

YUTING LIU

LANDSCAPE ARCHITECTURE PORTFOLIO

2013-2015

Table of Contents

- 1 Community Planning**
Bridgeport Eco Tech Park Micro- Scale Planning & Design
Fall 2015 Bridgeport, CT
- 5 Site Design**
Oak Lawn - University of Connecticut Campus
Spring 2014 Storrs, CT
- 7 Planting Design**
Residential Landscape
Spring 2014 Matunuck, RI
- 9 3D Form Making**
Spatial Organization
Creating Meaning
Fall 2014
- 11 Internship**
Chang Ming Dent Ta Square Landscape
Zhumadian Sand Silted Landscape Engineering Design
Summer 2015 Turenscape ,Beijing, China
- 13 Art Exploration**
Acrylic Painting
Photography Work

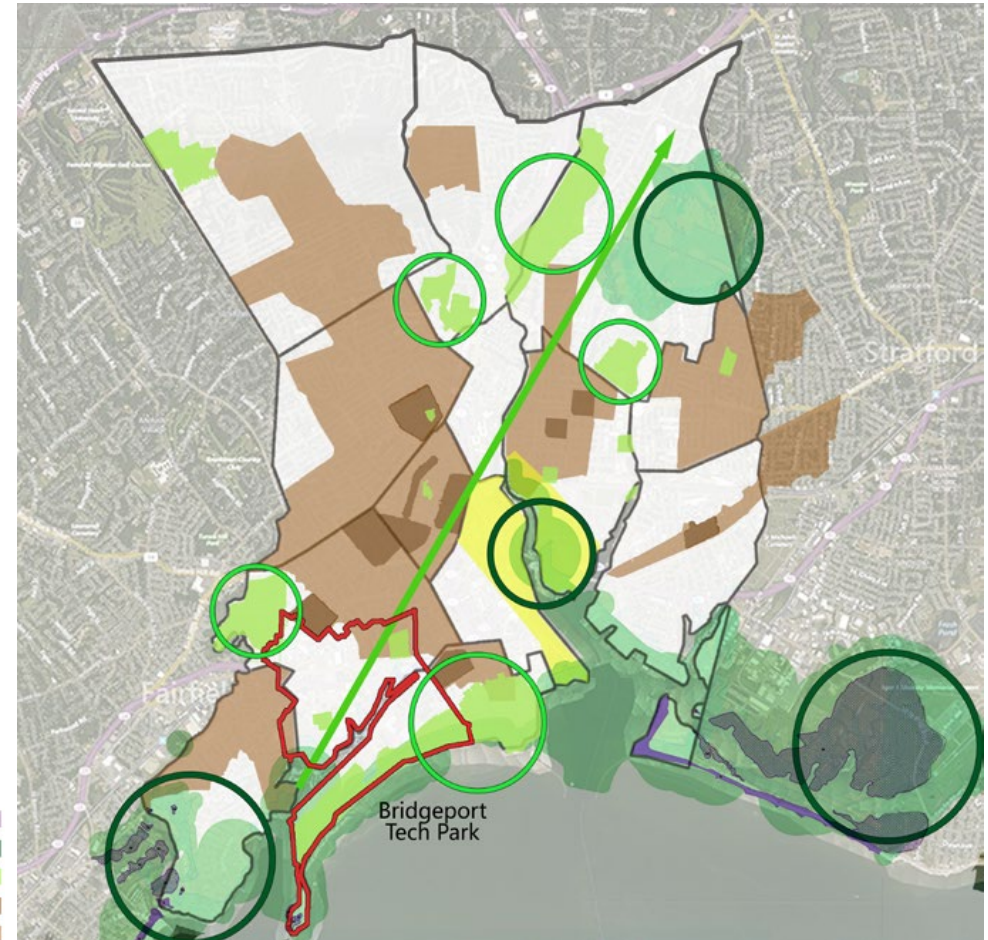
Community Planning: Bridgeport Eco Tech park



Northeastern United States is a major migration corridor for Monarch Butterflies. My vision is to enhance butterfly habitat in the Bridgeport in light of heavy urbanization and climate change effects which threaten butterfly populations.

Goal:

1. Create comprehensive habitat zones for the Eco-Tech Park to integrate ecological diversity through the whole district
2. Develop a system of public spaces
3. Create a specific place for viewing the migration of Monarch Butterfly



Critical Habitats
Natural Diversity
Urban Park
Population 10,000-25,000
Population 25,000-100,000

City Wide Summary Analysis

City Wide Analysis Conclusions:

1. Existing coastal habitats is an opportunity to attract butterflies and other wildlife animals
2. Various areas of open space across the city compose a unified network of urban parks
3. Potential to increase biodiversity along river



critical habitat

+



natural diversity

+



human population



street

+



green open space

→



District Summary Analysis

- Green Open Space
- Residential Area
- Parks with Proposed Development
- Population 10,000-25,000
- Population 25,000-100,000

District Analysis Conclusion

1. Existing roads lack a regular pattern
2. Lack of connections between the existing parks
3. Residential areas need more parks
4. Waterfront lack interest

Landmark:

1. Butterfly inspired life cycle sculpture in each residential area
2. Waterfront park gateway
3. Butterfly migration viewing tower



Node:

1. Urban park playground and picnic area
2. Butterfly garden
2. Waterfront nodes on the edge of the Burr Creek



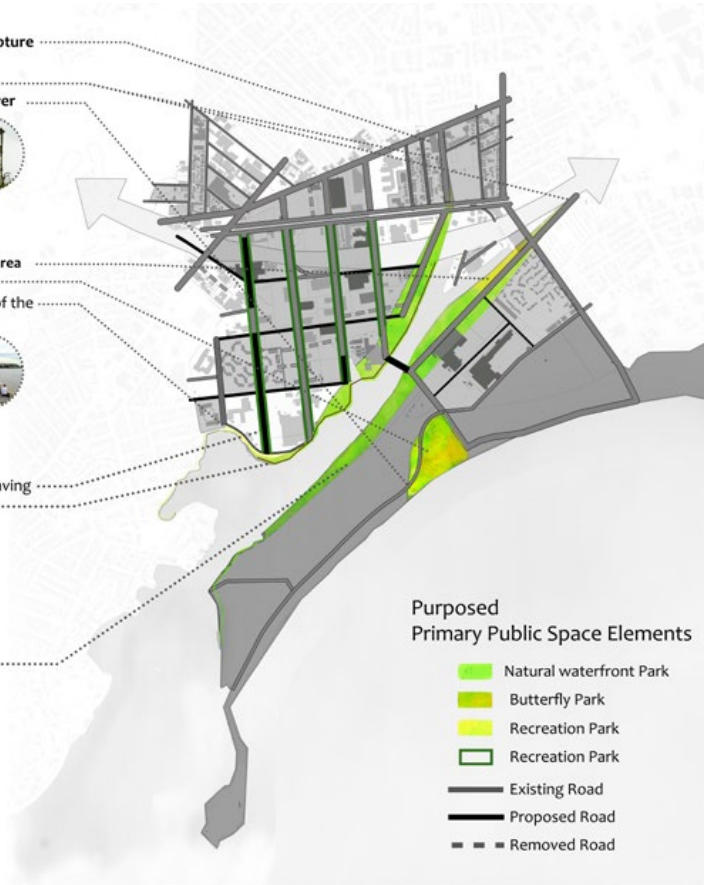
Street:

1. Green streets with permeable paving
2. Boardwalk along the water edge



Edge:

1. Waterfront Park



Purposed Primary Public Space Elements

- Natural waterfront Park
- Butterfly Park
- Recreation Park
- Recreation Park
- Existing Road
- Proposed Road
- - - Removed Road

Residential Habitat Integration:

1. Front/backyard flowering garden
2. Community Garden in the neighborhood



Urban Park Habitat Integration:

1. Butterfly garden integrated in the recreation use urban park



Eco-Industrial Habitat Integration:

1. Green roof on several flat-roof buildings
2. Industrial wilderness area in the waterfront park behind the Wheelabrator Bridgeport



Naturalized Habitat Open Space:

1. Multi-species meadow to attract butterflies

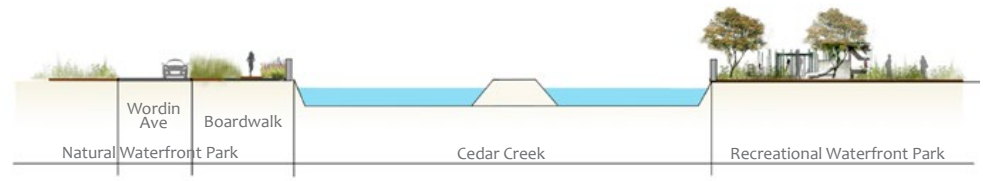
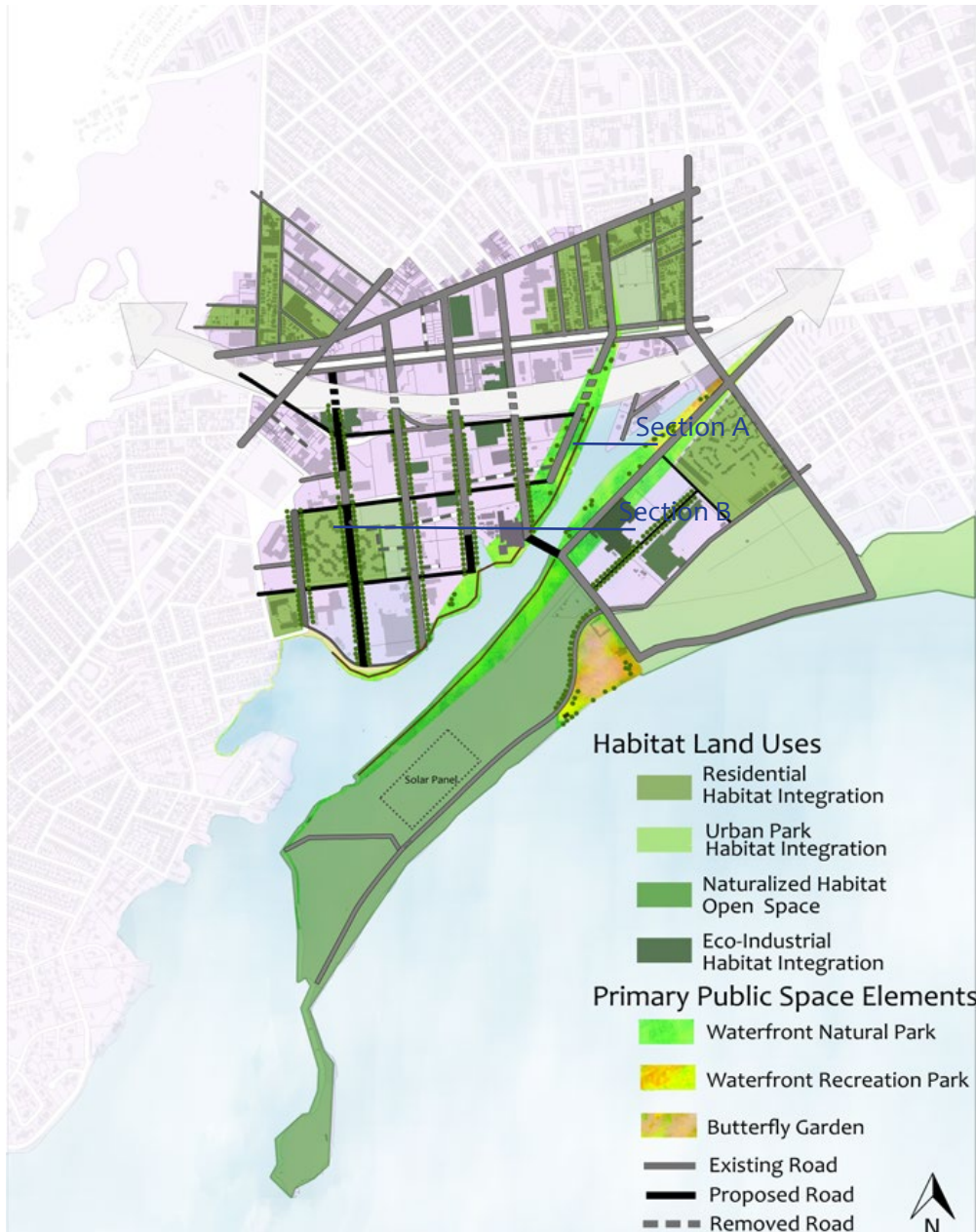


Purposed Habitat Land Uses

- Residential Habitat Integration
- Urban Park Habitat Integration
- Eco-Industrial Habitat Integration
- Naturalized Habitat Open Space
- Green Roof
- Existing Road
- Proposed Road
- - - Removed Road



Overall Plan



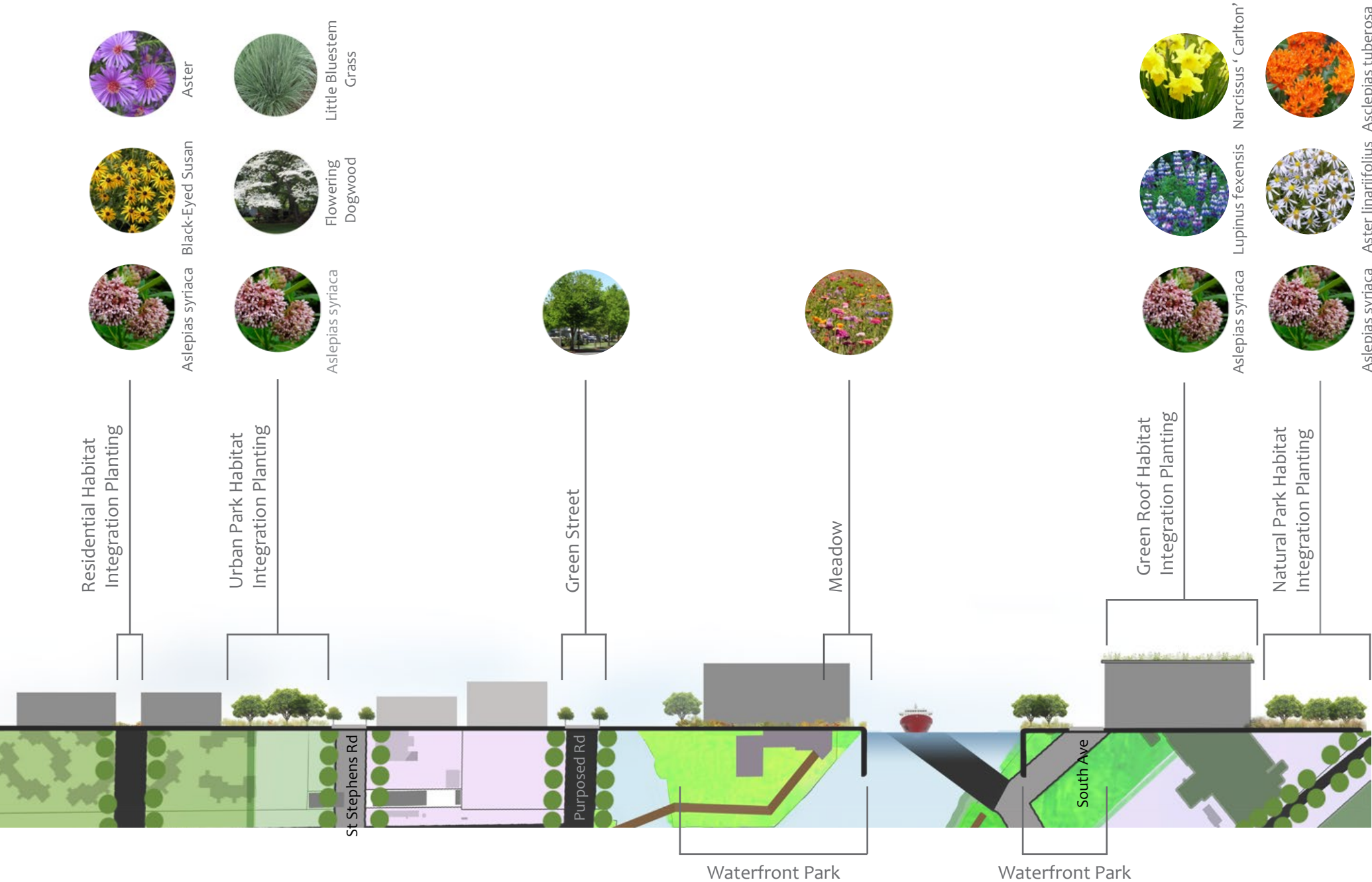
Purposed Creek Side Public Space (Section A)



Purposed Butterfly Garden



Purposed Waterfront Park



Purposed Habitat Transect (Section B)

Oak Lawn- University of Connecticut Campus

With the new Oak Lawn redesign, my vision is to emphasize its sense of natural woodland and develop its cultural features within district zones.

Goal:

1. Create strong cultural views and natural views
2. Create a strong node for the South Woodland Corridor
3. Make the site a destination

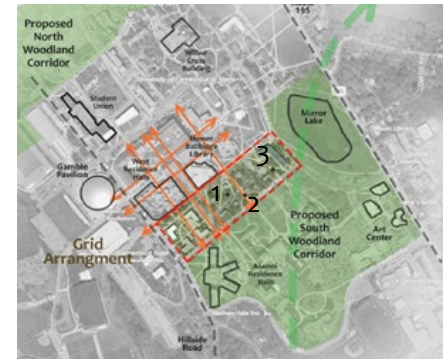
Site Design Plan



Cultural Design Elements:



Natural Design Elements:

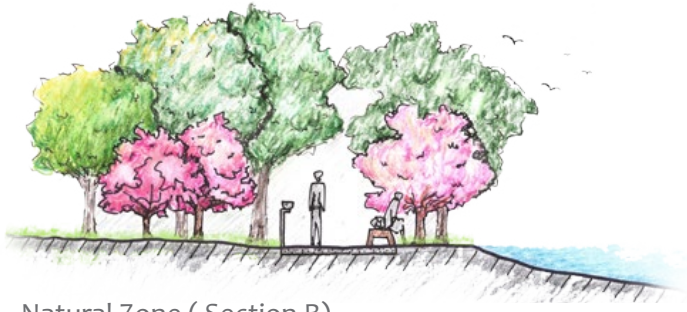




Site Detailed Plan



Cultural Zone (Section A)



Natural Zone (Section B)

Residential Planting Design

This 1904 School House in Rhode Island has been converted into a residence. The clients are educators and wish to have a landscape design that interprets some historic aspects.

Rhode Island is one of the Thirteen Colonies that revolted against British rule in the American Revolution. My vision is to create thematic gardens that use plants native to each of the thirteen colonies.



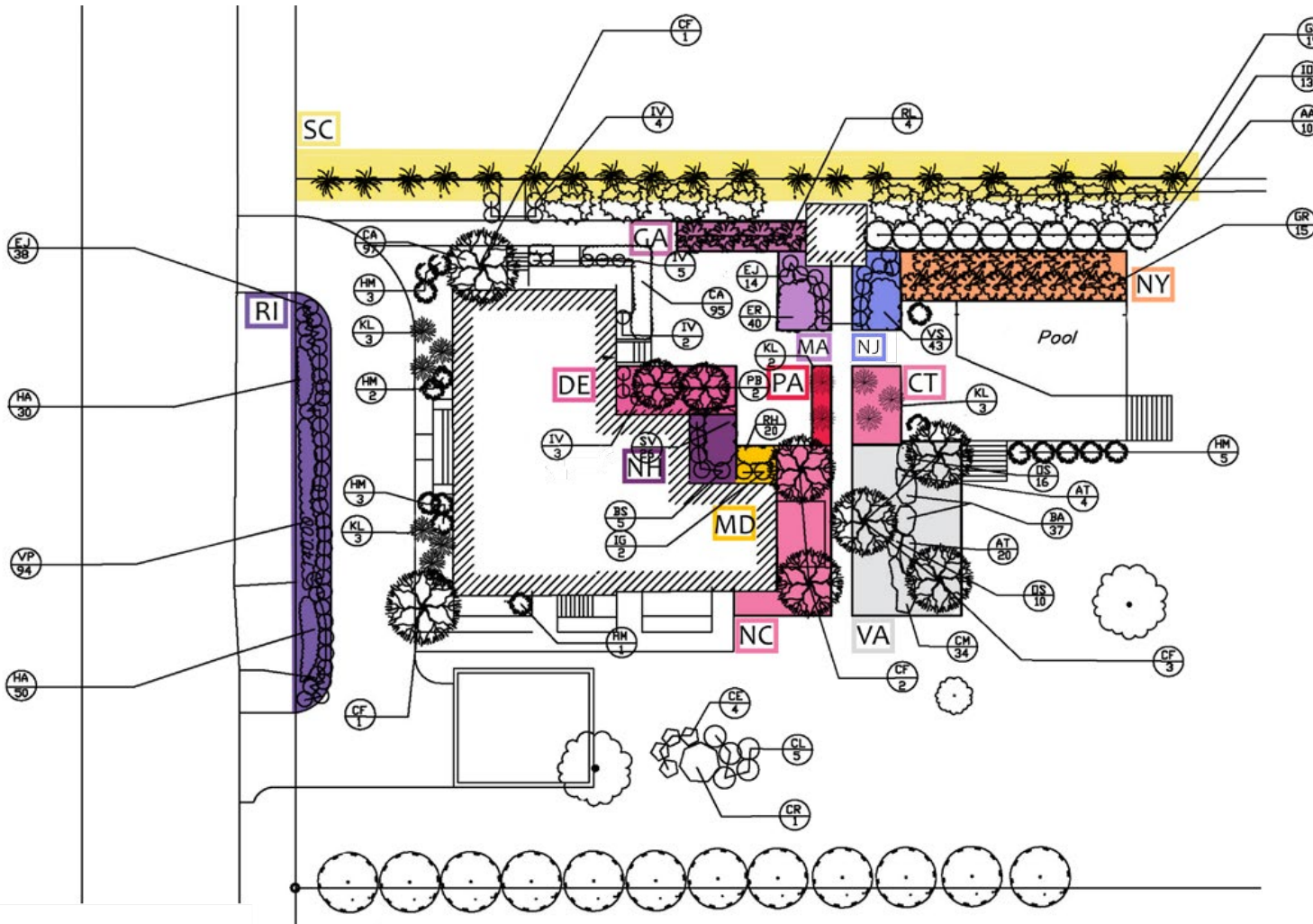
The Thirteen Colonies
















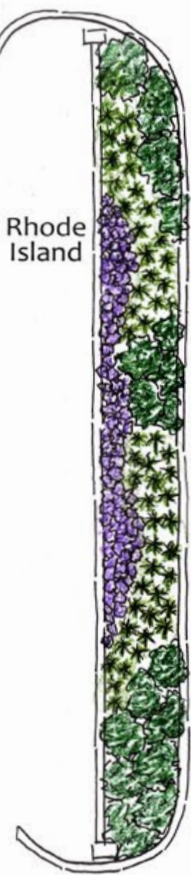
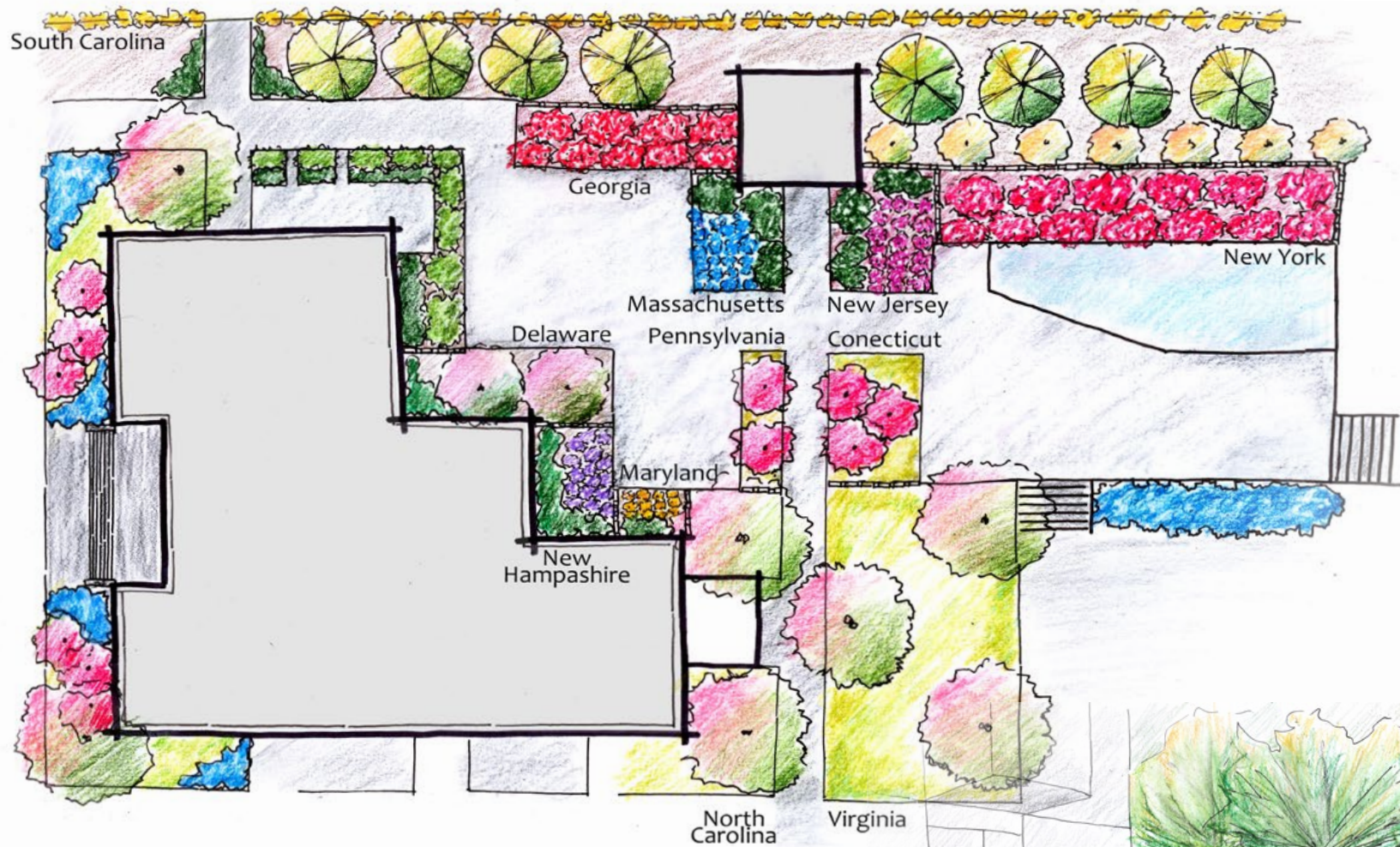
Rhode Island



Matunuck School House
Rural coastal community



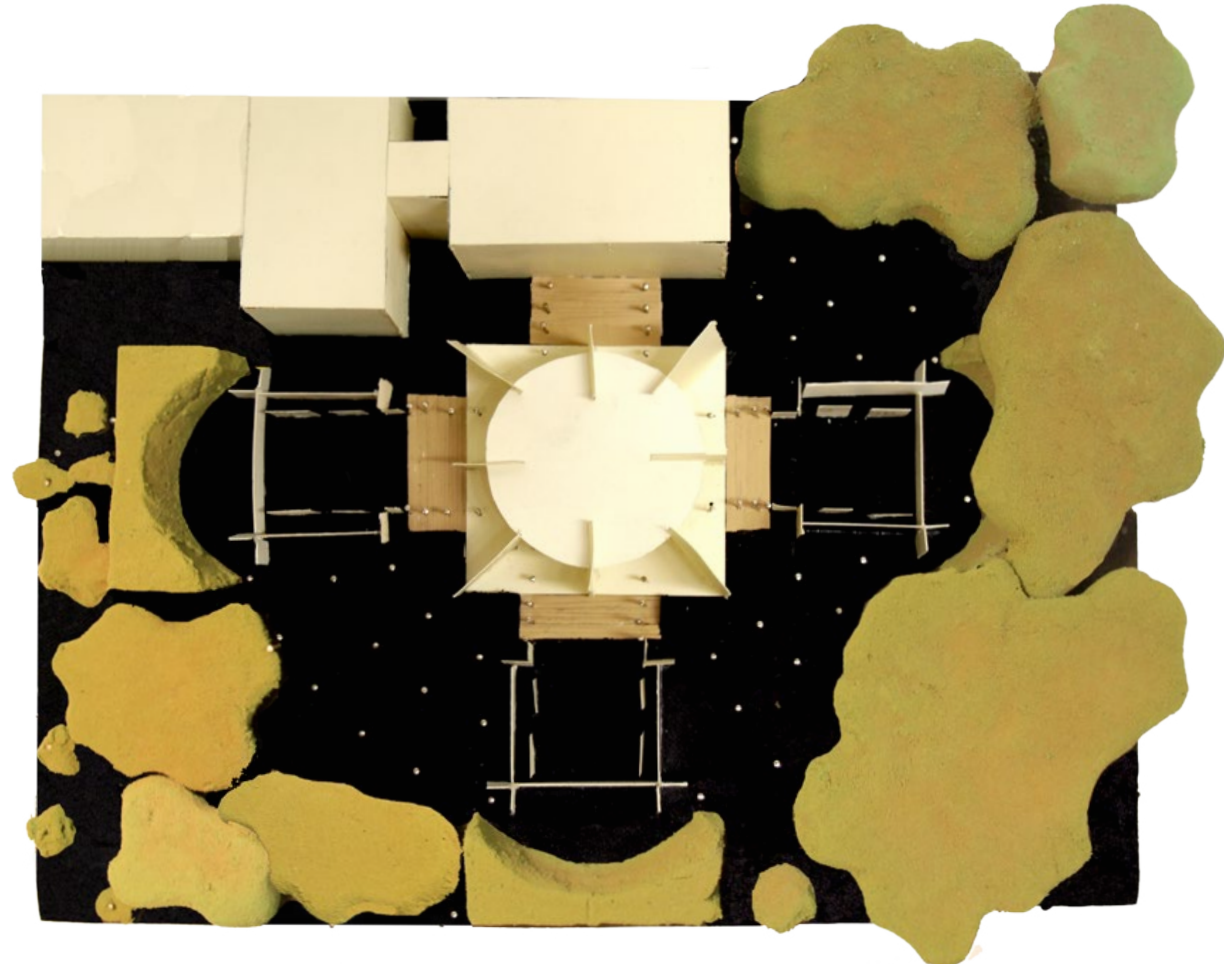
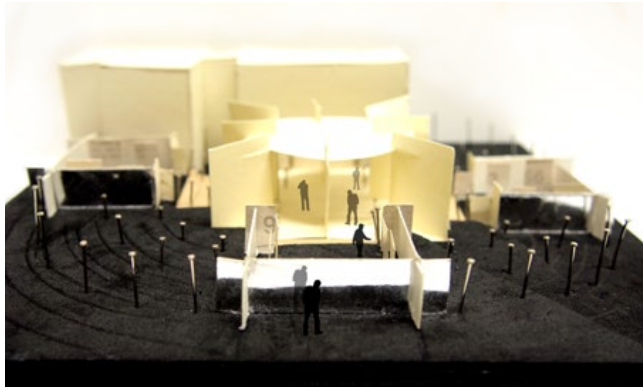
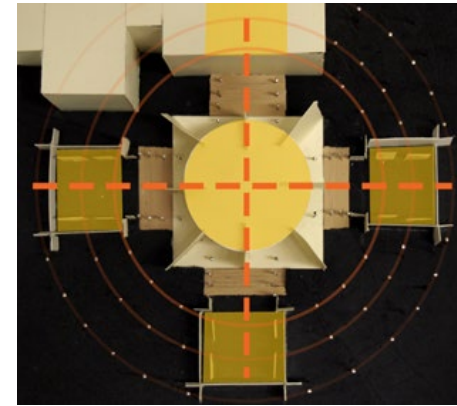
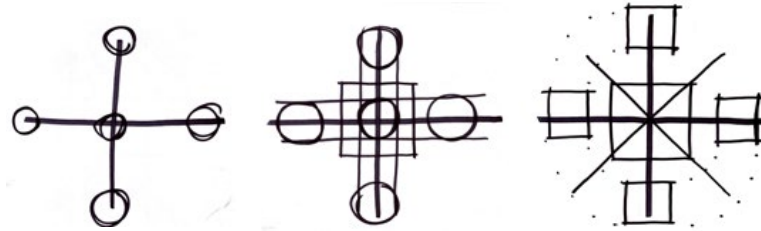
- 
Syringa vulgaris
New Hampshire
- 
Epigaea repens
Massachusetts
- 
Rosa laevigata
Georgia
- 
Viola palmata
Rhode Island
- 
Viola sororia
New Jersey
- 
Kalmia latifolia
Pennsylvania
- 
Peach blossom
Delaware
- 
Cornus florida
North Carolina
- 
Kalmia latifolia
Connecticut
- 
Genus rosa
New York
- 
Rudbeckia hirta
Maryland
- 
Gelsemium semper
South Carolina
- 
Cornus florida
Virginia



3D Form Making: Spatial Organization

Design for a Studio Complex

This project required the use of one primary type of spatial organization to develop a plan for linked indoor and outdoor studio spaces. I used a **centralized organization** to lay out four required spaces: **three studios and two presentation rooms**. Centralization is one of the strongest organizations, and my use of the grid and regular shapes creates a formal and clean scheme. The surrounding landscape provides hierarchy and balance between the architecture and the site.

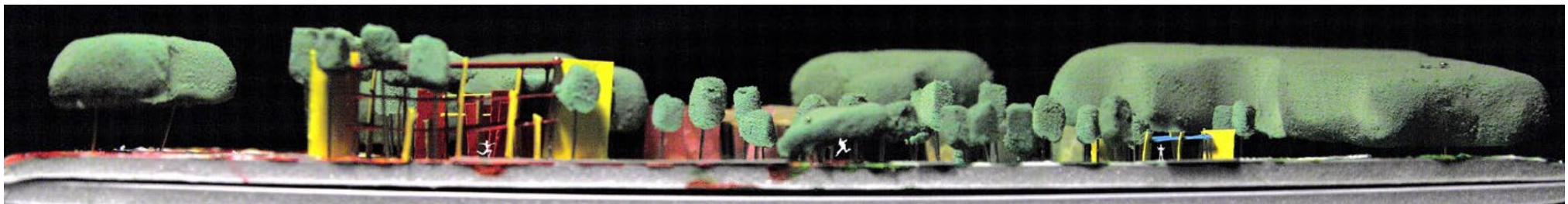


3D Form Making: Meaningful Landscape



Design for a Romantic Landscape

We were charged with finding an image that conveyed the qualities of a romantic landscape and dramatically developing an urban plaza inspired by this landscape. A second client came to own the plaza and loved the work of Le Corbusier. We then needed to create interventions inspired by Le Corbusier to improve the landscape



Landscape Design Intern | June 2015-August 2015
Dept. of Landscape Architecture, Turenscape, Beijing, China

Longfu Temple Chang Ming Deng Ta Square Landscape

Built in the 6th Century the period of the Chinese Tong Dynasty, Longfu Temple is a Buddhist temple with traditional Chinese architecture and especially the Chang Ming Deng Ta Tower. The program is to design a wonderful landscape around the Chang Ming Deng Ta and create a sense of peace and quiet space for people who come to visit and pray.

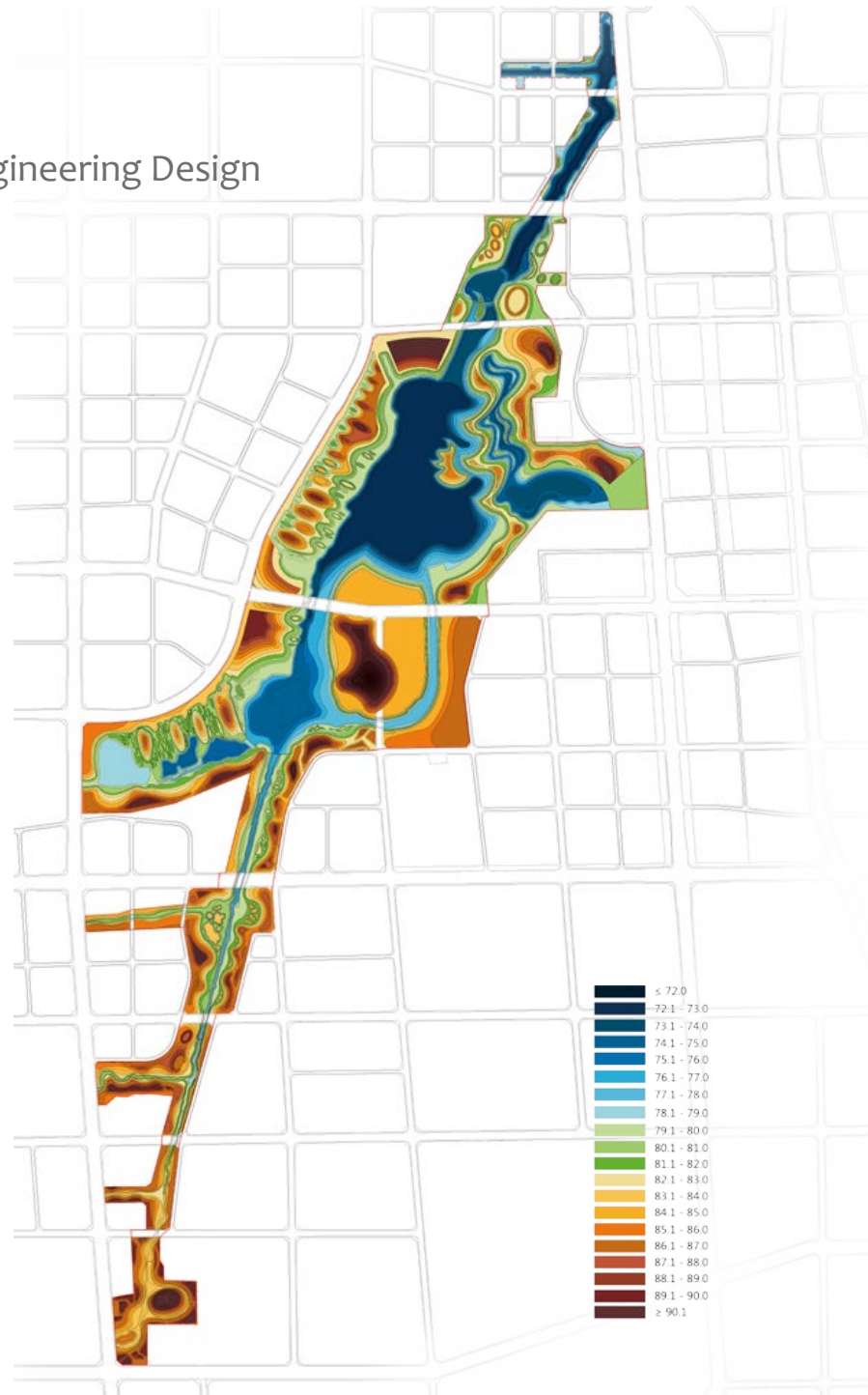
My contribution consisted of the plan, perspective graphics and the sketch-up model of the square.



Zhumadian Sand Silted Landscape Engineering Design

Zhumadian Park is one of the biggest parks in the city of Zhumadian in Mideast China, which is surrounded by dense neighbourhoods and supplies a concentration of play and sport opportunities. Introducing the Sponge City concept in the park helps the city easily manage urban flooding and efficiently purify and collect the runoff during the rainy season.

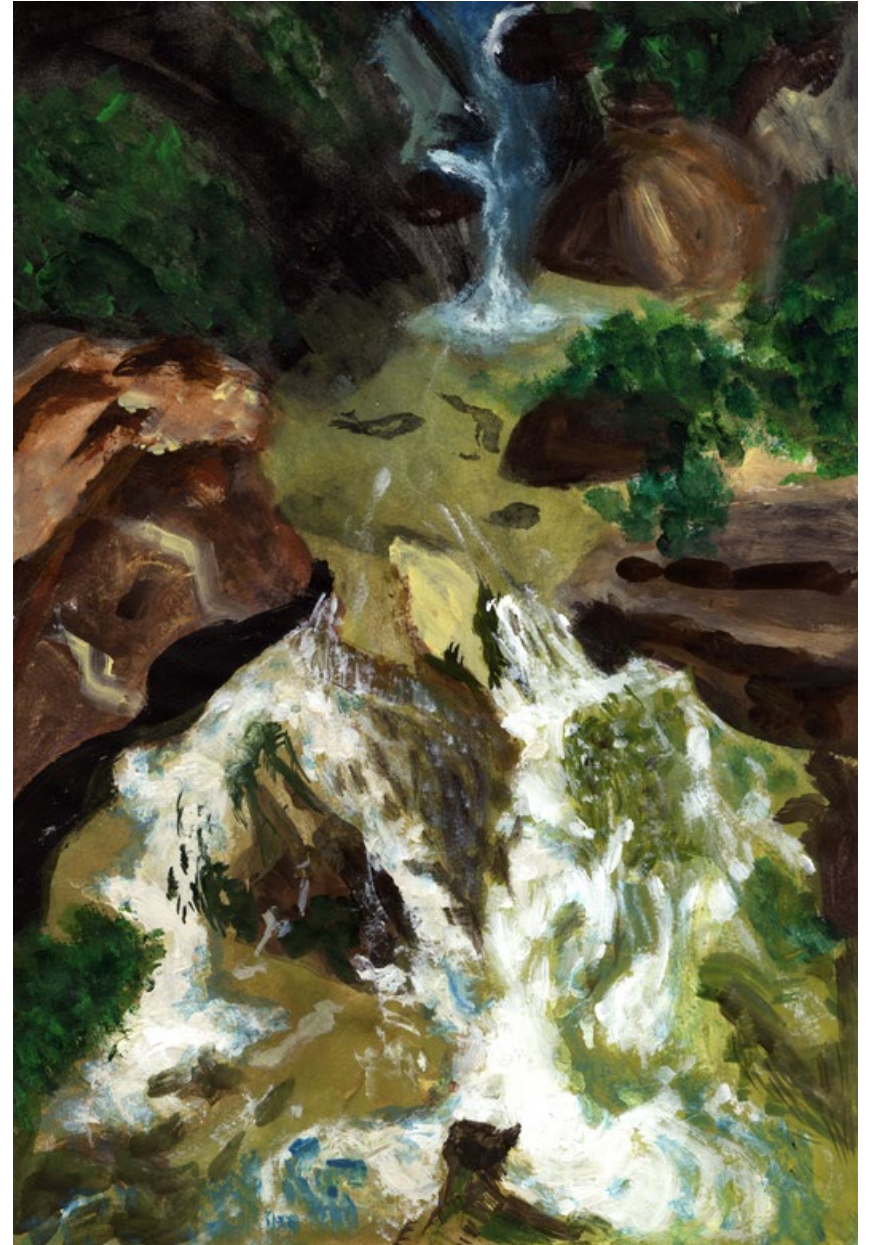
My contribution consisted of the drawings of master plan, transportation map, elevation map and the sketch-up model of a dam in the site.





Diving Swan- Acrylic Painting

I enjoy experimenting with a variety of expressive medium from painting to drawing and photography, which helps me to explore different qualities of landscapes and the built environment.



Water Fall- Acrylic Painting



New England Autumn- Photography



Summer Palace, Beijing- Photography