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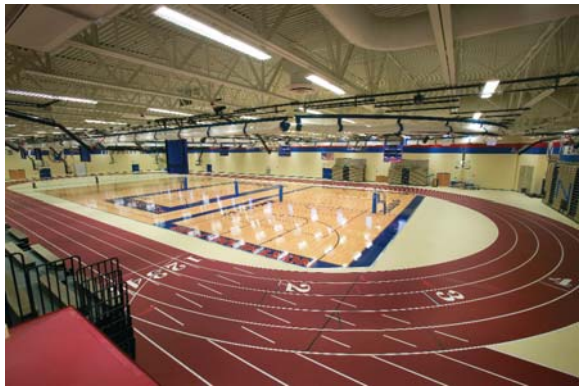
Northland Pines High School is the first LEED® gold certified and highest rated public high school in the United States. In aiming to meet the school district's wish for a healthful, high-performance school, Hoffman was able to bring the project in 25% below the regional average square-foot cost of $154 for high schools built in 2006.

Northland Pines High School

Eagle River, Wisconsin

Components include high performance lighting with low lighting power density, extensive daylighting with photosensor control, and an efficient HVAC system. Other sustainable design features include low VOC paints, adhesives and carpeting; the use of materials with recycled content; plumbing fixtures that conserve water; and a PV (photovolaic) renewable energy system. The PV system and the schools efficiency features are part of the school districts energy curriculum. The sustainable features will have a positive economic impact on the School District by reducing energy, water, and other operational and maintenance costs over the life of the building.

Other special features include general and specialized classrooms, band and choir rooms, media and technology center, a 750-seat auditorium, a 200-meter regulation indoor track and four full-sized basketball courts. A highlight is the new fieldhouse with seating capacity for 2,600 people, one of the largest in the state. These facilities serve the School District and wider community on a year-round basis.



A particular challenge was constructing the new facility immediately adjacent to the original school during the school year. The district wanted its healthy, high-performance school on the same site as the former high school.

Recognition

Leadership in Energy and Environmental Design (LEED®) Gold certified | New Construction

SE2 - Sustainability Energy Efficiency / WGBA | "2007 Award of Merit"

WCREW - Wisconsin Commercial Real Estate for Women | "2007 Leading Edge Award"

Scope/Area
600 students
250,000 sq. ft.

Completed
August 2006

tpm® TOTAL PROJECT MANAGEMENT
Vision taken to the power of green

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