

HARBORMASTER'S FACILITY

Town of Harwich, MA

As a part of the goal to make waterfront Harwich more accessible and visitor-friendly, the Town of Harwich embarked on several harbor improvement projects to bring Saquatucket Harbor facilities up-to-date. The landside phase of the project includes design and construction of a new harbormaster's office and a garage/maintenance building. There are also plans for future addition of a café building, which will be connected with the harbormaster's office by a breezeway link. Additionally, the project includes a boardwalk structure running parallel to the shoreline.

The structures are located in an AE Flood Zone and are designed to conform to current FEMA flood code design requirements, with the ground floor levels built above the designated Design Flood Elevation (DFE). The harbormaster building is elevated on a traditional timber pile foundation, whereas the garage/maintenance building is constructed on a helical pile and concrete grade beam system. Both buildings are designed to meet the loading criteria for structures located in hurricane prone areas.

SERVICES

- Structural engineering services for a new harbormaster's office, garage/maintenance, and café building
- Preparation of plans and specifications for public bid procurement
- Value engineering design review of alternate foundation design concepts
- Construction contract administration

