



# Green Infrastructure & Stormwater Management CASE STUDY

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## Joint Use Facility City College of San Francisco

**Location:** San Francisco, CA

**Client:** City College of San Francisco

**Design Firm(s):** Royston Hanamoto Alley & Abey, VBN Architects, Pfau Architecture

**Landscape architect/Project contact:** Aditya Advani, ASLA and James Ingels, ASLA

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**ASLA Chapter:** Northern California

### Project Specifications

**Project Description:** 20,000 plus sq/ft green roof with a mix of plant material. Native/non-native succulents a large portion of the planting interspersed with selective native perennials. Small check dams incorporated into the sloped roof corresponded with plant material tolerances.

#### Project Type:

Institutional/education

Part of a new development

**Design features:** Green roof.

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

LEED Gold

**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:** 5,000 sq/ft to 1 acre

**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:** \$500,000-\$1,000,000 (Public funding: State)

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

**Cost impact of conserving green/open space for stormwater management over traditional site design/site development approaches (grey infrastructure)?** Significantly increased.

**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**

**Stormwater reduction performance analysis:**

Not available