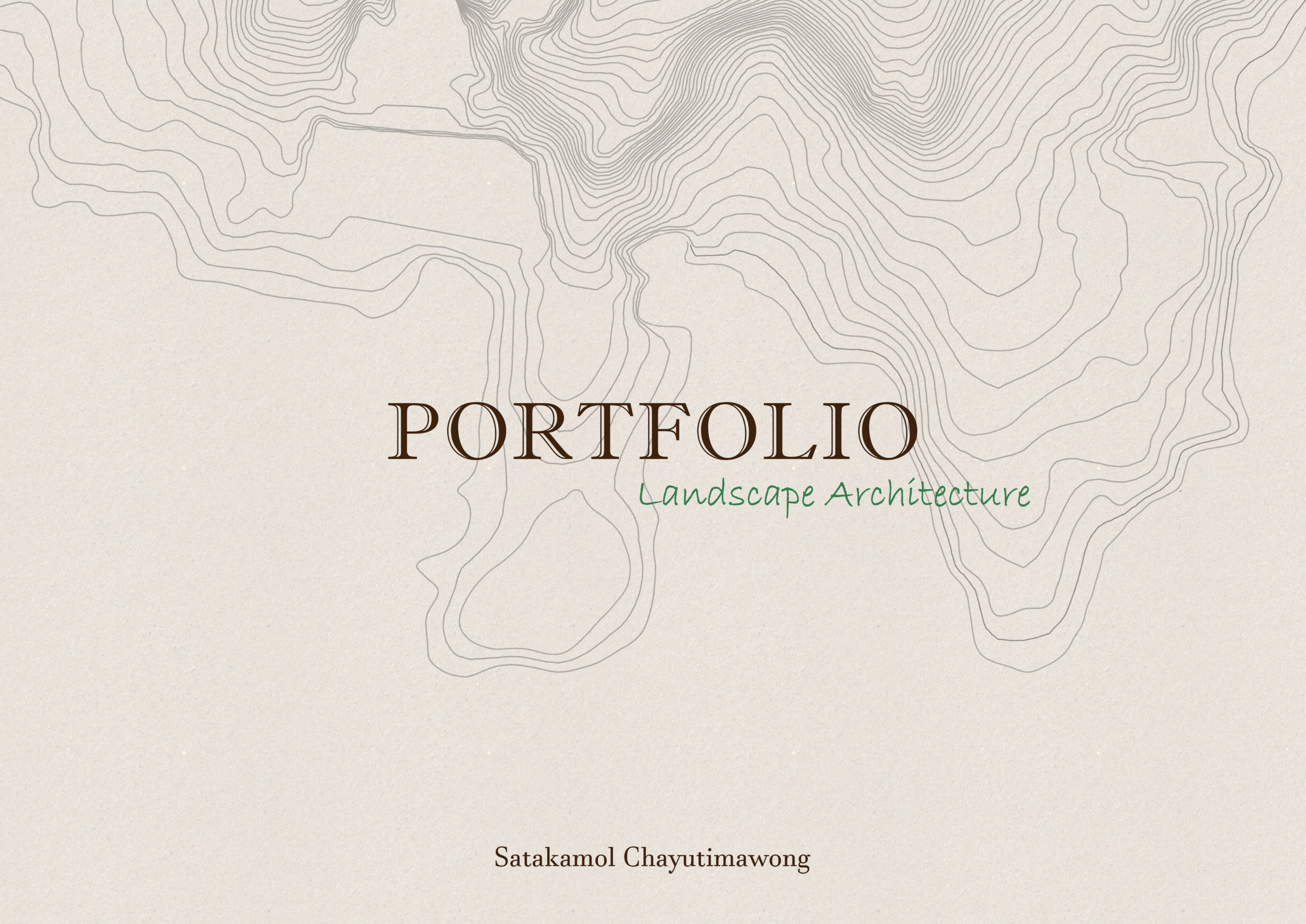


The background of the entire page is a light beige or taupe color. Overlaid on this background is a complex, organic pattern of thin, dark grey lines. These lines form a series of concentric, wavy, and irregular shapes that resemble topographic contour lines on a map, suggesting a landscape with varying elevations and terrain. The lines are most dense in the upper right quadrant and become more sparse towards the bottom left.

PORTFOLIO

Landscape Architecture

Satakamol Chayutimawong

ABOUT ME



PROFILE

Name : Satakamol Chayutimawong
Nickname : Zin
Age : 24 years
Languages : Thai, English

CONTACT

Mobile : 086-900-4285
Email : satakamol.ch@gmail.com
Address : 111/23 The L15 Condominium, Ladprao15, Chom Phon, Chatuchak, Bangkok, 10900

EDUCATION

University 2020 - 2025	Kasetsart University Bachelor of Landscape Architecture (B.L.A.) GPA 3.51 (1 st class honor)
High School 2019	Alma High School, Arkansas, USA One-year exchange student
2017 - 2018	Horwang School High School in Science & Math

EXPERIENCE

- Landscape Architecture Internship with Studio Taila (05/2024-07/2024)
 - Designed a temple's garden.
 - 3D Renderin, Perspective editing.
 - Create a 3D model according to the received design in SketchUp.
 - Research and analyze information to develop project design.
- Landscape development and planning Prachin Buri River to reduce flood risk and cope with global climate change.
- KU Dormitory's Open Space Design Competition at Kasetsart University.

SOFTWARE SKILLS



Autocad



Sketchup



Lumion



Photoshop



QGIS



Microsoft Office

CONTENTS

01 School Assignment: Thesis

Spectrum of Pattaya: Amusement Nighttime Theme Park



02 School Assignment

BLP's Friends Commercial center



03 School Assignment

Theme Park (Amusement Park)



04 School Assignment

Mixed-Use Bangna Garden Center



05 School Assignment

Riverside Ecosystem Learning Center



06 School Assignment

Kasetsart University Hospital



07 School Assignment

Small Scale Landscape Architecture Sketch Design



08 Other Works



01. Spectrum of Pattaya: Amusement Nighttime Theme Park

Project Data

Location	Na Jomtien, Sattahip, Chonburi, Thailand
Plot Area	188 rai

This project was designed to introduce a nighttime amusement park experience that positively enhances the city’s nighttime image. Also serves as a new landmark that stimulates the economy, expands entertainment choices, and introduces a fresh dimension to Pattaya’s nighttime tourism.





Theme Concept



“Discover the Colors of Pattaya”
A Nighttime Wonderland of
Nature, Culture, and Vibrance



Design Concept

PAST PRESENT FUTURE

SPECTRUM OF PATTAYA

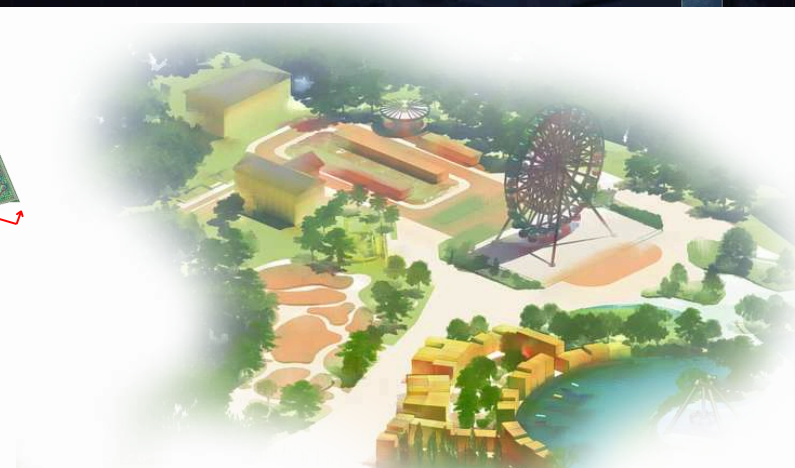


PAST
Cultural + Festival + Thai
styles + Vintage Design

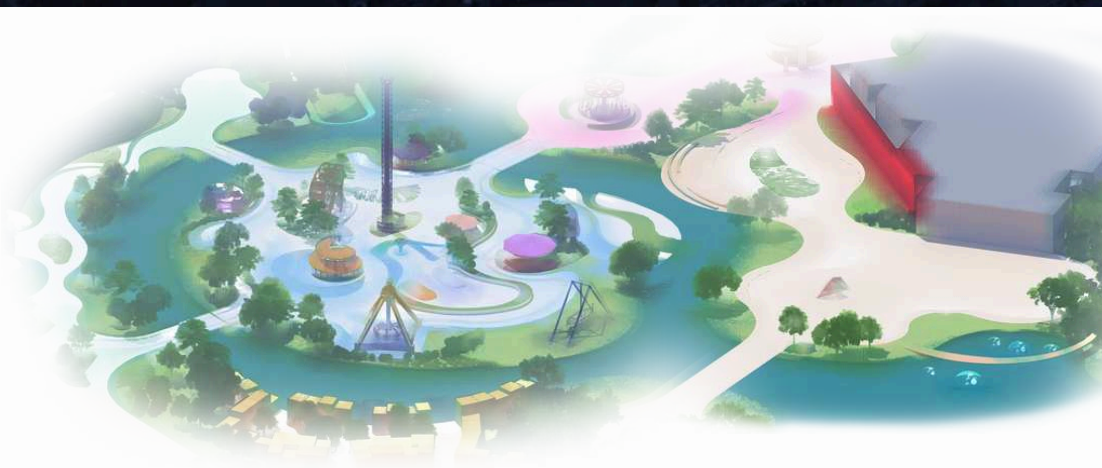
PRESENT
Natural + Lighting +
Organic Design

FUTURE
Entertainment + Neon
Lighting + Futuristic
Design

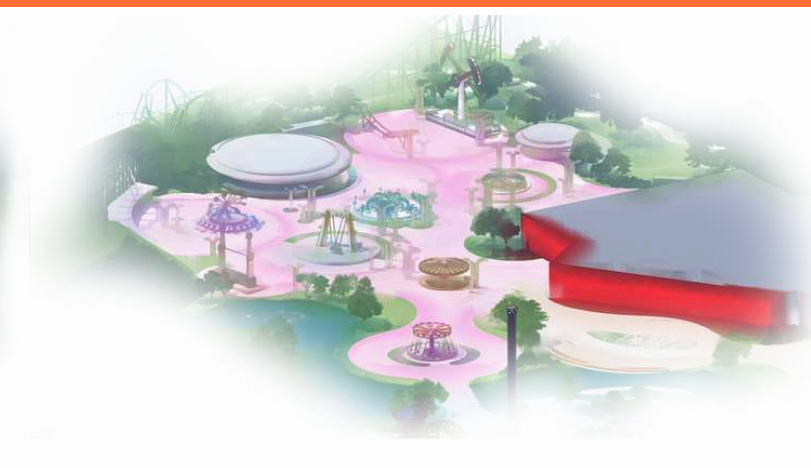
KEYPLAN



Flare Fest(ival) Zone

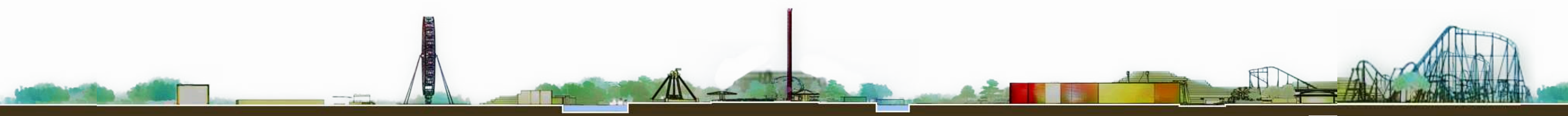


Lagoon Lumina Zone



Neon Pulse Zone

The Spectrum Orb Zone





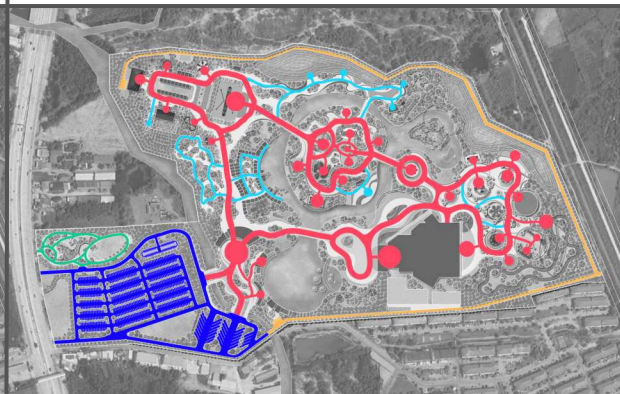
LEGEND

- 1 Spectrum Park
- 2 ที่จอดรถยนต์
- 3 ที่จอดรถจักรยานยนต์
- 4 ที่จอดรถบัส
- 5 Drop Off สำหรับรถยนต์
- 6 Drop Off สำหรับรถบัส
- 7 จุดขายตั๋ว
- 8 จุดตรวจตั๋ว เข้าออกสวนสนุก
- 9 Souvenir Shop
- 10 คาเฟ่ ร้านอาหาร
- 11 พื้นที่สำนักงาน
- 12 Theater
- 13 Spectrum Orb Zone
- 14 Flare Fest(ival) Zone
- 15 Lagoon Lumina Zone
- 16 Neon Pulse Zone
- 17 งานระบบ
- 18 ที่ฝึกพนักงาน
- 19 ทางเข้าออกส่วนบริการ
- 20 ส่วนบริการ
- 21 พื้นที่ว่างสำหรับ Over Flow

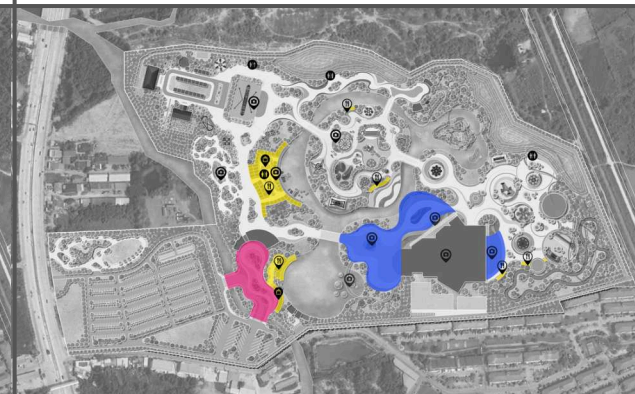
ZONING



CIRCULATION PLAN



FACILITIES MAP



RIDES LEVEL



RIDES ACCESSIBILITY



- Flare Fest(ival) Zone
- Lagoon Lumina Zone
- Neon Pulse Zone
- The Spectrum Orb Zone
- Welcome Zone
- Office Area
- Spectrum Park
- Service Area

- ทางสัญจรโดยสาร
- ทางสัญจรสำหรับส่วนบริการ
- ทางเดินหลักภายในโครงการ
- ทางเดินรองภายในโครงการ
- ทางเดินภายในสวน Spectrum Park

- พื้นที่ทำกิจกรรมพิเศษ
- พื้นที่พานิชยกรรม
- พื้นที่รวมพา
- ห้องน้ำ
- ร้านอาหาร คาเฟ่
- ร้านขายของที่ระลึก
- จุดถ่ายรูป

Thrill Level

- 1 Low
- 2 Mild
- 3 Moderate
- 4 High
- 5 Intense

Target User

- Flare Fest(ival) Zone
- Emerald Lumina Zone
- Neon Pulse Zone

- เครื่องเล่น
- เข้า - ออกทางเดียว
- ทางเข้า
- ทางออก

LIGHTING DESIGN



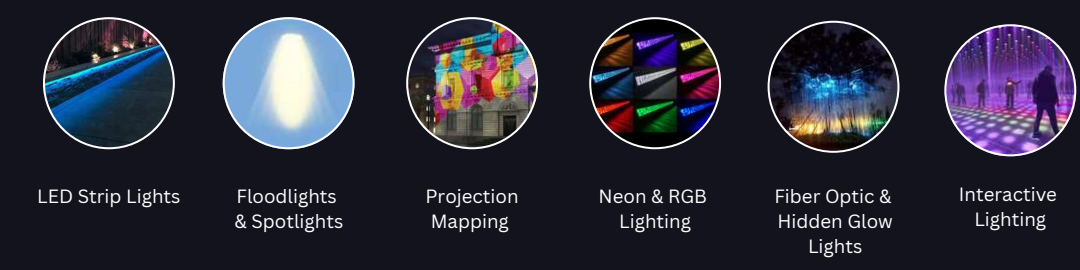
LIGHTING DESIGN CONCEPT

- Theme-Driven Lighting – การจัดแสงให้เข้ากับธีมของแต่ละโซน
- Immersive Experience – ใช้แสงเพื่อสร้างบรรยากาศสมจริง
- Dynamic & Interactive Lighting – แสงไฟที่ตอบสนองกับผู้เล่นหรือการเคลื่อนไหว
- Energy Efficiency & Sustainability – ใช้ไฟ LED ประหยัดพลังงาน ลดภาวะแสง

“Lighting Beyond Illumination”

- Flare Fest(ival) Zone : เน้นไปที่การใช้แสงสีเหลือง และการตกแต่งไฟในลักษณะของงานวัด
- Lagoon Lumina Zone : เน้นไปที่การใช้แสงสีฟ้า
- Neon Pulse Zone : เน้นไปที่การใช้แสงสีชมพูนิออน ม่วง ฟา

TYPES OF LIGHTS



02. BLP's Friends Commercial Center

Project Data

Location 228/3 Chakkraphong Rd, Talat Yot,
Phra Nakhon, Bangkok, Thailand

Plot Area 2.9 rai

This project is a part of the Urban Design group project.
This part is a commercial space for local people and tourists. It is a space to support local activities such as an exhibitions, event or workshop that related to the identity of Bang Lam Phu



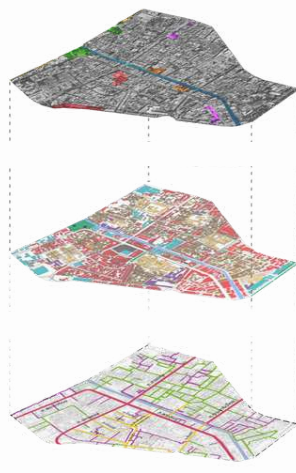


LEGEND

- 1 Indoor Commercial Building
- 2 Nighttime Bar Building
- 3 Pop-up Store Kiosk
- 4 Plaza
- 5 ค้างพิศมัย
- 6 บันไดทางเชื่อมสวนข้างฟ้า
- 7 Roof Garden
- 1 ทางเข้า Indoor Commercial Building
- 2 ทางเข้าจากท.โรสสิค
- 3 ทางเข้าออกอาคารสู่พื้นที่สวนในโครงการ

SITE ANALYSIS

ที่ตั้ง : แขวงตลาดยอด เขตพระนคร กรุงเทพมหานคร
ขนาดพื้นที่ : ห้าง 2.9 ไร่ ที่จอดรถ 1.4 ไร่



ศักยภาพ

- เหมาะสำหรับ Landmark เนื่องจากตั้งอยู่บริเวณแยกบางลำพู
- อยู่ติดกับอาคารจอดรถ
- อยู่ใกล้ถ.ข้าวสาร ถ.พระอาทิตย์ รองรับการเดินทางของนักท่องเที่ยว
- อยู่ติดถนนใหญ่ สามารถเข้าถึงได้จากหลายทาง
- สามารถใช้ประโยชน์จากอาคารรอบๆ ในเรื่องของร่มเงา
- พื้นที่ใกล้เคียงส่วนใหญ่เป็นร้านค้าเชิงพาณิชย์ ดึงดูดนักท่องเที่ยว

ข้อจำกัด

- ถูกล้อมรอบด้วยอาคาร ทำให้การมองเห็นพื้นที่ถูกบดบัง
- ถูกล้อมรอบด้วยอาคาร ทำให้อากาศถ่ายเทได้ยาก
- เดิมเป็นอาคารเก่า โครงสร้างไม่แข็งแรง
- ตรอกใกล้เคียง เล็กและเปลี่ยว ควรปรับปรุงเพื่อการเข้าถึงที่ดีขึ้น

PROGRAM

เพิ่มพื้นที่เพื่อส่งเสริมกิจกรรมเชิงพาณิชย์ของคนในพื้นที่และคนทั่วไป ตลอดจนการเป็นพื้นที่เพื่อรองรับการจัดนิทรรศการ จัดการแสดงอีเวนต์ต่างๆ รวมถึงการเพิ่มพื้นที่สีเขียวให้กับย่านบางลำพูเพื่อให้คนในพื้นที่และคนทั่วไปสามารถมาใช้งานได้

“ เป็น Commercial Space ที่รวมทุกอย่างครบจบในพื้นที่ ทั้งร้านอาหาร คาเฟ่ บาร์ ร้านขายของทั่วไป พื้นที่จัดแสดง และพื้นที่สีเขียว ”



PLANTING LIST



Wild water plum



Variegata



Leadwort



Malabar gooseberry



Indian Cork



Black Ebony



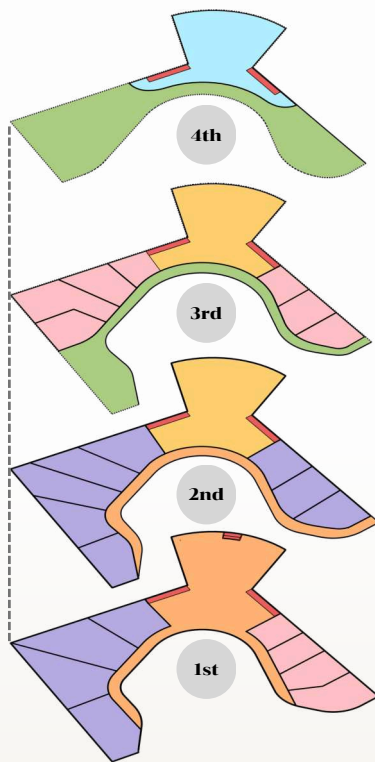
Anan



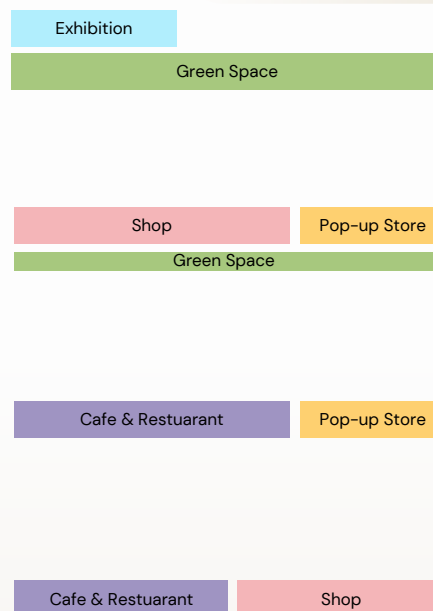
Gourd Tree



Pinwheel Jasmine



ZONING



Indoor Commercial Zone (Daytime)

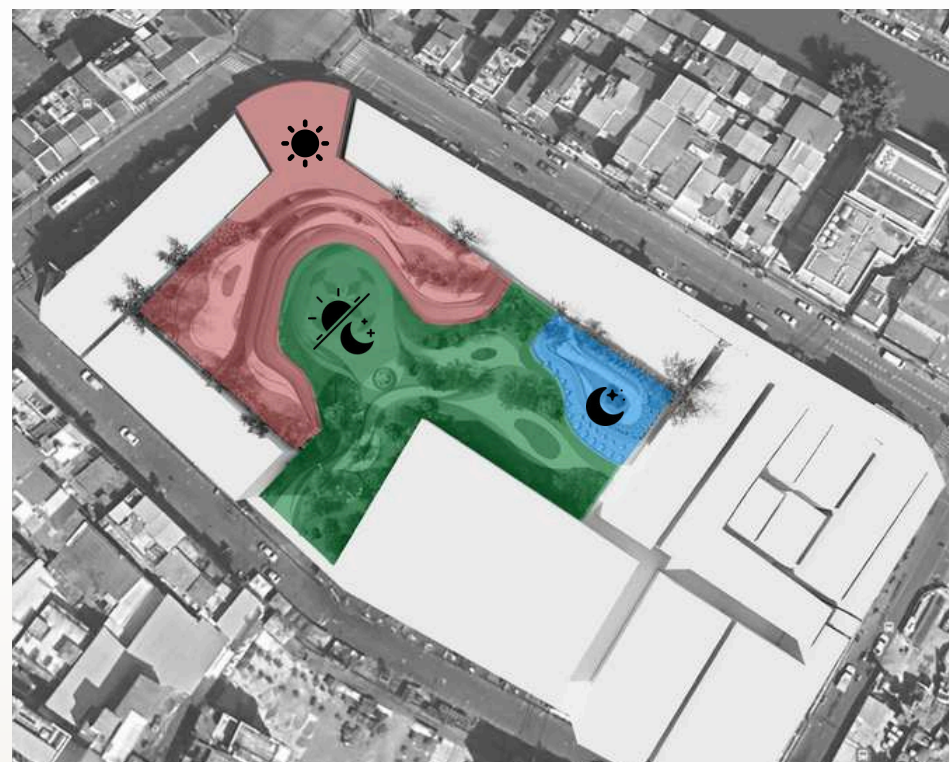
- Shop
- Restuarant
- Cafe
- Exhibition Area

In & Outdoor Bar Area (Nighttime)

- Bar
- Night Market (temporary)

Green Space

- Garden
- Plaza
- Retailing Kiosk
- Relaxing Area





This area consists of a rooftop garden and a large multi-purpose courtyard that uses the motif of the Lamphu flower as a highlight of the courtyard. It is a flexible space that can be adjusted according to its use, such as a music venue, an art exhibition, or a sales area for festivals or exhibitions.



The sitting area at the entrance is a place to relax and enjoy the birds and trees of the garden within the project.



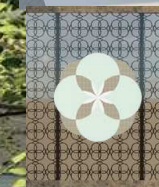
The Pop-up Store Kiosk area located in the garden area creates a different atmosphere from the commercial zone in the building.



This area located behind the original parking building, the wall of the parking building can be used as an outdoor movie screening area. There is also a rooftop garden with seating for relaxing or watching outdoor movies. There is a connecting staircase between the rooftop gardens of the two buildings.



The fountain area in front of the plaza is a transition point between going to the indoor commercial building or to the garden and bar area.



Using the pattern of the Lamphu flower as the building facade and floor pattern.



SECTION



03. Theme Park - Amusement Park

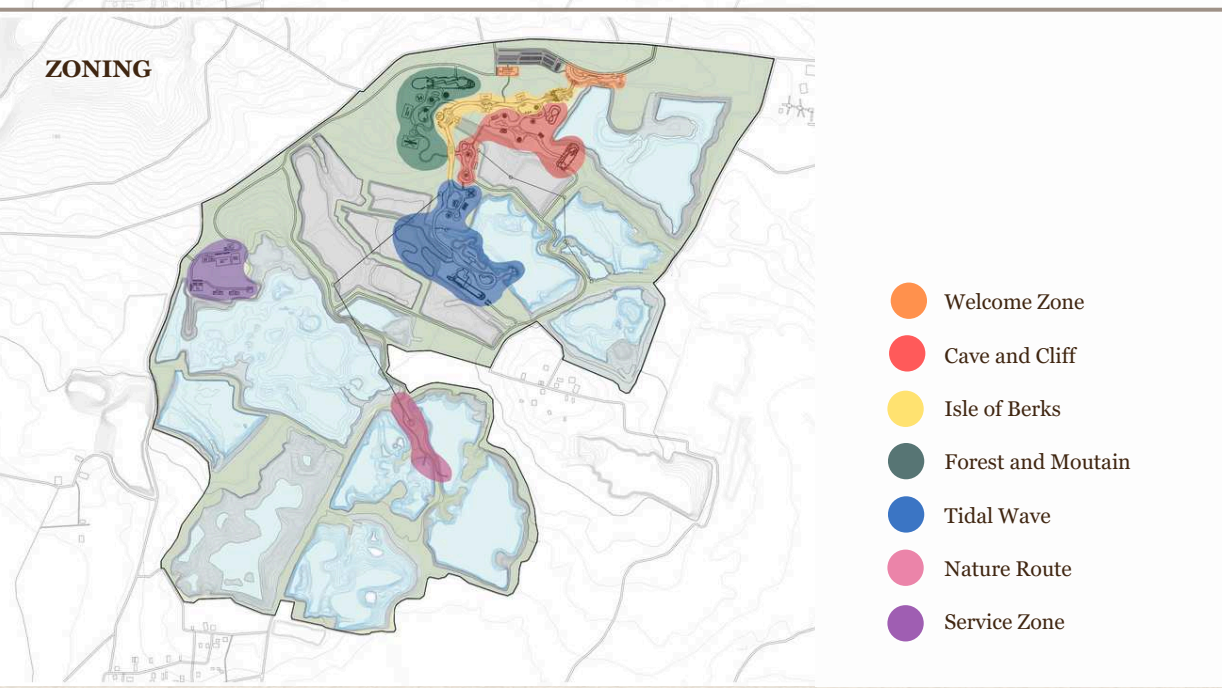
Project Data

Location Tambon Na Bua, Amphoe Mueang,
 Surin, Thailand

Plot Area 1800 rai

Project to rehabilitate the old basalt quarry area into an amusement park for the benefit of recreation for the people and tourism activities. Attract tourists from all over the country, including tourists from abroad into the area to bring income to the province.





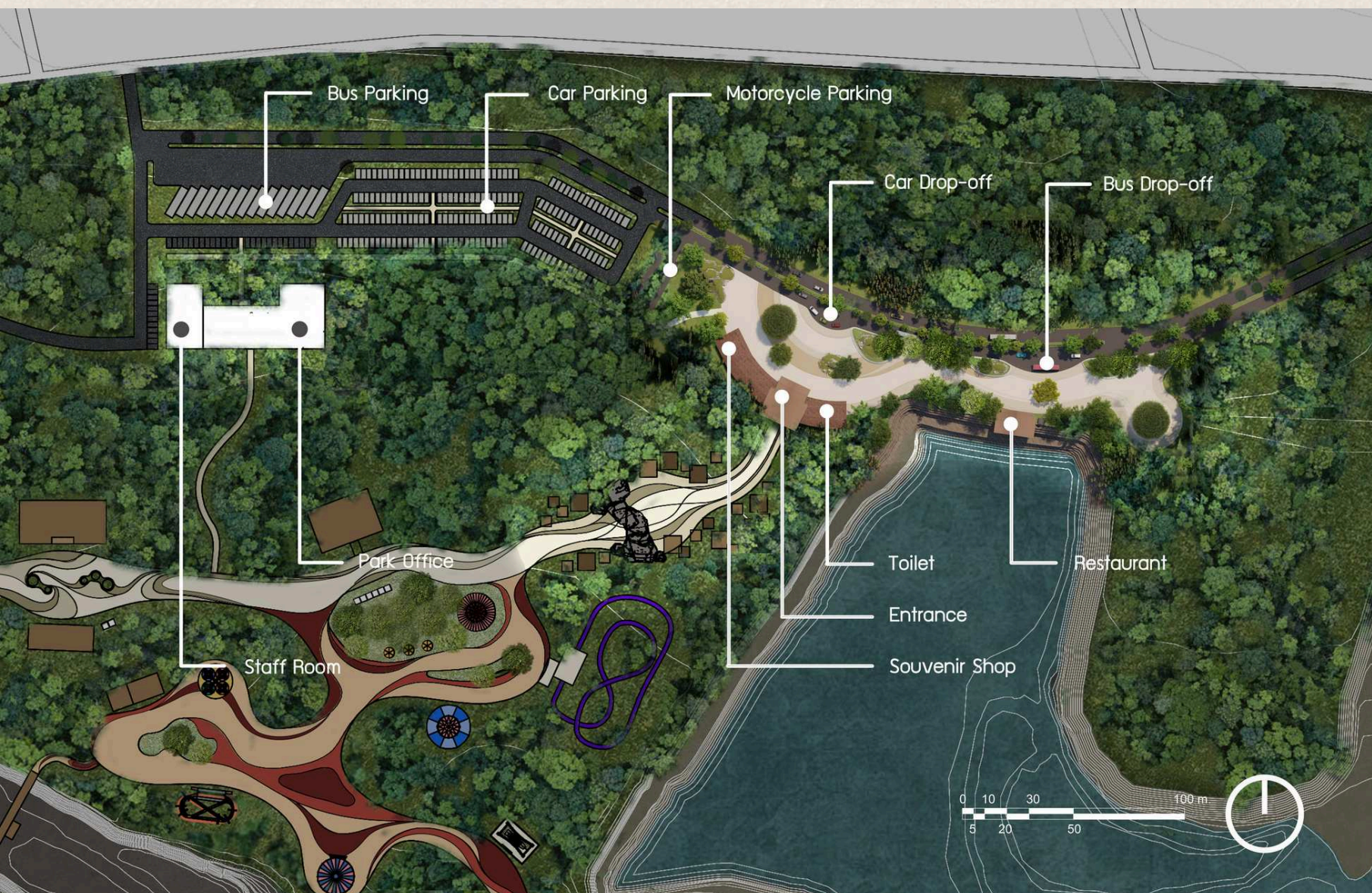
It is designed to be an amusement park that is convenient, safe and provides space for people to access nature while having fun in our amusement park.

CONCEPT

“Open the Gate to the World of Dragon”

The concept is designed to make visitors feel like they have fallen into the world of dragons from the first step that they get through the gates. Let them experience various attraction and the surrounded nature in this area.

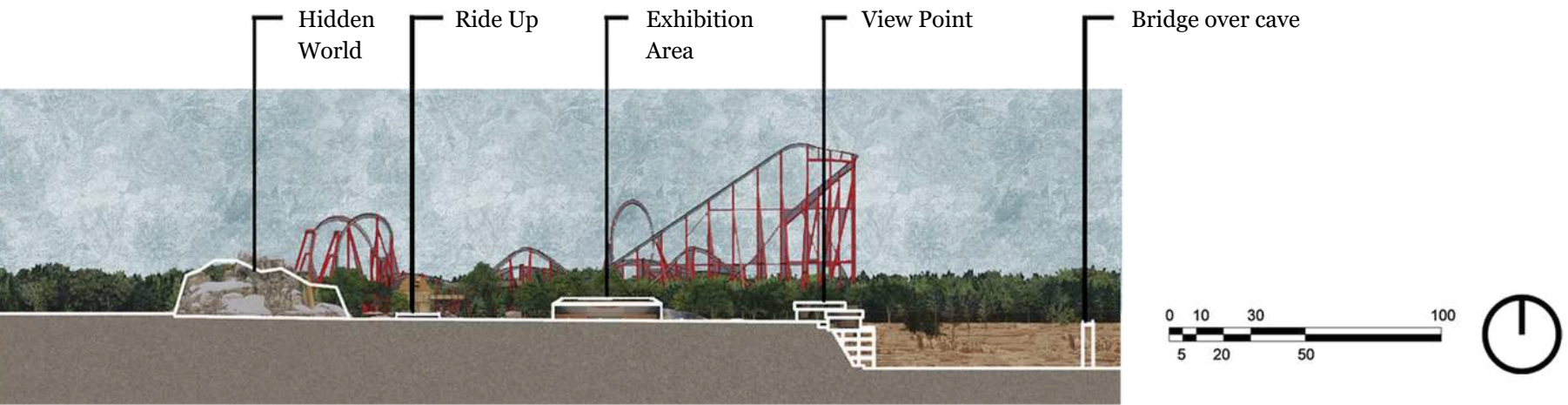




Welcome space with drop off for cars and buses. And an open space for accommodating people and being a gathering point for tourists. It is a point where you can see a view of the pond in the old quarry and the amusement park in the background.



This is the forest and mountain zone, based on the original topography here which is high hills. This zone is organized into an extreme play zone. A ride where you can see views of nature all around. such as a Ferris wheel, a roller coaster, etc. And decorated this area with dragon sculptures from the movie “How to Train Your Dragon”.



04. Mixed - Use Bangna Garden Center

Project Data

Location Bang Kaeo, Bang Phli District,
Samut Prakan, Thailand

Plot Area 67 rai

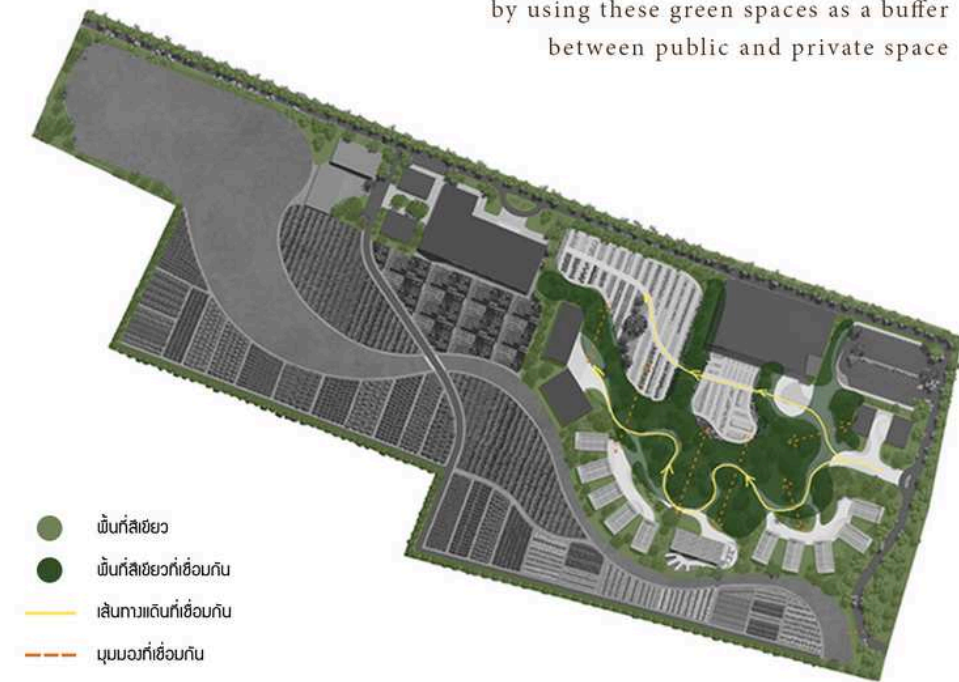
A garden center planning project design where the project owner is a large landscape construction company in Thailand and due to the weather crisis and epidemics, people are becoming more interested in the environment and gardening. Therefore, this project was created to sell agricultural products, breeding plant center for sell along with providing knowledge about landscaping from experts.



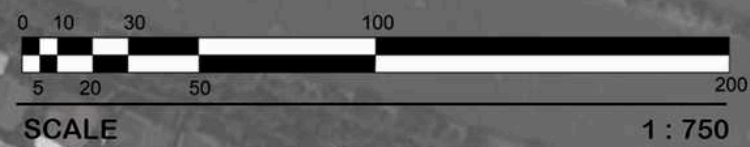
CONCEPT

“GREEN CORRIDOR”

Use green space to connect each area together. There are a part that you can walk to each area and a part that are visually connected but cannot be walked through by using these green spaces as a buffer between public and private space



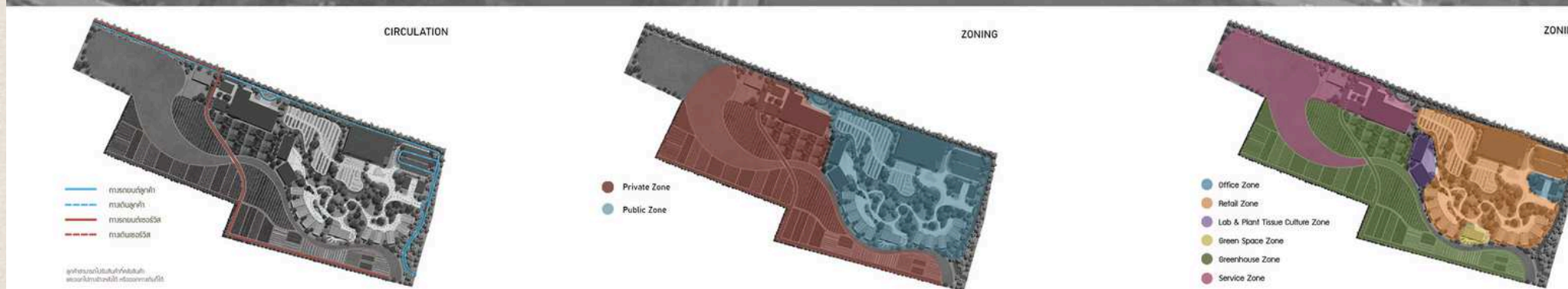
MASTERPLAN



A bird eye view perspective
show retail zone, both
outdoor and indoor area



A bird eye view perspective
show cafe and restaurant



พื้นที่ขายไม้กลางแจ้ง

พินทุ์ขายไม้ น้ำ ไม้ฟอกอากาศ
อุปกรณ์เพาะปลูก

สถานการณ์

ห้องประชุม ห้องทำงาน
Plant Hotel



Outdoor retailing zone have plants and agricultural equipment for sale. Designed so that every alley can be connected to each other. Makes it easier for customers to find products. And this retailing zone surrounded by greenspace so customers can see a natural view and feel relaxed.

This part is an area for exhibition garden and greenhouse where you can see many kind of garden, make you feel relax and inspired you to gardening.



There is Cafe & Restuarant here for customer who want to eat or take some rest from shopping



05. Riverside Ecosystem Learning Center

Project Data

Location Tambon Bo Thong, Amphoe Kabinburi, Prachin Buri, Thailand

Plot Area 123 rai

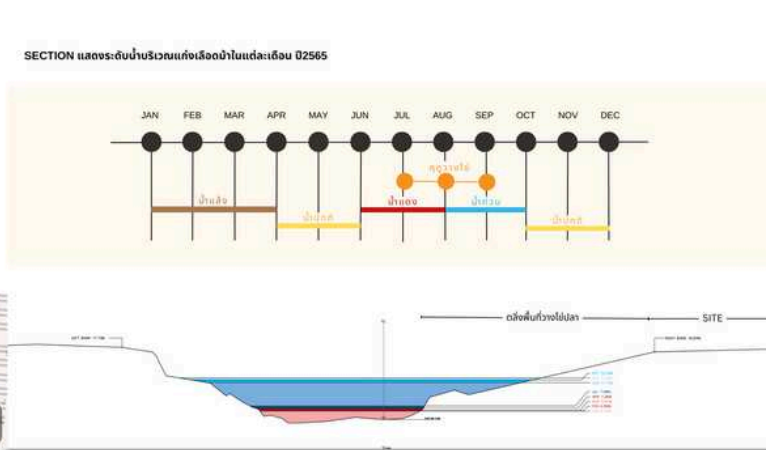
This area is Kang Lued Ma, which is fish spawning ground where fish often come to spawn during the spawning season. Therefore, we would like to preserve and conserve this ecosystem to continue, so that fish can come and spawning eggs and there will be more fish in the river. and make this area an eco-tourism destination that provides knowledge about fish, animals and plants in the aquatic ecosystem



MASTERPLAN

ที่จอดรถยนต์
ที่จอดรถบัส
พื้นที่ต้อนรับ
Information Center
วังปลา&เกาะนก
ทางเดินลอยน้ำ
อาคารวิจัยสัตว์น้ำ
พื้นที่เก็บอุปกรณ์
ที่จอดรถ service
ป่าปลูกใหม่
สวนป่าสงวนถาวร
หอดชมวิวสวนป่าสังขม้านัน
จุดชมรังนกกระจาวยาม
จุดชมนกและเรือนยอดไม้
หอดชมวิว
Try to be Bird
ศาลาพักผ่อน
สวนแม่
ป่าไผ่
Wetland
ปรับปรุงคุณภาพน้ำ
ป่าริมลำธารเดิม
พื้นที่หาดเดิม
ป่าริมลำธารเดิม

0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200



Experience the nature in many ways such as observation tower that let you experience point of view of birds, Bird hiding on ground that shows view of the tree canopy and bird nests hanging on tree, and a mesh mattress that gives you a view of the tree canopy from under the trees.





Fish Spawning Pond and Bird Island

It is retention pond that has the function of being a fish spawning area and habitats and feeding grounds for various types of birds And there is a walkway for people to explore the area.

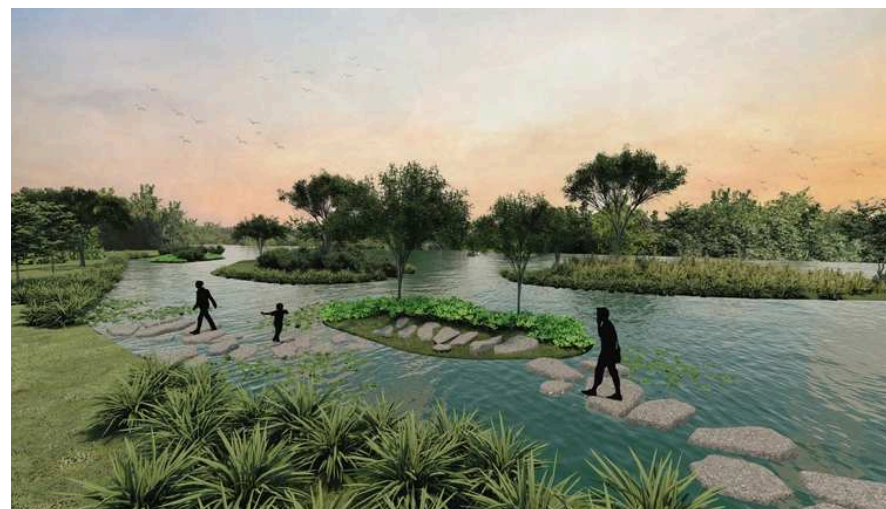


Bird eye view perspective that show retention pond, bird islands and information center. Let visitors experience the nature by watching and hearing the sound of surrounded nature Along with providing knowledge about the ecosystem of this area.



Treatment Wetland

To reduce wastewater problems and increase living space for fish and various aquatic animals. This is an area for doing various recreational activities.



06. Kasetsart University Hospital

Project Data

Location 50 Ngamwongwan Rd, Lat Yao,
Chatuchak, Bangkok, Thailand

Plot Area 47 rai

Area planning and landscape design project for the hospital and the Faculty of Medicine. That focuses on "Agricultural Medicine and Bioinnovation" along with designing a healing garden area for those who use the hospital.

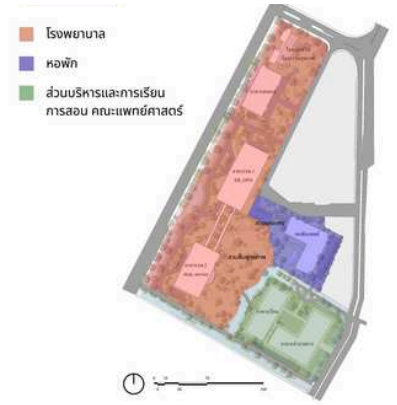


CONCEPT

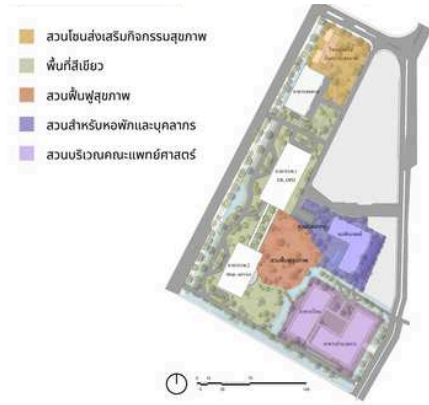
“ Feel the Nature ”

By planning the building to be surrounded by green space with various plants that allows patients to feel nature both visually and through other senses.

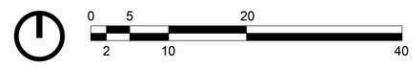
ZONING



GREENSPACE



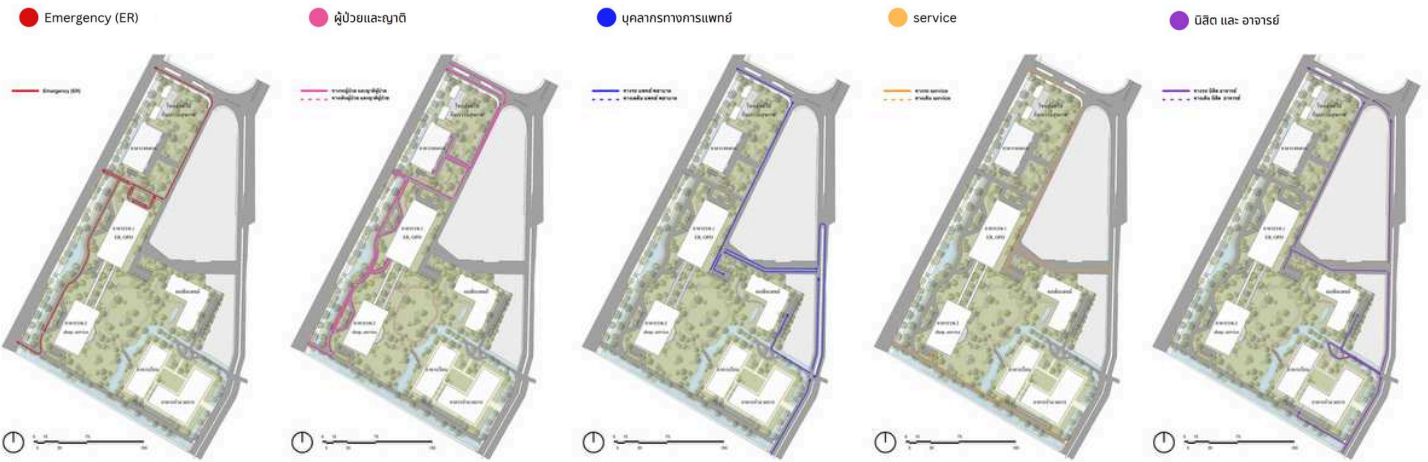
HOSPITAL ZONE



This garden area for physical walking therapy. Supports the use of both patients who be able to take care of themself and patients who need someone to take care of them closely

The walkway is the right size for your body and has handrails around the walkway. There is a way for viewers and a seats for sitting and resting.

There are different levels and slopes. and stairs for physical walking





These perspective show area in the Healing Garden



Grass hill under the shade of trees
Allow patients to sit and feel nature.



A seats in healing stone yard
Let patient walk on large and small stones
to help the physical therapist.



A seating area within the garden
for patients and visitors.



A seat in Fountain area surrounded by
various kind of plant

07. Small Scale Landscape Architectural Sketch Design

- Stray Dog Center in Suphanburi
- Garden Themed Coffee Shop
- Movable Garden
- KU Bus Stop
- KU Central Library Edible Roof Garden
- Dao Kra Jui Club
- Small Urban Farm



Stray dog center in Suphanburi

MASTER PLAN



- 1. Hospital
- 2. Storage
- 3. Service Building
- 4. Office
- 5. Adoption Center
- 6. Hospital Park
- 7. Parking Lots
- 8. Dog Cafe & Pool
- 9. Dog Hotel
- 10. Training and Learning Park
- 11. Staff House
- 12. Temporary shelter zone
- 13. Permanent shelter and hospice zone
- 14. Retention Pond
- 15. Incineration Area

PLANT SELECTION



Chlorophytum
Comosum



Nephrolepis Exaltata



Pandanus
amaryllifolius



Fagraea fragrans



millingtonia
hortensis



philodendron
giganteum



Rosmarinus
officinalis L.



Hibiscus rosa-
sinensis L.



Syzygium
antisepticum



Dolichandrone serrulata
(Wall. ex DC.) Seem.

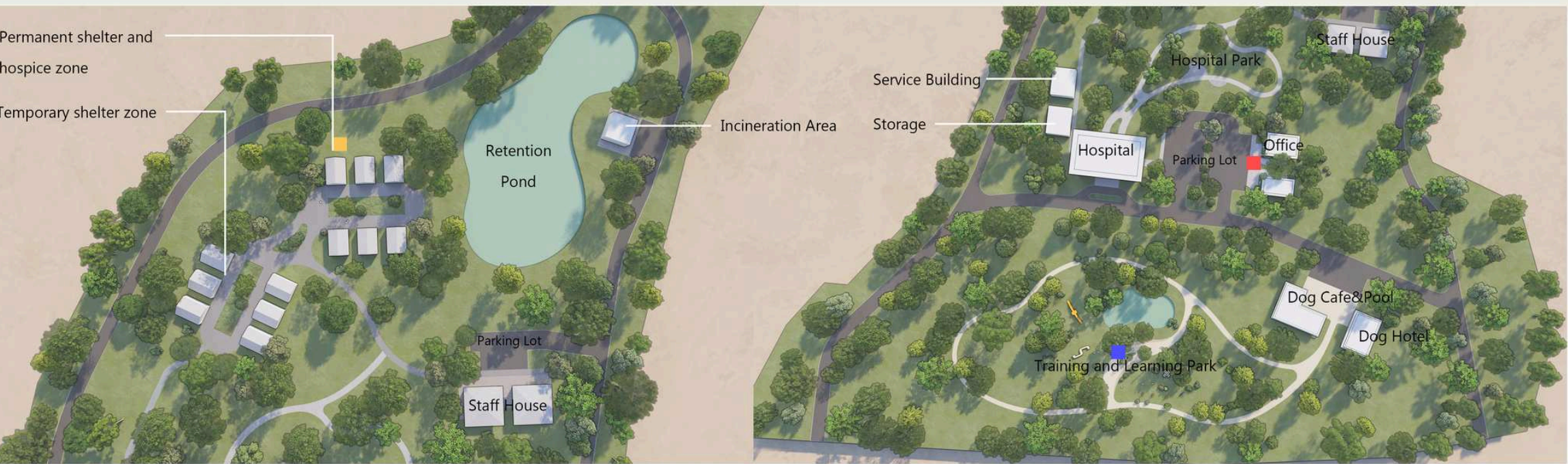


Michelia alba DC.



Pterocarpus
macrocarpus

DETAIL PLAN



GARDEN-THEMED COFFEE SHOP

MASTERPLAN



MATERIALS

Stamped Concrete



Granito Tiles



Wood Plastic Composite (WPC)



This coffee shop design base on Modern Tropical Garden Style.
Each seat has its own space providing privacy.
You can see the garden area from every seat.

PERSPECTIVE



PLANT SELECTION



Nephrolepis cordifolia (L.) Presl



Chlorophytum comosum



Philodendron sp.



Agave spp.



Ophiopogon japonicus (L.f.) Ker Gawl.



Schumannianthus dichotomus (Roxb.) Gagnep.



Cordyline fruticosa.



Archontophoenix alexandrae



Dracaena cochinchinensis (Lour.) S.C. Chen.



Syzygium antisepticum

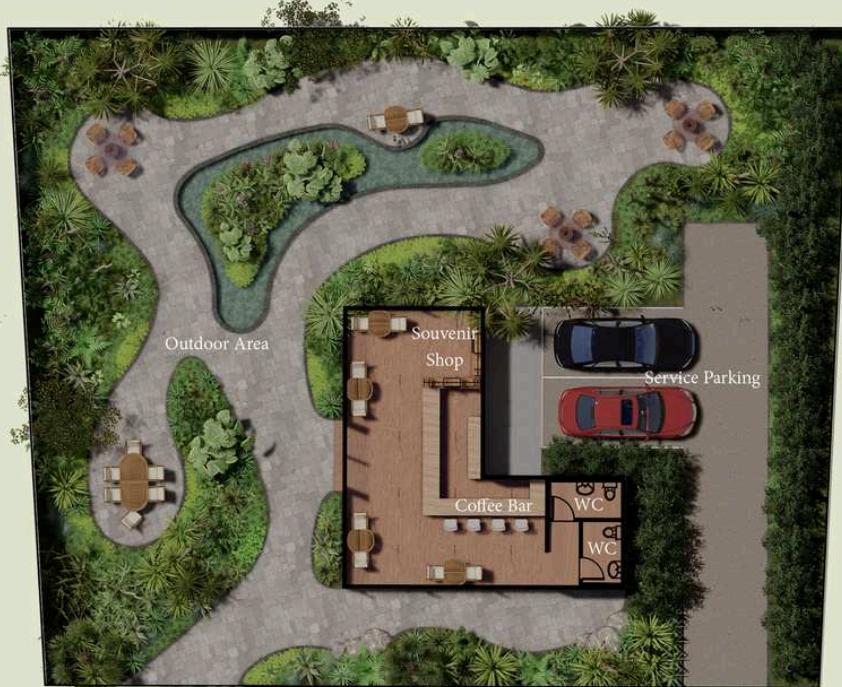


Dolichandrone serrulata (Wall. ex DC.) Seem.



Michelia alba DC.

DETAIL PLAN



Moveable Garden

Concept

Most of people that live in apartment or condominium don't have green space. The only part of the outside area is the balcony. Most of them are used as a washing area. This designed to use the least space and there is a supplementary function as a basket to collect clothes pegs.



Crassula



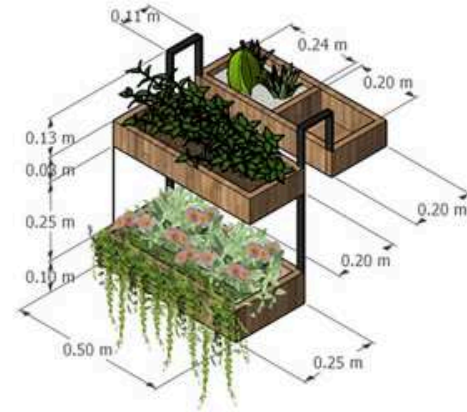
Cactus



Spanish Moss



Petunia



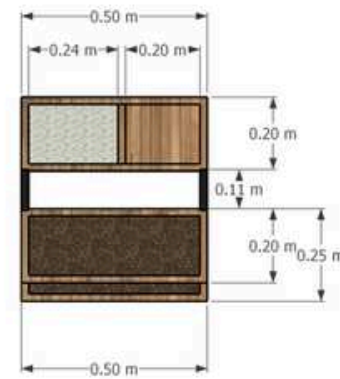
Materials



Aluminium



Wood



KU Central Library Edible Roof Garden

PLANT SELECTION



Ocimum tenuiflorum



Ocimum basilicum Linn



Brassica rapa subsp. *pekinensis*



Melissa officinalis



Coriandrum sativum



Capsicum annuum 'Bird's Eye'



Brassica oleracea var. *sabellica*



Allium cepa var. *aggregatum*



Pandanus amaryllifolius



Schefflera arboricola (Hayata) Merr.



Plumbago auriculata



Cuphea hyssopifolia Kunth



Chamaecyparis lawsoniana



Leucophyllum frutescens (Berland.) I. M. Johnst.

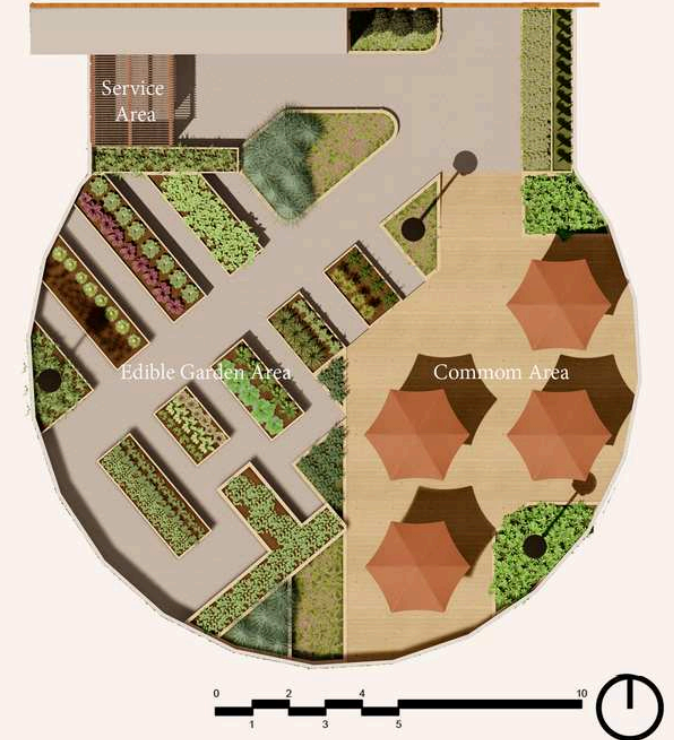


Telosma cordata

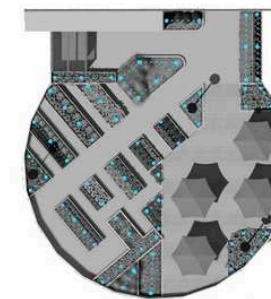


Senegalia pennata

PLAN

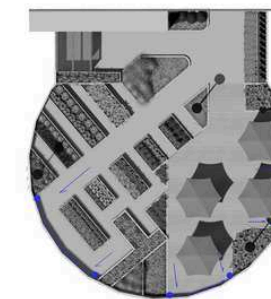


Water/sprinkler System

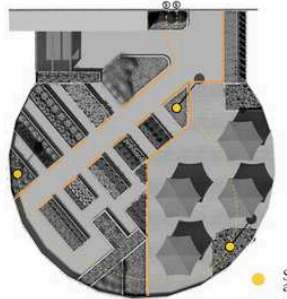


● Drip line

Drainage System



Lighting System



● Straight aluminium pole
— LED Strip light

KU BUS STOP

This bus stop designed to make people around it can easily access the bus stop. Even behind it you still clearly see if the bus have arrived or not. There are 4 seats and space for a wheelchairs. On top of the bus stop has planting bed to make it more attractive and colorful. We use green color which is the color of KU to represent the identity of Kasetsart University

SITE ANALYSIS



The site is located near the cafeteria and the Faculty of Agro-Industry, make it easy for people to access the bus stop. This area is the part that receives sunlight all day, there are some that are shaded by trees.



ISOMETRIC



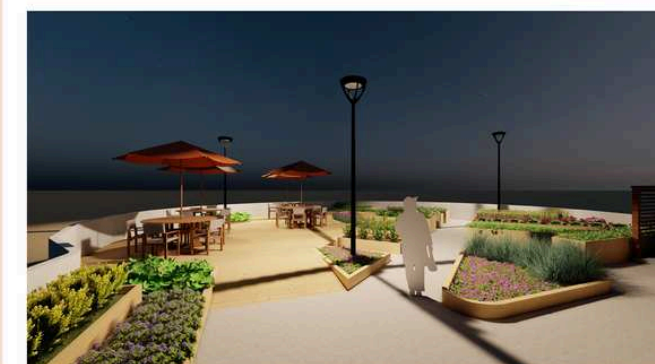
PERSPECTIVE



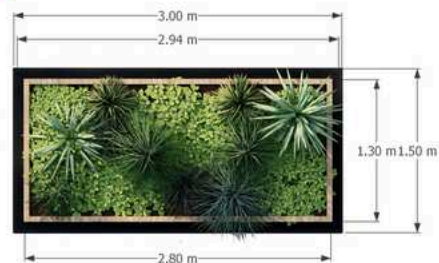
PERSPECTIVE



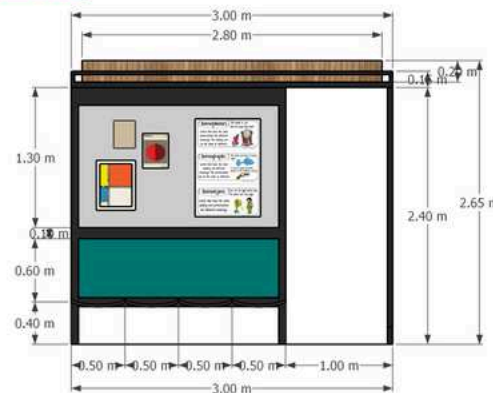
Common area on the elevated deck. Each table has its own sunshade from the umbrella. This space can be used in day & night time. It is surrounded by all the planting bed offer a view of the garden



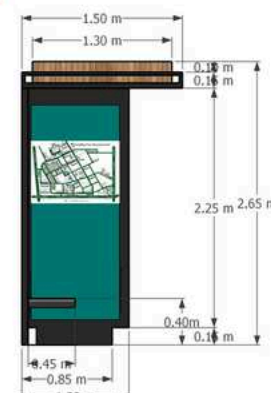
TOP



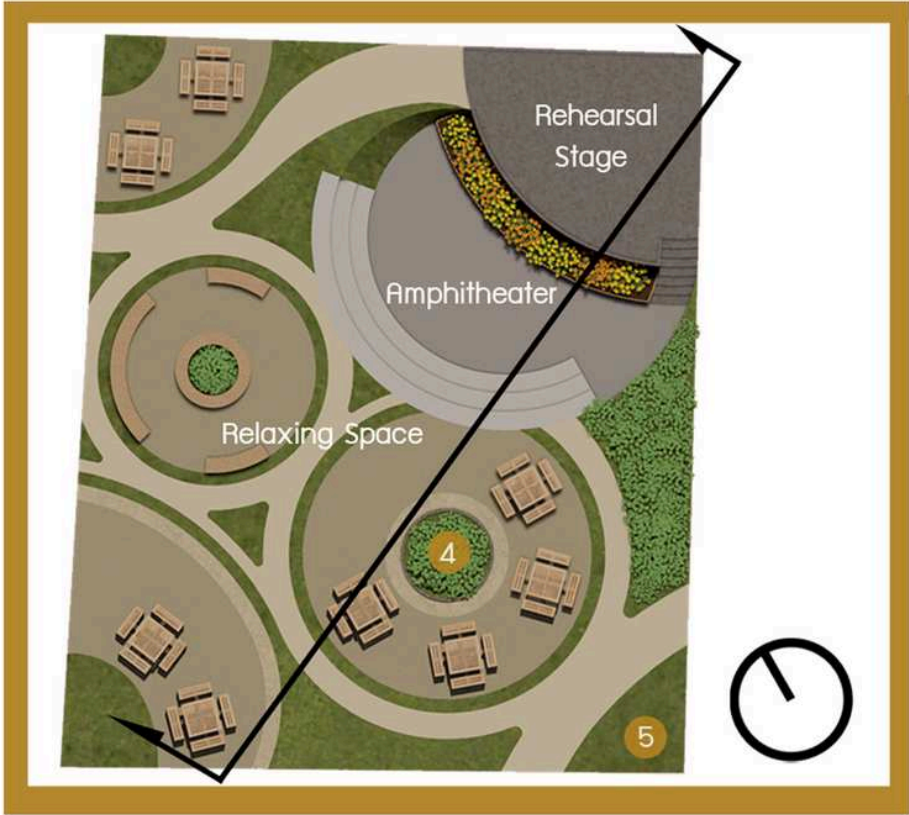
FRONT



SIDE



DAO KRA JUI CLUB



PERSPECTIVE



SECTION



PLANTING LIST



- 1 Millingtonia hortensis L. f.
- 2 Peltophorum pterocarpum
- 3 Tagetes erecta L.
- 4 Piper sarmentosum Roxb.
- 5 Zoysia matrella (L.) Merr.

PERSPECTIVE



SECTION A



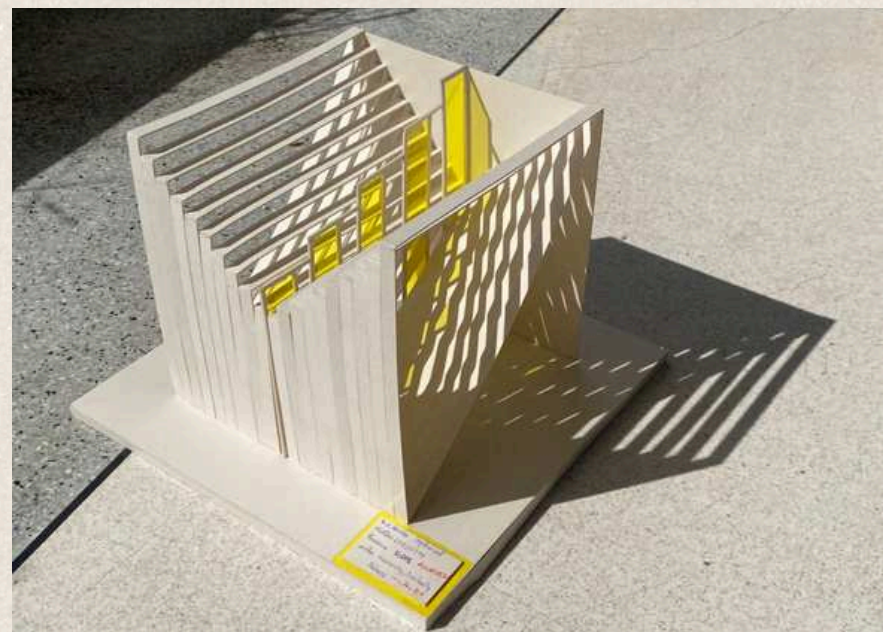
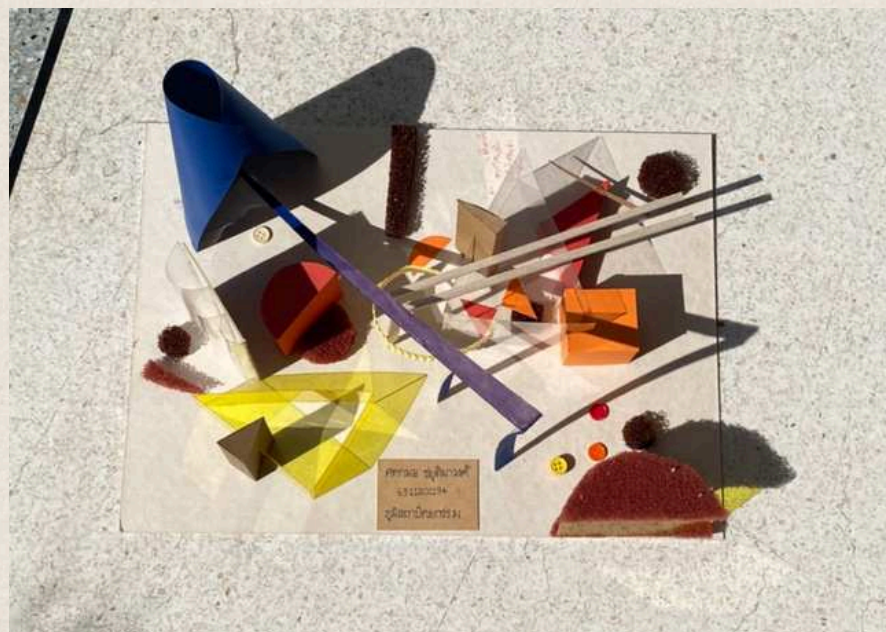
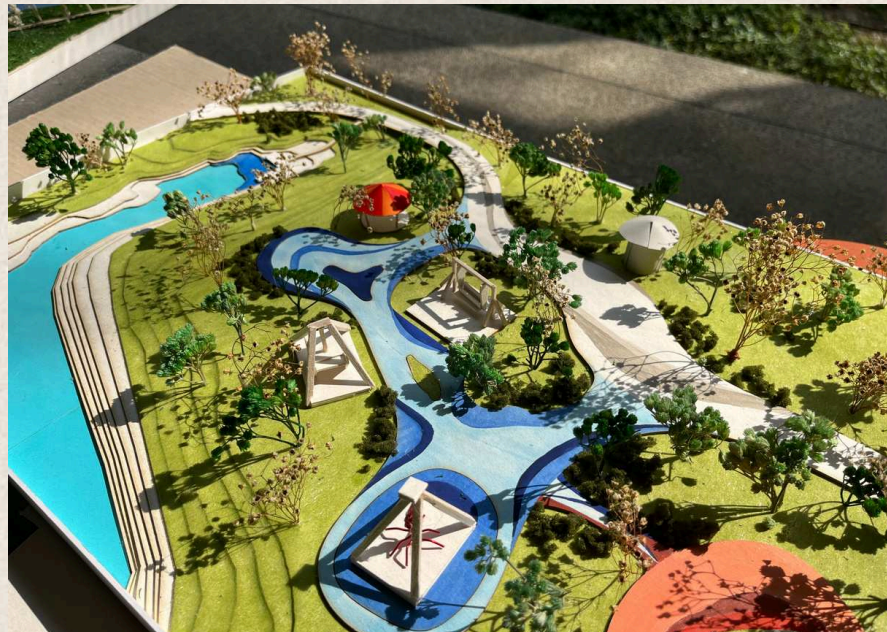
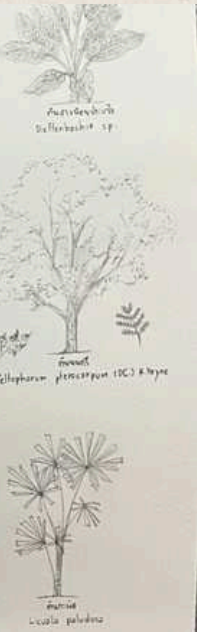
SECTION B



SMALL URBAN FARM



08. Other Works





Thankyou

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