

PORTFOLIO

TEERIN RUNGSIYAROM | BEEM

PLACE OF PHENOMENON

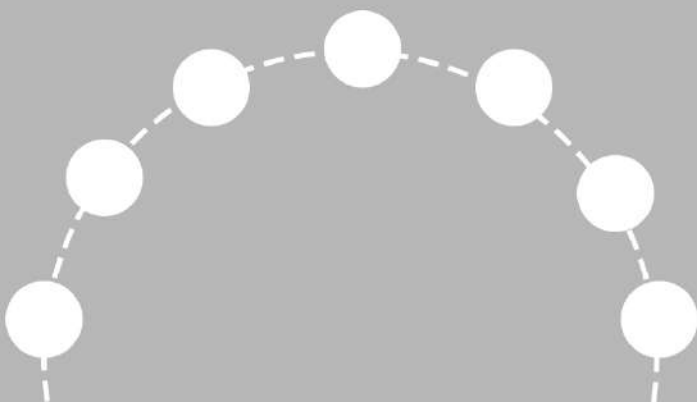
STUDIO 2 / 1st SEMESTER

This project WON DESO award

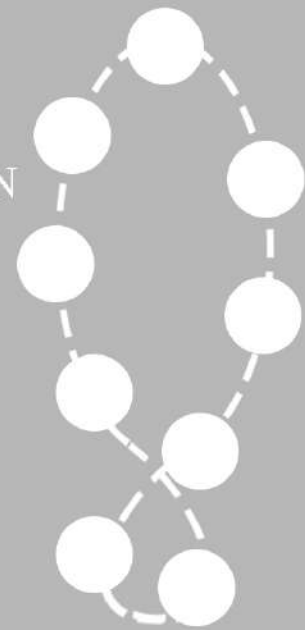
DESO (Design Studio Oscar Awards)
Faculty of architecture Chiang mai university

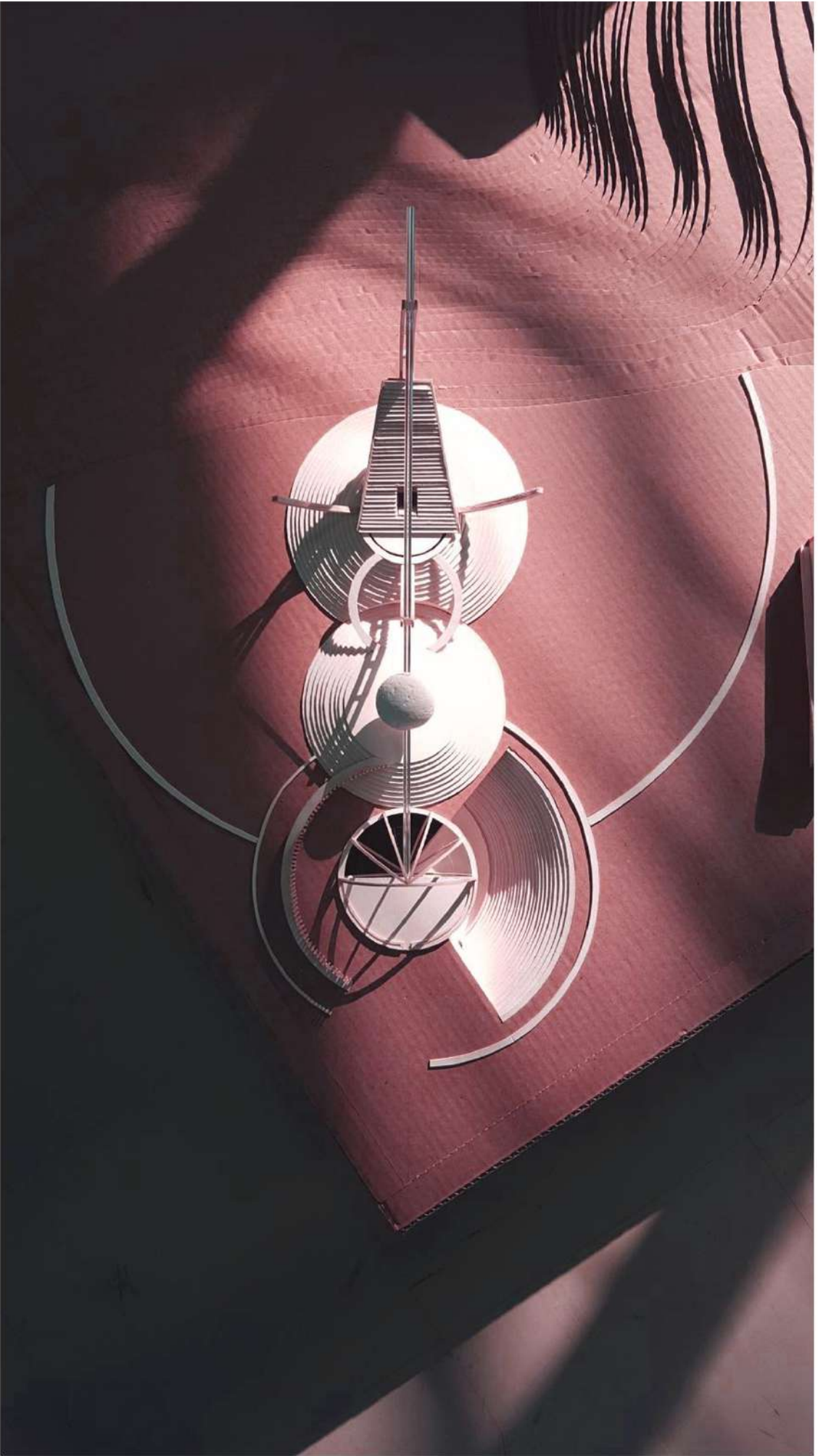


MOON



SUN





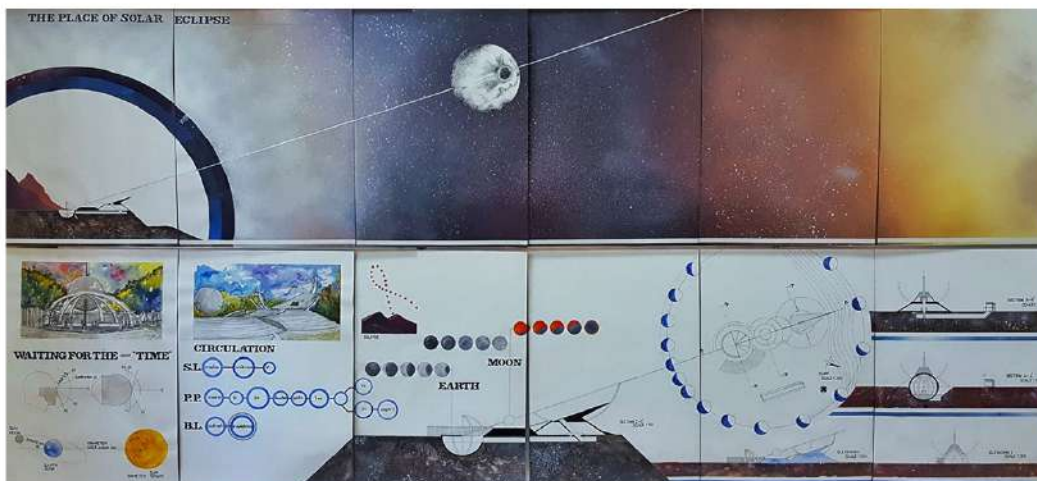


FINAL MODEL

CONCEPT

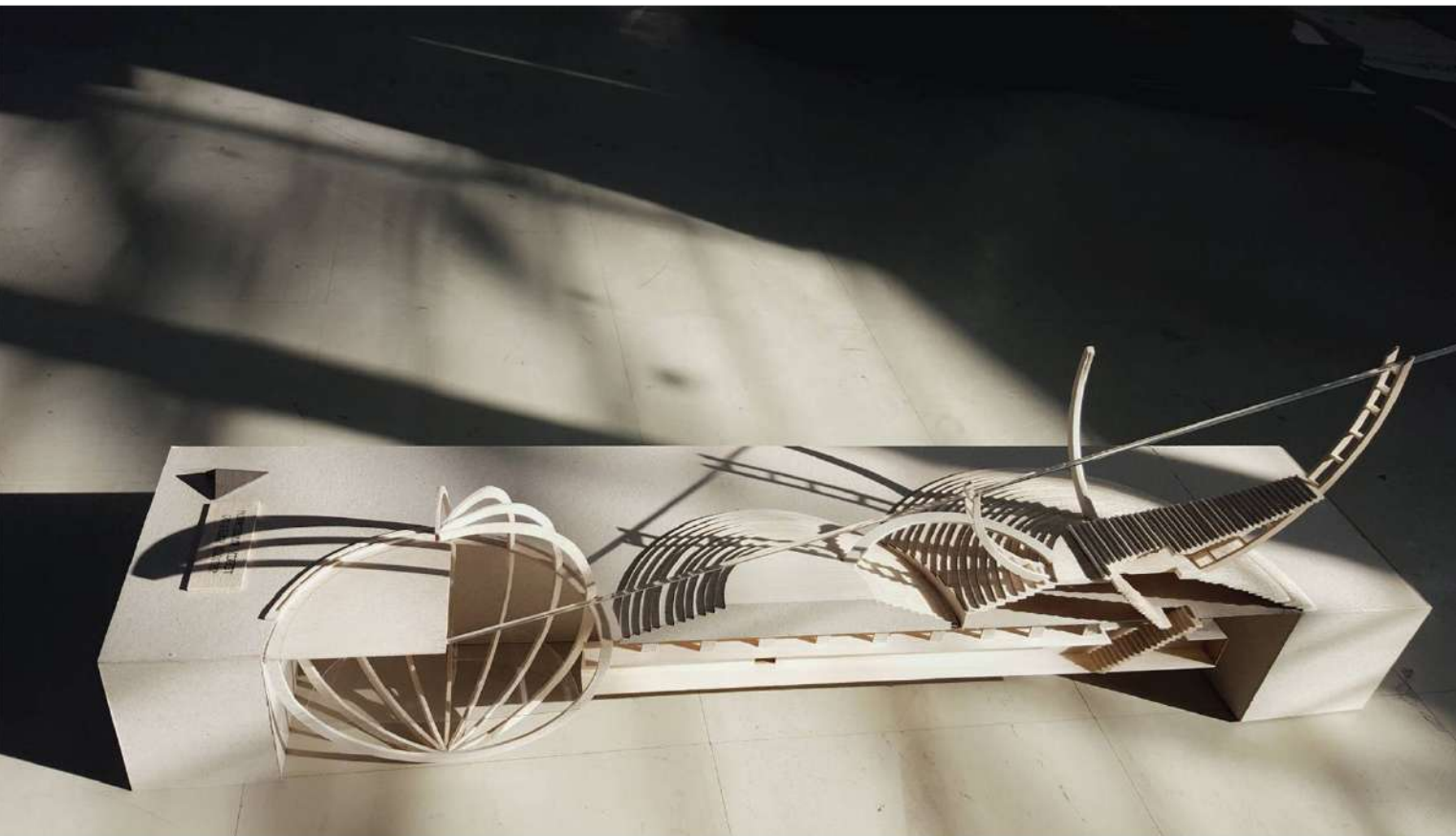
PHENOMENAL OF TIME

This project is about how to catch the time. the time in term of this project is the universe time which mean Its about time outside of the world so we can not see it as a concreat things. The process of this project I imagined the time by used Gravity theory and science theory. after the research process. I interested in Solar eclipse and moon eclipses I would like to catch the time when it happen so I design this project as a sculpture architecture. I work like a Sundial clock but the scale of this building its a huge scale so people could see it as a concreat things through the architecture and the architecture will fully function when the fully eclipse happen.





FINAL MODEL



SECTION MODEL



LUA THEATER AND CENTRAL PARK



BACKGROUND PROJECT

The Lua's traditional beliefs are characterised by animism and shamanism. Some Lua, influenced by their Lao and Thai neighbours, have adopted Theravada Buddhism, while a few have converted to Christianity, but without renouncing their original ethnic beliefs. The Lua believe that the natural surroundings are full of good and evil spirits. They worship their respective villages' local spirits. The most highly respected genie called bhuka is celebrated for three days during Lao New Year (Songkran). In order to win the spirits' blessings for a good harvest, a newlywed couple, help in cases of natural disasters or diseases etc., the Lua try to appease them with offerings of pigs, poultry, rice or liquor. Traditional Lua villages display a "spirit gate" to protect them from all evils coming from the outside world. To mediate between the living and the spirit world, each village chooses a male shaman, called khawcam.

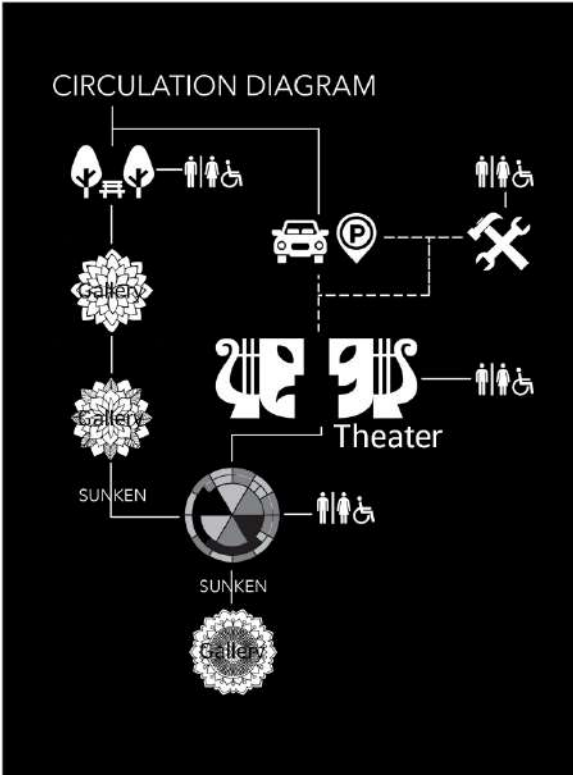
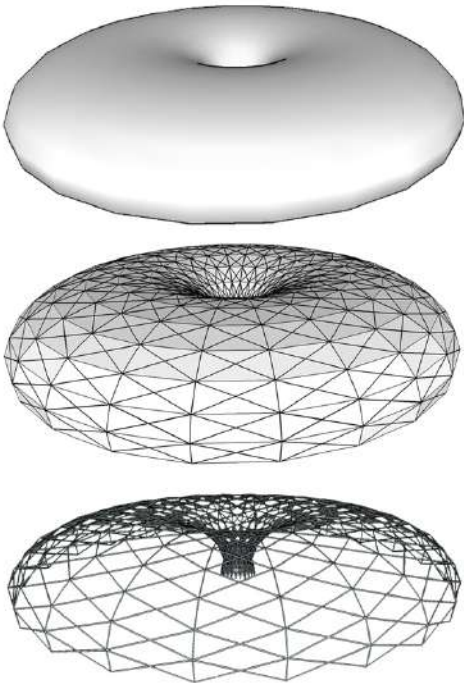
There is some academic debate whether the Lua have already settled in their present home area since the 1st millennium AD (like the Khmu) or migrated there from northern Vietnam in a later period. More certainly, the Lua of Thailand have only arrived there in the late-19th or early-20th century. Some scholars however, believe that the Lua were the original inhabitants of Thailand's Nan Province, before moving to Laos and later re-migrating to their original homeland.

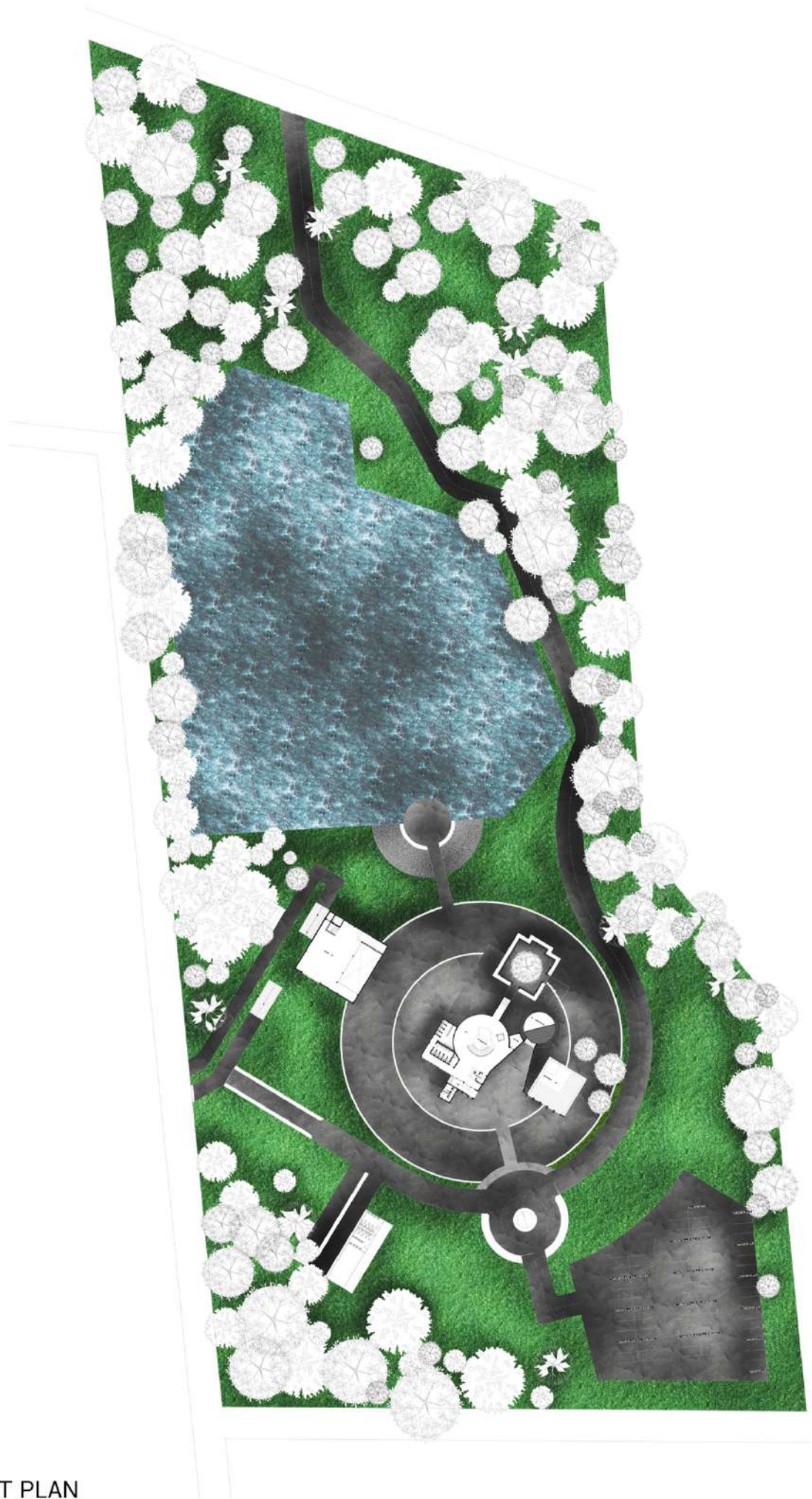
Following the communist victory in the Laotian Civil War (that was in the same period as the Vietnam War), many Lua families escaped Laos to seek refuge in the Luang Prabang Range area of Nan Province across the border in Thailand. There was a large concentration of Lua refugees at Ban Vinai Refugee Camp in Thailand. In the early 1970s and 1980s, Lua families relocated to the United States. Today, there is a large Lua community in the state of California, expanding from Santa Rosa, Fresno, Modesto, Stockton, Sacramento, and other parts of the state of California, and also including the states of Minnesota, Tennessee, Washington, Iowa, and Illinois. Families who remained in the camps in Thailand resettled in Sainyabuli and neighboring provinces in the mid-1980s and early 1990s, where the Lua people had been originally displaced due to the wars in Southeast Asia.

LUA THEATER AND CENTRAL PARK



SPECIAL SPACE

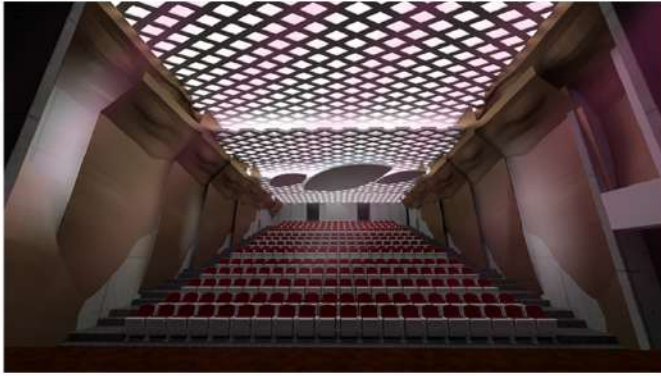




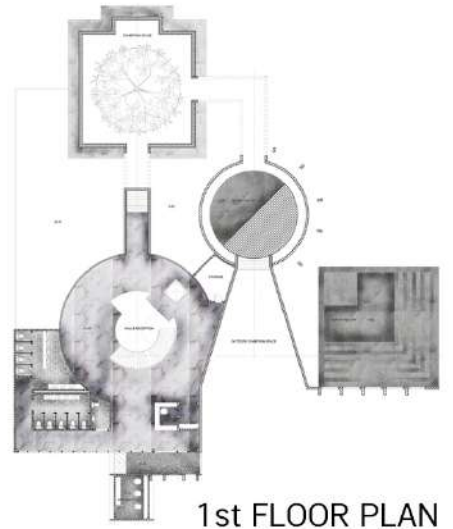
LAYOUT PLAN

THEATER INTERIOR

GALLERY SPACE

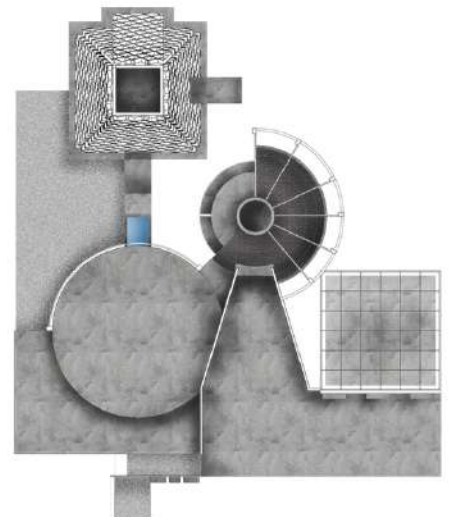
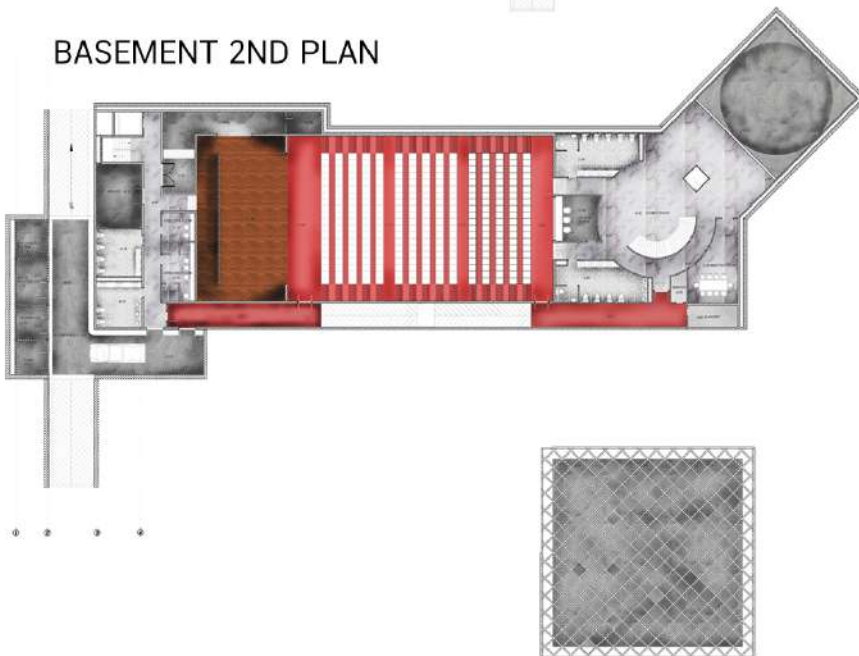


BASEMENT 1FL PLAN

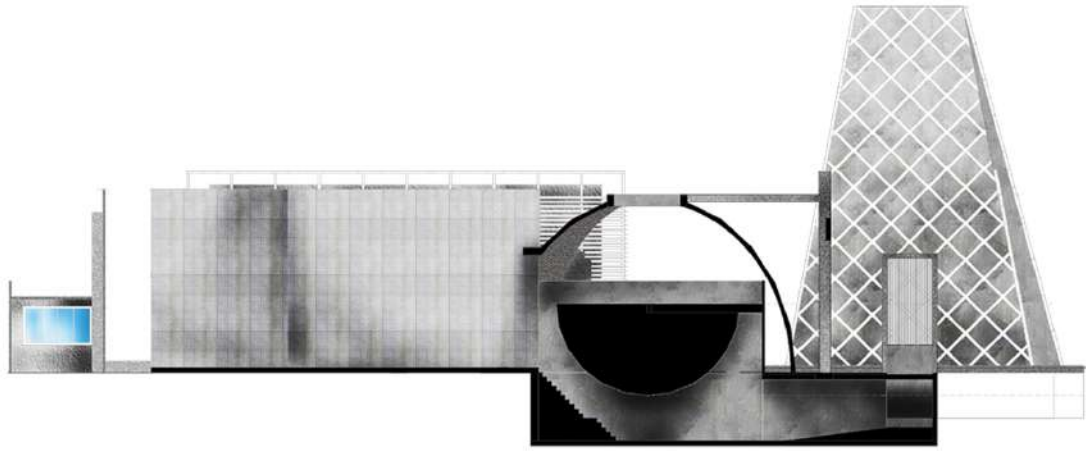


1st FLOOR PLAN

BASEMENT 2ND PLAN



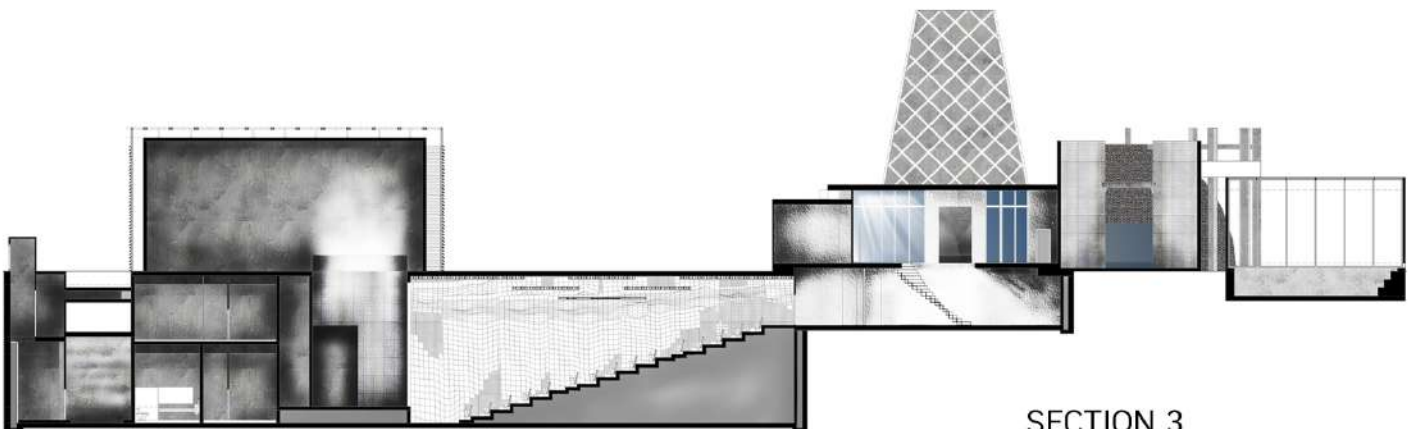
ROOFPLAN



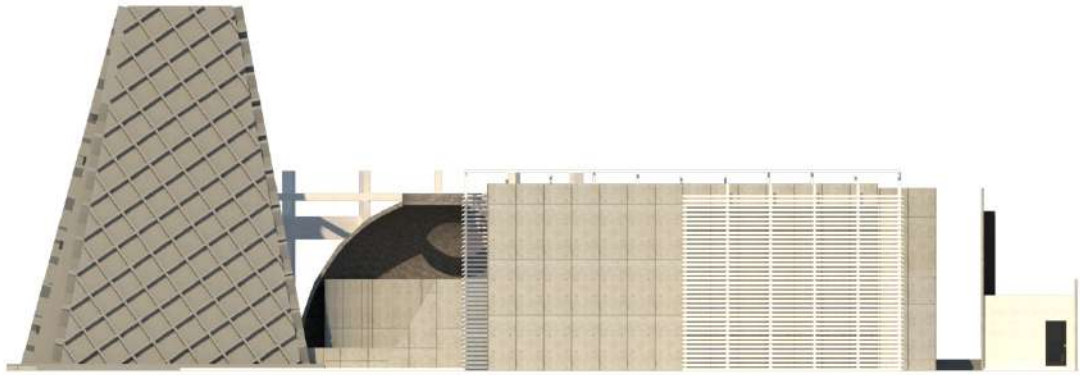
SECTION 1



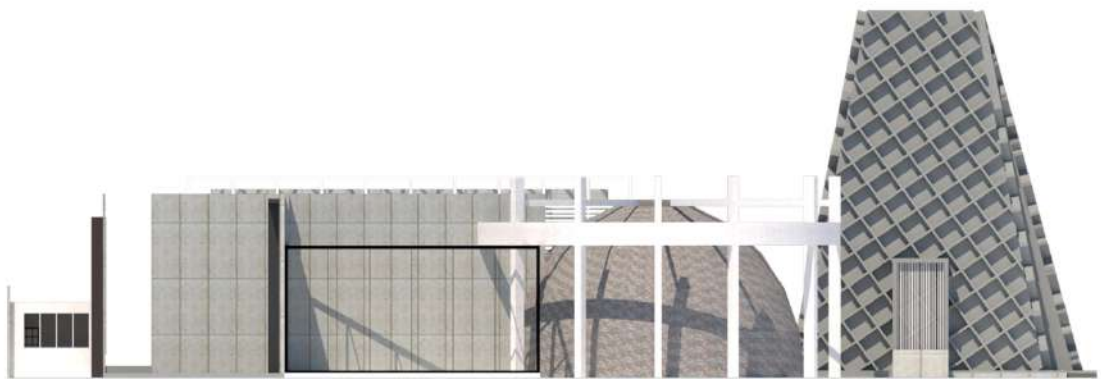
SECTION 2



SECTION 3



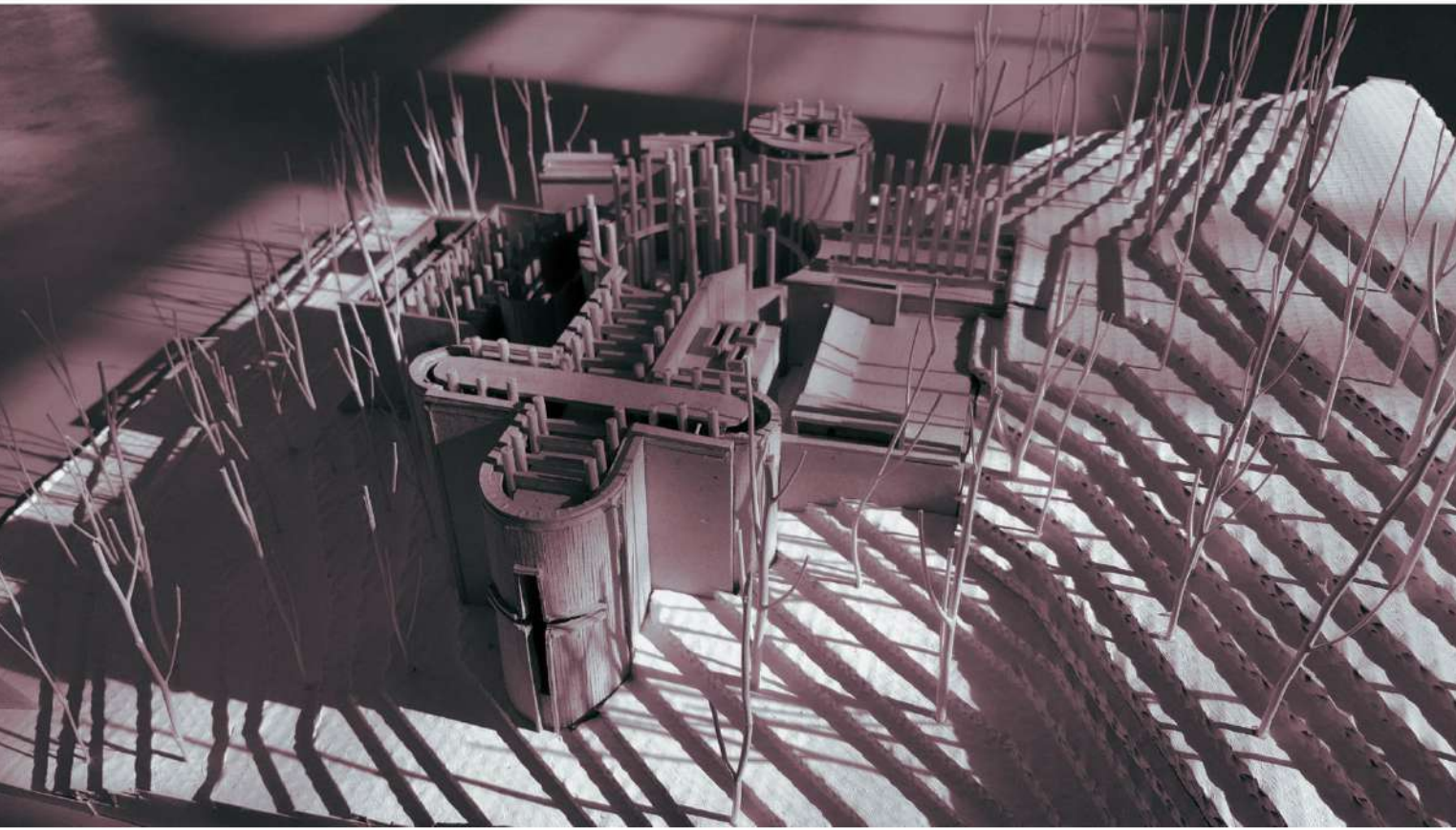
ELEVATION 1



ELEVATION 2



ELEVATION 3

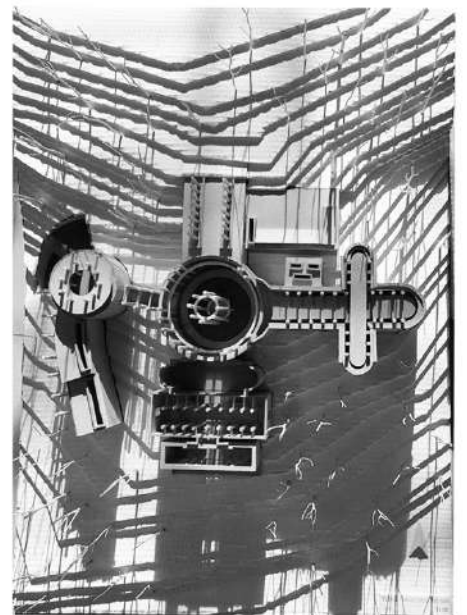


ONE PLACE ONE RELIGION

SITE LOCATION

I chose the project site, Location on top of mountain outside Chiang mai city where have no religion building around and not a mountain that be a symbolic of some religion.

Why mountain?, Its about a hierarchy, In every religion almost of the story was started in forrest or mountain and they're believe a connection between a high and sky where god be. so I decided to choose the location on the mountain.

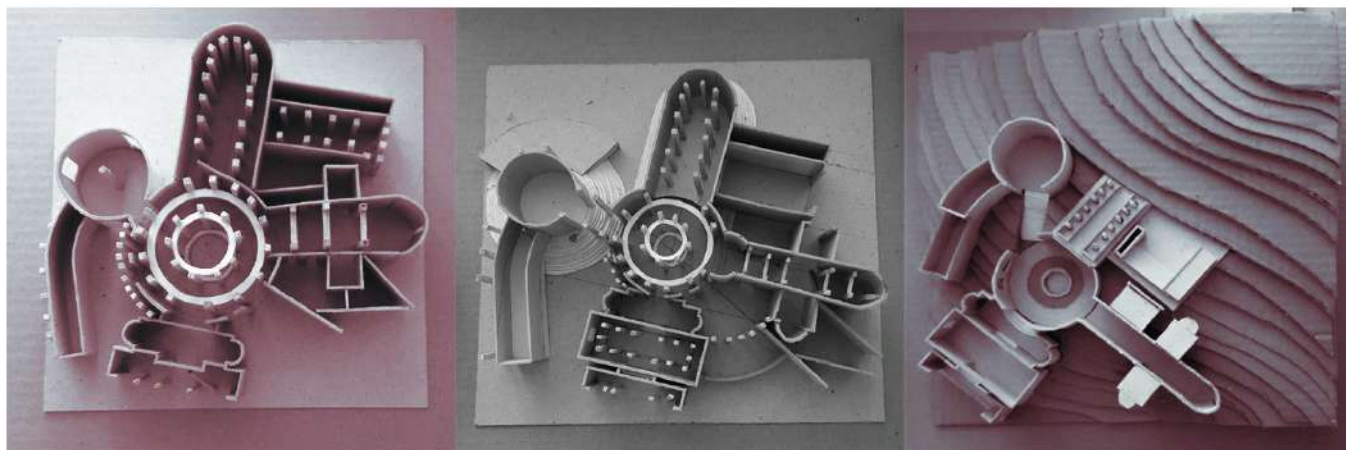


This project won a DESO award

DESO (Design Studio Oscar Awards)
Faculty of architecture Chiang mai university

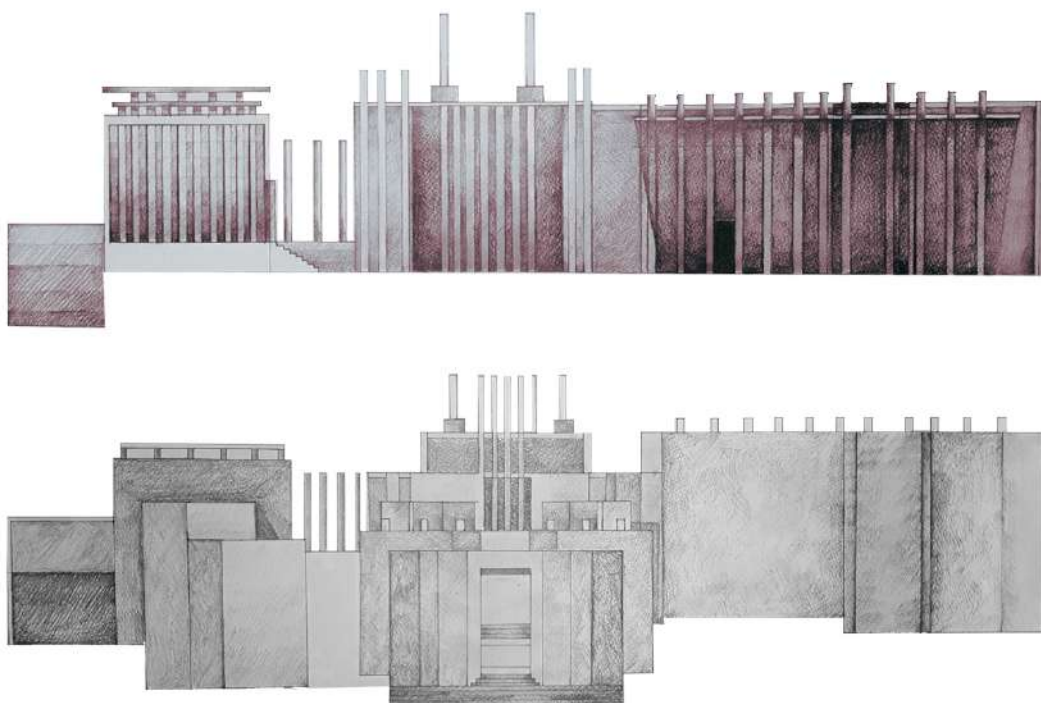


The one place one religion, is the name of this project. First of all I would like to say this project is a concept project that will make peace to this world. From the dispute between religions. I started to do a research about psychology, history etc. To apply it to my project its kind of complicated about human so I assume some case of religionism that have most population believe in the world which is a Christianity, Islam and Buddhism. I believe that architecture could not solve this problem but its just light the peace flame to new perspective of religion so I design to combine all of the place in one place but just different circulation and different function which relate to what they believe.



MODEL DEVELOPE

The process in this project I do it through model so I can see and understand space of yhe building and all of the circulation



This project is one of nominee in DESO award

DESO (DEsign Studio Oscar Awards)
Faculty of architecture Chiang mai university

SUSTAINABLE DESIGN

SCIENCE LEARNING CENTER



PROGRAM

CEMICAL BUILDING (MAIN) (1406.3 Sq.m.)

-LEARNING ZONE	356.8 Sq.m.
-LABORATORY	163.5 Sq.m.
-CAFE	36 Sq.m.
-CANTEEN	248 Sq.m.
-WORKSHOP ROOM	80 Sq.m.
-CIRCULATION	250 Sq.m.
-SERVICE	272 Sq.m.

BIOLOGY BUILDING (948 Sq.m.)

-LEARNING ZONE	567.6 Sq.m.
-LABORATORY	246 Sq.m.
-CAFE	36 Sq.m.
-BOTANICAL GARDEN	416 Sq.m.
-CIRCULATION	150 Sq.m.
-SERVICE	100 Sq.m.

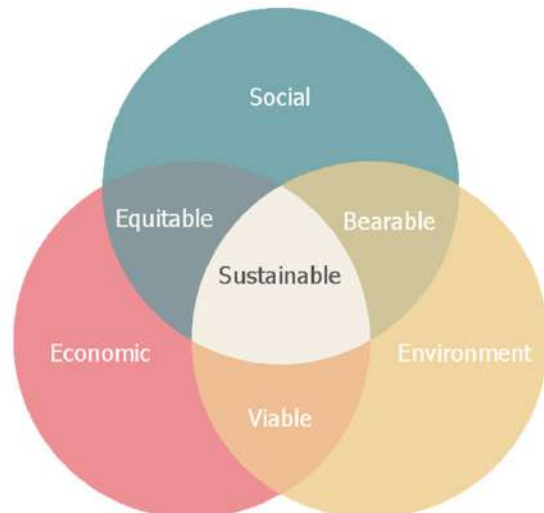
GEOLOGICAL (428.2 Sq.m.)

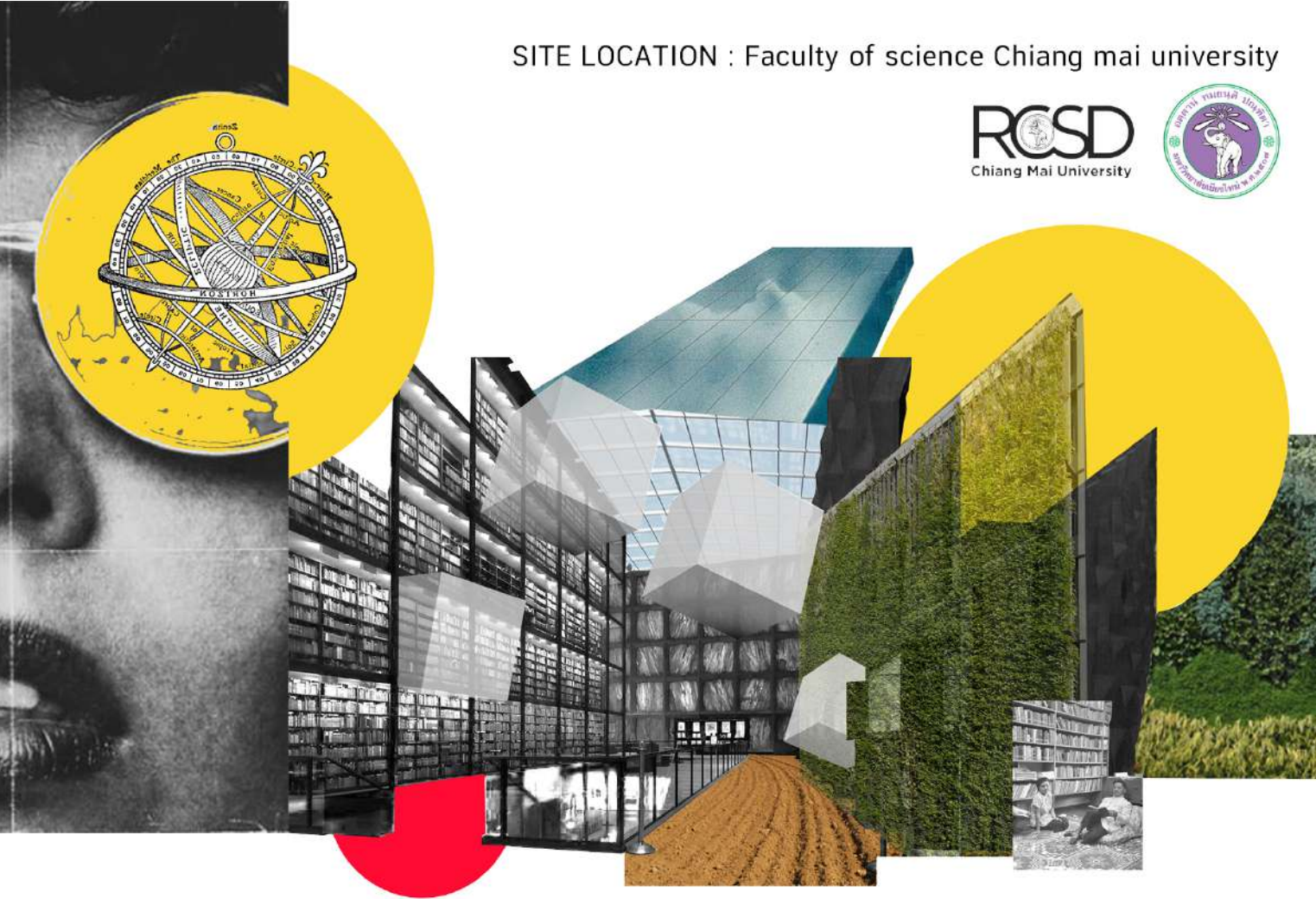
-SAND GARDEN	100 Sq.m.
-LABORATORY	134 Sq.m.
-CIRCULATION	150 Sq.m.
-SERVICE	42.2 Sq.m.

Nowadays, Human activity is the main cause of climate change. People burn fossil fuels, convert land from forests to agriculture also new architecture building need to remove in site tree for space to build the building. Since the beginning of the Industrial Revolution, people have burned more and more fossil fuels and changed vast areas of land from forests to farmland, industrial and new building so this project will concern about climate change and context of the site also all kind of material that safe and decrease carbon footprint.

The main concept of this project is sustainable design which is the philosophy of designing physical objects, the built environment, and services to comply with the principles of ecological sustainability.

The project specified about natural environment, economic vitality and society which mean this project will concern 3 things in 3 dimensions such as site location, material, facade design green technology etc.





SITE :

In area around faculty of science, they have not much space of land to build a new building so this project its separate in 3 buildings which each building can connect to old building near by the new building also function in each building are relate to old building.

By-the site it's in the center of Chiang mai university and sorround by all common school building so it's easy way for every student to come to the building.



UNDERGROUND BUILDING

COMMON ZONE BUILDING

MAIN BUILDING

SCIENCE LEARNING CENTER

SUSTAINABLE DESIGN



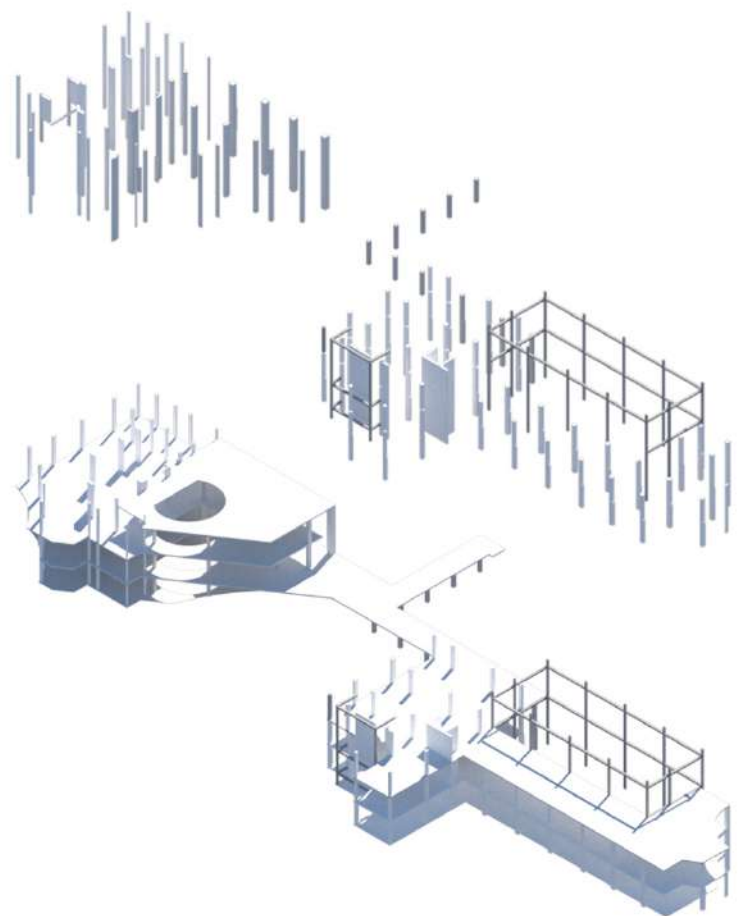
BUILDING TECHNOLOGY



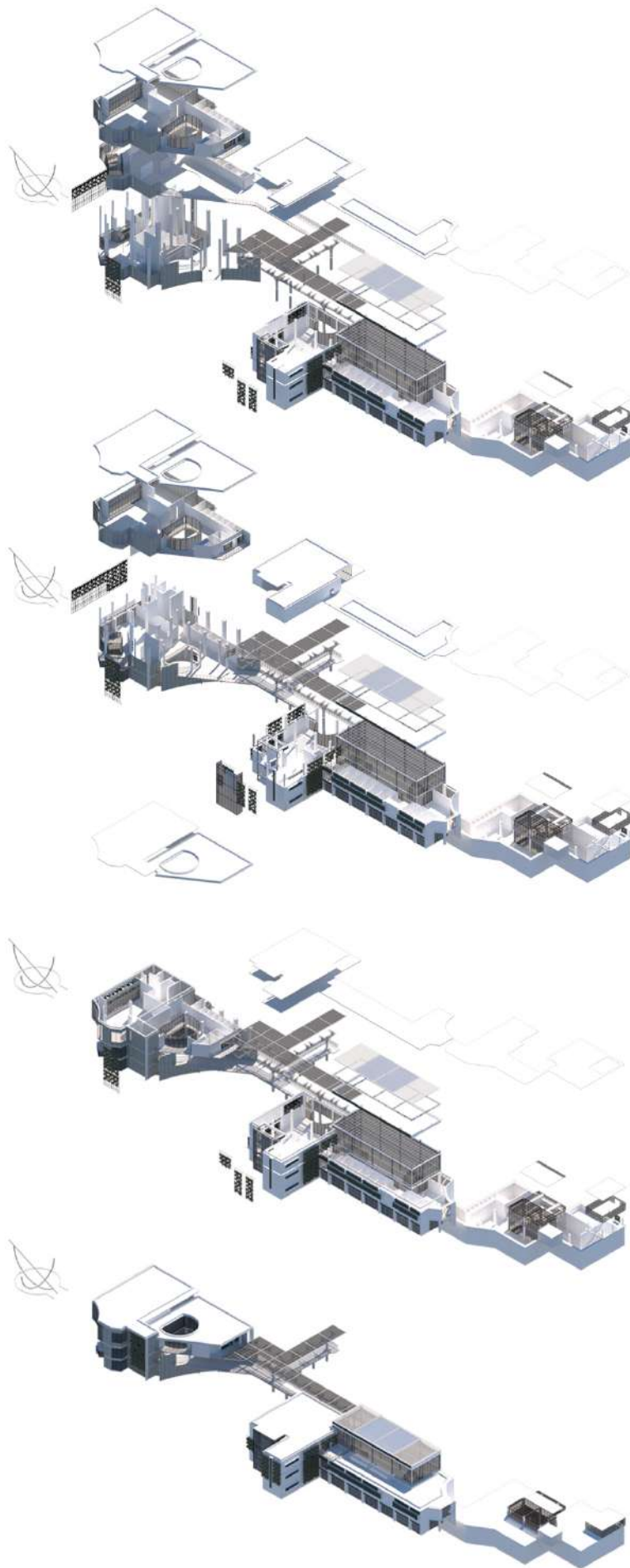
REUSE **70%**
OF WASTE WATER



BUILDING STRUCTURE



To design, construct, operate and maintain buildings energy, water and new materials are utilized as well as amounts of waste causing negative effects to health and environment is generated. In order to limit these effects and design environmentally sound and resource efficient buildings

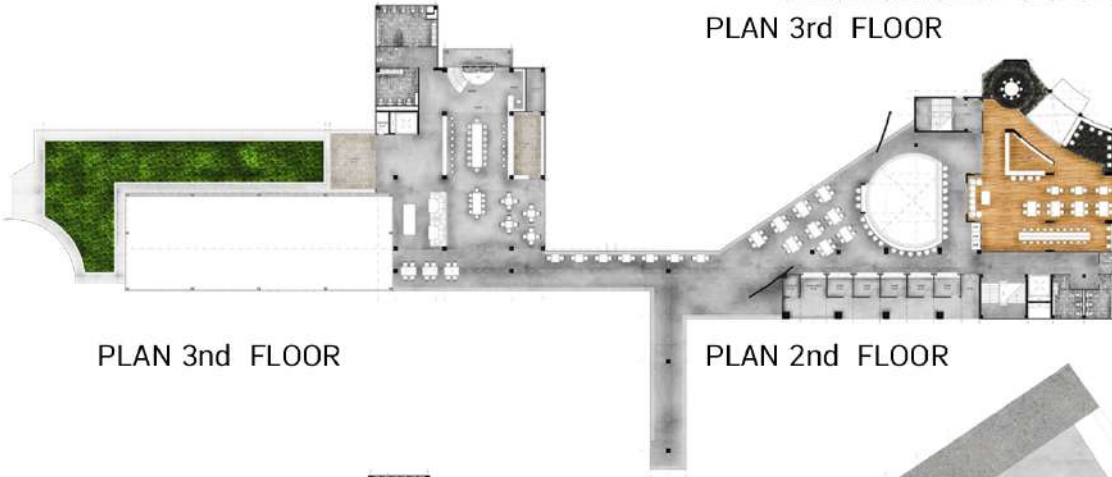


ISO DETAIL DESIGN

MASTER PLAN

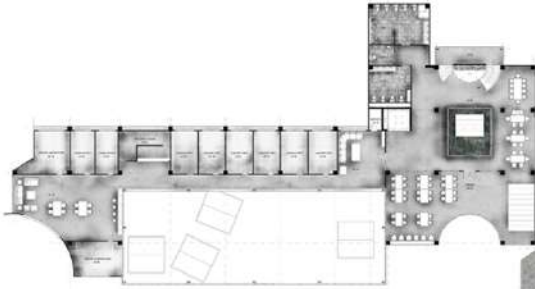


PLAN 3rd FLOOR



PLAN 3rd FLOOR

PLAN 2nd FLOOR

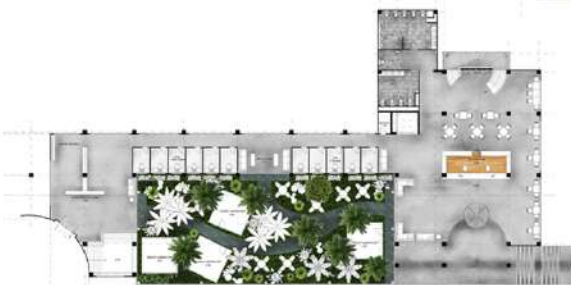


PLAN 2nd FLOOR



PLAN 1st FLOOR MAIN BUILDING

SECTION



PLAN 1st FLOOR

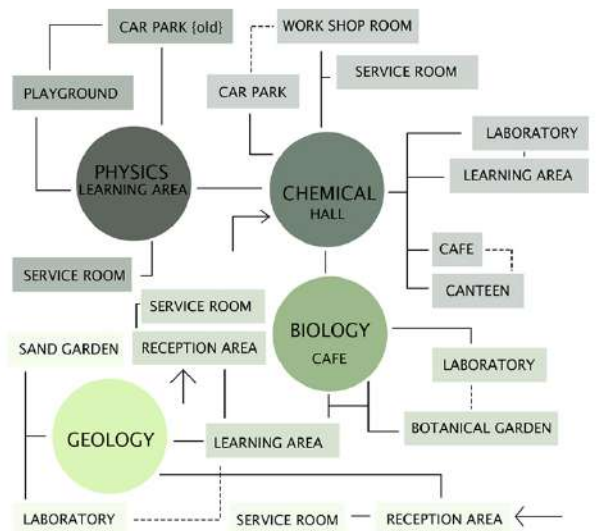
SECTION



BASEMENT 1st FLOOR



FUNCTIONAL DIAGRAM



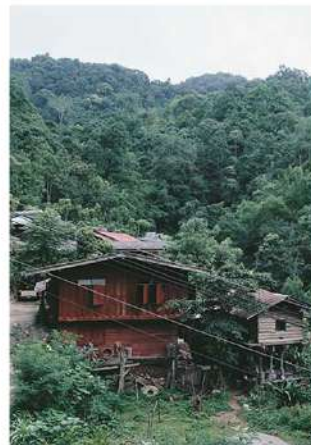




THE FRONDOSE

TOWER

The first images that come up in a foreigner's perspective about Chiang Mai are that it's a city surrounded by nature and traditional Lanna style (food and more). This project does research through the internet and social media that could guarantee all the information is a trendy one. So the project's main concept has an inspiration from the images of Chiang Mai (present) which is a trend in social media. The building combines trendy images to function and design space in the project by every floor of the building covered by plants and residents could enjoy and relax with those plants. Also, this project will give a new experience to all residents and a new image of Chiang Mai for all visitors.



SOCIAL MEDIAL TREND

(CHIANG MAI CONTEXT)



USER

The main costumers target focus on business society and middle to high class society who can offer for the rental price

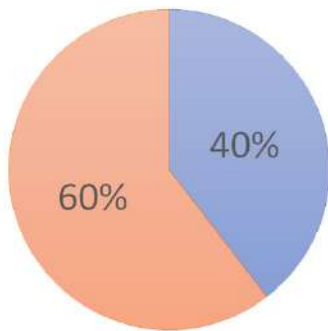
SITE

The location of the project is on the red zone in urban planing of Chiang mai city. surrounding by all kind of facility such as court, bus station, shoping mall etc. also around this area doesn't have a lot of hotel which its a high rise so this is a good opportunity of this site

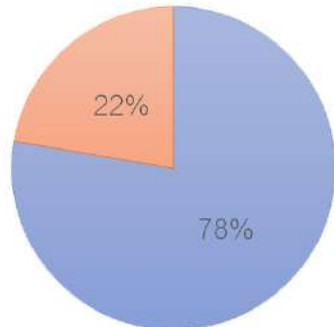
BUILDING PROGRAM

HOTEL AND RENTAL OFFICE

SALING AREA / TOTAL AREA

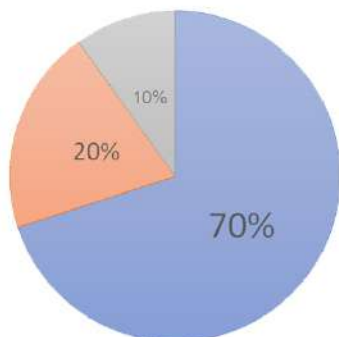


HOTEL / OFFICE



■ Hotel ■ Office

HOTEL / OFFICE / CARPARK

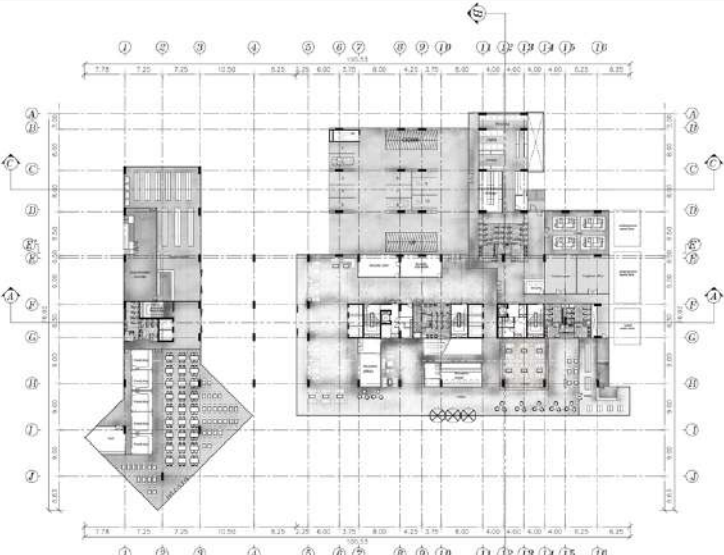


■ Hotel ■ Office ■ CARPARK

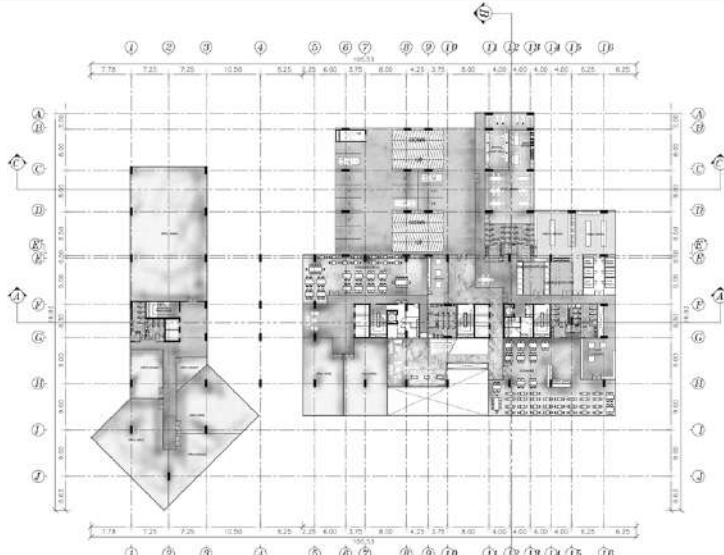
zone	function	sq.m.
hotel	Guestroom	11709.1
	Restaurant 1	768
	Restaurant 2	796.652
	Meeting room	360
	Ballroom	280
	Spa	135
	total	14048.752
office	office area	4582.5
	canteen	250
	Restaurant	350
	total	5182.5
	total rental area	19231.252
Total area	total area	29,352.86

CARPARK		
FUNCTION	AREA (S.q.m.)	CAR
Hall reception	420	14
Resident 210 rooms		105
resterant	529	14
office	4760.97	40
		173
AREA CARPARK		
	CAR	TOTAL
1 CAR per 12.5 Sq.m.	188	2350

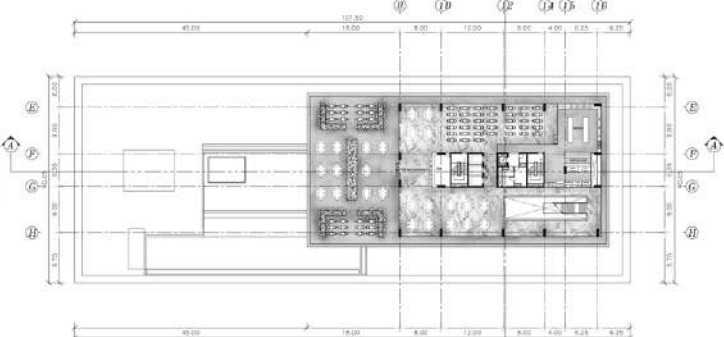
BUILDING TOTAL AREA	
Function	Area
Hotel	24,591.887
Office	4760.97
total	29,352.857



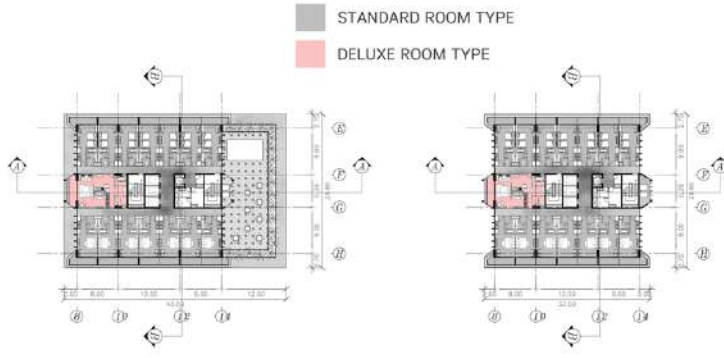
PLAN FLOOR 1
SCALE 1:250



PLAN FLOOR 2
SCALE 1:250



PLAN FLOOR 7
SCALE 1:250



PLAN FLOOR 8
SCALE 1:250

PLAN FLOOR 9-18
SCALE 1:250

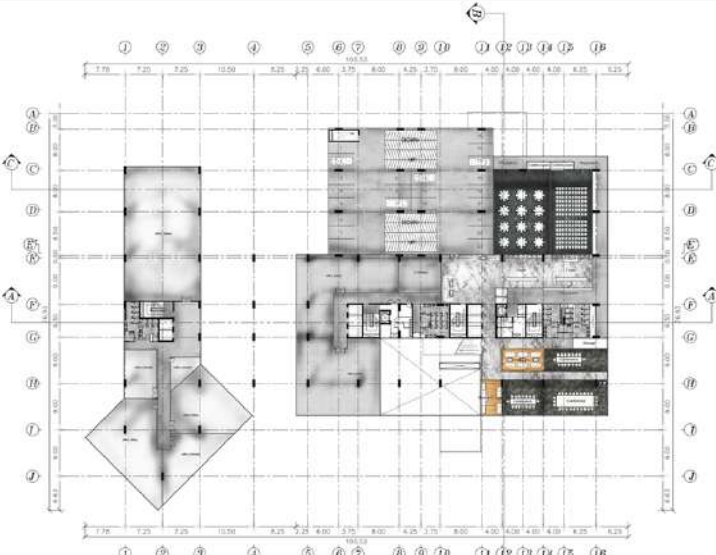


ELEVATION C
SCALE 1:250



ELEVATION D
SCALE 1:250





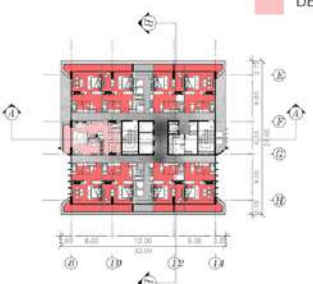
PLAN FLOOR 3
SCALE 1:250



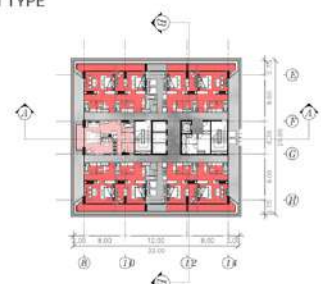
PLAN FLOOR 4
SCALE 1:250

■ SUPERIOR ROOM TYPE
■ DELUXE ROOM TYPE

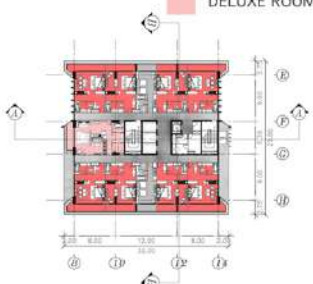
■ SUPERIOR ROOM TYPE
■ SUITE ROOM TYPE
■ DELUXE ROOM TYPE



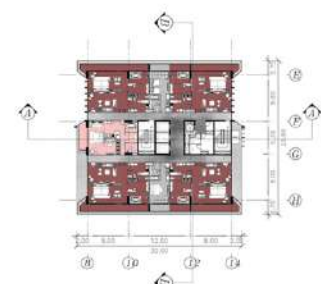
PLAN FLOOR 19
SCALE 1:250



PLAN FLOOR 20
SCALE 1:250



PLAN FLOOR 21
SCALE 1:250



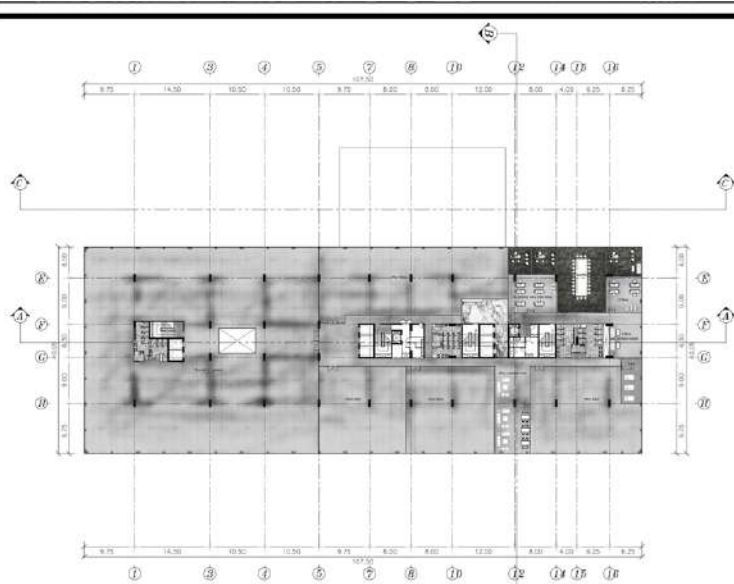
PLAN FLOOR 22
SCALE 1:250



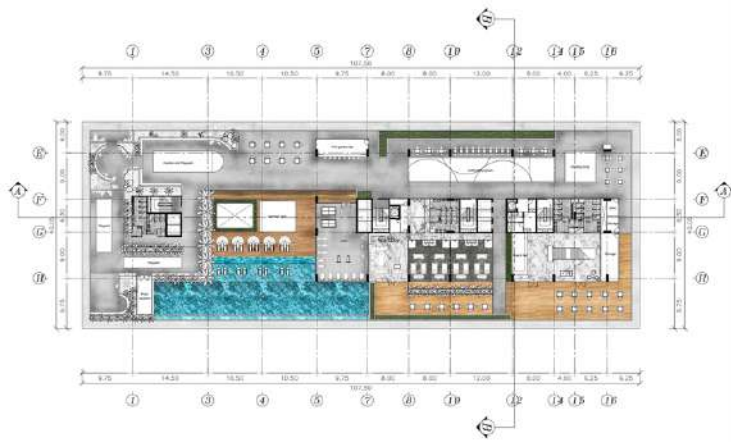
ELEVATION A
SCALE 1:250



ELEVATION B
SCALE 1:250

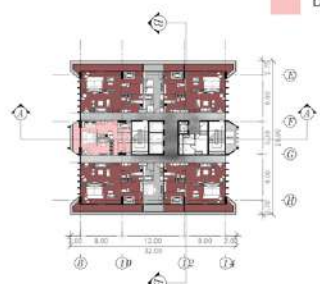


PLAN FLOOR 5
SCALE 1:250

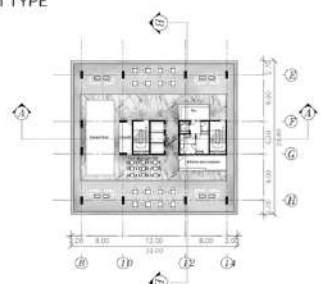


PLAN FLOOR 6
SCALE 1:250

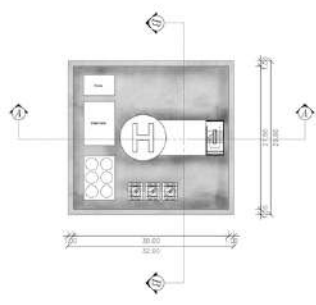
- SUITE ROOM TYPE
- DELUXE ROOM TYPE



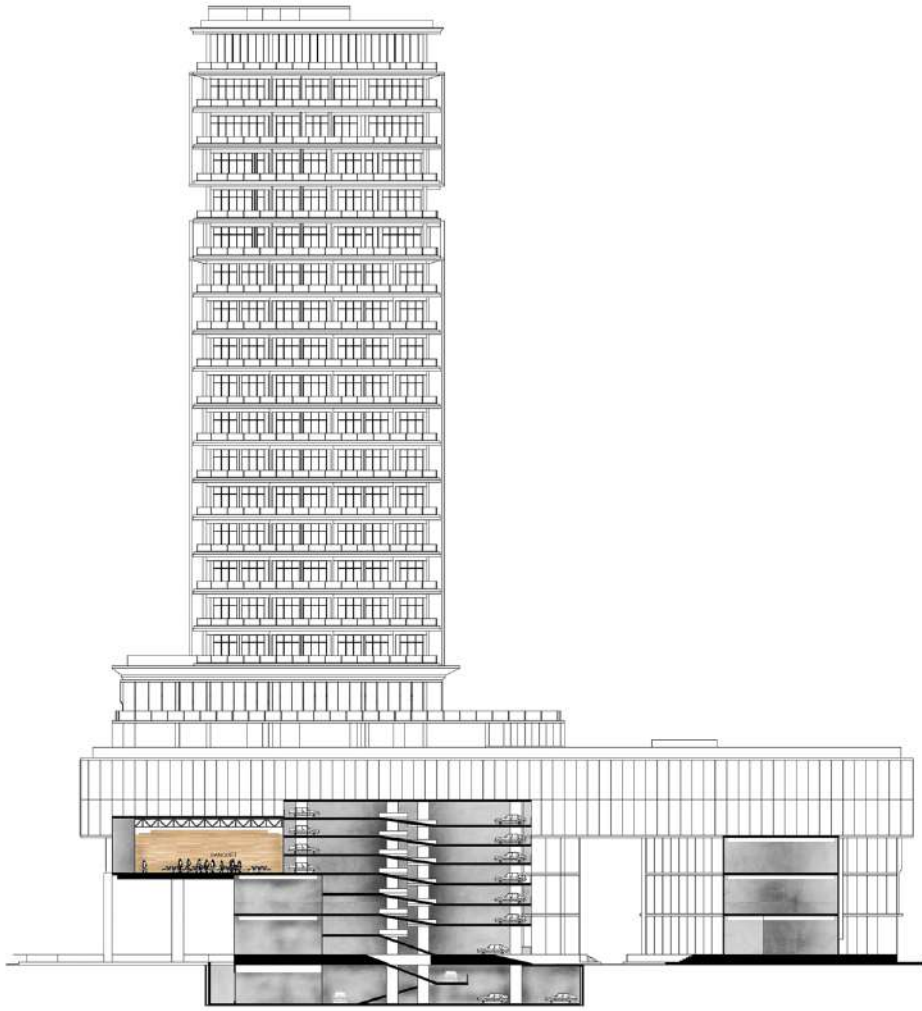
PLAN FLOOR 23
SCALE 1:250



PLAN FLOOR 24
SCALE 1:250

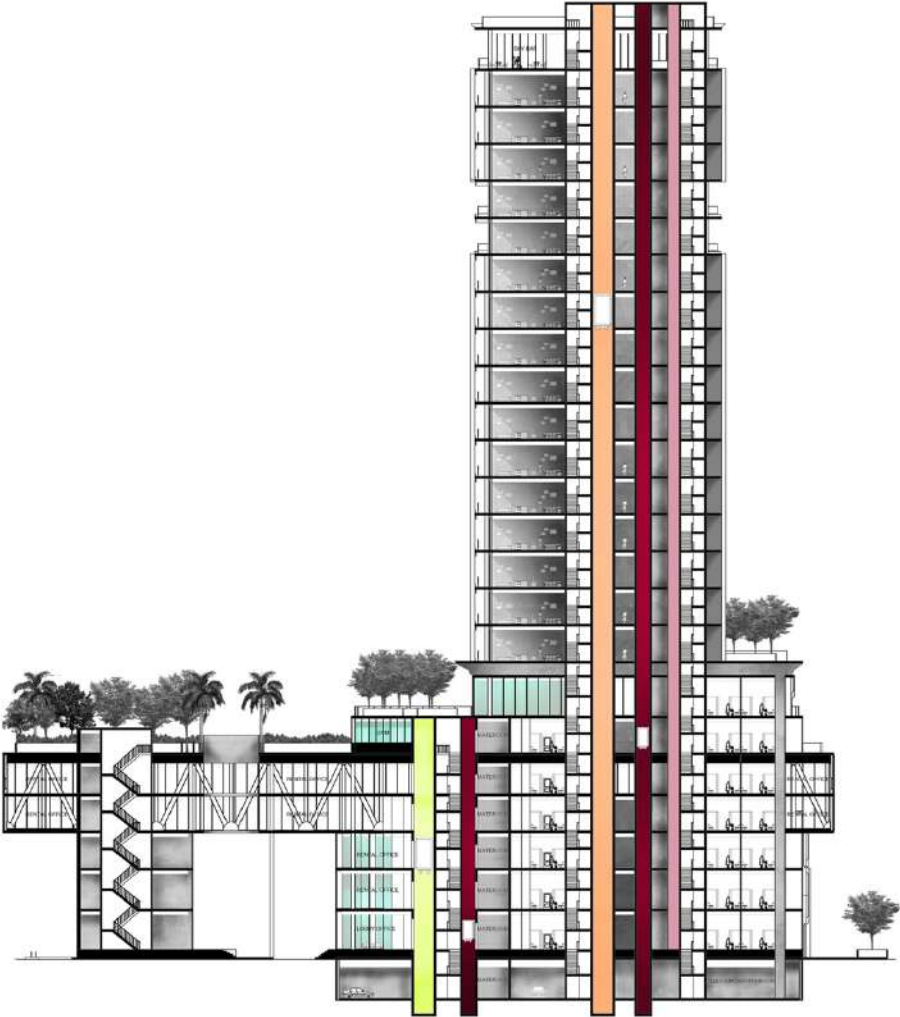


PLAN DECK FLOOR
SCALE 1:250

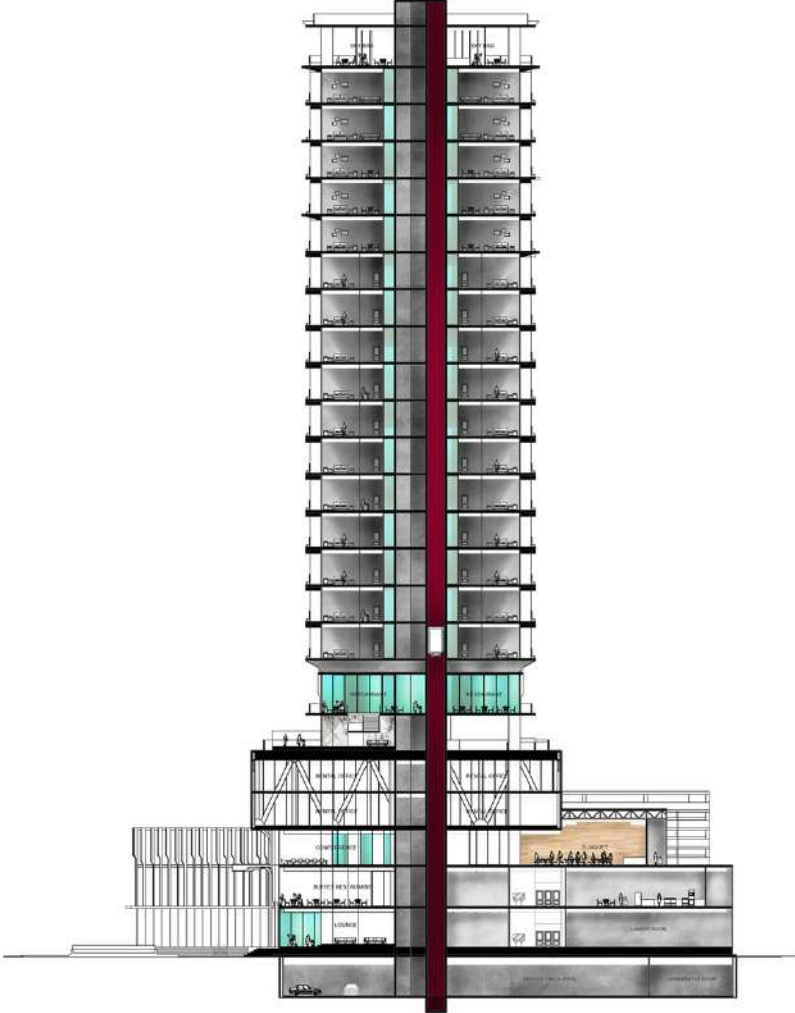


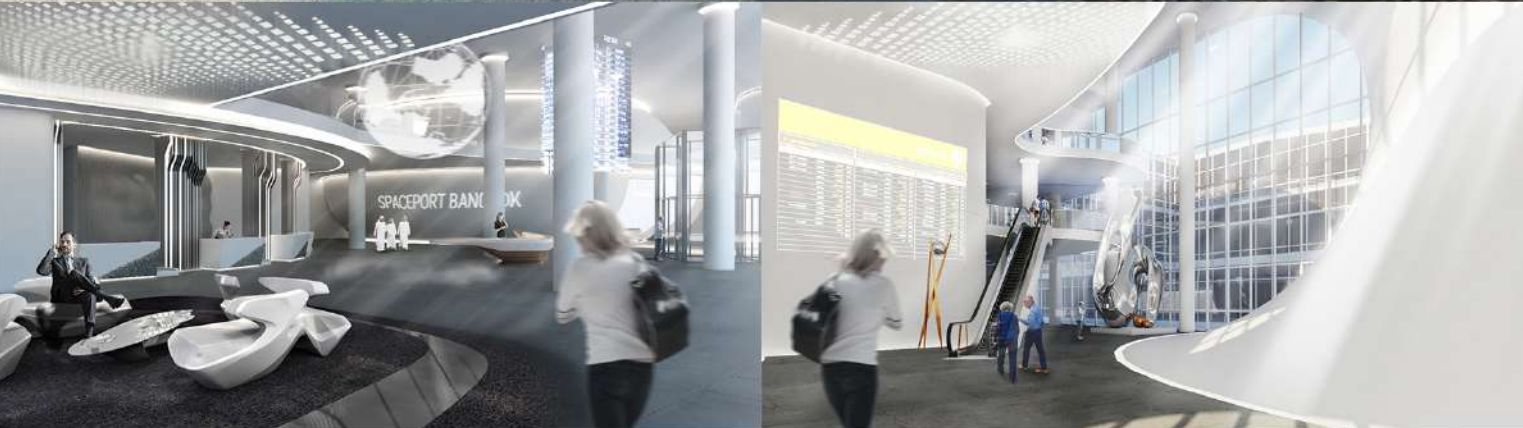
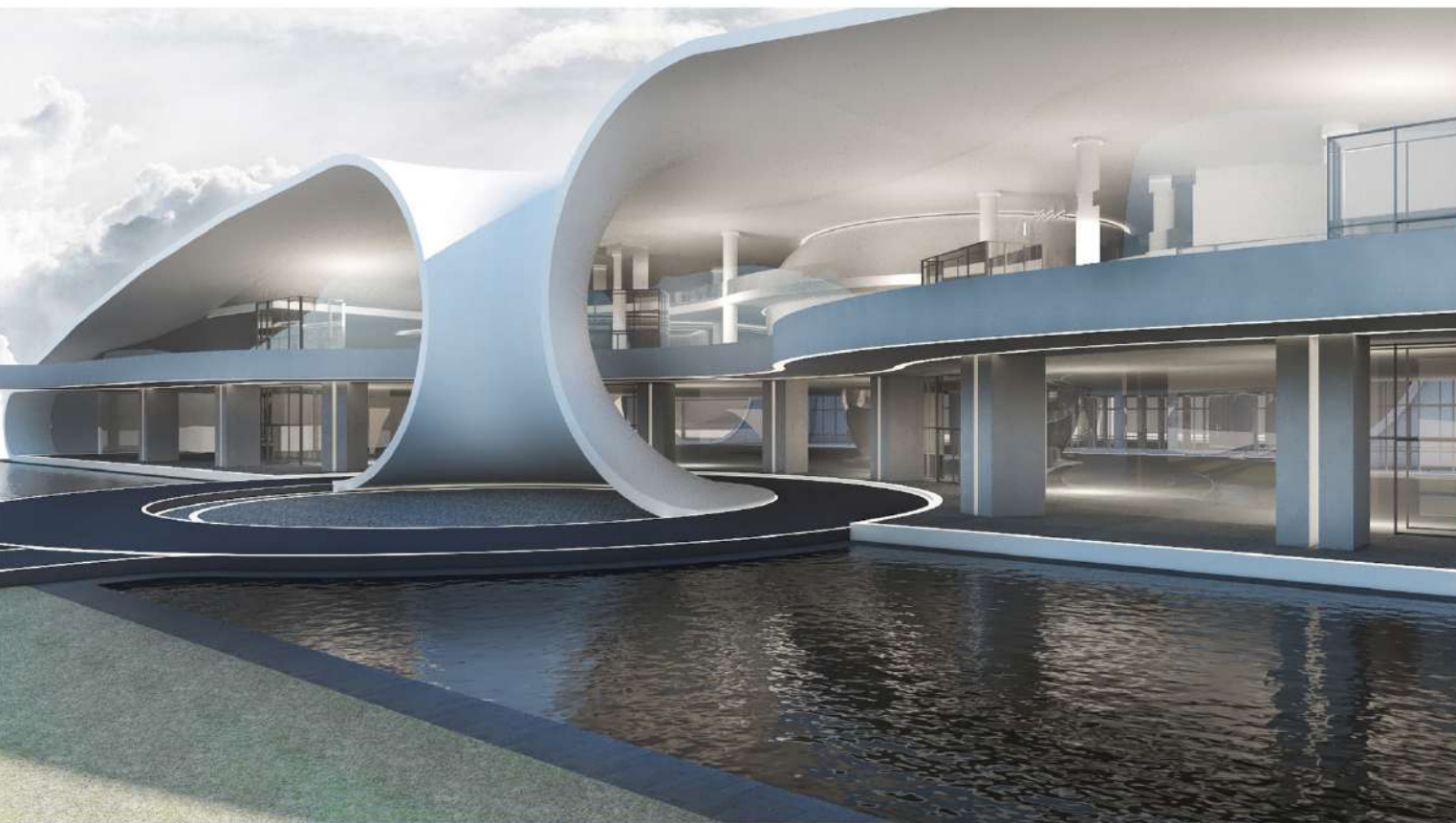
SECTION 1

SECTION 2



SECTION 3

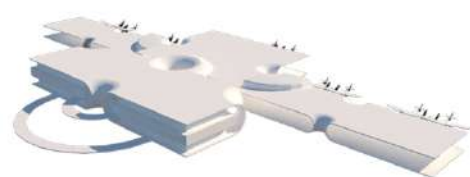
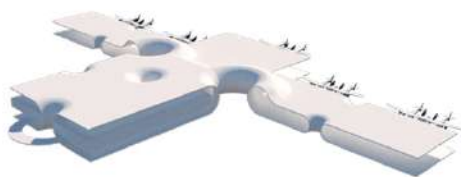
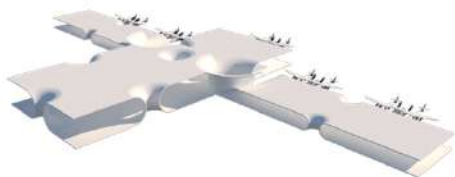




BANGKOK SPACEPORT, THAILAND

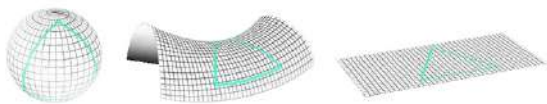
From the evolutionary trend of world transportation technology that emphasize on reducing period of traveling time and breaking the limit beyond world travel distance to travel from Earth to Moon even from Earth to Mars. The most important technology that tend to take an interest from many of world first country is a space transportation technology which it combined between two different transportation technology such as rocket technology and aircraft technology. The spacecraft have been developing from the purpose of space exploration to commercial flight travel by changed some of the material that suited the Earth atmosphere which can reduces more than 50% of original price but still have same potential and safety. Bangkok spaceport will be -

FUNCTION AND FORM DEVOLOPMENT



a place to support all of the activity and space travel procedure moreover it will increase economically of Thailand that will come with space traveling. In addition, it will also develop the knowledge of Thai space transportation technology.

The concept of this project is based on the shape of the universe theory which have three important shape such as Flat universe, hyperbolic universe and spherical universe. The theory is use in in term of architecture design form that cover all of the building by wrapping in one single form also concern about function inside the building which suit the space travel procedure and space travel requirement. This thesis is a compilation of spaceport design guide included spaceport function design, circulation design and hangar design for a future spaceport design method.



S SPACE

- ACTUAL SPACE
- IMAGINATION SPACE
- OUTER SPACE
- ARCHITECTURE SPACE

T TRAVEL

- TRAVEL THROUGH SPACE
- TRAVEL BY SPACE
- ARCHITECTURE TRAVEL (CIRCULATION)

E EXPERIENCE

- SPACE EXPERIENCE
- TRAVEL EXPERIENCE
- VIRTUAL REALITY EXPERIENCE

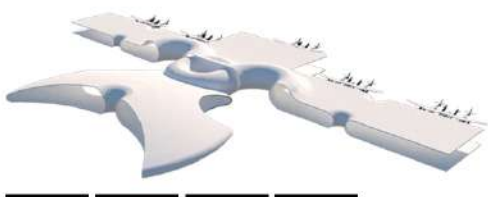
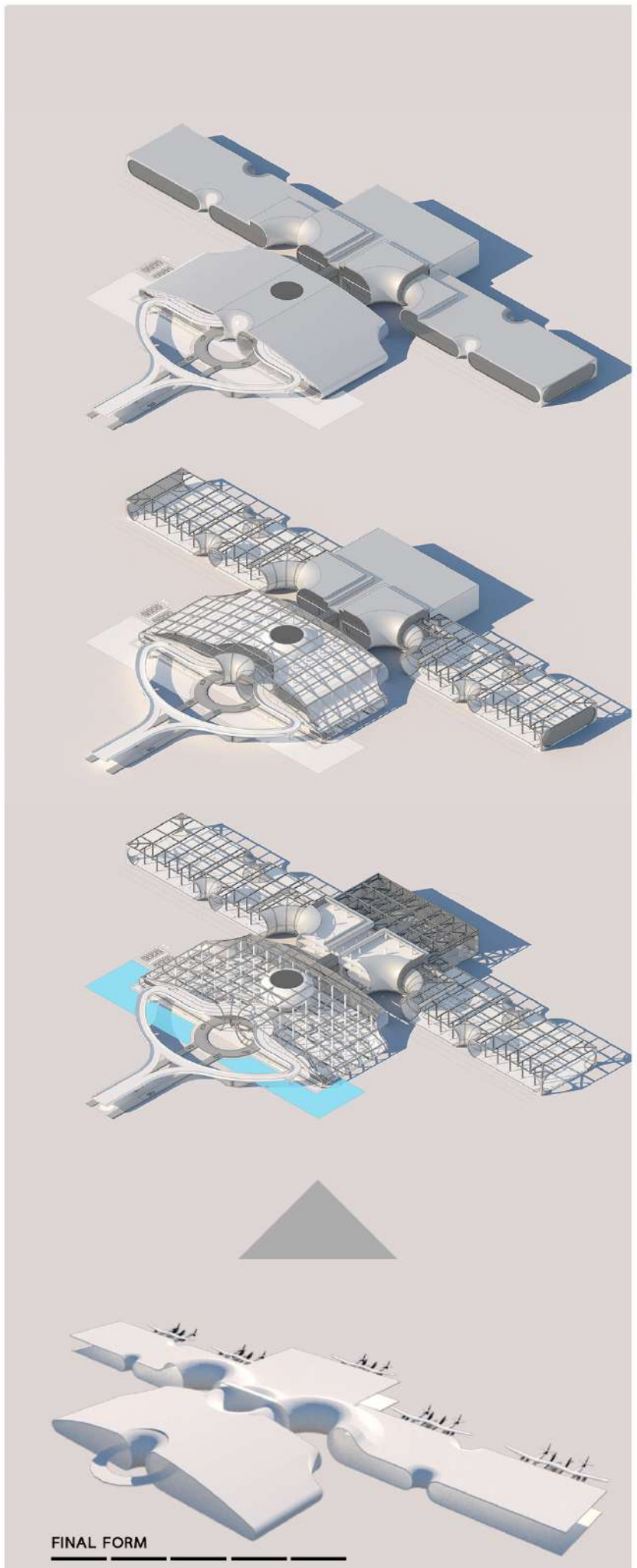
F FUNCTIONAL

- CIRCULATION
- SPACEPORT USABILITY
- USER COMFORTABLE

S² SUSTAINABILITY

- WATER RECYCLE
- SUSTAINABLE MATERIAL
- ACCESSIBLE LOCATION
- GREEN ARCHITECTURE

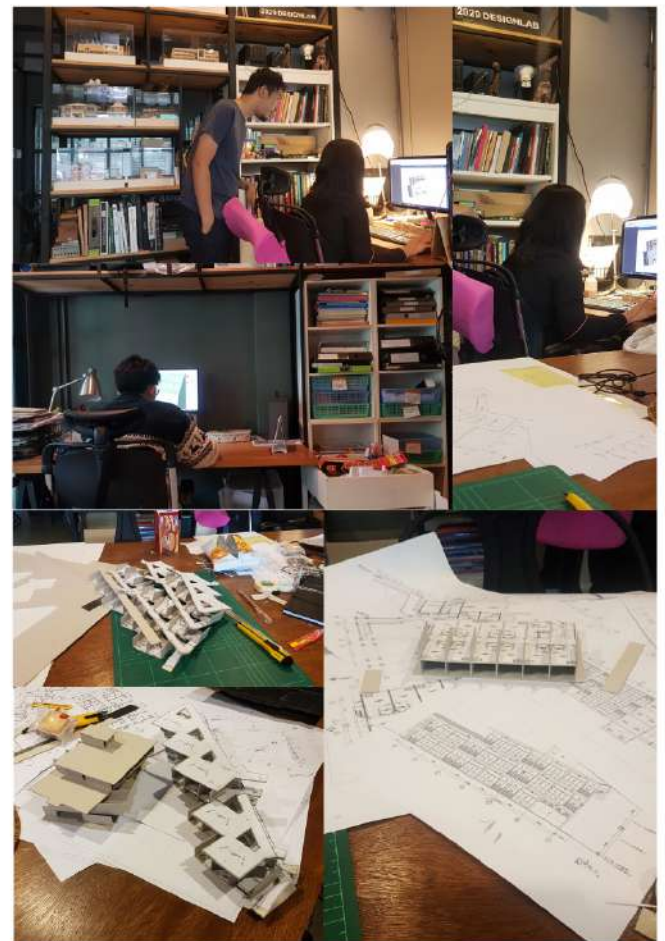
S+T+E+F+S²
DESIGN CONCEPT



Asian Rim International Seminar 2018 Hizen-Hamashuku, Kashima, Saga, Japan



Internship at 2929 Design Lab Chiang mai, Thailand



International Architecture Workshop Thailand-France Chiang mai, Thailand



Asian European International Design Lab Chiang mai, Thailand

