

Nevada Best of 2008

CORE Construction-Nevada Office Building

Private Green Project



CORE Construction's new 12,543-sq-ft office building is situated on a 1.1 acre plot of land. Pursuing LEED gold certification was a priority to CORE, as well as the use

of materials and techniques that emphasized its employees' talents and values.

Windows or skylights are featured in every office and hallway, and photovoltaic panels installed in the parking lot reduce energy use by up to 25% each month. The panels serve double duty as covered parking spots for employees. One third of the overall flooring is composed of recycled glass and wall insulation was created from recycled denim. The building's façade is low-maintenance, with well-detailed steel, concrete, glass and masonry left as-is, rather than being painted over or covered. Over time, the materials will weather naturally. Composed of pervious concrete, the parking lot captures storm water that then seeps into the ground to recharge groundwater and reduce runoff.

Waste discarded in the kitchen is comprised of food products and non-recy-

clable packaging, due to the 125-sq-ft dedicated recycling area housed on site in the break room. All cleaning products used in the building are chemical-free and green, with cleaners working during daytime hours to reduce energy usage.

Submitted by: CORE Construction and Carpenter Sellers Architects

Owner: Fire Mesa Properties LLC

Architect: Carpenter Sellers Architects

Contractor: CORE Construction-Nevada

Engineers: Wright Engineers; Intrepid Engineering

LEED Consultant: Ausonio Inc.

Subcontractors: VT Construction;

WGDL Inc.; Frazier Masonry;

MDI Steel; Pacific Drywall & Paint;

Interstate Plumbing & Air

Conditioning; Arco Electric;

American Solar; Tand Inc.

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Nevada State College Academic & Student Services Building

Masonry



At 42,587 sq ft, the Nevada State College Academic & Student Services Building is the first official building of this new school. Six classrooms, five laboratories and 48 faculty offices compose this facility, which comprise a centralized support zone for students. Built along a 5% natural slope at the foot of a

mountain range, the building was designed in horizontal forms so as not to compete with the surrounding natural beauty.

Masonry block seamlessly reflects the landscape. Weathered copper roofing highlights the quality of the masonry, as well as its striking coloring. An indoor color palette

of charcoal, terra cotta and wine boldly complements the exterior masonry block construction. Concrete floors, slate and carpeting showcase the light-filled, two-story lobby of the building.

Submitted by:

CORE Construction-Nevada

Owner: State of Nevada Public Works Board and Nevada State College

Architect: Carpenter Sellers Architects

Contractor: CORE Construction-Nevada

Masonry Contractor:

Frazier Masonry Corp.

Engineers: Lochsa Engineering;

JBA Consulting Engineers;

Martin & Associates

Landscape Architect: Southwick

Subcontractors: Commercial Roofers;

Glade Wilgar & Sons Glass Co.;

Robco Electric; Tech Steel;

Triton Grading & Paving;

Universal Plumbing & Heating