







## Profile

I believe that architecture is crucial part to change the city. It has many layers to understand. The architecture in my view should understand people and relevant to art cultural. I believe that the best way to learn architecture is to visit the real place. I've traveled to see many works in esia and europe (France,Spain,Italy,etc.). because I live In Thailand my intention is often familiar with tropical and sustainable style.

## Paphawarint Vangtook

Date of Birth : May 5th, 1998  
Bangkok, Thailand

### Contact

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Tel : +66812517431

## Education

- 2015-2020 Bachelor of Architecture**  
Department of Architecture, Faculty of Architecture  
Chulalongkorn University, Bangkok
- 2010-2015 Secondary School**  
Patumwan Demonstration School
- 2004-2009 Primary School**  
Prasarnmit Demonstration School

## Experience

- 2019 Internship**  
Internship at East Architect  
Bangkok, Thailand
- 2019 Observational Study**  
Explored architectural buildings.  
France Italy Portugal and Sapin
- 2018 Workshop**  
International architectural design at Hanoi University  
Hanoi, Vietnam
- 2018 Workshop**  
Capricio Workshop  
Design the building related to culture and city  
Chiangmai, Thailand
- 2018 Volunteer**  
Volunteer of 81th Rural Development Camp  
Ta Song Yang District, Tak,Thailand
- 2021-2022 Career**  
architect at Somdoon architects .Bangkok,Thailand

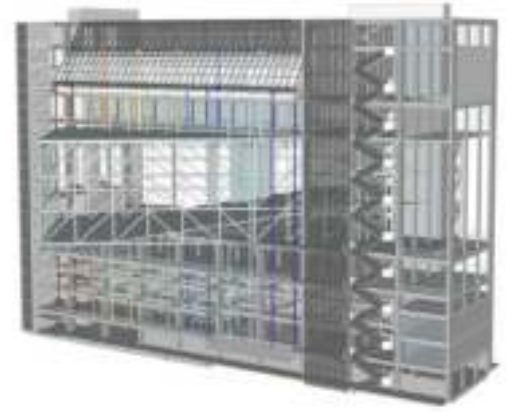
## Skills

Autocad	Revit
Photoshop	Microsoft Office
InDesign	Sketchup
Lumion	Enscape

**Rajakarun Center**  
**Thai Red Cross Society**



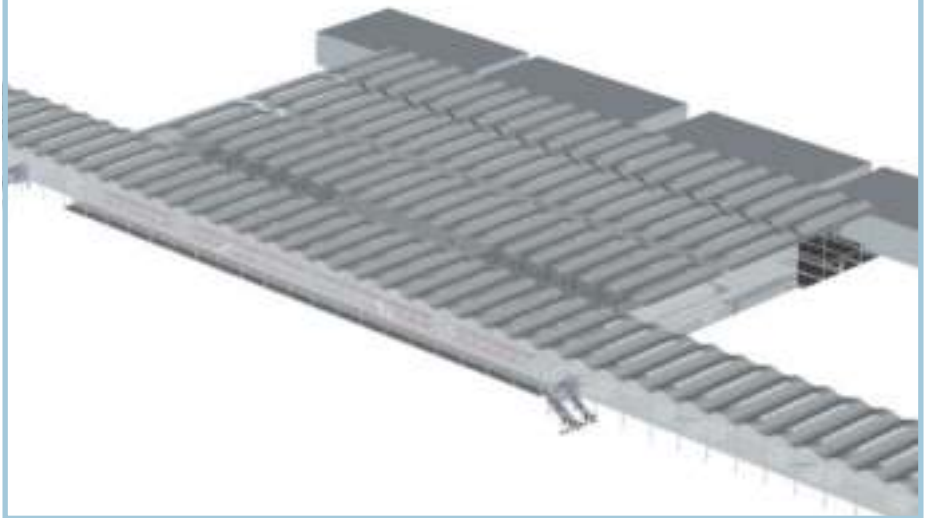
**Learning Center**



**Business Hotel**



**Donmueang International Airport**



**Mixed-Use**



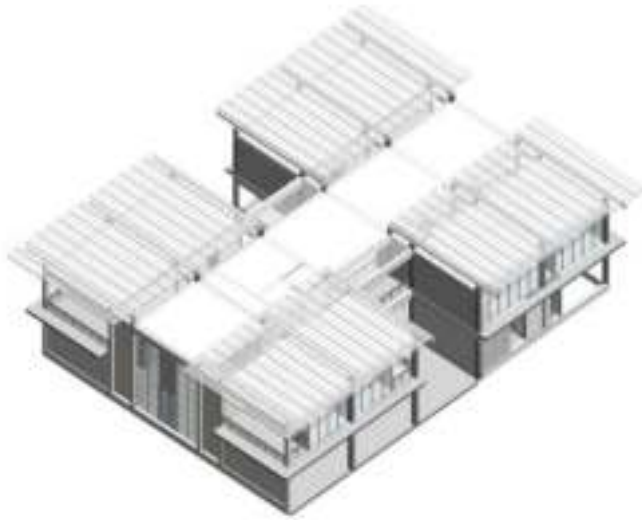
**Office**



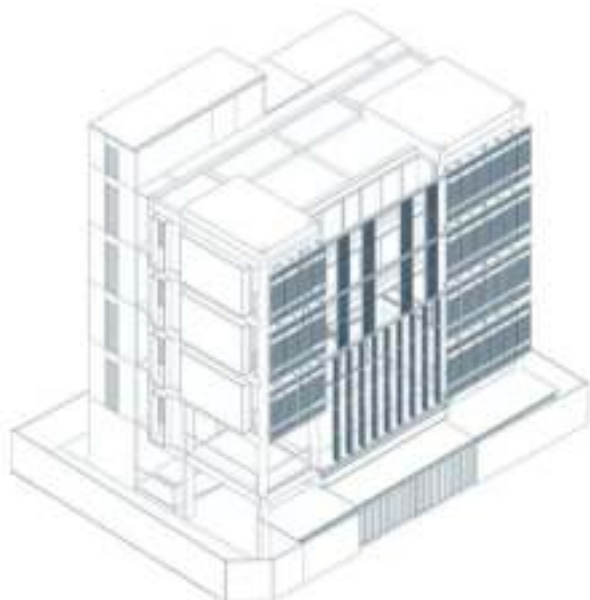
## Homestay



## Service Apartment



## Three-Family House



## Condominium



## Projects

### Residential

- Condominium
- Three-Family House
- Service Apartment
- Homestay

### Mixed use/Office

- Office
- Learning Center

### Education

- Donmueang International Airport

### Transportation

### Hotel

- Business Hotel

### Health Care

- Rajakarun Center
- Thai Red Cross Society





# RATCHADAMNOEN KNOWLEDGE & CULTURE AVENUE "ROOF OF KNOWLEDGE"



AVENUE FOR KING CELEBRATION    AVENUE FOR DEMOCRACY    AVENUE IN DECAY    AVENUE THAT CELEBRATE KNOWLEDGE AND OPPORTUNITY FOR ALL

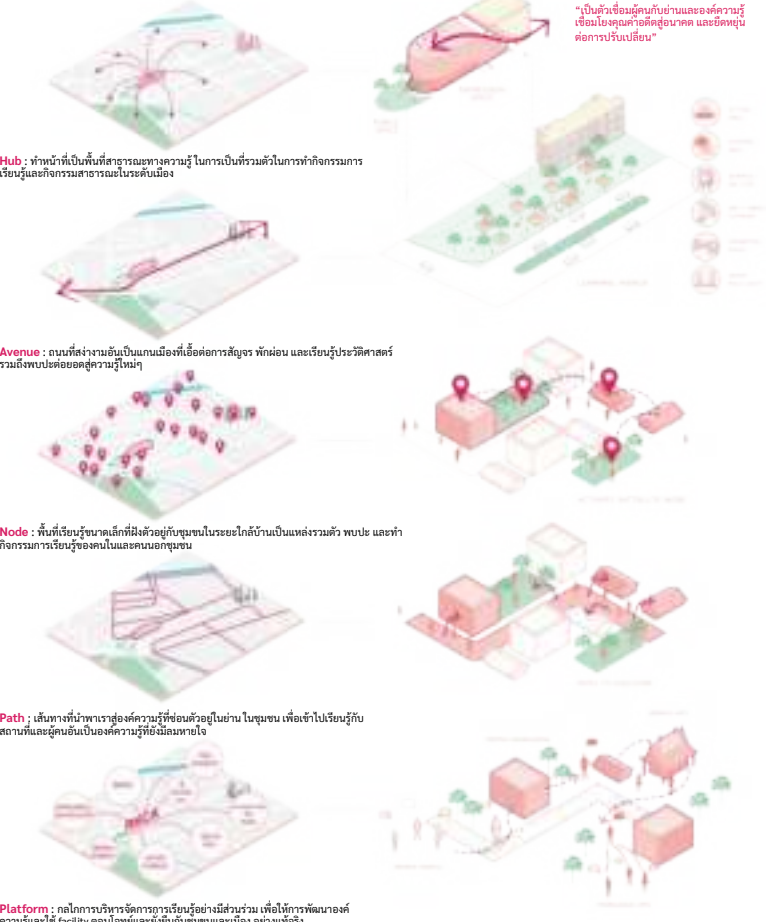
## "KNOWLEDGE FOR ALL" "ALL FOR KNOWLEDGE"

พื้นที่การเรียนรู้สำหรับทุกคนที่เชื่อมโยงเมือง ย่าน พื้นที่สาธารณะและความรู้ที่มีอยู่ทุกที่เข้าไว้ด้วยกัน ภายใต้ "ชายคาของความรู้" ที่ให้อิสระแก่ทุกคน ในการเป็นได้ทั้งผู้เรียนและผู้สอน ที่ที่เรียนเป็นได้ทั้งในและนอกอาคาร ในสวน ในชาน ในบันได ในชุมชน เพราะความรู้มีอยู่ทุกที่ที่จะสร้างโอกาสให้กับเรา ขอแค่เรามีอิสรภาพ



## LEARNING ECOSYSTEM

เพื่อสร้างระบบนิเวศของการเรียนรู้ จำเป็นที่เราต้องสร้าง infrastructure ที่สมบูรณ์พร้อมในหลากหลายมิติ เพื่อให้เราทุกคนเข้าถึงความรู้ที่มีอยู่รอบตัว



## LEARNING DISTRICT

โดยรอบที่โครงการมีแหล่งเรียนรู้ทรงคุณค่าของเกาะรัตนโกสินทร์ เช่น พิพิธภัณฑ์ วัด วัง ชุมชน พื้นที่โครงการจะทำหน้าที่เป็น Learning District เชื่อมต่อเส้นทางทางเข้าถึง เพื่อศึกษาค้นคว้าของพื้นที่โดยรอบให้หลอมรวมโครงการการเรียนรู้แบบใหม่



## CUSTOMER JOURNEY

สร้างประสบการณ์การเรียนรู้แบบใหม่ สร้างการมีส่วนร่วมของผู้คนที่หลากหลาย ผ่านพื้นที่ใช้งานของโครงการที่ออกแบบไว้รองรับ "ให้ทุกคนเป็นได้ทั้งผู้เรียนผู้สอน" ดึงศักยภาพและองค์ความรู้ของกลุ่มคนที่มีในย่านอยู่แล้ว มาช่วยเพิ่มศักยภาพการเรียนรู้ที่หลากหลายขึ้น ไม่จำกัดแค่ในห้องเรียน



"ชายคาความรู้ เพราะอิสรภาพ = โอกาสของทุกคน"



RKCA IN RATTANAKOSIN ISLAND





**GROUND FLOOR**



**MEZZANINE FLOOR**



**FUTURE LEARNING: KNOWLEDGE DISTRIBUTION + KNOWLEDGE CREATION + KNOWLEDGE UTILIZATION**

การเรียนรู้และการเข้าถึงที่ไร้ขีดจำกัด 21 การศึกษาแบบเปิดและหลากหลายวัฒนธรรม การทำงานร่วมกันและการเรียนรู้ / การเรียนรู้ที่พัฒนาผ่าน ดิจิทัล และนวัตกรรม



สามารถเข้าถึงการเรียนรู้แบบไร้ขีดจำกัด 21 การศึกษาแบบเปิดและหลากหลายวัฒนธรรม การทำงานร่วมกันและการเรียนรู้ / การเรียนรู้ที่พัฒนาผ่าน ดิจิทัล และนวัตกรรม



การออกแบบที่ใส่ใจต่อธรรมชาติและชุมชน การเรียนรู้แบบเปิดและหลากหลายวัฒนธรรม การทำงานร่วมกันและการเรียนรู้ / การเรียนรู้ที่พัฒนาผ่าน ดิจิทัล และนวัตกรรม



Learning Center Competition with Somsoon architecters team

# Condominium

Rama III, Bangkok  
88984 Sq.m.  
Architectural Thesis







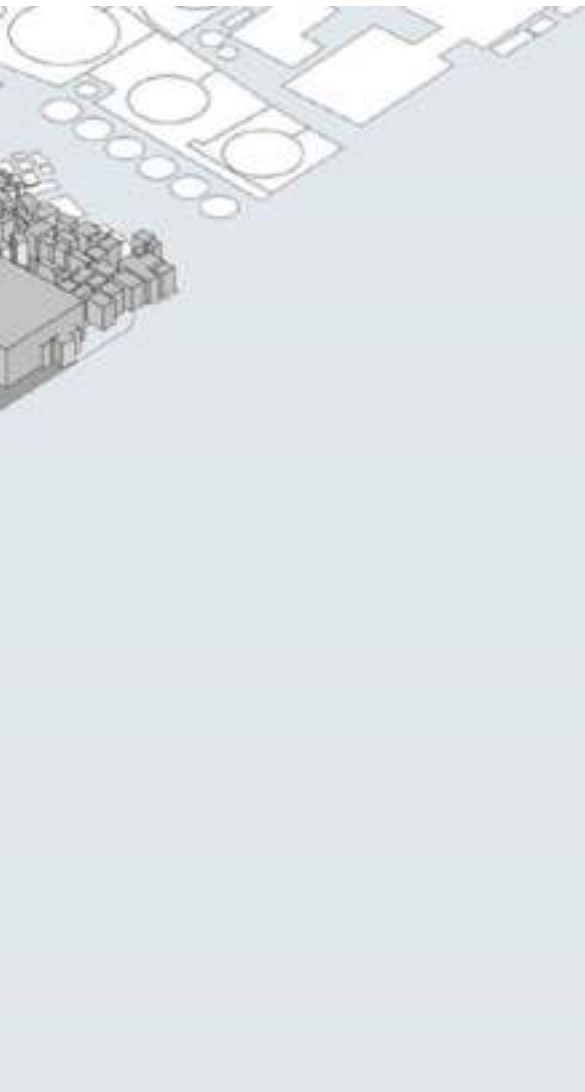
Segment : Upper-High Class  
Site Area : 17584 (Far 1:7)  
Project Area : 88984 Sq.m.  
Site Area : 12800 Sq.m.  
Phase 2 Area : 33495 Sq.m.  
Site Phase 2 Area : 4784 Sq.m.

1 Building 59 Stories  
Height : 229m  
Units : 752  
Parking : 570 (75%)  
Maximum Unit Per Floor : 18

Unit Type And Area:  
1 Bedroom 40 Sq.m. 440 Units  
2 Bedroom 60 Sq.m. 246 Units  
3 Bedroom 120 Sq.m. 66 Units  
Efficiency : 60%  
Circulation/Floor : 15%





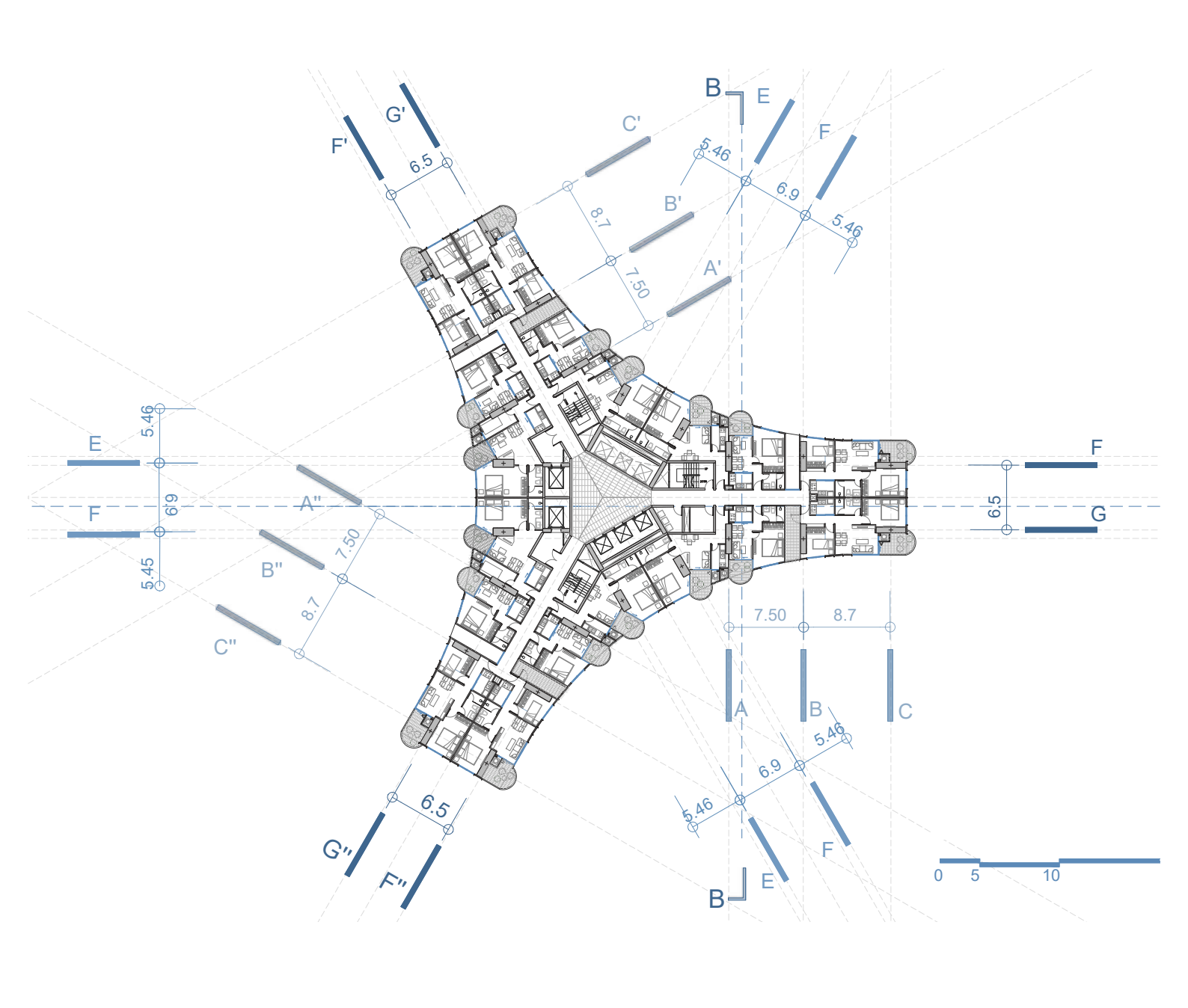


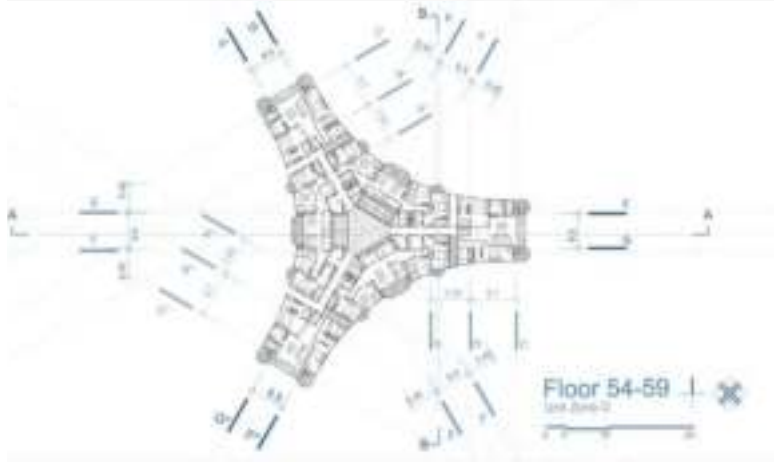
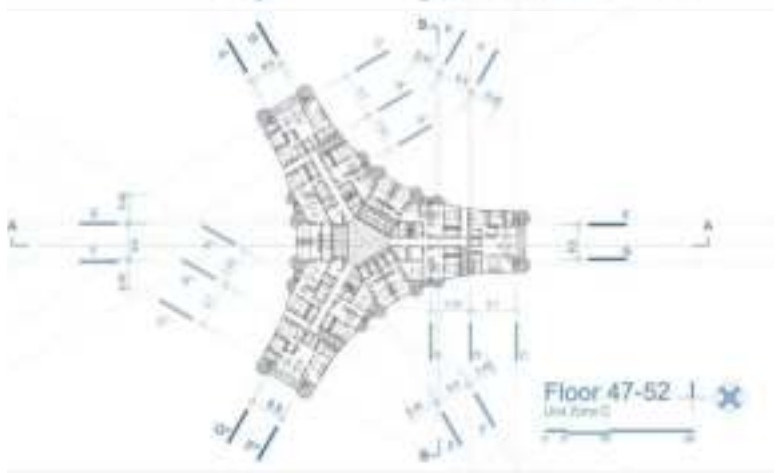
According to the context surrounding, there are river curves and the opposite is Bang Krachao. Moreover, the adjacent land on both left and right site is available for other future projects, which might be block the condominium view. The shape of the residential building has y-shape form, which affect to each unit view. As the building has three sides, the proportion of the number of rooms that can see the river and bang krachao view to city view is 2:1 by turning the tail of the y-shape to the riverside. If there are future buildings to block the view, the y-shape helps avoid looking at the other land directly.

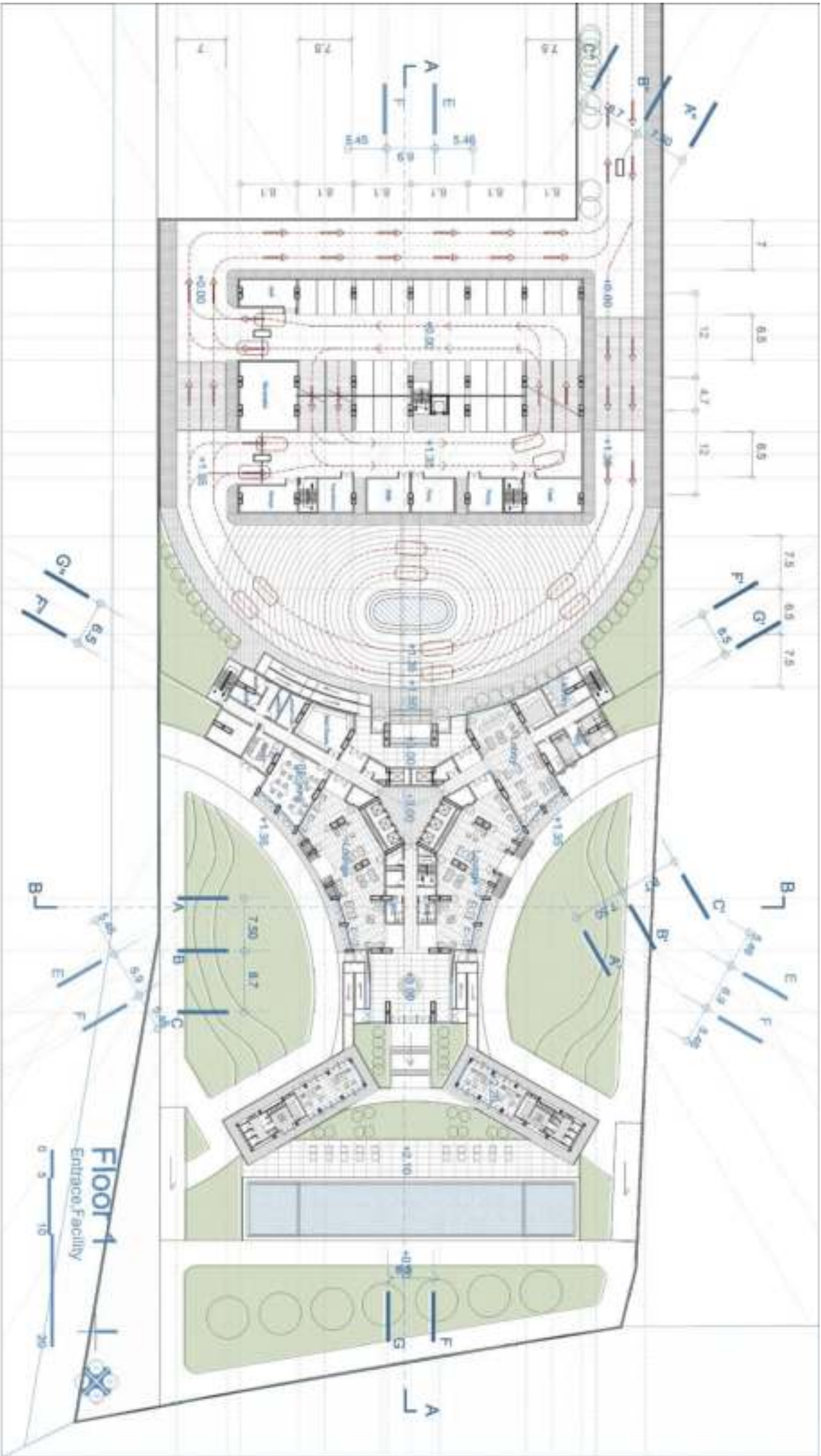
The master plan has three buildings including parking building, residential building and waterfront pavillion. According to large area site, separating the residential building and parking area make more convenient and more efficient than placed parking area in y-shape plan.

The residential building is located far from the river 45 meters, thus there is no height limitation. The waterfront pavillion can be built in the distance less than 45 meters and uses as a falicity. The remaining space on the ground is designed as a landscape. The user in residential building can take advantage of the green area outside. And the landscape design is to encourage people to go outside with outdoors activity.

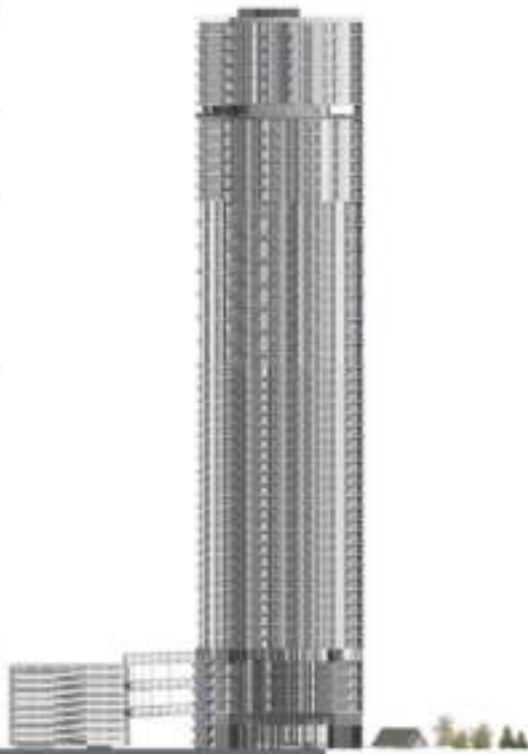




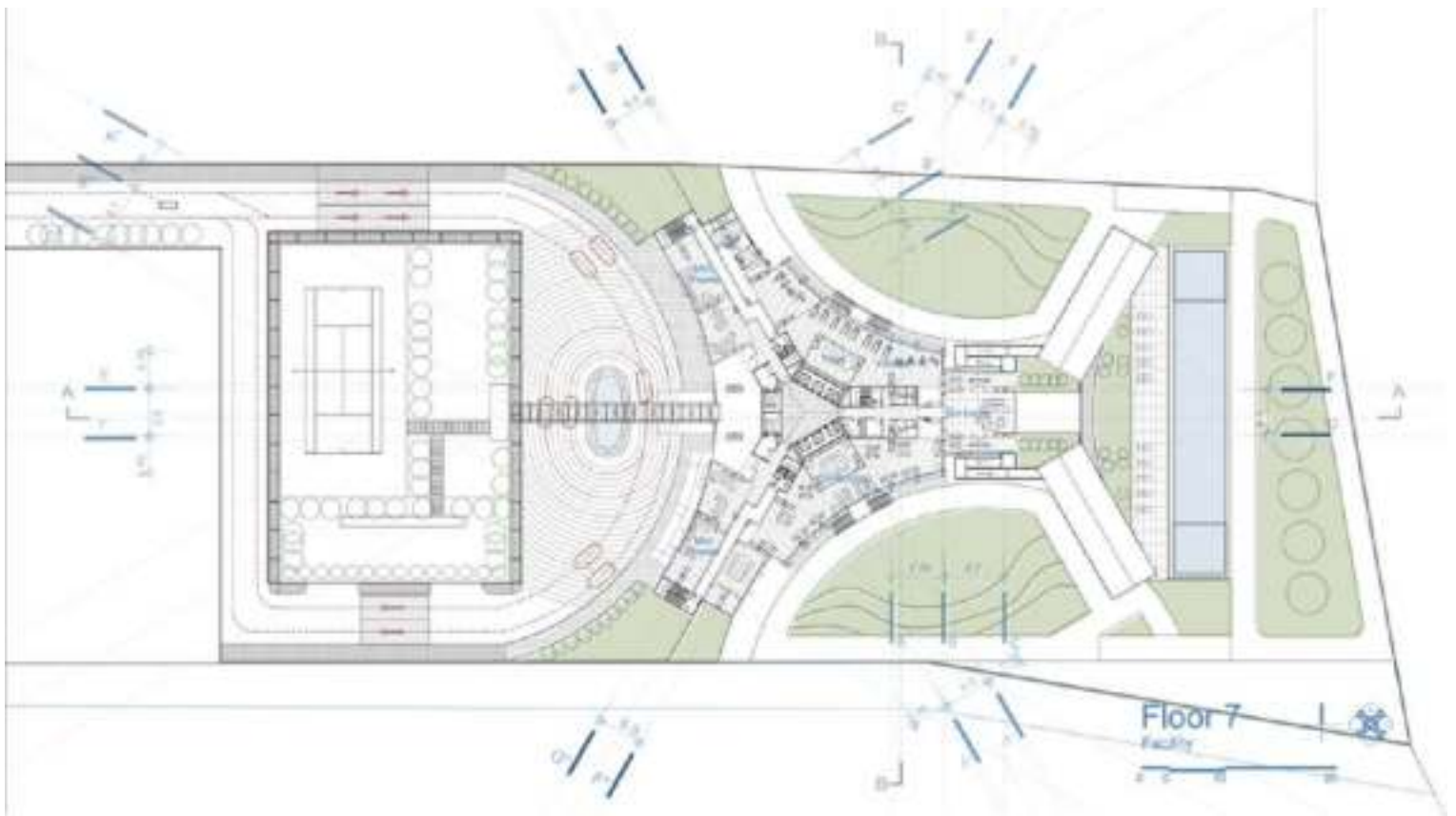




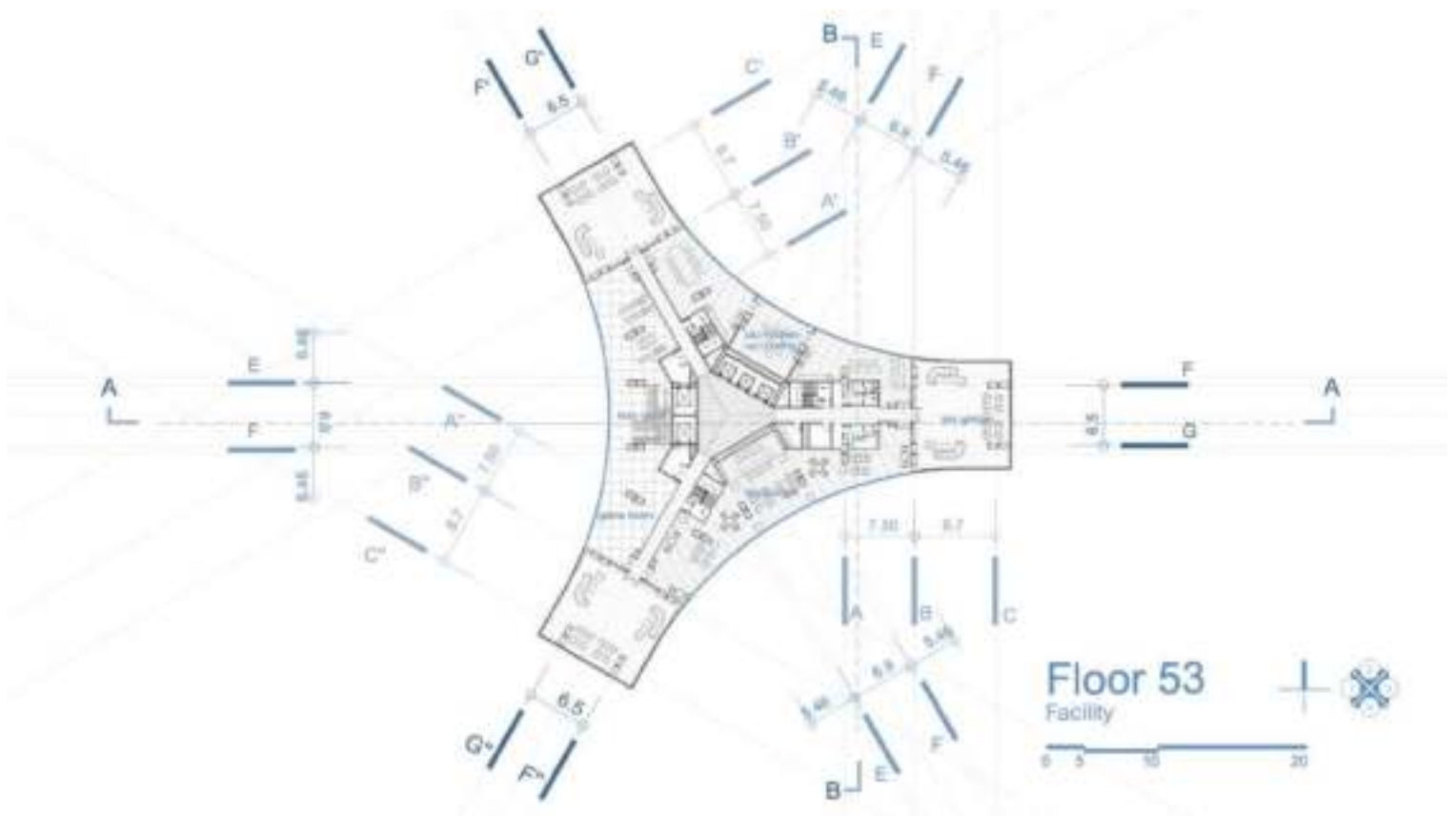
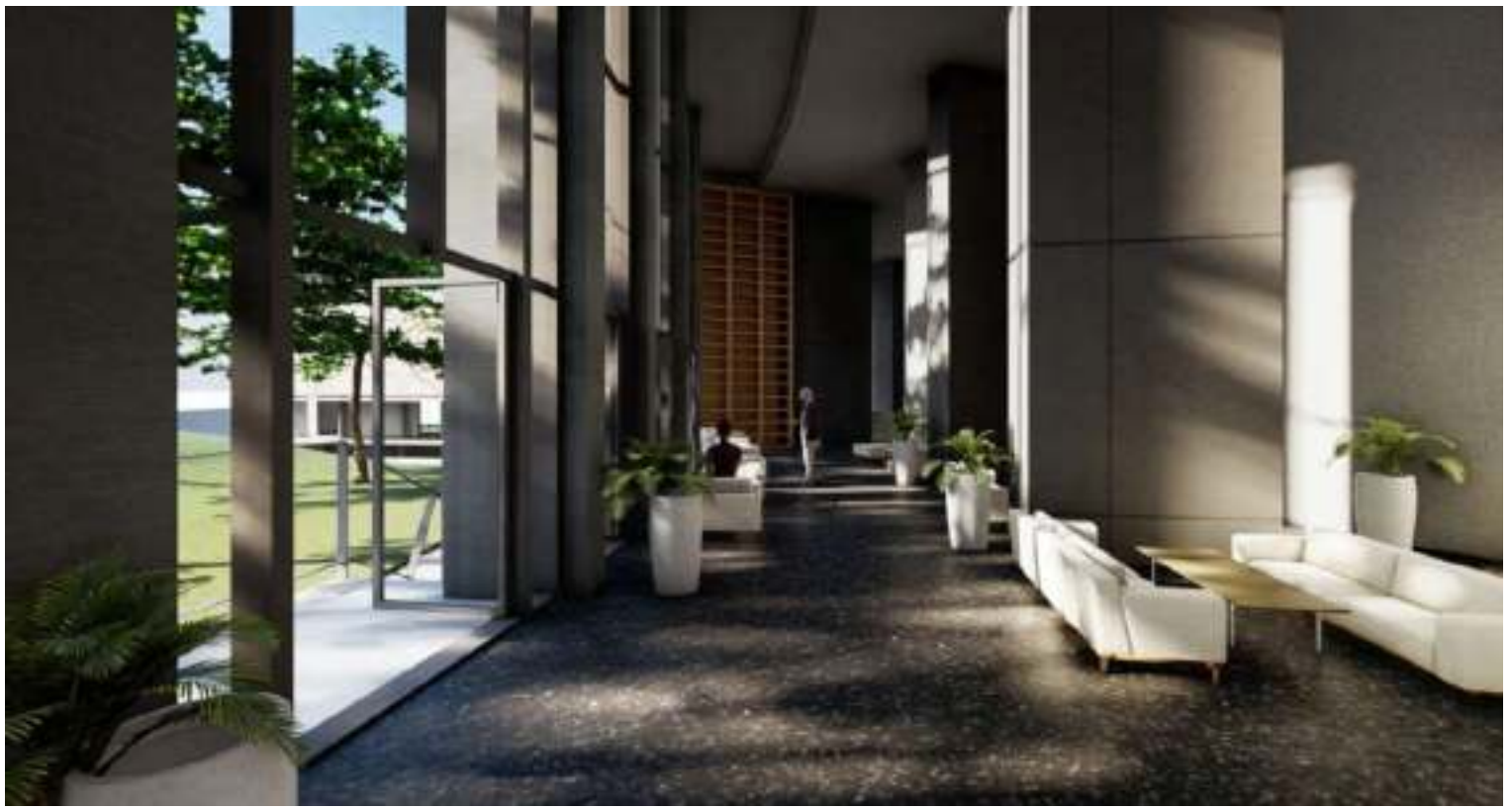




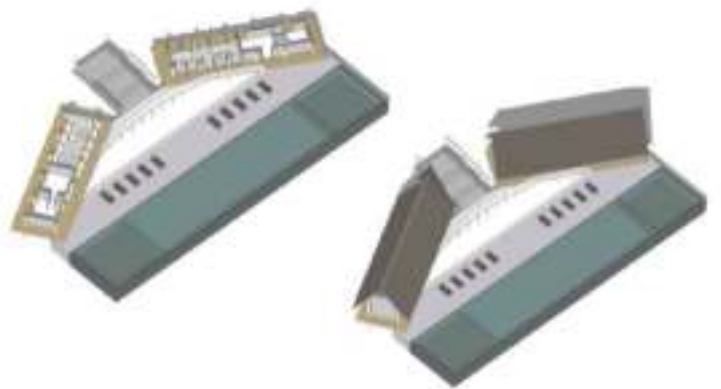
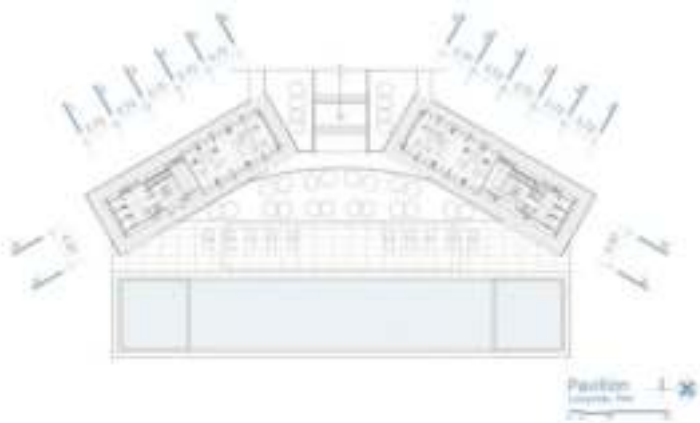














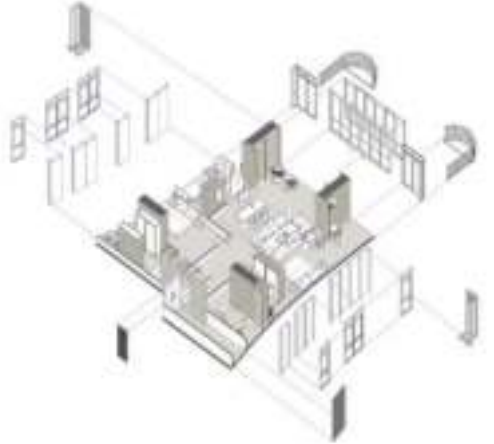
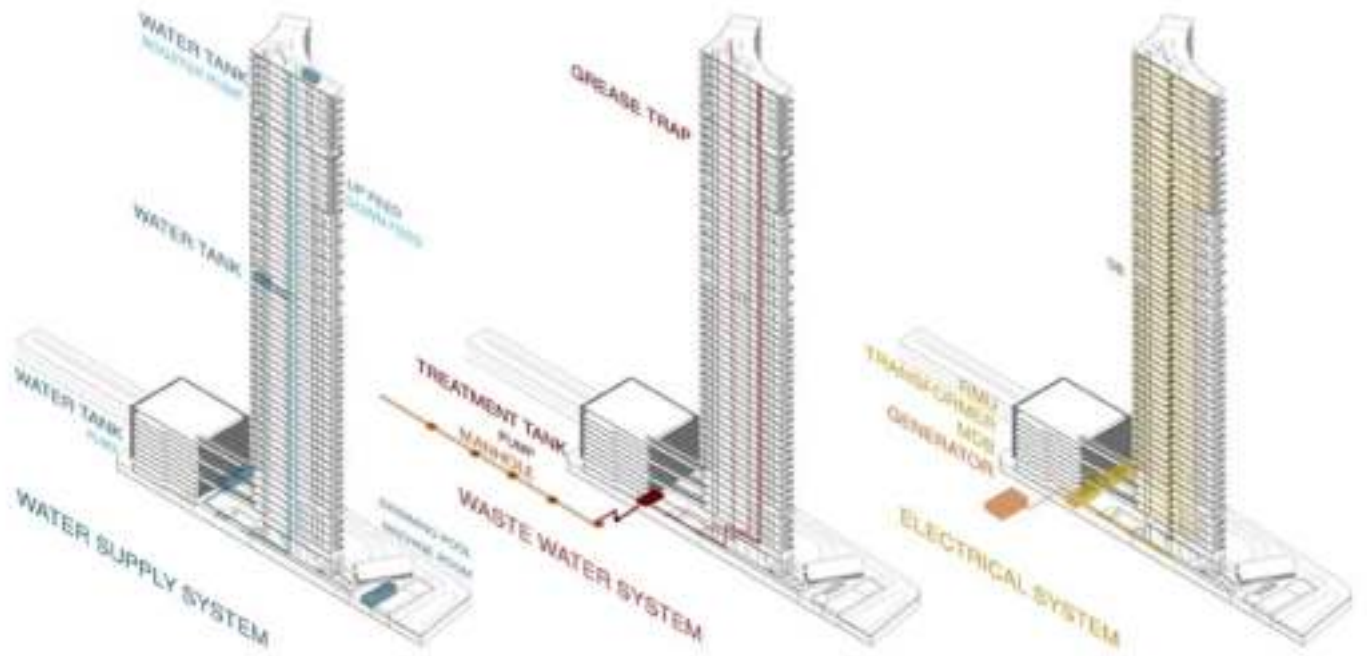




In the vertical circulation, the core is in the middle of the building and has divided into Low Zone and High zone including passenger elevators, fireman elevators, fire escapes, electric room and garbage room.

In the typical floor plan, y-shape is shared center elevator hall and also has three corridor along the wing of the y-shape. It makes the most efficiency of circulation and salable area. In addition, the residential unit have much privacy. Each wings has no more than four units entrance without any other wings visible. The maximum room per floor is 18 units. Having three wings, each wing has the last room of the corridor.

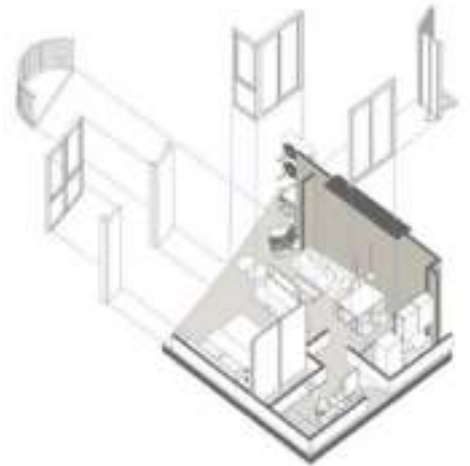






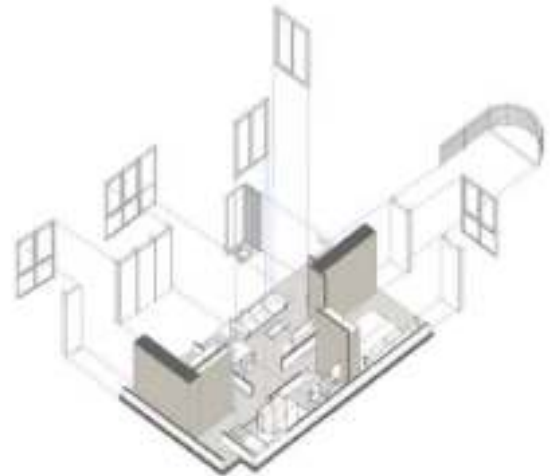
One Bedroom A1.2  
(28.00m<sup>2</sup>)

Isometric



Two Bedroom A1.6  
(38.00m<sup>2</sup>)

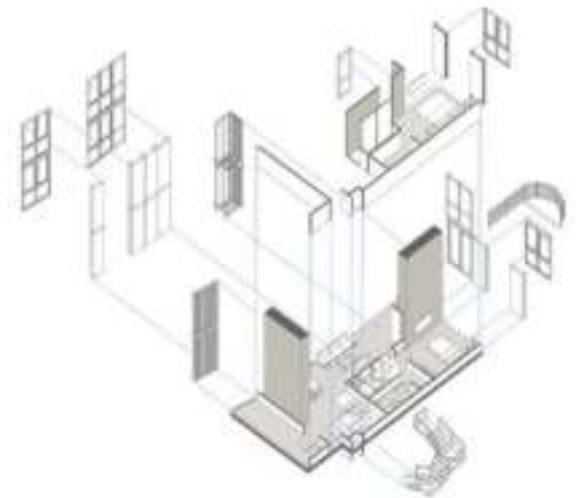
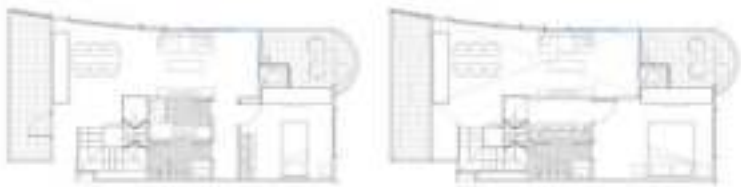
Isometric



Because the building height is 229 meters, the main structure is shear wall at the core and the columns are placed along the curve of the y-shape. The span are relevance to the post-tension floor structure system. The balcony and the walls of each unit is pre-cast concrete module to be assembled later, which is convenience for manufacturing and construction, as well as the window and the window shaded.



Two Bedroom B2.5  
DRAFT  
(1/20/2024)



The unit area starts at 40 sq.m. It is the appropriate area for living. Each unit include entrance hall, bedroom, bathroom, living area, dining area, kitchen with partition. and also the balcony area which can sit and relax.



# Three - Family House

Phra Khanong, Bangkok

Studio Design Year 3





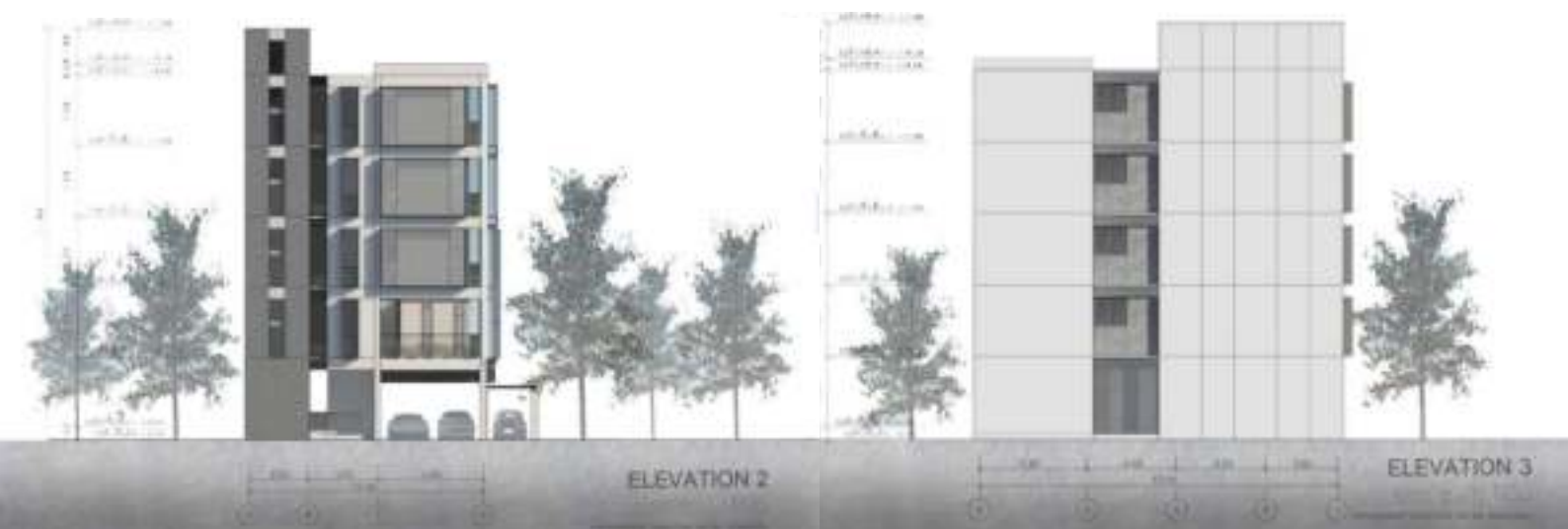
LAYOUT PLAN



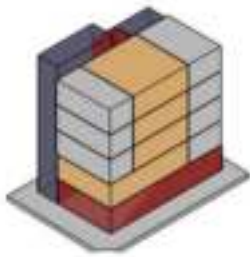
SECOND FLOOR PLAN











● CORE  
 ■ PRIVATE SPACE  
 ■ COMMON AREA  
 ■ SERVICE



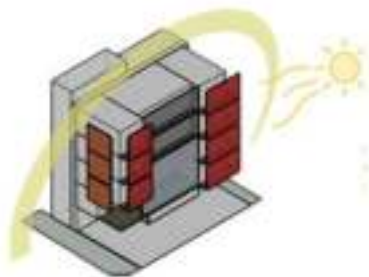
STRUCTURE



VENTILATION



GREENERY



**SECONDARY SKIN**  
 reduce heat from outside  
 increase privacy



THIRD FLOOR PLAN

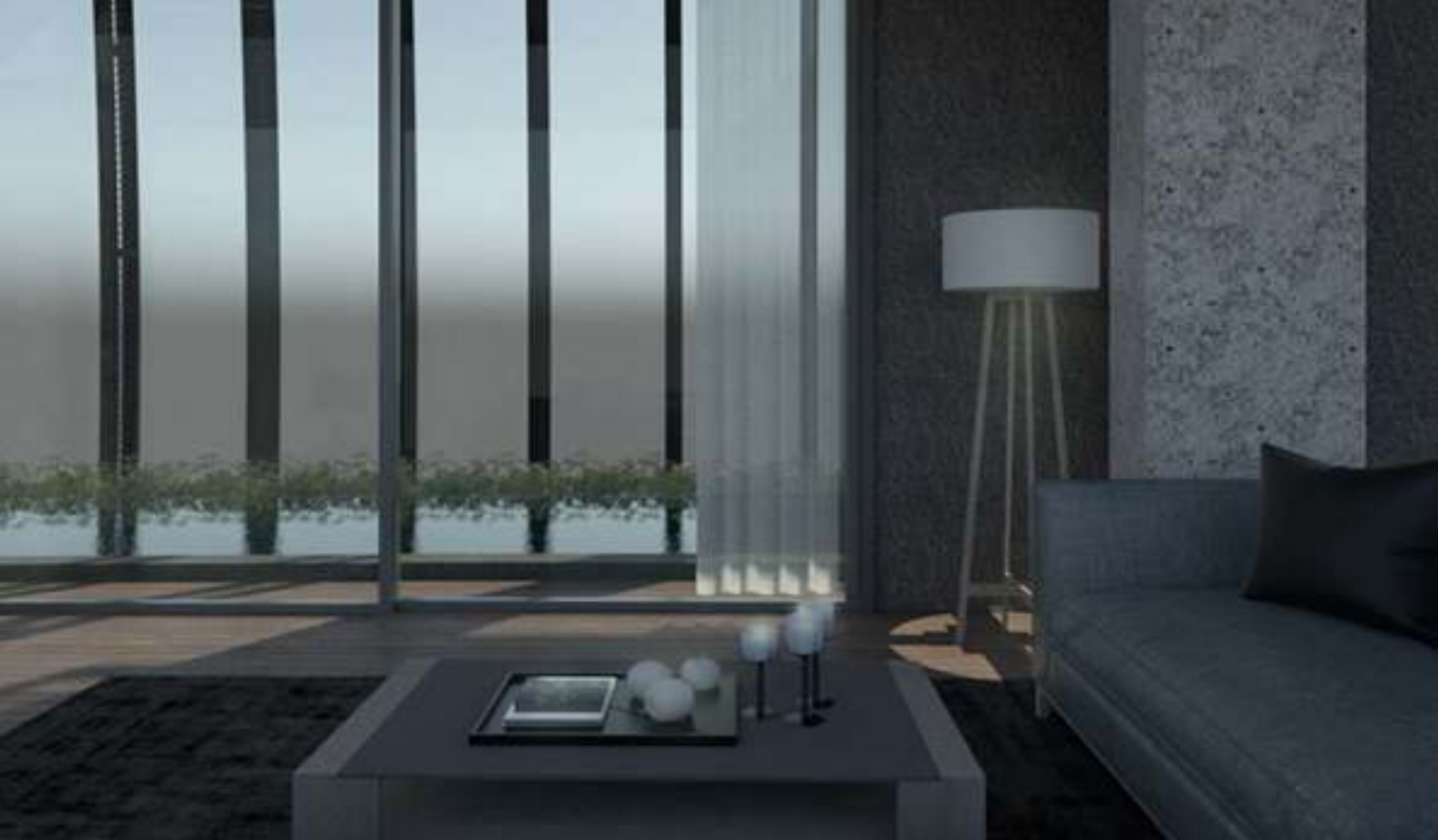


FORTH FLOOR PLAN



FIFTH FLOOR PLAN





Three-Family House is low-rise residential. The site is located in a dense community without outside view. The user is a big family with many members. Therefore, this project has to be designed space for a large house in a compact site.

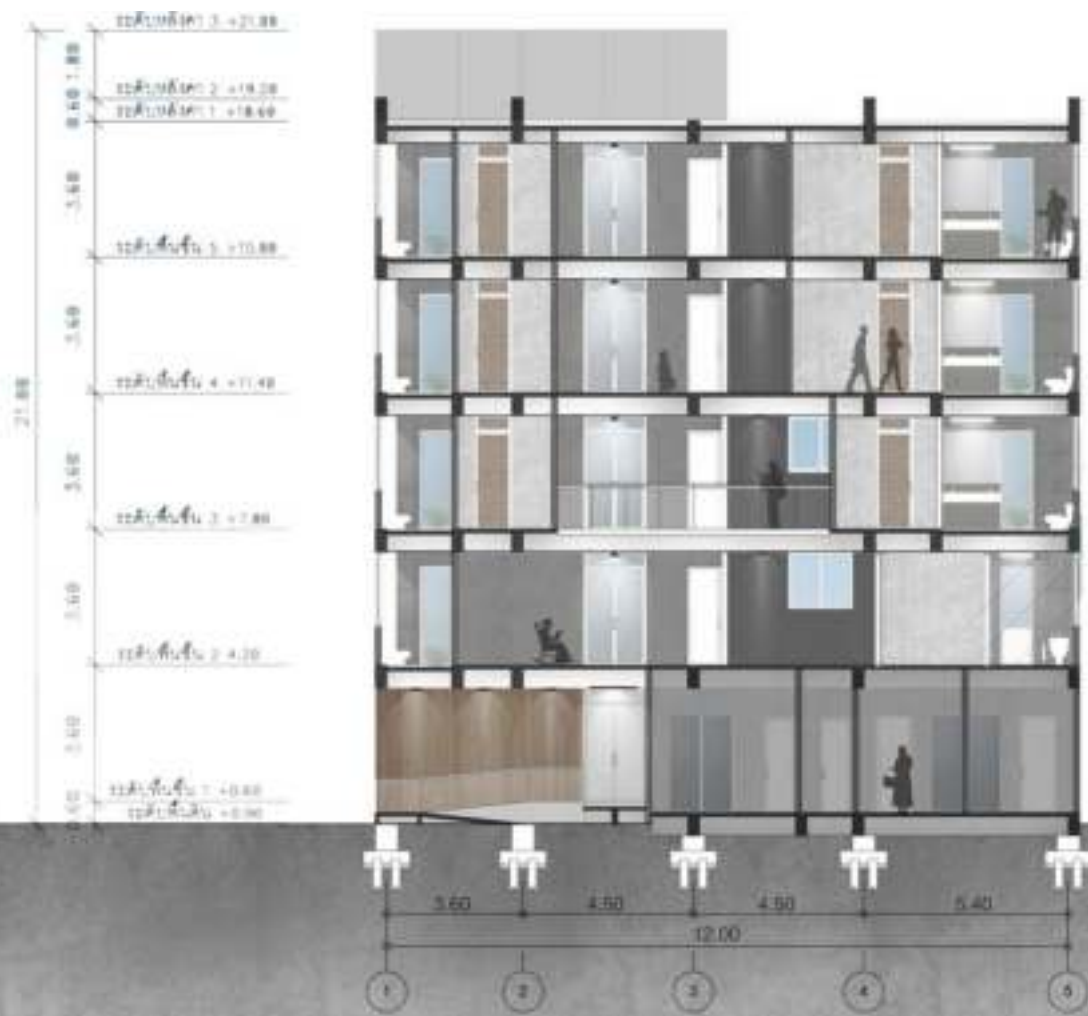
Each family has its own privacy and can share the common area on the 2nd floor including dining and living area, swimming pool and bedroom for an old family member.



The ground floor is used for parking, so the second floor has an open space for an outdoor area as the balcony. The swimming pool can be seen by every floor.

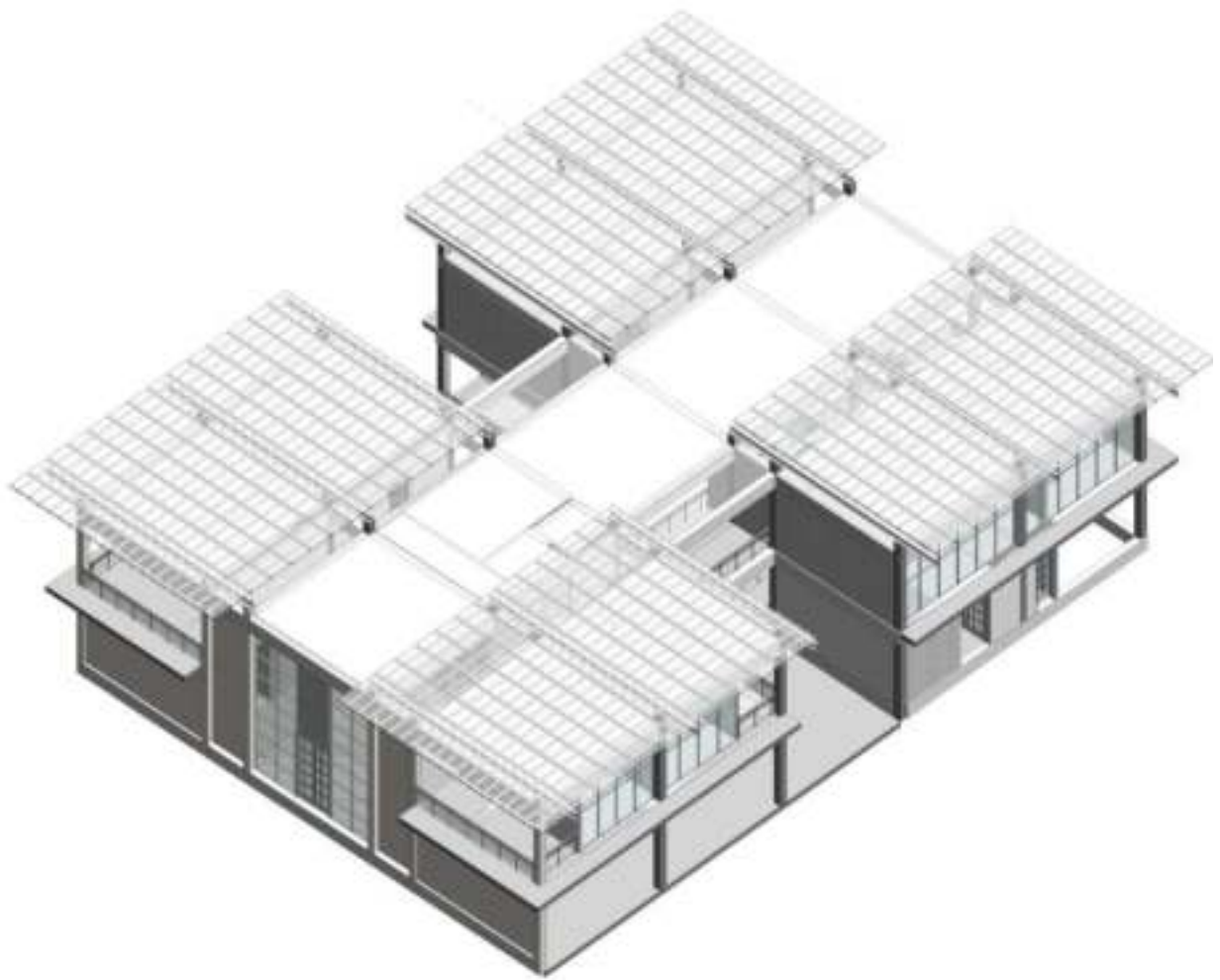
The facade has a double skin for privacy and also helps to shade the sun. The windows can be opened to get natural ventilation all day.





# Service Apartment

Prompong, Bangkok  
Studio Design Year 2

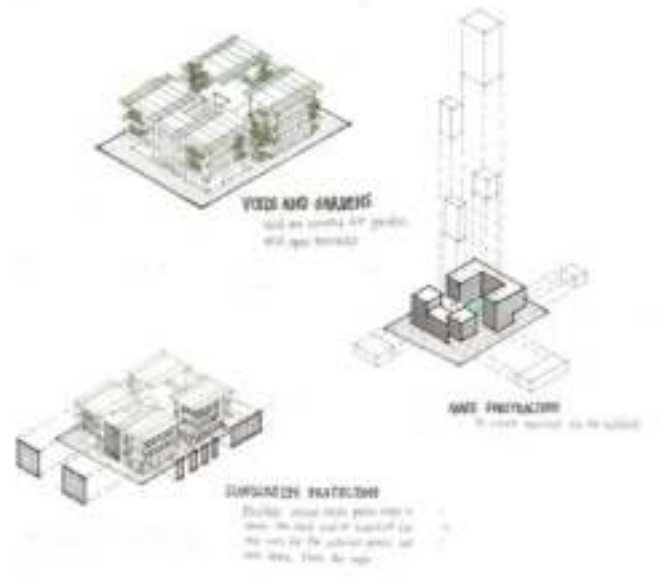
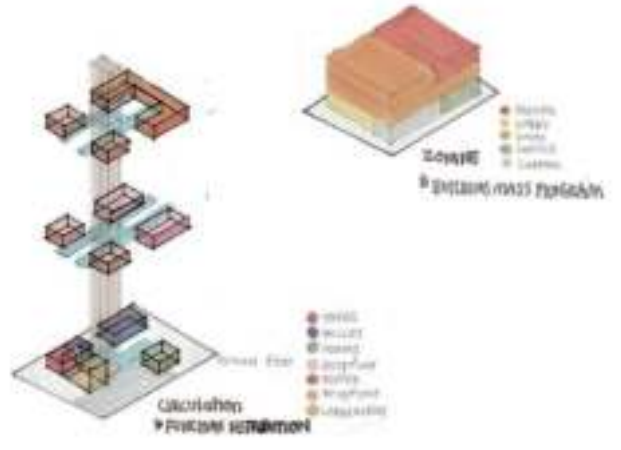
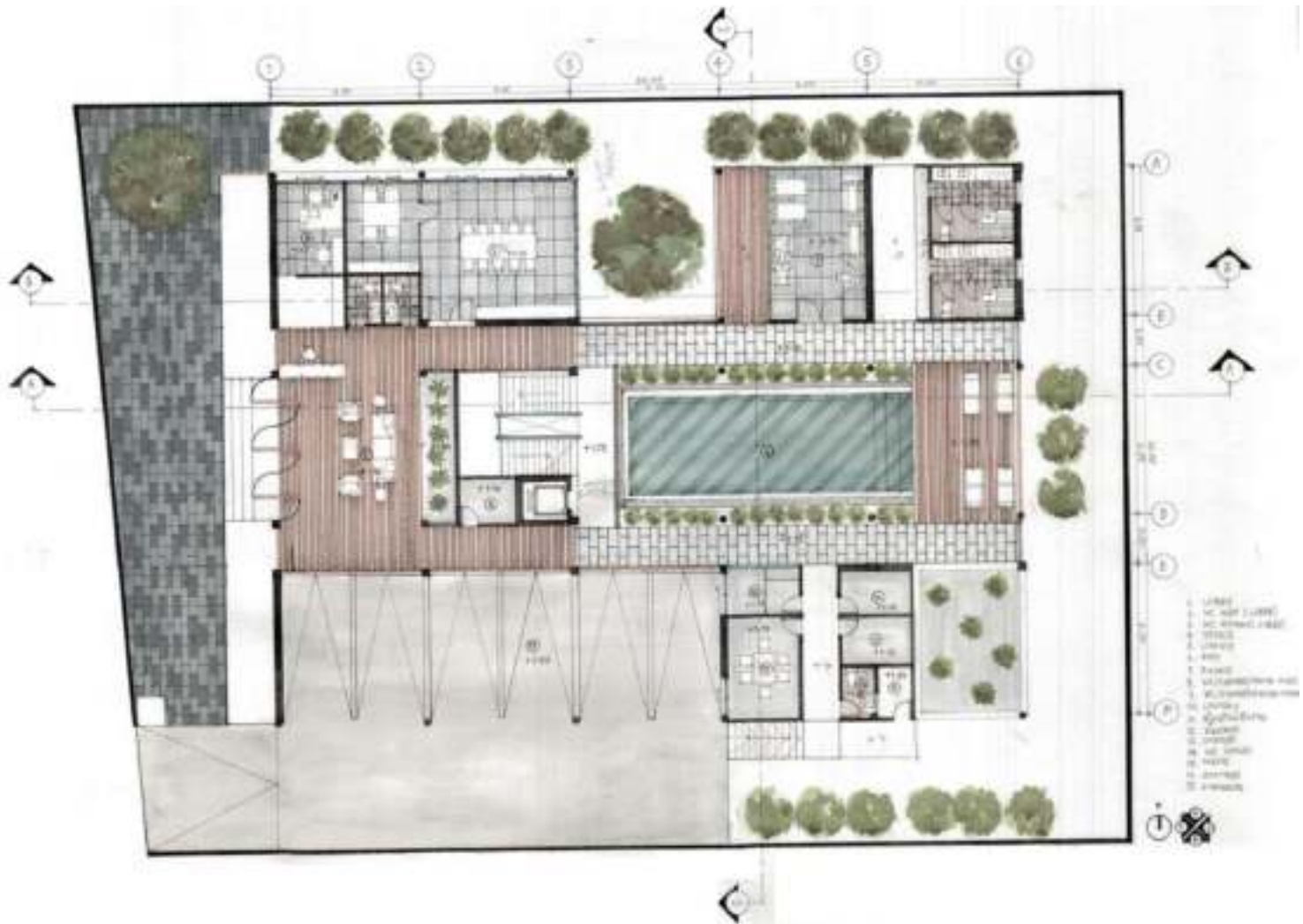


Service apartment is my second residential project studio with hand drafting presentation and created model by Revit in advanced.

This project site is located in densely populated area especially Japanese. The apartment requirement is to design with few units in accordance with Japanese user. The building is divided into four parts and the pool located in the middle of the building. Every units in this apartment have several opening sides to take natural light and ventilation with large private balcony. Wood is the main interior material to create a Japanese atmosphere. To entry to each unit is complied by Japanese order, which focus on the entrance hall of the house where separated from the other parts. The apartment unit of the owner is located on the top floor with the most privacy and also have spacious outdoor area as well as a house on the ground.

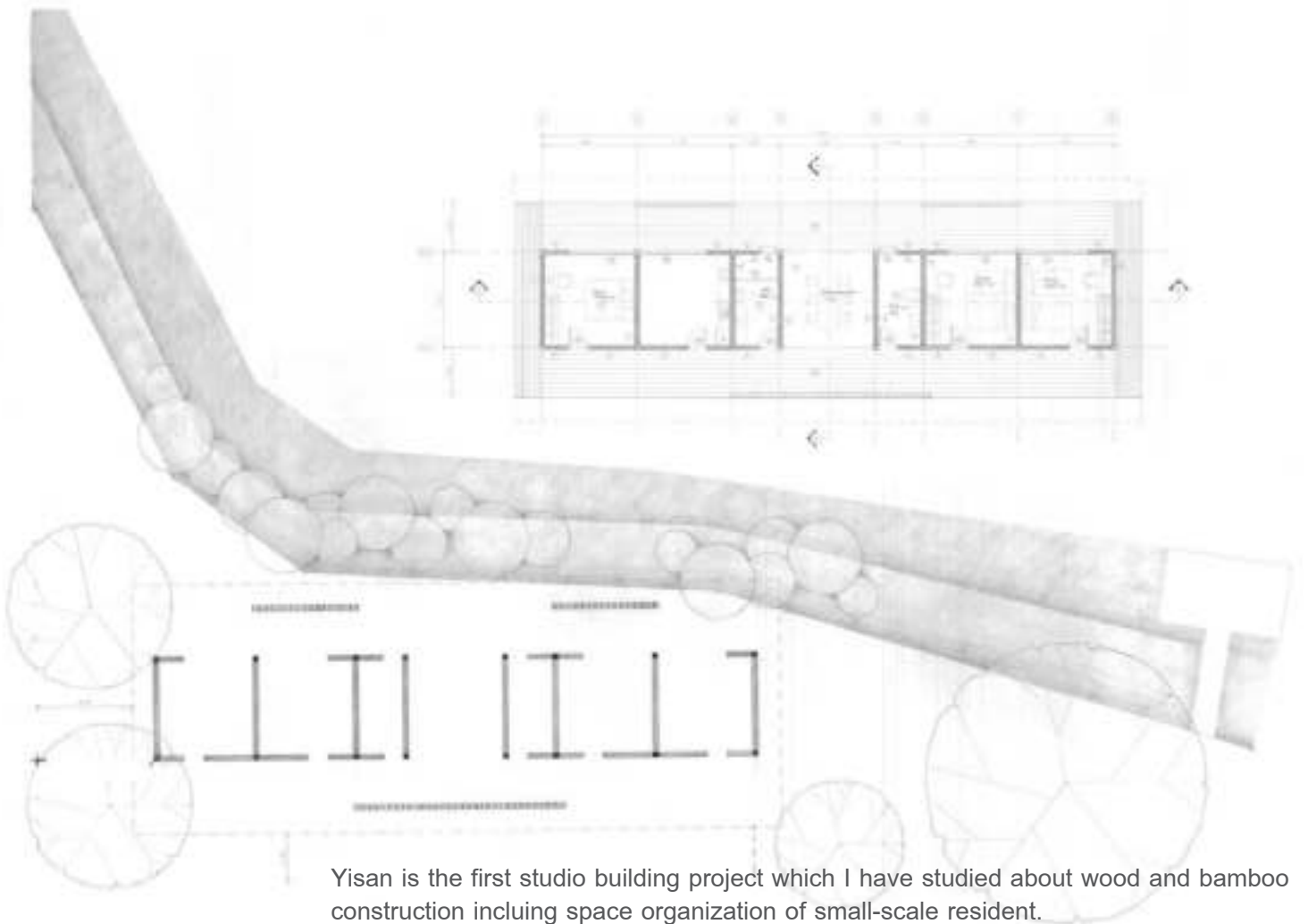
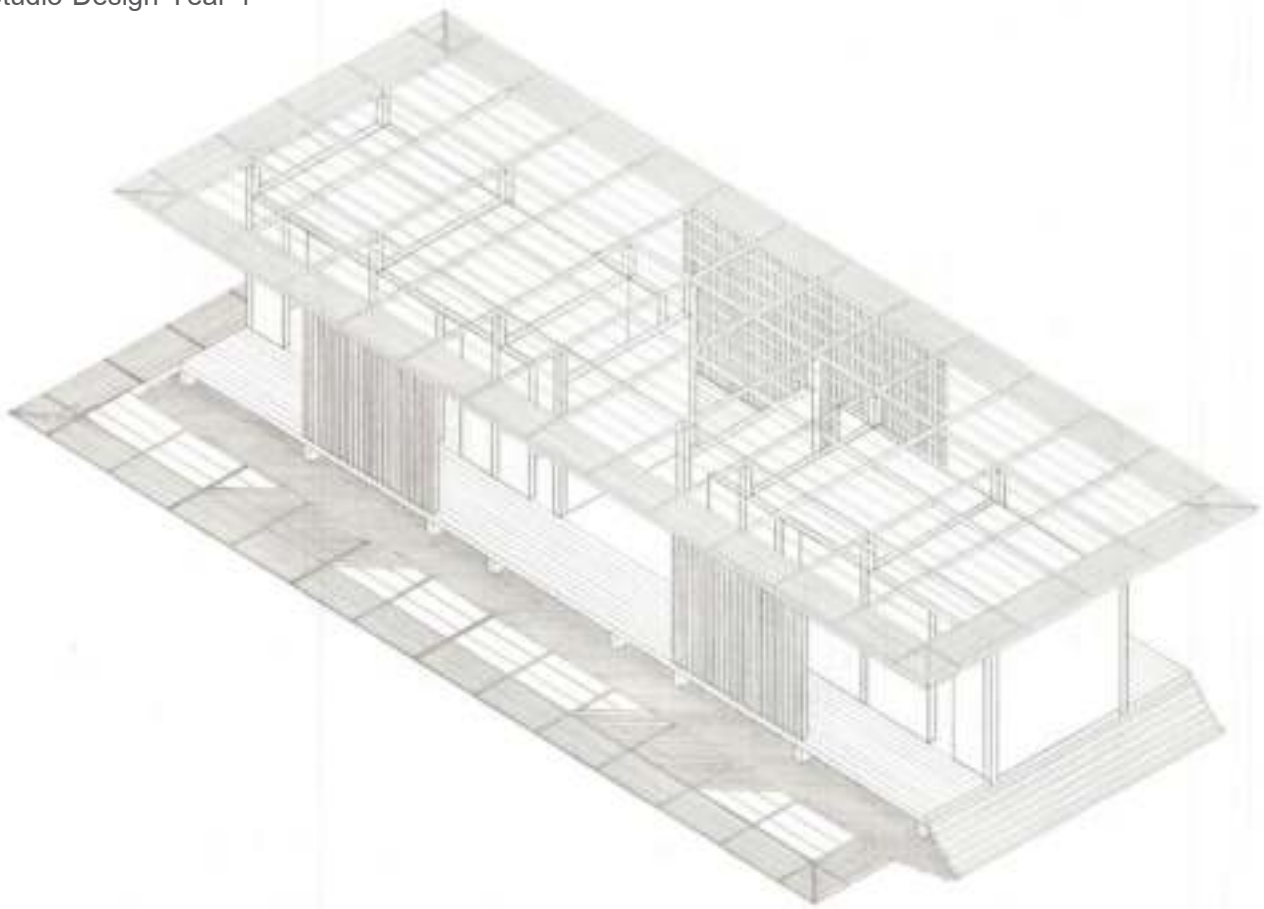






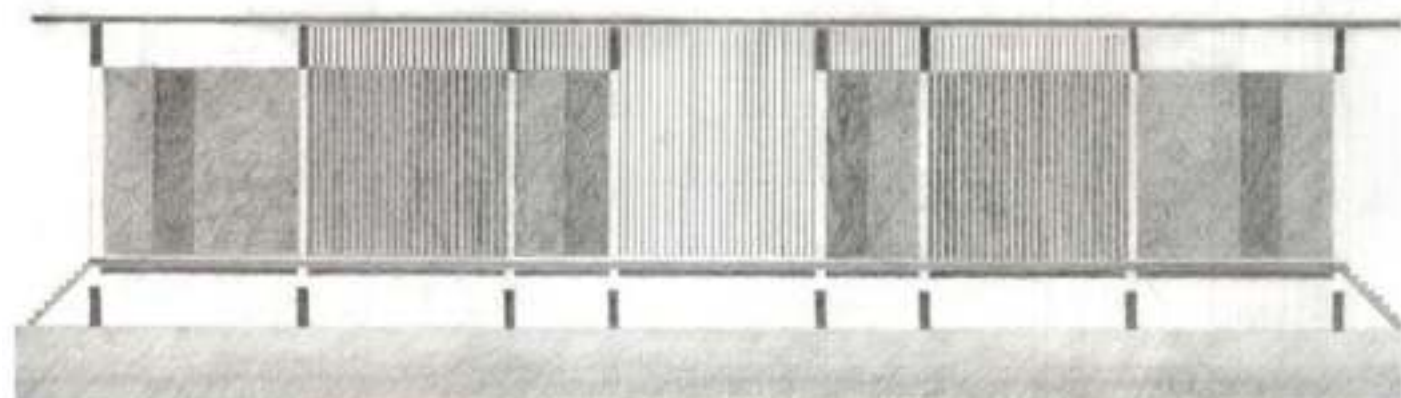
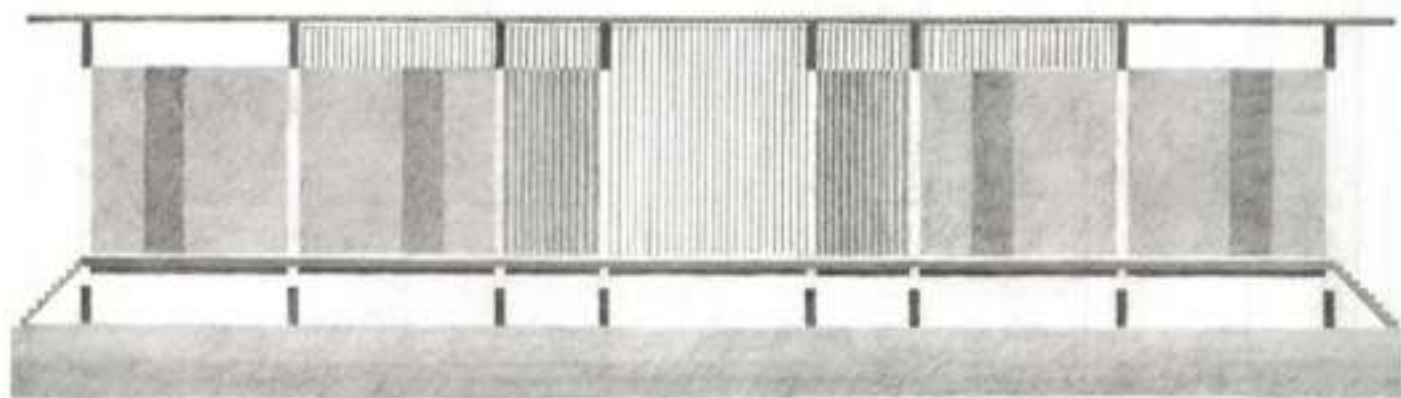
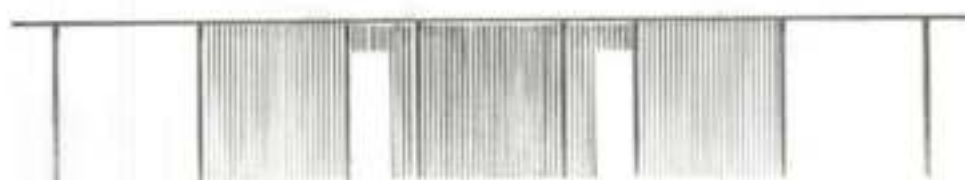
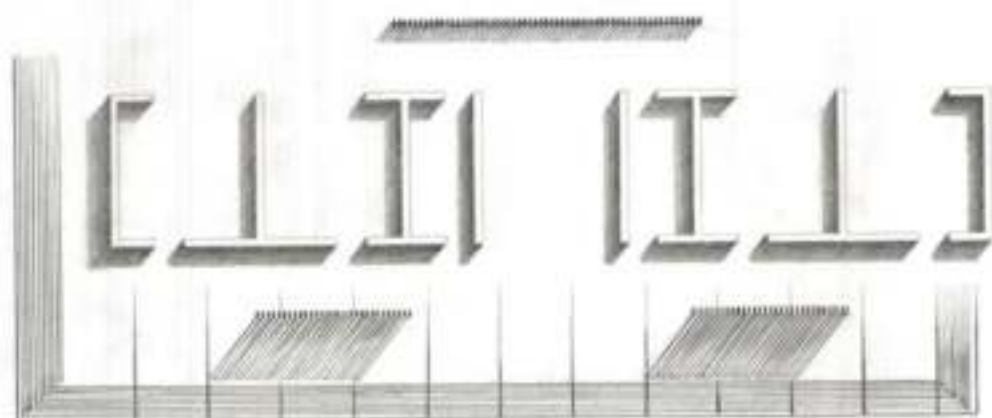
# Homestay

Yisan, Samutsongkram  
Studio Design Year 1



Yisan is the first studio building project which I have studied about wood and bamboo construction including space organization of small-scale resident.



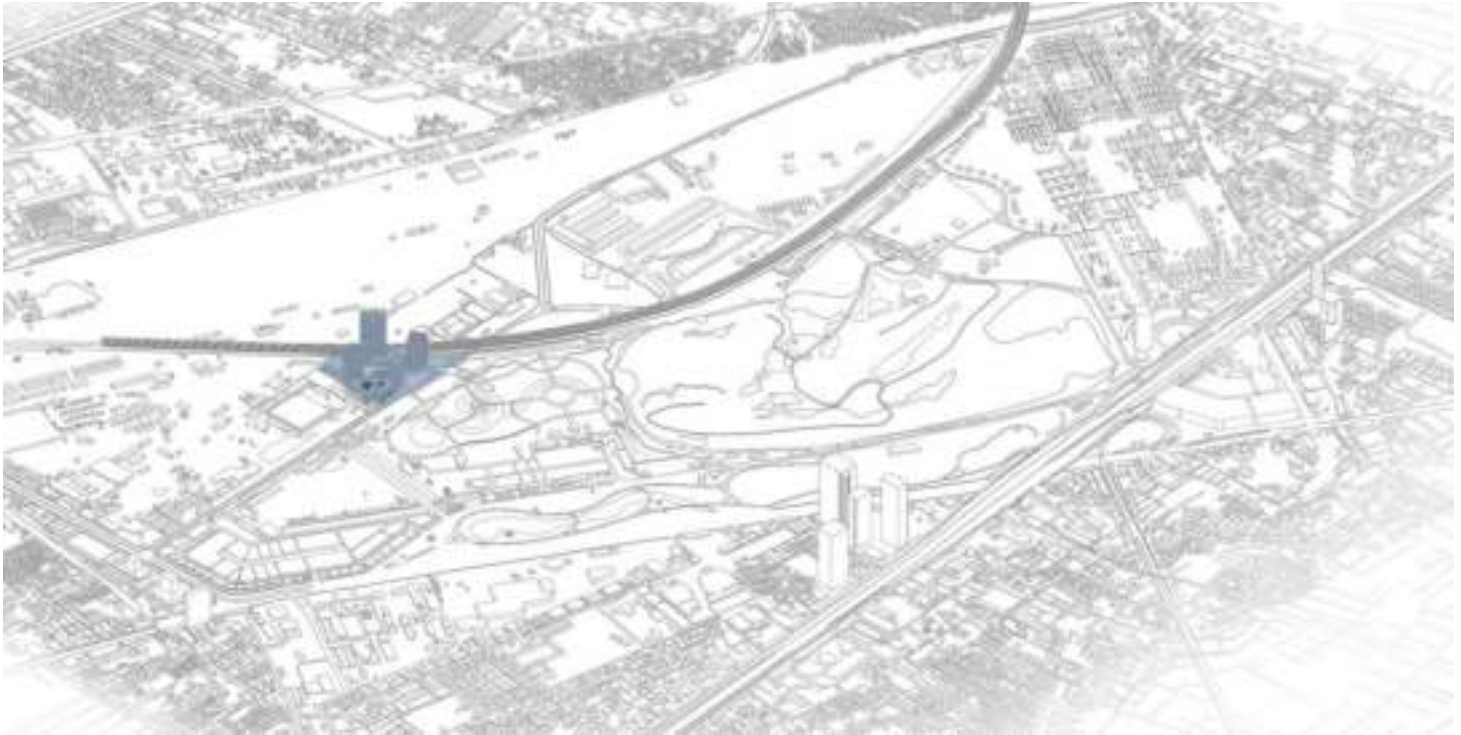


# Mixed-use / Office

Bangsue, Bangkok

17590 Sq.m

Studio Design Year 5



This mixed-use project need a lot of collaboration as a project group. The project design concerned about the city in urban scale. The building which I was responsible is the office building. To design a building in mixed-use project have to consider about the relationship with other buildings on site. According to the site location where located opposite of the Chatuchak public park, the idea of this mixed use is to connect green area of the city and the project. The walkway links people around the site and Chatuchak Park. And the connector node connects between 6 buildings in the middle of the site.





Ground floor

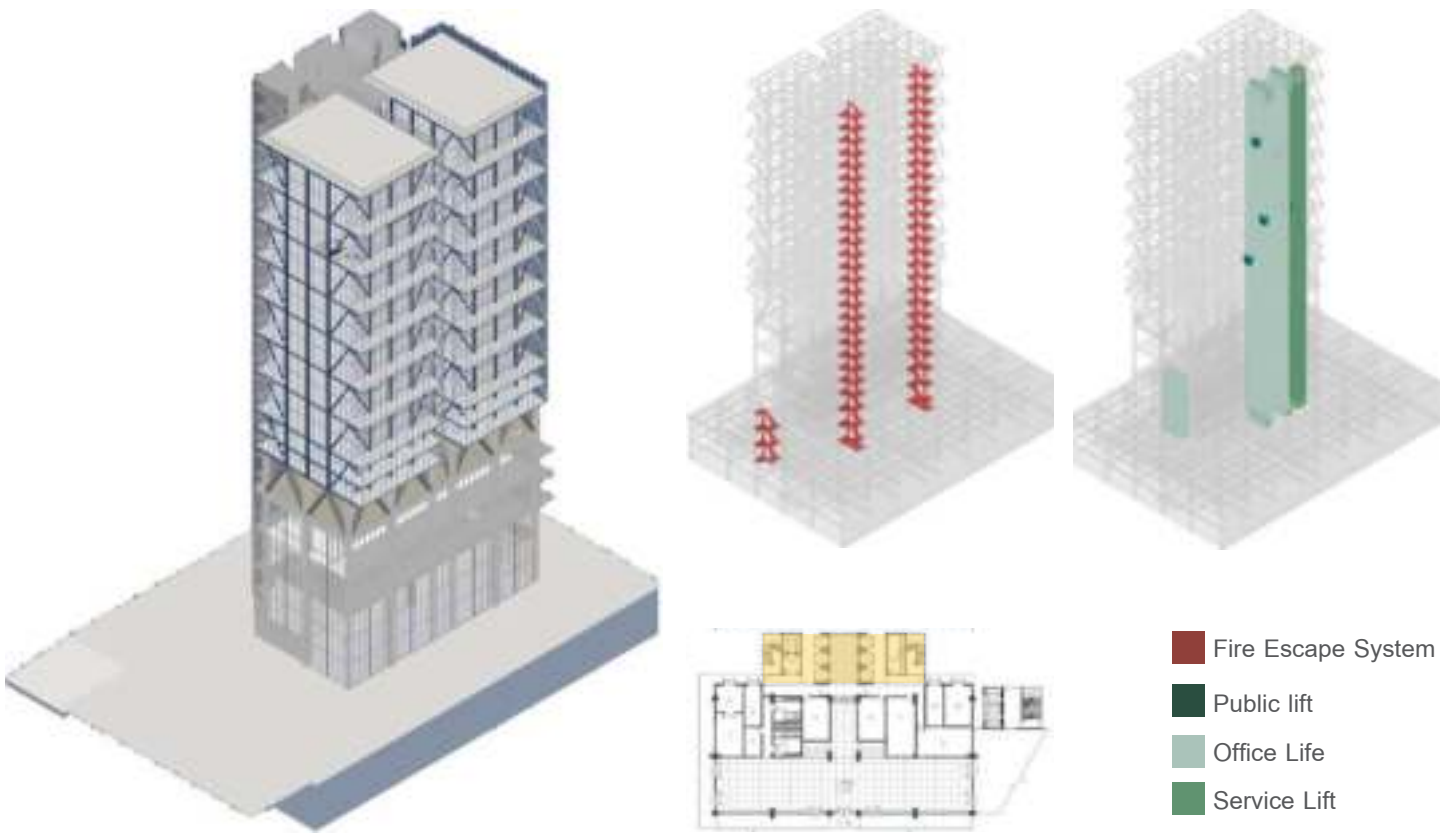


Connector node floor

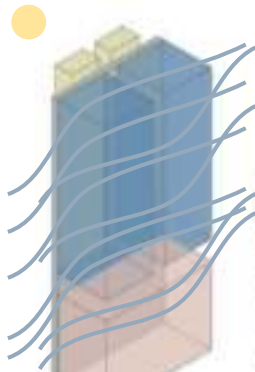
The office building has several entrances including the skywalk from BTS Mochit, connector node, and ground floor. The design is to utilize the open space by reducing the footprint size of the building as least as possible, and making the building height as much as possible with maximum of feasibility and setback of the office site. The setting; the building placed at the back of the office's site. The open space in the front of the building can be used to link people between the office and the shopping mall, and the drop-off area is in front of the building.







**Circulation**  
Maximum usable Area



**Classify**  
Public  
Private Office

**Nature**  
Sunlight  
Ventilation

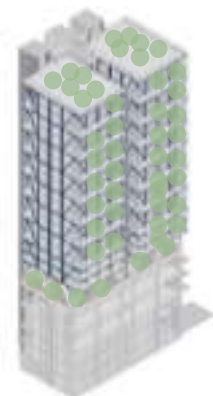


**Structure**  
Concrete - Steel

**High Rise Structure**  
Braced Truss  
Transfer Truss

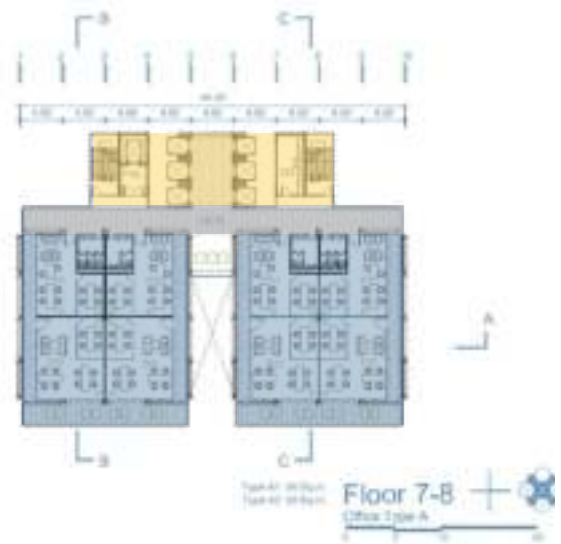


**Facade**  
- Double Skin 2 sided  
- Curtain Wall



**Green Area**

The ground floor is designed to be accessible by three sides of the building. The vertical circulation part include lift and fire escape are in the back of the building. The lift has security access to go to office zone. And using public lift outdoor to access the podium zone. The office Idea is aim to have well living in the working place. The program of the office has many facilities and green area on every floor. According to size of each office requirment, each unit does not requires much large space. Therefore, it is designed by divided the tower into two parts for three sides natural light. In this project, i have studied about the steel structure and high-rise buildings structure system. which can be resisted the wind load.

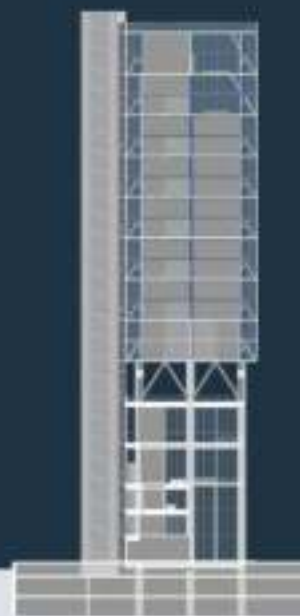
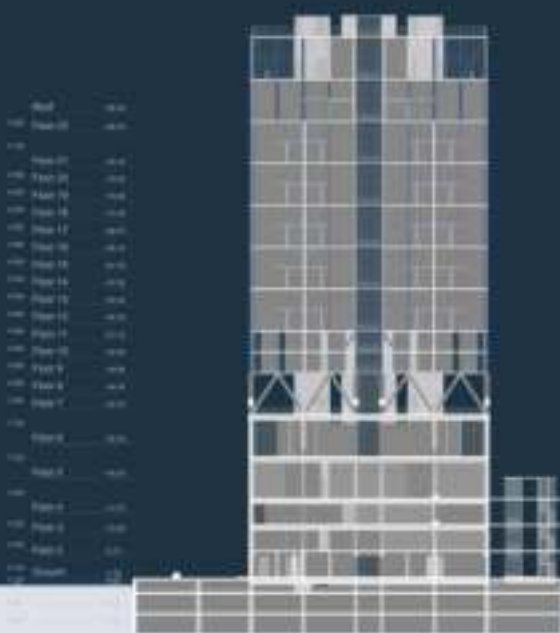


Separate core from the functional part to provide maximum usable space.

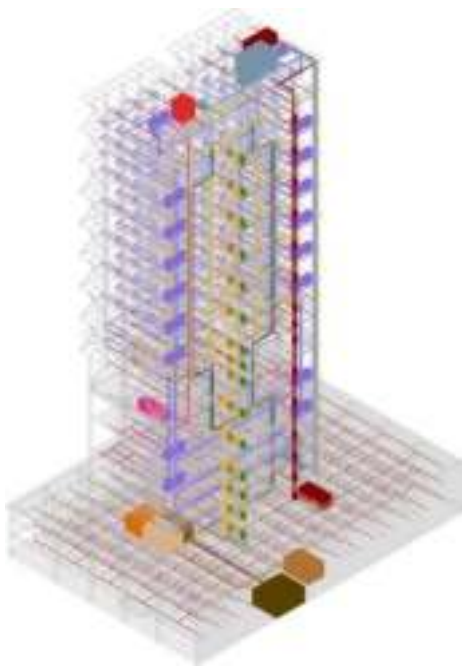
Each office has high privacy as less public corridors. The office area sizes is available from start-up business to large enterprise.

The duplex office is a new alternative of rent office in the building.

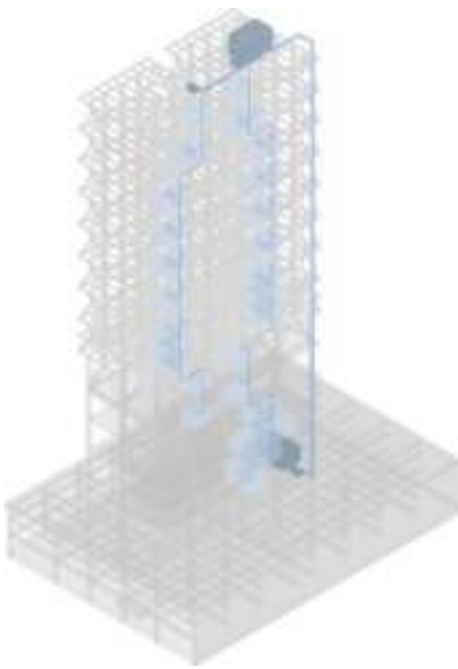
Each office has a balcony and private restroom, thus workers can be comfortable as working at home.



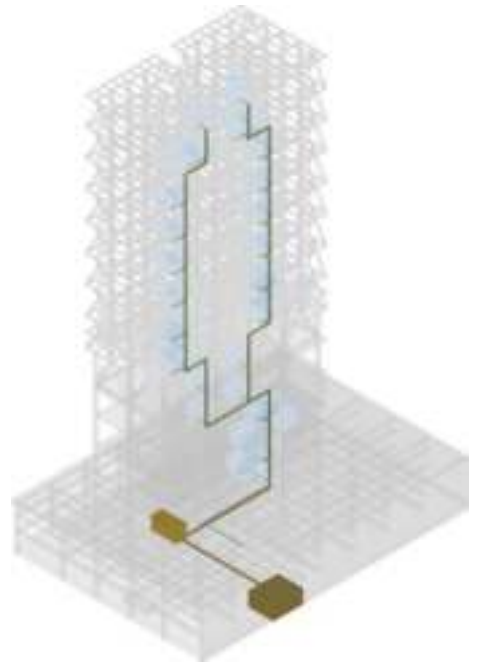




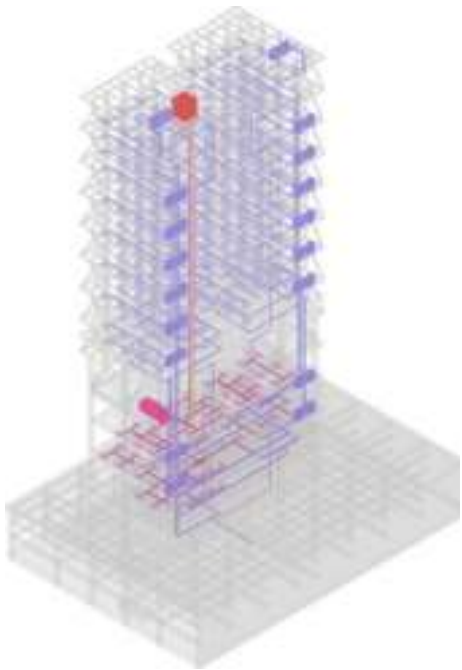
Combined System



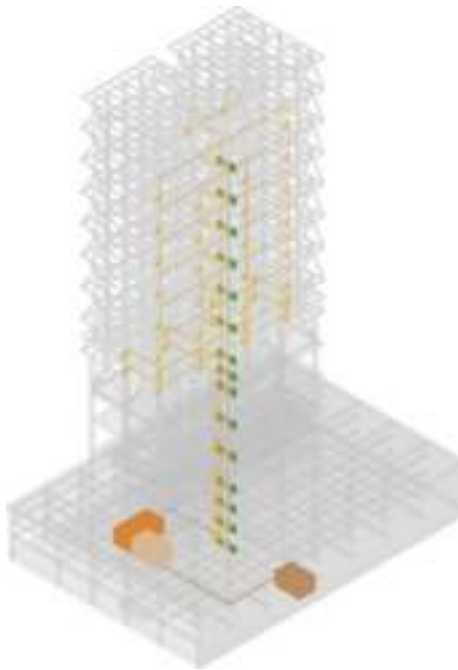
Water System



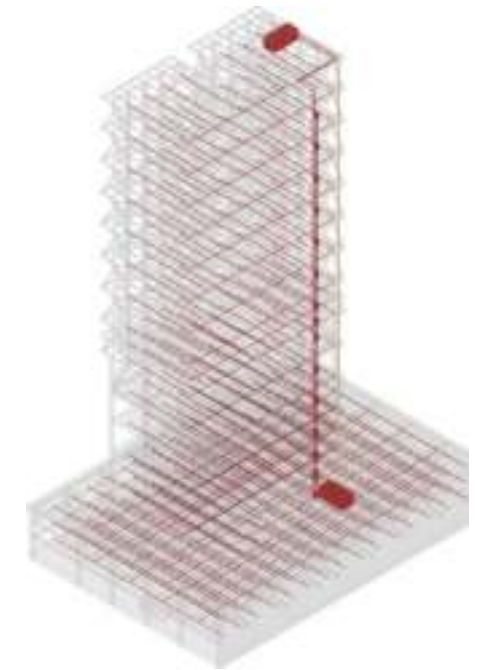
Wasted Water System



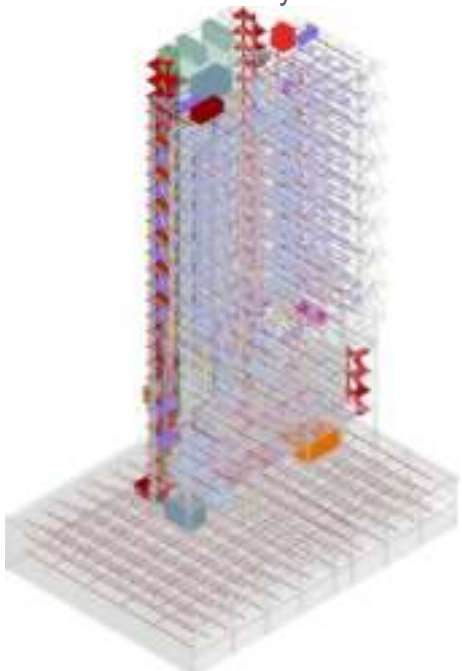
Air Condition System



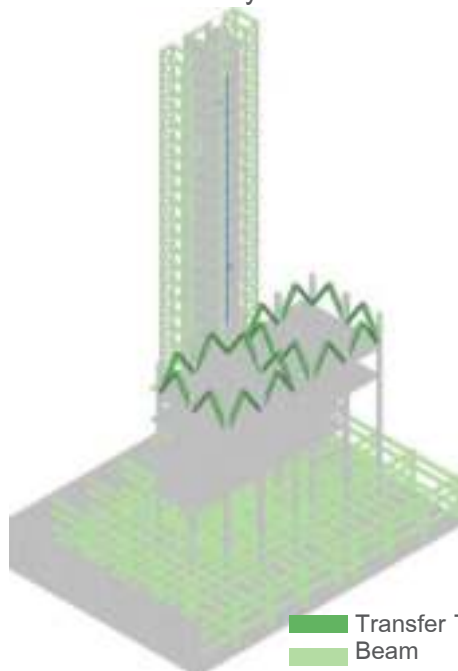
Electrical System



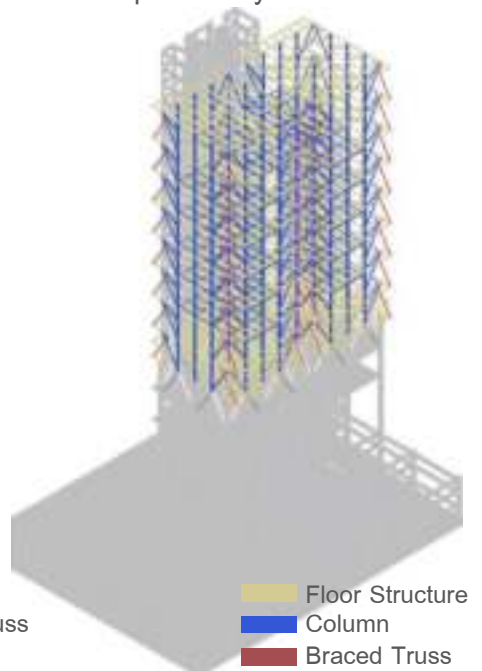
Sprinkler System



Combined System



Concrete Structure System



Steel Structure System

■ Transfer Truss  
■ Beam

■ Floor Structure  
■ Column  
■ Braced Truss



Elevation 1

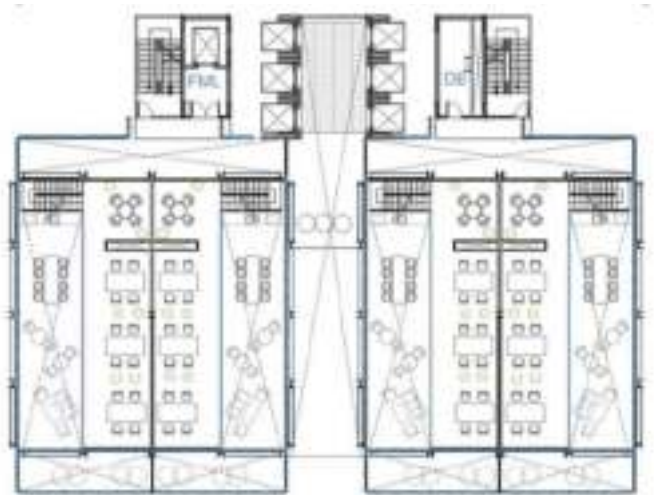
Elevation 3

Elevation 2





Typical Floor Plan  
(Duplex double space)

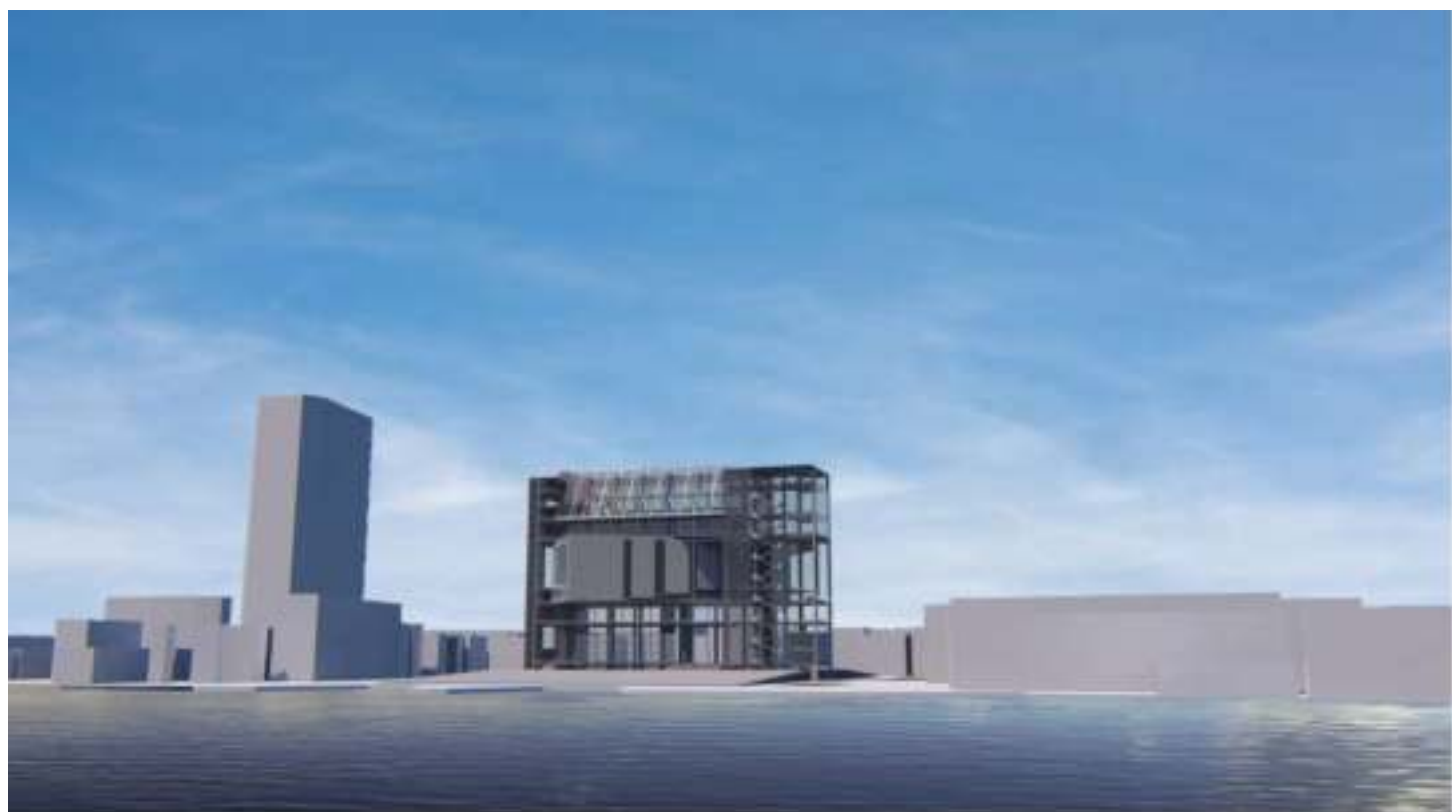
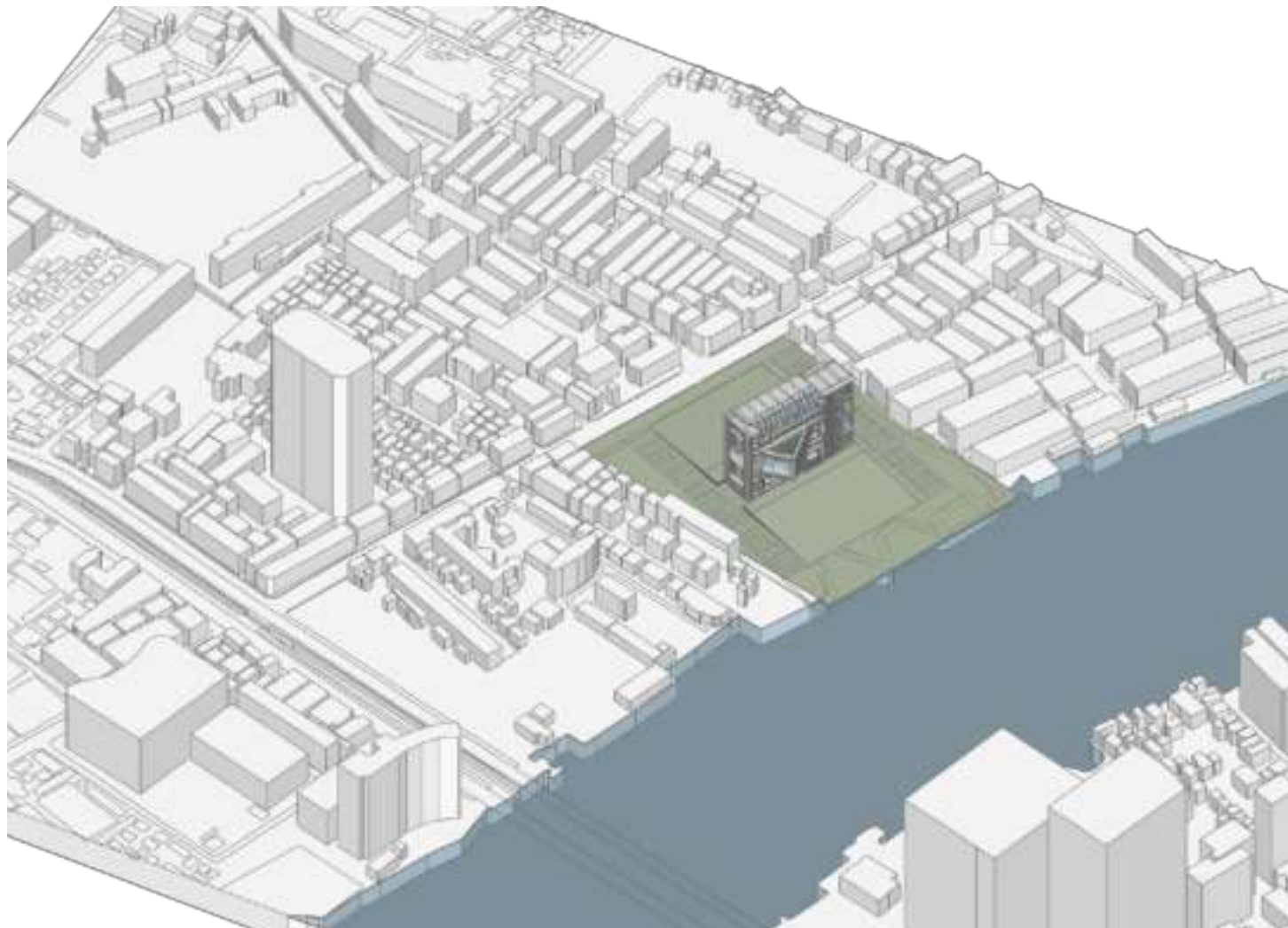


Typical Floor Plan  
(Duplex mezzanine)



# Learning Center

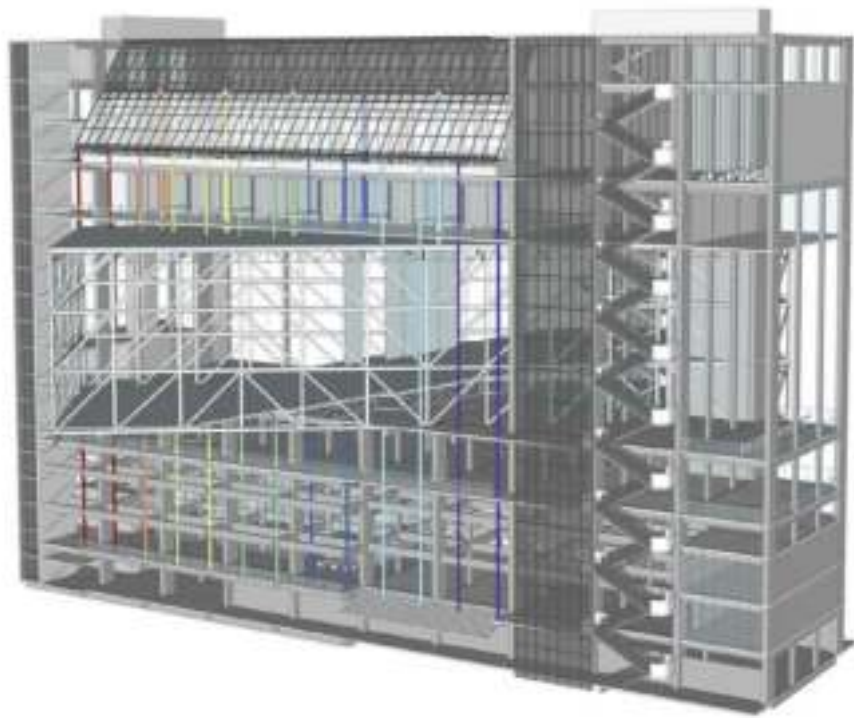
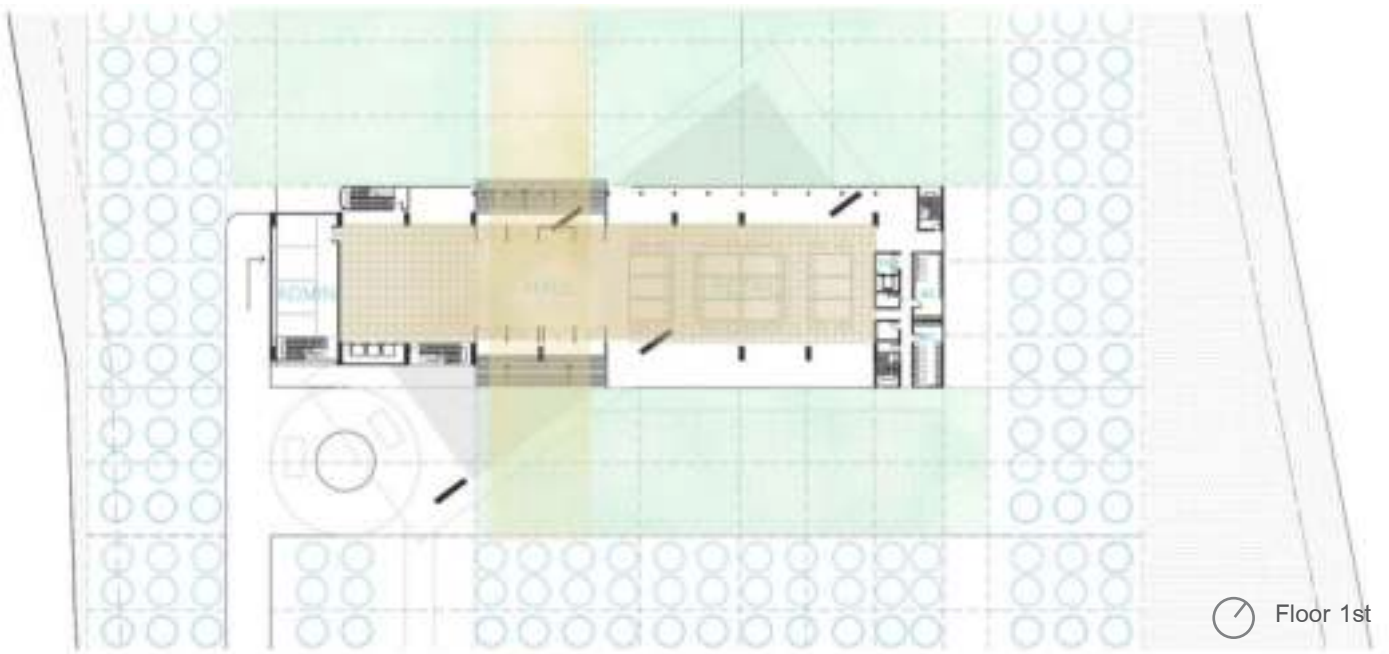
Sathorn, Bangkok  
Studio Design Year 4





Learning center is the project for community. The site is located on the old port by the river. This project purpose to modify the land use for the future possibilities. The public space for community and utilization of the waterfront site must be considered. The library is the significant part of the building with the highest number of users in this section including various activities such as reading, working as well as co-working space. The space should be received natural light with comfortable and conducive for learning, whereas getting river view while reading or working is a plus. Every floor and areas of the building is designed to have both indoor and outdoor, such as roof garden, co-working space, and pre-function as well.

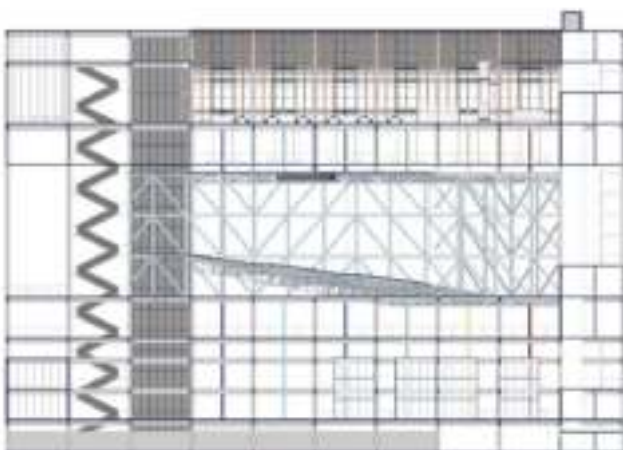




Because the site is next to the Chao Phraya river and the surrounding area is an old community which related to the port, including villages and tourist attraction places.

Approaching to the building and the river, the first floor is designed for community, which can be connected through to riverside plaza.

The building has seven stories. The result of reducing the area of the footprint, the open space in front and back of the building became plaza. The advantages of the plaza are activity area, exercise area, riverside landscape. Because of the vertical building instead of horizontal, the river can be seen from every floor without any otherobstrucle blocking the view with full natural light and ventilation.

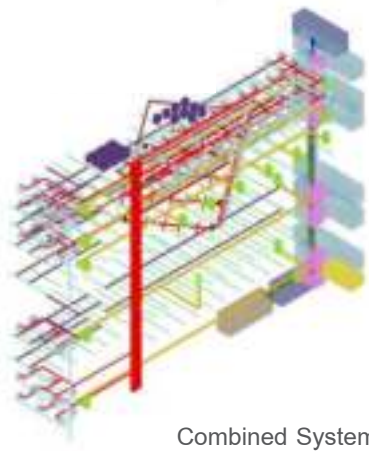


Section A-A



Section B-B





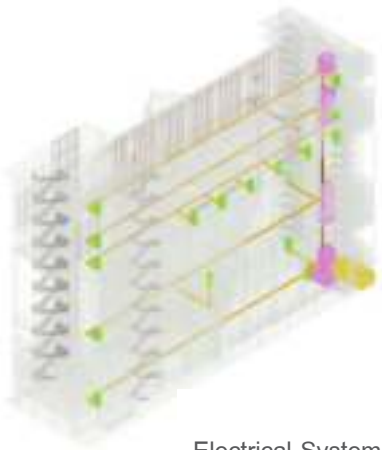
Combined System



Water System



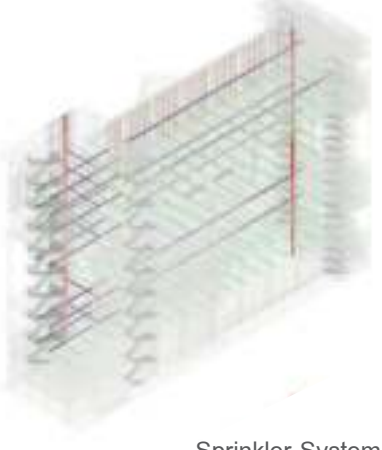
Fire Escape System



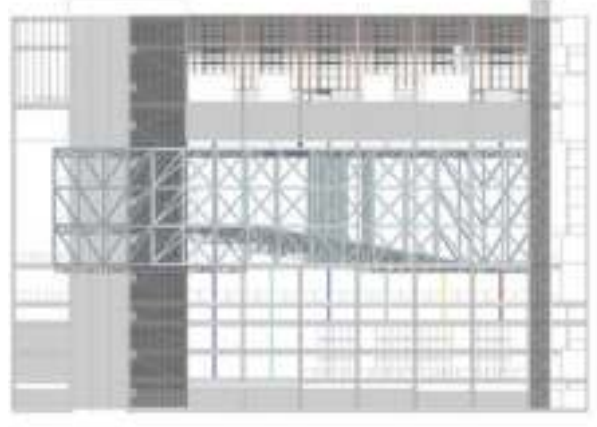
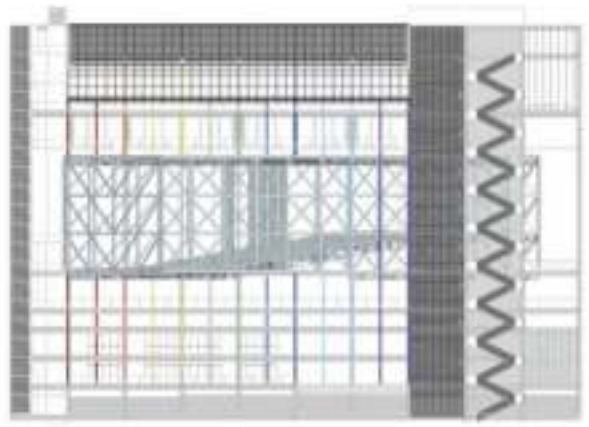
Electrical System

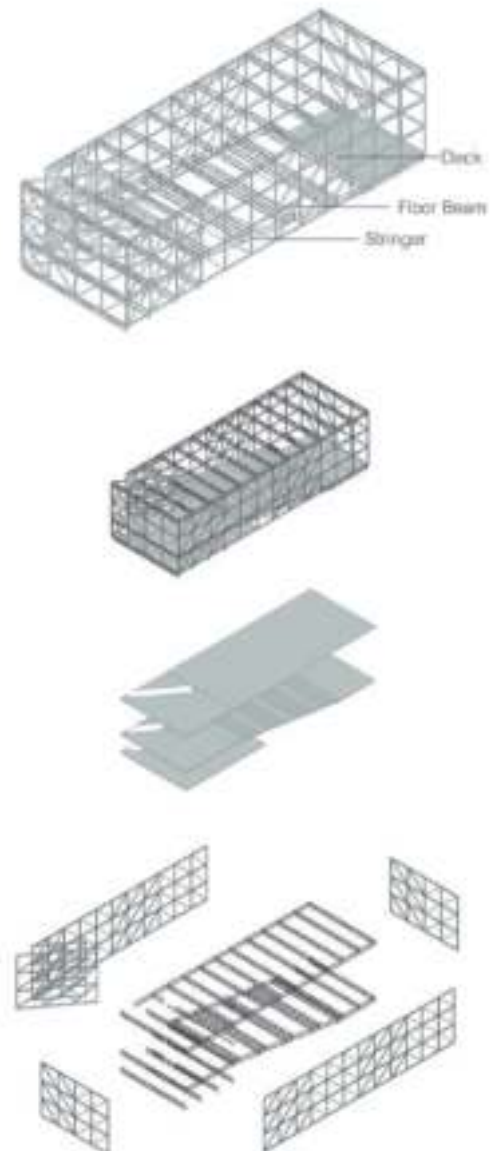
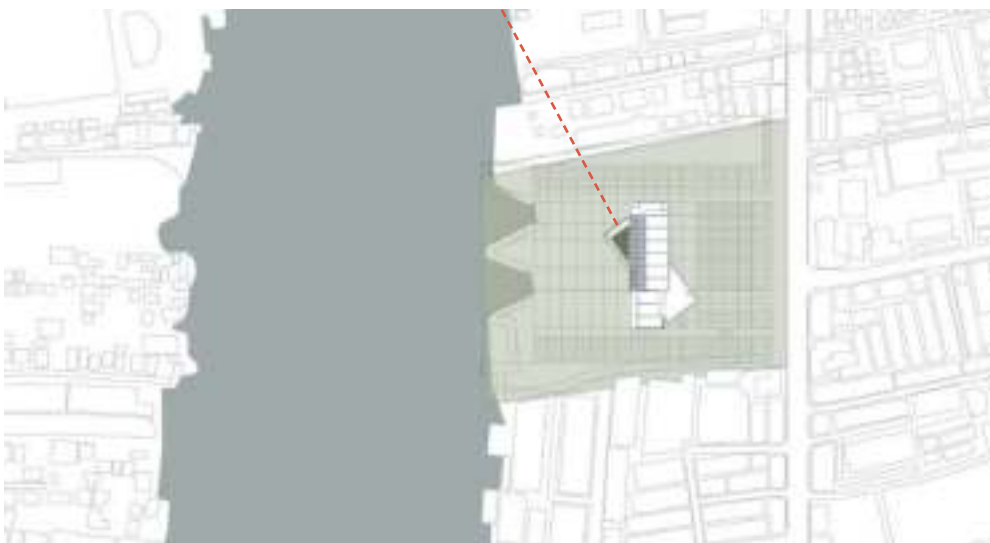


Air Condition System



Sprinkler System





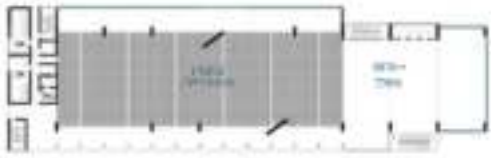
The Auditorium has rotated to the river curve to increase operation possibilities of the auditorium. It can be organized light and view of the exhibition and It also can be closed the curtain to use room in the dark.

The structure idea is a rigid box which is placed on the main structure and the cantiliver can be remained strong.

Auditorium Structure



Floor 1



Floor 2



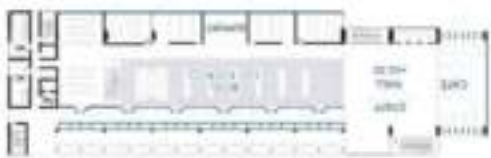
Floor 3



Floor 4



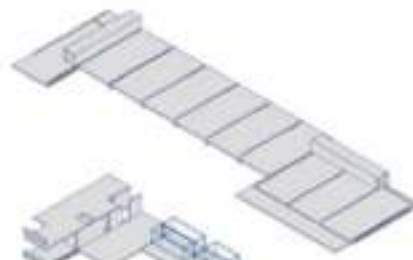
Floor 5



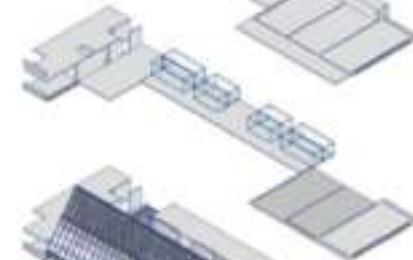
Floor 6



Floor 7



Roof



Floor 7

- Mezzanine
- Private reading area



Gable Roof

- Balcony at floor 6
- Outdoor zone



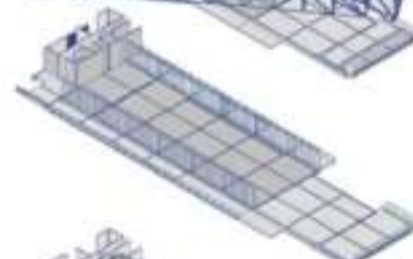
Floor 6

- Library
- Double space



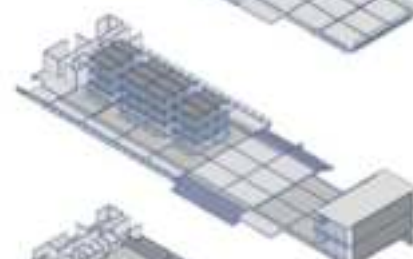
Floor 3-4

- Auditorium
- Pre function



Floor 2

- Exhibition hall
- Gallery



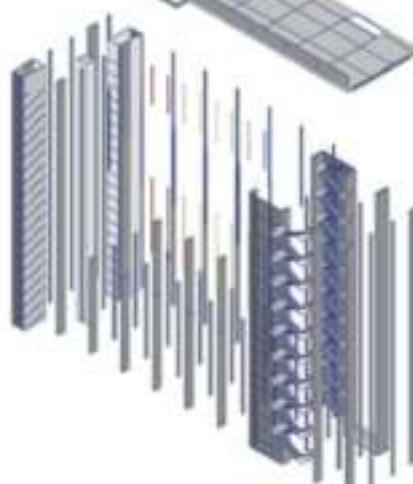
Floor 1

- Retail
- Connection space



Floor 0

- Parking

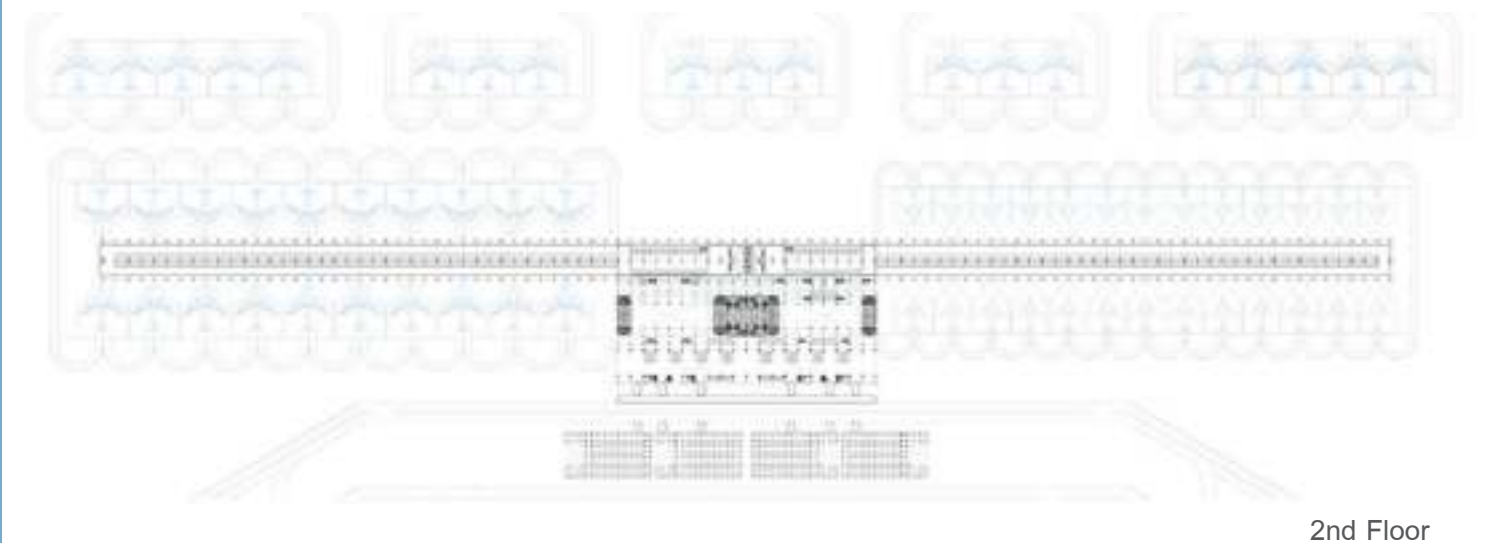
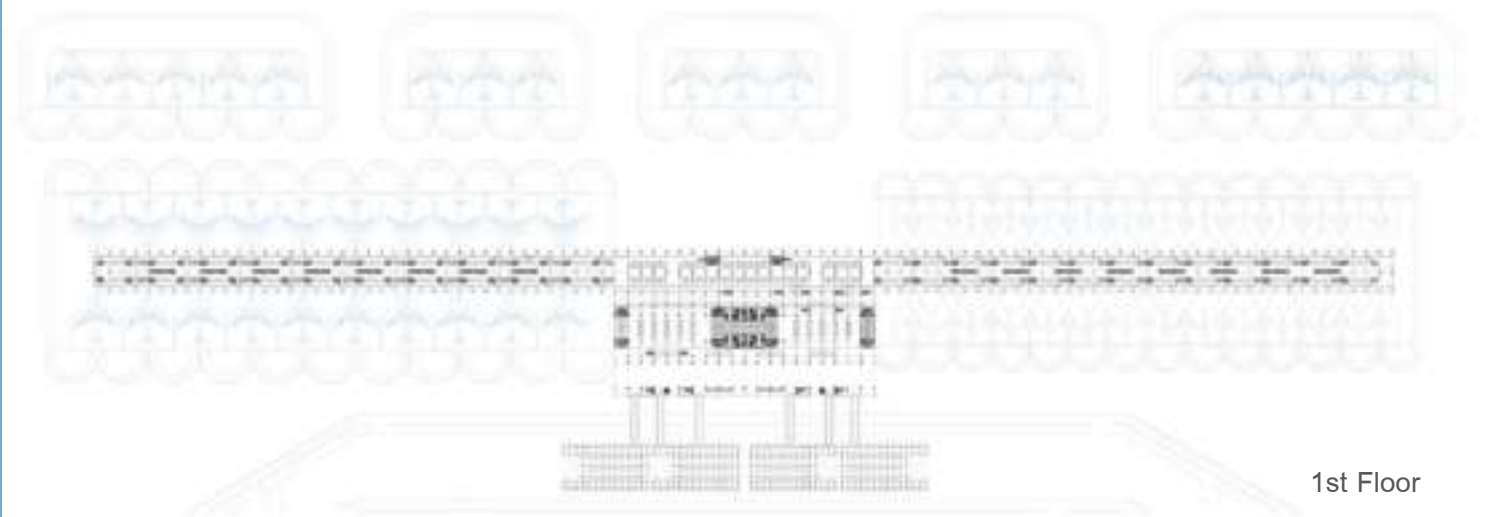
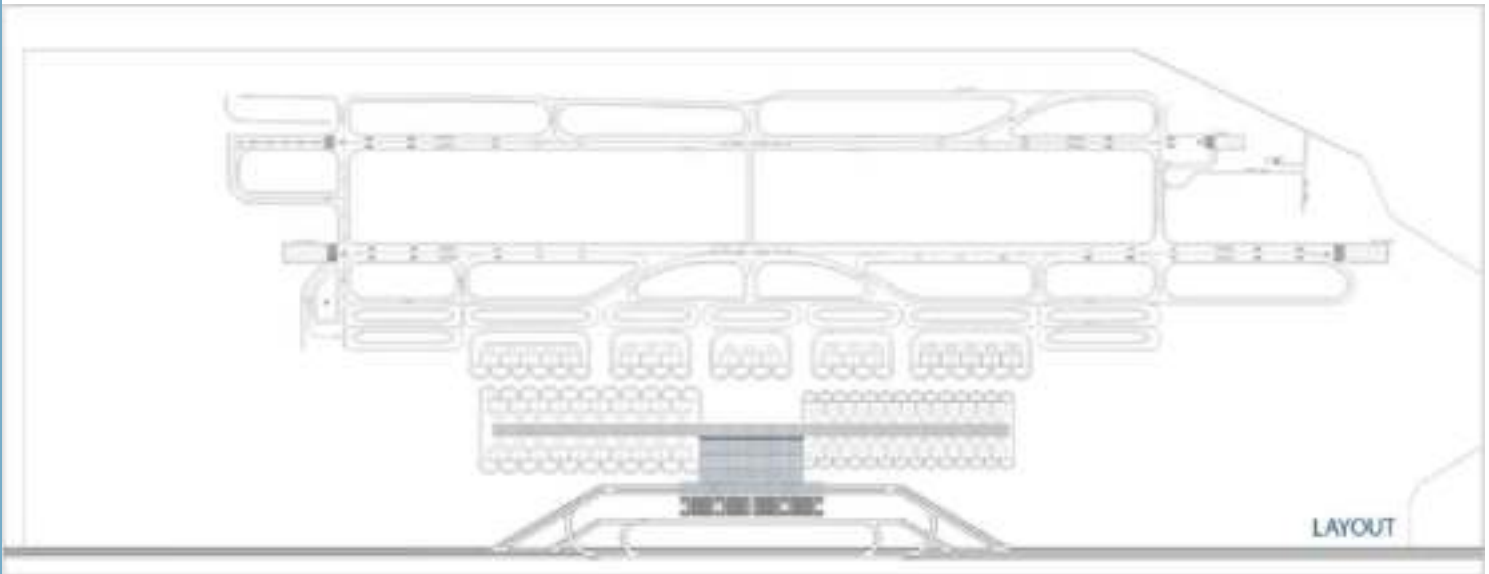


Structure

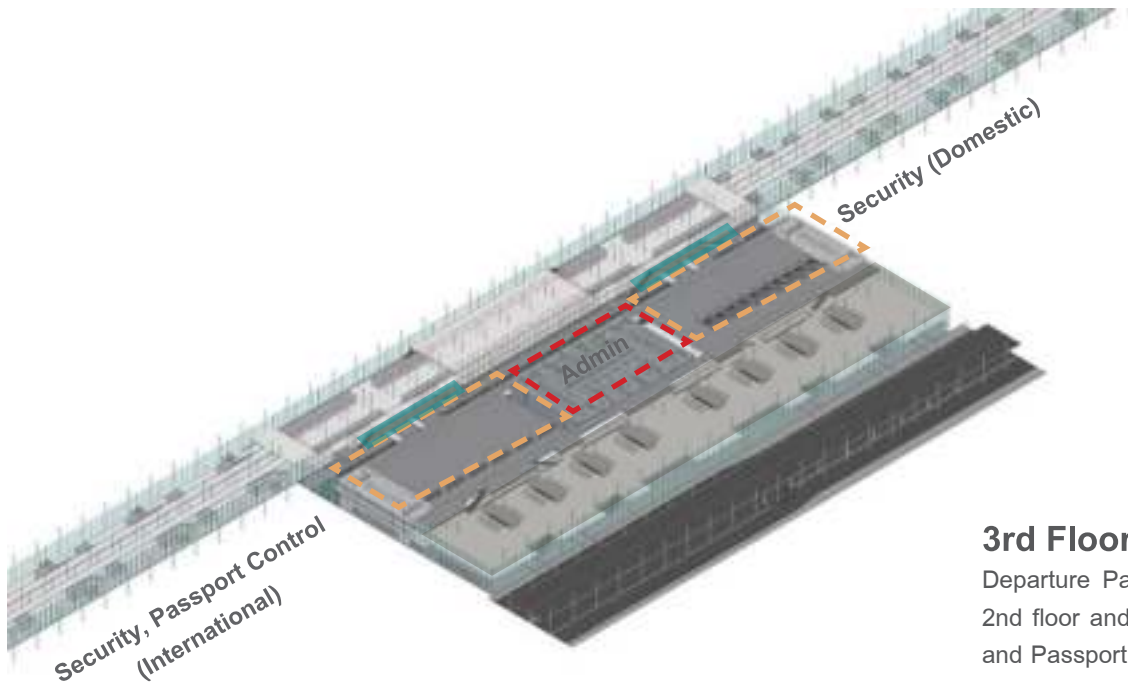


# Don Mueang International Airport

Don Mueang, Bangkok  
Studio Design Year 4

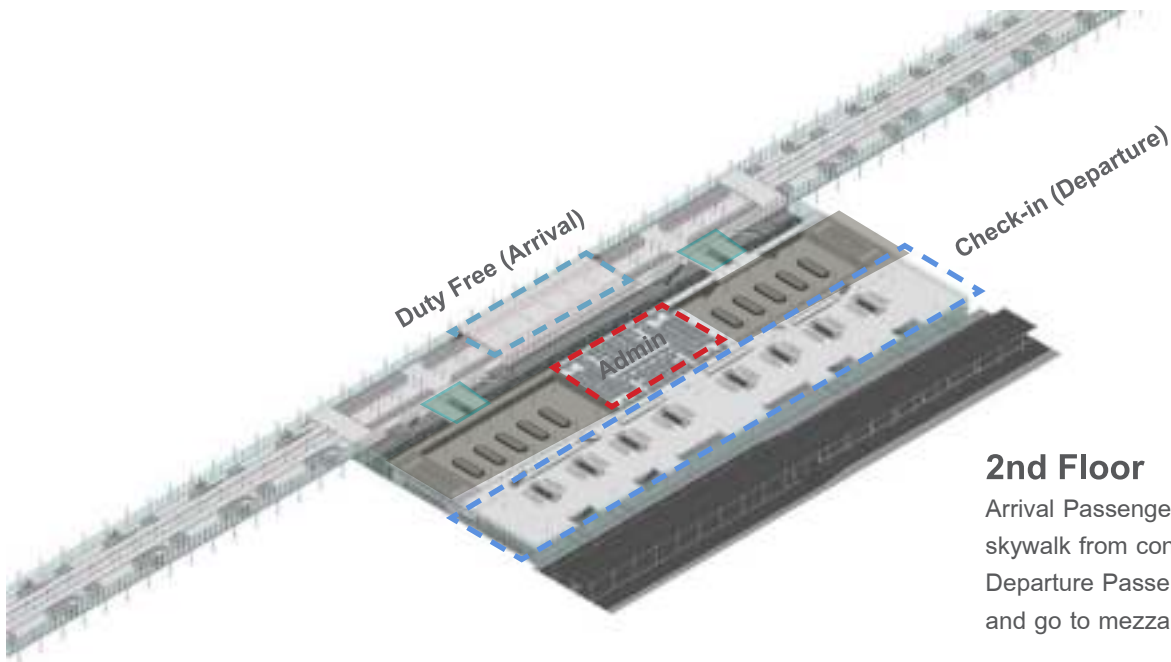


The airport is a transportation project which has large space and many daily users. The airport design has to handle the flow of people in each segment including route design to access each part. Most of spaces require long span structure. This airport roof is designed by using repeated module, some part of a module has transparent material to get sunlight for saving energy.



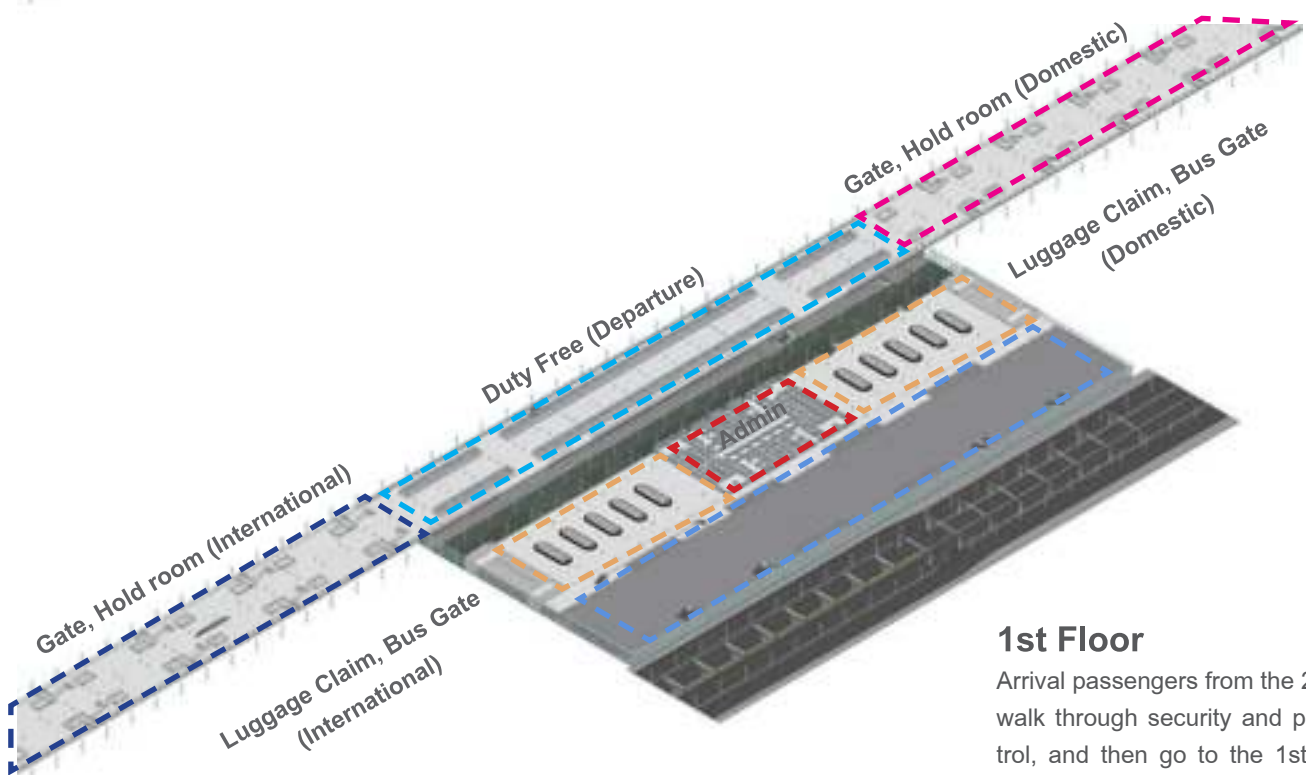
### 3rd Floor

Departure Passenger check-in from the 2nd floor and go to 3rd floor to Security and Passport section.



### 2nd Floor

Arrival Passengers walk on the skywalk from concourse area. Departure Passengers Check-in and go to mezzanine floor.



### 1st Floor

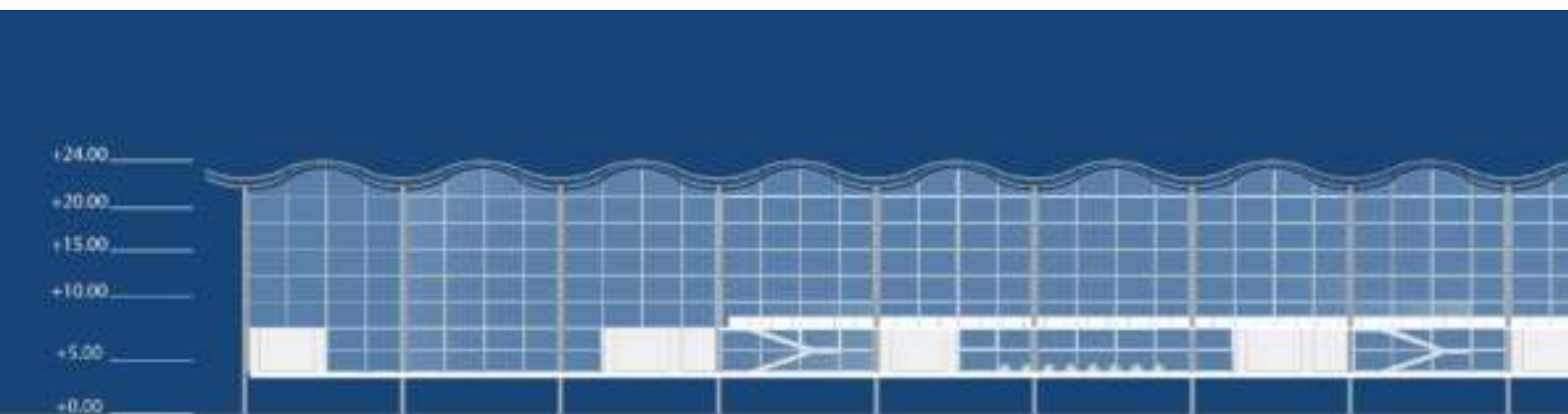
Arrival passengers from the 2nd floor and walk through security and passport control, and then go to the 1st floor to get baggage claim or bus gate.





SECTION B



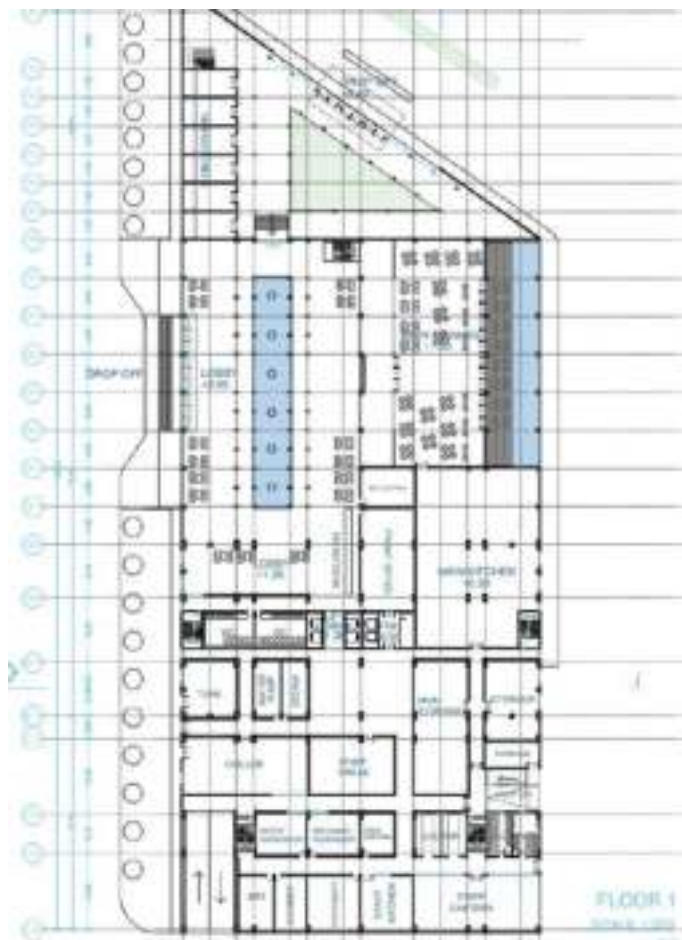


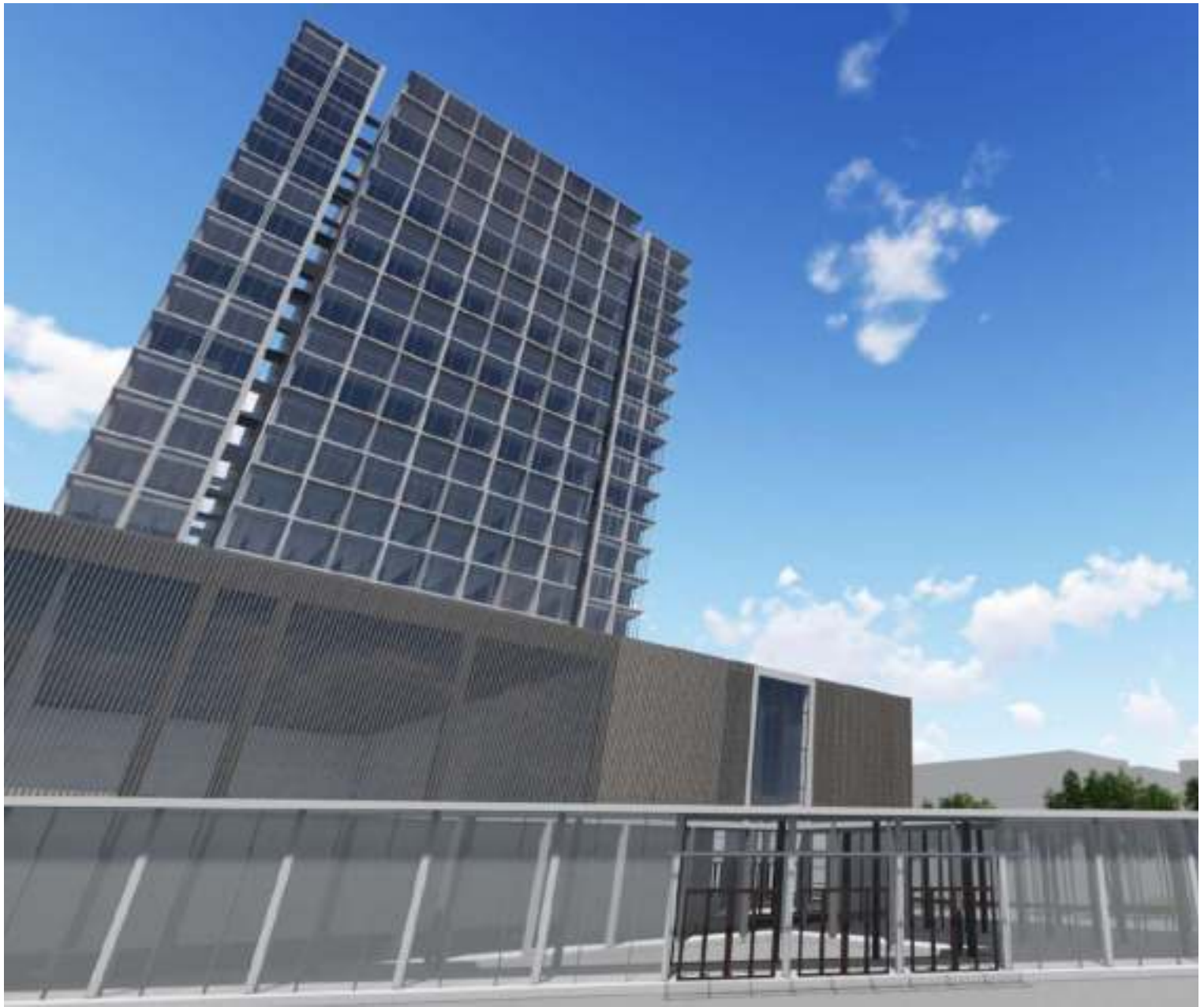
DETAIL SECTION A



# Business Hotel

Ladprao, Bangkok  
Studio Design Year 4



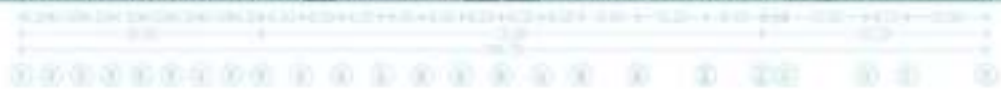


According to site location analysis where in Ladprao area, it has many office buildings with few tourist attractions. Thus, this hotel purpose is to be the business hotel 3 stars.

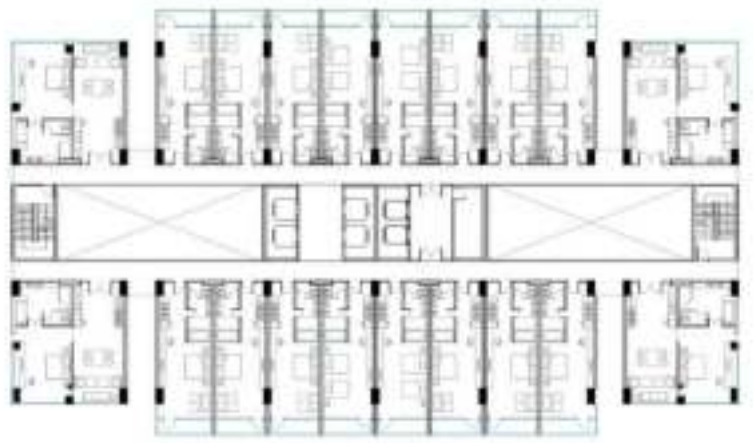
In this project, I have studied about hotel design. One of specific requirement is the back of house and how to make delightful space to impress hotel guests.

The typical floor plan of the guest room has core in the middle of the building which separated rooms to two atriums. The circulation has natural ventilation and light. The atrium can be an impression area to the guest.

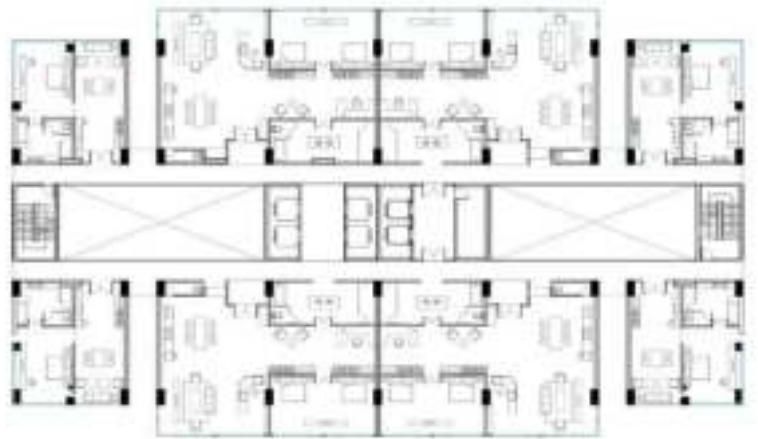




ELEVATION 4  
SCALE 1:200



Standard room Typical Floor Plan



Suite and Presidential Typical Floor Plan



ELEVATION 3

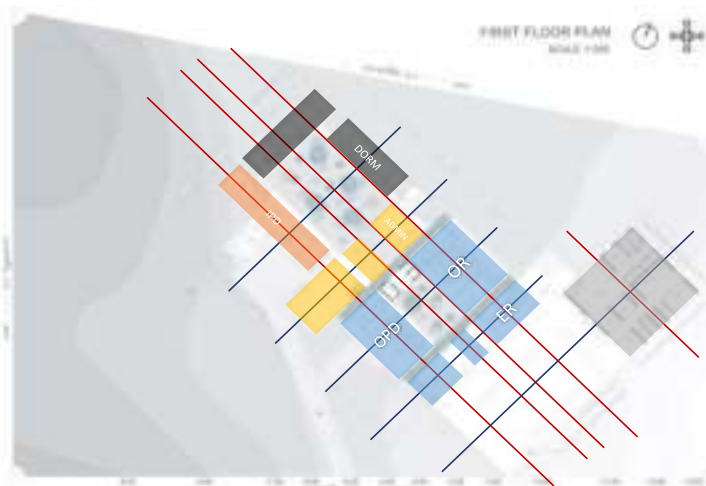
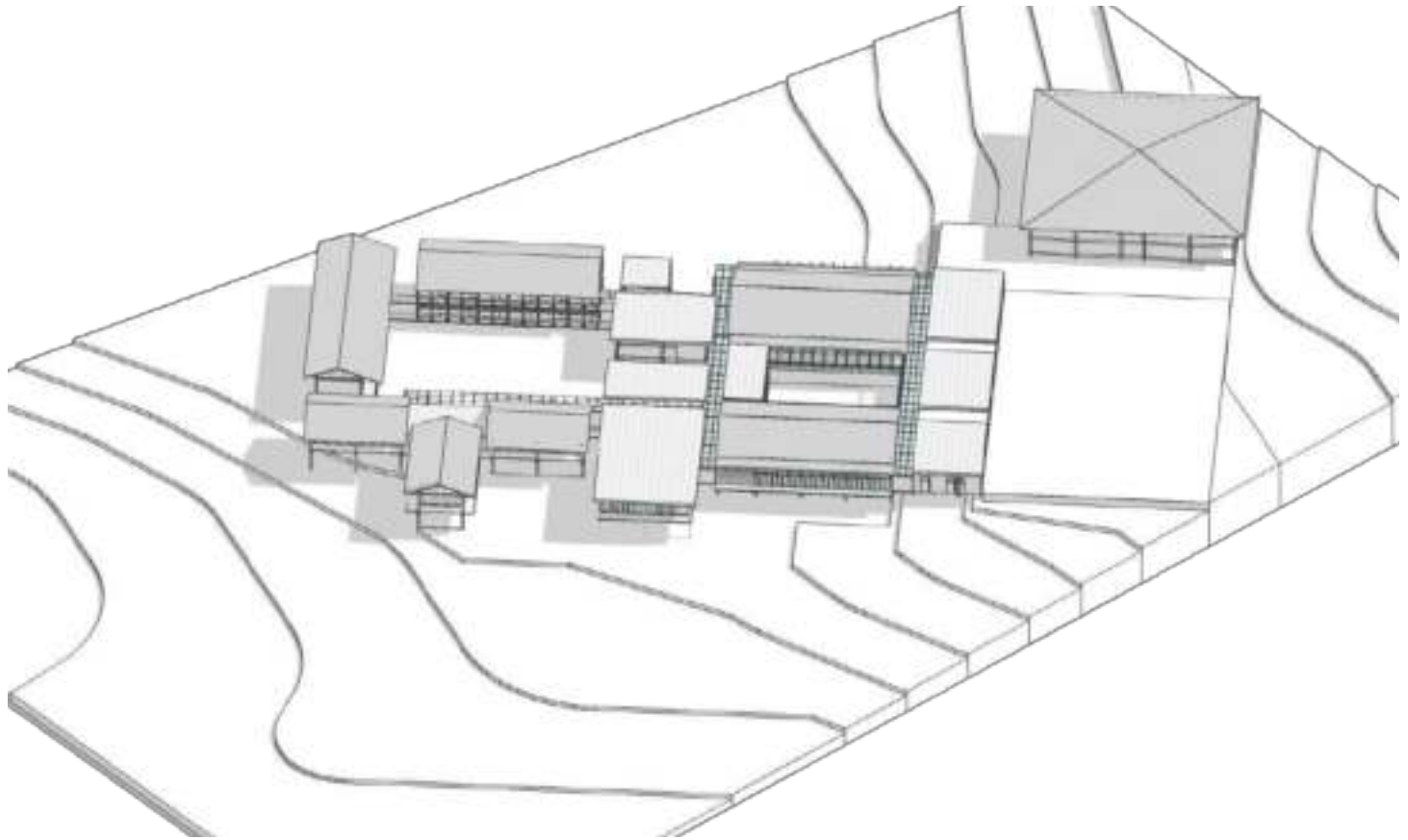


SECTION B-B

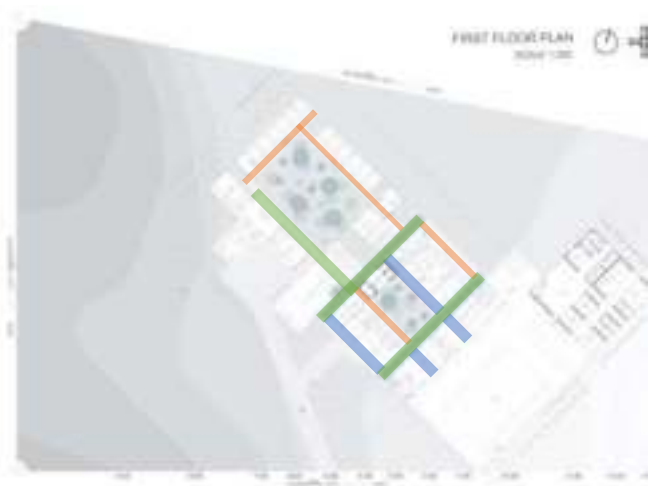


# Rajakarun Center Thai Red Cross Society

Khao Lan, Trat  
Studio Design Year 3



Integration of Building Axis in Master Plan



Circulation  
Separated out patient, In patient and staff

Rajakarun Center Thai Red Cross Society a small hospital unit of government project. In this project I have studied about the basic hospital function and circulation, contour cut and fill. All hospital areas are on the same level for universal design, and utilization of heterogeneous areas by the basement floor design to benefit. The layout of the building has been integrated various areas with multiple axis to be connected. The inpatient section is extended to get view from surrounding area. Because this is the government's project, the building roof is designed to be gable roof to match the Thai red cross society at Trat. Therefore, the masterplan of the building has two courts allowing the building width narrow enough to get natural air and light in all spaces.



# FIRST FLOOR PLAN

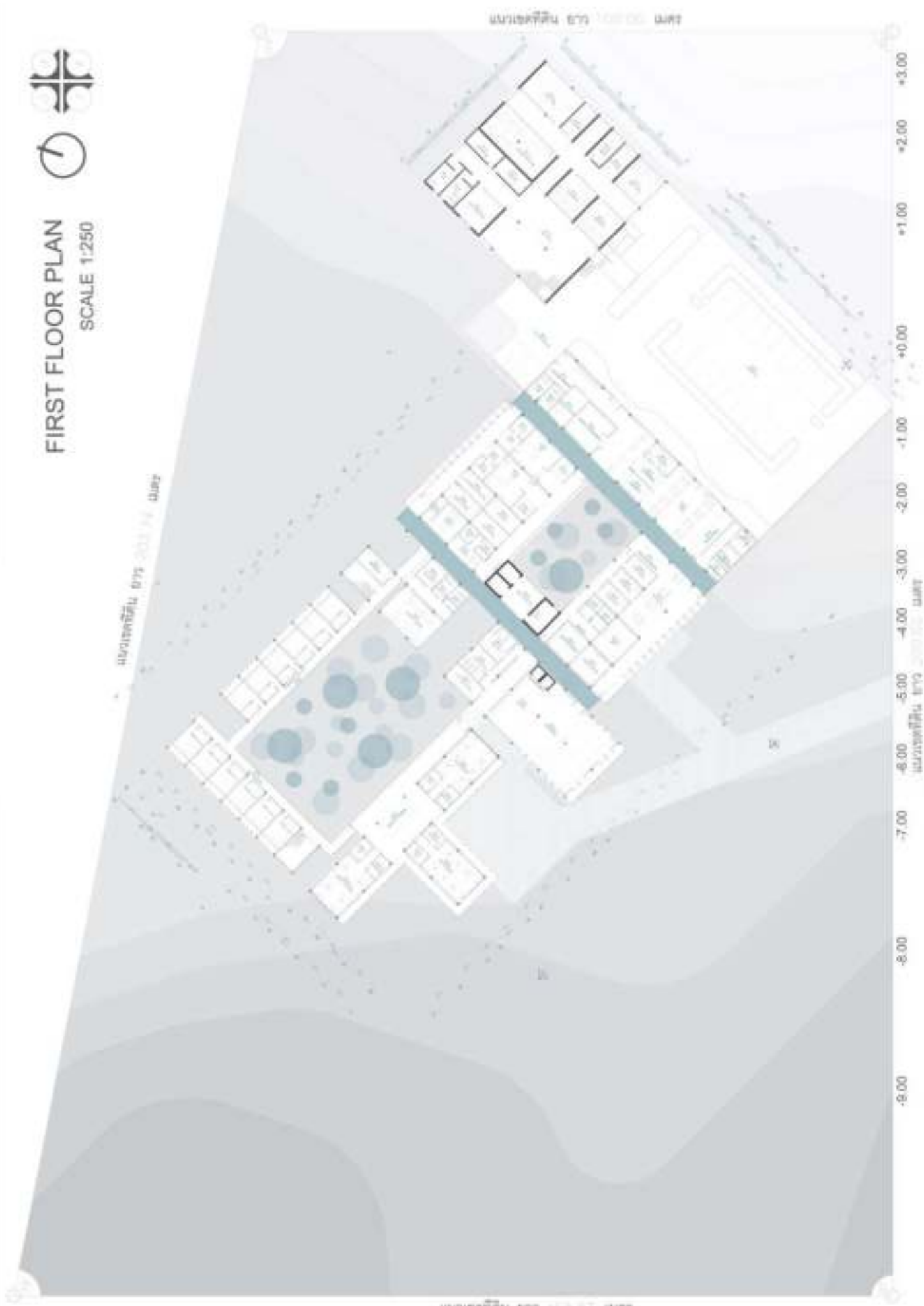
SCALE 1/250

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အလှူတော်အဖွဲ့မှ ၂၀၂၂ ခုနှစ် ချေး

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**SECTION A - A**  
SCALE 1:200



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

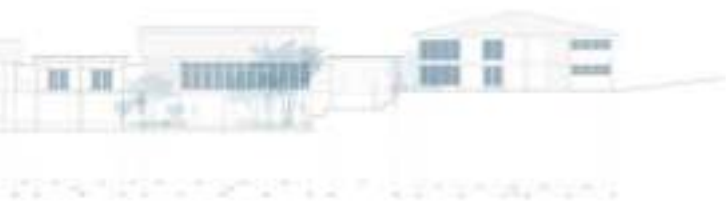


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**SECTION B - B**  
SCALE 1:200



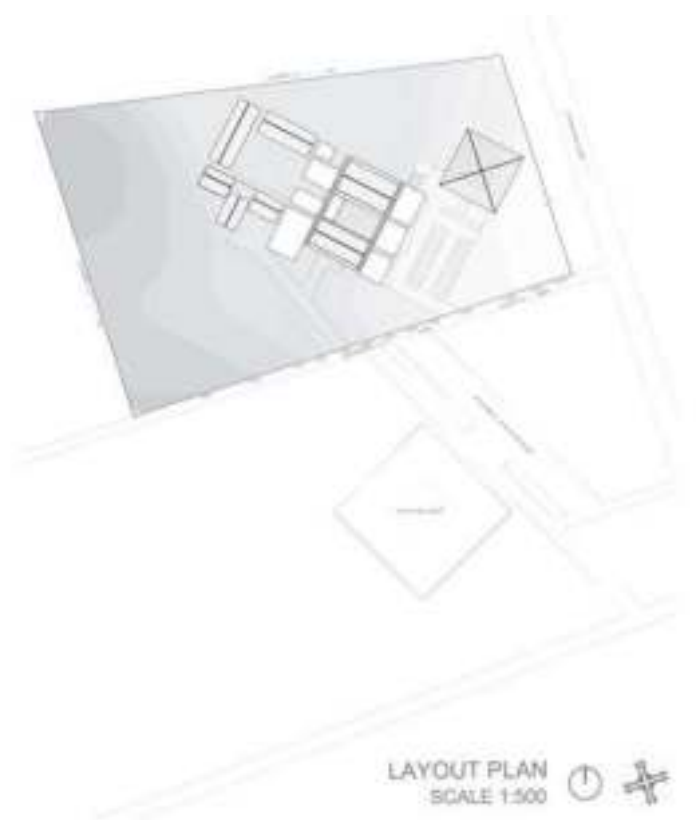
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ELEVATION 1  
SCALE 1:200



ELEVATION 2  
SCALE 1:200



LAYOUT PLAN  
SCALE 1:500



