



LEED FACT SHEET

What a Platinum LEED Rating Means to the Springs Preserve

Nearly a decade of planning went into the Springs Preserve (Preserve). Utilizing guidelines created by the U.S. Green Building Council (USGBC), the buildings on the Preserve site are designed and constructed to achieve Platinum Leadership in Energy and Environmental Design (LEED) certification. LEED projects are rated utilizing a scorecard that recognizes points for the following six categories: Sustainable Sites, Water Efficiency, Energy and Atmosphere, Materials and Resources, Indoor Environmental Quality, and Innovation and Design. To achieve certification, a project must maintain stringent LEED standards in the areas of design, construction and operation.

LEED Elements at the Springs Preserve

DESIGN ELEMENTS – Buildings at the Preserve are positioned to utilize natural lighting, collect solar power to radiantly heat floors and water, and contain only Low E (energy) north and south facing windows. Structures have been designed to take advantage of natural ventilation and several make use of entryway, overhangs and patio microclimates. Butterfly roofs on a few of the buildings will help collect storm water for reuse.

REUSED MATERIALS - Reclaimed timber, salvaged wood from the Lucin Cutoff Trestle Bridge over which trains crossed the Great Salt Lake until the 1950's, and glulam beams are used as primary supporting structural elements throughout the Desert Living Center (DLC). Modular carpet tile made from recycled plastic bottles and corn husks, furnishings made of recycled sunflower seed husks and countertops made from recycled paper are just a few of the recycled products utilized at the Preserve. Reclaimed steel and glass have also been used extensively throughout the project.

SUSTAINABLE MATERIALS – Two buildings of the DLC totaling more than 41,000-square-feet make the Preserve the largest commercial straw bale construction project in the U.S. Throughout the project, locally sourced materials, such as the caliche exhumed on site and the rammed earth used to cover concrete stem walls, have been used as primary building elements.

OPERATIONS - Water used on site will be filtered and reused to irrigate plants and flush toilets at the Preserve. Solar panels throughout the site will generate enough solar energy to power an estimated 70% of the Preserve attraction. Evaporative cool towers naturally funnel cool air into the DLC.

WEB SITE: www.springspreserve.org

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