



HALEY WARD

ENGINEERING | ENVIRONMENTAL | SURVEYING

Structural Analysis & Design

Haley Ward offers comprehensive structural engineering services to industrial, commercial, institutional, public utilities, contractors, architects, other engineering firms, government agencies, and municipal and residential clients. Haley Ward structural engineers utilize the latest structural analysis and design software, such as STAAD Pro, RAM Elements, Enercalc, Autodesk Structural Robot, and Woodworks to provide cost effective and practical design solutions to meet client needs. Haley Ward designers use the latest Computer Aided Design and Drafting software including Autodesk Revit and AutoCAD to better communicate design intent to clients and contractors. We have extensive experience in the analysis, design, and assessment of structures and foundations for new buildings, additions, mezzanines, hoists and cranes, retaining walls, equipment supports, pipe bridges, structural investigations, renovations, and structural remediation. Our engineers also have extensive experience in the analysis, design, and assessment of wood, steel, concrete, masonry, and composite materials. Haley Ward offers its engineers training opportunities for continuing education so they are up-to-date with current codes, software, methods, and materials.

A partial list of structural engineering services and representative clients is provided below:

- Industrial, Commercial, Residential, & Municipal Structures
- Sand/Salt Storage Buildings
- Bridges and Abutments
- Retaining Walls
- Foundation Design
- Marine Structures, Docks, & Marinas
- Wood, Steel, Masonry, & Composite Structures
- Process Equipment Support Systems
- Renovations & Additions
- OSHA Floor Load Certifications
- Code Review & Professional Engineering Certification
- Expert Witness

REPRESENTATIVE CLIENTS

- ND Paper
- SAPPI
- Sargent Corporation
- Town of Bar Harbor
- University of Maine
- Town of Mount Desert
- Casco Bay Energy
- The Jackson Laboratory
- City of Bangor
- Blue Hill School District
- BBS Lobster Trap
- Eastport Port Authority
- City of Belfast
- Gaftek, LLC
- Fibright
- Pleasant River Lumber
- Maine Waterside Trails
- Carrabassett Valley
- Hardy Construction
- Town of Glenburn

“We have always found Haley Ward's work to be professional and thorough. Their range of in-house expertise provides efficient and timely services related to project analysis, design and permitting. I have found their staff to be knowledgeable, competent, responsive and easy to work with.” - Samuel R. Coplon, Coplon Associates