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# Jim O'Brien, LEED AP BD&C

## Principal – Chief Electrical Engineer – Project Manager

### EDUCATION

Northeast Institute of Industrial Technology – Practical Electrician – 1985  
Wentworth Institute of Technology – Master Electrician - 1990

### PROFESSIONAL AFFILIATIONS

Master Electrician – MA, ME, NH, VT  
Massachusetts Building Supervisors License  
National Board of Electrical Examiners – National Electrical Certification – 1990  
FICO – Certificate in Fiber Optic Design, Test and Installation – 1995  
American Research Group Certificate Voice Data, Network Design, Test and Installation – 1996  
Professional Memberships: National Burglar and Fire Alarm Assoc., NFPA, Project Management Institute, Sterlings' Who's Who, Notary Public State of MA  
Lutron Radio RA Installer and Programmer Training – 2002  
LEED Accredited, 2009

Mr. O'Brien is an Electrical Engineer at CSI Engineering LLC with over 25 years experience in the electrical and construction industry. He has gained extensive design installation and project management experience in primary electrical distribution, power distribution, lighting systems, fire alarm systems, security systems, generator systems, UPS systems, FM200/Halon Fire protection systems and packaged computer grade air conditioning systems. In addition Mr. O'Brien has in-depth knowledge pertaining to Massachusetts Building Code, Massachusetts and National Electrical Codes, Massachusetts Elevator Code, International Building Code, NFPA 72, NFPA 101, Massachusetts Energy Code & LEED certification requirements.

### RELEVANT EXPERIENCE

#### **GSA Immigration Building, Bedford, NH**

Complete electrical design containing LEED silver status for a 21,000 square foot office building. Design includes lighting, lighting controls, main service design, power for HVAC system and general use, and fire alarm systems. Design was conducted in accordance with the appropriate documentations and processes required for obtaining LEED certification

#### **Dunstable Town Hall, Dunstable, MA**

Full design of Power, Lighting, Voice/Data, and Fire Alarm Systems for renovated building to provide visitor center, elevator and class rooms. Awarded 2004 Massachusetts Historical Commission Preservation Award.

#### **Old Ship Church, Hingham, MA**

Electrical, power, security and lighting renovations to this National Historic Landmark. Building is oldest wooden church in the US, circa 1681.

#### **Winchendon Housing Authority, Ipswich Drive – Winchendon, MA**

Fully designed Power, Lighting, Emergency Call, and addressable Fire Alarm System for an elderly housing development. All designs were completed in accordance to applicable codes