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JOHN D. BARTON
ENGINEERING IN TRAINING

PROFESSIONAL EXPERIENCE

Since 2008, Mr. Barton has worked on a number of engineering projects involving HVAC, process and utility mechanical systems for Industrial, Commercial, and Institutional clients.

Responsibilities have included building layout, system sizing and routing, development of project documents (2-D and 3-D CAD drawings) using various computer software, energy and load modeling, shop drawing and submittal review.

EDUCATION

B.S., Mechanical Engineering; Bucknell University,

REGISTRATIONS

LEED AP, Engineer in Training
Engineer in Training 2008

COMPUTER SKILLS

General Programs - Microsoft Excel, Outlook, PowerPoint, Word, Outlook
CAD Programs – AutoCAD, Pro / ENGINEER, and Matlab
Technical Programs – eQUEST, Trane Trace

PROJECT EXPERIENCE

Liebert Engineering – Charlotte, VT

Performed plumbing layout and calculations for existing 70,000 square foot office building
Performed heating and cooling load calculations for existing 70,000 square foot office building

Mechanical Engineer CDM Inc. - Pittsburgh, PA

Project experience includes office buildings, university buildings, bus maintenance buildings, waste water treatment plants.

Participated in the design of three LEED Silver buildings

Performed LEED modeling and documentation for a 5,000 square foot office building

Calculated heating and cooling loads for new and existing buildings

Performed energy modeling for energy audit of three public schools ranging from 110,000 square foot to 230,000 square foot building

