

Scott County Public Library Parking Lot

project description | sustainable design

location

Georgetown, Kentucky

client

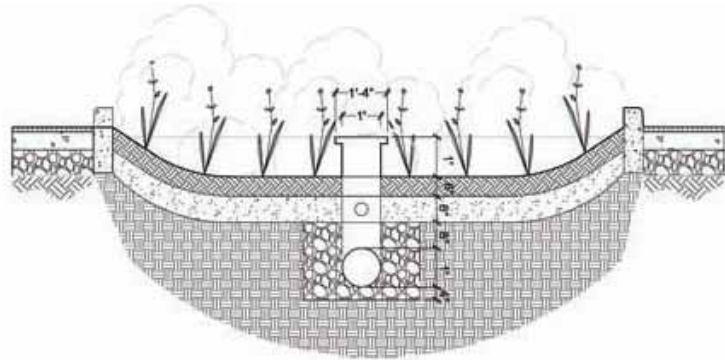
JRA Architects
3225 Summit Square Place
Lexington, Kentucky 40509
(859) 252-6781

completion date

Spring 2007

budget

\$200,000



LEED Credit Opportunities

SS Credit	1.0
SS Credit	5.2
SS Credit	6.1
SS Credit	6.2
WE Credit	1.1
WE Credit	1.2
WE Credit	2.0

CDP Engineers worked with JRA Architects to develop a **Green Design** parking lot addition for the Scott County Library. The layout for the new parking lot encompasses an off street entry drive, pedestrian walkways, and required landscape by the City of Georgetown. What's unique about this parking lot plan is the fact the landscape islands in the parking lot contain a rain garden storm water filtration system. This rain garden collects the storm water runoff to slow the pace of the water down by having a ponding and infiltration effect on the water. As the water enters the island it percolates down into the soil, through a sand bed and into perforated pipes that run into the existing storm systems. **Green Design** solutions such as this help improve water quality and assist in the protection of the watershed.



project components

- Preparation of grading, drainage, and erosion control plans
- Site layout preparation
- Landscape design
- Coordination with architect, electrical engineers, city engineers and planners
- Rain Gardens
- Construction Administration