Charlotte Sawyers Natural Area: Shine **Parking Stalls (28)** Platte County, MO Kastasya Jackson Swale Prof. Skabelund | LAR 410 | Fall 2018 Kansas State University Significant Trees **Amphitheater** In the memory of the Sawyers Dumpster **Tree Sculpture** family, the Platte Land Trust **Drop-off Shelter** committee has requested a design for the 20 acre site. The design must have a naturalistic Drop-off Pond character and revitalize the Oak-Hickory Woodland native landscape. Shine will be the essence of what the site can **Wetland Plants** become when the landscape **Bus Parking** Green Butterfly is partnered with artistic Garden qualities. The tree sculpture and butterfly gardens will bring back the glimmer and **Nature Center** grace of the place; the trails Rain with take guests through areas Garden of nature that they've never **Significant Trees** experienced firsthand. This Outdoor experience is meant to have Gathering Black Walnut Woodland the users be intimate with the natural landscape of the greater region that the Charlotte Sawyers Nature Area is a part of. The site design is intended to be low maintenance and must reintroduce some of the native plants back to the Savanna Demonstration

Conceptual Plan



site. Sustainability is to be

to the environment and

enhanced with the use of native

plantings; they are well adapted

ecosystems; therefore, they will

not need as much maintenance

will unify artistic qualities while

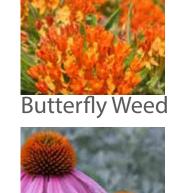
or irrigation. Overall, the site

being sustainable as well.

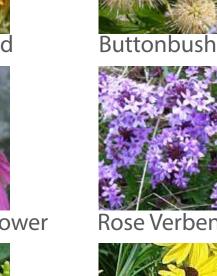


New Jersey Tea

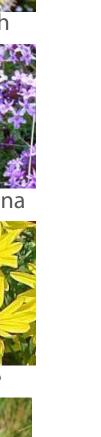




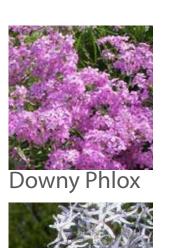
Purple Coneflower



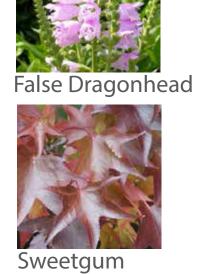
Sweetcone





















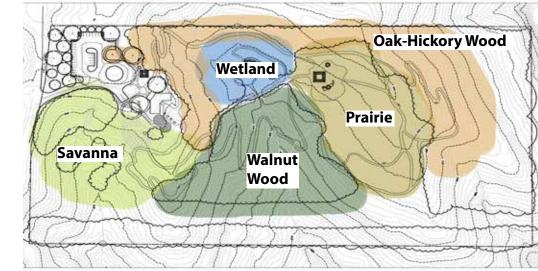


Garden

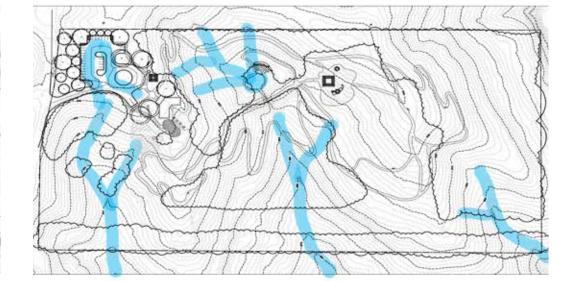
**Restored Prairie** 

A. Journey to the Nature Center passing by Tree Sculpture

B. Occupying the Outdoor Gathering Space



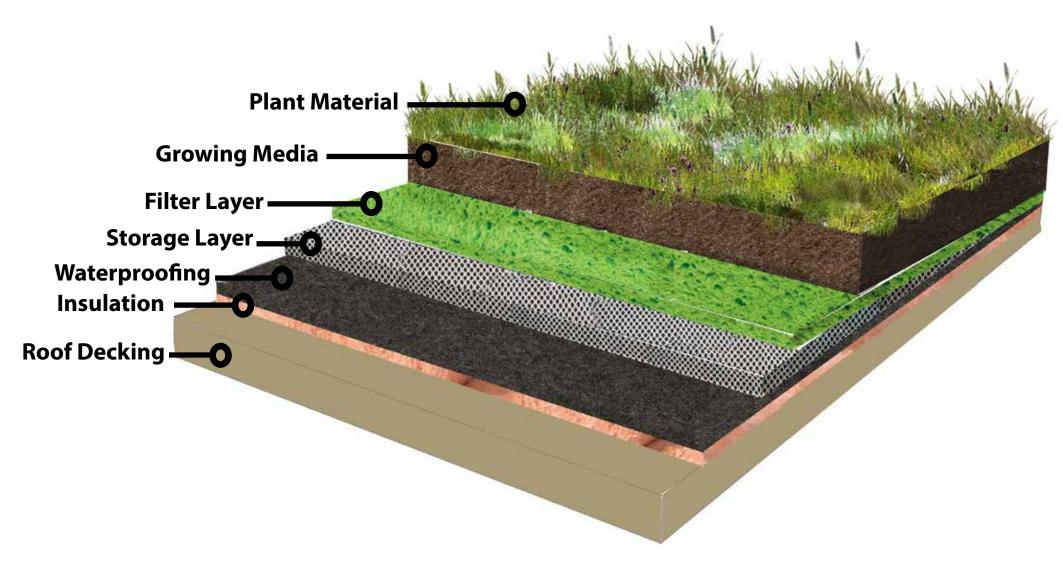
Ecosystems of the Site



Drainage Pattern on Site

Theoretical Planting Scheme





**Existing Soil Ephemeral Vegetation** Structural Soil **L**Biodetention Soil **L**Infiltration **L**Pervious Concrete

Parking Lot Section A-A'

Green Roof Layers Diagram