LEED SPOTLIGHT

USGBC WEST MICHIGAN

Aquinas College – Grace Hauenstein Library
1700 Fulton St E Grand Rapids, MI
PROJECT PROFILE

LEED NC 2.1
LEED SILVER
September, 2008

Aquinas College is located on the eastern edge of Grand Rapids and houses several LEED (Leadership in Energy and Environmental Design) certified buildings. Certification is given by the U.S. Green Building Council (USGBC) to recognize the world's greenest, energy-efficient, and high performing buildings.

Aquinas College's Grace Hauenstein Library was the first LEED certified building on campus. It offers a wide range of environments from quiet to collaborative and is home to many learning resources and services.

The library contains many sustainable features aligning with Aquinas College's goal of creating a sustainable place to live, learn, and work.

- Natural lighting and motion sensors reduce the use of artificial lighting and operating costs.
- Low-flow faucets and toilets in the Grace Hauenstein Library require less water than a standard facility of similar size.
- All adhesives, sealants, paints, carpet, padding, and particleboard used in the library are low VOC, compounds suspected to cause cancer in animals and humans.
- Storm water runoff from the building and surrounding area is diverted to an adjacent pond where it is used to irrigate nearby landscaping.
- Kalamazoo College donated stack shelving and end panels for the library, which decreased furnishing cost by 30% and eliminated waste.

The project was awarded LEED Silver for New Construction certification in September 2008.

LEED Facts

Grace Hauenstein Library

Location……..Grand Rapids, MI
Rating System……..LEED-NC 2.1
Certification Achieved……Silver
Points Achieved……..…....35/69

Sustainable Sites……..……...…7/14
Water Efficiency…….…….. 4/5
Energy and Atmosphere……..……...2/17
Materials and Resources……..…....11/13
Indoor Environmental Quality……..…..9/15
Innovation and Design……...2/5

PROJECT METRICS

75%	Existing building structure and envelope reuse
50%	reduction in potable landscape water use
20%	reduction in indoor potable water use
50%	diversion of construction and demolition debris
5%	recycled content building materials