



AIA Atlanta Committee on the Environment

2009 Greenprints Showcase Jury Comments

February, 16th 2009

Thank you to all who submitted projects to the AIA COTE 2009 Greenprints Showcase. This year's competition saw a record number of entries. The variety of project types and sustainable strategies submitted is a testament to the high caliber of sustainable design and construction being done by firms in the Atlanta area. It is now accepted knowledge that those responsible for our built environment must address its contribution to global warming, water and energy consumption, and the health, comfort and safety of its occupants. The projects selected by the jury recognize the collaboration of clients, architects, designers, and engineers, and celebrates the diversity of projects that meet these challenges. Below is the list of projects selected, the submitting firm, project location and comments from the jury about each. The projects are listed in alphabetical order.

Selected Projects;

ASHRAE Headquarters Renovation - Richard Wittschiebe Hand: Atlanta, GA

The jury was impressed by the LEED-NC™-Platinum certification, and the project's role as a symbol of the American Society of Heating, Refrigeration and Air Conditioning Engineers' commitment to sustainable design. Most notable is that the organization chose to renovate an existing building, made a significant commitment to renewable energy through the installation of photovoltaic panels, and has implemented practices that address air quality and resource consumption beyond the mechanical systems.

Eco Skins: The Design of Low Energy High Performance Building Envelopes- Jonathan Aprati, Student and Franca Trubiano, Professor

This student entry from the Georgia Tech College of Architecture presented an innovative solution to a common problem in building design, effective shading of the sun. The project challenged the notion of traditional horizontal/vertical shading strategies with detailed and thorough analysis in a highly iterative process.

Eon at Lindbergh – Smith Dalia Architects Atlanta, GA

With its certification through Southface's Earthcraft Multifamily program, the jury wanted to recognize this project as a model for smart development. Several measures were implemented to reduce energy consumption and allow the use of alternative transportation by the development's residents. These efforts are exceptional given the bottom-line driven nature of multi-family development in Atlanta.

Go Fish, Georgia Visitor Center, Fishery and Hatchery Complex - Lyman Davidson Dooley, Inc. Perry, GA

Targeting LEED-NC™- Gold Certification, The Go Fish Georgia Visitors Center continues the Georgia Department of Natural Resources commitment to sustainable design. The project incorporates aggressive water management strategies into the building's function as a center devoted to educating the public about the lifecycles of different species of native Georgia fish, and how the natural environment affects them.

**Hardin Construction Company Offices – Hendrick
Atlanta, GA**

In attaining LEED-CI™-Gold certification, this project targeted significant water savings and leveraged the energy modeling process to eliminate a planned second chiller and apply the savings from not installing this equipment into improved systems controls. This is an excellent example of how the up-front effort of the sustainable design process can deliver long term dividends.

**Klaus Advanced Computing Building – Perkins+Will
Atlanta, GA**

This LEED-NC™- Gold certified project for Georgia Tech' College of Computing and School of Electrical and Computing Engineering implemented several strategies that have a positive effect on both the building and campus at large. It's holistic approach to addressing its site, occupant comfort, and resource consumption is an example of sustainable design at its finest.

**Morgan Business Center, Building #100, AMB Property Corporation – Lott + Barber
Bloomington, GA**

The efforts to lower electric usage, through daylighting, lighting fixture selection, and the use of lighting controls in this LEED-CS™- Gold certified project is an example of how sustainable strategies make sense for all project types.

**Navy Federal Credit Union, Heritage Oaks Campus, Phase II – ASD, Inc.
Pensacola, FL**

This project is another piece of the client's continuing commitment to serving their members and employees. Targeting LEED-NC™- Gold certification, the project uses a combination of site and building strategies, including bioswales and daylighting, to create an environment that earned Navy Federal a nod as Fortune Magazine's Top 100 places to work.

**New Graduate Student Residence Hall, Columbia Theological Seminary – Lord Aeck Sargent
Decatur, GA**

Aiming for LEED-NC™- Silver certification, this project shows that a traditional design vocabulary, meant to integrate into the fabric of the existing campus, can also be a high performance building. Using basic design strategies, such as proper orientation, along with high performance geothermal heat pumps, provide significant energy savings.

**tvdsdesign Chicago Office Renovation – tvdsdesign
Chicago, IL**

As an employee owned firm, tvdsdesign used the renovation of its Chicago office as way to say that green design starts at home. Using Greenguard certified product and Energy Star equipment, the firm was able to achieve LEED-CI™-Gold certification of their office, located in a historically significant building.