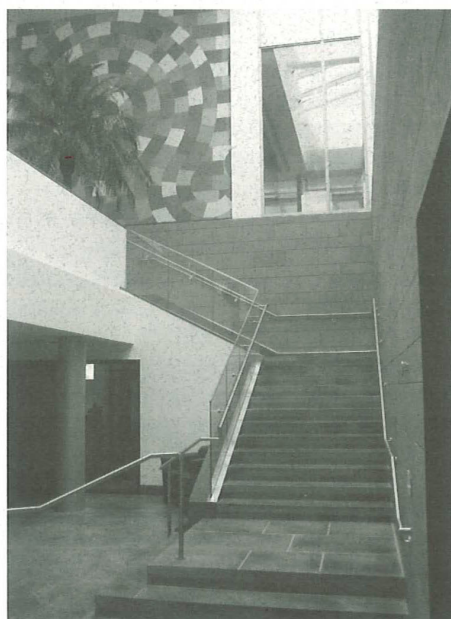


NH FORUM

For those who shape the built environment

AIANH Visits the Currier Sept. 17



AIANH begins its fall series of chapter meetings with a visit to the newly expanded Currier Museum of Art in Manchester.

The evening event will include tours and a presentation by Ann Beha Architects of Boston and Harvey Construction Corp., as well as a reception and dinner in the dramatic new reception space that bridges the original building and the new galleries, now called the Winter Garden.

The 33,000 s.f. addition brings the museum's footprint to nearly 90,000 s.f. The modern structure takes its cues from the original 1929 building and pavilions added in 1982. Don't miss this rare opportunity to tour the Museum with the architects and builders. **Cormack Construction Management** and **Microdesk, Inc.** are sponsoring this event. You can find out more information and register online at www.aianh.org/aia_events.asp. ■

IDID 5: Summary, Conclusions, Goals

Photos by John Hession



The fifth IDID Conference on July 17-18 was another great success for the Environmental Guild and its IDID programming partners! Herewith is a summary of the key points covered over the two days.

PSU President Sara Jayne Steen opened the Conference by welcoming participants and outlining the commitment PSU is making to the American College and University Presidents Climate

Commitment. PSU has agreed to:

- (1) reduce and eventually eliminate or neutralize greenhouse gas emissions; and
- (2) accelerate the research and educational efforts of higher education to equip society to do the same.

The University has pledged to eliminate campus greenhouse gas emissions over time, by:

- (1) completing an emissions inventory within one year;

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Landscape Architects

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Four Projects Earn Honors in IDID Awards Program



Winners of the fourth Integrated Design/Integrated Development Excellence in Sustainable Design and Development Awards program were announced at the recent IDID Conference. Awards were given for outstanding architecture, landscape architecture, planning, or historic preservation projects that demonstrate excellence in design, a substantive engagement of sustainable design principles, and that highlight the beneficial synthesis of an integrated approach to site planning, site and building design, and construction.

Projects of all scopes were solicited and winners were based on the project's beneficial impact to the physical environment and its positive affect on the cultural landscape. All firms in the New England region were eligible to enter any project in the world, and firms outside the region could submit projects located in New England.

Four architecture firms received recognition: **Maryann Thompson Architects**, Cambridge, MA, received an Honor Award

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The Atrium School
Photo: Anton Grassl/Esto

for the design of **The Atrium School in Watertown, MA**. Merit Awards were given to **Oak Point Associates** of Biddeford ME and Portsmouth, NH for the Foster Student Innovation Center, University of Maine, Orono, ME, and to **ADD Inc**, Cambridge, MA for the CarMax Home Office in Richmond, VA. **Christopher P. Williams Architects** of Meredith, NH, received an Honorable Mention for the Tin Mountain Conservation Center in Albany, NH.

The Atrium School is a reuse and repro-



CarMax Home Office Photo: Anton Prakash Patel

gramming of a deteriorated warehouse, and the greening of a contaminated site. The project is also sustainable from the perspective of its relatively low cost. At \$110/SF, the cost of renovating and adapting the building was substantially lower than creating and constructing a completely new design. The design demonstrates sustainable values through its modest and efficient interiors. It also integrates with the site by re-introducing green spaces and pervious surfaces, to encourage local wildlife and native plants – while providing students with park-like play areas. Jurors noted: "Great project...excellent example of how building reuse, attractive design and sustainable building strategies can come together."

The Foster Student Innovation Center at the University of Maine was designed to reflect the surrounding environment through the use of natural stone, reflective glass and a band of copper that suggests the color of oak leaves in the fall. Oak Point Associates' design team and the University of Maine's building committee worked together to integrate university-developed technology and educational programming in the design and construction process. The project also used local materials; windows were constructed to provide the multiple benefits of daylight, passive solar heating, summer heat-gain avoidance, ventilation and



Foster Student Innovation Center Photo: Kim Roseberry, Oak Point Assoc.

a visual connection with the surrounding natural environment. Jurors commended the design team for "its efforts to integrate the end users in the design project and for its innovative roof systems and a real-world testing opportunity for the continued development of green technologies."

The CarMax Home Office began the design process by bringing in a sustainable design consultant before the architects and consultants were selected. The early holistic approach allowed the like-minded team to prioritize green design objectives. The project minimized site cleaning and incorporated a pedestrian bridge to avoid re-grading. The building has low-flow faucets, toilets, and showerheads. Indigenous plantings are used on the site to drastically reduce irrigation. The project exceeds the LEED (Leadership in Energy and Environmental Design) benchmarks for the amount of recycled and locally-manufactured materials. Additionally, the building uses photo, occupancy and carbon dioxide sensors, plus highly efficient fluorescent and metal halide lighting, to further preserve energy. The jurors commented, "It is easy to miss the subtlety of both the technical and design responses, but their merit is clearly apparent. This is a great model of what greening a contemporary office building can look like."

The Tin Mountain Conservation Center in Albany, NH, is a non-profit nature center that teaches surrounding communities about ecological issues. It was built as a "teaching tool" to illustrate how people can make their houses and non-residential projects energy-efficient and less dependent on importing utilities. Sustainable elements




Tin Mountain Photo: John Hession, Advanced Digital Photography

include low-flow water fixtures, locally harvested building materials, a radiant floor heating system tied to a 1200 square-foot roof integrated solar thermal panel system, and a 1500-gallon hot water storage tank. Jurors lauded the project for its "very well-crafted spaces and ambitious sustainability goals that were eloquently integrated to a very attractive building."

Jurors for the IDID Sustainable Design awards were Ron Gronowski AIA, LEED


AP, a principal at Zimmer Gunsul Frasca Partnership, Portland, OR; Dr. Kirk Ranzetta, an architectural historian with ENTRIX, an environmental consulting firm, and an adjunct assistant professor at the University of Oregon; and Jason King ASLA, LEED AP, a landscape architect. Ryan Kanteres, Assoc AIA organized and facilitated the jury and made the presentation at the Awards Banquet. ■




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