

Herrity Building Parking Garage Demonstration Garden Fairfax County, Virginia



Date Installed: August 2007

Assembly: Building Logics Envirotech System

Roof Size: 5,000 sq. ft.

System Design: 3 in. deep extensive, 8 in. semi-intensive planting areas, 30 in. deep planters

Architect: SWSG, Inc.

Contractor: Magco Inc.

Client: Fairfax County Facility Management

Address: 12055 Government Center Parkway,
Fairfax, VA, 22035

Website: <http://www.fairfaxcounty.gov/news/2008/168.htm>

Above: This project was designed as a storm-water management monitoring demonstration garden. Interpretive signage was attached to the existing stair tower walls to provide information about the benefits of these systems and the components used in the three different built up assemblies.

Right: Pre-planted modular trays with all the different sedums used in the project were labeled and placed at the entrance of the project. Curvilinear walking paths make navigating the garden relatively easy. Benches and low walls allow for some seating areas. Over 60 different plants were used in the design.



Left: Traditional sedum and succulents plantings are planted in the foreground. Modular segmental units allowed us to create a semi-intensive planter filled with native perennials and grasses. The existing planter is filled with native woody shrubs and evergreen trees. All the assemblies incorporate drip irrigation. A cold fluid applied urethane coating was directly bonded to the concrete deck and a drainage mat with water retention properties was used throughout.

For additional, questions concerning the design of this system please contact the project manager (Gregory Long) at 301.452.1144.