



Green Infrastructure & Stormwater Management CASE STUDY

Innovation Village Phase 3

Location: Pomona, CA

Client: Calif. Polytechnic University @ Pomona

Design Firm(s): Site Design Studio, Inc.

Landscape architect/Project contact: Mike Sullivan, ASLA

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ASLA Chapter: Southern California

Project Specifications

Project Description: A one to three story office site used by Southern California Edison as region hub. Site captures stormwater into several infiltration swales at the perimeter of the site and two large parking planter areas. Riparian planting, ornamental grasses, with boulders/decorative cobbles provide functional infiltration and aesthetically pleasing landscape areas. The plant material is diverse and reflects the agricultural/horticultural heritage of the University.

Project Type:

Commercial

Part of a new development

Design features: Bioswale, porous pavers, and curb cuts.

This project was designed to meet the following specific requirements or mandates:

State statute, developer/client preference

Impervious area managed: 5,000 sq/ft to 1 acre

Amount of existing green space/open space conserved or preserved for managing stormwater on site: less than 5,000 sq/ft. Most of the landscape area is dedicated to the perimeter of the site with two large planters centrally located in the parking areas. The water is diverted into these landscape areas before it outfalls into the adjacent San Jose Creek.

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? Yes, outdoor people spaces are very important to this project so size, accessibility and orientation were important.

Cost & Jobs Analysis

Estimated Cost of Stormwater Project: \$50,000-\$100,000 (Public funding: State)

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: There was a slight increase but not significant for this type of project.

Cost impact of conserving green/open space for stormwater management over traditional site design/site development approaches (grey infrastructure)? Slightly reduced costs (1-9% savings). An approximation since it reduced the size and type of mechanical devices otherwise needed.

Number of jobs created: Not available

Job hours devoted to project: Not available

Planning and Design: Not available

Construction: Not available

Annual Maintenance: Not available

Performance Measures

Community & economic benefits that have resulted from the project: The Phase 3 project set a new standard for the continuing development of Innovation village - a partnership between University and private sector. The land is owned by the university and 100-year leases would be granted to corporate users. This project attracted SCE to locate here and commit the the construction of Phase 4 a second 3 story building under construction that has earned LEED Gold pre-certification, by following the same landscape principles applied to Phase 3. Innovation Village is approximately 60-acres master plan. This project is a huge step forward for the University at a time of stagnation for new commercial development in the area.

Project Recognition

California Landscape Contractors Association - Landscape Beatification Award Winner

Additional Information

Links to images: If interested we can forward project images to email address upon request.