

# PORTFOLIO

PETCH NOPPAKUADRITTIDEJ

# CONTENT

## ACADEMIC WORK

**01** RESIDENCE DESIGN.....A04

**02** HIGH RISE.....A06

## WORK EXPERIENCE

**03** RENOVATION.....A14

**04** INTERIOR LAYOUT.....A16

**05** NOPP HOUSE.....A18

**06** CONSTRUCTION DRAWING....A20

# 01 CHAN RIM NAM

## BED&BREAKFAST HOTEL

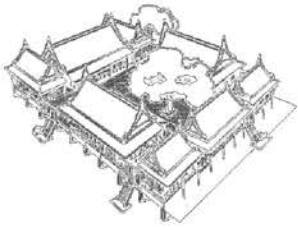


Site Location : Ayutthaya  
Area : 1,620 sq.m.  
Description : 8 hotel rooms

Ayutthaya is one of the most popular places for tourists. Many tourists came to Ayutthaya to see a famous temple, historical place, etc.

The strength of this site is its location, which is near a river and opposite one of the famous temples, "Wat Phanan Choeng".

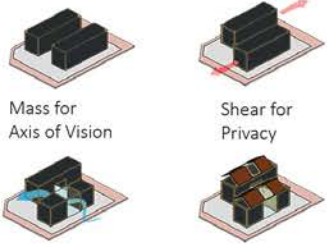
Tourists can take a variety of modes of transportation to get to the hotel and have been grateful for this hotel.



Ruen Thai Element | CHAN

### Schematic Concept

This project located close by Pa sak river, opposite temple Architecture designed by Thai terrace conceptual to make thai vernacular ambience for tourism.



Mass for Axis of Vision

Shear for Privacy

Wind Flow Natural Ventilation

Gable roof



Specially Building Regulation

-The shape of roof must be Gable roof only.



-Marine Office

-Area Excise Office

-Right and Liberties

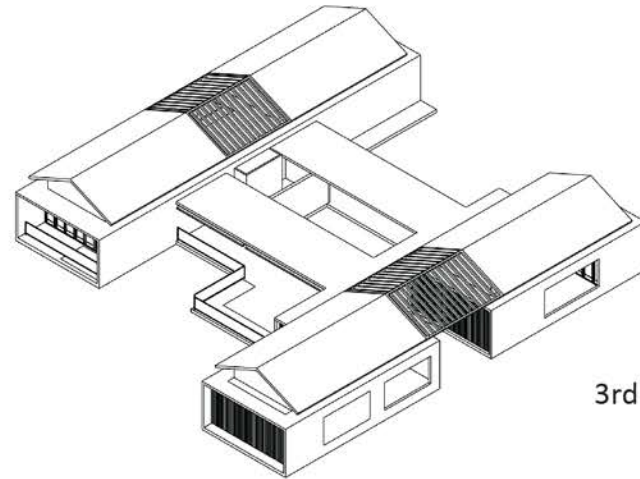
Protection Department



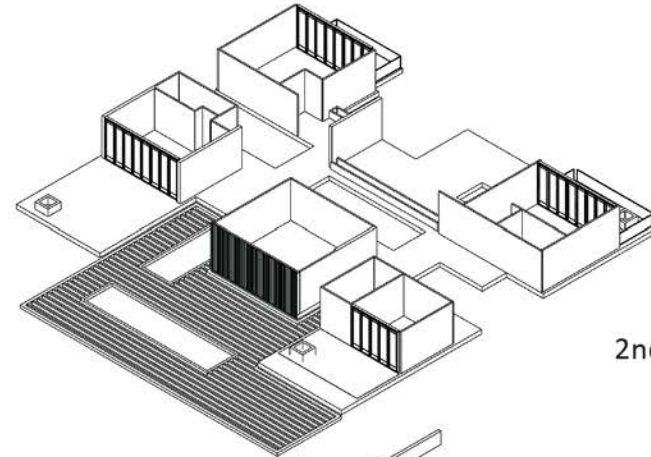
-Wat Suwan dara (350m to north)

-Wat Rattana chai (200m to east)

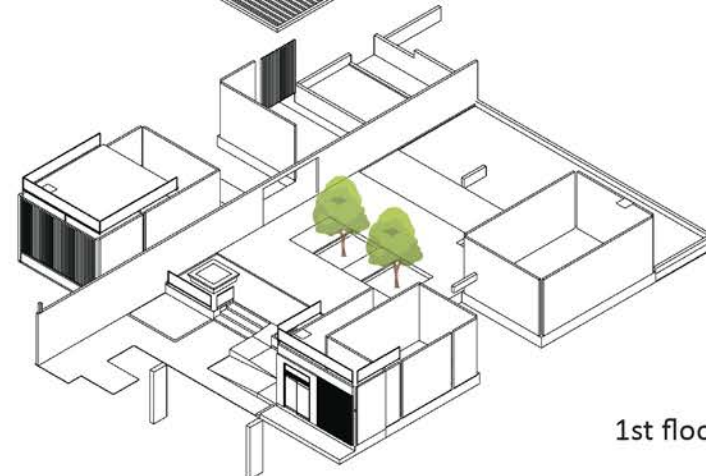
-Wat phan choeng (300 to south)  
River crossing ferry



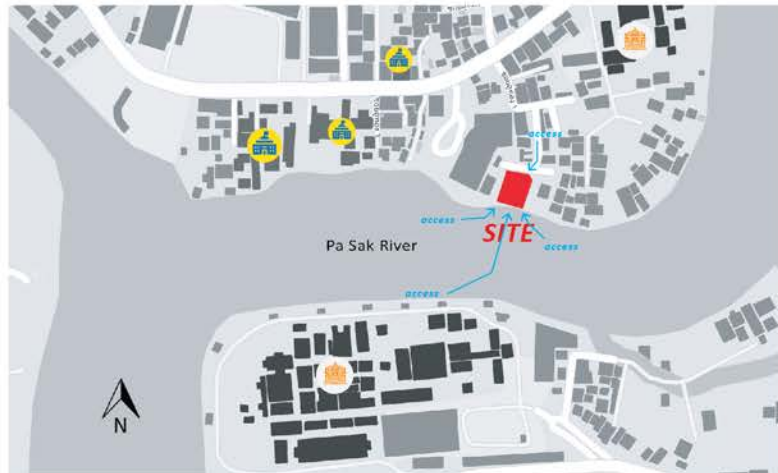
3rd floor



2nd floor

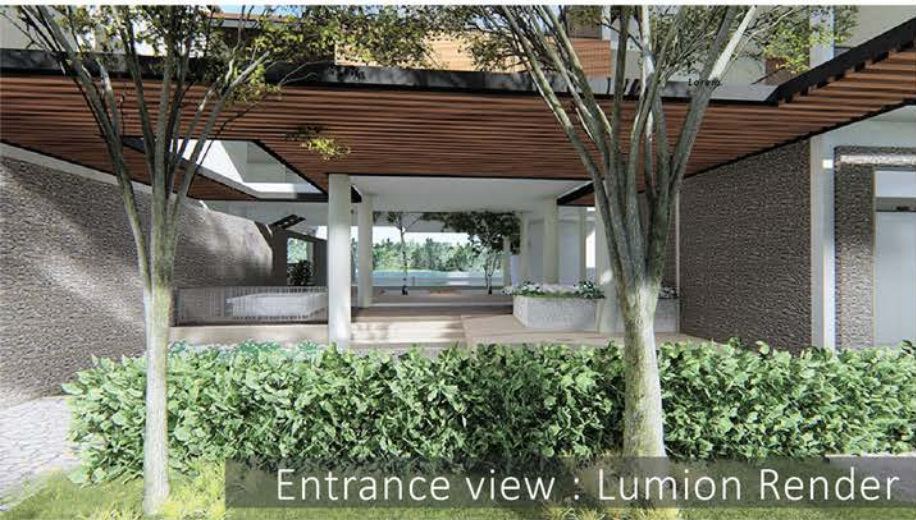


1st floor

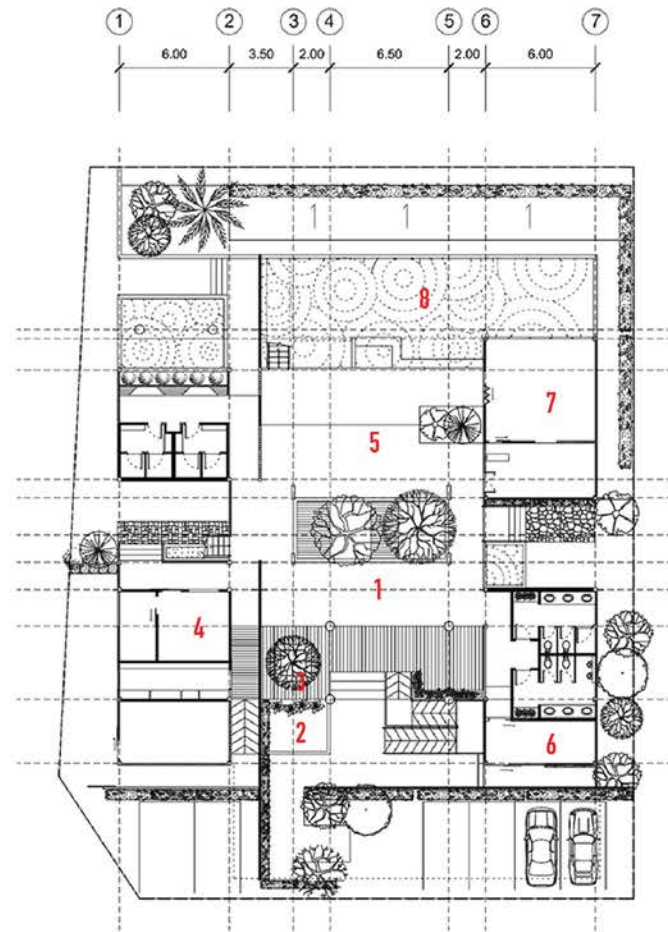




Lobby & Lounge : Lumion Render



Entrance view : Lumion Render

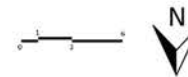


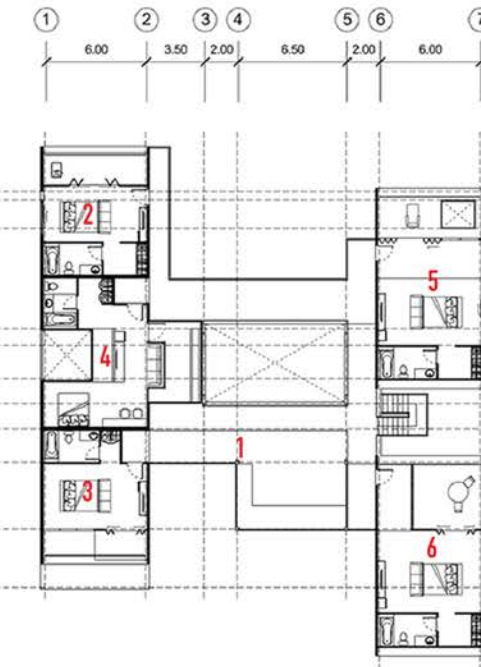
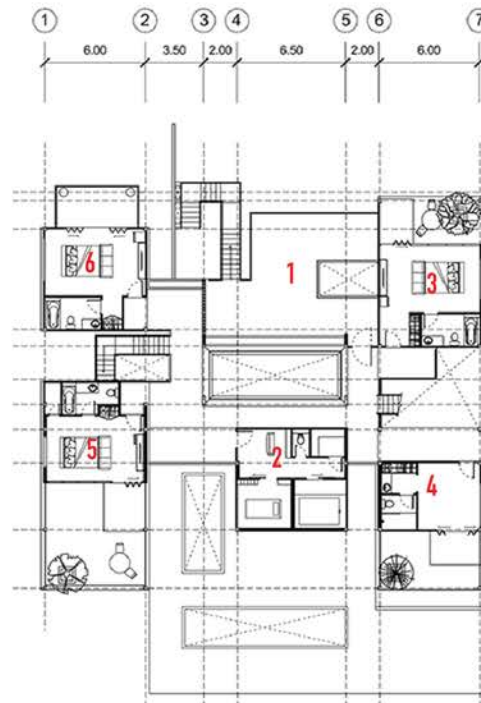
### 1st Floor Plan

1. Lobby
2. Maintenance
3. Laundry
4. Kitchen
5. Dining area
6. Office room
7. Shop & Exhibition
8. Pool

At the end of "Axis," there is an overflow pool that gives the feeling that the pool is connected to the river

Two large trees at the centre of the green vertical axis create a forest ambience in the hotel interior.







Entrance to Main Lobby : V-ray Render



Front Entracne: V-ray Render



Front Entracne: V-ray Render



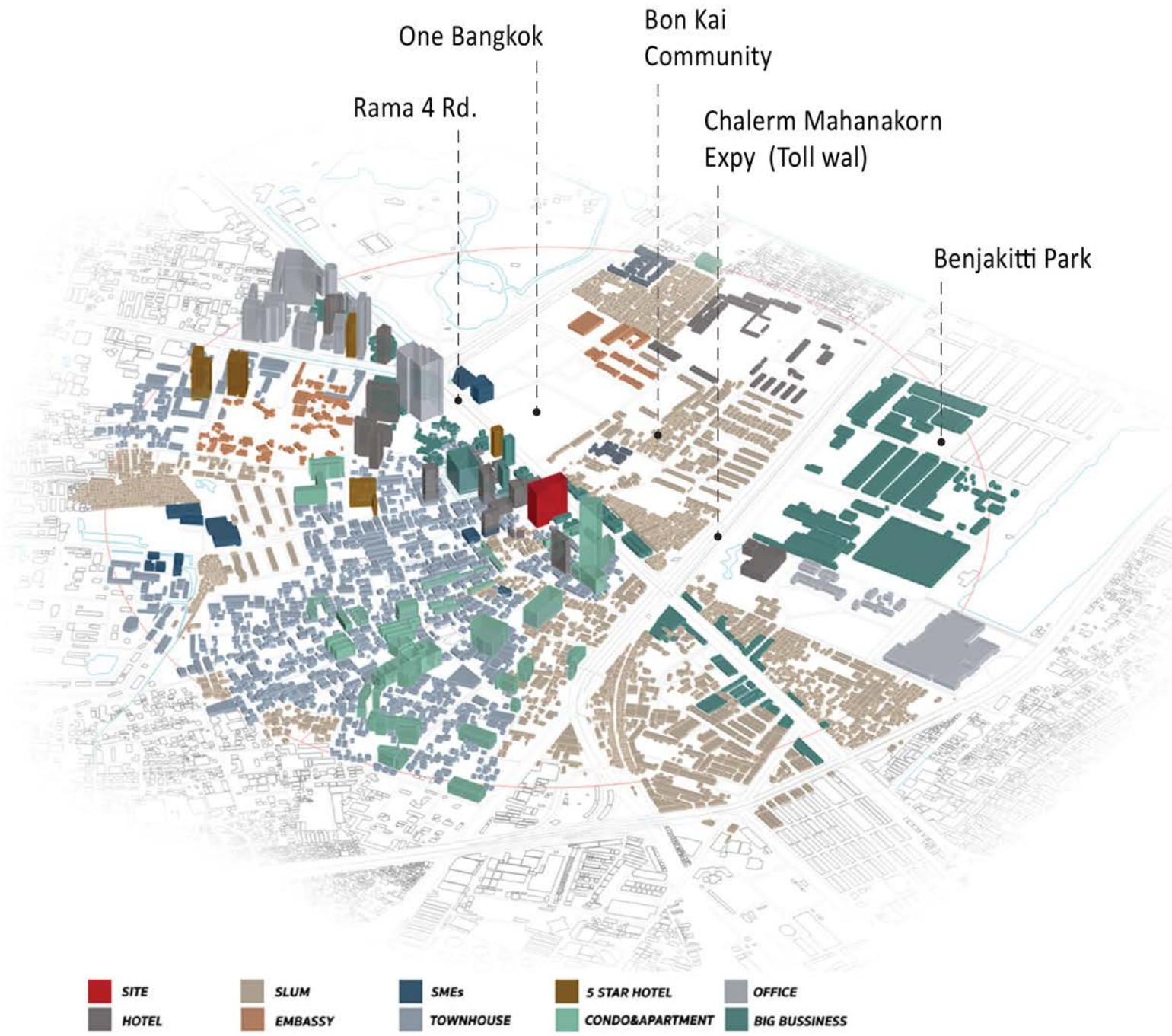
# 02 HIGH RISE HOTEL PROJECT

Site Location : Bangkok  
Area : 25,824 sq.m.

Bangkok's Rama IV Road is one of the most famous in Bangkok. In the future, this area will be the Central Business District.

This area has a high density of people, office buildings, and, in the near future, will have the mega mixed-use project "One Bangkok" at the RAMA IV junction. But the residence is not enough to meet the demand.

The strength of this site is its location. It is surrounded by office buildings, department stores, public transportation, government offices, embassies, etc.



- SITE
- HOTEL
- SLUM
- SMEs
- TOWNHOUSE
- EMBASSY
- 5 STAR HOTEL
- CONDO&APARTMENT
- BIG BUSSINESS
- OFFICE

## Strenghts



Business Zone



High Demand of resident



Public transport

## Weaknesses



Air Pollution  
Chaotic Traffic



Noise Pollution



Less green space

## Opportunities



Future CBD



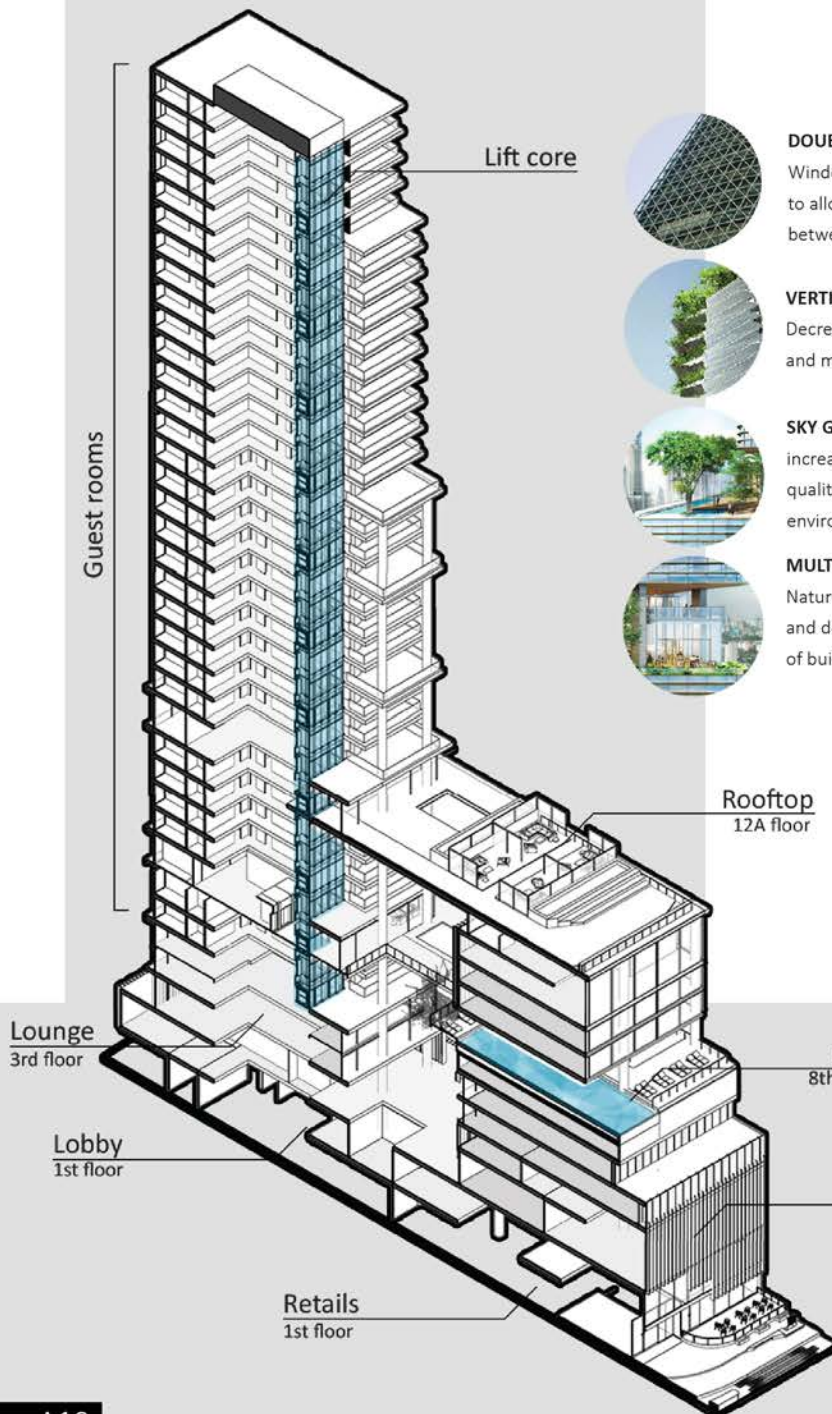
Future Medical HUB

## Threats



High cost of land property





Lift core

**DOUBLE SKIN FACADE**  
Windows open on the outer skin to allow air to enter the cavity between the inner and outer skin.



**VERTICAL GARDEN**  
Decrease heat temperature and make green visual for urban.



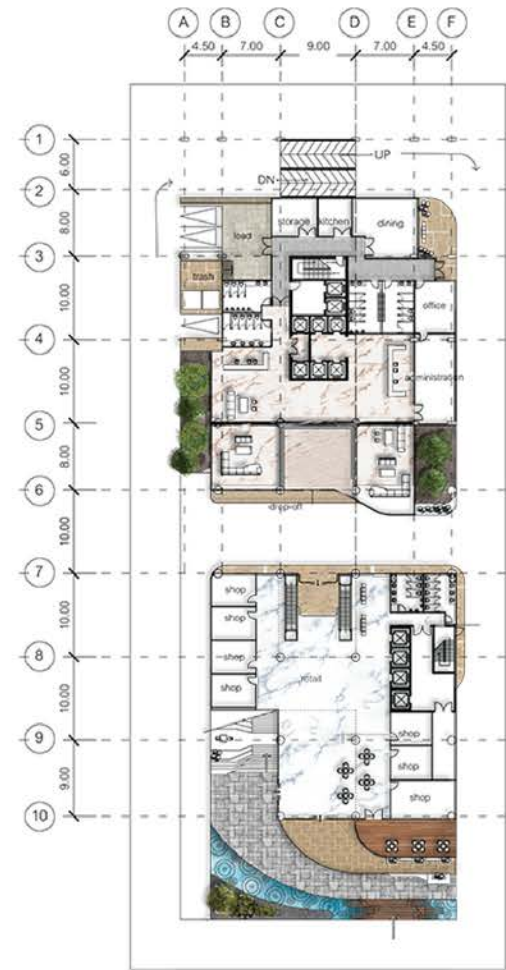
**SKY GARDEN**  
increase urban visual quality and better environment as well.



**MULTIPLE SPACE**  
Natural ventilation and decrease volume of building.

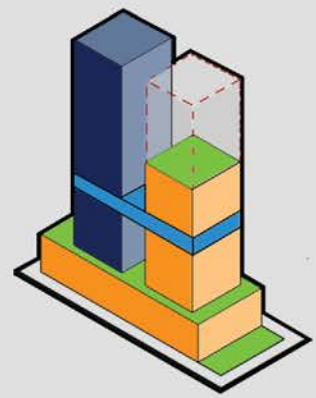


Rooftop  
12A floor



**SEQUENCE - HIERACHY DESIGN**

- Break CHAOTIC Dynamic from outside  
Separate 'Facilities' and 'Guest rooms' in HORIZONTAL + VERTICAL.



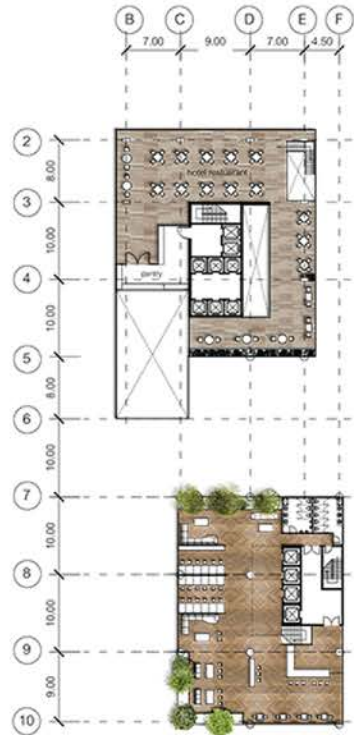
this sequence for separate circulations of hotel for users and general users.



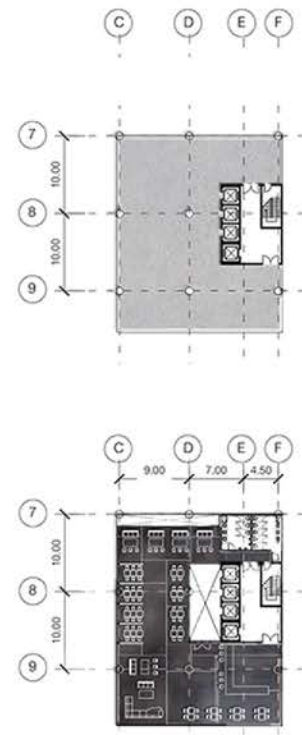
3rd Floor



4th Floor



5th Floor



6th-7th Floor

◀ **PUBLIC ZONE**

All users can use this zone.

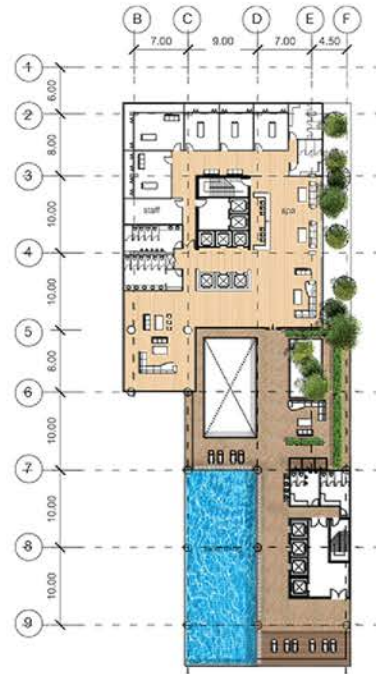
The concept will separate facilities and guest rooms for decrease chaotic dynamics of circulation and privacy.

Hotel guests will have a new ambience from thus hotel and get feeling of 'Nature' from green space that insert in each space.

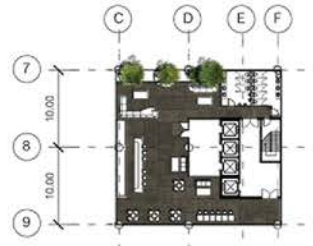
**SEMI - PUBLIC ZONE** ▶

Circulation of guest's hotel and general guest will separate by sequence - hierachy and cannot use together.

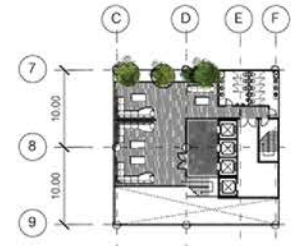
the general guest who can use 8th floor and 12A floor is member only.



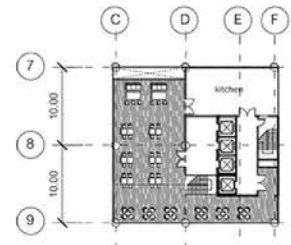
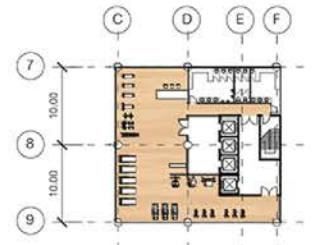
8th Floor



9th-10th Floor



11th-12th Floor



12A Floor



**DELUXE ROOM**  
40 sq.m.  
160 rooms



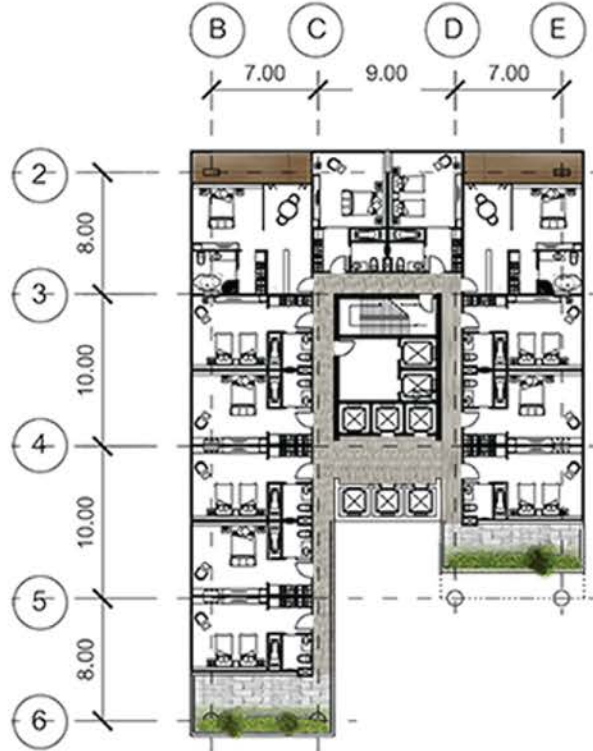
**CORNER ROOM**  
76 sq.m.  
32 rooms



Deluxe room : Lumion Render



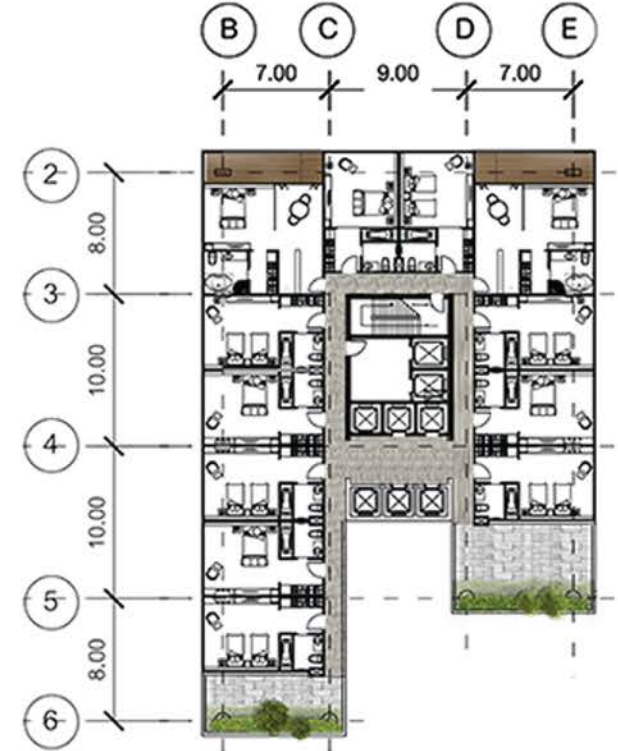
Corner room : Lumion Render



▲ FLOOR PLAN

level 6-7  
level 9-12  
level 14-16  
level 18-20  
level 22-23

DELUXE ROOMS @10 rooms  
CORNER ROOMS @ 2 rooms



▲ FLOOR PLAN

level 17,21

DELUXE ROOMS @10 rooms  
CORNER ROOMS @ 2 rooms



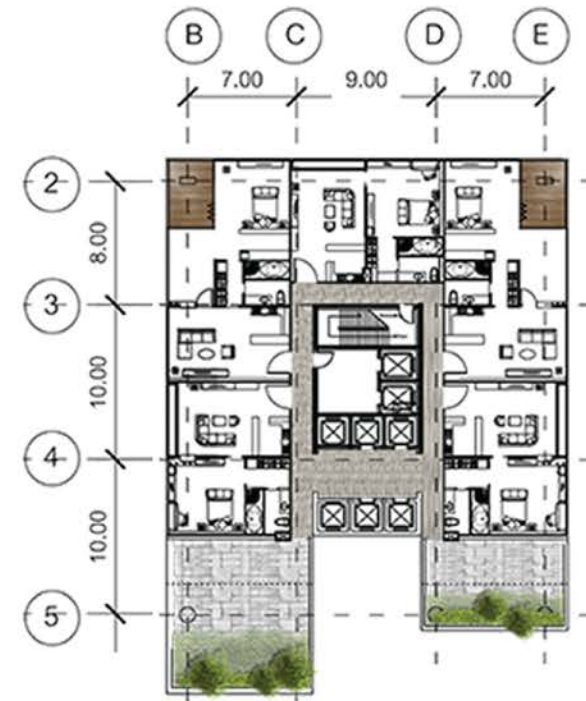
**SUPERIOR ROOM**

80 sq.m.  
30 rooms

**FLOOR PLAN** ▶

level 24

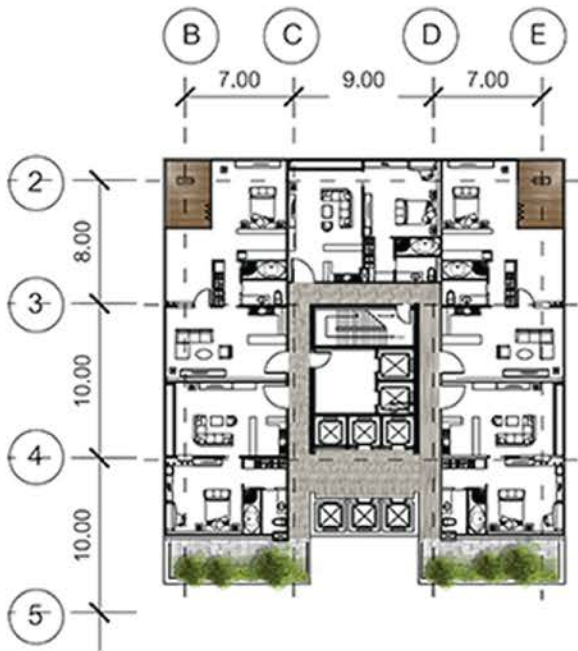
SUPERIOR ROOMS @ 3 rooms  
SUITE ROOMS @ 2 rooms



Bedroom : Lumion Render



Living area : Lumion Render



◀ **FLOOR PLAN**

level 25-33

SUPERIOR ROOMS @ 3 rooms

SUITE ROOMS @ 2 rooms



**SUITE ROOM**

116 sq.m.

20 rooms



Living area : Lumion Render



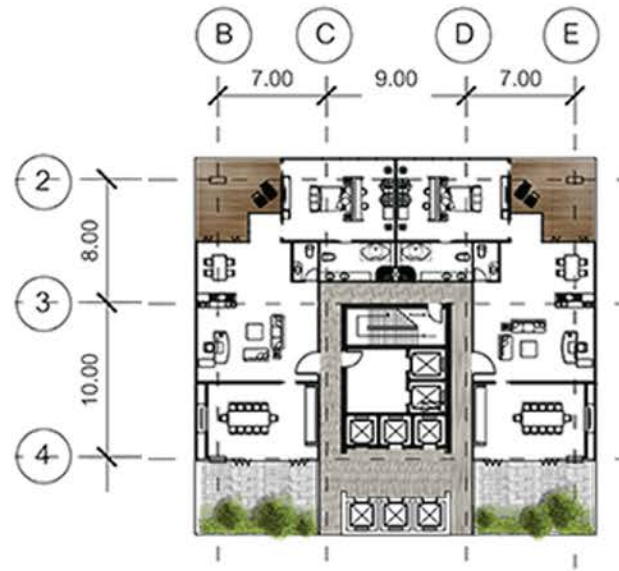
Bedroom : Lumion Render

**GUEST ROOM**



**EXECUTIVE ROOM**

156 sq.m.  
8 rooms



◀ **FLOOR PLAN**

level 34-37

EXECUTIVE ROOMS @ 2 rooms



Lounge : Lumion Render



Bedroom : Lumion Render

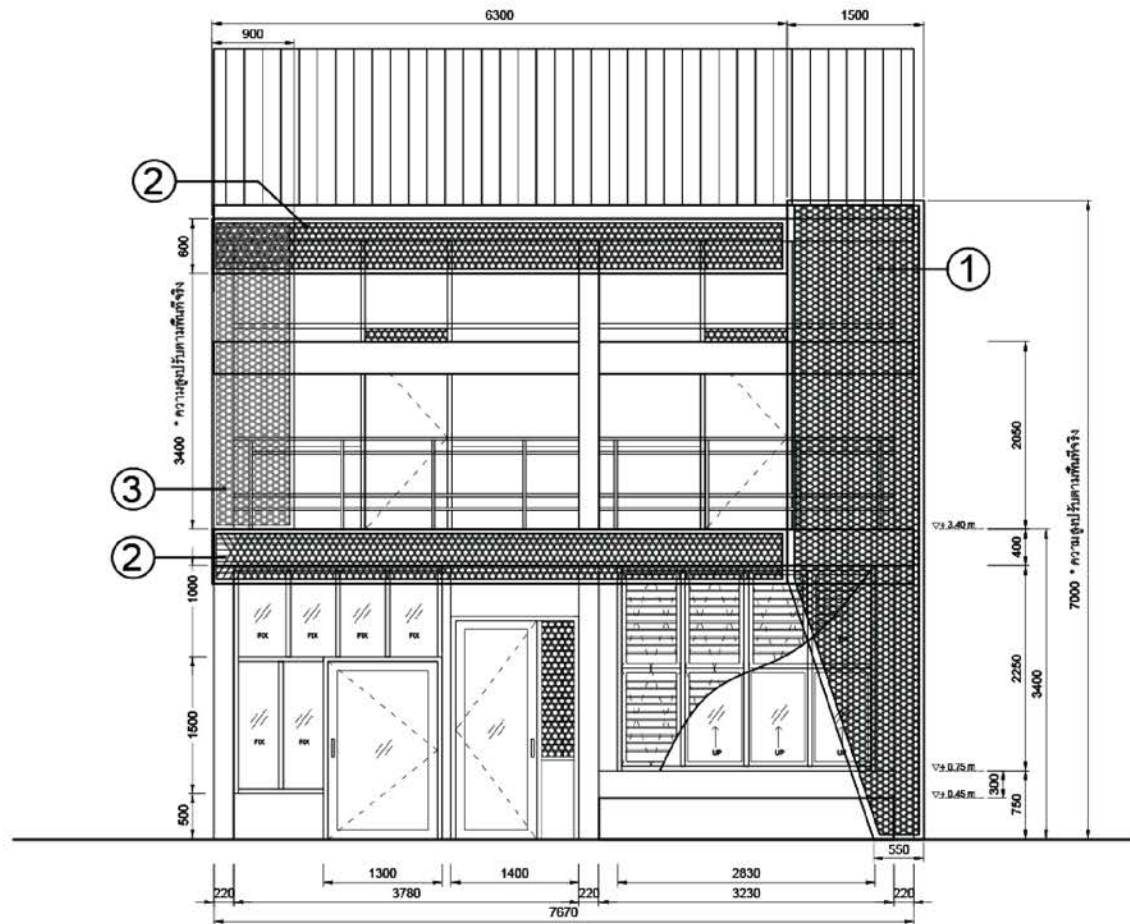
# WORK EXPERIENCE

---



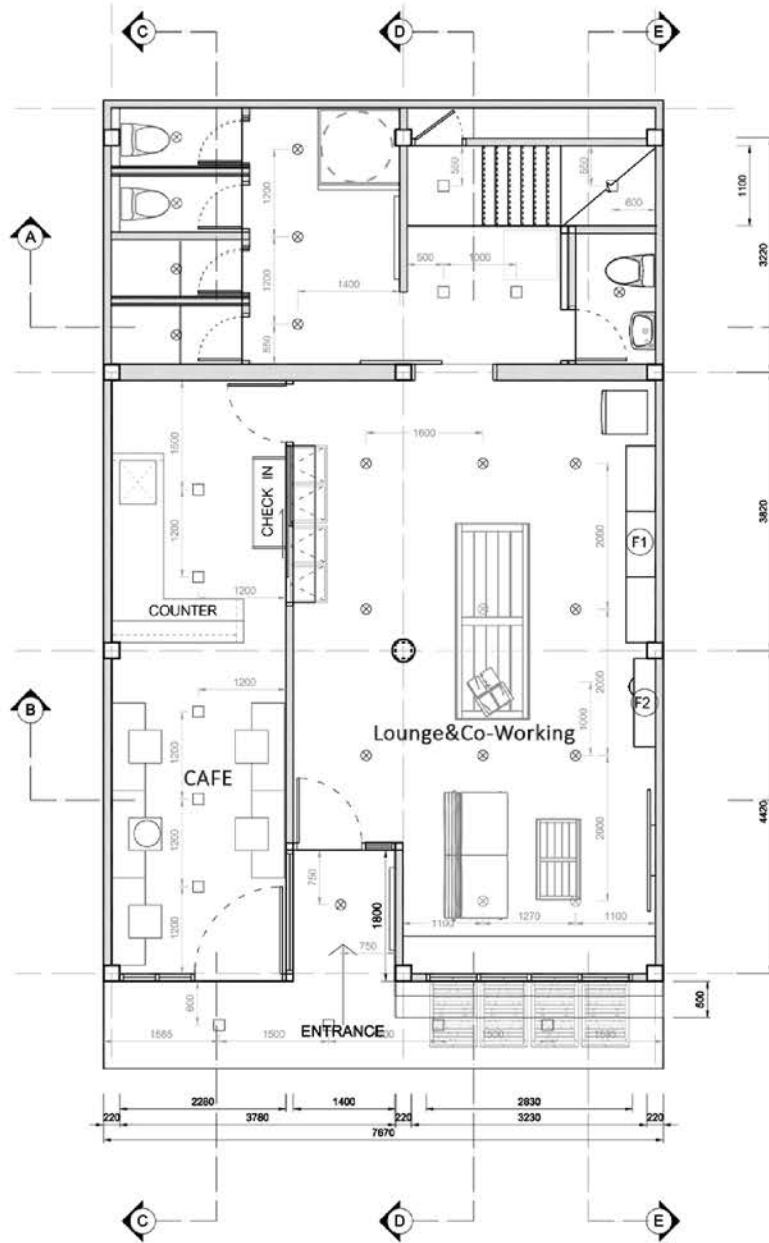
# 03 HOSTEL

## RENOVATION PROJECT

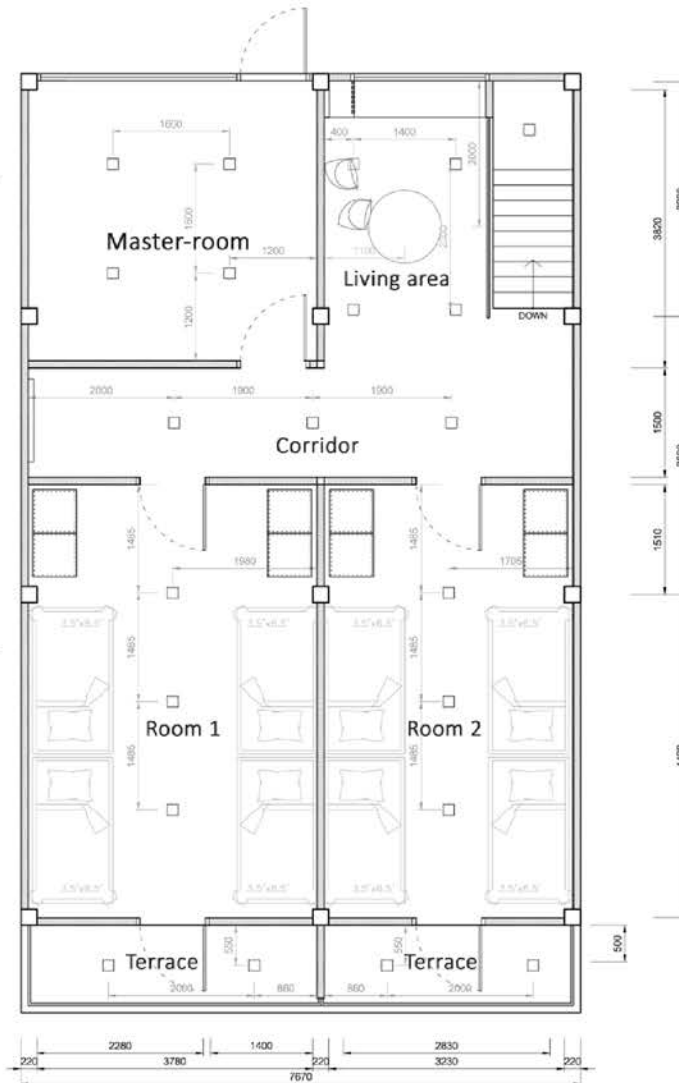


Site : Chiang Rai,  
Location : Thailand

Require : 16 beds Hostel  
Cafe & Co-working



1st Floor Plan



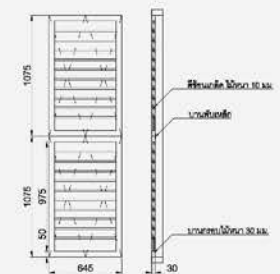
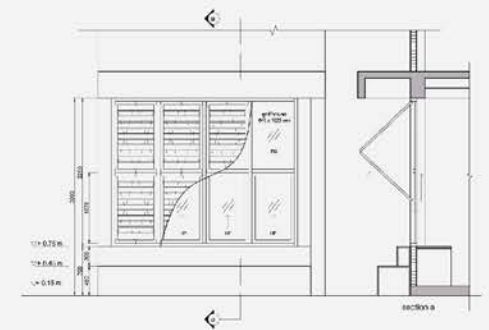
2nd Floor Plan

**1ST FLOOR PLAN**

1. Cafe
2. Lounge & Co-Working
3. Check-in
4. Toilet & Bathroom

**2ND FLOOR PLAN**

1. Living area
2. Master-room
3. Hostel room (8 beds/room)



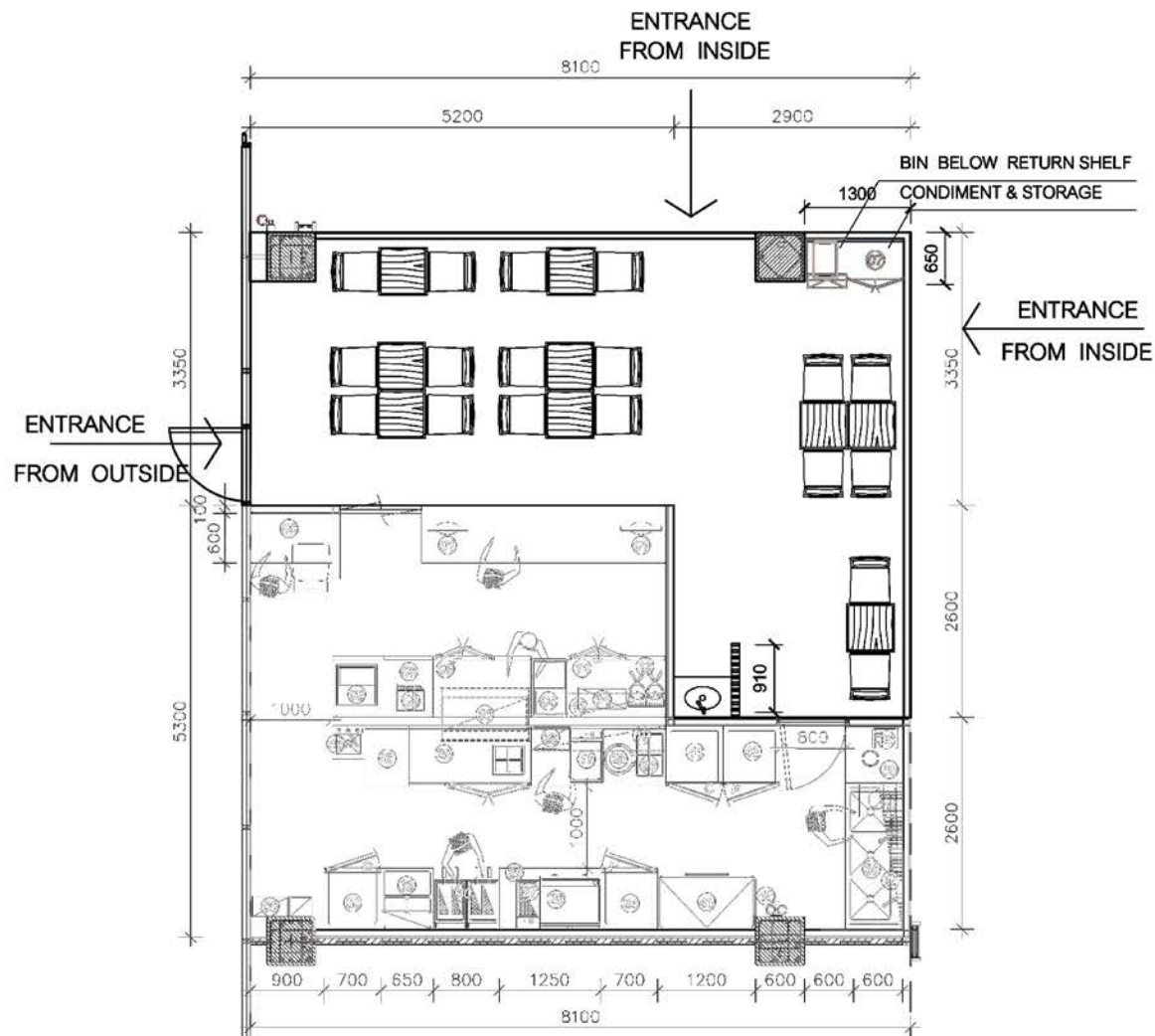
**DETAIL**

# 04 RESTAURANT

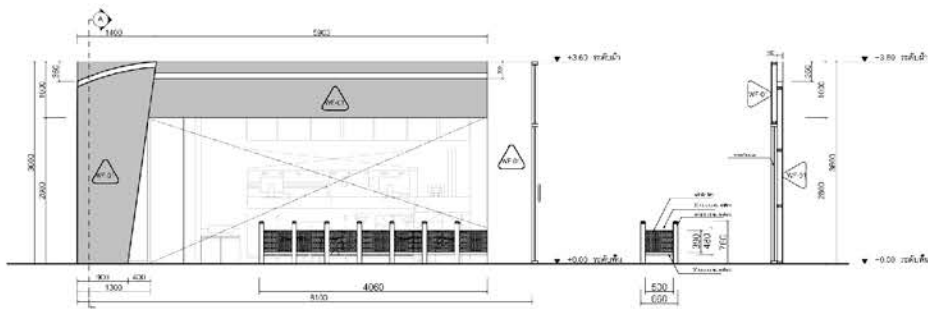
## DINING LAYOUT DESIGN

Site Location : Department store, Bangkok

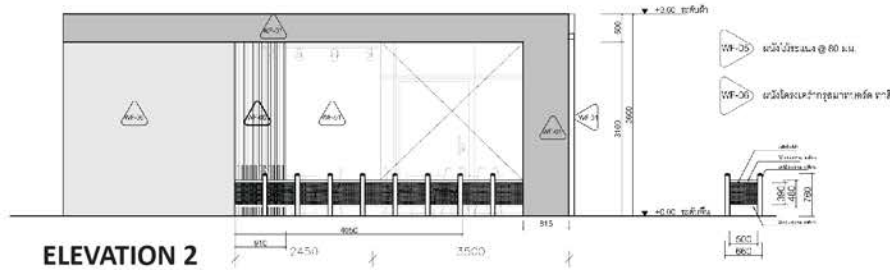
Require : Dining Layout Design  
Furniture design & Drawing



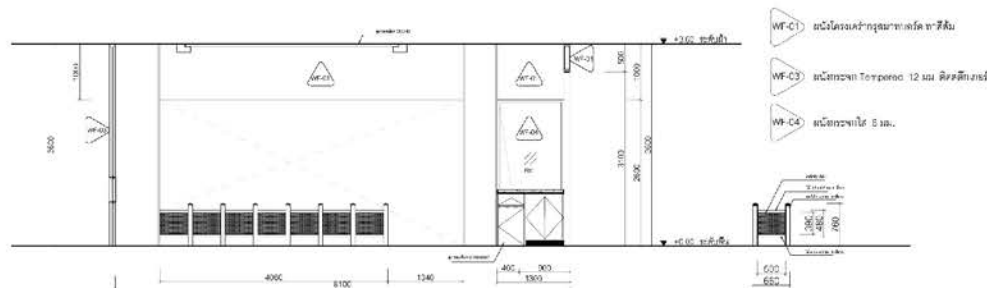
FLOOR PLAN



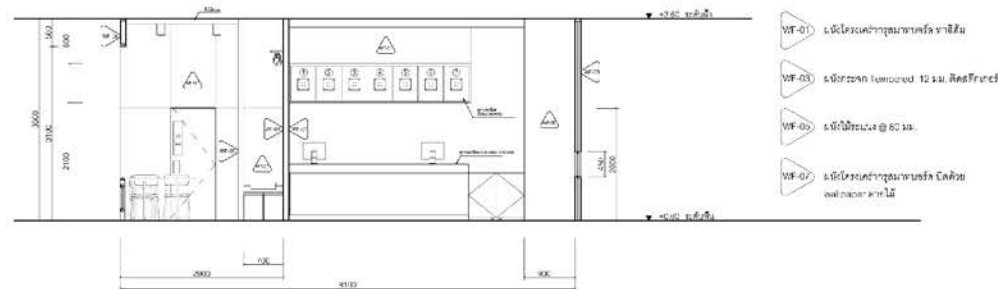
ELEVATION 1



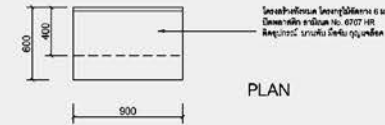
ELEVATION 2



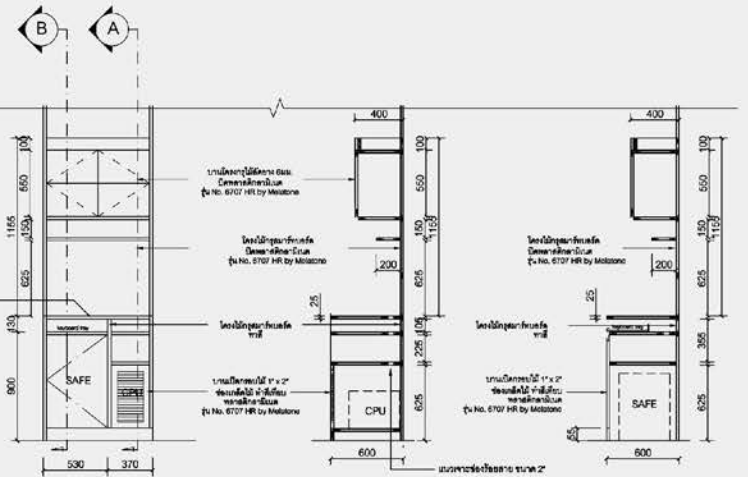
ELEVATION 3 (INTERIOR 1)



ELEVATION 4 (INTERIOR 2)



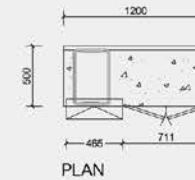
PLAN



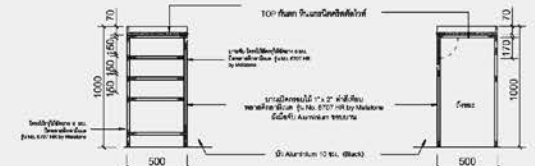
FRONT

SECTION A

SECTION B

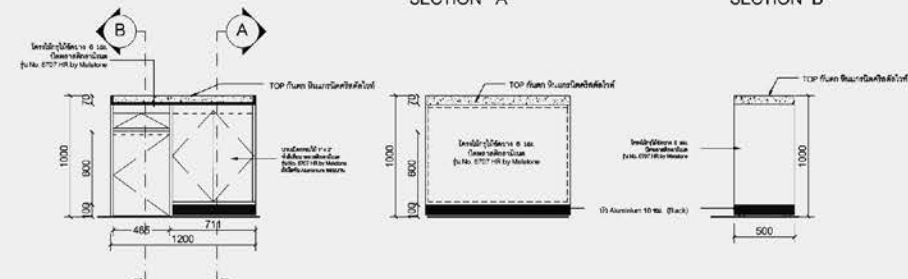


PLAN



SECTION A

SECTION B



FRONT

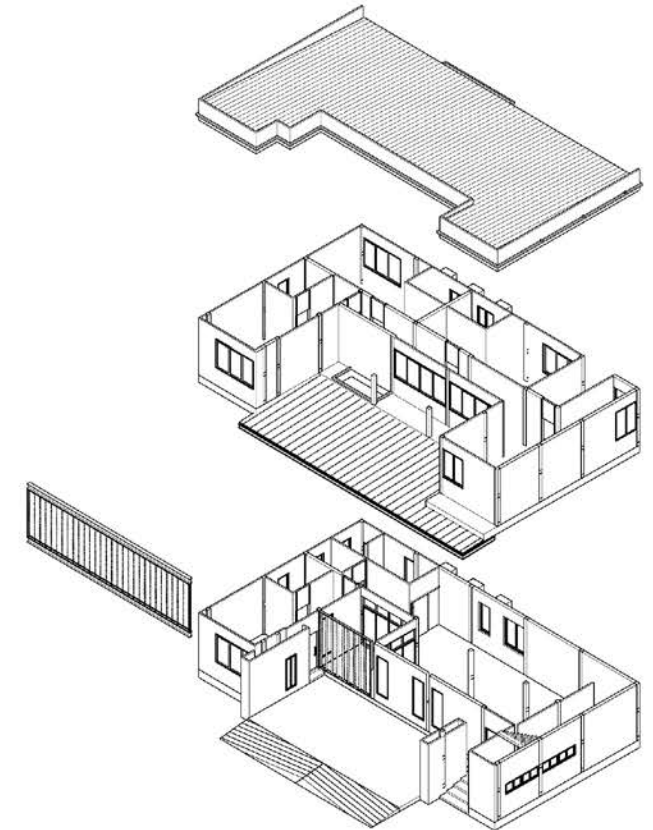
BACK

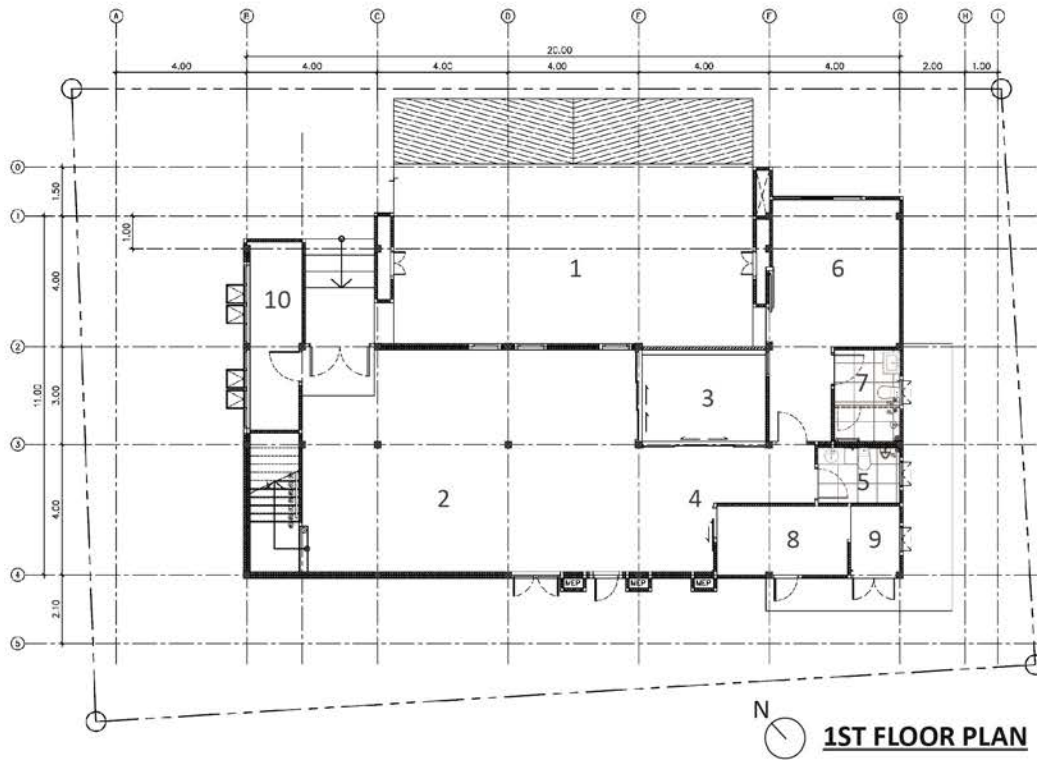
SIDE

# 05 NOPP HOUSE

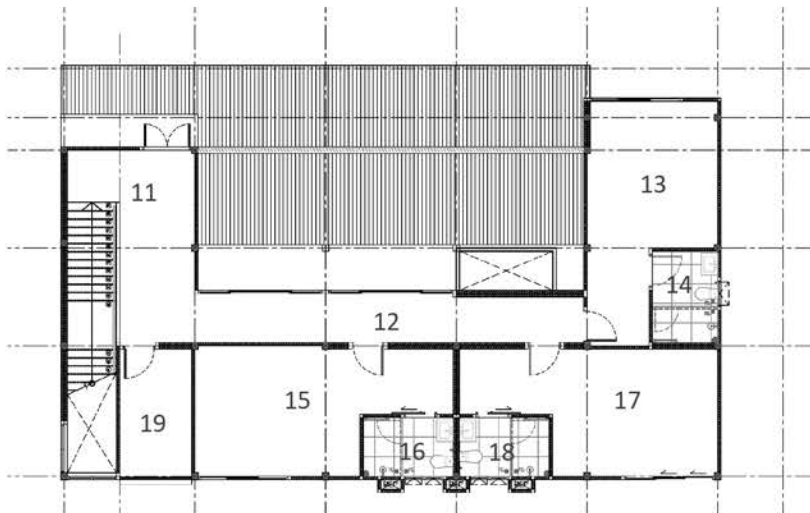
RESIDENCE

Site Location : Samut Prakarn, Thailand  
Description : 4 bedrooms, 5 toilets  
Area : 417 sq.m.  
Project year : 2021





**1ST FLOOR PLAN**



**2ND FLOOR PLAN**

## FLOOR SPEC

F0 พื้น ค.ส.ล. ผิวแกร่งขัดมัน โรยผงวัสดุผิวแกร่ง (FLOOR HARDENER) ชนิดไม่ผสมผงโลหะ สีเทา ปริมาณ 5 กก./ตร.ม. ผลิตภัณฑ์ เช่น DURACRETE, SIKA หรือเทียบเท่า แล้วขัดแต่งผิวหน้าให้เรียบเสมอกัน

F1 ผิวพื้นปูกระเบื้อง Porcelain ลายหินอ่อนสีขาว ขนาด 60 X 60 ซม. ผลิตภัณฑ์ของ CASA ROCCA รุ่น MBJA-397 ผิวด้านเงา, COTTO หรือเทียบเท่า

F2 พื้น ค.ส.ล. ผิวขัดเรียบ ปูไม้สังเคราะห์ เกรดพรีเมียม ใช้ภายนอกสีไม้สัก ผลิตภัณฑ์ของ Sci wood รุ่น MuMu (มูมู) DK23-MM6 EU , CASA ROCCA ไม้พื้น WPC รุ่น Plus สี Brown Mix , KS Wood รุ่น UltraShield Naturale สี W39 Teak หรือเทียบเท่า

F3 ผิวพื้นปูเซรามิค ขนาด 30 X 30 ซม. สีขาวผิวด้าน ชนิดไม่ลื่น ผลิตภัณฑ์ของ DURAGRES หรือเทียบเท่า

F4 พื้น ค.ส.ล. ผิวขัดเรียบ ปูพื้นด้วยกระเบื้องยางขนาด หนาไม่ต่ำกว่า 2.5 มม. ผลิตภัณฑ์ของ Minima House รุ่น Ecoqueen Floor EF-41004 Ash หรือ ผลิตภัณฑ์อื่นที่ สี ลายและคุณภาพเทียบเท่า

F5 ผิวพื้นหลังคา ค.ส.ล. ขัดเรียบ ให้ปรับระดับผิวคอนกรีตตามแบบกำหนด แล้วขัดหน้าให้เป็นเนื้อเดียวกับคอนกรีต ให้เรียบเสมอกัน แล้วทำระบบกันซึมชนิด โพลียูรีเทน (Polyurethane) การทำให้ดำเนินการตามกรรมวิธีของผู้ผลิต เป็น ผลิตภัณฑ์ของ TOA, Beger, จระเข้ หรือเทียบเท่า

F6 ผิวพื้นปูกระเบื้อง Porcelain ขนาด 60 X 60 ซม. ชนิดกันลื่น ค่า R มากกว่าหรือเท่ากับ 10 ผลิตภัณฑ์ของ CASA ROCCA, COTTO หรือเทียบเท่า

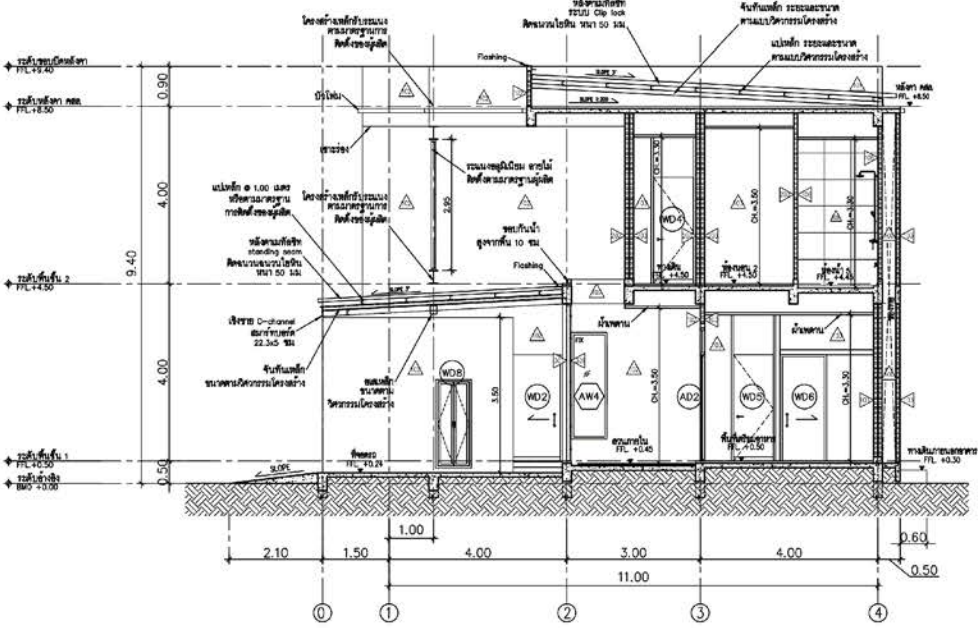
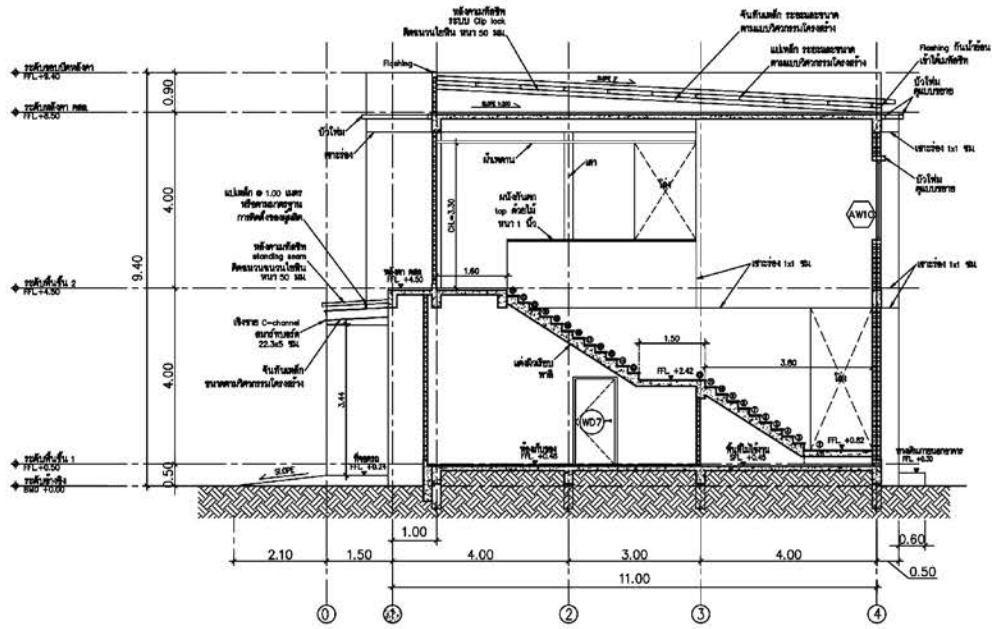
F7 พื้น ค.ส.ล. ขัดเรียบ ปรับระดับเอียงลาดตามที่แบบกำหนด ความหนาของปูนทราย 30-50 มม. ก่อนที่ปูนทรายจะแข็งตัว ให้โรยผงปูนซีเมนต์ทับหน้าพอประมาณ แล้วขัดแต่งผิวหน้าให้เรียบเสมอกัน

### 1ST FLOOR PLAN

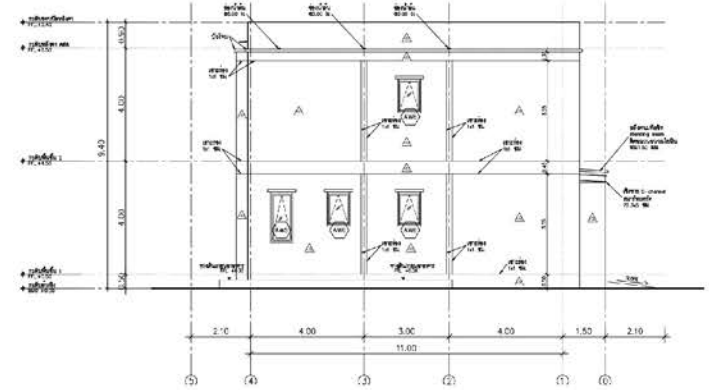
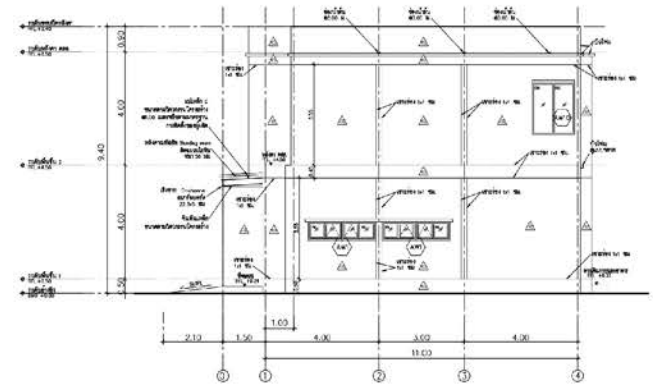
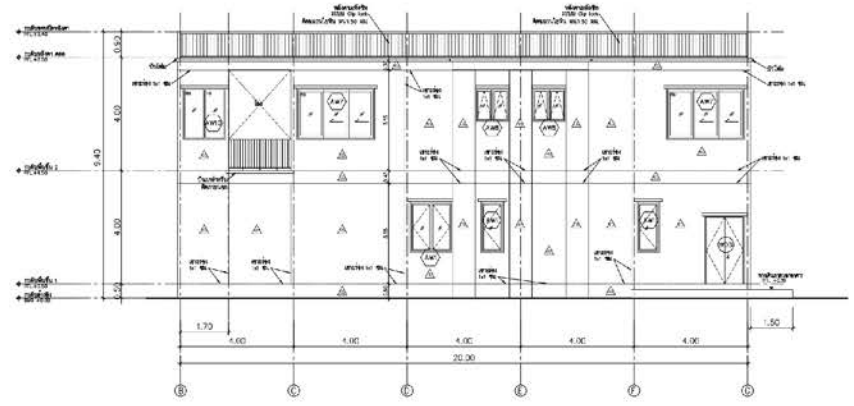
- |                 |               |
|-----------------|---------------|
| 1. Parking      | 6. Bedroom 1  |
| 2. Living Area  | 7. Bathroom 1 |
| 3. Garden Court | 8. Kitchen    |
| 4. Pantry       | 9. Laundry    |
| 5. Toilet       | 10. Storage   |

### 2ND FLOOR PLAN

- |               |                |
|---------------|----------------|
| 11. Hall      | 15. Bedroom 3  |
| 12. Corridor  | 16. Bathroom 3 |
| 13. Bedroom 2 | 17. Bedroom 4  |
| 14. Bathroom2 | 18. Bathroom 4 |
|               | 19. Terrace    |



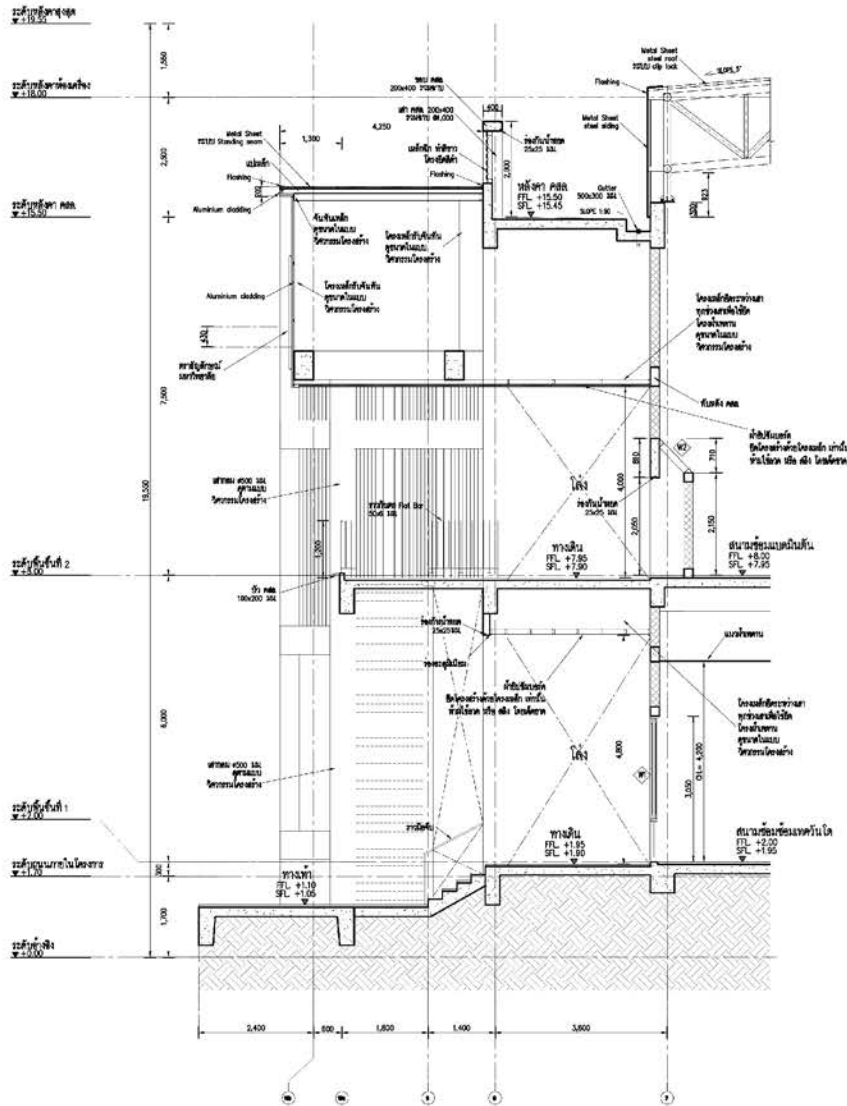
SECTION



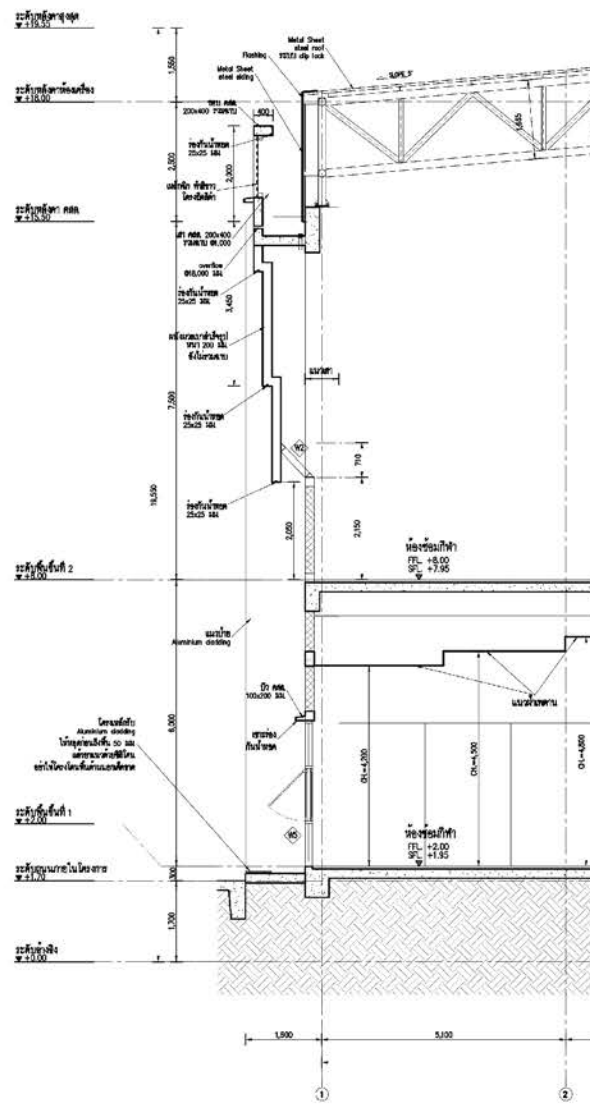
ELEVATION

# 06

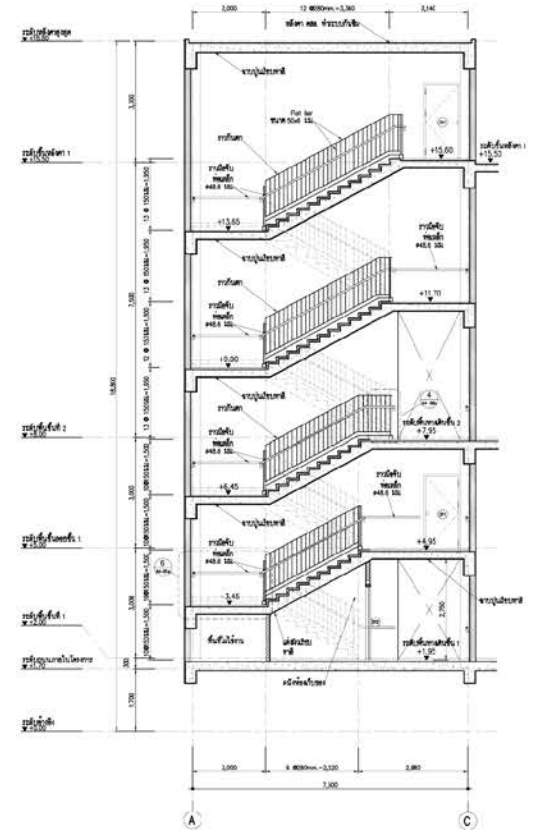
# CONSTRUCTION DRAWING & DETAILS



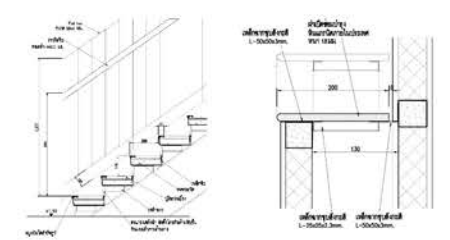
WALL SECTION 1



WALL SECTION 2



STAIR SECTION



OTHER DETAIL DRAWING