CLASS PROJECT REPORT FOR COMMUNITY SERVICE
Landscape Architecture Program
Department of Horticulture and Landscape Architecture
Oklahoma State University

Project Name
Oklahoma Bar Association Headquarters

Class & Instructor
LA 4034 Planting Design; Cheryl Mihalko

Client
Oklahoma Bar Association

Planning / Design Time Frame
5 weeks in spring 2017

Funding
Oklahoma Bar Association

Project Description & Outcomes
Located along the capital mall in Oklahoma City, the Bar Association Headquarters director asked that a new planting design for the entire property be prepared. The existing landscape is outdated and worn and they requested advice as pre-professional services to help guide them through the decision making process about the new landscape design installation.

Selected Student Work

Reported by
Cheryl Mihalko

CLASS PROJECT REPORT FOR COMMUNITY SERVICE
Landscape Architecture Program
Department of Horticulture and Landscape Architecture
Oklahoma State University

Project Name
Douglas Neighborhood Park Master Plan
Oklahoma City, OK

Client
Douglas Neighborhood Association
Facilitated by Professor Tom Spector

Class & Instructor
LA 4415 Recreation and Open Space;
Bo Zhang

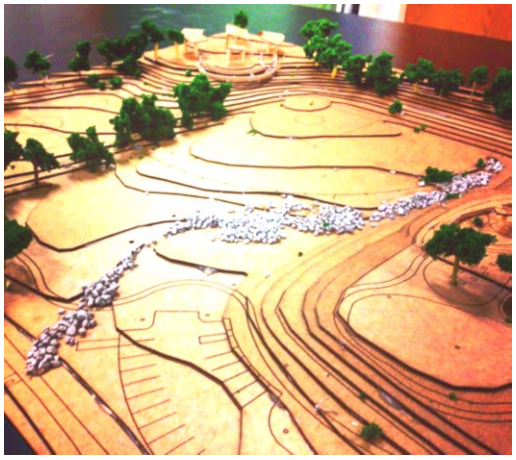
Planning / Design Time Frame
3 weeks in spring 2016

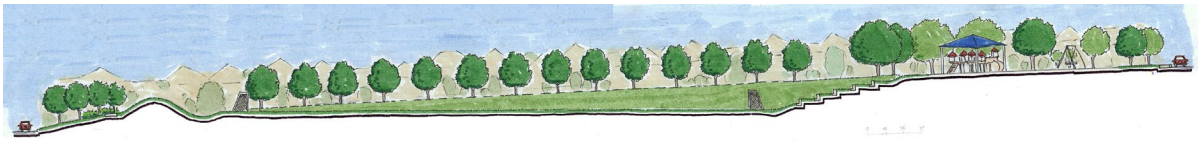
Project Description & Outcomes

Douglas Neighborhood Park Master Plan, commissioned by Douglas Neighborhood Association in Oklahoma City, was to create redevelopment scenarios for the existing park. Students of Studio 3 followed a process from interviewing neighborhood board members, developing programs, interim review, to final presentation. On the 11th of February, 2016, the student group presented 11 proposals to the Neighborhood association board members. A scholarship was kindly created for top proposals, which were from Andy Kirby (first place tied), Payton Wynes (first place tied), and Cody Landis (3rd Place). The presentation was well received. In an email issued to Prof Bo Zhang (2/16/2016), it stated that “the neighborhood board members were unanimous in thinking that the juries were a great success.”

As informed by Prof Tom Spector, ideas from the students’ design proposals, such as adding native plants, increasing pathway system, and increasing recreational programs, were absorbed into the January 2017 version Douglas Park Master Plan Concept.

Selected Works





Reported by

Bo Zhang

CLASS PROJECT REPORT FOR COMMUNITY SERVICE
Landscape Architecture Program
Department of Horticulture and Landscape Architecture
Oklahoma State University

Project Name
Lindsay Mansion Ground Redevelopment
Lindsay, OK

Class & Instructor
LA 4415 Urban Design
Bo Zhang

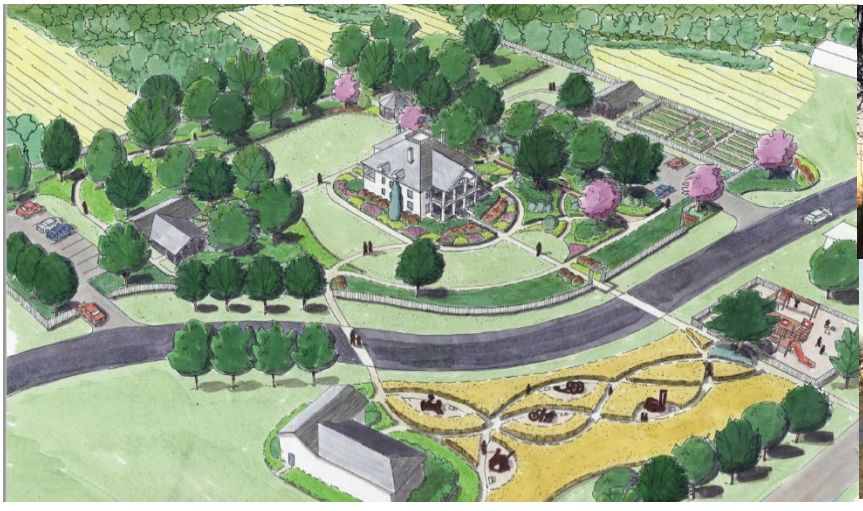
Client
Lindsay Historical Society

Planning / Design Time Frame
5 weeks in Fall 2017

Project Description & Outcomes
The project mission is to map out the future master plan for the ground of the Murray-Lindsay Mansion, a two-story, fourteen-room historical landmark in Erin Springs, OK. The mansion, built in 1879 by Frank Murray, an Irish immigrant and his Chickasaw Indian wife, Alzira McCaughey, featured the grand size, a grand portico, four massive ionic columns on the front, nice woodwork, and elegant furniture. Murray family owned and maintained the mansion until it was purchased by the Oklahoma Historical Society in 1968. Facilitated by OKC landscape architect Mike Suttong, students and faculty from OSU Landscape Architecture Program were invited to provide master plan proposals for the ground of the mansion, which are supposed to beautify the place, engage the community, and celebrate the significances of the mansion. As a studio project, this design mission serves learning objectives to understand historic preservation design and its design requirements, to conduct the landscape design at site scale with considerations of its urban context, and to enhance the hand rendering skills.

On Dec 8th, 2017, Studio 5 students successfully presented eight design proposals in the Old Lindsey School House, which is also part of the project site. Executive committee members of the historical society, landscape architect Mike Suttong, and Prof Bo Zhang Joined in the review. The project proposals will be used to inform future development and facilitate fund raising. In this historical setting, this project presentation gracefully concluded the fall semester and celebrated the upcoming Christmas of 2017!

Selected Student Work



Reported by
Bo Zhang

CLASS PROJECT REPORT FOR COMMUNITY SERVICE
Landscape Architecture Program
Department of Horticulture and Landscape Architecture
Oklahoma State University

Project Name
Stillwater Chinese Baptist Church Ground Plan
Stillwater, OK

Class & Instructor
LA 4415 Recreation and Open Space;
Bo Zhang

Client
Stillwater Chinese Baptist Church

Planning / Design Time Frame
3 weeks in spring 2018

Project Description & Outcomes
The project mission is to design the ground for the Stillwater Chinese Baptist Church. By invitation, students from OSU Landscape Architecture Program provided design proposals, which are supposed to beautify the place, engage the community, and celebrate the significance of the church community. The design team visited the church site and interviewed church members for their experiences, needs and visions. Internal workshop was held to identify the design programs. A second interaction occurred to inform the community about the design process and to seek feedbacks. The final presentation was well received.

Mater Plan

Birds Eyer Perspective

Reported by
Bo Zhang

CLASS PROJECT REPORT FOR COMMUNITY SERVICE
Landscape Architecture Program
Department of Horticulture and Landscape Architecture
Oklahoma State University

Project Name
Repurposing a Mall Into a Dementia Village

Client
Collaborate with OSU Interior Design

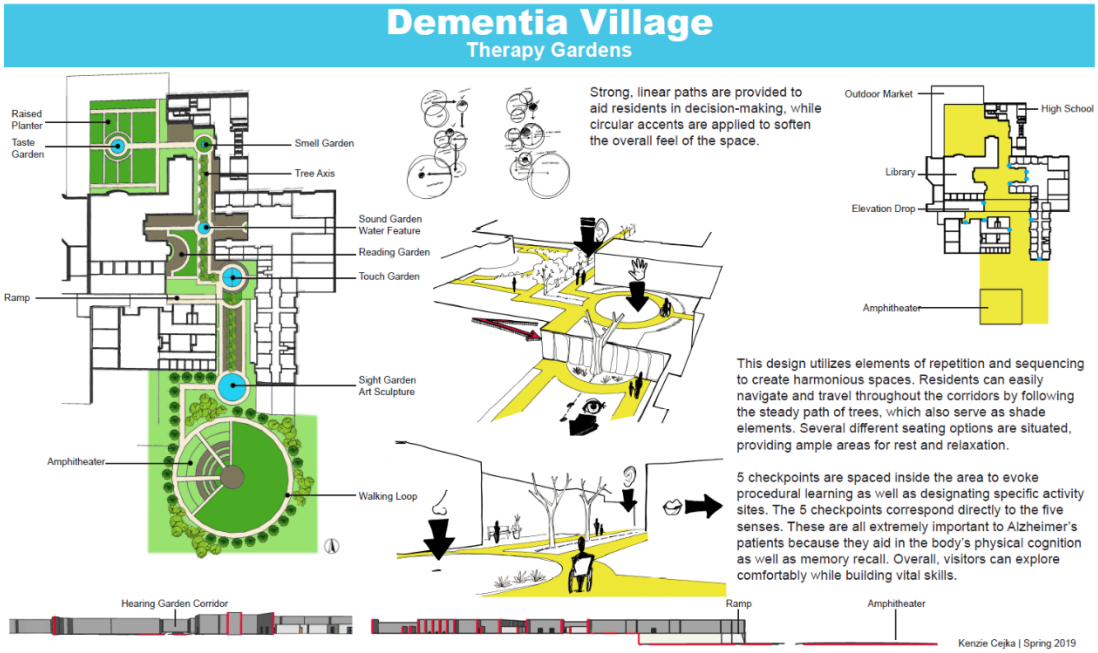
Planning / Design Time Frame
Spring 2019

Class & Instructor
LA3894 Construction 2; Qing Lana Luo

Project Description & Outcomes

The population of adults 65 and older will nearly double in the next 20 years. More than 5 million Americans have dementia. By 2050, that number could reach 13.8 million. Loneliness and isolation plague aging populations and can compound the physical ailments associated with dementia. When the elderly moved from home, places for care tend to feel more like hospitals than homes. While malls in the US are going bankruptcy. By 2022, one out of every four malls could be out of business. With sprawling, open floor plans, malls are fantastic locations for "dementia Villages." Instead of shops, imagine the renovated mall with living space medical care outdoor recreation entertainment restaurants and more. The LA 3894 class took on the task to collaborate with interior design students to envision what the dementia village outdoor landscapes looks like.

Selected Student Work



CLASS PROJECT REPORT FOR COMMUNITY SERVICE
Landscape Architecture Program
Department of Horticulture and Landscape Architecture
Oklahoma State University

Project Name
Washington Street Improvement
Stillwater, OK

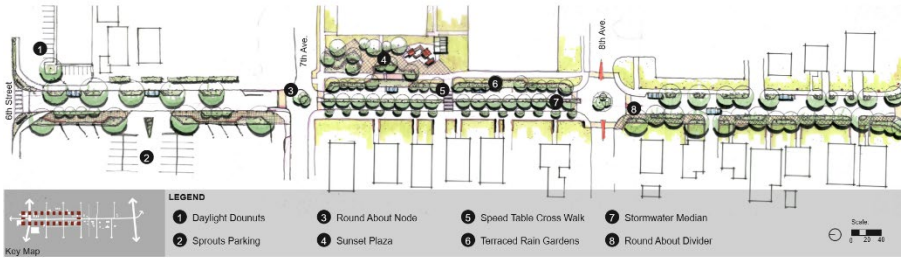
Class & Instructor
LA 4515 Recreation and Open Space;
Bo Zhang

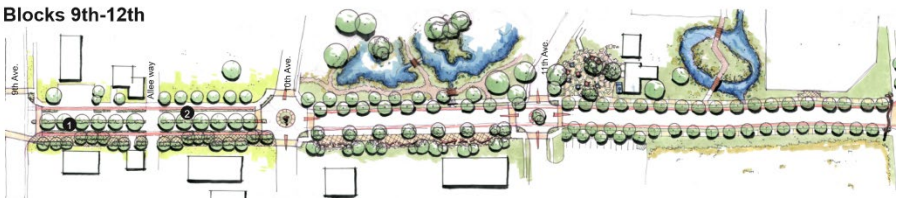
Client
Stillwater City Community Development Office

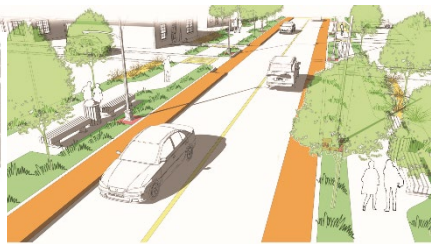
Planning / Design Time Frame
4 weeks in Fall 2019

Project Description & Outcomes
The Stillwater City Community Development Office recently commissioned OSU Landscape Architecture Studio 5 to provide new scenarios for the South Washington Street (from the 6th Street to the 12th Street). The street, an extension of the “Strip”, connects the two busiest urban streets in Stillwater. The OSU main library tower is visible along the axis of the street. Recently, intense development occurred along the 12th Street, including housing, commercial, institutional, medical, and a prospective major park. The project took into considerations the street spatial making, the current and future land use, stormwater management, and adjacent public amenities. Stillwater City Planning Manager Lanc Gross and Senior Planner Rian Harkins participated in the site visit, the interim review, and the final review.
The final design proposals presented on December 9th were well received by the client. Senior Urban Planner Rian Harkins wrote: “City of Stillwater Community Development staff have been fortunate to have spent the last few weeks working with students from Oklahoma State University’s Landscape Architecture program to create concepts for the Washington Street corridor. These concepts will be used to help improve connectivity and circulation between existing and developing areas of the community….”

Selected Works







CLASS PROJECT REPORT FOR COMMUNITY SERVICE
Landscape Architecture Program
Department of Horticulture and Landscape Architecture
Oklahoma State University

Project Name
Wildblume redevelopment project
Ponca City, OK

Class & Instructor
LA 4515 Recreation and Open Space;
Bo Zhang

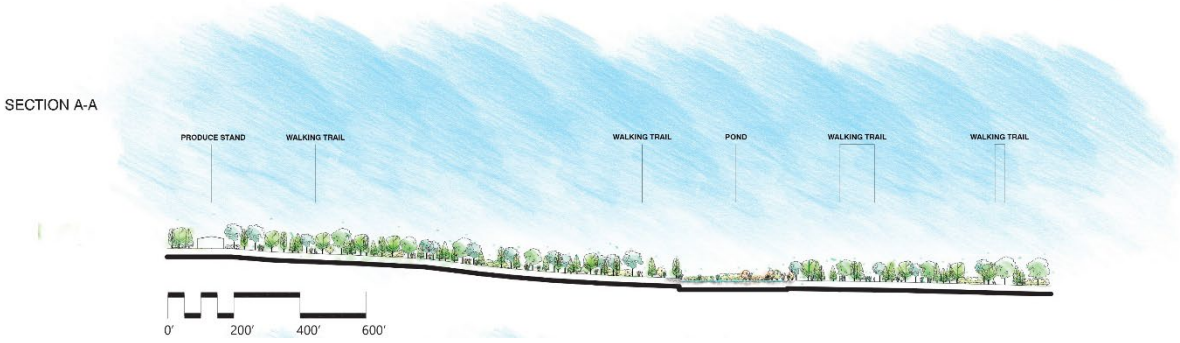
Client
Private

Planning / Design Time Frame
3 weeks in spring 2021

Project Description & Outcomes
The Wildblume redevelopment project is centered around a family-owned cattle ranch in Ponca City, Oklahoma. The site is roughly 160 acres and is a half mile by half mile square located on at the intersection of Lake Road to the north and Longwood Road to the west. During a site visit, the observed site conditions was a large property with varying terrain and topography as well as an assortment of old farm equipment and materials such as old trucks, tractors, derelict buildings and fences as well as various other materials. All of this was done with the end goal of transforming this old cattle ranch into a new family homestead with features and amenities that would bring future generations for years to come.

Selected Student Work


perspective of dirt bike track



Reported by
Bo Zhang

CLASS PROJECT REPORT FOR COMMUNITY SERVICE
Landscape Architecture Program
Department of Horticulture and Landscape Architecture
Oklahoma State University

Project Name
Stroud Foster Park Master Plan
Stroud, OK

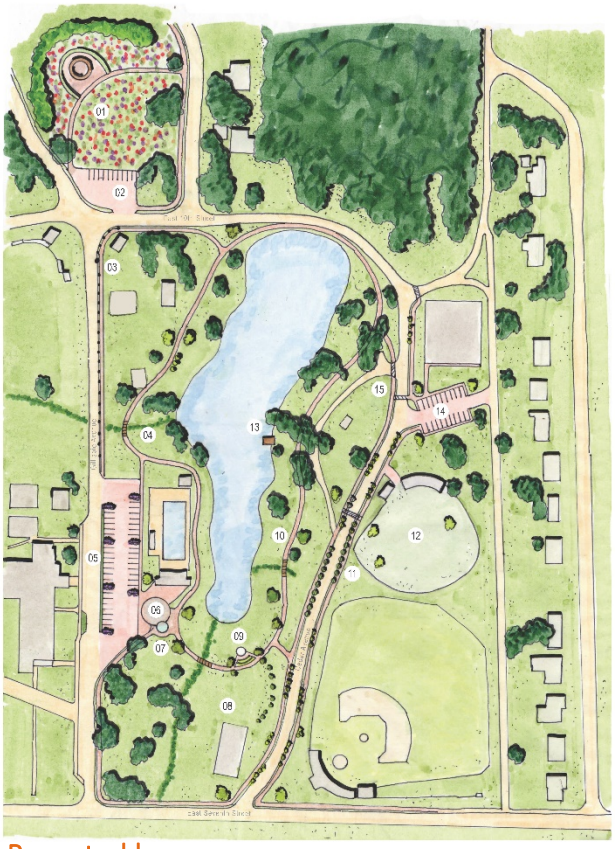
Class & Instructor
LA 4515 Urban Design
Bo Zhang

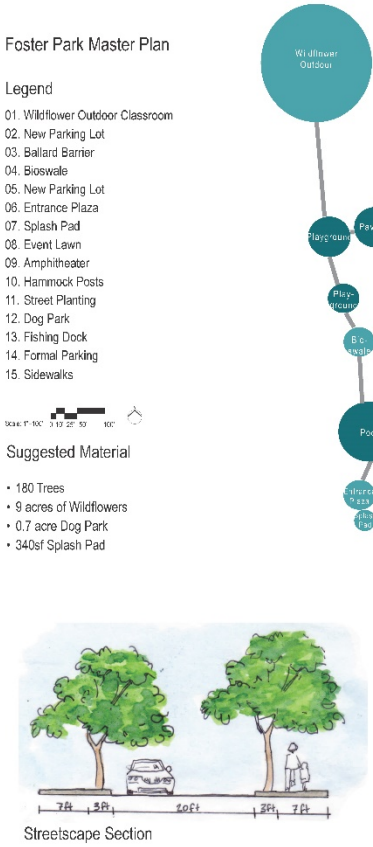
Client
Stroud City Government

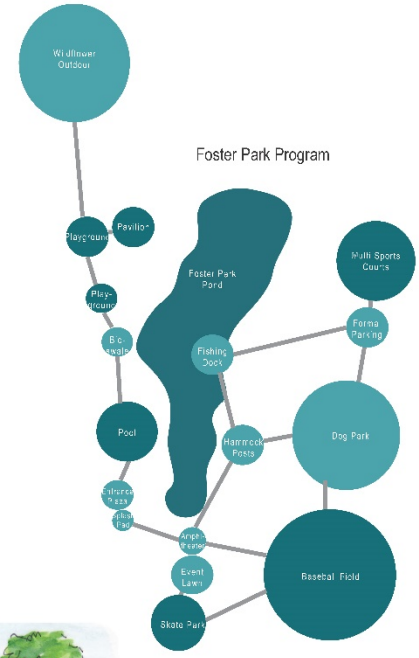
Planning / Design Time Frame
4 weeks in Fall 2021

Project Description & Outcomes
With a population of about 2,700, Stroud sits right between Oklahoma City and Tulsa, with the old Highway 66 and Turner Turnpike as its major connecters to outside. Foster Park in Stroud occupies 20-acre urban land and works as the major city public space. The Park was established in the 1960s from a donated cattle field. Over the years, Foster Park was waning, suffering from lack of visitation, soil erosion, water algae, facility degradation, poor connectivity to neighborhood, and others. Through a multiple phase public participation process, the design team involved, consulted, and cooperated the local community in determining the needs and programs. A final master plan was finally determined from the multiple scenarios.

Selected Student Work







Kelcie Osgood
Professor Bo Zhang
Studio 5- Oklahoma State Universtiy
Fall 2021

Reported by
Bo Zhang

CLASS PROJECT REPORT FOR COMMUNITY SERVICE
Landscape Architecture Program
Department of Horticulture and Landscape Architecture
Oklahoma State University

Project Name
Concordia Memorial Garden

Client
Private landowner

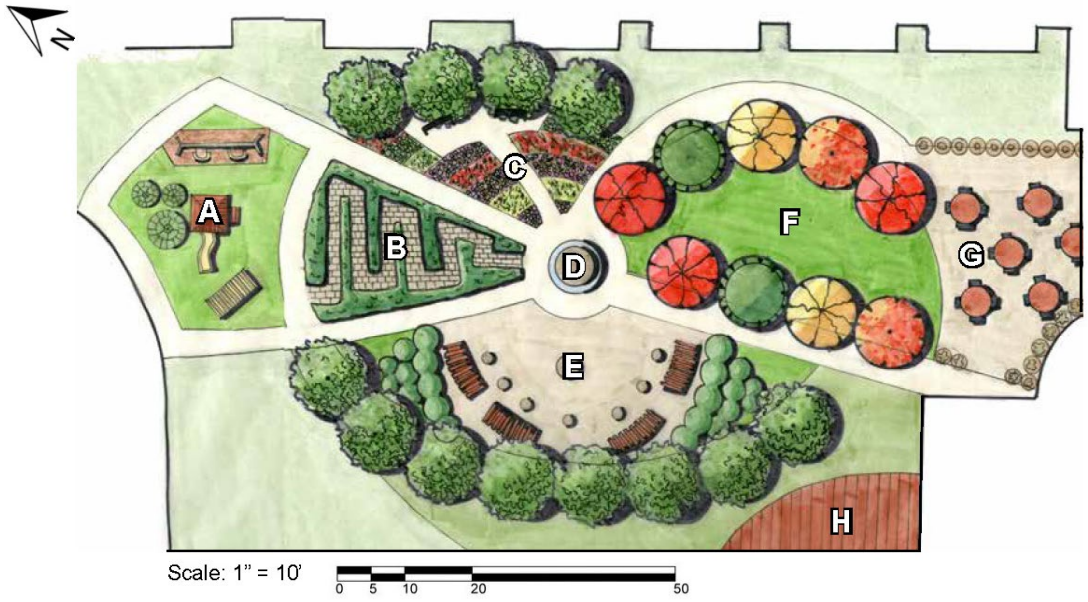
Class & Instructor
LA3325 Studio 2; Qing Lana Luo

Planning / Design Time Frame
2016

Project Description & Outcomes

The Concordia Life Care Community is a full-service nonprofit continuing care Christian retirement community offering senior living in Oklahoma City. The project is to develop a garden in their central courtyard. The design process aims to design with memorial elements, therapeutic programs for the elderly and their family. Meanwhile, students should create distinguished spaces, paths, and thresholds. Each student is required to delivery analysis diagrams, a masterplan, enlargement plans, sections and elevations, perspectives, details, and a physical model.

Selected Student Work



Legend

A. playground
B. labyrinth
C. flower garden
D. memorial globe
E. donor plaza
F. open lawn
G. outdoor tables
H. deck on a hill

Xochilyn Davis

CLASS PROJECT REPORT FOR COMMUNITY SERVICE
Landscape Architecture Program
Department of Horticulture and Landscape Architecture
Oklahoma State University

Project Name
Gepner EcoVillage Masterplan

Class & Instructor
LA3325 Studio 2; Qing Lana Luo

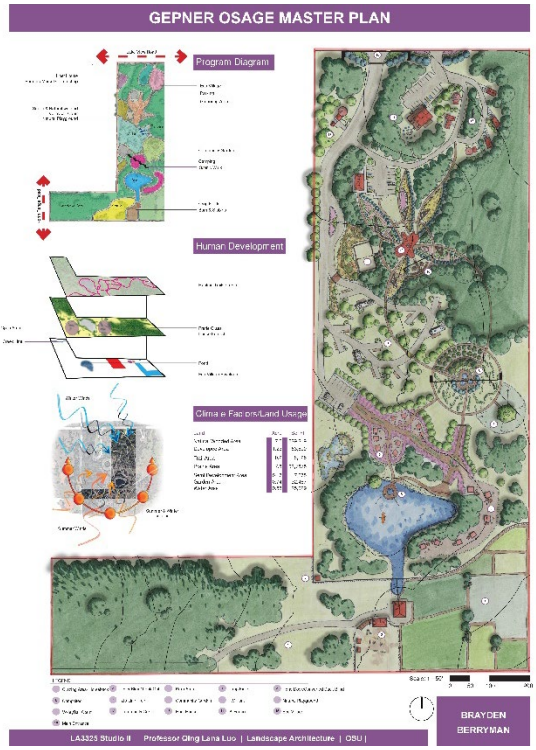
Client
Private landowner

Planning / Design Time Frame
2017

Project Description & Outcomes

The project is to create a masterplan with landscape conservations for a tract of 18-acre land in on the west side of Stillwater, OK. The site has native vegetation, undulating landform, an existing house, and a pond. The students masterplan proposals should include a main entrance arrival area, a host house, six tiny houses, a constructed wetland, community gardens, multi-functional green open spaces, conserved natural areas, low impact development practices , ten to twenty RV sites, and vehicular and pedestrian circulation routes. Each student is required to deliver analysis diagrams, a masterplan, enlarged tinyhouse area, RV site, and main entrance are.

Selected Student Work



Brayden Berryman

CLASS PROJECT REPORT FOR COMMUNITY SERVICE
Landscape Architecture Program
Department of Horticulture and Landscape Architecture
Oklahoma State University

Project Name
Sustainable Design for Donner Park Harvesting

Class & Instructor
LA3894 Construction 2; Qing Lana Luo

Client
Ponca City

Planning / Design Time Frame
Spring 2020

Project Description & Outcomes

The Donner Park is located 1,100 feet away from Ponca City's north-south major corridor Hwy 77. It consists of 15.2 of undeveloped land. This project needs design help on a holistic approach to brainstorm various programming and sustainable elements to treat stormwater issues. The goal of this envisioning and designing efforts is to make functional surrounding connectivity, sustainable storm water plans. The park development staff hopes the citizens around the park will see the huge potential of the land. The class took on the role to help envision the park with sustainable elements and solve circulation problems. Students included rain gardens, permeable paving, green roof, and rainwater harvesting design practices in their design.

Selected Student Work

Carmen Wright

CLASS PROJECT REPORT FOR COMMUNITY SERVICE
Landscape Architecture Program
Department of Horticulture and Landscape Architecture
Oklahoma State University

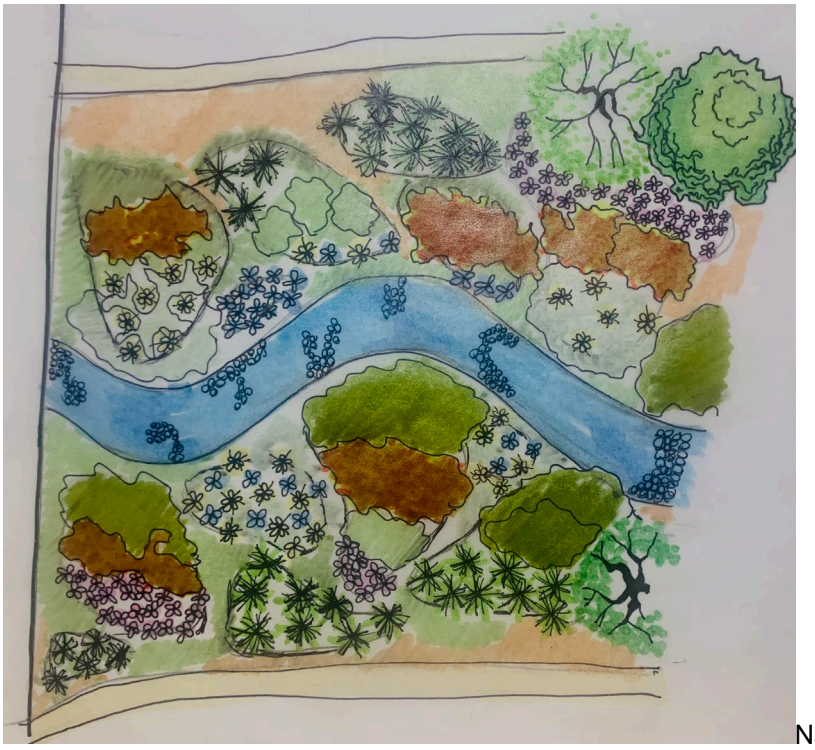
Project Name
Lakeview Village Rain Gardens

Client
Lakeview Village HOA

Class & Instructor
LA3894 Construction 2; Qing Lana Luo

Planning / Design Time Frame
3 months in spring 2021

Project Description & Outcomes
The Lakeview Village is in northern Stillwater on N. Washington Street. It is situated right on the west of the largest urban lake of Stillwater – Boomer Lake. The neighborhood has an existing stormwater pond with out-of-order dam which leaks water out of the pond and flow east through a concreate swale and goes into Boomer Lake carrying potential stormwater pollutants. The Construction 2 class was contacted to take a lead on envisioning the concreate swales into rain gardens with natural elements to slow, infiltrate, and cleans the runoff before getting to the Boomer Lake. The project was carried out during the COVID-19 pandemic. The class was able to conduct safe site visit and client meetings with combined in-person and virtual methods. A concept design process was carried out and the HOA president was invited to the discussions and review processes. A total of nine design schemes were provided to address the sustainable stormwater management issues, erosion, visual effects, and planting species selection.

Selected Student Work

Nahlia Howard

CLASS PROJECT REPORT FOR COMMUNITY SERVICE
Landscape Architecture Program
Department of Horticulture and Landscape Architecture
Oklahoma State University

Project Name
New Frontiers Ag Hall Rainwater Harvesting

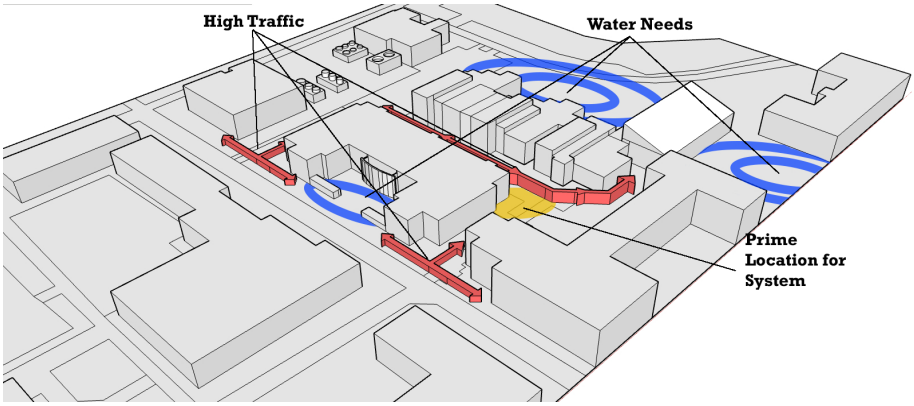
Client
OSU Landscape Services & Ferguson College

Class & Instructor
LA3894 Construction 2; Qing Lana Luo

Planning / Design Time Frame
2 months in spring 2021

Project Description & Outcomes
The New Frontier Ag Hall is being constructed starting from year of 2021. The student survey had shown there were enormous interests in having sustainable features for the new architecture. While one of the components of Construction 2 class is water conservation and rainwater harvesting, the class took on the task to brainstorm the rainwater harvesting design ideas. At the end of the semester, the class has provided multiple design schemes. Calculations of rainwater volume were conducted. Each student researched above-ground or underground rainwater cisterns from various manufactures that can be specified in their design.

Selected Student Work



Brandan Perkins

Rainfall Calculations
Whole roof

Month	Rainfall (in)	Supply for 62,880 sf roof (gal)	Irrigation Demand for 21,850 sf planting (gal)	Supply to Demand Ratio
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	3.79	148,947	21,850	6.817
5	5.91	232,263	21,850	10.630
6	4.72	185,496	21,850	8.490
7	3.36	132,048	21,850	6.043
8	2.9	113,970	21,850	5.216
9	4.26	167,418	21,850	7.662
10	3.93	154,449	21,850	7.069
11	2.81	110,433	21,850	5.054
12	-	-	-	-

Kassidy Przymus