

Superior Dome

Identification

EBN	258747
Name	Superior Dome
Construction Type	stadium
Complex Type	university
Complex Name	Northern Michigan University
Current Status	existing [completed]

Location

Continent Name	North America	City Name	Marquette
Country Name	U.S.A.	Postcode	49855
State Name	Michigan	Address (as text)	1401 Presque Isle Avenue

Metro Area Name Marquette Metro Area

Description

Architectural style	modernism	Main Usage	american football
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Spatial dimensions

Height (structural)	143 ft	Width	536.01 ft
Height (tip)	163 ft	Gross Floor Area (GFA)	Buy full PDF
Length	536.01 ft		

Years and costs

Year (construction start)	1989	Year (last renovation)	1995
Year (construction end)	1991	Building costs	\$ 23,900,000

Features & Amenities

- One of the city's famous buildings

Facts

- The Superior Dome is the largest wooden dome in the world.
- The dome stands 14 stories in height, and contains 5.1 acres under the roof.
- The dome has a permanent seating capacity of 8,000, but can hold as many as 16,000 people for special events.
- Underneath the turf, which is over an air cushion and 12 computerized winches, lies three basketball/volleyball courts, two tennis courts, and a 200-meter track.
- The dome can withstand 60 pounds of snow per square foot, and withstand 80 mile per hour winds.
- The dome contains the largest retractable artificial turf carpet in the world and can accommodate football, soccer, and field hockey.
- The dome is constructed with 781 Douglas Fir beams, and 108.5 miles of Douglas Fir decking.

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- The dome has been constructed in phases; the actual dome structure was completed between 1989 and 1991, and the interior was fully finished between 1994 and 1995, with the last interior renovations taking place in 2000 and 2002 to add mezzanine levels.
- The dome is not only used for Northern Michigan University football, but for high school football games, trade shows, conventions, banquets, conferences, high school track meets, Special Olympics, among many other special uses.

Involved companies

Architect.....

TMP Architecture

1191 West Square Lake Road
48302 Bloomfield Hills
U.S.A.

Phone +1 248 338 4561
Fax +1 248 338 0223
Email info@tmp-architecture.com

Additional company data available for this building

General Contractor

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Renovations

Renovation 1995

Companies involved in this renovation

General Contractor

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Structural Engineering

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