

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

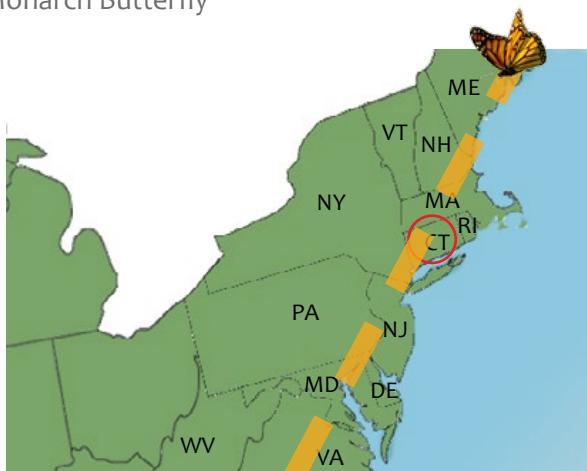
Community Planning: Bridgeport Eco Tech park



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.

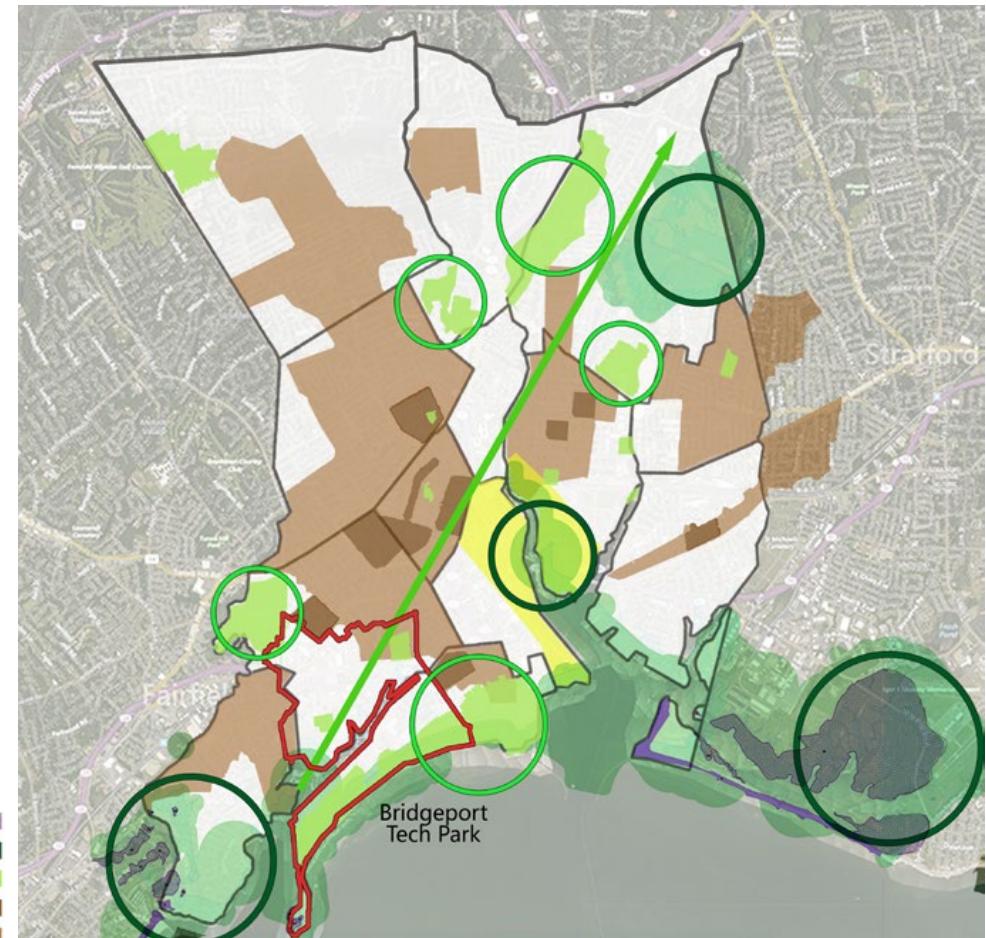
Goal:

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



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



City Wide Summary Analysis



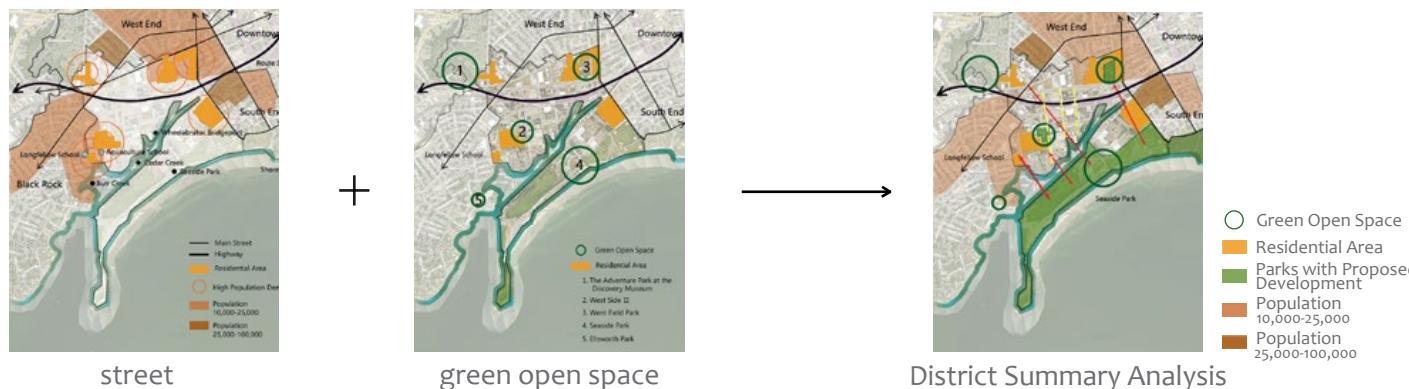
critical habitat



natural diversity

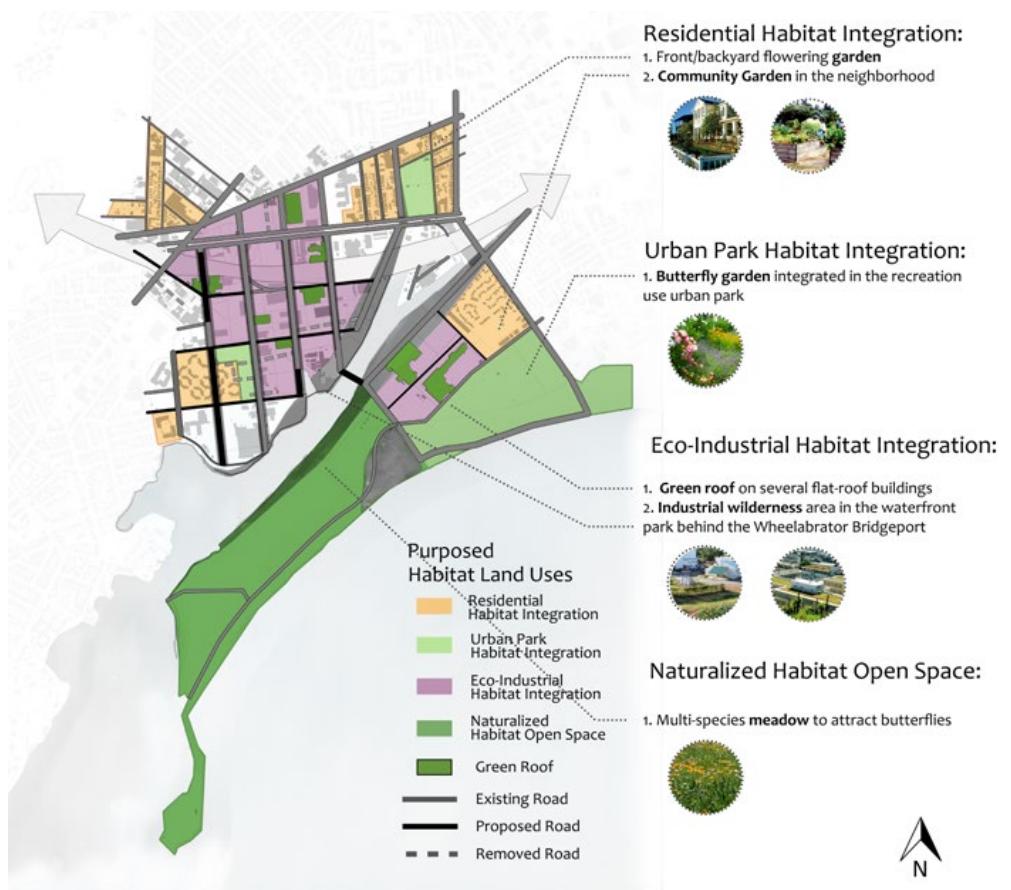


human population

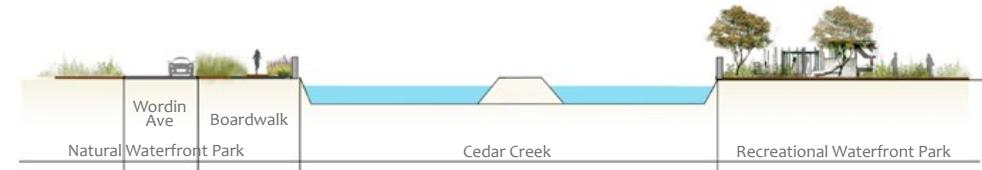
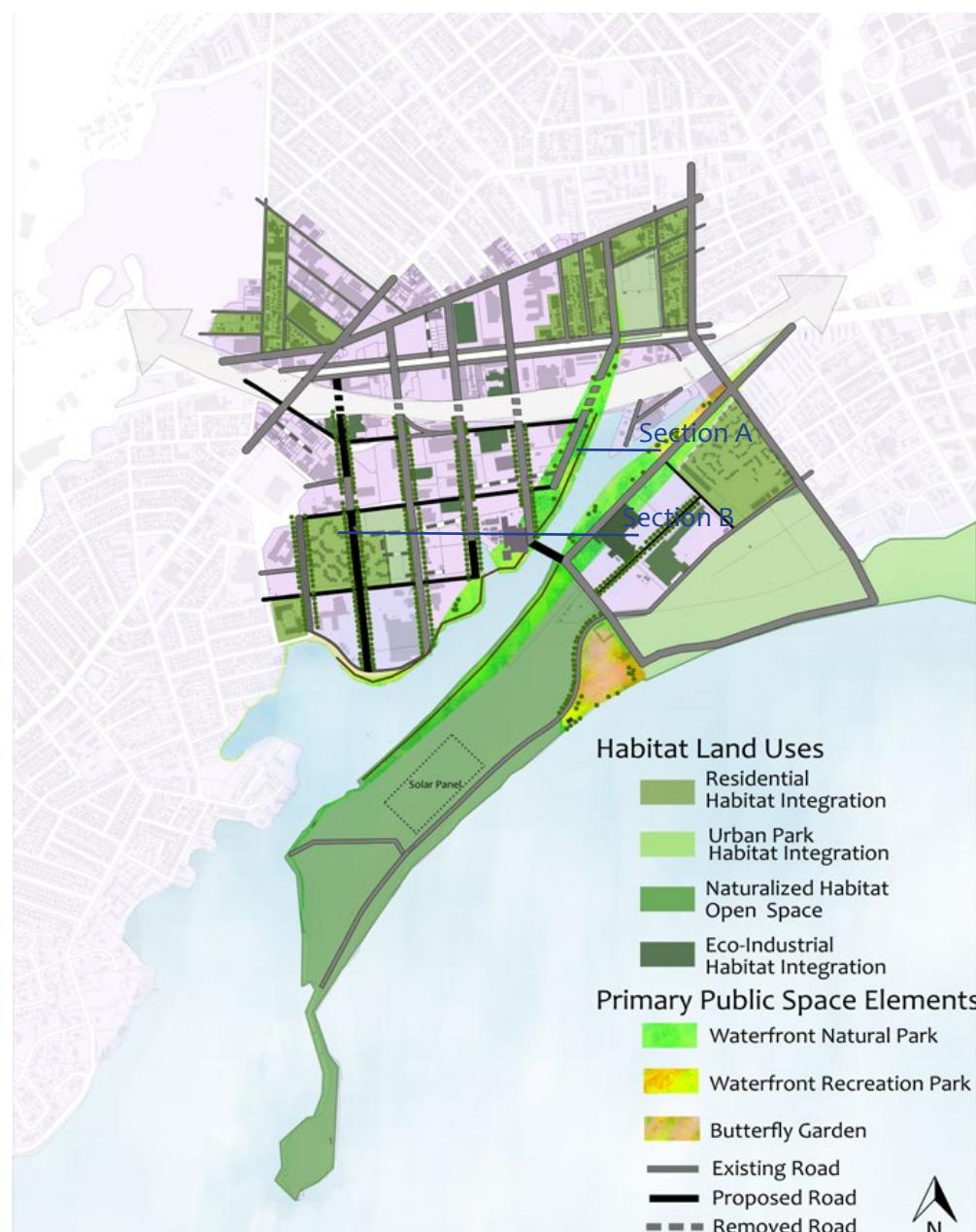


District Analysis Conclusion

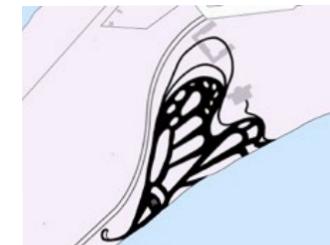
1. Existing roads lack a regular pattern
2. Lack of connections between the existing parks
3. Residential areas need more parks
4. Waterfront lack interest



Overall Plan



Purposed Creek Side Public Space (Section A)

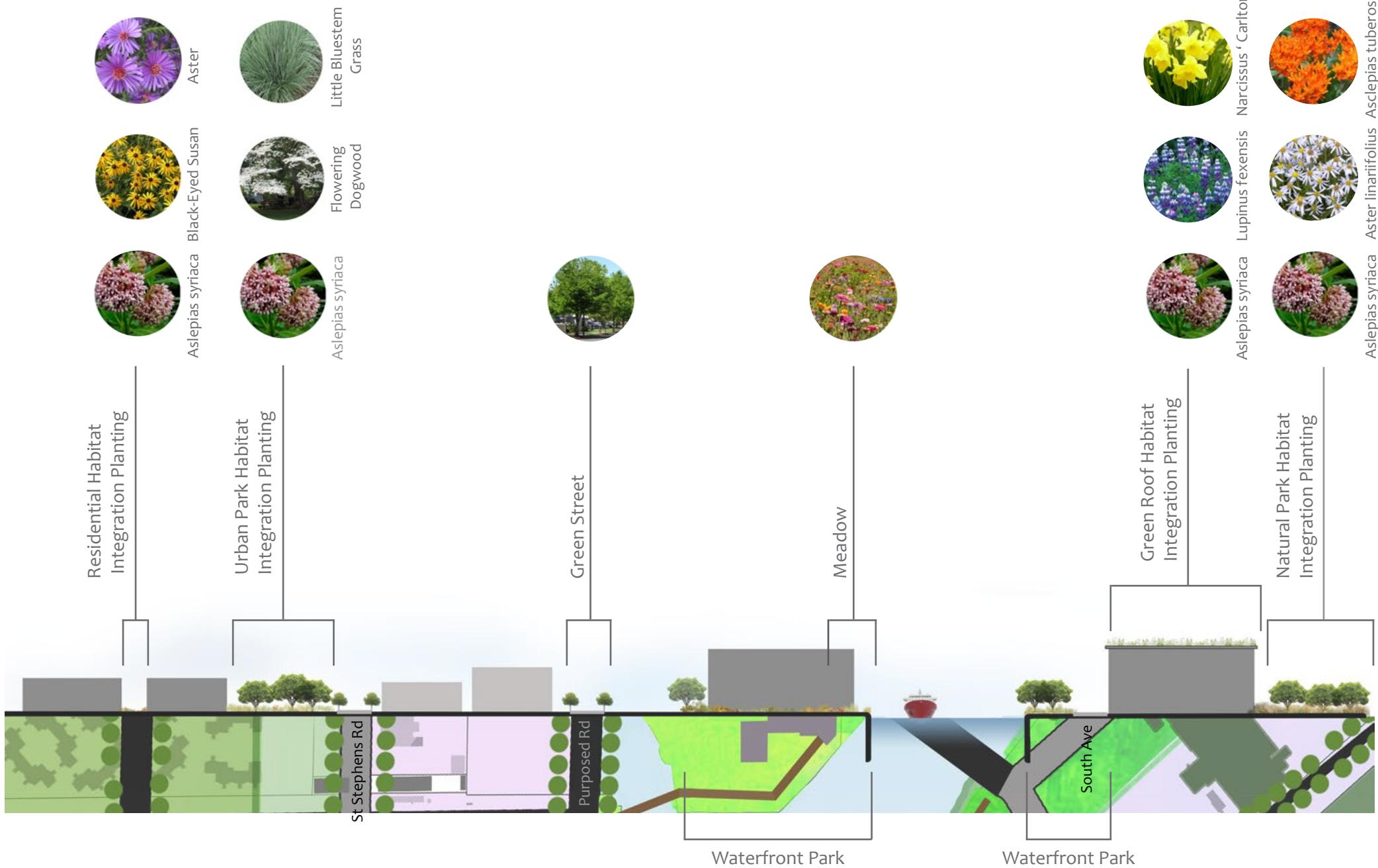


Purposed Butterfly Garden



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:



geometric building and sidewalk



rectangular reflecting pool



square stone seating

Natural Design Elements:



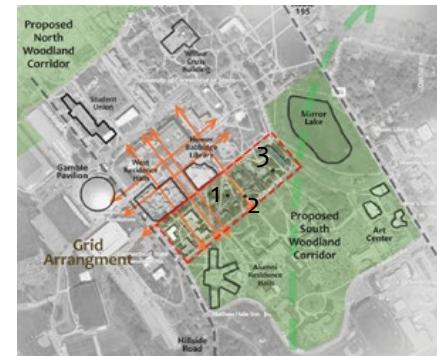
curved sidewalk



curved wood bench



organically pond



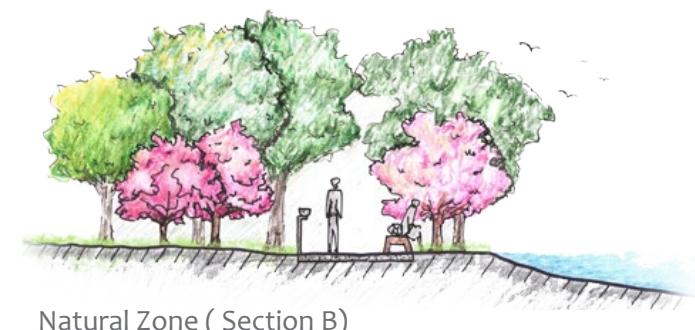
1 poor lawn quality



2 lacking spatial quality



3 Lost of woodland edge



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.



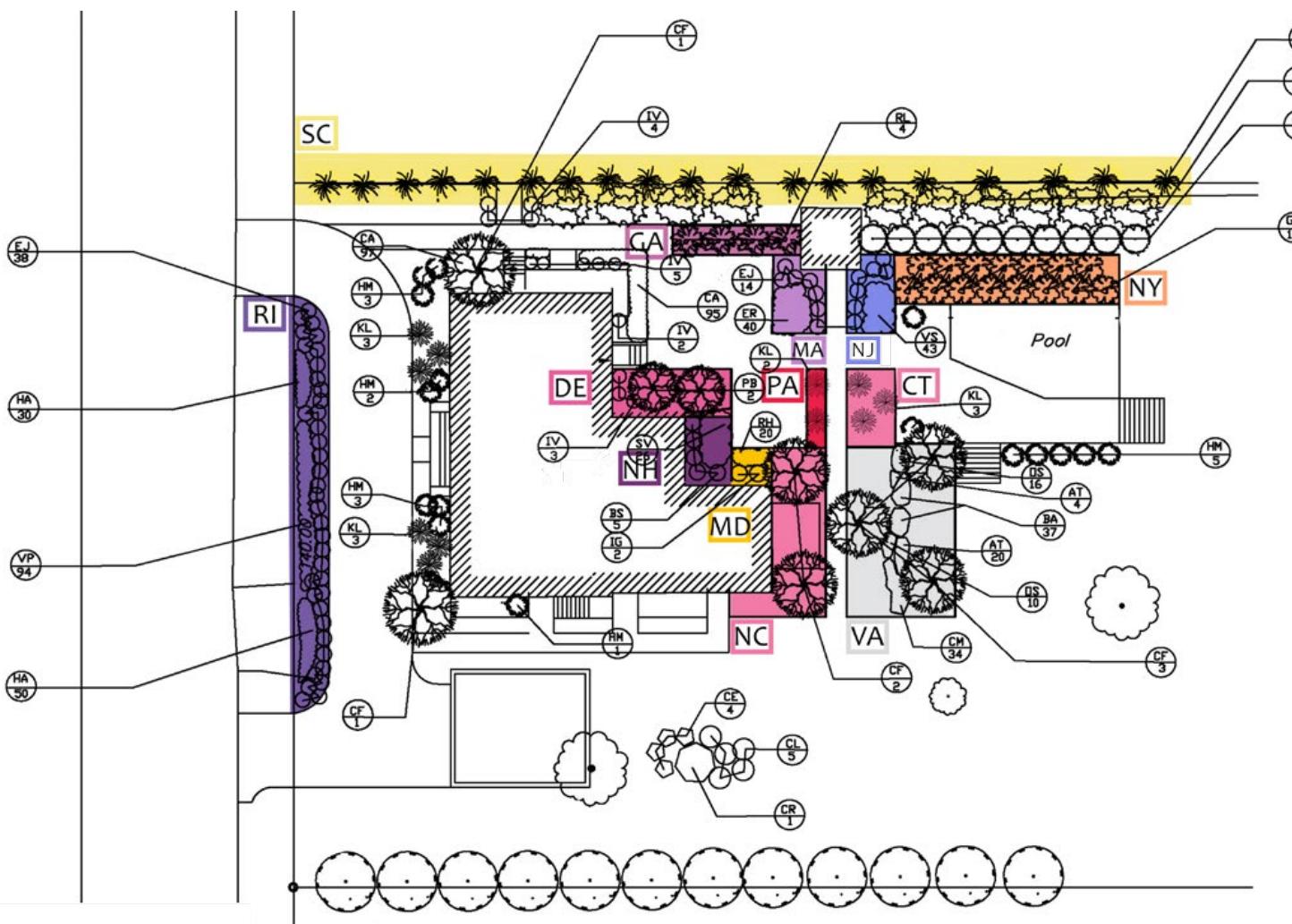
The Thirteen Colonies



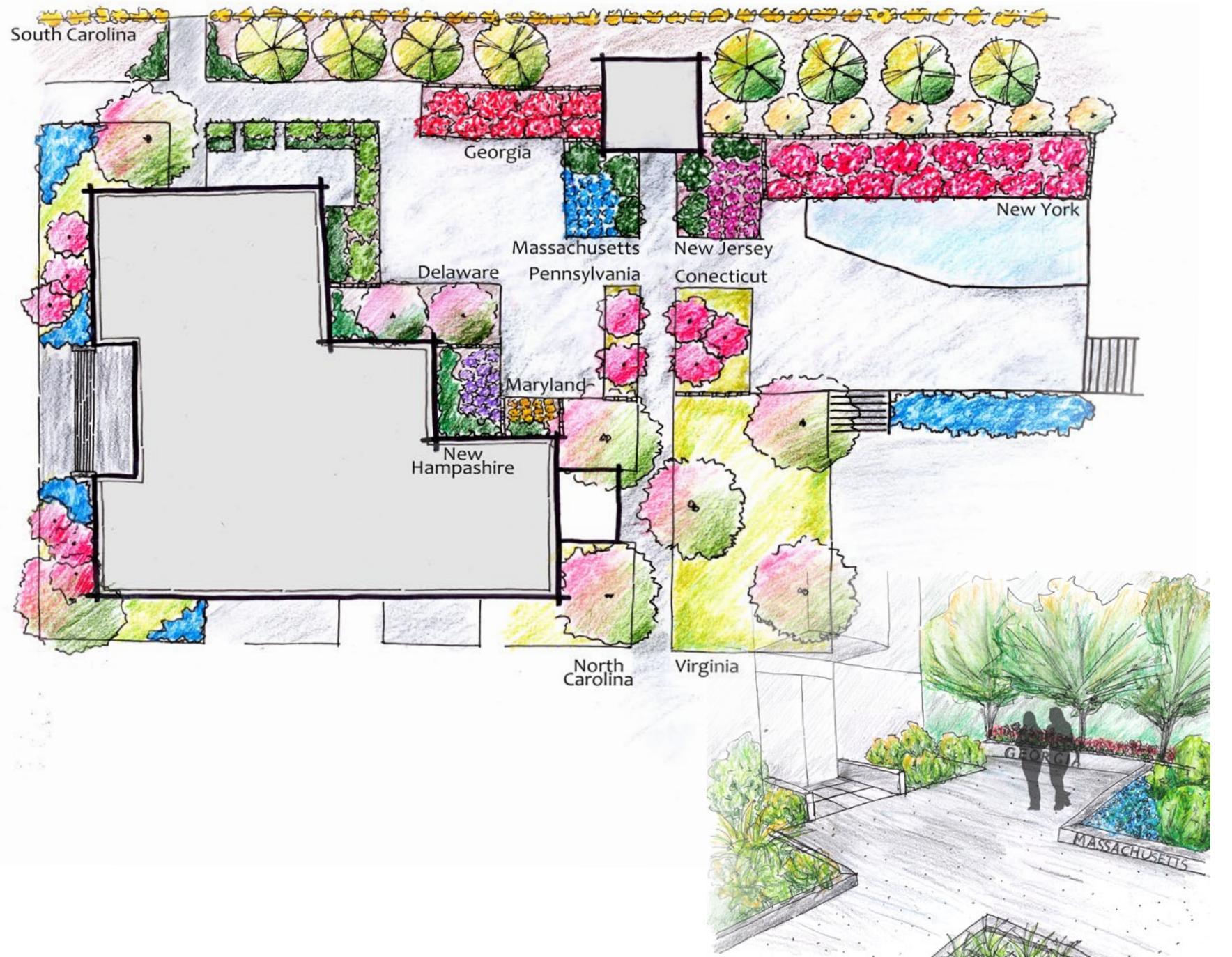
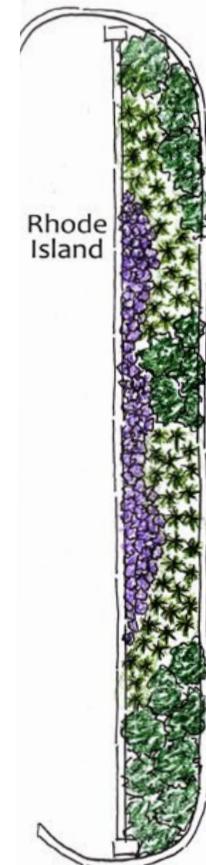
Rhode Island



Matunuck School House
Rural coastal community



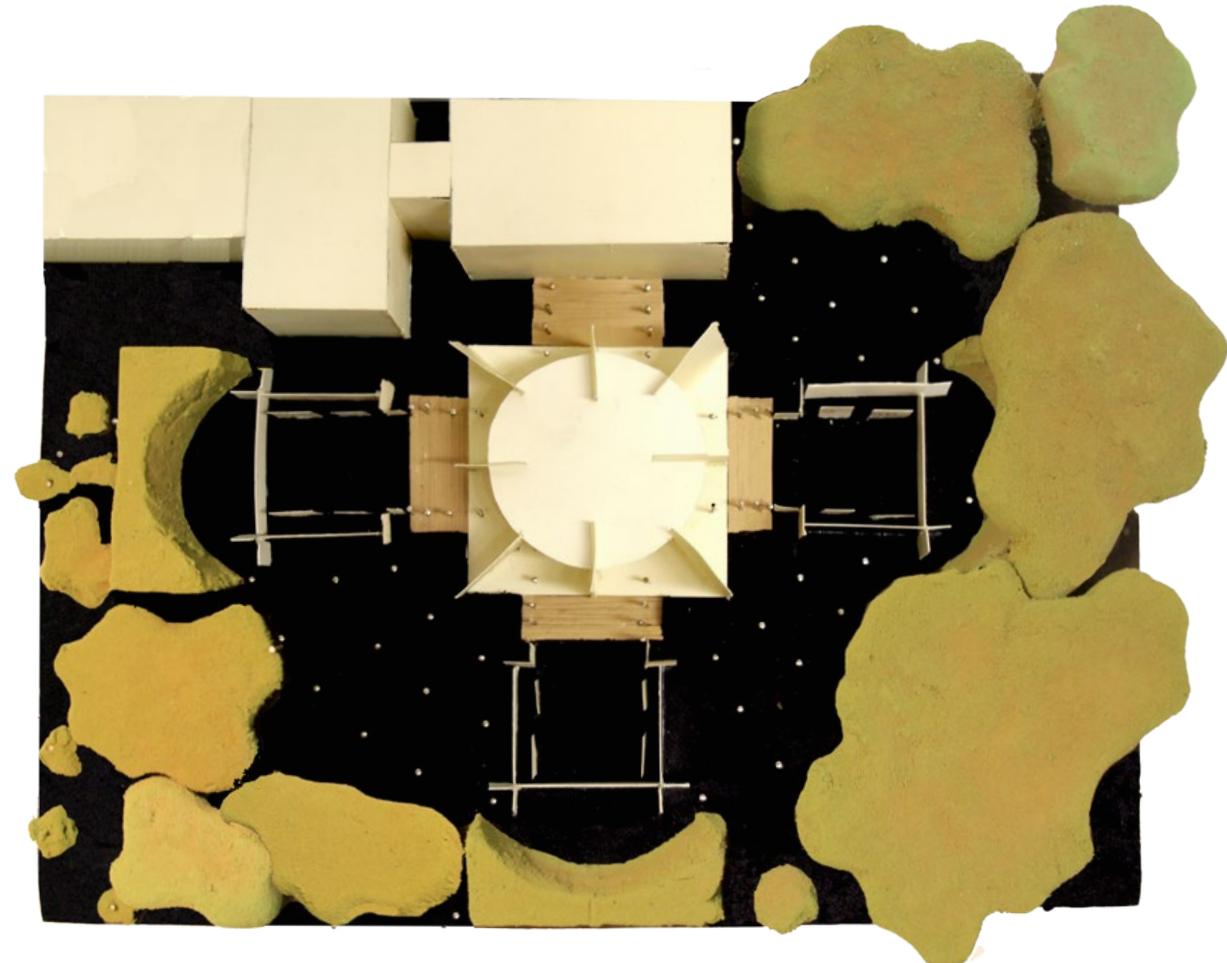
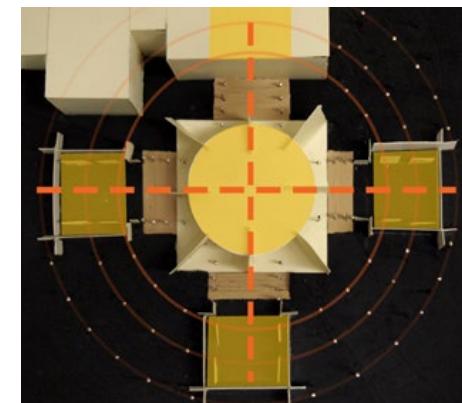
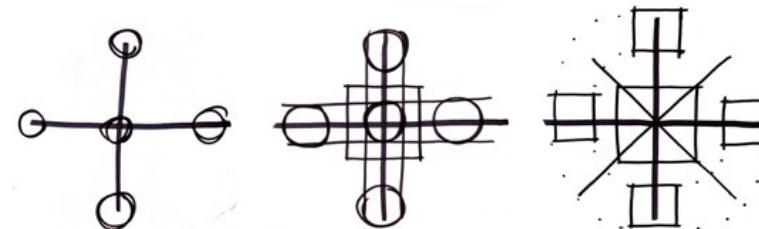
	<i>Syringa vulgaris</i> New Hampshire
	<i>Epigaea repens</i> Massachusetts
	<i>Rosa laevigata</i> Georgia
	<i>Viola palmata</i> Rhode Island
	<i>Viola sororia</i> New Jersey
	<i>Kalmia latifolia</i> Pennsylvania
	Peach blossom Delaware
	<i>Cornus florida</i> North Carolina
	<i>Kalmia latifolia</i> Connecticut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



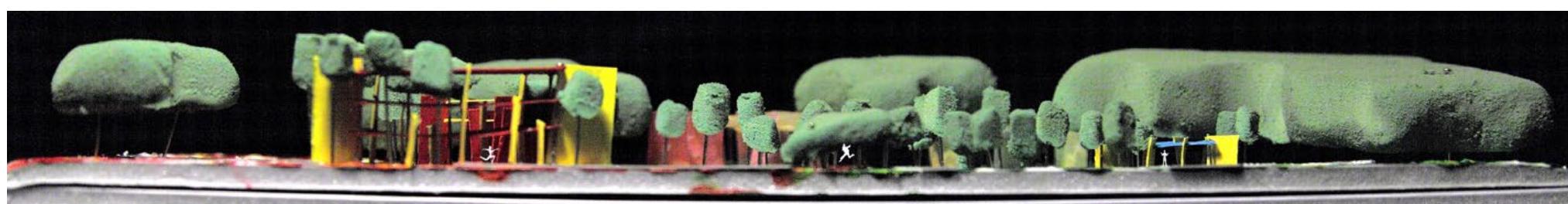
3D Form Making: Spatial Organization

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

Internship

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.

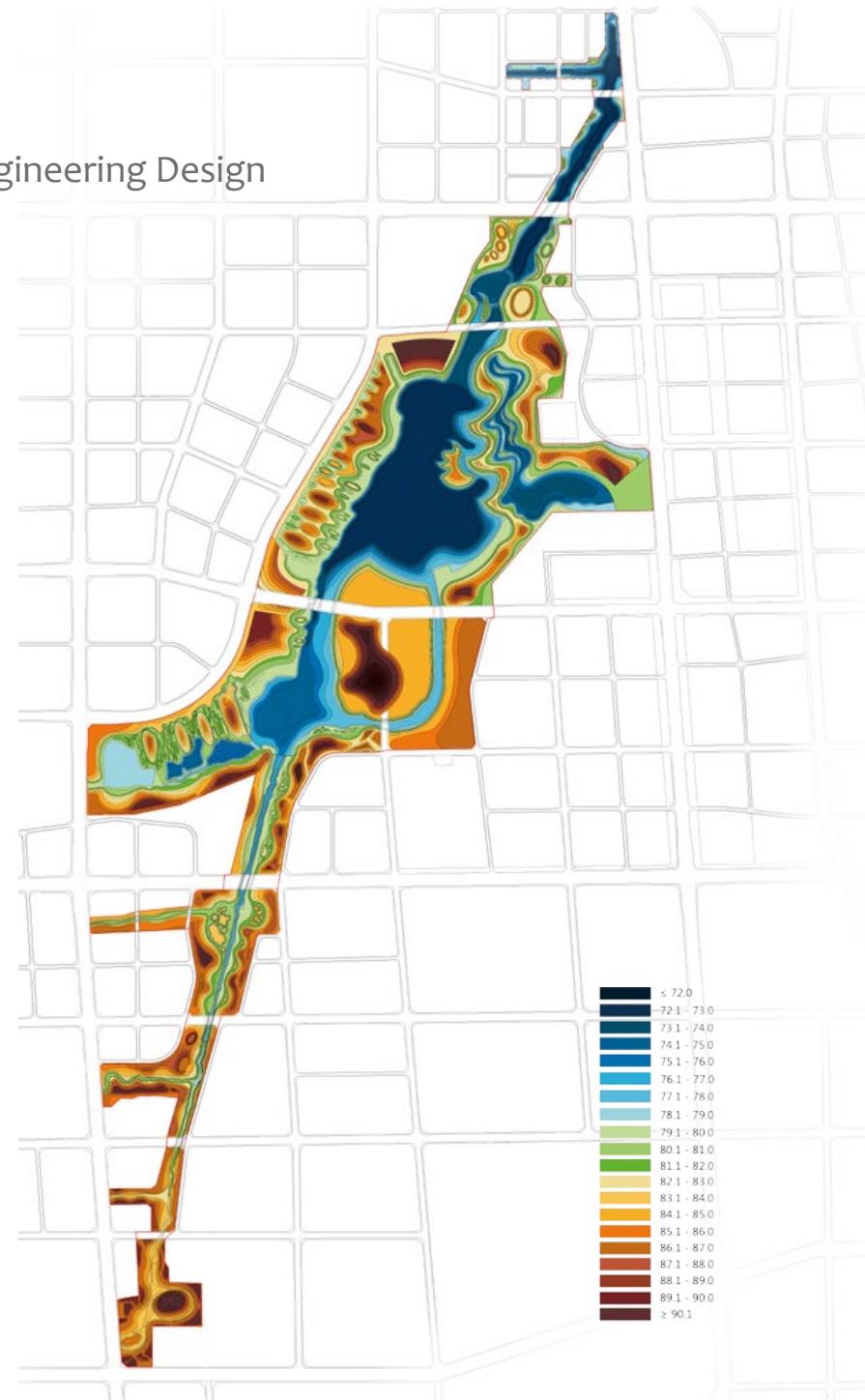
My contribution consisted of the plan, perspective graphics and the sketch-up model of the square.



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.

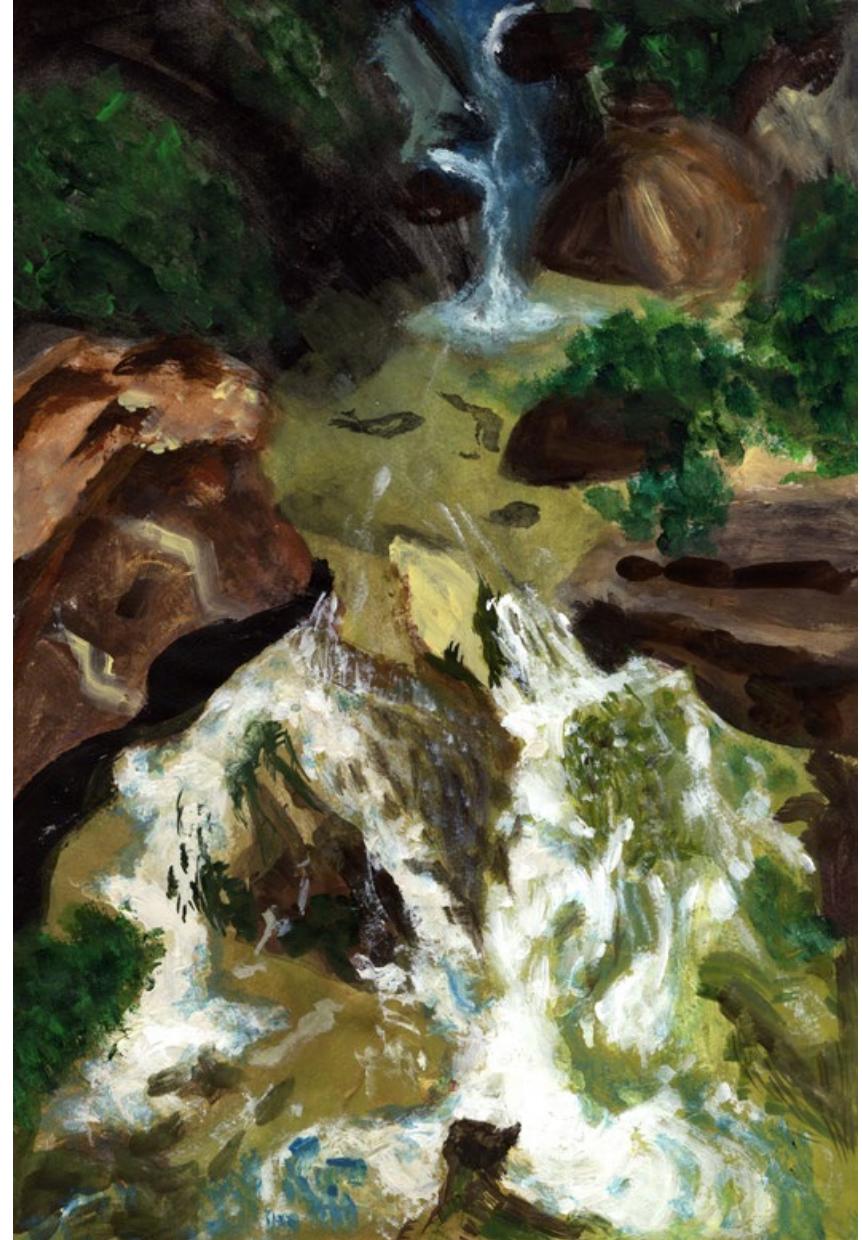


Art Exploration



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