

Facts

Description:

Master planning and green building consulting for city parkland

Project Owner:

City of San Jose

Architect:

The Portico Group

Completion Date:

2010

Objective:

Sustainable redevelopment targeting LEED Silver

Results

Achieved LEED Gold Certification

HAPPY HOLLOW PARK & ZOO, SAN JOSE



To support San Jose's goal to become an environmentally and economically sustainable city and provide 7.5 acres of regional and city-wide parkland per 1,000 people in the city, the City embarked on a \$72 million renovation of Happy Hollow Park and Zoo. The vision for the park included extensive green building planning, design and operations, as well as sustainable landscape design and maintenance.

Paladino Approach

Paladino contributed to the master planning concept and strategy development and supported the green building program for the project. Planning was facilitated through an eco-charrette and recommending green building strategies to align the park building program to the overall master plan. These sessions directed green design recommendations such as controls upgrades, water use reduction strategies, energy efficiency strategies, lighting strategies and reduction of light trespass.

Features incorporated into the park include green roofs on seven park buildings, stormwater management and recycled graywater usage, radiant flooring heating and cooling instead of HVAC in the majority of buildings, straw bale construction, use of clerestory windows in all buildings to optimize daylight while minimizing solar heat gain; and use of sustainable materials such as recycled base rock, glass and FSC certified wood and recycled plastic lumber.

About Paladino

Paladino is an industry-leading green building consulting firm providing sustainability expertise over a wide range of building and business issues. We work with high aspiration organizations of all sizes to develop advanced green building strategies for both new and existing construction.

A pioneer of the green building movement and one of the original creators of the LEED green building rating system, Paladino's esteemed clients include ConAgra Foods, Starbucks, PNC Financial Services, Microsoft, Verizon Wireless, Corporate Office Properties Trust and many more. At Paladino, we help our clients create business value by optimizing human, environmental and financial performance. Our customized technical approaches center on the unique concept of abundance as a driving force for organizational transformation. To learn more, visit www.paladinoandco.com.



*Paladino's abundance framework
(people, planet, prosperity)*

A large educational component to the park's program was included to foster sustainable living in the community as a whole. In addition, Paladino partnered with the contractor to help them deliver against the LEED Gold certification goal over 30 months of construction, resulting in recycling of 95% of construction waste that left the site.

Results

Ultimately, the project achieved LEED Gold certification in 2010, surpassing its LEED Silver target and becoming the first attraction and zoo in the country to be certified LEED Gold.