

## Glenn E. Schembechler Hall Entrance and Museum Renovation



### Project Description

This project will create an appropriate new entrance for the home of Michigan football integrating the museum area. The project will add approximately 7,000 gross square feet to Schembechler Hall and renovate approximately 7,000 gross square feet.

### Energy Efficiency Measures

- Envelope inspections.
- Clerestory glazing.
- 18% more efficient thermal barrier than prescribed by ASHRAE 90.1-2007.
- Optimized occupancy schedules, HVAC system zoning, and part load HVAC system efficiency.
- Improved ventilation efficiencies.
- Low air return.
- Demand Control Ventilation.
- Bi-Polar Ionization which dramatically improves indoor air quality while significantly reducing the requirement for Outside Air thus reducing the energy associated with mechanically conditioning that air.
- Very limited use of incandescent lighting and utilization of LED site lighting.

### Other Sustainability Features

- Adaptive reuse of existing space.
- Passive solar glazing strategies.
- Tall interior spaces coupled with clerestory glazing to optimize daylight harvesting.
- Only low-VOC materials used on interior spaces.
- 20% recycled and regional materials.
- 75% diversion rate for construction waste.
- Indoor Air Quality plan for all construction activities.

### Project Data

- Budget: \$9 M
- Schedule: Completion Scheduled for Winter 2014
- Square Feet: 7,000 gross sq. ft. renovation  
7,000 gross sq. ft. addition

### Status as of October 2013

- Project Status: Construction
- Design Complete: 100%
- Construction Complete: 50%