

Maine Coast Heritage Trust Office

Somesville, Maine

Owner

Maine Coast Heritage Trust

Architect

Stewart Brecher Architects

Contractor

Nickerson and O'Day, Inc.

Completion Date

2009

Construction Cost

\$1.8 million

Total Area

4,000 sf

LEED Certification Level

Gold

Services Provided

LEED Consulting



Fore Solutions, acquired by Thornton Tomasetti in 2012, provided LEED consulting for approximately 4,000 square feet of new office space serving the Somesville, Maine office of the Maine Coast Heritage Trust. Early involvement of the project team and a commissioning agent with the design team assisted to right-size mechanical systems. Photovoltaic panels were added which helped the project exceed ASHRAE energy standards more than 57 percent while providing more than 20 percent of the building's electricity from renewable energy sources, including the sun.

The building, a former dilapidated house, sits on a 35-acre preserve where the public is invited to enjoy walking trails. The location preserves much of the existing field and the sensitive landscape bordering along Babson Creek. Storm water management through bio-swales and rain gardens and the utilization of low-water usage fixtures supports water conservation sustainability goals of using 42 percent less water than a standard code compliant building.

