



Curriculum Vitae
John D. Steele, P.E., Professional Engineer

Licensure

- Registered Professional Engineer (P.E.), State of New York, NYS license #083059

Education – Degrees Conferred

- Master of Science (M.S.) in Building Sciences, School of Architecture
Rensselaer Polytechnic Institute, Troy, NY - 1998
- Bachelor of Science (B.S.) in Electrical Engineering Technology, Cum Laude
State University of New York Institute of Technology
(Now State University of New York Polytechnic Institute) Utica, NY - 1990

Professional Memberships and Activities

- NY State Society of Professional Engineers (NYSSPE), Capital District Chapter;
Past-President and Member
- National Society of Professional Engineers (NSPE); Member
- American Society of Civil Engineers (ASCE); Member
- ASCE Architectural Engineering Institute; Member
- ASCE Structural Engineering Institute; Member
- National Academy of Forensic Engineers; Correspondent
- Engineers for a Sustainable World; past volunteer on the project advisory committee,
providing guidance on international engineering projects
- Engineers Without Borders; one of the founding members of the Albany, NY chapter
- Provider of direct engineering support to a school in Lascahobas, Haiti; projects include
redesigning and restoring defunct solar power system and drawings for a classroom addition.
- Reviewer of the manuscript and drawings for the textbook, Understanding Construction
Drawings, 4th edition by Mark W. Huth. N.p.: Thomson Delmar Learning, 2005, in
preparation for the 5th edition.

Professional Certifications and Recognitions

- BPI (Building Performance Institute) Certified Professional - Building Analyst and Envelope
Professional, 2009-2012
- Approved by New York State Department of State as a Home Inspector Instructor - 2008
- Passed the requirements of the Examination Board of Professional Home Inspectors - 2002
- Passed American Society of Home Inspectors Standards and Ethics Examination - 2002
- Illuminating Engineering Society of North America, Certificate of Technical Knowledge -
1995



- Awarded membership in Tau Alpha Pi National Engineering Technology Honor Society – 1989

Experience

- 2005-Present, Steele Engineering and Consulting, P.C., Troy, NY – Founder and Principal
 - Architectural and structural engineering design
 - Building inspection and analysis
 - Construction defect and failure investigation
- 2007-2013, Hudson Valley Community College, Troy, NY
 - Adjunct Faculty - Architectural, Civil Engineering, and Construction Technologies, School of Engineering and Industrial Technologies. Courses taught include:
 - Statics and Strengths of Materials: Covering structural analysis, temperature effects, and mechanical properties of materials.
 - Building Construction I: Covering an introduction to the terminology, methods, procedures, products, materials, code compliance, sequence of operations, systems, types of construction, and planning involved in the construction of wood/steel frame, steel, masonry, and concrete structures.
 - Blueprint Reading for Technologies: Covering the study of blueprints common to the field of construction, and various types of drawings, such as site drawings, floor plans, detail drawings, and drawings of foundation, framing/trusses, electrical, plumbing, and HVAC (heating, ventilation, and air conditioning) systems.
 - BPI (Building Performance Institute) faculty - Center for Energy Efficiency and Building Science (2009-2010). Courses taught include:
 - Building Analyst: Covering interactive classroom and hands-on field training on building science, the building shell, thermal and pressure boundaries, diagnosing air leakage, blower door testing, heating and cooling systems, weatherization and insulation, lighting, and combustion testing.
- 2001-2005, White Birch Inspections, Inc., Troy, NY – Founder and President
 - Commercial and residential building condition assessment
 - Commercial building maintenance and operations consultation
- 1997-2006, Albany Medical Center, Albany, NY – Director of Engineering and Construction, Assistant Director, Facilities Engineer
- 1995-1997, Sodexo, Waltham, MA – Director of Facilities and General Manager at Goshen General Hospital, Goshen, IN
- 1990-1995, College of Saint Rose, Albany, NY – Acting Director of Facilities, Facilities Engineer, Sr. Engineering Technician