

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