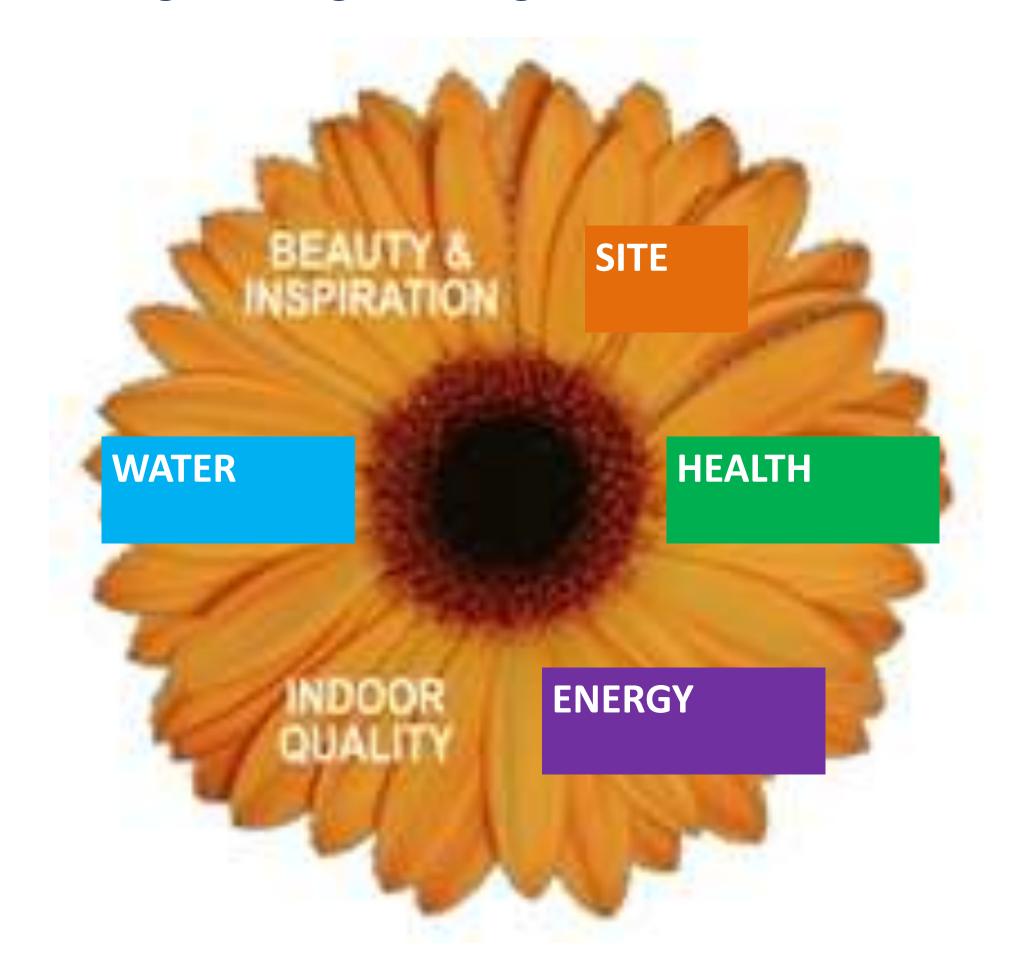


# Chongqing Jiangbeizui Financial Center No.3 重庆江北嘴金融城3号

## ■ Living Building Challenge 有生命力的建筑挑战



- -1. SITE 场地
- -2. ENERGY 能源
- -3. WATER 水
- -4. HEALTH 健康

■ Petal 1. SITE 场地



#### Chongqing Jiangbei Area Urban Planning 重庆市江北城详细规划

#### RIGIONAL DISTRIBUTION 地区化分

- BUSINESS AREA 資业用地
- BUSINESS AND OFFICE AREA 育务办公用地
- PUBLIC GREEN SPACE 会共帰地
- GREEN AREA FOR ENVIRONMENTAL PROTECTION 防骨線板
- MULTI-FUNCTIONAL AREA 综合用地
- SPORTS ACTIVITIES AREA 体育设施用地
- EDUCATIONAL AREA 学校用地
- PUBLIC SQUARE 广场用地
- HOTEL AREA 資放业用地
- PUBLIC TRANSPORTATION AREA 公共交通用地
- RESIDENTIAL AREA 展住用效

#### TRAFFIC PATTERN 交通图

- BUS STOPS 公交結点
  - JANGUNG CABLEWAY 江陵幸道
  - -- CITY PORTS 被市時失
  - THROUGH TRAFFIC 过喷交通
  - JANGBEITUNNEL 江北東道



■ Petal 1. SITE Chongqing



Petal 1. SITEChongqing

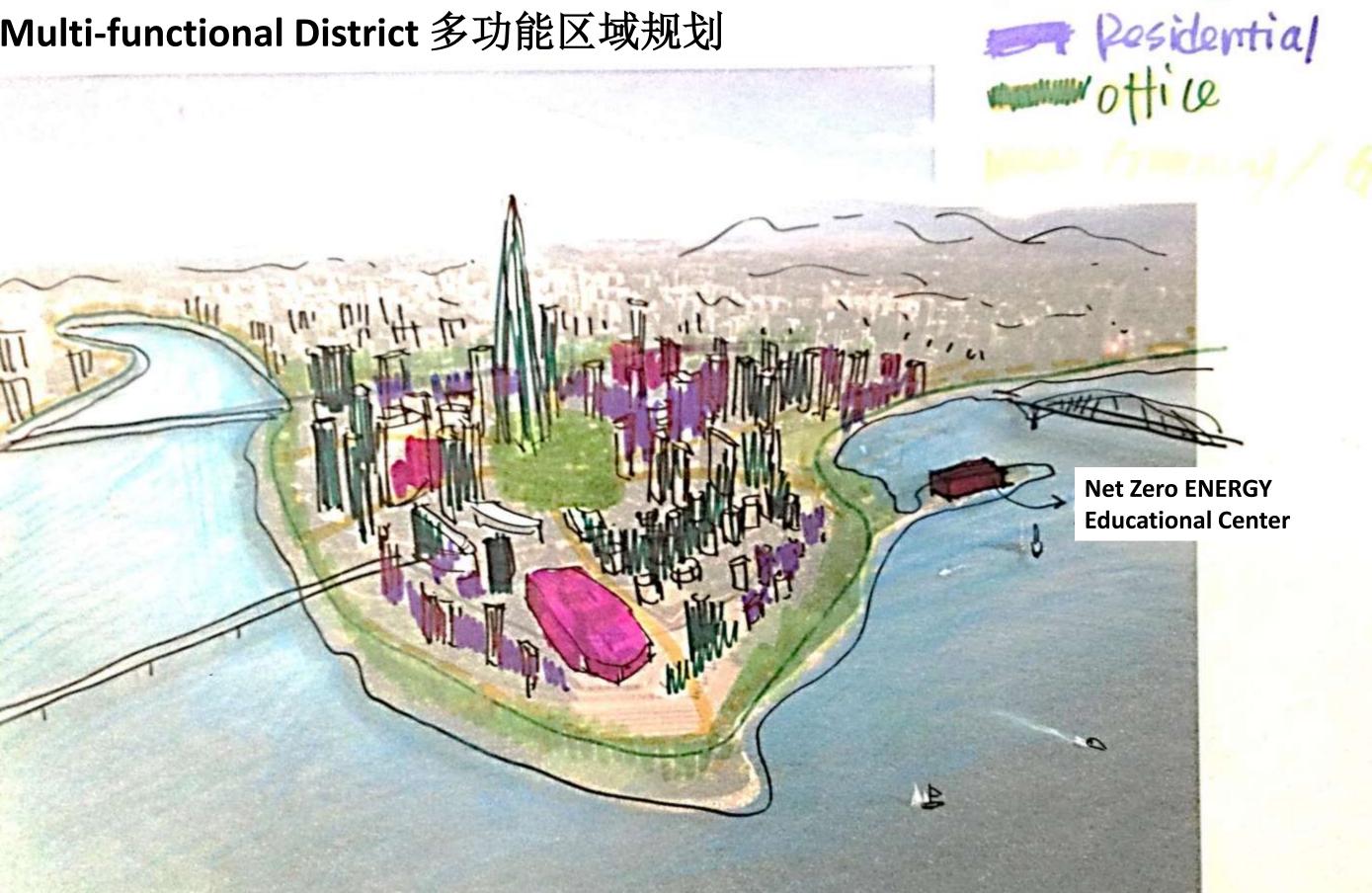




Culture

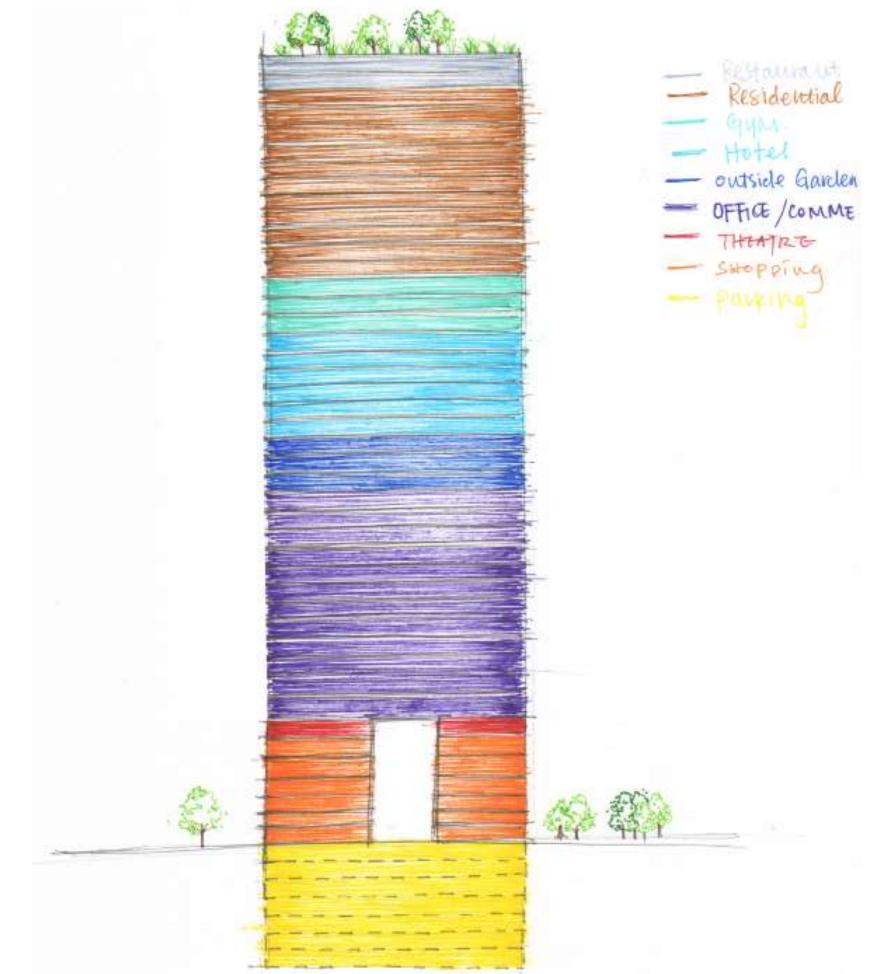
## ■ Petal 1. SITE 场地

# -Multi-functional District 多功能区域规划



■ Petal 1. SITE Chongqing

-Multi-functional District 多功能区域规划



Petal 1. SITE; Building Form



### -Current Issues 现有问题

:Window facing highways 朝向

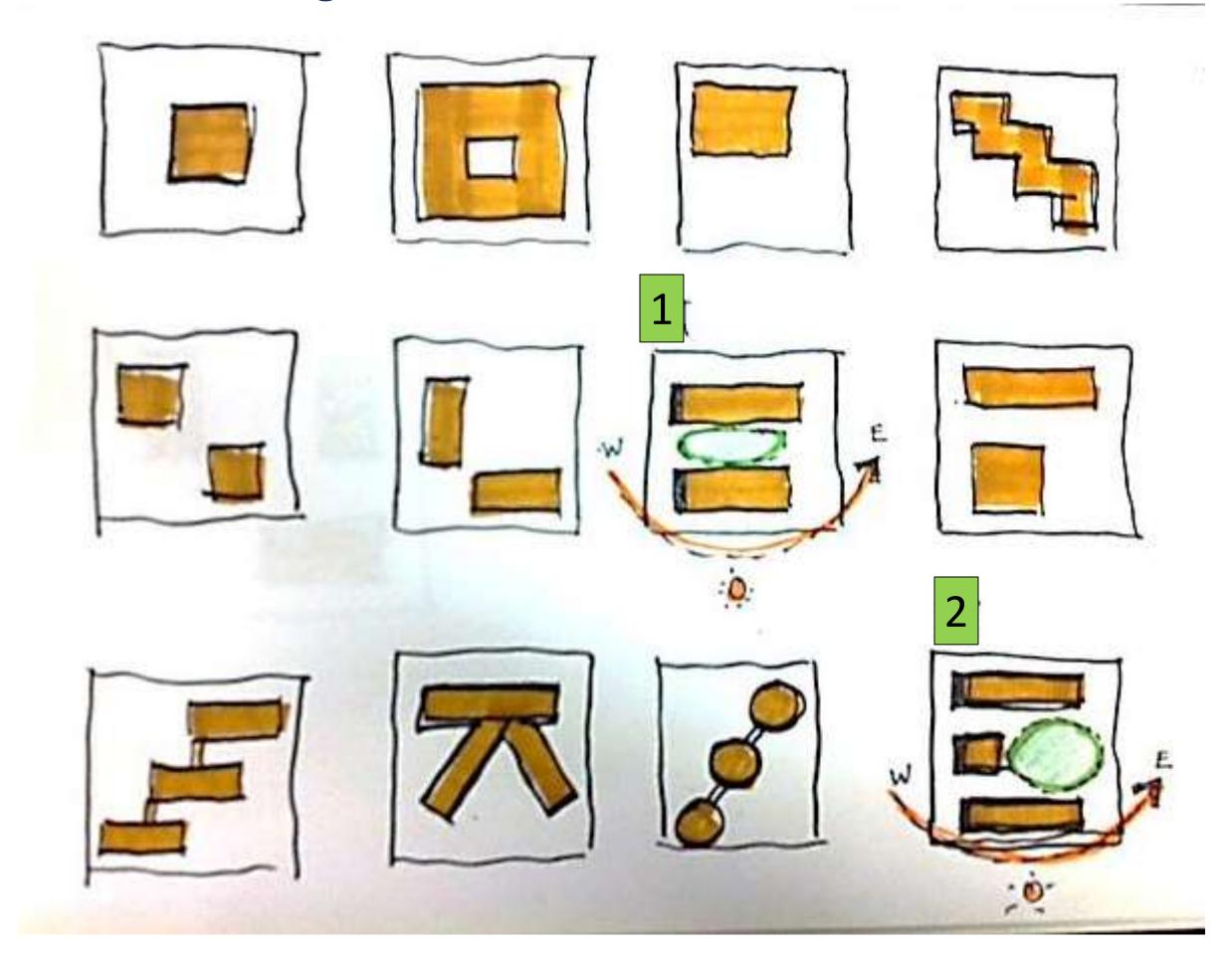
:Noise from highways 噪音

:Inconvenient public entrance 入口

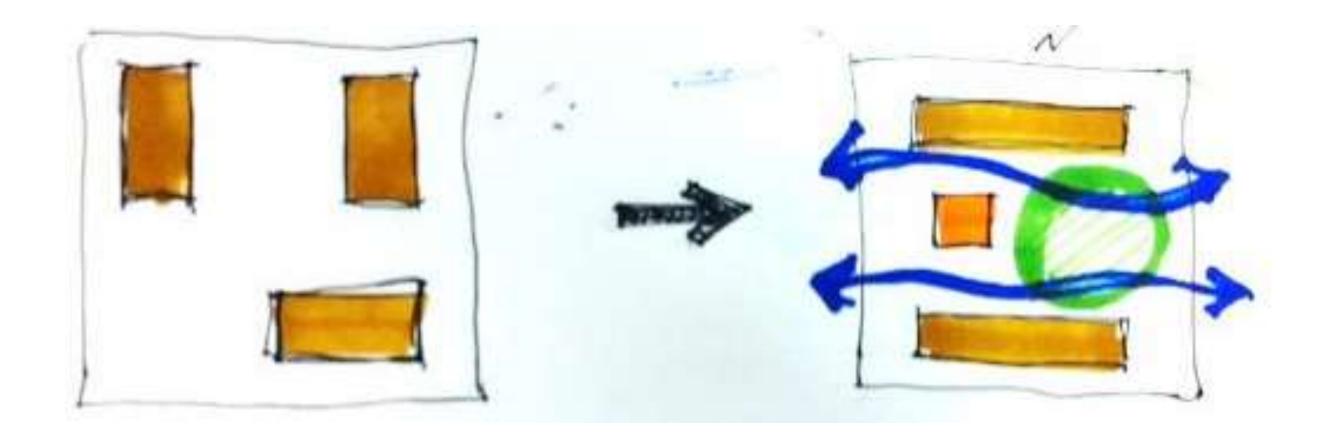
:Orientation-Ventilation/Daylight 通风 采光



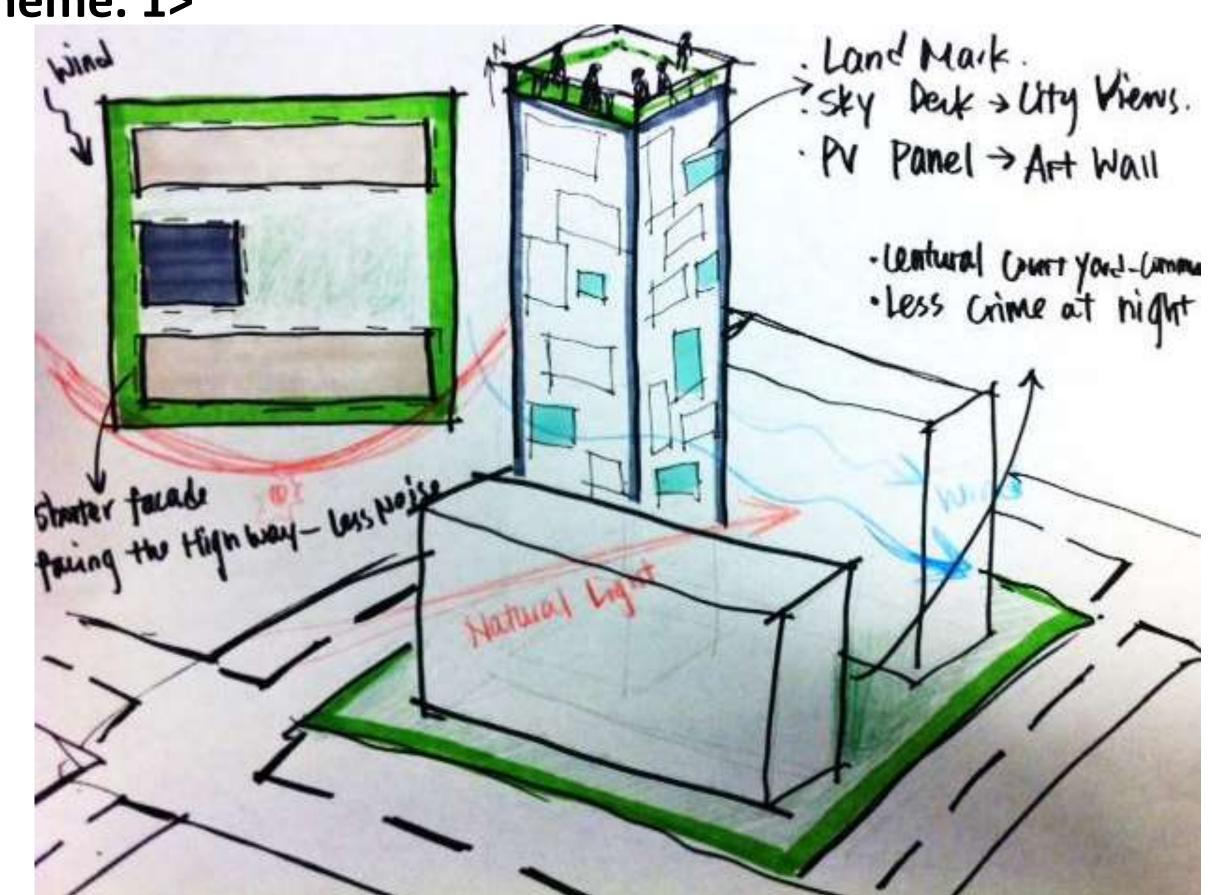
## Petal 1. SITE; Building Form



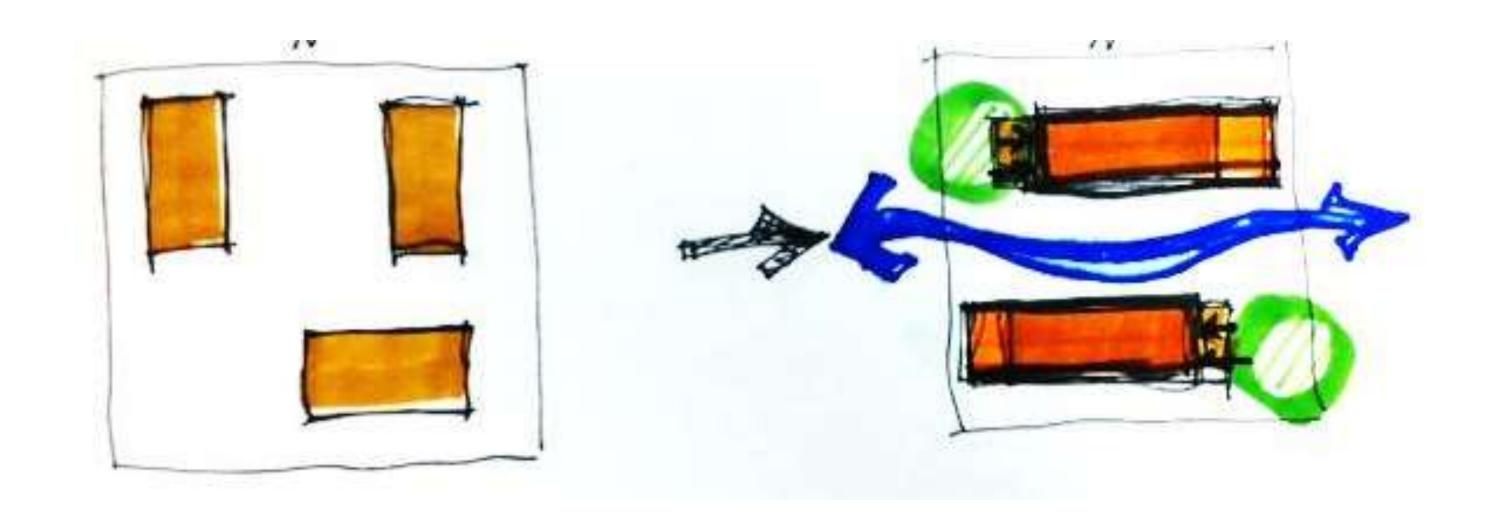
## <Scheme. 1>



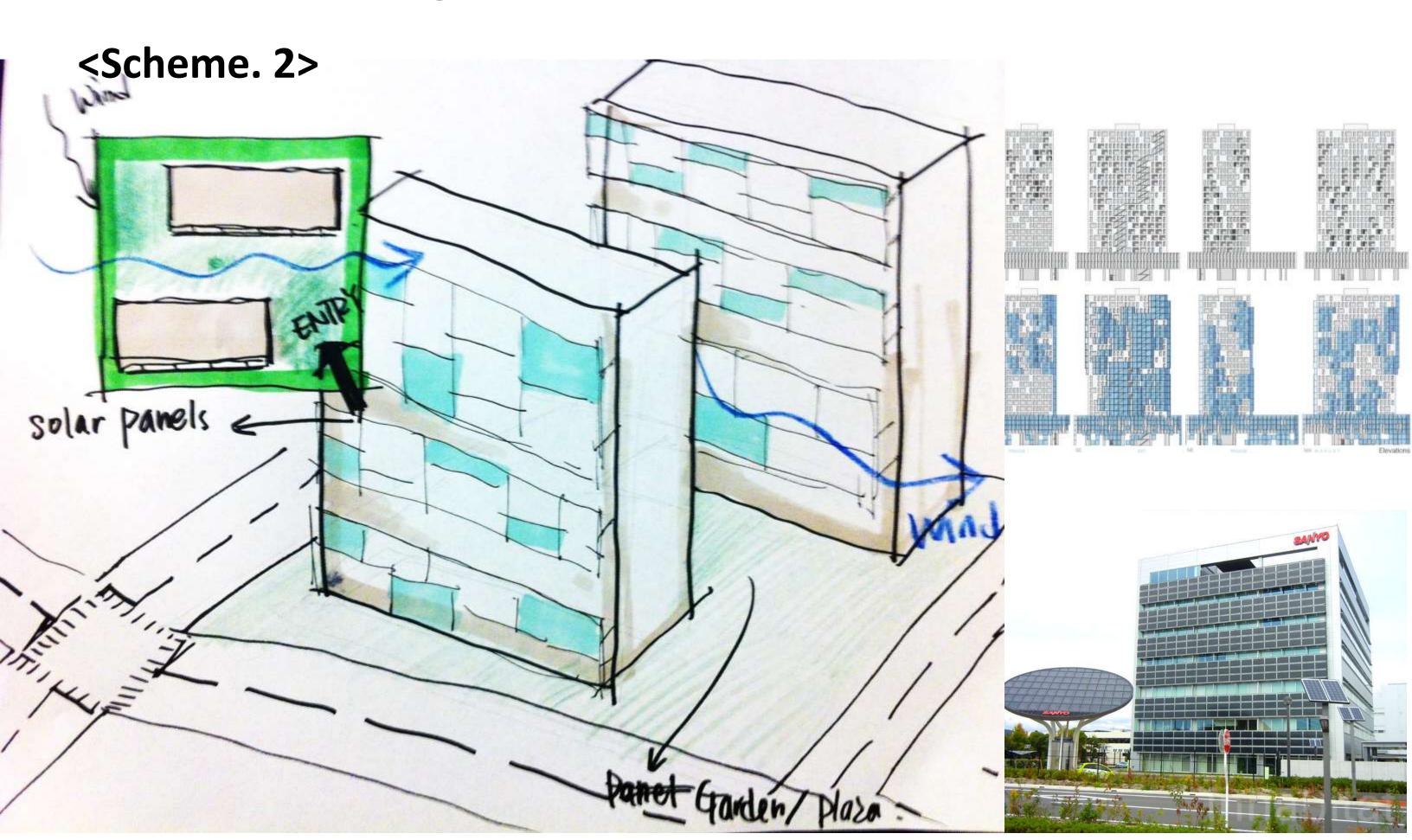
<Scheme. 1>



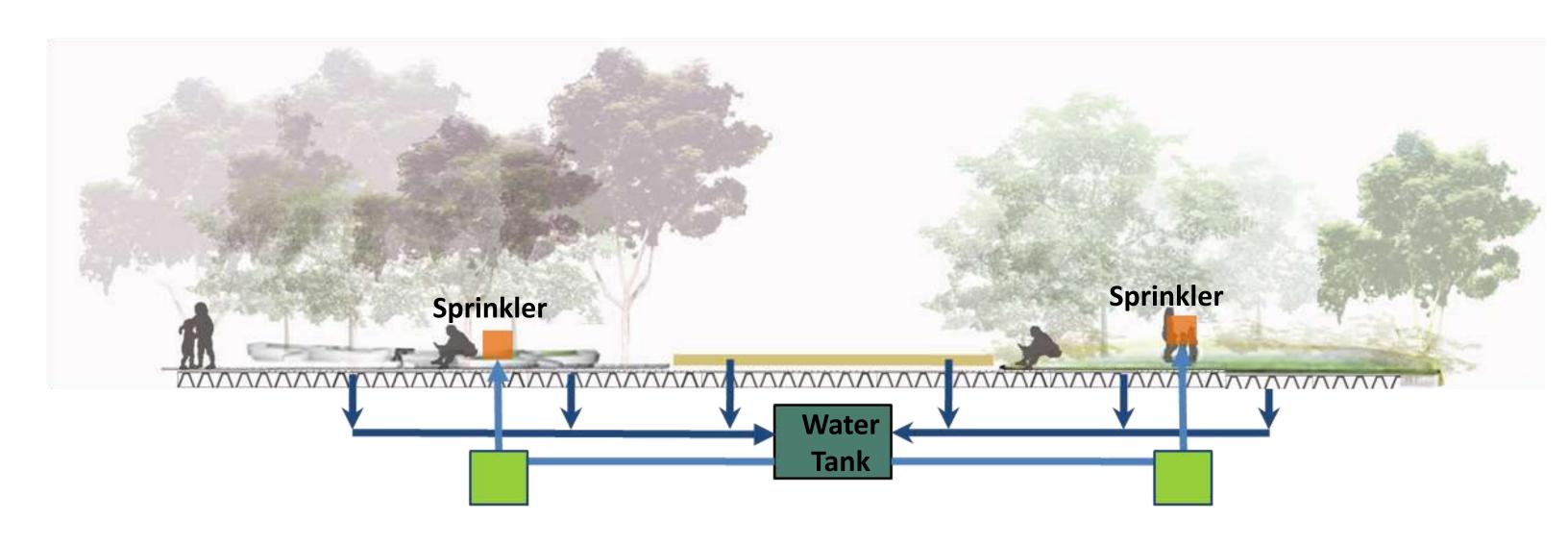
### <Scheme. 2>



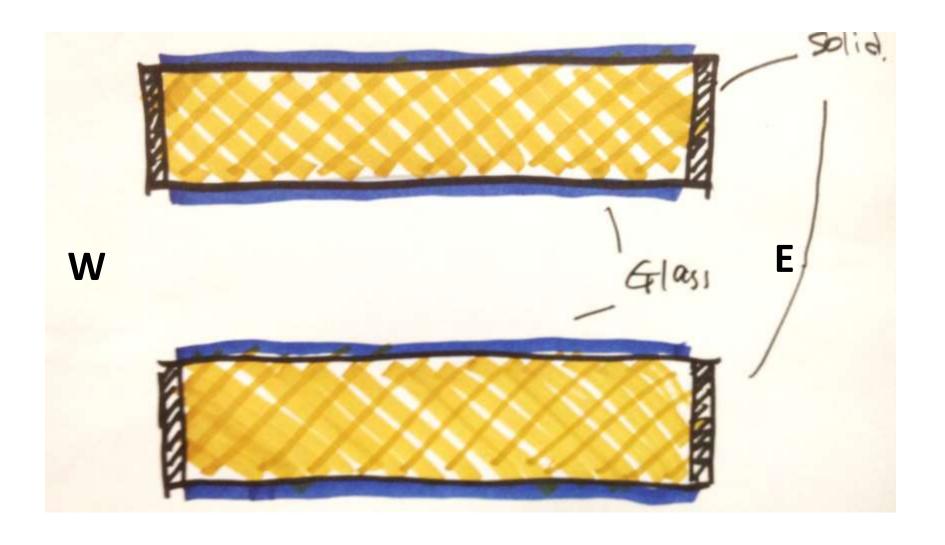
## Petal 1. SITE; Building Form

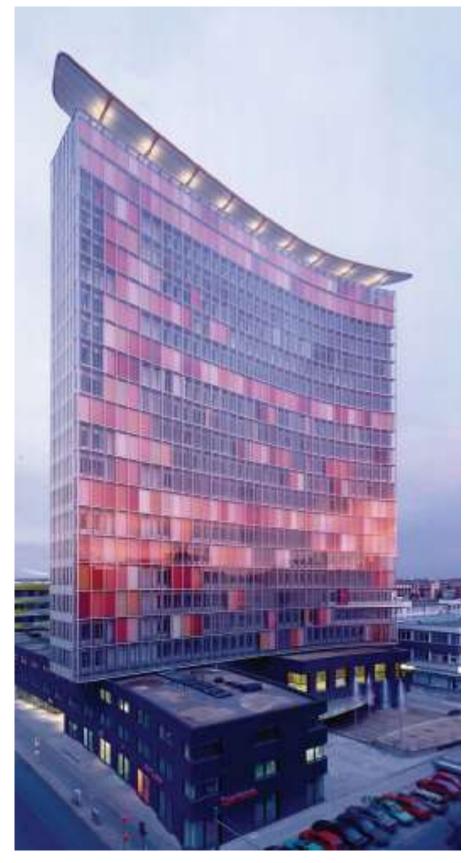


## <Rainwater Recycling> 雨水重新利用



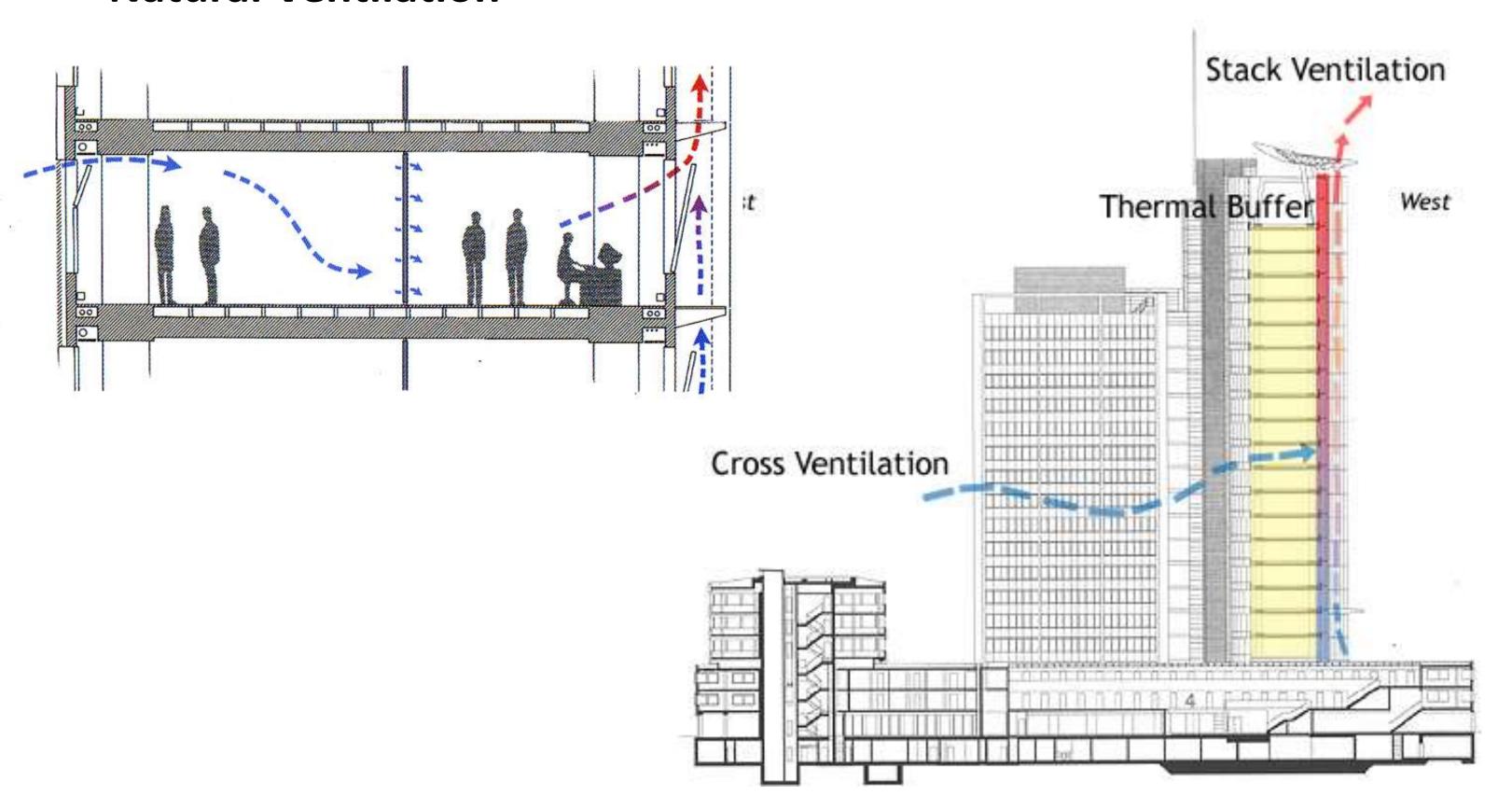
#### <Material>





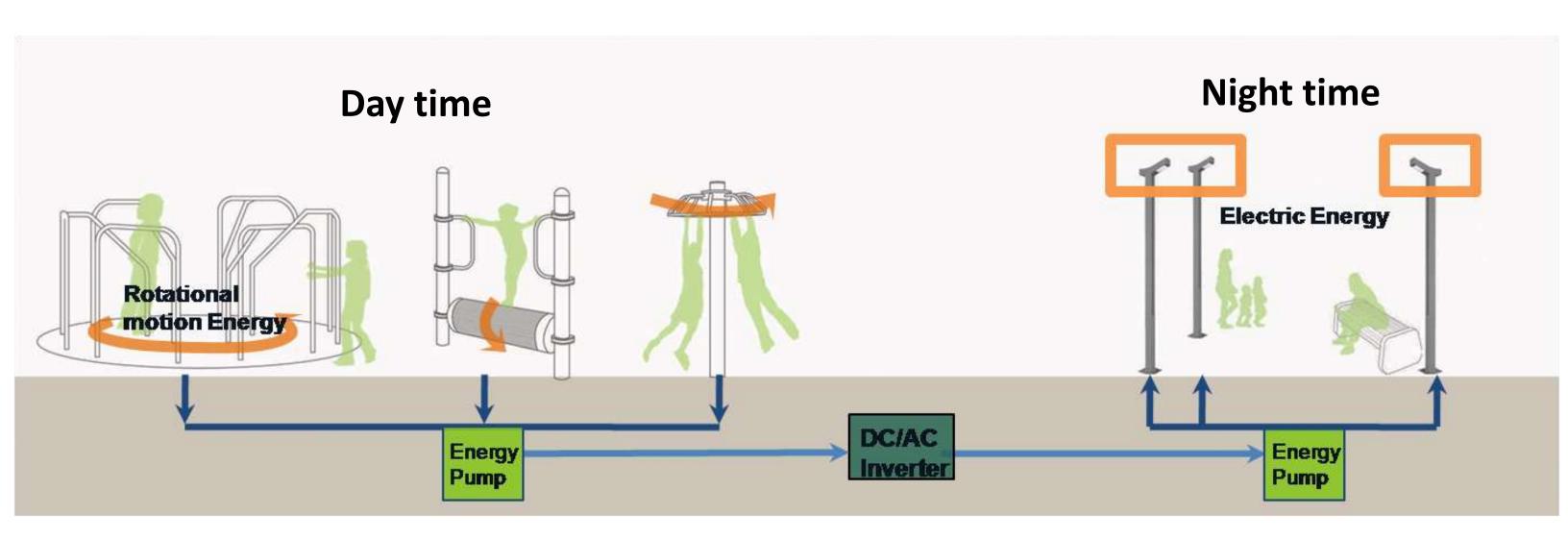
-Operable Solar Panel

### <Natural Ventilation>

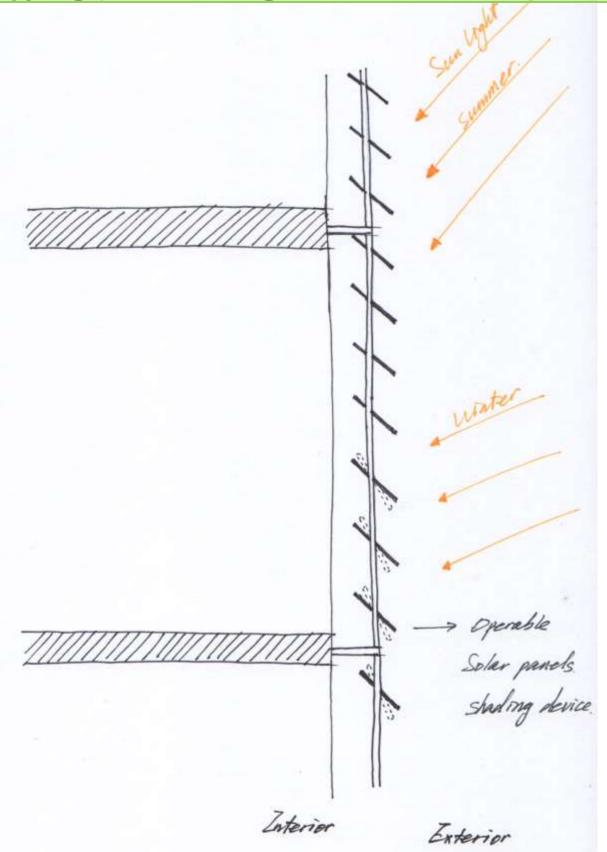


## ■ Petal 3. ENERGY能源

## <Energy Generating Playfield> 社区活动能源利用



## Petal 3. ENERGY





-PV Energy Louvers

The photovoltaic louvers "glasscon ENERGY LOUVERS" can be produced with full transparency or semi transparent. Every client or architect/engineer can create it's own pattern depending on his needs.

## ■ Petal 4. Health 健康

#### LESS CRIME 安全

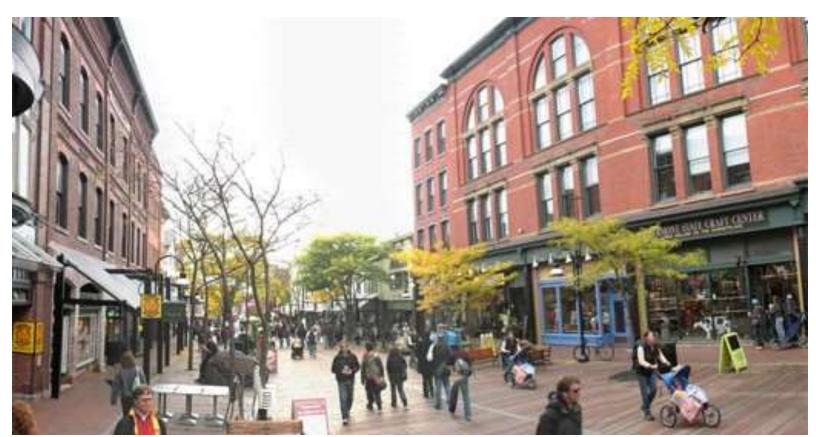
#### Crime prevention and neighborhood safety

We strive to create a multi-functional community, which will ensure a safe living environment for citizens. Defensible space works with a hierarchy of living and community spaces. We propose to mix the uses of three zones (Zone A, Zone B and Zone C) so that the using time of each space can be maximized.

Occupancy time for **residential area**: 6pm – 9 am Occupancy time for **office area**: 9 am – 6 pm weekdays

Occupancy time for cultural center concentrates on weekends

Thus, if we bring in all those elements into one community, the community will be occupied and used longer. Residence and the visitors will both feel safer using the community with people being able to watch out for each other. This will maximize the use of space as well as preventing crimes.



■ Petal 4. Health Chongqing

#### ACCESS TO NATURE 接近自然

Putting a **central garden** with paths and trails reaching to the coastline will provide not only local residence but also public a space to relax. Creating this central park in the community will **attract citizens to visit** the community so that the natural resources will be utilized publicly.



