

Sailing Center

Green Building Profile

Green Building Highlights

The LEED rating system used for this building (New Construction v2009) is based on a 110-point scale. For Gold certification, a minimum of 60 points is required. The Sailing Center was awarded 60 points. Notable features include the following.

- **Sustainable sites:** The building is located near community services such as libraries and banks. It provides bicycle storage, and is in close proximity to several forms of public transportation.
- **Water efficiency:** Efficient plumbing and faucet

Green Building Features

Sustainable Sites

17 out of 26 possible points

The Sailing Center was developed to make use of existing infrastructure, which gives it sustainable sites credits for not requiring new site development. The building accommodates commuters, giving them access to public bus lines as well as Northwestern Shuttle stops, bicycle storage facilities, changing rooms, and showers. Additionally, building users are within a half of a mile of at least ten basic community services. Steps were also taken during the construction of the sailing center to uphold the University's dedication to the environment. The structure maximizes the amount of open space its occupants can access, with over 56 percent of the total site area being open space and about 51 percent of the dedicated open space being vegetated. All of the materials used to construct the hardscape surfaces of the building as well as the roof reflect solar radiation and mitigate the urban heat island effect.

Water Efficiency

8 out of 10 possible points

Potable water usage in the Sailing Center has been reduced by 42 percent due to improved plumbing fixtures and faucet water flow rates. The landscaping has also been designed to minimize water use and does not require permanent irrigation systems.

Energy and Atmosphere

17 out of 35 possible points

The building design optimizes energy performance, resulting in energy cost savings are over 37 compared to ASHRAE standards. Energy efficient features include reduced interior

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