



CHANINART SANGSUPAWANICH
PORTFOLIO

Selected Works 2021

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CHANINART SANGSUPAWANICH

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PROFILE

BIRTHDATE
Oct 11, 1996

BIRTHPLACE
Hat Yai, Songkhla, Thailand

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SKILLS

AutoCAD
SketchUp
Vray
Lumion
Adobe Photoshop
Adobe Illustrator
Microsoft Office

EDUCATION

2015-2020 **BACHELOR OF ARCHITECTURE**
GPA 3.68
Faculty of Architecture, Chulalongkorn University, Bangkok, Thailand

2009-2014 **HIGH SCHOOL CERTIFICATE**
PSU.Wittayanusorn, Hat Yai, Songkhla, Thailand

2000-2008 **PRIMARY SCHOOL**
Thidanukhro School, Hat Yai, Songkhla, Thailand

ACCOMPLISHMENT

2020 **FIRST-CLASS HONORS**
Faculty of Architecture, Chulalongkorn University, Bangkok, Thailand

2018 **THE ARCHITECTURAL CAPRICIO WORKSHOP**
Residential Architecture Class with K.Ong-ard Satrabhandhu and Lucien Steil, Chiangmai, Thailand

HBP SUMMER PROGRAMME 2018
Tangible and Intangible Cultural Heritage Conservation at George Town UNESCO World Heritage Site (WHS) at School of Housing, Building and Planning (HBP) University Sains Malaysia, Penang, Malaysia

THE GEORGE TOWN HERITAGE HOTEL PROJECT AWARD
Architectural Design IV Competition (3rd Year Project)

CROSS-CULTURAL WORKSHOP IN ARCHITECTURE AND URBAN DESIGN
National University of Laos, Vientiane, Laos

2017 **TUTOR at PRE-ADMISSION CAMP 2017 'MONSTECT CALL'**
Faculty of Architecture, Chulalongkorn University, Bangkok, Thailand

VOLUNTARY WORK
80th Voluntary Rural Area Development Camp, Si Satchanalai, Sukhothai, Thailand
79th Voluntary Rural Area Development Camp, Mae Tha, Lamphun, Thailand

LIGHT ASIA BANGKOK 2017 WORKSHOP
Wat Pathum Wanaram, Bangkok, Thailand

WORK EXPERIENCE

Sep 2020 - Jun 2021 **JUNIOR ARCHITECT** | **East Architects ,Bangkok, Thailand**
Focus on various types of projects, e.g., residential projects, office building and public building

- Design planning, space and structure, considering context and clients needs and cost
- Create 2D drawings with 3D models and presentation from Preliminary Design throughout BMA drawings including BMA Document Arrangement
- Contact with clients, Coordinate with engineers, contractors and sale agents
- Review shop drawings and RFI (Request for Information) Documents for ongoing projects
- Join a site visit and meeting during pre-construction and construction phase

May 2020 - Aug 2020 **FREELANCE ARCHITECT** | **SOUTHSON DESIGN, Hat Yai, Songkhla, Thailand**
Focus on small commercial projects, e.g., cafés, bakery shop and restaurants

- Designed planning, space and structure, considering context and clients needs and cost
- Created 2D drawings with 3D models and presentation from Preliminary Design throughout Construction drawings
- Join a site visit and meeting during pre-construction phase

Jun 2019 - Jul 2019 **INTERN ARCHITECT** | **Arsomsilp Community and Environment Architects, Bangkok, Thailand**

- Assisted junior architects designing planning and space, creating 2D and 3D Presentation
- Joined a site visit and meeting during construction phase

Jun 2017 - Jul 2017 **INTERN ARCHITECT** | **NITAPROW Architects ,Bangkok, Thailand**

- Assisted junior architects designing planning and space, creating 2D and 3D Presentation



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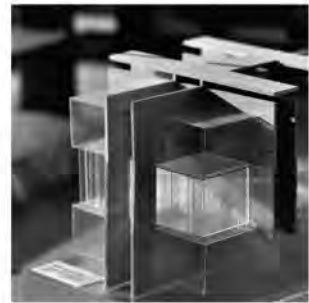
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A HOUSE

Bangkok, Thailand

East Architects

Participated in

- Preliminary Design
- BMA Drawings
- Design Development

The house is designed for new generation family with two children who wanted to create highest function for their members. Due to the limited site, the house is built on maximum space as the law allows.

Internal courtyard is a key solution to create a common space between family members in this house with full of natural light and ventilation.

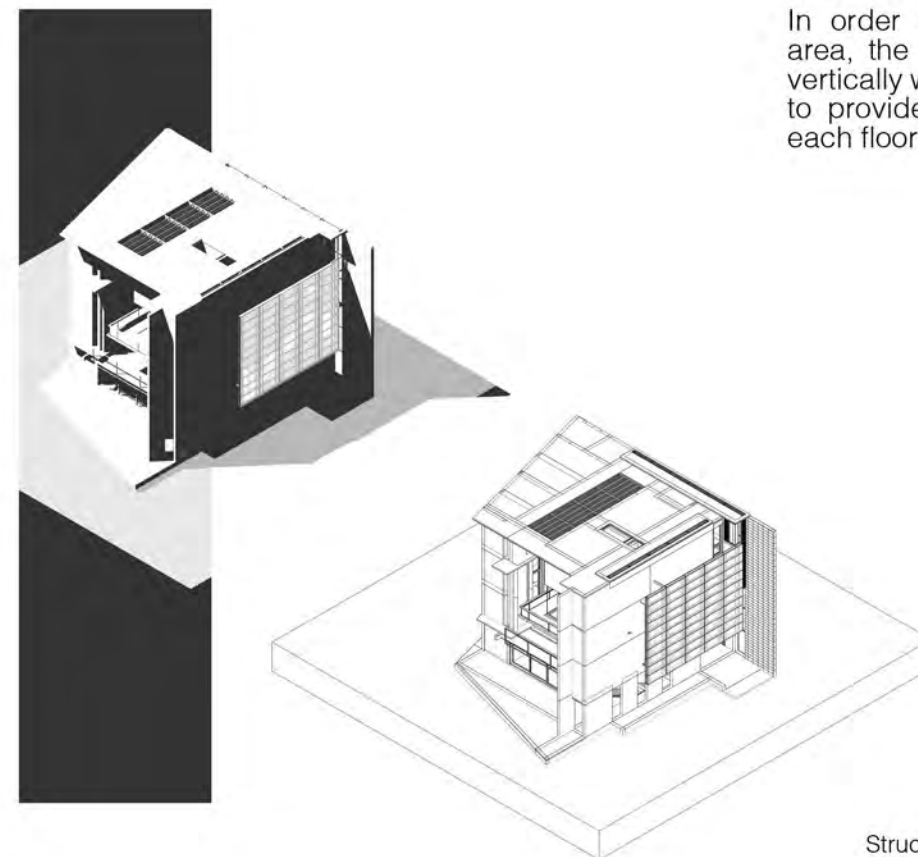
By compositing each part of the house in different level can create various space and provide privacy while most parts of the house still connect to the courtyard.



Exterior Perspective
Preliminary Design



Internal Courtyard
Preliminary Design



In order to effectively use all area, the house is constructed vertically with multiple structures to provide different function in each floor.

Structural Model for Coordinate
with structural engineer



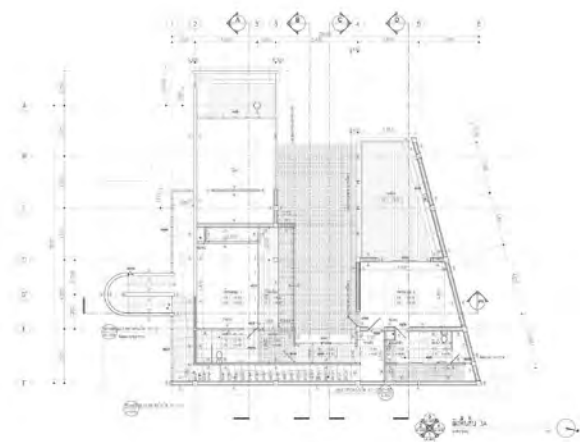
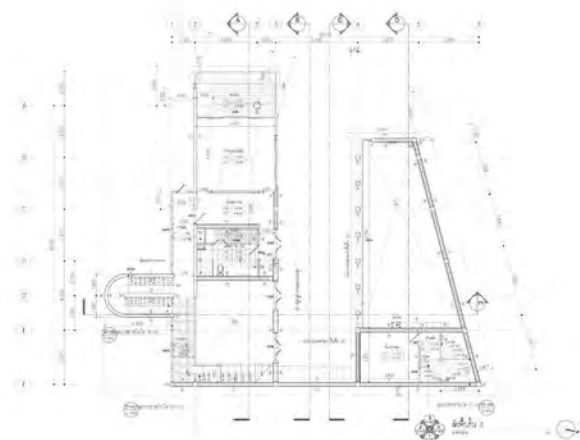
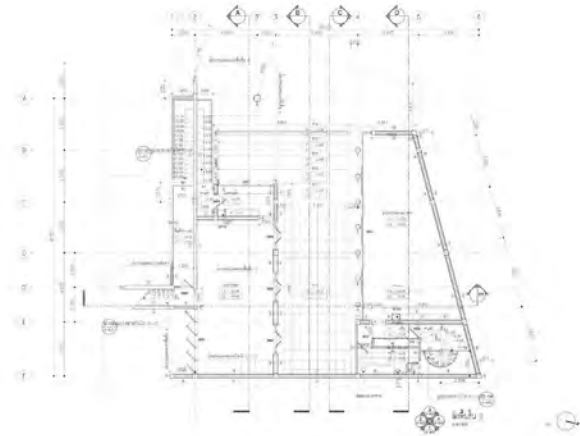
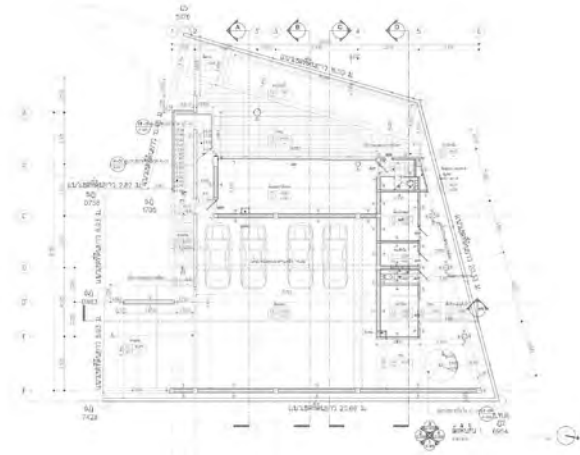
This semi-outdoor courtyard is a common area that family members can gather together as well as allowing natural light and ventilation get into each part of the house.

SPACE PLANNING

The house is divided into 3 floors with mezzanine. The 1st floor is served as a common room with flexible function and service area including 4-car-parking space, which required large area without any columns.

Main floor of the house is in the 2nd floor. There are living room and dining room which are connected by the semi-outdoor courtyard that create natural light and ventilation into the house.

Mezzanine and the 3rd floor are divided into 3 bedrooms which are positioned in different level in order to maintain privacy for each family members.



FLOOR PLAN
BMA Drawings

Interior Perspective



OFFICE BUILDING RENOVATION Bangkok, Thailand

East Architects

Participated in

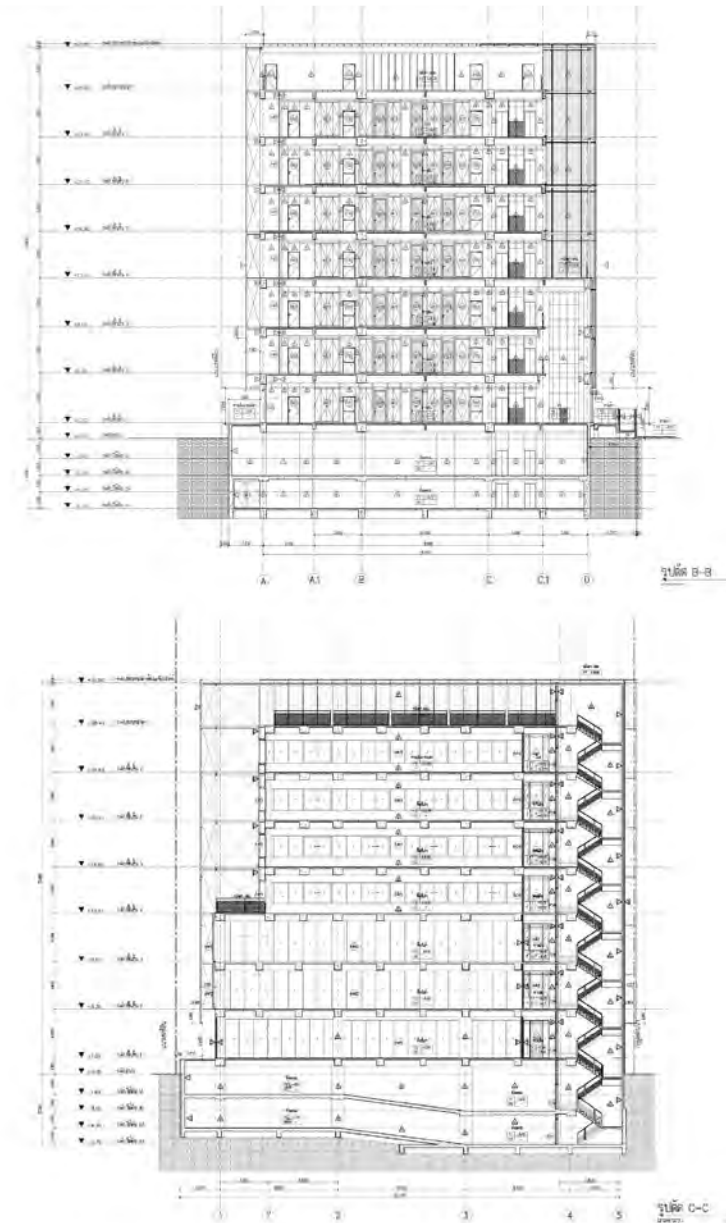
- Preliminary Design (final stage)
- BMA Drawings
- Tender Drawings

This renovation aims to improve function of space and building appearance without changing the main structure. Therefore, re-arranging building core and common area are the direction that was decided among many other design options.

During the design stage, there are many conditions in order to renovate this building such as number of fire exits and restrooms are not enough according to the law. Therefore, consulting structural and M&E engineers becomes crucial as this renovation needed approval from building permission law.



Existing Building



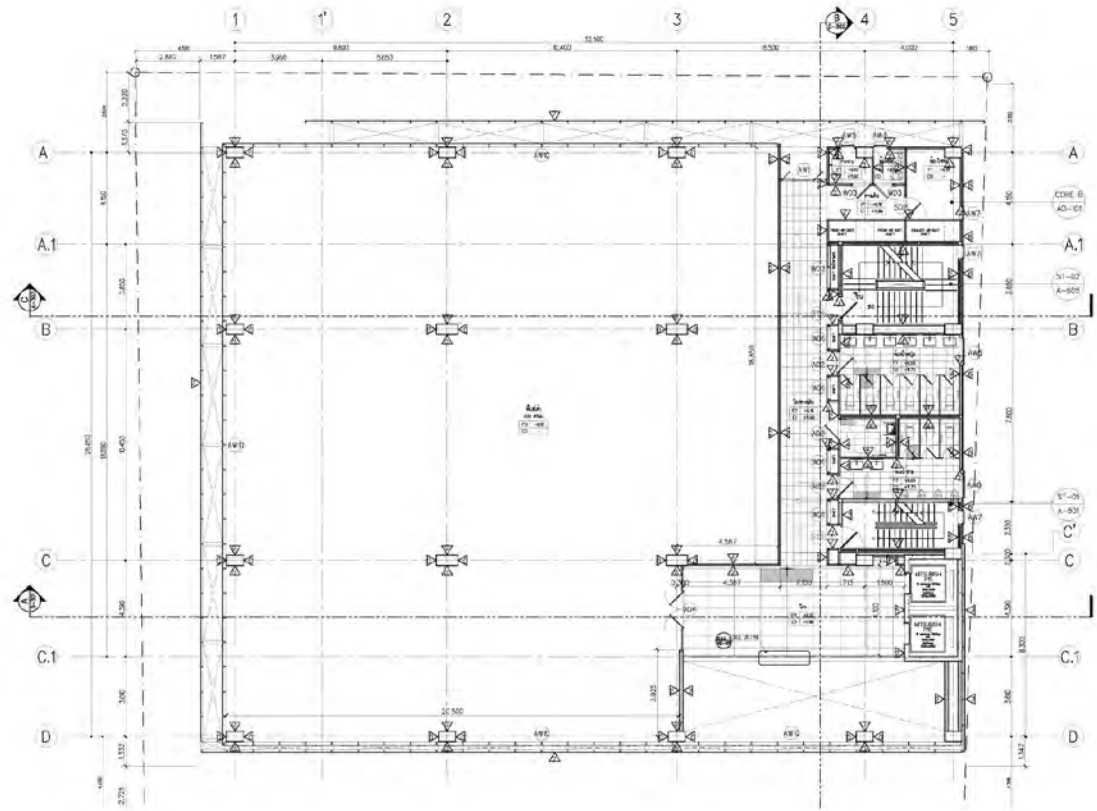
SECTION
BMA Drawings

Existing Building

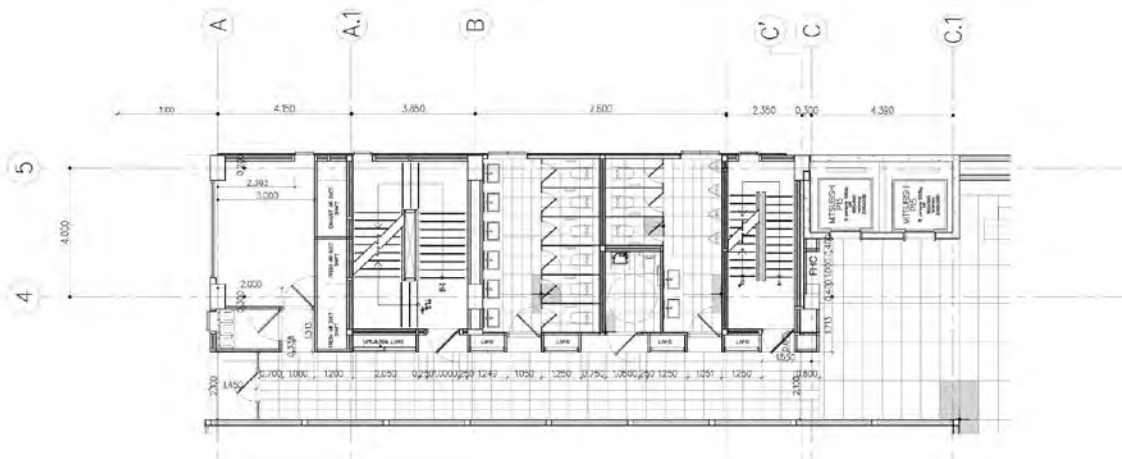


There are 7 floors with 2 basement floor in the previous building. There were divided into 2 main area. From 1st floor - 3rd floor were served as podium and the rest were tower. The podium facade is renovated to glass curtain wall to let natural light into tenant space. While the facade of tower is remained the same.

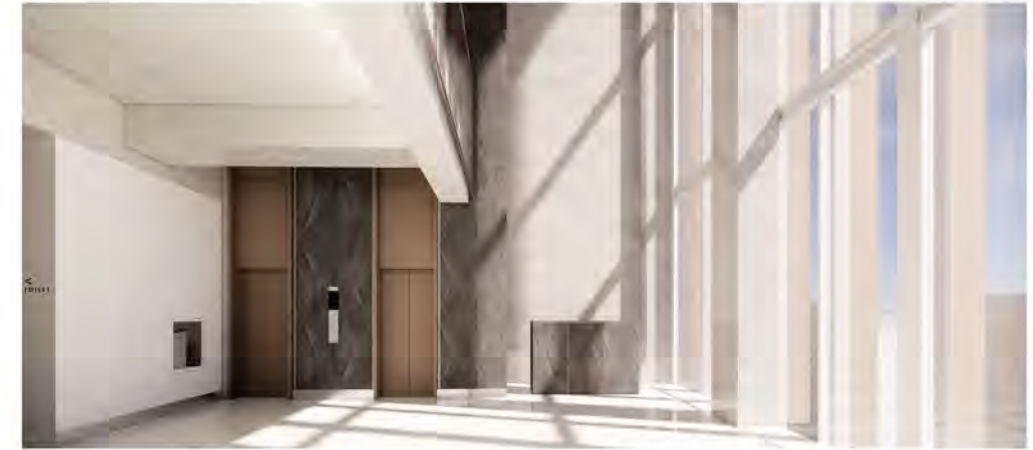
Space Planning



Interior space was renovated especially in reception area, main corridor and building core, which includes restrooms, fire exits and service area.



FLOOR PLAN
BMA Drawings



INTERIOR PERSPECTIVE
Design Develop

Locals.hdy
CAFE AND RESTAURANT
 Songkhla, Thailand
 SOUTHSON DESIGN

Participated in

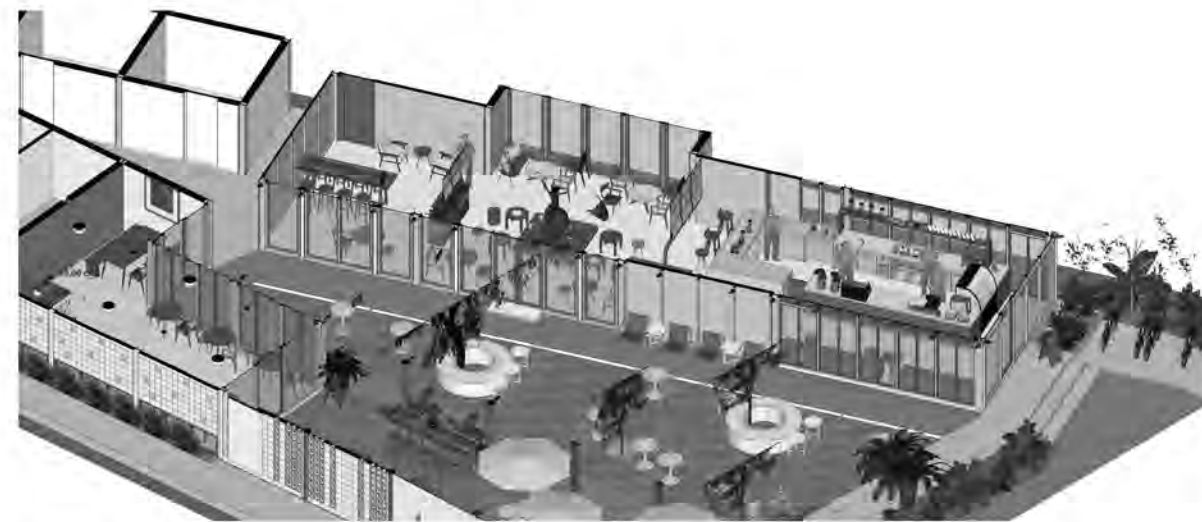
- Preliminary Design
- Design Development

In these days, there are a number of cafes and restaurants in Had Yai. This project aims to present a new community area of Had Yai which consists of cafe, restaurant and service area.

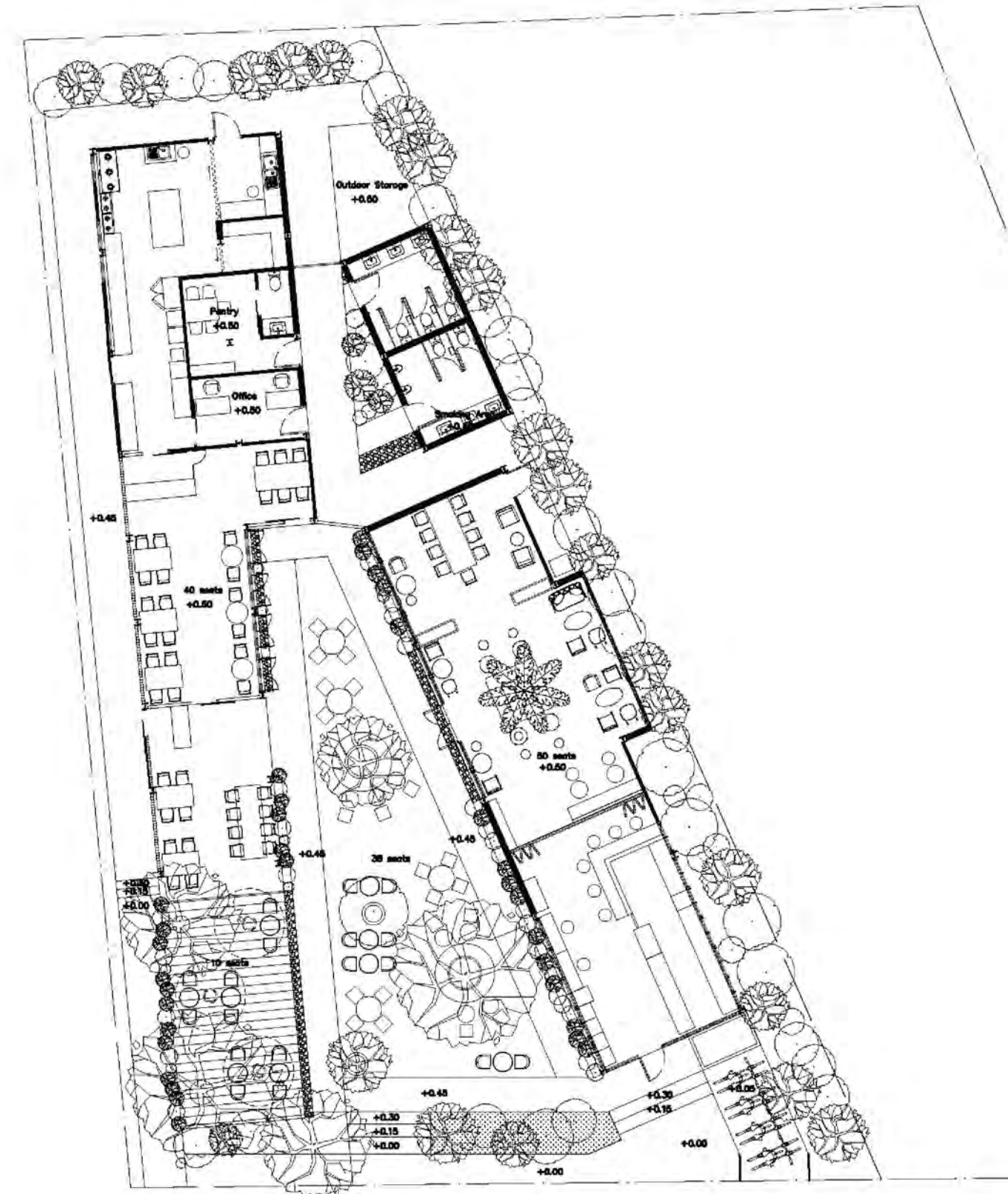
One challenge for this site is location. As the site locates in middle of city so it is surrounded by other buildings. In order to create beautiful and relaxing scenery for visitors, a courtyard was built in between cafe and restaurant. By this outdoor courtyard which is full of tree, helps creating natural shade and shadow and a sense of serenity for both cafe and restaurant.



Cafe Interior photo
 Complete Work



Overall Project
 Preliminary Design



FLOOR PLAN
 Preliminary Design

BAKERY SHOP RENOVATION

Songkhla, Thailand

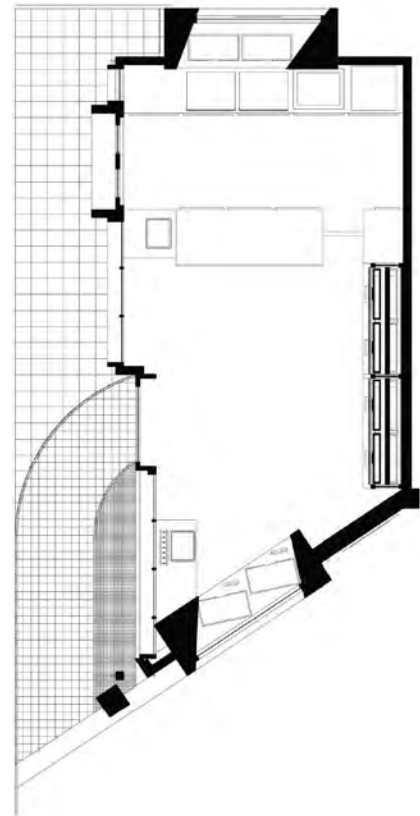
SOUTHSON DESIGN

Participated in

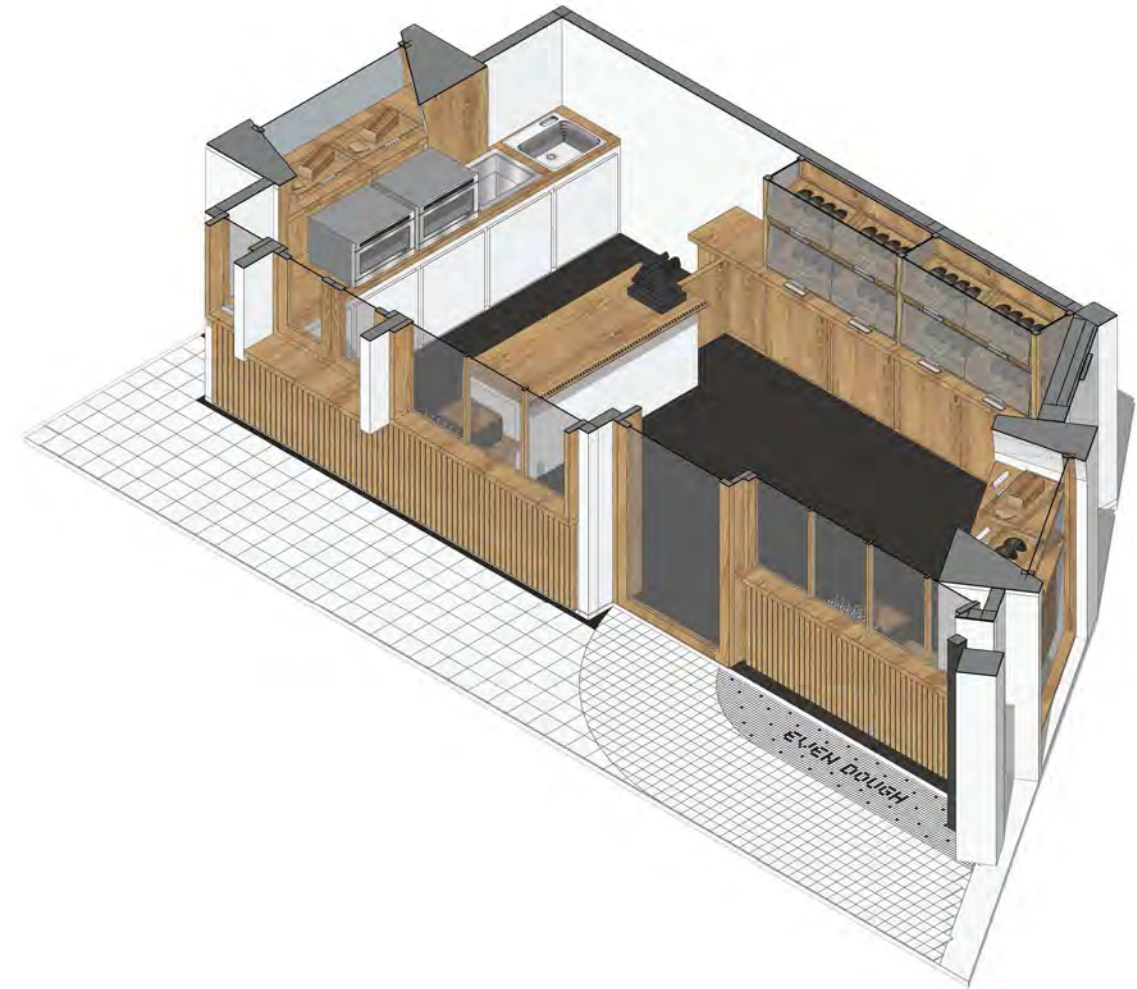
- Preliminary Design
- Design Development

The renovation of bakery shop is small commercial project, whose design direction was inspired from its brand identity. A sense of freshly baked bakery is reflected in homey and cosy mood and tone by using natural material such as wood.

Space using was designed in the simplest way; however, user experience was one point that was challenging as well.



0 1 3
FLOOR PLAN
Preliminary Design



ISOMETRIC MODEL
Preliminary Design



Exterior Photo



ELEVATION
Preliminary Design

KITCHEN RENOVATION

Songkhla, Thailand

PERSONAL WORK

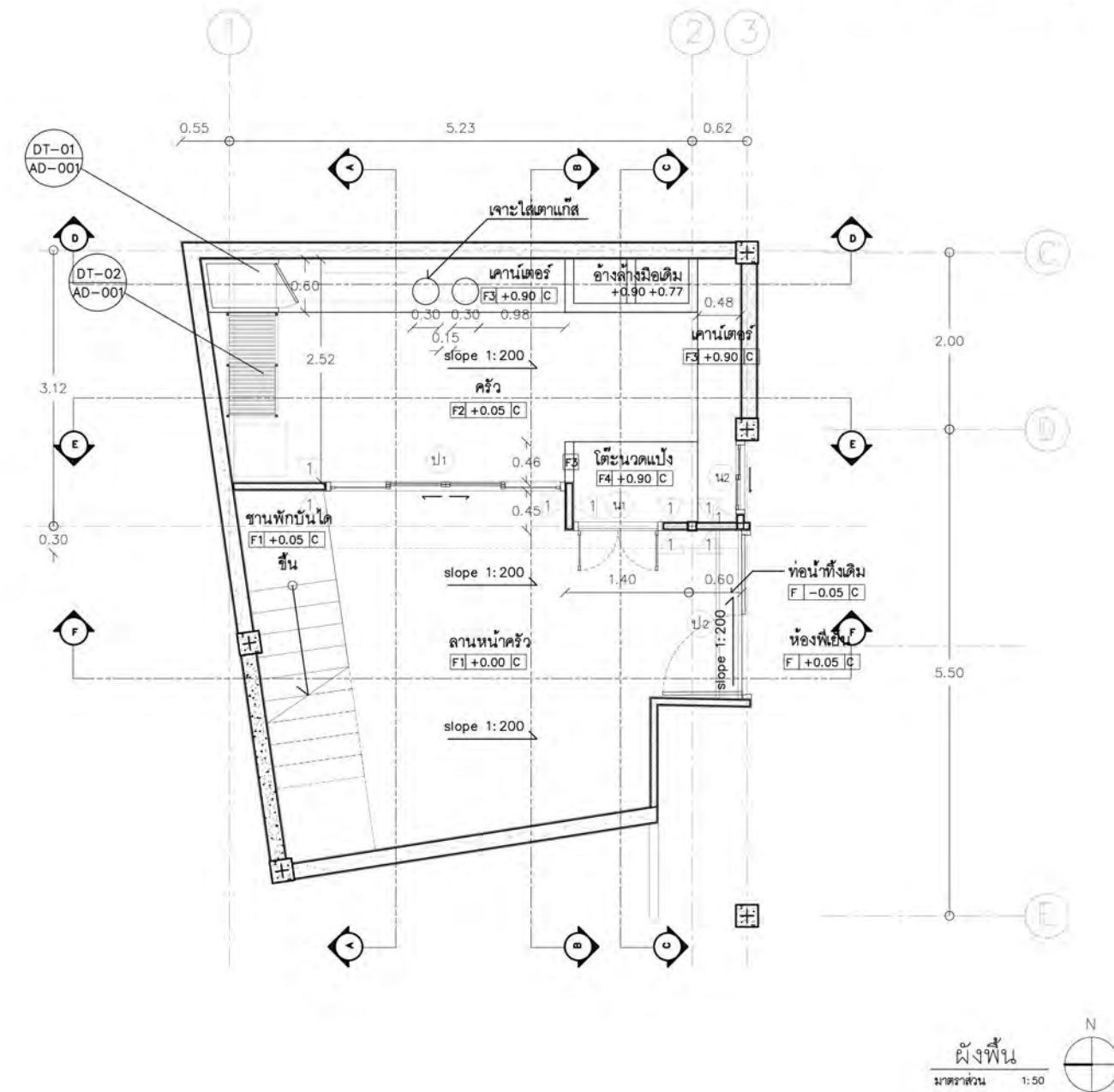
Participated in

- Preliminary Design
- Construction Drawings
- Construction Phase

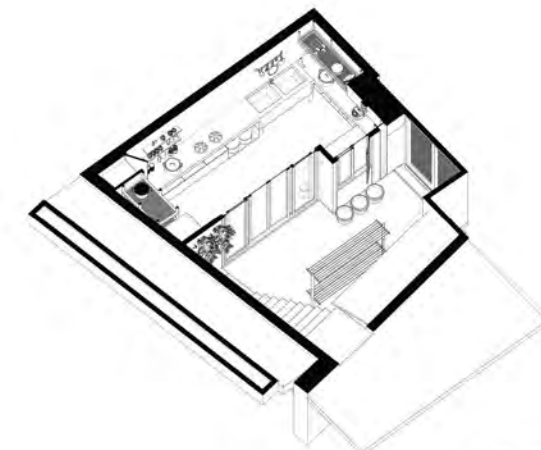
Thai kitchen is an important part for Thai family. This renovation aims to provide a practical Thai kitchen with good ventilation and natural light.



Existing Building



The new kitchen is placed in a outdoor basement of the house which surrounded by concrete structure wall. Before renovation, this area is for doing laundry. From this reason, this new kitchen layout has to have function for both cooking and hanging out the clothes.

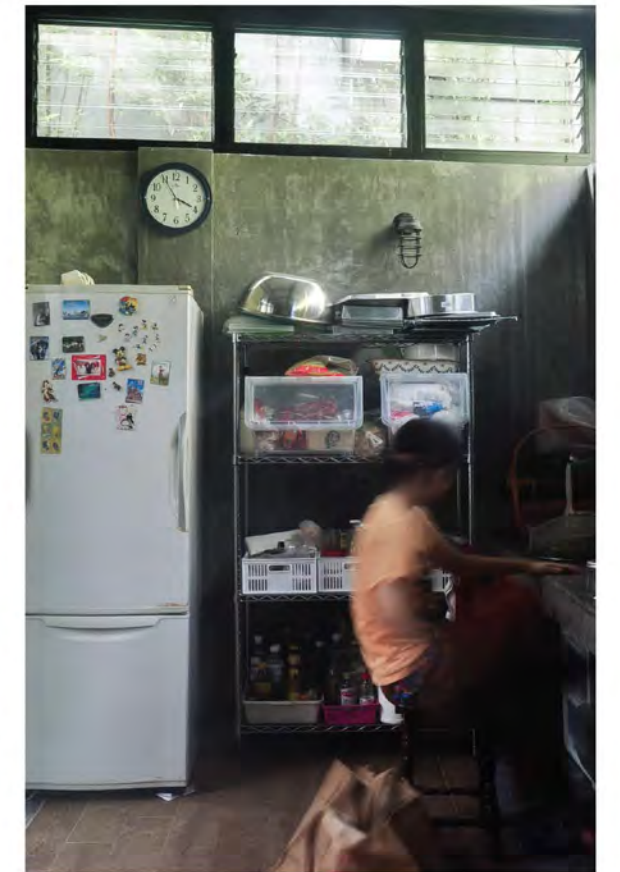


3D Model
Preliminary Design



Cost Saving Construction
By focusing on space planning without using any decorative material and reusing some kitchen tools such as stainless dish drainers helps saving an amount of construction cost.

Interior Photo
Complete Work



06

HOUSE 327 RENOVATION

PANTRY COUNTER

Songkhla, Thailand

PERSONAL WORK

Participated in

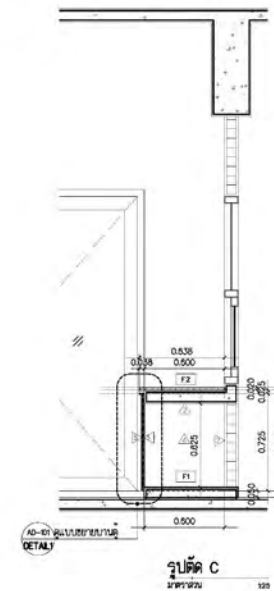
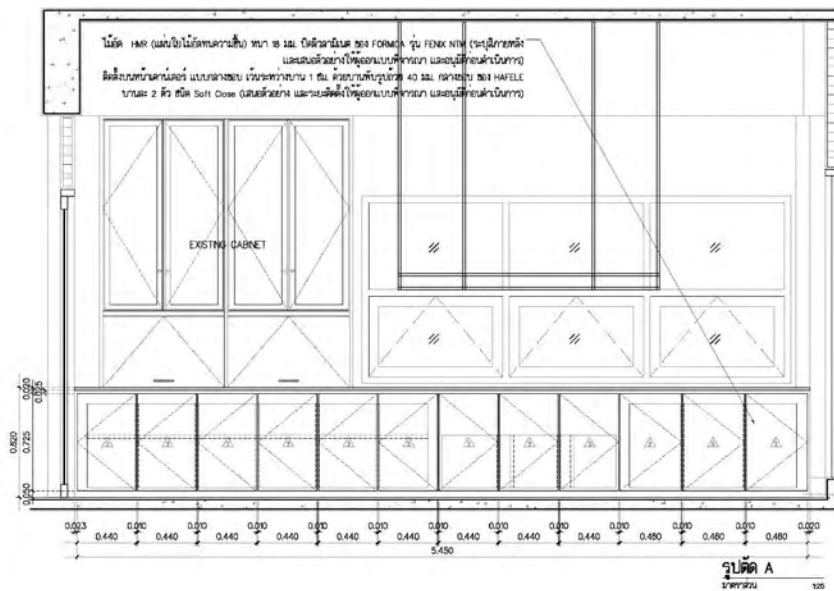
- Preliminary Design
- Construction Drawings
- Construction Phase

This concrete counter in the kitchen had been used for a decade and it became shabby. Therefore, this counter needs to be upgraded functionally and visually.



EXISTING COUNTER

IN PROGRESS
Construction Phase



SECTION
Construction Drawings



RENDER IMAGE
Preliminary Design

07

HOUSE 327 RENOVATION HOME STUDIO

Songkhla, Thailand

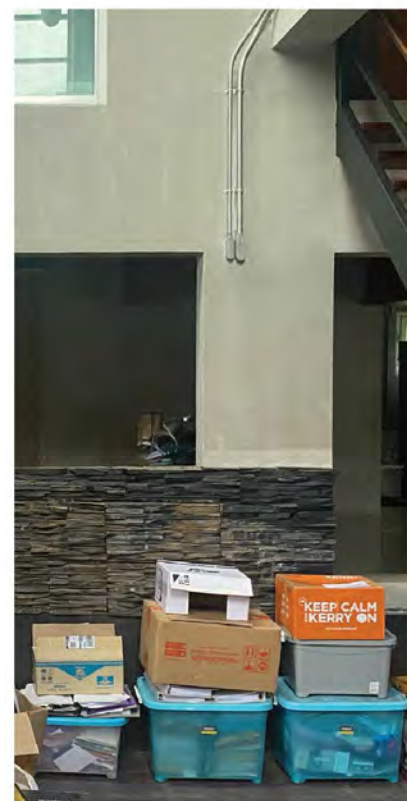
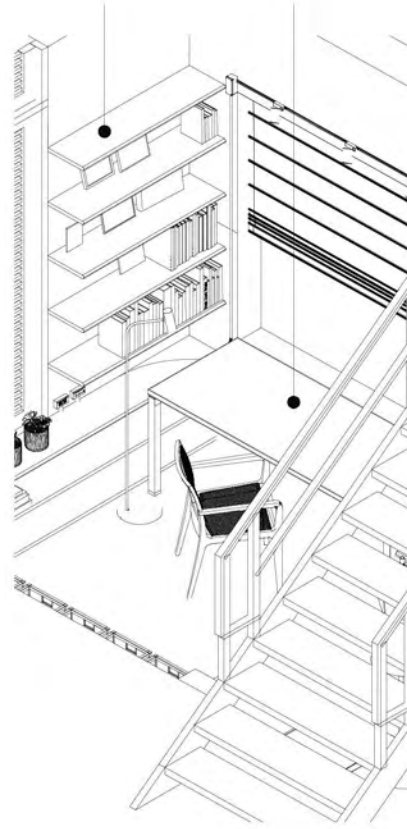
PERSONAL WORK

Participated in

- Preliminary Design
- Construction Drawings
- Construction Phase

The existing construction was an indoor Carp fish pond which was already moved out. When there is no function here, this place becomes a center storage containing anything in the heart of the house.

Family members wanted to renovate this place into something not only more pleasure to the eyes but also practical for daily use. For example, it needs to be working space, hall of frame, and still can be relaxing zone as well.

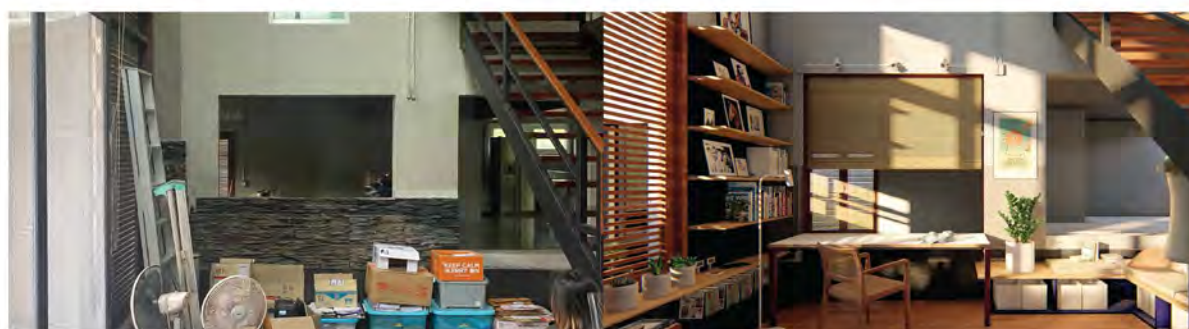
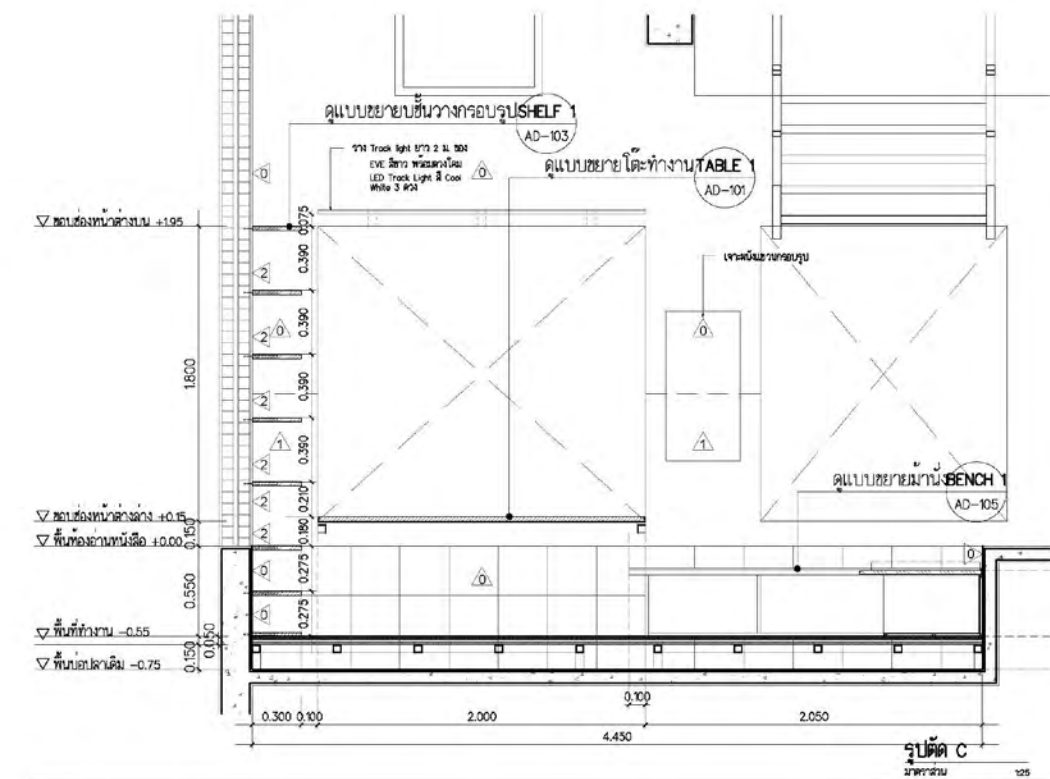
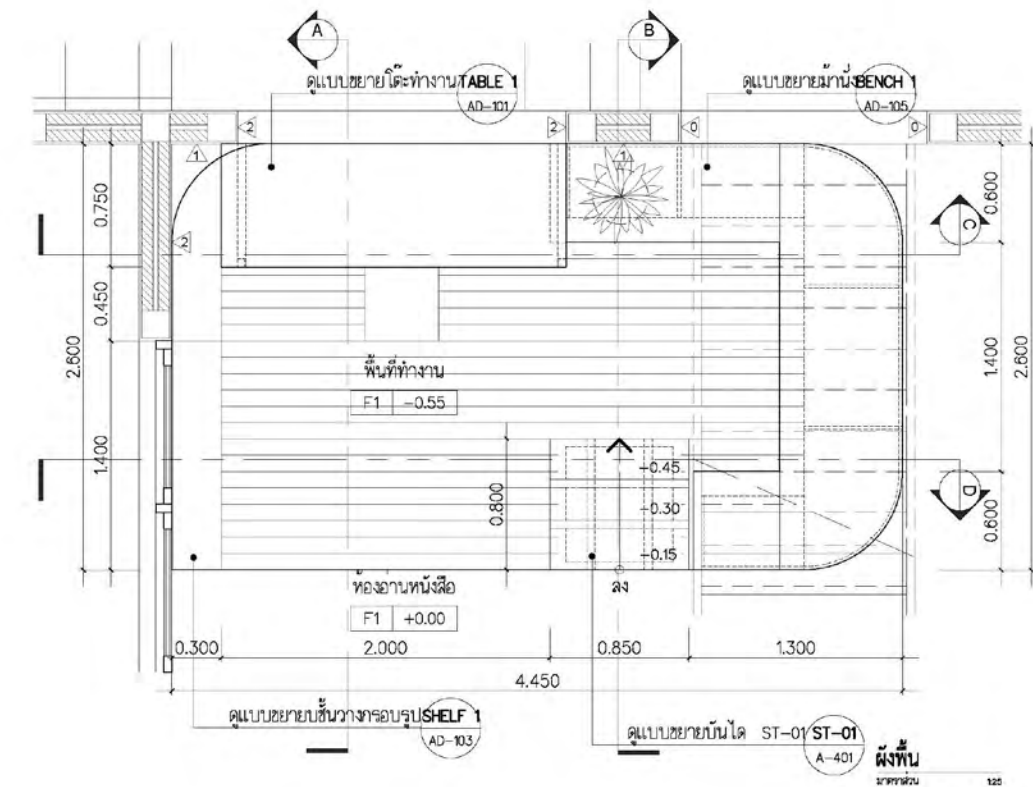


EXISTING BULIDING



RENDER IMAGE
Preliminary Design

There is complex space inside the house so the new layout should be complementary and support the existing space delightfully.



RENDER IMAGE
Preliminary Design

PLAN & SECTION
Construction Drawings

MY HOME, MY NEIGHBORS

Bangkok, Thailand

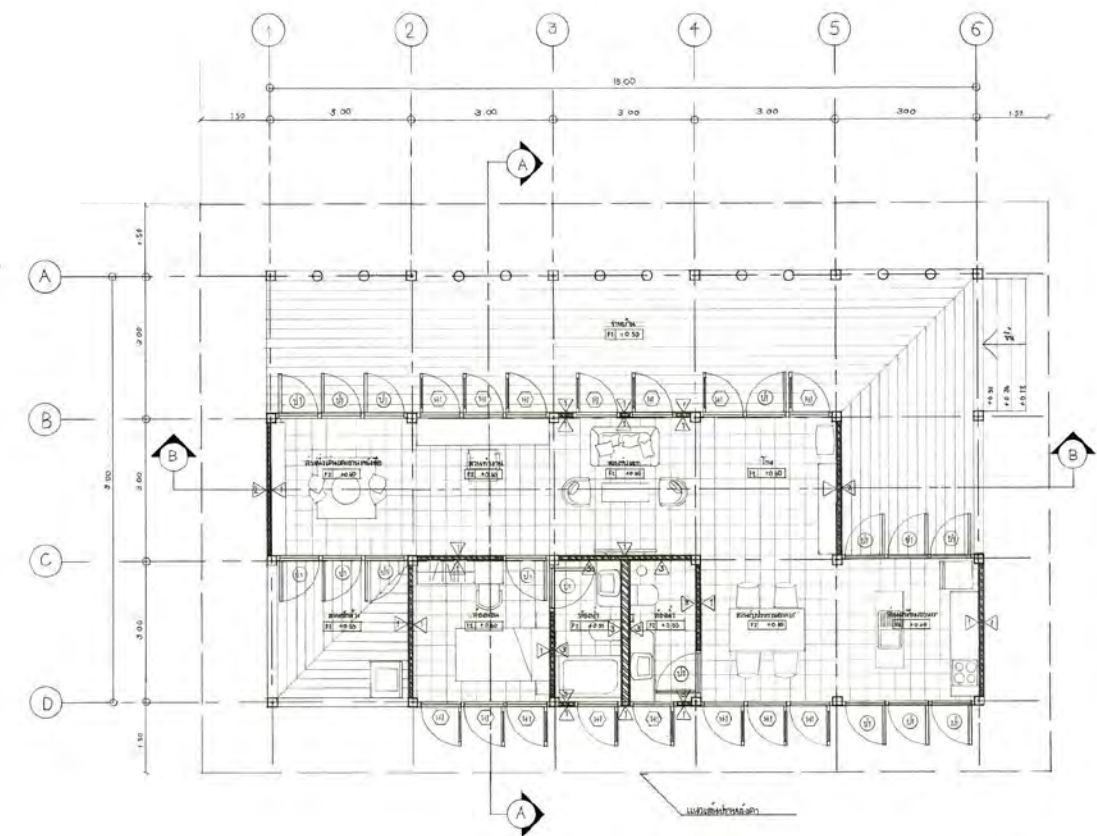
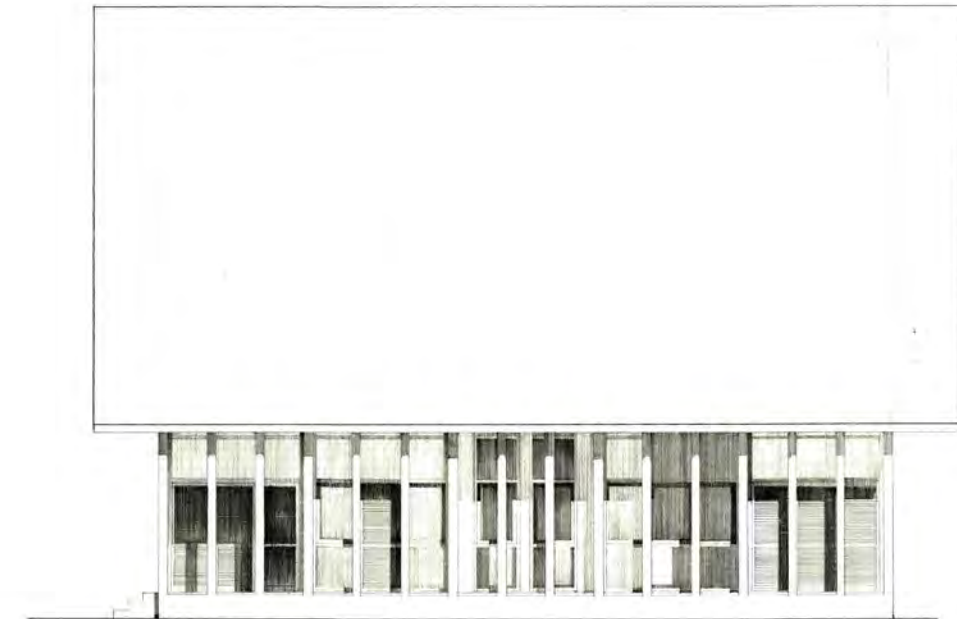
ACADEMIC WORK
: Year 1 Project

This is a small residential project for each designer's house. Besides a unique design, group members (neighbors) had to make an agreement for the village's identity in addition to harmony in masterplan.

This is the 1st architectural project in my life and it gave me opportunities to learn and experience many aspects as an architecture. The space planning and proportion is the first priority to consider. Moreover, Tropical design principle is applied to this project such as cross-ventilation, natural sunlight, cantilever canopy to create shady and harmony space.



MODEL
Final Presentation



BAAN POOK PAN

Bangkok, Thailand

ACADEMIC WORK
: Year 2 Project

The 3-floor home office project aims for different lifestyle between brother and sister, which consists of residential part and office space. The design approaches from system of circulation to security for different function.



MODEL
Final Presentation

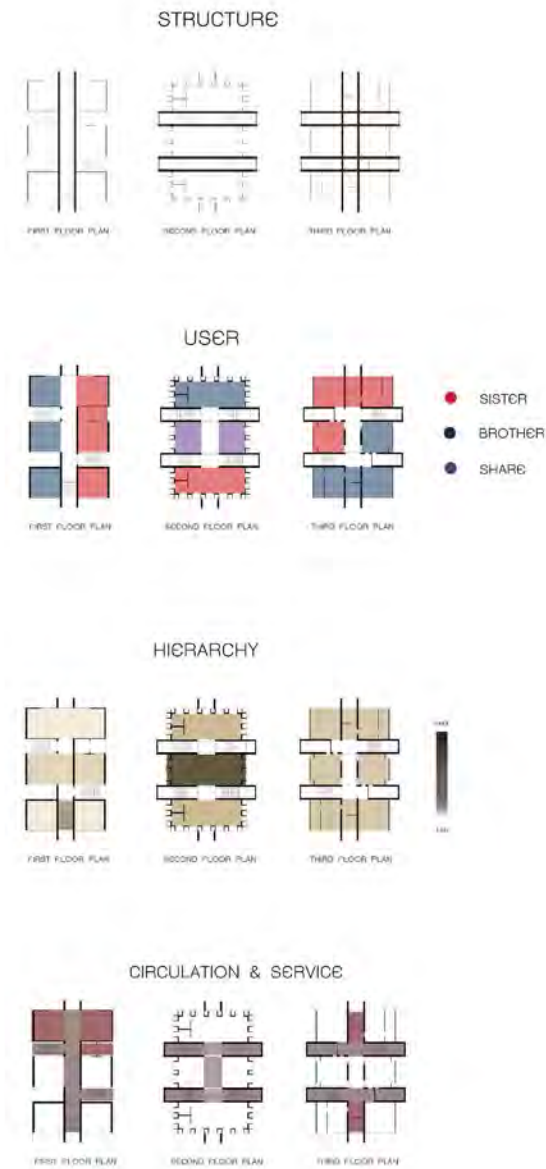
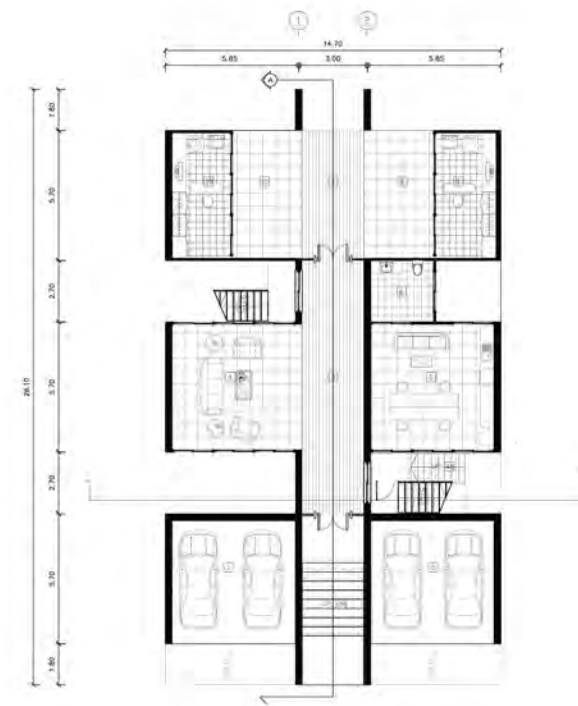
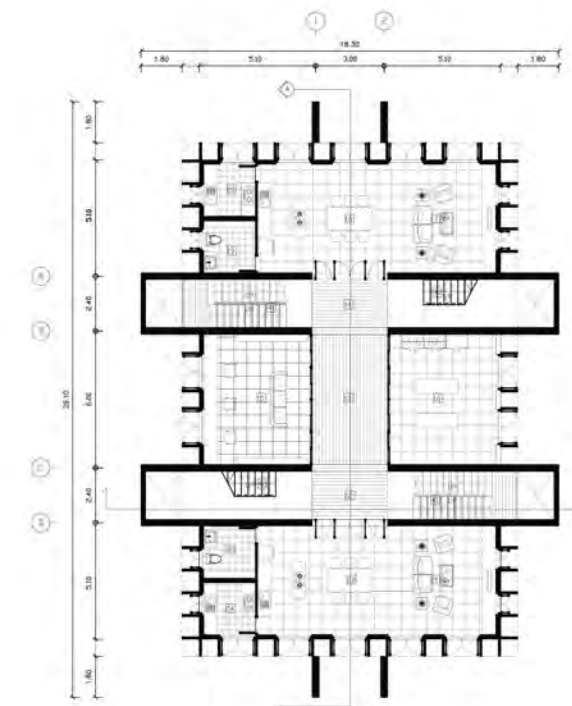


DIAGRAM
Final Presentation



FIRST FLOOR PLAN
SCALE: 1/75



SECOND FLOOR PLAN
SCALE: 1/75



THIRD FLOOR PLAN
SCALE: 1/75

FLOOR PLAN
Final Presentation

The design aims to increase the possibility of spending time together between 2 families. The name of BAAN POOK PAN comes from a concept of composing circulation from brother and sister's routine analysis. It appears that they will accidentally meet each other after work more often at the common area on 2nd floor. This actually is a consequence of design that make the meeting becoming more precise activity.

THE GEORGE TOWN HERITAGE HOTEL

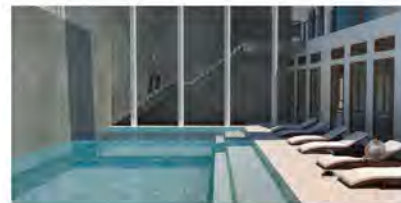
Penang, Malaysia

ACADEMIC WORK
: Year 3 Project

This boutique hotel project is located in Penang, Malaysia where is selected as one of UNESCO World Heritage Site. Therefore, the design would be considered in aspect of regulation and identity of George Town as well.

One of the regulation is to continue the outline of the building as other sites. So the courtyard is designed to be a privacy space for visitors who need to take a rest from the outside world.

Because of the height limit of the building, the internal courtyard is divided to 4 parts in order to reduce its scale to fit into the other parts. In addition, these will provide privacy for each function such as spa, fitness, restaurant and administration office as well.



COURTYARD
Final Presentation



1st FLOOR PLAN
1:200



SECTION
Final Presentation

1. Entrance Hall	+0.45	10. Foot Reflexology Area	+0.50	19. Staff Office	+0.50	28. Beverage	+0.50
2. Reception Area	+0.50	11. Fitness Center	+0.50	20. Laundry and Linen Storage	+0.50	29. Food Storage	+0.50
3. Business Center	+0.50	12. Bar	+0.50	21. Furniture Storage	+0.50	30. Restroom	+0.45
4. Shops	+0.50	13. Coffee Shop/All-Day Dining	+0.50	22. Waste Water Treatment Room	+0.50	31. Walk Way	+0.45
5. Beauty Salon	+0.50	14. Terrace	+0.45	23. Pumping and Boiler Room	+0.50	32. Storage	+0.50
6. Book Shop	+0.50	15. Swimming Pool	-0.75	24. Garbage Room	+0.50	33. Car Parking	+0.10
7. Spa Reception Area	+0.50	16. Lift Core	-0.50	25. Electrical Room	+0.50	34. Motorcycle Parking	+0.10
8. Spa Administration Office	+0.50	17. Office	+0.50	26. Receiving Area	+0.50	35. Bicycle Parking	+0.10
9. Spa Unit	+0.50	18. Staff Pantry and Dining Room	+0.50	27. Cooking Area	-0.50	36. Garden	+0.00

BANGWA FOOD HUB

Bangkok, Thailand

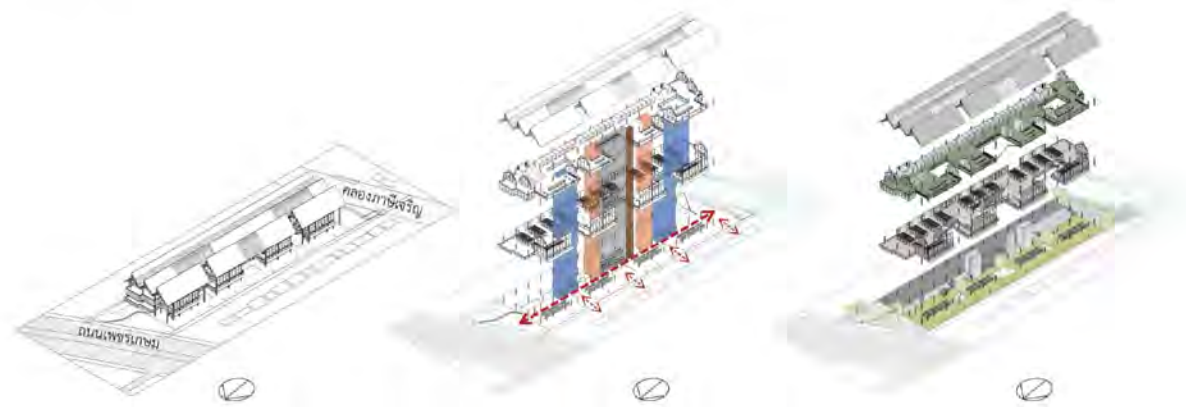
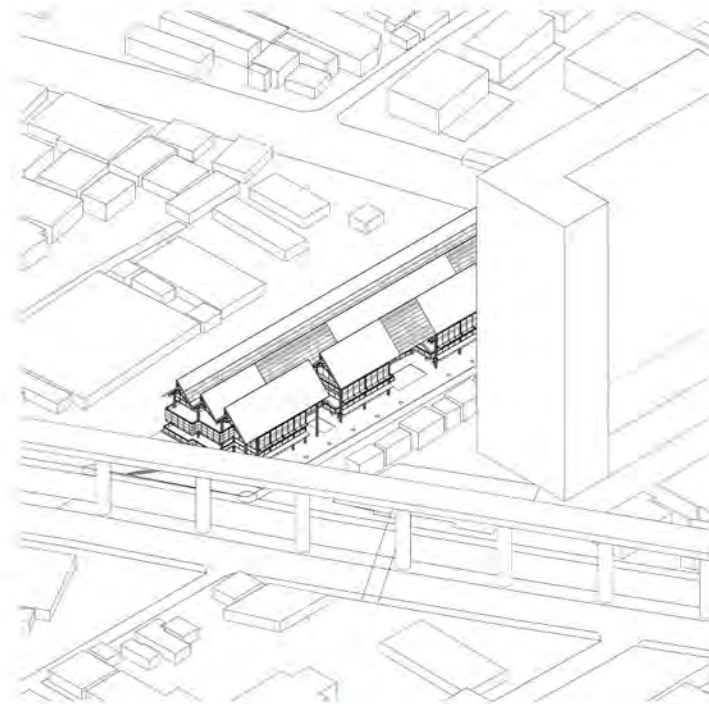
ACADEMIC WORK
: Pre-Thesis, Year 5 Project

Once Bangwa becomes an inter-change for public transportation in Bangkok, Street food stalls were replaced with a number of condominiums. Therefore, this project aims to be a place where people can gather for street food, fresh market and foodcourt with riverside scenery and still connect with the local context.

The site is located between Phetkasem Road and Phasi Charoen Canal where is still a center of canal transportation-which is a beautiful scenery but cannot be noticed from the road.

The concept is to use this food hub to connect the road with canal, which displays sense of local lifestyle. Moreover, shop-houses located along the site are also considered as a part of the design.

This food hub consists of 3 main zones in 3 floors. The 1st zone is food walking street and market on the 2nd floor. While food court can be found on the 3rd floor.

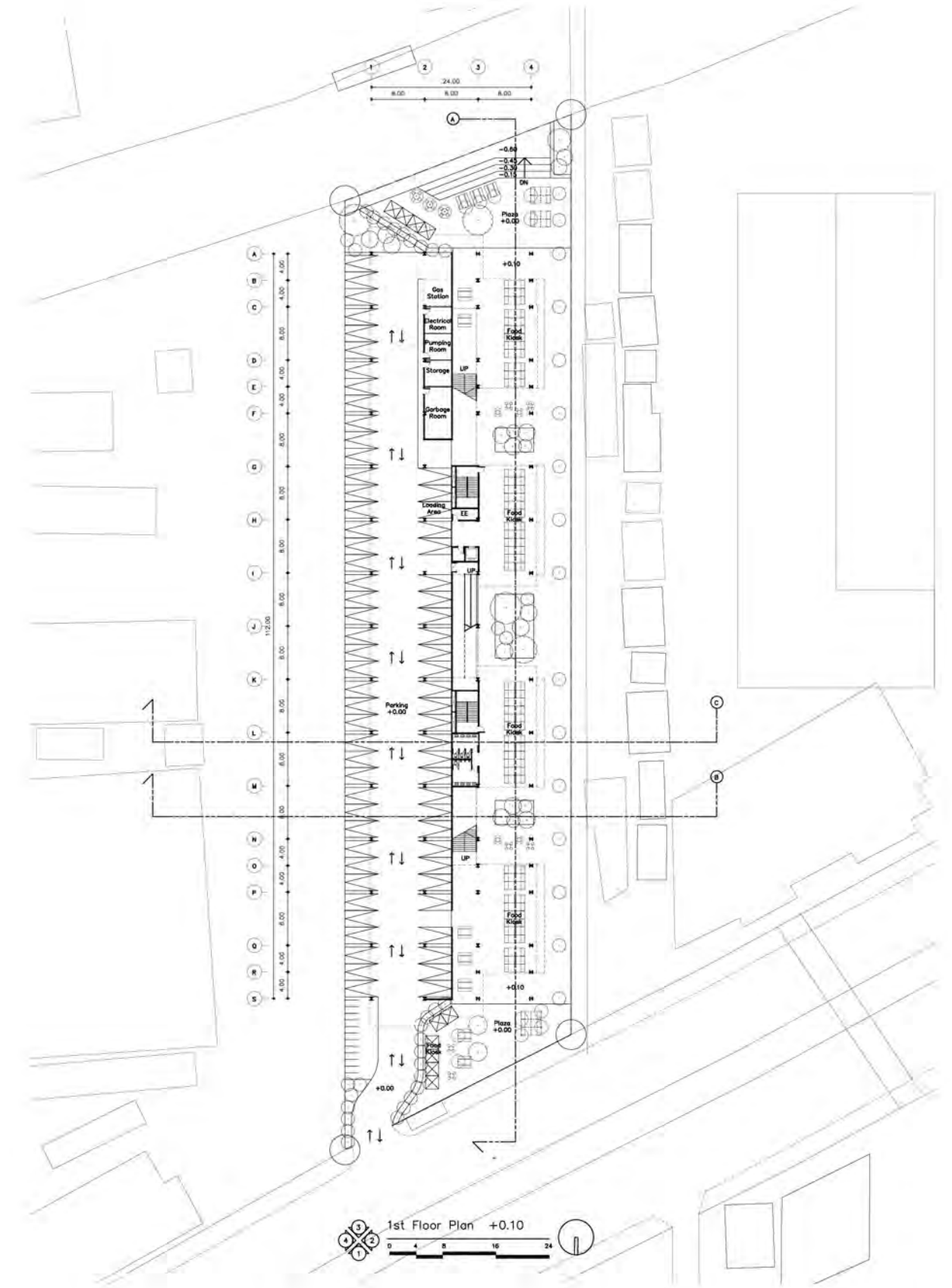


Circulation Diagram

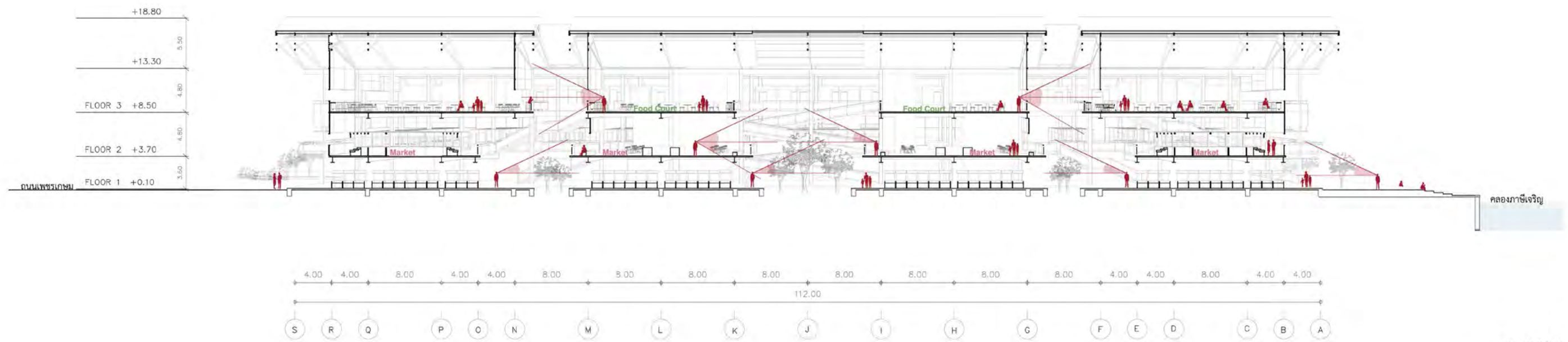
- Main Stair
- Fire Exit
- Lift
- Service

Zoning Diagram

- Food Stall Area
- Market
- Food Court



FLOOR PLAN
Final Presentation



SECTION
Final Presentation



EXTERIOR PERSPECTIVE
Final Presentation

The 1st floor is designed as a Food Walking Street to attract people from the road to the canal. Pocket gardens are placed along the way to shorten the distance and fresh up atmosphere. The 2nd and the 3rd floor will be seen from this main circulation on the 1st floor as well through the open-well, which aims to connect the sight between each zones and attract visitors to go upstairs.



INTERIOR PERSPECTIVE
Final Presentation

RESIDENTIAL BUILDING for CANCER REHABILITATION SERVICES, Songkklanagarind Hospital

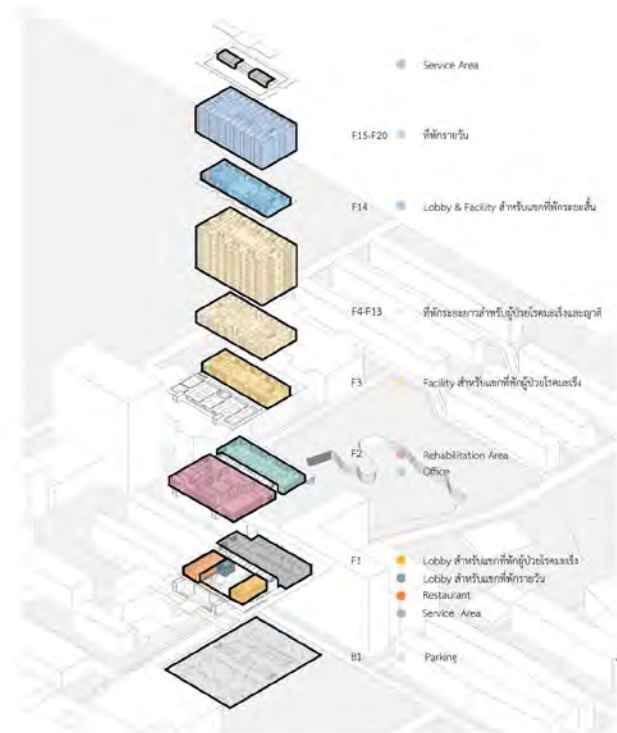
Songkhla, Thailand

ACADEMIC WORK
: Thesis, Year 5 Project

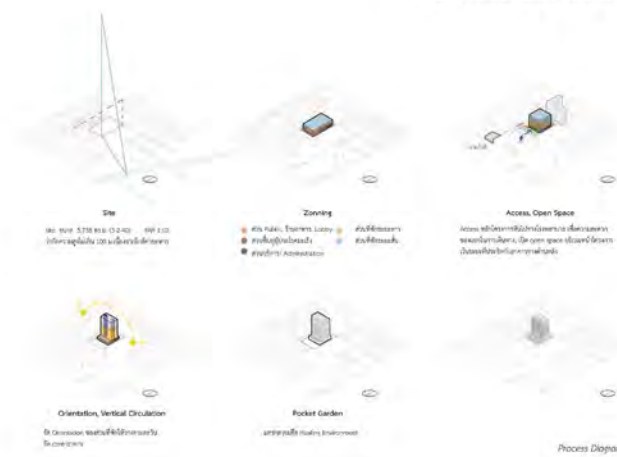
Songkklanagarind hospital is the largest tertiary care hospital in the Southern of Thailand. There are many patients coming to treat cancer and the number of patients tends to increase. However, most of the patients come from other provinces.

Cancer treatment is ongoing treatment consisting of surgery, chemotherapy and radiotherapy. Duration of treatment programs are around 4-6 weeks on consecutive days. These programs are out patient services so the patients have to find accommodation to receive treatment everyday. In addition, relatives of admitted patients in public wards and ICU are also lack of convenient and proper accommodation, causing to sleep down at the aisle or hospital public chairs.

Therefore, this project will provide rehabilitation area, accommodation for cancer patients who undergo medical services at this hospital and also accommodation for relatives of admitted patients who want to stay near the hospital.



ZONING DIAGRAM



PROCESS DIAGRAM



SECTION
Final Presentation



PERSPECTIVE
Final Presentation

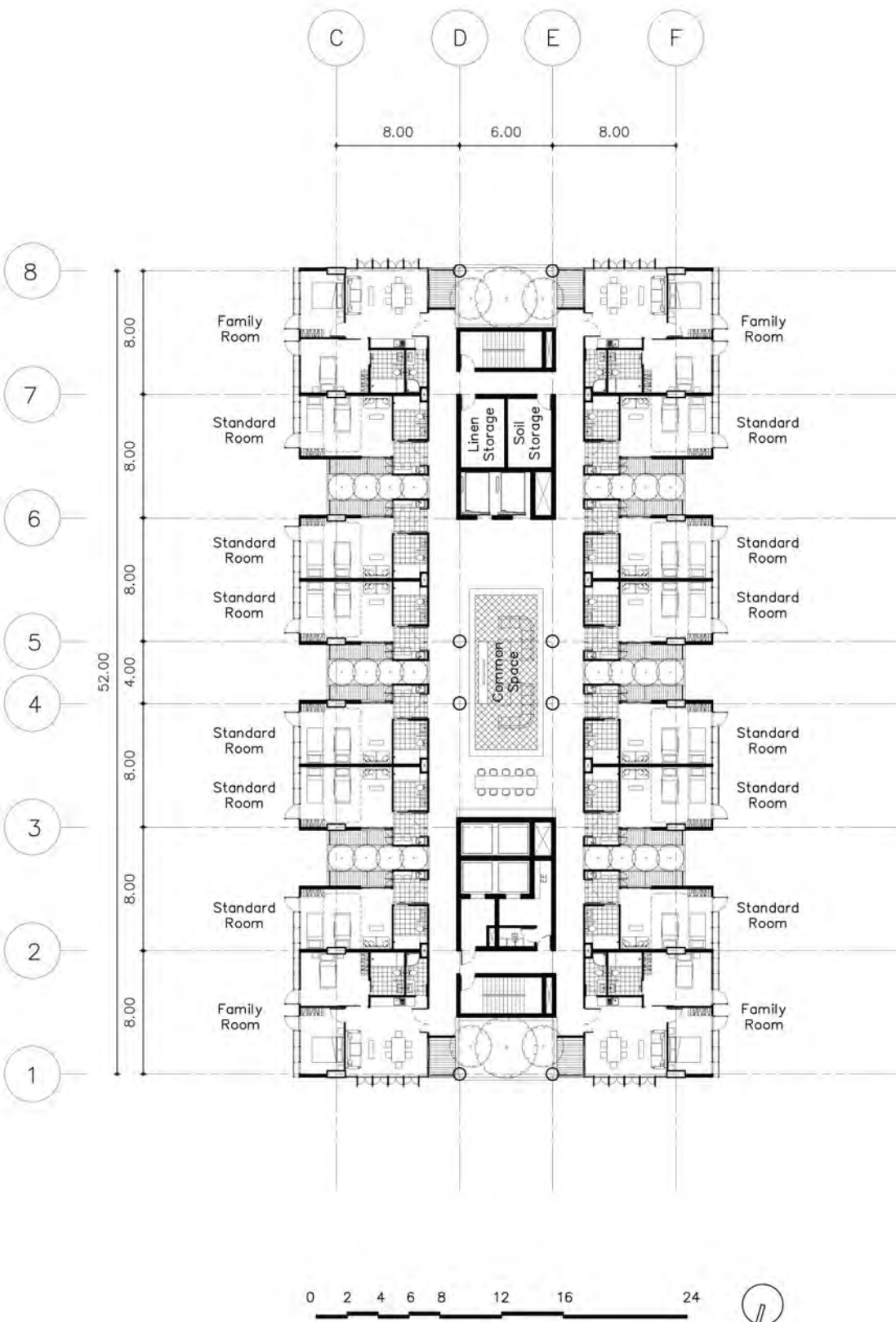
There are 2 main parts in this project which are residential area and rehabilitation service. Residential part are divided to accommodation for cancer patients and hotel for visitors. As there are various types of users, the design would focus on circulation system to provide security and privacy for each type of users.



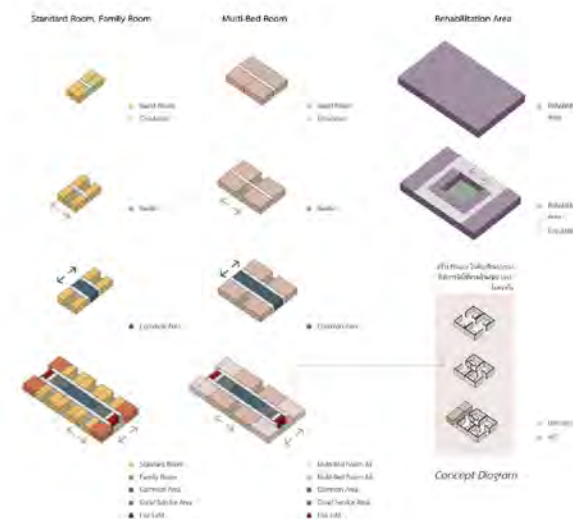
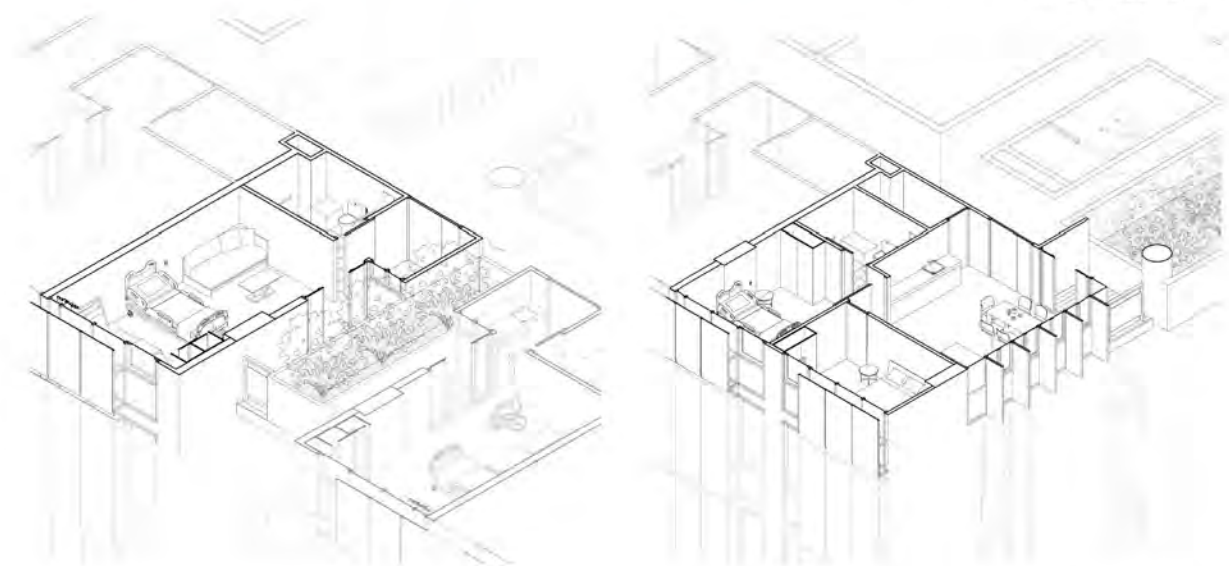
EXTERIOR PERSPECTIVE
Final Presentation



CANCER PATIENT ROOM
Final Presentation



CANCER PATIENT ACCOMODATION FLOOR PLAN
Final Presentation



Cancer patients are not only have physical symtoms but also psychological effects from the disease. Therefore, the Healing Environment Concept is a key design in this project, especially in patient accomodation to help reducing their stress.

Nature is a significant tool for the design. Each patient room can directly access to pocket garden as shown in the diagram. Each pocket gardens will be shared with a couple other rooms so the room layout is designed to provide private space for each one.

