Green Infrastructure & Stormwater Management
CASE STUDY

Tree House Books

Location: Philadelphia, PA
Client: Junior League of Philadelphia
Design Firm(s): Brenton Landscape Architecture
Landscape architect/Project contact: Charles Brenton, ASLA
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ASLA Chapter: Pennsylvania/Delaware

Photo: Brenton Landscape Architecture

asla.org/stormwater
Project Specifications
Project Description: Installation of rain barrels to harvest rainwater for irrigation purposes.

Project Type:
Institutional/education
A retrofit of an existing property

Design features: Rain barrels.

This project was designed to meet the following specific requirements or mandates:
Developer/client preference

Impervious area managed: less than 5,000 sq/ft

Amount of existing green space/open space conserved or preserved for managing stormwater on site: less than 5,000 sq/ft

The regulatory environment and regulator was supportive of the project.

Did the client request that other factors be considered, such as energy savings, usable green space, or property value enhancements? Fun and educational opportunity for school children to paint the rain barrels and use them to water their garden.

Cost & Jobs Analysis
Estimated Cost of Stormwater Project: <$10,000 (Public funding: None)

Was a green vs. grey cost analysis performed? No

Number of jobs created: None

Job hours devoted to project:
  Planning and Design: 8
  Construction: 8
  Annual Maintenance: 0

Performance Measures
Stormwater reduction performance analysis:
Diversion of 300 sq/ft of roof runoff from a combined sewer system

Community & economic benefits that have resulted from the project: Fun and education for school children
Additional Information
Links to images: http://www.brentonla.com/Current.html