

# Subsurface Constructors

Ground Improvement

## The Bay House



The Bay House provides premium housing in downtown Portland, Maine and required extensive ground improvement work prior to construction. Subsurface Constructors installed 271 [aggregate piers](#) to provide a maximum bearing pressure of 3,000 pounds per square foot. The soil profile consists of silt and lean clay (ML) to an average depth range of 3 to 24 feet and sandy soils to an average depth range of about 21 to 34 feet.

### Project details:

**Owner:** The Village at Ocean Gate

**Geotechnical Engineer:** Sebago Technics

**General Contractor:** Metric Corporation

**Services Provided:** Ground improvement, stone columns

**Year:** 2012

**Location:** Portland, Maine