

**LOIS ROBERTS**  
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- Training
- Partnering
- Dispute Review Boards
- Early Neutral Intervention
- Mediation
- Arbitration
- Organizational Consulting

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## EXPERIENCE

- 1980 – present **Lois Roberts Consulting Engineers** (Westport, CT): Provide mechanical systems design, investigation and forensic services for commercial, residential and institutional buildings.
- 1977 – 1980 **Lois Roberts Consulting Engineers** (Roxbury, CT): Provided mechanical systems design for commercial and residential buildings.
- 1975 – 1977 **Simonson & Simonson Engineers** (San Francisco, CA): Project engineer for mechanical systems for hospitals, institutional buildings.
- 1974 – 1975 **Dan Vandament Engineers** (Mill Valley, CA): Project engineer for residential and commercial building mechanical systems.
- 1973 – 1974 **Lois Roberts, P.E.** (Vinalhaven, ME): Bought two old buildings, restored them and installed new heating systems.
- 1969 – 1973 **Werner Jensen & Adams, Inc.** (Stamford, CT): Project engineer for design of mechanical systems for recreational facilities, office buildings including tenant fit-up, condominiums, and field inspections.
- 1967 – 1969 **Henry Adams, Inc.** (Baltimore, MD): Performed heating, cooling calculations, prepared drawings, specifications.
- 1966 – 1967 **Locke & Smith, Architects & Engineers** (Oklahoma City, OK): Performed heating, cooling calculations, prepared drawings, specifications.

## EDUCATION

- 1966 BS, General Engineering, University of Illinois (Urbana, IL), with secondary degree in Business Administration.

## CONTINUING EDUCATION

- Σ Harvard University Graduate School of Design: Waterproofing the Building Envelope
- Σ Harvard University Graduate School of Design: Office Buildings — New Technologies
- Σ AIA/CT Workshop: Learning from Adversity: Moisture Migration in Buildings
- Σ Northeast Utilities Company: Meeting the Connecticut State Energy Code, Feb. 13, 2007

## REGISTRATION

- Σ Registered Professional Engineer (P.E.), Connecticut
- Σ Registered Professional Engineer (P.E.), New York
- Σ Registered Professional Engineer (P.E.), New Jersey
- Σ Registered Professional Engineer (P.E.), California
- Σ Registered Professional Engineer (P.E.), Maine

## PROFESSIONAL MEMBERSHIPS AND CERTIFICATIONS

- 1984–present American Council of Engineering Companies in Connecticut (ACEC/CT), Middletown, CT
- Σ President, 1987–88
  - Σ Board of Directors, 1984–92
  - Σ National Director, 1988–90
  - Σ Chairman, Ethics Committee 1991–92
  - Σ Co-Founder and member, Mediation Coalition, 2000–present
  - Σ Judge, Engineering Excellence Awards competition in Connecticut, 1998–2005

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- 1984–present American Council of Engineering Companies (ACEC), Washington, DC  
Σ Risk Management Committee, Steering Committee member, 2002–present  
Σ Mold Subcommittee  
Σ Bylaws and Resolutions Committee, 2006–present
- 2007–present Member, American Society of Heating, Refrigerating, and Air Conditioning Engineers, Inc. (ASHRAE)  
Mediator for Construction Industry Disputes. Certification: completed 30 hours Mediation Training, April 2001; completed 8-hour refresher course, 2002. Dispute Review Board Training, December 2005.

### AWARDS

2003 Member Engineer of the Year, ACEC/CT

### TECHNICAL ACCOMPLISHMENTS

- Σ Lecturer, “Mechanical Systems for Museums”, Yale School of Architecture, March 1999
- Σ Lecturer, “Maintaining Healthy Environments”, Schools Facilities Conference, Waterbury, CT, April 2001
- Σ Lecturer, “Handling Mold Disputes”, Lorman Seminar, Hartford, CT, June 2003
- Σ Lecturer, “Update on Mold Cases in CT”, CT Association of Building Officials, April 2005
- Σ Lecturer, “Indoor Air Quality in Schools”, CT Association of Public School Superintendents, May, 2001
- Σ Lecturer, Yale Graduate School Architecture, Engineering Advisor, Spring 2002
- Σ Lecturer, American Institute Architects-MEP course for CT license requirements, April 2005
- Σ Moderator, “Cost of Perfection”, Joint ACEC/CT, AIA/CT Panel, New Haven, CT, January 2007
- Σ Co-lecturer, “Architectural Impact of the Energy Code”, Design & Trades Conference, Cromwell, CT, May 2007

### OTHER MEMBERSHIPS AND SERVICES

- Σ Member, Westport Sunrise Rotary, 1988–97, Newsletter editor 1994–96
- Σ Member, Town of Westport Public Site & Building Committee, 1985–87
- Σ Member Properties and Architectural Committees in charge of outdoor lighting, site drainage, and residing projects, Strathmore Lane Condominium Association, Westport, CT, 2003–present

### LIST OF RECENT PROJECTS BY LOIS ROBERTS CONSULTING ENGINEERS

- Σ Investigation of mold found in Connecticut residences, schools, other commercial buildings
- Σ Ventilation improvements in commercial kitchen in assisted living facility in Connecticut
- Σ Investigation of cause for “blue water” in water supply in Connecticut school
- Σ Indoor air quality investigation for a waste process facility in Hartford, Connecticut
- Σ Investigation of cause for moisture accumulation leading to ceiling collapse in Florida house
- Σ Investigation of moisture problem in an indoor tennis building
- Σ Investigation of lack of draw from new chimney in Connecticut residence
- Σ Investigation of heating and air condition system complaints in New Jersey conference center
- Σ Investigation of complaints of odors spread by exhaust from Connecticut restaurant
- Σ Research ways to restore 25-year-old geothermal system for 4-story condominium
- Σ Recommendations for heating system improvements in 6-story condominium building
- Σ Design of chilled water retrofit systems for large waterfront homes in Connecticut, New York
- Σ Design of heating system improvements for middle school in Connecticut
- Σ Expert witness in several construction dispute cases involving mold
- Σ Expert witness in construction dispute case involving carbon monoxide
- Σ Expert witness in dispute involving moisture dripping onto courts in indoor tennis building
- Σ Investigation and correction of uneven temperatures in multistory library
- Σ Expert witness in construction dispute in Kentucky involving mold and the AC system
- Σ Mediator in construction dispute between owner and design professional in CT (pending)