

KALNEERAT
KANGHOM

PORTFOLIO

ARCHITECTURAL DESIGN

Kalneerat Kanghom

Architect



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Software Skills : Autocad / Photoshop / Sketch Up / Vray / Microsoft
Architect Skills : Drawing, Drafting, Planning, Model Making, Architect Design
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Education :
2007 - 2013 Secondary School :
 Saipanya School Under the Royal Patronage of Her Majesty the Queen

2013 - 2018 Bachelor's Degree of the Faculty of Architecture and Design :
 King Mongkut's University of Technology North Bangkok

Experience :
May 2018 - Site Architect and Admin in PMNB Synnergy
 (Consulting Management office)
Jan 2019

- Thai Union's Global Innovation Center at SM Tower
 Admin, resolve the problem between architect, owner and contractor
- Thai Union Factory at Samutsakhorn
 Drawing a factory structure and presentation to owner
- The Muse Kamphaeng saen at Kamphaeng saen
 resolve the problem between architect, owner and contractor
- The River Garden at Sipraya river, Bangrak
 resolve the problem between architect, owner and contractor

Feb 2019 - Freelance Architect
Mar 2021

- Pathum House at Samkhok, Pathumthani
 Design concept, drawing building permission, and architect site
- House 111 at Prangku, Sisakate
 Design concept, drawing for permission
- CoCo's Cafe at Damneon Saduak, Ratchburi
 Design concept, drawing for permission
- House no.9 at Suan Tang, Supanburi
 Design concept, drawing for permission, and architect site
- House 618 at Ramkamhang, Bangkok
 Design concept, drawing for permission, and architect site
- House 64 at Saima, Nonthaburi
 Design concept, drawing for permission

1

01 - 02

Co/Art Studio

2

03 - 04

Let's Cycling

3

05 - 06

Wastedwater
Treatment

4

07 - 14

Alternative Art

5

15 - 18

T - Prang
Condominium

6

19 - 24

House 111

7

25 - 34

Coco's Cafe

8

35 - 42

Pathum House

9

43 - 50

House no.64

10

51 - 54

House no.9

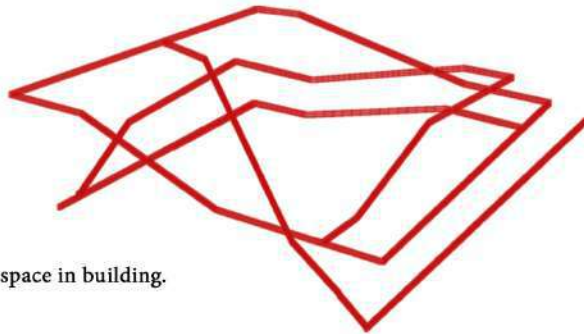
11

55 - 60

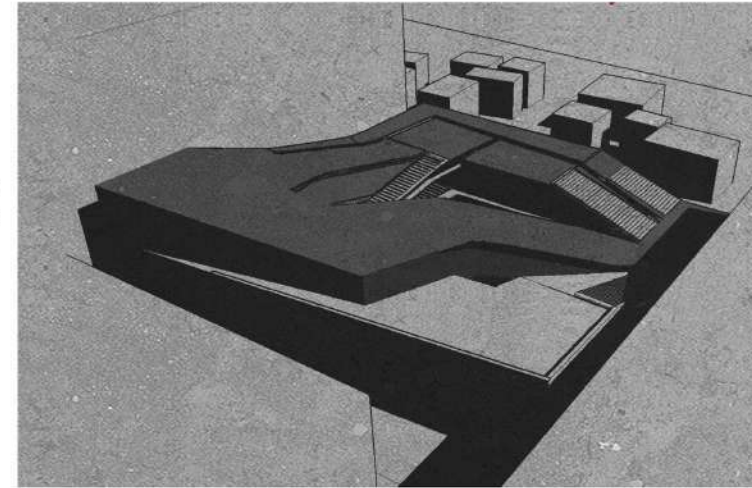
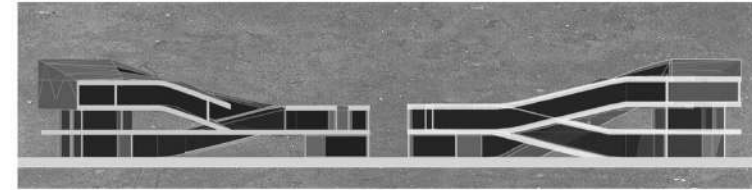
House 618

Co /Art - Studio

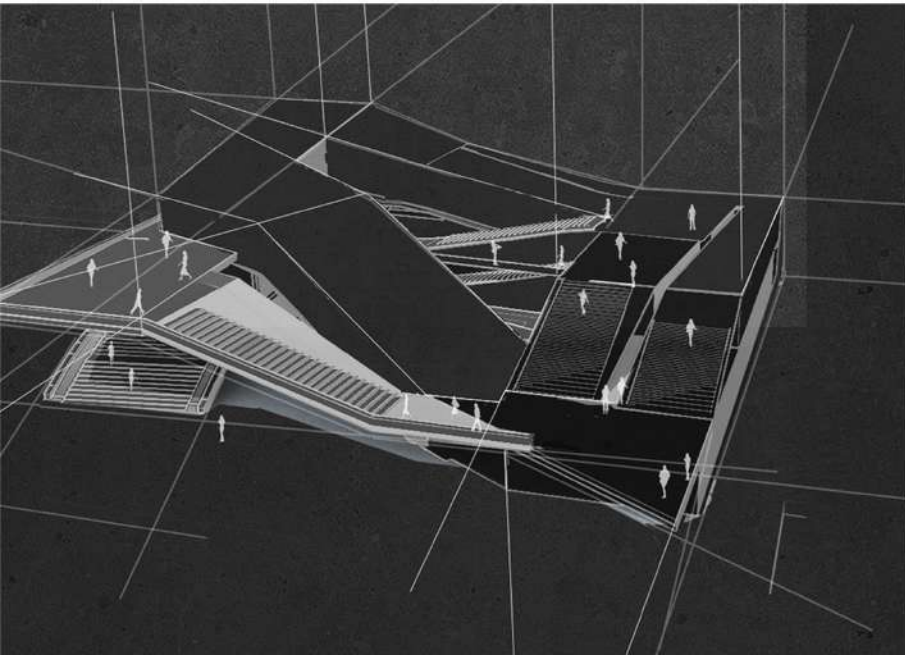
Study Project



The circulations are connect every space in building.



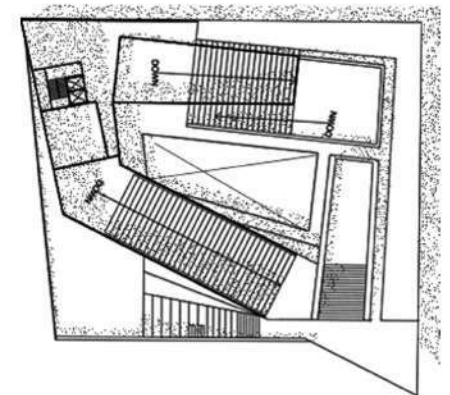
Co /Art has many functions
ex studio, store, circulation gallery,
auditorium indoor - outdoor court
for sharing thier ideas



every spaces are connected by gallery path
and court is the center of building

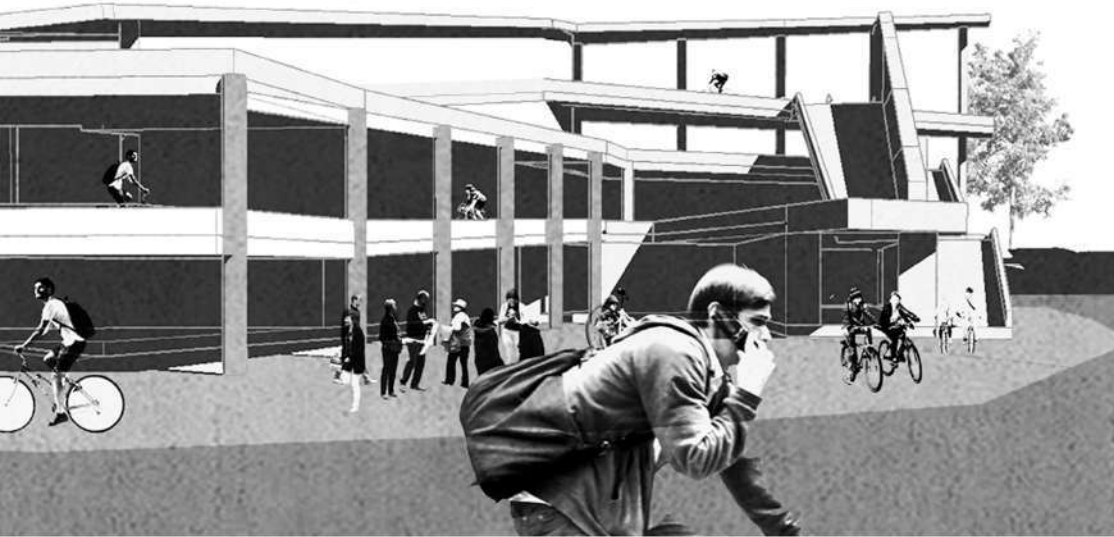
“Co - Art - Studio” is a art space.
This space is allocated for students
who learning or interesting in
art work can enjoy together.

they are public exhibitions
and studios that the student
can create thier works here.



ผังพื้น ชั้นที่ 3

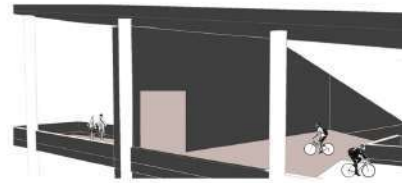
Let's Cycling study project



Cycling, also called bicycling or biking, is the use of bicycles for transport, recreation, exercise or sport.

This community for extreme cycling for people who like a challenge, exercise and relaxing.

Here there are bicycle shop, bike rental and bike fitting.



The concept of this place is a "route of bike" there are many routes and different difficulties every route were connected. the building was created like a route it's not seem like a building

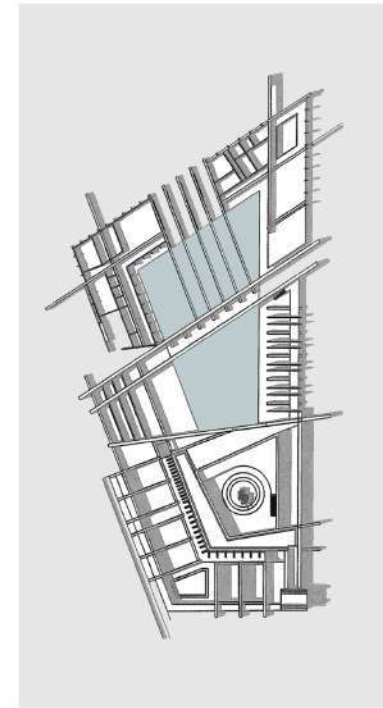
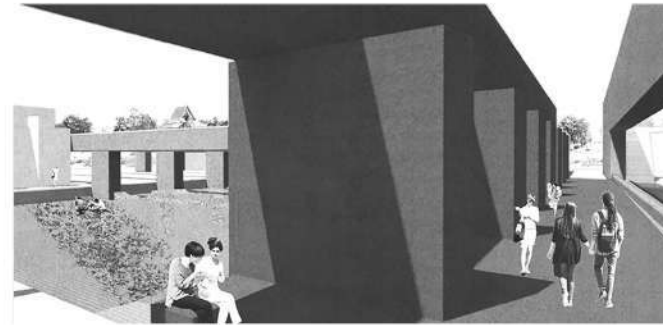
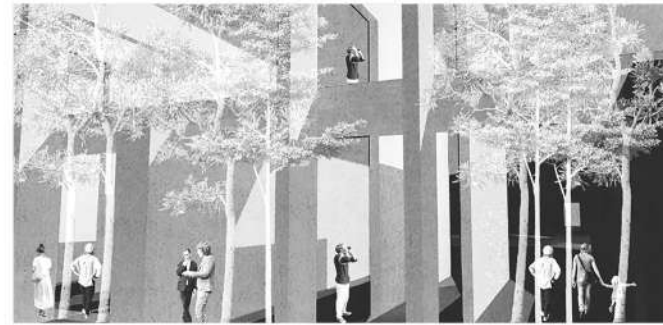
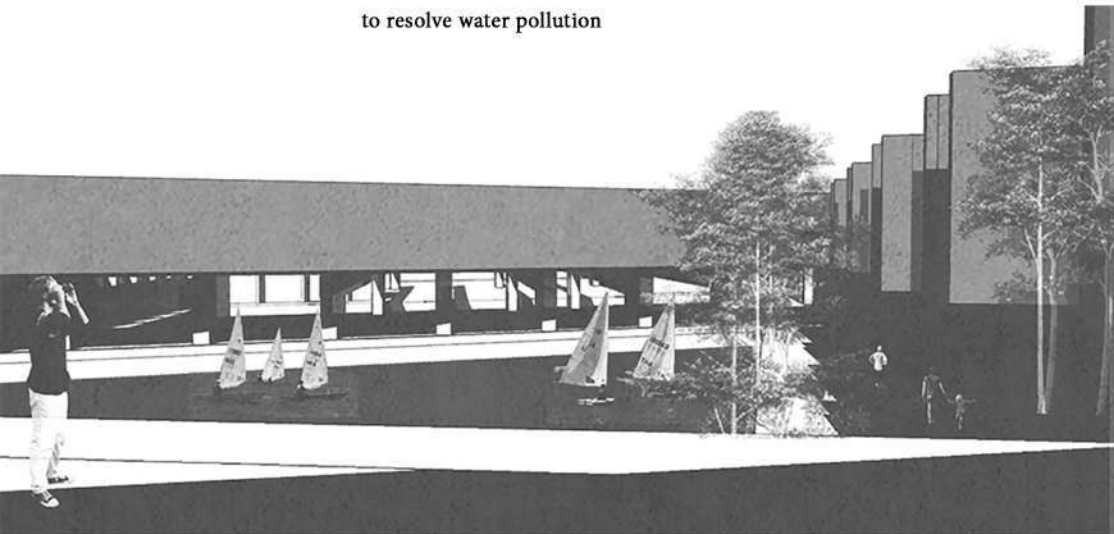


Wastewater Treatment study project

“water treatment”
what do you think about
water used from homes, industries
and businesses.
it’s very toxic and dangerous waste
if waste water did not treat before
released into the environment.

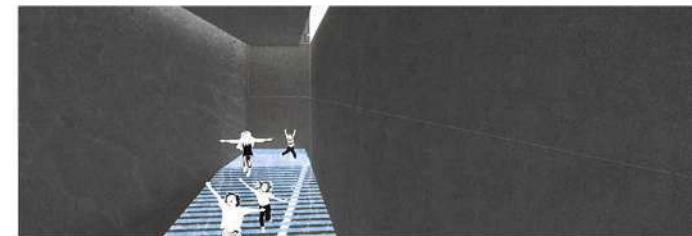
Effects of wastewater pollution.
The dissolved oxygen in a river.
So fish and other cannot survive.
Too much of metals, such as mercury,
lead, cadmium and chromium are toxic
effects on species. And the water lack of
nutrients in the environment.

so wastewater treatment is a choice
to resolve water pollution

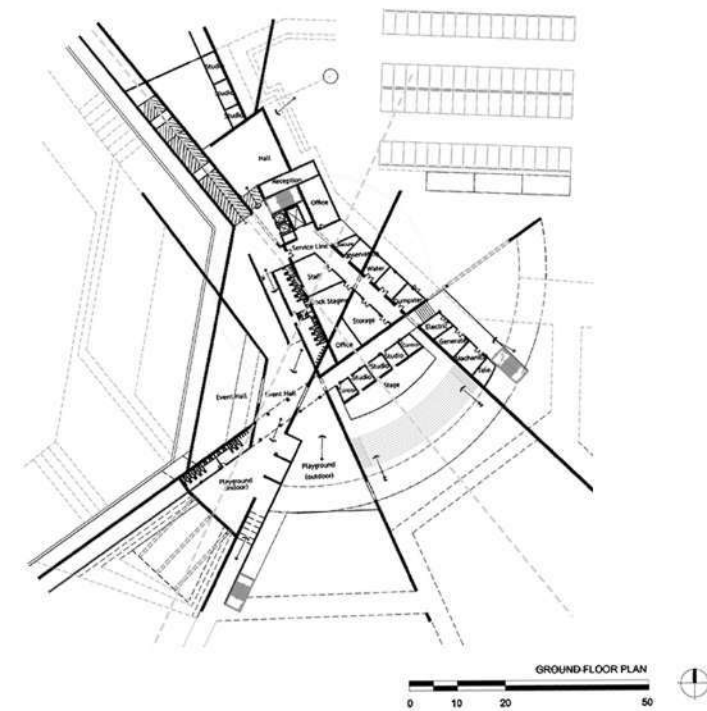


Water park is a learning center.
it is about wastewater cycle.
when the water was treated
they would be released to the park
" that's a clean water " . there is a
lake in the middle of this place.
Around are contain the high park

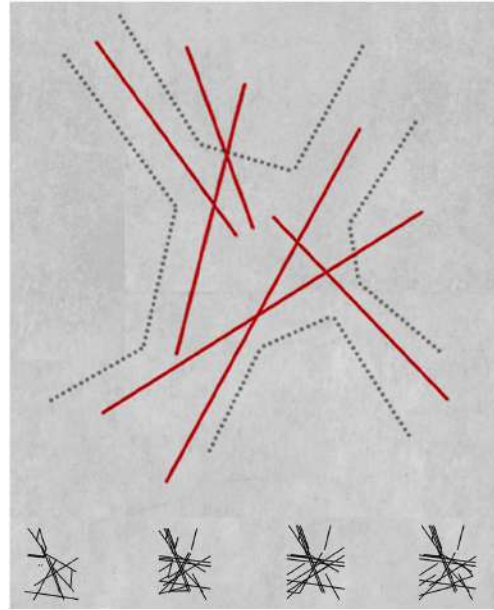
The park is contain many activities
for learning and playing. So it is
a good place for enjoy.



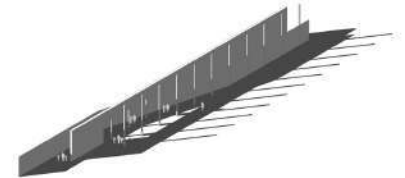
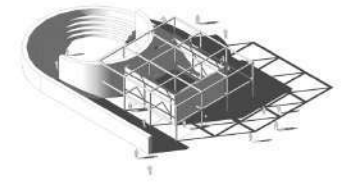
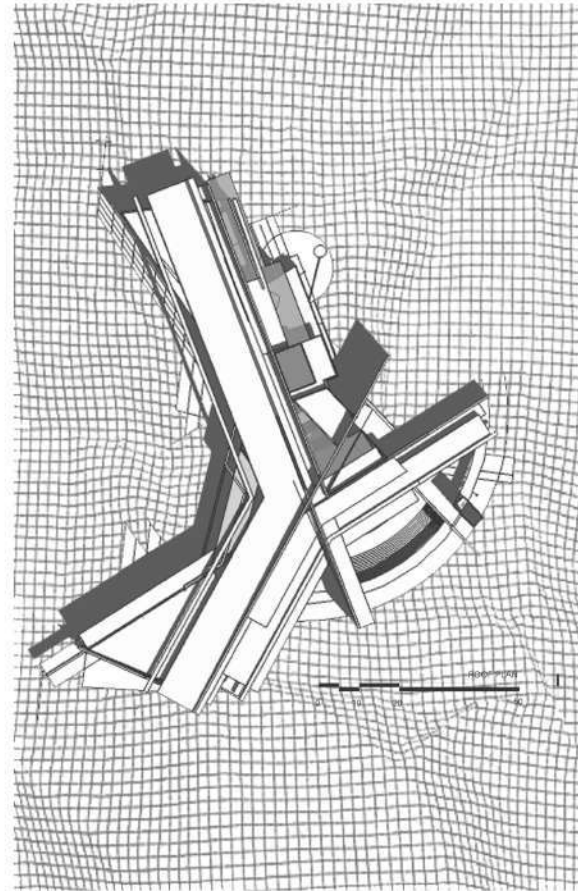
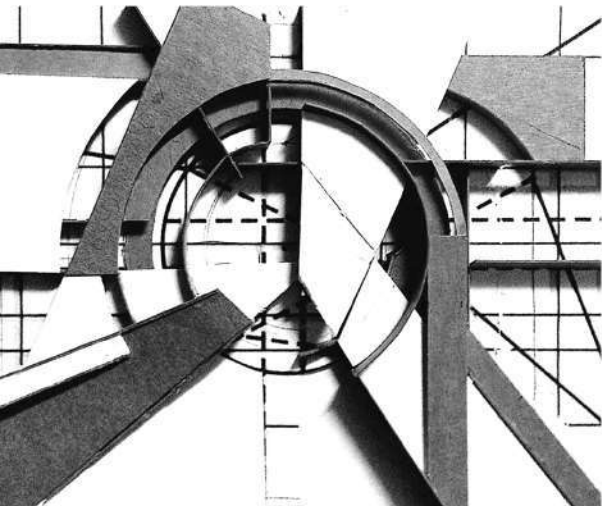
Alternative Art study project

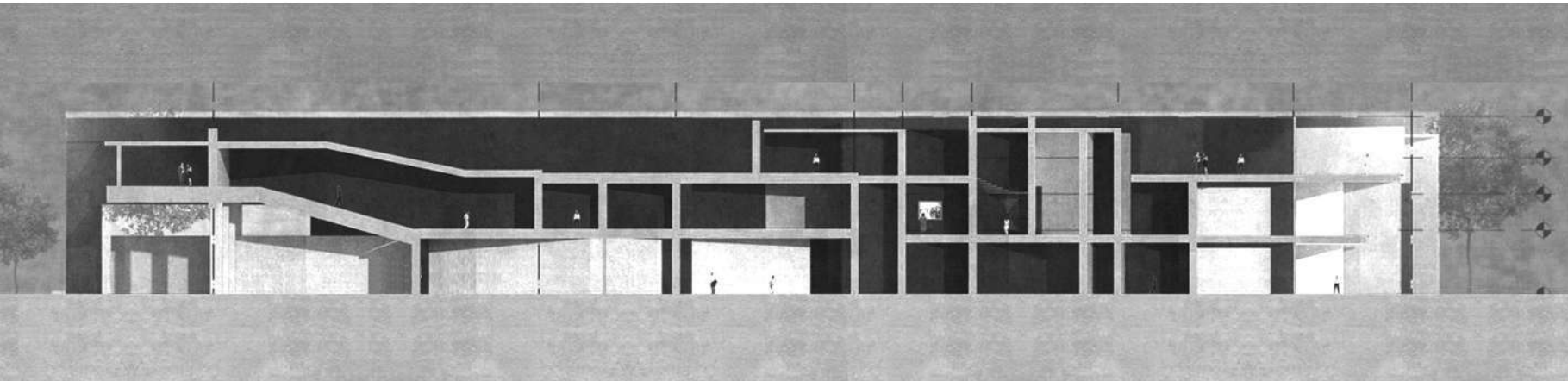


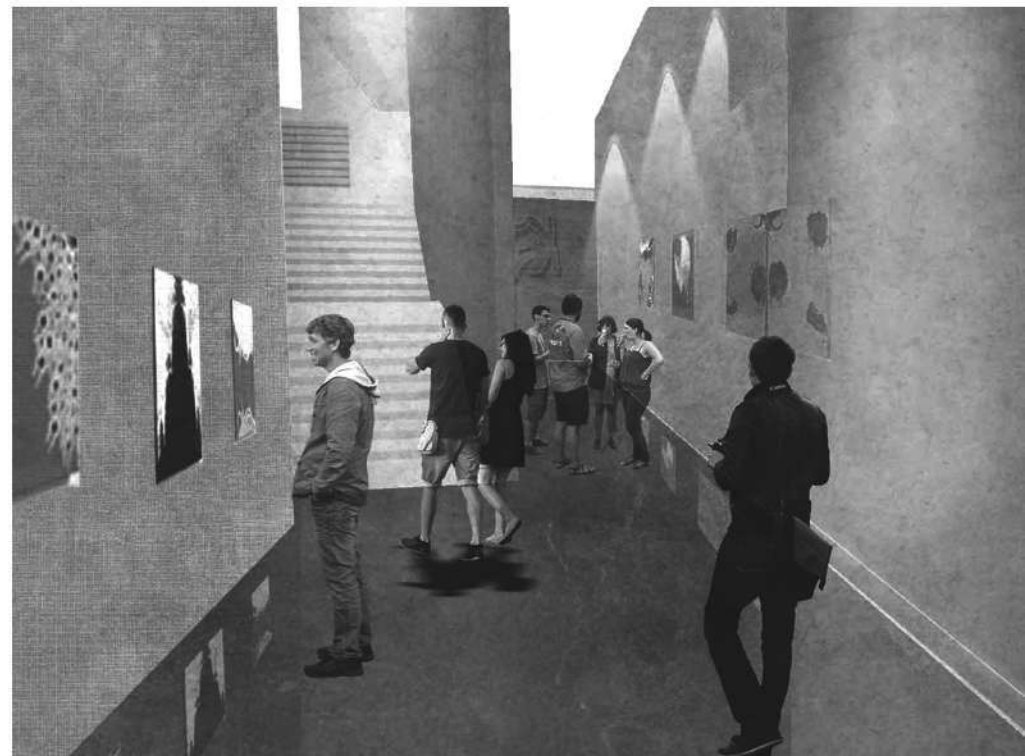
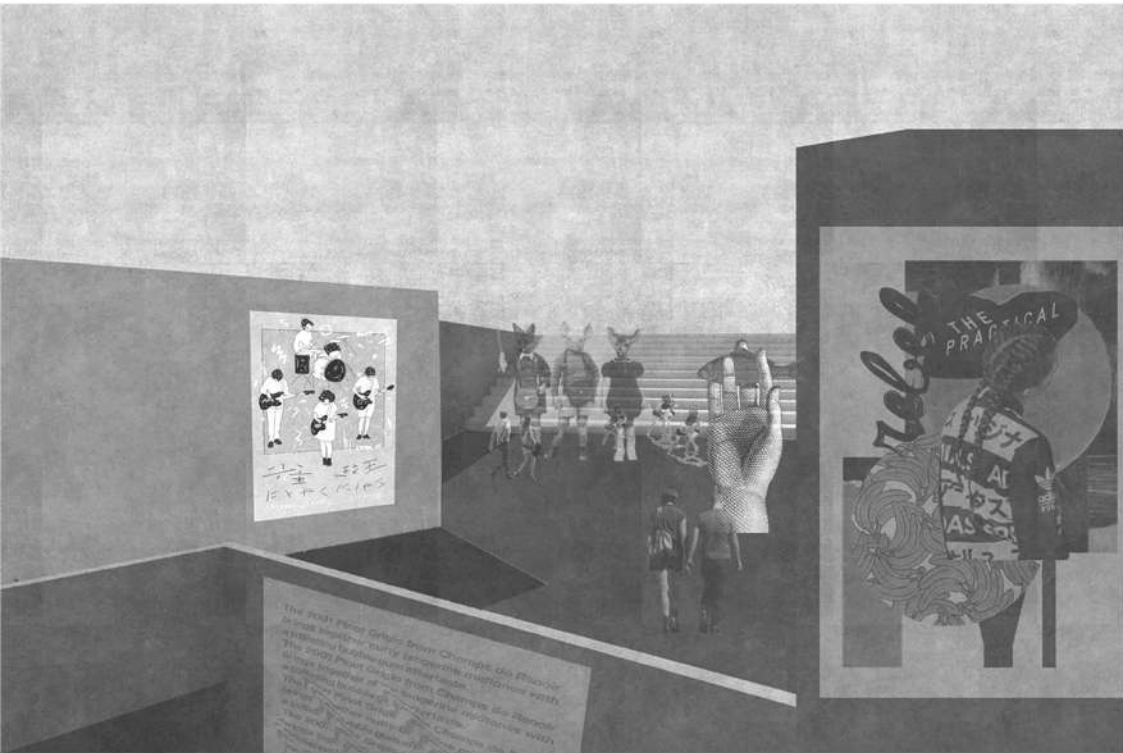
The Alternative Arts Center has developed a desolate area by activist art for artists, new generation artist, students and community. In terms of finding new art space without old tradition of gallery and museum. So, improving dead space, lost space and the expired building area to making a creative space by people with the same purpose, can called " Alternative Art Space ". It stimulates a person can access to art aesthetics and more participation. And make a point of art with a person, art with the artist, art with public spaces and arts with community.



The project located at Chalmers-La park, include of 3 zones are art, performance art and sound art. Determined by old activities and studying new activities. The main areas are wall art, gallery, studio, event space, amphitheater and auditorium. Overall building has 3 floors walking gallery by 1st floor and 2nd floor is indoor space and 3rd is outdoor space. Laying the building by outside view, it made axis view combined with old activities and studying case for basic space.







T - Prang Condo

Study Project

High rise condominium in the city

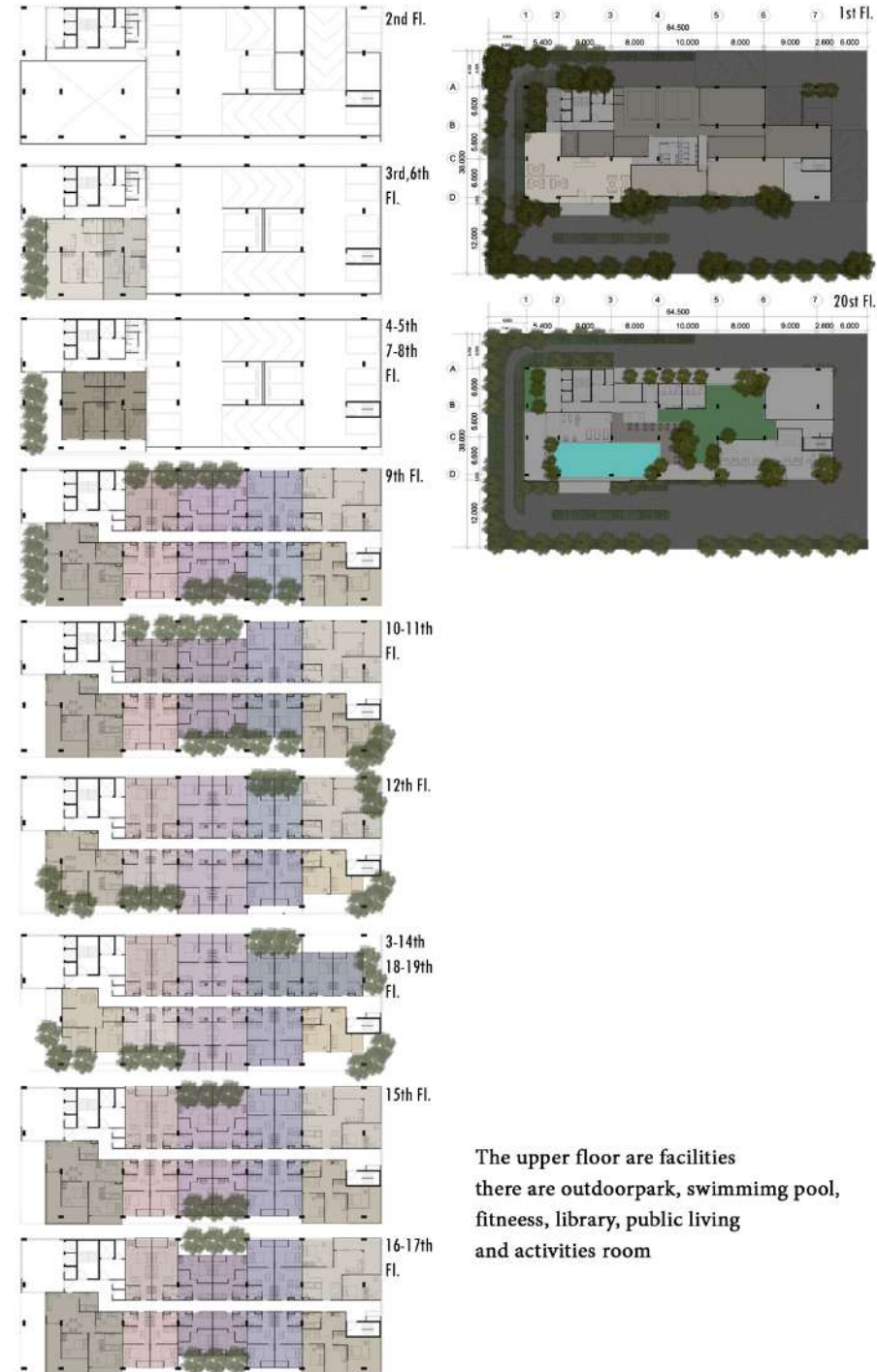
Nowaday, there are many air pollution was happened in our city.

So many people want to have their residence to be a comfort zone.

T - prang's want to dweller feels like living belong the nature.

They created tree court every floor and designed facade to be a second building skin for filter the sunlight.

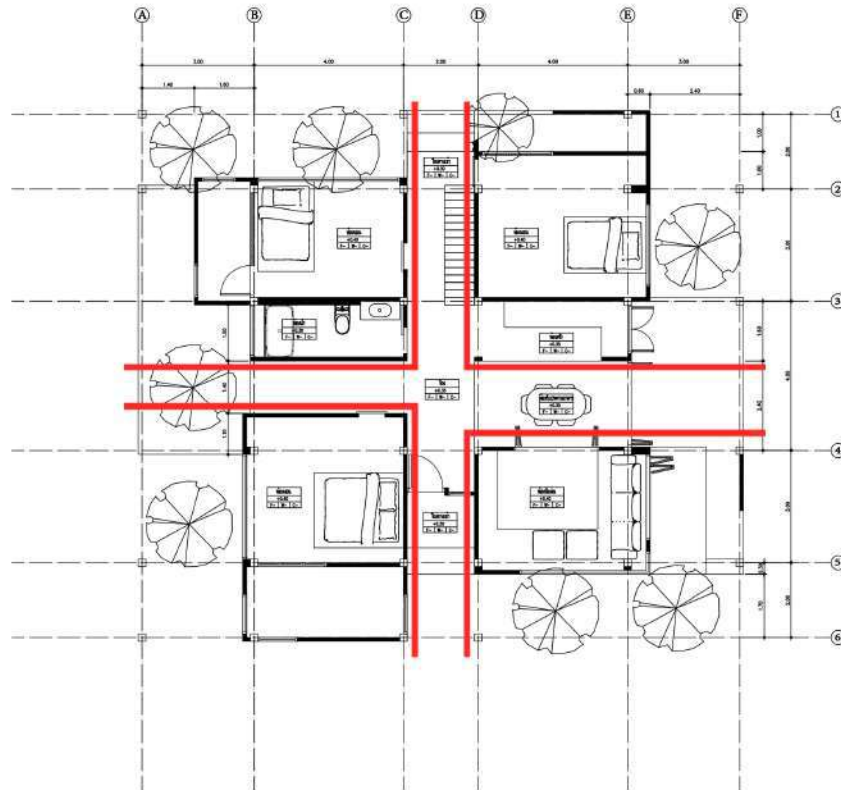




The upper floor are facilities there are outdoor park, swimming pool, fitness, library, public living and activities room

House 111

project



'Vacation house'

This one-story house with roof top
It's a house full of open space.

I tried to make the house feel open
even the land space was limited.
So, I designed space to connecting
between indoor and outdoor by
cross axis circulation and collocated
main function around.

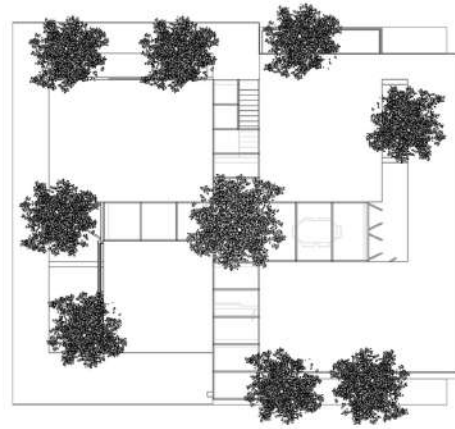
And I want to make owner feel comfortable
with trees, wind and light.

'cross axis as circulation'

In the house made you feeling warmth
and interacted with each other in your
family. So public function are included
in court (cross axis). Private rooms are
pushed out around the court.



Upper floor is terrace.
I used the roof as the second floor
outdoor activities for relax.



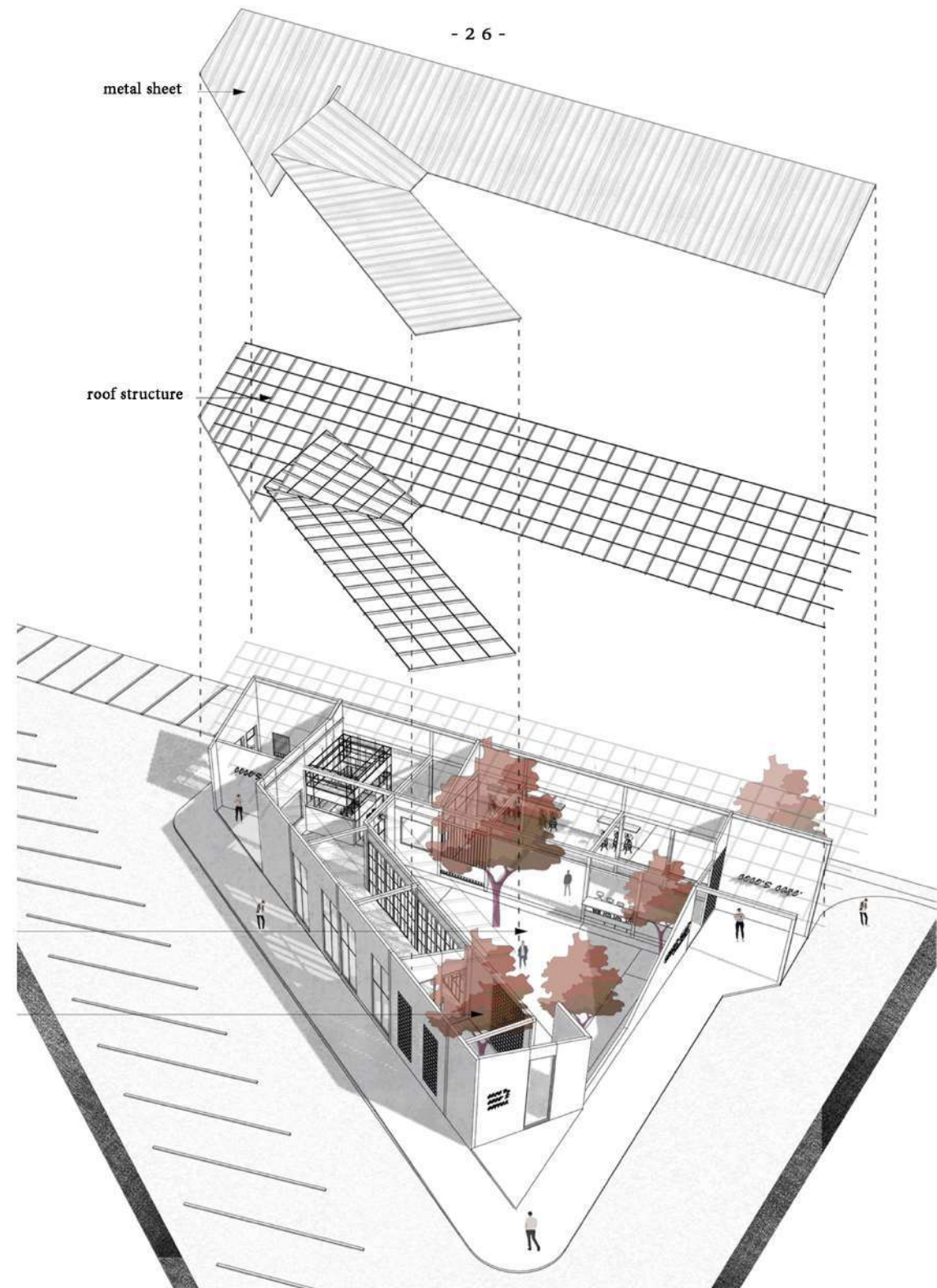
roof plan

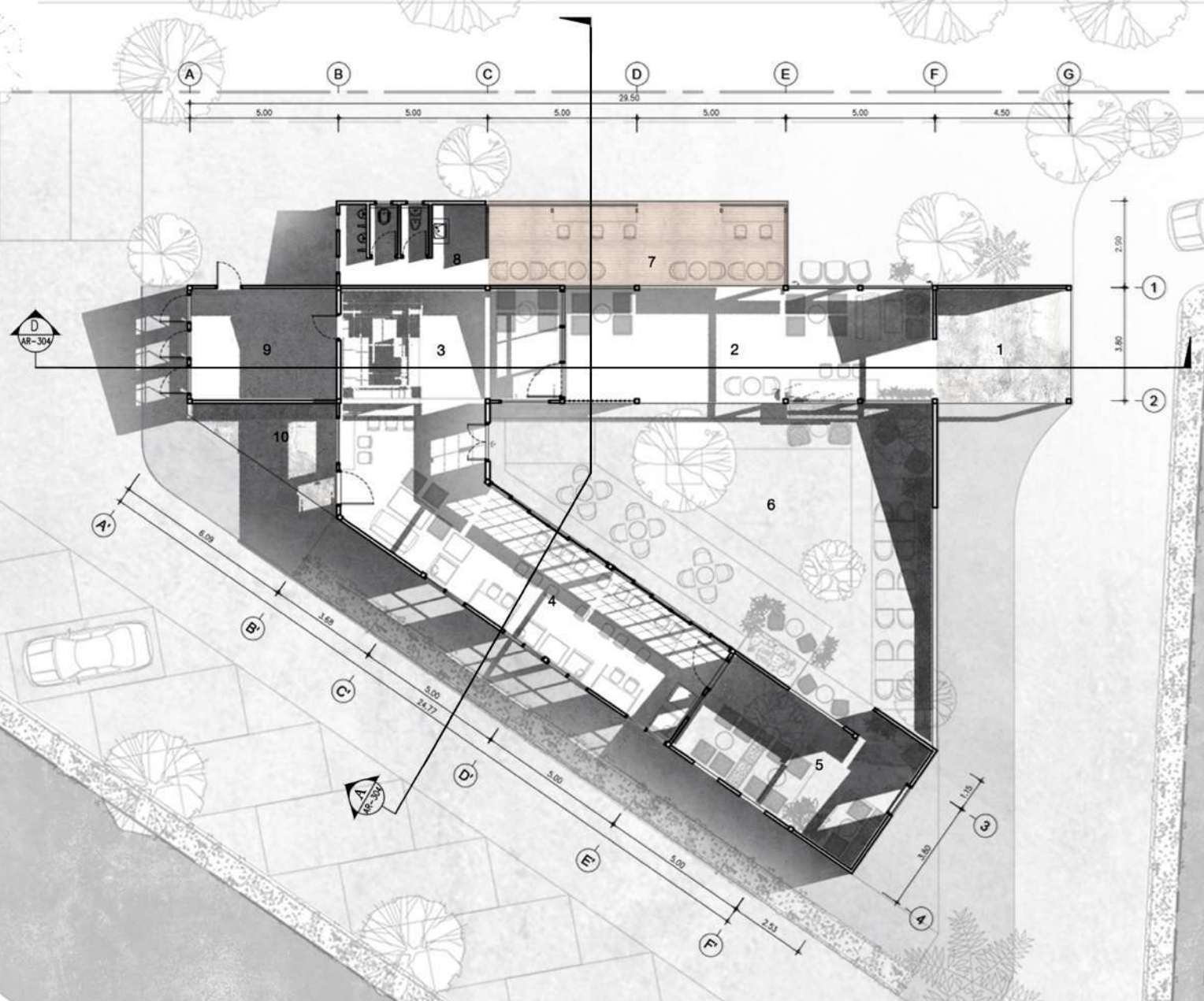




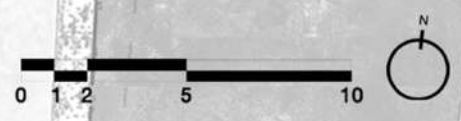
CoCo's Cafe
project

The project locates is in Damneon Saduak, Ratchburi. One of floating market most visited on a weekend and nearby Bangkok So, this site it is a triangle area, attracted from two direction road and pararelled with the canal. This cafe are arounded with coconut garden, because Damneon Saduak is the one of coconut juice exporting. you can call "lands of coconut".





- 1 front entrance
- 2 outdoor cafe
- 3 coffee bar
- 4 indoor cafe
- 5 mini garden
- 6 garden
- 7 terrace
- 8 toilet
- 9 kitchen
- 10 second entrance





The functional space is divided into three sections

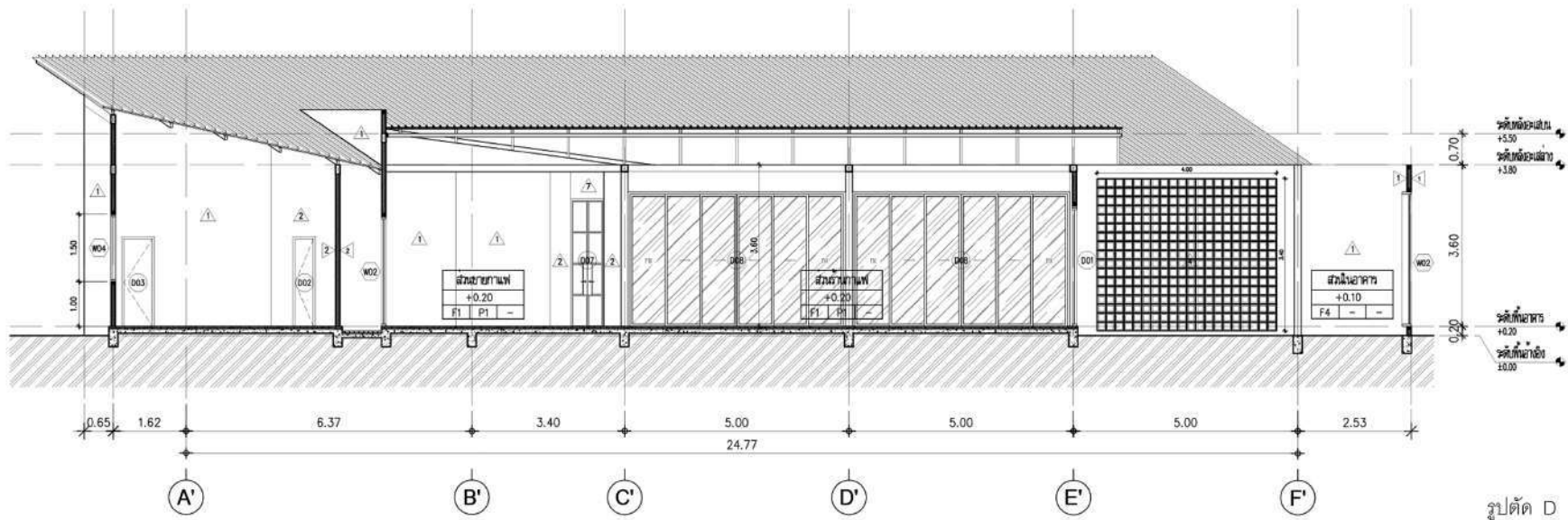
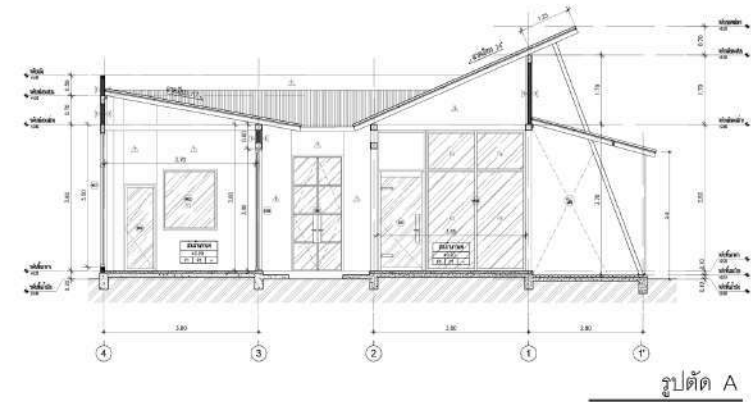
Open air space that connected with the first entrance in front of cafe and terrace connected with canal

The middle of cafe is a outdoor space this space can connected every space. they are complete with the trees feels like belong the Forrest.

Indoor space that connected with the second entrance from car park and the garden beside the cafe.

The architecture is constructed from real materials and created an environment with the nature to be a good feeling and relaxing.



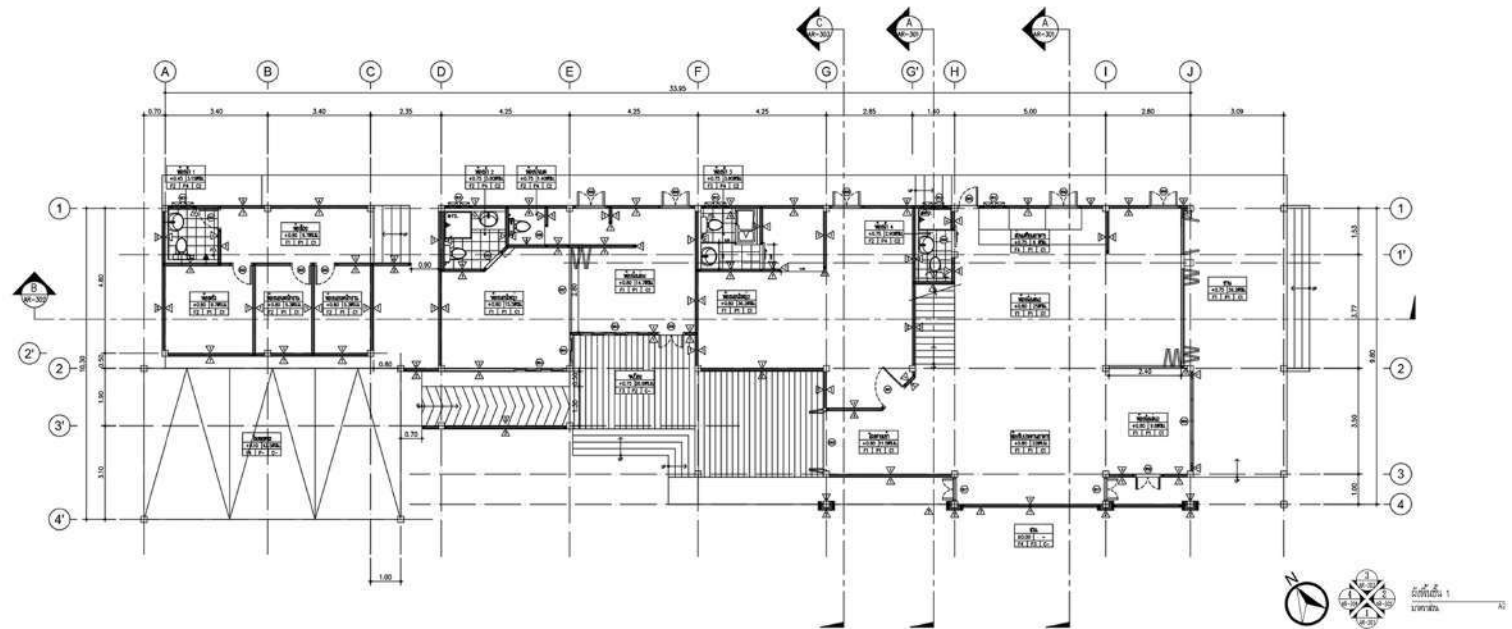


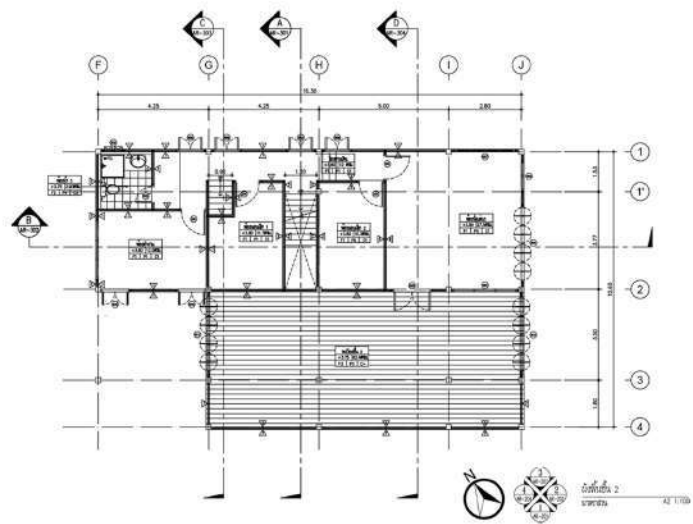
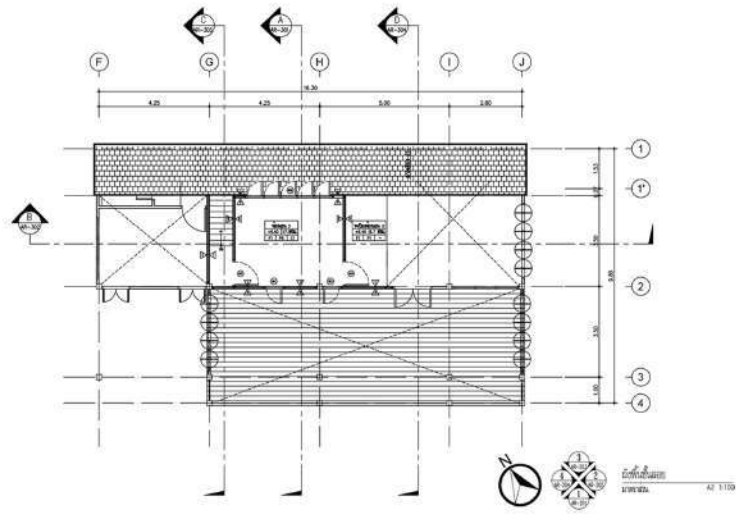
PATHUM House project



The project locates is in Sam khok, Pathumthani. behind are connect with Chao Phraya River So, this site it is a rectangle, attracted from direction road and river. Owner want to relaxing when they stayed at home.

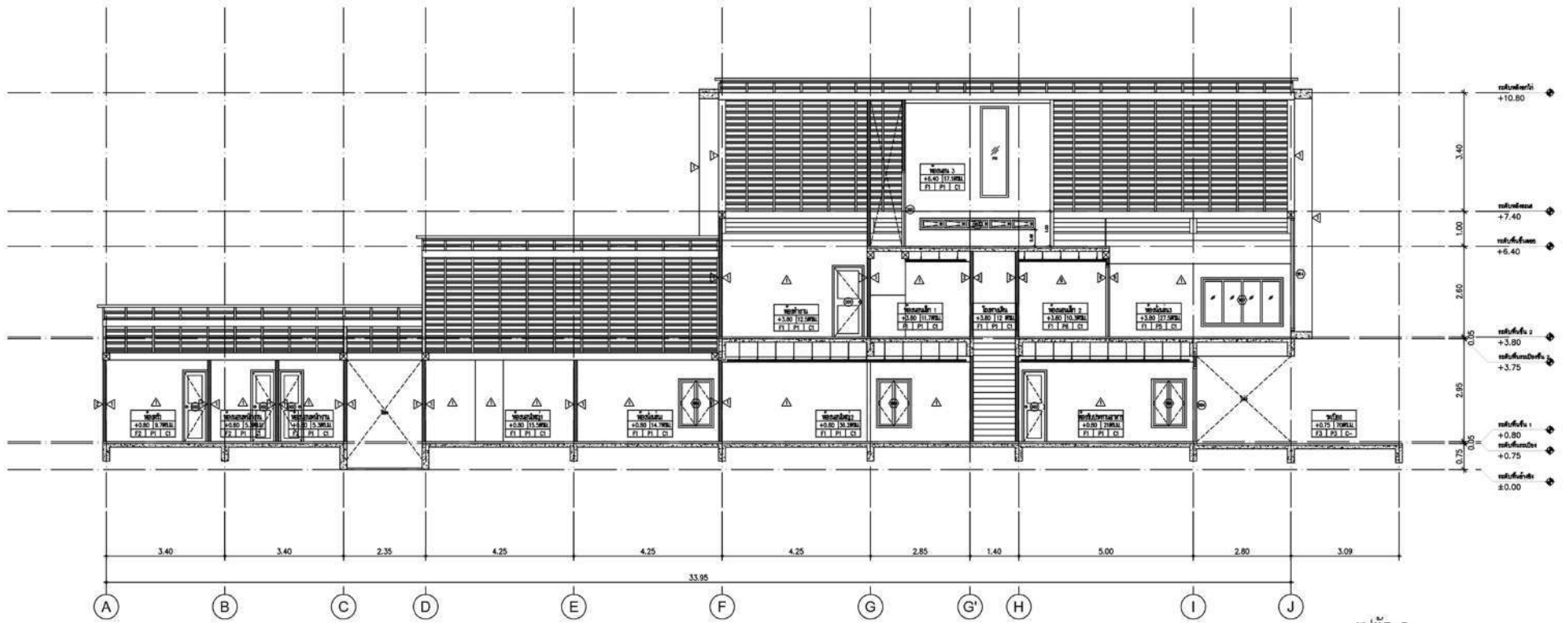
We have designed to contemporary mixed Thai style. Using a gable roof and open the area below like thai traditional home. one side of the house next to the river, there is a balcony.





The house has two floors and has one attic which is connected to the second floor.





รูปตัด B
มาตราส่วน A2 1:100



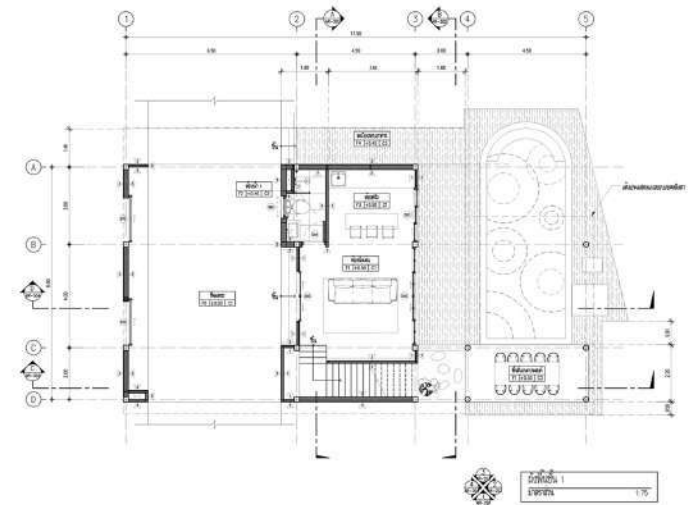
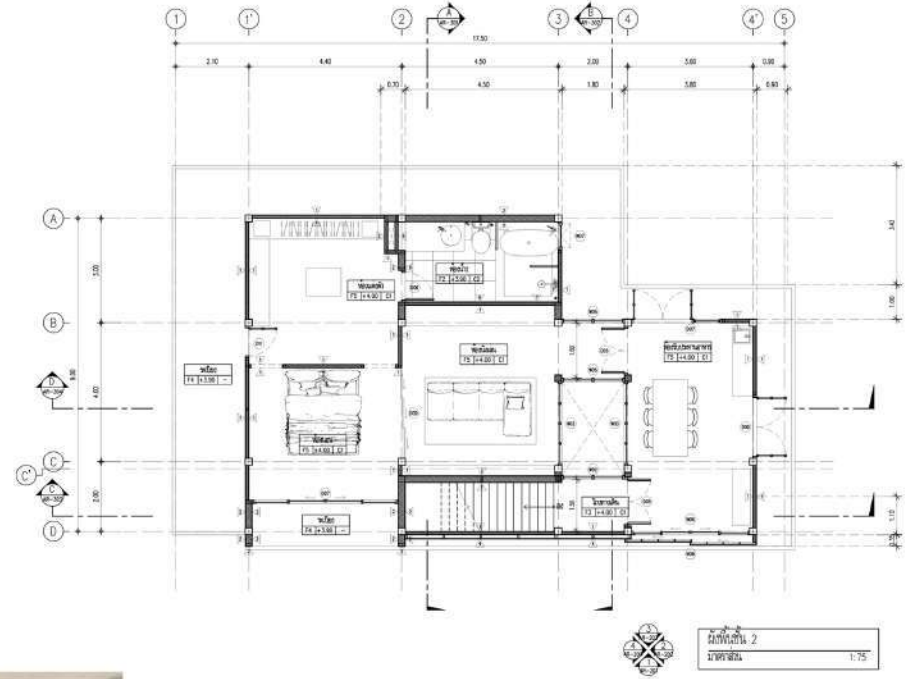
house no.64

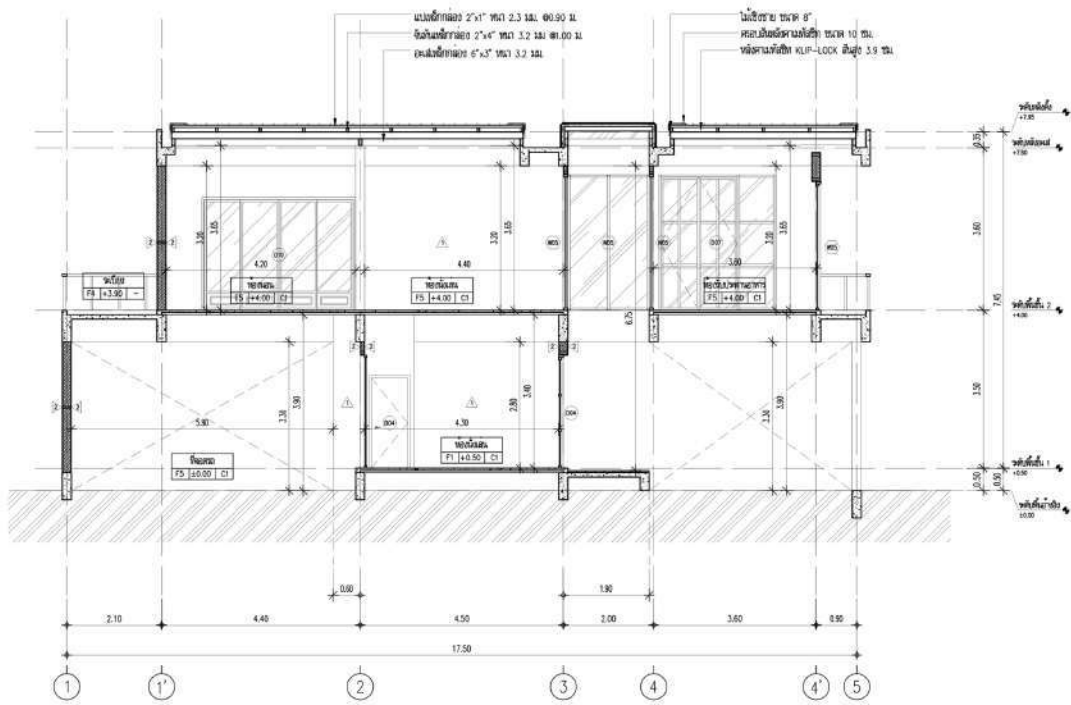
project

'club house' relaxing and living.

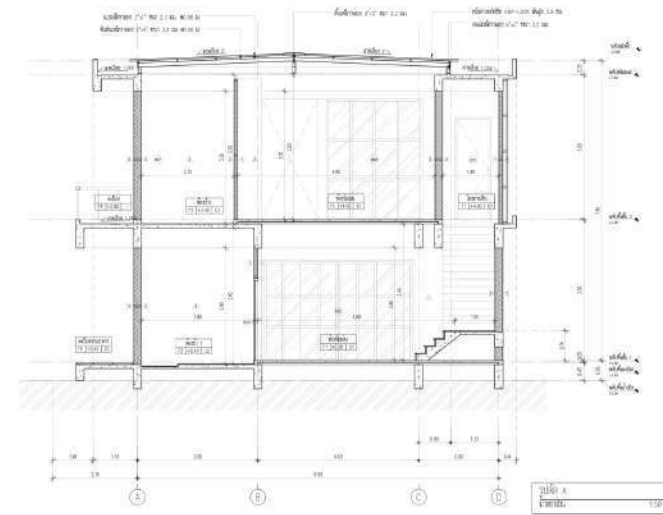
The owners wanted a home that would provide activities area for families. The program is split up into the distinct functional zones of the main house and club house

The main house contains the family living spaces and bedrooms, while club house contains owner bedroom, living and dining room on the second floor and they have living room, bar space, party space, outdoor dining and swimming pool on the ground floor.





รูปตัด D
1/75



รูปตัด A
1/75



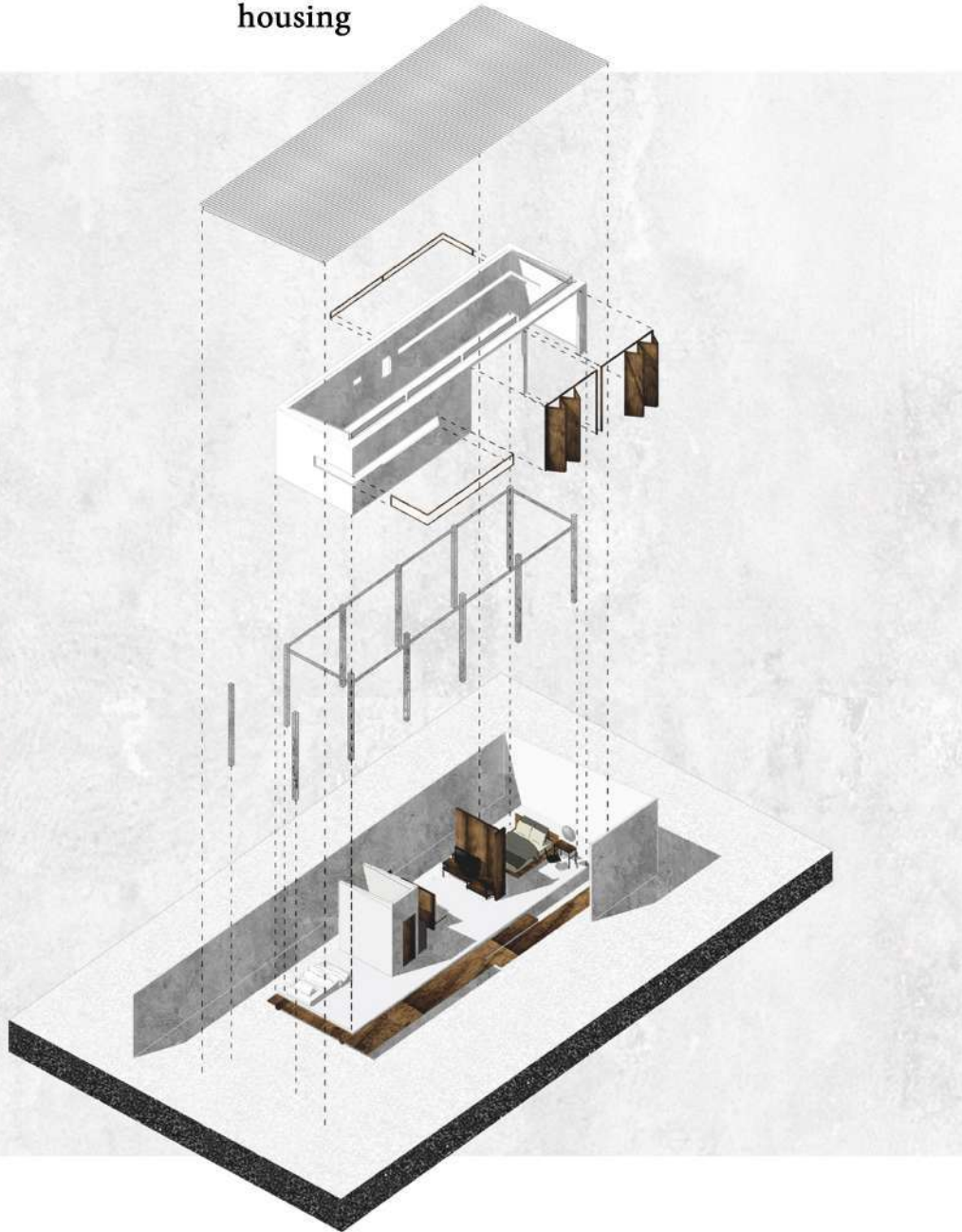
in the second floor, All function are connected in the single line. first function is dining room, next is living room they have double space between them. and next is a bedroom, closet and bathroom. the owner can walk through balcony that next to closet and bedroom.

the owner wanted a luxury interior design. So, architect designed the floor to be soft wood. The walls are almost white color with some black stones and black colors.





House no.9 housing

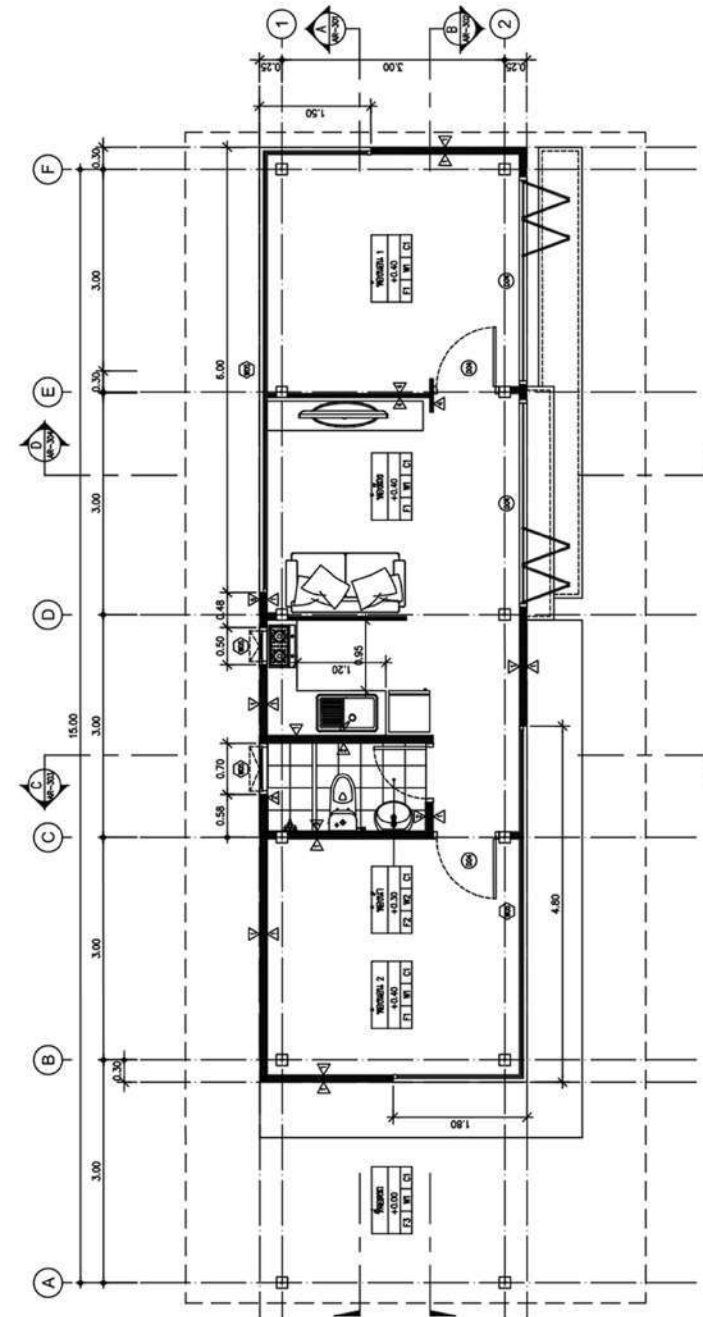


'The Little House'

This one-stoery house
I tried to make the house feel open
even the land space was limited.
So, I designed space int a line

first function is a public space
it is living room, bathroom
and kitchen. and have two
bed room in left and right

the structure
wall was offset from the column
to created more area in house
and long the mirror around house
for good view.



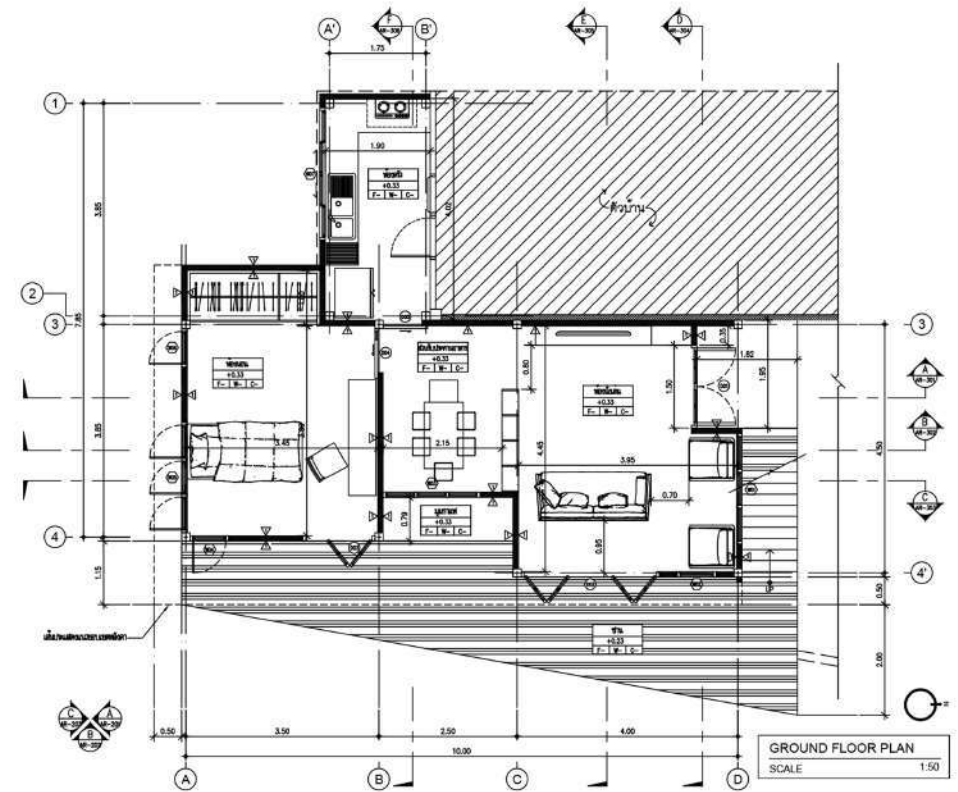


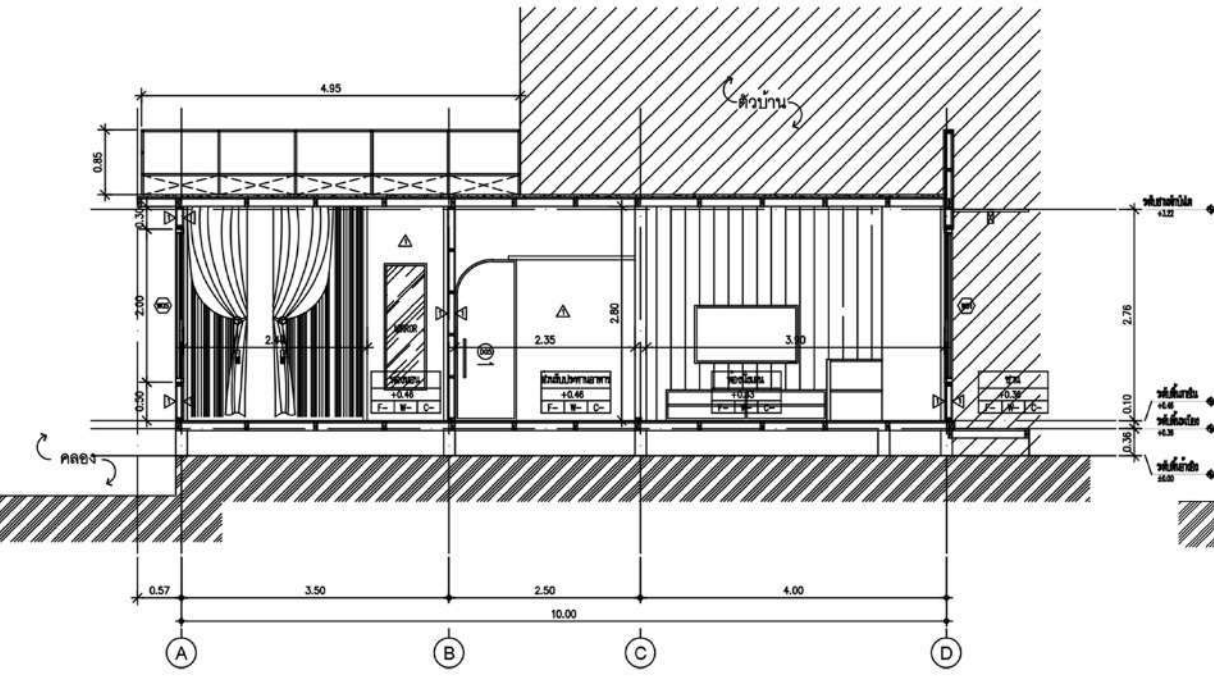
house 618

project

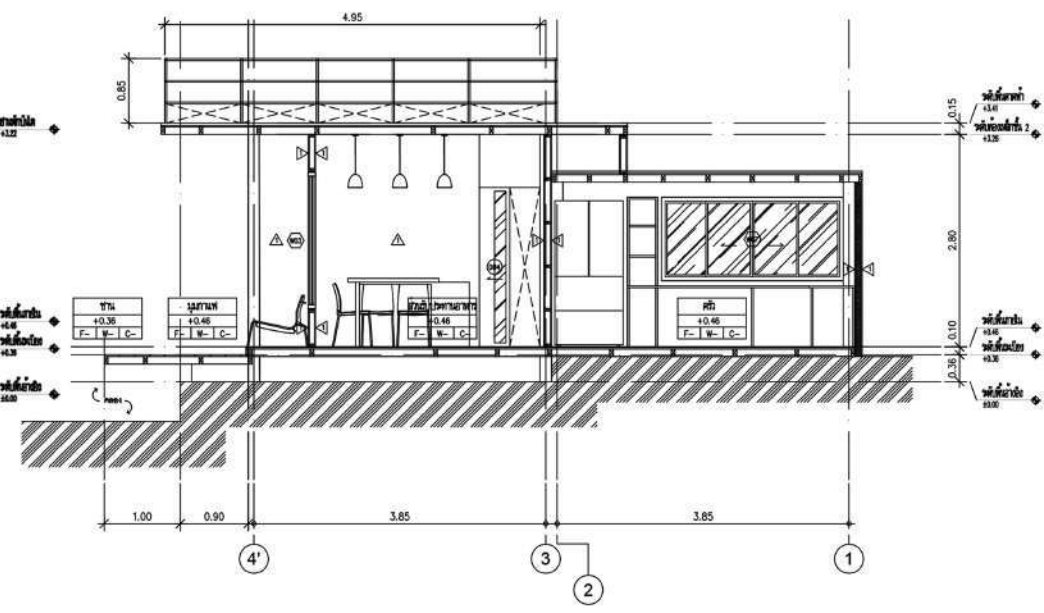
" Steel and Wood "

It was a word that owner said to me.
So, the owner wanted to increase
the usable space of the building by
adding it to the free space beside
the original building.





SECTION B
SCALE 1:50



SECTION F
SCALE 1:50

The whole structure of the project was chosen steel structure and smartboard. the limitations of access to space and be flexible.

The design emphasized to the context of a house. the canal is running through surround and vast beside house filled with large trees, that bringing into the side view of the house. And extended the balcony into canal for relaxing space.



we designed a stair in front of house for efficiently space on upper floor

Thank you.