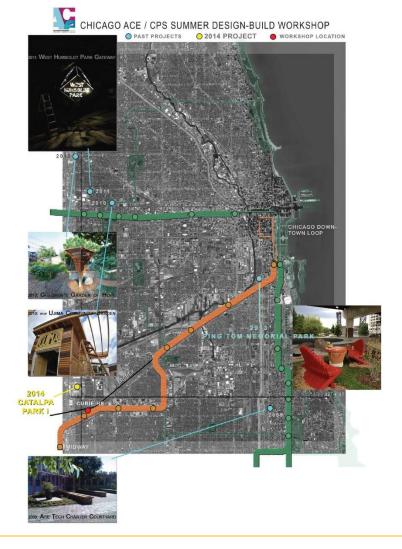


2014 Community Design Charrette

- 01. ACE / CPS Design Build Portfolio
- 02. Project Site Catalpa Park and Playground
- 03. Research playground activities, precedent parks & related furniture

ACE MENTOR PROGRAM CHICAGO ARCHITECTURE · CONSTRUCTION · ENGINEERING



01. ACE / CPS Community Design Build Portfolio

A.C.E. = ARCHITECTURE CONSTRUCTION ENGINEERING

- Career Exposure and Mentoring
- ACE Chicago established in 2000 Design Build Program began 2010

2010 STUDENT DESIGN-BUILD WORKSHOP ACE MENTOR / CPS SUMMER STUDIO

2010 Pilot Program Summary. This summer, the A.C.E. (Architecture, Construction, and Engineering) Mentor Program of Chicago ran a prototype program that sought to deliver lessons in design and construction well beyond the typical classroom walls. ACE and the Chicago Public Schools partnered to run the first-ever Community Design-Duild Workshop, where a dozen students were given the opportunity to work with a real-life client in delivering an actual project with an actual budget! CPS allocated funds for program expenses through its department of College and Career Preparation, Bovis Lend Lease and Wight Construction offered additional financial support, helping to purchase building marketials and make the program a reality.

The Workshop ran out of Curle Metro High School on the South-West side and engaged with the West Humbold! Park Development Council and the Ujima Community Sadren to design a master plan for their startup urban farm (Ujima, from Kisvahili meaning Collective Work and Responsibility). The workshop further endeavored to construct one needed component of that design-a garden tool shed. High school juniors from schools across the City were accepted into the program based on their interest in design and recommendations from their instructors or priori-year ACE mentors.

These students, under the direction of one program director and an assisting CPS instructor, completed the research and design necessary to deliver a project meeting all the various client tofferia. Students both the research seriously, and with the additional hole of outside organizations and generous individuals, in regiprated numerous green features while successfully holding to their given budget and schedule requirements. All this, including a 69 sq. th. beautifully designed garden shed, in less than 6 weeks! Highlights of the subtent design include a butlently on intending to catch raw water for the garden, a rain-scene wash built from reclaimed oak flooring, natural sighting with overhead skylights, and custom trells panels (fabricated with a waterjet cutter and CADICAM technology) designed to give dentity to the shed and support the grown of flowers and vines!









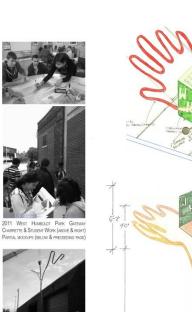
2010 PILOT PROJECT FOR THE UJIMA COMMUNITY GARDEN IMAGES OF STUDENT WORK (ALL)

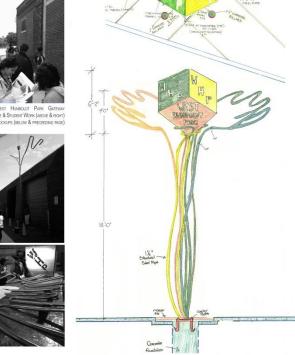












2012 STUDENT DESIGN-BUILD WORKSHOP

ACE MENTOR / CPS SUMMER STUDIO @ THE CHILDREN'S GARDEN OF HOPE

2012 Program Summary, Students worked with Neighbor Space and the Children's Garden of Hope to design and build a new centerpiece to an existing community garden. While both 'clients' hoped the student project would rejuvinate the garden and add a needed gathering place, each also brought their own distinct criteria. Neighbor/Space was very much concerned with reducing potable water use on the site and wanted to incorporate a rain collector, while the local gardeners were primarily concerned with



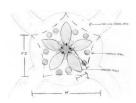


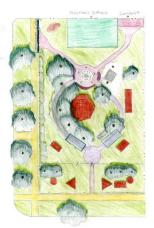


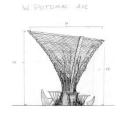




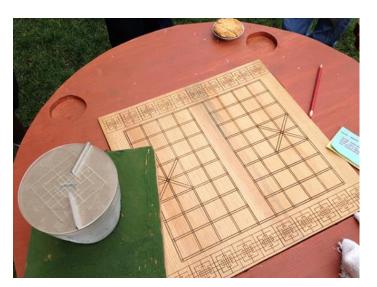






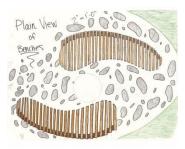






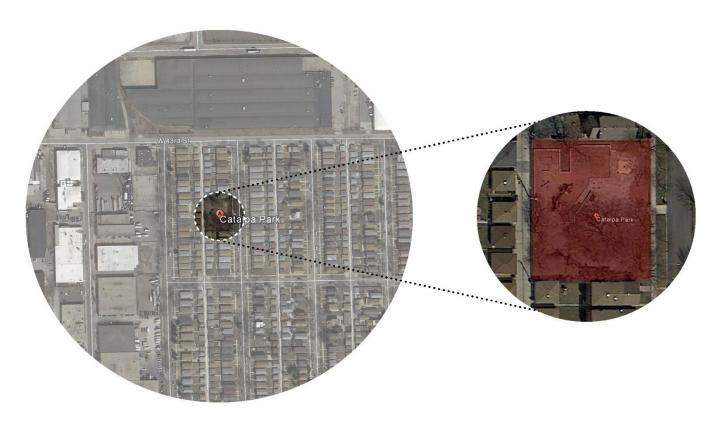








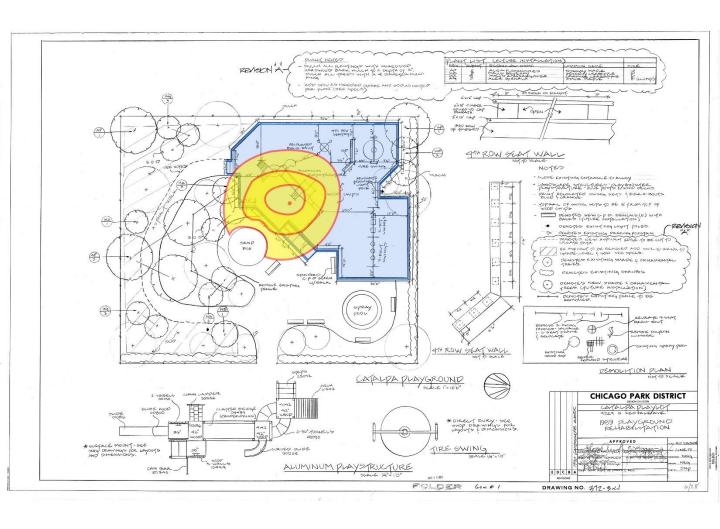
Site: Catalpa Park - 4324 S. Kedvale



02. Our Project Site - Catalpa Park

Archer Heights Neighborhood
Catalpa Park – Existing Condition
Aging Play Equipment
Drainage Problems





Catalpa Park – 1989 Site Plan – 1972 Drainage Plan





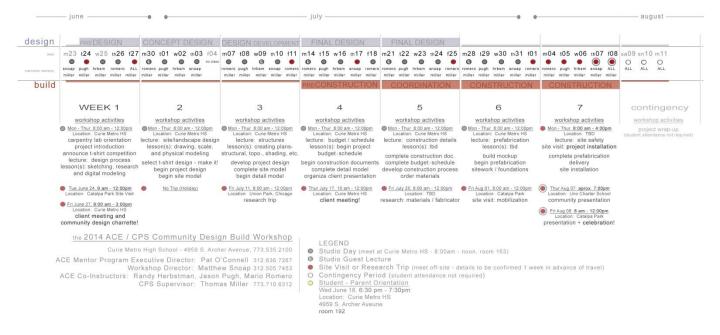
03. Research & Precedents

Chicago Plays and Park District Playgrounds
Union Park
Golden Gate Park, San Francisco
Other Play Features



04. Student Proposed Design

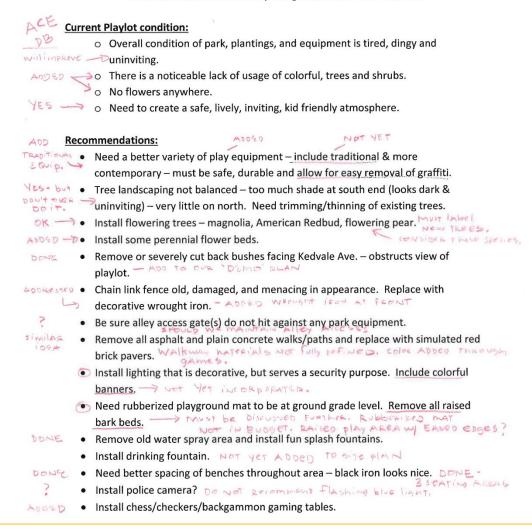
Client Program and Design Charrette
Proposed Park and Playground Site Plan
Design Features - Wilapa Climbing Tree / Climbing Wall, Bubble Bounce, Water
Feature, Ground Games, Traditional Equipment



Archer Heights Civic Association

Recommendations for Redevelopment of Catalpa Playlot – 4300 S. Kedvale Block

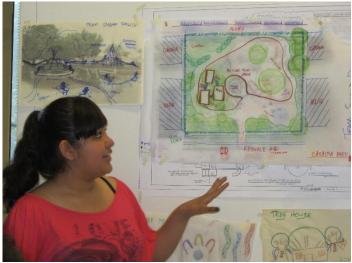
Curie H.S. Student Community Design Charrette - June 27, 2014











2014 Community Charrette

Site Plan Model

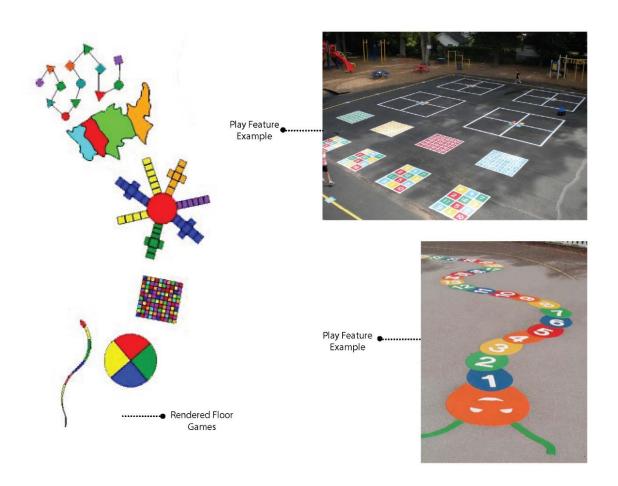


Catalpa Park Student Proposal Student Model



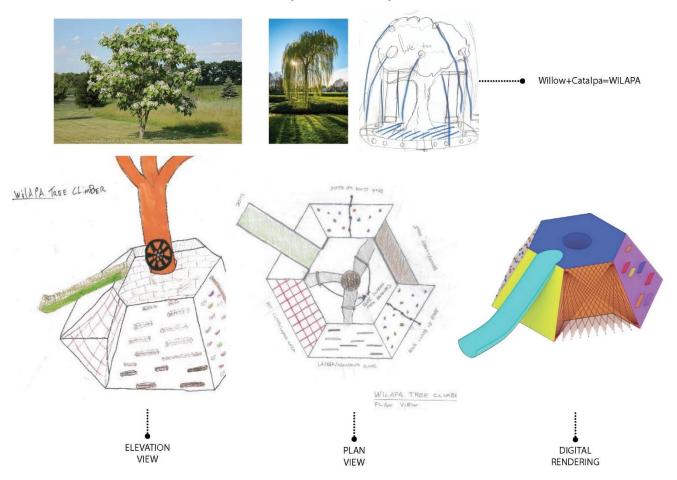
Catalpa Park Student Proposal Site Plan

Painted Floor Games



Catalpa Park Student Proposal Floor Games

Wilapa Tree Proposal



Catalpa Park Student Proposal Climbing Platform

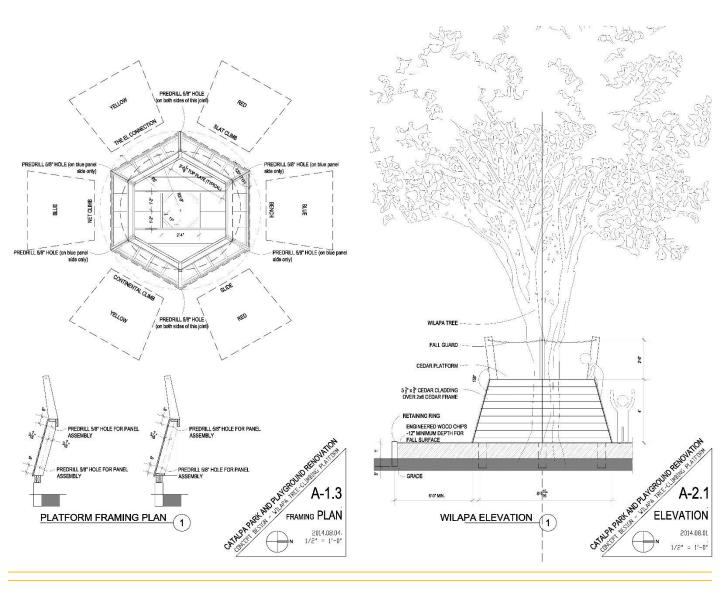


Catalpa Park Student Proposal Digital Rendering



05. Student (Temporary) Installation

Catalpa Park Student Installation
Drawings
Construction and Installation



Catalpa Park Student Proposal Drawings





Catalpa Park Student Proposal Prefabrication





Catalpa Park Student Proposal Prefabrication





Catalpa Park Student Proposal Prefabrication





Catalpa Park Student Proposal Installation









Catalpa Park Student Proposal Installation





Catalpa Park Student Proposal Installation









Catalpa Park Student Proposal Presentation



06. Project Completion!!

Neighborhood Attraction!!









Catalpa Park Student Proposal Installation



Project Completion..

Neighborhood Attraction!!

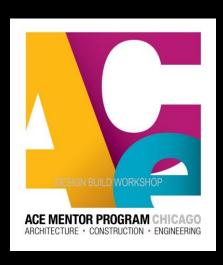




Project Completion..
Neighborhood Attraction!!



Project Completion..
Neighborhood Attraction!!





Thank you

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