



# UNM DOMENICI CENTER FOR HEALTH SCIENCES EDUCATION, PHASE 2 ALBUQUERQUE, NM

**24%** in energy savings

**42%** in water savings

During construction of this project **84%** of construction waste was recycled.

## LEED® Facts

Domenici Center, Phase 2  
Albuquerque, NM

LEED for New Construction v2.2  
Certification awarded February 1, 2011

**Gold 40 pts awarded\***

Sustainable Sites	8/14
Water Efficiency	3/5
Energy & Atmosphere	7/17
Materials & Resources	6/13
Indoor Environmental Quality	12/15
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.



UNIVERSITY OF NEW MEXICO DOMENICI CENTER FOR HEALTH SCIENCES EDUCATION, PHASE 2

# UNM Achieves LEED Gold on Complex Lab Building

## First LEED Certified Facility on UNM North Campus

### PROJECT BACKGROUND

Located at an important hub on the University of New Mexico's (UNM) north campus, the Domenici Center's goal is to bring together students and faculty to a place of interaction, collaboration and discovery. The building is the second phase of the Health Sciences Center and houses two main components. The Clinical Performance Center (CPC) is a suite of spaces designed to resemble actual treatment facilities, where students learn to diagnose and treat illnesses with simulated patients and interactive mannequin simulations. The Human Anatomy Lab (HAL), managed primarily by the School of Medicine, provides lab experience to medical students, the Physician Assistant program, Physical Therapy and Occupational Therapy and the PhD in Biomedical Sciences.

### STRATEGIES AND RESULTS

Design focused on sustainable features that are compatible with both the technical requirements of a flexible laboratory facility, and the materials and systems of the first phase of the Domenici Center, which did not pursue LEED certification. Phase 2 was designed to use 24% less energy, through an efficient building envelope, integrated louvered sunshades, lighting controlled by occupancy sensors, and central air handling systems equipped with variable frequency drive fan controls.

The building's 42% reduction in indoor water use was achieved by specifying low flow fixtures such as pint urinals. Exterior water use is minimized through a low water use landscape based on native plants and drip irrigation. The design accentuates view corridors down each hallway, to provide natural light in circulation spaces and help building occupants orient themselves. Low-emitting finishes, CO2 sensors, and increased outside air ventilation enhance occupant comfort and well being.

The site is located close to campus bus lines and provides bike storage, shower facilities, and parking for low emitting/fuel efficient vehicles. Over 80% of the construction waste material was recycled rather than disposed of in a landfill, and almost 25% of the materials used to construct the building are made of recycled material.

As a LEED Gold facility that successfully enables collaboration across 3 separate colleges, and incorporates innovative strategies such as movable dissection tables with downdraft exhaust pedestals and subdividable laboratories, the Domenici Center sets a strong precedent for flexible, sustainable design at UNM.

### ABOUT THE TEAM

The building is owned by the University of New Mexico and occupied by the School of Medicine, the College of Nursing, and the College of Pharmacy.

With offices located in New Mexico, Nevada and Texas, Dekker/Perich/Sabatini provides architecture, interior design, landscape, planning and engineering services to public and private clients.

"I am impressed that this building was able to achieve LEED Gold, daylit spaces, and energy and water savings, despite the complexity of all the simulation labs, anatomy teaching lab, and other teaching spaces"

Rick Henrard,  
Office of Capital Projects, UNM



**Architect:** Dekker/Perich/Sabatini  
**Civil Engineer:** High Mesa Consulting Group  
**Commissioning Agent:** EMC Engineers, Inc.  
**Contractor:** Jaynes Corporation  
**Landscape Architect:** Dekker/Perich/Sabatini  
**Interior Designer:** Dekker/Perich/Sabatini  
**LEED Consultant:** Dekker/Perich/Sabatini  
**MEP Engineer:** Bridgers and Paxton  
**Structural Engineer:** Dekker/Perich/Sabatini  
**Owner:** University of New Mexico  
**Project Size:** 53,500 square feet

Photographs Courtesy of: Travis Lewis

### 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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