Green Infrastructure & Stormwater Management
CASE STUDY

Tuxford Green

Location: Sun Valley, California
Client: County of Los Angeles, Flood Control Department
Design Firm(s): Cornerstone Studios, Inc.
Landscape architect/Project contact: Renie Meier-Wong
Email: renie@csstudios.com
ASLA Chapter: Southern California Chapter

Image: Cornerstone Studios, Inc.

Project Specifications

Project Description: This demonstration garden site is located at the lowest elevation in the Sun Valley watershed area and is prone to frequent flooding during the rainy season even though it is next to a storm drain inlet. Cornerstone Studios' design includes a cistern to capture and store the surface runoff, filter the water, and use it for irrigating the native demonstration garden. The paving pattern design and the planting pattern reflect the movement of the swirling water.

Project Type:
Transportation corridor/streetscape
Part of a new development

Design features: Cistern

This project was designed to meet the following specific requirements or mandates:
None

Impervious area managed: 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? No.

Cost & Jobs Analysis

Estimated Cost of Stormwater Project: $10,000-$50,000 (Public funding: None)

Was a green vs. grey cost analysis performed? No.

Cost impact of conserving green/open space to the overall costs of the site design/development project: Not applicable.

Number of jobs created: Not available

Job hours devoted to project: Not available

Performance Measures

Stormwater reduction performance analysis:
The cisterns were designed to store up to 45,000 gallons of stormwater for irrigation purposes.

Community & economic benefits that have resulted from the project: This demonstration garden project is located at a corner of an intersection. It provides seating next to a bus stop and added aesthetics to the area.

Additional Information

Links to images:

www.csstudios.com