Observation

A System Before Space Strategy

Maybe it is possible to have a system before space strategy. By practicing and organizing my projects in graduate school, I start to discover one thing: even though I use different space strategy for different project, they still have some similar thing that I can organize them together. It is an idea for us to think: maybe it is possible to develop a project with a different technique.

Le Corbusier has developed a space system called "Les 5 points D'une Architecture Nouvelle" as a typical system of Modernism in early days. He used this system to operate architecture design, each project has similar space system, but they will be different because of the site and users. About ten years later, some opponents say that we should not have united space system for all project, the form of space system will appear it own. Following by this concept, architects start to abandon a united space system; the space system is followed by site and program and is known as "space strategy". Architects developed a mounts of space strategies in recent years, they are really good and useful; however, another problem start to appear: after all these rich studies, the possibility is less than before, architects start to use similar space strategies to operate
their architecture design; in academics, they try to develop new space strategy but every space strategy is too specific that they have to give lots of efforts to develop a space strategy which is only for one project. When architects face a short period of time to develop a project, also budget is a problem they concern, space strategy becomes difficult to deep the possibility.

Sou Fujimoto is an architect who has similar thought. The book “Primitive Future” he published mentions about Geometry is still a thing architecture based on. So in his book, he uses around eight to ten prototypes as “space system”; then according to different projects, each project has different space strategy to operate the architecture design. But the space strategy is followed by the “space system”.

So, I start to think that maybe we can have a space system before space strategy. This step can let architects “accumulate” their own space strategies. Several space strategies could be followed by a space system; architect
System
Branches of Enclosure

When people start to "enclose" an area, the "space" is appealing. And we say, the space will grow and grow by multiple space tactics. As to the phenomenon, "Branches of Enclosure" is a title of these projects. Each project has its own space strategy to perform the "Branches".
Geek's life style is the culture referring to Taiwanese Otaku. The space they live and work are all in-doors. So we use the enclosure first, then it can fold parts of it to create mass and linkage to let the project fit on the site and create some mechanisms.
Perfil de un otaku

No es que se haya dejado el pelo largo, es que caída no ha dado cuenta, ya estaba así.

Otras de pasta o con la monda pellada.
La tendencia es a corta y cocida.

Mochila. Inexplicable para cargar material y tener las manos libres.

Camisa de manga corta sobre camisa de manga larga. Abróchada hasta el cuello y media en el pantalón.

Cazadoras

P cleared:
Ya organigado al cinturón y se usa para guardar el nivel.

Pantalon chino.
Cómodo y funcional.

Calzado deportivo.
Apto para salir de compras.

Nombre común: Denso otaku (dedos)
Nombre científico: Homo fumicamilo
Hábitat: Surro de Asashima (Tokio)
NCTU is a campus with intelligent knowledge and people. There are lots of forums and discussions; and, people always develop new ideas day by day. But in this campus, their activities are hidden behind the walls, and parking spaces, facilities are positioned alongside living area. In student life, they have to get along with outdoor unit of air-conditioner, facilities for research... etc.

So, I want to say that living space and facility space should be separated into two parts that student could have better space quality and could get information, discuss new things, exchange different knowledge easily to change their behaviors; meanwhile, facility system could be integrated together to be an one system that works and fixes efficiently.

In fact, this imagination is just what we called “Otaku”. In Taiwan, Otaku culture means “Geek”, people work and live indoors but with intelligent abilities. They discuss things together, like many clubs indoors; information is easily shared and connected as well. So people can decide what they want to do by analysing informations. And the space works like a house, there are lots of facilities behind the wall to support the living area.

This is the concept of “In-Campus” project.
Site Analysis
Pedestrian Texture  Building with Activity  Walking Area  Car Parking
Possible Link for Bike  Opportunity Point  Possible Link  Territory

Pedestrian
1. Current Texture
2. Opportunity of Lake
3. Life Function Area
A. Link Close Area

Bike
B. Link along Dormitory, Gymnasium & Restaurant

Spot
D. Cover Car Parking
E. Link from Dorm to Entrance
Open the Close Spaces
Link from Library to Student Center
F. Ameliorate the Level Difference

Drainage
5. Disordered Drainage
Site Analysis

Site Area

Section
Space Strategy
Space Practice

- Continuity
- Similar Height
- Enclose
Information Effect

Drainage Effect
Show the activities in closed buildings

Show the amount of parking spaces

Show the temperatures from outdoors to indoors

Show the activities in the city

Integrated Drainage System

Show and calculate the network on the amount of flow
Theme Space Research
+ Theme Space Research
+ Theme Space Research
Observing temporary using situation in Taiwan, I found that the type that temporary building often contain some important facilities inside the building, and the façade as an interface can add spaces or cut off spaces for different uses. Thus, I use an enclosure as an interface which holds important activity inside, and then depending on different uses, it can add or cut spaces as branches.
In the practice, according to the image of Taiwan contemporary architecture, I discover a space relationship that outside form not always reflects inside situation. This space relationship interests me a lot, to more detail things: I find that space will extend by some requiring needs, both outside & inside. And when they meet together, there will be an intersection, which could be a window or a connection.

My house: I imagine that I will be very busy after five years later, so an effective space may be needed. Regarding to this requirement, I find five most often used spaces in my daily life; respecting the space relationship I studied before, I put them in the center of my house, and let the rest spaces surrounded the core.

As a result of the practice, I try to challenge the current paradigm, the outside space doesn't have to follow the inside function anymore.
Strategy 2
C-channel House
About the future use:
I will be very busy five years later; what I need is an efficient space which enhance the living and working speed.
1. BED

a. 床
b. 床底置物櫃
c. 小夜燈
d. 置物小台几
e. 音響
f. 遠端控制器
g. 腳踏墊
h. 衛生紙
i. 抹鞋放置處
j. 書櫃
k. 起床保暖的衣服
l. CD櫃
m. 防潮箱
n. 私人紀念用品盒

2. WASHBASIN & TOILET

a. 洗手台
b. 毛巾架
c. 洗手乳台
d. 洗臉毛巾架
e. 置物架：洗面乳、牙膏、牙刷、漱口杯、髮蠟、刮鬍刀
f. 衛生紙架
g. 馬桶
h. 衛生紙台
i. 馬桶刷
j. 手紙小台子
k. 衛浴用具欄X2
l. 抽屜口

3. CLOTHES SHELTER

a. underweAR
b. bath towel, towel
c. bed sheet
d. sheeting, quilt
ex. slippers
f. T-shirt, shirt
g. shorts, trousers
h. socks
i. belt
j. coat
k. neckerchief
l. hat
m. gloves
n. 嬰兒衣服
o. hat
p. perfume, perfume
q. shoes
r. mirror
s. 帽子
q. 衣服掛架
u. flat iron

4. REFRIG., FOOD SHELTER & GARBAGE CAN

a. refrigeration
b. food shelter
茶包、泡麵、餅乾、生米&麵
雜物台
c. garbage can
d. note board

5. DINING TABLE

a. 可變高度的椅子
b. 餐椅抽屜：
餐盤：
碗、碟子、湯匙
喝：杯、筷子
筷子、筷子架
紙巾、紙巾筒
電磁爐
調味料：
水果、糖
雜貨
c. 防濕袋
d. 桌布

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Site Analysis
Life Style in Tienmu

Old Foreigner’s House

House with Personal Life Style

Site

Plan

Section

Sustainable Concern
+Space Strategy
Space Practice
<table>
<thead>
<tr>
<th>Principle</th>
<th>Original</th>
<th>Outside</th>
<th>Inside</th>
<th>Outside + Inside</th>
<th>When meet together, it means there is a hole</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section</td>
<td>![Section Image]</td>
<td>![Section Image]</td>
<td>![Section Image]</td>
<td>![Section Image]</td>
<td>![Section Image]</td>
<td></td>
</tr>
</tbody>
</table>
Step 1

Step 2

Step 3
Set units with axes.

Step 4
Set proper width of path between units.
+Organizing Space

Inside

Plan

Inbetween Area between 5 units

Other Functions Areas

Other Functions

Green & Water

Section

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Strategy 3
Road of Urban Economics

By the research of urban economics, we found that different activities have their own territories and edges. So we use an enclosure as a rectangle, modify it by adopting with facilities, and then the space will proliferate from the original one as branches.
+ Background & Concept
Each commercial area has its own territory, this territory reflects to the theory which is known as “market area” developed in “Urban Economics”. Artificial use has some mathematic basis that we can count precisely how large area we use for goods, and how many areas we can leave for public and pedestrian.

In the site, the problem is about the lack of public space. There are too short pavements and lots of transportation facilities. So what I try to do is to use “Urban Economics” as a method to leave more spaces for public and restrict spaces for goods.

So I develop an unit which is a rectangle and has two angles at both side. This unit can hold things about goods. I can put the first unit as the most important area; then when other units combine together, they can have in-between spaces for facilities. This system can fix the problem on the site: hold the goods and integrate facilities such as drainage. And I can create more public spaces on this road.
Road of Urban Economics
Strategy 3
Road of Urban Economics
Site Analysis

- Cinerator
- Garbage Reuse Park
- Betel-nut Vendor
- Sausage Vendor
- Car
- Factory
- MRT
- Riverside Park
- Gondola
- Zoo

Mucha
Stone Temple
Road next to Stone Temple
Shenkeng

Current Plan
Interview of surrounding vendor

Questions:
1. What is the average profit of a vendor every month?
2. Where do you live now?
3. How do you eat every day? Ordering carry-out or cooking yourself, or something else?
4. How do you go to work? By car, motor or others?
5. How long has the vendor existed?

Brothers: Mr. A  age: 40+
1. 40-50 thousand dollars.
2. Living here.
3. Ordering carry-out & cooking himself.
4. Driving a car.
5. About 20 years.

Little Peppers: Mr. C  age: 30+
1. 40-50 thousand dollars.
2. Living in Shenkeng.
3. Ordering carry-out.
4. Driving a car.
5. About 1 years.

Mr. B, Mrs. B  age: 40+
1. 30-40 thousand dollars.
2. Living here.
3. Buying food in the supermarket & cooking themselves.
4. Driving a car.
5. About 50 years.

Wenshan: Miss D  age: 20+
1. Unknown.
2. Living in Shenkeng.
4. Riding a scooter.
5. Opened today!
Because of context, they are at the same position as the theory mentioned.
Plan & Section

Spot2  Interval  10m-7m
Plan & Section

Interval 7m

Spot 4

Interval 12.5m

Spot 7
+Space
+ Competition - IAHH Student Community Design

Flow Island

Our life is located in the 4th community of a city in Taiwan. Taiwan is a place situated on the southern end of the island of Taiwan. It is a city that is known for its cultural diversity and rich history. The area is known for its beautiful beaches and vibrant culture. The city is also home to many temples and shrines that are important to the local community. The city is a cultural hub that is known for its lively nightlife and delicious food. The city is also home to many museums and art galleries that are worth visiting. The city is a great place to visit if you are interested in exploring the local culture and history.
Row Island

Community Agglomeration

When we think about sustainable communities, we think about how we should take care of people in the community. So there is an obvious advantage of the community: it improves the quality of life. A place that is connected to the community is a better place to live. A community that is connected to the community is a more efficient place to live. A community that is connected to the community is a better place to live.

And think of connection between present community and people: we understand people have some education here. They need to have a better life. Own Cottage Style, Independent Life Style.

Local Industry Types

Here is the industry: the left is "rehabilitation", the middle is "rehabilitation"). The right is "rehabilitation". The left is "rehabilitation."

The design module is according to the architectural proportions of local housing. Note the walls, planters, and fences. The design module is according to the architectural proportions of local housing. Note the walls, planters, and fences.

Micro-climate Tactics

Double Skin

Apparent Wall

Plant Filter

Small Broad Road

Paraevent building

Perimeter Micron Housing Process

Program

In Row Unit: we make the most of the space, kitchen and balcony to enjoy this community. Community Height:

In Community, we make the most of the space, balcony and balcony to enjoy this community.
Shops and social spaces are on the first floor, and the second floor has platforms where people have more opportunities to meet often in horizontal and vertical ways.

In this community space, the north side has "leaf-like" hot air vents that warm the space, which is good for the quality of the microclimate. Inside, the south side has green plants on a filter to reduce the heat, and it also has benches. On the public scale, green plants keep the air fresh. Sunlight could pass to the ground so people could move better public spaces.

About micro-climate, House city has green plants on a filter to reduce the heat, and it also has benches. On the public scale, green plants keep the air fresh. Sunlight could pass to the ground so people could move better public spaces.
+ Competition - IAHH Student Community Design

Flow Island

House Unit

Site: Resistance

Between the house units, there are some spaces taken care about micro-climate. In public spaces, they have some community program spaces with healthy micro-climates. Be aware of some spaces taken care about micro-climate.