

GREEN CIRCLE SHOPPING CENTER

Springfield, Missouri



The Green Circle Shopping Center will be located at the corner of National Avenue and Republic Road in Springfield, Missouri. This \$3 million, 18,000-square-foot shopping center is being designed with green building techniques to achieve LEED Platinum status.

The Green Circle Shopping Center is being designed to achieve platinum leadership in energy and environmental design certification. When the project achieves platinum status, it will be the first shopping center to do so.

This project is led by the O'Reilly Family of Springfield, Missouri. Architecture is provided

by Hufft Projects, LLC, with water resources engineering, civil/site design, and land surveying services provided by Olsson Associates. While under separate employment, Olsson staff designed the electrical systems for building shell, site lighting, and the single LEED Commercial Interior infill. The general contractor for this project is Supermarket Builders. The location of the site was determined with the intention of preserving as many trees and as much green space as possible.

The interior of the building is equally unique, involving

geothermal heating, ventilation, and air-conditioning (HVAC), high-efficiency windows, recycled products, occupancy lighting controls, and daylight harvesting.

The Green Circle Shopping Center will employ the latest technology, strategies, and materials for ensuring sustainable design. Some of the specialized stormwater management techniques include:

- Porous concrete pavement
- Below-ground detention

- Green roof, rainwater cistern
- Native vegetation
- Depressed islands
- Bioswales
- Shared parking lots to reduce impervious areas
- Detention in undisturbed areas
- Tree preservation and water-quality filter strips.