



Maryland
Green Registry
MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

Penza Bailey Architects

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Architects

Member since October 2009

Management and Leadership

Environmentally Preferable Procurement

The firm's paper product consumption (printing, paper towels, toilet tissue, etc.) is comprised entirely of products produced from post-consumer paper products. All of the firm's stationery is printed on environmentally conscious, FSC certified papers. As employees become LEED Accredited, in lieu of printing new business cards, we are adding this designation to the old cards by hand-stamping. The office provides glass plates, bowls, drinking vessels and stainless steel flatware to minimize the need for paper plates. All catered lunches are required to be generated from local resources and packaged in environmentally conscious containers, with minimal use of disposables. The firm has also negotiated contracts with a housekeeping vendor that specifies the use of green cleaning products.

Environmentally Preferable Products and Services

Penza Bailey Architects proactively seeks to work with clients and consulting team members who share our values toward creating more sustainable places to live, learn, work and play. We strive to bring sustainable design practices to every client and every project. All projects receive Level 1 and 2 Sustainable Design initiatives.

Level 1 Initiatives: Changes Lifestyles

Educates / Motivates / Facilitates Green Practices

Level 2 Initiatives: Saves Resources

Measures benefits, seeks incentives and proactively encourages the use of green resources, regardless of project scope.

Level 3 Initiatives: Seeks LEED Certification

Establishes measurable performance benchmarks, uses sites properly and makes optimal use of green systems, materials, operations, maintenance practices and products

Level 3 projects are currently on the boards for developments in Baltimore City, Baltimore County, Calvert County, Howard County, Prince George's County, the District of Columbia and Hyannis, Massachusetts.

The firm aspires to bring green practices to its building projects regardless of the client's intention to fund LEED certification and has asked its professional staff to become LEED Accredited. Six of the firm's 14 staffers are LEED AP (USGBC LEED Accredited Professionals). The firm pays for study materials and the exam, and provides paid time off to study and sit for the exam.

The firm also maintains an extensive library of green resources including:

- *examples of national "best practices" and policies,*
- *documentation of Maryland policies and programs in force, and*
- *samples library of green building materials.*



Environmental Restoration or Community Environmental Projects

The firm's employees, most of whom live and work in Baltimore City, donate personal time to neighborhood organizations to build community through tree planting and alley gating/greening projects. One of the partners averages 900 hours per year of volunteer time to community groups (York Road tree pit planting, vacant park planting projects and serving on the Govanstown Business Association) to create a more livable, more sustainable, more productive "main street" environment.

Penza Bailey Architects officially launched "GreenWorks," a program designed to educate staff, clients, fellow professionals and the public at large. The firm hosts in-house presentations monthly conducted by qualified providers of "green" building professional services, materials, and products. In July 2009, the firm launched a new website with a direct link to GreenWorks, which provides a Green Q and A series and links to over 30 internet sources to accelerate the pace and ensure the sustainability of the green revolution. Additionally, our website invites visitors to email their Top Ten ideas and check back to see how the commitments they have made to change their own lifestyles are changing the way others think.

Waste

Solid Waste/Material Use Reduction and Reuse

The firm invested in an FTP site to provide accessibility to drawings and report documents online to minimize the need to produce multiple sets of drawings in hard copy.

The firm invested in reusable dinnerware and dishwasher to reduce plastic/paper waste.

Recycling

As architects, in a paper-burdened profession, the firm consistently recycles a volume equal to six 90 gallon recycling containers bi-weekly; and quarterly harvest 4 times that volume in a concerted effort to recycle its paper products.

Hazardous Waste/Toxic Use Reduction

The firm negotiated contracts with a housekeeping vendor based on the agreement to use green cleaning products. As these items are stored on-site, this compliance is corroborated on a regular basis.

We also have a special bin for used batteries, which are properly disposed of.

Energy

Energy Efficiency

The firm has adjusted the thermostat and placed stricter controls on the use of lights to minimize energy consumption.

As of 2013, the firm conducted an energy consumption assessment in our offices and followed all recommendations to reduce power consumption.

Transportation

Employee Commute

We installed stationary racks for three bicycles inside the building. One employee commutes on foot 3.2 miles per day round trip. The firm has a liberal policy for commuters to allow for periodically working from home. Our office is conveniently located in Baltimore City, within the York Road corridor, making it possible for employees that want so, to commute on bus or to ride to work.

Efficient Business Travel

The firm proactively seeks to conduct teleconference sessions for projects and for interview rehearsals - both of which conventionally involve a large number of people from many different offices - not only locally, but also nationally.

Fleet Vehicles

One of the partners drives an environmentally sensitive hybrid vehicle.

Water

Water Conservation

We installed a waterless urinal in the office.

Other



Penza Bailey Architects is a recognized expert in sustainable design. We have been invited to lecture at regional conferences by representatives from the Maryland Office of Planning, the American Planning Association, Preservation Maryland and the Annapolis Historic Commission. The two most popular panel sessions that we have been asked repeatedly to present are: "Green Preservation Green Alphabet Soup: Start Dates/End Dates/Mandates/Rebates," and "Green Preservation: Benefits and Challenges."

Member of USGBC

Maryland Green Registry Member since 2009

Profile Updated July 2013



Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.

Learn more at www.green.maryland.gov/registry

