

## Schembechler Glenn E Hall Football Performance Center



### Project Description

The Department of Intercollegiate Athletics proposes a project to create a performance center at Glenn E. Schembechler Hall for the intercollegiate football program. A renovation of approximately 24,000 gross square feet and construction of additions totaling approximately 8,000 gross square feet (see attached map) is planned that will create state-of-the-art spaces for training, recovery, and nutrition; as well as team meeting rooms, administrative space, and support staff locker areas.

### Energy Efficiency Measures

- The building's design and systems will include a number of energy efficient features that will allow for an estimated 3% energy savings compared with an energy code compliant building as defined in ASHRAE 90.1-2007 Appendix G
- High performance glazing and increased insulation values in exterior wall assemblies for improved thermal performance
- Variable speed compressors allow for peak efficiency in low load conditions and avoid short cycling of equipment
- LED lighting
- Occupancy sensors turn off lights when spaces are unoccupied
- Pool water heating through use of building heating hot water
- Pool water heat recovery through use of heat pump chiller

### Other Sustainability Features

- Built on a previously developed site to reduce impact on environment
- Impervious surface area reduction to reduce storm water runoff
- Project site located near public and U-M bus routes to encourage use of public transit
- A 31.8% water consumption savings beyond Michigan Plumbing Code is anticipated ; savings obtained through the use of low flow bathroom fixtures
- Bottle refill station provided on electric water cooler(s) to promote use of reusable water bottles
- Construction and demolition waste to be diverted from landfills when possible
- Use of low-VOC flooring, adhesives and sealants
- Materials and products used to be extracted and manufactured within 500 miles of the project site when possible
- Materials used to contain recycled content when possible