

### Design Description

The site is a segment of the Boneyard Creek in downtown Urbana, Champaign county, IL. It sits in the residential area with some neighborhood business along the creek linking the campus zone to the city center from west to east.

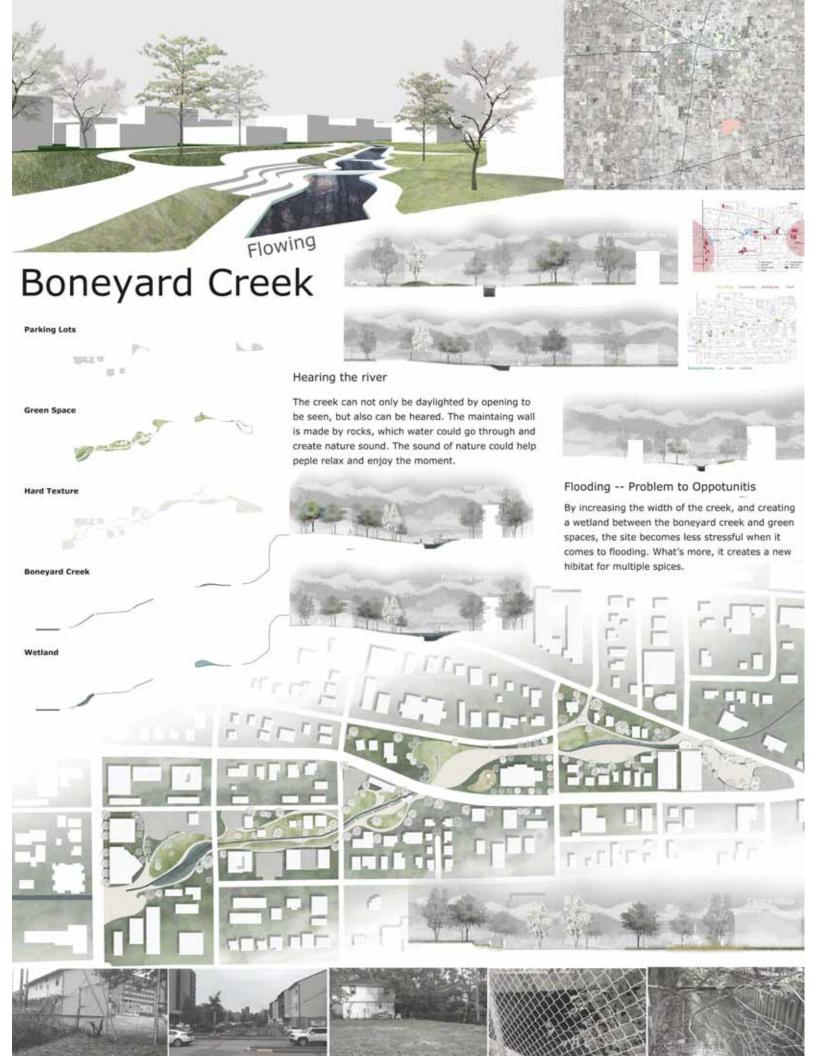
The site is almost a hidden place covered by wild vegetation, which is always out of citizens' horizon. Thus, the proposal of the design is to daylight the creek and bring it back to citizens' sline. The design widens the creek corridor and rearrange the planting. Enabling the creek to be exposed to the light and attract more attention is the first meaning of 'daylight'.

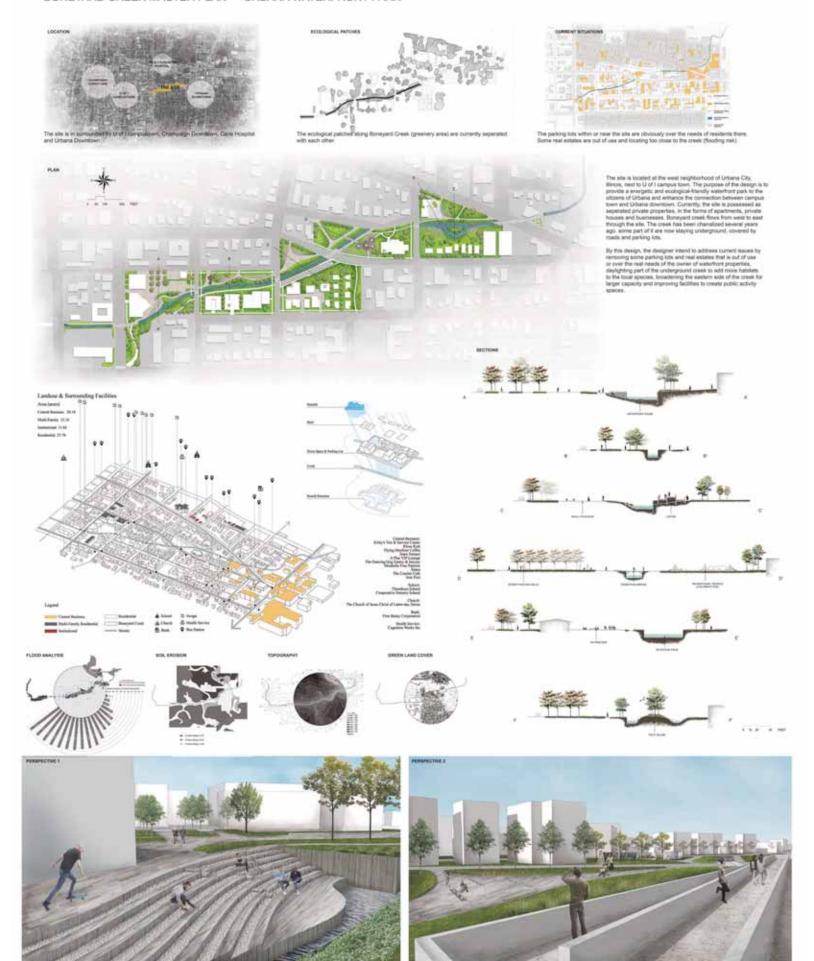
The site has serious problems with the water ecology: poor watet quality, heavy sediments, and uncontrollable flood. To improve the water environment, constructed wetlands, bio-swales, and small islands are applied to the site to purify the water and create ecological environment for living things. The boundary of the creek is redesigned to be more convoluted. The metal retaining wall changes to different types of ecologial revetments. This is the second stage of "daylight".

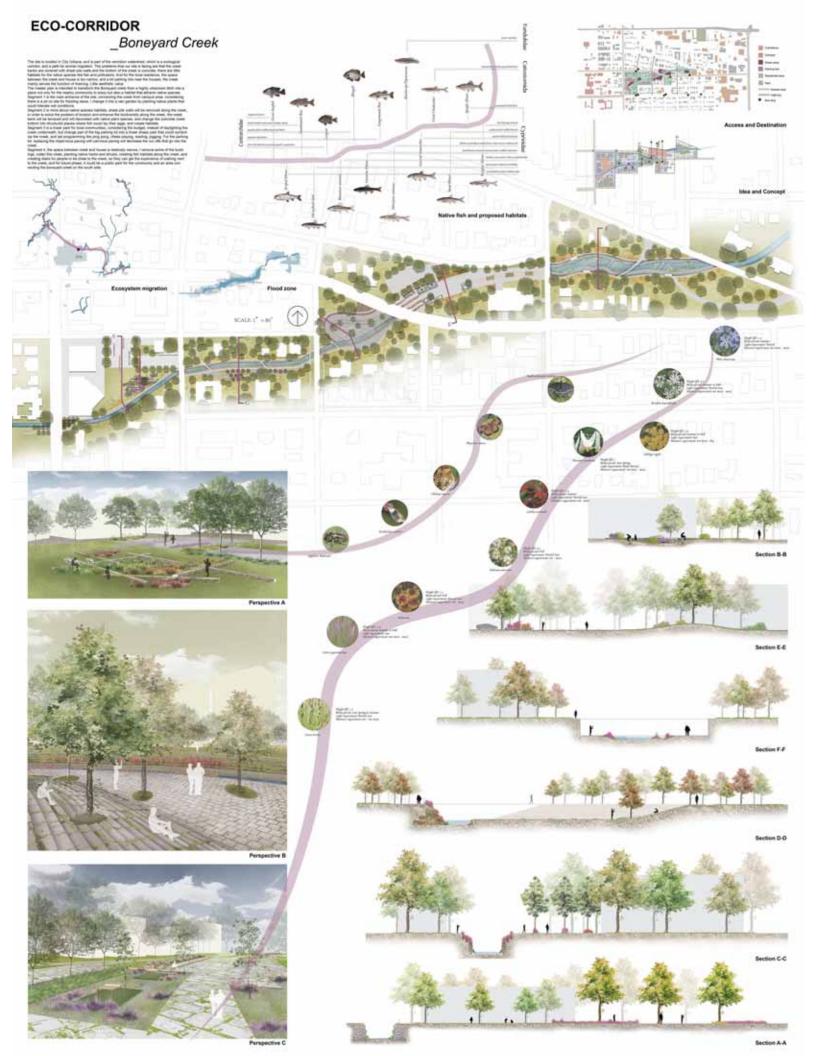
The site is inaccessible, as the mesh fence and metal wall keep people and other living animals away. The design increases the accessbillity to the creek, so as to provide more activities with water environment for the local community. More entrances are added and the path is continuously connected to both ends of the segment. People can reach the water by stepping down and the barrier will be no longer exist, which is the third part of "datlight".









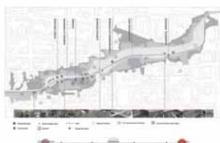




# THE REVIVAL OF BONEYARD CREEK



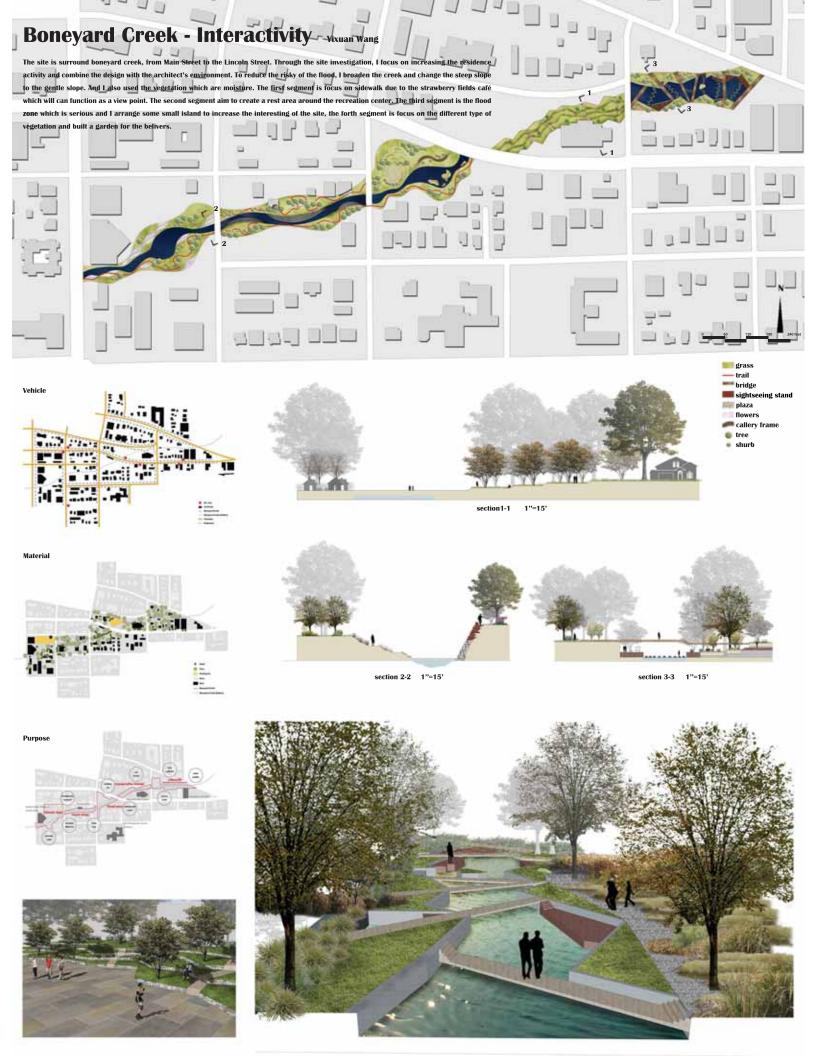


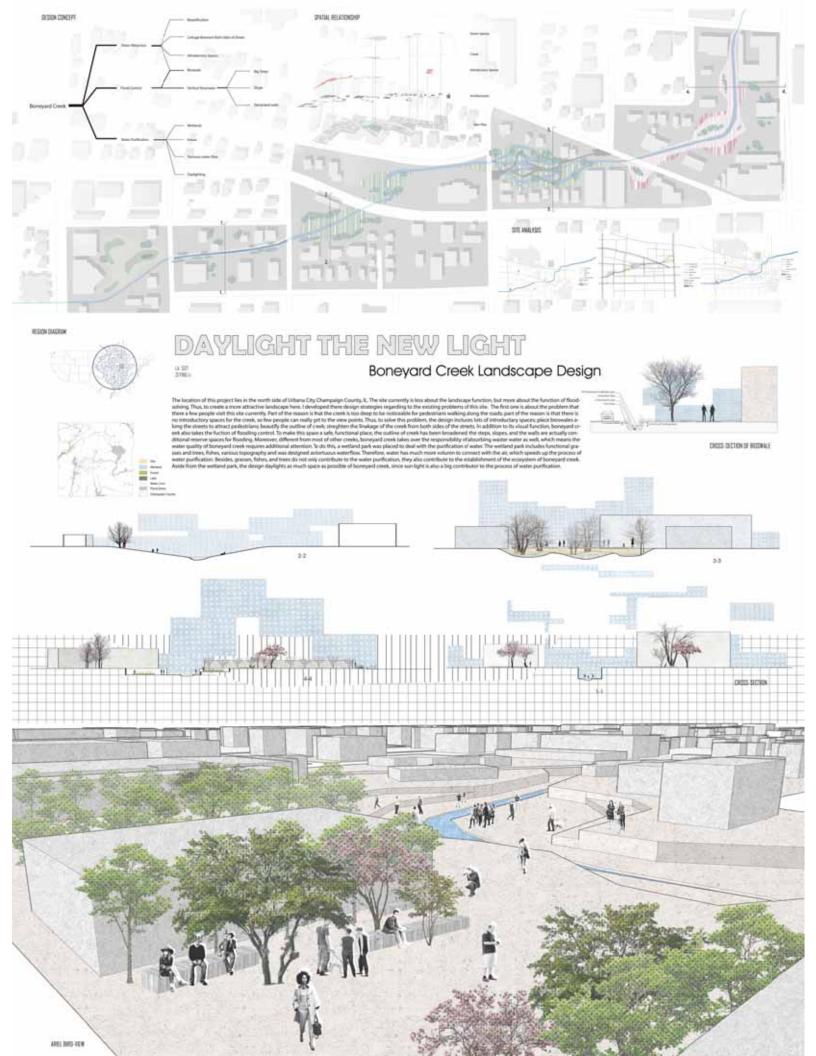












# YANG XIA SITE ANALYSIS



### SITE IDENTIFICATION





# **SECTIONS**

SECTION 2-2 ART SQUARE & APARTMENT



# **DESIGN CONCEPT**

DESIGN CONCEPT
The concept of this design is the flow of land. In the design process, the principle of ecological design should be followed as much as possible, so as to deal with the slope space and solve the high difference in the field. Simple streamline design conforms to the current situation in the site, or near or far, along the walkway is a coherent bio swale to purify water quality, rain and flood management. The nature of the site is blurred and can be used in a variety of ways for the imaginative and seductive Urbana residents.



**BANK TYPOLOGY** 



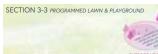












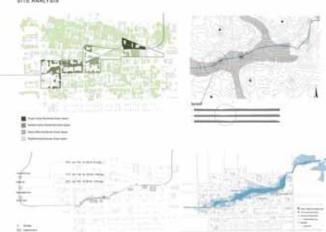


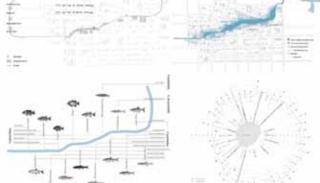
### PERSPECTIVE SECTION





### BITTE ANALYSIS







# "FROM SPACES TO FLOWS"

This plan is about carring bonepard creek as a flow which connects the live adjupent segments legation. It combines campus area residential area and Unbend development and creates more engagement along bonepard creek. Design each segment, devailed corridor is as lit of allow finer interaction will wader. Parts of the investicle are bosolesmed to along the river agend in order to dark with potential flooding issue, which also provides enough processingly for willdile hobital. Cuddoot fleater as a central gaintening prize previous an autodoot open space for residents. It works with this water level in bonepard creek, which allows social events in dry seasons, becomes a pool in flooding seasons and asking rink in works with the water level in bonepard creek, which allows social events in dry seasons, becomes a pool in flooding seasons and asking rink in works with the water level in bonepard creek, which allows social events in dry seasons, becomes a pool in flooding seasons and asking rink in works with the water level in bonepard creek, which allows social events in dry seasons, becomes a pool in flooding seasons and asking rink in works with the water level in bonepard creek.

By the flow of boneyard creek, it will become an ecological space for creation

### MARTERPLAN







# **BONEYARD CREEK -- THE MISSING ONE MILE SITE DOCUMENT:** THE METAL BARS A TRAIL AND THE BARS: SITE CONPECT **CASE STUDY & SITE CONTEXT SITE ANALYSIS SECTIONS MASTER PLAN** MARK(JINYU SHEN)









Section C-C

Description

This project aims to solve the flooding issue and offering accessible outdoor recreational places, which has to balance the relationship between the waterway and adjacent land. For the waterway, I design to take away the metal waits and create natural buffer zone to enhance the resilience in the face of ecological disturbance. Loorsidered using flood resistant plants in the flooding zone, which also purify the quality of water, For the recreational places, walking trails, bank platform and riverfront seats are installed, providing accessibility for people. Based on the different context of the two bicks on the site, I define them into multiple themes. Two blocks in the west part are relatively private due to the current school and private houses. The planting pooks aim to offer an educational services to the school. The red hollow-out wall, long benches and sidewalk planting trees strengthen the visual connection in the North-South direction. The rest three blocks are more open. Accessible treverfront trails, benches and cross-river trestle bridge highly encourage people to stay and relax. Open curve plaza physically stresses the hidden creek.

