PORTFOLIO

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Master of Landscape Architecture
Ball State University
Department Of Landscape Architecture

Sai siddartha vemuri

MLA student 2022-2025

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EXPERIENCE IN USA

- Graduate assistant (LA department) Ball state university. Fall 2022- current.

- Worked in summer 2023 on landscape construction for award winning 2023 build challenge “Alley house”. Built Pergola, planters & rain garden from scratch using power tools.

- Voluntered for SVS (student voluntary services) in spring 2023 at Tennesse, smokey mountain national park, Sequoyah birthplace museum. Worked on invasive plant removal project.

- First place in group catogery Design week-2023. Ball state university

EXPERIENCE IN INDIA

Landscape Architecture internship II ECODE
Sep 2018 - June 2019

Project file organization, Site analysis, Research on materials for clients, Co-ordinating with contractors regarding on going projects and fulfilled residential construction documents as per site requirements, in order to meet deadlines for the project. Assisted coworker’s in multiple projects developing 2d & 3d designs.

Jr. Landscape Architecture II ECODE
June 2019 - August 2021
Design development
1. Aided in landscape architecture design aspects, from creating hand renderings 3d renderings, presentation materials for clients to drafting construction documents to conduct field observations.
2. Concept Discussions, Development & materials finalizing with
clients.
3. Developed and modified 3d models, good for construction drawings and schematic designs.

ADDITIONAL EXPERIENCE IN INDIA

- National Association of students of Architecture (56th NASA) - 2014
- Law school in hyderabad (Landscape architecture design by ECODE) contributed to the team in Site analysis, Concept development, site visit & renderings for presentation

SKILLS

AUTODESK AutoCAD — 5 Years professional
SketchUp — 5 Years professional
LUMION — 5 Years professional
Ps — 3 Years professional
Ai — 3 Years professional
Id — 3 Years professional
Rhinoceros — 1Year intermediate
ArcGIS — 3 months Beginner

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Subdivision Development

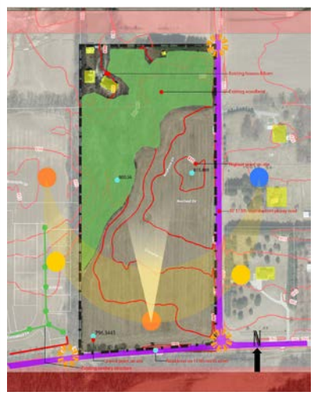
Type : Academic Fall_2023
Location : N west 118th southernparkway, Fishers, IN
Size : 22 acre
Instructor:John

Vicinity Map

Introduction

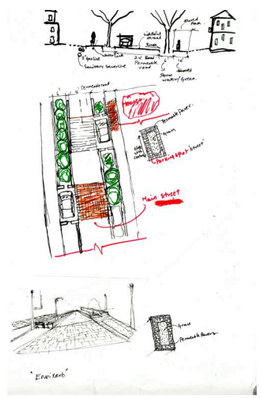
The project is located in the N west corner of 118th southernparkway street, Fishers, IN. The site is surrounded by two major roads on N & S side. Site is located in suburban new developing area. Proximity to new school & sports complex in 1/2 mile radius, Geist reservoir in 2 mile distance. Geist park in 1 mile away from the site.

Site inventory/Analysis



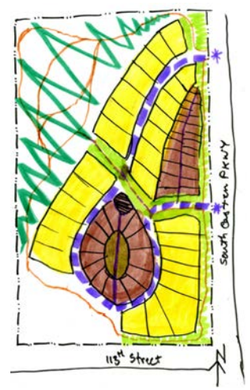
The site has existing woodland on NW side of the site. The site has existing low point on SW side it is taken advantage for strom water detention.

Concept

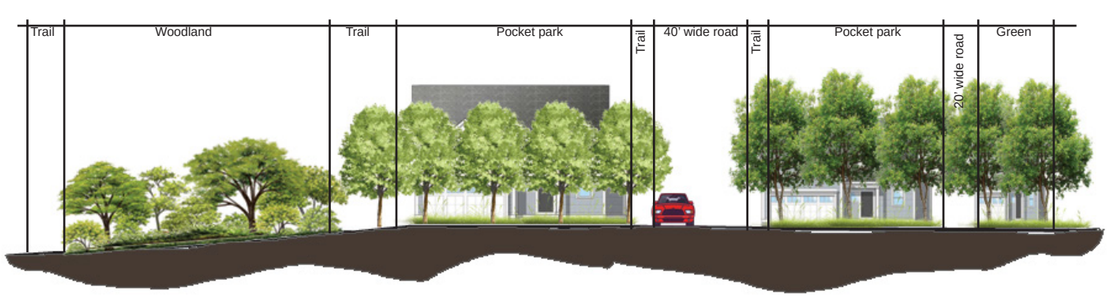


Conceptual sketches plan, section & perspective of typ streetscape detail.

Concept



Concept is inspired from the loop entry/exit proximity for the pedestrians & bikers. Every lot hase less than 5 min walking park proximity.



Section A-A'

Community housing Master plan

Business incubator site

Type : Academic Fall_2023
Location : N Harrison st, Alexandria , IN
Size : 0.3 acre
Coordinates : 40°15’50.8”N 85°40’27.0”W
Instructor : John

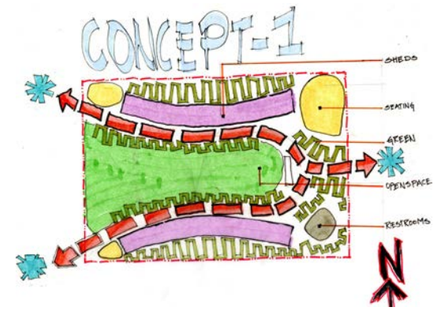
Vicinity Map

Introduction

The project is located in alexandria, indiana. This project aims to develop a business incubator center for city of alexandria people. The outcome of this project is to learn how space is designed for a community of people struggling to retain small scale businesses in a small city with high rent’s, by implementing the idea of 10 tiny portable sheds can be rented out for temporary until the business idea is spread out and become a hit the owner can stay there & expand the business.

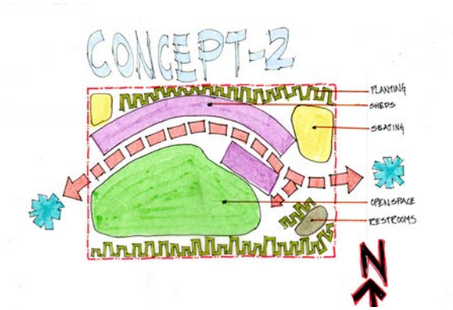
Business incubator hub Plan

Concept -1



The space is designed as a public space for the city of alexandria people. Who are looking at a space for startup business incubator. Concept is developed on the basis of free flow circulation, 3 entry points gives conflict free movement of foot traffic, periphary planting to avoid conflict with adjacent sites.

Concept -2



The space is designed as a public space for the city of alexandria people. Who are looking at a space for startup business incubator. Concept is developed on the basis of free flow circulation, 2 entry points for this concept.

View from the south side entarnce

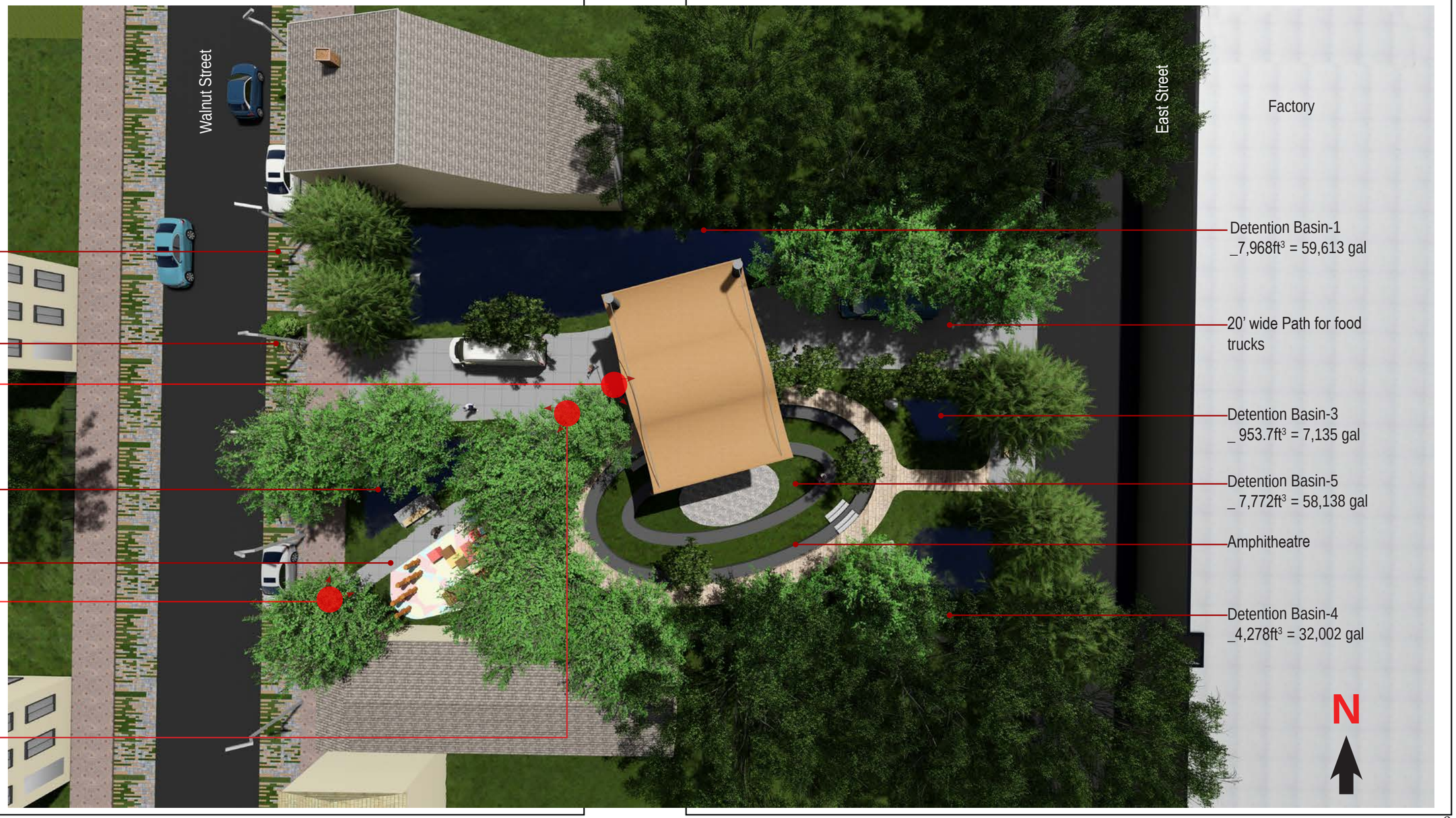
View from the North side entarnce

Walnut street Neghborhood park

Type : Academic Fall_2023
Location : walnut street George town,madison, IN
Coordinates : 40°15’50.8”N 85°40’27.0”W
Instructor : Chris baas

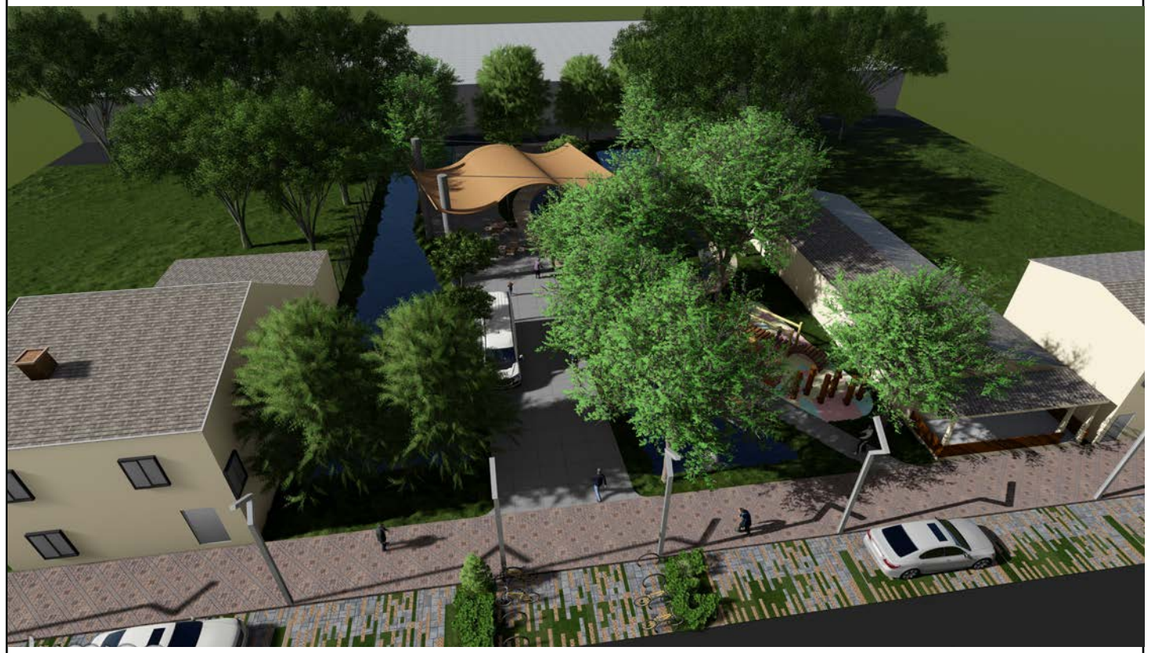
Project Goals

- Design a public pocket park for Georgetown to serve as a community and event space for the neighborhood and its residents.
- Investigate the impact of the Walnut Street Park space in harvesting storm-water to reduce flooding in the Georgetown neighborhood.



Pocket park Plan

WALNUT STREET PARK DESIGN PERSPECTIVES



Proposed Wallnut street park Aerial view looking east

view-3 the walnut street and playground

view-1 north of walnut street entrance and playground

view-2 looking east of amphitheatre

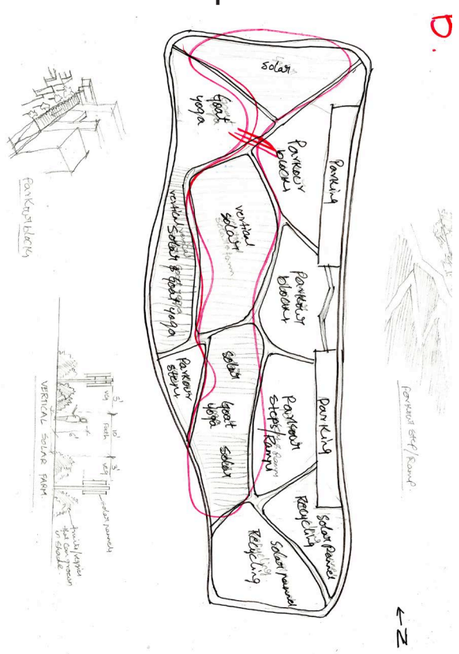
Prairie Creek Reservoir

Type : Academic Spring_2023
Location : S 560 E Rd Perry Township, Prairie creek,IN
Coordinates : 40°07’49.6”N 85°16’53.1”W
Instructor : Chris baas

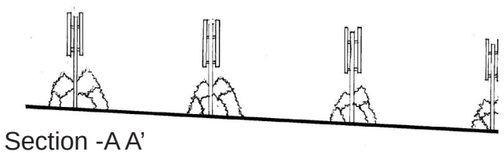
Introduction

The project is given by the professor to start the semester as a fun & learning project. The goal for this project is to design park that is combined of assorted activities in walkable proximity & mixed use of spaces. Activities were decided by playing dice game. Concept developed with time cruch of 2 studio classes, i have learnt how to develope a park plan with restrictions & limited timeline.

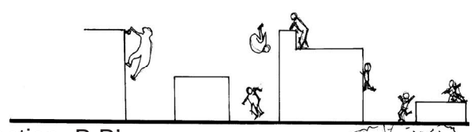
Concept



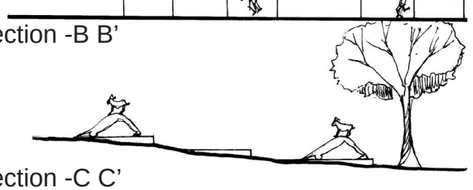
Sections



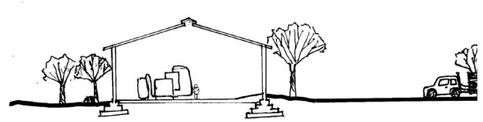
Section -A A’



Section -B B’



Section -C C’



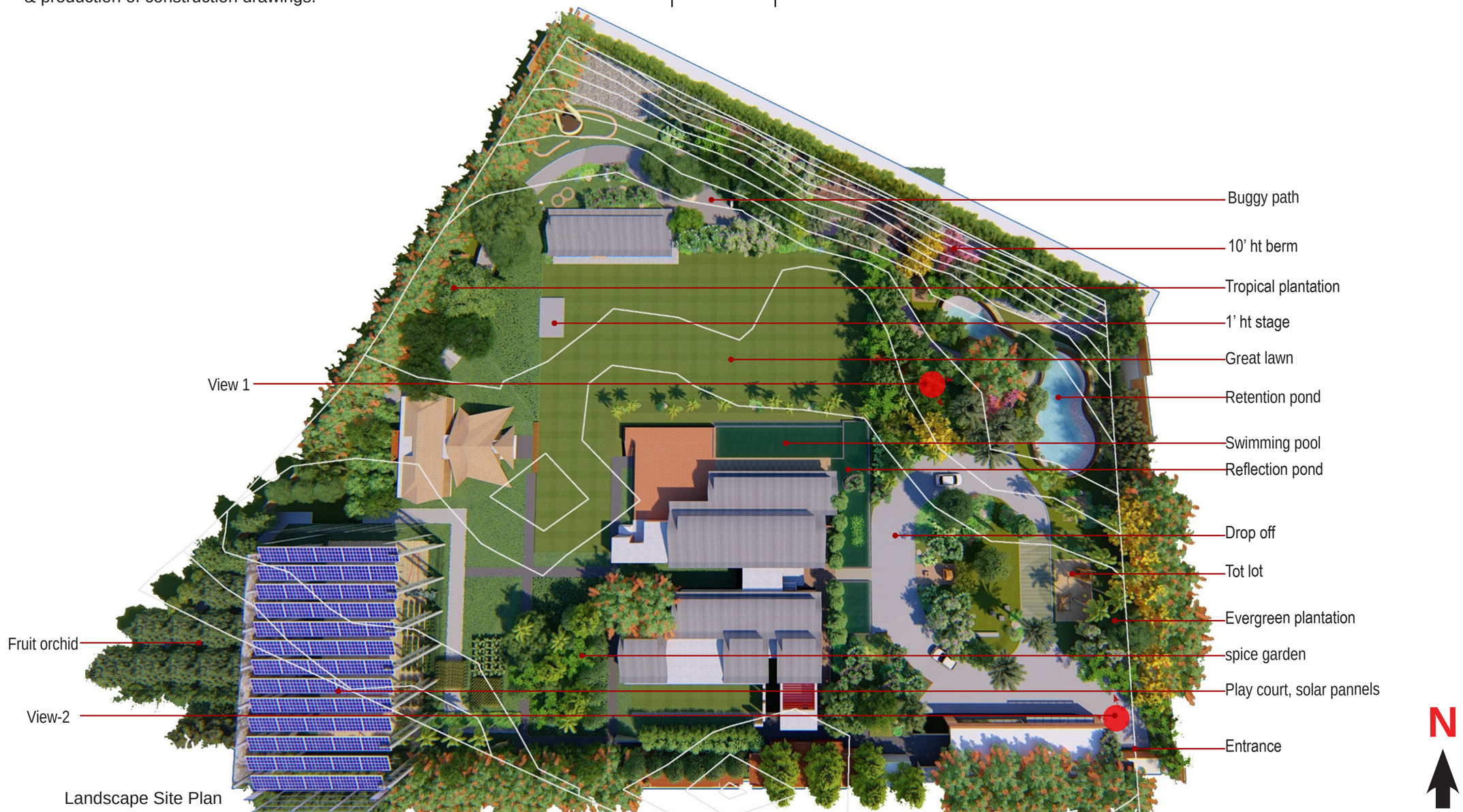
Section -D D’

Blueberry Farm House, 2019-2021

Type : Residential
Location : Hyderabad, India
L Architects : Ecode
Size :6 acre
Team : 4 people
Role : Contributed to design development, 3d modeling & production of construction drawings.

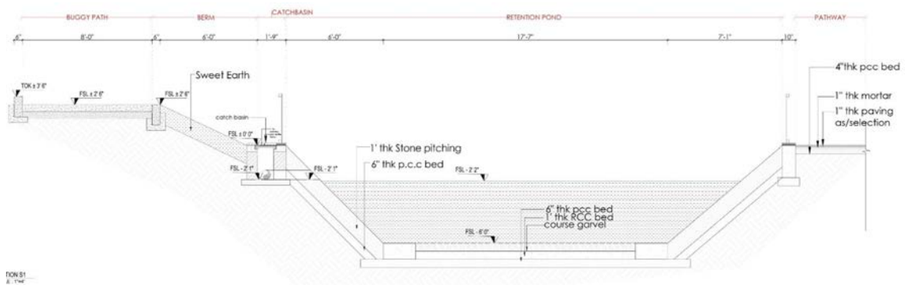
Introduction

The janwada farm house is a private residence designed with a theme of fire, water & sky. The main objective established by architects is to connect with nature. Rammed earth walls are being used to solidify the concept, Use of local material is encouraged. As landscape team our concept was to blend in with the architecture & elevate the architectural elements. It is designed as self sustaining residen. it has retaining pond, fruit orchid & vegetable garden.

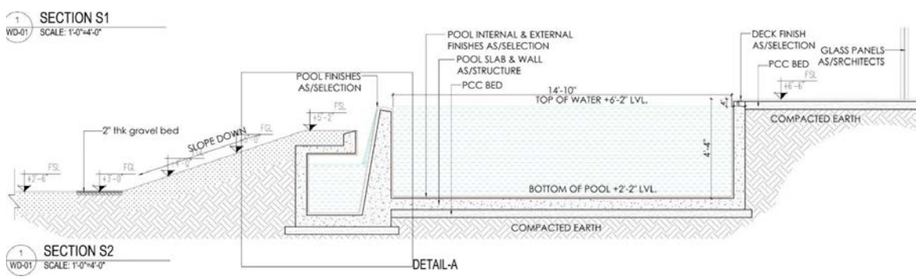


Landscape Site Plan

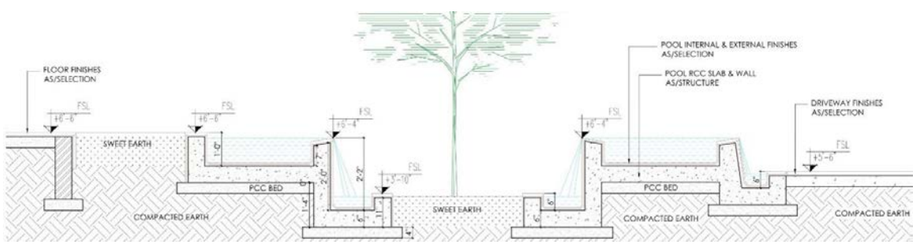
Construction drawings



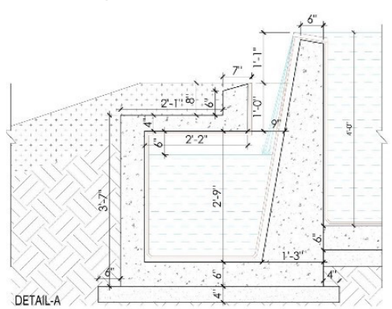
Retention pond



Swimming pool



Reflection pond



Infinity spill

Renderings

Aerial view

Retention pond & buggy path

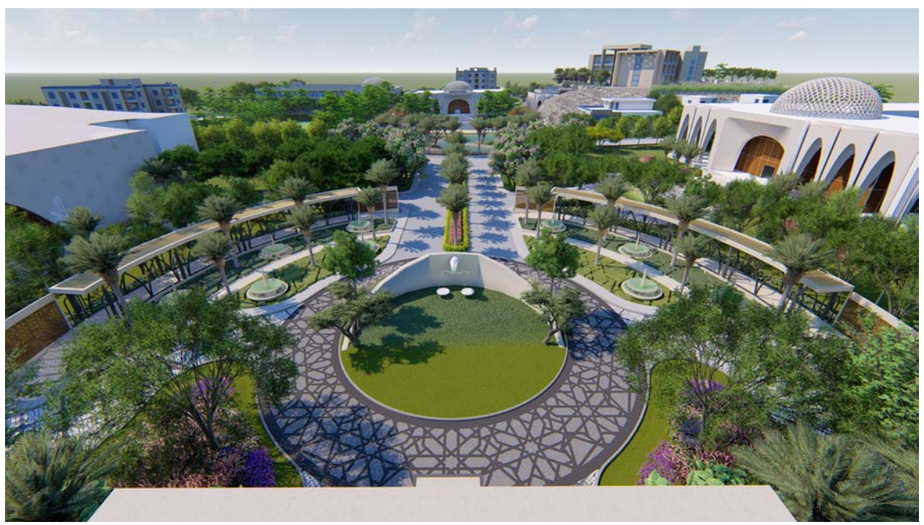
Entrance view

Law school, 2020

Type : Institution(Design competition)
Location : Hyderabad, India
L Architects : Design by principal L architect @ Ecode
Size : 20 acre
Team : 5 people
Role : Contributed to design development, 3d modeling & production of construction drawings.

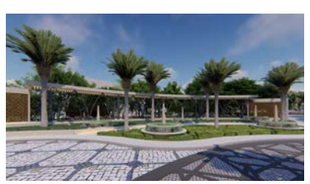
Introduction

Law school is a competition project in hyderabad, organized by state high court. ECODE participated as a landscape designers. The competition goal is to build a new law campus for the state government. Design inspiration is taken from the historical nizam's indo islamic style architecture of 1500's, vast gardens with water features representing the city of hyderabad once known as city of lakes. Learning objectives from this project is how to interpret the historical elements in the landscape design.



Entrance aerial view

Main Entrance gate view



Shade walkway view

Dispensary view

Landscape Site Plan

Miscellaneous

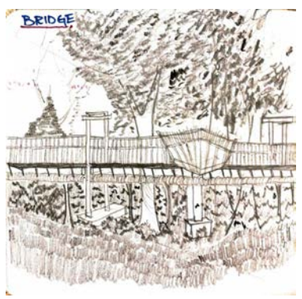
Falling water model making for History of Contemporary architecture_2015

Model making

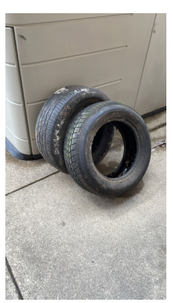
Model making

Parthenon group model- 2013

Field trip week sketches - (south carolina) fall 2022



Green construction_ group project (2 people) - fall 2023



Recycled seater using old tiers, invested 6 $ for the rope. Me & my team mate felt this is a green project.

Thank you