

# GREEN BUILDING FACT SHEET

## WHAT MAKES SAN JOSE FIRE STATION NO. 35 GREEN?

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**BUILDING LOCATION & COMMUNITY IMPACT**— Located on the Southside Community Center campus, Fire Station No. 35's site was designed to provide needed paved access routes and parking while preserving existing trees. 90 percent of all rainwater flowing from roofs and pavement is captured and treated before it enters the storm drains which release water directly to City creeks.
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**WATER EFFICIENCY**—The building's efficient irrigation system—which incorporates public art—contributes to a 50 percent reduction in water used for the landscape.
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**ENERGY & EMISSIONS**—96 percent of all regularly occupied spaces in the building receive at least as much daylight as is needed to sustain healthy houseplants (25 footcandles). In addition, reflective sunlight ports (SolaTubes®) amplify natural light into the second floor hallway.
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**MATERIALS & WASTE**—90 percent of the waste generated during construction was recycled. 20 percent of all materials used to build the new station are made of recycled materials.
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**HEALTH & SAFETY**—96 percent of all regularly occupied spaces in the station offer views outside. No- and low-VOC (volatile organic compound) emitting carpets, paints, finishes, and adhesives were chosen for the station interiors. Together, these measures contribute to creating a healthier and more comfortable indoor environment for those staffing the station 24 hours a day.

### SAN JOSE'S GREEN VISION IN ACTION

LEED certification of Fire Station No. 35 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](http://www.sanjoseca.gov/greenvision)

## BUILDING PROFILE

Fire Station No. 35 serves the City's Edenvale neighborhood, one of the most culturally diverse areas in California according to the 2010 Census. Completed in 2007, the station benefits the community by reducing emergency response times.

**FUNCTION:** Fire Station No. 35 is a two-company, three-apparatus bay station with a Battalion Chief. Designed as an "Essential Facility" under California State Code, the building meets rigorous requirements to ensure it survives earthquakes and other natural disasters.

**BUILDING SIZE:** 12,500 square feet, two-story

**OPENING DATE:** November 16, 2007

**CERTIFICATION:** LEED® Silver, October 2008

**ARCHITECTS:** RRM Design Group

**CONTRACTOR:** Farotte Construction Co., Inc.

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

**FUNDING SOURCES:** 2002 City of San José Public Safety

## LEED SCORECARD\*



CATEGORY	POINTS EARNED
Sustainable Sites	8
Water Efficiency	3
Energy & Atmosphere	2
Materials & Resources	7
Indoor Environmental Quality	11
Innovation & Design Process	3
<b>TOTAL</b>	<b>34</b>

\* LEED for New Construction v2.2. Certification Thresholds: Certified: 26-32 points, Silver: 33-38 points, Gold: 39-51 points, Platinum: 52-69 points [www.usgbc.org](http://www.usgbc.org)



## EXPLORE GREEN FEATURES AT FIRE STATION NO. 35



Artists Tom Drugan and Laura Haddad's work "Lineage" is composed of three sculptures that celebrate water, light and the fusion of natural and cultural history. Rainwater is captured and flows through the Tule Reed Drain down the chain to the Strata Wall which channels water to the landscape. The Strata Wall includes firefighting tools and items representing local agricultural, mining and tech industry histories. Three solar-powered Community Beacons (right) illuminate historic images of Edenvale and their surface reflects the present community.



Energy was conserved by reducing the number of light fixtures in the fire station maintenance bays. Lights focused on the top of trucks was eliminated and remaining fixtures ensure the sides, front and rear of the trucks are well lit.

Only products certified by Green Seal® are used to clean San José Fire Departments including station floors, bathrooms and kitchens.



### MORE INFORMATION & CONTACTS

#### San José Fire Department Station 35

135 Poughkeepsie Road  
San José, CA 95123  
408-277-4444

#### Municipal Green Building Program

408-535-8550

[www.sanjoseca.gov/esd/greenbuilding](http://www.sanjoseca.gov/esd/greenbuilding)

