

## Discovery World at Pier Wisconsin

### PROJECT OBJECTIVE

A new museum and commercial office building were constructed for Pier Wisconsin.



### PROJECT OVERVIEW

The HVAC systems for this building included a heating plant with high efficiency hot water boilers, a heat pump system for space heating and cooling, and miscellaneous air handling units and terminal heating/cooling equipment. Heat for the heat pump system and equipment was provided by the heating plant. The cooling was provided by utilizing a lake water system in lieu of a condenser water system.

### RESULTS

- Custom intake and backwash components were constructed for the lake water system.
- A lake water system, using water from Lake Michigan, was designed to replace a traditional condenser water system.
- Mared's multiple skilled trades and disciplines were utilized to complete this project, including engineering services.



Mared Completed Discover World in the Summer of 2006. The project value was \$2,500,000