High-Profile: Green Facilities Development News

Bioengineering Group Honored

Salem, MA - Green For All and SJF Institute recently announced the first-ever Green Jobs Award honorees. The Green Jobs Award honors businesses that contribute to the economy and the environment.

Bioengineering Group, a woman-owned science and engineering firm headquartered in Salem, was one of 10 firms honored by Green For All and SJF Institute.

"Each of the companies chosen this year does its part in building the green economy through innovation and job creation here in the United States," says Phaedra Ellis-Lamkins, CEO of Green For All.

"We are honored to have been chosen as one of 10 recipients of The Green Jobs Award," stated Kathy Santoro, director of human resources for Bioengineering Group. "We see our firm as a place to put what we know into practice. Being green isn't just given lip service, its woven into the fabric of the company culture until it quite literally changes how people see the world. Giving employees the opportunity to contribute to positive social and environmental outcomes is a powerful motivator. "

MPA'S Design Earns Green Accolades

Award winning Wyman Street office project photo © Warren Patterson

Waltham, MA - Margulies Perruzzi Architects (MPA) and Hobbs Brook Management announced that the 175-185 Wyman Street office project in Waltham has been awarded two sustainability awards: the grand prize in the green facilities category of the 2010 BUILDINGS Project Innovations Awards and the 2010 Award of Excellence for Best Practice – Sustainability from CoreNet Global New England.

Owned and operated by Hobbs Brook Management, designed by Margulies Perruzzi Architects and built by Columbia Construction Company, these Class A office buildings also earned LEED Gold certification and Innovation in Design credits in all five categories.

The 175-185 Wyman Street complex is 335,000sf of new construction built with the highest level of design, construction, materials, and finishes. The property features two L-shaped buildings with large footprints and a courtyard between that create a campus setting. The project includes underground and surface parking and a 5,424sf, food-court style corporate dining facility in the 175 Wyman Street building with an outdoor patio, as well as a café and satellite location for the shoulder periods in the 185 Wyman Street building next door.

Sustainable aspects of the 175-185 Wyman Street complex include an integrated green cleaning program, mature landscaping, high-reflection roofing, preferred parking for hybrid vehicles and car poolers, and shower facilities for bicycle commuters.

The project recycled over 95% of the former building on the site as structural fill, incorporating an equivalent of $7 million worth of recycled materials. An additional 2,000 tons of steel were sent off-site with the equivalent purchased for use at the new site.

The stormwater treatment system utilizes a pond that doubles as a landscape feature to clean water before it heads to the Cambridge Reservoir, while additional stormwater runoff collected on site is used for irrigation of the site's native and drought-resistant plantings.

John G. Crowe Associates, Inc. provided landscape architecture, site planning, environmental permitting, and civil engineering

The project featured a 40% water-use reduction and a 22% optimized energy performance during the design, engineering, and construction phases, with the intention of reducing energy costs to future tenants. Additionally, the exterior materials of the building provide practical solar protection through the use of solar shading that minimizes heat gain while also drawing natural light deep into the office space.

Golf Club Installs Wind Turbine

Following is an excerpt of an article sent by Jim Cavan, of Green Alliance of Portsmouth, N. H.

Typically, the windswept fairways at North Hampton's Sagamore Hampton Golf Club are more a source of competitive frustration than admiration. Nestled high above the surrounding terrain and within earshot of 1-95, a round at the 18-hole course can, on a particularly gusty day, feel like New Hampshire's version of the British Open.

Now, thanks to a green ambition over two years in the making, the near 50 year old Sagamore is making the most of nature's hand. The golf course, located at 101 North Road in North Hampton, successfully installed and put online a 3.7 kilowatt wind turbine.

The roughly 50 foot structure – situated about a sand wedge shot from the clubhouse and in between the first and tenth fairways – is expected to supply a portion amount of the course clubhouse's energy needs in the coming years.

According to Luff, Sagamore had for years explored the possibility of wind technology on the course grounds. Unfortunately, until 2005 small businesses in New Hampshire were not permitted to "net

Continued on page 33