

Build

CARTER-BURGESS

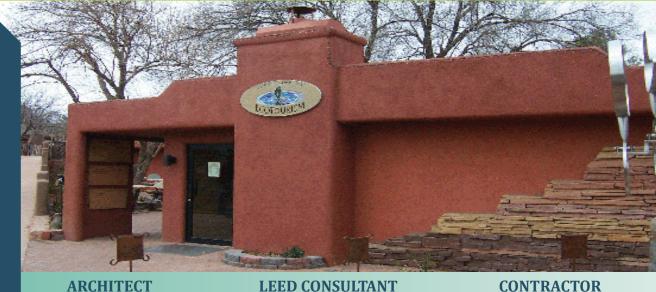
Sedona, AZ

The Institute of EcoTourism (IET) is the first LEED Gold level certified building in the State of Arizona. The mission of the IET is to promote the experience of environmentally conscious tourism, sustainable community development, and place-based environmental education. Located in the beautiful red rocks of Northern Arizona, the project utilizes drought resistant landscaping to reflect the indigenous landscapes native to the region, while reducing water use for irrigation. Mechanical systems have been installed which significantly exceed ASHRAE requirements and daylighting is enhanced in the main gallery building by the presence of three tubular skylights, reducing the need for artificial lighting. Green Power is used exclusively to power the facility where visitors can explore topics of natural history, indigenous cultures and resource conservation with several state-of-the-art interactive exhibits and ongoing video presentations.

SUSTAINABLE STRATEGIES

RESORTS

- More than half of the site area outside of the building footprint has been restored with indigenous plants used to create local ecosystems
- Two-year renewable energy purchase agreement providing 705 kWh per month (8460 kWh/year)
- Use of adhesives, sealants, paints and composite wood products with low or no volatile organic compound (VOC) content
- Permanent temperature and humidity monitoring system operates throughout all seasons to ensure thermal comfort
- A comprehensive education program that includes permanent signage of green building features, educational outreach to the community, and daily green building and design tours



LEED CONSULTANT GREEN IDEAS

CONTRACTOR RYAN COMPANIES

PROJECT RESULTS		LEED Facts	EN BUILDING
LEED	for New Construction GOLD level achieved	LEED for New Construction v2.1 Size: 7,816 SF Certification Date: July 2004	LEED GOLD USGBC
37%	energy cost savings above ASHRAE 90.1-1999 energy standard	POINTS ACHIEVED	39/69
		Sustainable Sites	7/14
25%	reduction in potable water for domestic use	Water Efficiency	1/5
		Energy & Atmosphere	9/17
26%	of total building materials were manufactured from recycled content	Materials & Resources	8/13
		Indoor Environmental Quality	10/15
98%	of construction waste was diverted from the landfill	Innovation in Design	4/5

Think

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