

*James Carr, AIA, LEED AP BD&C, brings to each project over twenty years of professional experience spanning a unique range—from master planning, design and construction oversight of residential, commercial, municipal, historic, and educational buildings to LEED and green building consulting for institutions, corporations and architects. He has designed and managed all aspects of projects, from schools and renewable-energy installations to homes and restaurants—right down to shop-fabricating custom elements for his own designs.*

**LEED and CHPS Certified consulting projects include:**

Pilot House—LEED EBOM Silver  
Lewis Wharf, Boston, MA  
Pilot House Properties, LLC

2 Atlantic Avenue 3<sup>rd</sup> Floor  
Boston, MA LEED-CI Silver  
Pilot House Properties, LLC

Norfolk County Agricultural High School  
MA-CHPS Verified Leader  
Turowski2 Archtiects.

Cambridge Rindge & Latin High School—LEED Gold  
Cambridge, MA,  
HMFH Architects, Inc.

Benchmark Assisted Living  
LEED-Homes Platinum.  
Bedford Falls Senior Living,  
Bedford, N.H.

Easthampton High School—MA  
CHPS Verified Leader  
Easthampton, MA  
Caolo & Bieniek, Architects.

Rochester Memorial School  
MA CHPS Verified  
Rochester, MA.  
Flansburgh Architects.

Barrel Warehouse  
Diageo Corporation International,  
U.S. Virgin Islands. LEED Silver  
This project is the first LEED-Certified  
building in the Virgin Islands.

Greenwich Country Day School,  
LEED-S -Gold certification—  
Architectural Resources  
Cambridge.

Stanley Elementary School,  
Waltham, MA LEED-Silver  
Flansburgh Architects.

Founded in 2004, James Carr, architecture & design is dedicated to developing beautiful and effective design solutions. The firm has carried out a wide range of work, including residential, educational, commercial, renewable energy, and social services projects. Recent design projects have included school gymnasium renovations, space-planning and preliminary design studies for the Town of Dedham; a commercial video-production test kitchen for a marketing firm and cooking website; a renovation of a 4,000 square foot office space in a historic loft space in Cambridge; a residential renovation in Brookline including a new home office, patio and solar hot water system; and renovations of single-family homes to serve as multi-resident independent living homes for severely handicapped individuals.

A LEED Accredited Professional since 2002, Mr. Carr develops a project's overall environmental strategy, guides projects to LEED certification, and provides expertise for renewable energy installations. His approach is tuned to environmental responsiveness—minimizing the need for costly mechanical systems, and creating true sustainability.

Mr. Carr's consulting on green building strategy is focused on effective project management and cost control—turning green concepts into practical reality. Clients include the Town of Dedham, Massachusetts; Pilot House Properties, Boston; the Princeton Club of New York; Diageo, LLC; and numerous architecture firms engaged in design and construction of large new educational facilities in Massachusetts and Connecticut.

Examples of this results-oriented approach include the 54 kW solar electric installation—one of the largest in Massachusetts—that he designed for the Charles River Center in Needham, and the advanced daylighting system, 17kW solar-electric array, wetlands teaching station, and organic community kitchen garden at the Stanley Elementary School in Waltham.

Mr. Carr helps clients meet their sustainability goals—from achieving LEED or CHPS certification, to simply designing

### Active LEED and CHPS projects:

Westfield Elementary School  
Margo Jones, Architects.

Winthrop High School  
HMFH Architects, Inc.

Holbrook K-12 School  
Flansburgh Architects.

Hannigan Elementary School  
Turowski2 Architecture, Inc.

### Public Service, Teaching and Presentations:

- Waldo Street Area Study Committee, Town of Brookline, appointed 2012.
- Member since 2002, Boston Society of Architects, Committee on the Environment.
- Guest speaker—2002-2012, Brandeis University, Environmental Studies Department.
- Sponsor, internship for environmental studies, Brandeis University, 2011-2015.
- Presenter—Solar Design, Carbon Cafe, Brookline Climate Action Fair, 2008.
- Thesis Critic—Boston Architectural College
- Faculty—Greening of Educational Facilities—Lorman Educational Services.
- Panelist—BSA Build Boston, Greening Your Firm, Greening Your Practice.
- Panelist—North East Sustainable Energy Association annual conference.
- Panelist—EnviroExpo Conference—Green Buildings in Construction.
- Co-author—Coalition for High Performance Schools (CHPS) Best Practices Manual and Design Guide, Massachusetts Version. ©2002.

### Education:

- Master of Architecture, MIT, 1994.
- Certificate of Achievement – Aga Khan Program for Islamic Architecture at MIT, 1994
- B.A. Columbia University, 1986.

measurably greener buildings. Projects typically maximize daylighting in classrooms and corridors, save energy through an efficient heating, cooling and envelope systems, reduce heat gain through solar orientation, minimize adverse effects on adjacent wetlands through green storm-water management, and improve indoor air quality (IAQ) through materials selection, quality ventilation and operable windows.

Mr. Carr is a co-author of the Coalition for High Performance Schools (CHPS) *Best Practices Manual and Design Guide, Massachusetts Version*. ©2002. This comprehensive guide to making a high performance school includes an extensive technical manual covering every aspect of green schools, from site and groundwater to ventilation and lighting.

Mr. Carr's designs emphasize the connection between buildings and the natural environment. As one eight-year old girl wrote:

**"I love the way the windows modify the trees, it soothes my day."**

—Oak Grove Elementary School, Graton, CA

Prior to starting his own practice, Mr. Carr was co-chair of the Greening Committee at the noted firm of Flansburgh Architects, and led the design and green building initiative for the first LEED-Certified school building in Massachusetts (Stanley Elementary School, Waltham, LEED Silver).

Mr. Carr is experienced in the area of sustainable operations and maintenance—assisting clients with certification under the LEED EBOM (Existing Buildings Operations & Maintenance) system, as well as developing system-wide policies and procedures for sustainable facilities management. At Flansburgh, he developed sustainability standards including environmentally preferable in-house purchasing, recycling, environmentally sound project procedures, specifications, design standards, and the manual *How to Green a School*.

Between 1994 and 1999, Mr. Carr worked for the educational facilities design firm, Bowles, Kendrick & Lemanski, based in San Francisco, CA. His experience included all phases of design and construction for both urban and rural school buildings.

In San Francisco, Mr. Carr also co-founded an organization, *218 Trees*, to preserve and enhance an unprotected parcel of waterfront open space—seeing success in 2002, when it was formally dedicated by the City as "Ferry Park". He served on the Parks and Open Space Circle of Sustainable San Francisco, a city-planning project for the San Francisco Sustainability Master Plan.