



## ADVANCED RESERVE SOLUTIONS

**Paul Huijing, P.E.**

**Education:**

Cornell University, Sibley School of Mechanical Engineering, Ithaca, New York

Master of Engineering Degree, 1987

Bachelor of Science Degree with Distinction, 1986

University of Massachusetts, Amherst, Massachusetts

Courses: Structural Analysis, Concrete Design, Wood Structural Design

Registered Professional Mechanical Engineer in Connecticut, Massachusetts, and Maryland

**Entrepreneurial Experience:**

Regional Vice President

2016 - Present

Advanced Reserve Solutions of New England, LLC

[www.arsinc.com/NewEngland](http://www.arsinc.com/NewEngland)

Prepare reserve studies and engineering condition reports for condominium associations, time share associations, churches, and other entities needing building evaluations and financial budgeting for building and site repairs/replacements.

President:

2004 - Present

Paul Huijing, Incorporated; Construction Consulting and Engineering

[www.paulhuijing.com](http://www.paulhuijing.com)

Forensic analysis of building failures, construction dispute mediation, and expert witness services

General Contractor:

2004 - 2018

Paul Huijing, Incorporated; Construction and Engineering

Founded with a goal of establishing a small personal construction company with time to focus on the individual needs of clients. Commitments to efficiency, organization, responsiveness, and knowledge made the company unique.

**Residential Construction Work Experience:**

1999 – 2004

Construction Superintendent

Dan Roulier and Associates, Somers, Connecticut

Scheduled and supervised all phases of new residential construction from site plan concept through final punch list and warranty repair.

**Mechanical Engineering Work Experience:**

1987 - 1999

Project Engineer

Westvaco Corporation: Laurel, Maryland and Springfield, Massachusetts

Various roles in engineering and management.

### **Relevant Publications:**

Reserve Study articles and presentations:

- Community Associations Institute - New England: Condo Media, December 2018
  - [“Reserve Study Maintenance”](#)
- Community Associations Institute – New England: Condo Media, July 2018
  - [“Implementing the Reserve Study”](#)
- Community Associations Institute - New England: Rhode Island Expo Seminar, April 2018
  - [“ Association Reserve Studies and Funding”](#)
- Community Associations Institute - New England: Condo Media, March 2018
  - ["The Reserve Study: Your Guide to Reading and Understanding Them"](#)
- Community Associations Institute - New England: Condo Media, December 2017
  - [“Untangling Reserve Studies”](#)
- Community Associations Institute - New England: Expo Seminar, October 2017
  - ["Preserving the Value of Your Community"](#) co-presented with Pamela Bowman of PrimeTouch Services
- Community Associations Institute - Connecticut: Common Interest, September 2017
  - [“Why do we need a reserve study OR How to avoid special assessments!”](#)

Articles for the Journal of Light Construction, a monthly magazine serving residential builders, remodelers, designers, and other trade professionals:

- ["Basic Scheduling for Increased Efficiency"](#) highlighted Paul’s system for building a home efficiently and on time.
- ["Building an Energy Efficient Spec House"](#) describes the techniques Paul uses to reduce heating and cooling energy usage by 50% compared with a typical new house.
- ["Turning an Outbuilding Into an Office"](#) describes an energy retrofit to a barn to house a comfortable home office.
- ["A Bridge From Two Flatcars"](#) details the construction of an innovative bridge across wetlands and a seasonal stream to access two home sites.

### **Continuing Education Instructor:**

Continuing education instructor for Massachusetts Construction Supervisor License holders.  
2012 - 2019

Developed and taught

- “Keeping Moisture Out: Flashing Details to Prevent Water Intrusion”
- “Insulation Types, Installation Methods, and Limitations”
- “Building an Airtight House”
- “Building and Operating a Super-Insulated Home,”
- “Fall Protection and Silica Safety”

### **Western New England University:**

- Adjunct professor, Construction Engineering, 2016

### **Professional Affiliations:**

- Professional Engineer: Massachusetts #41228; Connecticut #23475; Maryland #18563
- Massachusetts Construction Supervisor #075724
- Massachusetts Home Improvement Contractor #149774

- Community Associations Institute, New England & Connecticut
  - New England Education Committee 2017 – Present
  - Presenter at CAI Expos
- Home Builders Association of Western Massachusetts, Board of Directors, 2005-2019
- Home Builders Association of Massachusetts, Board of Directors, 2007-2018

**Community Involvement:**

- Minnechaug High School Building Committee, Hampden-Wilbraham Regional School District
- Wilbraham Public Library Renovation Committee

**Ironman Triathlon Finisher:**

- Lake Placid, New York 2014
- Mont Tremblant, Quebec, Canada 2016