



The Green Engineer, LLP

Sustainable Design Consulting

Doyle Conservation Center The Trustees of Reservations Leominster, Massachusetts

This new \$5 million Conservation Center is home to the non-profit's staff who work in land conservation, ecology, resource protection and planning, environmental education, and mapping. It also houses the Putnam Conservation Institute and is the site of workshops and training seminars for conservationists. A demonstration project for the Trustees, the complex has photovoltaic panels, high-efficiency lighting and controls, high performance windows, a high performance building envelope, geothermal heat pump heating and cooling system and carbon dioxide monitoring systems. The project achieved a LEED Gold Rating.



HKT Architects, Inc./Dan Gair, Blind Dog Photo

Christopher Schaffner, PE, Principal of The Green Engineer, LLP, worked on this project before founding The Green Engineer, and was responsible for:

- HVAC system design, including the design of the geothermal heat pump system;
- Feasibility study and concept design for the photovoltaic system;
- Performing energy models throughout the project to study different design options;
- Coaching other team members in the LEED program and delineating their roles and responsibilities.

Client: Trustees of Reservations
Architect: HKT Architects, Inc.
Status: LEED v2 Certified Gold