ADIWIT CHANTHARANIMIT

ARCHITECTURAL PORTFOLIO

2016 - 2019

ADIWIT CHANTHARANIMIT
(อดิวิศว์ จันทรนิมิตร)

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adiwit.c@gmail.com

Recently graduated from a faculty of architecture, Silpakorn University. Looking to leaverage my knowledge and start my career experience as an architect.

Skills

Architectural Software
Autodesk Revit
Autodesk Autocad
Sketchup
Adobe Photoshop

Graphic
Adobe Photoshop
Hand Drafting

3D Render
Lumion
Enscape

Microsoft Office (Word, Powerpoint, Excel)
Content Writing

Personal

Date of Birth : 3 April 1996
Nationality : Thai
Language : English, Thai

Education

2014 - 2019 : Faculty of Architecture
Silpakorn University
2008 - 2014 : Phiriyalai School Phrae

Intership / Experience

2018 : Internship at Design District Studio
2017 : Thung Na Ta Pin Construction Camp

Other Experince

2018 : Script Writer of Arch SU Play
"The Murderer Says"
2017 : RIM (Rethink in-between the Margin)
Exhibition
"One Drop of Water"

Contact
Facebook : Adiwit Jobb Chantharanimit
Line : adiwitjob

Content

01 : Elederly Sport Conplex & Knowledge Center
(Thesis : 2019)

02 : Bangkok Sky Tree
(High Rise : 2018)

03 : S4 Community Mall
(Shopping Mall : 2017)

04 : Magic Land Kindergarten School
(School : 2016)

05 : Redesigned Bangpu Bridge
(Landscape Design : 2018)

06 : 3 Courtyard House
(Small House : 2014)

07 : 3D Rendering

01 Elederly Sport Complex & Knowledge Center

Thesis (2019)

The intention of this study is to design an architecture for elderly in city context. The architecture was designed to solve an elderly crisis in Bangkok.

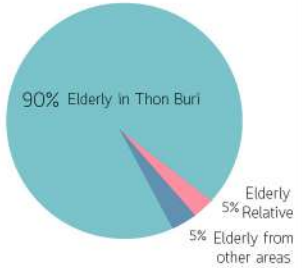
Instead of design a nursery center for elderly, I try to give elderly alternate choices of activities in a day. The architecture was designed to be a place where they can spend time at day working out to keep themself healthy, improving their knowledge, being active and socailize. All of activities can prevent them form aging diseases

The architecture is mainly consisted of life quality improvement related programs such as a fitness gym, a sport hall, a spa, a workshop center and a cooking school

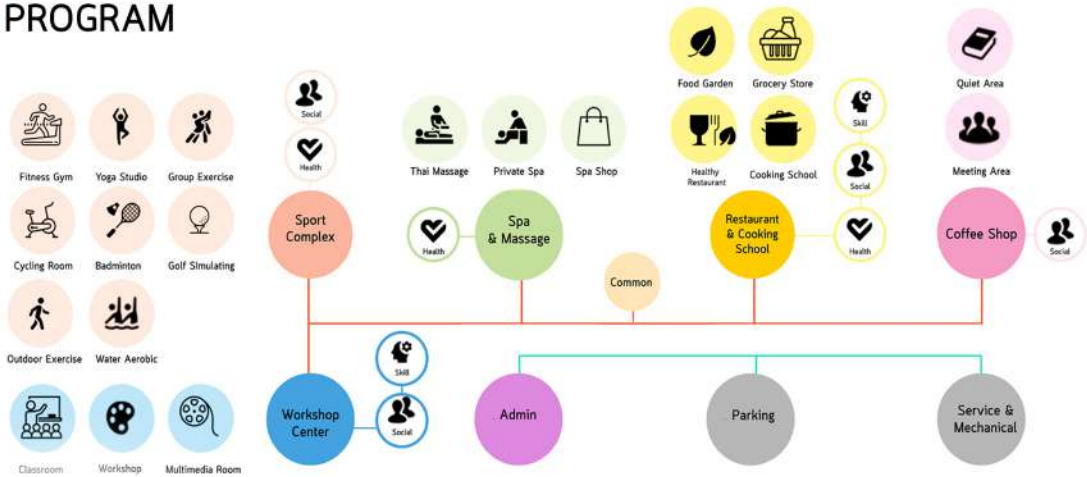
SITE : Thon Buri, Bangkok

USER

Main Users are elderly aged between 60 - 70 years

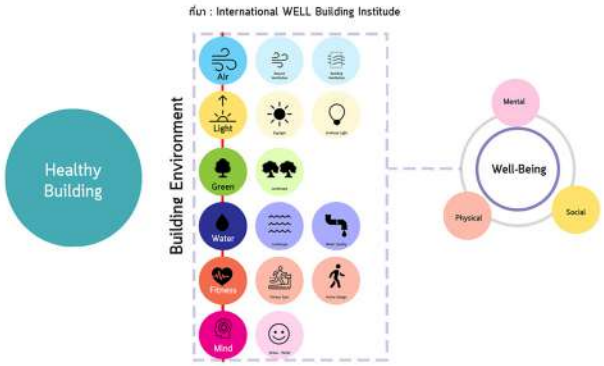


PROGRAM



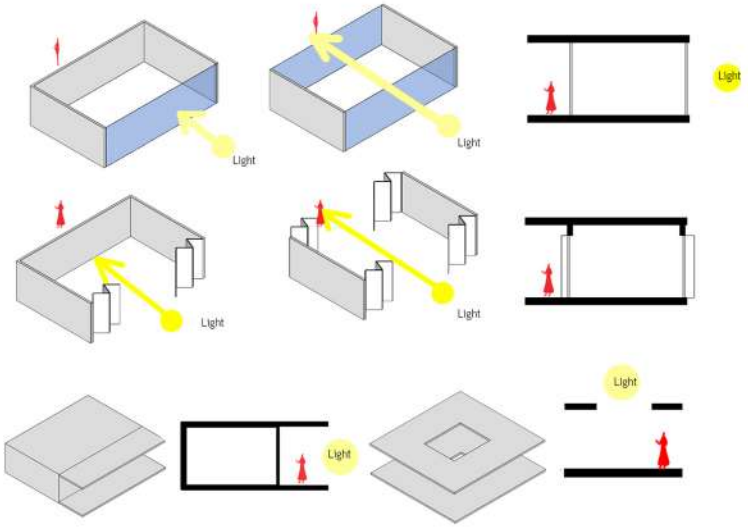
CONCEPT : HEALTHY BUILDING

Referred to WELL Building Institute. The healthy building is the building which promote healthy behaviors of building users by activities inside building, environment and and designed elements of architecture



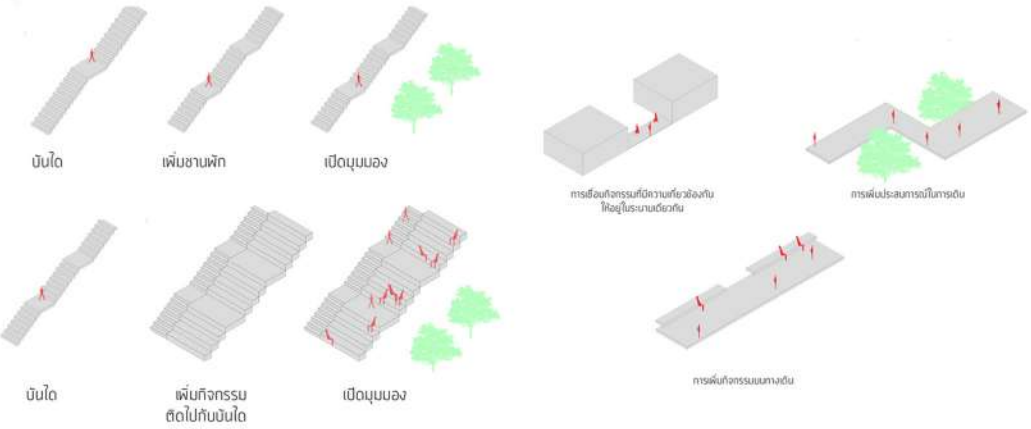
Light

Designed natural light can keep elderly active and safe



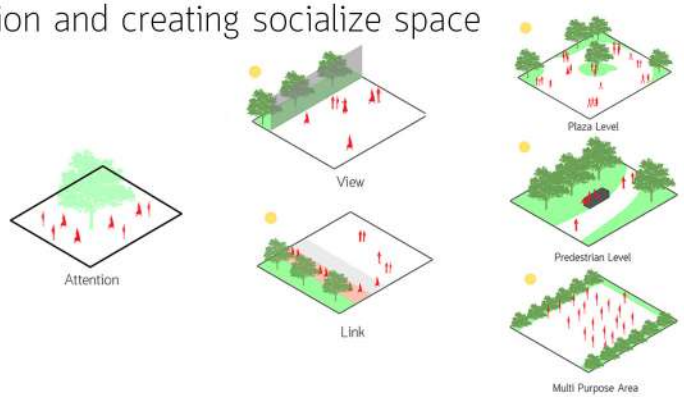
Fitness

Promote physical activities. The elderly can work out through elements of architecture such as stairs and corridors



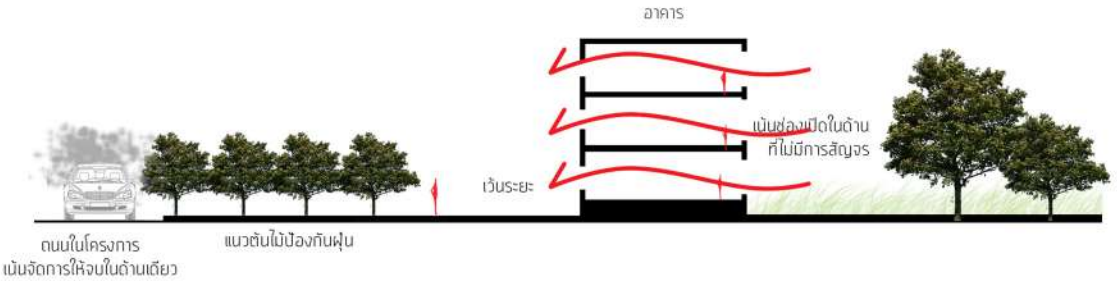
Green

Provide green space in site. Green space can be used for relaxation and creating socialize space



Air

Provide good air quality and good ventilation



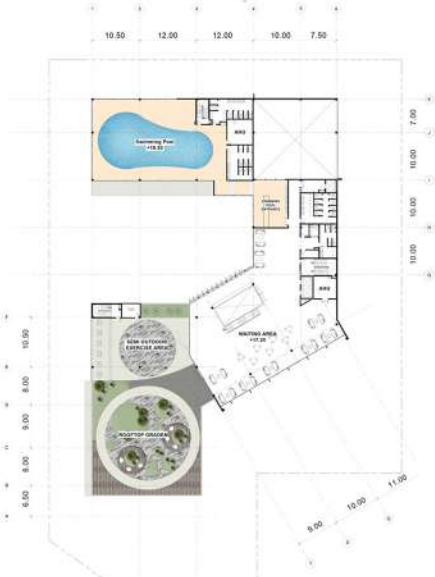
GROUND FLOOR PLAN

2nd FLOOR PLAN

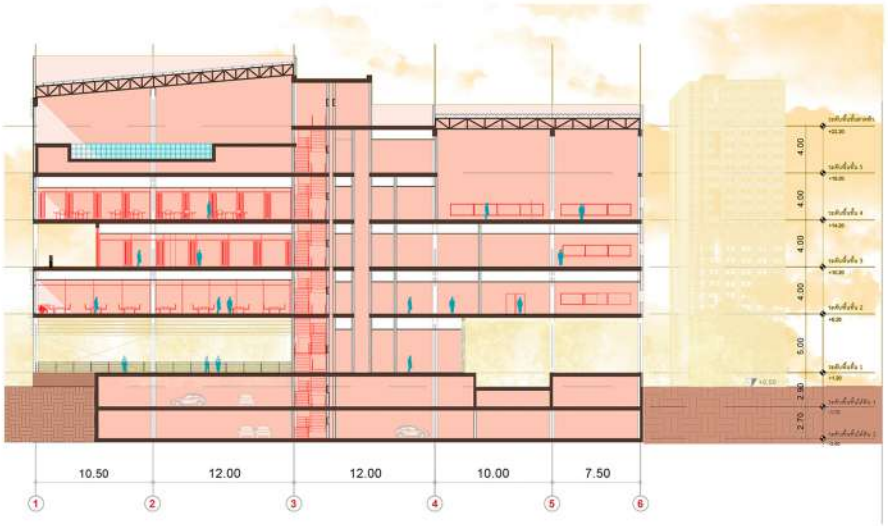
3rd FLOOR PLAN

4th FLOOR PLAN

5th FLOOR PLAN



SECTION 1



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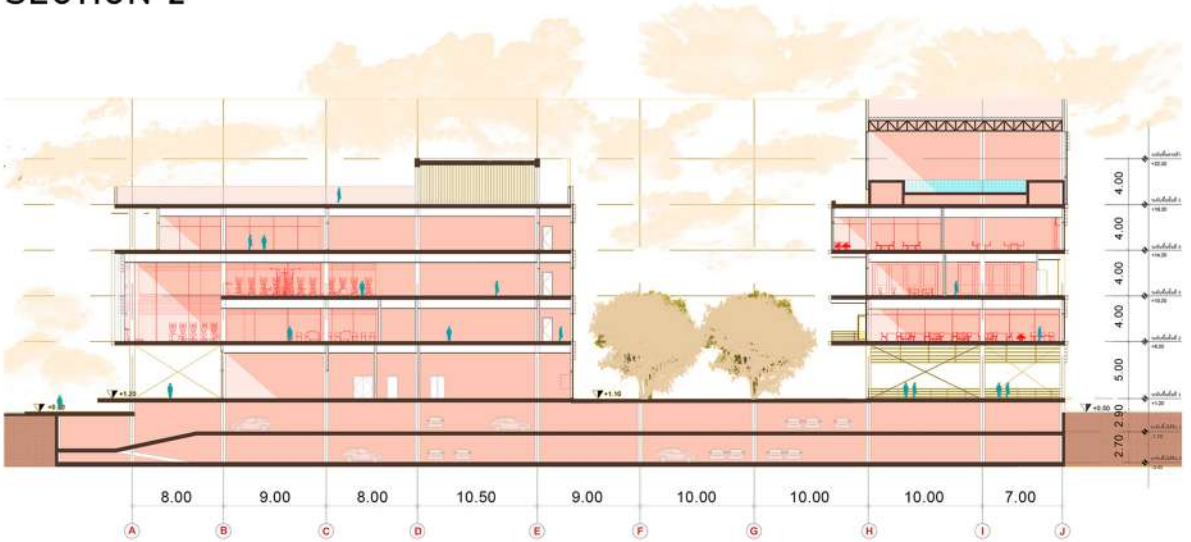
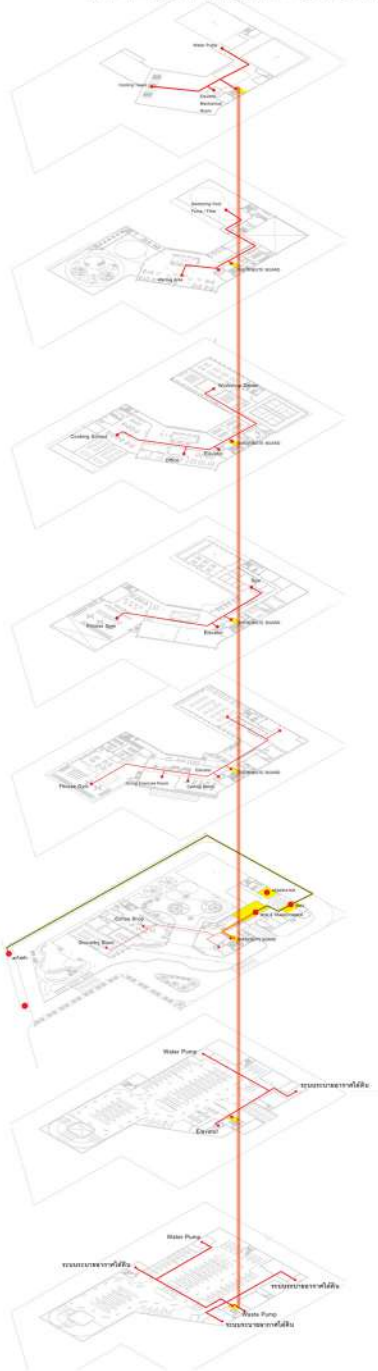


ELEVATION 1

ELEVATION 2

ELECTRICAL SYSTEM



6th Floor
- Elevators
- Elevators Mechanical Equipment
- Cooling Towers
- Compressed Air System
- Water Pump

5th Floor
- Elevators
- Lighting
- HVAC System
- Swimming Pool Mechanical Equipment

4th Floor
- Elevators
- Lighting
- HVAC System

3rd Floor
- Elevators
- Lighting
- HVAC System
- Fitness Equipment

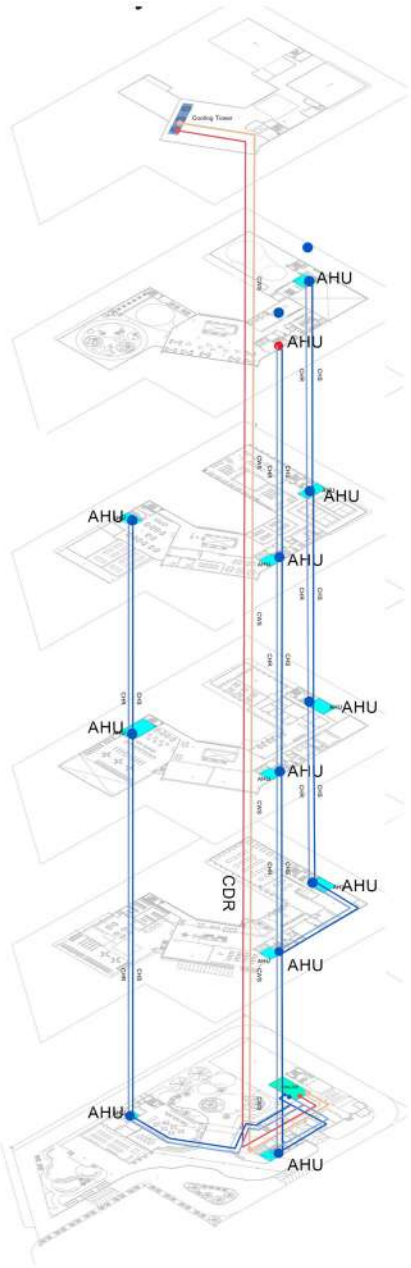
2nd Floor
- Elevators
- Lighting
- HVAC System
- Fitness Equipment

1st Floor
- Elevators
- Chiller Room Mechanical Equipment
- Lighting
- HVAC System

1st Basement Floor
- Elevators
- Upfeed Water Pump
- Compressed Air System
- Lighting

2nd Basement Floor
- Elevators
- Upfeed Water Pump
- Compressed Air System
- Lighting

HVAC SYSTEM



6th Floor Plan

5th Floor Plan

4st Floor Plan

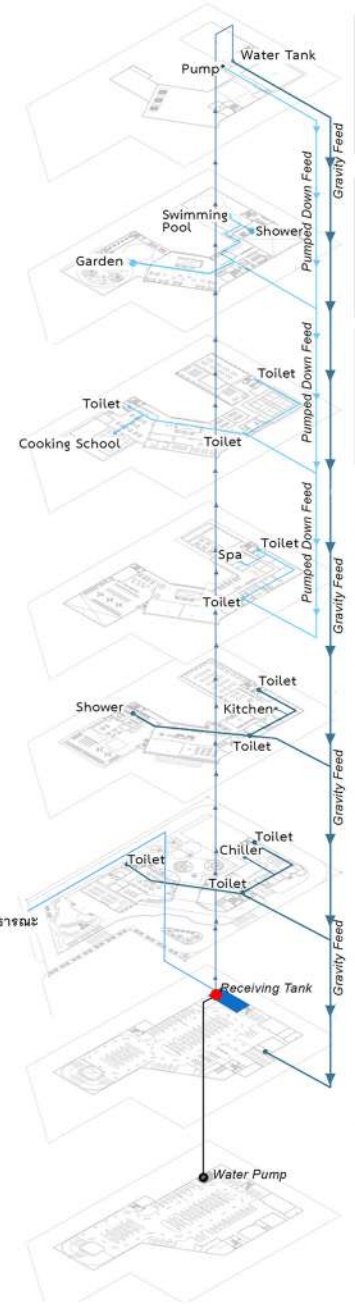
3rd Floor Plan

2nd Floor Plan

1st Floor Plan

CHILLED WATER RETURN
CHILLED WATER SUPPLY
CONDENSER WATER RETURN
CONDENSER WATER SUPPLY

PLUMBING SYSTEM



6th Floor
- Water Tank

5th Floor
- Swimming Pool
- Rooftop Garden

4th Floor
- Toilet
- Cooking Studio

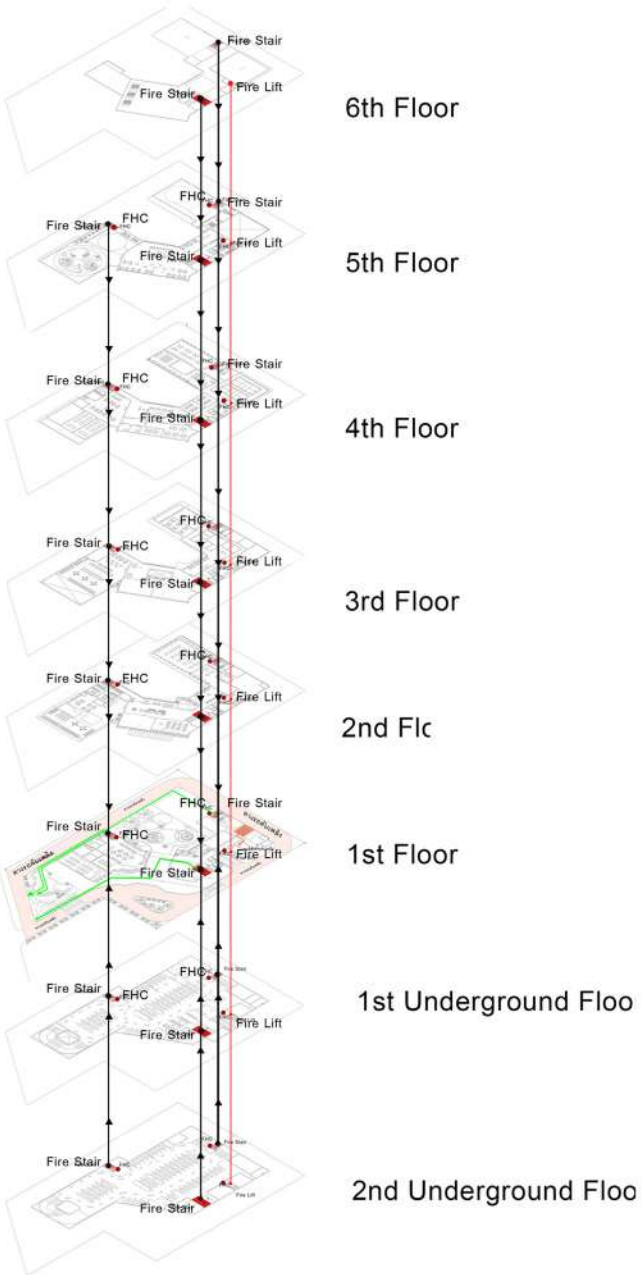
3rd Floor
- Toilet
- Spa

2nd Floor
- Toilet
- Kitchen
- Shower

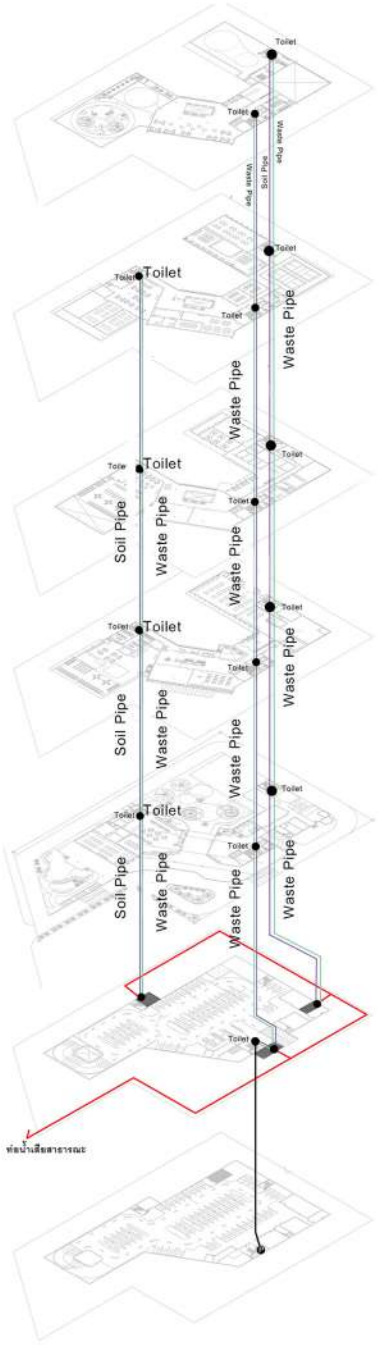
1st Floor
- Toilet
- Chiller

1st Basment Floor
- Toilet

FIRE ESCAPING



WASTE MANAGEMENT



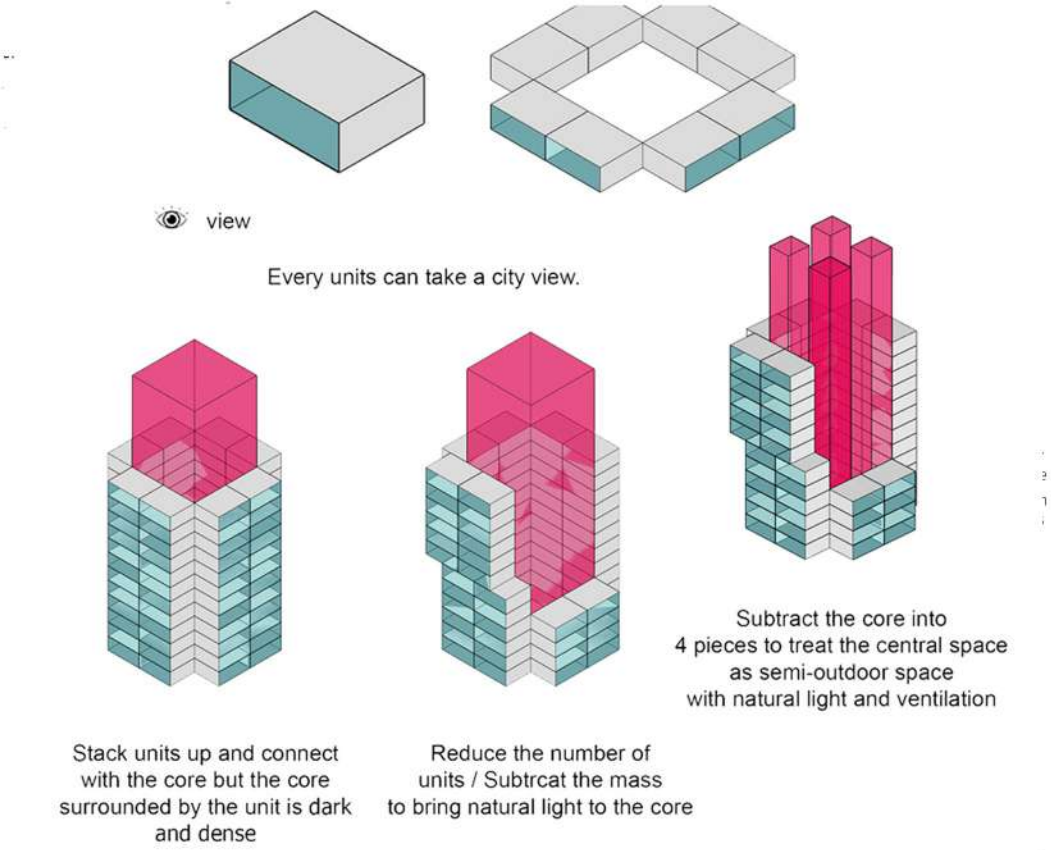
PERSPECTIVE

INTERIOR PERSPECTIVE

02 Bangkok Sky Tree

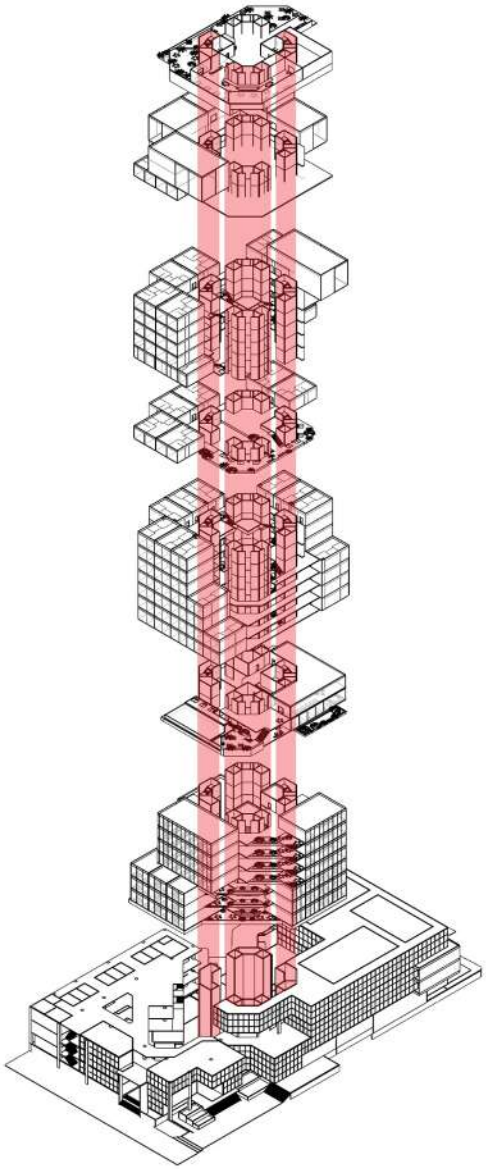
Mixed-Use High Rise (2018)

Bangkok Sky Tree is a mixed-use high rise located in Asok consisted of a shopping mall and ballrooms as a podium. Offices and residential unit as a tower along with other facility such as fitness, swimming pool, roof top restaurant



The cores of builing was designed to located in a middle of building so every units can take a city view. The cores are divided into 4 cores for different function zone. The cores structures are also treated as a sculpture making building's mass looks more iconic.

AXONOMETRIC



Rooftop
: Bar / Pool

High Level
: Residential /
Penthouse

Belt Level 2
: Outdoor Green Space

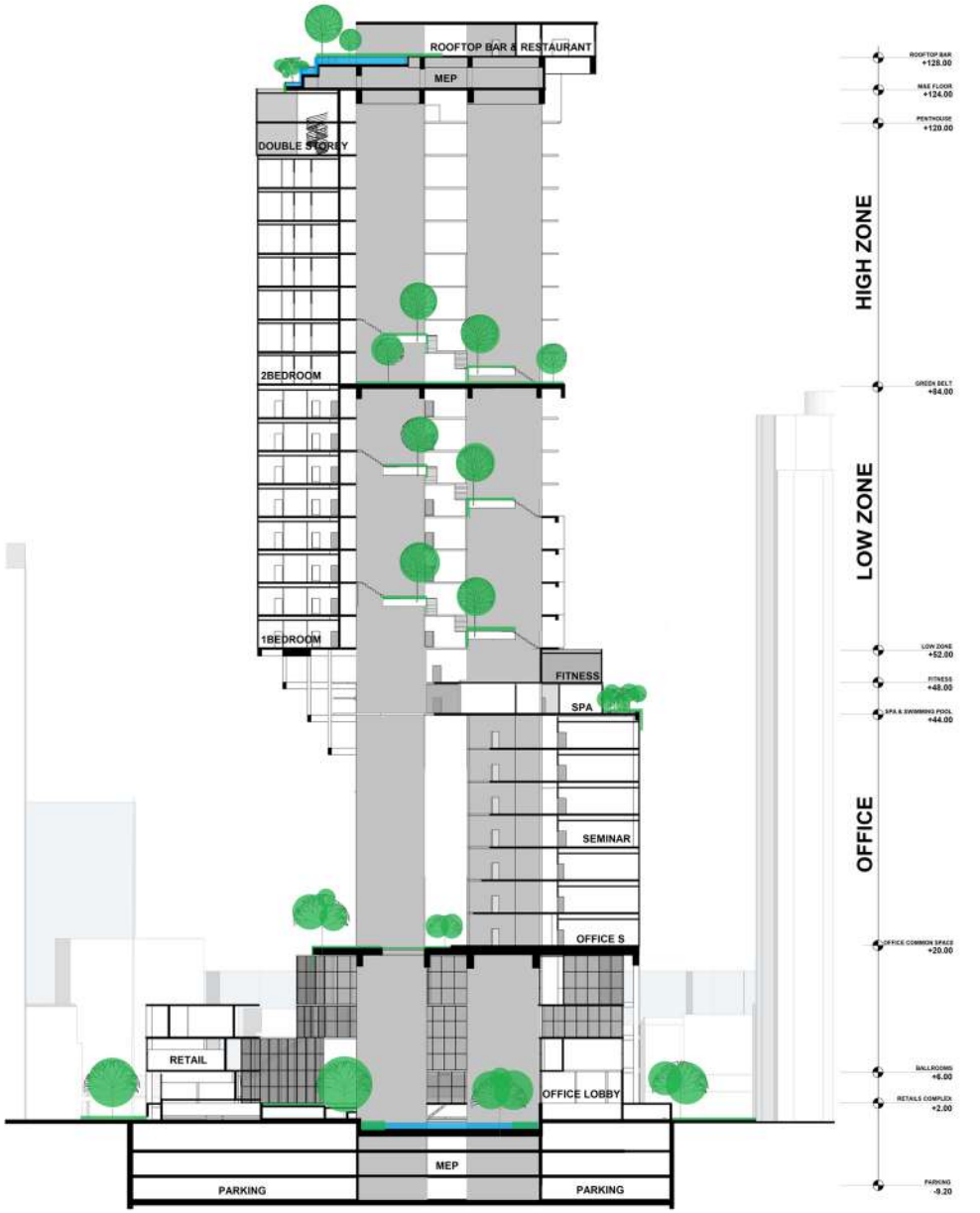
Mid Level
: Residential

Belt Level 1
: Spa / Fitness / Pool

Low Level
: Office

Podium Level
: Parking / Retail / Ballroom

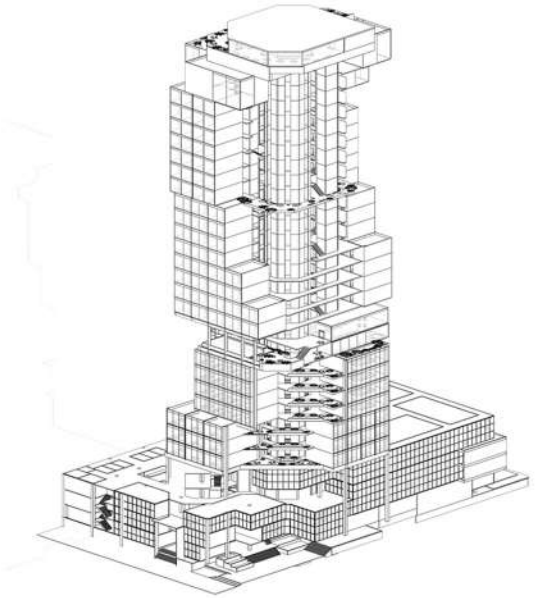
SECTION



Red Highlight : Cores
These 4 Cores are main structures of this building.
This building have belt floors to prevent main structures from being too slender.

ELEVATION

ISOMETRIC



PLAN

UNIT A1
1 BEDROOM CORNER

UNIT A2
1 BEDROOM BALCONY

UNIT A3
1 BEDROOM MIDDLE

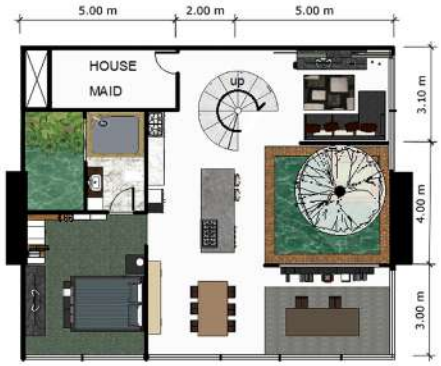
UNIT B1
2 BEDROOM CORNER

1 BEDROOM UNIT

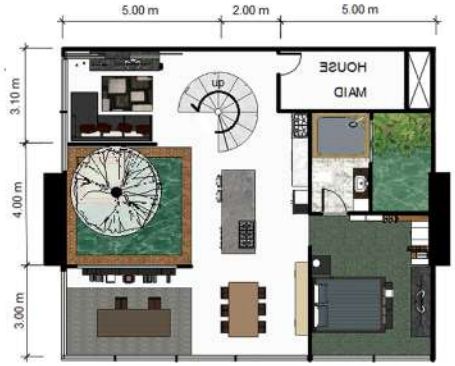
2 BEDROOMS UNIT

UNIT C1 UPSTAIR
DOUBLE STOREY UPSTAIR

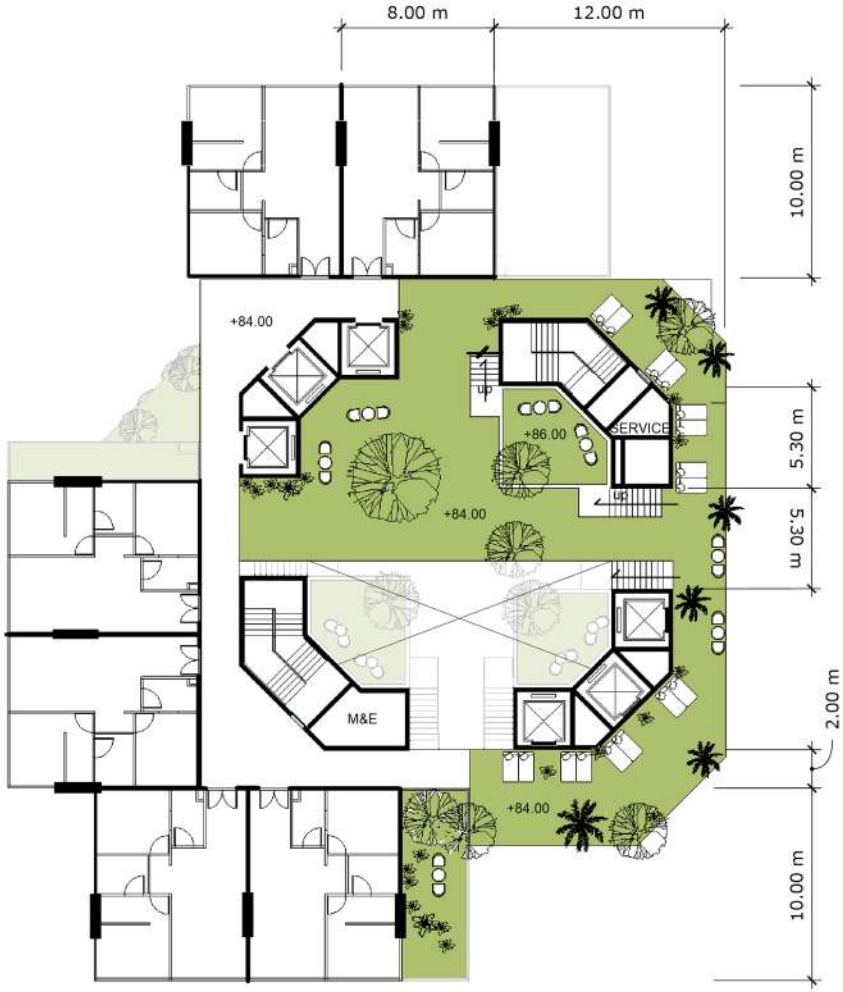
UNIT C2 UPSTAIR
DOUBLE STOREY UPSTAIR



UNIT C1 DOWNSTAIR
DOUBLE STOREY DOWNSTAIR



UNIT C2 DOWNSTAIR
DOUBLE STOREY DOWNSTAIR



21th FLOOR PLAN
GREEN BELT

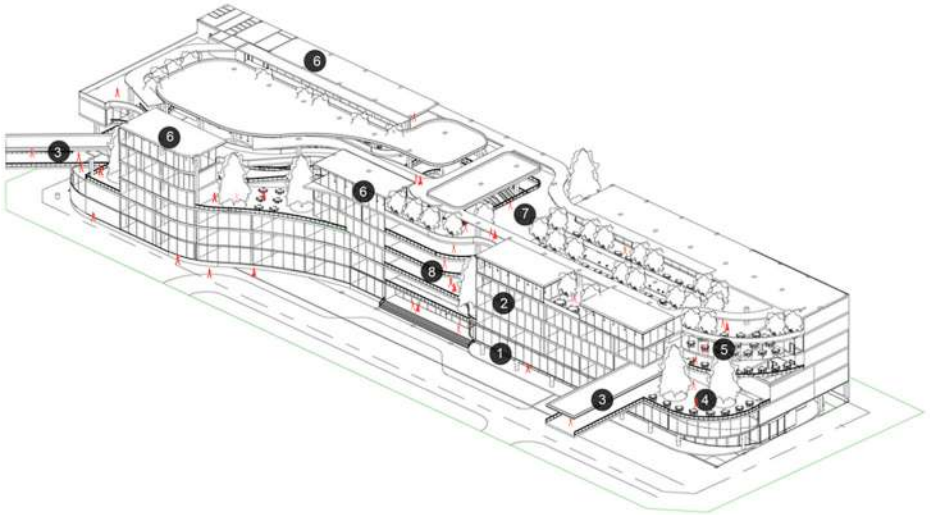
MODEL & PERSPECTIVE

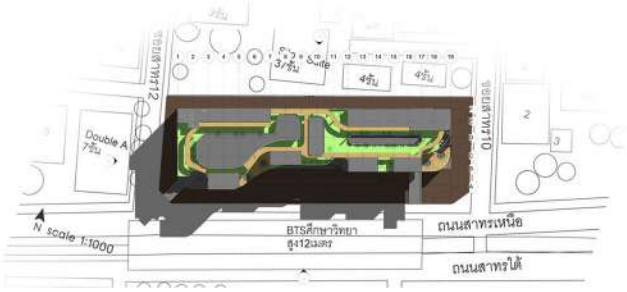
03 S4 Community Mall

Community Mall (2017)

S4 community mall is located in Sathorn. The owner wants S4 to be iconic community mall for people who travel by. The shopping mall is connected to Sathorn BTS station directly so people can easily access from the station. The community mall was divided into three zones. Supermarket on the ground floor. Shopping Mall on the thrid floor (can be accessed from BTS) and Rooftop Restaurant. It was divided by the open - close time so these zones can be opened and closed at different time which can keep community mall active from morning until midnight

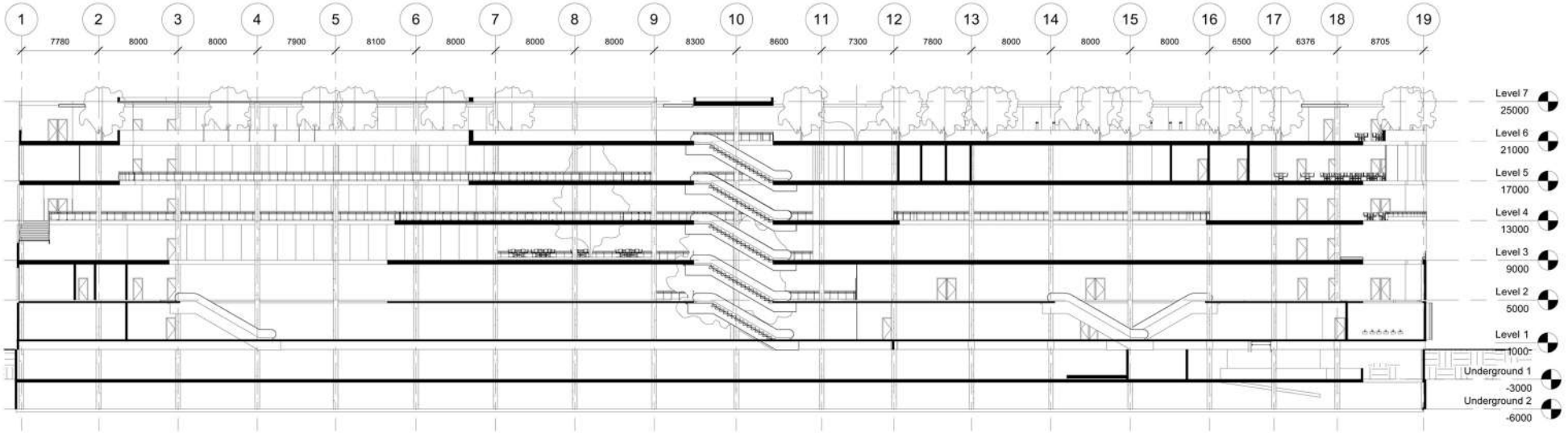
ISOMETRIC





1. Supermaket
2. Mall (Retails & Restaurants)
3. BTS Station Entrance
4. Green Common Spaces
5. Food Center
6. Bar / Restaurant
7. Green Roof

SECTION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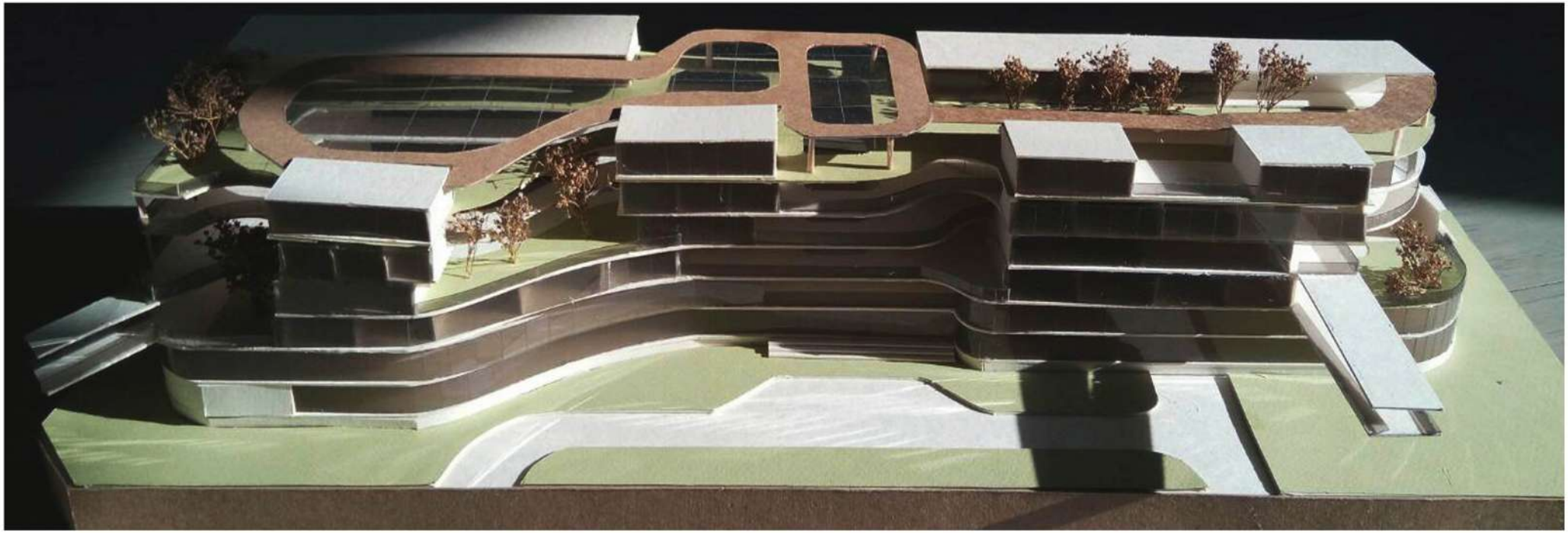
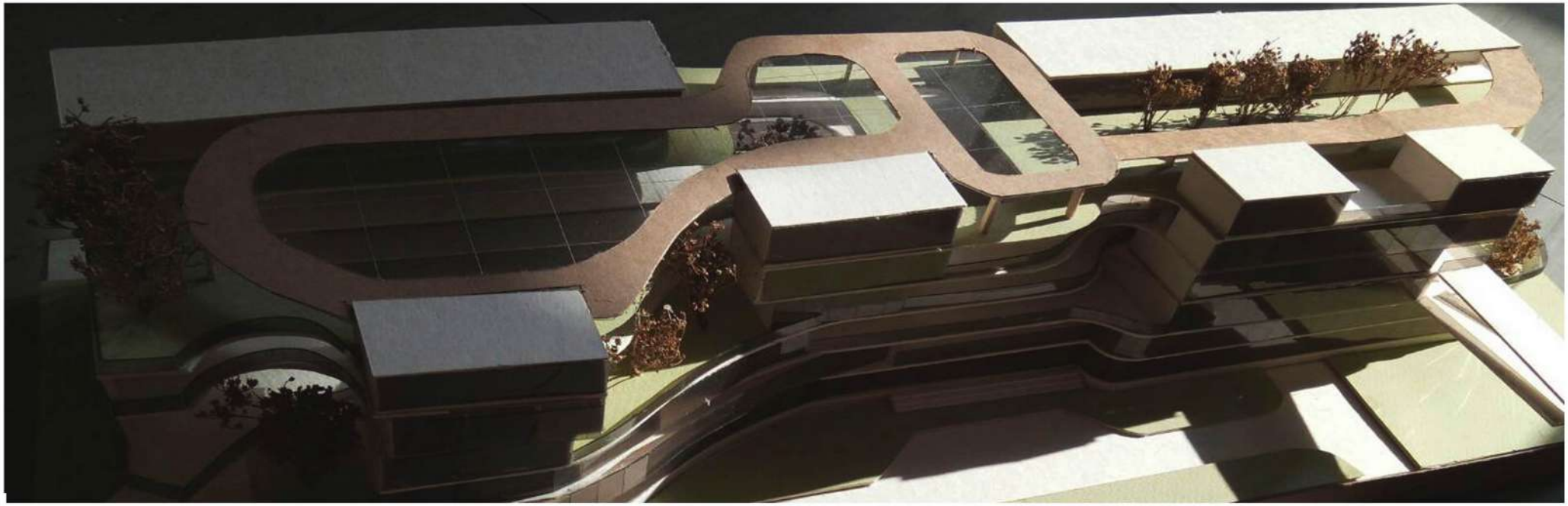
6500
6376
8705
Level 7
25000
Level 6
21000
Level 5
17000
Level 4
13000
Level 3
9000
Level 2
5000
Level 1
1000
Underground 1
-3000
Underground 2
-6000

S4 COMMUNITY MALL
UNI QLO
Kinokuniya
MUJI
無印良品

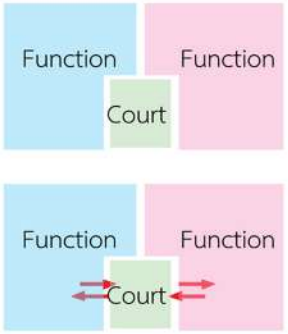


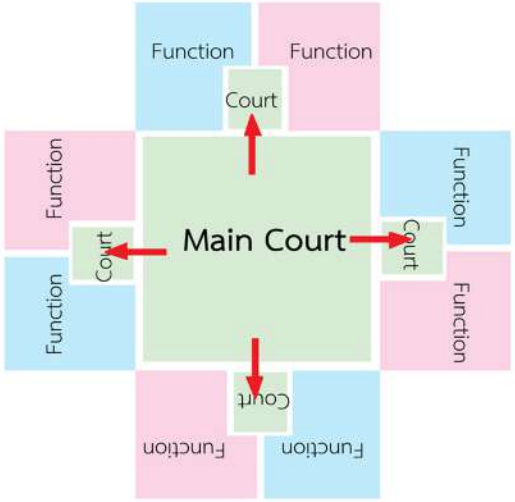


04 Magic Land Kindergarten School

Kindergarten School (2016)

The project site used to be an amusement park called "Dan Neramit" with an old existing castle. The architecture was design by using a surrounded space as a main circulation. Children tend to move more freely in a surrounded space like a courtyard while teachers can observe children more easily than using linear corridors. The courtyard can also use as a space to hold some activities for children. The architecture massing was designed referred to how children draw a house with a rectangle and a triangle. It turned out to be a group of modern barn house buildings.





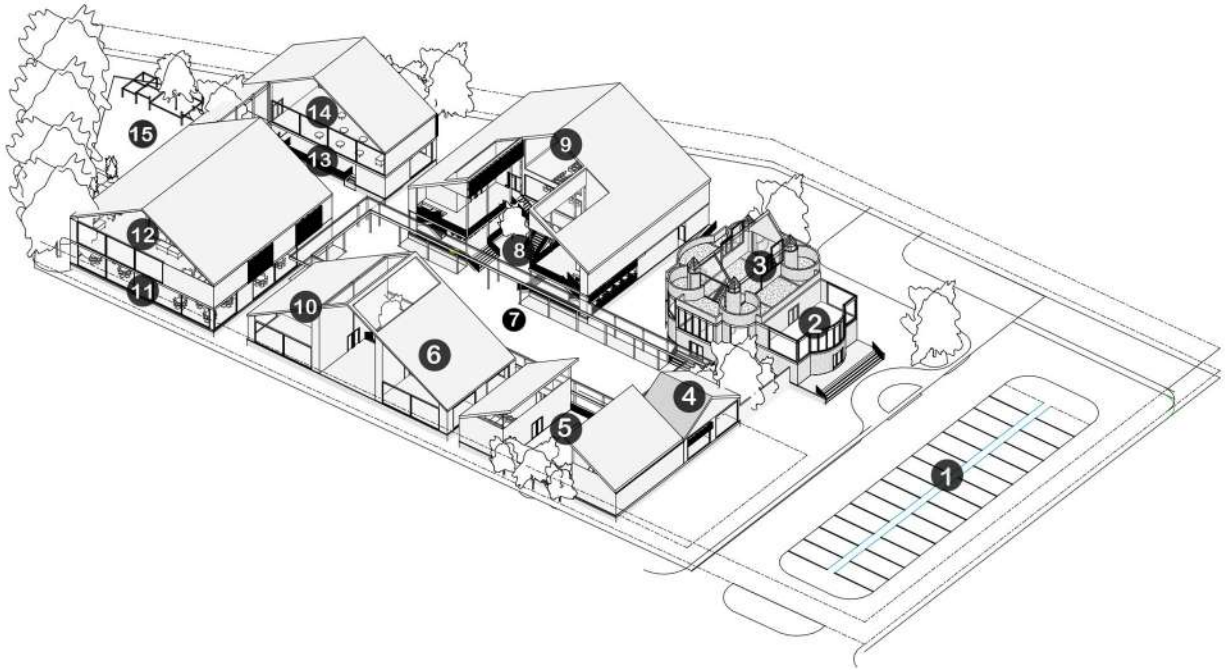
Every groups of functions have their own pocket courtyard which can connected to a main court

North Elevation

West Elevation

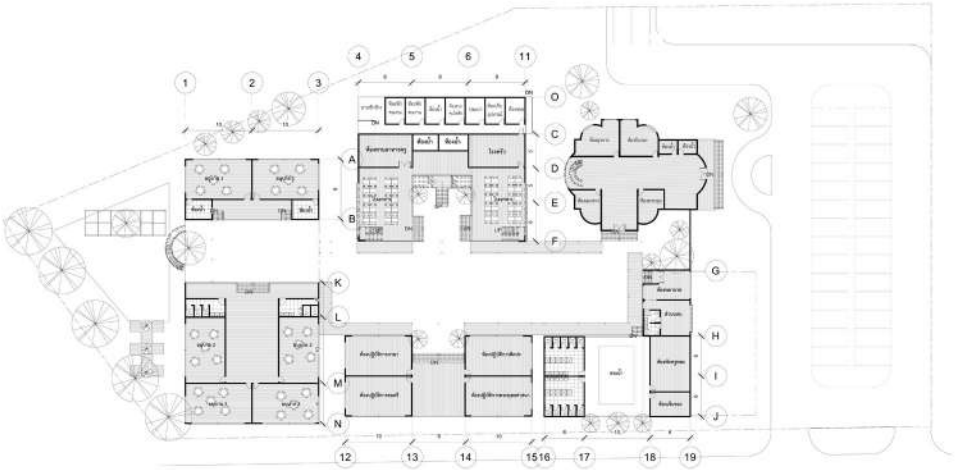
South Elevation

East Elevation

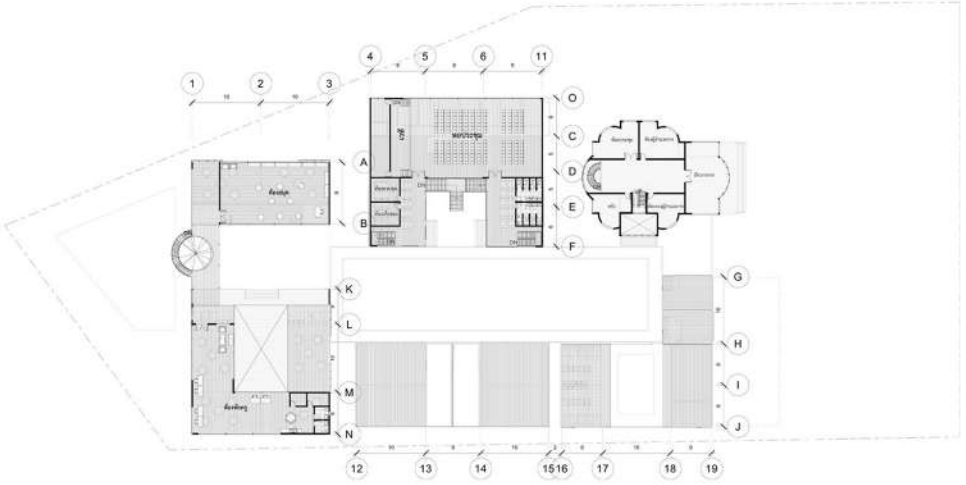


1. Parking Lots
2. Greenhouse
3. Grand Hall & Principal's Office
4. Nurse Room
5. Swimming Pool
6. Art Room & Religious Room
7. Main Courtyard
8. Canteen
9. Meeting Hall
10. English Room & Music Room
11. Classrooms
12. Teacher's Office
13. Classrooms
14. Library
15. Playground

1st Floor Plan



2nd Floor Plan

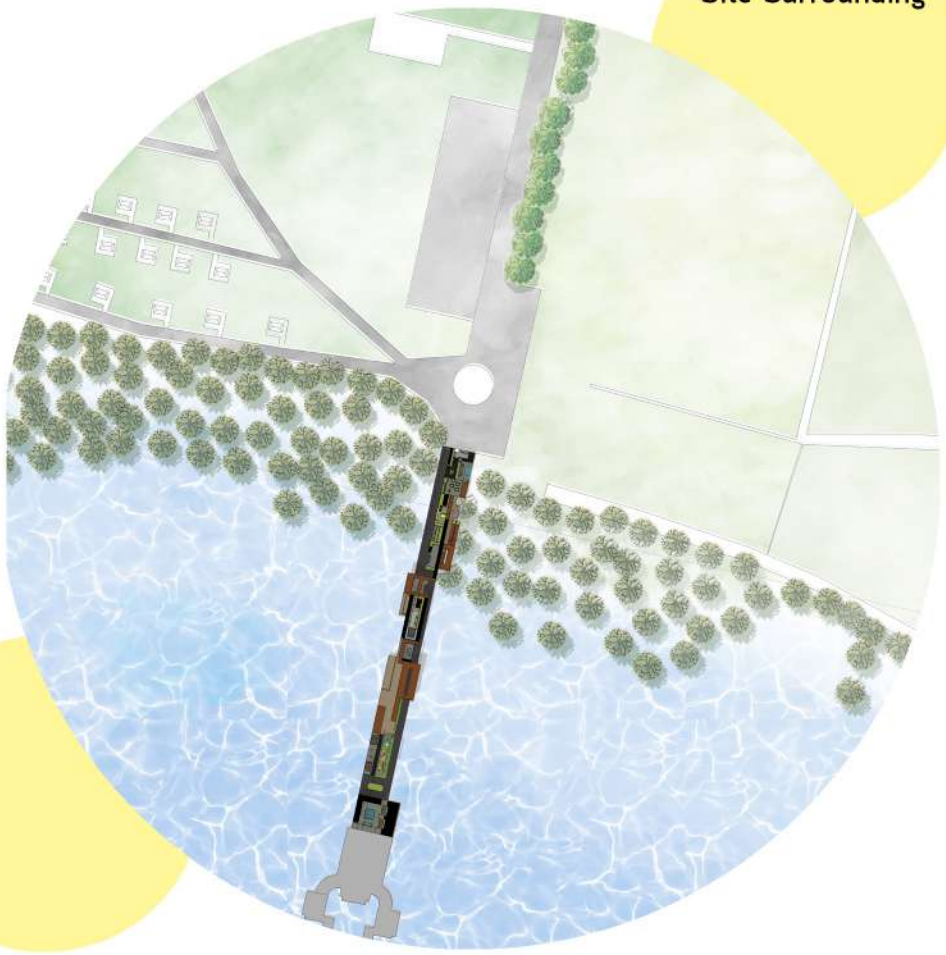


05 Redesigned Bangpu Bridge

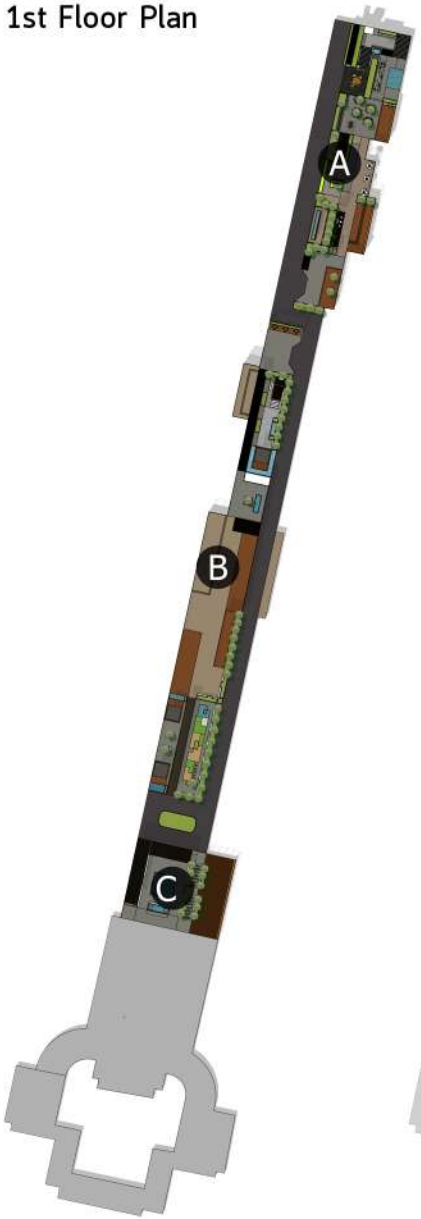
Landscape Design

The project objective is redesigning Bangpu bridge to solve existing problems. Bangpu is very well known for its bird feeding point. The problem is an overlap of p people, birds and cars circulation which usually endangers birds. The problem can be solve by designing the bridge. Organizing circulations to prevent them from crossing each others. Preparing a space for bird feeding can keep birds in safe area and also can change their behaviors. The bridge is also designed as a new park for people nearby which contains a lot of pocket garden space while people can still fully observe a view of Bangpu like they used to.

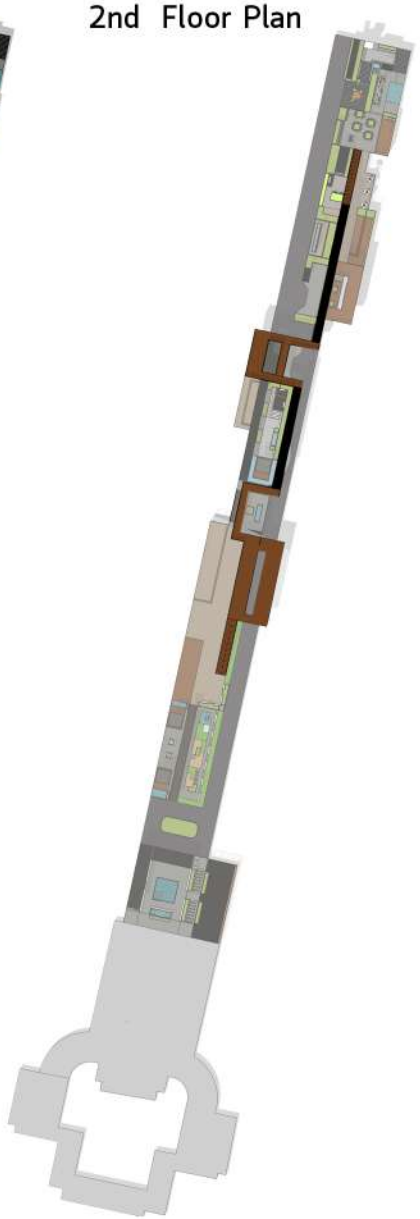
Site Surrounding



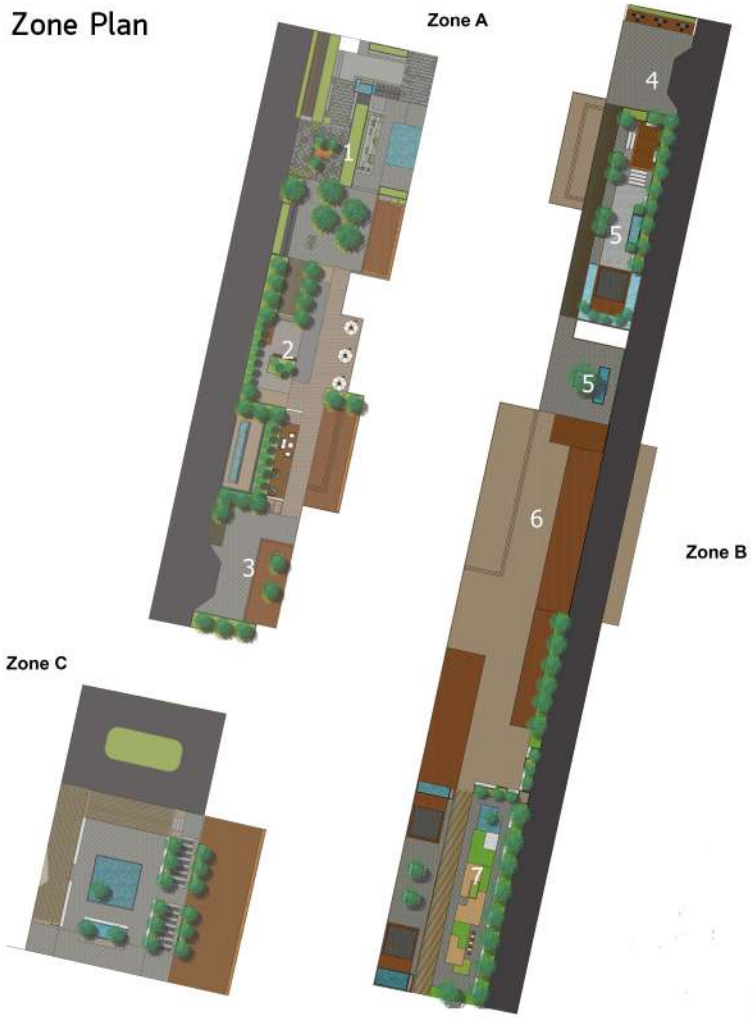
1st Floor Plan



2nd Floor Plan



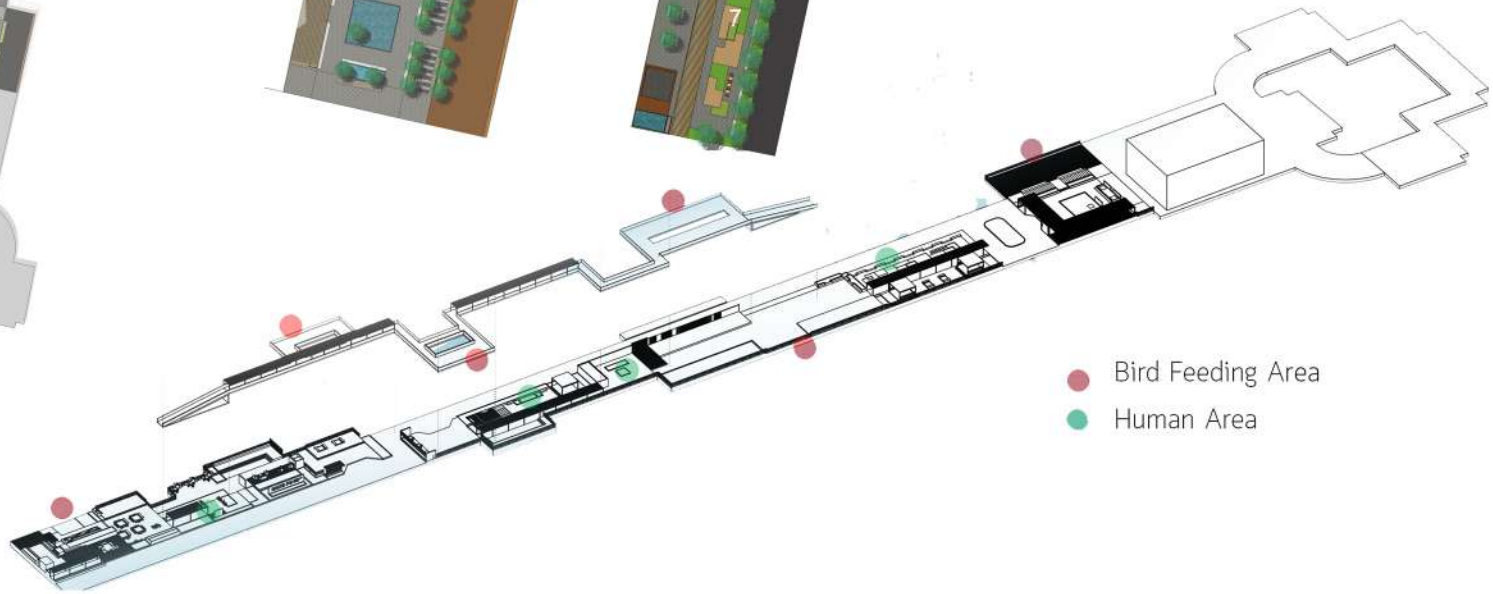
Zone Plan



Keep drive way in one side. The bridge has 2 floors. The first floor is a park where people can chill and relax in evening. The secend floor is available for people to keep a characteristic of Bangpu Bridge which people can fully observe a sea view.

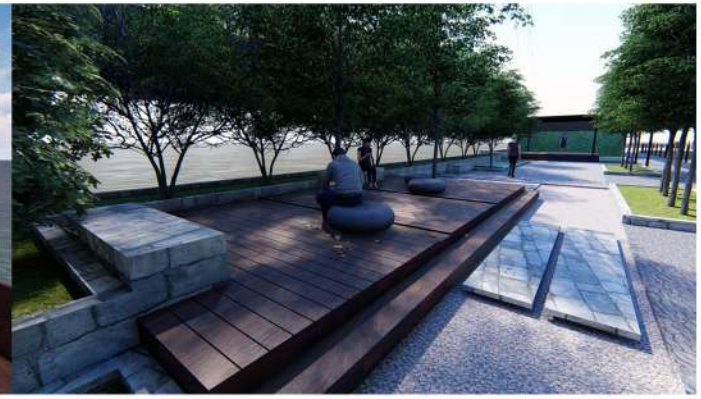
1. Entrance Court
2. Inner Court
3. Drop off Entrance
4. Drop off Entrance 2
5. Retail / Shop
6. Bird Feeding
7. Playground

Isometric



Bird Feeding Area

Human Area



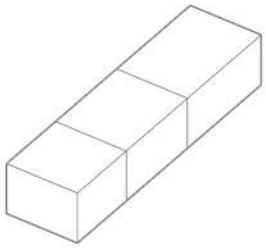
06 3 COURTYARDS HOUSE

SMALL HOUSE (2015)

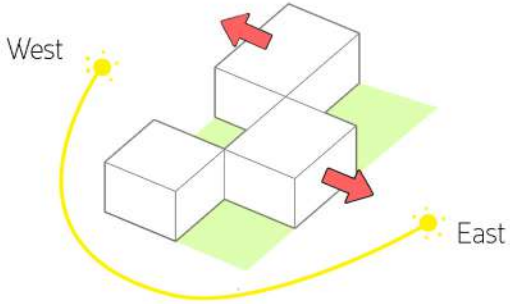
"3 Courtyards House" is a house for 1 user. it consists of 1 bedroom, 1 living room,1 kitchen and 1 bathroom. Starting by forming required area. then I decided to shift the mass to embrace outdoor spaces. The courtyard itself connect masses together. A rythm of indoor & outdoor spaces brings natural light and ventilation into a house. The Courtyards' privacy is vary from a public entrance court to a private inner court. A user can take view of green inner court by any room in a house.

Front View Perspective

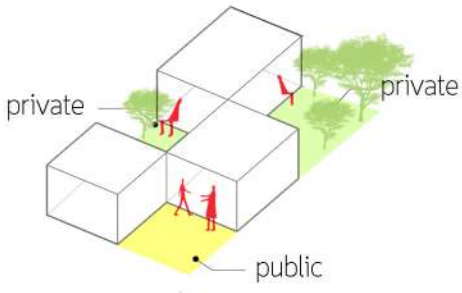
CONCEPTUAL DIAGRAM



1. REQUIRED AREA

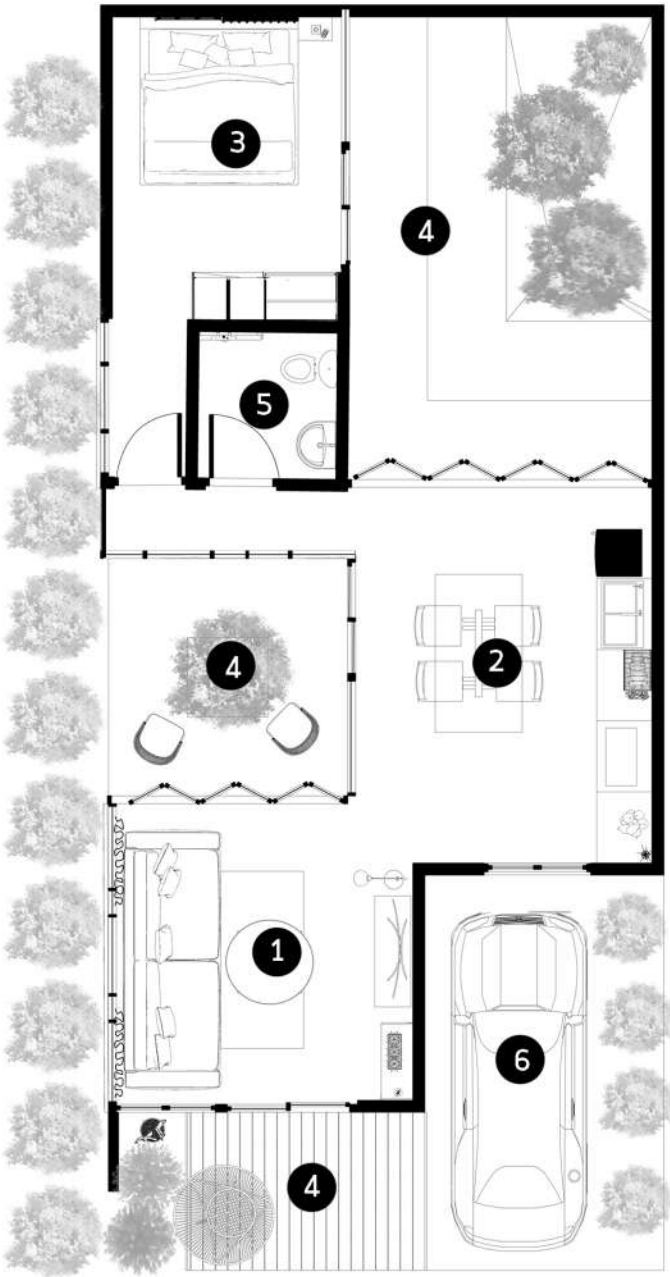


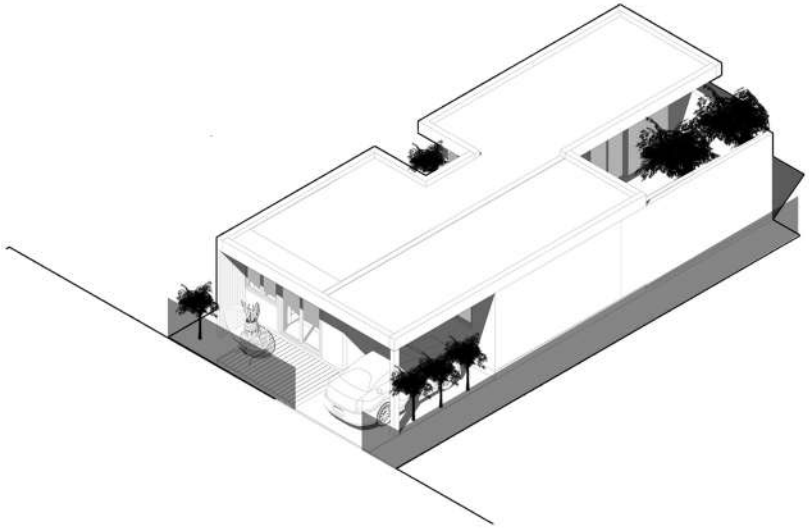
2. SHIFTING MASS FOR OUTDOOR SPACE BOUNDARY



3. PRIVACY & OPENNINGS

4. FINAL DESIGN



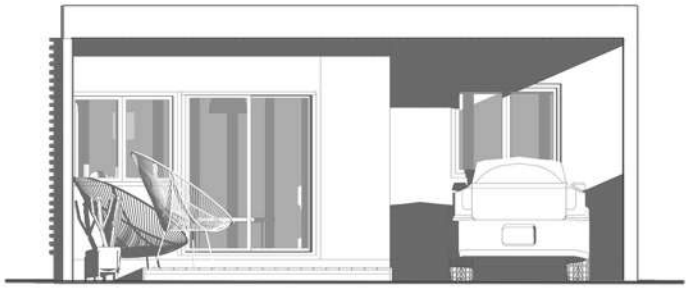


Isometric

West Elevation

N

1. Living Room
2. Kitchen / Dinning Room
3. Bedroom
4. Terrace
5. Bathroom
6. Parking



South Elevation

FRONT COURT

LIVING ROOM

MIDDLE COURT

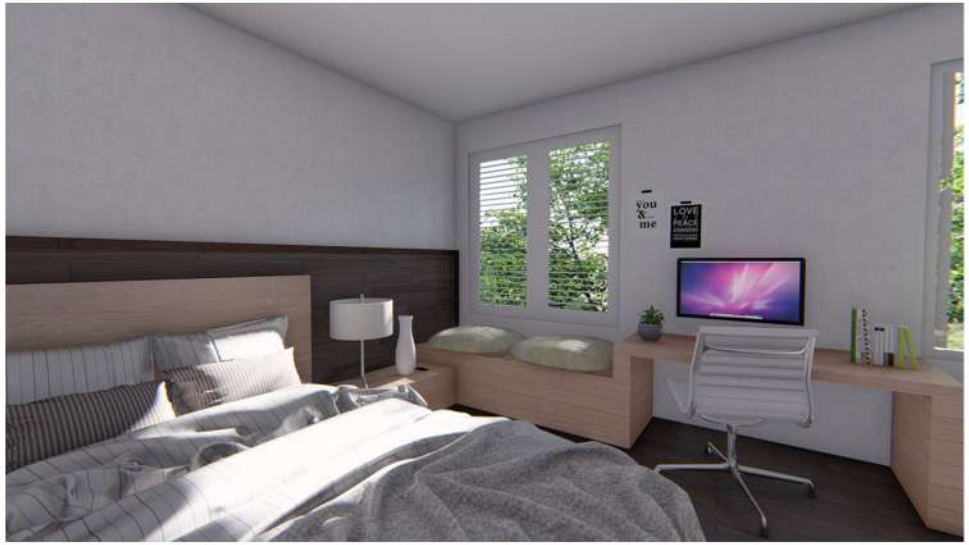
KITCHEN & DINNING SPACE

BEDROOM COURT

BEDROOM

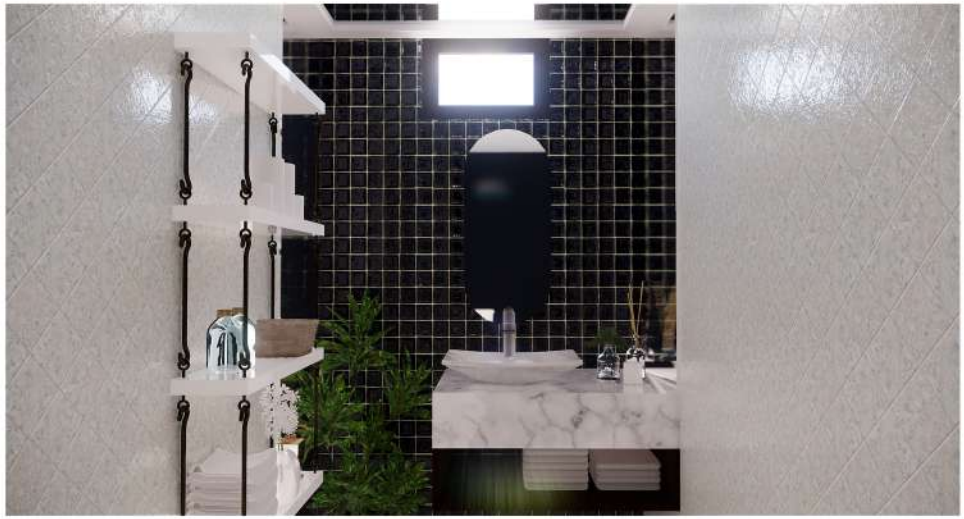
07 3D Rendering

Interior Design / Lumion Rendering



Interior Design / Lumion Rendering

Interior Design / Enscape Rendering



Interior Design / Enscape Rendering

07 3D Rendering

Enscape Rendeing

Enscape Rendeing

Lumion Rendering

Lumion Rendering

ADIWIT CHANTHARANIMIT

(อดิวิศว์ จันทรนิมิตร)

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Recently graduated from a faculty of architecture, Silpakorn University. Looking to leaverage my knowledge and start my career experience as an architect.

Personal

Date of Birth : 3 April 1996
Nationality : Thai
Language : English, Thai TOEIC Score : 860

Education

2014 - 2019 : Faculty of Architecture
Silpakorn University
2008 - 2014 : Phiriyalai School Phrae

Intership / Experience

Oct 2019 : Architect at SP ASSET CORPERATION Co.,Ltd.
2018 : Internship at Design District Studio

Other Experince

2018 : Script Writer of Arch SU Play
"The Murderer Says"
2017 : RIM (Rethink in-between the Margin)
Exhibition
"One Drop of Water"

Contact
Facebook : Adiwit Jobb Chantharanimit
Line : adiwitjob

Skills

Architectural Software
Autodesk Revit
Autodesk Autocad
Sketchup

Graphic
Adobe Photoshop

3D Render
Lumion
Enscape
V-ray

Microsoft Office (Word, Powerpoint, Excel)
Content Writing

STUDY PROJECT

2014 :	Equipment Design	2018 : Yaowarat Urban Renovation
2015 :	Small House	Thesis
	Family House	
	Vacation House	
	Co - Housing	
2016 :	Student Dormintory	
	Condominium	
	Kindergarten School	
	Office & Sport Complex	
2017 :	Community Mall	
	100 Beds Hospital	
	Art Museum	
	Profromace Art Theater	
2018 :	High rise Building	
	Resort	