

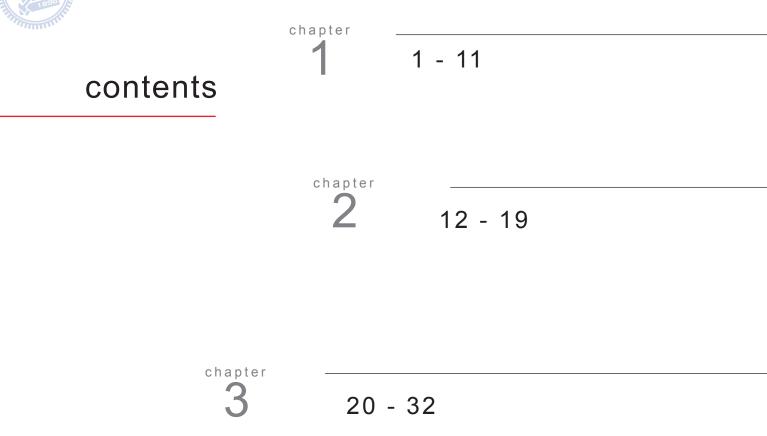
國立交通大學 建築研究所 碩士論文

小物建

#### 研究生 李中成 指導教授 張基義

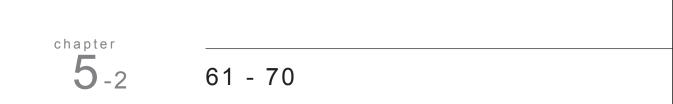
中華民國 一百年一月













### fish eye

#### temporary

recycle

campus



在學習建築的過程裡,隨著從國外 不同學校留學回來的老師的設計方 法裡,了解在不同的角度下產生完 全不同的設計思考方式。

偶爾在不同的方式下也會產生疑問 。但是每個人對建築不同的理念, 也許就如同對宗教信仰般的堅固。 我還在探索與尋找自己的信仰,在 建築設計的思考過程裡,那些不顯 著的,隱匿的,或是太平常而被人 遺忘的事或物,卻是我很感興趣的 方向。

"小物建"的小,是指那些在我們 已習慣的常態裡,不太理解的存在 。從這樣的出發點去思考建築,往 往最後所得到的結果都在預想外。 在這樣並非安全控制下的設計過程 裡,似乎能感受到出發點的小與完 成的設計中,小與大的互動不是絕 對的。



#### Abstrct

During the process of learning architecture, I find different design methods that different teachers brought from the world could lead us to completely varied unknown situation. However, people insist some kind of designing approach is as strong as some people believe in religion. I still search my direction of design. Some things that are not obviours, hidden and too common to be remembered are so interesting for me. From the micro of the usual to the macro of a building, there is still some linkage not so obsolute for me.

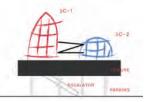


#### а m n g



The traditionnal temple in taiwan is characterized by its delicateddecoration. The colorful roof is like blossom in a city. Though these religious objects are fulled in our life space, we are still so easy to ignore these crafts. From the origin of the tradition, there could be anothe representation of the crafts we have been used to.





villa savoye

concept model

1

#### THE PROJECT

is to design a 3C(computer, communication, and comsumer electronic) shopping mall. The main idea to construct whole design is asked to start from our daily life's missing curture.



From the very beginning, the decoration in the roof for me is like a garden. The varied curved porcelains pasting in roof seem to be a vividness of grey city. The linkage between the oringinal model and corbusier's villa savoye is quite straight. To open the lower floor as a public squae and to make the building identified is the main concept.

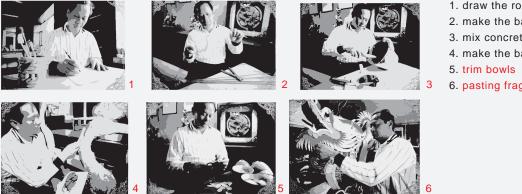


Mozaic is a common crafts in the west. It is basically placed in a flat way. Opposite to that, traditional Taiwan's temples's "mozaic" on the roof are made in a 3-D's consideration.



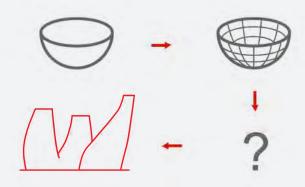






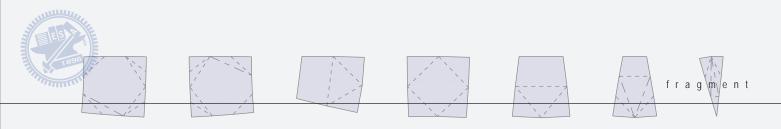
1. draw the rough sketch 2. make the basic wired form

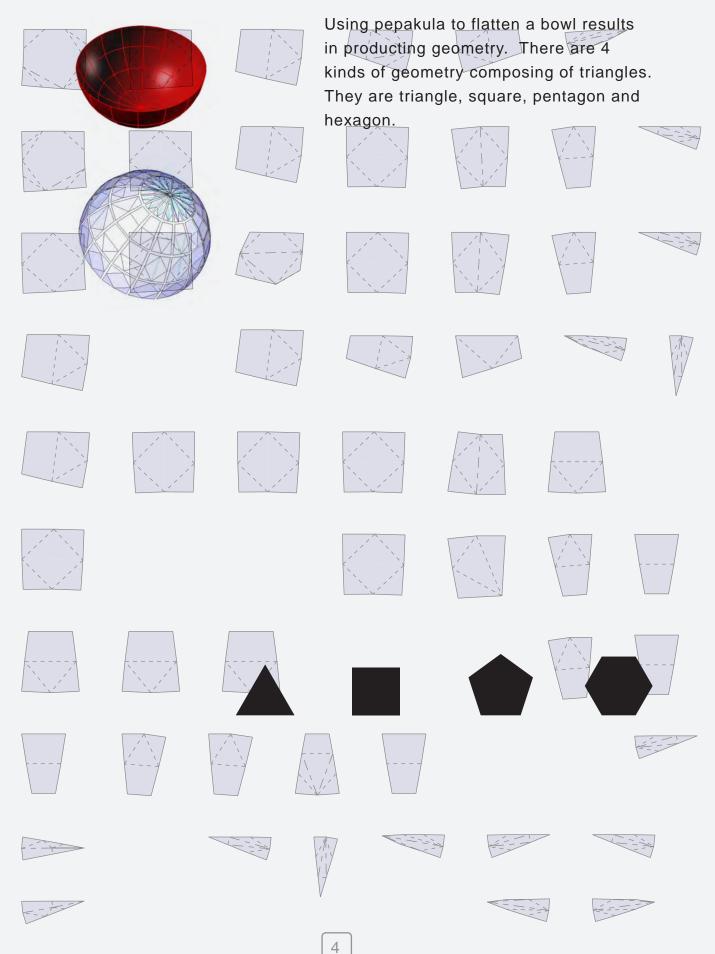
- 3. mix concrete evenly
- 4. make the basic form
- 6. pasting fragments of bowls



The "trim & past" is a kind of traditional crafts that mainly symbolize religious or culture value. And the art displays like a 3-D story board on temples' roof. This art consists of fragments of bowls. So, the 3-C shopping mall's design concept departs from "fragments of bowls".



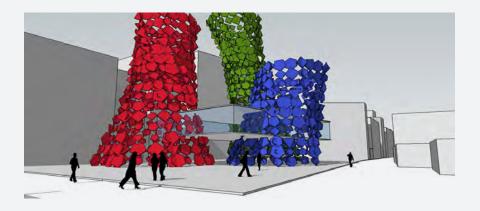








The character of "trim & paste" is the composition of fragments of bowls. To deal with transformation of skin set the first step to arrange the fragments randomly around the 3 towers.



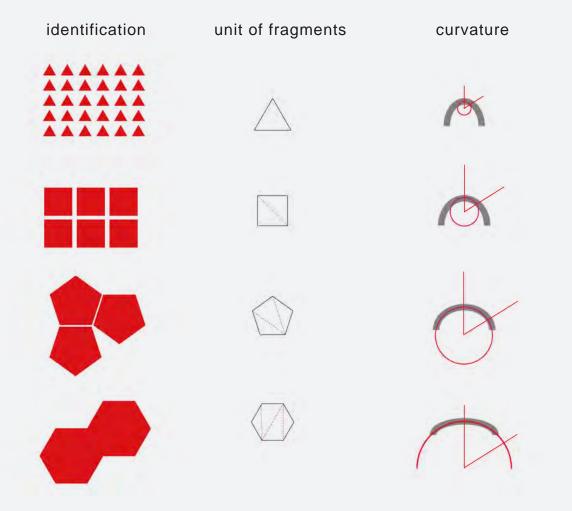
#### SITE

M.R.T LINE

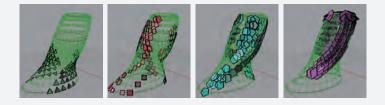
The site is nearby the M.R.T line of downtown, and people crowd there. Besides putting 3 towers for the identification of 3-C shopping mall, to open the site's one corner near main road can absord more crowd to stay or even go ininside.



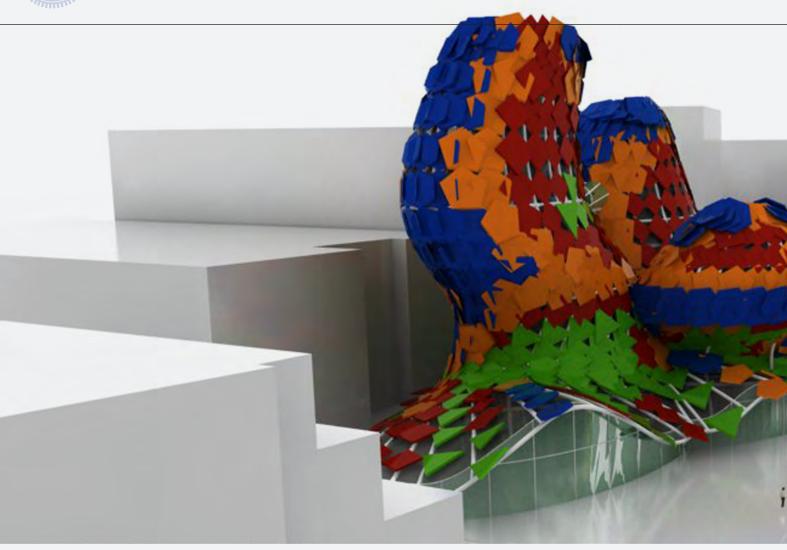
#### SKIN 2



From the observation of "trim & paste", the larger fragments will be pasted on the side of larger curvature. According to that, I used the soft of grasshopper to arrange fragments by 4 kinds of curvature.

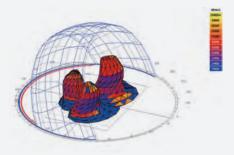




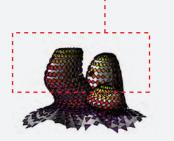


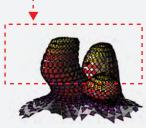
#### **OUTSIDE THE SKIN**

Besides curvature, skin can be a media to reflect the same atribute during different time.



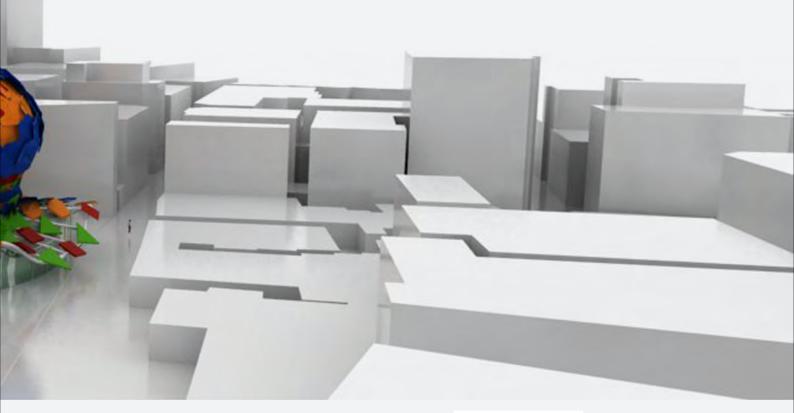
ANNUAL SOLAR RADIANT





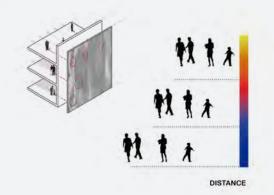




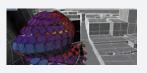


#### INTSIDE THE SKIN

INSIDE RADIANT SHOWS ON SKIN





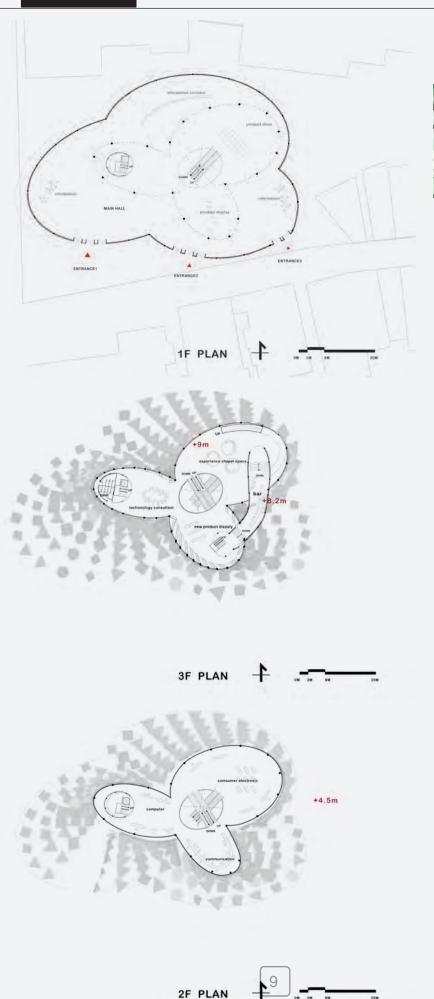




NIGHT VIEW



PLAN



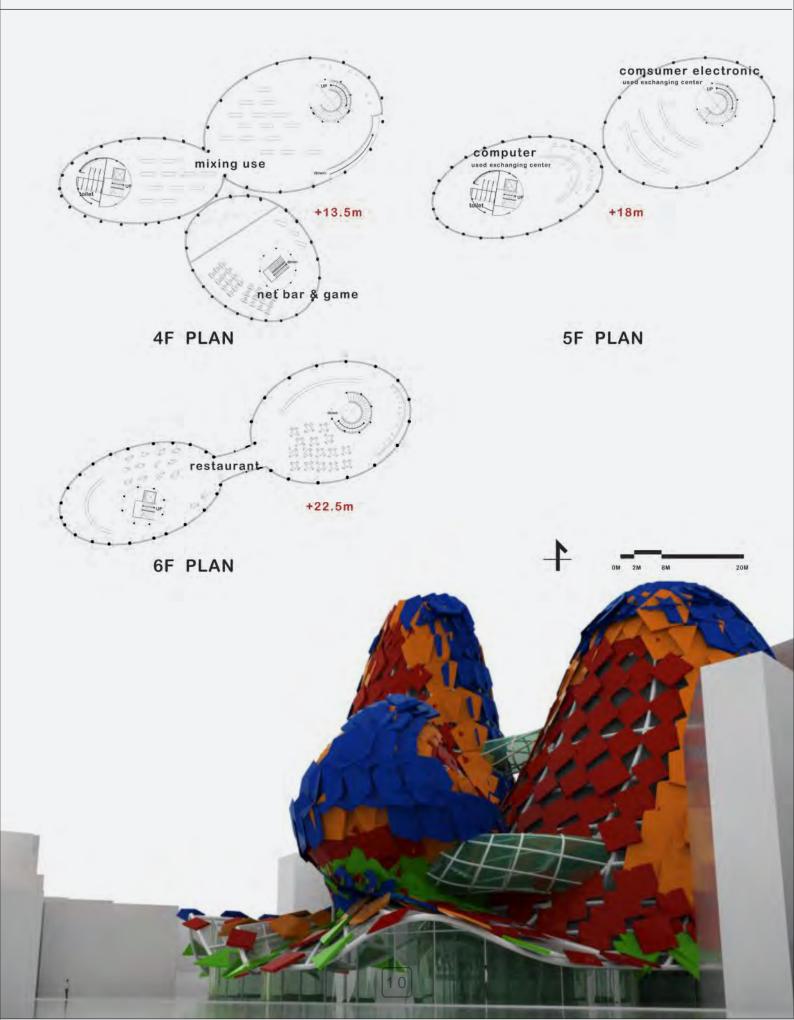
2F PLAN



ENTRANCE'S VIEW

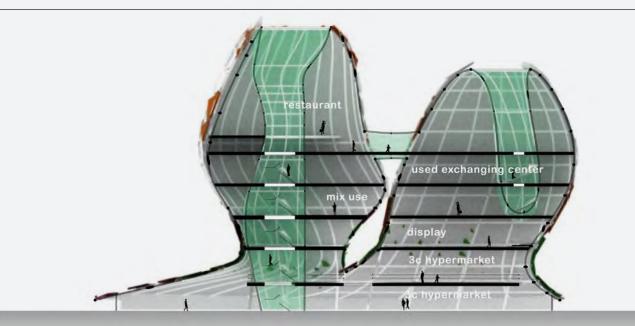


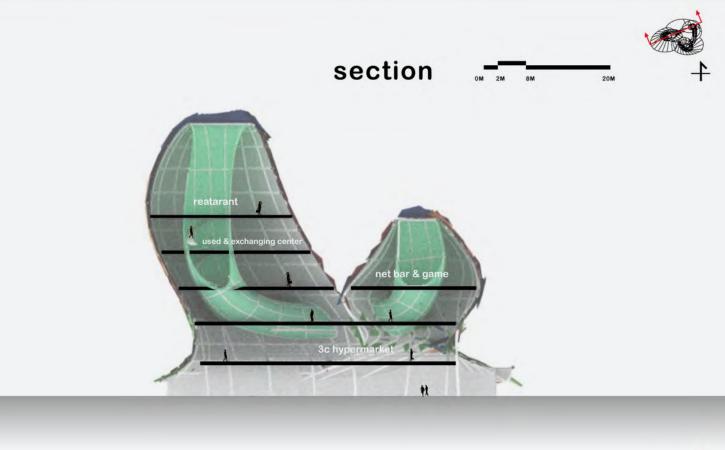






fragment



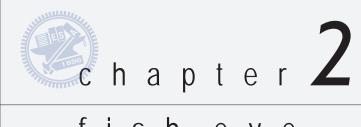




8M

2M

section



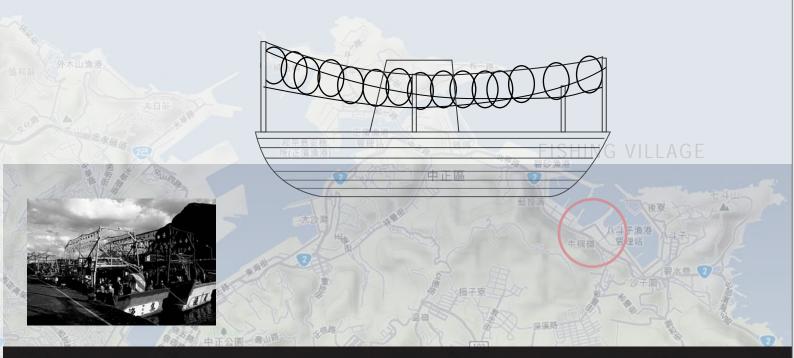
## fish eye



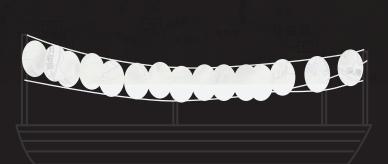
An unpredicted journey leaded me to a unknown place I have never been before. Finding the existence of another kind of daily life unleash a different view point of what I am used to.

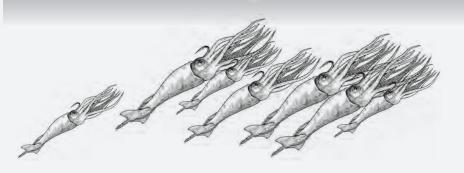
#### JOURNEY

Before the design, an unpredicted journey was assigned. I found an unknown fishing village in the end of my journey in north-east in Taiwan.

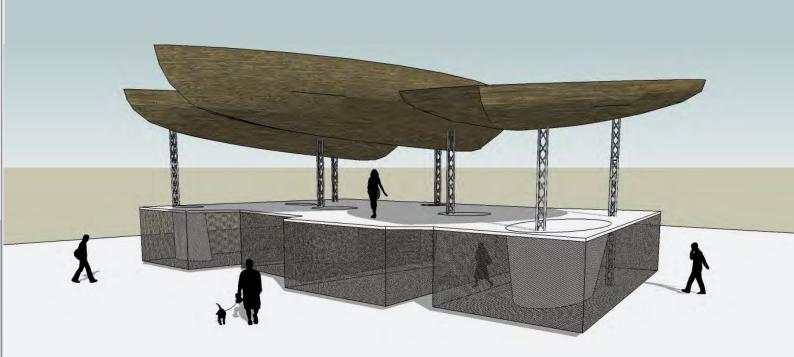


These fishing boats' main task is to fish squids. Squid will go for food at night, so these boats start thier work from night. And usually they will hang a lot of lamps to attract squids.











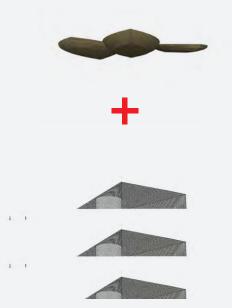
daily view



night view

#### PROJECT

The project is a small stage in Danshuei. My fishing village's experience happens to fit this town of sea shore. The motive of design was from the squid's eyes to see the boats under the sea. The reflection of light will be seen at night.



I.

i.

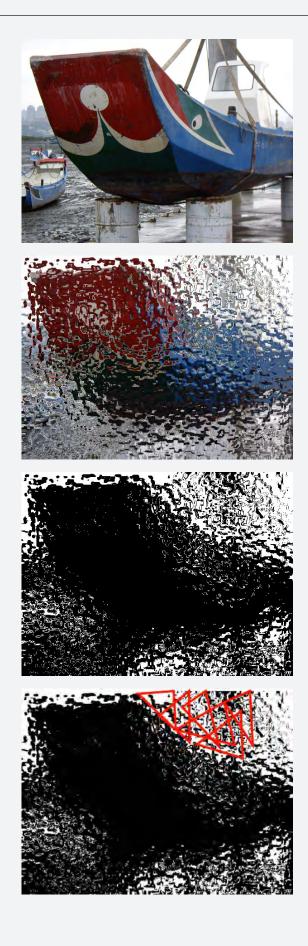
14



#### FISH EYES

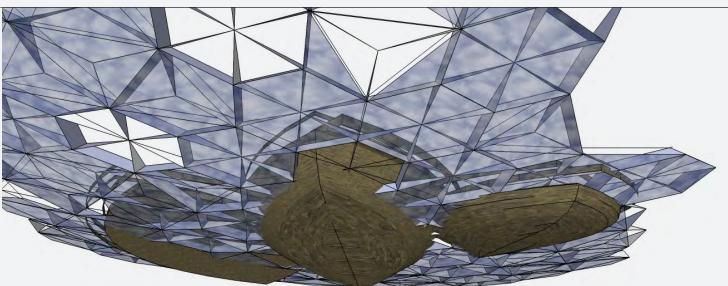
However, if people were like squids, we should see a surface of sea between a boat. Then, the next step is to make the boat-like stage "float" in the sea. Because of the sea floating, the upper scene through the surface would look like being teard into pieces.

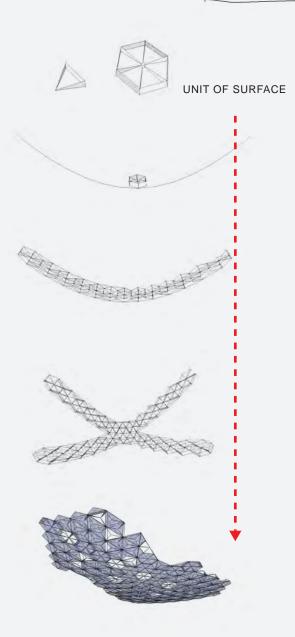






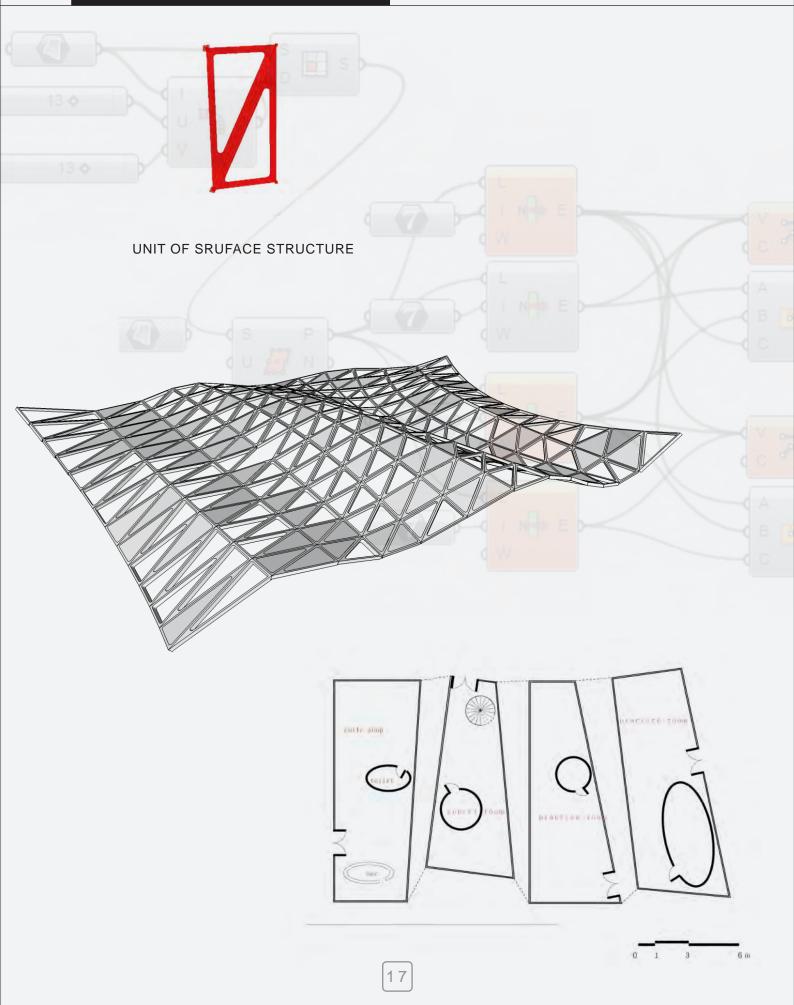
fish eye



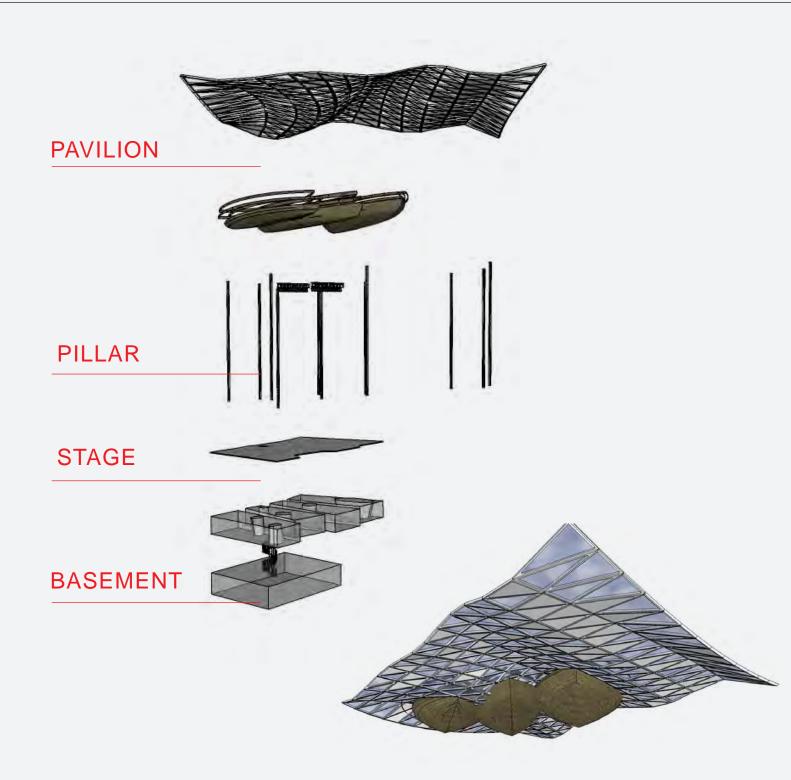




### SURFACE REDEFINE





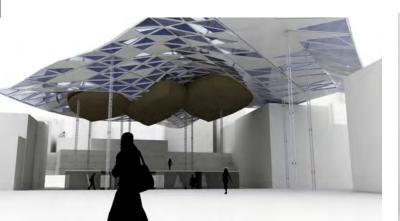


To simulate the floating of sea, I tried to make the pavilion surface more undulated, and some of the pavilion's units are transparent and some are not. That makes people walking under the pavilion feel like walking under the water.



#### SITE

The site faces a grassland across a main road and have a good view to the Danshuei river. The pavillion will stretch across the road to offer audience or pedestrians a shelter from rain or sun light.



GRASSLAND





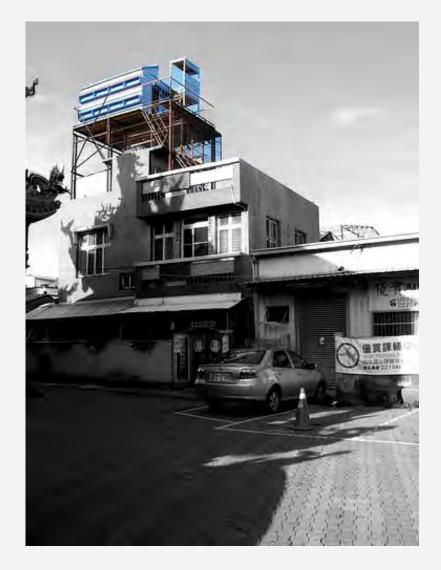


FRONT VIEW
EAST SIDE VIEW
NIGHT VIEW



# chapter **3**

#### temporary



THERE IS ANOTHER LAYER ABOVE US IN TAIWAN.WE ARE SUROUNDED BY THESE THIN, ILLEGAL AND OCCUPIED TEMPORARY CONSTRUCTION.IT'S TOO NORMAL FOR US TO CAHANGE THE"THIN".