

# HUA YAN 'S PORTFOLIO

## MASTER OF

### LANDSCAPE ARCHITECTURE

PHOTOGRAPHY BY HUA YAN

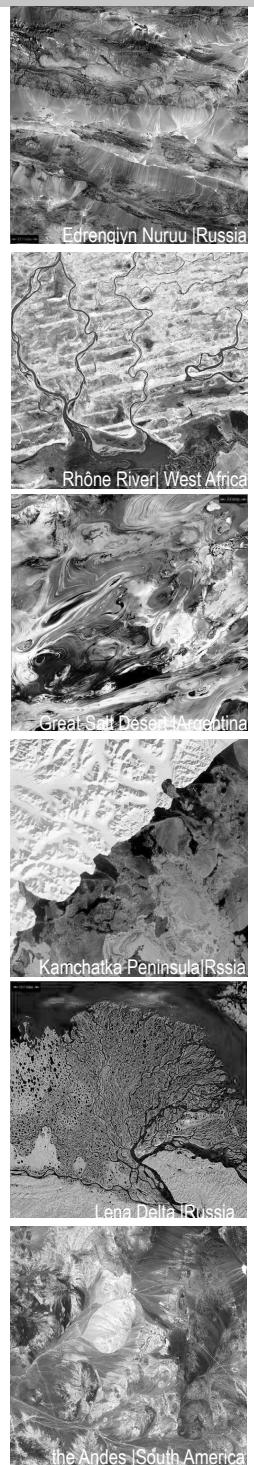
THIS VIEW COMES FROM MY TRIP TO HAIDUOGOU GLACIER, CHINA IN MARCH 2013.

IT WOULD TAKE A VERY LONG WAY TO VIEW THE SCENES I HAD NEVER SEEN,  
SIMILARLY, THERE WOULD BE A LONG TERM TO GET THE GOAL I EVER SET.



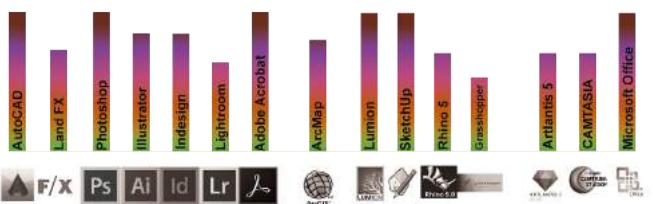
E-mail: yanhua0728@gmail.com  
Phone: +1 (979)450 2977  
<http://huayan.radarxc.com/>  
College Station, TX

# Hua Yan



## PROFESSIONAL SKILLS AND EXPERTISE

- Excellent on Hand-drawing and On-site sketch;
- Proficient in AutoCAD | ArcGIS | Photoshop | Illustrator | InDesign | Lightroom | AutoCAD Architectural | ArchMap | Lumion | SketchUp | Rhino 6 | Grasshopper | Artlantis 5 | Camtasia | Microsoft Office
- Lumion 3D | Camtasia | Artlantis | Eco-tect Analysis;



## PROJECT EXPERIENCE

- Practical Experience in wide variety of landscape projects;
- Skilled in All Phases of Project :Concept Design(CD), Schematic Design(SD), Development Design(DD);
- Professional Interest: Children Park, Health& Wellness, Campus Design.

### • Urban Design Project

2015.01- 2015.05 Thompson & Grace Medical City (CD phase)  
2012.07- 2012.12 Lianshan Lake of International Eco-Community (CD phase)

### • Neighborhood Design Project

2015.09- 2015.12 Boonville's United Garden (CD Phase)  
2013.10- 2014.06 Tianjing Zhongxin Residential Area Landscape Design (CD phase)

### • City Park Project

2012.10- 2013.05 Green Corridor Park (CD phase)  
2012.12- 2013.01 Jianlin Road Linear Park (SD phase)

### • Campus Design Project

2012.11- 2013.09 Haihe University Park- Tianjing Business Collage (CD|SD|DD phase)  
2010.03- 2010.06 New Campus of Beihang University Landscape Design (CD phase)

Abak • Nigeria  
Xiangyang • China

College Station • USA  
Tianjin • China

Datong • China  
Suzhou • China

Tianjin • China  
Beijing • China

## SELF-EVALUATION

- Strong sense of responsibility | Good at work arrangement | Hard-working;
- Outstanding on Communication | Cooperation with partners;
- Sincere and Enthusiasm to job, to design and to life

The photographs from satellites show us gorgeous views of the land. We are always focusing on the scene in tiny scale. However, when you set one step, three steps, five steps back, you would get rather breathtaking beauty. This process resembles my journey, in which I explore my knowledge to broader fields. It is kept in my mind that every site, with unique characteristic, deserved to be respected and restore to vitality. From various projects I was involved, I get to know landscape design would be interpreted in many ways. I used to consider sites as units emerging from the interaction of landscape forming factors. However, after finished several practical projects, I went further to understand sites as a heterogeneous combination of patchy multiple-elements. It becomes obvious that many high-quality designs are carried out concentrating on specific services or specific linkages within sites and human life activities. Furthermore landscape architecture should be more a solutions for a relation of region characteristics, environment, services, benefits and values for society, rather than a simple aesthetic combination.

## EDUCATION

- 2014- 2017 Master of Landscape Architecture(Expected)  
Texas A&M University(TAMU), USA| GPA 3.8/4  
2010- 2012 Master of Landscape Architecture  
Beijing Forestry University(BJFU), CHINA| GPA 3.3/4  
2006- 2010 Bachelor of Landscape Architecture  
Beijing University of Agriculture(BUA), CHINA| GPA 3.5/4

## EXPERIENCE

### EMPLOYEE (Landscape Designer)

2012.02 - 2014.07 AECOM- Beijing CHINA (30 months)  
2012.11 -2013.01 AECOM- Shanghai CHINA

### INTERNSHIP (Full Time)

2011.05 - 2011.11 China Academy of Urban Planning and Design Institute (6 months)  
2010.02 - 2010.07 Beijing Haidian District Landscape Design Department (6 months)

## HONORS

### AWARD

- Outstanding performance in IFLA 2011 Asia-Pacific Student Design Competition  
Excellent Graduate Cadre  
Excellent Graduate in Beijing  
National Scholarship in 2008-2009  
Excellent Volunteer of Beijing Olympic Games and Paralympics  
Honor Student (2 /1000)

### SCHOLARSHIP

- Landscape Architecture Departmental Scholarship 2014-2015,2015-2016  
Campus Outstanding Scholarship in 2008-2009 (2 /1000)  
Campus First-Class Scholarship in 2006-2007  
Campus Third-Class Scholarship in 2007-2008

## VOLUNTEER & COMMUNITY

- 2015.06 Volunteer for ASLA Texas Conference at silent auction;  
2008.5-2008.8 Volunteer in Beijing Subway during 2008 Beijing Olympic Games and Paralympics.  
2014-NOW ASLA student chapter in Texas A&M University;  
2010-2012 Deputy Minister for Public Relations of Student Union in BJFU;  
2007-2009 Chairman in Further Education Committee in Landscape Architecture College of BAU;  
2006-2010 Conductor for the Chorus of Landscape Architecture College in BAU.

## PUBLICATION

Analysis of urban green space processing [J];



IFLA , 2011  
Beijing Forestry University, 2011  
Beijing, 2010  
China, 2009  
Beijing University of Agriculture, 2008  
Beijing University of Agriculture, 2007

Texas A&M University,2014& 2015  
Beijing University of Agriculture, 2009  
Beijing University of Agriculture, 2006  
Beijing University of Agriculture, 2007



First author • Union Expo in 2009(12) ISSN 1009-9166

# Content

WORK 1 A&M STUDIO 2015.05

## LIVING ENVIRONMENTAL DESIGN -Healthy Living

01-06

Role: Team Work + Individual Work  
Master Plan Rendering;  
Design Leader, Analysis diagram, Inventory, Analysis diagram, Presentation;  
Community Park & Children Park Individual Design; Video Rendering.

Tutor: Dr. Chanam Lee

WORK 2 A&M STUDIO 2015.11

## COMMERCIAL STREET DESIGN -Bonville United Garden

07-12

Role: Team Work + Individual Work  
Part of Master Plan Rendering;  
Market Analysis, Case Study, Inventory, Analysis diagram, Presentation;  
Commercial Street Individual Design.

Tutor: Dr. Changshan Huang

WORK 3 PRACTICAL 2013.04

## INTERNATIONAL COMMUNITY PARK DESIGN - Lianshang Lake

13-18

Role: Brain Storm, Data collection, Case Study;  
Part of Master Plan Rendering;  
Analysis diagram, Modeling, Section and Collage drawing, Perspective;  
Cooperate with Urban Design Department (AECOM).

Project Director: Neo Cai (AECOM)

WORK 4 PRACTICAL 2014.05

## CAMPUS DESIGN -Haihe University Park

19-24

Role: Lead Design on Scheme Development of AUDITORIUM SPACE and WETLAND AREA;  
Master Plan Rendering;  
Analysis diagram, Paving study, Lighting Design, Planting Design, Collages;  
Participant in Development Design(DD) Phase for 3 months;  
Cooperate with LA Department (AECOM shanghai) in DD phase.

Project Director: Matt Chu (AECOM)

WORK 5 COMPETITION 2011.01

## LAND PROBLEM SOLUTION -Resolve Renascence

15-30

- The Reasonable Reutilization of Abandoned Coal Mine and Urban Garbage  
Nomination Prize in IFLA 2011 Asia-Pacific Student Design Competition  
Role: Team Leader /Idea proposer;  
Working on Technique Research and Expression, Planting Design, Concept Diagram.  
Tutor: Dr. JingShi Zhang

WORK 6 ACADEMIC 2014.11

## LAND-SCULPTURE STUDY & TEMPERRY LANDSCAPE STUDY

31-34

Role: Individual Works  
Tutor: Dr. Changshan Huang

WORK7 PERSONAL

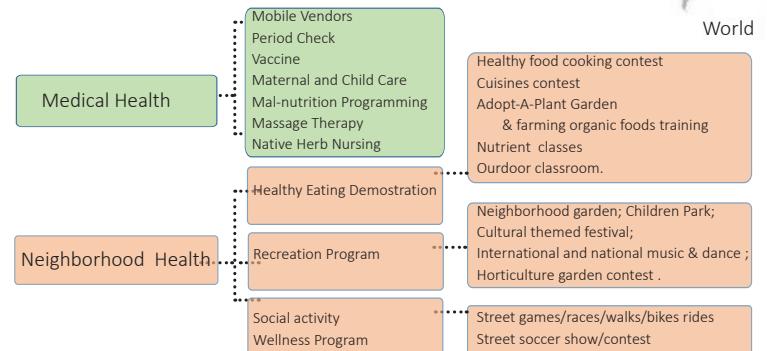
## Hand Draft|Watercolor|On-site Sketch|Construction Drawing|GIS

35-36

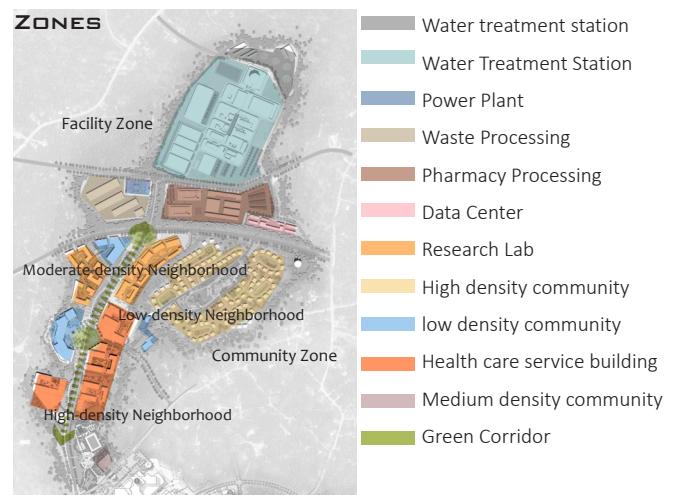
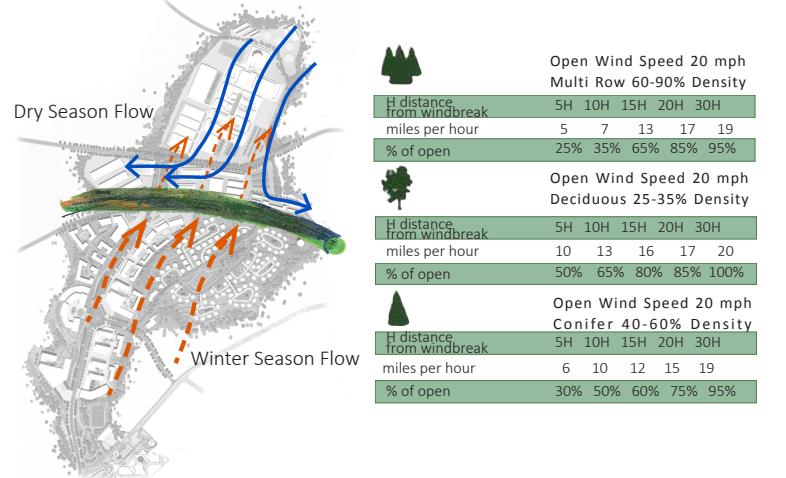
# HEALTHY LIVING

## Residential Environmental Design

### HEALTHY CARE



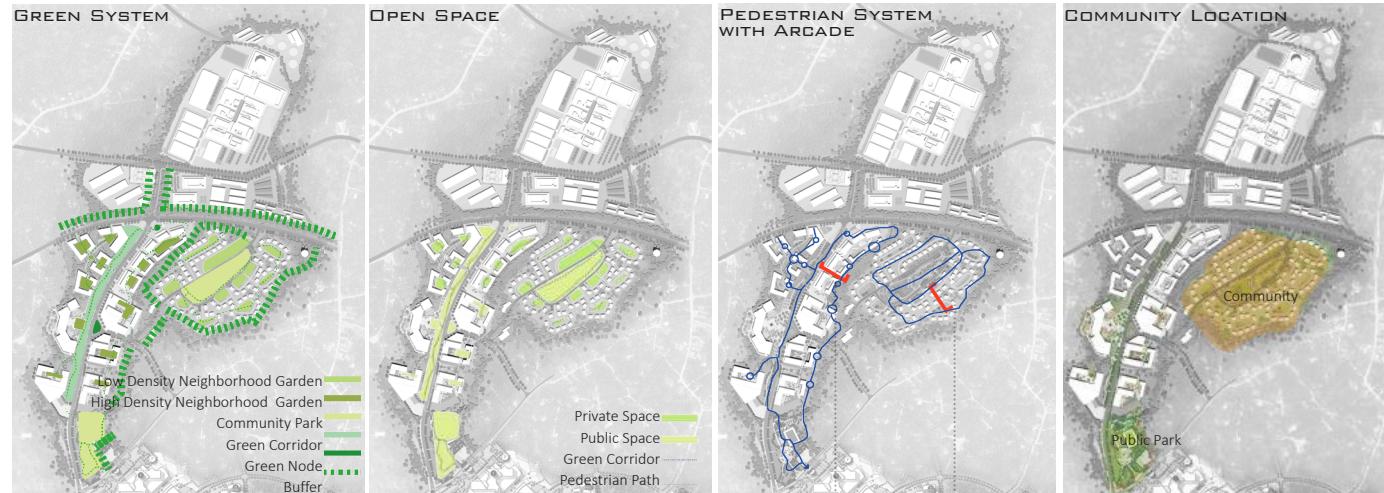
### HEALTHY ENVIRONMENT



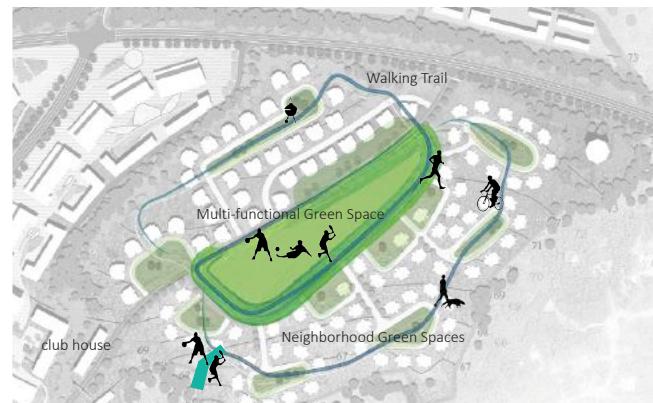
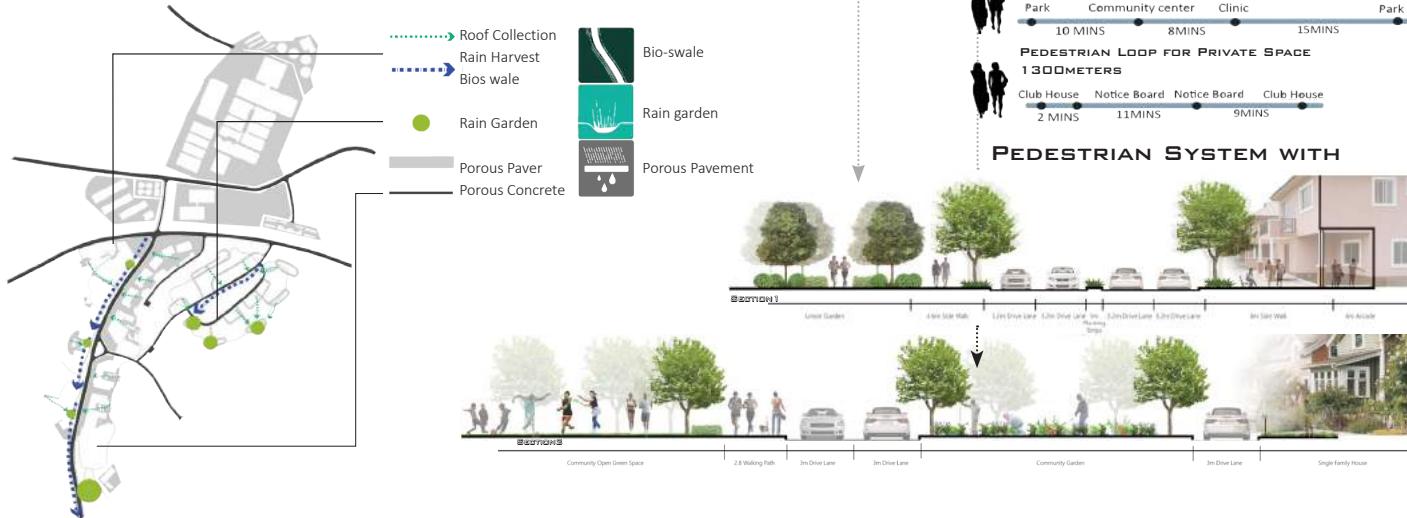
### WORK 1 STUDIO PROJECT



## WALKABLE NEIGHBORHOOD



## WATER MANAGEMENT



Various activities were arranged to give a diverse sense of healthy living style. Main spot activities were combined by main routes for different demand of users. The colorful zones in the diagram show different area for specific functions, which are also separated by multiply vegetation against disturbance.

**Multi-functional Green Space** Gathering activities including soccer, tennis and resting.

**Neighborhood Garden** Cluster houses, which would be used for barbecue and playing with pets.

**Club House** Supplementary for community center, providing indoor activity sites.

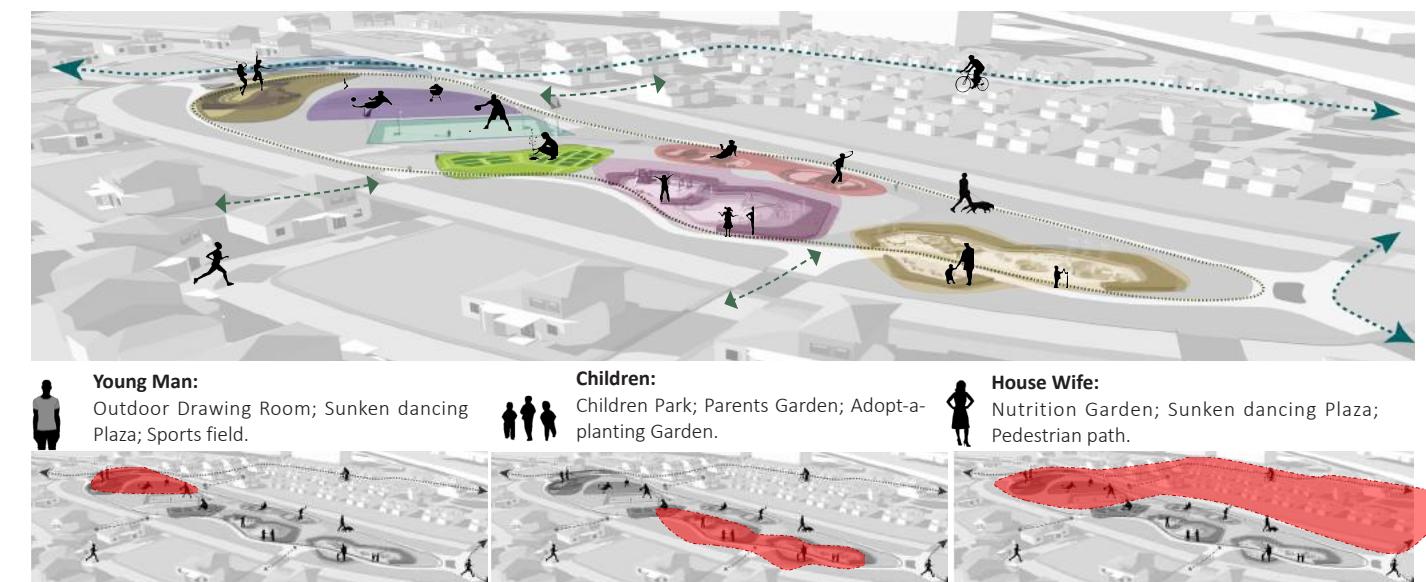
**Walking Path** Linear active sites, urban pedestrian system and community pedestrian system.

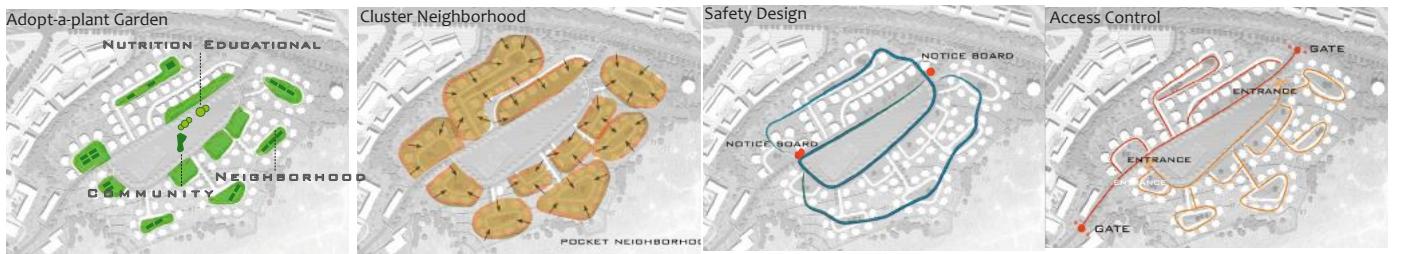
## COMMUNITY PLAN(INDIVIDUAL WORK)



The community park would be defined as a park that serves to neighborhood. Some programs concluded by background analysis would happen in the park as supplemental aid for health care. Besides, the park design was added some programs for children, and traditional elements for visitors to explore.

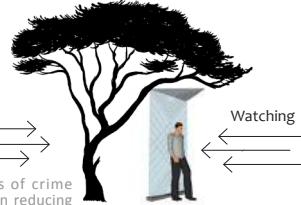
## THE PATH SYSTEM FOR DIFFERENT USERS





## CPTED CRIME PREVENTION THROUGH ENVIRONMENTAL DESIGN

### Territorial Reinforcement Ownership Improvement



#### Natural Surveillance

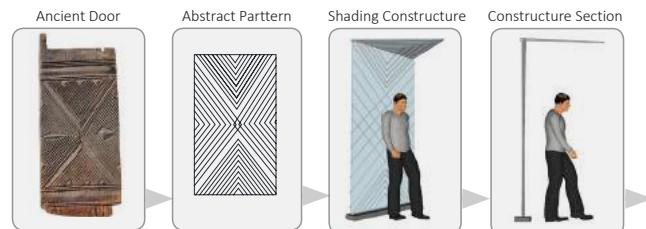
High canopy and transparent structures could maximize visibility is one concept directed toward keeping intruders easily observable, and therefore less likely to commit criminal acts.

Casteel, C., & Peek-Asa, C. (2000). Effectiveness of crime prevention through environmental design (CPTED) in reducing robberies. American Journal of Preventive Medicine, 18(4)

#### Maintenance

Maintenance and repair of landscaping, lighting, and other features to facilitate a sense of caring and ownership. This can also include maintaining and encouraging orderly behavior.

### Access Control



The design abstracted some unique pattern from traditional arch, door or cloth, and then used them to structures on the site. The shading contructure above adopted the pattern we concluded, and was made up by glass and steel tubes with the height of about 8 feet providing shade and raining protection.



Text Reference: Atlas, R. (1991). The other side of CPTED. Security Management Magazine, March.

**Adopt-a-plant Garden :** The map shows the locations of the community gardens, which are proposed to grow organic food and provides programs such as the nutrition class, healthy cooking for both the local people and residents in the community.

**Cluster Neighborhood :** Some special design would implemented to develop exclusive characters for cluster neighborhood, meanwhile rich visual effects ,providing diverse experiment.

**Signage System :** Since the intersection between lanes and walkway would happened at two red spots as shown in left, which may increase possibilities of traffic accidents. Hence notice board and striking pavement should be installed for warning.

**Gated Community :** Two main gates would be installed at red spots as shown left. The orange ones are two entrances to single house area, which provide a organized arrangement to maintenance.



Children park area contains Local Traditional Children Park, age7-10 Children Park, age5-7 Children Park, age3-7 Children Park and Parents Park. These parks would offering diverse experience both children and parents, according the specific functions.

## CHILDREN PARK



# WORK 2 STUDIO PROJECT

## COMMERCIAL STREET DESIGN

### Boonville's United Gardens

A high-end multi-generational community focused on cultural exchange, healthy eating promotion, family values and the wellness for all residents.

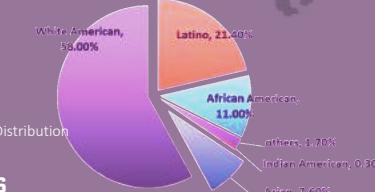
The Texas Triangle is one of eleven mega-regions in the U.S. The Triangle is anchored by the metropolitan areas of Houston, Dallas–Fort Worth, Austin, and San Antonio.

Texas Triangle is the economic center of the state.

The United Gardens site is located in Bryan, TX, within the Texas Triangle. The local climate is characterized by hot summers and mild winters with a humidity around 65% to 75%, which is very comfortable for outdoor activities.



Multiple choices of direct flights going to major American cities.  
Direct flight commute from Beijing & Shanghai.



### TARGET GROUPS

**PRIMARY MARKET** · Senior residents in College Station & Bryan

**SECONDARY MARKET** · Retiring Aggies

**TERTIAL MARKET** · Metropolitan area in Texas  
Chinese home buyers

### Potential consumer:

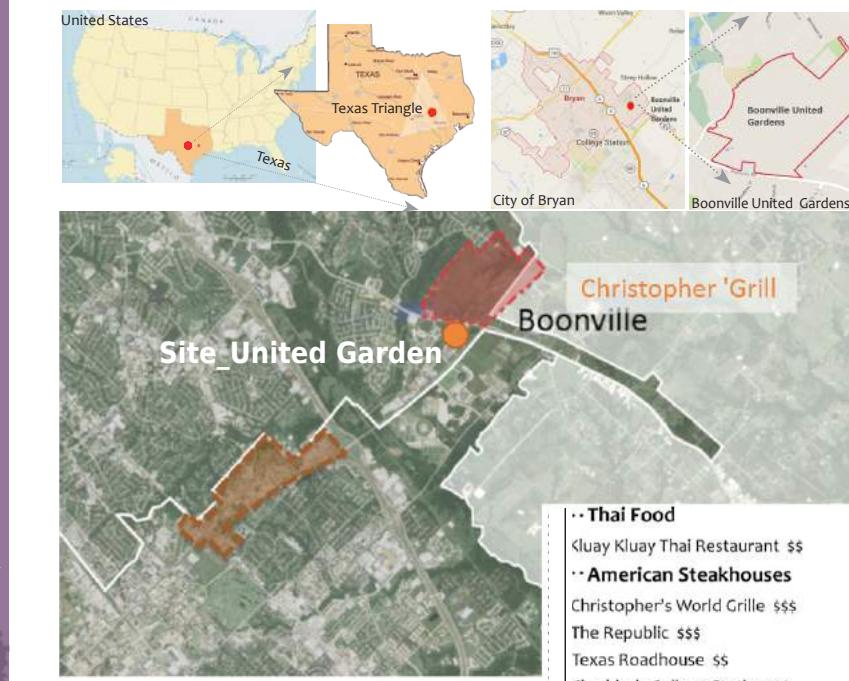
① Chinese Faculty of Texas A&M University

② COMMERCIAL STREET

③ Chinese Faculty

Total Faculty

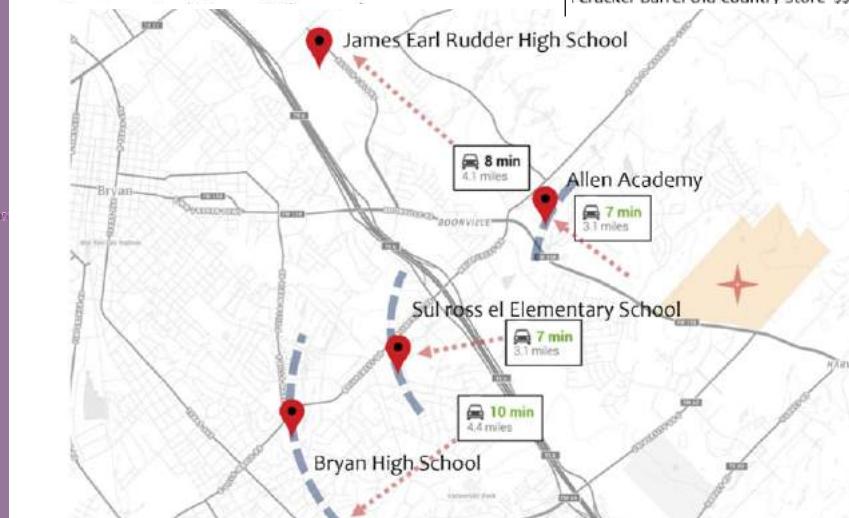
|                                           |               |                         |      |
|-------------------------------------------|---------------|-------------------------|------|
| ① Chinese Faculty of Texas A&M University |               |                         |      |
| ② COMMERCIAL STREET                       |               |                         |      |
| ③ Chinese Faculty                         | Total Faculty |                         |      |
| ④ tenured/tenured track :                 | 210 +         | tenured/tenured track : | 1817 |
| ⑤ non-tenured :                           | 90 +          | non-tenured :           | 2732 |
| ⑥ total                                   | 300 +         | total                   | 4549 |



### BUSINESS TYPES

#### Restaurants .....

- Cafe
- Fuel Station
- Banks
- Hotels
- Conference Center
- Store (Home Depot, Jewelers store, Toy store, Book Store, Halloween)



### EDUCATION

#### ALLEN ACADEMY

This School covers an area of 40 acres, and KG-12. The enrollment is 319 students. Allen Academy has a 100% college acceptance rate.

Tuition \$16,313.74 + Boarding \$19,1926.25 = \$36,240

#### TRAVIS B BRYAN HIGH SCHOOL (5 DD)

This is a public school covers 9-12. The Asian students' academic performance in this school is perfect. They got 100% STAAR percent in Reading, Mathematics and social studies, twenty percent higher than state average. The all subjects percentage for Asian students is 93%, which also leads higher state's sixteen percent.

### GOALS AND MISSIONS

#### WELLNESS

#### 1. PROMOTE PHYSICAL HEALTH

Healthy Eating + Healthy Living + Aging in Place(CCRC) + Recreational Activity  
HEALTH CENTER | CLUB HOUSE : Outdoor activity plaza, Diet classes, Cooking studio, Fitness Center, Dancing class.

#### 2. PROMOTE SOCIAL HEALTH

Intergenerational Communication + Social Interaction Opportunity + Volunteer Opportunity + Culture Exchange  
SENIOR LIVING CENTER | CHILDREN PARK | SOCIAL FAMILY CENTER | CULTURE EXCHANGE | PET PARK : Intergeneration Program, Adopt Pets.

#### EDUCATION

#### 3. PROMOTE HEALTHY MIND (SPIRITUAL & COGNITIVE)

Educational Facilities + Lifelong Learning+ Worship place + Therapeutic Gardens  
ART CENTER | LIBRARY | AFTER SCHOOL TUTORING | LIFELONG LEARNING : Multi functional Hall, Theater/ Show; Painting classroom, Craft studio, lecture classroom, Language learning, History& culture learning Flower arranging.

#### 4. ENSURE HEATHY ENVIRONMENT

Low Impact Development + Sustainable Practice  
TRAILS SYSTEM | GREEN BUFFERS | COMMUNITY FARM | ECO-FRIENDLY PROGRAM : JOGGING TRAILS, WALKING TRAILS, OUTDOOR RECREATION, CULTIVATE GARDEN, ADOPT A PLANTING GARDEN.

#### 5. DEVELOP ECONOMIC HEALTH

Commercial Development + Job Creation + Home Ownership + Increase in Land Value + Diverse House Products  
COMMERCIAL STREET | TRAINING & STUDIOS : Eating culture restaurant, Organic Farmers Market, Multi-cultural exchange, Training Classes, Theater/ Show.

### USERS NEED ANALYSIS

#### FAMILY WITH CHILDREN

#### FAMILY WITH SENIORS AND CHILDREN



#### SOCIAL HEALTH EDUCATION



- Intergeneration learning
- Socializing
- Recreation
- Shopping
- Fitness

- Recreation
- Shopping
- Diring
- Chatting

- Shopping
- Diring
- Chatting

- Fitness

- Chatting

- Art Hall.

- Art Hall.
</

## COMMERCIAL WALKING STREET- MASTER PLAN(INDIVIDUAL WORK)



## THEMES AND OBJECTIVES

### Culture Exchanging Socializing

- Provide variety of opportunities for social activities, especially people with multi-cultural background.
- Provide multi-cultural food restaurants to promote social activities and cultural exchange.

### Eating Culture

- Restaurant with organic vegetable garden to promote healthy cooking and eating.
- Provide facilities to sale organic food from community farm and promote organic food market.
- A place to get acknowledge of different type of eating culture and their character. (Traditional Chinese medical treatment service).

### Diverse Experience

- Restaurant should be freestanding and meet standards for high-end users.



Source: DD: Reading/English Language Arts, Mathematics, Science, Social Studies and Postsecondary Readiness  
STAAS percent: STAAR Percent at Phase-in Satisfactory Standard or Above; 2013-14 Texas Academic Performance Report  
Reference: <http://www.shutterstock.com/pic-105088211/stock-vector.html>; <http://stromlawyers.com/blog/2015/03/5-warning-signs-associated-with-nursing-home-abuse/>

## WATER EDGES



Banks near restaurant were waterfront features with outdoor restaurant directly near water, which are offering higher-quality experiences to water.

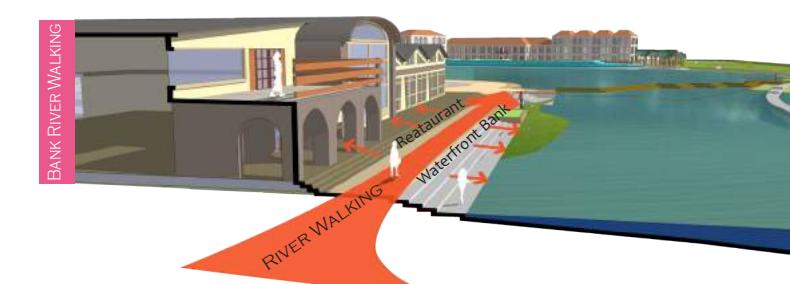
This type of restaurants also have abilities to holds big event for



Bank near plaza is a spot feature, combining gathering plaza and water access opportunities. These type of areas would be the most vivid areas in



River walking is a linear feature, combining restaurant walking street and water access opportunities. The building basement were raised to form a independent area for outdoor restaurant. Thus three levels of spaces were created, including restaurant area, river walking and



Natural bank is a linear space with nice prairies environment not only for walking, but also for self-service eating experience. Some BBQ facilities would be set here both for restaurants nearby and personal parties.



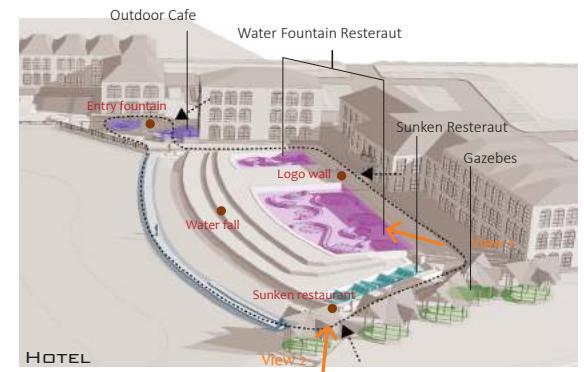
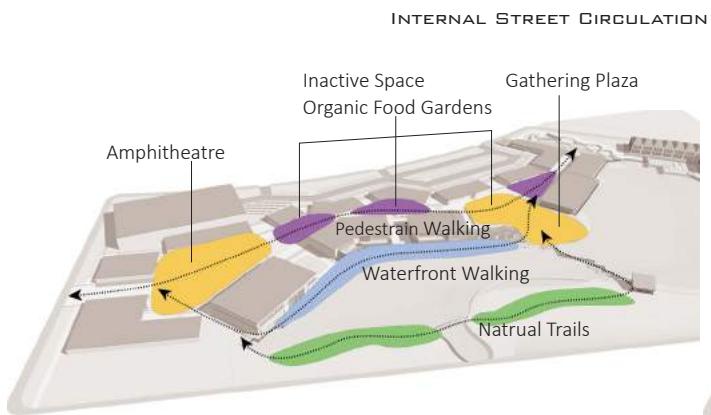
#### INTERNAL STREET CIRCULATION

Two-story restaurants near water with higher basement, separated the entire restaurant walking street area to internal street and Waterfront Street. In the internal street, some enclosed outdoor spaces were created. According the building types nearby, these spaces would functions as amphitheater, organic food gardens, queuing and waiting spaces and gathering plazas.

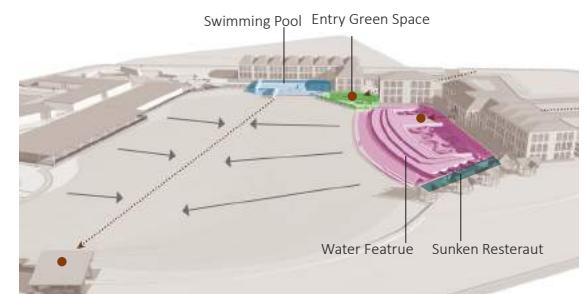
#### WATERFRONT CIRCULATION

Waterfront walking circulation, based on accessibility to parking lots, includes three circulation flows, providing good access to the water area for walkers and effective sights to water features. At the same time, the prairies near highway, as a nature buffer for the commercial area would block unwanted views and sounds.

### RESTAURANT WALKING STREET CIRCULATIONS AND SIGHTS ANALYSIS



**HOTEL**  
The high-end hotel in the most eastern point of the street continued the theme of water experience. The hotel owns separated facilities with independent management, which includes parking lots, private swimming pools, waterfront restaurant and sunken restaurant.



### WORK 3 PRACTICAL PROJECT



## LIANSHAN LAKE International Eco-Community

472HA.=Eco-Park (275Ha.)+Community(197Ha.)

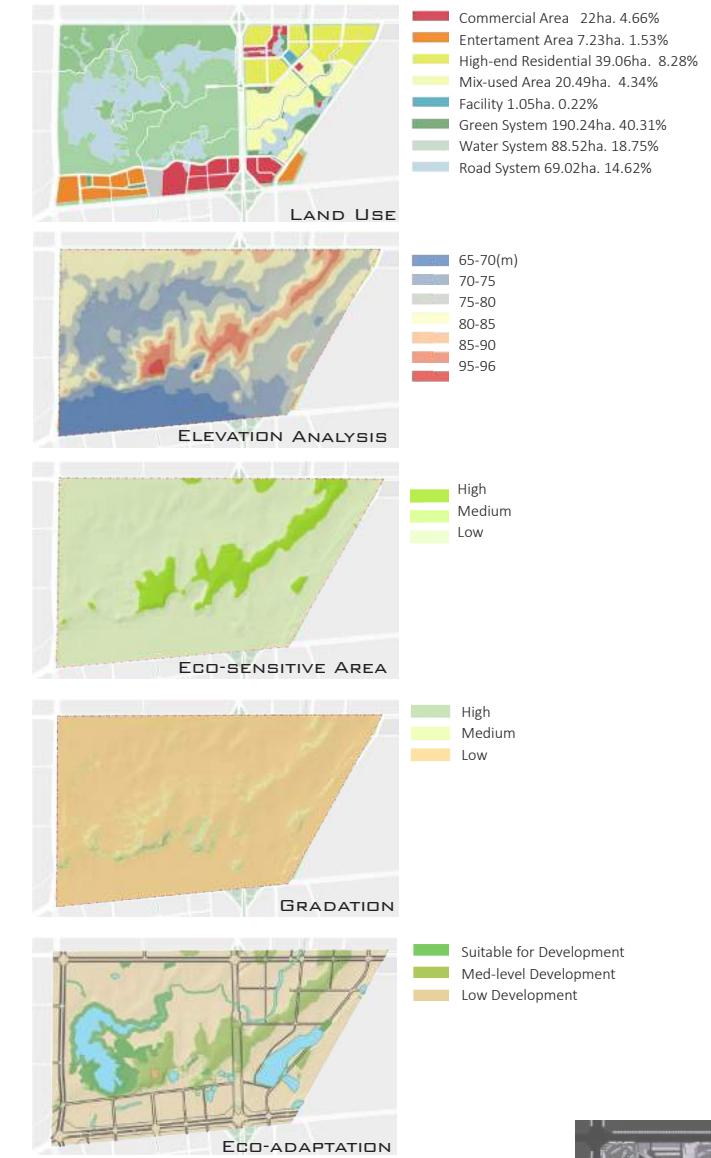
The site is located in the south of Xiangyang Tech-Business District. The distance from site to Xiangyang city center is almost 10 Kilometers.

Lianshan lake International Eco-Community is 472ha. totally, including two parts, Eco-Park(275Ha.)and Community(197Ha.)

Workscope includes the understanding and analysis of Lianshan Lake region on the existing condition and future development plan, to provide a feasible program strategy, position, and a conceptual landscape design.

There are some public infrastructures and abandoned land, and a large area of farmland at the east and north; at the west, there are existing forest, undeveloped land and Lianshan Lake Reservoir. It was land use for reservoir and farm. There are also some public infrastructures, a TV tower and a shooting range.

Based on the planning road system, the site has Fukang road connect to the Dongfeng Vehicle City; Benz road and Xijing No. 4 road connect to the New Technological Industrial District, Zhuansi road, Baitang River bridge connect to the New Region and the city center. The vehicle research center and vehicle test station is at the north.



### MASTER PLAN OF ECO-COMMUNITY



#### CIVIC BAY

In the proposed land use, the Lianshan Lake International Community is located at the east of the park. Some more other communities and residential service is located at the south.

#### ENVIRONMENT BAY

Lianshan Lake Park, as a city park, is supposed to be one of the three-lakepark system, including public green spaces and public infrastructures.

#### ECONOMIC BAY

Some commercial service, considering transportation condition, is placed in the south to face the need from Xiangyang City center.

## LIANSHAN LAKE INTERNATIONAL ECO-COMMUNITY -CITY PARK DESIGN

### 1. STRENGTH

Nature condition is well, topography changes vast.



### 2. WEAKNESS

Cliff cuts the site apart, and the connection is weak. The utilization of the land is low.

### 3. OPPORTUNITY

The site is located in the core area of the Technology Business District, and has much developing potential.

### 4. THREAT

The area of the site is huge. How to make full use of the land and influence the surroundings positively? How to conduct the park and get affluent profits?

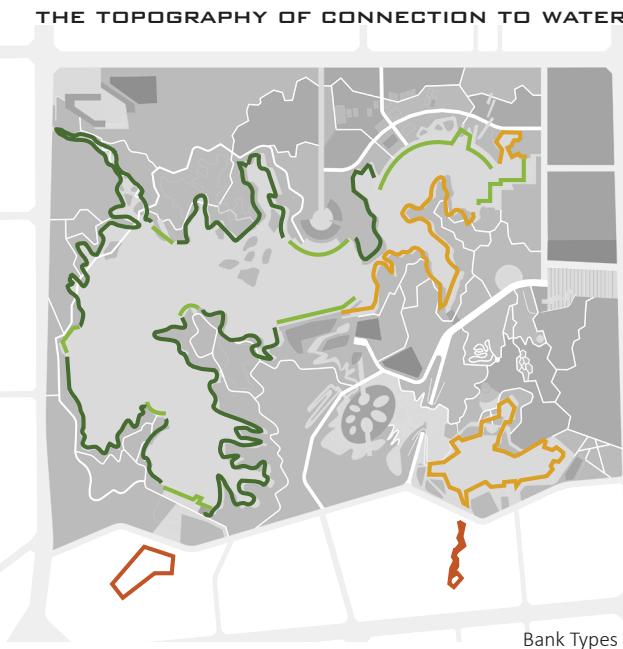
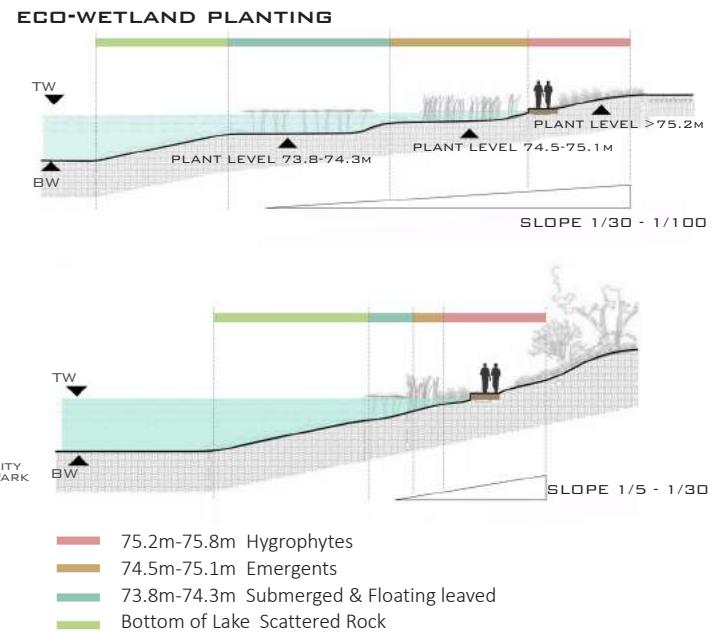
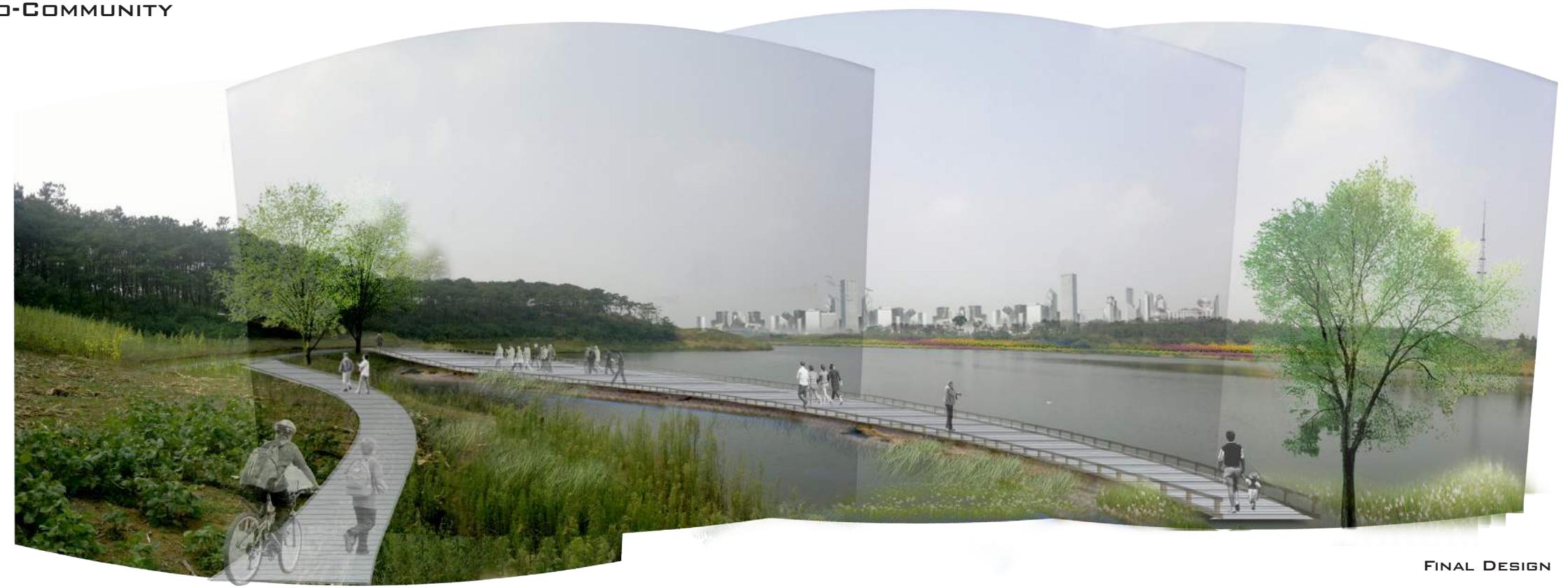
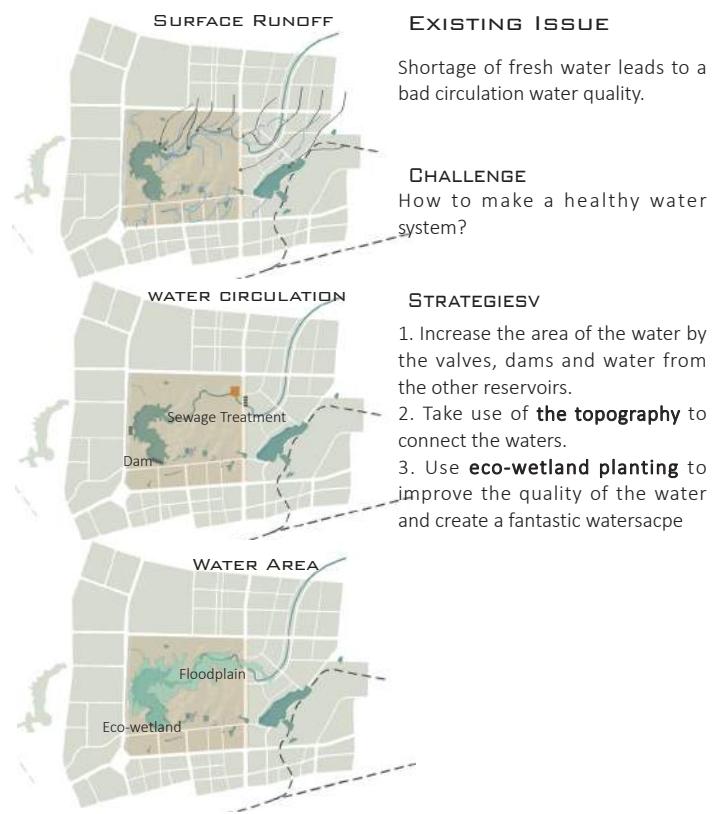


The Lianshan lake Park area was enlarged to 74.12 hectare with the original area remained. The most part of paving area was left in entrances and Ocean Park; and most of them were combined with building and facilities, some of which were used as parking field. The whole Lianshan lake Park was constituted by three areas, ABC. We aimed to create a park full of scenery and rich views. The park would be a sequence of dynamic spaces form continuity of public activity to intimate area. At the same time, part of eco-park was much higher than Entertainment Park in elevation. Accordingly we also offer a number of cohesive ways, such as feature structures, based on the original terrain, to reflect the trends of level forming a good visual experience of a comprehensive Park.

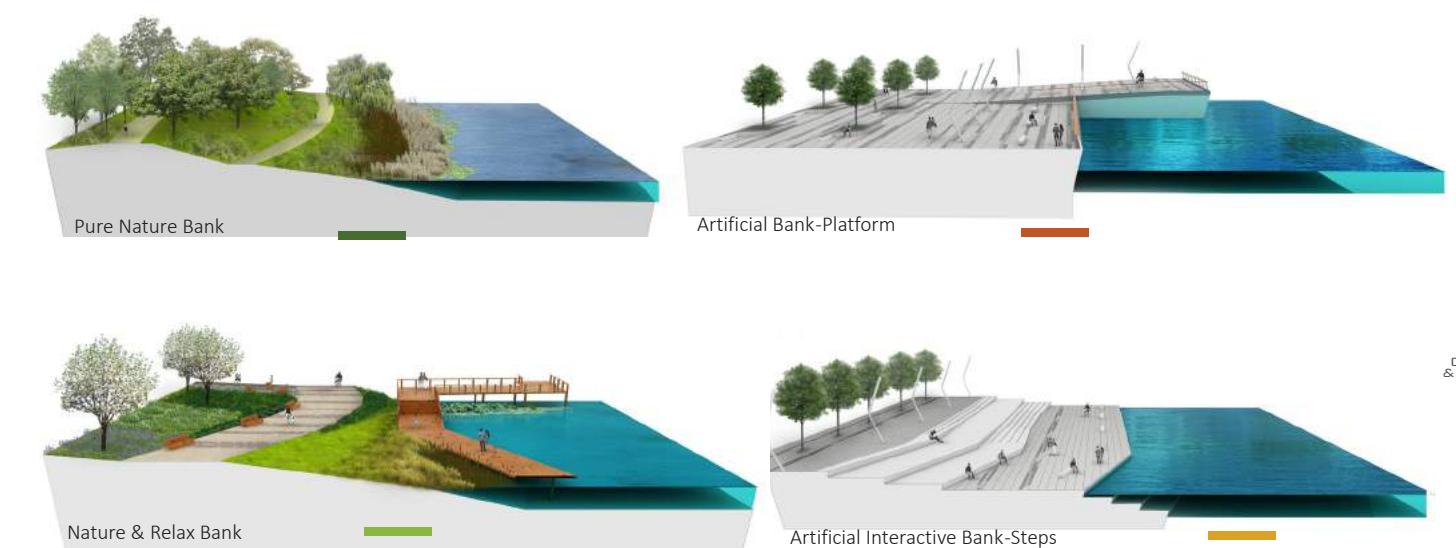


## LIANSHAN LAKE INTERNATIONAL ECO-COMMUNITY

### -WATER SYSTEM DESIGN



There were four kinds of main shoreline treatments. Bank-platform, as well as interactive bank-steps, was dominated by artificial shoreline; while the shoreline of eco-parks was inclined to be more natural, in some of which a wooden platform was provided in spaces accessible to water.



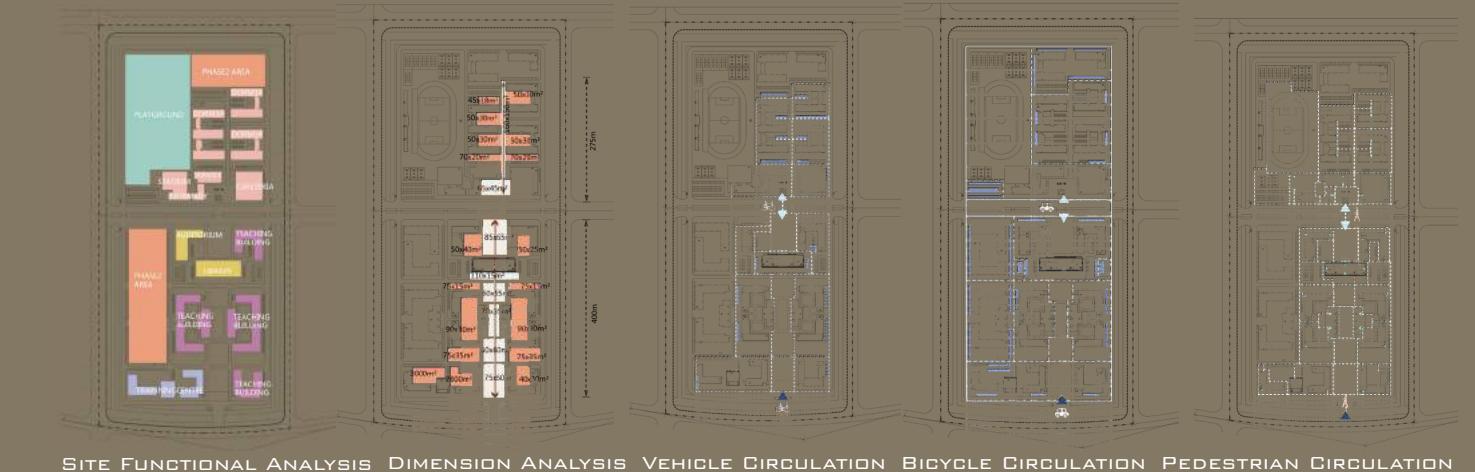
AREA: 11,920 km<sup>2</sup>  
LOCATION: 39 ° 10'00 "N 117 ° 10'00" E  
ALTITUDE: 2~5m  
POLULATION(2006): 5,910,700  
GDP(2012): CNY 12885.18 trillion



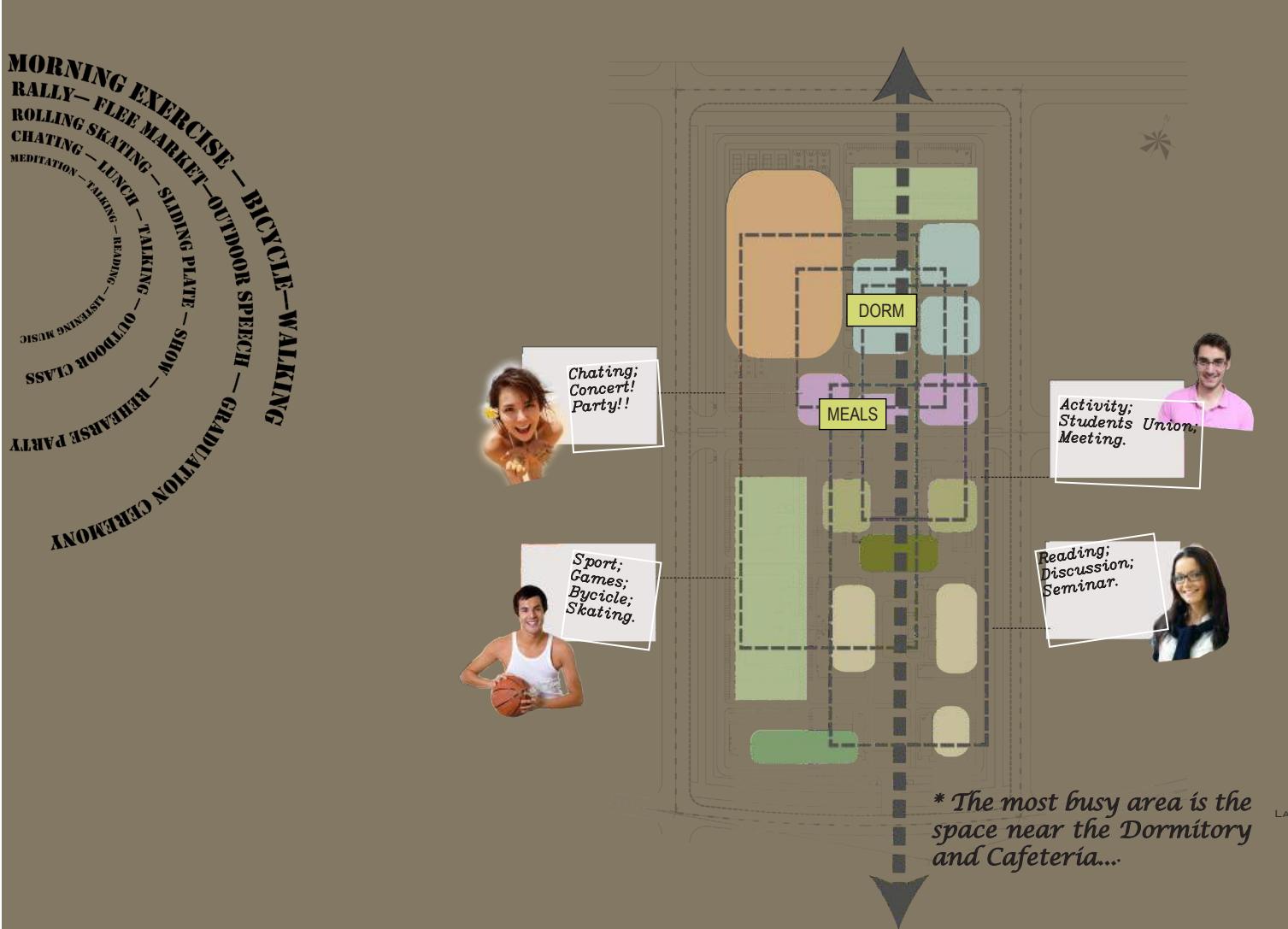
## WORK 4 PRACTICAL PROJECT

# HAIHE UNIVERSITY PARK

## -Tianjin Business Collage



## SITE FUNCTIONAL ANALYSIS DIMENSION ANALYSIS VEHICLE CIRCULATION BICYCLE CIRCULATION PEDESTRIAN CIRCULATION



\* The most busy area is the space near the Dormitory and Cafeteria....

## MATER PLAN



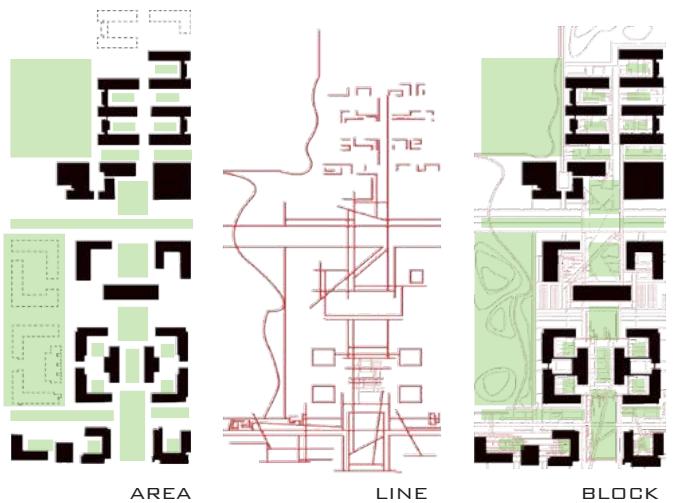
### DIVISION + CONNECTION + RESTRUCTURING

Architecture Enclosing Space

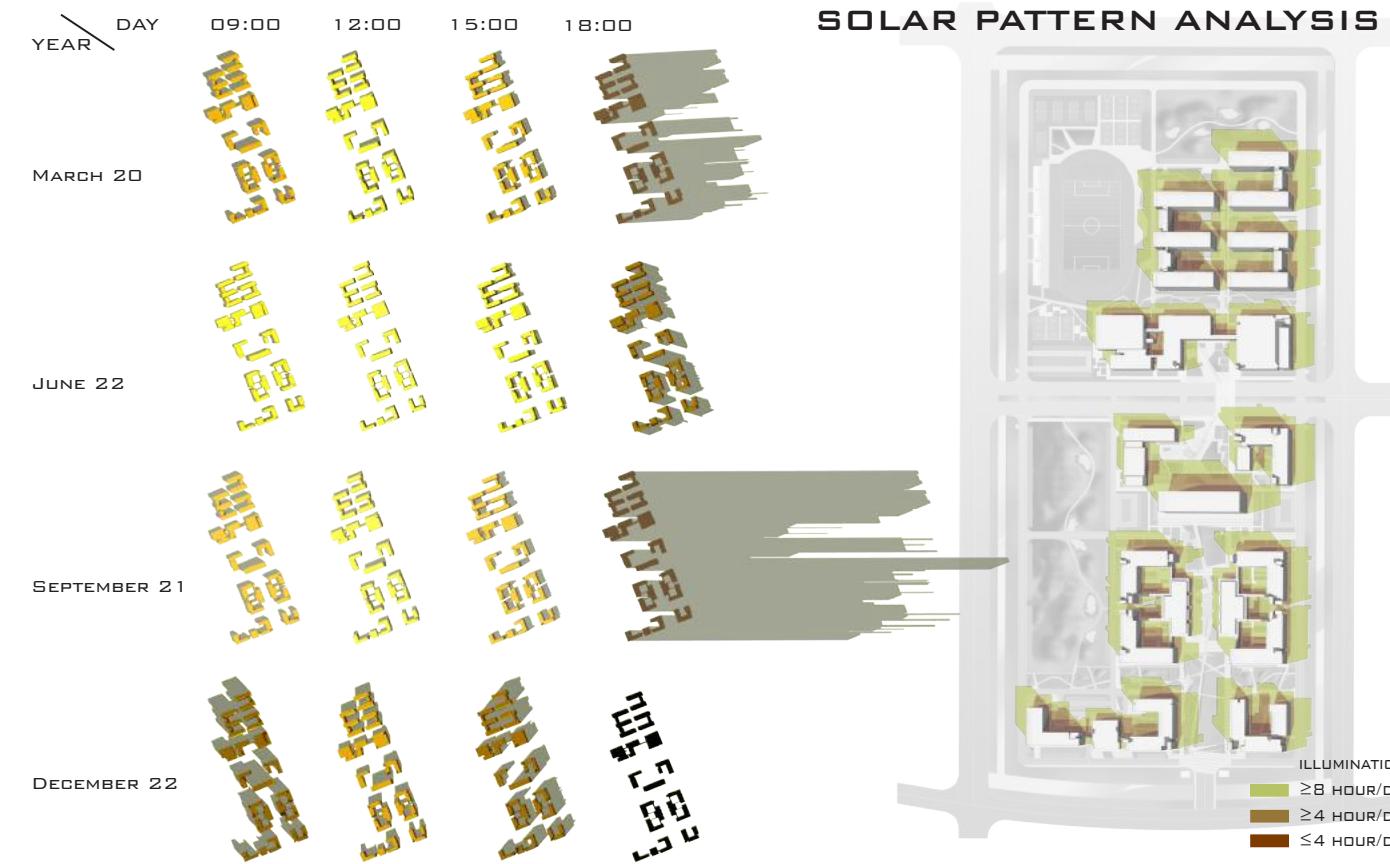
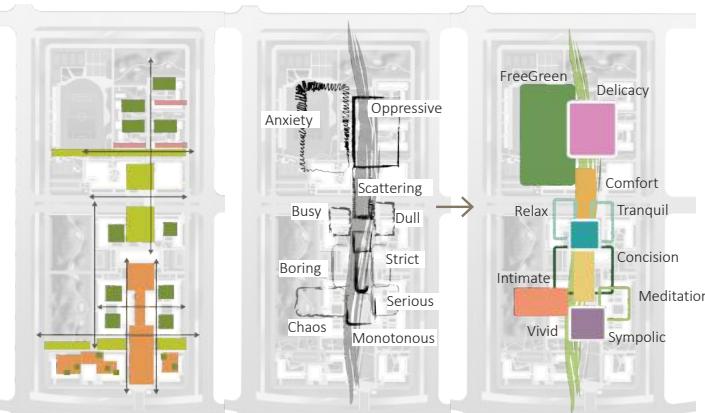
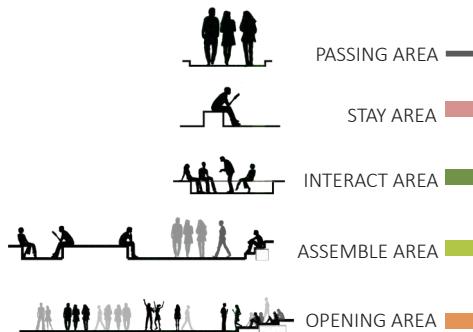
- Dynamic Path
- Space Defined Line
- Landscape Structure
- Pattern

- Space Defined
- Attribute Of Different Spaces
- Behavior Guide

The factor of beauty in Geometry is analyzed by means of aesthetic of Landscape.



## SPACE ATTRIBUTE ANALYSIS



The layout of solar bicycle shed, considering solar analysis:  
 Solar Bicycle shed are located in area with sunlight more than 8hours per day to ensure efficiency of solar panels.  
 The areas, without 8 hours sunlight per day, are defined to be lack of sunlight, such as the area near auditorium. It is not advisable to install solar bicycle shed in these places. Solution: moved solar bicycle shed from place, with etiolated sunshine, to the area in the north of dormitories, which would bring more space for vitality in  
 The area of solar bicycle shed: 3,964 m<sup>2</sup>

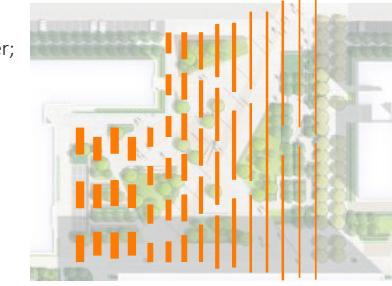
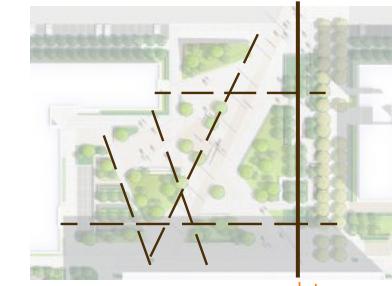
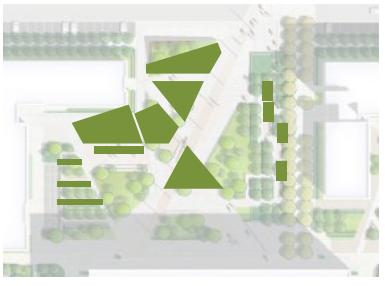
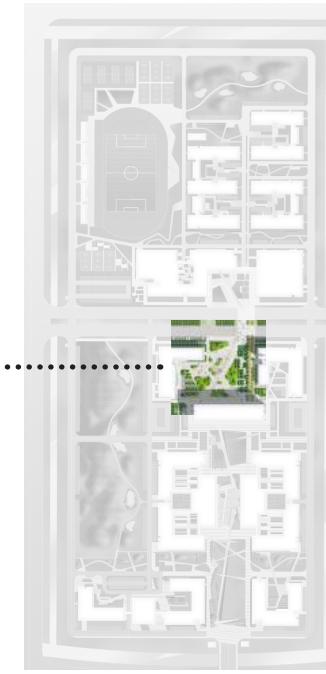


## SOLAR PANEL LOCATION



# HAIHE UNIVERSITY PARK TIANJING BUSINESS COLLAGE

## - AUDITORIUM SPACE SCHEMATIC DESIGN



01

02

03

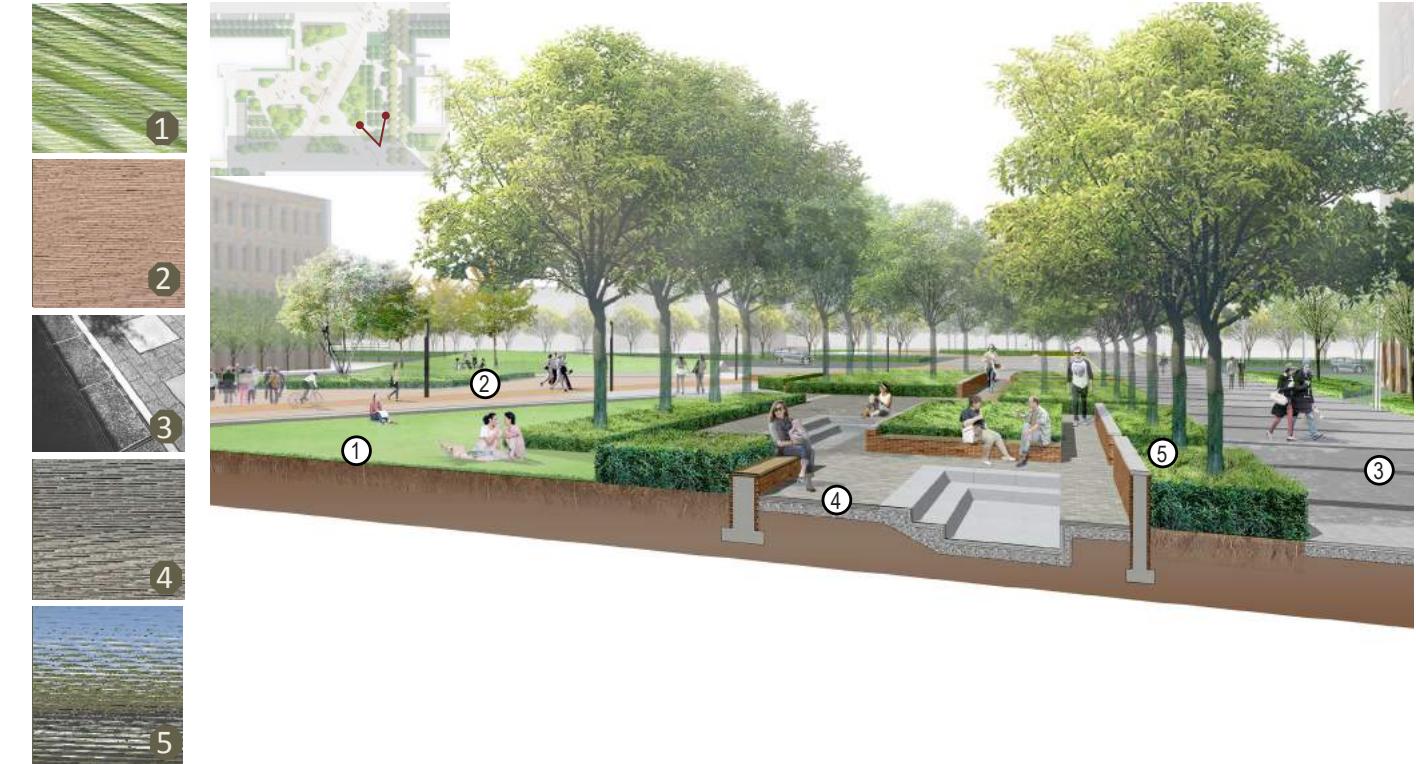
CAMPUS LANDSCAPE

04

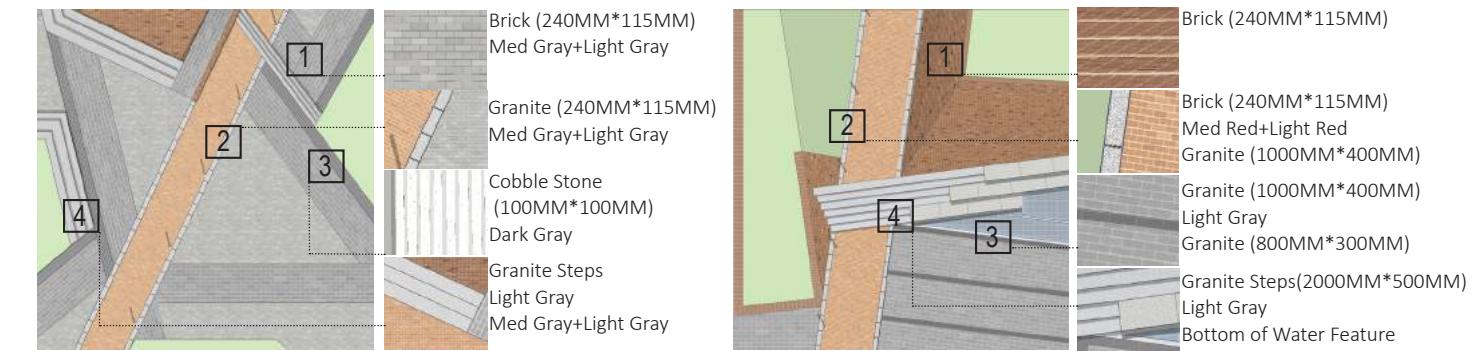
05

06

07



### PAVEMENT DESIGN



### LIGHTING DESIGN



01

02

03

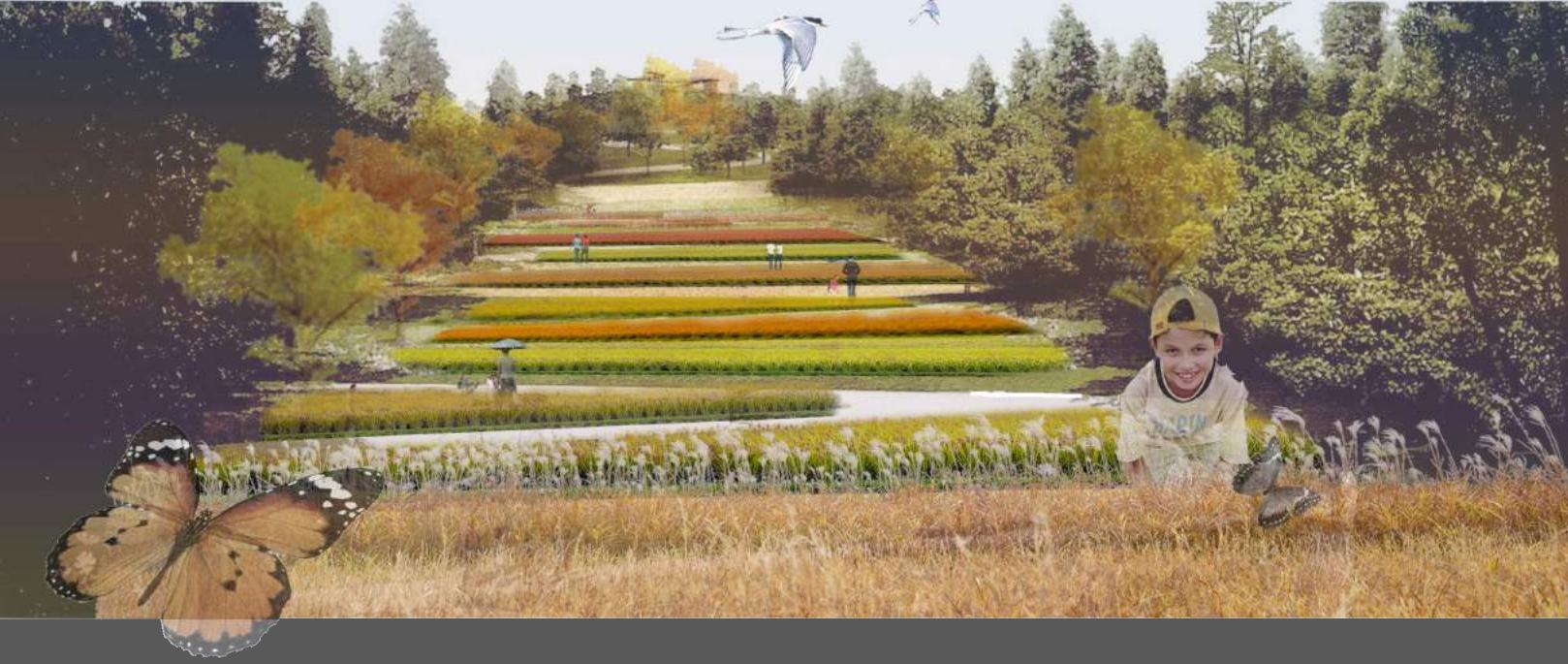
CAMPUS LANDSCAPE

04

05

06

07



## WORK 5 STUDENT COMPETITION

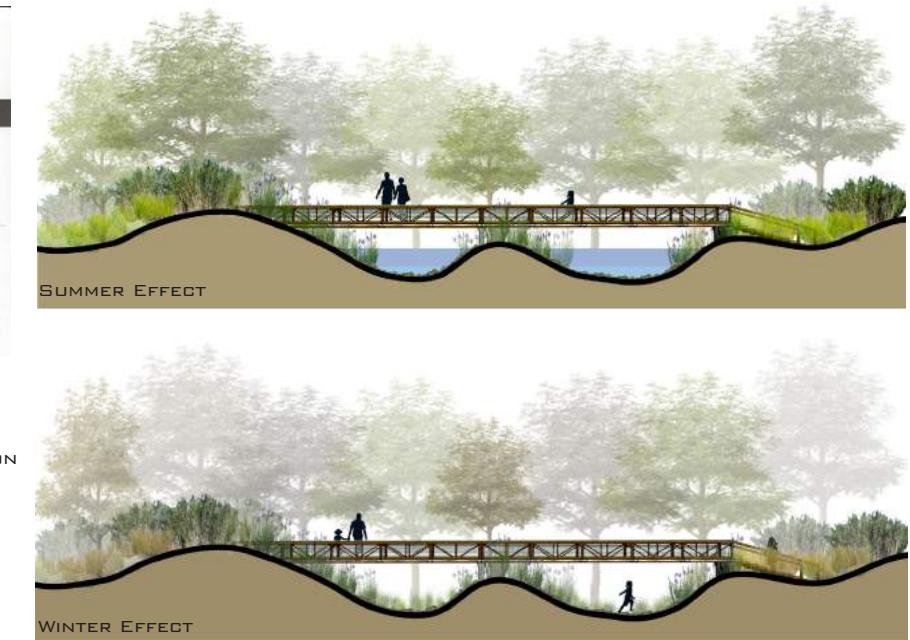
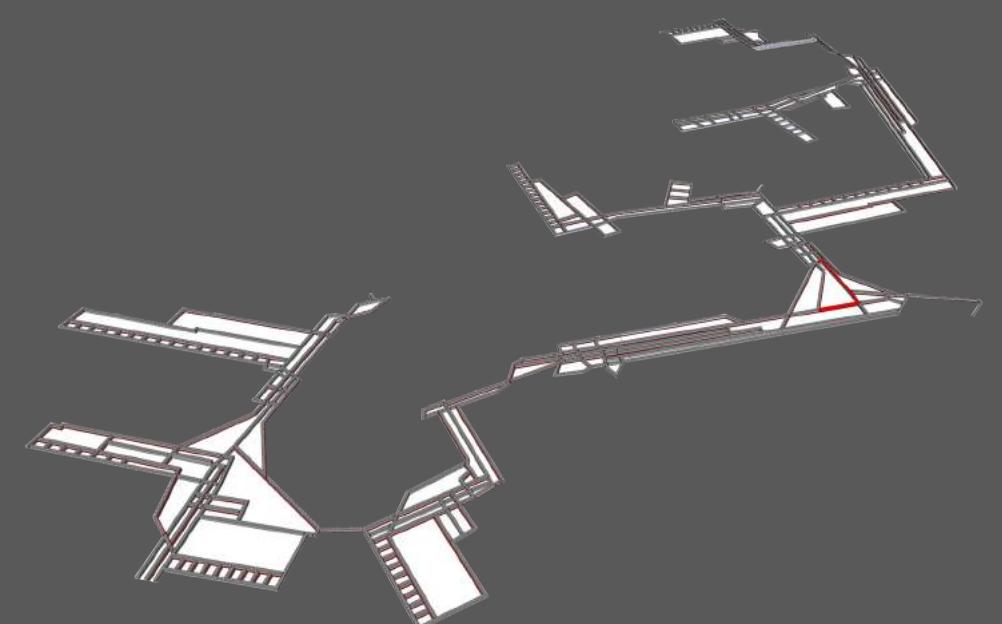
### RESOLVE RENASCENCE

#### The Reasonable Reuse of Abandoned Coal Mine and Urban Garbage

The total rainfall quantum for a whole year of Golmud isn't large, and rains in summer and autumn is significantly more frequent than in winter and spring, leading the surface soil of Golmud quite dry in winter and spring.

And the ecotone is the most affected area by human activity areas. human over-development and farming not only reduces the biomass, but also spur soil physical and chemical properties to make significant changes : more compact soil and destroyed granular structure. Therefore, the field water holding capacity, penetration and fertility decline.

When the city of Golmud is suffering a change from past oasis into barren land in the development of the edge, we should introspect on our behavior, and thus concern more about the edge of the city's ecological environment? With the advent of Rime of the wind, long silence of the land would usher in a new breath and life once more.



#### 1 LOCATION ANALYSIS

Taiyuan city, the capital city of Shanxi province, locates in the eastern part of Shanxi province, the northern part of Northern-china plain .

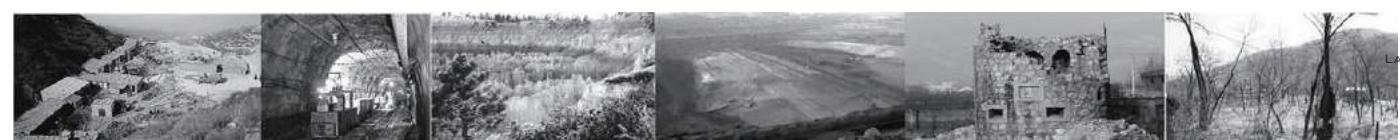
#### 2 PRESENT SITUATION ANALYSIS

Most of the areas are above 1,000 meters in Shanxi province . These mountains and the surrounding foothills of the relative height reached 1,500-2,000 meters. Terrain elevation form an important reason for vertical differentiation in all natural mountain landscape. From the province of view, you will see the mountains and hills on either side , while the central basin and plain during the distribution. Because of the small size of plain and the density of population and economic activity is limited, which restricts the farming industry.

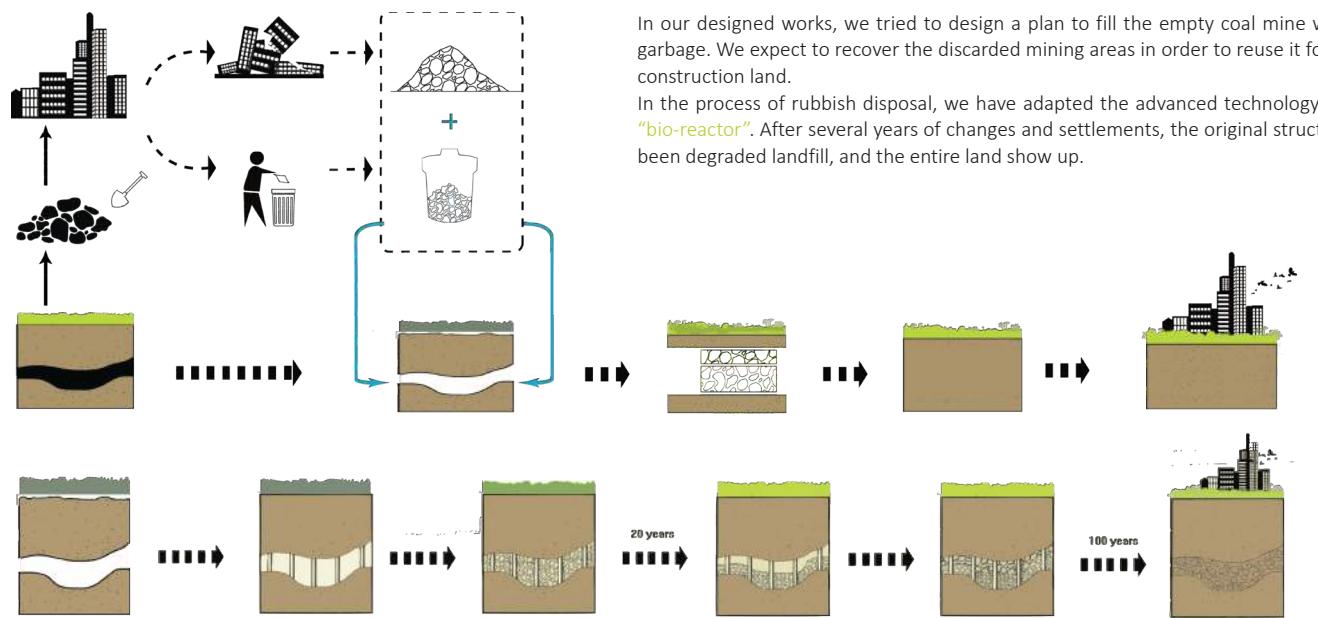


#### 3 STRUCTURE ANALYSIS

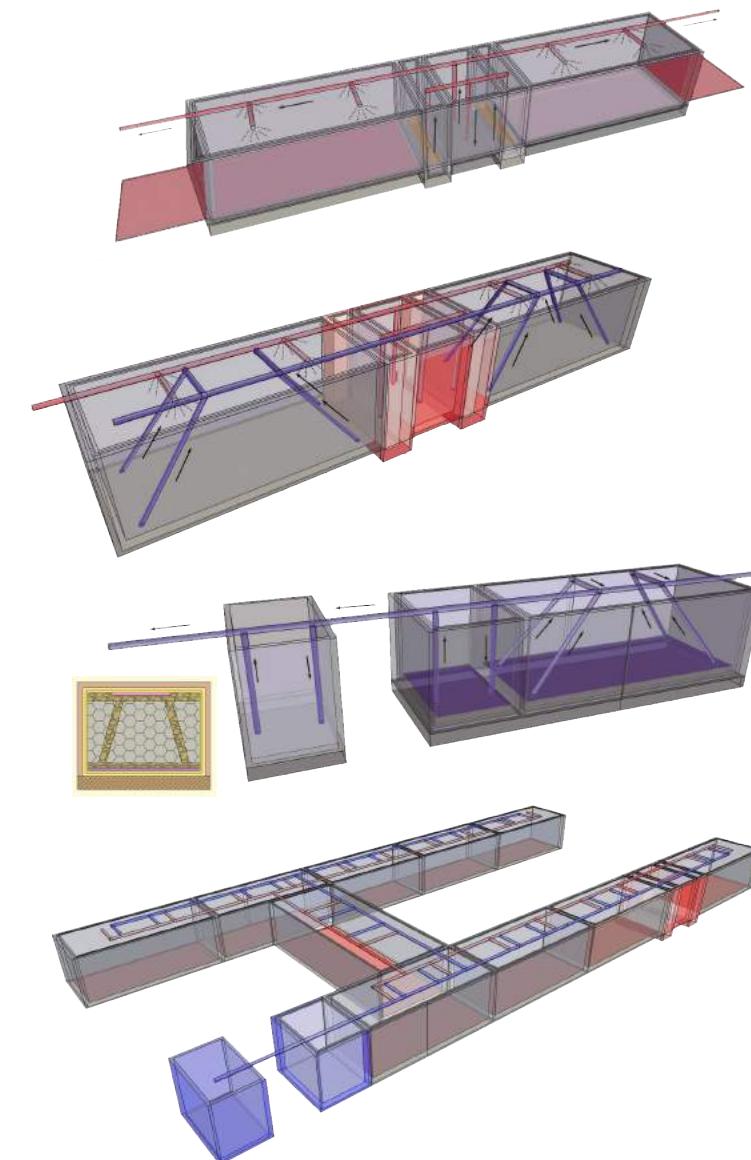
The forest land and the farm land were abundant in the past , the forest cover rate is considerably high . The forest in Taiyuan city district has been reduced since the last century , the virgin forest in Xishan Mountain was destroyed because of the excessive mining . According to statistics, china's urban garbage output has reached 150 million tons by year of 2000, covering up to 60 hectares. When a lot of rubbish occupied the construction land, our underground mining for coal are getting empty. All these have greatly reduced the land resources we can use and affected us seriously.. the capability of resisting the natural disasters in the city was weakened.



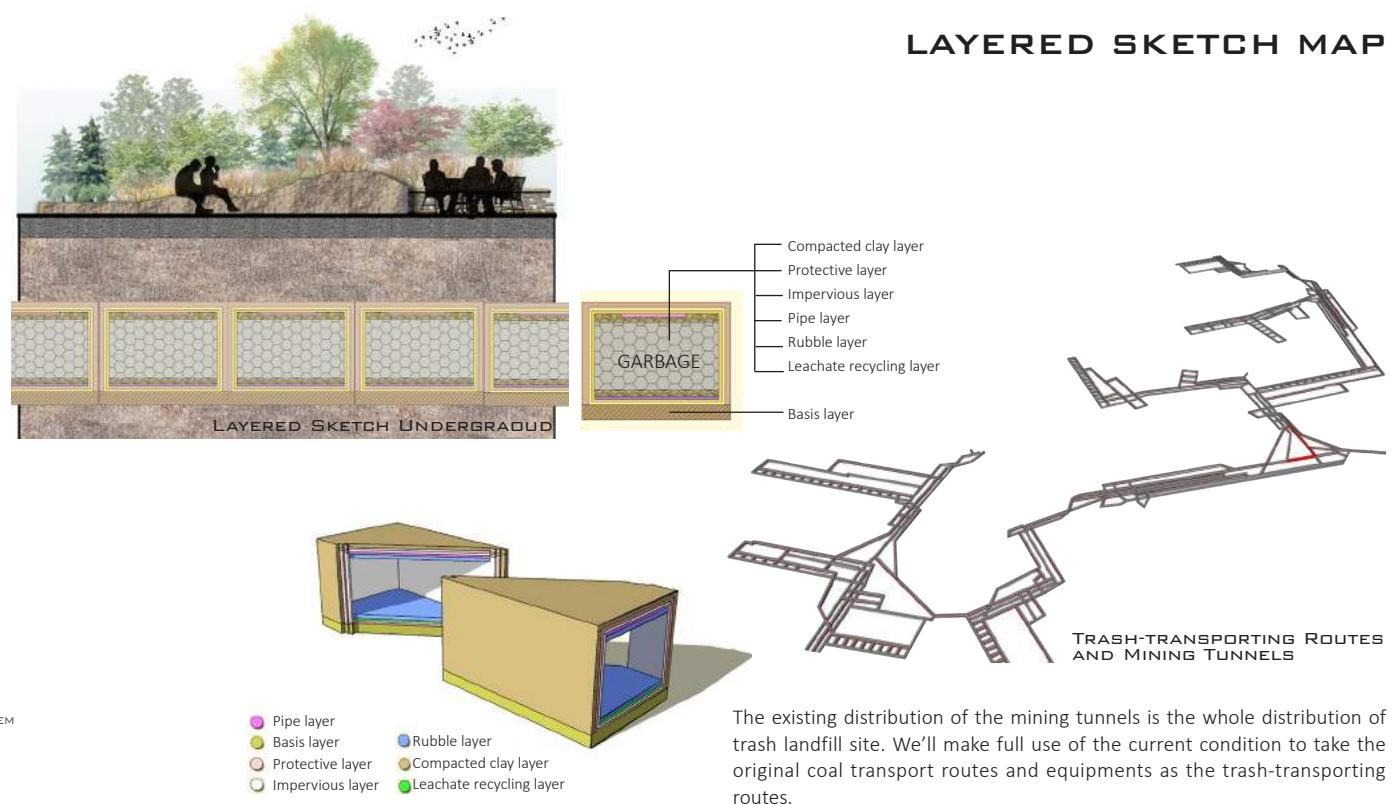
## THE COURSE OF THE EVOLUTION OF RUBBISH



## THE PROCESS OF RUBBISH DISPOSED



## LAYERED SKETCH MAP



The waste leachate are collected by leachate recycling layer transferred to the pool pump regulator, and then by pipeline to transport leachate adjustment pool. Due to lack of water, some garbage disposals maybe not function normally. To speed up the reaction, the Leachate from the pool can be transported by pipeline to the unit.

As shown in the figure, is a group of representative unit of the trash landfill, including some waste disposal units, one pool which used to regulate leachate, two pools for pump and the device to collect the response gas. The whole trash landfill site in the park is consisted of such units.



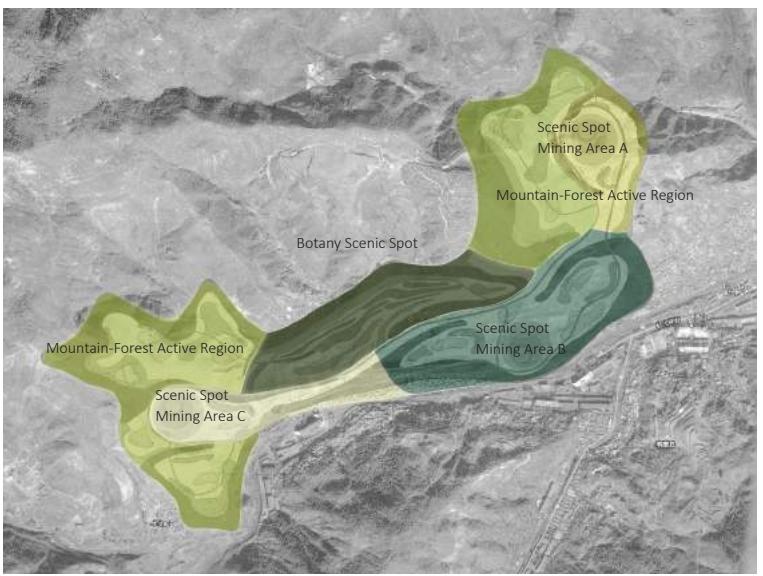
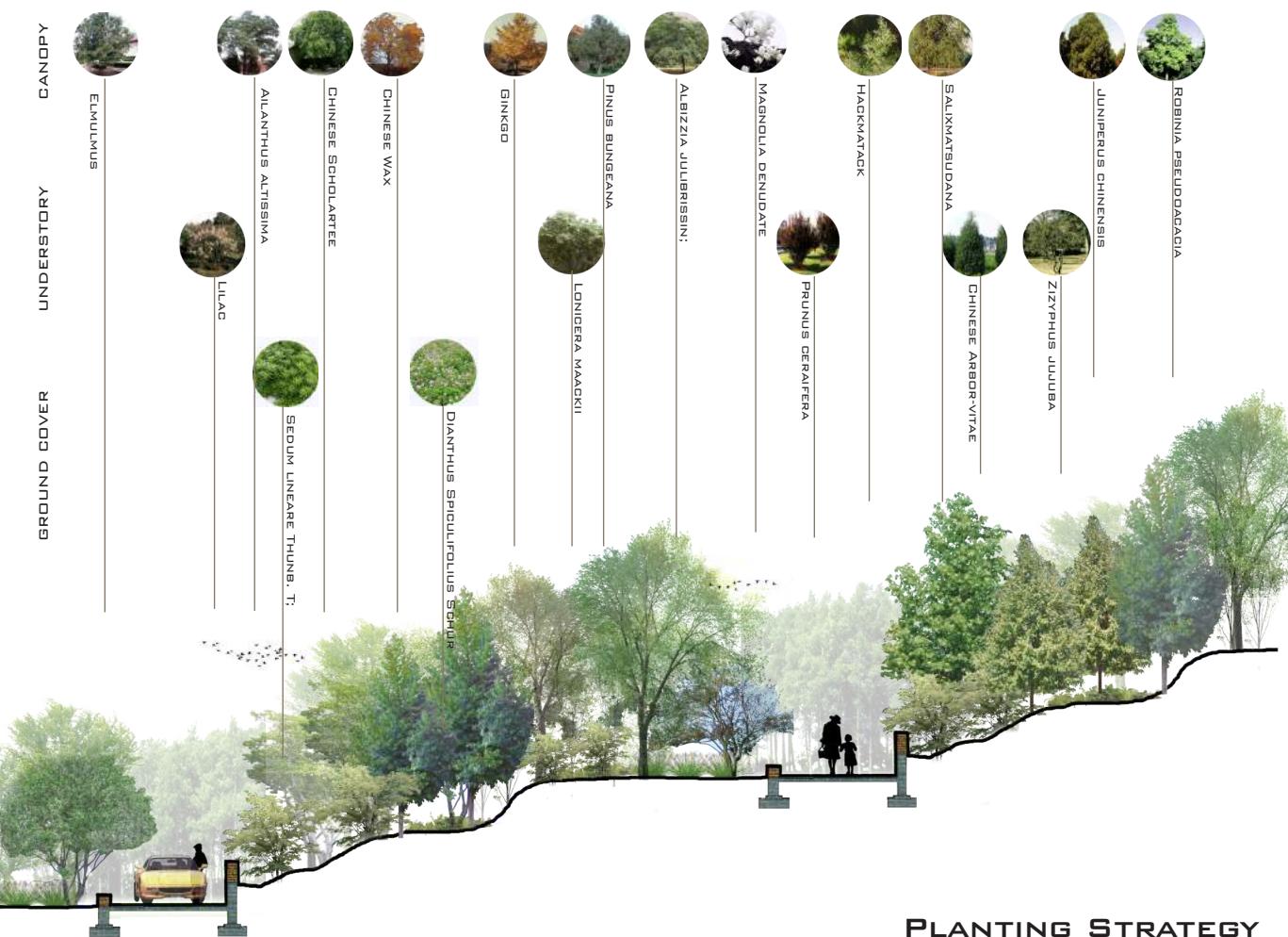
**MASTER PLAN**

Cope with the repairment of underground empty layer we have to carry out the reconstruction program of the whole mining area. The rebuilding plans combined with the initial landforms, which can keep the environment grow healthy and organic, and also can improve the existing bad environment while preserving the memory of coal mine.

Considering residential area fading, the site will be gradually replaced. Environment surrounding would change, then plant may contribute to the view most, avoiding artificial design and enable them to grow organically.

The sight on the hillside mainly is mountain-forest scenic which form a natural boundary, where are left some small sites for to activity for human.

Valley is the main active region in the whole garden, the gamma-radiation which come from the three mine entrance of original site give birth to the new related scenic, such as the wall and trails which record the history of the site meaning as "reform or the evolution of of coal".



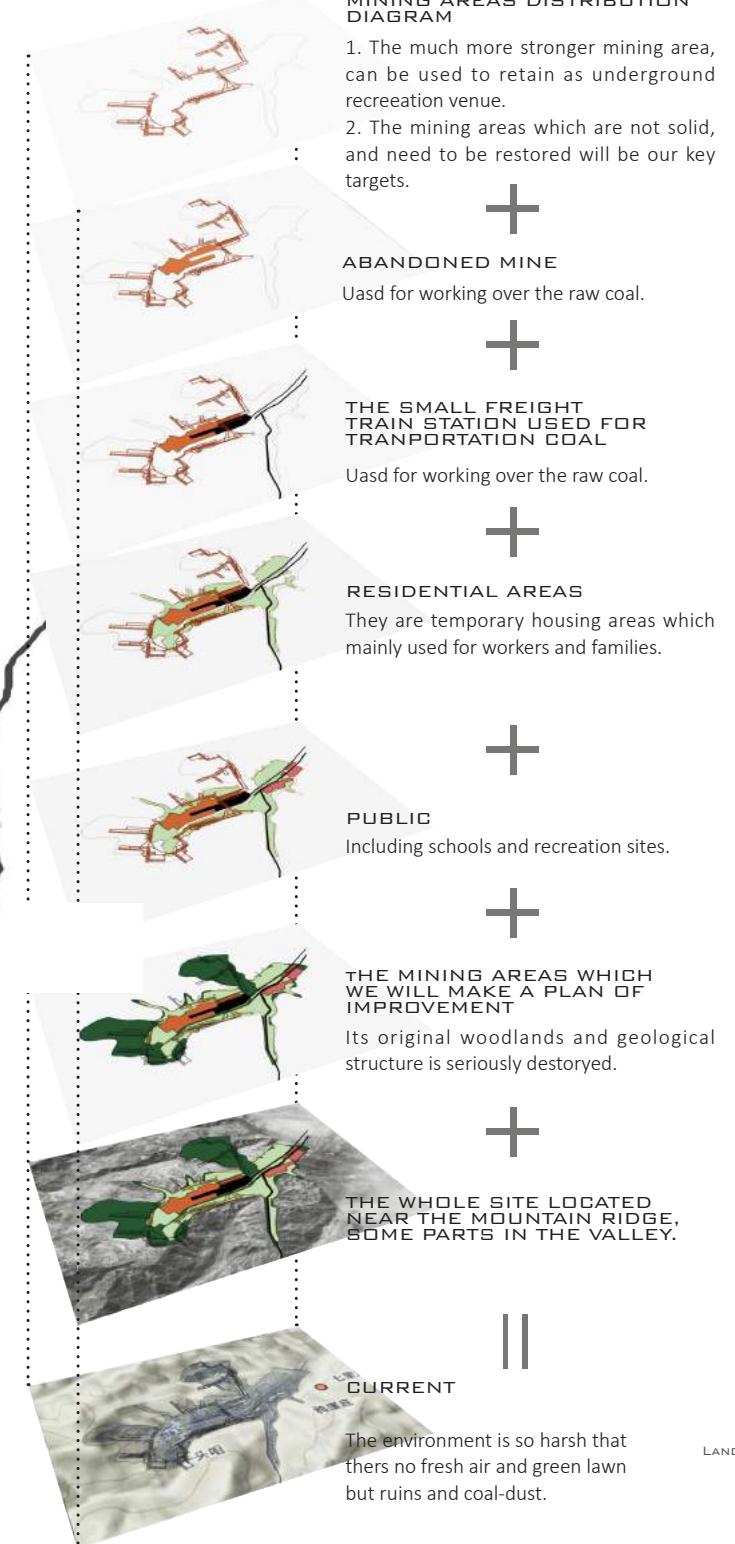
**PLANTING STRATEGY**



Make the abandoned coal mine areas into Greenland

The whole area is divided into five major areas: mountain-forest active region, botany scenic spot, the scenic spot of mining area A, the scenic spot of mining area B, the scenic spot of mining area C.

On the choice of plant species, species which can against pollution and grow in relatively fast speed are our first choices, because they can make the full use of restoring the soil and lightening contamination effect.

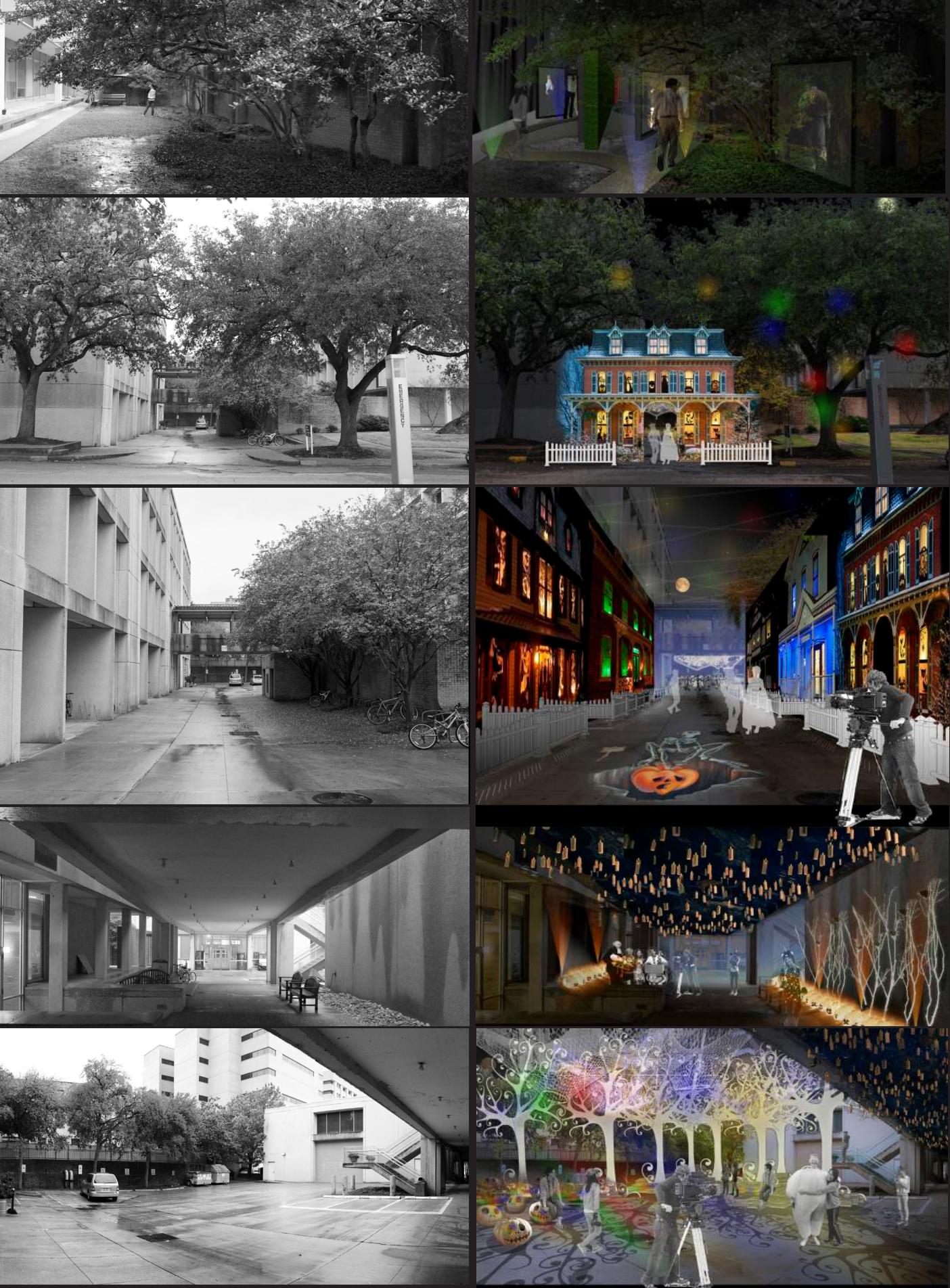
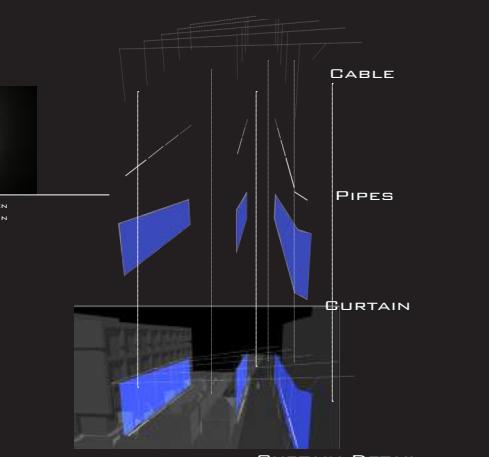


# HALLOWEEN OVERNIGHT PARTY

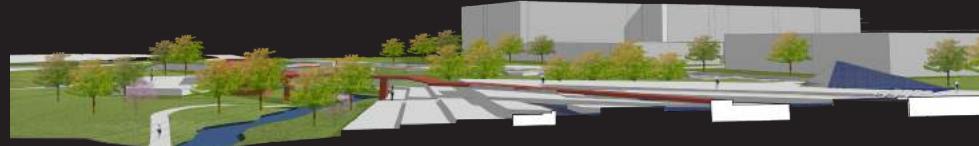
## TEMPERARY LANDSCAPE DESIGN (MATERIAL&STRUCTURE)

Where should a Halloween Party take place? The design aimed at to move indoor halloween party to outdoor for architecture college student in A&M. According to the existing condition, the concept focus on three subject related to halloween\_ ghout town; haunted Garden and forstry party. In the part of forestry party area, the site was separated further to blue trails, yellow trails and party plaza.

The design was required to adopt sustainable temporay materials to construct the installations. the materials list is as followed: wood boards; plastic boxes; cloth curtains; recycling milk bottles; branches; organic pigments and chalks; metal planes; cables; freestanding glass walls; movable lightings and other decorative adorment



Main Fountain Area ——extention of entrance space and Mixed-use space of three main routes.



aquatic plants Area——A retention pond, at the end of the three routes to show interaction among water, nature and human beings.



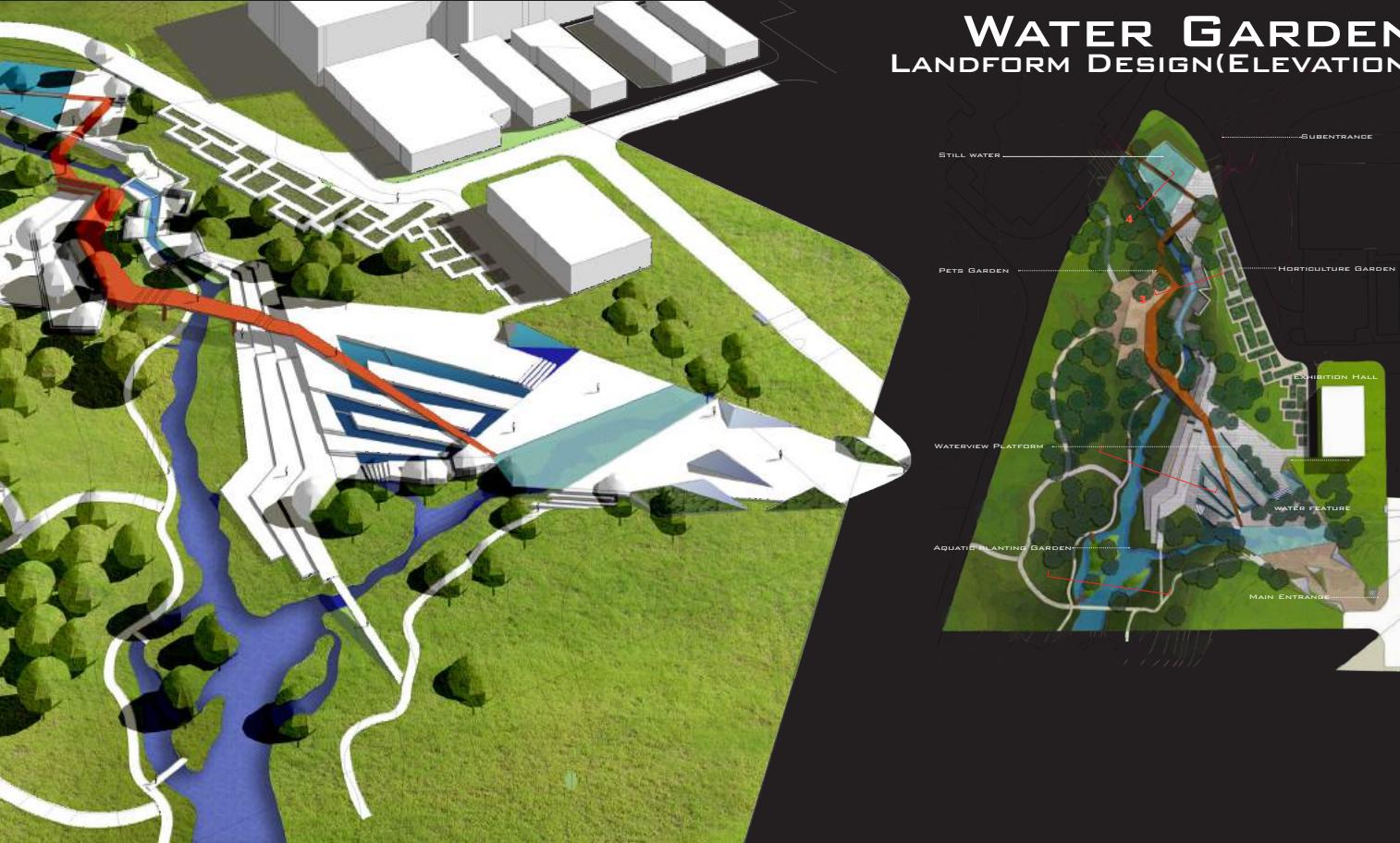
Sunken Pocket Plaza—— A important point for playing water routes and a reservoir for flood.



Still Water Area—— the starting point of the watching water routes.



## WATER GARDEN LANDFORM DESIGN(ELEVATION)



## AGGIE SPIRIT LANDFORM DESIGN(HORIZONTAL)



The site is laied on the main axis of Texas A&M University. the location of near system building contributes it unique site character.

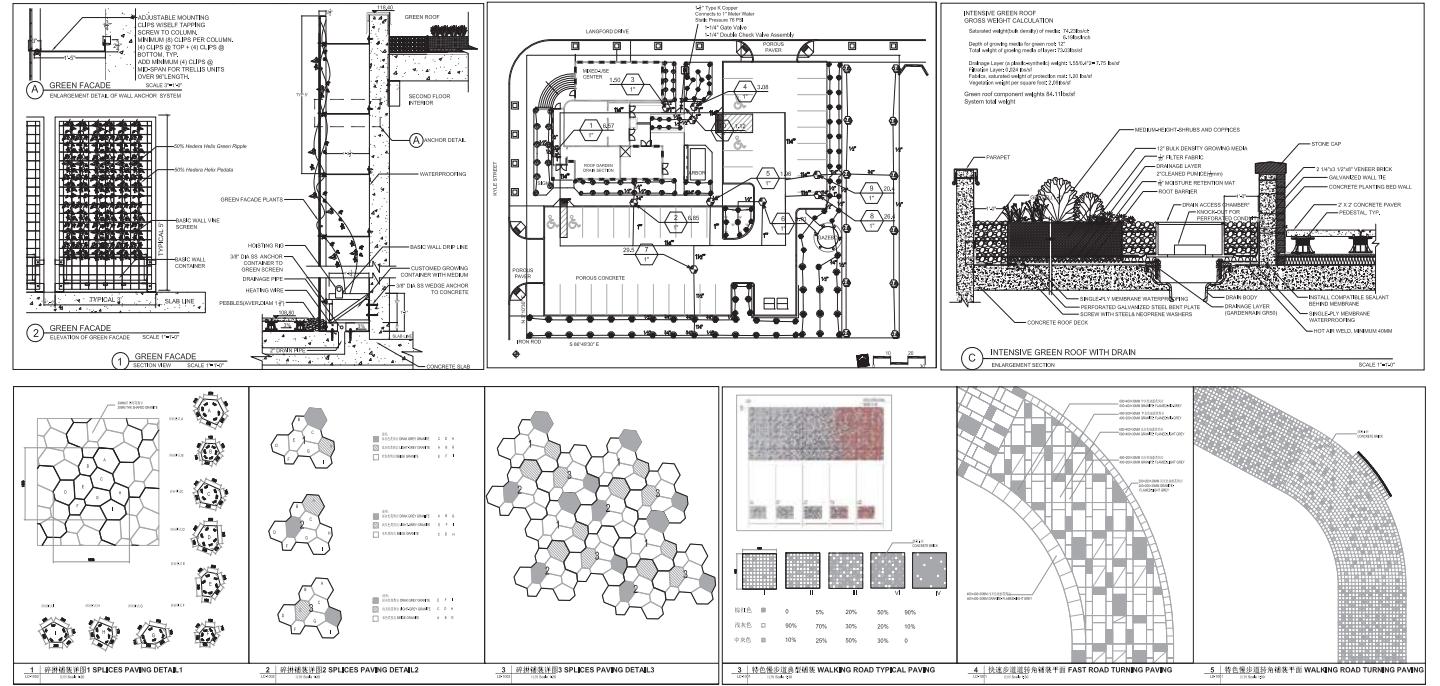
According to circulation study, most users comes from south, which is the direction of Evan Library, MSC and school bus station. On the other hand, visitors for parking lot, on both side of system Building, should be considered in framework of site design.



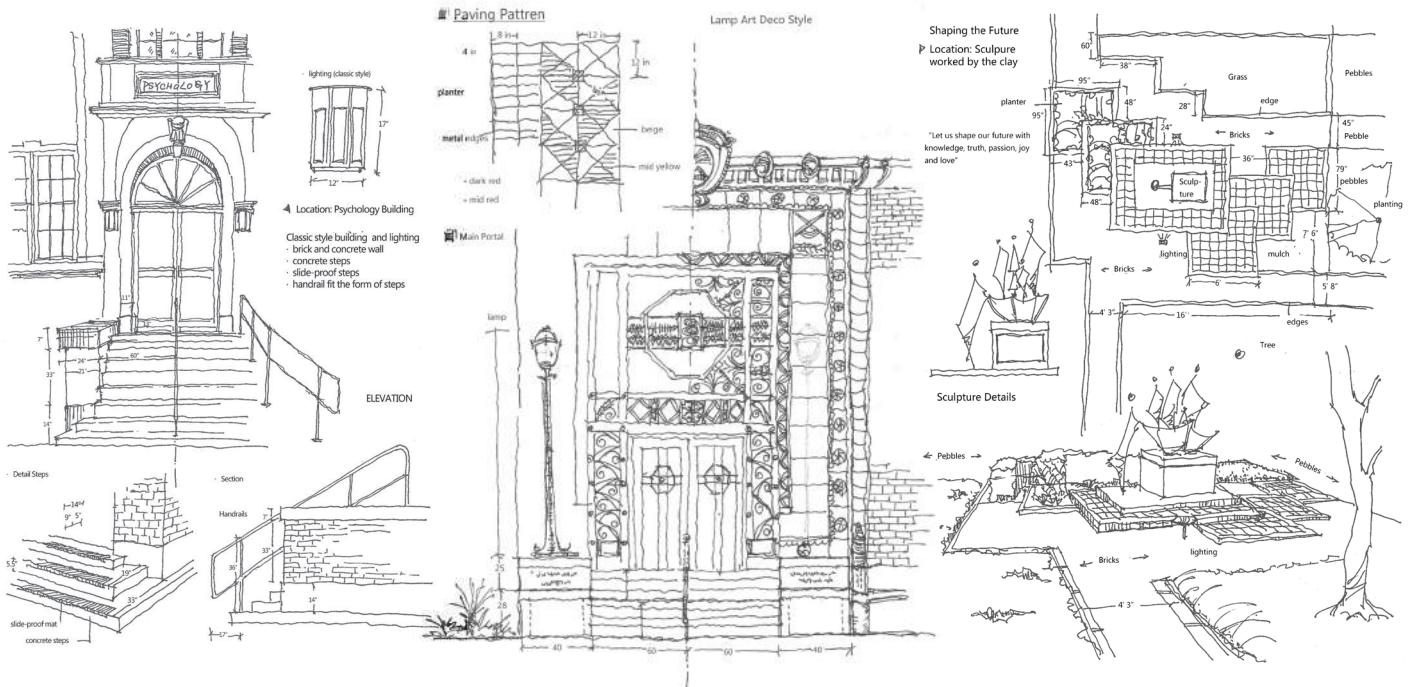
The design , Accroding circulation study and the condition of existing planting , set the north side as the main enternce. a main axis go through the site diagonally, while a other road with more free style combines other two points.



## CONSTRUCTION DESIGN



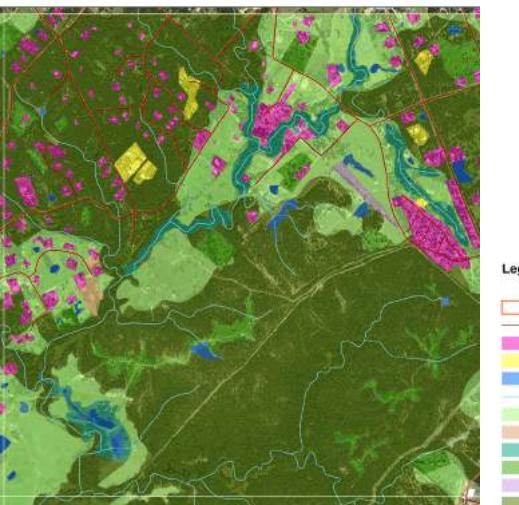
## ON-SITE SKETCH



## MARKER RENDERING



**GIS SOLUTION**  
Watershed and Drainage Network- Brazos County



## WATER COLOR



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