

Aquinas College – Sturrus Sports & Fitness Center
 1700 Fulton St E Grand Rapids, MI
PROJECT PROFILE

LEED NC 2.2
LEED CERTIFIED
 May 2012

[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.

The original 1960’s Aquinas College Fieldhouse was outdated. It now features upgraded competition areas in the arena, facilities for a new fitness center, and much-needed classroom space for Aquinas College’s Athletic Training program. The renovation nearly doubled the usable square footage, all within the building’s existing footprint.



In 2010, Aquinas College's Fieldhouse was completely renovated to become the Sturrus Sports & Fitness Center. The renovation was done through Rockford Construction and the building achieved basic LEED certification (LEED NC 2.2).

The building systems were designed to not only meet but exceed the energy savings of comparable buildings by 46 percent. The cooling and refrigeration systems were designed to support early compliance with the Montreal Protocol while minimizing the direct contribution the building has on global warming. In addition, more than 95 percent of the unused materials needed for this building were diverted from the landfill and rerouted to be turned into new products.

The project was awarded LEED for New Construction certification in May 2012.

LEED Facts

Sturrus Sports & Fitness Center

Location.....Grand Rapids, MI
 Rating System.....LEED-NC 2.2
 Certification Achieved.....Certified
 Points Achieved.....27/69

Sustainable Sites.....4/14
 Water Efficiency.....3/5
 Energy and Atmosphere.....3/17
 Materials and Resources.....8/13
 Indoor Environmental Quality.....5/15
 Innovation and Design.....4/5

PROJECT METRICS

- 10.5%** improvement on baseline building performance rating
- 50%** reduction in potable landscape water use
- 20%** reduction in baseline indoor water use
- 50%** FSC-certified wood products
- 75%** existing building structure and envelope reuse