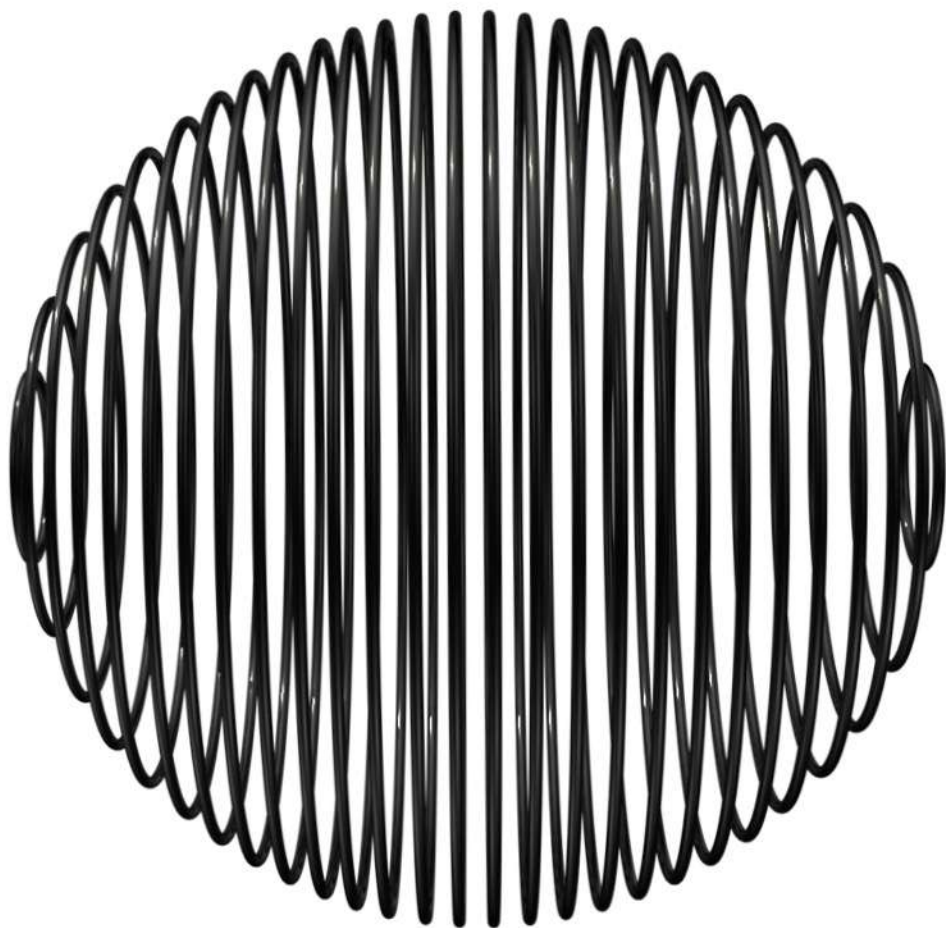


SUPAMAT

W



PORT

FOLIO

INTRO.



Name Supamat Weerawat
Nickname Teayhorm
Date of Birth 13/01/1995
Assoc.Arch 24054

CONTACT

ADDRESS 331/2 M.7
Teaparak R.
Teaparak, Muang,
Samutprakarn,
10270

TEL. 095 443 1521
EMAIL teayhorm-
supamat283@g-
mail.com

EDUCATION 2001-2012
St.Joseph Bangna
School.

2014-2019
Bachelor of Archi-
tecture Program in
Architecture at
Faculty of Architec-
ture Kasetsart
University.

COMPUTURE SKILL

Rhinoceros (Grasshopper and Vray)
Revit
Sketchup
AutoCAD (x-ref,layout and etc.)
Lumion
Enscape

Photoshop
Illustrator
Indesign
Microsoft

HAND SKILL

Model Making
Sketch for presentation.

Drawing
Watercolor
Chacoal
Oil Pastel
Chalk

WORK EXPERIENCE

Internship at
2018
Junsekino Architect and Design.

Work at
2019 - 2020
A.P.Y. Design. (Junior architect)
2020
B-Sides.(Architect)



This portfolio presented about skill particular
Architectural and Art work.
I have a passionate and
possitive thinking to everything about
Architecture, Art and Creativity design or
everything can develope myself and my
teams to be better.

WORKSHOP AND CONTEST EXPERIENCE

2016
*ASA-CAN Workshop 2016
“Place-Making:Living with Water”, with Prof.Nabeel Hamdi
(Urban Design’s proposal@Klong Bang Luang)

*Cafe Amazon Awake Award
(Architecture and Interior design contest)

*Maxvalu Tanjai Interior Design Identity contest (Interior design)

2017
*PIGMA MICRON I AM ORIGINAL 2
@BACC (Illustator)

*Young Thai Artist Award 2017. (Illustator)

* ASA-CAN Annual Workshop 2017
“Pranakhorn: Kin Dee Yoo Dee” with Creative Crews and Tidtang
Studio (Urban Design’s proposal @Pak klong Talad)

2019
*Storyteller’s Hour By Storyteller (Advertising Agency : Art Director)

-Selected Projects.

: Rhino and Grasshopper Skill.

: Renders.

-Thesis

-Work Experience.

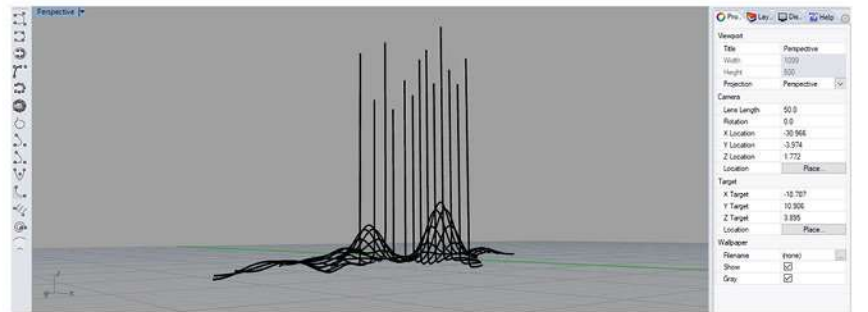
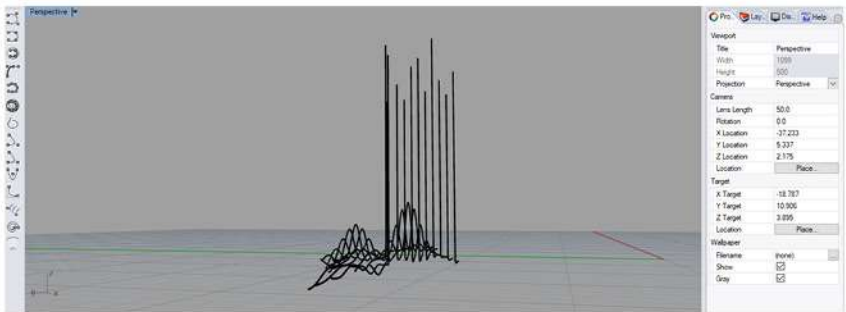
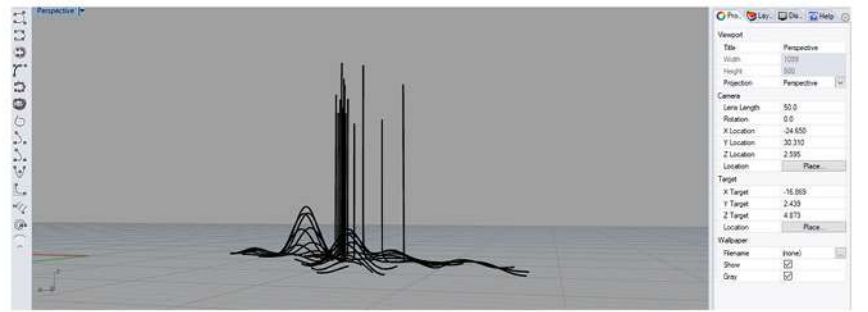
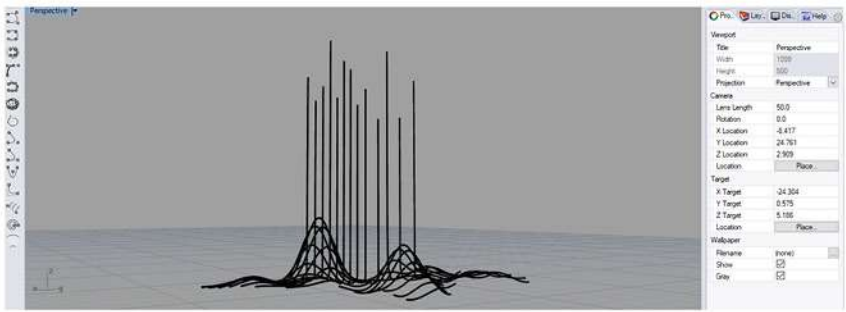
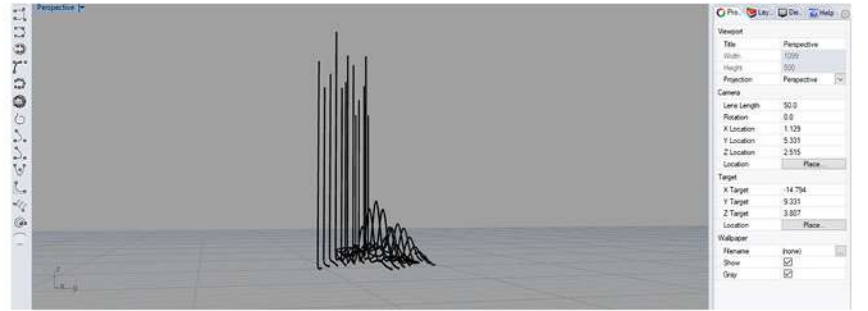
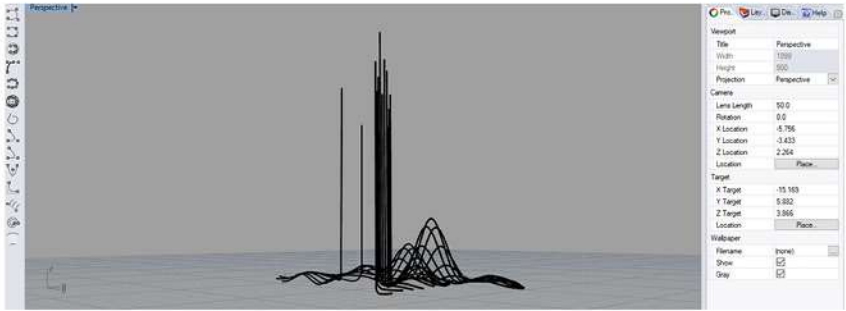
-Workshop and Contest

CYBERPUNK 2200

SKD/DISPLAY AND INSTALLATION DESIGN : MONOTONE

The inspiration from something falling to the earth and effect to the ground. Its have a shape and form of this action like liner and wave. When we move around from this, a form that can change by visual.



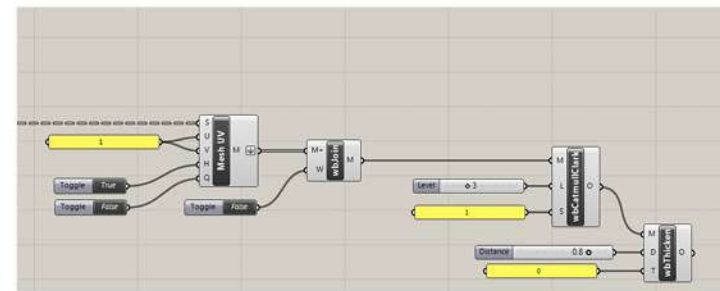
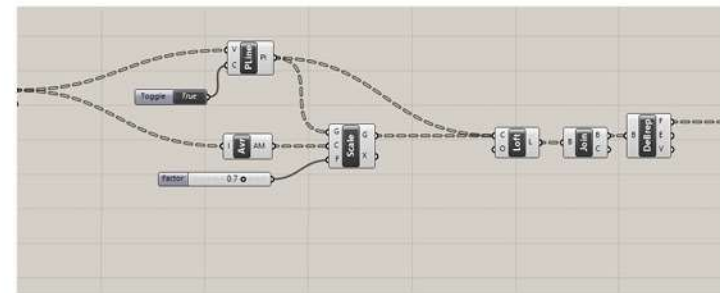
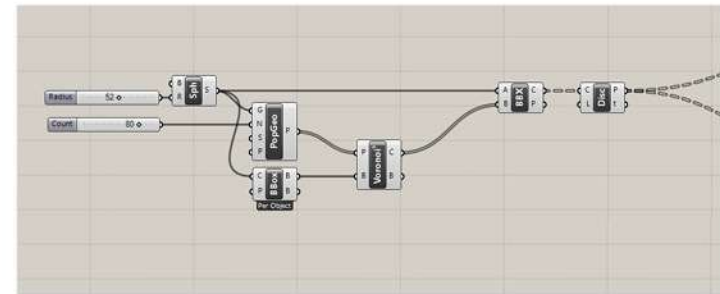
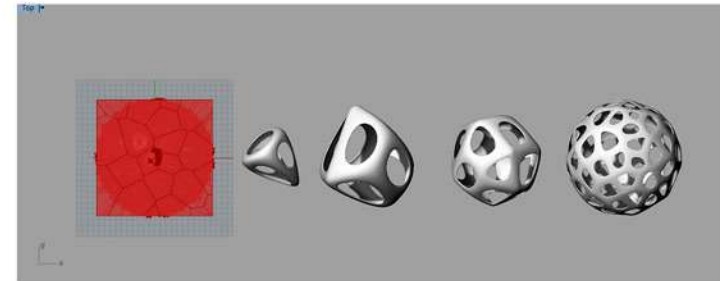
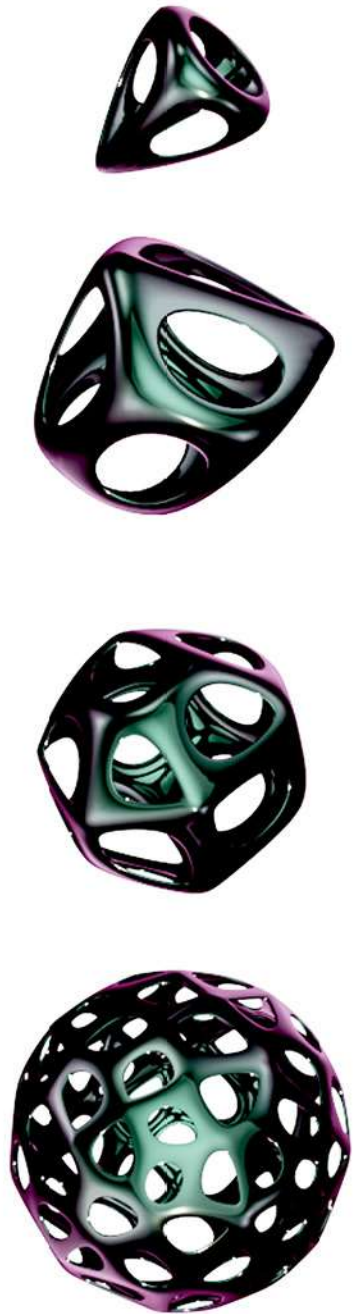


Process.
View Point when we move around with an installation.

FORM

GENERATE FORM WITH GRASSHOPPER

Renders and process.

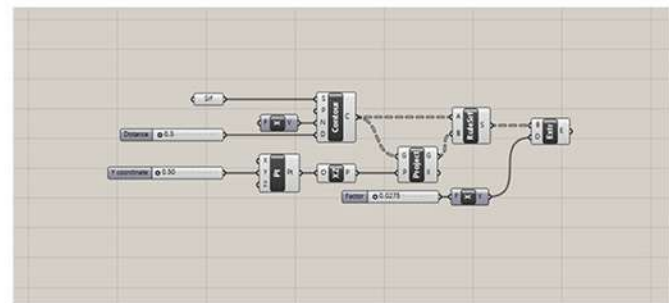
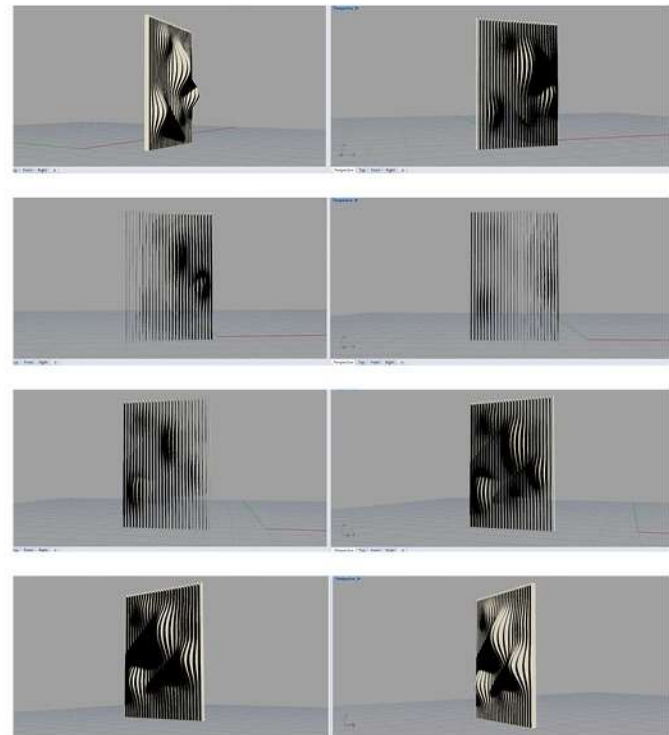


WAVE

FACADE DESIGN

When we change the view point, its can be change. Side's perspacetive show cuve form and shade a building but when we saw this facade at front, its can saw this building with fraligity facade.





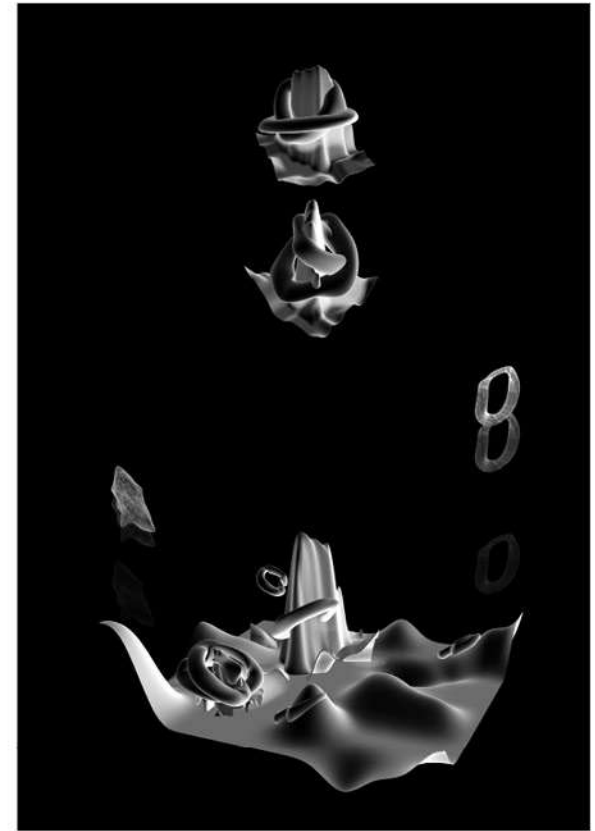
Renders and process.

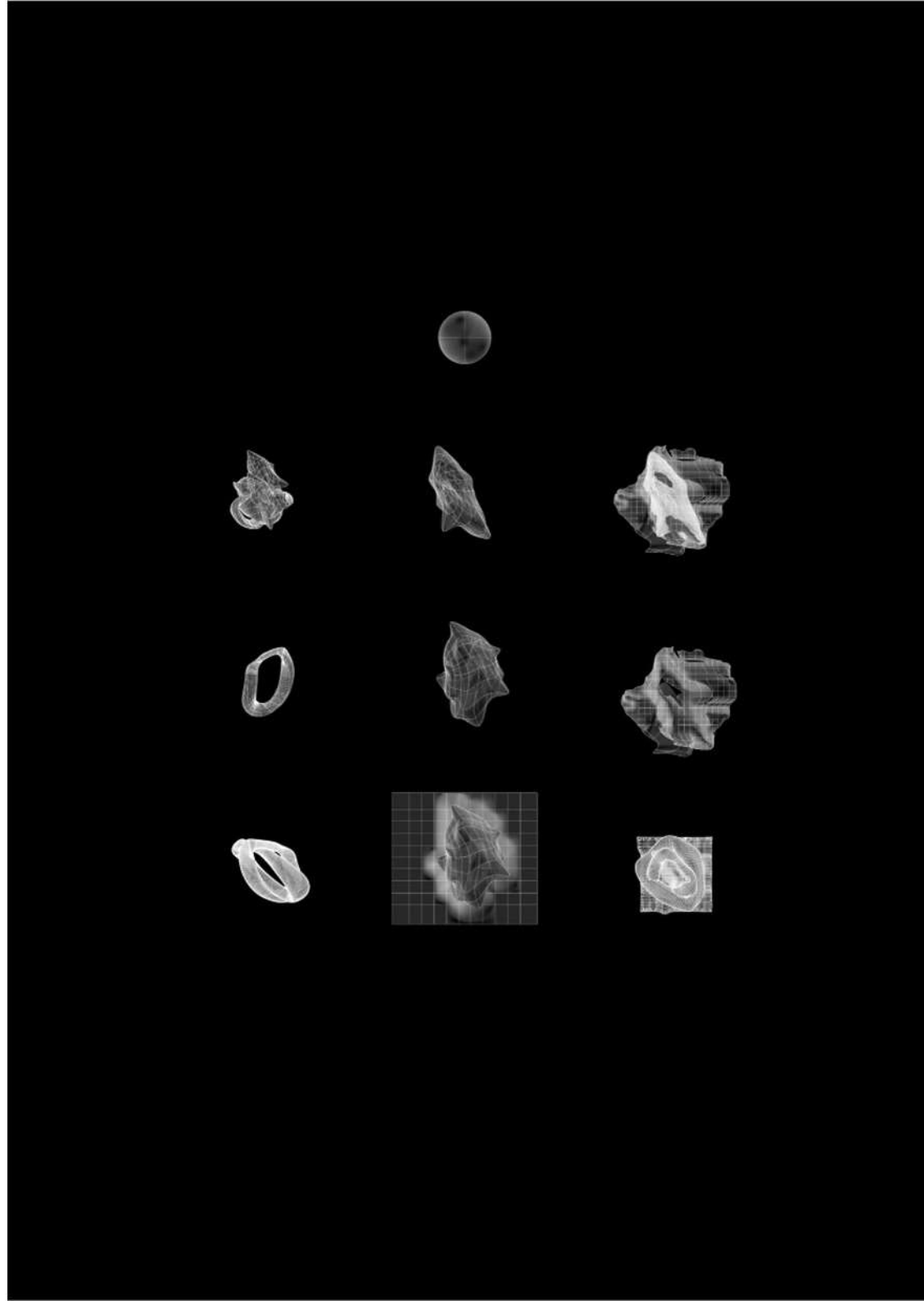
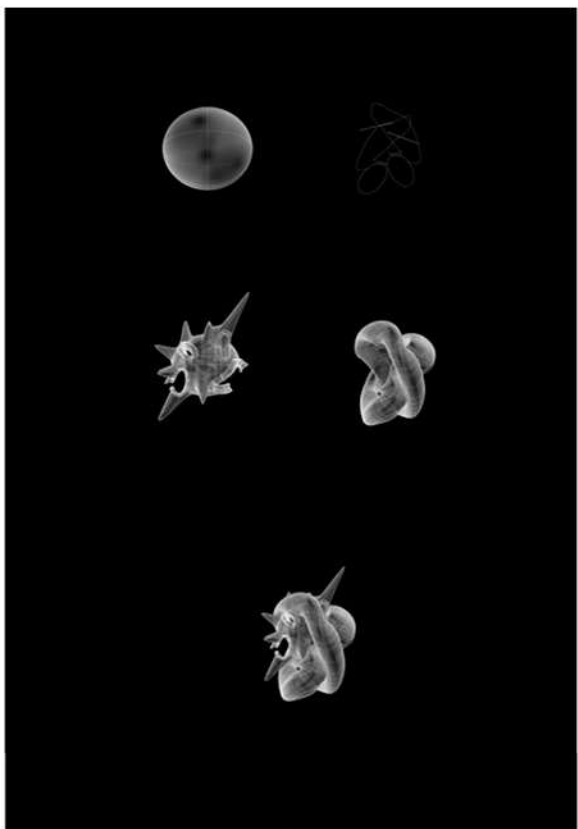
GRAVITY

DIS-UTOPIA

When a center of the earth hasn't the balance, form of planet will be change with zero-g.







RENDER



-Selected Projects.

-Thesis

: NAVAL HISTORICAL MUSEUM AND PARK.

-Work Experience.

-Workshop and Contest

NAVAL HISTORICAL MUSEUM AND PARK

SUPAMAT WEERAWAT
KASETSART UNIVERSITY



ปัจจุบัน ระบบขนส่งมวลชนกระจายมายังพื้นที่บริเวณที่เพิ่มมากขึ้น ทำให้พื้นที่บริเวณโดยรอบสถานีและเส้นทางของรถไฟฟ้า เอื้ออำนวยให้ศักยภาพในการพัฒนาพื้นที่เพิ่มมากขึ้น

พื้นที่ศึกษา คือ โรงเรียนนายเรือ จ.สมุทรปราการ(ฝั่งการเคหะ) ซึ่งพื้นที่ของโรงเรียนนายเรือ เป็นพื้นที่ราชการ แต่ได้เปิดบางส่วนให้เป็นพื้นที่สาธารณะและในส่วนของการพัฒนาจังหวัดต้องการให้พื้นที่ของพิพิธภัณฑ์ทหารเรือ เป็นสถานที่ท่องเที่ยว พื้นที่ทั้งสองมีศักยภาพในการพัฒนาพื้นที่เป็นสถานที่รองรับกิจกรรมและผู้คนให้เป็นพื้นที่สาธารณะได้

แต่เนื่องจาก พื้นที่โรงเรียนนายเรือ ในอดีต เป็นพื้นที่ของป้อมเสื่อซ่อนเล็บ ในสมัยรัชกาลที่3 พื้นที่นี้จึงมี **การซ้อนทับ** ของ **พื้นที่ในอดีตและพื้นที่ใช้งานปัจจุบัน** จึงเป็นที่มาของโครงการ ปรับปรุงพื้นที่บางส่วนของโรงเรียนนายเรือให้เป็น **พื้นที่สาธารณะในรูปแบบของพิพิธภัณฑ์ที่อยู่ในกรอบของการเล่าเรื่องของป้อมเสื่อซ่อนเล็บในอดีต** ให้สะท้อนออกมาเป็นพื้นที่การใช้งานปัจจุบัน ที่รองรับกิจกรรมของโรงเรียนนายเรือ(เทศกาลพิเศษ)และสาธารณะ เพื่อให้มีการใช้งานอย่างเต็มประสิทธิภาพและคุ้มค่าที่สุด เพื่อให้คนในพื้นที่หรือผู้ที่สนใจตระหนักถึงสิ่งที่ซ่อนและมืออยู่ในพื้นที่และเกิดความภาคภูมิใจในที่สุด

At present, The public transportations system are expand from city to town. The area around a sky train's line are provide a choices to developed the area beside skytrain's line. A case study is Naval Academy at Naval Academy station.

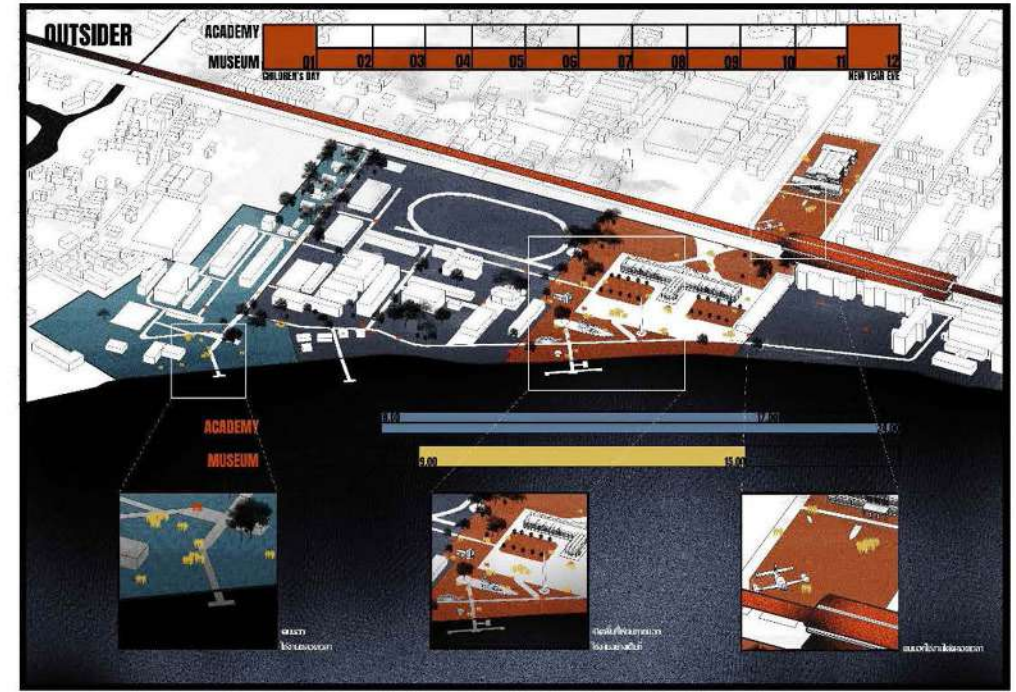
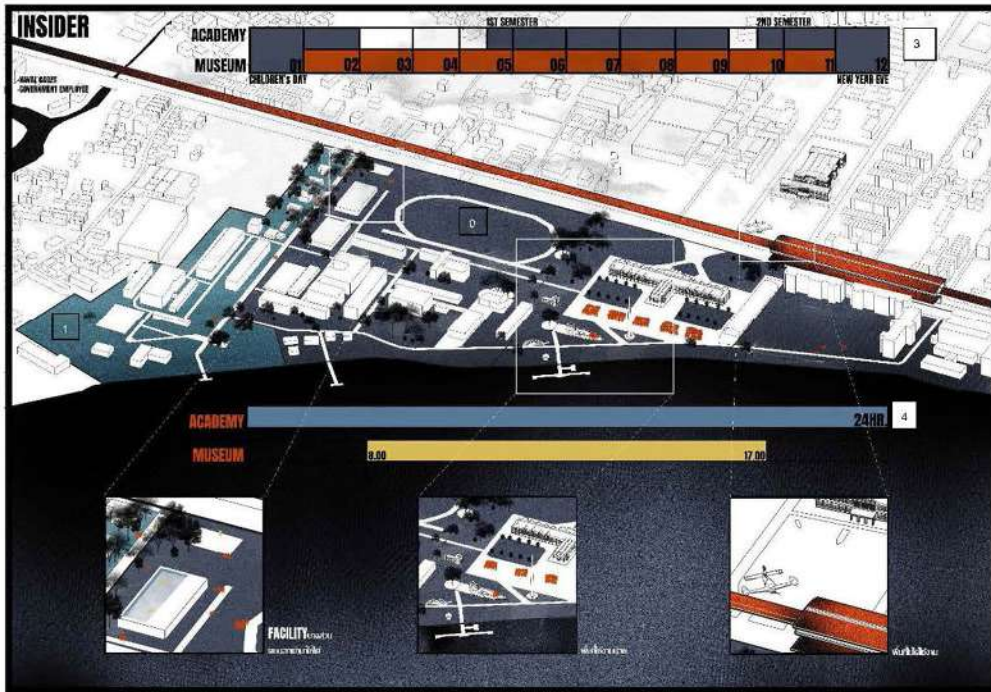
Naval Academy is a place for train normal student to the mariner since King Rama VII but at past, this area are the fortress since King Rama III. Both area are overlapping by event space and activity but it's can separate by times[past/present].

The importance of creating proposal are experiment and find the way to develops this area to public space for support a chance by a skytrain's coming and develops waste space to be good quality area to use in a historical of fortress as a themes to create the architecture make an experience and make a pound for Samutprakian and a people who interested in historical of fortress and mariner.

This page show the relationships of urban system with site.

Next Page
 Show about Timeline of landuse from past to present and Activity in Landuse at present.



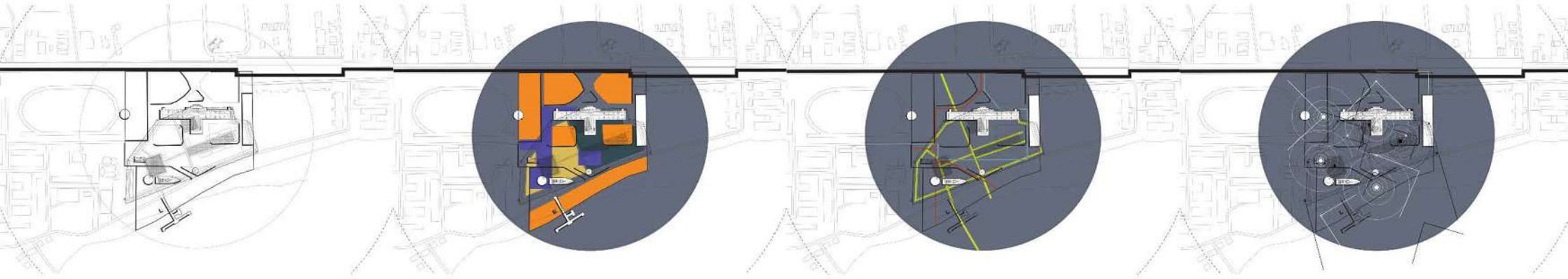


INSIDER

Light Blue : For user from outsider.(Hospital,Restaurant and mini-park)
 Blue:Function for Naval cadet.(Learning area,Monument area and Resident area)

OUTSIDER

Light Blue : For user from outsider.(Hospital,Restaurant and mini-park)
 Blue:Function for Naval cadet.(Learning area and Resident area)
 Orange:Monument space as Event space.



BOUNDARY

-
The layout from past(fortress) and present(Event area from Naval Academy) are overlay.

AREA

-
Past (Fortress)
Yellow - Main Function Area
Green - Sub-Function Area

Present(Naval Academy)
Orange - Green space/wast area.
Purple - Event area.

CIRCULATION

-
Past (Fortress)
Yellow - Main Function Area
Green - Sub-Function Area

Present(Naval Academy)
Orange - Green space/wast area.
Purple - Event area.

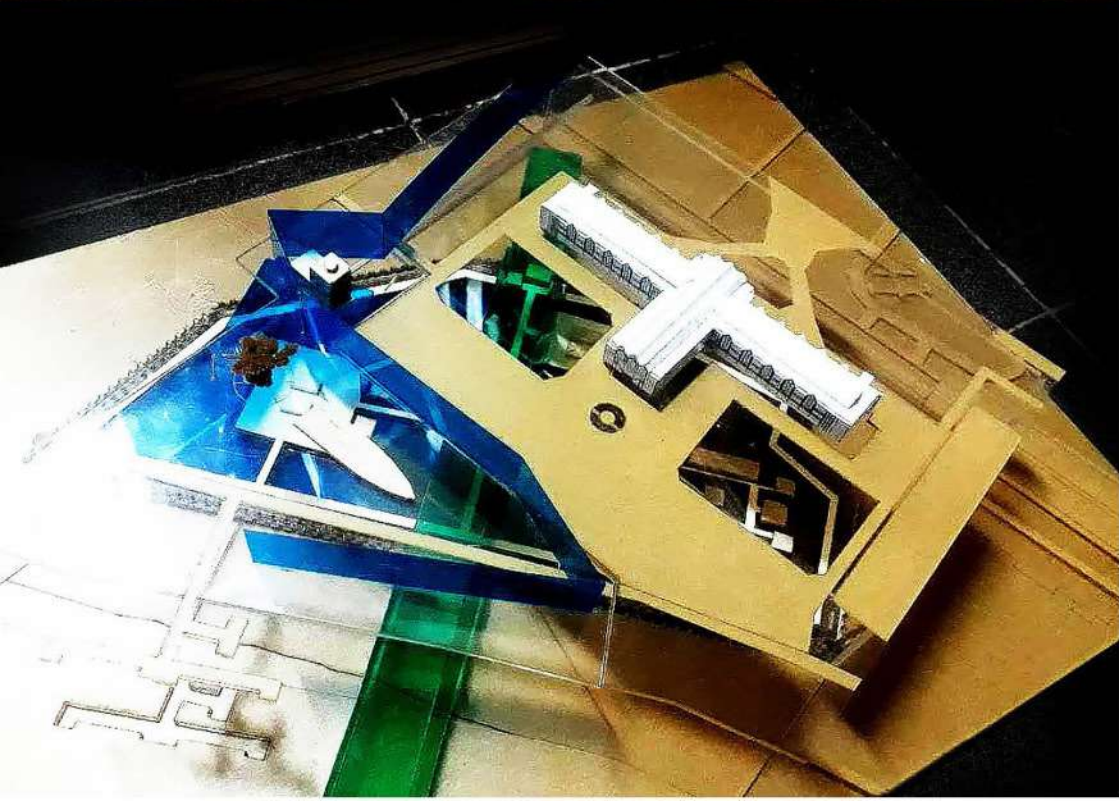
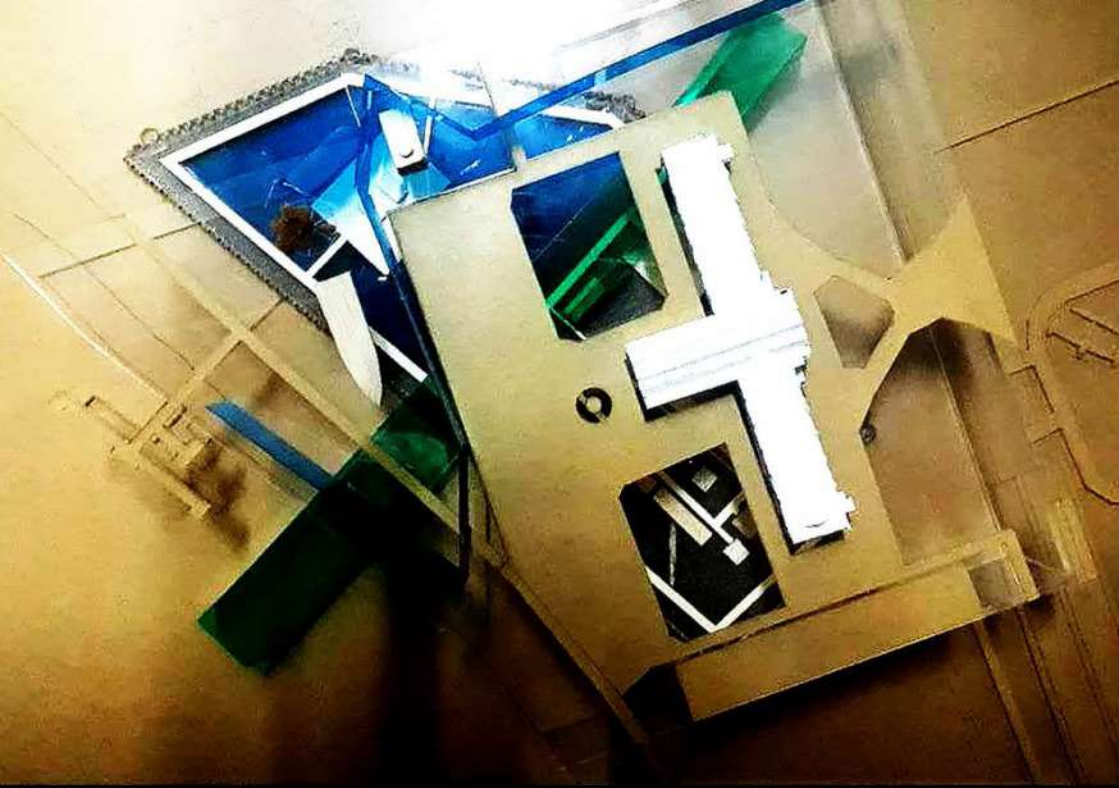
FOCUS POINT

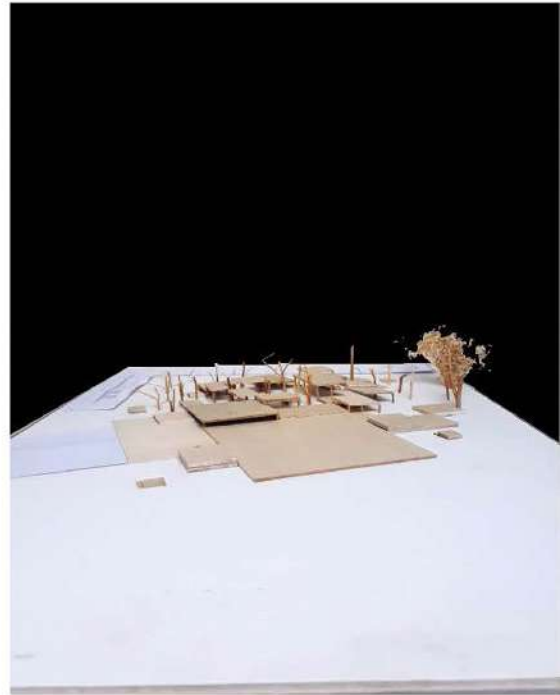
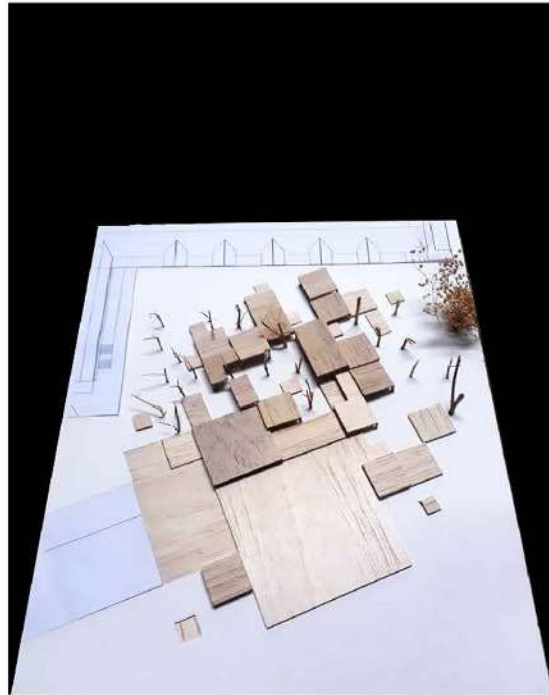
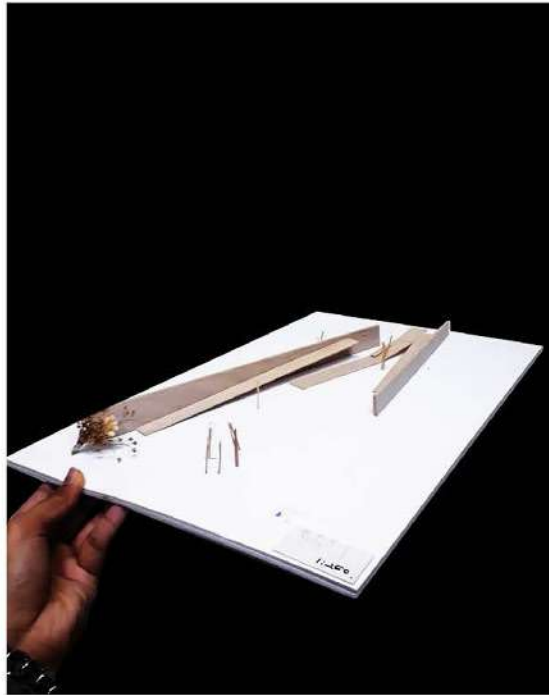
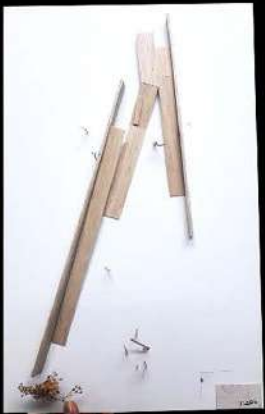
-
Circle - Volumn of user
Angle - View point

Black - Past (Fortress)
White - Present(Naval Academy)



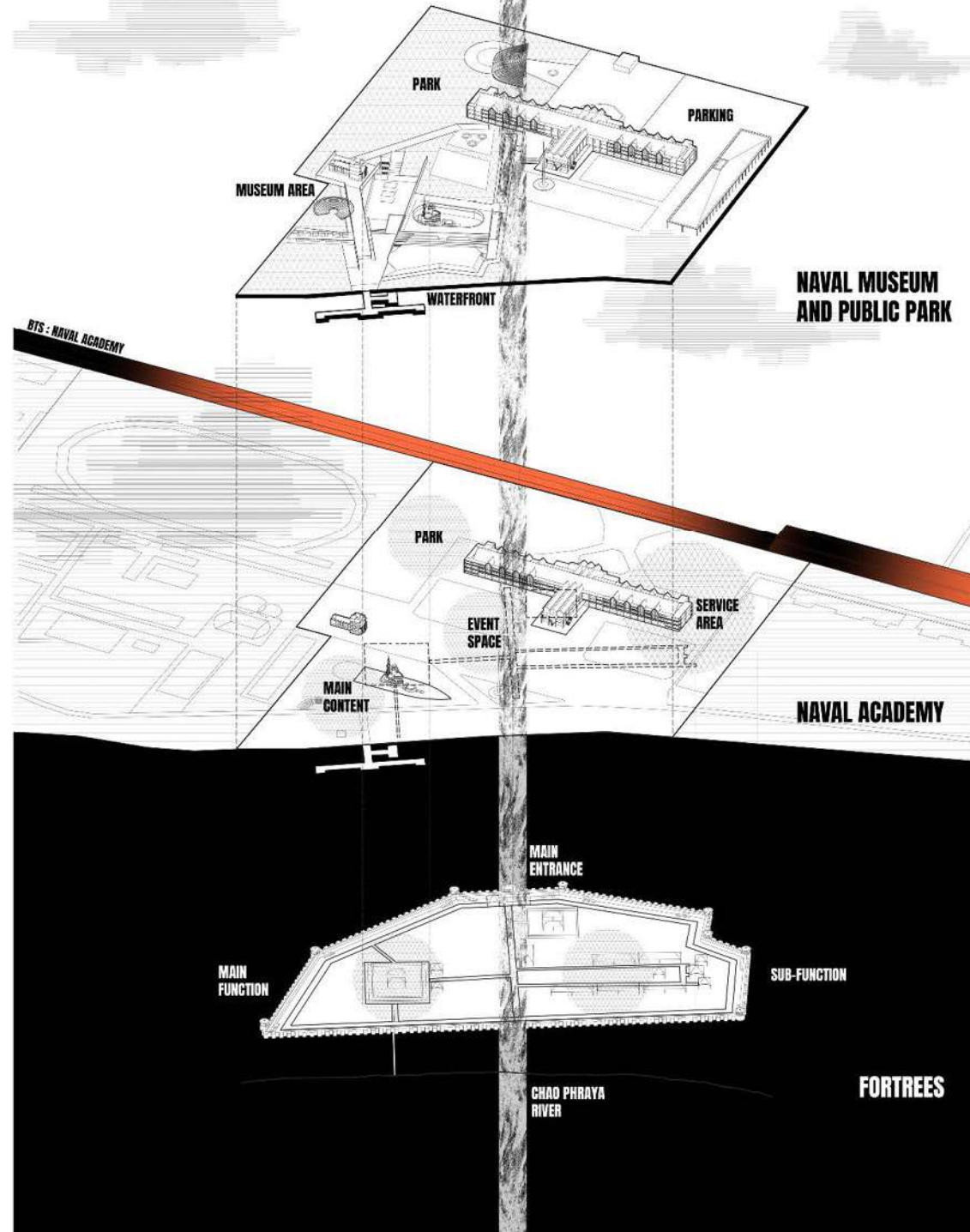
Overlay area from past and present model.





Developed design some area.

NAVAL HISTORICAL MUSEUM AND PARK.



Overlay landuse from past , present and project.

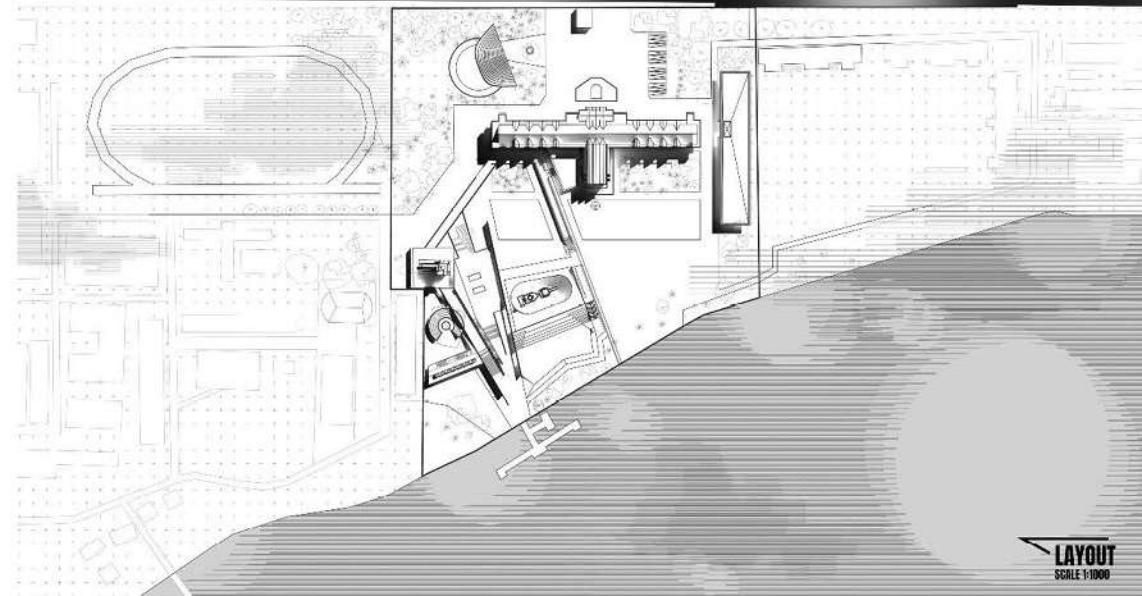
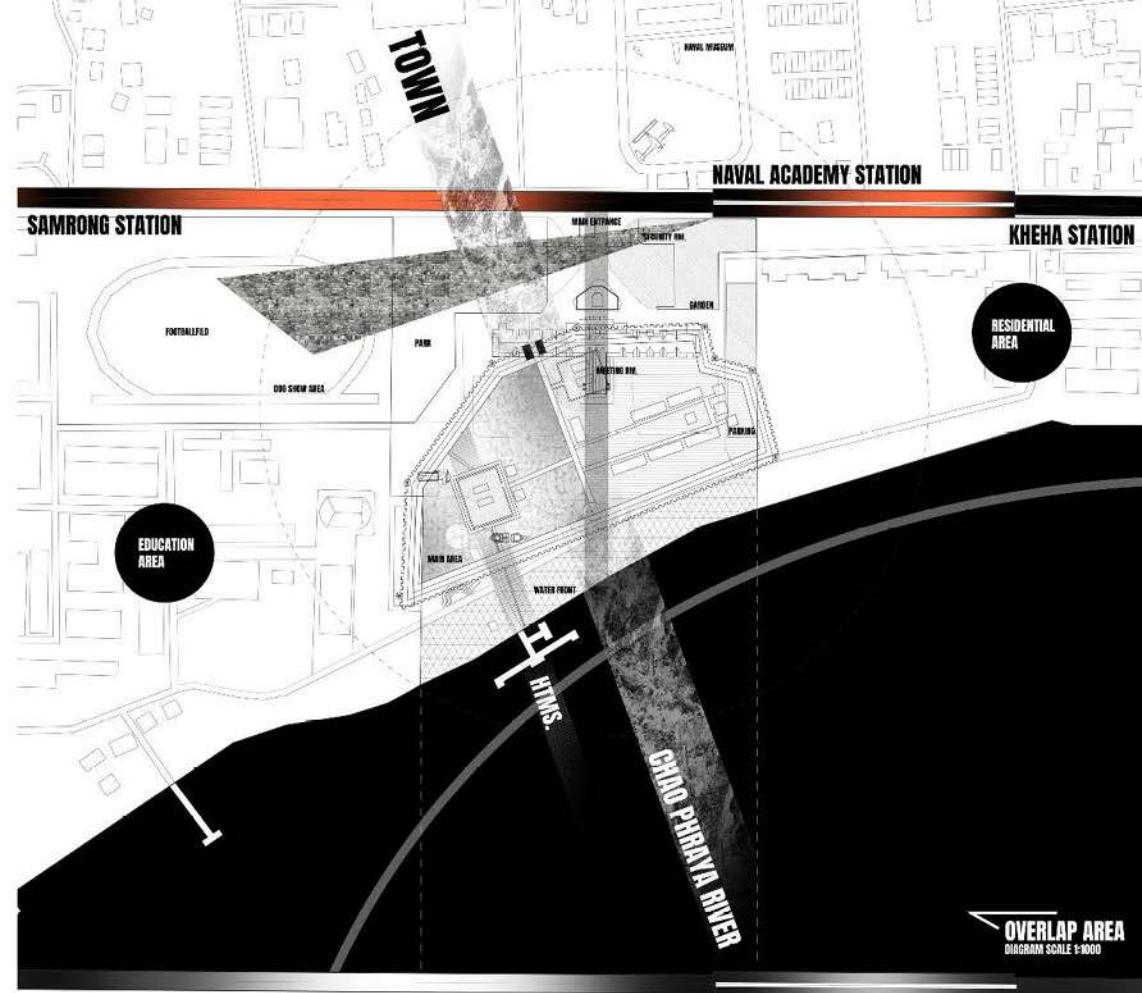
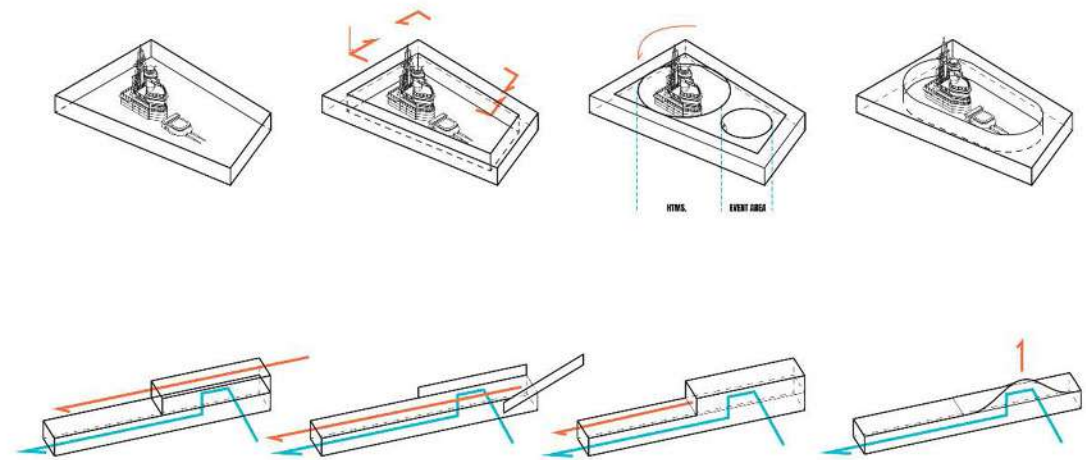
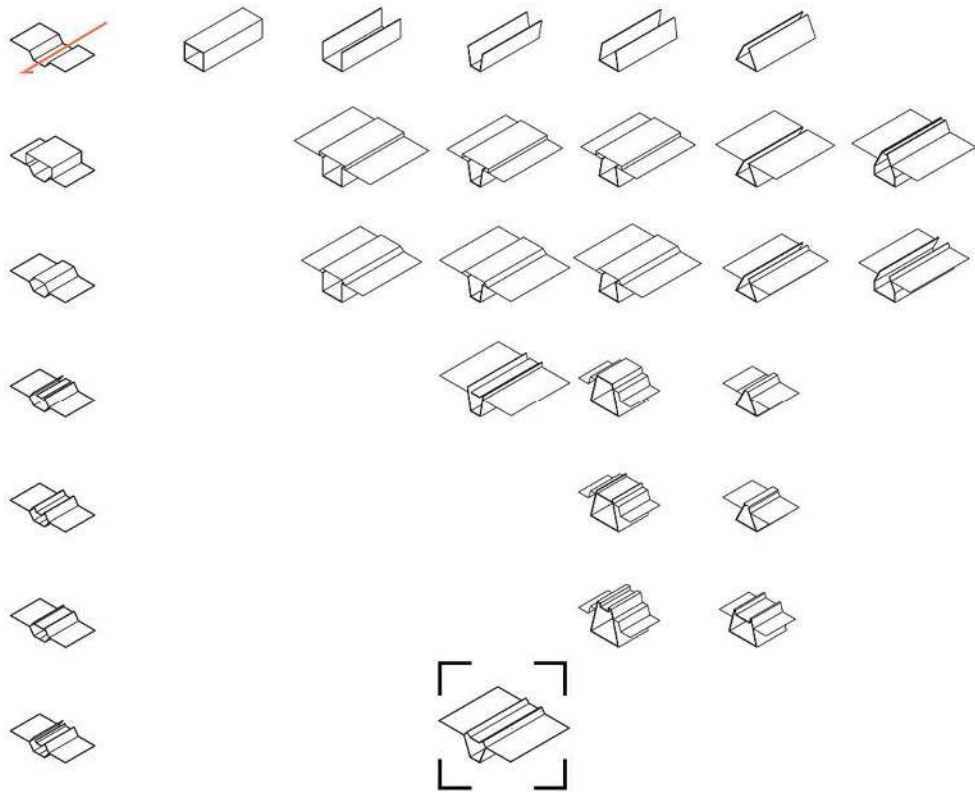


Diagram show about Landuse in the past and present that overlay into the project , show by layout.



Develope contents space on
criteria :

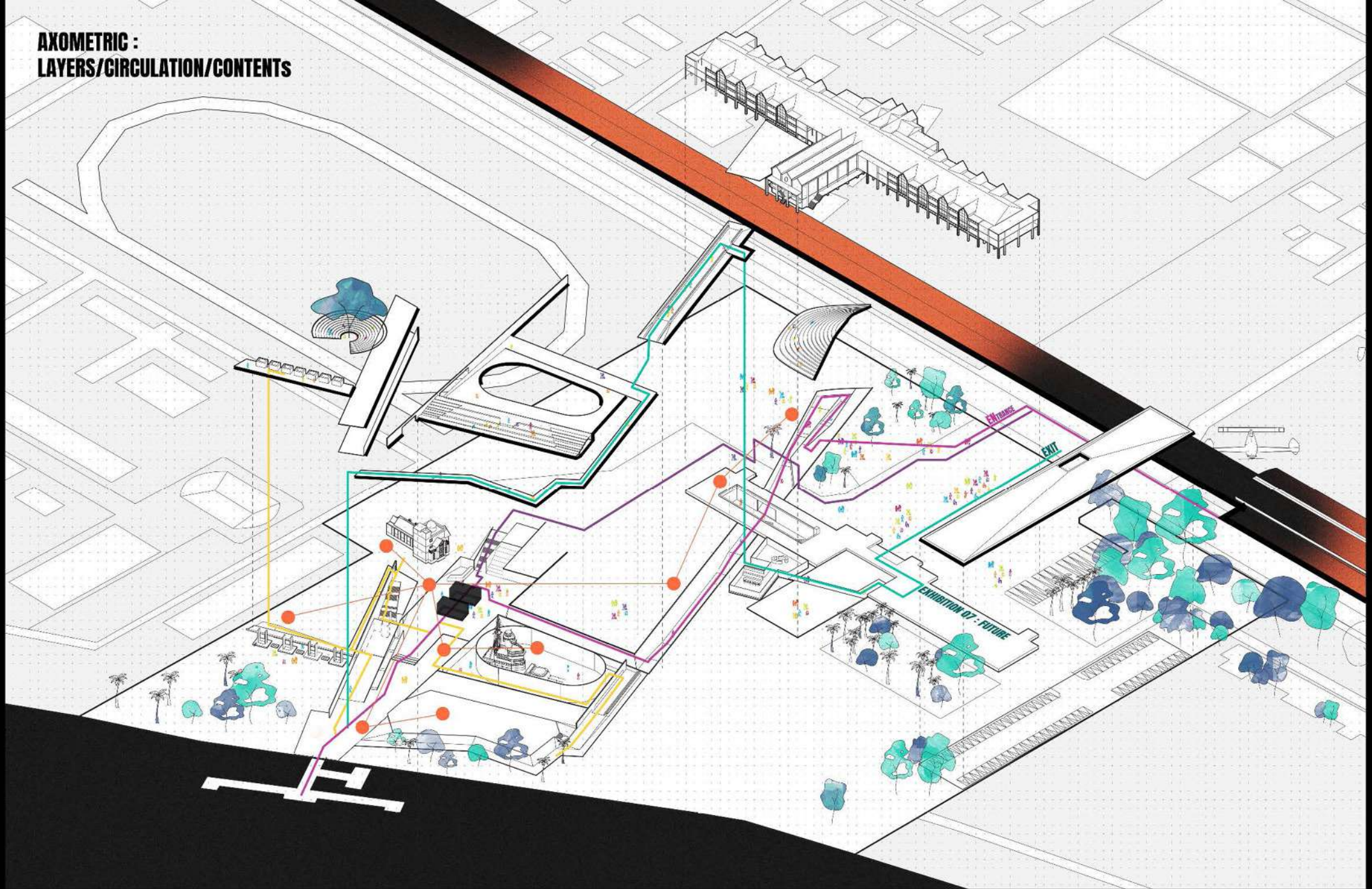
- Historical area/form
- Shade
- Landuse
- Light

on
Main Axis as Cover

Exhibition : HTMS.Thonburee
Room (for smooth view in the
room)

Exhibition : Intro Area/Main Axis
as shapen the land and extract it
like a welcome space.

**AXOMETRIC :
LAYERS/CIRCULATION/CONTENTS**





EXHIBITION

01

TIME-LINE HISTORICAL MAIN ACADEMY

02

HISTORICAL OF FORTRESS

03

SPI.112

04

RETRNG. THOROUGH

05

RESERVATORY

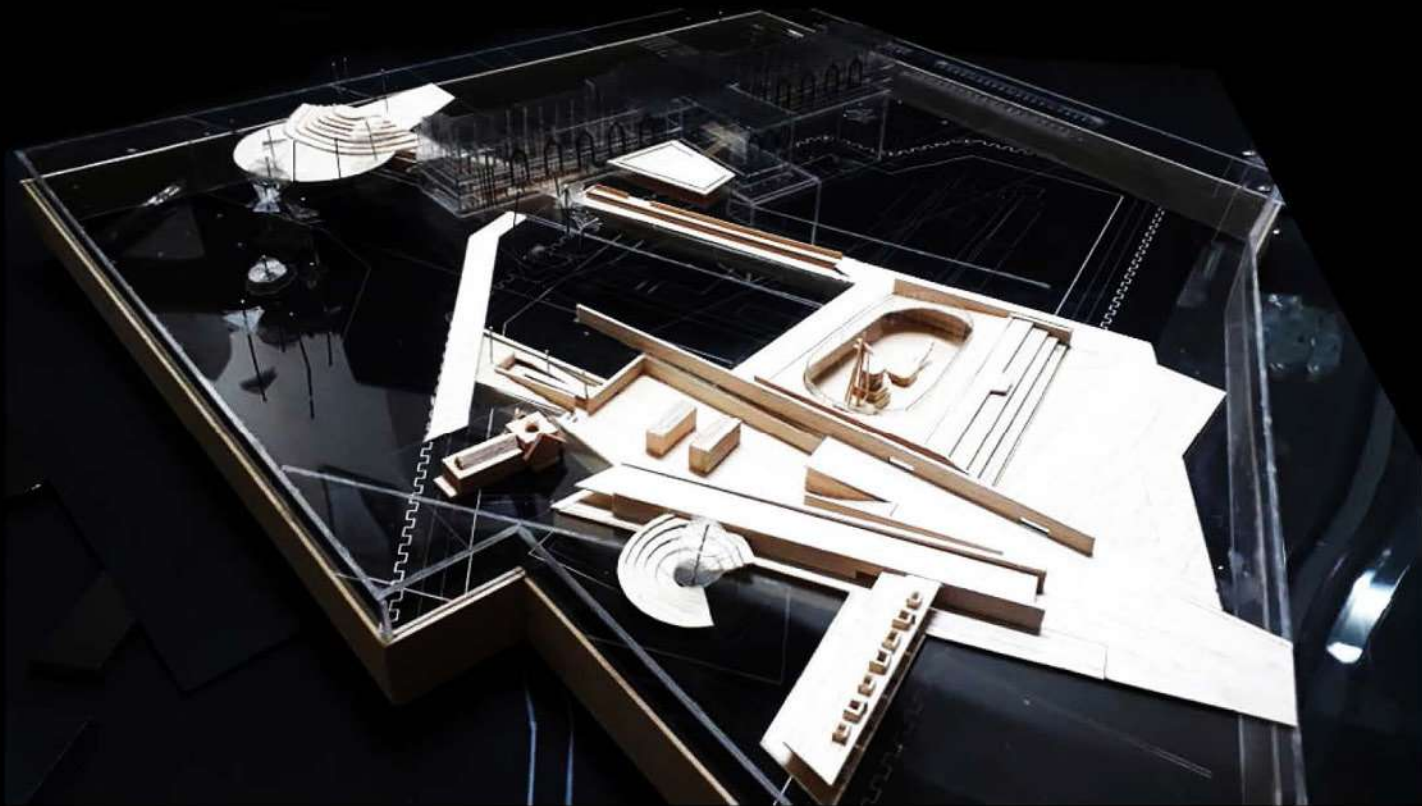
06

PAVILION

07

WATERFRONT





-Selected Projects.

-Thesis

-Work Experience.

: Internship at

Jun Sekino Architect and Interior Design.

: A.P.Y.Studio

: B-Side

-Workshop and Contest

Internship at Junsekino Architect and Interior Design.

Project : Baan 115

: Baan Din Dang

: Baan 62

: Baanrangnam

: MTL-Facade

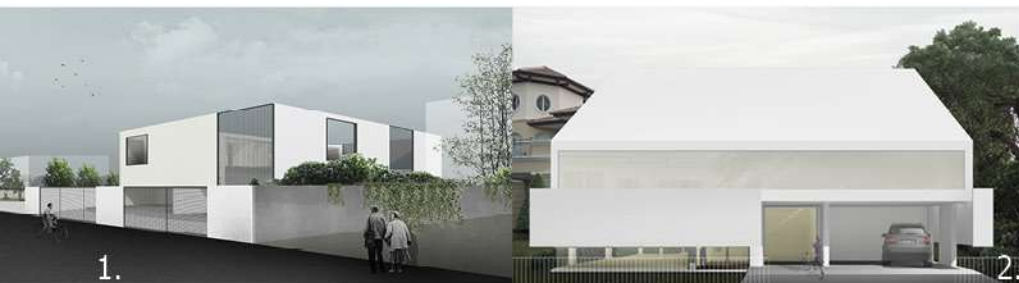
: Saimai II

: Rupu

: Tare

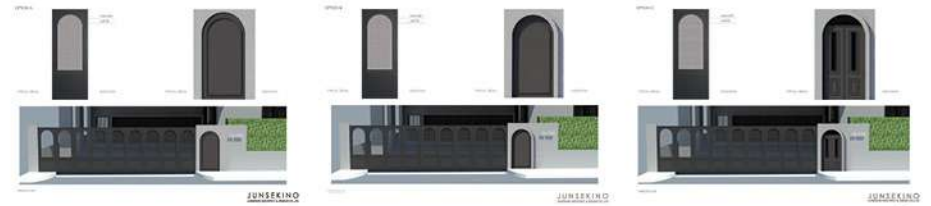
Tools

SketchUp/Vray



1.

2.



3.

1. Baan62;Perspective for Design Develope

2.Rupu;Perspective for Design Develope .

3.Tare;Options for Detail Design.

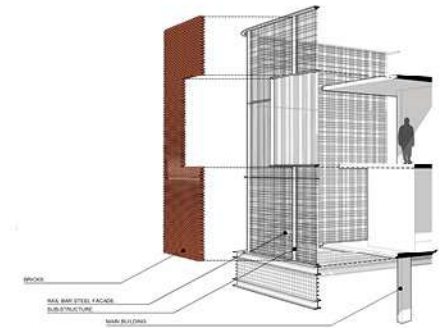
4.MTL-Facade;Process of Brick's Facade system.

5.Baan62;Model for Final Presentation.

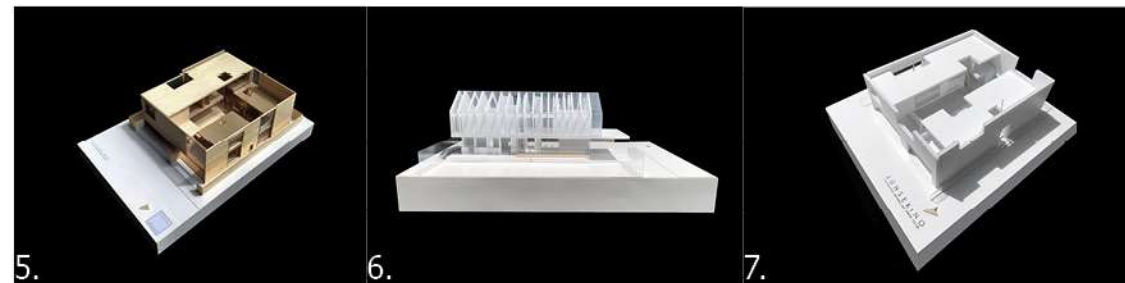
6.Saimai II;Study model for Design develope.

7.Baan Din Dang;Study model for Design develope.

8.Baan115;Study model and presentation for Design develope.



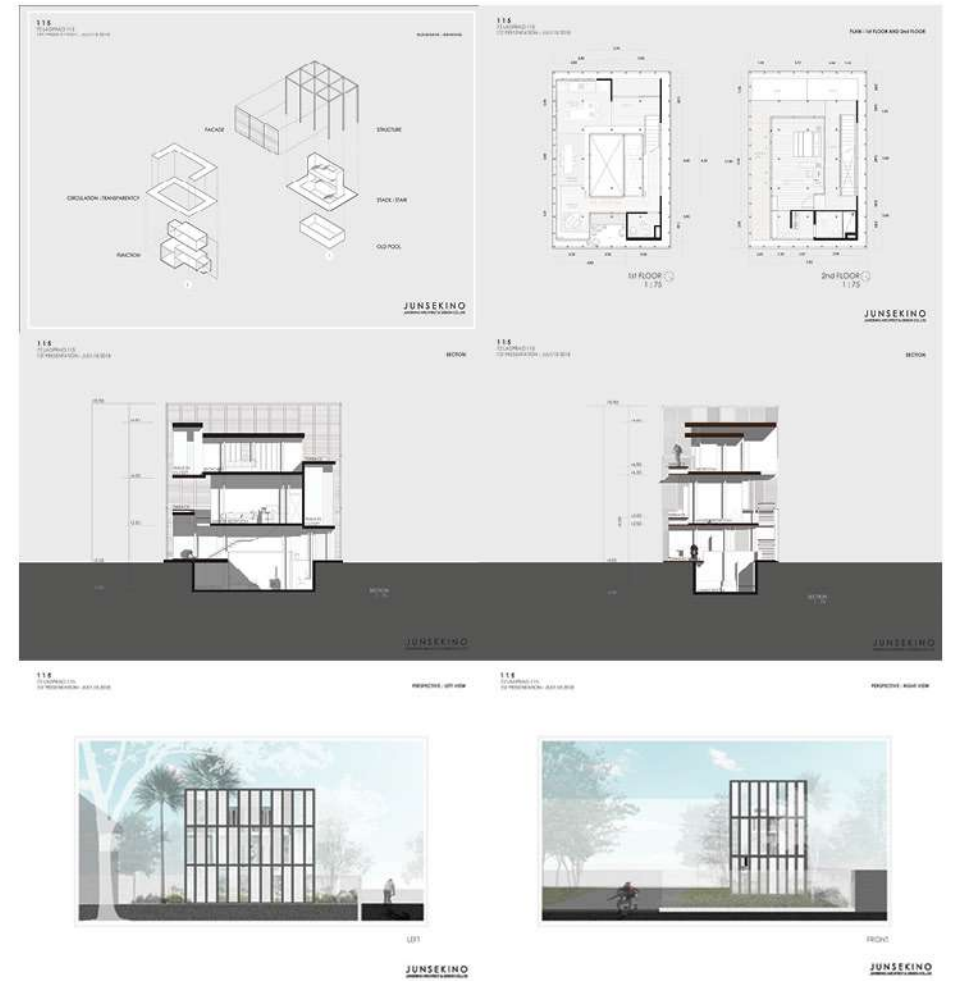
4.



5.

6.

7.



Work at

A.P.Y.Studio in position Junior Architect.

Project :House.

:Baan Kong Jiam

Tools

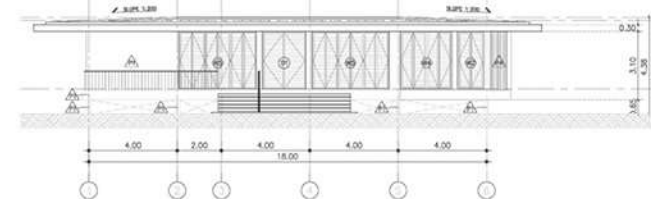
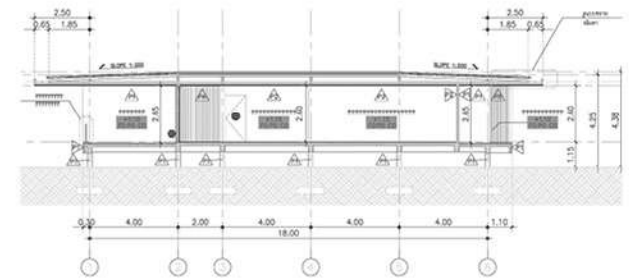
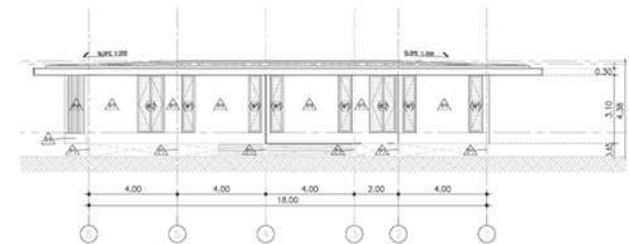
AutoCad

SketchUp

Rhino

Photophop

Illustrator



Work at

B-Side. in position Architect.

Project : Kite Museum.

Tools

Hand Sketch

Revit (Model and Animation:SolarStudy)

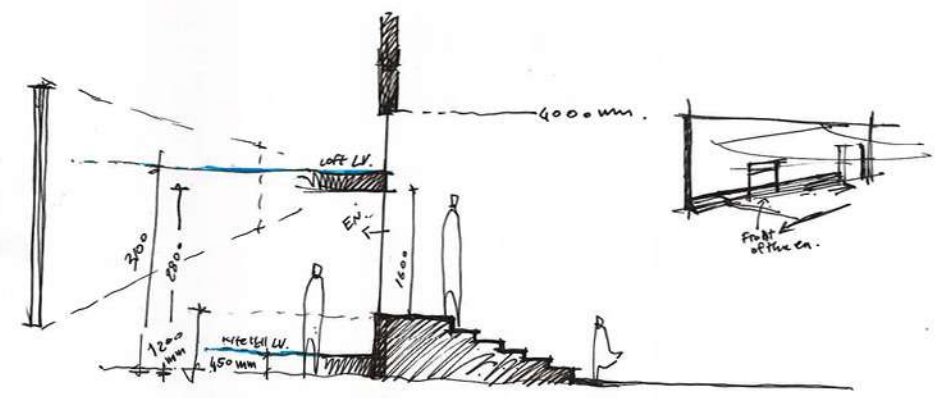
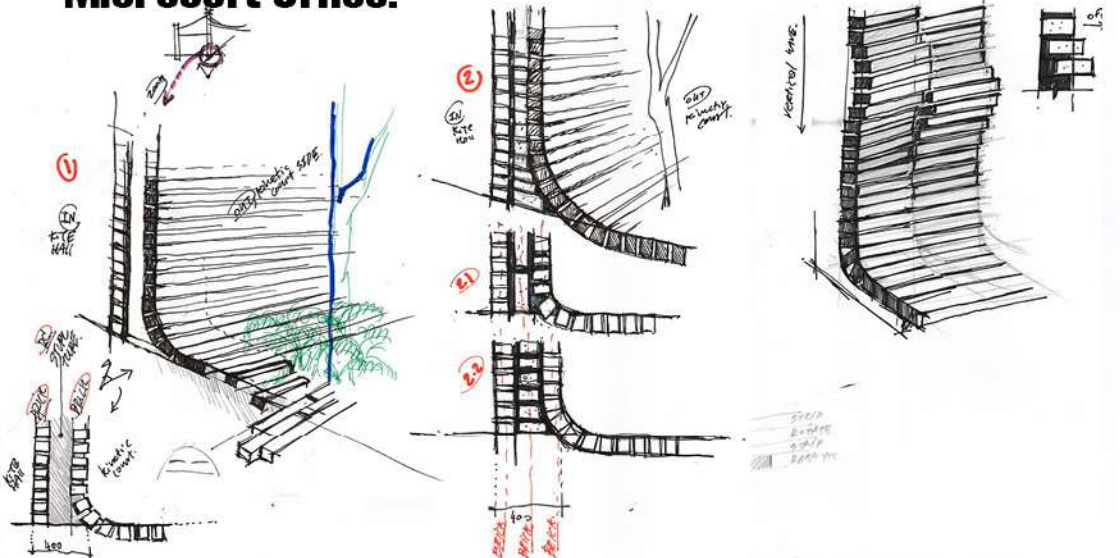
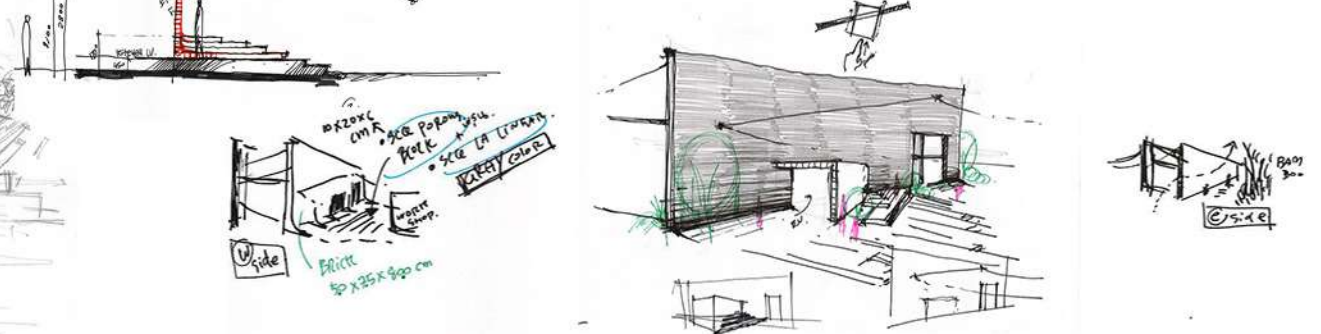
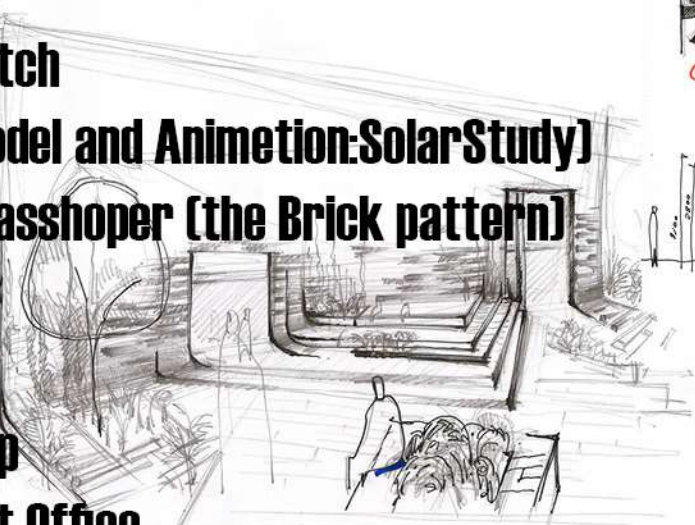
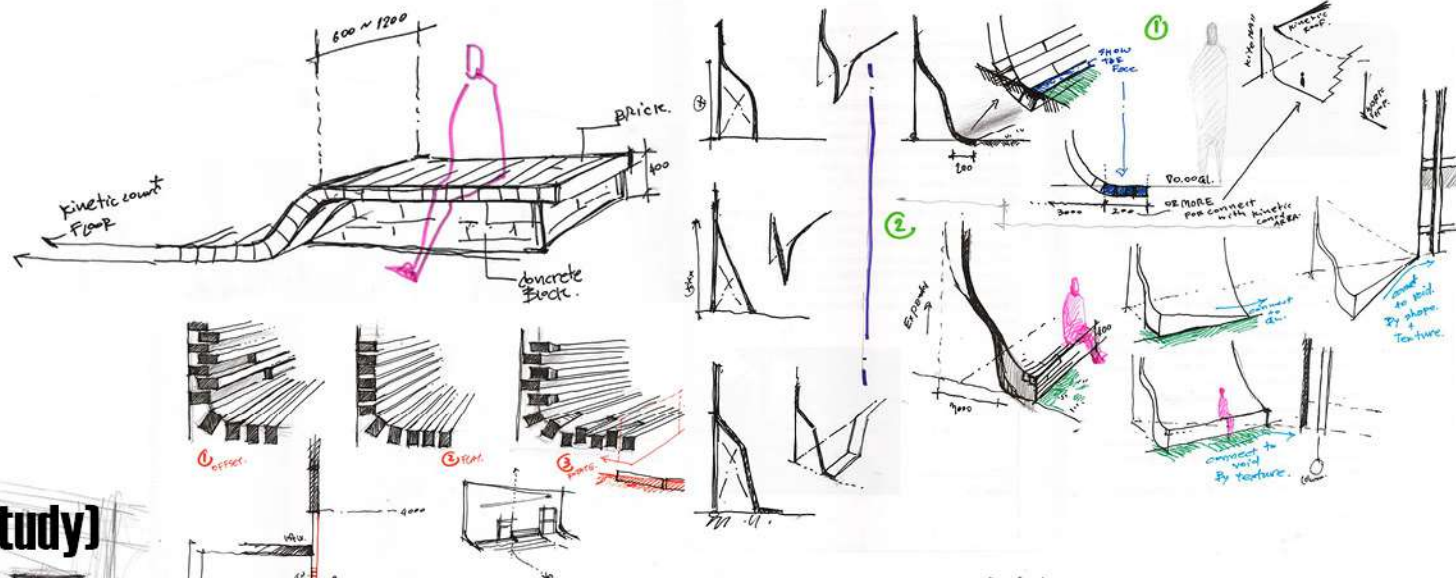
Rhino+Grasshoper (the Brick pattern)

AutoCAD

Enscape

Photoshop

Microsoft Office.

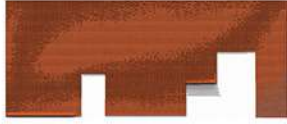


The sketch Idea for Kite Museum and Kinetic courd.

KIND OF BRICK - KINETIC COURT / KITE HALL
CASE 01



KIND OF BRICK - KINETIC COURT / KITE HALL
CASE 02

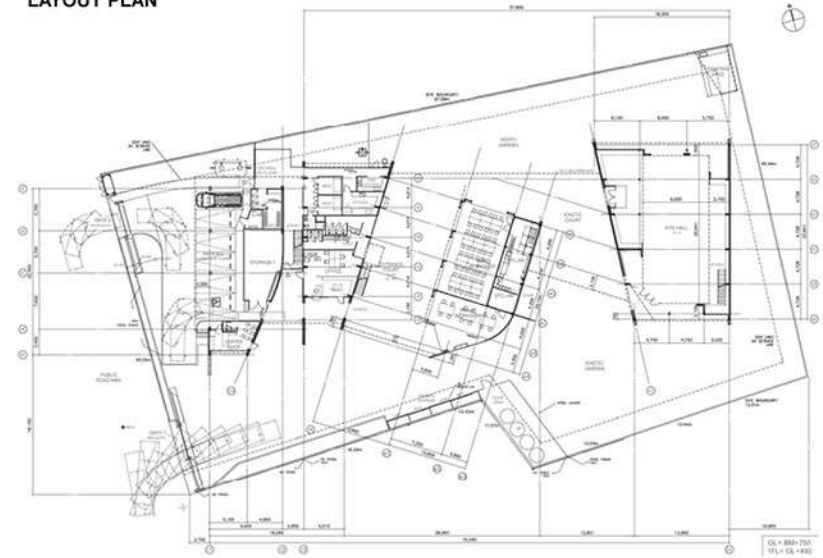


KIND OF BRICK - KINETIC COURT / KITE HALL
CASE 03



The options of pattern The Brick 's facade.

LAYOUT PLAN



Layout plan.

BRICK WALL / KINETIC COURT

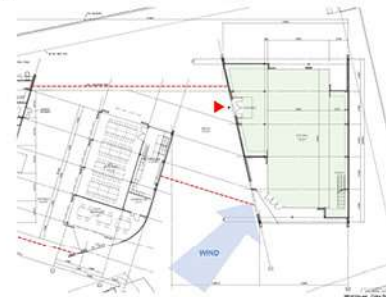


BRICK WALL / KINETIC COURT

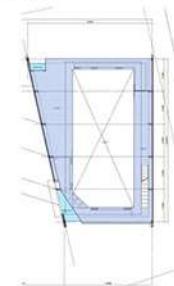


The Perspective of Kite museum.

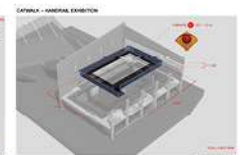
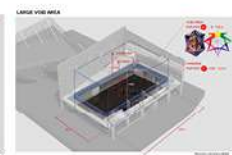
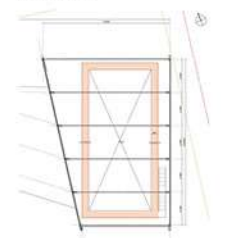
1F PLAN



LOFT PLAN



CATWALK PLAN



The Presentation of kite museum.

Material	Brick			Brick			Brick			Block	
Type Code in Summary	S10			S11			S14			B1	
Image											
Size H x D x L (mm)	50	100	200	50	100	200	50	100	200	60	100
Supplier	Indusg2003			Indusg2003			Indusg2003			SCG	
Product Code	201141142			221141116			303-F011216			Lagna The Mudge	
Composant										Clipped Stone + H	
Cost (THB/Piece)	4.7			7.2			3.5			15.0	
Unit Cost (THB/10cm3)	4.7			7.2			3.5			12.5	
Specific Weight (g/cm ³)	1.36			1.84			1.76			1.85	
Total Date	23/10/2020			27/10/2020			27/10/2020			24/11/20	
	Weight (g)	W. Diff. for Evch(g)	Total W. Diff(g)	Water absorptio n rate (%)	Weight (g)	W. Diff. for Evch(g)	Total W. Diff(g)	Water absorptio n rate (%)	Weight (g)	W. Diff. for Evch(g)	Water absorptio n rate (%)
0	1360	0	0	0.0	1841	0	0	0.0	1755	0	0
15 min	1464	104	104	7.6	1892	41	41	2.2	1806	51	51
30 min	1430	34	138	10.1	1895	13	54	2.3	1821	15	66
45 min	1521	23	161	11.8	1911	16	70	3.8	1837	16	82
1 hr	1543	183	22	13.5	1923	62	82	4.5	1847	92	92
1 hr 15min	1564	21	204	15.0	1943	20	102	5.5	1856	3	101
1 hr 30min	1591	17	221	16.3	1952	9	111	6.0	1866	10	111
1 hr 45min	1596	15	236	17.4	1963	11	122	6.6	1875	9	120
2 hr	1610	67	14	18.4	1968	45	5	6.9	1882	35	7
3 hr	1646	36	286	21.0	1931	23	150	8.1	1911	29	156
4 hr	1653	7	293	21.5	2015	24	174	9.5	1928	17	173
5 hr	1655	2	295	21.7	2034	19	193	10.5	1951	23	196
6 hr	1659	4	299	22.0	2046	12	205	11.1	1965	14	210
6 hr 30min	1660	1	300	22.1	2050	4	209	11.4	1968	3	213
7 hr	1660	1	300	22.1	2054	-	-	-	-	-	-
8 hr	-	-	-	-	-	-	-	-	-	-	-
9 hr	-	-	-	-	-	-	-	-	-	-	-
24 hr = 1 day	1719	59	359	26.4	2060	10	219	11.3	1974	6	219
1 day drying near window inside	1563	-150	209	15.4							2244
2 day drying near window inside									1031	-143	76
3 day drying near window inside					1929	-131	98	4.8			
4 day drying near window inside	1373	-196	13	1.0							2227
5 day drying near window inside	1376	3	16	1.2					1772	-59	17
6 day drying near window inside	1404	28	44	3.2	1841	-88	0	0.0	1763	-9	8

Excle's file showing the information of the brick adsorption and evaporation.

Study the brick's Experiment by test the Brick's adsorptions with Brick in same condition for looking the timing and weight of the brick wall's structure that adsorption and evaporation by itself.

SOUTH SIDE

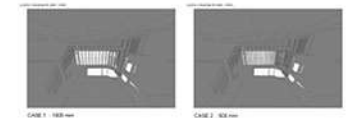
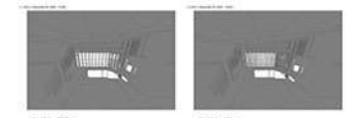
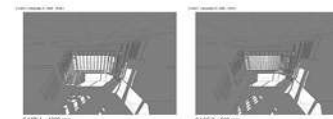
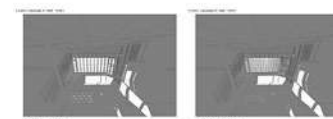
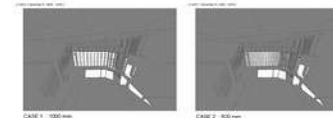
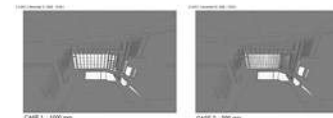
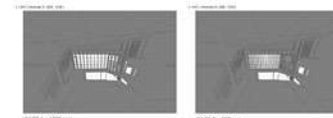
CASE 1 : 100 mm
RITCH
HORIZONTAL : 800 mm
VERTICAL : 1000mm
Depth of water
Horizontal: 500
Vertical: 500
21 NOV (11)
12:00-17:00

CASE 2 : 500 mm
RITCH
HORIZONTAL : 800 mm
VERTICAL : 1000mm
Depth of water
Horizontal: 500
Vertical: 500
21 NOV (11)
12:00-17:00

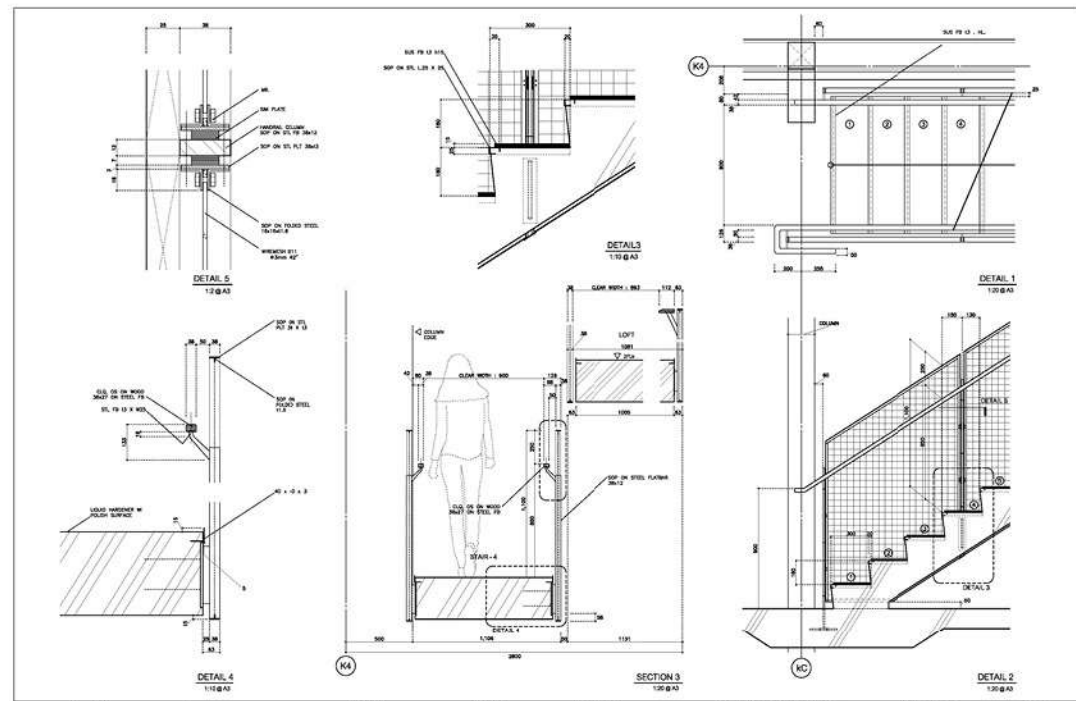
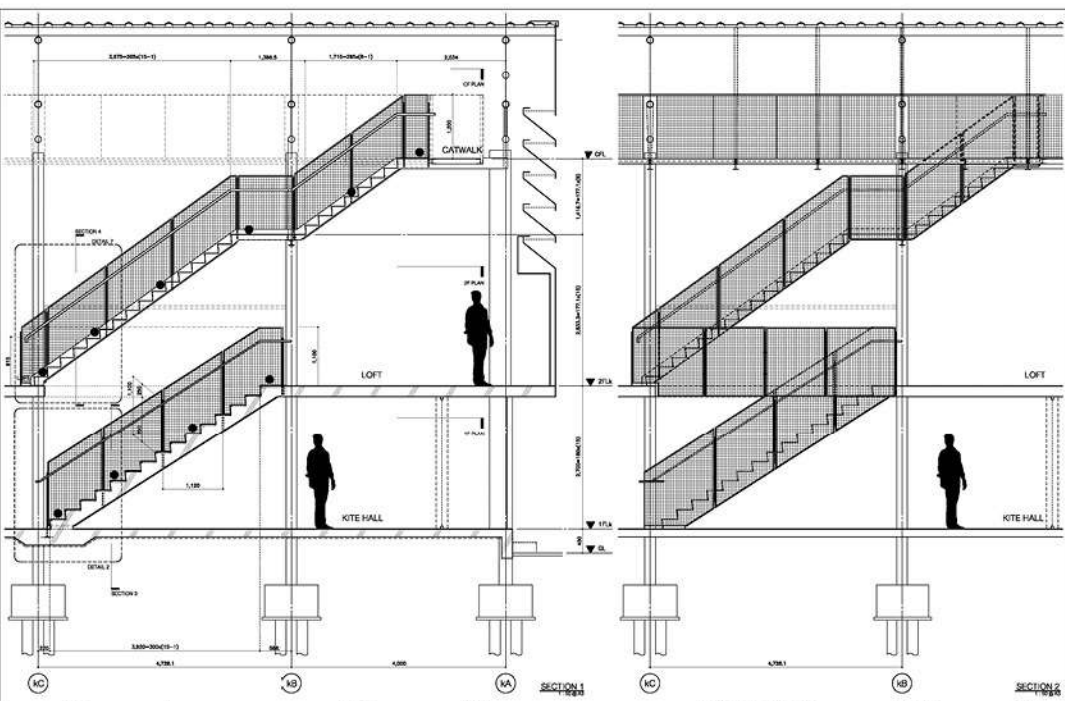
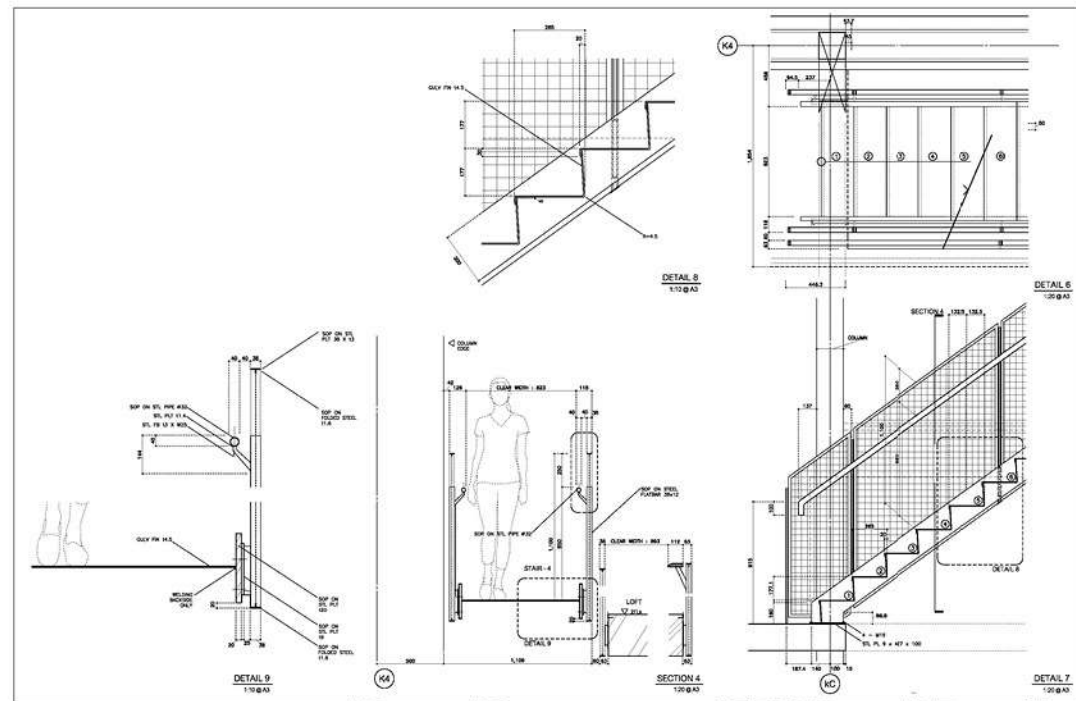
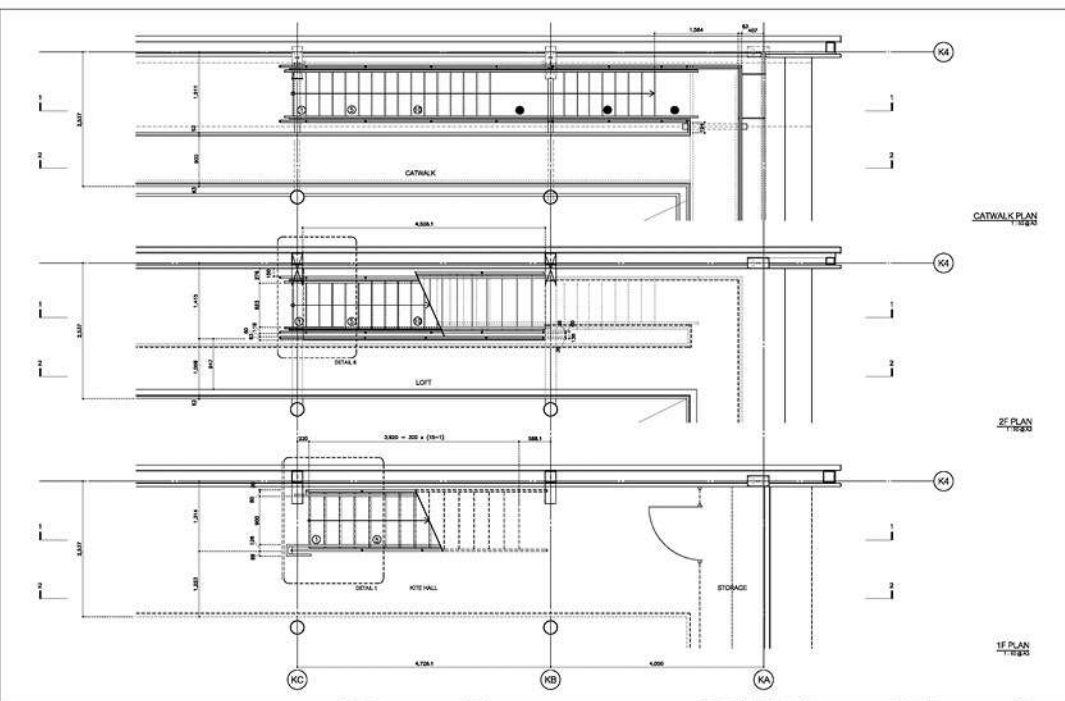
SOUTH SIDE

RITCH
HORIZONTAL : 800 mm
VERTICAL : 1000mm
1 DEC (11)
12:00-17:00

RITCH
HORIZONTAL : 800 mm
VERTICAL : 1000mm
1 DEC (11)
12:00-17:00



Solar Study for find the best condition can protect the direct sunlight hitting on the side of facade.



-Selected Projects.

-Thesis

-Work Experience.

-Workshop and Contest

: ASA-CAN 2016 (Propopsal:Urban design)

: ASA-CAN 2017 (Propopsal:Urban design)

: Cafe Amazon Contest (Architect and Interior)

ASA-CAN Workshop 2016: "Place-Making: Living with Water", with Prof. Na-beel Hamdi

Re-Thinking and develop around Klong Bang Luang Community for good community development in Economic, Community and Environment. Klong Bang Luang Community have a many problems in themselves and Klong Bang Luang Community have a good things on site. Such as historical of community, many culture and activity. we propose this proposal about we make the installation art for linkage a culture node by another node for tourism be awer of site story.



"The Flower Lab" โฉมเดียวคนรุ่นใหม่หวังชมชีวิตปากคลองตลาด - bectero.tv

กลุ่มสถาปนิกสยาม และเหล่านักศึกษา ร่วมมือภาคสำคัญในการดึงจุดนักท่องเที่ยว อย่างเสน่ห์ของพื้นที่ 'ปากคลองตลาด' ออกมา... TVBECTERO.COM



"Pak Klong make Pak Klong" - We use a basket from Pak Klong to make boundary of Lab space.

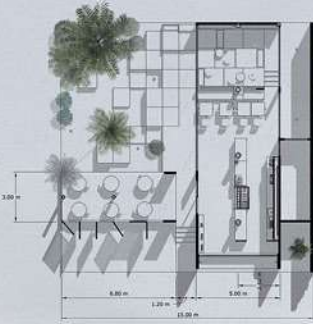
ASA-CAN Annual Workshop 2017 : Pak Klong Talad With Creative Crews and Tidtang Studio

Since The government have to Social order at Pak Klong Market, Everything has change. The first are Economic system, Community in market, Social ect. This proposal propose about an activity base on 'Sense Of Place' in Pak Klong Market into 'THE FLOWER LAB'. The Flower Lab is a place for experiment everything from flower into something are good things. The Flower Lab make an activity with outsider and insider together to make the Pak Klong market

Amazon

indoor | natural ambience | outdoor

เมื่อคน ธรรมชาติ และ กาแฟกลายเป็นหนึ่งเดียวกัน

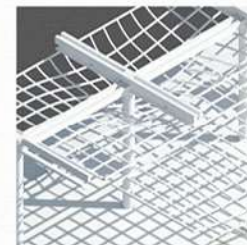


แนวความคิดในการออกแบบ



ซ่อนเร้นธรรมชาติภายใต้กำแพง

ภายใต้ฉากหลังของกำแพงนั้น ยังมี กาแฟ อเมซอน ซ่อนอยู่ ทำให้เกิดความรู้สึกลึกลับ น่าค้นหาเหมือนกับบ้านเมซอน



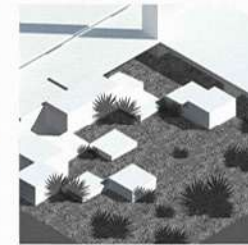
รูปทรงที่เลียนแบบธรรมชาติ

การไหลของฟ้าที่มีรูปทรงแบบ Organic Form ทำให้ถึงหมดของพื้นที่ภายใน กลายเป็นส่วนหนึ่งของธรรมชาติ



สร้างอิสระให้แก่พื้นที่สีเขียว

เพราะความแตกต่างของอุณหภูมิ ทุกราย เป็นสิ่งสำคัญ จึงทำให้พื้นที่ของ กาแฟ อเมซอน มีความแตกต่าง เพื่อตอบสนองวิถีไลฟ์สไตล์ของคนรุ่นใหม่



เมื่อทั้งสองสิ่งเป็นหนึ่งเดียวกัน

การไหลเข้าผสมผสานกันระหว่าง พื้นที่สีเขียวกับธรรมชาติ ทำให้ทั้งสองส่วนคือหนึ่งเดียวกัน

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