

Haas Park Fieldhouse

2402 N. Washtenaw Avenue



Building Features

- 10,244 Square Feet
- Single-story
- Steel Frame and Masonry Construction
- Fully Commissioned Building Automation System
- Fully Accessible to People With Disabilities
- Gymnasium
 - Basketball and Volleyball Striping
- Fitness Room
- Club Rooms
- Administrative Support Offices
- Rainwater Harvesting System
- Geothermal Ground Source Heat Exchange System
- Durable Materials
- Natural Ventilation System with Central Air Conditioning when needed

Exterior Amenities

- Outdoor Seating Areas
- Parking Lot for Low-Emitting Vehicles, People with Disabilities and Employees
- Landscaped Areas

Project Development Information

- Architect of Record: Johnson & Lee, Ltd.
- General Contractor: F.H. Paschen & S.N. Nielsen
- Original Contract Value: \$4,452,000.00

Economic Sustainability Program

- Bid incentives for the employment of Women and Minorities
- Bid incentives for the employment of Apprentices
- City Residency Labor Requirement
- Community Hiring Requirement
- Local Business Requirement
- M/WBE Business Participation: 28% Minimum



HAAS PARK FIELDHOUSE

ENVIRONMENTALLY FRIENDLY OR “GREEN” ELEMENTS



The new Haas Park Fieldhouse was designed to achieve a Silver rating under the U.S. Green Building Council's LEED (Leadership in Energy and Environmental Design) Rating System.

Green buildings are designed, constructed and maintained in an environmentally sustainable way. Some of the green elements that are part of this building are outlined below.

Sustainable Sites

These features take into account the location and placement of the building, and its impact on and relationship with the environment around it.

- The building is being constructed within ½ mile of a residential area with over 10 basic services (neighborhood amenities).
- The fieldhouse is well served by public transportation, as it is located within ¼ mile of 2 bus lines.
- Alternative transportation is encouraged through the addition of bike racks and preferred parking for low-emitting and fuel-efficient vehicles.
- The roof and paving will have a high degree of reflectivity, which contributes less to the urban heat island effect on and around the building. Lower summer temperatures on and around the building translate into less energy required to cool it.
- 25% of the roof surface will be vegetated.
- 95% of stormwater falling on this site will be treated through filtration basins, vegetated swales, pervious pavers and native landscaping. The site was designed to allow much of the stormwater to return to the water table.

Water Efficiency

Efforts were made to conserve water in and around the building.

- Landscape plantings include adaptive and native species, which require less water. Irrigation is provided only for plant establishment.
- The fieldhouse building water usage will be reduced by close to 30%.

Energy & Atmosphere

Green buildings reduce the amount of energy used by the building, and may make use of renewable energy.

- Energy-using systems are expected to perform over 21% better than facilities of similar size, with energy saving features in the mechanical and electrical systems and building envelope.
- Efficient lighting systems utilize available daylight.
- Enhanced commissioning will ensure the energy-using systems are installed and perform as designed, and that the operations and maintenance staff are well trained.

Materials & Resources

Materials selection is mindful of recycled content, and regional manufacturing, to reduce use of energy to bring the materials to the site and to reduce raw material consumption.

- This fieldhouse will be constructed with at least 20% recycled materials.
- Over 20% of the materials used for this building will be manufactured within 500 miles of the project site.
- More than 50% of the wood used in this building came from sustainably managed forests certified by the Forest Stewardship Council (FSC).

Indoor Environmental Quality

Green buildings are designed to ensure good indoor air quality for workers during construction and for the end users of the completed building. Environmental quality in terms of access to daylight and views are also considered.

- This building will provide excellent indoor environmental quality for its users and staff.
- Care will be taken to ensure contaminants are kept out of the building during construction, with an air quality plan, and through the selection of materials that emit less fumes.
- Ongoing air quality will be maintained through the use of green cleaning products.
- The building was designed to provide daylight to more than 75% of the regularly occupied spaces.