GEORGE WASHINGTON CARVER LIBRARY AUSTIN, TEXAS

Use of **recycled** content and local/regional material in construction

Expansion of an existing **historic** building

Daylighting and low-VOC emitting materials were used to achieve indoor environmental quality credits

LEED® Facts

Carver Library
Austin, TX

LEED for New Construction
Certification awarded June 15, 2006

Certified	30*
Sustainable Sites	9/14
Water Efficiency	2/5
Energy & Atmosphere	2/17
Materials & Resources	7/13
Indoor Environmental Quality	7/15
Innovation & Design	3/5

*Out of a possible 69 points

GEORGE WASHINGTON CARVER LIBRARY

MODERN DESIGN PAYS TRIBUTE TO PROGRESSIVE HISTORY

A greener gathering place for community interaction and learning

PROJECT BACKGROUND

The George Washington Carver library was an expansion of the existing branch library located next to the historic Carver Museum. After an addition of 9,000 sq. ft., this facility became a large 15,000 sq. ft. branch library. The library consists of several meeting rooms which makes it a place of gathering for the community. The Carver Museum and Library projects were developed along side one another on a site that shares parking and plaza spaces.

STRATEGIES AND RESULTS

There were two challenges to achieve LEED certification for this project:

1. When the project was funded through a Bond Election, LEED certification was not a part of the scope.
2. Reading rooms require special humidity controls and it was difficult to achieve this without a higher energy usage, especially in a humid climate such as Austin.

Despite the challenges, a decision was made by the project team to pursue LEED certification. Use of energy modeling was quite rare 8 years ago when the project was designed. Due to the expense of modeling, Energy and Atmosphere credits could not be acquired, though the building was designed to achieve those credits. The project achieved credits in all other LEED categories by use of recycled content and local materials, construction waste management, low emitting materials, thermal comfort, daylight and views and innovation credits.

ABOUT CARVER LIBRARY

In 1933 when a 26,000 sq. ft. Italian Renaissance style building replaced an original 1,800 sq. ft. wooden frame building as the new Central Library for Austin, the wooden frame building was moved to 1165 Angelina Street. The displaced building was resurfaced with brick, renamed the George Washington Carver Library and became the first branch library in Austin dedicated to serving a primarily African American population.

In 1979, a new Carver Library was constructed on the same block and the Carver Musuem was created and took over the original building. This expansion represented the community's vision for a museum and cultural center that would promote African American achievement in Austin.

Today the Carver Branch continues to be an integral part of the community and is considered an East Austin institution. The Carver Library has been listed in the National Register of Historic Places since March 30, 2005.

Architect: Carter Design Associates
Owner: City of Austin
Civil Engineer: Raymond Chan & Associates
Comissioning Agent: KWR Engineering
Contractor: Cadence McShane Construction
Electrical Engineer: Tom Green & Co. Engineers Interior
Designer: Laurie Smith Design Associates
Landscape Architect:
Eleanor McKinney, Landscape Architect, Inc.
LEED Consultant: Earthly Ideas LLC
Lighting Designer: Archilume Design
Mechanical Engineer: Tom Green & Co. Engineers
MEP Engineer: Tom Green & Co. Engineers
Structural Engineer: Jaster Quintanilla
Photography: Atelier Wong

Project Size: 30,678 sq ft

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.

www.usgbc-centraltexas.org
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