

Boston Museum of Fine Arts World Cup Yacht Display

CERTIFIED INSTALLER:

**Solid Earth
Technologies**

ENGINEER:

**Rodger Martin
Yacht Design
of
Newport, RI**

LOCATION:

Boston, MA

OWNED BY:

William Koch



CHANCE™ Helical Solution:

- A total of 14 piles were installed, including SS175 and RS material
- Installed to depths of 15-20ft to engage a layer of stiffer clay
- Piles were also used to anchor the concrete footings below each boats' keel and carbon support masts.



Project Description:

The Museum of Fine Arts in Boston, Massachusetts, in conjunction with Rodger Martin Designs of Newport, RI, needed to support two 100-foot World Cup Yachts for an upcoming museum exhibit. The foundation support system had to be as minimal as possible as not to visually detract from the boats. It also had to sustain winds/live loads up to 110 MPH (96 knots) to meet building codes. Chance™ Helical Piers were chosen as the best solution over other deep foundation methods for both the tension wire anchors and the actual foundations of the yachts. Helical Piers were installed and removed without vibration, therefore without any damage to the Museum's Collections, located just steps away from the exhibit's job site.

