

Bulletin

The Official Publication of the Washington Building Congress | **January 2009**

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Happy New Year!

From Everyone at the WBC

Money-Saving Green Roofs p. 6





— WBC 2008 —
Holiday Party



Bulletin

January 2009

Washington Building Congress is a nonprofit association made up of professionals from a variety of disciplines, all with an active interest or involvement in the Washington Metropolitan Area's real estate, design, and construction community. The organization was established in 1937 to represent the collective interests of its members by providing education and networking opportunities and by promoting the advancement of the building industry. For additional information about membership, joining a committee or the WBC Bulletin, call (202) 293-5922 or visit us on the web at www.wbcnet.org.

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Chairman's Letter



Dear Members and Colleagues:

Thank you to all of our sustaining Washington Building Congress members and welcome to all new members joining us this year. The WBC Board of Directors has been focusing special attention on the quality and value of our outstanding association. I am pleased to report that over the past few months all committees have been meeting on a regular basis and each group is moving forward with exciting plans

for 2009. Since the beginning of the membership year in October, we have held an evening program, a morning seminar, a Hammerheads event, the Holiday Party, Craftsmanship Judging Day and the Winter Networking. Coming up in February we have planned the Hammerheads Lucky Strike networking event and the Joint Utility Seminar. WBC membership support continues to grow and the association is poised for another successful year!

The Program and Education Committee is planning another excellent series programs for 2009. The group started off with the timely Dulles Metrorail and Tysons Development program in October. Over 130 people attended this event featuring Jim Bennett with the Metropolitan Washington Airports Authority (MWAA). The committee followed-up in November with the excellent Building Information Modeling (B.I.M.) morning seminar enjoyed by more than 120 industry professionals. The next event on February 26 will bring back the outstanding Joint Utility Seminar hosted by Pepco. Thank you to the Program and Education Committee, Chair John Gregg (Beacon Group, LLC), Vice-Chair Jim Coleman (Akerman Senterfitt), and Board liaisons John Barron (Foulger-Pratt Construction) and Joe Schall (Pepco).

Another hardworking committee I would like to recognize is Community Services. Under the leadership of Chair Anne Marie Tombros (Exponent), Vice-Chair Winona Leaman (Greenman-Pederson, Inc.) and Board liaison Steve Sullivan (Forrester Construction Company), this group is off to another very productive year. The committee has been focusing on several initiatives, including the Ft. Belvoir Holiday Adopt-A-Family/Operation Sugar Plum program, the Holiday Party Children's Book Drive, the Payne Elementary Hearing and Vision Clinic, Rebuilding Together 2009 and Miriam's Kitchen 2009. Additionally, in December the 2008 Builders' Ball/WBC Foundation donated a record \$272,000 to local charities, surpassing the \$1,000,000 mark in total contributions. WBC members give back to the community in a big way!

The 53rd annual WBC Craftsmanship Awards program, "Quality Craftsmen Build America", garnered an impressive 301 entries this year. The Craftsmanship Committee has a fantastic series of activities planned over the next two months, including induction of the second class into the Craftsman Hall of Fame. On January 14, 37 teams made up of 185 judges evaluated all Craftsmanship entries based upon creative ingenuity, precision and special skills. I would like to extend a special thanks to all of the judges who dedicated a day of their valuable time. Please join us for the always spectacular Craftsmanship Awards banquet on Friday, March 27, where we will be individually recognizing over 350 deserving men and women. If you have not already done so, please also take a moment to review the great sponsorship opportunities highlighted in this edition of the Bulletin.

I look forward to seeing you at an upcoming WBC program or event. Thank you for your support and participation.

Best regards,

Paul Varela

WBC Chairman of the Board

**Special Thanks to Our
2009 Corporate Sponsor**



Industry Report

Whitenhill Joins WDG Interior Architecture As Director of Quality Assurance



William Whitenhill

WBC member, WDG Interior Architecture has announced that **William E. Whitenhill**, AIA, ASID, LEED AP, an architect and interior designer who has a diverse

portfolio in major corporate, commercial, and federal government projects, has recently joined the firm as director of quality assurance.

Whitenhill has held senior management and design positions with leading architectural firms in Chicago, Denver, and Washington, DC. He brings more than 35 years of experience in directing large-scale projects, including urban office towers, corporate headquarters, government offices and conference centers. Registered in both architecture and interior design, Whitenhill has expertise in due diligence, feasibility studies, marketing, contracts, programming, design, and project management. He has worked on projects throughout the U.S. and in Europe and the Middle East.

Whitenhill holds a Bachelor of Architecture from the University of Illinois, Urbana. He is a member of the American Institute of Architects and the American Society of Interior Designers. Whitenhill also is a LEED AP through the U.S. Green Building Council.

Jackson and Le of Goodman & Company, LLP Pass CPA Exam

Goodman & Company, a WBC member is pleased to congratulate Tysons Corner senior associates, **Emily Jackson** and **Khan D. Le**, on successfully completing all four parts of the CPA examination.

Jackson is a James Madison University graduate with a Bachelor of Science Degree in Accounting. She has two years experience in public accounting, working in both audit for not-for-

profit organizations and government contractors, and tax for many different businesses and individuals. Jackson was also a member of Beta Alpha Phi, an accounting fraternity at JMU.

Le earned both a Bachelor of Science Degree and Master's Degree in Accounting from Virginia Commonwealth University. She specializes in Individual tax preparation for not-for-profit organizations, government contractors, and small businesses.

New Hires at Goodman & Company, LLP

The Rockville office of WBC member, Goodman & Company is pleased to announce the recent hire of **Lori C. Charlebois**, CPA, as a senior manager, **Frank J. Illig, III**, CPA, as a tax manager, and **Sarah C. Graham** as a supervisor. In the Tysons Corner office **Roberta J. Boyle**, CPA, was hired as a supervisor.

As an active certified public accountant in Maryland, Charlebois has over 17 years of public accounting experience, specializing in providing audit services to clients. She specializes in audits of financial institutions and employee benefit plans with emphasis in internal controls of all industries. In addition, Charlebois owns a consulting practice, and teaches various types of continuing professional education classes to CPAs.

As a certified public accountant in Virginia, Illig has over 25 years of experience in accounting and tax, most recently with a real estate investment trust. He specializes in the real estate and construction industries, and is an active member of the American Institute of Certified Public Accountants.

Graham has eight years of accounting experience, specializing in QuickBooks consulting, internal audit, and outsourced financial services for not-for-profits, international organizations, small businesses and high net worth individuals. Prior to joining Goodman & Company, Graham formed and gained experience working for her own bookkeeping and consulting practice, The Graham Group, Inc.

Graham is a member of the American Institute of Professional Bookkeepers and a member of the QuickBooks Pro Advisor Program.

Boyle has nine years of experience in public accounting, including four years in the private industry. Within these years, Boyle has worked for clients in industries such as construction, not-for-profit, real estate, medical practices, 401(k), architecture firms, and ski resorts. Prior to joining Goodman & Company, Boyle worked for a number of other accounting firms in the Northeast, including one Big Four. She obtained her Bachelors in Accounting from Northeastern University, and Masters in Finance from Fordham University.

Virginia Chamber Names Goodman & Company, LLP Member of the Month

The Virginia Chamber of Commerce has chosen WBC member, Goodman & Company, LLP as "Member of the Month" for November-December 2008. Featured members are chosen based on the accomplishments and contributions made to Virginia's economy. Goodman & Company recently announced a three-year, \$300,000 commitment to the Chesapeake Bay Foundation (CBF). This gift will establish the "Goodman & Company Student Leadership Fund," that will be used by CBF to expand its environmental education programs for middle and high school students in Virginia and the metropolitan Washington, DC area. CBF's award-winning environmental education programs provide on-the-water, hands-on field experiences for students and teachers and foster environmental knowledge, leadership, and stewardship.

In addition, Goodman & Company continues to support the future of the accounting profession by providing an annual scholarship through a \$100,000 endowment to support the VSCPA Educational Foundation, as well as contributing over \$21,000 to the Austin M. Cloyd and Matthew G. Gwaltney Doctoral Scholarship fund, designed to honor the victims of the Virginia Tech

tragedy of 2007. In honor of their 75th anniversary, they pledged a \$250,000 combined donation to 13 area schools and the Virginia Foundation of Independent Colleges.

Partnered with the Virginia Chamber of Commerce, Goodman & Company is also a signature sponsor for the annual “Fantastic 50” competition, an award program recognizing the 50 fastest-growing companies in the state.

Goodman & Company, LLP Partner, Scott Brezler, Appointed as SECAF Treasurer

Goodman & Company, a WBC member is pleased to announce that Tysons Corner Partner, **Scott M. Brezler**, CPA, has been elected onto the Board of Small and Emerging Contractors Advisory Forum (SECAF) as Treasurer. Formed in 2001, SECAF is a not-for-profit organization committed to building a wholesome government contracting community. SECAF offers networking opportunities and educational programs aimed to support contractors in growing business. Brezler has practiced as a certified public accountant since 1991 and heads all financial accounting services for the Government Contractor Services Group of the firm. He has experience in identification of accounting deficiencies regarding application of technical accounting procedures and reporting disclosure requirements under Generally Accepted Accounting Principles. Brezler obtained a Master’s Certificate in Government Contracting from the George Washington University, and has been recognized by Virginia Business Magazine as one of Virginia’s Super CPA for several years.

Salisbury University Takes First Place in Goodman Accounting Challenge

One of the two teams competing from Salisbury University took top honors in the final competition of the 2008 Goodman Accounting Challenge, held November 7-9, in Richmond. This year

marks the seventh year of the WBC member Goodman & Company’s – Goodman Accounting Challenge, an interactive and educational competition created to promote the integrity of the accounting profession and recognize outstanding accounting students.

University of Virginia (UVA) took second place in the competition, followed by teams from American University, a second team from Salisbury University and Mount Saint Mary’s University. The top five teams vied for the winning title as well as cash rewards for individual team members and their respective schools. The winning team was awarded \$2,500 for the school’s accounting department, and each team member earned \$1,500 for their participation. The second-place winner, UVA, won a total of \$1,500 for the school and \$1,000 for each team member. Third place winners, American University won a total of \$1,000 for the school and \$500 for each team member and fourth and fifth place teams won a total of \$750 for the school and \$100 for each team member.

Goodman & Company has recently unveiled a new marketing strategy that focuses on recruiting young talent and supports the education of future accounting professionals. In addition to hosting the Goodman Accounting Challenge, the firm has announced a \$250,000 commitment over three years to numerous area colleges and universities, including the Virginia Foundation of Independent Colleges.

The gifts from Goodman & Company will be used to support the schools’ Accounting Departments and to provide student scholarships, computers, research materials or any other items deemed necessary to support the growth of their respective Accounting programs.

Knarr and Spencer at Pierce Associates Awarded LEED A.P. Certification

WBC member, Pierce Associates, Inc. is pleased to announce that **Keith Knarr**, manager preconstruction services and **James L. Spencer**, vice president – commissioning and quality control, have

received their LEED Accredited Professional certification. The LEED A.P. certification is awarded by the U.S. Green Building Council to individuals who successfully demonstrate their knowledge and understanding of the LEED process.

Pierce Associates Churm and Miesowicz complete MCAA Institute for Project Management

WBC member, Pierce Associates’ Assistant Project Managers **Tristan Churm** and **Bryan Miesowicz** recently completed the first of two weeks at the MCAA Institute for Project Management course at the University of Texas in Austin, TX. The Institute for Project Management is a comprehensive course, specifically designed for the mechanical project manager that is offered by the Mechanical Contractor’s Association of America.

Ponchione Joins Structure Tone as Director



Brett Ponchione

Brett Ponchione

has been named director of operations for Structure Tone, a WBC member in Washington, DC. Ponchione has overall management, technical, safety and

quality responsibility for Structure Tone projects performed in the region encompassing Washington, DC, Virginia, and Maryland. A seasoned construction professional, Ponchione has over 26 years of experience. His major project experience includes the construction of corporate offices and complexes, as well as hospitality, retail and cultural structures, including Chevy Chase Plaza, Fairview Park in Falls Church, McLean Hilton Hotel, Rockville Crowne Plaza, Somerset Crossing in Manassas, and several renovations for the Church of the Latter Day Saints.

Ponchione comes to Structure Tone from Triad Construction, an entrepreneurial construction firm he founded in

Industry Report

1989. As President of Triad, as well as Three Rivers Construction, Ponchione oversaw daily operations of the firms. He was deeply involved in business development, estimating and project management activities. Before starting his own business, Ponchione was vice president of design and construction for Abrams & Associates in Bethesda, MD. Prior to that, he served as construction manager for Cadillac Fairview Urban Properties in Falls Church, VA. Ponchione began his career in construction with Turner Construction as a field engineer. He received a bachelor of science degree in civil engineering from Carnegie-Mellon University.

McKay at Mona Electric Group, Inc. Promoted to Chief Executive Officer



David McKay

Mona Electric Group, Inc. is proud to announce the promotion of **David F. McKay** to chief executive officer. McKay joined WBC member, Mona in 1987 and has over

30 years of industry experience. After coming onboard as a Project Manager in the Construction Group, McKay's strong leadership led to his promotion to vice president of construction in 1993. He has previously held the positions of chief operating officer and president within Mona's organization. Under McKay's leadership, the company has continually increased market share, while steadfastly adhering to the quality of service that Mona has been known for since 1966. As chief executive officer, McKay's responsibilities include guiding all of Mona's diverse groups, consisting of: Service, Construction, Life Safety, Special Projects Group, Voice/Data/Video, and Security Systems.

In addition to leading Mona towards increased prominence in the marketplace, McKay is also the vice chairman of the Board of Directors



Downtown Silver Spring, Silver Spring, MD

at Mona and finds additional time to serve on the boards of numerous organizations, including: NECA Labor Management Committee, WBC Board of Governors, The Joint Apprenticeship and Training Trust Fund, and has been past Chairman of the Electric Roundtable. Mona recognizes the continued challenges facing today's Electrical Contracting Industry and has no doubt that David McKay will continue leading Mona to exceed market demands while continuing to provide our clients with superior service.

Foulger-Pratt Wins National Award for Smart Growth Achievement

Foulger-Pratt is pleased to announce the Downtown Silver Spring Redevelopment project has won the U.S. Environmental Protection Agency's 2008 National Award for Smart Growth Achievement in the Overall Excellence category. The EPA created the National Award for Smart Growth Achievement in 2002 to "recognize outstanding approaches to development that benefit the community, public health, and the environment."

As published in the EPA's brochure announcing the winners, "Downtown Silver Spring Redevelopment is a thriving example of what can happen when smart

growth is used to rejuvenate a struggling commercial area."

The project was recognized because of the public private partnership between Montgomery County, Foulger-Pratt Development, Argo and The Peterson Companies in the redevelopment of the area that formerly had a vacancy rate of 39% for offices and 25% for stores. The area has now been re-energized by building 400,000 square-feet of retail while incorporating historic landmarks, and adding 248,000 square-feet of office space, 200 hotel rooms, 1200 residential units, plus structured parking and ample transportation options all surrounded by pedestrian friendly walkways and streetscapes. Today the vacancy rate is between 3-5% for both offices and retail, and transit ridership to the Silver Spring Metro station has increased substantially.

New Employees at Hankins and Anderson

Hankins and Anderson, Inc., a WBC member announces the following new employees:

- **Stephen D. Butler**, AIA, LEED AP, has joined the Project Management Department. Butler was formerly with Commonwealth Architects.

- **Gabriel J. Velasquez** has joined the Life Safety Department in our Glen Allen Office. Velasquez was formerly with Smith Group.
- **Wayne Morrissette, P.E.**, has joined the Electrical Department. Morrissette was formerly with EDGES Engineering Inc.
- **Kristin Kerridge** has joined the Mechanical Department. Kerridge was formerly with Matrix Consulting Engineers.
- **Louise D. Clark** has joined the Electrical Department. Clark was formerly with McKinney and Company.
- **Alexander Bobowiec** has joined the Life Safety Department. Bobowiec was formerly with Code Consultants Inc.
- **Erich Flessner, P.E.**, has joined the Project Management Department. Flessner was formerly with Hunsaker & Associates.
- **Scott Keblusek, EIT**, has joined the Civil Department. Keblusek was formerly with Bay Design Group.
- **Mike J. Goodman, RCDD, CPD**, has joined the Electrical Department. Goodman was formerly with MJG Associates LP, dba Castle Networks of Colorado.
- **Angela Lilly, P.E.**, has joined the Civil Department. Lilly was formerly with City of Elmhurst.
- **Rolando Concepcion** has joined the IT Department. Concepcion was formerly with Bay Design Group.

SIGAL Construction Receives Award of Merit

SIGAL Construction is proud to receive an Award of Merit in the Green Project category by the Mid-Atlantic Construction Best of 2008 for the Mortgage Bankers Association Headquarters recently completed at 1331 L Street, NW Washington, DC. In addition to receiving LEED Gold Certification for the buildings core and shell, the Mortgage Bankers interior achieved a LEED-CI Silver rating from the U.S. Green Building Council (USGBC).

Some of the sustainable features of the building include 30% more efficient water systems, enhanced energy systems and controls, and Forest Stewardship Council certified wood. The construction of the

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Guy J. Razzi, P.E., Principal

interior space also utilized recycled and regional materials and products as well as products that emit low levels of Volatile Organic Compounds (VOCs). Additionally, SIGAL diverted 75% of the construction waste from landfills, which were recycled or reused, and implemented an Indoor Air Quality Management Plan during construction and prior to occupancy of the space.

SIGAL would like to thank the architect involved with this project, the SmithGroup located in Washington, DC and the Mid-Atlantic Construction Magazine for recognizing its outstanding work in the Green initiative. **B**

1331 L St., Washington, DC



Feature Article



A new, non-vegetative green roof on Bon Wit Plaza in Washington, DC, home to many students from George Washington University

Green Roofs That Save You Some Green

By John Francis

As the economy continues to decline, building owners and property managers are looking to cut costs. But many of them do not want the cost-cutting to come at the expense of having to give up their environmental protection efforts. So it may be time to explore green options that actually save money. Incorporating green building elements into a property can be eco-friendly while also saving money in the long run. The green roof is a good example of this.

Property owners and managers are starting to discover that the installation of a green roof can be a smart financial decision, just as driving a hybrid car and installing energy-saving light bulbs can make monetary and environmental sense for individuals. A primary reason to consider installing a green roof is its superior insulation, which helps to reduce continuously climbing energy bills. It comes as no surprise that the Energy Information Administration, in its August report, predicted that prices for heating oil and natural gas will continue to climb. A green roof in place can minimize the economic burden of costly energy year over year.

When considering a green roof, compare the details. Most traditional roofs use polyisocyanurate (ISO) insulation, which can lose its R-value, or ability to insulate. The R-value of ISO insulation is difficult to measure for any length of time because of thermal drift, resulting in heat loss and increased energy consumption. But a properly designed green roof will employ an extruded polystyrene (XPS) insulation that is guaranteed by the manufacturer to hold 85 percent of its R-value for 30 years, allowing building owners and managers to calculate their energy-savings for decades.

Another financially sound reason to consider installing a green roof is tax breaks. As of August 2008, at least eight states and 22 localities have endorsed green policies. While some of these locations simply require that new government buildings be constructed in line with US Green Building Council's (US-GBC) LEED standards, others give tax breaks and expedited permits to green buildings. A few policies, such as one in Maryland's Baltimore County, present tax credits to builders for green construction. While installing a green roof alone may not make a building eligible for tax breaks, it will qualify the building for significant points through the LEED system.

What makes a roof a "green roof?"

A "green roof"—sometimes called a planted roof, is often defined as a roofing system that is topped with vegetation. Although this definition is not all-inclusive, as explained in this article, planted

Feature Article

roofs do have numerous environmental benefits, in addition to the energy cost savings due to the superior insulation.

A significant benefit of planted roofs is that they reduce storm water runoff. This reduction of water runoff is a result of the planted roof actually absorbing the water, which has its own benefits. In many cities, water runoff would otherwise wash into, and often pollute, nearby bodies of water. Because this is a problem often caused by traditional roofs, many municipalities across the US are considering, or have already instituted a tax on excessive storm water runoff to offset the cost of expensive water treatment programs. But a green roof with 2.5-inch deep soil retains approximately 67 percent of rainwater. During a major rainstorm, which generates about 1.25 gallons of water per square foot, the roof will generally absorb a half gallon of water per square foot (about 40 percent). Because planted roofs do so much to minimize the storm water runoff problem—they are often exempt from the tax or may qualify for a reduced tax.

Another benefit of having vegetation on the roof is that it helps to stabilize the temperature of the roof, which decreases overall energy consumption and results in lower cooling bills. For example, on a 90 degree day, a conventional black roof is about 170 degrees and a reflective white roof will range between 110-120 degrees. In comparison, a vegetative roof will actually be a little cooler than the temperature outside.

Green roofs for less green

Vegetative, or planted, roofs have clear environmental and long-term cost benefits, but the immediate cost of an extra \$10 to \$20 per square foot can sometimes deter property owners and managers. The good news is, that there's a green roof option for even the most cost conscious. Having vegetation on the roof is not the only way it can be made green. There are other cost effective green innovations.

NV Roofing, based in Northern Virginia just announced its completion of the first non-vegetative green roof in Washington, DC—on Bon Wit Plaza, an apartment building that rents about 70 percent of its units to students from George Washington University.

The non-vegetative green roof, also called the “clean green roof,” qualifies for LEED points, cuts down on energy bills and is considered green because of its recycled content and sustainability. Its sustainable design that utilizes recycled materials reduces energy costs and also mitigates storm water runoff. It even has a 25 year no-leak warranty. This type of roof uses a waterproofing membrane and environmentally friendly, field proven insulation to achieve optimum performance and sustainability. It is equivalent in cost to a properly-installed standard commercial roof, but unlike a standard commercial roof, it is guaranteed to cut energy costs for decades, is EPA and building code compliant and may qualify for a host of tax benefits. This green roof system is also designed to last more than 40 plus years, well beyond conventional roofs, and can be recycled at the end of its life cycle.

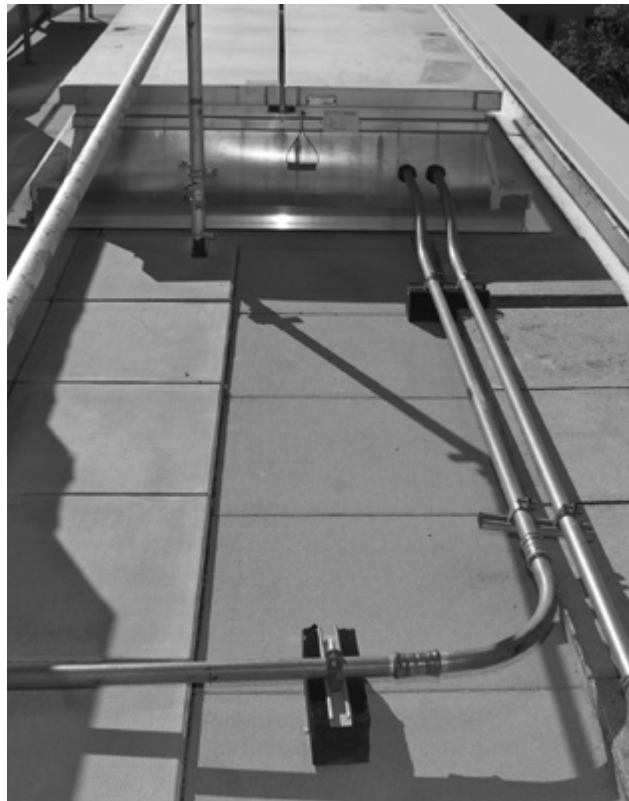
The coal tar based self-adhered membrane is a significant reason as to why the non-vegetative green roof is so environ-

mentally friendly, and yet affordable. This type of membrane has all the benefits of a coal tar pitch roof without the negative environmental and health issues. It outlasts standard roofing membranes by up to 30 years and is fully recyclable. Many roofs are installed using a technique called “hot mopping,” which, in heating up tar, emits toxic fumes, known as volatile organic compounds. The method does not comply with current EPA regulations. However, the self-adhered coal tar membrane forms a structural bond with the substrate and is water tight within minutes, without the negative environmental impact.

There are other options for the budget conscious on the “conventional roof side,” but some of the green benefits are lost such as storm water management and sustainability. Thermoplastic (TPO) roofing, any white roof system approved by Energy Star, and even a ballasted EPDM roof can have some green properties to them. Even if the immediate costs of a planted roof or non-vegetative roof are too high, there are other affordable options that are partly green for which a building owner can be eligible for some LEED points.

Tips for identifying the best solution for you

Going green has been much the buzz over the last few years, and the roofing industry is certainly providing its share of solutions to a better environment. But for every viable and truly beneficial green option, there are a slew of products that claim to be green but that actually provide little environmental benefit and are even sometimes found to be defective.



Feature Article

The US Green Building Council publishes LEED guidelines that can help property owners and managers determine which building elements are actually environmentally friendly. But it's difficult for the organization to stay constantly on top of all the changes in the construction industry. The USGBC is planning to introduce early next year a new generation of design standards, which will include specifications for the latest developments in roofing design. In the meantime, consumers have to do much of their own research in order to determine the best green roof provider in their area.

The first question to ask the green roofing installer is what type of roofing membrane they specify for green roof applications. Most membranes, including those used for green roofs, are conventional roof membranes designed to be exposed and to shed water. A conventional roofing membrane applied to a green roof will most likely result in premature roof failure due to the fact that a green roof by definition holds and controls the water, and the conventional roof membranes are designed to shed water quickly. Most manufacturer warranties state that ponding water will void the warranty.

Another key question in green roof design pertains to roof load. Many green roofs can weigh up to 35 lbs. per square foot. The extra weight can exceed the amount that the roof deck is able to support, causing unforeseen problems. A properly designed green roof system should only weigh up to 18 to 22 lbs. per square foot (when super saturated).

A final issue to discuss with an installer is the type of insulation specified in the green roof design. As mentioned before, the traditional ISO insulation quickly loses its ability to retain heat. Make sure the installer uses XPS insulation, which has a guaranteed R-value and will help reduce energy use for decades.

Your local US Green Building Council chapter is a good place to start when trying to identify a reputable green roof installer in your area. It provides a list of area contractors that specialize in green design, available online at www.usgbc.org. Extensive information on corporate, sales and property tax breaks, rebate programs, grants and loan programs, and other financial incentives for going green can be found at www.goodtobegreen.com and www.dsireusa.org. You're likely to find that much green can be saved by implementing green and sustainable energy initiatives into your buildings. **B**



John Francis

About the Author

John Francis is the 2nd generation owner and CEO of NV Roofing. His company has provided residential and commercial roofing solutions in the DC metro area since 1963. John is the leader in the local green roofing movement. NV Roofing installs field-proven vegetative and non-vegetative green roofing systems, which utilize recycled materials and last more than 40 years. For more information about NV Roofing visit www.nvroofs.com.



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Thursday, February 26, 2009

Registration/Breakfast 8:00-8:45 a.m.

Panel Program 8:45-11:00 a.m.

Learn the basics of what's required to get through, from filings to service installations.

Get your projects service connections completed on schedule in a timely and efficient manner. Further information and registration at **wbcnet.org**.

Member Projects



Groundbreaking for Capital Area Food Bank. From left to right: James Fennelly, Jair Lynch Companies; Geoff Marshall, Turner Special Projects; Delores Walston, Turner Special Projects; John DiFiglio, Turner Special Projects; Andrei T. Banks, McDonald, Williams, Banks Architects + Planners; Toby Eshenauer, Turner Special Projects.

On October 28, 2008, **Turner Special Projects** attended the groundbreaking ceremony for **The Capital Area Food Bank** (CAFB). Turner Special Projects was selected to perform general contracting services for the new facility that will help build a sustainable facility to address hunger concerns for years to come. The ceremony took place at 4900 Puerto Rico Avenue, NE which is the site of the new food distribution warehouse. The food bank is building and renovating its distribution center to address the increasing need in the Washington, DC metro area. The CAFB serves approximately 383,000 people through its 700 nonprofit partner agencies; however the need in the region is about 633,000 residents and growing. The new 125,000 square-foot structure will increase capacity to about 40 million pounds of food per year and will include an expanded refrigerator and freezer space so the food bank can store more fresh produce, meat, dairy products and other perishables. Environmentally-friendly “green” features are in the plans, including \$1 million in solar panels and other equipment donated by BP America. The new distribution center is scheduled to open in fall 2009 and is expected to achieve a LEED certification.

SIGAL Construction Corporation, a leading Washington area general contractor, has finished construction of the **Georgia Crossing Phase I** project at the corner of Georgia Avenue and University Blvd. in the Wheaton, MD —Central Business District. The 17,000 square-foot project for owner, Anchor Inn Properties, LLC c/o Greenhill Capital Corporation, consisted of the new construction of two buildings with mezzanines in a retail strip center. Additional construction is underway to expand Phase I by adding additional retail bays. SIGAL Construction reached substantial completion in July 2008 and the commercial storefront space is now open to tenants.

SIGAL Construction Corporation, has also been awarded the **Georgia Crossing Phase II** contract by Old Bladensburg Properties, LLC c/o Greenhill Capital Corporation. The project combines with Georgia Crossing Phase I to expand the site at the Georgia Crossing Anchor Inn consisting of the construction of an 11,880 square-foot one-story building of storefront tenant space in the Wheaton Maryland Central Business District. SIGAL Construction anticipates building completion in December 2008.

SIGAL Construction Corporation completed the **facade renovation**

GAFM, LLC c/o Greenhill Capital Corporation. The project, located in the Wheaton Maryland Central Business District, consisted of a complete façade renovation and related framing, reinforcing and rebuilding associated with such work in addition to the installation of the second story windows. Incorporated in the scope of work, SIGAL also completed the new construction of an additional 2,500 square-foot building on Grandview Avenue. GAFM combines with two other projects SIGAL has constructed for owner, GAFM, LLC c/o Greenhill Capital Corporation, to expand the retail in the Georgia Crossing at the Anchor Inn project and incorporate the preexisting Lands of Living Well building. SIGAL completed this project in September 2008.

Tompkins Builders of Washington, DC, was recently awarded a \$98 Million contract by the National Guard Bureau to construct the **Army National Guard Readiness Center Addition** in Arlington Hall Station, VA. This is the second National Guard Readiness Center Tompkins has been selected to build; the first center was completed in 1993. The scope of work includes a new 250,000 square-foot addition to the current Army National Guard Center that is designed to meet all force protection (ATFP) requirements and corresponding site work improvement. Upon completion in 2010, the project will seek a LEED Silver Certification from the United States Green Building Council. This is the third BRAC project awarded to Tompkins Builders. The firm is also constructing the \$50 Million Sustainment Center of Excellence (SCOE) Headquarters in Fort Lee, VA and, as part of a joint venture, the \$477 Million C4ISR Center of Excellence Campus and Headquarters at Aberdeen Proving Ground, MD.

The **Balfour Beatty Construction** team has completed the 30-month construction of the new **Taubman Museum of Art**, a \$45 million, 81,000 square-foot cultural facility designed to visually represent the surrounding mountains and Roanoke’s culture. The new museum is an extraordinary addition to the historic downtown Roanoke,

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VA landscape, featuring space in which the museum will house its growing collection of art, as well as provide for future art awareness and education. The Taubman Museum of Art opened its doors to the public on November 8, 2008, welcoming visitors to its dynamic and flowing spaces. The goal of the project was not only to allow the museum to grow, but also to be an architectural tribute to the city and the Blue Ridge Mountains backdrop behind it. The museum project has earned recognition in design and construction excellence; Balfour Beatty is accepting a merit award from Mid-Atlantic Construction magazine for the magazine's "Best of 2008" Awards program this year. The steel frame structure of the museum incorporated 1,200 tons of steel, carefully erected to accommodate the complexity of the design. To get the curvatures just right, the steel was fabricated with the aid of a three-dimensional model. The complicated steel erection was divided into distinct elements to sequence the construction. The curving arches and atypical angles of the museum's exterior consist of stone, high performance glass panels, stainless steel and zinc metal panels. In addition, various materials were utilized to meet the needs of the individual interior spaces throughout the Taubman Museum of Art. On the first floor, Hokie Stone (purchased from a Virginia Tech owned quarry) on the walls is contrasted with a Turkish travertine throughout the 11,000 square-foot atrium and vestibules. Acoustical plaster and insulation behind perforated zinc were used to meet the acoustical needs of the atrium and adjoining areas. The entire second floor is covered with maple flooring and complemented with a luminous ceiling. There are also several large custom doors which are used to allow easy setup of exhibitions. The doors were incorporated into the walls to visually minimize their appearance when the museum is open to the public. The third floor is constructed over an access floor system that allows the Taubman Museum of Art flexibility with its administrative areas, as well as facilitates the use of an under-floor HVAC distribution system. Specialty contractor,



The Mason Inn, George Mason University, Fairfax, VA

Lorton Contracting Company contributed to the project..

The **Chesapeake Bay Foundation (CBF)** and **Goodman & Company**, a regional certified public accounting firm, are partnering to enhance CBF's outdoor environmental education programs in Virginia and metropolitan Washington, DC. A \$300,000 Goodman investment to CBF during the next three years will establish the Goodman & Company Student Leadership Fund. The fund will be used by CBF to expand its environmental education programs for middle and high school students in Virginia and the metropolitan Washington, DC area. CBF's award-winning environmental education programs provide on-the-water, hands-on field experiences for students and teachers and foster environmental knowledge, leadership, and stewardship. To kick-off the partnership, Goodman & Company employees joined school students participating in CBF field trips in Portsmouth and Hopewell, VA, and Washington, DC, on Friday, November 14, 2008. Also as part of the partnership, all Goodman & Company employees will receive a CBF membership and assist CBF staff and volunteers in select future restoration and cleanup projects. The November 14 student field trip in which Goodman & Company employees participated was on the Potomac River in Washington, DC; on the James River in Hopewell; and on the Elizabeth River in Portsmouth.

The team of Concord Eastridge Inc. and **Balfour Beatty Construction** has

secured a \$53.6 million public-private contract to develop, design and build a 170,800 square foot conference center and hotel facility and related campus road and entrance work on George Mason University's Fairfax campus. Construction on **The Mason Inn** will begin this fall, with completion scheduled for summer 2010. The team, known as University Hotel Partners LLC, combines Balfour Beatty's design-build expertise with Concord Eastridge's project management skills and ability to supply real estate development solutions for clients in the higher education, hospitality and public sectors. Gensler, a firm specializing in architecture, interior design and brand design, is designing The Mason Inn as part of a design-build arrangement with University Hotel Partners. The Mason Inn will help raise the profile of this fast-growing university by providing a high-quality venue for university events, academic conferences and other activities. Consisting of a technologically advanced conference area of approximately 20,000 gross square-feet integrated with a 149-room hotel, the complex will include a restaurant, lounge, ballroom and 11 meeting rooms. The facility will be built to achieve Leadership in Energy and Environmental Design (LEED) certification, and it will be operated by ARAMARK Higher Education Conference Centers to the standards of the International Association of Conference Centers. Metal panels, brick and precast concrete will make up the facade, and there will be many windows to integrate interior and exterior spaces.

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The hotel structure will be built using an innovative system of prefabricated load bearing metal studs that is frequently used in hotel and residential projects of similar size. This construction methodology will improve both the construction schedule and construction pricing. The project also involves building an approximately 80-space parking garage below the conference center, creating 138 surface parking spaces and constructing a new entrance to the campus from Route 123, work that is currently under review by the Virginia Department of Transportation. The complex will be along that new entrance road, in the campus' southwest sector. George Mason University awarded the work under the Public-Private Education Facilities and Infrastructure Act of 2002 (PPEA). The legislation allows public bodies throughout Virginia to partner with the private sector to deliver educational, correctional and other projects. This method has proved beneficial because it uses the relevant strengths of both public and private entities in a collaborative, solution-driven process, said David Birtwistle, a Balfour Beatty vice president of business development. Concord Eastridge and Balfour Beatty provided services on The Mason Inn project over the last year as the design progressed under an interim agreement with the university. JFW Consulting, LLC of Vienna, VA served as the owner's representative through the partner selection, conceptual and design phases. construction subcontractors include **JCM Associates Inc.**, mechanical; **J.E. Richards Inc.**, electrical; and **GHT Ltd.**, mechanical, electrical and plumbing design.

Donohoe Construction Company recently "Topped Out" construction of the concrete structure for the new **Hilton Garden Inn** on Waverly Street in downtown Bethesda, MD. The Hilton Garden Inn Bethesda is a 13-story limited service hotel development, located at the Air Rights Center near the intersection of Wisconsin Avenue (Rt. 355) and Montgomery Avenue (Rt. 410). The hotel will have 216 rooms, a fitness center, indoor pool, meeting facilities, available covered parking in the adjoining garage, and a landscaped plaza area with public artwork dedicated to the community. The hotel is situated within one block of the Bethesda station



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along Metro's Red Line. The mezzanine level of the hotel directly connects hotel guests to over 700,000 square feet of retail and office space located in the Air Rights Center, which is managed by Jones Lang LaSalle. Donohoe Development Company is the project developer for the hotel's owner, Bethesda Hotel Associates LLC. The architect is BBG-BBGM. Donohoe Hospitality Services will manage the hotel upon completion in Fall 2009.

It's not just Santa's little elves that worked hard at Christmas time. It's architects too! Founded in 2006 by **David M. Schwarz Architects, GINGERTOWN** is a one-of-a-kind holiday initiative that brings together the leading architects, designers, and architectural firms in the DC area with building enthusiasts – young and old – to create a town made of completely of ginger bread. And, it's all for a good cause. David M. Schwarz Architects created a new master plan for the magical town of ginger, this year inspired by French and Italian hilltop towns. Like all great master plans, the GINGERTOWN plan has the sense and rhythm of a traditional planned city with communal and civic-minded centers, green spaces and a strong pedestrian culture. But unlike like other towns, the streets of GINGERTOWN are paved in Reeses Pieces and Rice Krispies, and have lamp posts constructed of candy canes. GINGERTOWN's expansive lots allow individual designers and teams to be highly creative as they build essential town structures like city hall, the concert hall, the library, and, of course, the toy store. These structures are trimmed with chocolate, frosting, sprinkles, jelly beans and other edible (and sugary) building materials. This past year GINGERTOWN buildings include designs by: a **RTKL Associates**, and **WDG Architecture**. The hand crafted structures will be donated and put on display at local hospitals, health care facilities and community support organizations to help spread the message of joy and hope during the holidays. 2008 Recipients of the buildings include: National Children's Medical Center, the Washington Home, So Others Might Eat (SOME), The Wendt Center for Loss & Healing, Martha's Table and Hannah House. AIA | DC's Emerging



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David M. Schwarz Architects, the prominent U.S. architectural firm with a thirty-year history, announced the release of its second firm monograph: *David M. Schwarz Architects 2002-2007*. The monograph, penned by architectural writer and author Robert L. Miller, shows how the firm has created work of enduring quality by drawing on traditional elements of style and discovering new ways to apply them to the vocabulary of modern architecture. Among other highlights, the book includes an introduction by Miller entitled “Modern Populist” and an essay by firm founder David M. Schwarz on personal influences and the firm’s process and approach to design. The new 200+ page monograph covers the firm’s body of work from 2002-2007 and features extraordinary photographs of eighteen firm projects including:

- National Cowgirl Museum and Hall of Fame (Fort Worth, TX)
- Beringer Winery (Napa, CA); West Village (Dallas, TX)
- Cook Children’s Medical Center North Pavilion (Fort Worth, TX)
- Dr. Pepper Ballpark (Frisco, TX)
- Schermerhorn Symphony Center (Nashville, TN)
- Chapman Cultural Center (Spartanburg, SC)

A variety images, renderings, floor plans, master plans and descriptive

project overviews offer the reader diverse perspectives and context on the firm’s work. The monograph’s complete presentation allows the reader to experience the architectural choices and details of these iconic buildings and developments in depth. Distributed by Antiques Collectors Club (ACC) and featured in their current catalogue, *David M. Schwarz Architects 2002-2007* will be available in bookstores, design and museums shops, as well as online. The firm’s first monograph *David M. Schwarz/Architectural Services 1976-2001* with a preface by Vincent Scully and an introduction by Robert A.M. Stern is also available through the Antiques Collectors Club catalogue, in bookstores and online.

The **Embassy of Brazil**, located in Northwest Washington, DC, has selected local general contractor, **Grunley Construction Company, Inc.** to renovate its chancery building. Constructed in 1971, the Brazilian Embassy was the first mod-

ern building along Embassy Row. The contract is valued at \$4.6 million, and is scheduled to run ten months. NELSON of Reston, VA will serve as the project manager. The scope of work includes: abatement and select mold remediation; replacement of the existing HVAC and lighting systems; installation of a wet-pipe sprinkler system; removal and replacement of the built-up roofing system; flooring and ceiling replacement throughout the building; and bracing, replacement, and painting of select demountable partitions.

Forrester Construction has been awarded the \$70 Million Design/Build Modernization of **Building W200** at the **Washington Navy Yard**. The project will involve a full gut, renovation, and modernization of Building W200 including structural upgrades as required for ATFP (Anti-Terrorism Force Protection) and seismic criteria; fit out of all tenant spaces; new additions to infill existing lightwell areas; all new building systems such as mechanical, electrical, fire alarm, sprinkler, and telecommunications; new elevators; stair towers; and replacement of windows and roofs. The renovation will result in approximately 250,000 square feet of primarily office space. The modernization includes a goal to be Silver LEED™ Certified by the U.S. Green Building Council (USGBC). The project also includes relocating the Naval Criminal Investigative Service and their Naval Historic Office to temporary swing spaces, demolishing a pedestrian bridge to Building 219, and the addition of 240 parking spaces to Garage 405. Construction is scheduled to be completed by September 2010. **B**



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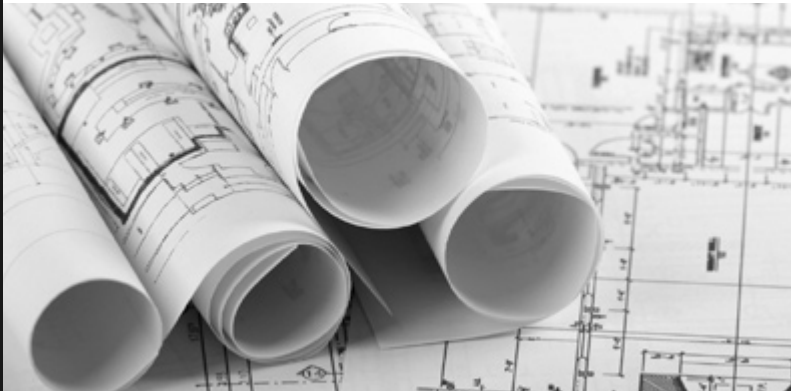
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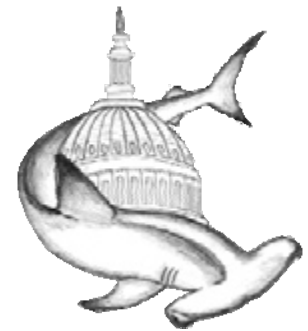
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(Gift for each winning craftsmen)
 - ◆ Table of Ten (10)
 - ◆ Full Page Ad (8.5" h x 5.5" w) in Banquet Program
 - ◆ Company logo on gift box
 - ◆ Acknowledgment During Banquet
 - ◆ WBC *Bulletin* Special Recognition

- Platinum Sponsor - \$4,000**
 - ◆ Table of Ten (10)
 - ◆ Full Page Ad (8.5" h x 5.5" w) in Banquet Program
 - ◆ Acknowledgment During Banquet
 - ◆ WBC *Bulletin* Special Recognition

- Reception Sponsor - \$3,000**
 - ◆ Six (6) Tickets
 - ◆ Half Page Ad (4.125" h x 5.5" w) in Banquet Program
 - ◆ Company logo on Napkins and signage at Bar Station
 - ◆ Acknowledgment During Banquet
 - ◆ WBC *Bulletin* Special Recognition

- Gold Sponsor - \$2,000**
 - ◆ Four (4) Tickets
 - ◆ Half Page Ad (4.125" h x 5.5" w) in Banquet Program
 - ◆ Acknowledgment During Banquet
 - ◆ WBC *Bulletin* Recognition

- Silver Sponsor - \$1,500**
 - ◆ Two (2) Tickets
 - ◆ Quarter Page Ad (4.125" h x 2.125" w) in Program
 - ◆ Acknowledgment During Banquet
 - ◆ WBC *Bulletin* Special Recognition

- Bronze Sponsor - \$750**
 - ◆ Quarter Page Ad (4.125" h x 2.125" w) in Program
 - ◆ Acknowledgment During Banquet
 - ◆ WBC *Bulletin* Special Recognition

Sponsorship categories that are limited are on a first-come, first-served

For more information, please contact the Washington Building Congress at (202) 293-5922. Please fax this completed form to (202) 429-1922 or email to reis@wbcnet.org. Your support will be acknowledged and is greatly appreciated. Thank you!

Company: _____ Contact Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____ Email: _____

My check (made payable to the Washington Building Congress) in the amount of \$ _____ is enclosed.

Please charge the amount of \$ _____ to my credit card # _____

AMEX VISA Master Card Expiration Date _____ Card Security # _____ (call WBC for help)

Name (as it appears on card) _____

Cardholder Signature (required) _____

DEADLINE FOR SPONSORSHIP AND PROGRAM ADS IS FEBRUARY 13, 2009!
(please next page for ad specifications)

WBC Calendar & Advertising Information

Events Calendar

February

- **February 5**, 5:30 – 7:30 p.m.
Hammerheads–Lucky Strike
- **February 11**, 6:00 – 8:00 a.m.
Community Service–Miriam’s Kitchen
- **February 13**, COB
2009 Craftsmanship Awards
Sponsorship Deadline
- **February 24**, 4:00 – 6:00 p.m.
WBC Board of Directors meeting (WBC office)
- **February 26**, 8:00 – 11:00 a.m.
Joint Utility Seminar, Pepco Conference Center

March/April

- **March 11**, 6:00 – 8:00 a.m.
Community Service–Miriam’s Kitchen
- **March 27**, 5:30 p.m.
2009 Craftsmanship Awards Banquet
- **April 8**, 6:00 – 8:00 a.m.
Community Service–Miriam’s Kitchen
- **April 22**, 4:00 – 6:00 p.m.
WBC Board of Directors meeting (WBC office)

May/June

- **May 6**, 6:00 – 8:00 a.m.
Community Service–Miriam’s Kitchen
- **June 10**, 6:00 – 8:00 a.m.
Community Service–Miriam’s Kitchen
- **June 15**, 8:00 a.m. – 5:00 p.m.
Summer Golf Outing, Landsdowne and
Belmont Golf Clubs
- **June 24**, 4:00 – 6:00 p.m.
WBC Board of Directors meeting (WBC office)

2009 Editorial Calendar

The **Bulletin** covers issues of importance to the building industry, news about WBC members and information about upcoming events. The topics listed below will be covered as feature articles in upcoming issues of the **Bulletin**. Persons interested in contributing information or advertising should contact WBC before the third week of the month preceding the issue. To place an ad, submit material or for more information call **(202) 293-5922**.

January

Green Roofs

February

The Builders’ Ball

March

Federal Marketing

April

53rd Annual
Craftsmanship Awards

May

Client Relationship Building

June

Economic Stimulus
Program and Forecast

July/August

Community Services

Sept./Oct.

TBD

November

TBD

December

TBD

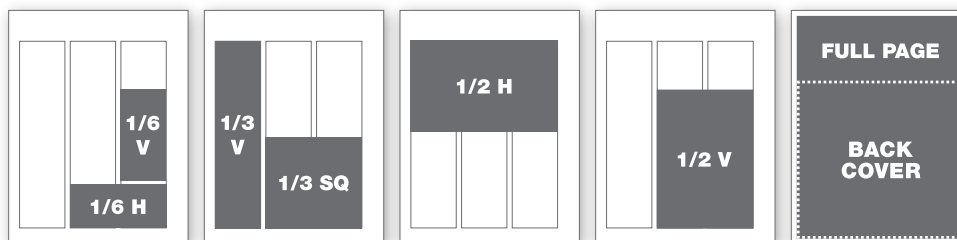
Ad Rates

	1 time	5 times	10 times
Member Rates:			
Black and White			
1/6 horizontal or 1/6 vertical	\$155	\$130	\$110
1/3 vertical or square	\$230	\$190	\$150
1/2 horizontal or vertical	\$430	\$350	\$290
Full-page	\$630	\$510	\$410
Color			
Inside Front Cover	\$730	\$590	\$480
Inside Back Cover	\$730	\$590	\$480
Back Cover	\$830	\$670	\$540

	1 time	5 times	10 times
Non-member Rates:			
Black and White			
1/6 horizontal or 1/6 vertical	\$210	\$176	\$149
1/3 vertical or square	\$311	\$257	\$203
1/2 horizontal or vertical	\$581	\$473	\$392
Full-page	\$851	\$689	\$554
Color			
Inside Front Cover	\$986	\$797	\$648
Inside Back Cover	\$986	\$797	\$648
Back Cover	\$1,121	\$905	\$729

Magazine trim size: 8.5" w x 11" h | Live area: 8.375" w x 10.875" h

Ad Sizes



1/6 horizontal	4.43" w x 2" h
1/6 vertical	2.1" w x 4.2" h
1/3 square	4.43" w x 4.2" h
1/3 vertical	2.1" w x 8.6" h
1/2 horizontal	6.75" w x 4.2" h
1/2 vertical	4.43" w x 6.38" h
Back Cover	8.0" w x 7.5" h
Full-page	8.25" w x 10.75" h
Full-page + bleed	8.5" w x 11" h +1.25" bleed



— WBC 2008 —
Holiday Party

Thanks again to everyone who donated books to "Turning the Page." This year 587 books were collected.



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