



## Project Description

Nelson & Pope provided engineering, environmental, and surveying services for the development of 210 units of senior housing in two buildings on 12 acres on Hempstead Harbor, along with 1,800 l.f. of bulkhead and shoreline revetment. The property is located under the viaduct on NYS Rte. 25A. The design team worked with the developer, the Inc. Village of Roslyn and the NYSDEC to prepare a plan that would enhance and, at the same time, stabilize the shoreline of the old fuel terminal. The improvements feature a public access pedestrian walkway along the shoreline.

## Relevant Project Components

- Topographic & Boundary Survey
- Existing Conditions Survey
- Flood Plain Mapping
- Bulkhead & Overlook Design
- Rip-Rap Revetment
- Pedestrian & Emergency Walkway
- Walkway Lighting
- Site Improvement Design
- Sanitary Sewer, Pumping Station and Force Main Design
- Water Service & Backflow Prevention
- NYSDEC Stormwater Management Plan and Approval
- Highway Work Permit Plans
- Construction Surveying
- As-Constructed Surveys

