



Architecture

# Portfolio.

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Plai Paphitchaya Sukkasem

# Paphitchaya Plai. Sukkasem



Date of Birth: 22nd September 1994  
Gender: Female  
Nationality: Thai  
Hometown: Lopburi, Thailand

plai.ielq@gmail.com

42/3, Moo 4, Tambon Koktamphan,  
Amphoe Mueang Lopburi, Lopburi,  
15000, Thailand

+66 (0) 97 231 4279

plaiielq

plaiielq



As I was an architecture student, I affectionate in art and design issues, not only in architecture but in the wide field of arts. My personality reveals as a cheerful, talkative and easy-going person. Moreover, my working ability is dedicated to work hard and wise, multi-tasking, comfortable to work collaboratively as a team and enthusiastic to improve and learn new skills.

## Education

- Secondary School
  - Winitsuksa School, Lopburi, Thailand (Bilingual Program)
  - Anderson Secondary School, Singapore (Sort-term Student Exchanging Program)
- High School
  - Pibulwittayalai School, Lopburi, Thailand (English - Chinese Program)
- University
  - Assumption University, Samut Prakarn, Thailand
  - Monfort del Rosario School of Architecture and Design Bachelor of Architecture (International Program)

## Experience

- Intern Architect/ Architectural Assistant  
Vittavat Charoenpong  
Architect and Associates - 2017
  - Produced architectural presentations
  - Prepared detail and construction drawings
  - Meet and discussed architectural projects with clients
  - Created conceptual design
  - Designed schematic design for architectural projects

## Competitions (Academic Competitions)

- Nippon Young Designer Award - 2015
- MAYA Music Festival - 2016  
Performance stage design competition
- ASA Competition'16  
Back to Basic
- ARCHOUTLOUD: Tokyo Vertical City - 2016  
Vertical Cemetery: The Death and The City
- Ari Smart City Design Competition - 2017  
Ari Smart City Development - The 1st Prize Winner

## Languages

English: IELTS - Band 6 : Fluent

Thai: Native Speaker

Chinese:

English

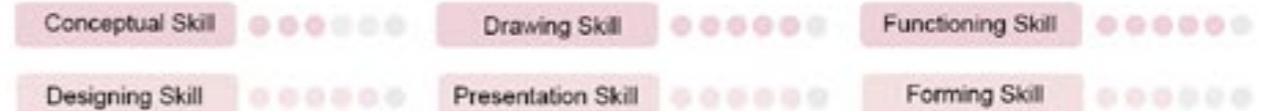
Thai

Chinese

## Software Skills



## Architectural Skills



## Personality



## Hobby and Interest



**Content :**  
Selected Works

Academic Works/ Projects



1

**Ari Living Room.**

Project : Renovation Project of Old Existing Building



2

**Parallel : Tokyo Vertical Cemetery.**

Project : Competition Project of Visualized Vertical Cemetery



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**Homely Healthcare Center.**

Project : Community Healthcare/ Clinic



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**Saphan Taksin Office Building.**

Project : High Rise Office Building



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**TK 24/7 Park.**

Project : Thailand Knowledge Park/ Knowledge Center



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**Lan La @ Ari.**

Project : Smart City Development Campaign/  
Urban Planning Design



7

**Youth Knowledge and  
Creative Recreation Park.**

Project : Public Knowledge Center

# Ari Living Room.

**Project :**  
Renovation Project of  
Old Existing Building

**Location :**  
@ Ari District, Soi Phahonyothin 7,  
Bangkok, Thailand

Ari living room is a renovation project of the old existing building into a community place where located in the heart of the Ari community, right beside Ari's intersection and Ari BTS station.

The project aims to create a new gathering space for the local people, as well as welcome for the visitor to be engaged here where the various activities are held.

The old, inactive and lifeless building turns into the living space which keeps the aspect of the local architecture and the old structure of the building.







Surrounding context of Ari - around the old building



**Giant Interactive Stair**  
As a gathering space and interactive space  
Creating activities and social interaction



Conceptual Design

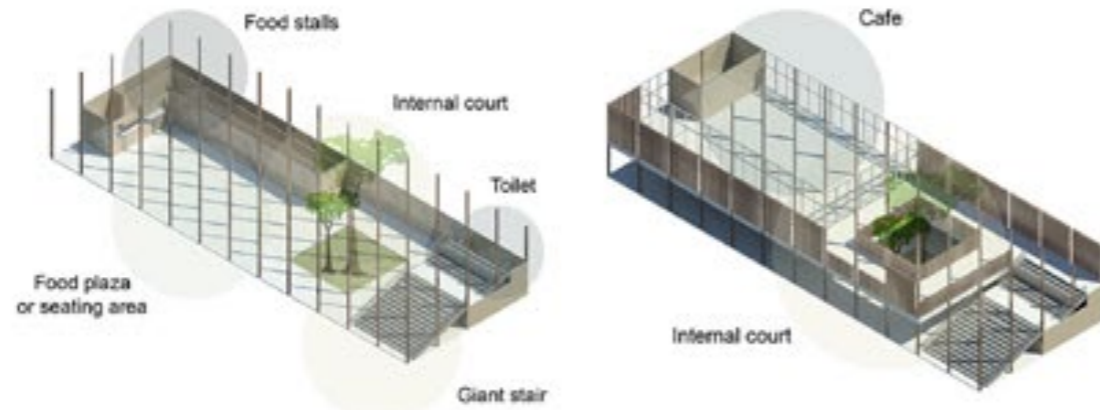
Space + Activity + Gathering + Nature



Conceptual Design

Ground Floor Plan

Second Floor Plan



**Lively Cafe**  
Cafe located at the second floor as a living space



# Parallel.

## Death & The City

**Project :**  
Competition Project of  
Visualized Vertical Cemetery

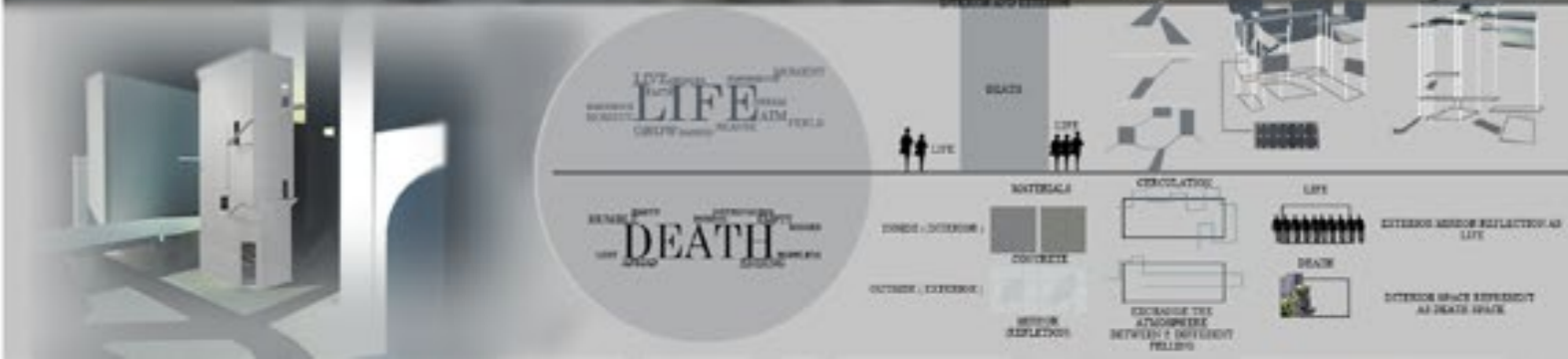
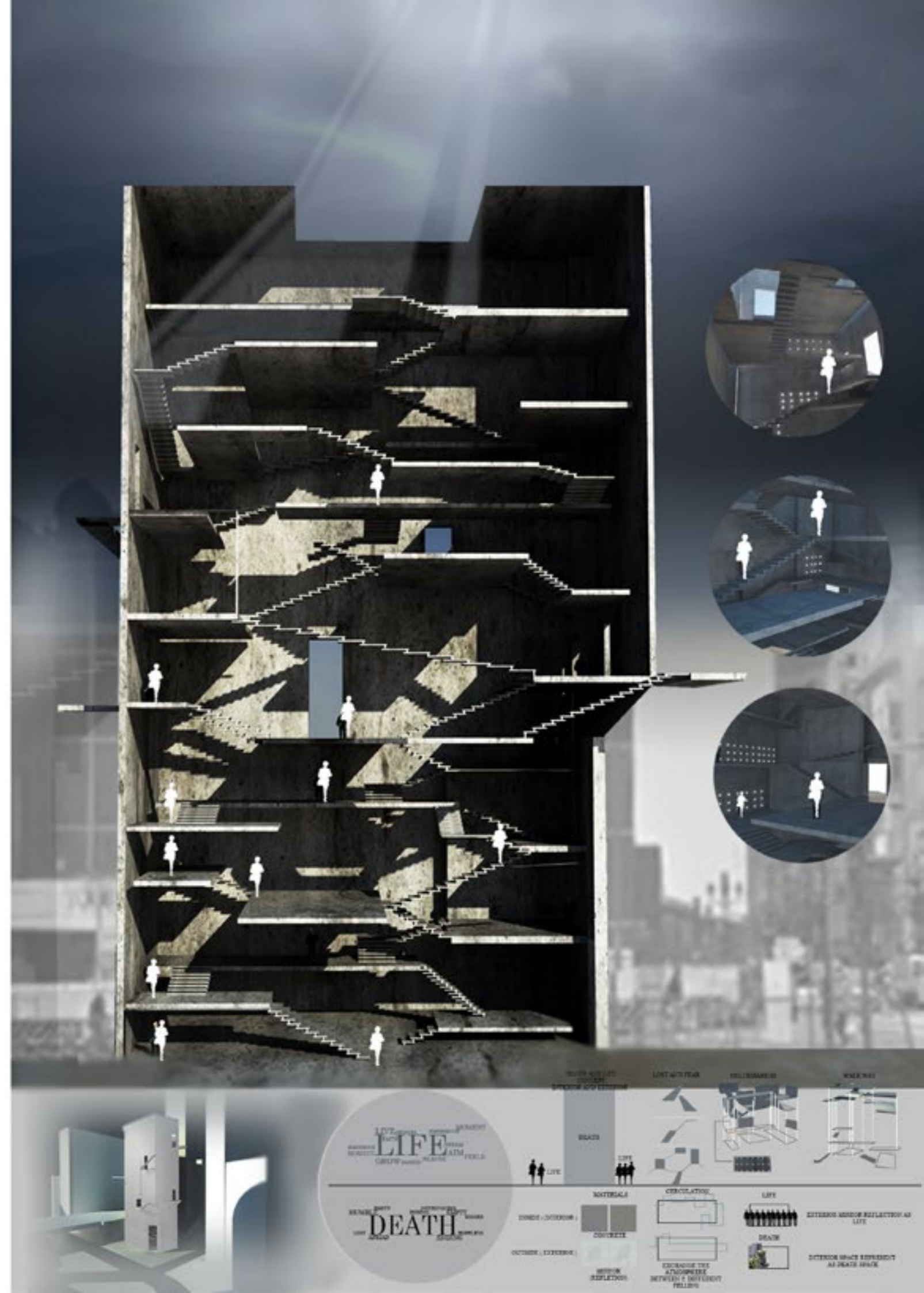
**Location :**  
@ Tokyo, Japan

### Tokyo Vertical Cemetery

What happens when there is no more room for the dead?

This is a problem being faced today by many major cities across the globe that are struggling to find space and are confronted with rising urban costs. It is a problem that has put death on the map as a lucrative business - a realization that, when not treated correctly, can lead to many problems for cities and their inhabitants.

A recent trend in new cemeteries has been to shift from the traditional horizontal sprawl and now utilizing the open vertical orientation - an organization that coincides with the built environment in a city.



# Homely Healthcare Center.

**Project :**  
Community Healthcare/ Clinic

**Location :**  
@ Samsen Canal, Samsen District,  
Bangkok, Thailand

This project aims to design a healthcare center that will eliminate the old image of the general healthcare center or clinic in order to make it more friendly, welcoming, and green environment.

The design of this project has subdivided the programs aligning with the horizontal plane, as well as inserting trees and greenery spaces along with those areas. Moreover, the site of the project located in the Phraya Thai district, right beside the Samsen canal. Some particular programs such as medical advice or medical check-up room, fitness, and therapy pool are directly faced with a spectacular view of the Samsen canal. Besides, this building and its appearance attempt to make the patient or visitor feeling more comfortable and homely.

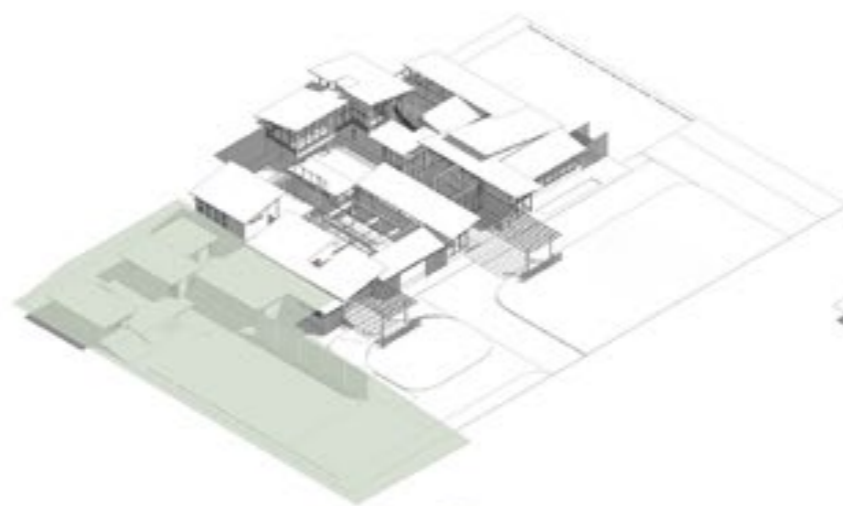




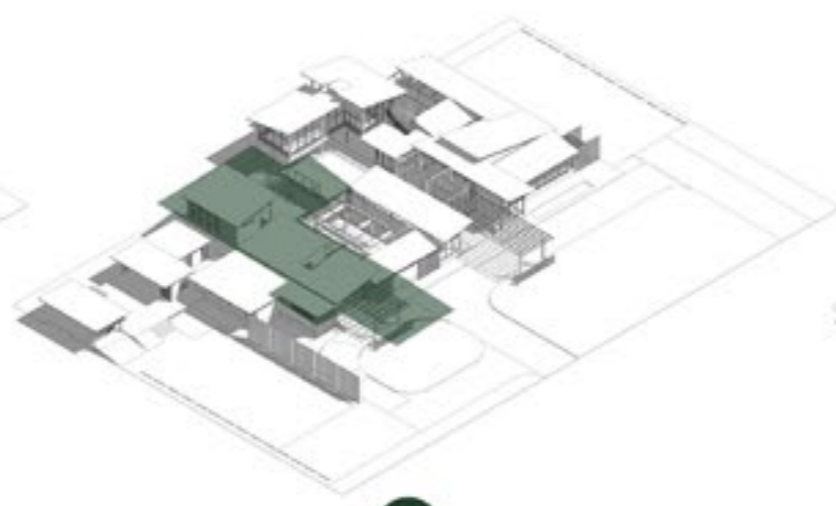




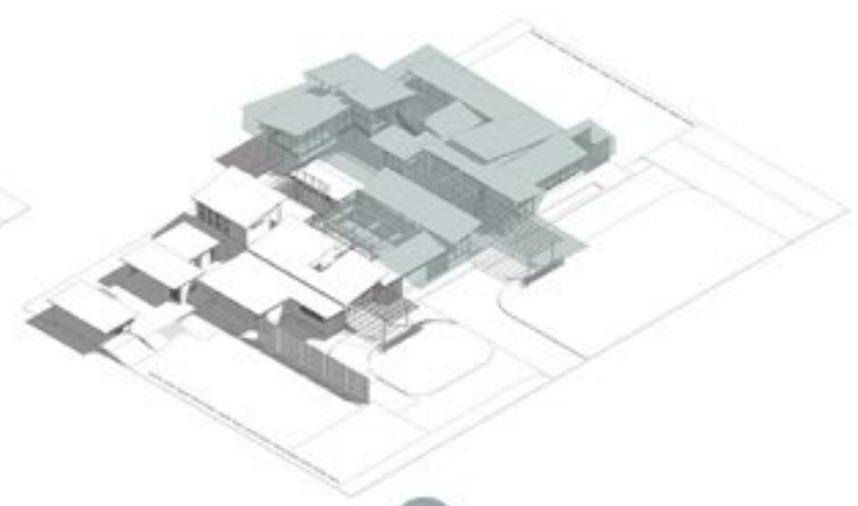
Zonning  
Diagram



Service Zone



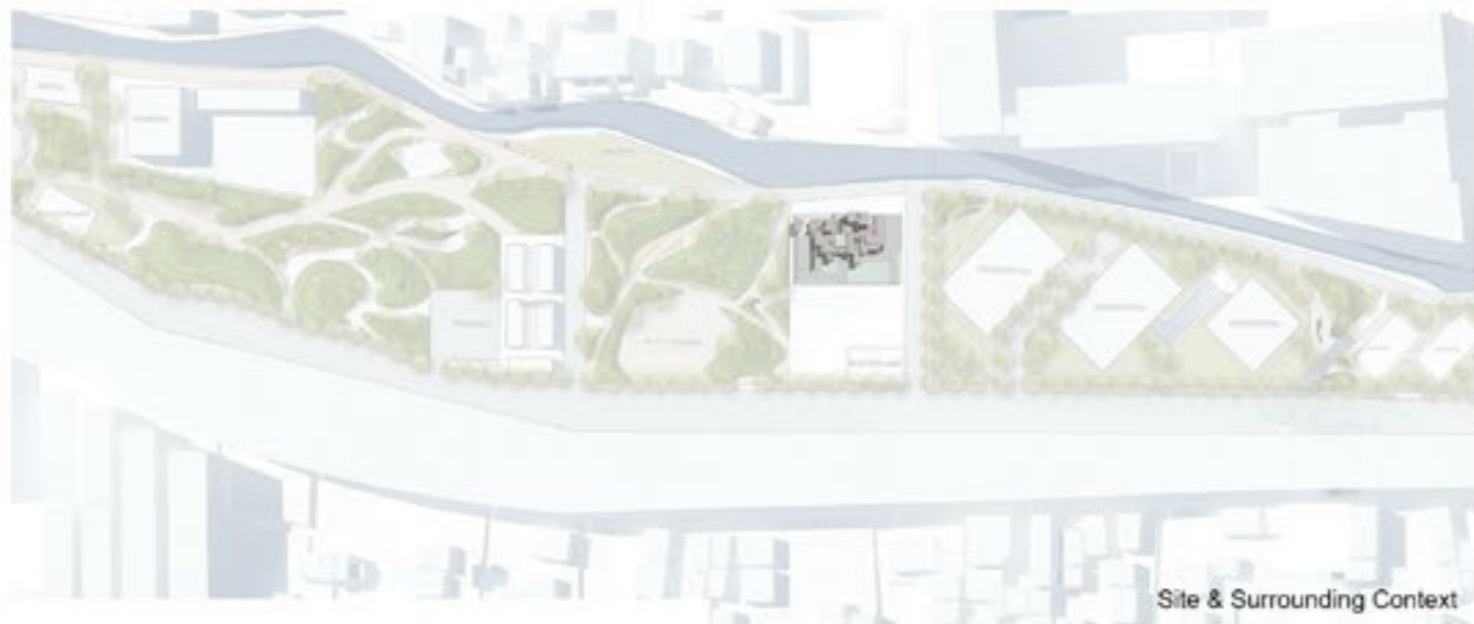
Medical Zone



Public Activity Zone



Main Entrance/ Central Courtyard



Site & Surrounding Context

## Conceptual Design

Design objectives of the project for Healthcare center

**Conceptual Design**

- Personal & Mental Health
- Healthcare Concern
- Physically Meaningful
- Functional
- Living Natural Organization
- Primary Hospital Essential
- Environmental Friendly
- Quality of Life
- Social Interaction

**Conceptual Design**

Healthcare Center + Tree Forest

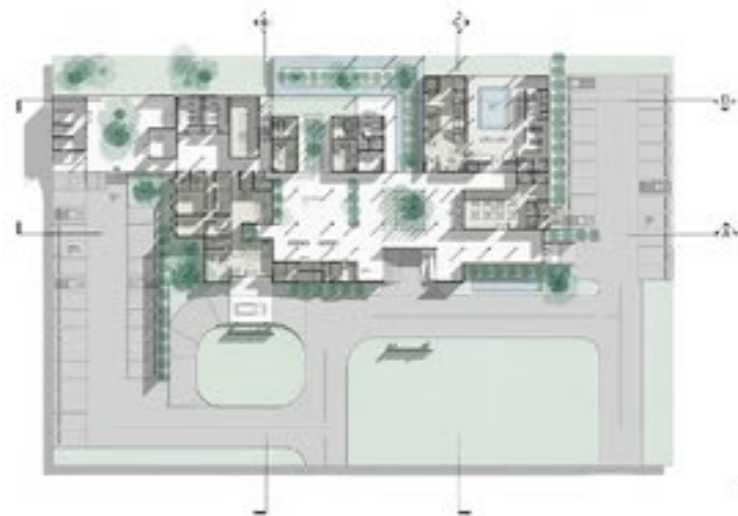
**Natural Organization - Float Freely**

Healthcare Center, Tree Forest, Open Space, Green Space

**Zoning / Function**

**Schematic Plan**

North-Cast, South-West



Ground Floor Plan  
Not to scale



Second Floor Plan  
Not to scale



Layout Plan  
Not to scale



Elevation A



Elevation B



Elevation C



Elevation D



Section A



Section B



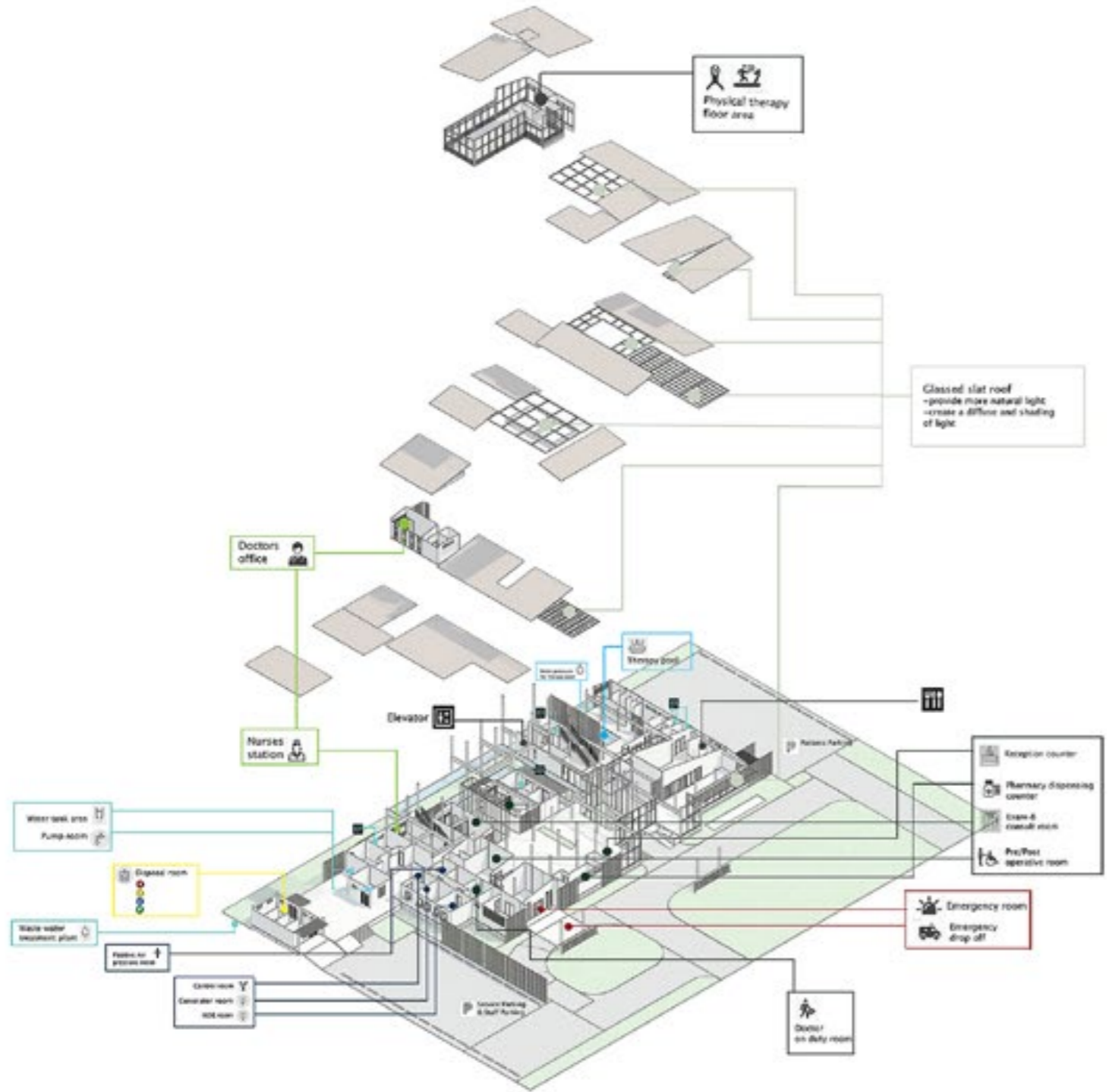
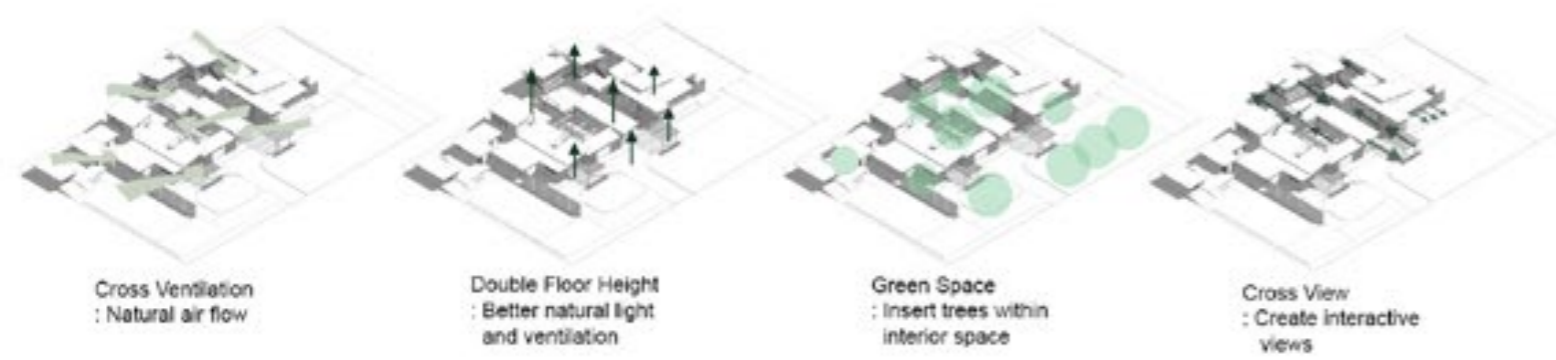
Section C



Section D

# Building System

Conceptual Design and Building System



Waiting Area



Medical Examination Room



Therapy Pool



Upper Floor Fitness

# Saphan Taksin Office Building.

**Project :**  
High Rise Office Building

**Location :**  
@ BTS Saphan Taksin Station,  
Sathon, Bangkok, Thailand

This project is to design a high rise office building at Taksin BTS Station. The site located on Charoen Krung Road, Sathon, right in front of Saphan Taksin BTS Station.

The main concept of this building is to provide the public spaces or programs at a lower level in order to easily visit from people in general. Also, the typical office programs located on the upper level for preventing privacy. The ground floor plan designed as open as possible in order to encourage people to get inside the building and to feel more friendly with it.

The first two levels revealed as a very public space, the ground floor established as a reception and welcoming floor, and the upper floor which adjacent to the Taksin BTS Station provided as a retail floor including a restaurant that achieved the view of the Chao Phra Ya River.

The building obviously divided into two units, the first small unit can be provided to rent the whole floor for particular privacy. Another big unit generally provided as a typical rental office.



**Existing Image of The Site**

**SWOT Analysis**

Strength	Weakness	Opportunity	Threat
<ul style="list-style-type: none"> <li>Historical and cultural heritage</li> <li>Proximity to public transportation</li> <li>High density of surrounding urban fabric</li> </ul>	<ul style="list-style-type: none"> <li>Lack of parking spaces</li> <li>Overcrowded streets</li> <li>Historical buildings in poor condition</li> </ul>	<ul style="list-style-type: none"> <li>Proximity to public transportation</li> <li>High density of surrounding urban fabric</li> <li>Historical buildings in poor condition</li> </ul>	<ul style="list-style-type: none"> <li>Lack of parking spaces</li> <li>Overcrowded streets</li> <li>Historical buildings in poor condition</li> </ul>

**Users Connection to the Site**

**User Types**

- Local Community
- Business
- Government
- Students
- Tourists

**Traffic Flow Analysis**

**Schematic Section 1**

**Schematic Section 2**

**Schematic Section 3**

**Conceptual Sketch**

**4th Basement Floor Plan** Scale 1:200

**2nd Basement Floor Plan** Scale 1:200

**1st Basement Floor Plan** Scale 1:200

**Ground Floor Plan** Scale 1:200

**2nd Floor Plan** Scale 1:200

**3rd Floor Plan** Scale 1:200

**4th Floor Plan** Scale 1:200

**5th Floor Plan** Scale 1:200

**Typical Office Floor Area** Scale 1:200

**Typical Office Floor Area Planning** Scale 1:200

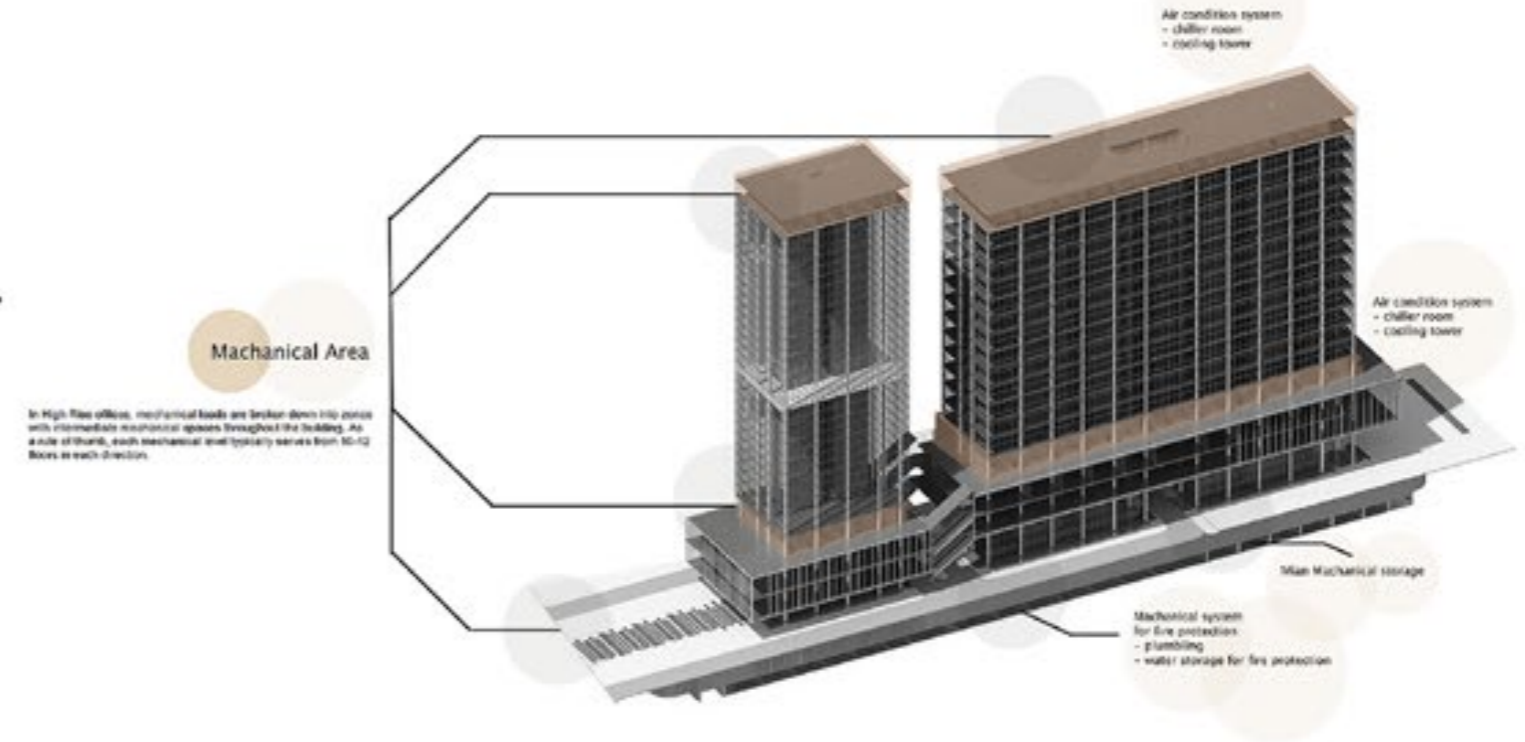
## Elevations



## Sections



## Mechanical Area and Circulation



## Perspectives





# TK 24/7 Park.

**Project :**  
Thailand Knowledge Park/  
Knowledge Center

**Location :**  
@ Children's Discovery Museum  
Chatuchak District, Bangkok, Thailand

The project aims to create a learning and collaborative hub for youth and enthusiastic learners in the experiential and cooperative learning environment.

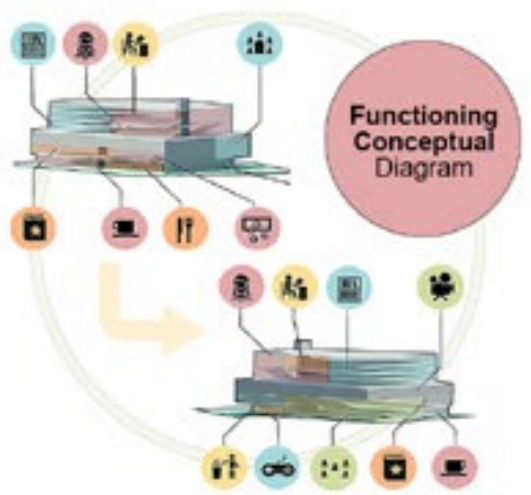
TK Park will expand their facilities in order to enhance the learning space and activities, along with there will be incorporating with Children's Discovery Museum at Queen Sirikit Park. Furthermore, Chatuchak and Bang Sue district will become a major hub for transportation in the near future.

The concept of this project is to provide a main central court conceiving of the open plan design. The ability to look up through the building, watching each other in check, and each space inside the building.

The ground floor created a welcoming floor that is open for people to encounter the building and all the retail programs are located there. The main program of this building is the library located on the top floor. Therefore, people allow to walk through the building to reach up to the library. The facade of the building is craved some for privacy and reveals a glimpse of the library which inserted with trees.





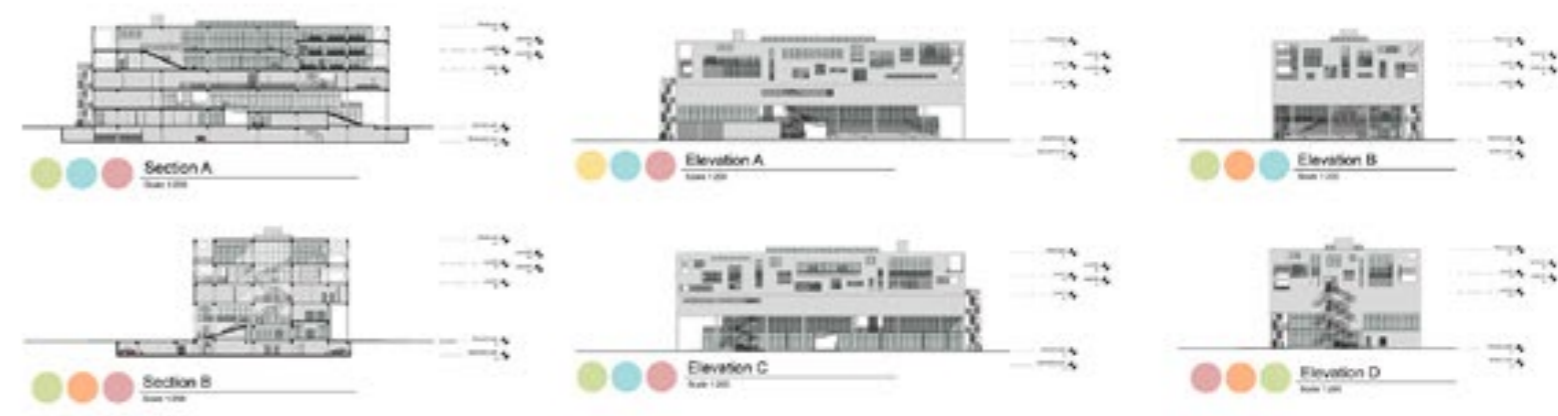
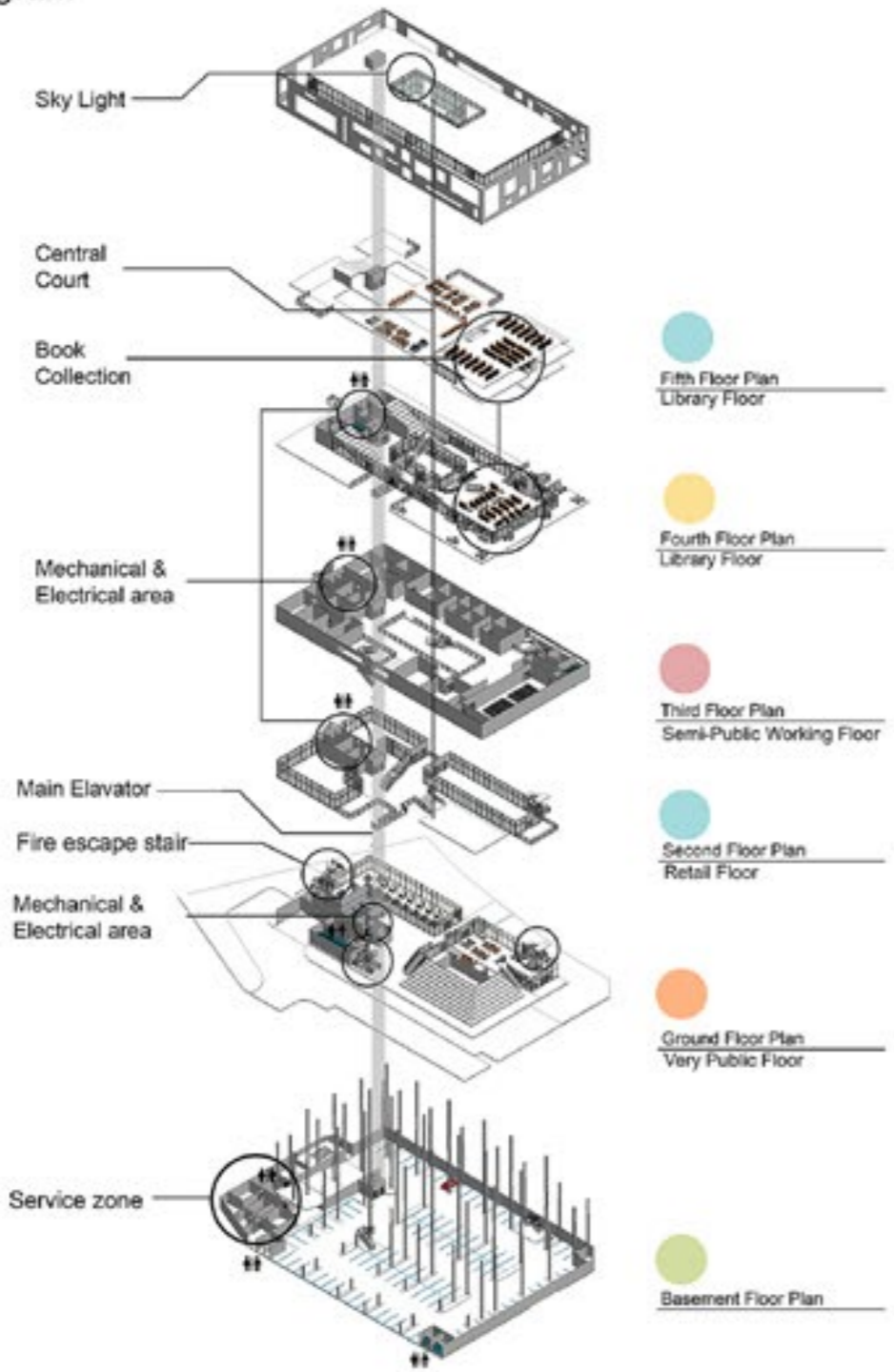


**Objectives of the project**

- In the aim to create a public social space
- To create the greatest intellectual and collaborative hub
- To explore how architecture can integrate with natural environment and maintain contacts with other people in order to enhance learning environment



**Building System Diagram**



Library

Outdoor Reading Balcony



Central Courtyard

Central Interactive Court



# LanLa @ Ari.

**Project :**  
Smart City Development Campaign/  
Urban Planning Design

**Location :**  
@ Ari District,  
Bangkok, Thailand

The concept of this project is creating a friendly walking street which increases the quality of living and the environment.

Presently, Ari district is crowded with restaurants, cafes, offices, markets, and residences. Therefore, this area is absolutely busy in working time. As well as traffic jams, unorganized walkway and food trucks.

This project aims to solve the problem by reducing the amount of vertical to solve the problem of air pollution. Then replaced the public transportation and walkable food path.





# Lan La Na Ari

## Urban Design - Ari, Bangkok, Thailand

The concept of this project is creating a friendly walking street which increases the quality of living and the environment. Presently, Ari district is crowded with restaurants, cafes, offices, markets, and residences. Therefore, this area is absolutely busy in working time.

As well as traffic jams, unorganized walkway and food trucks. This project aims to solve the problem by reducing the amount of vertical to solve the problem of air pollution. Then replaced the public transportation and walkable food path.

### 1 ถนนคนเดิน WALKING STREET

- ทางเดินกว้างมากขึ้น **การแก้ไข**
- เพิ่มร่มเงา
- เพิ่มแสงไฟ [เพิ่มความปลอดภัย]
- มีกิจกรรมตามเทศกาล เพื่อทำให้บรรยากาศน่าเดินมากขึ้น

### 2 อารีย์ ซอย1 ARI SOI 1

**ปัญหาเดิม**

- ทางเดินแคบ
- ร้านค้าริมทางไม่เป็นระเบียบ
- ไม่มีร่มเงาให้คน
- จอดรถไม่เป็นระเบียบ

**การแก้ไข**

- จัดระเบียบร้านค้า
- ลดถนนเพื่อเพิ่มทางคนเดิน
- เพิ่มต้นไม้ให้บรรยากาศร่มรื่น
- เพิ่มไฟตามทางเดิน [ความปลอดภัย]



- คนเดินเท้า
- บ้านพักอาศัย
- ร้านกาแฟและร้านอาหารริมทาง
- จักรยาน

# Youth Knowledge and Creative Recreation Park.

**Project :**  
Public Knowledge Center

**Location :**  
@ Science Center, Ekkamai District,  
Bangkok, Thailand

The attempt of this project is to study and be able to understand the spaces that promotes the high efficiency in working and learning environment in collaborative setting, as well as accommodates to current and future needs. Correspondingly, to pursue the wide range of interests of the 21st century towards young people and public in general.

As a physical space that support people with possibilities to make changes in their life and gathering them together in order to become a new hub of the knowledge society.

Knowledge and creative recreation park is a place where the general public can find inspiration and meet new ideas located in the central of the city to support and respond various and temporary events of activities and environments for exchanging ideas and experiences from a variety of activities and spaces.

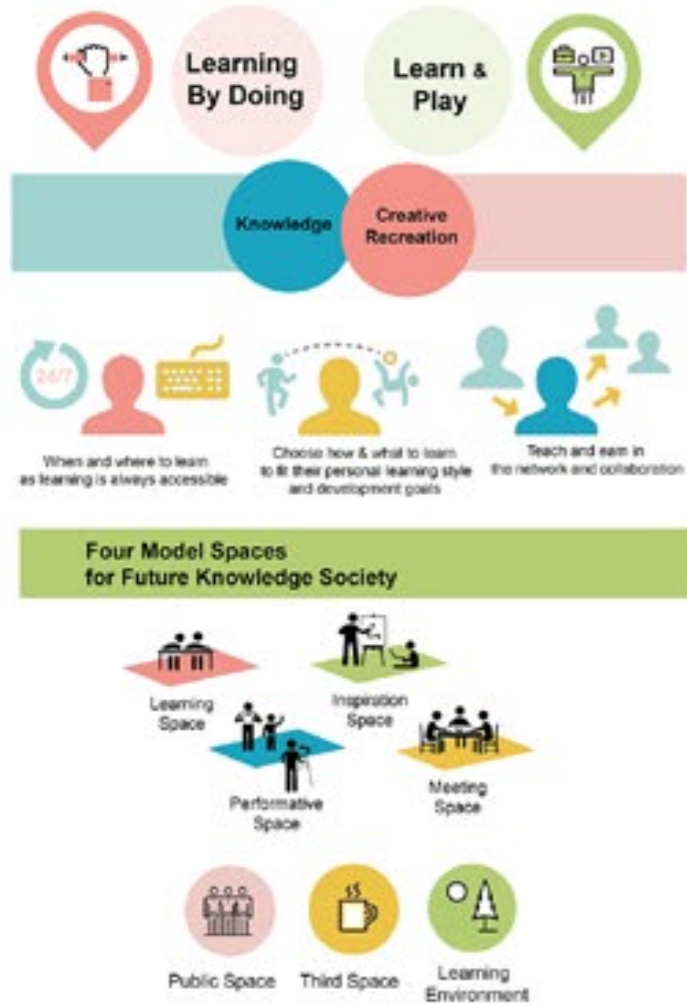
As a consequence, this project would like to study the way to create the architectures that can be a public place where encourage and inspiring people to develop themselves and meet information and knowledge by provide the environment where suitable to work, learn and play to form an intellectual network in the city.







## New Approach of Learning



Physical space has a big impact on learning environment

Young people need spaces designed to develop the new skills will need in this age

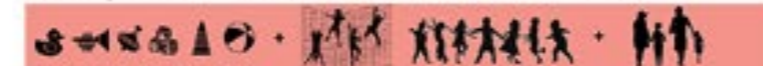
Making Space for People

## Program and Activity

### Library



### Kid Space



### Learning Space



### Music & Dance Space



### Recreational Space



### Public Plaza - Exhibition Space



### Public Podium



### Retail Space



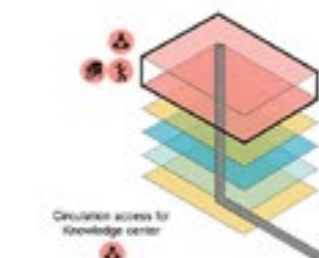
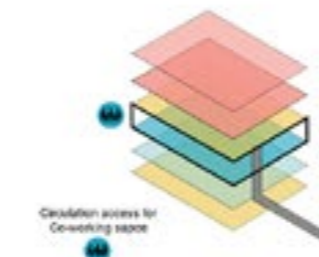
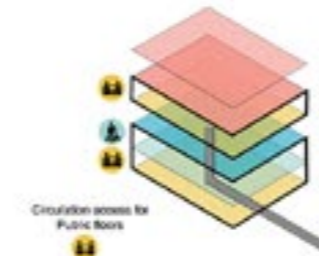
### 24/7 Study Cafe



### Co-working Space



## Objectives

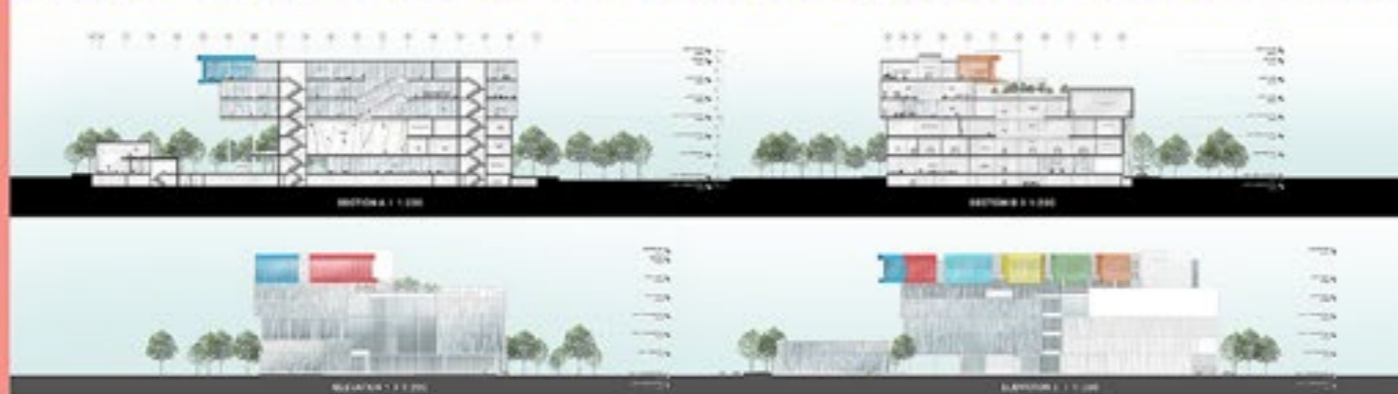


## Schematic Design

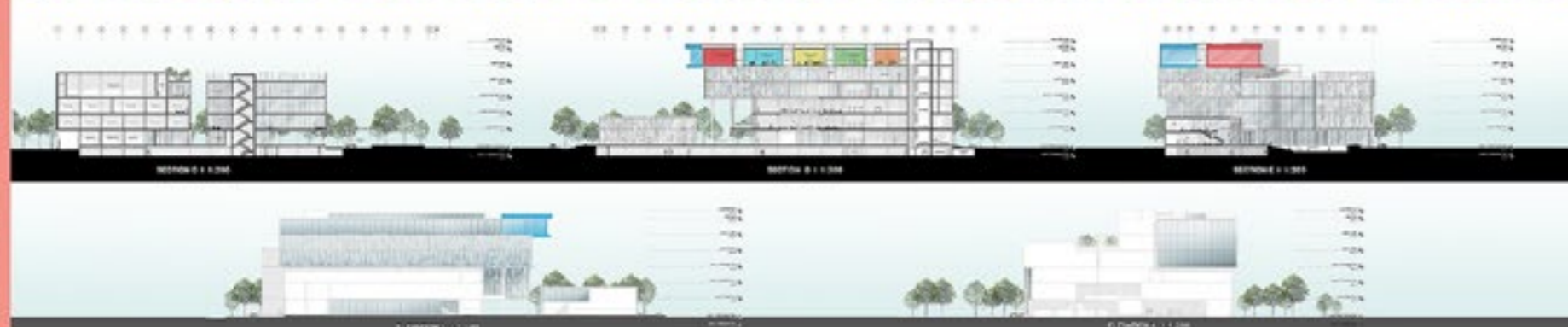


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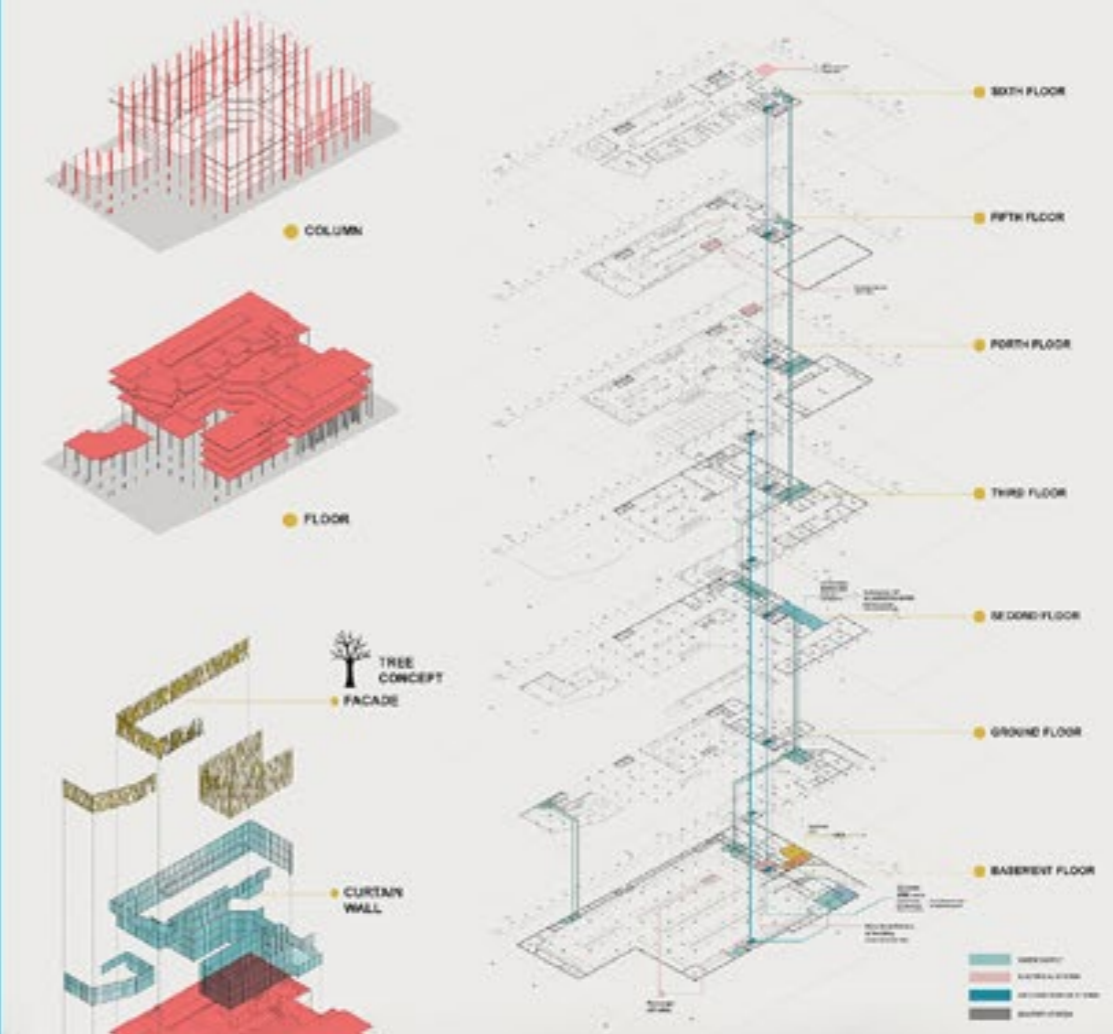


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Structural Diagram and Building System Diagram

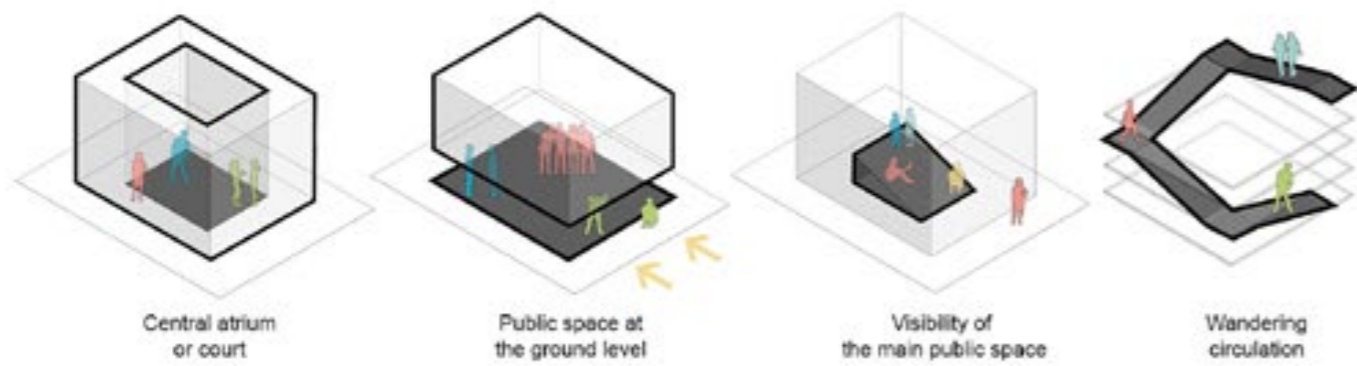
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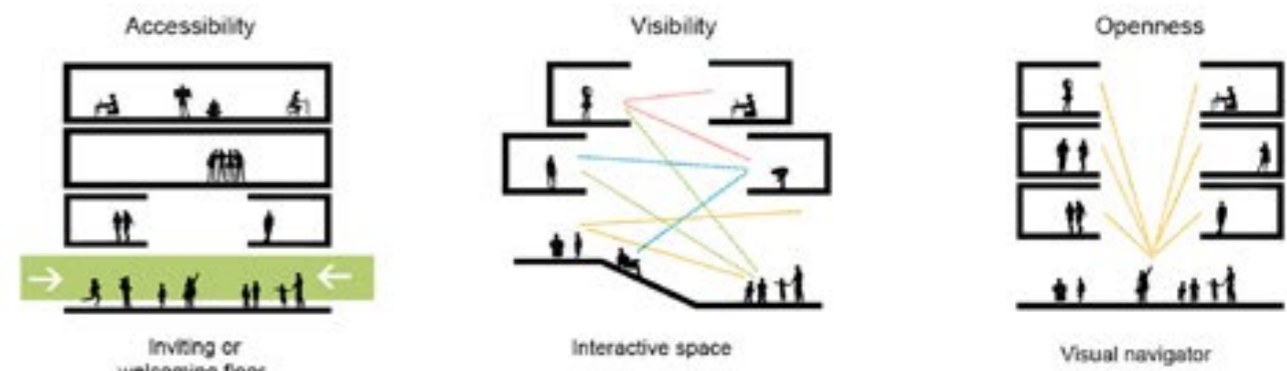
24/7 Study Cafe



Design Strategy



Design Strategy



# Site Analysis

## Transportation Network

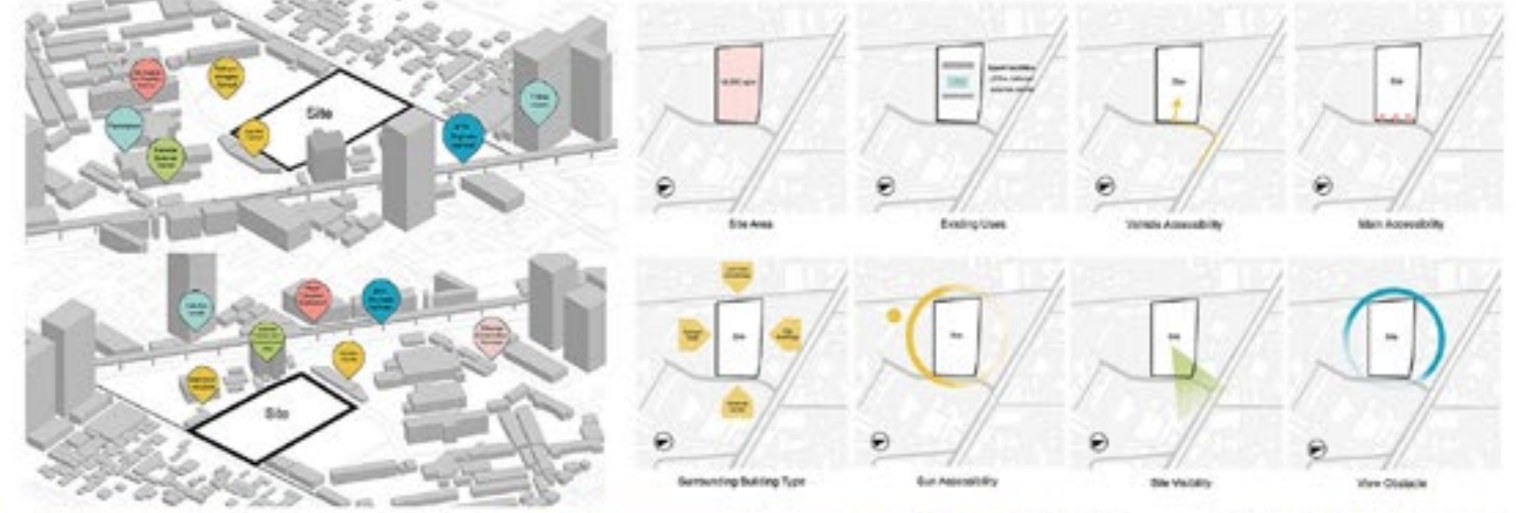


- TRANSPORTATION**
1. BTS Station  
BTS Sky Train  
(Down at Ekamai station)
  2. Bus stop and taxi stop  
Public Bus No. 2, 25, 35, 40, 72, 901, 911, 913, 908
  3. Walk  
walk by footpath around 300m. from site
  4. Personal Car  
along Sukhumvit road
- MRT Station  
Line Suburban Station and Line BTS Sky Train  
(Down at Ekamai station)

## Site surrounding obstruction



# Surrounding context and Site Analysis



Open Square



Central Court



Drop Off Area

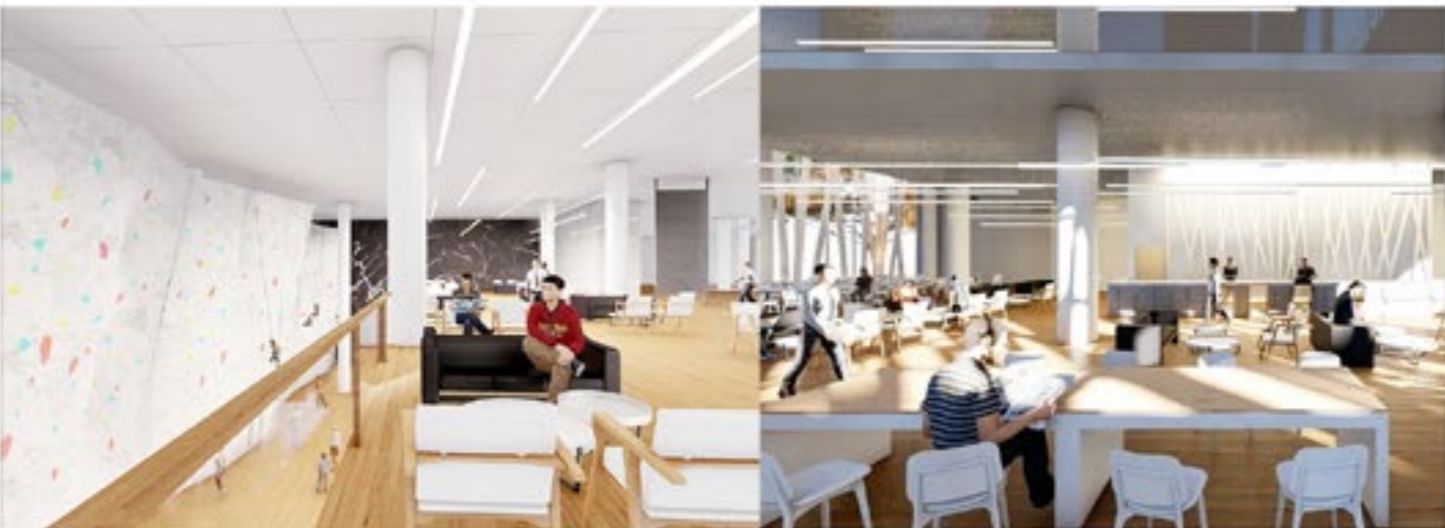


Central Court

Conceptual Diagram



Living Library



Wall Climbing/ Gathering Space

24/7 Study Cafe



Multipurpose Learning Room/ Workshop



Multipurpose Learning Room/ Workshop



Open Square



Living Library



Kid Zone



Reading Area



Roof Garden

Roof Garden

Architecture

# Portfolio.

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Plai Paphitchaya Sukkasem

