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