



**UNIVERSITY OF NEVADA RENO
ATHLETIC ACADEMIC CENTER
RENO, NV**

29% REDUCTION IN WATER USE

54% DROUGHT TOLERANT VEGETATION
USED IN SITE LANDSCAPING

19% OPTIMIZATION IN ENERGY USE

LEED® Facts

**UNIVERSITY OF NEVADA RENO
ATHLETIC ACADEMIC CENTER
Reno, N.V.**

LEED for New Construction
Certification awarded July 27, 2006

Silver 35*

Sustainable Sites 9/14

Water Efficiency 3/5

Energy & Atmosphere 6/17

Materials & Resources 3/13

Indoor Environmental
Quality 13/15

Innovation & Design 1/5

*Out of a possible 69 points

The information provided is based on that stated in the LEED® project certification submittals. USGBC and Chapters do not warrant or represent the accuracy of this information. Each building's actual performance is based on its unique design, construction, operation, and maintenance. Energy efficiency and sustainable results will vary.

UNIVERSITY OF NEVADA RENO MARGUERITE WATTIS PETERSEN ATHLETIC ACADEMIC CENTER

Academic Excellence

The University of Nevada Reno brings high performance design to academia

PROJECT BACKGROUND

Located in the heart of the athletic complex of the University of Nevada Reno, the Marguerite Wattis Peterson Athletic Academic Center was designed to provide student athletes with academic advising and support services for continued academic and personal excellence. The two level building provides 8,000 square feet of study areas, computer center, counseling offices, group meeting rooms and support for the students; the facility complements the design of the existing campus and athletic facilities for our student-athletes.

STRATEGIES AND RESULTS

Designed under the guidance of the Leadership for Energy and Environmental Design for New Construction, the Petersen Athletic Academic Center provides a environmental responsible and energy efficient learning facility for the academic community of the campus. Through the integration of day-lighting strategies, high-performance building systems and building commissioning the Athletic Academic Center achieved a Silver rating from LEED-NC in 2006.

By developing a existing parking lot in lieu of undeveloped land, the facility was able to reduce its environmental impact by restoring indigenous vegetation and landscaping, reduce heat island effect, protect surrounding green fields, and reduce run-off. Constructing the building within the campus grounds provides ease of access to public transportation and encourages sustainable-means of transportation through a walk-able and bicycle friendly environment.

Using permeable pavers and indigenous vegetation, the site provides storm-water management and reduces water consumption. Heat-island effects were reduced through the use of high-albedo materials throughout the site. Selection of site lighting and design minimizes the light pollution created by the Athletic Academic Center and reduces dependence on fossil fuels with energy efficient features.

ABOUT THE UNIVERSITY OF NEVADA RENO

The University of Nevada Reno is committed to the ensuring the continuation of the environment through implementation of various sustainable qualities. UNR is working to provide a sustainable campus by reducing greenhouse gas emissions, reducing surface water runoff, reduction of waste to landfills through composting and recycling programs, renovating existing buildings rather than demolition and new construction, using locally grown and produced products, creating a bicycle-friendly campus and promoting use of public transportation.

“The Marguerite Wattis Petersen Athletic Academic Center is a wonderful facility for the University of Nevada for a number of reasons. Not only does it provide our student-athletes with the resources that are critical to their academic success and our core values as an athletic department, it exemplifies our campus commitment to the environment. It truly is one of the finest facilities in the country and remains an example of how to meld functionality with green building practices.”

Cary Groth
Director of Athletics, University of Nevada



Architect : Worth Group Architects
Project Manager: James S Mickey, AIA
Owner: University of Nevada Reno Athletic Association
Contractor: PENTA Building Group
Commissioning Agent: SEED Inc
Interior Designer: Worth Group Architects
Civil Engineer: Odyssey Engineering
Electrical Engineer: PK Electric
Structural Engineer: Ferrari Shields
Plumbing Engineer: Petty & Associates
Lighting Designer: PK Electric
Landscape Architect: Worth Group Architects
LEED Consultant: SEED Inc
Photographer: Jeff Dow Photography

Project Size: 8,000 SF

ABOUT LEED

The LEED® Green Building Rating System™ is the national benchmark for the design, construction, and operations of high-performance green buildings. Visit the U.S. Green Building Council's website at www.usgbc.org to learn more about LEED and green building.

