

Thanus Songprasart

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SEEKING ARCHITECTURE INTERNSHIP OR GRADUATE POSITON

I am highly motivated, flexible and quick to learn. I am enthusiastic, work hard and would be willing to work on any type of project. I am interested in work or internships in direct and related fields to **architecture**. My native tongue is Thai, and am fluent in English.

EDUCATION

Master of Architecture/Master of Digital Design University of Canberra	2015
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Bachelor of Architecture King Monkut's University of Technology Thonburi, Thailand	2009
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WORK EXPERIENCE

Junior Architect Research and Design Service Centre (REDEK), Thailand	2009 – 2011
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In this role, I independently managed projects such as apartment renovations and residential unit developments. I worked within tight budgets and timeframes, produced designs and technical drawings, made presentations to clients, and managed renovation projects. Not only did these projects develop my design and drawing skills, they improved my budget management, negotiation and liaison skills.

Front of House and Kitchen Hand Various Thai restaurants in Canberra	2011 - 2015
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Barista Italo Club, Canberra	2015
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RELATED EXPERIENCE

Art Director Ship for Southeast Asian Youth Program (SSEAYP), Thailand	2011
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SSEAYP is a Japanese Government-funded program that brings together youths from South East Asian countries and Japan to foster cultural awareness and discuss regional affairs. As Art Director for the Thailand team, I designed and directed cultural performances and other presentations by the group. This role enabled me to demonstrate innovative graphic design skills by creating a unique booklet merging Thai participant biographies with general information about Thailand.

COMPUTER SKILLS

In addition to the Microsoft Office suite, I possess advanced skill in architectural and graphic software, including Autodesk AutoCAD, Autodesk Revit, Adobe Illustrator, Adobe Photoshop Adobe InDesign, and Sketch Up.

Portfolio

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Student project (2008)

Cartoon Network Center

Cartoon Network Center is a project derived from the increasing of Japanese pop culture activities in Thailand. Despite from the fact that Japanese cartoon related events were held almost every week, there was no designate facility for such activities.

Purposes.

- To be a community hub for people who are interested in Japanese cartoon from all industries, which includes readers(audiences), enthusiasts(audiences/performers), creators(artists) and publishers.

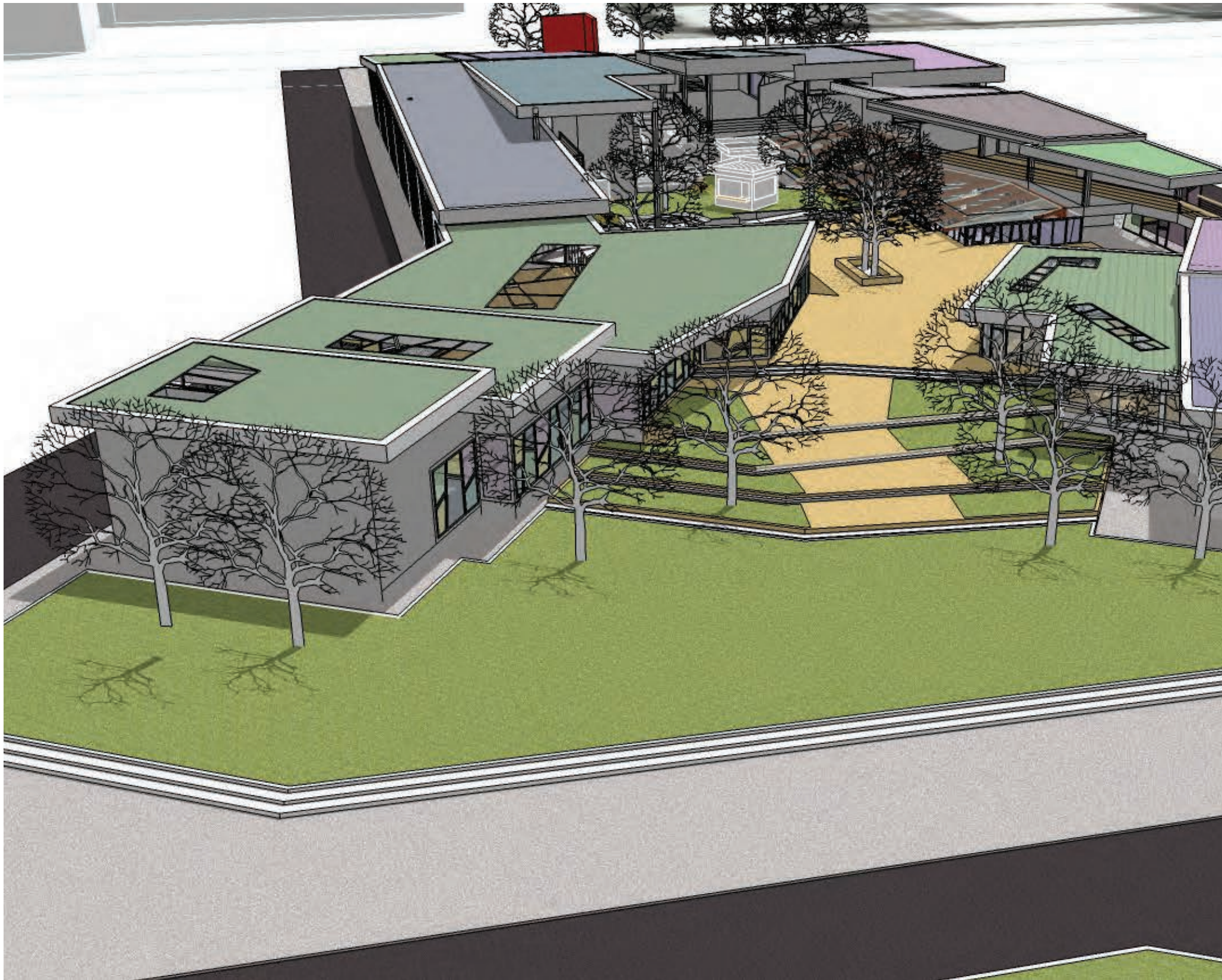
Site Selection

Criteria for site selection based on potential visitors, which included wide demographic range and occupations (students, university students, artist and Publisher staff).

The site need to be

- Easy to access.
- Locate near business areas, where potential visitors regularly spend their time.
- Locate near another cultural/educational hub. Japanese pop culture is fairly new to general public. Locate near an already established cultural/educational hub enhances ease of access to general public mentally and physically. Potential sites are weighted on their proximity to cultural/educational hub, business and public transportation.

Potential sites are weighted on their proximity to cultural/educational hub, business and public transportation.



The site was located on empty land plot that has 2 important roads on each ends of the site. At one end of the site, there is “Esplanade” shopping center that targets on youth and middle class people. On other end, there is “Thailand Cultural Center”. Locate between two different activities center, giving the site a quality of linking and gathering users from both centers who are potential audience of the project: youths and cultural interested people.

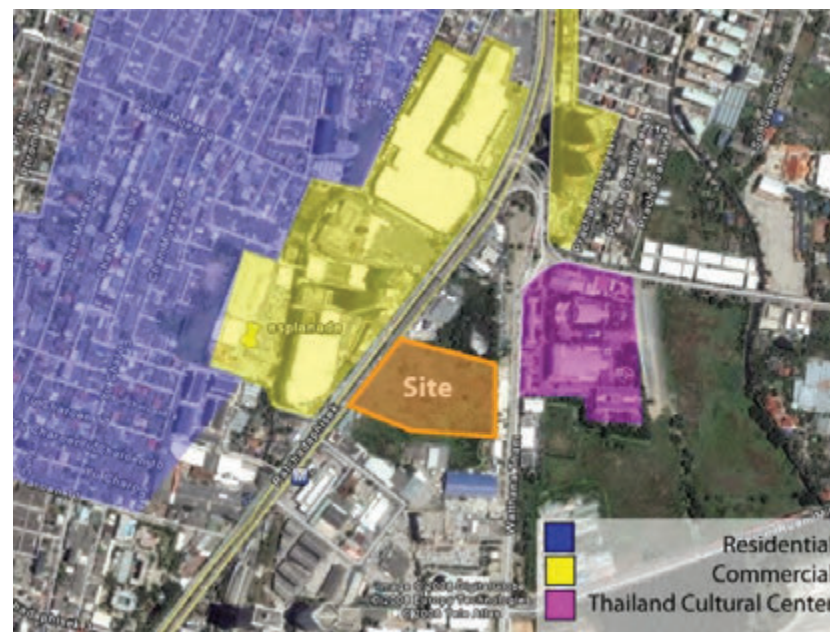
The site is also enhanced by ease access when the location is only 2 minutes away from Thailand Cultural Center's metro station. All in all, this site is very fit to the criteria of site selection.

Program and Design

The project's programs are derived from existing cartoon activities in Thailand, which included

- Museum about history of cartoon both domestic and international aspect,
- Exhibition areas for private company and artists,
- Workshops area for teaching how to draw cartoon or make animation,
- Cartoon library
- Outdoor plaza for cosplay event

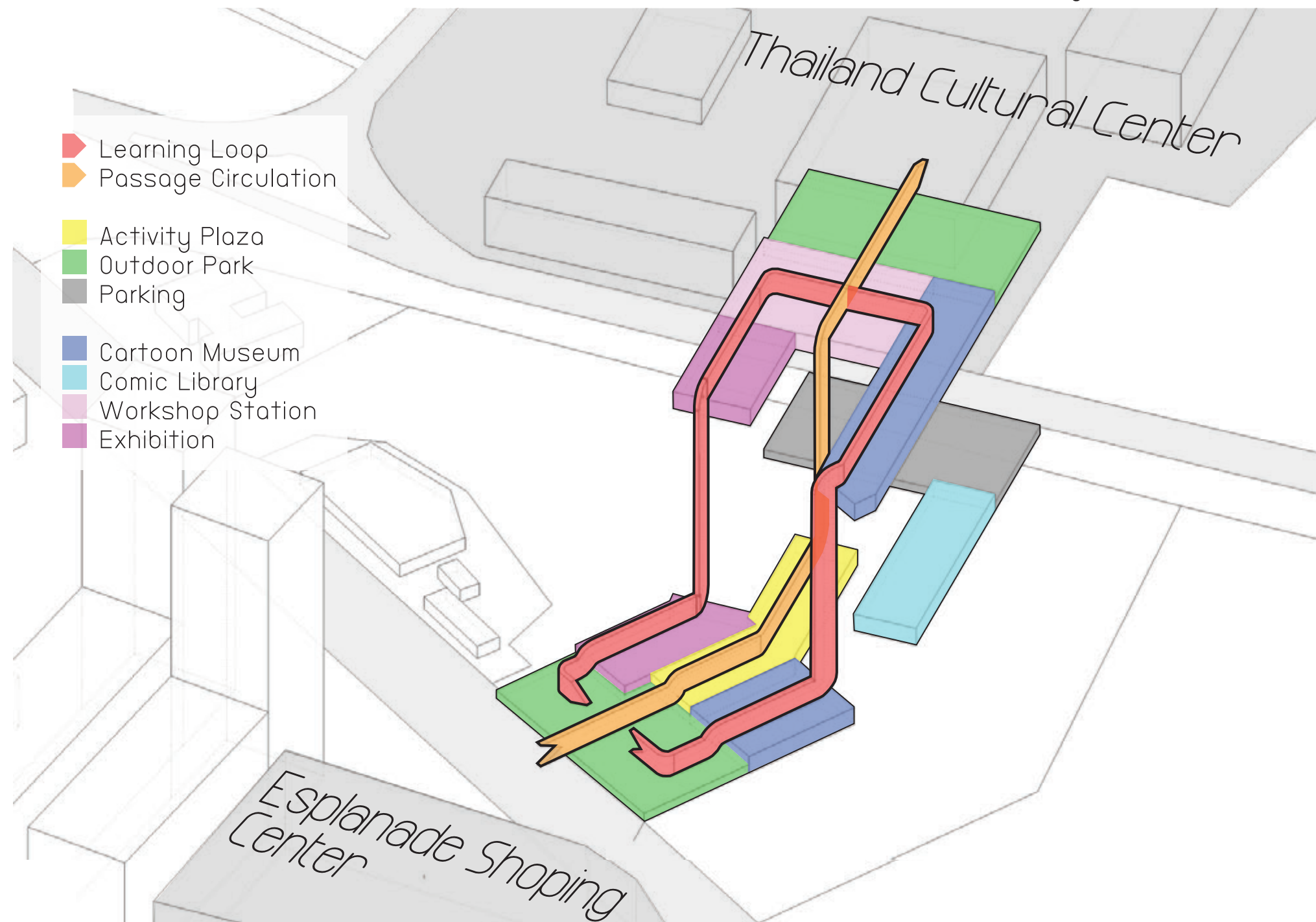
The goal of the design is to encourage people of different fields to see, learn, get involve the works and activities of others, creating chance for people to exchange their knowledge to other fields around cartoon industry.



The site located between Commercial area and Thailand Cultural Center, creating chance for non cartoon - enthusiast to get involve in the site.

- Site Location
- Commercial Area
- Thailand Cultural Center
- Residential Area

There are two main circulations in the site. One is an Learning Loop that go through most of the programs. The other is a passage, link between Cultural Center and Shopping Center





- Activity Plaza
- Outdoor Park
- Parking
- Cartoon Museum
- Comic Library
- Workshop Station
- Exhibition

0 10 30 50

2nd Floor Plan

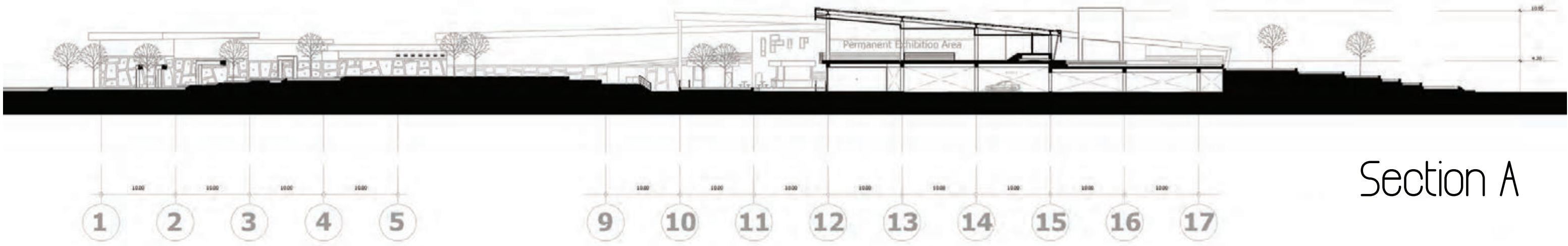


9 10 11 12 13 14 15 16 17

B

B7
B6
B5
B4
B3
B2
B1

A



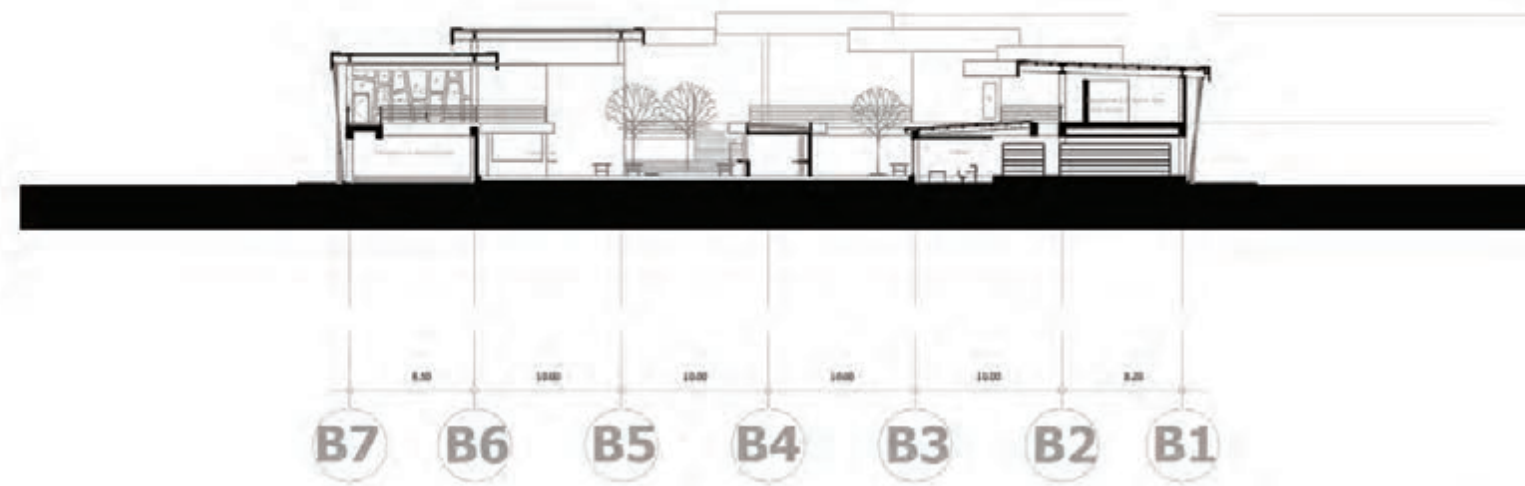
Section A

The main circulation is dedicated for Learning, where programs that related cartoon industry are inserted along the way. Each programs function as a station, where audience can spent their time for in-depth knowledge, or move on to next station. By finishing walk through “Learning Loop”, the audience can see a whole picture of cartoon industry in Thailand. The enthusiast stay longer in particular stations for in-depth learning.

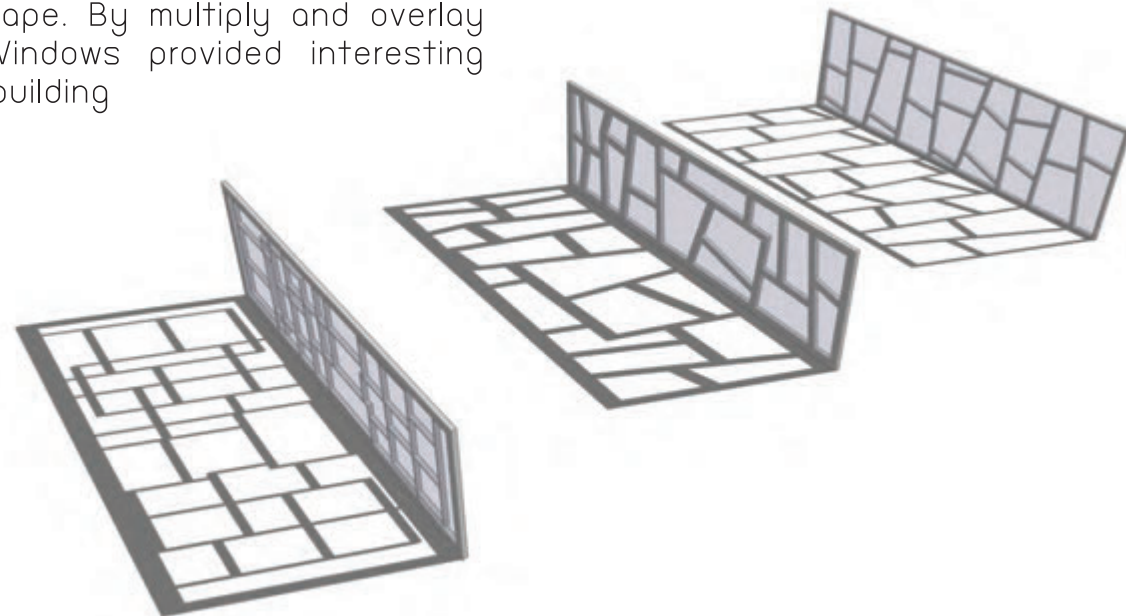
Technical Skills demonstrated in this project

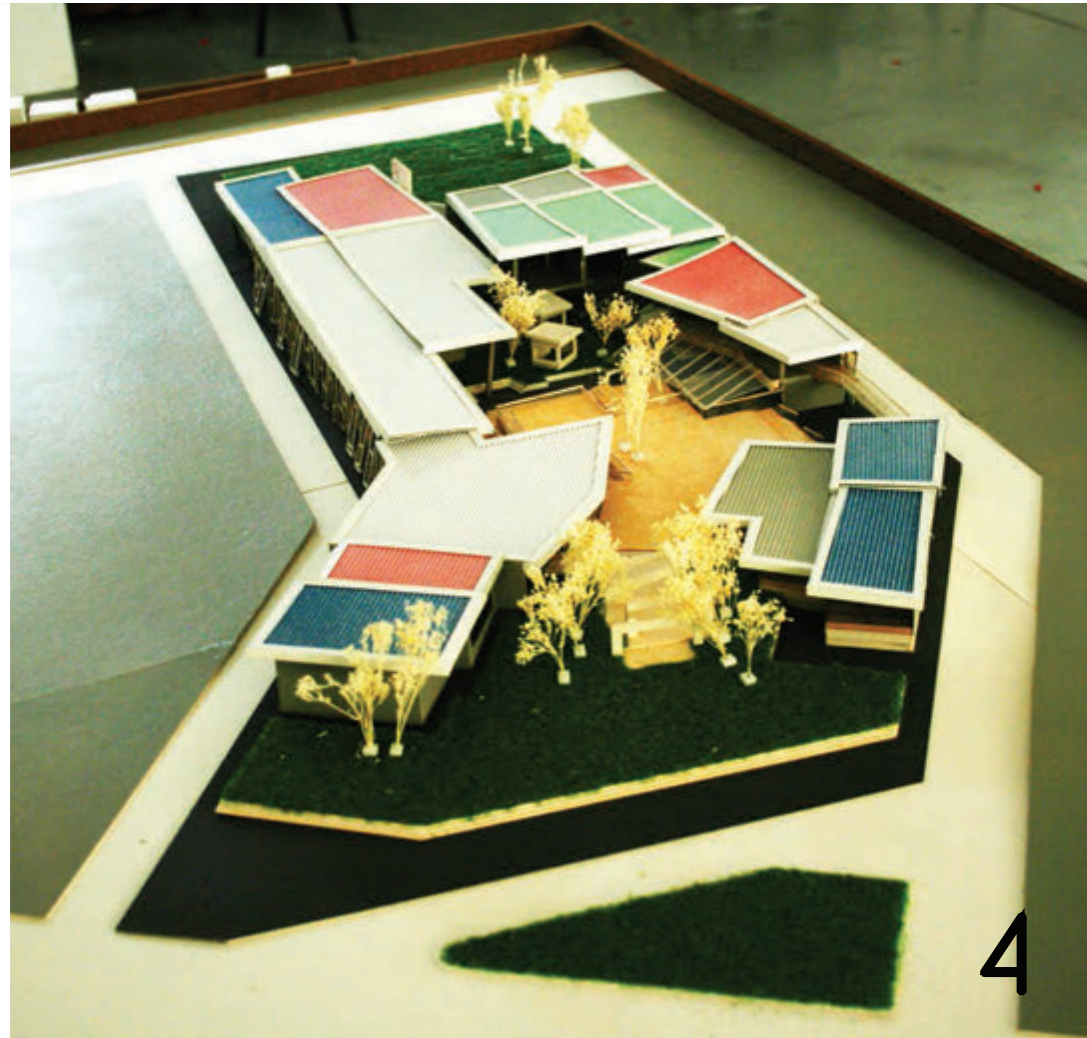
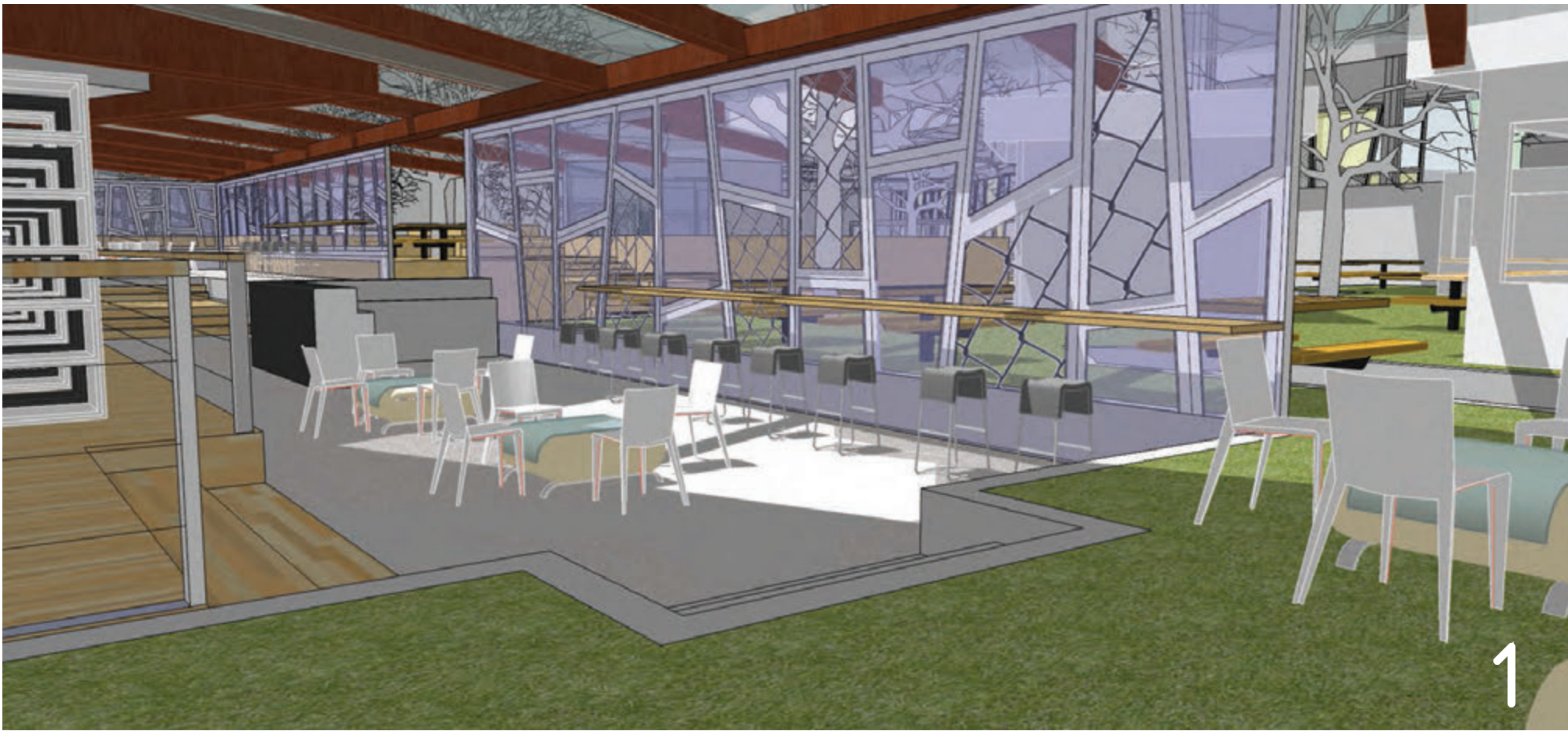
- AutoDesk AutoCAD
- Google Sketch Up
- Adobe Photoshop
- Adobe Illustrator

Section B



Window frame in this building is inspired from comic panel shape. By multiply and overlay the shapes. Windows provided interesting pattern to the building





1. The Interior in Comic Library
2. The Windows panel
3. An Approach to the project consist of steps, make the site easy to walk through.
4. Physical model
5. An Activity plaza, located in the middle of the site

Student project (2015)

Woden Shopping Mall



Woden is one of the oldest district in Canberra. The original suburb master plan consists of strong axis along North-South and East-West. Both axis join at the plaza in the middle of the commercial district. After several decades, without care of the original master plan, new buildings block axis lines and plaza was less accessible. Without quality pedestrian network, most of the areas turned into on ground parking lots.

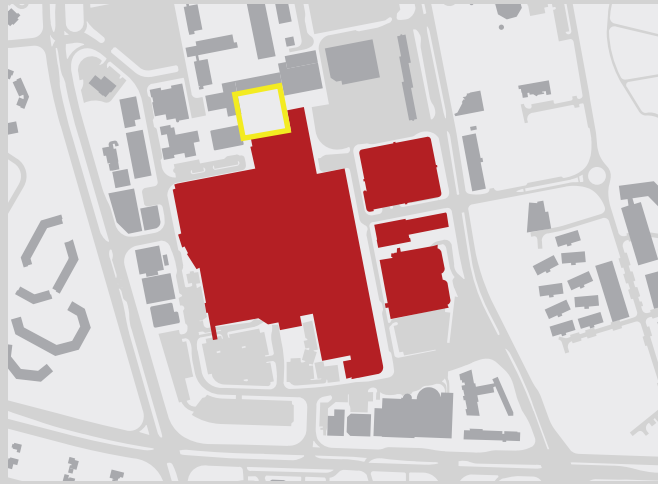
As oppose to an obsolete physical of the suburb, Woden population continues to increase, especially in young adult age and elderly.

Issues

- Shopping mall block both original axis of Woden master plan. Woden plaza become less accessible. Original pedestrian route also become fragmented.
- Fragmented pedestrian route makes some of the street hard to access on foot. This leads to unpleasant street views, as some of the street-side building's facades are treated as a back door.
- Lack of public space for growth of population.
- There is 8 meters different between west side and east side of the site.

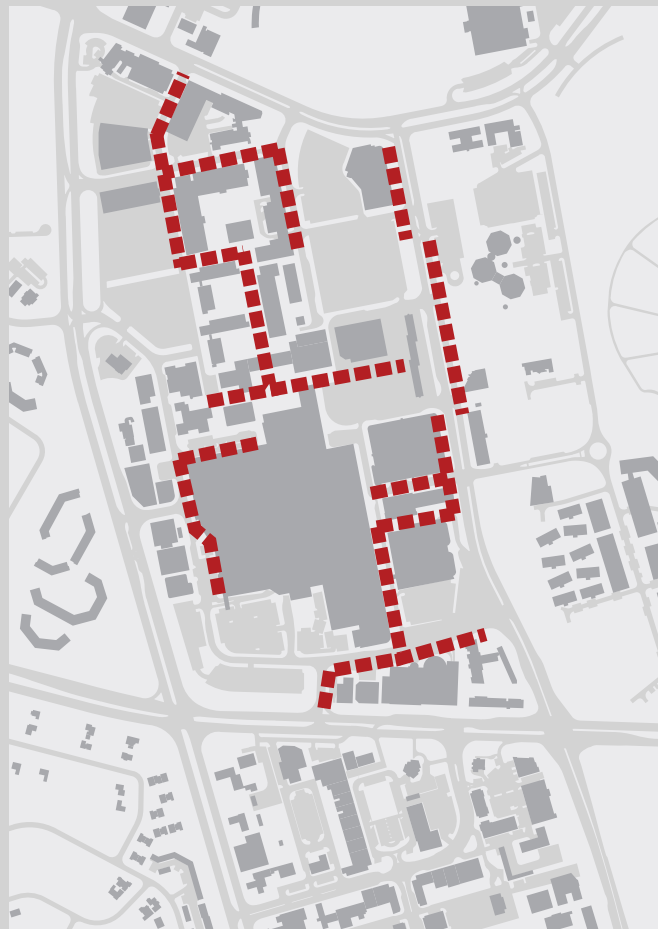
Approaches

- Taking out an existing shopping mall block to solve the problem of accessing plaza and re-enhance the flow of axis both North-South and East-West
- Re-design a block shape to re-connect pedestrian route
- Re-design shopping mall with a better integration to existing plaza and provide more area for public space and residential.



Existing Shopping Mall

Bulky. It blocks the flow of original district plan axis, as well as access to the plaza



Fragmented Pedestrian Route

The shopping mall blocks continuity of walking path. The area is not pleasant to walk for pedestrian as a result.



Proposes:

New Road and New Pedestrian route

Reconnect the plaza with pathway in North-South direction. A new road runs on East-West direction, links existing residential areas into the site.



New land plots

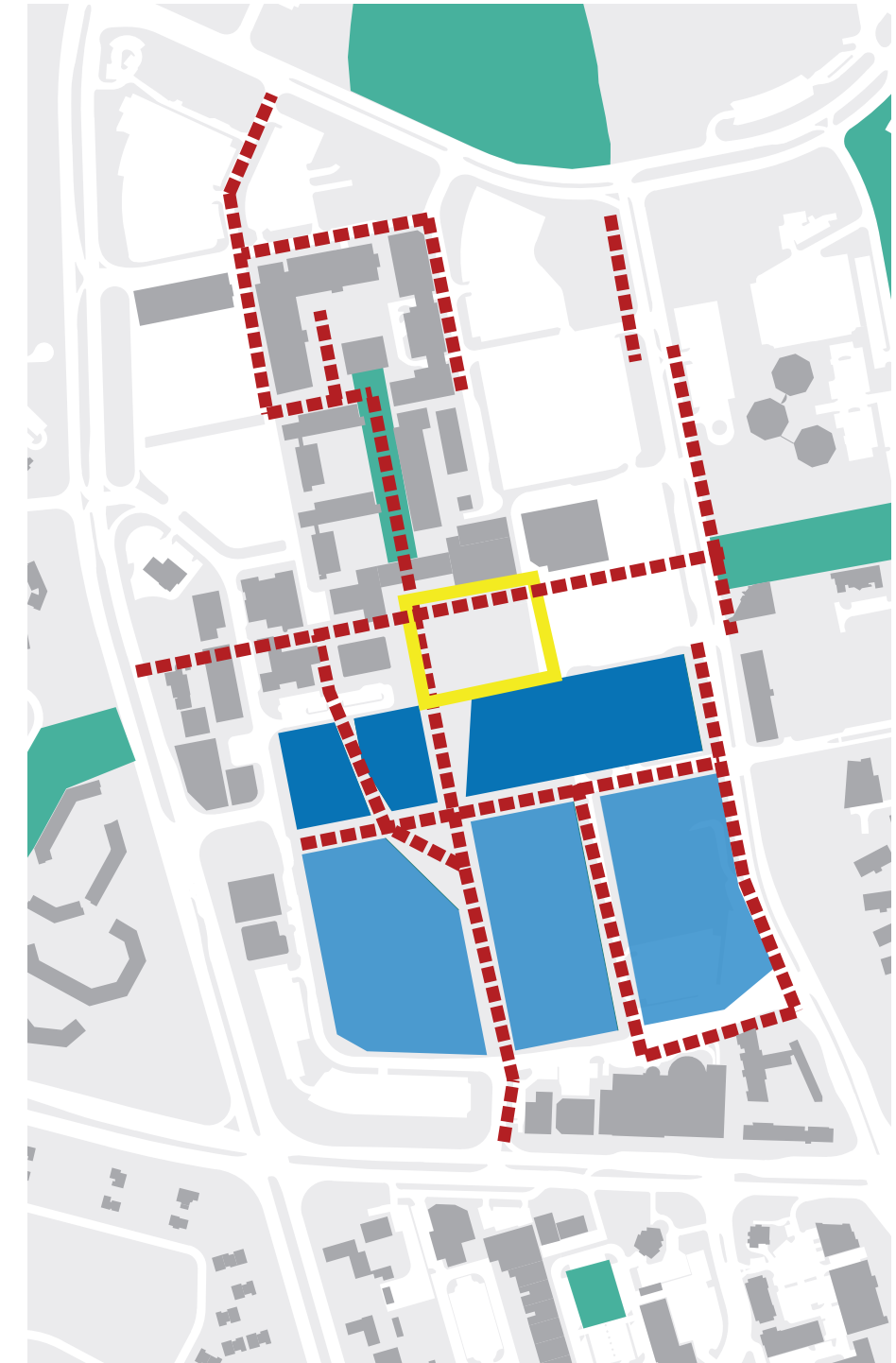
as results of new routes

Design Solution

- A new road and new shopping mall. A road is to separate vehicles from pedestrian walk, for better walk way.
- A wide main circulation from the East to West through building complex to enhance connection. The circulation solves the level difference between both sides of the site. The circulation also served as public space. Therefore, it is also linked to the existing plaza.
- Residential is added on top of shopping mall.
- To utilised more space, some of parking are relocated to underground.

Technical Skills demonstrated in this project

- Autodesk Revit
- Autodesk AutoCAD
- Adobe Illustrator



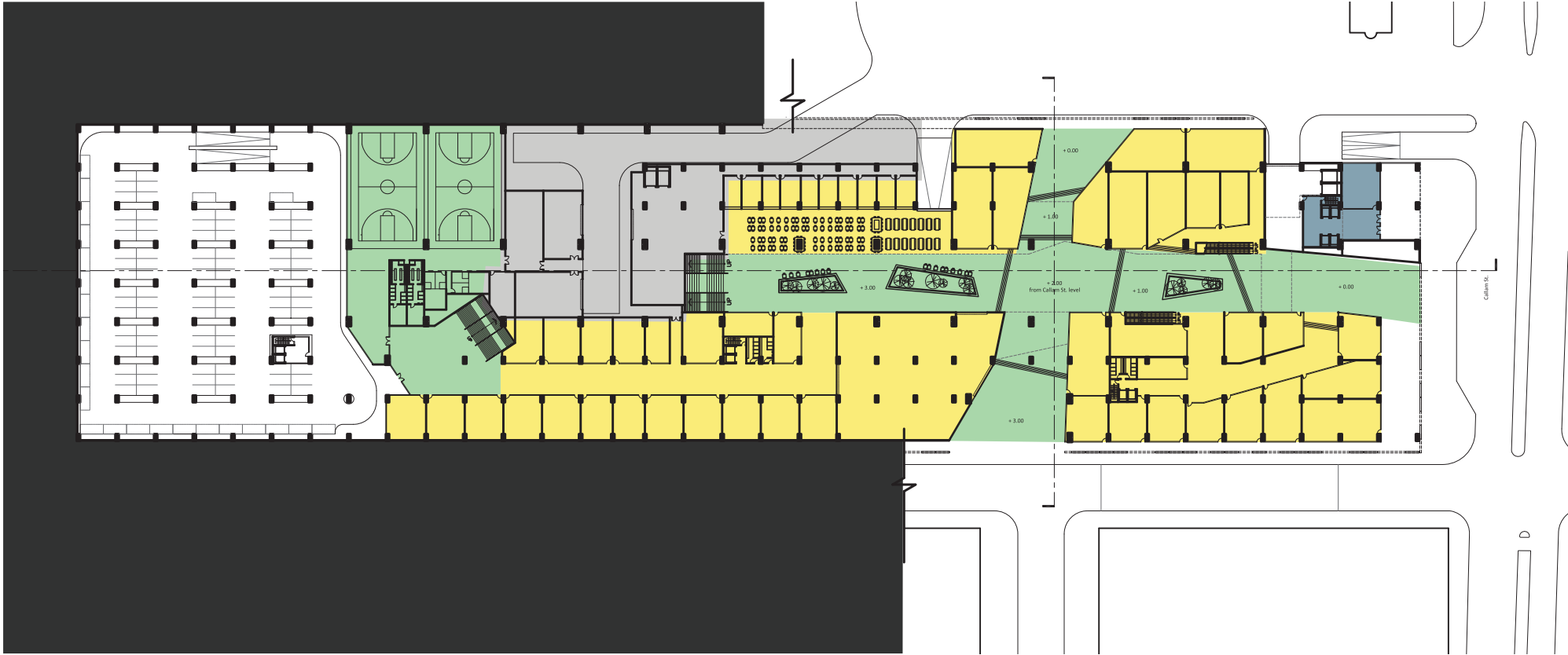
New Plan

New land plots re-organised pedestrian routes to be more continuing. The plaza also becomes more accessible. Original Woden district character that emphasised on axes is reinforced.

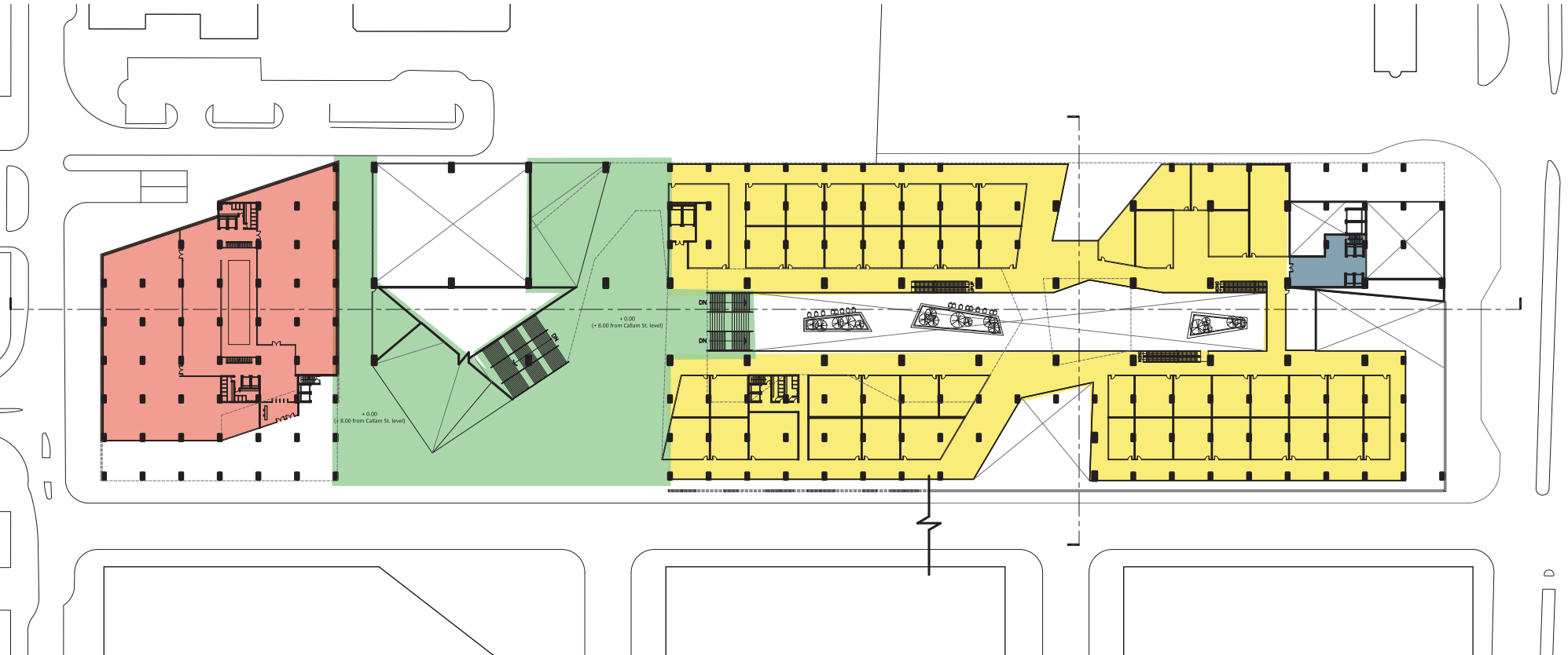
- Pedestrian route
- Woden plaza
- This project
- Future development
- Park and Recreation

- Service
- Commercial
- Residential
- Office
- Recreation/Public Area

Callam St. Level PPlan (+0.00)

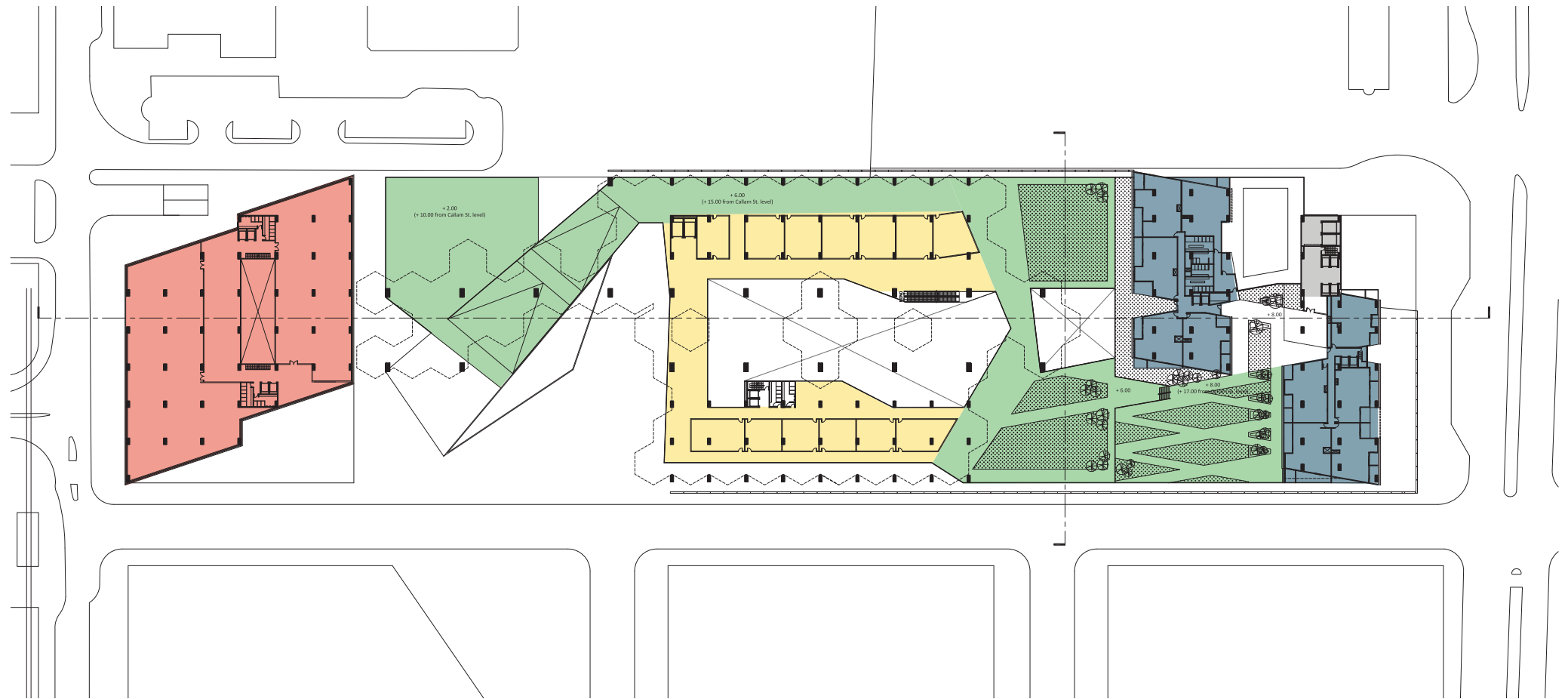


Corinna St. Level PPlan (+8.00)

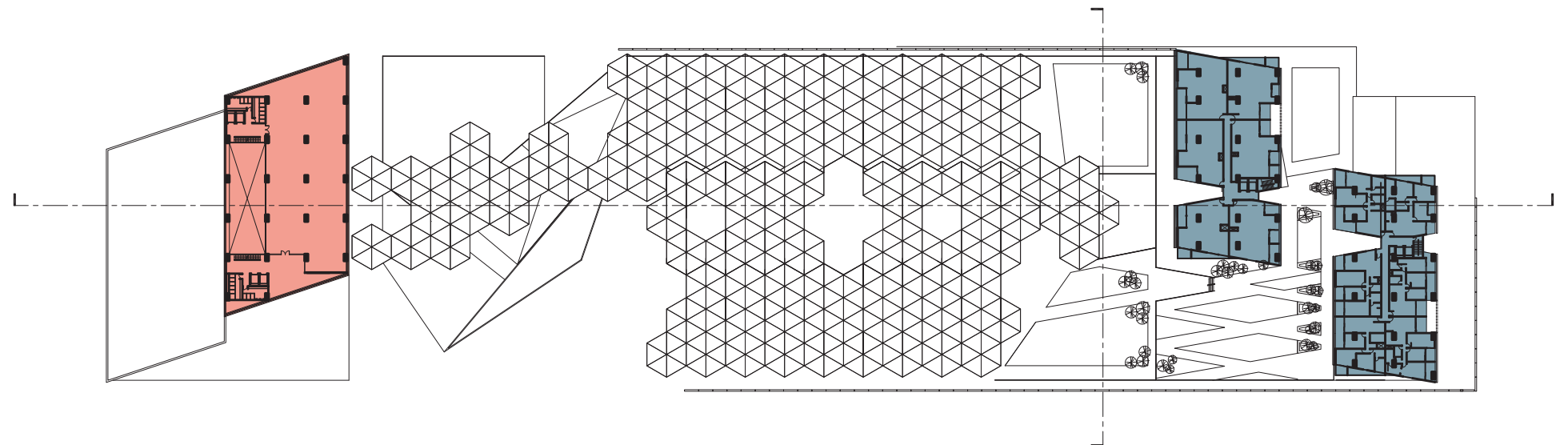


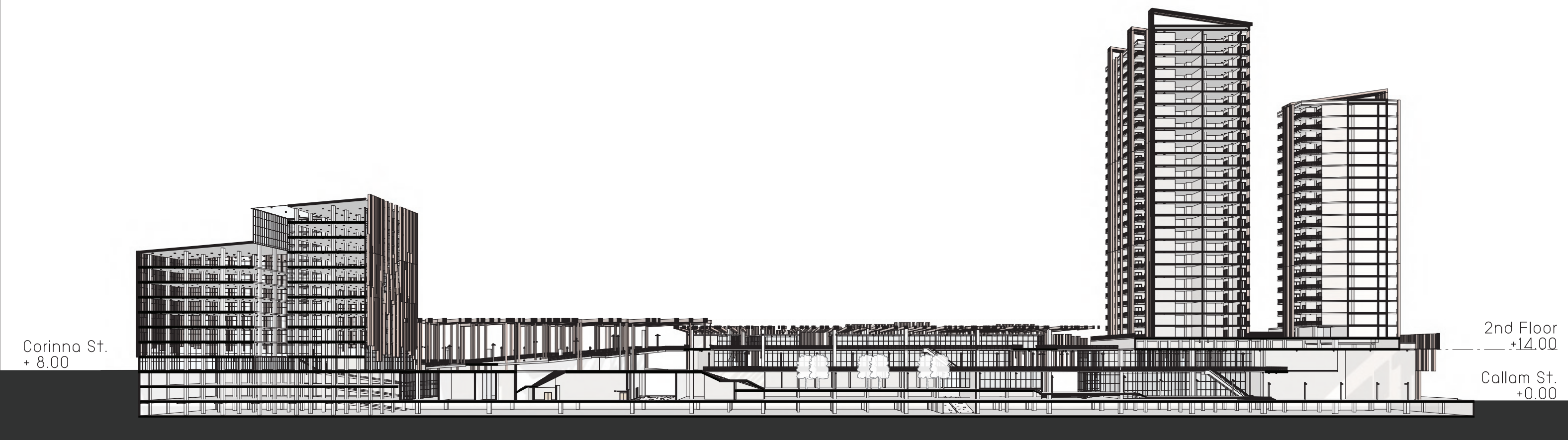
- Service
- Commercial
- Residential
- Office
- Recreation/Public Area

2nd Floor P_Lan (+14.00)



11th Floor P_Lan





Longitudinal Section

Rendered Images



Professional project (2009)

Nursing Faculty Building

Nakhon Pathom Rajabhat University



Design:

Redek (Research and Design Service Center, King Mongkut's University of Technology Thonburi)

Project Status:

During Construction

My Position:

Junior Architect

Nursing Faculty building is a 5 - story - building that suites all purposes and activities of the faculty: Educational Facilities and Administration Section. The difficulty in designing this building is a variety of user types: which are, Dean and Executives, Educators, Administration Section, Students and Visitors.

The strategy is to provide different accesses for different users. Students access to each floor of the building by main staircase, which is also accessible for all educational facilities. For other types of user, there is a minor entrance and staircase to access directly to other sections.

My responsibility

After schematic design from senior architect, I was assigned for designing details lecture rooms, staircase and helped team complete construction drawings. I was also part of the presentation team in making final touched to rendered pictures and graphics.

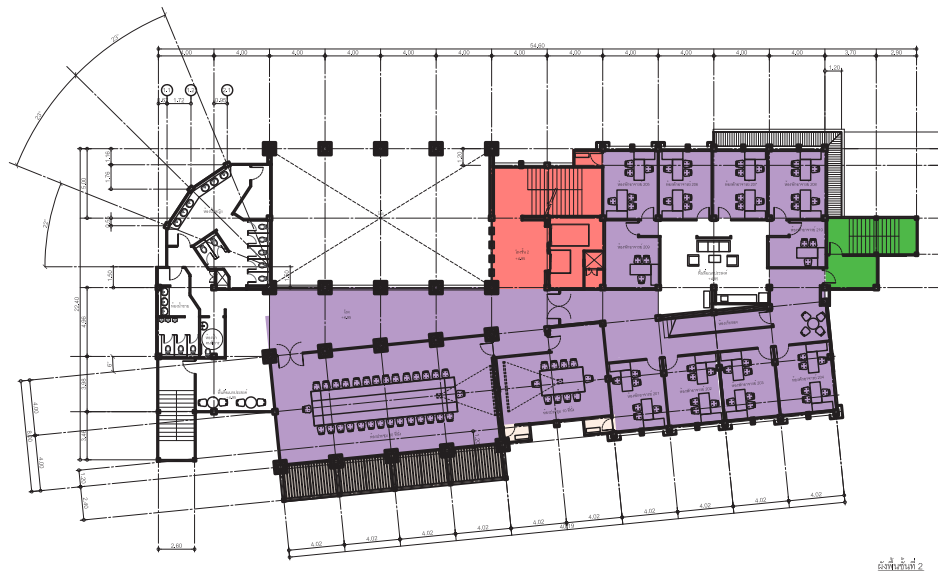
Technical Skills demonstrated in this project

- AutoDesk AutoCAD
- Adobe Illustrator
- Adobe Photoshop



- Student Multi-Purpose Area
- Main Staircase & Elevator
- Administration Section
- Executive Section
- Visitor Area
- Sub entrance & Staircase

1st Floor - Programs that need to be accessed by most types of user are inserted in this floor. Visitors Area, Administration Section and Executive Section are designed to be in this floor with their separate entrance from students area.



- Educators Facilities
- Main Staircase & Elevator
- Sub entrance & Staircase

2nd Floor - This floor is dedicated for Educators and Lecturers. Working rooms for each Lectures can be accessed by a sub staircase, while meeting rooms can also be accessed with main staircase.

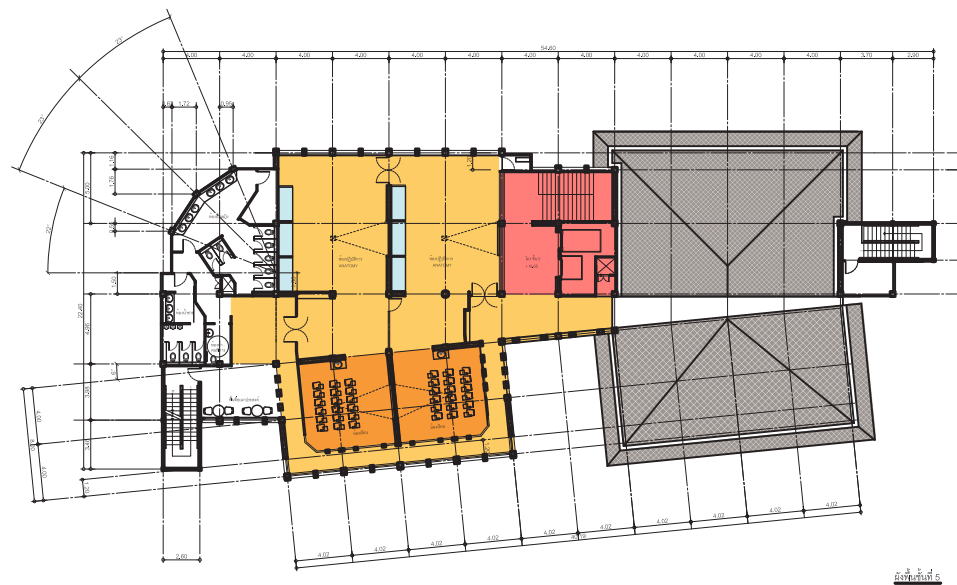
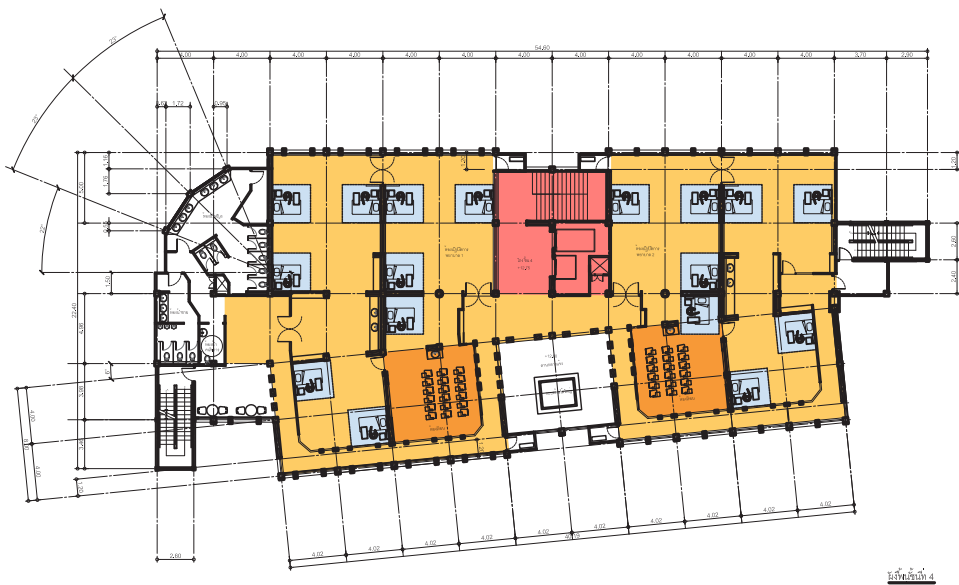


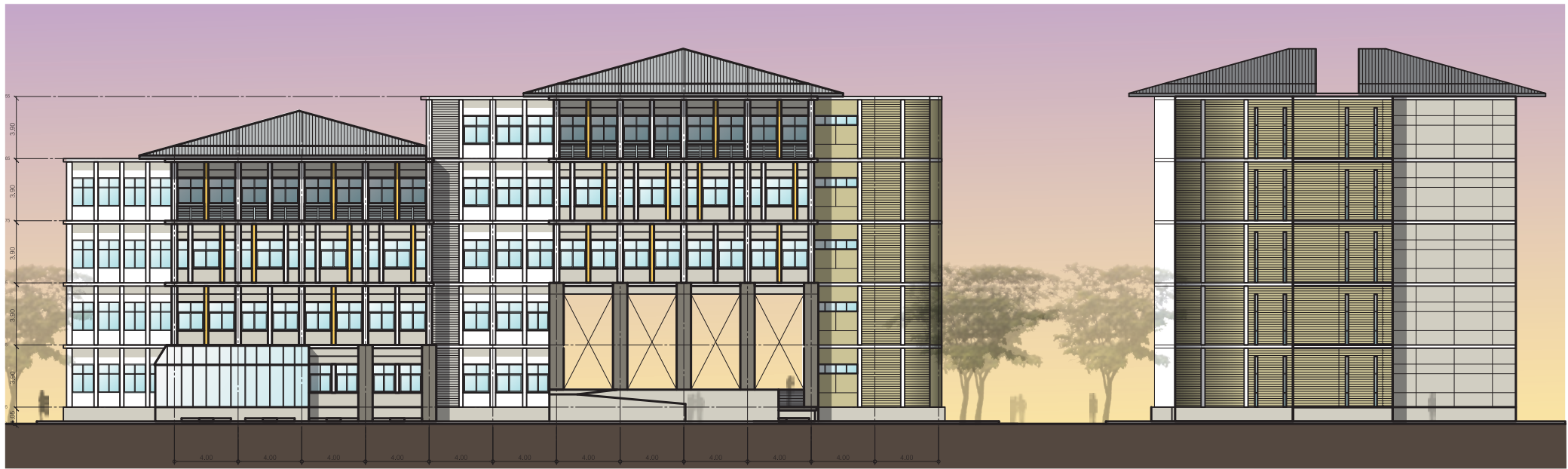
- Educators Facilities
- Main Staircase & Elevator
- Sub entrance & Staircase
- Lecture Rooms

3rd Floor - Lecture Rooms, which are the most frequently used facilities of students, are put in this level. It is also convenient for lecturers to access the facilities.

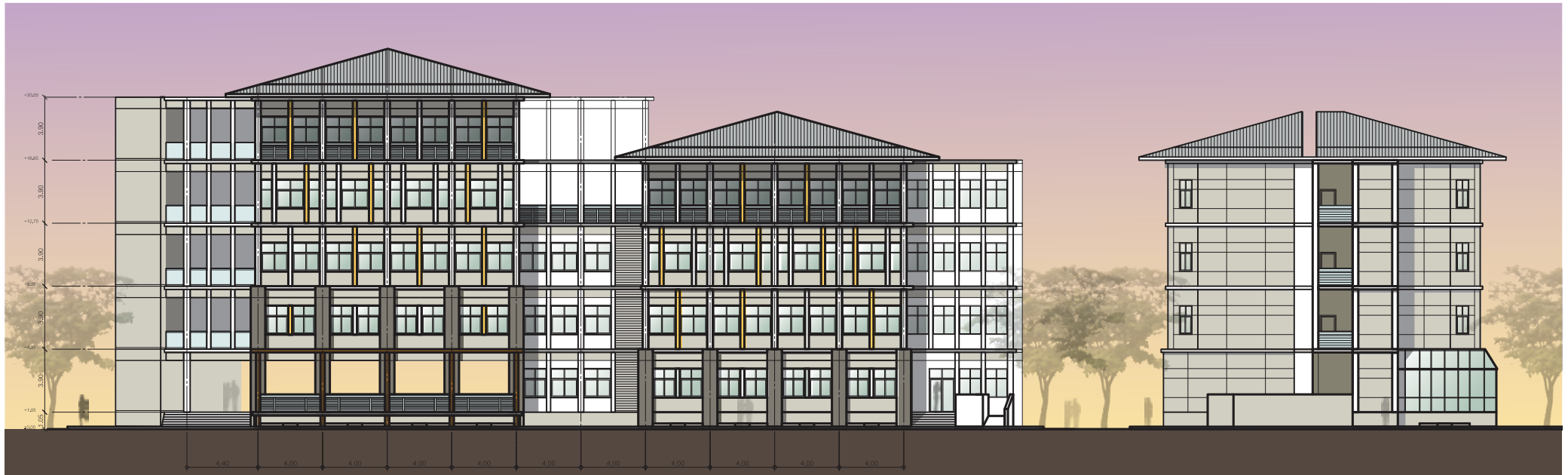
4th - 5th Floors - The floors are dedicated for Student facilities: include workshop stations and small lecture rooms.

- Student Multi-Purpose Area
- Main Staircase & Elevator
- Administration Section
- Executive Section





North and East Elevations



South and West Elevations

Reder Pictures and Construction pictures



Professional project (2010)

Administration Building

Institution of Organic Agriculture

Design:

Redek (Research and Design Service Center, King Mongkut's University of Technology Thonburi)

Project Status:

During Construction

My Position:

Junior Architect



The approach from the south side of the building, featured with a man-made pond. The water feature help to cool the temperature of the incoming wind to the building.

Administration building is part of a complex of Institution of Organic Agriculture. The institution is supported by government to provide education for local and people who are interested in organic agriculture. The team was assigned to design the Master Plan and all buildings in the complex.

The ideal achievement of the organic agriculture is to eliminate all wastes, or re-use the wastes the useful way for other agriculture processes in the farm. The designs for Master plan and buildings in the complex therefore; needs to reflect the re-use, or maximize the use natural resources of the site.

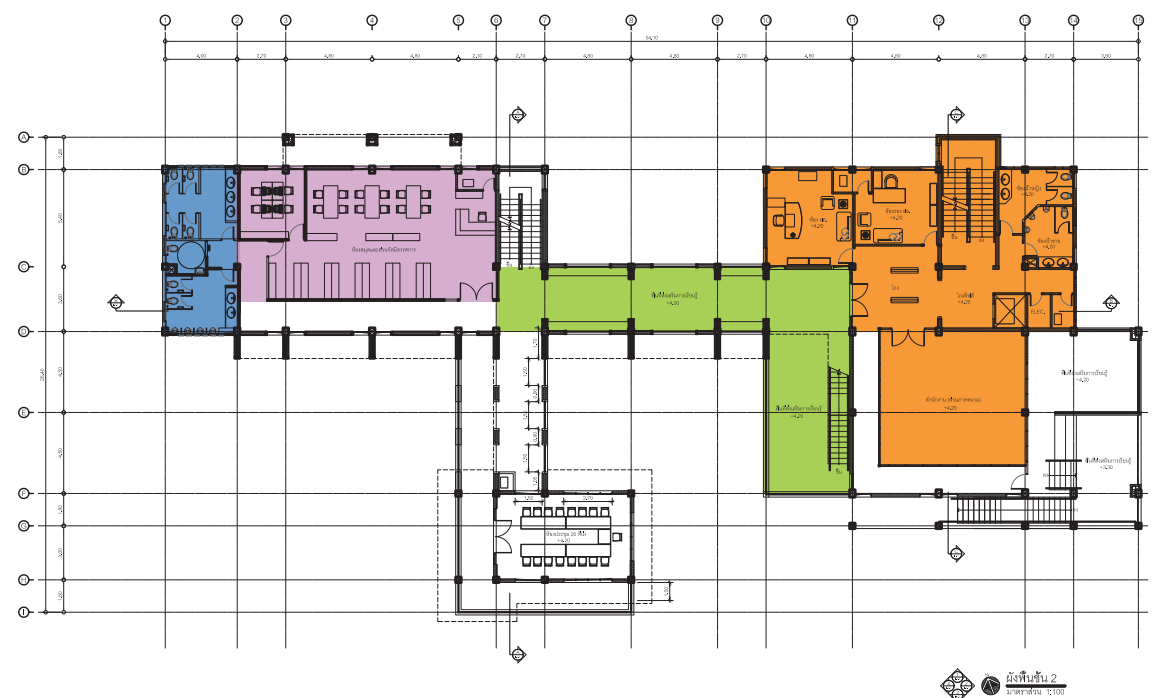
A feature that is inserted into Administer building design is a "re-use" of rain water for cooling part of the building.

Simplified form and layout of Thai traditional house are used in this project, design that consists of several "separated individual rooms" that are connected by corridor and plaza. Rain collecting function also benefits from the use of gable roof



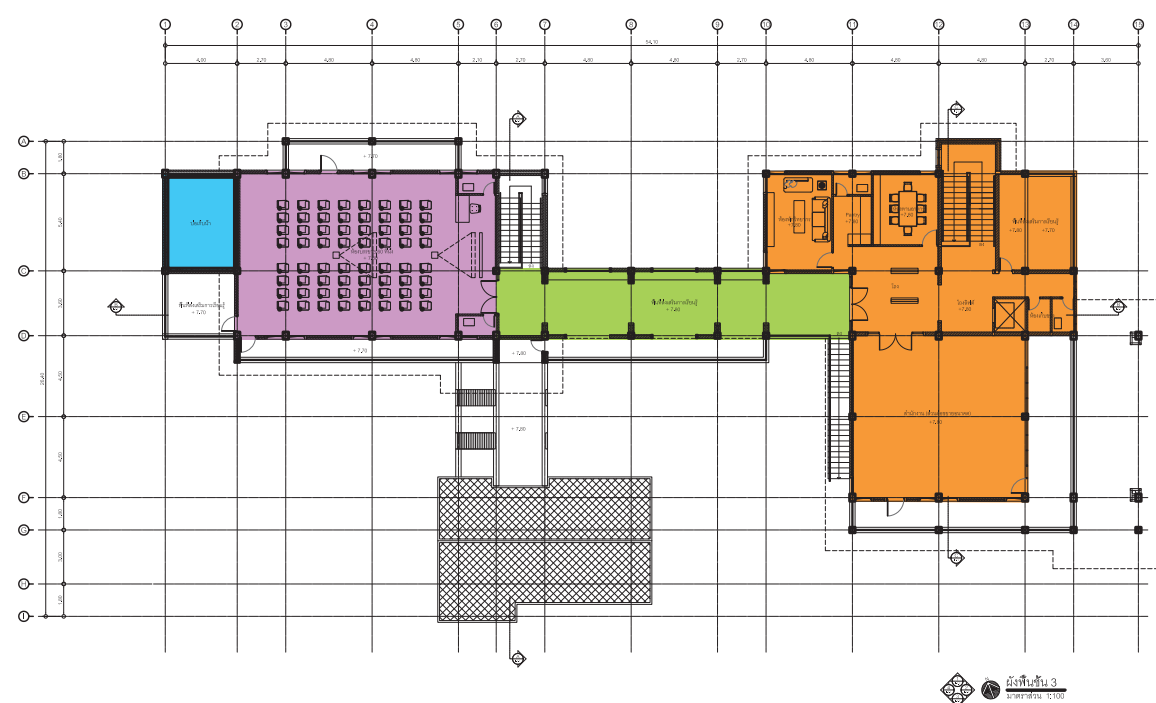
- Adminstration Section
- Open-air Educational Area
- Educational Facility (Library)
- Restroom
- Water Tank

1st Floor - Rooms that are located near the water tank will get a radiation cooling from the water, reducing the use of air conditioning. The collected rain water also can be used for other purpose.



- Adminstration Section
- Open-air Educational Area
- Educational Facility (Library)
- Restroom
- Water Tank

2nd Floor - 2 types of function are designed in this building, one is Administration section and Educational Facilities. Open-air Educational Area provides a visual connection to demonstration farm in the complex.



- Adminstration Section
- Open-air Educational Area
- Educational Facility (Seminar Room)
- Restroom
- Water Tank

3rd Floor - There is also a water tank on this floor, located right above restrooms on floors below. This water tank is served for sanitary purpose.

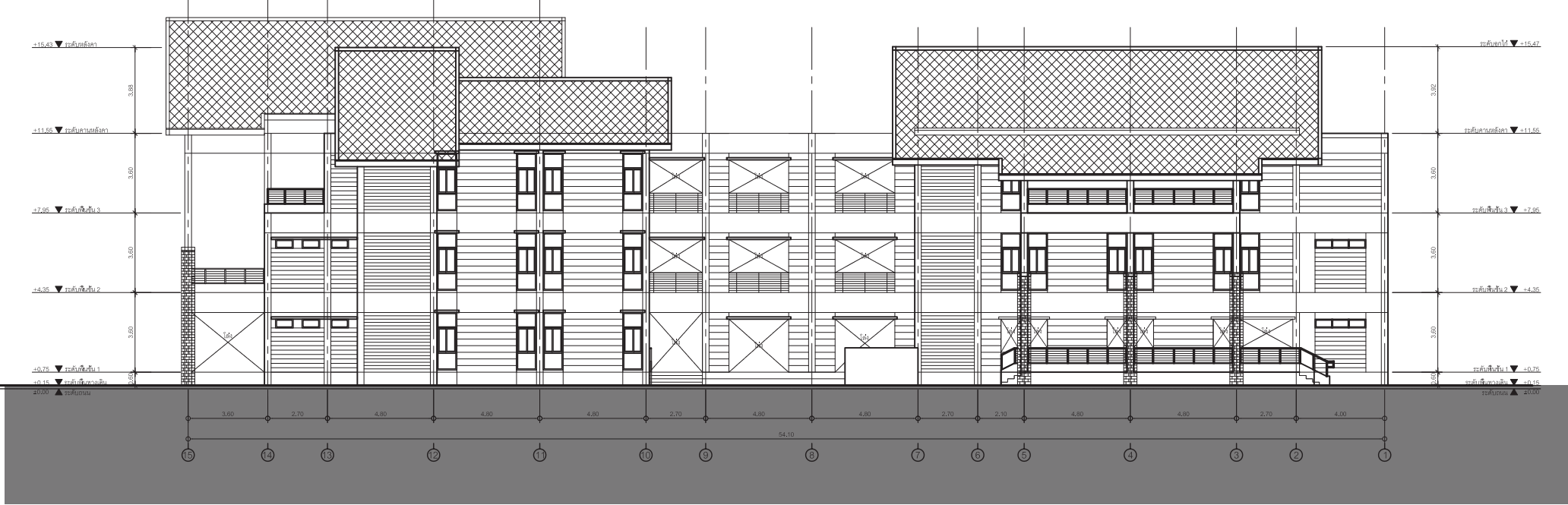
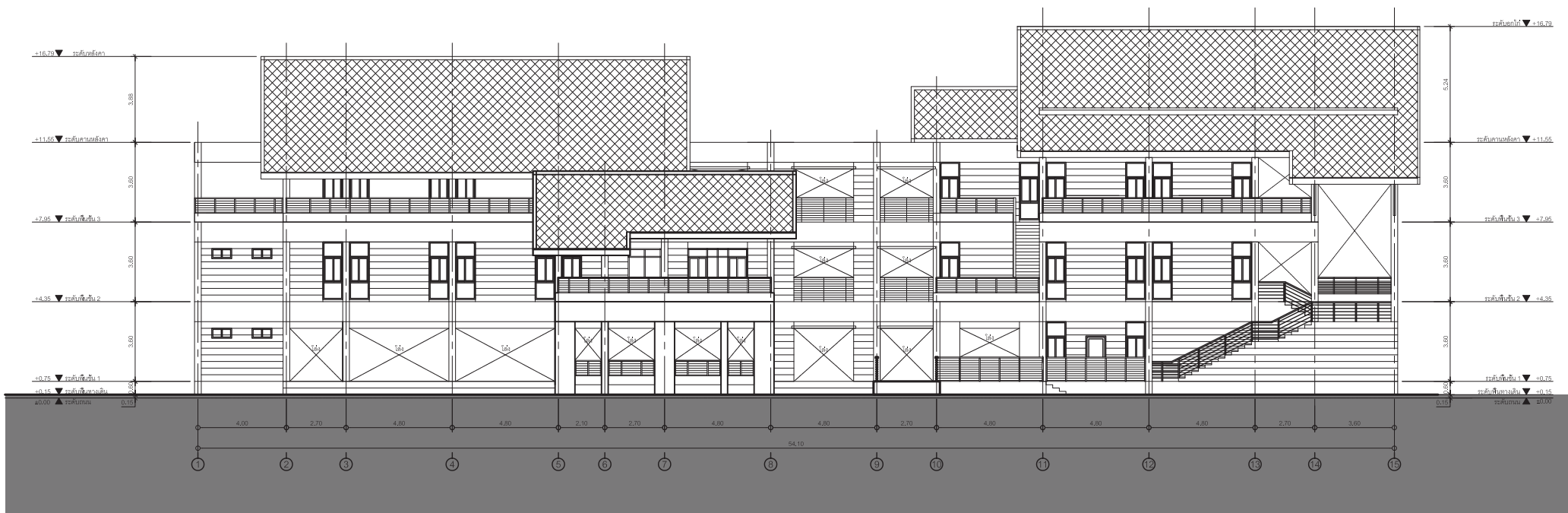
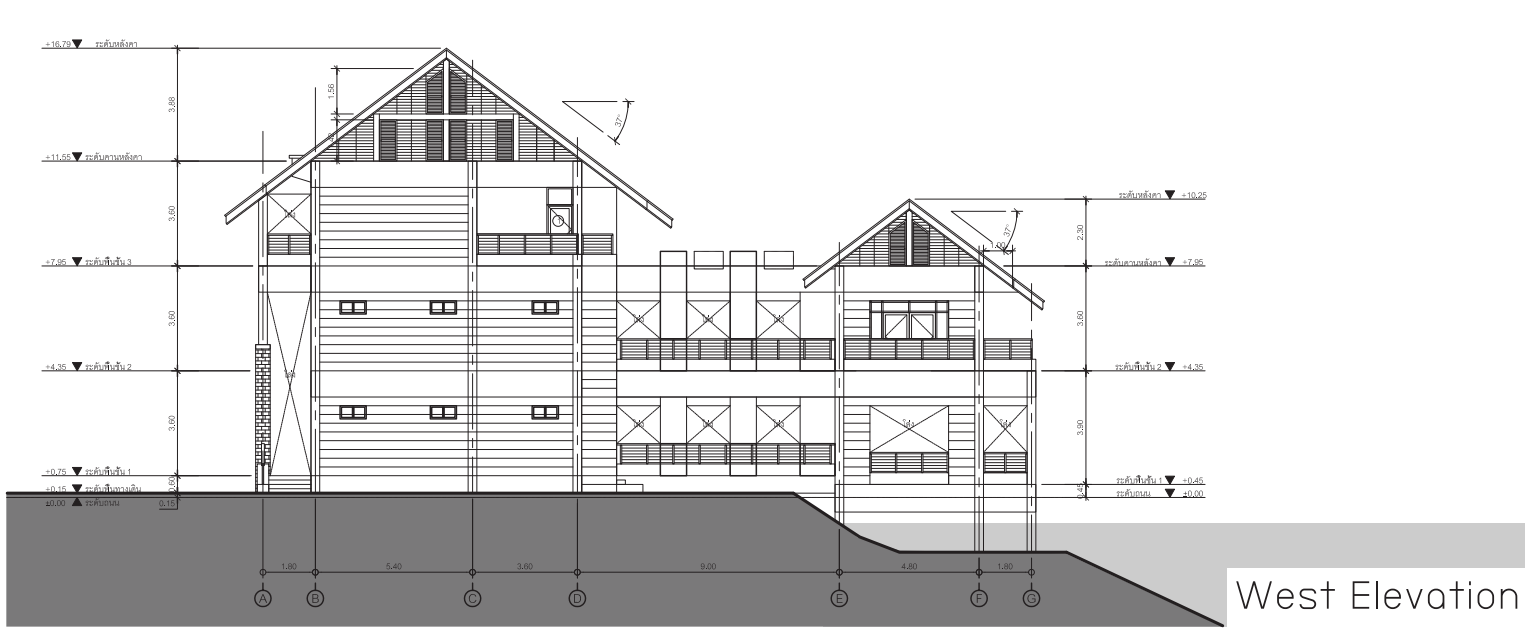
Collected rain water is stored in water tanks, which are designed to part of the building. Depend on tanks location, water will be used for sanitary purpose and cooling the parts of building. Building's temperature is also adjusted by man-made pond which is located on the south side of the building, cooling down incoming wind before getting into the building. The pond is also the result of designed water circulation, collecting rain water from the rainy season.

My responsibility

I was assigned in construction drawing team, finishing off all details of the building according to a rough of senior architect. I was also part of the presentation team in making final touched to rendered pictures and graphics.

The building also integrate characters of Thai traditional house





Redered Images

