

# P O L L O L I O

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Architecture

Sorawis Limjaroensuk

This portfolio contains my undergraduate and master's works since 2011-2017, includes small scale projects like housing design up to large scale projects such as real estate development. All the following collection of works being presented here has been influenced by my own experience from the projects done during my study at Faculty of architecture and planning, Thammasat university, Thailand and also through my private research and understanding, some might be an unsuccessful project, but it was a learning that resulted me in a continuous development.

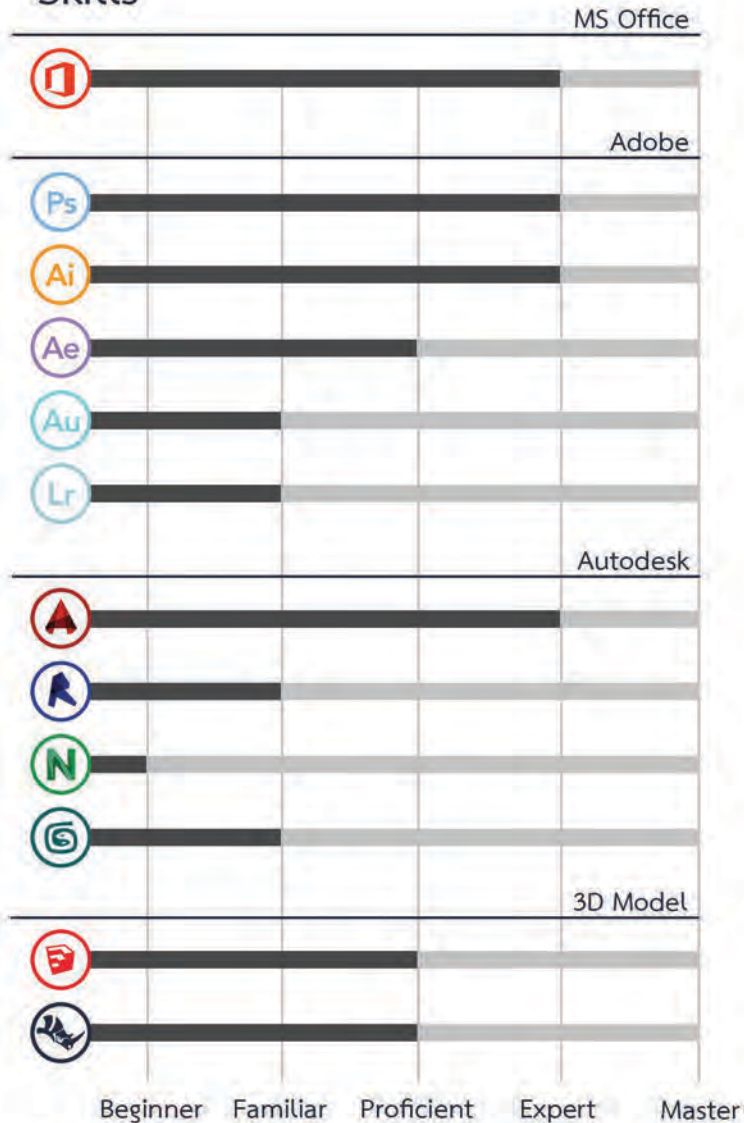




3	<b>Personal Info</b> Biography / Experiences
4	<b>The Gap House</b> Small living unit design / Bachelor's degree
5	<b>Song Karia Raft Hotel</b> Low-rise + Interior design / Bachelor's degree
6	<b>Thailand Pavilion Expo 2015</b> Public space design / Bachelor's degree
7	<b>Interactive Movable Box</b> Interactive space design / Bachelor's degree
8	<b>Community Center</b> Architectural design research / Master's degree
9	<b>The Thrive</b> Architectural project management / Master's degree
10	<b>Destino Townhome</b> Architectural project management / Master's degree
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13	<b>Lake Serene Rama 2 Project</b> Risland (Thailand) Co., Ltd.



## Skills

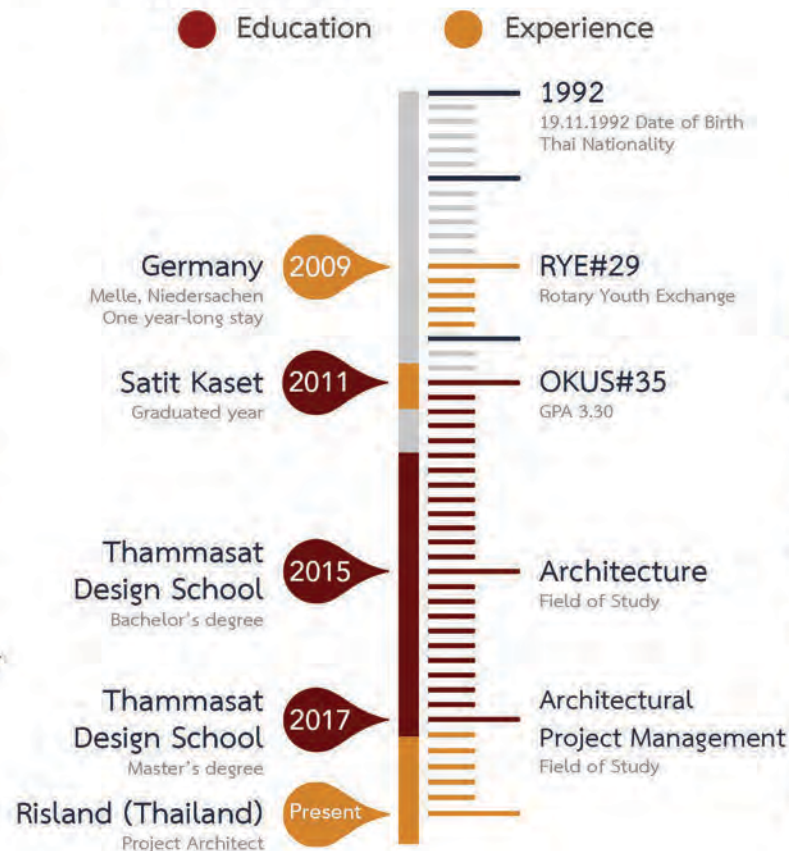


## Language

- THAI (Native)
- ENGLISH (Fluent)
- GERMAN (Intermediate)

Hello, my name is Sorawis Limjaroensuk (Piew). I currently work as Senior Project Architect at "Risland (Thailand) Co., Ltd." which is part of Chinese Real Estate Company "Country Garden", experienced in Design and Construction management of Housing and Condominium projects. Finished my bachelor's and master's degree at Faculty of Architecture and Planning, Thammasat University, Thailand, majoring in Architectural project management, this field is covered all the building life cycle, from marketing strategies, design, construction and facility management, which also involved critical thinking, team cooperation, research methodology and various management skills.

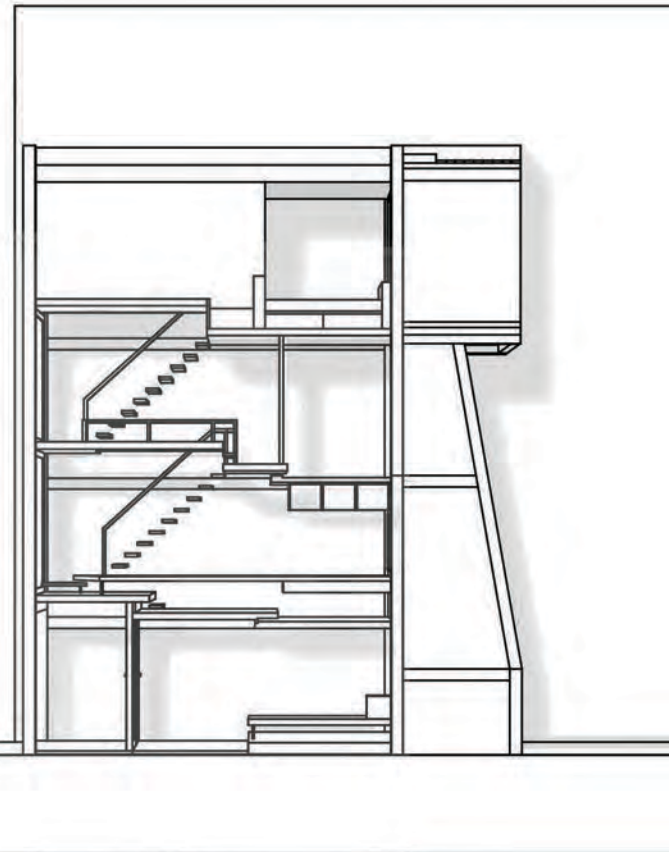
## Experiences



## Contact

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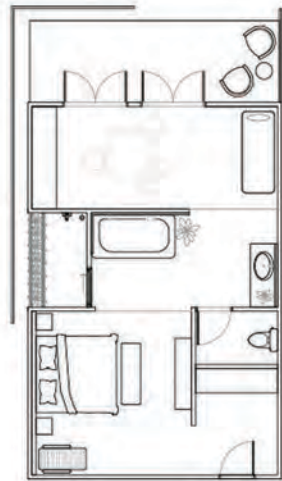




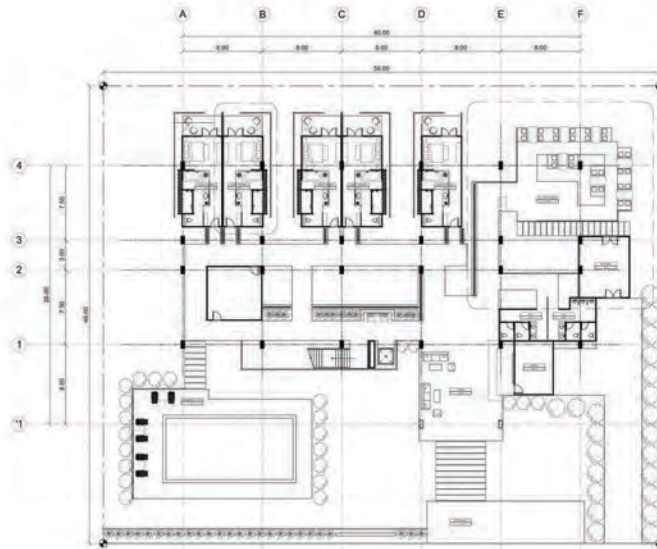
This project is housing design project with concept of solving increased population density and lack of communal spaces, by using space located between building, in order to create housing unit. The gap house have 4 story height and located on the plot measuring 8 feet in its widest point, which were to designed for maximum profit and efficiency of space, with the concept to be space-efficient without compromising on the quality of lifestyle. The house was designed for the front and back façade to get advantage of air ventilation



# Song Karia Raft Hotel

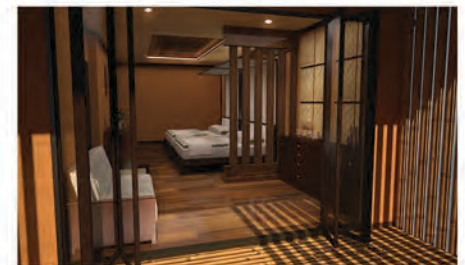


Room Plan



Master Plan

This project is about boutique hotel design which include both exterior and interior design, located in Sangkhlaburi, Kanchanaburi and situated on the bank of an artificial lake formed by the Vajiralongkorn Dam. Designed and furnished in a themed "Raft-house" which inspired by a life of the people who lived here, decorated with thatched roof and woven bamboo representing the vernacular architecture, a fitting emblem to showcase the creative possibilities of historical buildings, traditional architecture and urban environments.



Song Karia Raft Hotel







Section

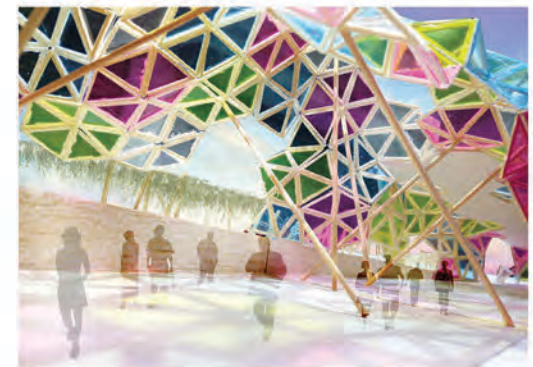


Side Elevation



Front Elevation

This project is thailand pavilion in universal expo 2015 taken place in Milan, Italy. Building's roof are replaced by tinted laminated glass constructed with hexagonal structure, which representing the concept of multi-colored inspired by thai paper umbrella, tinted glass will reflected sunlight and shaded the building into different color, making uniqueness in each area of the pavilion.



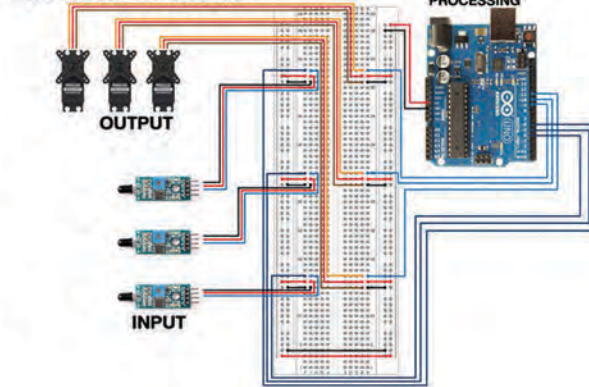


# I.M. Box : Interactive Movable Box (group project)

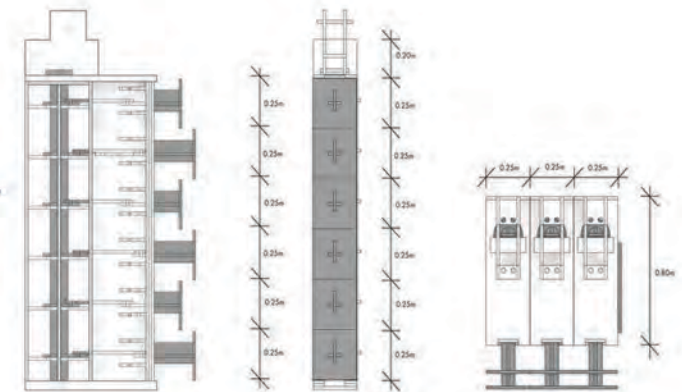
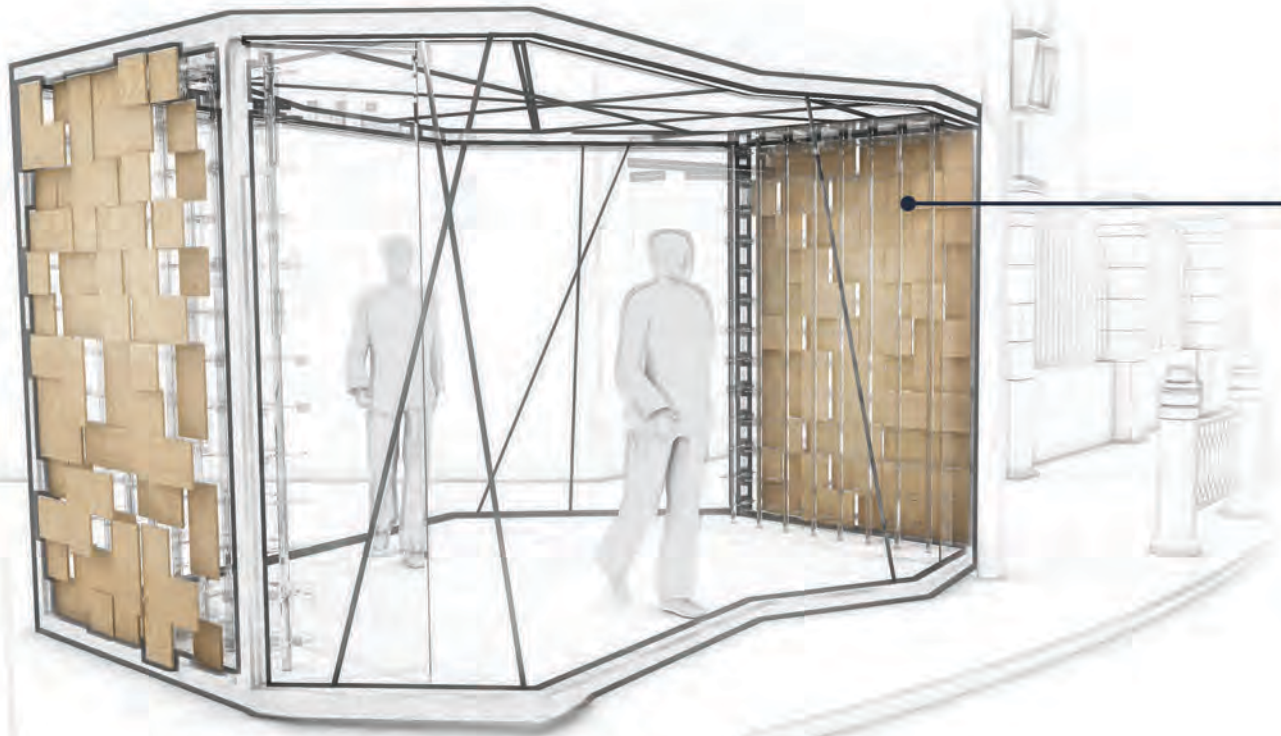
## FLOW CHART



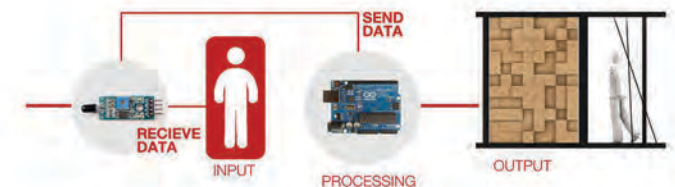
## CIRCUIT DIAGRAM



I.M Box (Interactive Movable Box) is a prototype based on concept of pedestrians safety, which will provide pedestrian much safety while crossing the street. The box acted like a traffic light which will tell the drivers when the crosswalk is used. Interactive panel included mechanical box operated by servo, which commanded by Arduino, and another part is IR sensor for object detection. Coding and data was input/output using Processing and Arduino software.

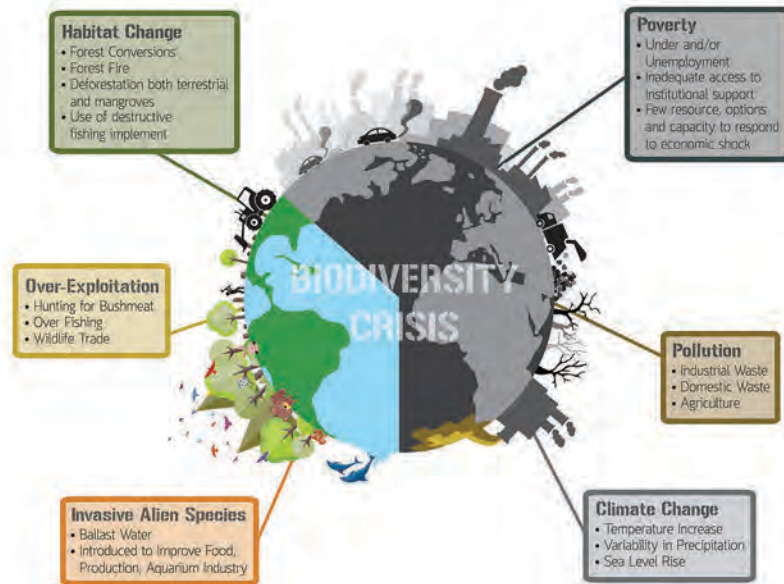


Interactive Mechanical Panels Drawing

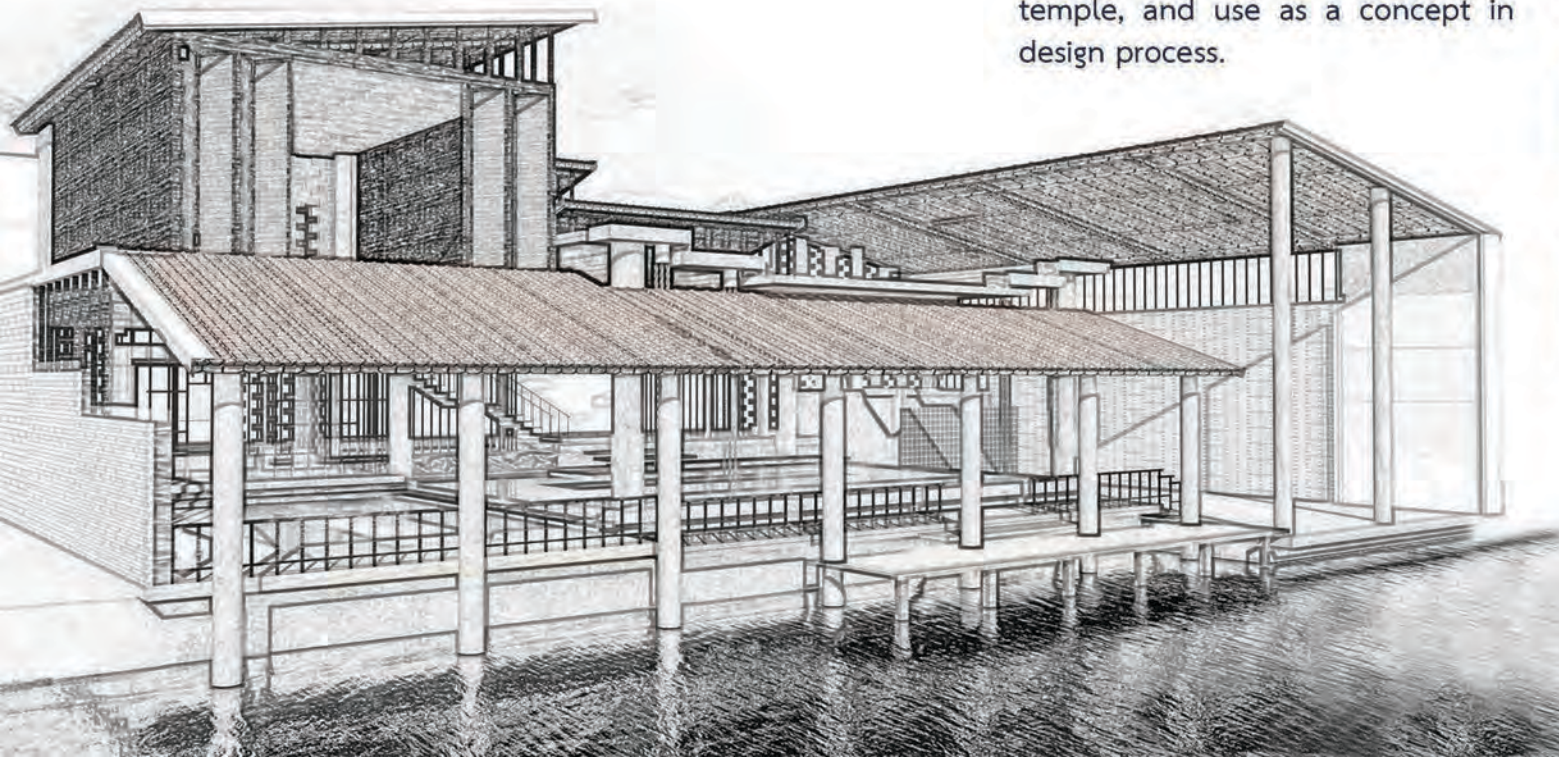




# Community Center (group project)



This is the first group-project in master's degree class. Main objective of this project is to design public locations where members of a community tend to gather for group activities, social support, public information, and help earth's biodiversity crisis. Our community centre design using two concepts; First, wastewater treatment in order to provide better water quality and understanding for member of a community, Second, we define thai's community centre as three function; school, market and temple, and use as a concept in design process.







Type A Merit 50 sq.wa  
3.49 million baht



Type B Virtue 80 sq.wa  
4.29 million baht



*T*  
THRIVE



The Trive project is the first project in architectural project management class. The project contents are covered from marketing and financial analysis to housing and master planning. The Thrive project is a middle-end village project located at Bangbuathong, Nonthaburi. Our project contained site and users analysis, Case study, Marketing analysis such as STP, STEEP, 4P and project feasibility. The design part contained master planning and housing design which included both exterior and interior design. For more information about our project please visit: [tinyurl.com/thethrive](https://tinyurl.com/thethrive)





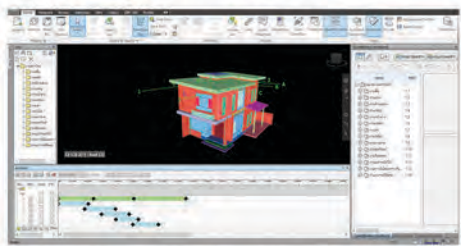
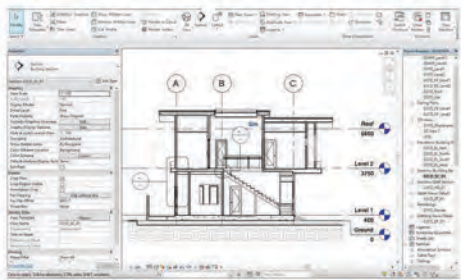
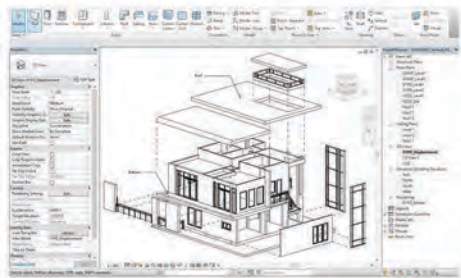
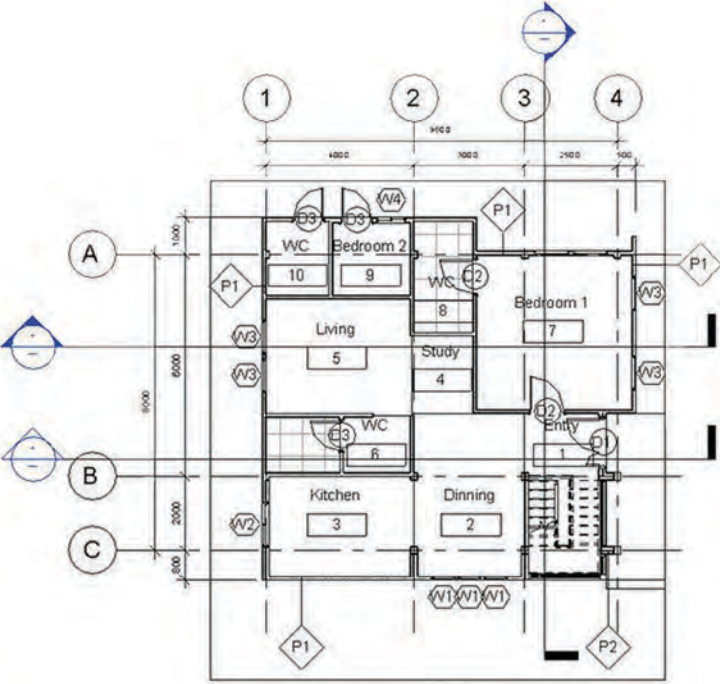
A-UNO 22.8 sq.wa / 110 sq.m.  
2.18 million baht

Destino Townhome is a second project in architectural project management class which the contents also covered from marketing and financial analysis to housing and master planning design. Destino is a low-cost residential project, located at Bangyai, Nonthaburi. This project contained site and users analysis, Case study and Marketing analysis such as STP, STEEP, 4P and project feasibility. The design part contained master planning and housing design as well as interior design. For more information about our project please visit: [tiny.cc/destino](http://tiny.cc/destino)

# destino







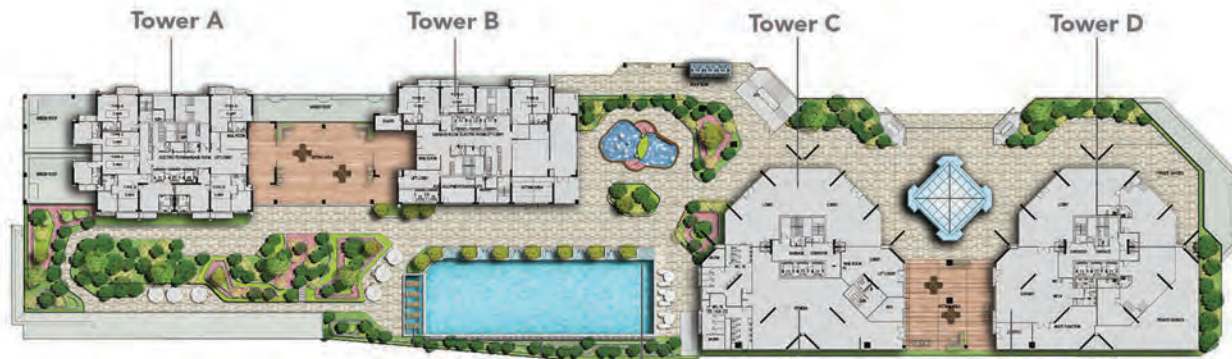
Samples of Revit and Navisworks project

These projects are part of BIM class in Master's program at Faculty of Architecture and Planning, Thammasat University. Revit basics learned in this class includes 3D modeling, Creating legend/schedules/quantity/sheets, Create/edit family and Presentation. Navisworks also learned in this class, which includes Model importing, Create and manage selection and search sets, Quantity takeoff, Timeliner, Clash detection and Animation.



# Artisan Ratchada Project

2017-2018



Masterplan 4th floor



Project Type:	Mixed-use
Residential area:	4 Tower / 34 floor
Total:	1,337 units
Retail area:	3 floor (Approx. 6,000 sq.m.)
Price:	2.5 - 6.0 MB

Work as Project Architect at “Risland (Thailand)” which is a part of Chinese real estate company “Country Garden”

Responsibilities:

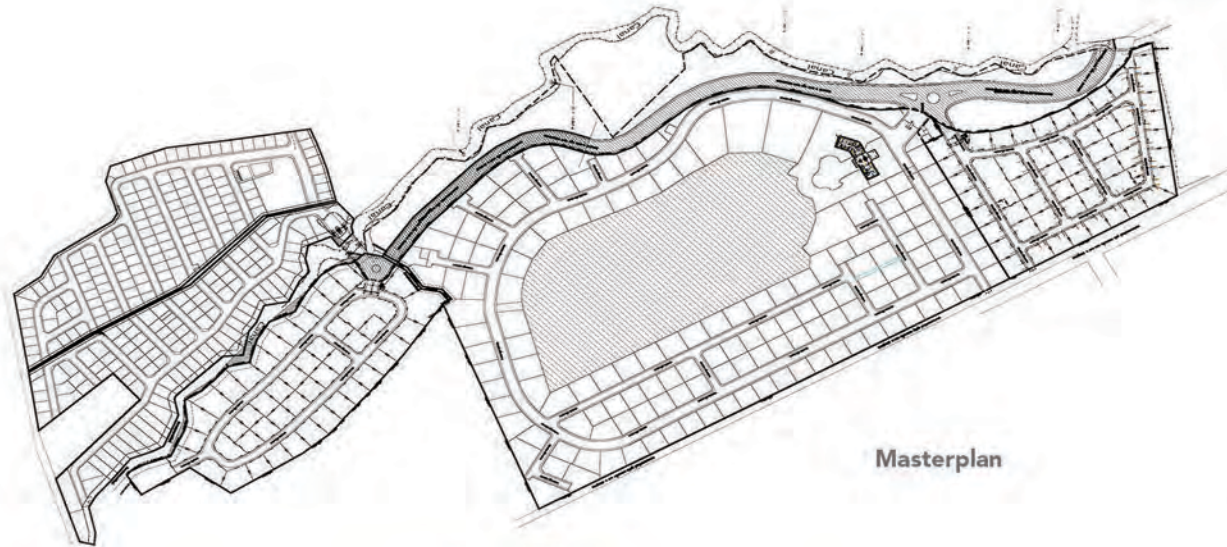
- Coordinate with all the relevant Department from Concept design to Construction process
- Supervise construction of Sales Gallery and Mockup room in Architectural and Interior parts
- Monitoring Construction process to ensure good quality product delivery





# Lake Serene Rama 2 Project

2018-2019



Masterplan

## LAKE SERENE RAMA II

Project Type:	Single detached house
Total Unit:	453 units
Total Area:	227-5-0 Rai
Price:	7.0 - 85.0 MB
Land Area:	100 - 652 sq.wa
Usable Area:	210 - 429 sq.m.

Work as Senior Project Architect at “Risland (Thailand)” which is a part of Chinese real estate company “Country Garden”

Responsibilities:

- Coordinate with all the relevant Department from Concept design to Construction process
- Supervise construction of Sales Gallery, Mockup House and Housing units in Architectural and Interior parts
- Prepare the Design schedule and assist in Construction schedule of the project
- Monitoring Construction process to ensure good quality product delivery