



Worcester Polytechnic Institute, East Hall *Worcester, Massachusetts*



Cannon Design

Design team:

Robert J. Peterson, AIA, LEED AP, Project Principal; Antonino Borgese, AIA, LEED AP, Project Designer; Lynne Deninger, AIA, LEED AP, Project Manager; Brian Pineau, Electrical Engineer; Timothy L. Cooke, Steve Dusza, Angelo Tasca, Cost Estimator; Julianna Chakmakian, Interiors; Gilbane Building Company, Contractor; Richard Moore Environmental Consulting, LEED Consultant; KMD Mechanical Corp., Mechanical Contractor; Ostrow Electric, Electrical Contractor; SRI Fire Sprinkler Corp., Plumbing Contractor; Cullinan Engineering, Civil Engineer; Haley and Aldrich, Inc., Geotechnical Engineer; H Carr and Sons, Acoustics Contractor; Ingersoll-Rand, Hardware Consultant; Greenwood Industries, Inc., Roofing Contractor; Brown Sardina, Inc., Landscape; Yard Works, Landscape Contractor; Ipswich Bay Glass Co., Inc., Curtainwalls; Independent Flooring Corp., Flooring Contractor

Client:

Worcester Polytechnic Institute; Dennis D. Berkey, President

Capacity:

232 beds, 220-car parking structure

Area:

103,500 sq. ft.

Total cost:

\$33 million

Cost/square foot:

\$318.84

Completion:

July 2008

Photographer:

Anton Grassl/Esto Photographics

“Students and the community are able to interact and connect with this design, while embracing learning opportunities on sustainability.”

—2009 jury



Seeking to increase the number of beds on campus and attract upperclass students back to campus, Worcester Polytechnic Institute commissioned the architect to provide planning and design services for East Hall.

The five-story facility, which provides 232 beds in a mix of single- and double-room suites and studios, continues the streetscape building edge established by neighboring buildings, and complements the character of the campus and surrounding area. The compactly designed and configured plan features central courtyards on the building’s east and west sides.

First-floor public areas include

administrative offices, gaming and community rooms, an exercise room, two music rooms, project rooms and a laundry/vending room.

A green roof and a stormwater monitor and testing station in the ground-floor lobby educate students and the public about green design and enrich the institute’s environmental science curriculum. The 4,800-square-foot palletized roof system, situated on 17,800 square feet of Energy Star roofing, was designed to be an experimental roof for educating students and conducting research in green roof technology.

The university intends to seek LEED gold certification for the facility. 🌿