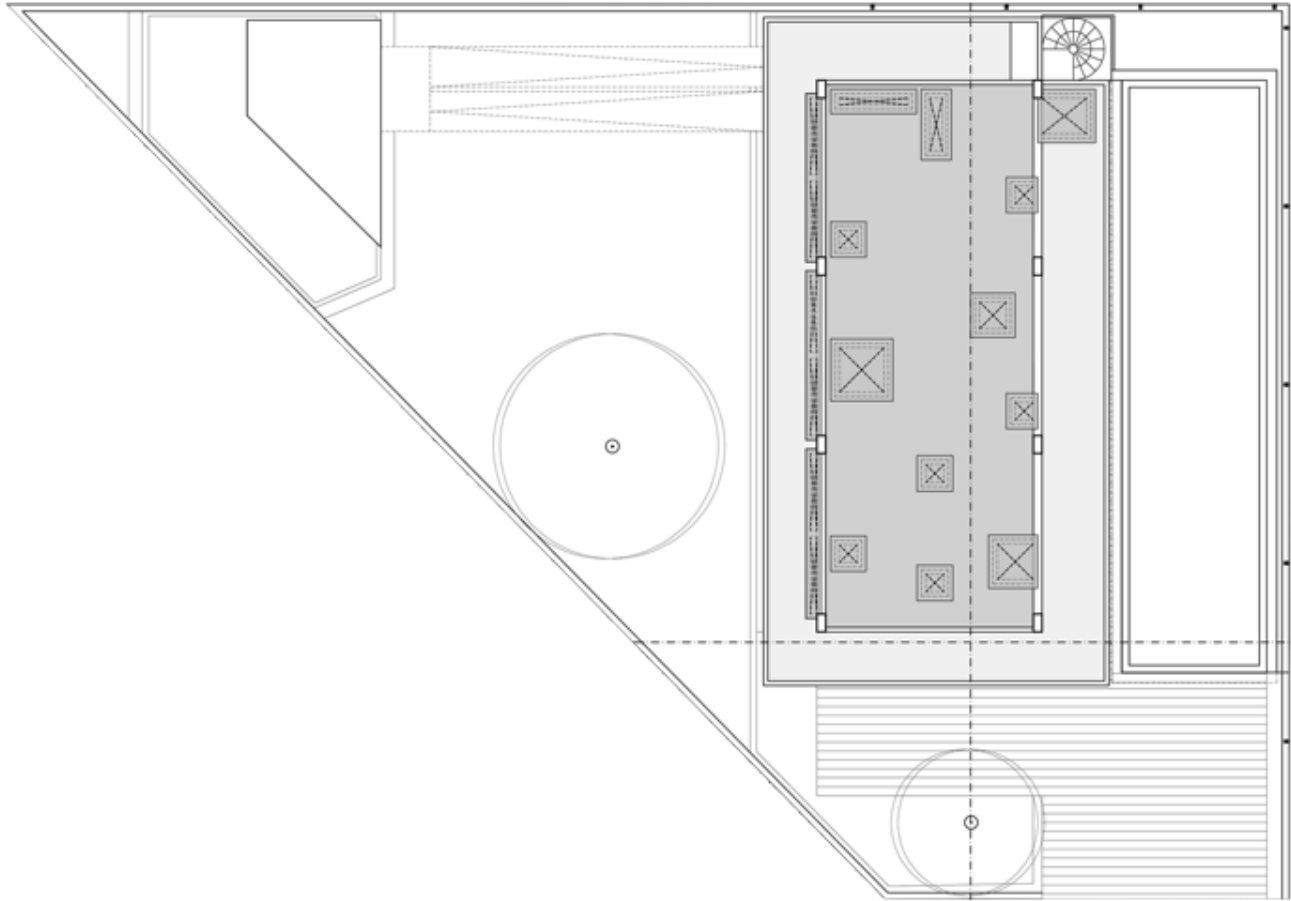


1st floor plan

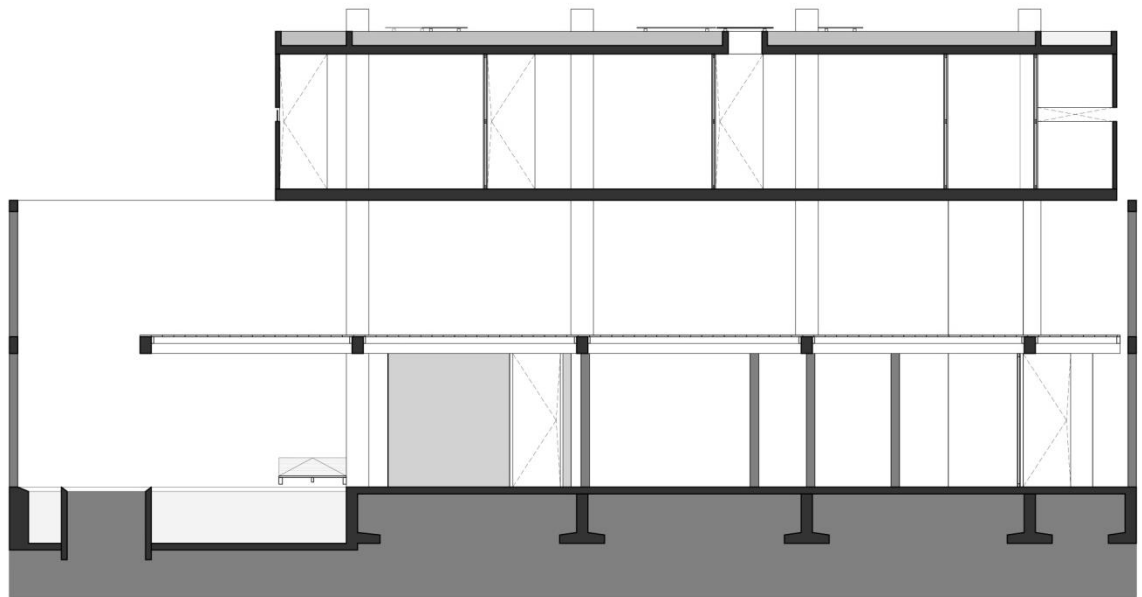




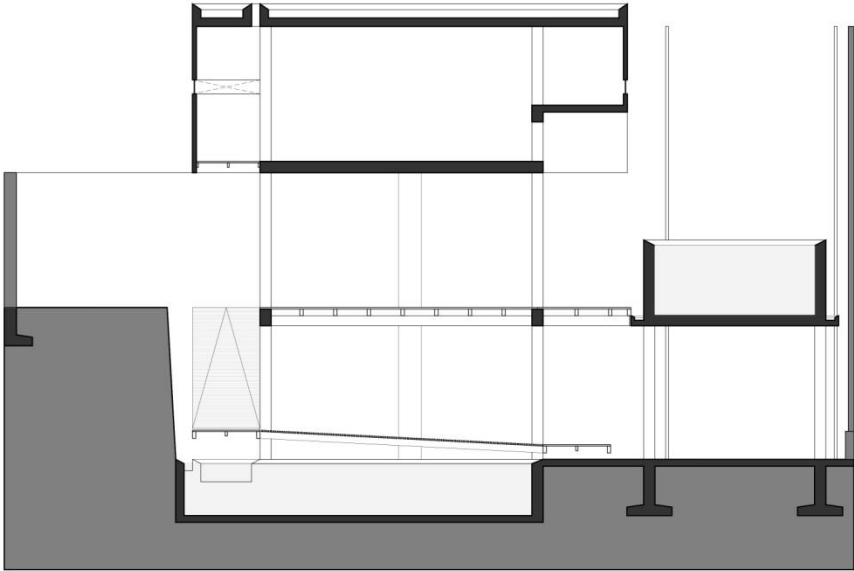
2nd floor plan



roof top plan



section



section







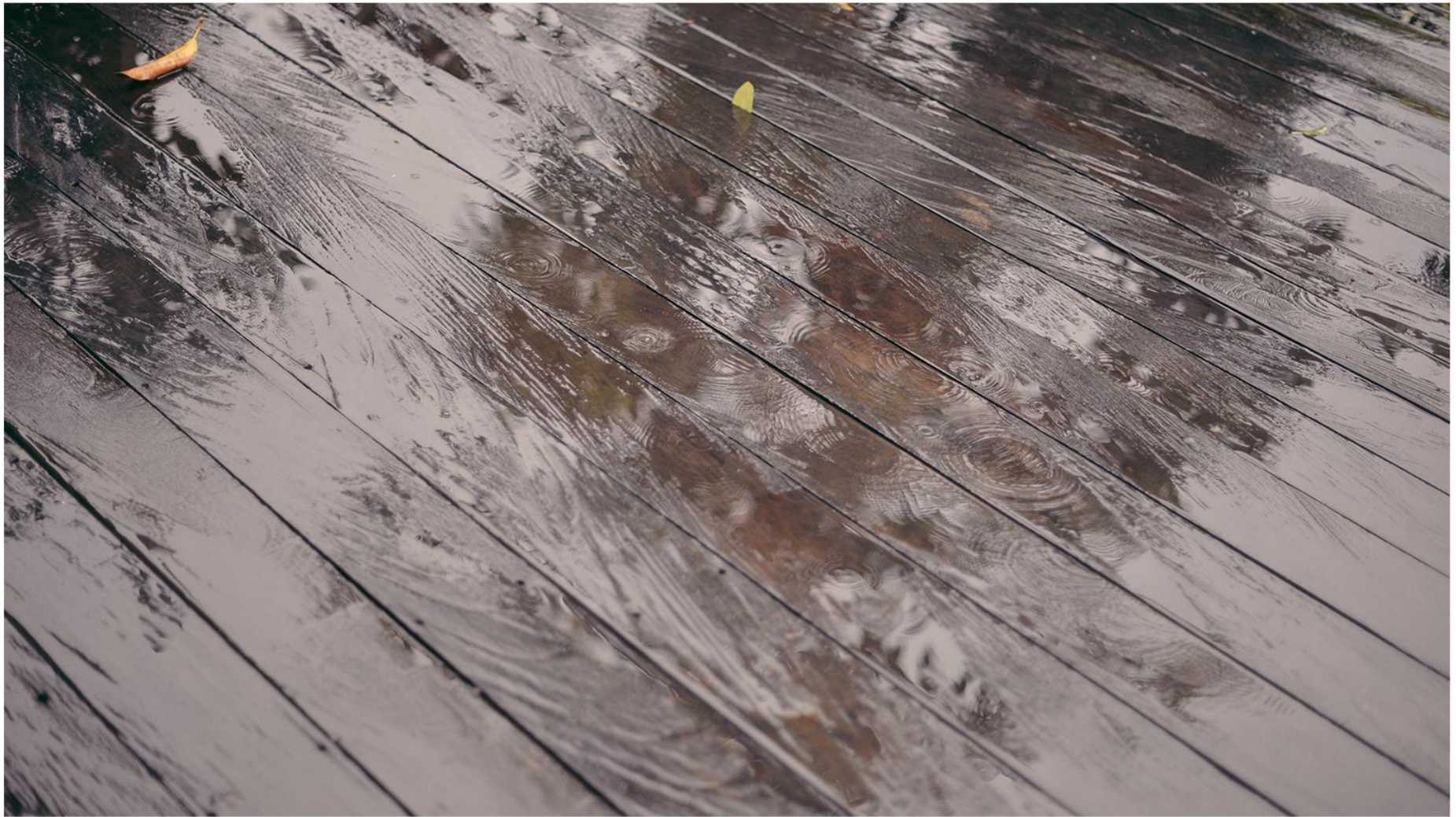


































t e r i m a  
k a s i h