

LEED SPOTLIGHT



USGBC WEST MICHIGAN

VAN ANDEL INSTITUTE PHASE II
333 BOSTWICK AVE NE, GRAND RAPIDS
PROJECT PROFILE

LEED NC v2009
PLATINUM
CERTIFICATION DATE: 4/7/2011

Grand Rapids' Medical Mile is home to LEED Platinum Certified [Van Andel Institute](#) (VAI). VAI was completed in [two phases](#), with Phase II designed and engineered to LEED standards.

The \$178 million-dollar expansion (Phase II) designed in 2005 by world-renowned Rafael Viñoly was intended to pursue LEED certification.

The team at VAI was surprised to learn from local architects at Fishbeck, Thompson, Carr & Huber that the expansion was not only constructed to LEED building standards, but to the highest level of LEED certification – Platinum.



Sustainable construction practices included: recycling more than 75% of construction waste, the utilization of building materials with a high recycled content and utilization of locally manufactured materials to reduce transportation and greenhouse emissions.

Sustainable design features include: a green roof, storm water collection tank, photovoltaic solar panels, water efficient fixtures which reduce water consumption by 30%, heat recovery and energy savings through right sizing of equipment, and an automated building control system used to reduce energy consumption.

LEED Facts

Van Andel Institute Phase II

Location.....Grand Rapids, MI
 Rating System.....LEED-NC v2009
 Certification Achieved.....Platinum
 Points Achieved.....52/69

Sustainable Sites.....14/14
 Water Efficiency.....4/5
 Energy and Atmosphere.....8/17
 Materials and Resources.....7/13
 Indoor Environmental Quality.....14/15
 Innovation and Design.....5/5

PROJECT METRICS

- 20%** reduction in baseline indoor water use
- 50%** reduction in potable landscape water use
- 35%** green power purchase
- 75%** occupied space has daylighting
- 50%** FSC-certified wood products
- 10.5%** improvement on baseline building performance rating