

Fincantieri Marinette Marine Ship Lift

Marinette, Wisconsin

Project Description

This project includes four improvements to the Fincantieri ship yard, of which our role centered on the improvements to the ship lift, which was designed to accommodate ships up to 500 ft long and weighing nearly 10,000 tons – the largest of its kind in the country.

Owner

Fincantieri

Contractor

Lunda

Designer

Foth

Our Role

MBJ performed a redesign of the soffit system used to cast the 3'-4' thick concrete dock for the Ship Lift portion of the project. Prior to our involvement the dock was intended to be built on a steel soffit, which required tight tolerances for piles and significant amounts of field welding. Our redesign replaced the steel with precast concrete panels, which saved the contractor an estimated \$3M in material costs alone while improving constructability and increasing the tolerance on the piles.

Total Contract Value

\$300 Million

Timeline

Completed 2023

Construction Method and Specifications

Precast panels with CIP stitches

