

Year 2019 - 2023

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PortFolio

Landscape Lighting Design

by Thada
Raksawong



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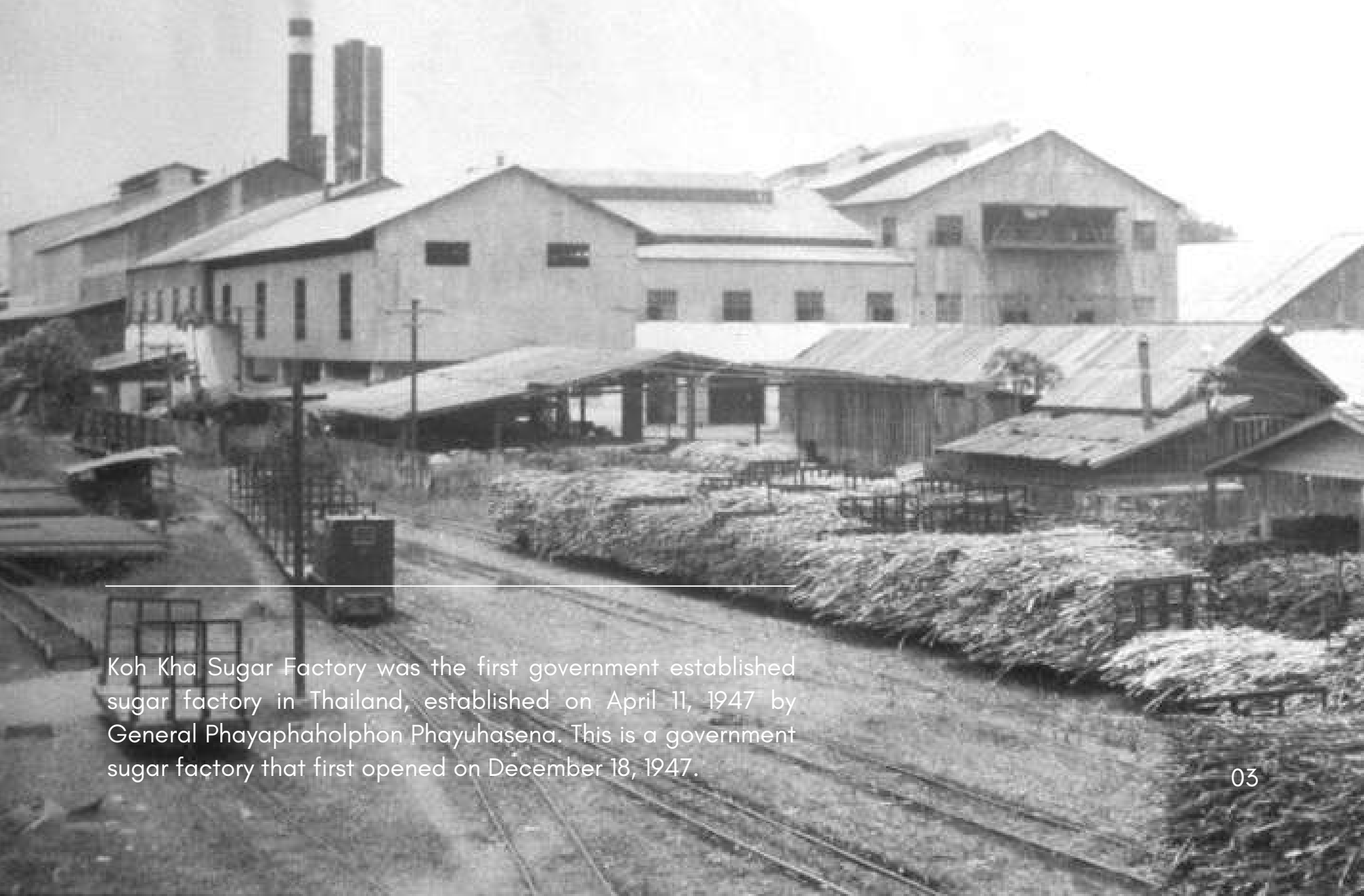


04

Freelance

01 : Koh Kha Sugar Factory, Lampang

2022-2023



Koh Kha Sugar Factory was the first government established sugar factory in Thailand, established on April 11, 1947 by General Phayaphaholphon Phayuhasena. This is a government sugar factory that first opened on December 18, 1947.



Project Information

Category : Brownfield, Park
 Area : 42 rais (67,200 sq.m.)

Advisor

Natthawadee Temeeyakul
 Winyu Charoensantiphap

Site Location

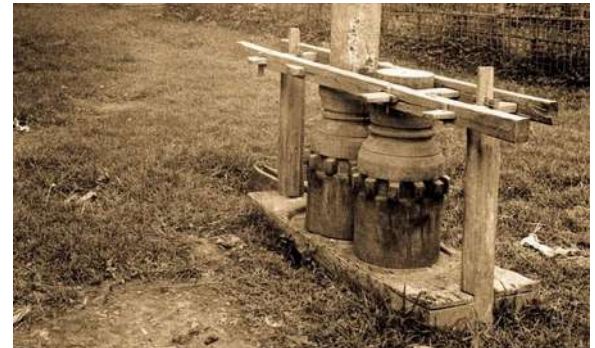
Ko Kha Sugar Factory area, Located next to Road 1034, the Main Road that cuts through the Front of the Project area. Surrounding the Project area are Communities, Educational institutions, Government offices. and the Project area has the History of the area The Original Building Style that can be restored to a useful use.

Past Activities

2022-2023

The Koh Kha Society before the Establishment of the Sugar Factory It is Characterized as an **Agricultural Society** whose main Occupation is Sugarcane Cultivation due to the Condition of the area in Ko Kha District. It is Characterized by sandy loam soil. And at that time there was no Modern white Sugar Factory. Thailand has to Purchase white Sugar from Abroad for Consumption. As a result, the government ordered Sugar Factories from Czechoslovakia. was established in Ko Kha District, Lampang Province in the year 1937

"Agricultural
Society"





"Facilities System"

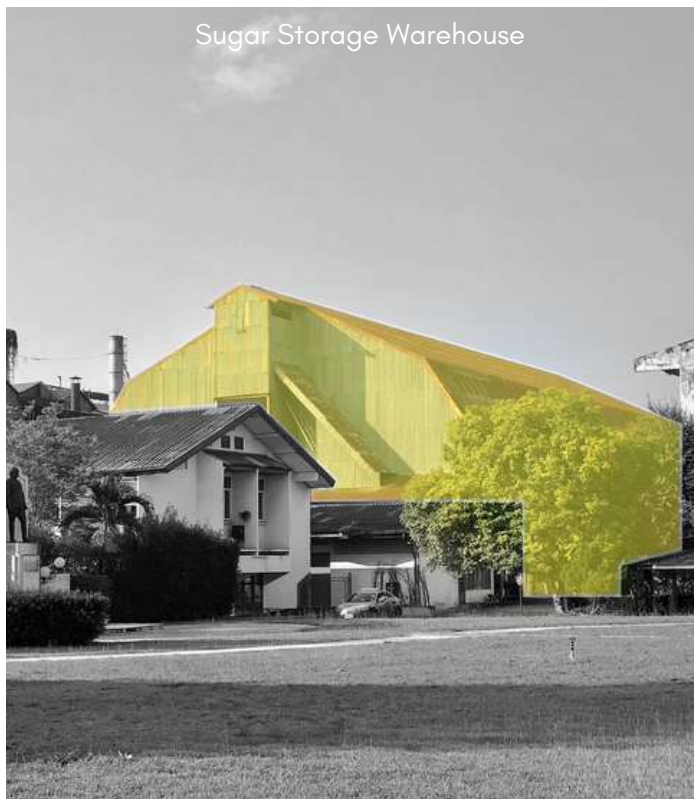
Present Activities

Koh Kha Society after the Establishment of Sugar Factories This is a Society where people from different cultures move to the Surrounding area of the Project. The **Facilities System** has been Relocated to the Surrounding area of the Project, as the Project area is an area that Generates Income for People Looking for jobs.

Site Potential

2022-2023

- A group of unique old buildings and a façade that represents the area of the first sugar factory in Thailand. It is suitable for building renovation and development of activities that meet the needs of surrounding communities.
- The wang river area can be easily accessed because There is a walkway along the river Suitable for making areas to connect communities on both sides
- The lawn area in front of the factory is suitable for creating a co-working space for school children. Due to contact with Koh kha kindergarten School



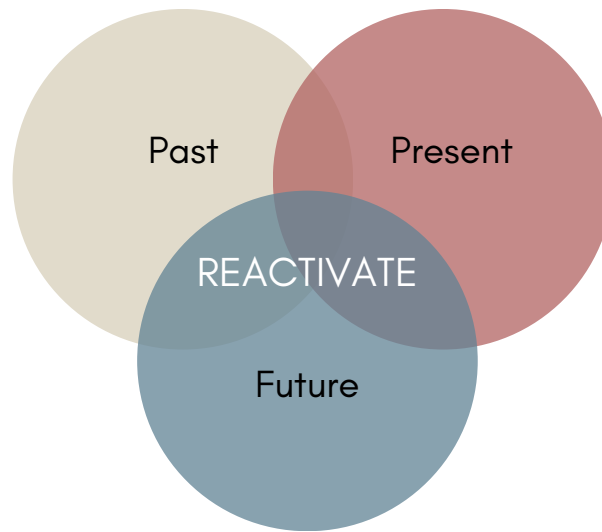
Site Problem

2022-2023

- The entrance to the project is in the curve of Road 1034, resulting in an accident for project users.
- Area contaminated with molasses or molasses result in BOD values in water in areas prone to wastewater if not properly treated.
- The project area suffers from wastewater quality problems caused by community activities, such as pouring contaminated water from cooking into natural water sources.
- Stall area obscures the view of the secondary entrance to the project The area lacks regulation and management.



“THE REACTIVATE ALL TIME”



Koh Kha Sugar Factory It is very important to the Koh Kha community. Because it is a job creation area, generate income for Koh Kha communities in the past until closing After the establishment of the factory Prosperity began to come into the community such as hospitals, markets, but now the area is abandoned and not useful.

Thus leading to the concept of **“THE REACTIVATE ALL TIME”** to tell the story and uniqueness of the Ko Kha community through the Ko Kha Sugar Factory area from the past - present and in the future, with Reactivate as a linking story.

Community Zone

- 1 อุบลราชธานีสะพาน
- 2 สวนประวัติศาสตร์
- 3 อาคารเสริมรายได้ชุมชน
- 4 อาคารสโมสรชุมชน
- 5 สวนบำบัดผู้สูงอายุ
- 6 สนามเปตอง
- 7 อาคารกัญชาลำปาง
- 8 สนามหญ้าอเนกประสงค์
- 9 สนามเด็กเล่นชุมชน
- 10 อาคารห้องสมุดชุมชน
- 11 อาคาร Co-Working
- 12 ลานประดิษฐาน

Recreation Zone

- 13 Outdoor Gym
- 14 Amphitheater
- 15 Open Lawn
- 16 Promenade
- 17 แกรนด์โพลี
- 18 ลานน้ำพุ
- 19 จุดชมวิว
- 20 สนามหญ้าอเนกประสงค์
- 21 สนามฟุตบอล
- 22 สนามนาสเกตบอล
- 23 สนามแบดมินตัน
- 24 สนามตะกร้อ
- 25 อาคารพักผ่อน / ห้องน้ำ

Factory Zone

- 26 อาคารกีฬาในร่ม
- 27 Sugar Park
- 28 ลานประวัติศาสตร์
- 29 อาคารทรรพวิธี
- 30 Wetland Playground
- 31 Playground A
- 32 Playground B
- 33 Pavilion
- 34 Molass Pavilion
- 35 Sugar Exhibition

Service Zone

- 36 บ่อนรักษาความปลอดภัย
- 37 ที่จอดรถยาน
- 38 Overflow Parking
- 39 ที่จอดรถยนต์
- 40 อาคารเก็บอุปกรณ
- 41 อาคารพักพนักงาน
- 42 อาคารเก็บขยะ
- 43 ที่จอดรถยนต์พ่วงท้าย



Detail Zone A

Detail Zone B

Detail Zone C

Detail Zone D

Koh Kha Bridge

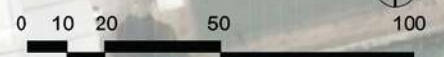
Wang River

1034 Rd.

TBL Distribution Center

A

B



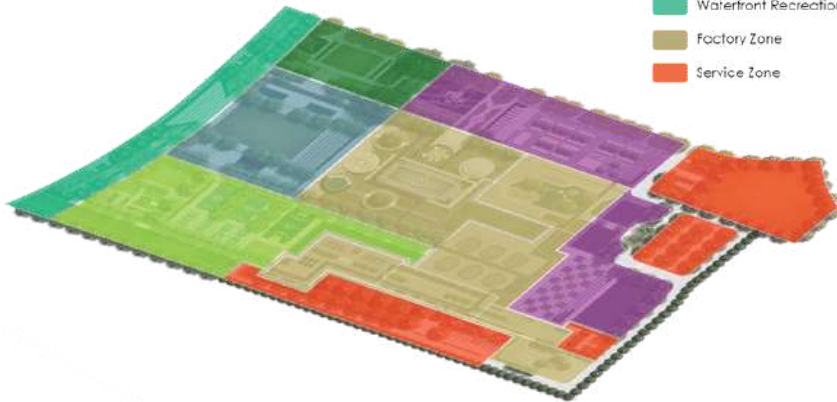
SCALE 1:750

System Plan

2022-2023

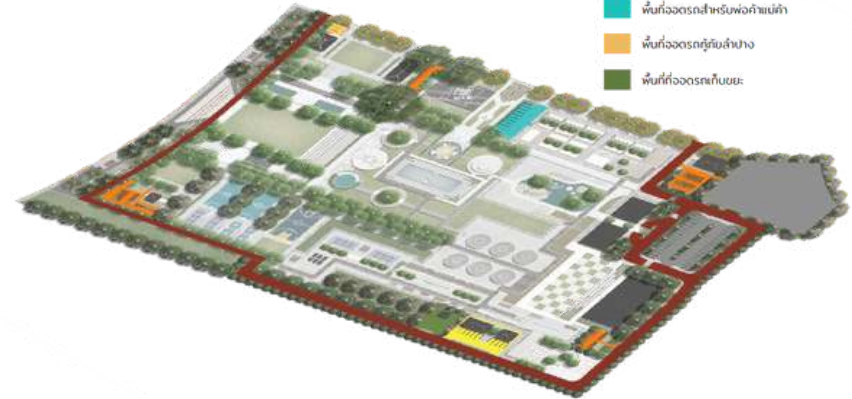
Zoning

- Community Zone
- Recreation Zone
- Recreation Passive Zone
- Recreation Active Zone
- Waterfront Recreation Zone
- Factory Zone
- Service Zone



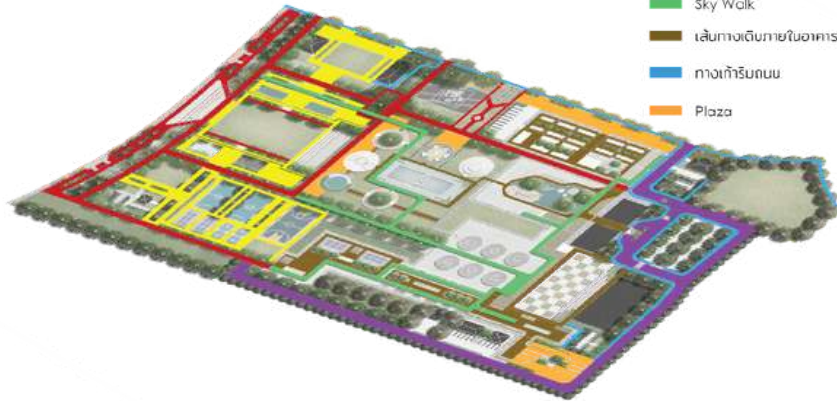
Service Circulation

- เส้นทางรถยนต์สี่ล้อระบบบริการ
- พื้นที่จอดรถยนต์พนักงานในโครงการ
- พื้นที่จอดรถจักรยานยนต์ / จักรยาน
- พื้นที่จอดรถยนต์
- พื้นที่จอดรถสำหรับพ่อค้าแม่ค้า
- พื้นที่จอดรถผู้รับส่งของ
- พื้นที่จอดรถพิเศษ:



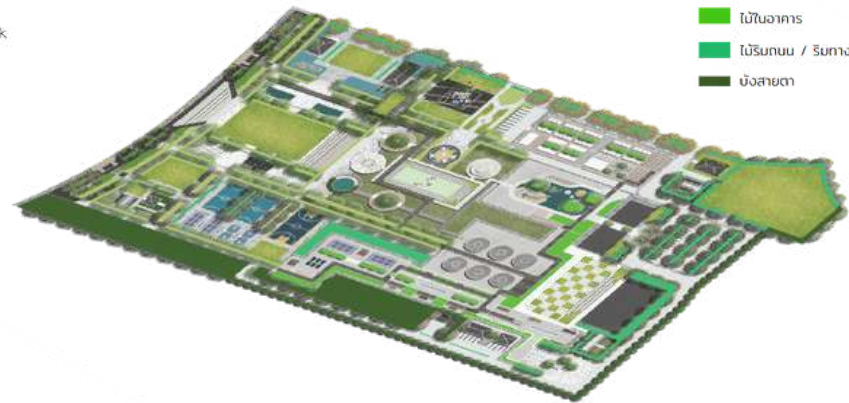
Circulation

- เส้นทางเดินหลัก
- เส้นทางเดินรอง
- ทางรถยนต์ ขนาด 6.00 M
- Sky Walk
- เส้นทางเดินภายในอาคาร BoardWalk
- ทางเท้ารับถนน
- Plaza



Planting

- พื้นที่พืชมักับัดน้ำ
- พืชสายตา เหน็บแทน
- ไม้สำหรับผู้สูงอายุ
- ไม้ริมน้ำวิ่ง
- ไม้ใบอาหาร
- ไม้ริมนถนน / ริมน้ำ
- บึงสายตา



Detail Design A

2022-2023



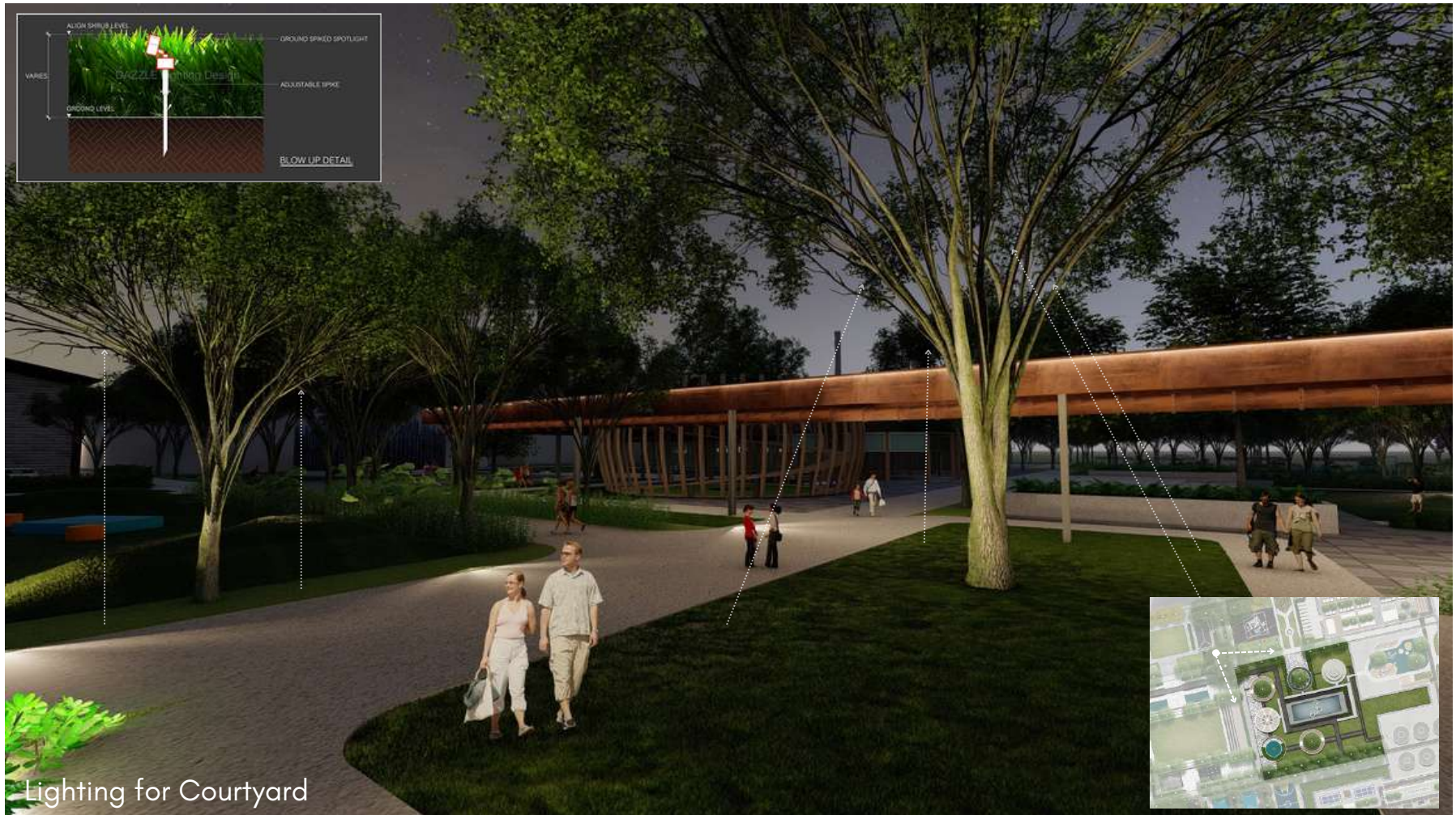
The white sugar warehouse building has a large steel structure architecture and is located next to a walkway and the road. Therefore, there is a lighting design idea for this building. By using illumination, the focus is on **the vertical lines of the architecture**. So that users passing by can get a feel for the dimensions of the architecture.



Thanks for the picture from ; www.facebook.com/DazzleLightingDesign

Detail Design B

2022-2023



Within the project area There is a **Giant Chamchuri Tree** which was important to the project area in the past. Because it is a space for workers to meet, talk and relax. For this reason, there was an idea to design the lighting in the area around the Giant Chamchuri Tree. By using light to illuminate the trunk. Or you may add some hanging tree lights. So that the tree is the point that draws the eye from the walkway.



Thanks for the picture from ; www.facebook.com/DazzleLightingDesign

Detail Design C

2022-2023



Lighting Design for Outdoor

Open Lawn, an area for picnic and relaxing, is an area surrounded by a walkway. For this reason, there is the idea of designing lighting in the walkway and lawn by using **Astropek** lamps installed along the walkway. To make walking users feel safe and to define the area boundaries in each section more clearly



Thanks for the picture from ; www.facebook.com/DazzleLightingDesign

Detail Design D

2022-2023



Lighting Design for Outdoor

Plaza is a gathering space. In the past, it was an area for transporting sugarcane to the sugar factory. And there are some traces of the railroad tracks remaining. For this reason, there is an idea for designing the lighting in this area. To highlight the importance of this area in the past. By installing lights in the old railway tracks.



Thanks for the picture from ; www.facebook.com/DazzleLightingDesign

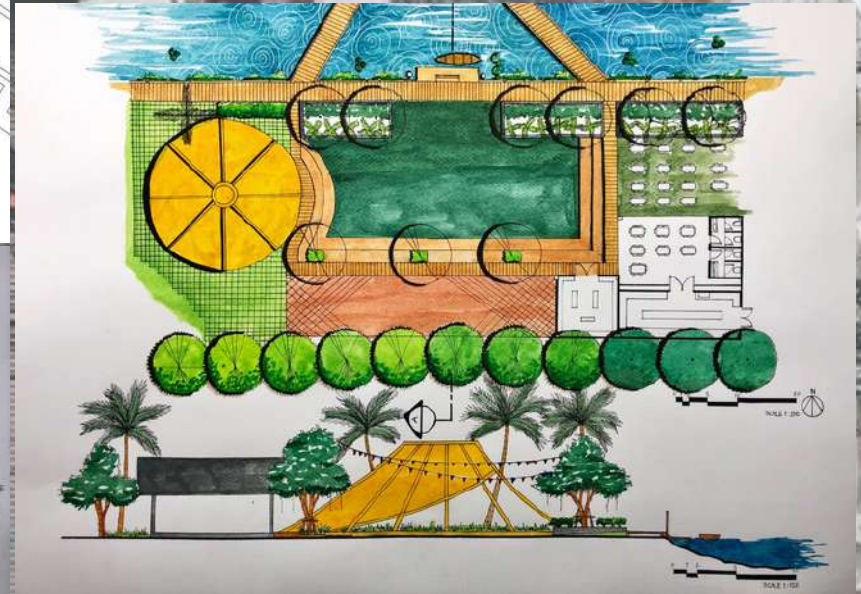
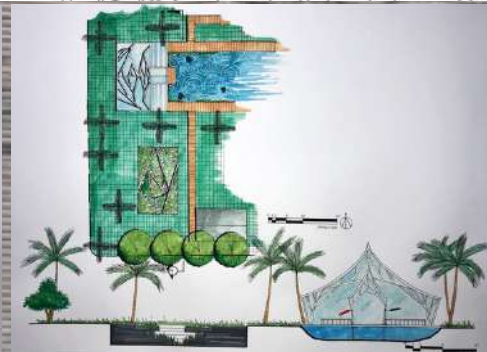
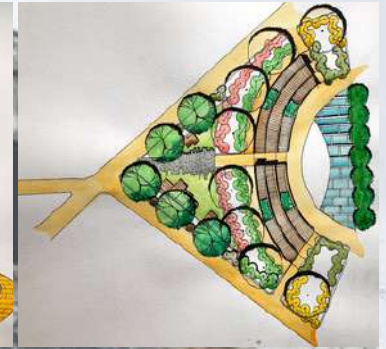
02 : Internship at Redland-scape.Ltd.

Internship during the 3rd year in the Design Development position, responsible for a site inspection of condominium projects, developing designs to be able to actually build, selecting hardscape materials, preliminary appraisal of government projects.



03 : Hand Work

2021



Project Information

Category : Park and Recreation
Area : 10.63 rais (17,008 sq.m.)

Advisor

Associate Professor Pawin Sirisali

Project Information

Advisor

Category : Zen Garden
Area : 900 sq.m.

Associate Professor Supanut Dejnirattisai

Decorate the Atmosphere in the Middle of the Old Library Building,
Thammasat University Rangsit Campus





"Characteristics of Nature"

It is a garden that imitates the characteristics of nature in a limited space. Such as creating a representation of Mount Fuji, and the surrounding greenery, such as mountains and hills, hill garden landscaping provides a variety of sensory dimensions than other styles.



Zen gardens, also known as dry gardens or rock gardens, are based on the concept of meditative solitude. It's an imaginary garden. Or hypothetical Hidden with abstract philosophical Therefore, it emphasizes simplicity and calm more than other styles. Emphasis on interpretation of things seen and touched. It has a dry landscape style.

"Peace and Solitude"

Thank you