

T. PEPPER CLAYTON

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PROFESSIONAL EXPERIENCE

Crossroads Reality, Holyoke, MA

Engineering Technician and Property Manager, May 2014 – Present

- Energy Consulting & Auditing, Property Manager, and Owner Representative for all construction projects; retrofits and existing buildings.
- Responsible for inspections and repairs of all mechanical systems of new and renovated projects.
- Day to day operation and meeting tenants needs and requests.

VisitHigherGround.com, Middletown Springs, VT

Owner, Builder and Property Manager, Mar 2004 – Present

- Management of personal property for commercial use. Barn-to-Home (2006) and Hobbit Home (2018) are Design/Build projects completed with wife/design partner. Both properties are featured on Airbnb as rentals.

University of Colorado, Boulder, CO

Engineering Technician for Facilities Engineering/Planning, Design and Construction and Energy Conservation, Office of Sustainability, Mar 2009 – Apr 2014

- Energy Consulting & Auditing for new and existing buildings
- Responsible for inspections of all mechanical systems of new and renovated projects on a campus comprised of approximately 11.5 million square feet
- CU acts as its own commissioning agency for all construction projects, as part of the commissioning team, responsible for mechanical portions of the process
- As part of on-going process improvement, enhancing the design team requirements for building envelope based on ASHREA standard 90.1, and IECC commercial energy code compliance
- Infrared Thermography analysis along with existing building envelope re-commissioning

GSK Climate Control Inc. East Dorset, VT, East Dorset, VT

Project Manager/Designer, Apr 1994 – Oct 2008

- Responsible for design/build of approximately 50 commercial & residential HVAC systems per year
- Conducting heat loss calculations
- Facilitate/Complete Shop & Fabrication Drawings
- Installation of sheet metal ductwork
- Commissioning of HVAC systems

Wolff and Munier, Inc., Boston, MA

Lead Estimator/Project Manager, Jun 1987 – Sep 1994

- Responsible for the all of the estimating at this division of W & M Inc.
- Working under the Lead Estimator with Detailed computerized material take-offs, vendor and subcontractor quotes for piping, sheet metal, and plumbing for bids in the range of \$50,000 to \$15,000,000
- Supervisor in the estimating department with a volume of 50 M/yr

- Project Manager of multiple HVAC and plumbing projects ranging from \$30,000 to \$1,000,000.

EDUCATION

University of Wisconsin
Madison, WI

Certification Qualified Commissioning Process Provider with the designation of QCP or QCxP (May 2011)

ICC International Code Council
Washington, DC

Certi Commercial Mechanical Inspector and Plans Review (May 2009)

Building Performance Institute
Malta, NY

Certification Building Analysis Professional, Envelope Professional and Heating Specialist (Nov 2008)

Snell Group
Montpelier, VT

Certification Building Specific Infrared Thermography (May 2008)

Saturn Resource Management, MT/Energy Logic
Helena, MT

Cer HERS Rater (May 2008)

Yestermorrow
Warren, VT

Certification Permaculture (May 2006)

Vermont Technical College
Randolph Center, VT

A.S. Mechanical Engineering Technology (May 1984)

ADDITIONAL COURSEWORK

- Solar Hot Water, Basic and Advanced PV Systems, Building Envelope, Super Insulation.

ADDITIONAL SKILLS

- Drafting, Plumbing, Electrical, Carpentry, Masonry, Flooring, HVAC Systems, Building Science.

REFERENCES

References available upon request