

Aquinas College - Alksnis Athletics & Recreation Building  
 1700 Fulton St E Grand Rapids, MI  
 PROJECT PROFILE

LEED NC 2009  
 LEED SILVER  
 April 2015

[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 70,000-square-foot athletic space was designed and constructed in collaboration by Integrated Architecture and Rockford Construction. Construction began in November 2013 and was completed in October 2014.

The new building was built on a sustainable site.



To decrease potable water use, irrigation was not installed and a drought tolerant plant mixture was selected. All of the storm water runoff from the parking lot is treated to remove total suspended solids (TSS) before being discharged into the adjacent stream. This necessary step helps avoid the deposition of nonpoint source pollution into waterways.

The building's heating system consists of two Absolute Aire E-series direct fired air turnover units utilizing natural gas as the heating source. The E-series units are for reduced environmental impact, increased operating economy, optimized indoor air quality and space comfort.

Aligned with Aquinas College's Zero Waste effort, waste stations consisting of recycling, composting and trash are located in common areas of the building with appropriate signage. Also aligned with the Zero Waste effort, construction of the building diverted 75 percent of the on-site generated construction waste from landfill.

## LEED Facts

### Alksnis Athletics & Recreation

Location.....Grand Rapids, MI  
 Rating System.....LEED-NC 2009  
 Certification Achieved.....Silver  
 Points Achieved.....53/110

Sustainable Sites.....13/26  
 Water Efficiency..... 8/10  
 Energy and Atmosphere.....15/35  
 Materials and Resources.....6/14  
 Indoor Environmental Quality..... 7/15  
 Innovation and Design.....4/6

## PROJECT METRICS

- 40%** improvement on baseline building performance rating
- 100%** reduction in potable landscape water use
- 40%** reduction in baseline indoor water use
- 75%** diversion of construction and demolition debris
- 20%** recycled content building materials
- 10%** Regionally extracted, harvested, recovered, or manufactured materials