



**LOWE'S OF S.W. AUSTIN
AUSTIN, TEXAS**

47% water savings

49% energy savings

75% day lighting throughout sales floor area



LEED® Facts

Lowe's of S.W. Austin
Austin, TX

LEED for NC 2.1
Certification awarded March 06, 2006

Gold 43*

Sustainable Sites	9/14
Water Efficiency	4/5
Energy & Atmosphere	12/17
Materials & Resources	7/13
Indoor Environmental Quality	6/15
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.

LOWE'S OF S.W. AUSTIN

First large format store in nation to achieve LEED Gold

Information from this projected used for future Lowe's buildings nationwide

PROJECT BACKGROUND

This building was the first large format store in the nation to achieve a Gold rating under LEED-NC through the U.S Green Building Council. Currently, it is also the highest rated store within Lowe's organization. Mdn evaluated the building and made modifications toward a sustainable design that met the owner's requirement. The intent was that Lowe's would be able to replicate the success of this building in other parts of the country as a site adapt.

MAJOR PROJECT HIGHLIGHTS

Through innovative design, the project achieved 49% energy savings. It was also able to collect 81,000 gallons of rain water and condensate for use in watering its green house. A water savings of 47% was achieved through careful selection of plumbing fixtures, and the building also provides 75% day lighting throughout the sales floor area.

STRATEGIES AND RESULTS

This project was special in that the implications of new information yielding from this case study would be incorporated into future projects. Therefore, the strategy was to analyze the building as it would normally be built and modify material fixtures and systems to meet our green criteria. This proved quite effective as each item was analyzed for its value and contribution to the project.

"This was a learning experience, as each decision that was made had to be quantified in our LEED process. For most of us this was our first LEED project and we were amazed at being able to achieve a Gold rating."

Cesar Garcia, Director of Sustainable Design, Mdn Architects



Owner: Lowe's Home Centers, Inc.
 Architect: Mdn Architects
 Civil Engineer: Duplantis Design Group
 Commissioning Agent: Lowe's Home Centers, Inc.
 Landscape Architect: Duplantis Design Group
 LEED Consultant: Liana Kallivoka, PhD, PE
 Lighting Designer: Page Interworks
 Mechanical Engineer: Page Interworks
 MEP Engineer: Page Interworks
 Plumbing Engineer: Page Interworks
 Structural Engineer: Accutech Consulting
 Project Size: 135,804 square feet

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 to learn more.



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