



THE MARIPOSA COMMUNITY CENTER RIO RANCO, NM

77% of spaces are day lit

43% of the site is vegetated

Regularly occupied spaces
with exterior views: **95%**

LEED® Facts

The Mariposa Community Center
Rio Rancho, NM

LEED for New Construction
Certification awarded January 27, 2010

Silver 33 pts awarded*

Sustainable Sites	7/14
Water Efficiency	3/5
Energy & Atmosphere	5/17
Materials & Resources	4/13
Indoor Environmental Quality	10/15
Innovation & Design	4/5

**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.

THE MARIPOSA COMMUNITY CENTER

Community Focus Aids in Silver Certification

Attention to Site and Context Aid in Sustainable Community Development

PROJECT BACKGROUND

The new Community Center at Mariposa has delivered on the community’s goals of treading lightly in a delicate ecosystem while promoting a healthy lifestyle that is connected to nature. The U.S. Green Building Council (USGBC) just awarded the building LEED Silver certification in recognition of its sustainable features. This is the second building in the 6,500 acre master planned development by High Desert Investment Corporation to achieve LEED certification.

The Mariposa Community Center is a one-story, 11,000 square foot building, featuring indoor and outdoor pools, a fitness center and a café available to all residents. The architecture of the building is composed of familiar elements from New Mexico’s ancient vernacular, with a modern interpretation. The circular shaped café is reminiscent of kivas and acts to anchor the building to the site. This combination of solid mass and shaded glass ties the building to both New Mexico’s heritage and its sustainable future.

STRATEGIES AND RESULTS

Sustainability strategies begin at the site: parking areas were deliberately minimized to encourage pedestrian travel; open space was set aside and landscaped with native and adaptive plants to promote bio-diversity; and over 95% of the building’s spaces provide views to nature.

Both the building and landscape were designed to conserve water. Low-flow plumbing fixtures will use 35% less water for an estimated annual savings of over 62,000 gallons of water. Low-water use plants and efficient irrigation are expected to save an additional 50,000 gallons per year. The Community Center is expected to use 17% less energy than typical, a difficult feat in a building with multiple swimming pools. In addition, High Desert has committed to purchasing 35% of the building’s electricity from renewable sources to support local wind power and further reduce the building’s carbon footprint. To encourage pedestrian traffic, no additional off-street parking has been provided for this project.

Low emitting materials were used throughout the building to reduce airborne chemicals and encourage occupant health. Extensive, well-controlled daylight and attention to protecting indoor air quality during construction provide additional health benefits. Sustainable materials including Forest Certified wood, pressed paper countertops, natural stone, and recycled rubber flooring are used throughout the Community Center.

ABOUT THE TEAM

Dekker/Perich/Sabatini is an award-winning design firm with expertise in architecture, interiors, planning, structural engineering and landscape architecture. D/P/S is a regional leader in design excellence and sustainability, with a 50-year portfolio of education, healthcare, commercial, civic and mixed use projects. Our collaborative process, where the creative team includes the client, results in the development of functional, comfortable and stimulating designs. Our offices are located in Albuquerque, NM, Las Vegas, NV and Amarillo, TX.

Enterprise Builders Corporation has been in business for over 20 years. Our dedication, diligence and commitment to excellence have been proven time and time again by our impeccable reputation and unmatched quality within the industry and in the community. Enterprise Builders Corporation has developed management systems, procedures and methods to efficiently and professionally run all types of work. We settle for nothing less than a top quality building, completed on time and within budget.

“Constructing our second LEED certified building in Mariposa is a reflection of our strong commitment and leadership in building a sustainable community and providing a healthy environment for our residents.”

Jack Eichorn, Vice President



Architect: Dekker/Perich/Sabatini
Civil Engineer: Bohannon Huston, Inc.
Commissioning Agent: ARSED Engineering Group, LLC.
Contractor: Enterprise Builders Corporation
Landscape Architect: Dekker/Perich/Sabatini
LEED Consultant: Dekker/Perich/Sabatini
MEP Engineer: Bridgers & Paxton
Structural Engineers: Dekker/Perich/Sabatini
Mech. Contractor: Yearout Mech. and Engineering, Inc.
Electrical Contractor: Chaparral Electric Co., Inc.
Owner: High Desert Investment Corporation
Project Size: 11,000 square feet

Photographs Courtesy of: Patrick Coulie, Kirk Gittings

ABOUT CHAPTER

The USGBC - NM Chapter is a local non-profit with a mission: to transform our built environment through education, collaboration and outreach, to promote environmentally responsible practices that are economically and socially beneficial to the community.



www.usgbcnm.org
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