

P L E N G

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P R O J E C T

**HARUDOT
CHONBURI**
The beginning of Spring
Logo | Font | Environmental Graphic

harudot

LOGO

The name "Harudot" combines the Japanese words "haru" (spring) and "dot" (beginning), symbolizing the beginning of spring. In the logo, each letter originates from a dot, representing this concept while maintaining a modern, Japanese, and spring-inspired theme.

FONT

The developed font extends the concept of the logo, with each letter beginning from a dot. It embodies a modern Japanese aesthetic with elements of spring. Additionally, this font is designed entirely in lower-case, creating a sense of user-friendliness.

ENVIRONMENTAL GRAPHICS

On the floor, furniture, and wall

In collaboration with the interior design, the messaging concept revolves around using positive and uplifting words implying the sense of spring. The messages are designed to be pop, simple, and easy to understand.

Firstly, on the floor, short texts matching specific locations will be displayed along with stainless steel curves. These texts are crafted to be easily absorbed at a glance, such as "begin a good day with a good drink" at the entrance and "where all good things bloom" near the coffee brewing area.

Secondly, the texts on the furniture will incorporate playful language related to beverages, catering to those who can spend more time observing. For instance, "sipping by the sun" on a table placed under a skylight, where sunlight perpetually shines, while "do you believe in another cup" is displayed at the slow bar.

Thirdly, the texts on the wall will be concise and straightforward, serving as directional signage.

Lastly, there is a hidden gimmick where petals appear to fall from the trees. These petals gradually fade away and blend into the pattern of the terrazzo floor, creating a subtle and enchanting visual effect.



haru

Spring / Blooming /
The beginning



dot

A dot / Connection /
The beginning

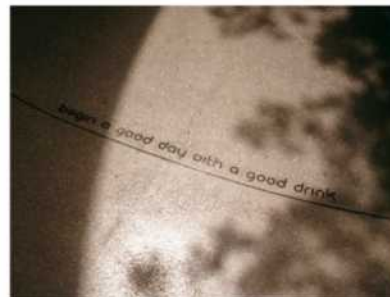


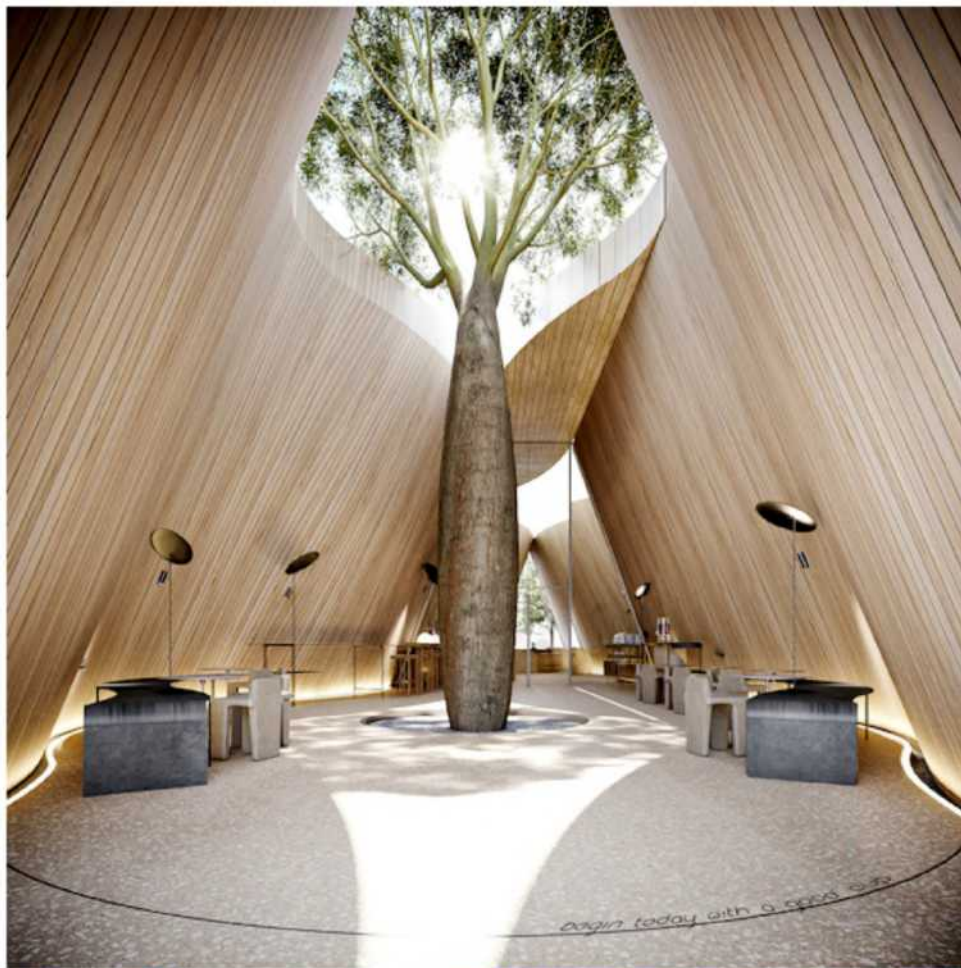
Partly using a curve from the dot to start
the completed form of each letter.



A restriction signage at the exterior slope wall
using simple word "no touching"

a b c d e f g h i j k l m
n o p q r s t u v w x y z
1 2 3 4 5 6 7 8 9 0 #





NANA COFFEE ROASTERS BANGNA

Enhancing concentrate signages
Environmental graphic

SIGNAGES

In contrast from the other signages design which exposed themselves to visitor, the signages at NANA Coffee Roasters (Bangna) is smaller to enhance customer focus along with its concept of "Blurring the borders between the architecture, interior, and landscape, to create a space for customers to concentrate on the coffee experience.

SPEED BAR - SLOW BAR - BEAN BAR

The bar signage is hung on a bulb, seamlessly blurring the graphic and interior elements. Its dynamic curved shape is inspired by the furniture's contours, creating a cohesive design. The white text on a white gradient background promotes focus. Further, the signage's size is carefully chosen to ensure it doesn't obstruct the barista.



GRADIENT WINDOWS

In addition to blurring the boundaries between architecture, interior, and landscape, the gradient used in the design also serves the purpose of providing privacy underneath the table.



TOILET SIGNAGE

Taking inspiration from coffee cups, the design features cups facing the direction of the respective restrooms for men and women.

Additionally, the disabled signage depicts a top view of a coffee cup.





IDIN ARCHITECTS

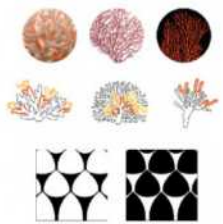
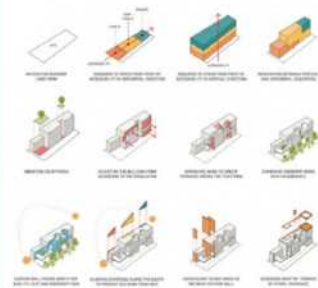
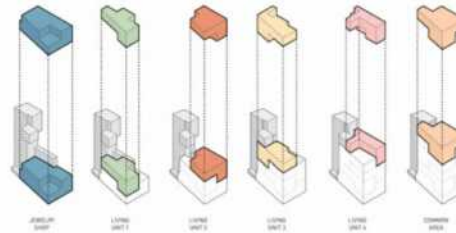
Graphic design for the architectural firm

Selected Projects

- IDIN Architects' timeline for magazine 2020
- The new year cards (2021 - 2023)
- IDIN Architects' first monograph with IMAGES Publishing (Australia)
- The format for diagrams and drawings
- The format for IDIN Architects' presentation
- IDIN Architects' portfolio and resume
- The book for NANA Coffee Roasters, Dusit D2 Hua Hin Hotel, and ARQ10 Krungthep Kreetha

Other Projects

- ARQ10 Krungthep Kreetha, Bangkok
Graphic design for the hoarding and signage
- Riva Vista, Chiang Rai



modernism	
SIGNATURE	
HOT LATTE CORN COFFEE 8.00	COLD BREW 8.00
ESPRESSO 5.00	LATTE 8.00
CAPPUCCINO 8.00	MOCHA 8.00
FRUIT SMOOTHIE 8.00	MILK TEA 8.00
ICE CREAM 5.00	COOKIE 5.00
BAKERY 5.00	GIFT 5.00
OTHERS 5.00	MILK TEA 8.00
ESPRESSO 5.00	LATTE 8.00
CAPPUCCINO 8.00	MOCHA 8.00
FRUIT SMOOTHIE 8.00	MILK TEA 8.00
ICE CREAM 5.00	COOKIE 5.00
BAKERY 5.00	GIFT 5.00
OTHERS 5.00	MILK TEA 8.00

modernism	
MENU	
HOT LATTE 8.00	COLD BREW 8.00
ESPRESSO 5.00	LATTE 8.00
CAPPUCCINO 8.00	MOCHA 8.00
FRUIT SMOOTHIE 8.00	MILK TEA 8.00
ICE CREAM 5.00	COOKIE 5.00
BAKERY 5.00	GIFT 5.00
OTHERS 5.00	MILK TEA 8.00
ESPRESSO 5.00	LATTE 8.00
CAPPUCCINO 8.00	MOCHA 8.00
FRUIT SMOOTHIE 8.00	MILK TEA 8.00
ICE CREAM 5.00	COOKIE 5.00
BAKERY 5.00	GIFT 5.00
OTHERS 5.00	MILK TEA 8.00

MODERNISM CAFE

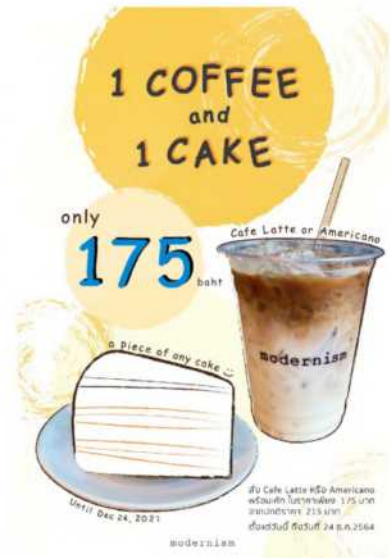
Graphic and product design for the cafe



Selected Projects

Graphic and Product Design

- The menu
- The cafe booklet
- The promotional poster
- The post on social media
- The tote bag
- The totebag tag
- The cookie box
- The cafe steel plate



LA TERRA LOGO DESIGN

The logo and brand concept

THE CURVE OF THE SOIL

La Terra, meaning "The Soil" in Italian, is used for an organic garden, brewery, and patio which offers a revitalized escape from the hustle and bustle of city life.

The main curve of the logo mimics the curve of the soil demonstrating its concept of bringing back to basics. While the concept of "La Terra" is also related in every aspect of the logo for instance, the color and the Amaryllis Terra Cotta Star flower at the end of the logo.

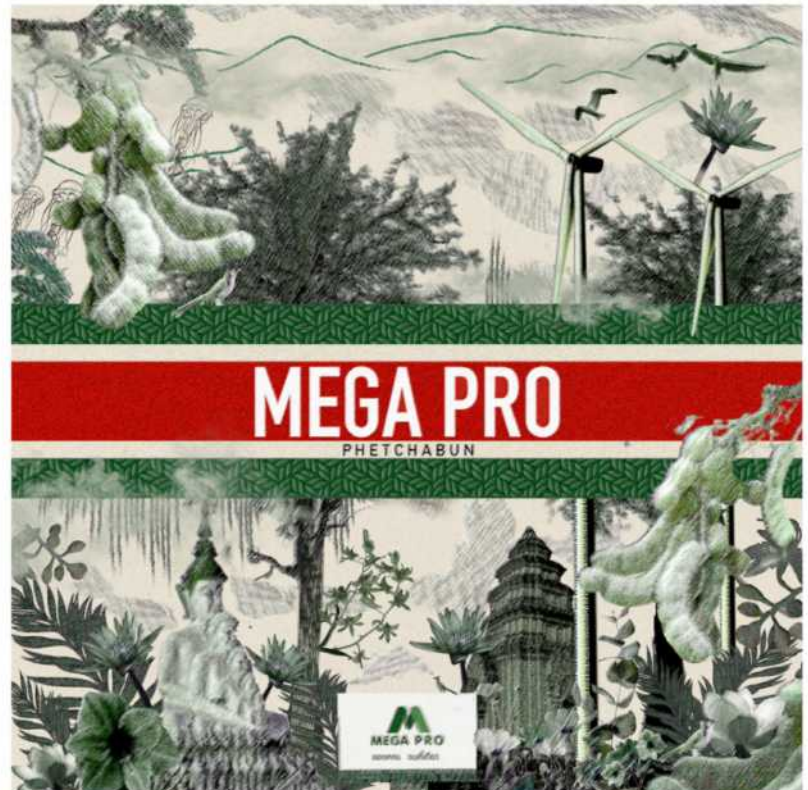
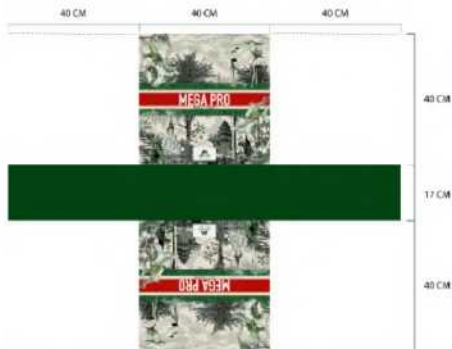


MEGA PRO TOTE BAG

Enhancing the essences of Phetchabun

THE ESSENCES OF PHETCHABUN

Mega Pro, a wholesale store in Phetchabun, intends to encourage people to use the tote bag in their everyday lives. Therefore, the tote bag focuses on Phetchabun people who are highly proud of the essences of their city. The tote bag aims to capture and enhance the essences of Phetchabun through its pattern, while keeping the design trendy through the mimicry from the famous bag brand.



BONBON CLUB LOGO DESIGN

The logo design and the DJ booth backdrops



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BONBON
BONBON
BONBON
BONBON
BONBON

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BALL BALL CLUB

BONBON Club is a renowned hip-hop nightclub situated in Nakhon Sawan. It has gained popularity for its vibrant atmosphere and impressive laser lighting, offering guests an exceptional level of enjoyment.

BON
BON

BON
BON

BON
BON
CLUB

BONBON
NAKHON SAWAN

BONBON CLUB
NAKHON SAWAN

FUN & BOOZE

The design aims to capture the essence of hip-hop, fun, and booze atmosphere associated with the club. The letter has been designed to resemble waves, conveying a sense of being inebriated and influenced by laser lighting effects. Furthermore, the overall shape takes the form of a ball or circle, representing playfulness and a playful interpretation of the word "BON" in Thai, meaning "ball" in English. Lastly, the capitalization of the letters B, O, and N emphasized a sense of power, energy and iconic vibes.

BON
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CLUB

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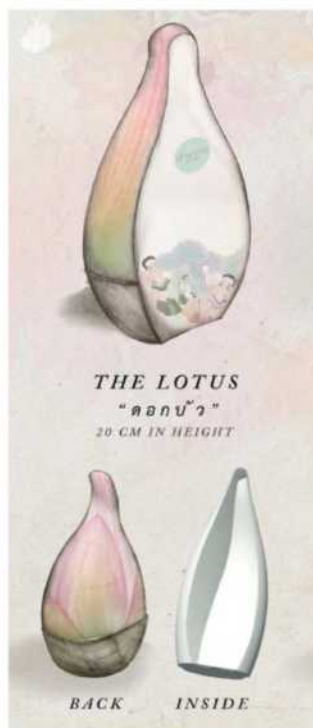
BON
BON
CLUB

BON
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CLUB

BON
BON
CLUB

OVERALL PACKAGING





KAM WHAN

Thai dessert packaging
design solution

A rebranding and redesign product design of traditional Thai dessert to shift the traditional to the next level such as Duty Free shopping. The packaging concerns most about inserting Thainess, uniqueness, and Thai identities in the design while also easy to carry around with practical enclosure preventing fall out and keep the dessert in place.

? WHY NOT

03 JULY 2018
17:00 - 21:00

CHO WHY

17 Soi Nana,
Charoen Krung Rd,
Bangkok



INDA



The tools and skills provided for these processes can be found in every household. Domestic appliances and small hand tools are contained in a set of stations which each facilitate a specific set of operators. As such, recycling is made accessible to consumers of all ages. Whilst minimizing the amount of plastic waste, the home becomes a place of production and creativity.

อุปกรณ์และเครื่องมือในการแปรรูปพลาสติกนั้น เป็นสิ่งที่หาได้ง่ายและใช้ได้ในชีวิตประจำวัน ไม่ว่าจะเป็นเครื่องใช้ไฟฟ้า เครื่องมือช่าง และอุปกรณ์ครัว การนำพลาสติกมาแปรรูปเป็นผลิตภัณฑ์ใหม่ ๆ นั้นสามารถทำได้ทั้งในระดับครัวเรือน และในระดับชุมชน การนำพลาสติกมาแปรรูปเป็นผลิตภัณฑ์ใหม่ ๆ นั้นสามารถทำได้ทั้งในระดับครัวเรือน และในระดับชุมชน การนำพลาสติกมาแปรรูปเป็นผลิตภัณฑ์ใหม่ ๆ นั้นสามารถทำได้ทั้งในระดับครัวเรือน และในระดับชุมชน

'WHY NOT?' is developed with students and instructors from INDA, International Program in Design and Architecture at Chulalongkorn University in Bangkok.

โปรเจกต์ 'Why Not? รีไซเคิลพลาสติก' ได้รับการพัฒนาขึ้นโดยนักศึกษาและอาจารย์จาก INDA, International Program in Design and Architecture at Chulalongkorn University in Bangkok.

The project entails a range of processes to transform plastic objects of single use into products of reuse. Simultaneously, we established a series of workshops at three schools in the Charoenkrung area as an attempt to introduce these processes to children.

โปรเจกต์นี้เกี่ยวข้องกับการแปรรูปพลาสติกให้เป็นผลิตภัณฑ์ใหม่ ๆ ซึ่งสามารถทำได้ทั้งในระดับครัวเรือน และในระดับชุมชน การนำพลาสติกมาแปรรูปเป็นผลิตภัณฑ์ใหม่ ๆ นั้นสามารถทำได้ทั้งในระดับครัวเรือน และในระดับชุมชน การนำพลาสติกมาแปรรูปเป็นผลิตภัณฑ์ใหม่ ๆ นั้นสามารถทำได้ทั้งในระดับครัวเรือน และในระดับชุมชน



WHY NOT?

Plastic Recycling Campaign

'Why Not?' entails a range of processes to transform plastic objects of single use into products of reuse into everyday life. We developed workshops at three schools in Charoenkrung including Assumption College, Wat Muang Kae School, and Wat Suan Phlu School, to generate awareness and introduce specific methods of recycling to children of all ages.

The primary of the workshop combines 3 chapters including understanding, participating, and sharing. Firstly, to shift the understanding of plastic type, plastic use, and plastic recycle which is embedded in our routine for children to make awareness through graphic presentations and stories. Secondly, our staffs help and train kids creating products recycle from their used plastic with our provided manuals, materials, and kits in specific design machines that are safe for kids. Last, let kids do it themselves encouraged their understanding and make sure that it's benefits for participants and others.

Further to our campaign, it would be grateful, if children, parents, and other participants could recycle, adapt, and share the matter to others. We are looking forward to experiencing brand new recycling ideas.

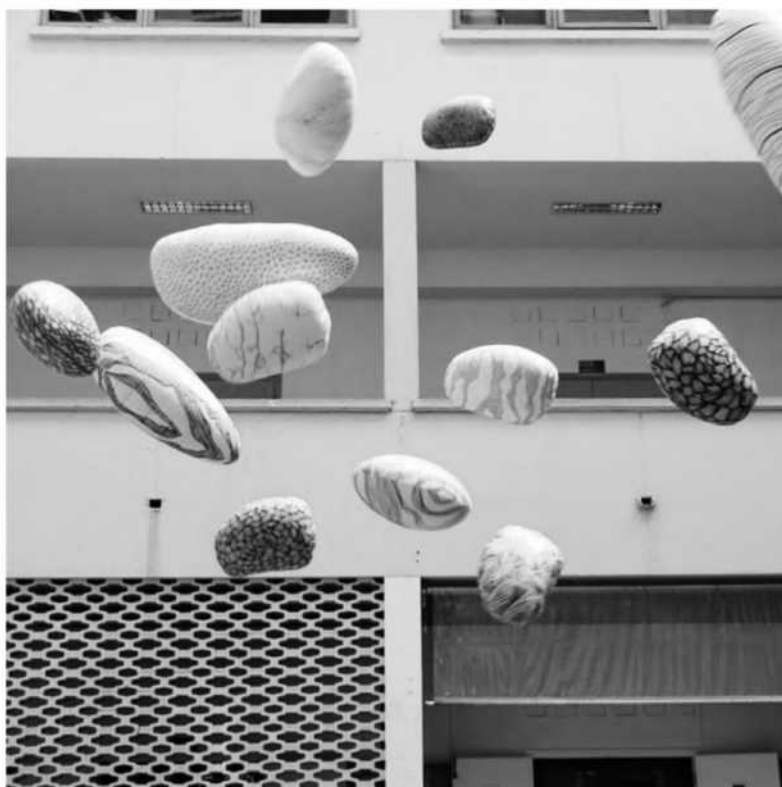
LOYY

Handmade Inflatable Furniture

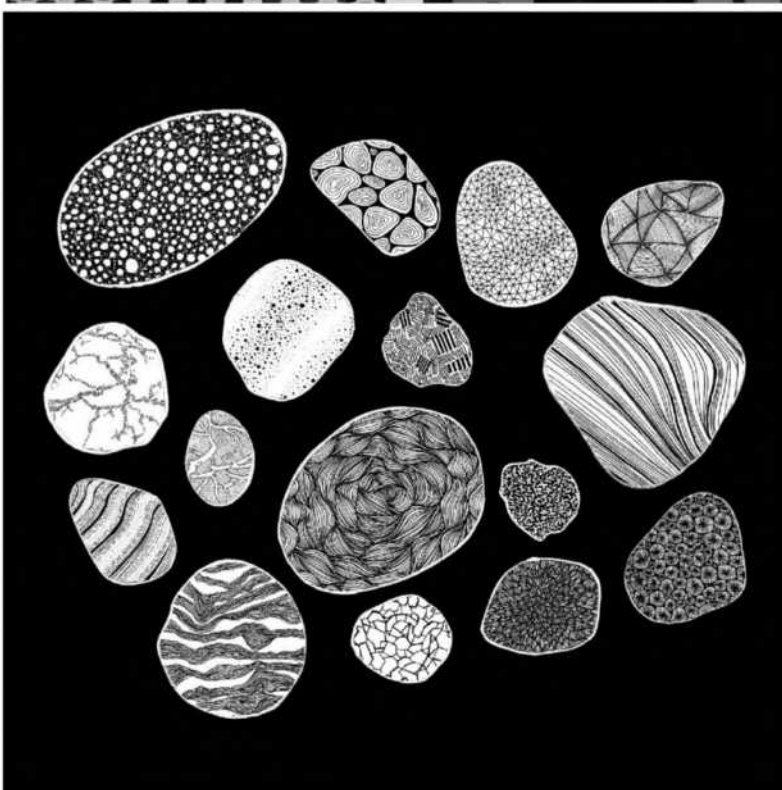
The idea is to make what feels heavy light. Start by observing what stone cannot do such as fly, swim, breathe, walk, run, move, see, hear, grow, speak, blend, inflate, and be light, and by using plastic material that holds qualities of bends, inflate, fold, change colour, change shape, be light, and be seethrough to substitute the heavy rock. By metaphors, inflatable plastic as a rock we design, rethink, develop, create, combine, communicate, captivate, inspire, and imagine what is the possibilities to create furniture that resembles nature. The patterns of each one come from different types of stones such as Prae, Akane, Pakarang, and Takon. By this workshop, all of us start by design collaboratively and creating a PR campaign like videos and photoshoots then eventually sell on Instagram.

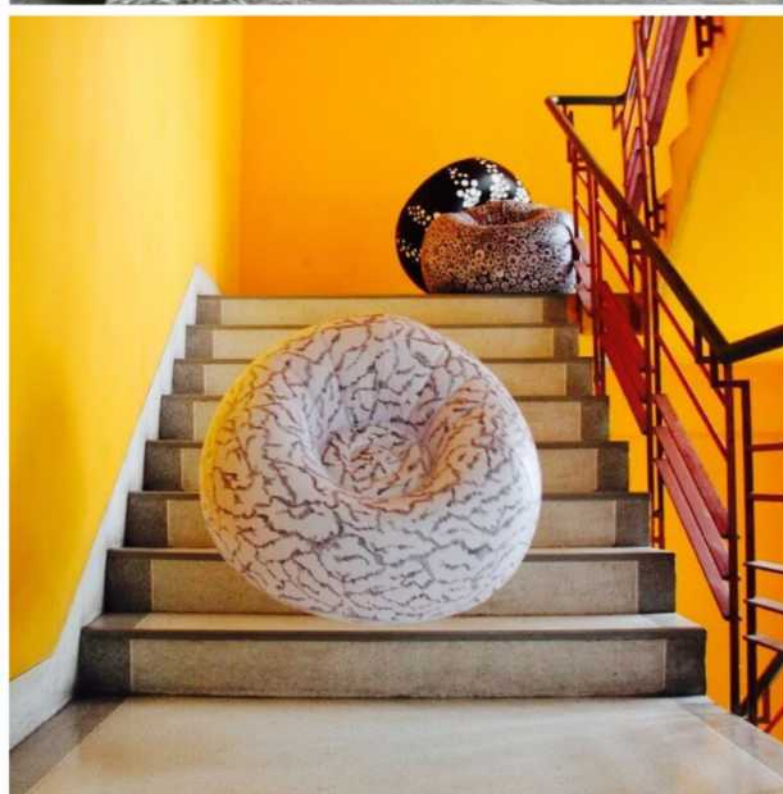




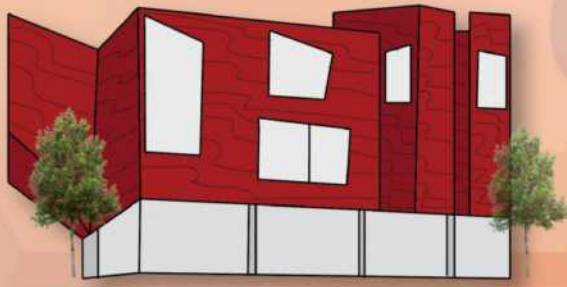


What plastic can do





What stones can't do



Amount

ALONE

GROUP



51.76%



48.21%



64.29%



35.71%

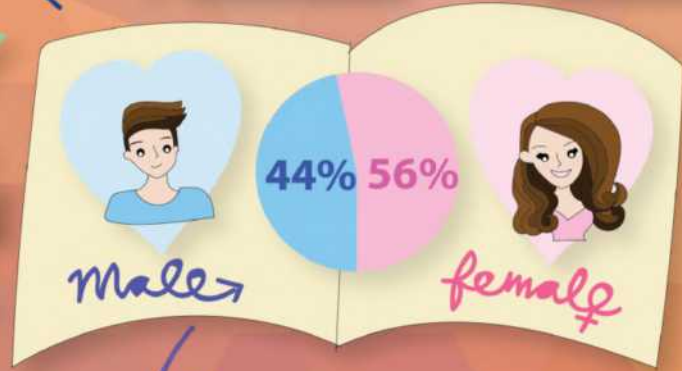
The Mercury Ville

First Floor

85 people



Overall Customer



CLEANERS

STUDENTS

OTHERS

OFFICE WORKERS

Occupation



40%



48.14%

60%

51.85%



100%!!



57.45%



42.55%

ADULT

TEEN

OLD

Ages



no kids



57.14%

42.86%



58.46%

41.54%



20%

Activities

WALKING

ON PHONE

SHOPPING



53.16%



46.84%

WALKING



100%!!!



ON PHONE

SHOPPING

THAI

ASIAN

FOREIGN

Nationality



58.33%



41.67%



75%



25%



57.35%

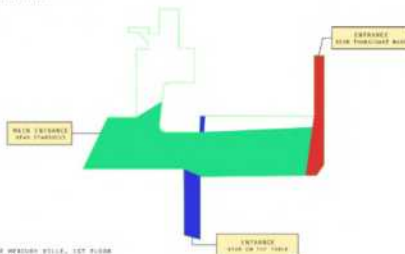


42.65%

80%



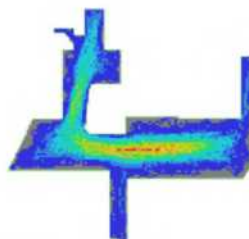
THE MERCURY VILLE, 1ST FLOOR
PLAN 001
FORNAPATH CHUMPHAKORN
ID 100477982



THE MERCURY VILLE, 1ST FLOOR
PLAN 001
FORNAPATH CHUMPHAKORN
ID 100477982



THE MERCURY VILLE, 1ST FLOOR
PLAN 001
FORNAPATH CHUMPHAKORN
ID 100477982



THE MERCURY VILLE, 1ST FLOOR
PLAN 001
FORNAPATH CHUMPHAKORN
ID 100477982

Left: To study not only the behavior of people passing through our selected area but also their appearance which leads to an assumption of their identities.

Right: The aspect of visibility and flow in connection analysis with a specific point such as the entrances, and The Mercury Ville, 1st floor light analysis.

SPACE SYNTAX

The Mercury Ville space analysis

The main purpose of the project is the analyzing result of human behavior from an observation that happens in a specific space, The Mercury Ville, 1st floor located on Chidlom road. Study the relation between space syntax and the behavior of the humans here. This project covers the conduct of people moving in various directions, the overall flow simulation, the light illuminance, and also the specific kind of people passing the Mercury Ville, first floor in a definite hour.

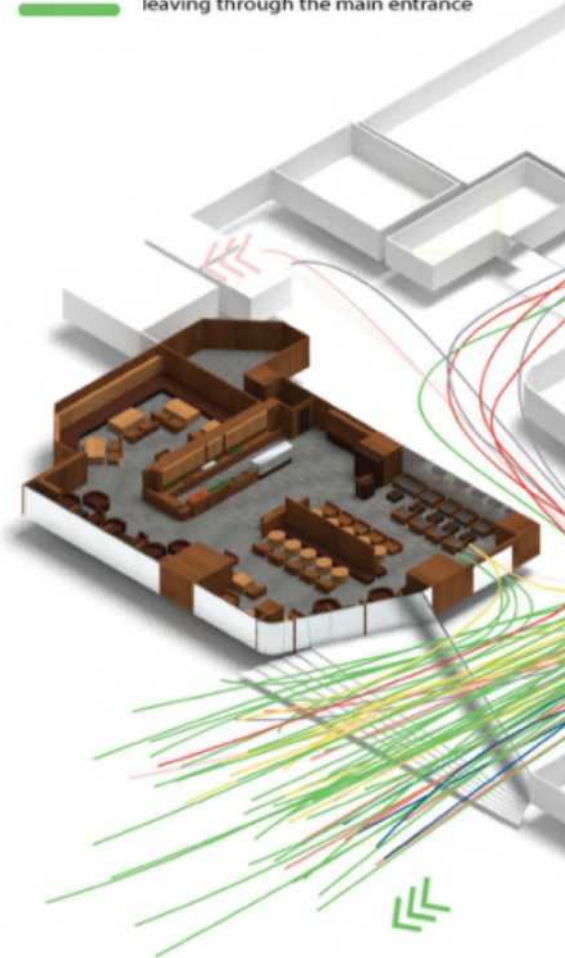
According to the purpose of the project which is the analysis of humans' behavior in the Mercury Ville, 1st floor can be sum up that most of the people who pass the first floor of the Mercury Ville are mostly pass by the reason that here is the only shortcut passageway to the BTS station. On the other hand, lunchtime and dinnertime is the peak hour of this place. This place gains much of officers for lunchtime and a great number of the Mater Dei students and also the officers for the dinner here. Due to there has a lot of restaurants and cafés which people can use not only to eat but also meet and talk here for their break time. Meanwhile, as I have mentioned above that most of the people use this place as a shortcut, then the other times have fewer customers and most of the customers are the kind of non-specific kind of occupant human, for instance, the housewife, the European and Chinese tourists.

From overall of the result found in all assignments can describe that the Mercury Ville gets mostly businessmen and officers because of its location is in the center where any company can easily access and gets some customers who have relation to Mater Dei students, due to the school is located opposite the Mercury Ville. Moreover, mostly part of humans who don't walk into the restaurants is the others that walk from Lawson 108 to the exit near the Starbucks located next to the BTS station.

Furthermore, I have learned that the shop and walkway in the Mercury Ville also use the different types and designs of artificial lights that affect the space where the lights belong. Lastly, in my personal aspect, I also learn that the design and the location can affect a lot to the type of customer who will walk into not only the first floor place, but also the shop.



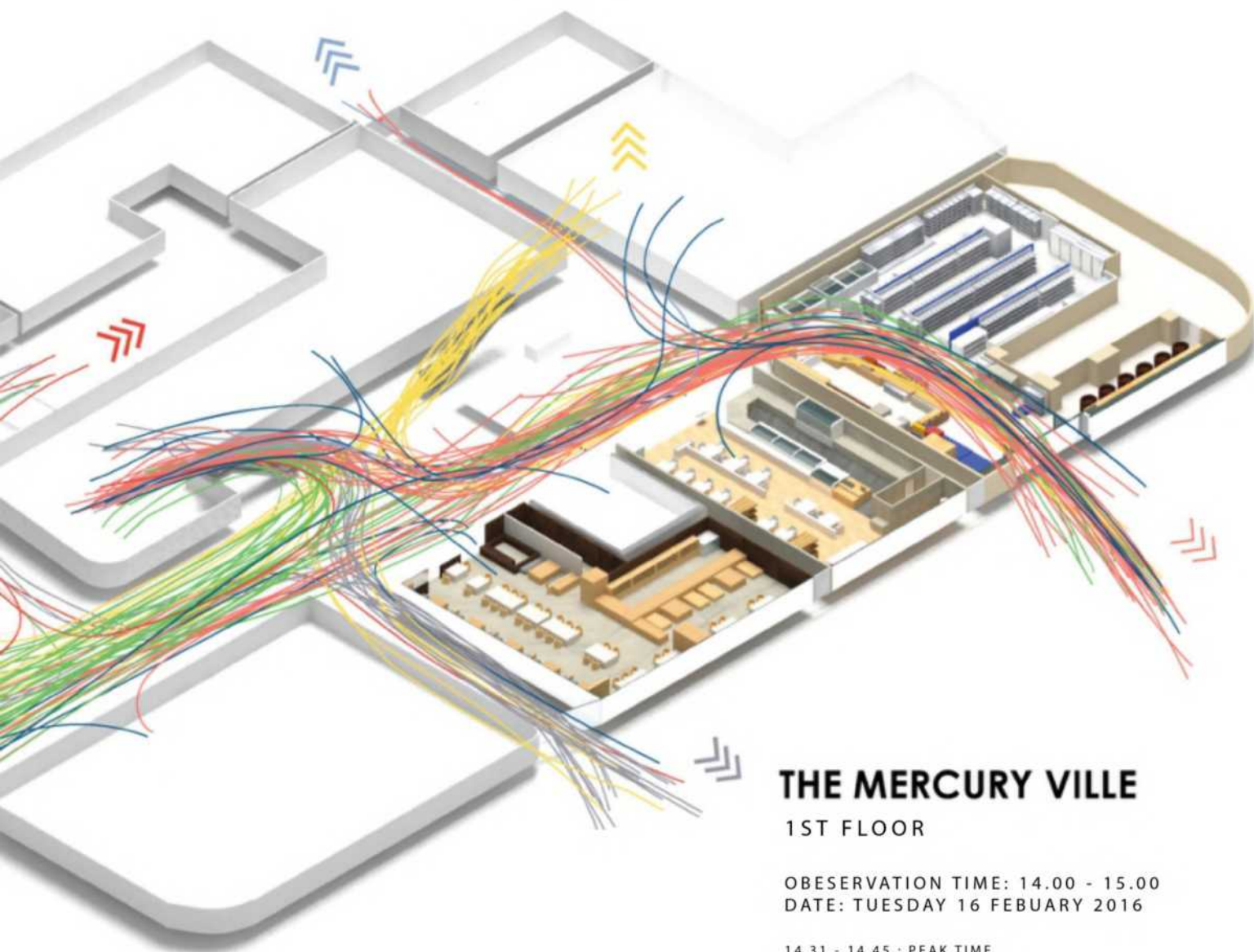
- going up the elevator
- leaving through the lawson exit
- leaving through the back exit
- going into the stores
- going up the escalator
- leaving through on the table exit
- going into the office area
- leaving through the main entrance



Most of the passers-by are using the building as a short cut to get through other roads abd BTS.

Mosly office workers, at this time.

THE
mercury Ville
@ Chidlom



THE MERCURY VILLE

1ST FLOOR

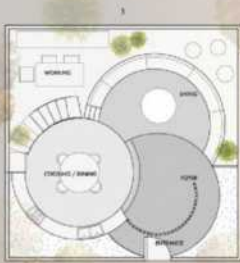
OBSERVATION TIME: 14.00 - 15.00
DATE: TUESDAY 16 FEBRUARY 2016

14.31 - 14.45 : PEAK TIME
14.46 - 15.00 : LESS PEOPLE

BAAN GLOM GLIEW

"Glom" means circular, and "Gliew" means a sharp spiral, an uncanny fit between the circular design of our plans and platforms, in combination to our spiral-like circulation and the edges of the house.

Together, the word "Glomgliew" means to be of one heart and one mind, which goes along with the intention of the design that is meant to portray a home that is not just a physical shelter but a place that brings people together and improves one's lifestyle both emotionally and physically.



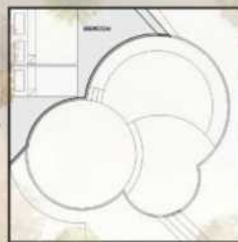
FIRST FLOOR; central space



SECOND FLOOR; bedroom



THIRD FLOOR; central space



FOURTH FLOOR; bedroom

PLAN

To minimize the degree of separation, walls were not used as they cater to isolation. To maintain some privacy between each "room" (bedroom, bathroom), platforms were used instead. Curves from circles were used as it is a shape that offers a soft and gentle atmosphere, and the curved-in pathway itself subtly pushes people together to the centralized space. It is in contrast to the box-like exterior, but at the same time it is a great combination. The overall circulation is enhanced by the circles, but is contained by the simple walls. The box-like exterior also makes it simple and easy for the unit to be set anywhere, or adjusted in any way. The contrast is not jarring as this house focuses more on the interior.

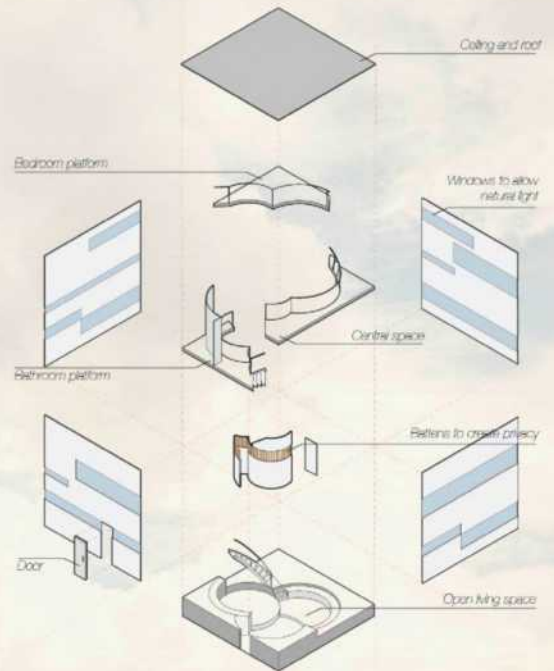


Fits perfectly into the typical rough, boulevard area with greenery to complete the view.



Can blend in any city between all the skyscrapers or other living complexes like apartments or townhouses.

POSSIBLE ENVIRONMENT DEMONSTRATION



EXPLODED AXONOMETRY





Set in any extreme environment without having to worry about structure and appropriateness.



Set in forests or any other secluded spaces where other structures may find difficult trying to fit in.

The axonometric shows that the house is composed of simple platforms in four corners of the house in different heights to help maintain circulation and flow, yet keeping everything contained by maintaining strong connection to the open space in the middle. The first floor also adopt the method of height difference to distinguish the different functions of the area as well as keeping the balance of the design. There is very minimal extravagances, keeping everything as clean as possible to promote what this place should solely be: a place to interact.

This section shows clearly how the space can be used and how any activities on each area will still be related to one another. It shows how open and how each platform contributes to controlling the area of the house.



SECTION IN PERSPECTIVE



Using platforms save space, but it also creates a more connected, interested flow between the spaces. The platforms are elevated to a certain height from one another that makes it the right distance for anyone to still interact and be within the same area as another member no matter where they are in the house. It contributes and sets out the shared space to maximize integration, yet still offer enough privacy if desired, as the platforms' height are organised in the order of privacy and convenience in terms of the average daily routine.

The house also contains a considerable amount of windows to allow natural light in and add to the homely atmosphere that is not completely closed off from the outside world.

ATMOSPHERIC PRESENTATION

BAAN GLOM GLIEW

Home is a place where ones become one.

In collaboration with Kan V,
Pimboon W, Kantima S.

"Home" is not just a house or a shelter, but is a place that offers comfort, happiness, warmth, and is somewhere that empowers family bonds and relationships. Our nomadic lifestyle has changed, and we are now increasingly devoted to the abundance of screens and social media than to relationships with members of the family. The issue is enhanced by the clean-division of rooms in the design of modern-day houses, which encourages isolation, instead of spending time with others. The redefinition of home would be a place that allows inhabitants to practice family values, traditions, and create memories.

In response, the usage of space and separation of rooms has been addressed. The room's functions and separation are kept to a bare minimum. The main feature of a traditional Thai house is the courtyard/patio: it takes up most of the area and gathers members together. Our design is reminiscent to that by applying the condition of having a centralized space, however, it also incorporates new design themes and architectural ways of thinking by considering circulation, aesthetic and function; integrating modern elements to old ideals to create something that is not outdated but fits into the present-day lifestyle.

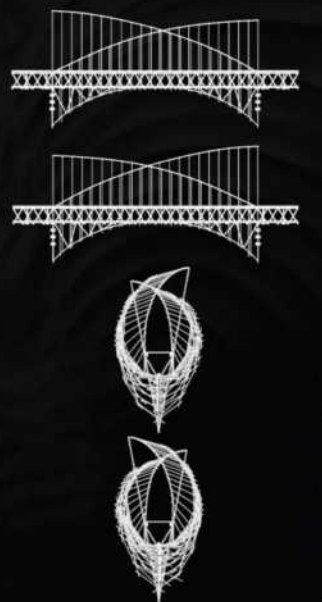
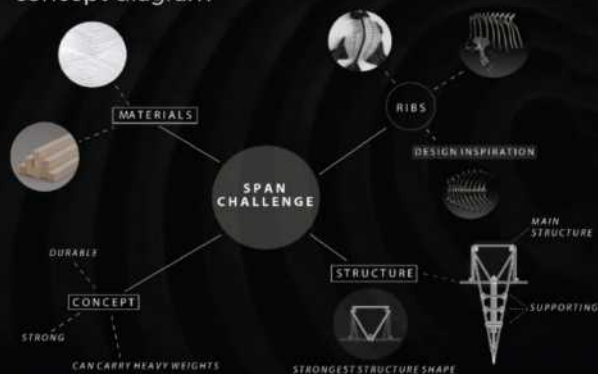
The general public cares about personal comfort, but architects consider everything from function to overall appearances. To bridge the gap, this solution is a simple one which solves a widely-relatable problem. As everything is reduced, there is no specific target market, thus enabling mass appeal. It is also emotionally appealing as it encourages family relationships, and has an easy-going design that doesn't overwhelm the general public.

This genesis of design intervention has a positive impact on the neighborhood as it brings the "home" back into "house". It gives an emotional connection to the house, which makes one's life brighter, more relaxed, and overall improves the quality of life, well-being, and society.

THE RIBS

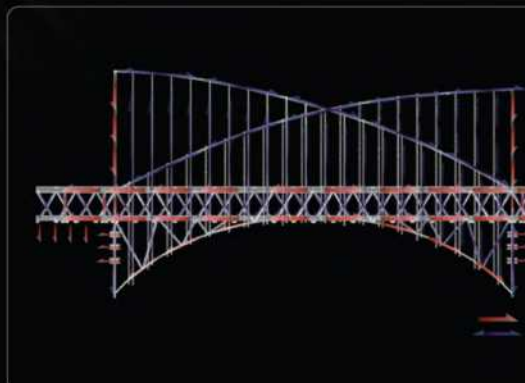
The Ribs' main structure is the triangular prism space frame that is made up of three 2-dimensional truss frame made from triangular shapes. The support for the structure spans underneath to help distribute weight. The kick-back takes advantage of the table that will be holding the bridge to help reduce expansion as it counters the weight. Rather than using a single long piece of wood, short pieces were tied together to induce flexibility to the structure, allowing movement to reduce the stress to avoid early snapping. The name Ribs came from the curved support structure that resembles that of an animals' and serve the same purpose of providing support and protection for the entire body. In this case the main structure.

concept diagram



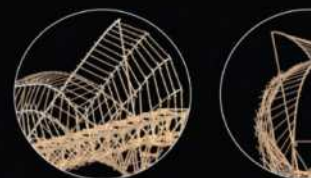
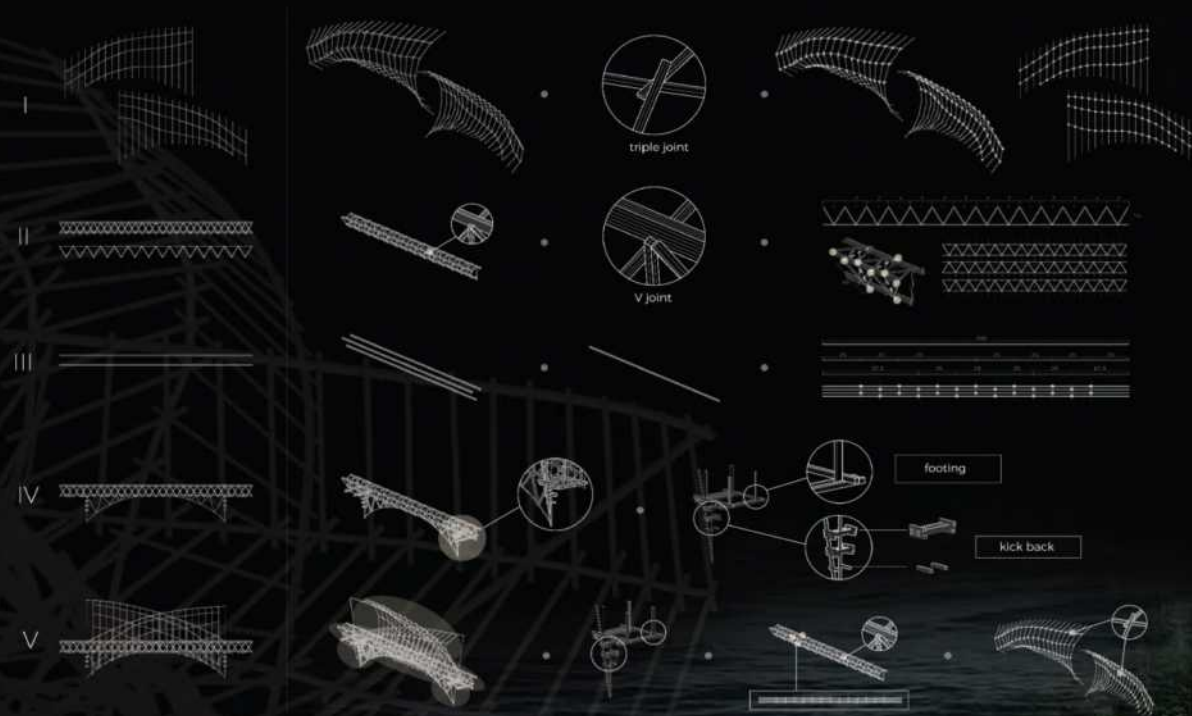
elevations

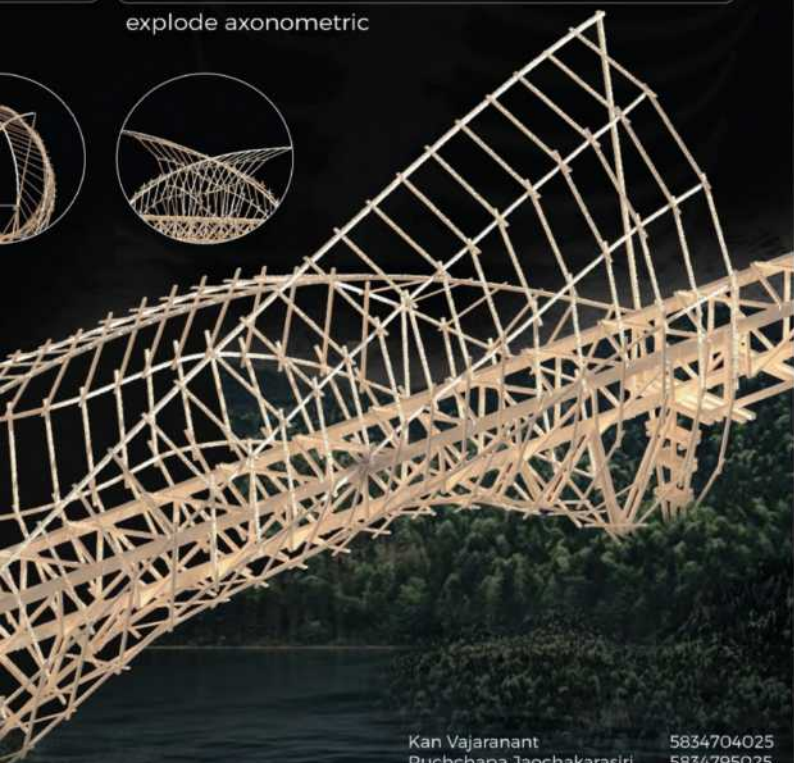
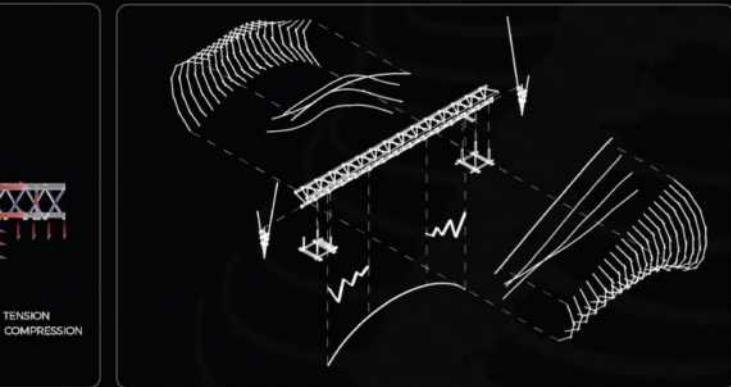
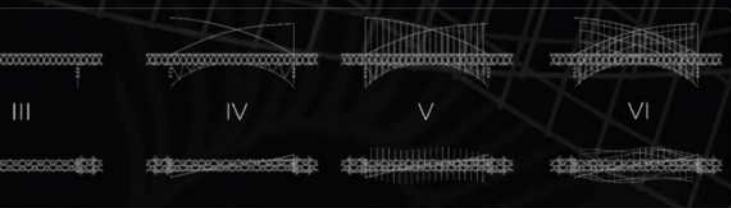
design methodology



force diagram

joint details





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THE RIBS

Balsa Bridge Construction

The Ribs is made from specific Balsa material in order to load the weight. The triangular prism space frame is its primary supporting structure, while the underneath span kicks back the bridge when it's overload.

Left: The Ribs concept and construction diagram including material and joint design.

Bottom: The prototype of Balsa Bridge construction is loaded by the water bottles to measure its strength.





THE EQUALITULIAN

Equalitarian + Tulou

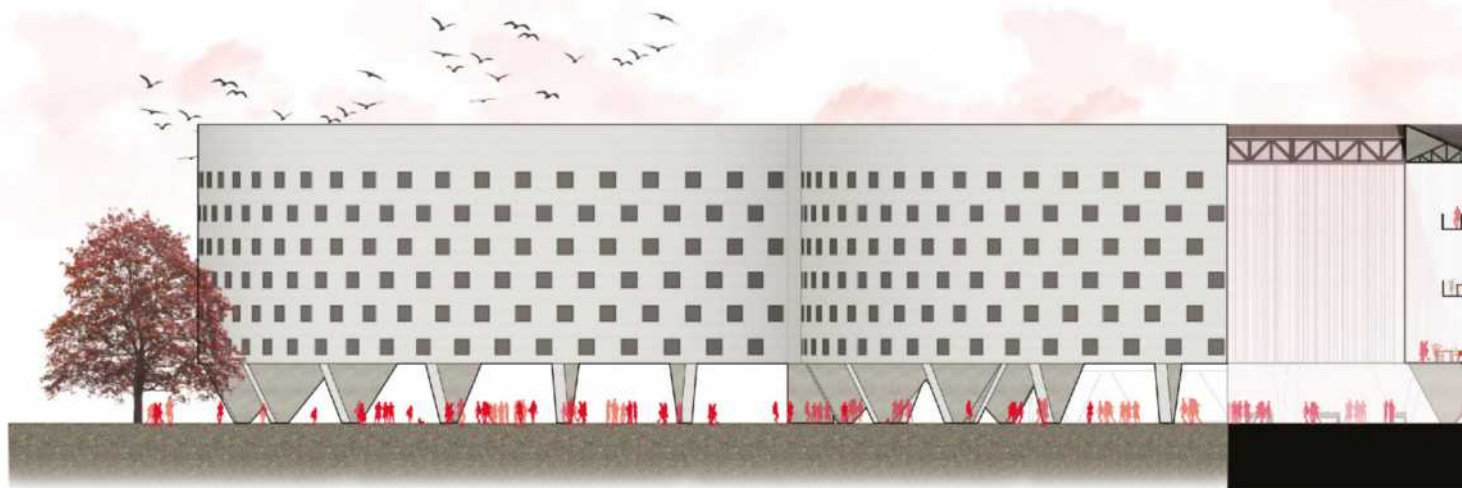


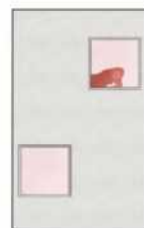
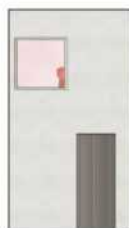
The diversity of a living fluctuation in an unfamiliar place becomes a part which is rarely to reject. While the separation isolates exchange students from hardly reaching their prosperity, the dormitory is purposed to collectively unite them bringing help and harmony for a better quality of life in the university.

The collages demonstrate the space usage inside the dormitory linked with humans association and communication of exchange students in terms of a short story for kids as an inspiration for education purpose. Hakka inspiration of creating a success starts from the foundation









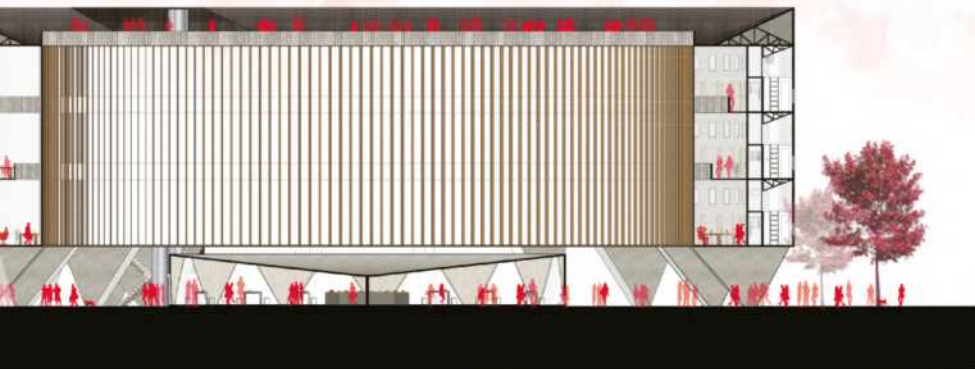
THE EQUALITULIAN

Equalitarian + Tulou

The Equalitulum dormitory integrated the considerable parts from Tulou combining a model of equality, collective space, facades design for spatial condition, material usage, window element, and better together. It located nearby Quanzhou Normal University in Quanzhou, China. The architecture shows the new way of living contrasting the traditional dorm.

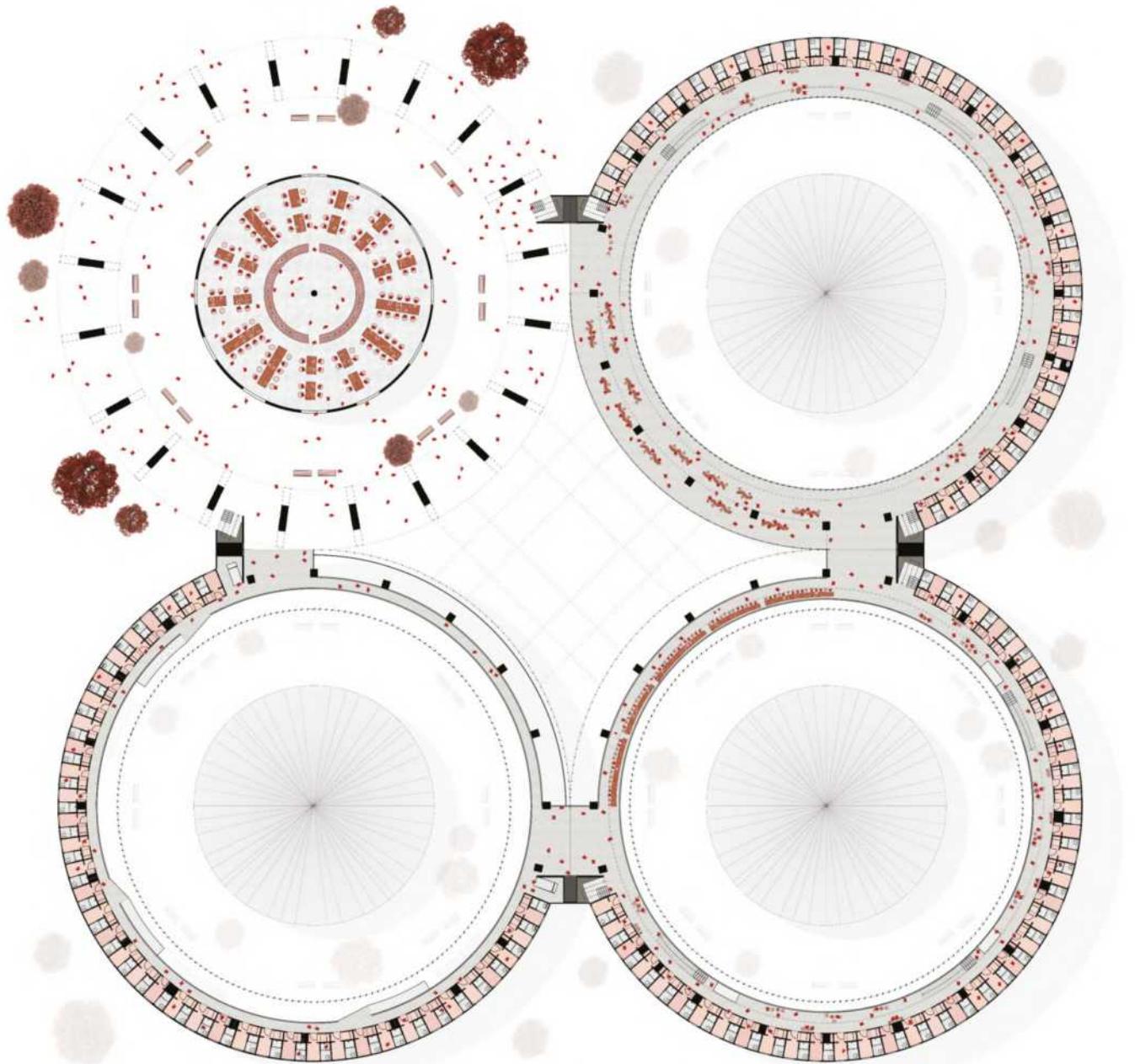
The evolution of aggregations is conceptually designed and maintained the simplicity and uniqueness of the Tulou in more beneficial function and material into the adjacency ring and the public atrium.

The ground level is completely open allowing visitors to flow in. The canteen in the middle of the circular court is designed to blend in with the exterior facade. Besides, it's built to create a more close and domestic feeling. The first, second, and third levels are used as the living area, hang out zone, and co-working space with movable furniture designed to fit in each area. Besides, there are only 2 majors stairways connected from the ground level to upper floors as a separated of the student living area from the public. While the living levels have more stairs among the corridor resulting in a free movement. The deck level which links all the circular student housing together turns out to be a running path separated students from the co-working area without having to turn back to their private room.



GROUND FLOOR

FIRST FLOOR



THIRD FLOOR

SECOND FLOOR





COSTCO BOREALIS

The greatest wholesale

The project is to pick up the significant elements from the company creating components to shift into a contemporary flagship. The chosen company is Costco, the top three world greatest retailer which its successful point begins from the supply chain management of merchandise capital control.

Costco's success is not only an attractive cheaper price for customers, but it's the strategy control for its outcome to gain more profit. The Finger Print strategy or forklift including less move of goods, direct order, waste less space, and less arrangement as well as the U-Turn ideal forces customers to walk more to meet their desired goods, to see more, and to buy more under the concept of selling high volumes of a small variety of goods with none of the label.

Apana also becomes a major part of Costco that utilizes data and sensor algorithms to real-time cut out extra water usage and sustainable clean water treatment which also sustainably uses for food and refrigerations.

However, to compare Costco with other world-class wholesales, it has some characters of cheesiness exterior design which builds like ancient and less online marketing as a big part that it loses can turn into a great cost.



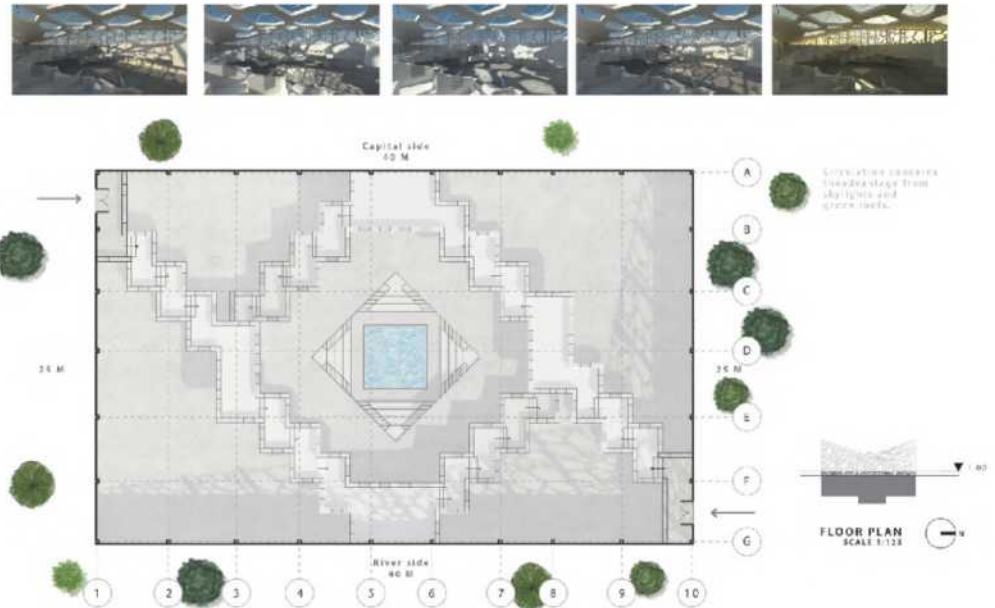
COSTCO BOREALIS INTERIOR PLAN

THE SHOWCASE

Instead of being big in the suburb, it spread to be smaller in the urban with the whole new level selling strategy. Then, it came up with the new type of Costco express which is the museum and the showcase. It does attract people to shop here with fresh experience trying their mobiles to scan for goods instead of using carts.

The flagship program shifts Costco to the next level of wholesale. It's not only a place in which customers come to buy the merchandise, but a museum in which visitors can enjoy wandering around, exploring wares, and needing them themselves. It mainly concerns the circulation that lets visitors walk and approach through the public space and wares exhibition. The stairs are thick enough to flow circulation down to the Borealis Fair in the middle from the entrance gates.

Costco Borealis museum contains various programs that visitors can integrate with natural light phenomena and context including Borealis Fair, Stuff Exhibition, and Public Space. It's also the reason why people decide to come here as it's not just the market place, but the calm and collective space.



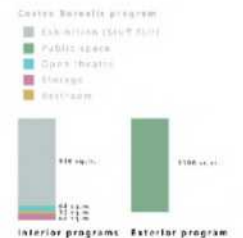
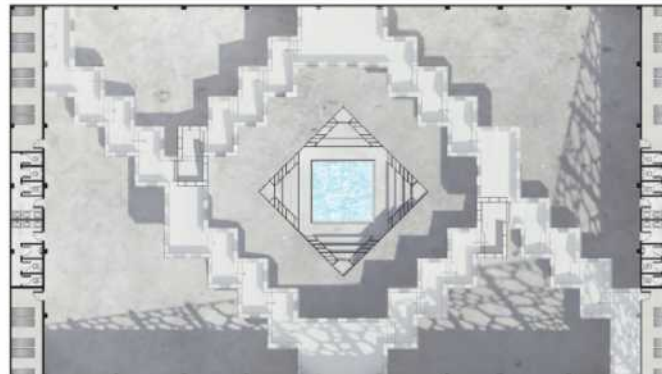
Borealis Fair
Open theatre also for performance and display the guests' reflection on water below the stage.



Stuff exhibition
Visitors' views are throughout the stuff exhibition beside the Borealis which allows client to using mobile to scan for further details.



Public space
The roof controls angle circulation from one side to another side. Besides, the top angle of each side provides different view for client while enjoying the unique greenery surrounding.



SCIENCE LIBRARY

A renovation project for Science Library,
Chulalongkorn University.

Science Library renovation aims to bring the library environment and facilities up to date with today's technology as well as improving the overall aesthetic, ergonomic and functions of the space while maintaining the energy consumption to a minimum for environmental considerations.

The objective is to refurbish the space into a friendly and efficient study and research space designed for health and comfort. In consideration of the changing society, increased technological support and digital materials will be provided in addition to the existing printed materials to widen the use of the library.

The plan is arranged so different functions are separated for easy access and clear orientation, with the open space for flexible use and relaxation placed along the windows to take advantage of natural light and create an open atmosphere. The updated computer stations and co-working space grouped in the middle filtered by lower shelves to increase privacy yet not cramping up space. The plan also increases the number of computers to accommodate rising needs for access to digital media resources while printed materials will be rearranged around the area for efficiency and easy access, with individual study space lining the walls and windows for silence and privacy. To create a welcoming environment comfortable even for long hours stay, the interior is designed to be more modern and friendly with splashes of colour to freshen up space. Bean bags and cushions provide for a more relaxed atmosphere and offer more choice of space for the users.

The expecting result is to provide students and staff of the Faculty of Science with a creative multi-use learning space that maximizes their use of the library. A user-friendly space with access to a broad range of resources and fit for the flexible manner of use, open for future change to keep the space long-lasting and up to date with our changing society.





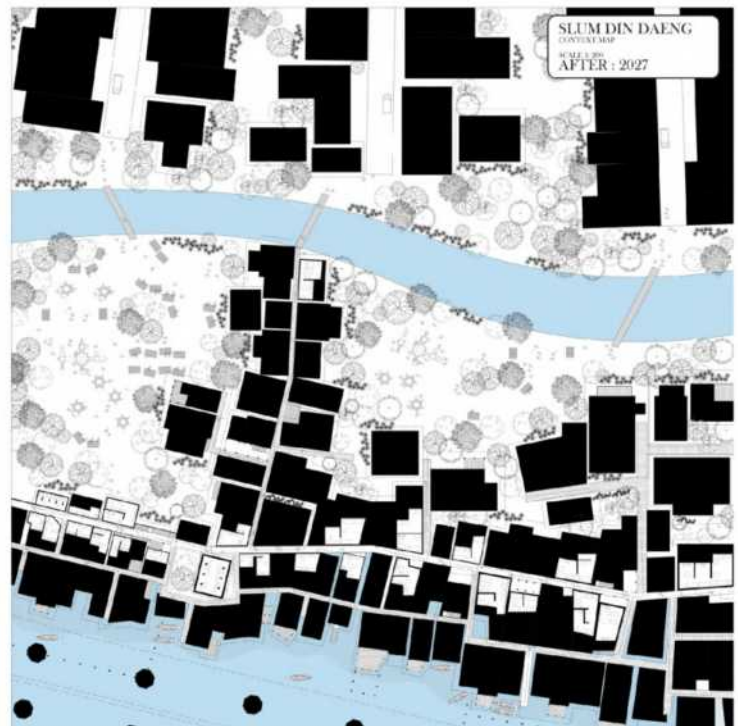
DIN DAENG NETWORK

Slum Din Daeng policy

The Policy aims to bring up new solutions for improving Din Daeng network. To survey, analyze, synthesize, design, and generate a better solution for a sustainable and healthy community.

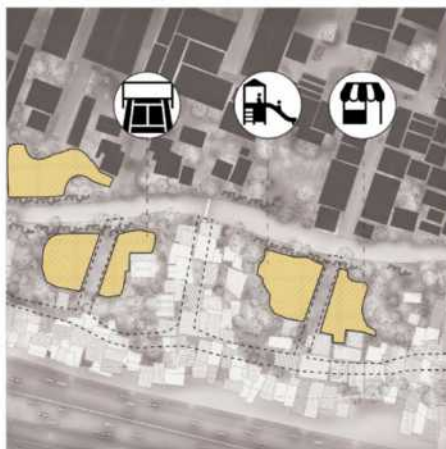
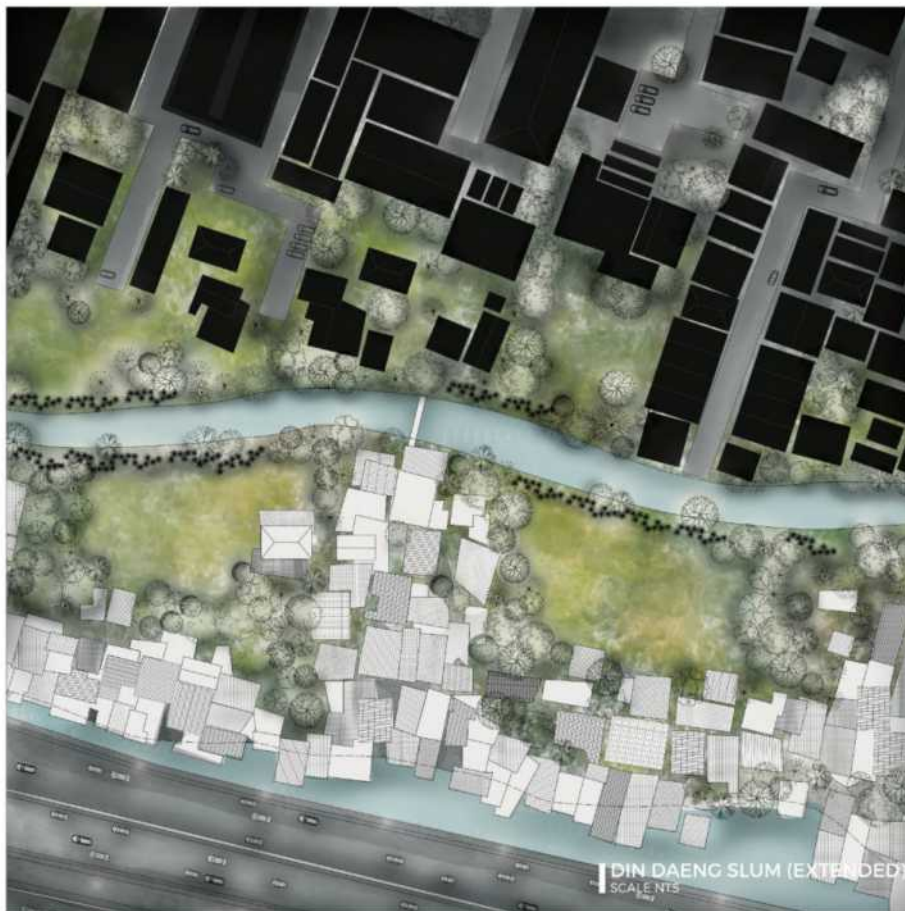
Slum Din Daeng located under the bridge next to the small canal, full of wastes, as people take an easy way to drop their trashes into the nearby watercourse. Most of the people tend to separated and distrust outsiders and government. Slum Din Daeng has none of the proper health care centre and insufficient recreation areas, while there have a lot of elder and children compared to its density. Moreover, there have great private areas of wasteland that has no plan to develop in this current time which leads to unsafety problem in the community and blocked land expansion.

From the analysis, the first possible policy is to create a win-win situation for loosening slum areas and efficient land use. First of all, the agreement between local leaders, government, and landowners could be the Pros and Cons understanding. Then, the agreement between landowners and slum could be win-win scenario that allows slums residents to occupy the wasteland for few years in order to utilize as passageway, collective area, and garbage route providing an opportunity for the community to use the wasteland with outgrowths combining clearing the land, cutting down the trees, and eradicating the weed. At the same time, the policy also provides the new circulation route such as the garbage, transportation route, and the new bicycle route separates from the pedestrian in order to loosen the community between the concrete alley.





DINDAENG SLUM
SCALE NTS



Further, the new recreation spaces such as a playground, local market, and sports area allow a better chance for the community. The personal lands of slums establish the new circulation of the trash transportation route and the new bicycle route in order to loosen the slums' dense area.

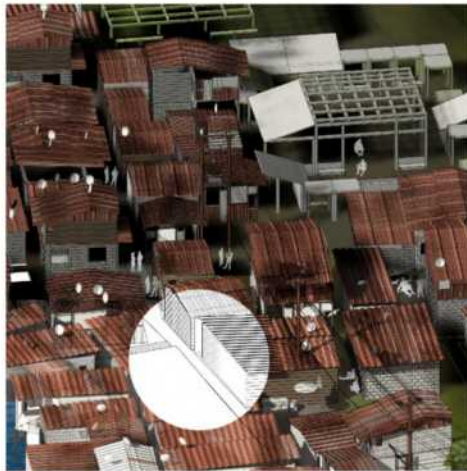
The second policy generates the rules about slums' cleanliness transforming the slum into its better condition and less dense community. On-water policy, the slums must not drop garbage into the water. If the residents violate, it will lead to extra renting costs using as waste disposal price as the deal between renter and lessor. On the other hand, if the resident dumps the garbage at the provided land, it will have a garbage car to daily transport the trash out. There is also a volunteer campaign of clearing out the trashes along the riverside once per month with a better environment encouragement campaign.

After the policies work efficiency with slum plan design solution, it rather creates a praiseworthy outcome for both landowners and the slum community getting the advantages from these new solutions. The landowner doesn't have to be afraid of stolen land use, while the community has cleanliness and a healthy slum area, sufficient usage space for health care and recreation area, and be safer for everyone.

Top: The possible range of time that the policy takes for improving the community.

Middle: Focused Slum Din Daeng area under the bridge nearby the canal.

Bottom: Diagram illustrates the activities and provided policy.



The collages demonstrate the transformation in Slum Din Daeng between its original atmospheres and after taking policies atmospheres possibilities.

Top: The good society suits for elders and children.

Middle: The proper area for local activities, collective spaces, and passageways.

Bottom: The slum maintains the canal cleanliness.