CONSTRUCTION MANAGEMENT & GENERAL CONTRACTING

FARRAR & ASSOCIATES INC

THE STRONG FOUNDATION TO BUILD YOUR PROJECT ON SOLID GROUND

International Yacht Restoration School

Schooner Coronet's Temporary Building, Newport RI

To allow year-round work on the 133 foot historic yacht Coronet, this temporary shelter must withstand the full range of New England weather conditions over the course of a multi-year restoration.

The immediate challenge was the site. Spring Wharf was built over a hundred and fifty years ago – on fill. Erecting this 200 foot long, 60 foot high structure required a unique helical foundation system with sufficient strength to anchor the building in high winds. Secondly, the building had to be constructed around the 120 year old yacht. Extreme care in handling and positioning materials – especially the steel girders – was paramount.

Being open to the public requires additional safety features. Interior catwalks extend from the structural steel frame to provide viewing platforms, allowing visitors to safely observe the shipwrights at work.

Sheathing on the upper level is clear to maximize natural light, the lower panels are shaded to control glare and temperature.

Construction started in January 2005. Three weeks into the schedule two feet of snow and 20 inches of frost made digging the footings impossible. Persistent frigid temperatures halted foundation work for another three weeks in February.

Despite setbacks, the project was completed on schedule in May, 2005.

The restoration of Coronet, recognized as America's most historic yacht, is an official project of Save America's Treasures, a White House Millenium Council Initiative. Farrar & Associates is honored to have been chosen to contribute to this important preservation effort.

Photographs: Joe Ruggeri / www.joeruggeri.com

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