



CITY OF HENDERSON HERITAGE PARK SENIOR FACILITY Henderson, NV

44% reduction in energy use

47% lower energy cost compared to LEED 2.2 and ASHRAE 90.1-2004

40% water savings over EPA-1992

LEED® Facts

City of Henderson
Heritage Park Senior Facility
Henderson, NV

LEED for New Construction
Certification awarded October 13, 2011

Gold 43*

Sustainable Sites 6/14

Water Efficiency 3/5

Energy & Atmosphere 11/17

Materials & Resources 7/13

Indoor Environmental Quality 11/15

Innovation & Design 5/5

*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.

City of Henderson Heritage Park Senior Facility

Continuing Community Support

City of Henderson provides beautiful design, education and wellness to its aging population

"Our Heritage Park Senior Facility is not like any "senior" facility that the aging community has ever experienced. It is an exciting place where our age 50+ residents can socialize, eat, exercise, learn, play or to just simply energize the mind and body. The various green elements make this building uniquely interesting while breaking the boundaries of what is traditionally considered as indoors vs outdoors. The popularity of this place has made it a must-see -- and experience -- senior recreation center."

Mark Hobaica, AIA
City Architect, City of Henderson

PROJECT BACKGROUND

Heritage Park is a 160-acre master-planned park in Henderson. The Senior Facility and Aquatic Complex are part of Phase I, completed in January 2010. Due to the increasing senior population and demand for more programs and services, the existing building could not accommodate the needs of clients. A new facility was constructed at Heritage Park to meet those needs.

Heritage Park offers a wide variety of programming, ranging from art and cooking classes to exercise and dance programs, in addition to social and wellness services designed to meet the needs of Henderson's active 50+ population.

The 29,667 square foot facility features a commercial kitchen with dining room, social café, conference room, craft rooms with a commercial kiln, dance room, demonstration kitchen, fitness center, media room, wellness center and game room.

DESIGN STRATEGIES

As the City of Henderson planned the new Heritage Park Complex, various sustainable design strategies were implemented, a few of these strategies are:

- Site orientation on a north-south axis to optimize solar heat reduction.
- Deep roof overhangs to maximize shade during peak solar hours.
- Pervious concrete pavers to reduce run-off and promote on-site infiltration.
- Installation of low VOC flooring, paint, adhesives and sealants
- Use of regional materials
- Drought-tolerant landscaping
- Energy-star appliances and high - efficiency or sensed plumbing fixtures installed

ABOUT THE CITY OF HENDERSON

Officially incorporated in 1953 and chartered in 1965, the city of Henderson has developed into a community with premier services, amenities, and opportunities.

As the largest full-service city in the state of Nevada, Henderson is nationally recognized for accredited departments – Building & Fire Safety, Fire, Police, and Parks and Recreation– and award winning services including the Development Services Center. In addition, the city has continued to be fiscal stewards by maintaining one of the lowest tax rates and becoming the first to achieve the highest bond rating of any other Nevada municipality. Visit one of our many city departments to discover why Henderson is known as a place to call home.



Architect: Carpenter Sellers DelGatto Architects
Owner: City of Henderson
Contractor: Rafael Construction
Structural Engineers: Wright Engineers
Civil Engineer: Advantage Civil Design Group
MEP Engineer: Harris Consulting Engineers
Commissioning Agent: Dynamic Commissioning Solutions, Inc "DCSI"
Landscape Architect: JW Zunino & Associates
LEED Consultant: The Weidt Group
Photographer: mphoto 7

Project Size: 29,667 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.



www.usgbcnv.org
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