

Structural Engineering Design Services

Building Designs in Steel, Wood, Concrete,
Pre-Cast Masonry, Metal Framing,
Post and Beam Timber

Existing Building Remodels and Expansions

Structure Failure Investigation/Evaluation

Renewable and Recycled Materials

Wind Load and Seismic Design

Retaining Wall Designs

Concrete Floor Design for Industrial Facilities

Roof Analysis and Replacement
(Nationally Licensed Registered Roof Consultant)

Building Condition Evaluations



Engineers

William Faucher, P.E., LEED - AP, RRC - Principal/Director of Structural Engineering

Bill received a Bachelor of Science in Civil Engineering from the University of Maine, 1987, and Continuing Education in Foundation Design from the University of Wisconsin. Bill is a Registered Professional Engineer in ME, NH, MA, CT, VT, NY, VA, RI, NJ, PA, NC, and FL. Bill's strengths include roof system component studies and evaluations for repair/upgrades, steel frame buildings and complex concrete and masonry system designs for multi-story buildings. Bill has considerable experience with the design and evaluation of building envelope systems performed as part of the overall building commissioning process. Bill is a member of RCI, Inc. and is a Registered Roofing Consultant.



James Martin, P.E. - Senior Structural Engineer

Jim Martin has more than 20 years of experience in the building engineering industry. Jim received a Bachelor of Science in Civil Engineering from University of Maine. Additional Graduate Courses include Bridge Engineering and Legal Aspects of Engineering and Architecture. Jim is a Registered Professional Engineer in ME, NH, NY, OH, VA, and LA.



Jim has worked on a wide range of projects including municipal, commercial, education, private industry and residential projects throughout greater New England. He has provided complete structural upgrade designs in accordance with current building codes and standards for structural steel, reinforced and precast concrete, masonry and timber structural systems.

Bill and Jim are supported by a team of CADD Technicians and a Construction Administrator as needed for individual projects.

You can reach Bill or Jim at:
wfaucher@allied-eng.com / jmartin@allied-eng.com

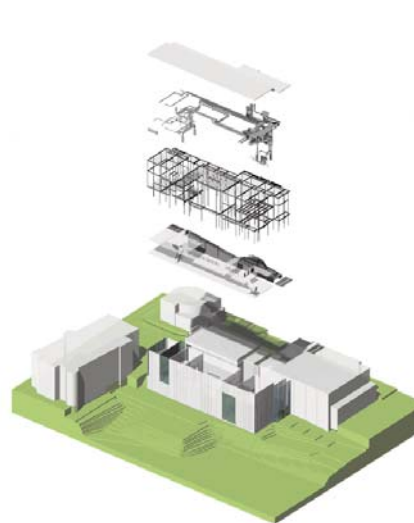
Technology

Use of Latest Technology

Revit® Structure

The use of of this BIM modeling program gives Allied Engineering the integrated modeling environment needed for analysis and documentation, ensuring that the structural design and documentation are coordinated, consistent, and complete. Following are two project examples which show the use of Revit 3-D Modeling design:

University of Maine Farmington Emery Community Arts Center



MDOT Acadia Gateway - Phase I Bus Maintenance Facility





Projects/Clients

Educational:

- University of Maine System – Farmington, Orono & Southern ME Campuses
- Colby College, Waterville, ME
- Bowdoin College, Brunswick, ME
- Bates College, Lewiston, ME
- Numerous MSAD's throughout Maine

Government Entities:

- U.S. Postal Services, ME, NH, MA
- Maine and New Hampshire Department of Transportation
- MDOT Acadia Gateway Center (Phase I and II)
- Maine Army National Guard
- Maine Military Authority
- Portsmouth Naval Shipyard
- Cumberland County Facilities

Hospital/Laboratory:

- The Jackson Laboratory, Bar Harbor, ME
- St. Mary's Health System, Lewiston, ME
- Maine Medical Center, Portland, ME
- York Hospital, York, ME

Retail/Commercial:

- cPort Credit Union, Augusta and Portland, ME
- Central Maine Credit Union, Auburn, ME
- Maine Family Federal Credit Union, Auburn, ME
- Goodwill Industries, Various stores in ME, NH and VT
- Hannaford Supermarkets ME, NH, MA, VT

Contractor Design/Build Teams:

- Pizzagalli Construction Company, Inc.
- PM Construction Company, Inc.
- Wright-Ryan Construction Company, Inc.
- Landry/French Construction Company

Hospitality - New Construction

- Hampton Inns - ME, MA and NH
- Wingate Hotels, Rhode Island
- Hilton Garden Inns, ME, NH, RI, MA, CT, PA
- Taje Inns, NH and MA
- Marriot Courtyard
- Homewood Suites



Labelle Winery - Amherst, New Hampshire



Portsmouth Naval Shipyard Transducer Test Facility



Marriott Courtyard - Lincoln, Rhode Island



Hospitality

Hampton Inn and Marriott Courtyard



Commercial/Financial

cPort Credit Union and Maine Family Federal Credit Union



Assisted Living

Piper Shores - Pool Addition - Scarborough, Maine



Allied Engineering is a member of the following Organizations:



160 Veranda Street, Portland, ME 04103 / Ph. 207.221.2260 / Fax 207.221.2266

www.allied-eng.com