

LEED®/Green Building Consulting Services:



- ✓ Renewable energy installations.
- ✓ Energy efficiency.
- ✓ Cost-benefit analysis & incentive capture.
- ✓ LEED® certification.
- ✓ Integrated design.
- ✓ Materials selection.
- ✓ Greening strategy, education & training.

Renewables, efficiency and conservation:

Assess feasibility, cost/benefit, payback and environmental impact. Obtain funding, permits, and implementation of renewable solar, wind and other energy installations. Get expert design assistance for commercial, educational, or residential projects.

LEED® certification & integrated green-building design:

Establish LEED® project goals for sustainable design and energy efficiency—using the LEED® rating system. James Carr, AIA is an experienced facilitator of collaborative design processes for building owners, developers and architects.

James Carr, AIA provides consulting services to manage the preparation and online submittal of LEED® documentation to obtain official LEED® Certification from the USGBC.

While James Carr's green design approach is not limited to the LEED® parameters, he has used the LEED® rating system as a guide to a sustainable approach to a building's design, was the Project Architect and LEED Project Manager for the first LEED Silver Certified Public School in Massachusetts, and has consulted on LEED® strategy and consulted on the LEED® Certification process for a range of project types and budgets.

Green project planning and management:

Build or renovate buildings that use less natural resources, are more energy-efficient, harness daylight, use carefully selected materials for environmental and indoor air quality benefit, and have great connection between indoors and out. James Carr, AIA brings fifteen years of green design and planning experience.

Greening strategy, education and training.

Educate your staff, your consultants, students or community members about sustainable design and construction, solar design, the LEED® rating system, and Green Schools. James Carr, AIA also has provided green-building education and training services in professional and academic settings for over eight years.

Pilot Programs, Funding and Guideline Development.

Mr. Carr has initiated and managed project participation in the Massachusetts Green Schools Pilot Program and the LEED for Homes Pilot Program. He has written grant proposals and obtained significant grant funding for clients wishing to develop green buildings.

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 "green," high performance school, includes an extensive technical manual, covering every aspect of high performance schools, from site and ground-water issues, to materials selection, to ventilation and lighting.

Green Building Experience

A LEED 2.0 Accredited Professional since 2002, Mr. Carr develops a project's overall environmental strategy, and can guide a project to LEED Certification. The design approach is focussed on environmentally responsiveness—minimizing the need for costly mechanical systems, and creating true sustainability. Large projects as well as small ones are handled with the same attention to detail and teamwork.

Mr. Carr has developed and managed green building, renewable energy, and/or LEED strategies for the following organizations:

- * **Charles River ARC, Needham, MA**
- * **The Princeton Club of New York, NY**
- * **Diageo, LLC, Captain Morgan, US Virgin Islands**
- * **Benchmark Assisted Living, Wellesley, MA**
- * **The Green Roundtable, Boston, MA**
- * **Campanelli Companies, Braintree, MA**
- * **The Congress Group, Boston, MA**
- * **Greenwich Country Day School, CT**
- * **Architectural Resources Cambridge, Cambridge, MA**
- * **Carr, Lynch & Sandell, Architects and Planners, Cambridge, MA**
- * **Massachusetts Department of Conservation and Recreation**
- * **LEED for Homes Pilot Program Participant, MA**
- * **The Heller School of Management at Brandeis University**
- * **City of Waltham, MA, Public Schools**

Guest speaker, Solar Design—October, 2008, Climate Change Action Brookline—Low Carbon Cafe at the Brookline Public Library.

Guest speaker—2002-08, Brandeis University, Environmental Studies Department.

Thesis Critic, 2006—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.