

GREEN BUILDING FACT SHEET

WHAT MAKES BUILDINGS F & G AT THE CENTRAL SERVICES YARD GREEN?



BUILDING LOCATION & COMMUNITY IMPACT—

Located next to San José Municipal Stadium, the 22-acre Central Services Yard consolidates uses from four former sites into one. The site provides a transitional space between the area's heavy industrial activities and neighboring Kelley Park. The Central Services Yard is accessible via public transit and bicycle.



WATER EFFICIENCY—Buildings F and G feature waterless urinals and high-efficiency toilet fixtures that use recycled water. Both reduce on site potable water use by more than 50 percent compared to conventional buildings.



ENERGY & EMISSIONS—In December 2010, the installation of a 1.3 MW solar energy system was completed. This system produces an estimated 1.8 million kilowatt hours (kWh) of energy annually and over 25 million kWh over 20 years—about 85 percent of the energy needed at the site.



MATERIALS & WASTE—More than 20 percent of construction materials used for Buildings F and G were manufactured within a 500-mile radius and included materials containing at least 10 percent recycled content and construction wood from responsibly-managed forests.



HEALTH & SAFETY—Low-VOC (volatile organic compound) emitting adhesives, paints, carpet and other materials were selected for Buildings F and G. This contributes to healthier indoor air quality for employees and visitors.

SAN JOSE'S GREEN VISION IN ACTION

LEED certification of the Central Services Yard - Buildings F & G contributes to achieving the San José Green Vision goal to build or retrofit 50 million square feet of green buildings by 2022. It supports additional Green Vision goals related to energy and water efficiency, recycled water use and waste reduction. San José policies promote green building practices to reduce the impact of the built environment on global climate change. www.sanjoseca.gov/greenvision

BUILDING PROFILE

The Central Service Yard is the City's largest materials, vehicle and equipment storage and maintenance facility. Building F is the maintenance headquarters for the City's fleet of vehicles. Building G houses the main office for the City's Parks, Recreation and Neighborhood Services staff.

FUNCTION: Multi-purpose corporation yard providing fleet maintenance and technical support services to City Capital Improvement Projects and development/utility permit projects.

BUILDING SIZE: 115,000 square feet, one-story

OPENING DATE: January 2007

CERTIFICATION: LEED® Silver, March 2008

ARCHITECTS: Fentress Architects

CONTRACTOR:
Hensel Phelps Construction Company, Inc.

PROJECT MANAGEMENT:
San José Department of Public Works (CFAS)

FUNDING SOURCES:
Sale of Bonds
Conveyance Tax Funds



LEED SCORECARD*

CATEGORY	POINTS EARNED
Sustainable Sites	6
Water Efficiency	5
Energy & Atmosphere	5
Materials & Resources	7
Indoor Environmental Quality	7
Innovation & Design Process	4
TOTAL	34

* LEED for New Construction v2.1. Certification Thresholds:
Certified: 26–32 points, Silver: 33–38 points,
Gold: 39–51 points, Platinum: 52–69 points
www.usgbc.org



EXPLORE GREEN FEATURES AT CENTRAL SERVICES YARD - BUILDINGS F & G



Building F houses vehicle maintenance and repair bays for all City vehicles, including hybrids and other vehicles used by Police, Fire, Environmental Services and Parks & Recreation staff. The building uses natural light as well as efficient lighting fixtures to conserve energy.



The solar panel canopies over the visitor and main parking lots together with solar panels mounted on the roofs of four buildings including LEED-certified Buildings F & G generate over 85% of the energy needed to operate the entire facility. The canopies also provide much-needed shade for employee and visitor automobiles. All panels were added after LEED certification was achieved.



Colorful walls painted with low-VOC emitting paint divide Building G, a large warehouse space, into offices, meeting rooms and shops. Hallways are lighted exclusively by natural light coming through skylights.

MORE INFORMATION & CONTACTS

Central Services Yard-Buildings F & G

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Municipal Green Building Program

408-535-8550
www.sanjoseca.gov/esd/greenbuilding

