

# Bulletin

The Official Publication of the Washington Building Congress | **September 2011**

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*Arlington Mill Community Center*



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# Bulletin

September 2011

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](http://www.wbcnet.org).

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**Washington Building Congress**

1620 I St., NW, Ste. 810  
Washington, DC 20006  
T: (202) 293-5922 | F: (202) 429-1922  
[www.wbcnet.org](http://www.wbcnet.org)

## Chairman's Letter

### Dear Members and Colleagues:



What a great year! Last October, the primary objective of the Washington Building Congress leadership, committees, and task forces was to make certain that the association was successful in addressing member expectations and concerns amidst a very challenging economic climate for our industry. Thanks to a successful collaborative approach, the Association continues to grow and overcome continued economic challenges and will end the membership year on a very strong footing.

On October 1, I look forward to handing over the reins to Paul Mella of Dynalectric who will be taking over as WBC Chairman. I have no doubt his experience will be as personally and professionally rewarding as mine has been. Recently, I shared lunch with our incoming Chairman and we discussed goals and achievements over the past year and the plan for his upcoming term. It is my unequivocal opinion that Paul will truly be a great and refreshing leader for WBC. His plans for the upcoming year coupled with a dynamic new Board of Directors will keep the WBC's positive momentum going.

I would like to take this opportunity to extend a special thanks to all of the dedicated committee and task force members, and particularly our chairs and vice-chairs. Each individual's hard work and commitment of time helped make this year extraordinarily successful. Without each member's ideas and input, we could not have achieved so much and collaborated so successfully. The WBC leadership and staff will continue to address the needs of our esteemed members through the committee/task force process next year. Our goals of increasing Membership growth were shattered by the Membership Services Committee headed by Brett Snyder and Paul Mucci. Our Goal of establishing and growing the Green Building and Small Business task forces were met and exceeded thanks to the efforts of Rob Wenger and Winona Leaman (GBTF) and Anne-Marie Tombros (SBTF). Incredibly, our goal of launching the WBC's new web site that will carry us many years into the future will be packaged and delivered (with a bow) due to the efforts of the Marketing Committee and Katie and Louise Boulton Lear—the dynamic duo. Our continued goal of ongoing Committee collaboration came off without a hitch thanks to Board oversight and open interaction between all committee chairs.

WBC finished a very successful year highlighted by a series of excellent programs and activities.

Thanks to the efforts of Allen Slaughter and Jim Coleman, the 55<sup>th</sup> Craftsmanship Awards program enjoyed an impressive 278 entries and recognized 78 winning projects. A remarkable 1,100 people attended the March Craftsmanship Awards banquet to recognize over 400 individual craftsmen. This year we also inducted the fourth class of craftsmen into the critically acclaimed *Craftsman Hall of Fame*. We had record attendance at each of the trendy general networking and Hammerheads events (way to go Mike Baruccheri and Nina Manguiri) and 560 people enjoyed the Holiday Party. Steve Skinner and Mike Sloan hit a homerun on the golf outing by delivering necessary sponsorship and gathering 330 players for the 74<sup>th</sup> Annual WBC Golf Outing. WBC also held an outstanding series of programs and seminars this year and will continue to focus on bringing the industry together for networking opportunities and professional development on a regular basis next year (thanks to Mike Miskelly and Kevin Coyne). Paul Elias and Dan Peyton cranked the Regional Development Committee into gear by establishing relations with the Crystal City BID and Fairfax County Economic Development Authority. And, Tim Bakos, Jeff Davison and the Community Services Committee organized 62 volunteers to successfully complete our Rebuilding Together project in Springfield, VA and to further our outstanding and ongoing relationship with Food and Friends. I encourage new members and those of you who have not been recently active to volunteer a little time to WBC—the opportunities that will arise from your commitment are priceless. Please see the committee/task force volunteer sign-up form online or contact the WBC office for further information.

If you have not already done so, please be sure to renew your membership within the next few weeks. You recently received your 2011-12 dues invoice, *Industry Index* member listing correction form, *Index* advertisement form, and annual sponsorship information. The WBC membership year runs from October 1 to September 30 each year and annual renewal payments are due September 30. If you have any questions regarding your membership or the WBC, please feel free to contact Rita Reis or Steve Kenton at (202) 292-5922.

*Continued on page 8*

# Industry Report



Matt Bruchey



Mike Carisetti



Jordan Crouse



Don Schlusemeyer

## BE&K Building Group Announces New Hires and Promotions

WBC member BE&K Building Group, a leading general contracting firm located in Vienna, Va., is pleased to announce that **Jordan Crouse** has been promoted to preconstruction manager, **Matt Bruchey** has been promoted to project executive and **Mike Carisetti** has been promoted to project manager.

**Don Schlusemeyer** has joined the firm as senior project manager. Schlusemeyer has over 30 years of experience in the construction industry, specializing in high-rise residential projects.

**Caroline Pritchett** has joined the firm as assistant project manager, **Ryan Rose** has joined the firm as assistant superintendent and Andy Shonnard has joined the firm as assistant superintendent.

## Barbour Re-appointed as Co-Chairman of the Governor's Commission on Small Business

The Barbour Group, a Maryland-based surety brokerage known for its passionate approach to helping small businesses find bonding solutions, announced that President, **Karen Barbour's** term as co-chairman on Maryland's Governor's Commission on Small Business (GCSB) has been extended. The extension of Barbour's term was awarded in recogni-

tion of her on-going commitment and dedication to the inclusion and growth of small businesses in Maryland.

Since being named to the commission in February, Barbour has helped the commission develop sub-committees, including workforce; education; procurement; and regulatory, in order to identify particular challenges that small businesses are facing and develop solutions to resolve them.

## Dixon Hughes Goodman Announces Promotions and New Hires

Dixon Hughes Goodman, one of the region's largest certified public accounting firms, has announced the following promotions in its Tysons office.

**Michael A. Brown, CPA**, has been promoted to senior manager. Brown began his career with Dixon Hughes Goodman in 2002. His primary area of expertise is assurance services for government contractors and employee benefit plans.

**Allison Cohen, CPA**, has been promoted to senior manager. Cohen has been with Dixon Hughes Goodman since 2002. She has experience performing audits, reviews and compilations, and has participated in all areas of planning, risk assessment, testing and reporting in accordance with US GAAP.

**Matthew N. Orton, CPA**, has been promoted to senior manager. Orton has over nine years of experience with tax returns, tax planning, financial statement preparation and analysis, accounting systems, audits, and other matters relevant to business and individual clients. In addition, he has extensive experience in computer support and software development and training.

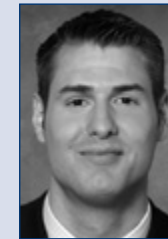
**Tamara L. Vineyard, CPA**, has been promoted to senior manager. Vineyard has over 13 years of experience in the accounting profession with ten years in public practice with accounting firms in McLean, Alexandria and Danville and over three years in the private sector. Much of her experience is focused in the area of auditing and tax work for non-profit organizations, specifically charitable and religious organizations, and profes-



Michael Brown



Allison Cohen



Mike Mardesich



Matt Orton



Tamara Vineyard

sional membership associations, and audits of employee benefit plans.

**Michael Mardesich, CPA**, has been promoted to manager. Mardesich earned a double B.S. with a quadruple major in international business, finance, marketing and logistics, graduating in the Honors Program at the University of Maryland, College Park. He has experience consulting with one of the nation's largest tax credit investors with specific focus on Low Income Housing Tax Credits, American Communities Fund, and Market Rate Equity mortgage based groups.

**Eric B. Crowder, CPA**, has been promoted to supervisor. A graduate of Longwood University, Crowder provides audit and assurance services to several different industries, including government contracting, not-for-profit, financial institutions and employee benefit plans.

**Meghan Dullea** has been promoted to supervisor. A graduate of Virginia Tech, Dullea has four years of experience at Dixon Hughes Goodman, providing audit

and assurance services to government contractors and employee benefit plans.

**Kyle B. Gluth** has been promoted to supervisor. A graduate of West Virginia University, Gluth has over five years of experience providing data mining and analysis services.

**Bushra H. Khan** has been promoted to supervisor. A graduate of George Mason University, Khan has four years of accounting and government experience in the federal and private sector.

**Jennifer Miller, CPA**, has been promoted to supervisor. A graduate of Lockhaven University, Miller has both audit and tax experience in various industries. She first joined Dixon Hughes Goodman in 2008.

**Brandon W. Wilkerson, CPA**, has been promoted to supervisor. A graduate of Old Dominion University, Wilkerson has experience in corporate income tax planning and compliance of privately held companies.

**Ted Choi** has been promoted to senior associate. A graduate of George Mason University with a Bachelor's degree in both accounting and finance, Choi first joined the firm in 2008.

**Kevin Gillis Jr., CPA**, has been promoted to senior associate. A graduate of Virginia Tech, Gillis has two years of experience working in government contracting, real estate and low income housing audits.

**Mark S. Prohoniak** has been promoted to senior associate. A graduate of West Virginia University, Prohoniak has been a member of Dixon Hughes Goodman for three years. He has extensive audit and individual tax experience and works for the firm's finance and accounting resources division.

**Suzanne Stickel, CPA**, has been promoted to senior associate. A graduate of University of Virginia's College at Wise, Stickel has experience in audits of government contractors and not-for-profit organizations.

Dixon Hughes Goodman also announced the addition of government contract consultant Caroline Ane, and associate Eric Krzys, in the firm's Tysons office. Ane is a graduate of the University of San Diego with a business degree. She has five years of previous work experience in

the IT consulting practice. Krzys is a recent graduate of West Virginia University with a Bachelor's degree in accounting.

Dixon Hughes Goodman announced the following promotions in its Rockville, MD office:

**Samita Deery, CPA**, has been promoted to supervisor. Deery has over five years of public accounting experience, including several years at a big four CPA firm. At Dixon Hughes Goodman, Samita specializes in federal and state tax compliance for the real estate industry, as well as individual tax planning.

**Nancy A. Guerra, CPA**, has been promoted to supervisor. Guerra joined Dixon Hughes Goodman in 2008 and began providing accounting, tax and audit preparation services to not-for-profit clients. She has since expanded her service base to include estate and trust administration and tax preparation as well as tax planning and preparation for complex, high-wealth and international individual tax clients.

**Shira Kavanagh** has been promoted to supervisor. Kavanagh has over seven years of not-for-profit accounting experience. She graduated from Bangkok University in 1989 with an accounting degree, and has completed courses toward an MBA at City University in Seattle.

**Michael E. Pierce** has been promoted to supervisor. A graduate of S.U.N.Y., Pierce has over five years of experience in public accounting, focusing on the medical practice industry.

**Katie Verzi** has been promoted to supervisor. A graduate of University of Maryland, University College, Verzi has 15 years of accounting experience in a range of industries, including not-for-profit, healthcare,

real estate, property management, hospitality, law, and title settlements.

**Andrew D. Ferris, CPA**, has been promoted to senior associate. A graduate of West Virginia University, Ferris has two years of accounting and auditing experience within the construction and government contracting industries.

**Shay Meador** has been promoted to senior associate. A graduate of Salisbury University, Meador joined Dixon Hughes Goodman in 2009.

**Vivian Yiu** has been promoted to senior associate. A graduate of The University of Maryland, Yiu joined Dixon Hughes Goodman in 2009.

## Lockton Appoints Conger as Vice President and Producer

Lockton Companies, LLC, the world's largest privately held insurance broker, has added **Steve Conger** to its Washington, DC brokerage team as vice president and producer. The addition of Conger expands Lockton's Washington, DC-based employee benefits practice and Mergers and Acquisitions capabilities.

Conger has extensive experience in developing and creating strategies for clients in the non profit, mergers and acquisitions, technology, telecommunications, life sciences, and financial services industries. Prior to joining Lockton, he was an area vice president in Arthur J. Gallagher's Columbia Maryland office. While there, he was a producer and client advocate, responsible for business development and ensuring client satisfaction for the company's employee benefit clients. Prior to Gallagher he served as

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## Industry Report

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a senior vice president for Willis' Potomac Maryland office in a similar role.

Conger, a 4th generation Washingtonian, has more than 20 years experience in employee benefits consulting, creation, and management of corporate employee benefit programs. Focused on exceeding client expectations, and an unprecedented history in client retention, Conger is a welcome addition to the Lockton team.

Conger holds a B.A. in business management from North Carolina State University. Conger has been involved in numerous civic, business and not-for-profit organization.

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### New Hires at PSI

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**Edward Underhill** has accepted the position of staff engineer with PSI's Fairfax operations office. Underhill is a graduate of the University of Pittsburgh with a B.S. in civil engineering.

**Evan Ruggles**, EIT has joined PSI as a staff engineer based in the Fairfax operations office. Ruggles earned his B.S. and M.S. in civil engineering from the Virginia Polytechnic Institute and State University.

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### Tishman Construction Appoints New Pre-Construction Head for Metro DC Office Operations

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Tishman Construction Corporation (TCC), an AECOM company, announced that **Robert Wenger** has been named pre-construction Manager for its operations in the metro DC area, where he will be responsible for managing all pre-construction activities for clients. Wenger will place special focus on adding value to clients' projects by ensuring accuracy of proposed budgets and schedules, providing value-engineering options for cost-savings and efficiencies, introducing innovations, and reviewing bids received from sub-contractors for comprehensiveness and accuracy.

Wenger comes to Tishman Construction with 15 years of construction industry experience and a degree in civil engineering from Kansas State University. Prior to joining Tishman, he most recently worked for Foulger-Pratt Contracting where he served as a senior estimator. **B**

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## Rising to the Electric Vehicle Trend in Washington, DC

by **Andrew Porter** Executive Director, Washington, D.C. Chapter, NECA

**L**ook around, electric vehicles are everywhere; on the television, in the news and advertisements, on the road and maybe even in the garage out back.

The rising electric vehicle trend is no surprise. With the current gas prices, state of the economy, and government initiatives, the demand for electric cars has grown exponentially in the past year, especially in the Washington, DC area. As the vehicle demand continues to increase, so will the need for charging stations and therefore, certified electricians to install them.

Washington, DC installed its first electric vehicle charging station in November 2010. Since then, the implementation of government programs has increased the need for charging stations in the metropolitan area.

The U.S. General Services Administration (GSA) launched the government's first Electric Vehicle Pilot Program in May 2011. The Electric Vehicle Pilot Program supports a Presidential Memorandum that requires all new federal vehicle purchases to be clean, alternative-fueled vehicles by 2015, to help cut oil imports by one-third by 2025.<sup>1</sup>

As part of the pilot program, 116 electric vehicles will be leased to 20 agencies in five cities across the US, including Washington, DC. The federal government is the nation's largest vehicle fleet operator, with more than 600,000 vehicles. GSA owns and leases about 210,000 vehicles to federal agencies with around 50% of those leased vehicles being alternative fuel vehicles.<sup>2</sup>

The 116 pilot vehicles are expected to save almost 29,000 gallons of gas, reduce greenhouse gas emissions by 257 metric tons, and save taxpayers almost \$116,000 in fuel costs annually.<sup>2</sup>

GSA and government agencies are coordinating the necessary charging station and fueling infrastructure at Federal building locations. With the large and increasing number of electric vehicles expected to be on the road, local electricians are preparing to respond to the demand.

The Electric Vehicle Infrastructure Training Program (EVITP) enables electricians with a good understanding of the National Electrical Code to become certified for charging station installation. To receive EVITP certification, state licensed or certified commercial/industrial electricians, master electricians, or electrical administrators must complete a 24-hour required course and pass a written exam. Program graduates who pass the installer EVITP class are then able to install electric vehicle supply equipment (EVSE) and program graduates who pass the instructor EVITP class can then train other electricians.

The program addresses the technical requirements, safety imperatives, market, economic and business trends, and performance integrity of industry stakeholders. Participants learn how to install, commission and maintain EVSE.

The Washington, DC Joint Apprenticeship Training Committee (JATC)<sup>3</sup> was the first in the metropolitan

## Feature Article



*Top: Electrical charging stations vary by producer and each one needs specific installation care and maintenance. Bottom: Ralph Neidert teaches a class in the Electric Vehicle Infrastructure Training Program at the JATC in the Lanham, Md. facility.*

area to offer the EVITP. Len Bodnar, a principal at Power Concepts, Inc. and a graduate of the first Washington, DC EVITP course said, “Understanding this product and its equipment is absolutely crucial during this momentum stage. While this course is required, it is a benefit to be the first guy on the block to receive advanced knowledge on the technology and business trends.”

While government initiatives point to a changing infrastructure first in the workplace, many electricians believe the trend must begin in the home.

“Charging stations need to be where the electric vehicle is stationed most often, and that is in residential buildings and houses. Logically, workplace charging stations follow and then public arenas,” Bodnar added.

The future of residential charging station installation does raise concern in the electric industry, as far as “do-it-yourself” installation often does. Electricians worry that as the electric vehicle trend increases, home improvement stores may begin selling charging stations that allow consumers to install themselves. Charging equipment for electric vehicles is an electrical installation and subject to the same workmanship and safety requirements as traditional electrical work. Certified electricians ensure delivery of quality installation and customer satisfaction. If not installed properly, it can pose many hazardous safety issues. Many electricians believe that they will have to focus on selling professional installation more in the future.

Larry J. Clark, senior project manager at Freestate and a JATC EVITP instructor said, “Many consumers don’t take into account the serious issues that can arise from a faulty installation. You can’t just read a manual; there are requirements and policies that are changing every day. As electricians, it’s our responsibility to know these to ensure the safety of this trend and its consumers.”

Area electricians have taken the first step in learning all facets of this leading green technology. As government initiatives move towards to alternative fuel-efficient technologies, electricians will be there with advanced knowledge to aid in the response to this transition and help consumers make educated decisions. **B**

1 <http://www.whitehouse.gov/administration/eop/ceq/sustainability>

2 <http://www.gsa.gov/electricvehicles>

3 The JATC is sponsored by Local Union 26 of the International Brotherhood of Electrical Workers (IBEW) and the Washington, DC Chapter of the National Electrical Contractors Association (NECA). The JATC offers apprenticeship programs for electricians and telecommunications. Apprentices receive health and welfare benefits, earn pay for attending class and receive regular pay raises on the job as their skill and experience increases.



**Andrew Porter** As executive director of the Washington, DC Chapter of the National Electrical Contractors Association (NECA), Andrew Porter has worked to make electrical contracting businesses more successful by fostering relationships within the industry; interacting with organized labor; and providing education on the latest trends and technology. Porter

holds a Masters in Business Administration with a Human Resources Specialty from Virginia Tech and a Senior Professional of Human Resource (SPHR) designation from the Society of Human Resources Management.



# WOW! The Electric Car Is Here

by **Pierre Sabourin** Senior Electrical Engineer, GPI/Greenman-Pedersen, Inc.

**M**y first electric car was my toy red, fire engine truck. The manufacturer replaced the push pedal mechanism with a battery-driven electric drive. You got in the truck, drove it to the end of the driveway and back... end of ride. The battery would quickly lose its charge and rechargeable batteries were not available then.

We've come a long way and now electric vehicles for the commuter are available. Are they here to stay? Will the concept take root and be accepted by the general public?

Examples of currently available electric vehicles include the Nissan Leaf, the Chevy Volt, the Ford Vocus Electric, the Mitsubishi iMiEV and more plus a variety of plug-in hybrids. Accenture <sup>(1)</sup> forecasts 1.5 million electric vehicles in the United States by 2015. Over 10 million electric vehicles are possible by 2020, especially if oil prices continue to rise as battery prices fall. Single electric utilities have scenarios for charging over one million electric vehicles in their own service area by 2020. Utilities are also implementing smart grids and incentives for off-peak charging during the night.

Is there an interest for the electric vehicle by commuters? According to a global study <sup>(3)</sup> by Accenture, the majority of the consumers would consider buying plug-in electric vehicles. The study noted that 60 percent of consumers would consider buying an electric vehicle for their next car purchase and within the next three years, 68 per-

cent would probably or certainly do so. While the study was conducted in 13 countries and China is by far the most enthusiastic, findings of the study are a strong indication that the electric vehicle will take root and is here to stay.

These vehicles need charging stations. So far, charging stations are thought of as a dedicated circuit in the home. A full charge is hopefully of sufficient range that a commuter can drive to work and back home on a single charge. Most trips however, exceed the industry's average range on a full charge. The limited full charge range could discourage the consumer, not to mention the premium cost to purchase an electric vehicle. Provision of charging stations at the work place or other local destinations such as a shopping center or mall could motivate a consumer in favor of buying a plug-in electric vehicle.

Projects under design and pursuing LEED certification may consider targeting credits for Alternative Transportation—Low Emitting and Fuel Efficient Vehicles under Sustainable Sites <sup>(2)</sup>. The environmental issues under this credit recognize the fact that the internal combustion engine significantly contributes to the global climate change and air quality problems through the emission of greenhouse gases (GHCs). The benefit of the electric vehicle is that it generates zero GHCs during operation however, the generation of the electricity that the electric vehicle requires varies greatly depending on the electricity fuel source.

Provision of the charging station for the electric vehicle can be an attractive feature of a facility. Municipalities and building owners are starting to provide electric vehicle charging stations. Local application of the electric vehicle charging stations are currently under installation, some under USGBC LEED certified properties. The Department of Energy administers grants to accelerate the development and production of electric



The new electric Chevy Volt

PHOTO COURTESY OF CHEVROLET

## Feature Article



vehicles to substantially reduce petroleum consumption, reduce greenhouse gas production, and create jobs.<sup>(4)</sup>

From an engineering perspective, power supplies to the charging stations would be a design task similar to power supplies to a site lighting system. The magnitude of the load would be determined and distances to the stations measured from the source bus. Design intentions are to assure that feeders to the charging stations are adequately sized and will provide reasonable efficiency of operations after a routine evaluation of the circuit characteristics including voltage drop. This would be an expected engineering exercise if the scope is limited to the few charging stations, here and there.

Currently, the construction cost of the charging station is often absorbed by the building owner. Operating cost for the consumed Kilowatt-hour, perhaps also absorbed by the owner, would be an excellent perk to the commuter owning an electric vehicle. That in itself could favorably influence a potential buyer to consider the electric vehicle, knowing that a charging station is available at the destination.

Now wait just a minute. If the Accenture forecasts are any where near accurate, we're going to have 1.5 million plug-in electric vehicles in the United States in just a little bit more than three years from now. Five years later, that number ramps up to 10 million. While most of these vehicles would be charged from the home, it goes to reason that a significant number of them will need to have access to a vehicle charging station outside the home. Present provision of a few charging stations could fall short of the mark on the basis that the demand would far exceed the supply. Our facilities electrical infrastructure systems are not designed to supply this demand and that presents a whole new set of issues for the building owner.

In consideration for this potential market, multiple questions will be asked and not many of them will be answered. For example, how many vehicle charging stations should be provided? What electrical infrastructure would be required to sup-

ply the load? Should the initial design accommodate just a few and set an expandable infrastructure to accommodate growth? Based on the Accenture forecasts, that growth is 1.5 to 10 or better than 650 percent over a period of five years. The simple engineering exercise illustrated above is not so simple any more. Furthermore and while present provisions of charging stations are low in numbers the related Kilowatt-hour is equally small, the increased provision of charging stations will generate a matching increase in electrical energy consumed. Will facility owners continue to absorb such operating expenses?

There are no hard and fast answers to these questions. We're going to learn as we go and the best way to learn is in small increments and match the market as it evolves. Designs will need to be flexible enough to accommodate the growth and sufficiently resilient to sustain multiple changes in the life of the electrical infrastructure system. **B**

### References

- Clean Fleet Report – Top 10 Electric Car Makers
- USGBC, LEED Reference Guide, 2009 Edition
- Accenture, Study Finds Majority of Consumers Would Consider Buying Plug-in Electric Vehicles, June 6, 2011
- Citybizlist, posted June 21, 2011



**Pierre Sabourin** is a Senior Electrical Engineer at GPI/Greenman-Pedersen, Inc. with 40 years of experience. His project management skills and strategies engage clients from project start through close out, providing engineering assessments of facilities and outlining options and benefits where clients can process informed decisions. If you have any questions, please contact Pierre at 240.268.1842 or [psabourin@gpinet.com](mailto:psabourin@gpinet.com).

### Continued from page 1

Lastly, I would like to take this opportunity to extend a very special thanks to our loyal staff members, Steve Kenton and Rita Reis. Their continued professionalism and dedication to the organization is remarkable.

It has been my honor to serve as WBC Chairman of the Board over the past year and I look forward to your continued support of our outstanding association. Thanks again and let's keep our association growing even stronger next year!

Best regards,

**Chuck Asmar**

WBC Chairman of the Board

## Member Projects

**The Walter Reed National Military Medical Center** achieved LEED Gold certification in the LEED for New Construction rating system for a state-of-the-art medical facility that operates around the clock and uses high-energy medical equipment.

Under a design-build contract awarded by the Naval Facilities Engineering Command, **Clark/Balfour Beatty**, a joint venture, created the Walter Reed National Military Medical Center on the campus of the National Naval Medical Center in Bethesda, Md. Design efforts were led by **HKS Architects**, executive architect. Design-build partners integral to achieving LEED certification include **Southland Industries** (mechanical) and **M.C. Dean** (electrical). The \$826 million project included new construction as well as expansions and renovations to existing hospital facilities. The Walter Reed National Military Medical Center was created through the Base Realignment and Closure Act of 2005.

The new construction work that is LEED Gold certified (the renovation work was not submitted for LEED certification) consists of America Building, Arrowhead Building, and Patient Parking Garage. America Building is a 560,000 square-foot, six-story outpatient facility providing services for cancer patients, amputees and other outpatient clinical needs. This is the largest outpatient medical building in the military health system. Arrowhead Building (Building B): 165,000 square-foot, four-story addition to the existing hospital housing emergency in-patient services. Patient Parking Garage is a 939-space, eight-story parking structure located to the east of Building A.

The Navy required LEED Silver for this project, but the design-build team voluntarily went beyond that, earning Gold by achieving 43 points, 30 percent more than required for Silver.

**Lend Lease** was selected by Home Properties, Inc., a publicly traded REIT with operations primarily in selected Northeast and Mid-Atlantic markets, to be their Contractor for **Cobblestone Square Apartments**, a newly devel-



*HITT Contracting Inc. Breaks Ground on Arlington Mill Community Center.*

oped class-A apartment community located in historic Fredericksburg, Va.

Construction of the eight, four-story buildings, housing 302 one and two bedroom apartments, began in 2011 and will be completed in the first half of 2012. The Cobblestone Square Apartments offers residents high-end amenities and a convenient location close to Old Town Fredericksburg and mass transit options including the Virginia Railway Express (VRE). The site also includes an historic railroad depot building that is being renovated and will contain 12 additional apartments.

**HITT Contracting Inc.** broke ground on **Arlington Mill Community Center**, a \$28 million, five-story, 55,000 square-foot building, comprised of a full-size gymnasium and a 110,000 square-foot two-story, underground, cast-in-place garage for Arlington County, Va. Upon completion it will include a fitness center, numerous multi-purpose rooms, community learning center, retail space, an outdoor public plaza, and playground. The community center will feature a contemporary façade of metal panel, glazing and curtainwall.

Targeting LEED Silver certification, the project will include a rain harvesting cistern, abundant regional

landscaping, a green roof, and low-flow plumbing fixtures. HITT Contracting Inc. is scheduled to complete the community center, gymnasium, and plaza during the summer of 2013. The schedule includes early delivery of the north side of the garage, which will serve as a pedestal for a proposed 122-unit multi-family project for the Arlington Partnership for Affordable Housing.

HITT Contracting Inc. recently completed the first phase of the Battlefield Parkway extension in Leesburg, Va. The first phase included opening two-way traffic on the northbound lanes of Battlefield Parkway between Fort Evans and Edwards Ferry Roads, as well as installing traffic signals at the intersection of Battlefield Parkway and Edwards Ferry Road. HITT Contracting completed this work one week ahead of schedule. This 3/4 mile road extension and intersection improvement is the last link of the almost six-mile thoroughfare from the Dulles Greenway to Route 15.

HITT Contracting has also recently completed road widening, storm drain improvements, and signalization improvements on Random Hills Road and Waples Mill Road in Fairfax County, Va. In Washington, DC, HITT has completed road widening,



## Member Projects



*GPI Awarded Barlow Building Electrical Infrastructure Systems Replacement.*

storm drain improvements, and the construction of additional turn lanes on Loughboro and Dalecarlia Roads.

Integrated marketing communications firm, **Frost Miller Group (FMG)**, has been hired by Affinity Center International, a new Washington, DC area-based business, to develop all aspects of its marketing and promotion.

Frost Miller has developed ACT's corporate website and begun public relations, social media, advertising and direct marketing campaigns. FMG planned and promoted the company's 'public launch' at ASAE's Annual Meeting & Exposition August 6<sup>th</sup>-8<sup>th</sup> in St. Louis. FMG designed booth graphics, developed pre-show, at-show and post-show promotion, planned booth activities and premiums and coordinated all on-site activities.

**GPI/Greenman-Pedersen, Inc.** is providing electrical engineering design services to replace the existing electrical infrastructure/electrical systems of the **Barlow Building** at 5454 Wisconsin Avenue, Chevy Chase, Md. The 270,000 square-foot, 17-story Barlow Building was built in 1966 and renovated in 2004. It is a mixed-use, office and upscale retail building including medical tenants and an athletic facility on the top floor.

GPI prepared an initial Feasibility Study for Carr Properties to investigate the options of replacing the existing infrastructure while maintaining the facility operational through construction. A sequence of work defined in the study stages temporary electrical equipment in vacant areas of the existing Electrical Room to allow replacement of the service equipment and power up new components of the distribution systems. Maintaining power to the building during normal business hours is paramount so that occupants, tenants, and commercial/retail users can maintain operations while transitioning from existing infrastructure to temporary power and to the new service and power distribution equipment. GPI will provide construction documents suitable for competitive bidding, permitting, and construction to implement recommendations of the study. GPI will also provide construction administration services. **B**

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## Company

### Goldin & Stafford, LLC

9475 Lottsford Road  
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(p) 301-925-9600  
(f) 301-925-9637  
www.goldinandstafford.com  
bmattingly@goldinandstafford.com  
Representatives: **Brian A. Mattingly**  
and **Sid Chapman**

### Western Branch Diesel

12011 Balls Ford Road  
Manassas, VA 20109-2408  
(p) 703-369-5005  
(f) 703-369-4972  
www.westernbranchdiesel.com  
Representatives: **Michael Miskelly**  
and **Chris Nowinowski**

## Small Business

### ISM Services, Incorporated

103A West George Street  
Carmichaels, PA 15320-1209  
(p) 724-415-9842  
(f) 724-415-1337  
www.ism-corp.us  
Representatives: **Matthew W. Anderson, PE**  
and **Paul D. Williams, Jr.**

## Company Profiles

### Goldin & Stafford, LLC

Goldin & Stafford performs full service excavation and demolition projects in the Washington metro area. Since our founding 20 years ago, our focus is on customer satisfaction. We are proud of our repeat business and professional reputation. Goldin & Stafford provides pre-construction services, schedule and safety analysis, aggressive execution of our projects from the inception to final punch lists. G & S provides our expertise to the most difficult sites in the region with the goal of a safe and successful project for everyone involved.

### ISM Services, Incorporated

ISM Services is a small business incorporated in the state of Pennsylvania. With offices in Carmichaels, Pa., and Purcellville, Va., ISM is quickly establishing itself as a leader in services to the federal government. The ISM operational model is broken down into four elements; asset management, program management, design and engineering support, and systems integration. At ISM, we recognize that our future is based on our ability to establish and maintain long-lasting relationships with our customers, employees and business partners. Therefore, we strive to deliver cost effective, superior products to our customers on every project.


### Western Branch Diesel


Western Branch Diesel is a family owned company that was started by Mr. Herb Haneman in 1946. We have eight branches throughout the eastern United States. Our primary markets are constructions, on-highway, power generation, mining, and oil and gas. We sell and rent diesel generators as large as 3250kw as well as all associated gear. We represent MUT Onsite Energy/Detroit Diesel generators.



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# WBC Calendar & Advertising Information

## Events Calendar

### September

- **September 21**, 11:30 a.m. – 12:45 p.m.  
Community Services Committee Meeting  
WBC Offices, Washington, D.C.
- **September 27**, 5:30 – 8:30 p.m.  
Fall Kickoff / Bull & Oyster Party  
Columbia Country Club, Chevy Chase, Md.

### October/November

- **October 15**, 10:00 a.m. – 12:00 p.m.  
WBC Community Service  
Food & Friends, Washington, D.C.
- **October 19**, 6:00 – 8:00 p.m.  
WBC Networking — Octoberfest  
Biergarten Haus, Washington, D.C.
- **November 19**, 10:00 a.m. – 12:00 p.m.  
WBC Community Service  
Food & Friends, Washington, D.C.
- **November 19**, 6:30 p.m. – 12:00 a.m.  
2011 Builders' Ball  
National Building Museum  
Washington, D.C.

### December

- **December 13**, 6:00 – 8:30 p.m.  
WBC Holiday Party  
Congressional Country Club, Potomac, Md.
- **December 17**, 10:00 a.m. – 12:00 p.m.  
WBC Community Service  
Food & Friends, Washington, D.C.

## 2011 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

Members Giving Back

### Feb./Mar.

Wellness in the Workplace

### April

Craftsmanship Awards

### May/June

Big Development Projects

### July/August

Community Services

### September

Electric Vehicle Charging Stations

### October

New WBC Board

### November/December

TBD

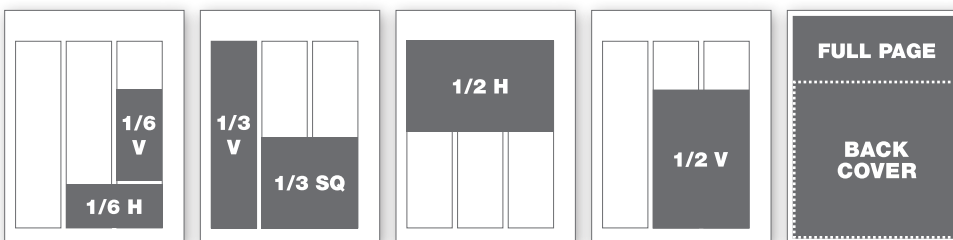
## Ad Rates

	1 time	5 times	10 times
<b>Member Rates:</b>			
<b>Black and White</b>			
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
<b>Color</b>			
Inside Front Cover	\$730	\$590	\$480
Inside Back Cover	\$730	\$590	\$480
Back Cover	\$830	\$670	\$540

	1 time	5 times	10 times
<b>Non-member Rates:</b>			
<b>Black and White</b>			
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
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<b>Color</b>			
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 +125" bleed



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## Project Highlight

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**Walter Reed National Military Medical Center, Bethesda, Md.:** This project achieved LEED Gold certification in the LEED for New Construction ratings system—an impressive feat for a state-of-the-art medical facility that operates around the clock and uses high-energy medical equipment. On July 20, the project was named Project of the Year—New Construction by the U.S. Green Building Council National Capital Region Chapter.

Under a design-build contract awarded by the Naval Facilities Engineering Command, Clark/Balfour Beatty, A Joint Venture, created the Walter Reed National Military Medical Center on the campus of the National Naval Medical Center in Bethesda, Md. Design efforts were led by HKS Architects, executive architect; Wingler Sharp, architectural renovation and construction design; and Hartman-Cox Architects, historic preservation. Design-build partners integral to achieving LEED certification include Southland Industries (mechanical) and M.C. Dean (electrical).

The \$826 million project included new construction as well as expansions and renovations to existing hospital facilities. The Walter Reed National Military Medical Center was created through the Base Realignment and Closure Act of 2005. The Navy required LEED Silver for this project, but the design-build team voluntarily went beyond that, earning Gold by achieving 43 points, 30 percent more than required for Silver. *(Contributed by Eric Fulton, Clark Construction Group, LLC and Karen Cotton, EIT, LEED AP, Balfour Beatty Construction).*

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## House of Representatives Seeks to Curtail LEED Funding

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On May 27, 2011, the U.S. House of Representatives passed H.R. 1540, the National Defense Authorization Act for Fiscal Year 2012, which contains two key provisions in Section 2831 related to green design of military construction. The House's actions appear to reflect a growing trend to reduce government spending by limiting the ability of



National Military Medical Center,  
Bethesda, Md.

federal construction projects to achieve energy-efficient building certifications.

First, Section 2831 requires that, by the end of 2012, the Department of Defense (DoD) must submit a report on the energy efficiency standards utilized by the DoD for military construction. This report must include a cost-benefit analysis for adopting ASHRAE Standard 189.1 versus Standard 90.1 for the construction and renovation of buildings and structures, details of the energy-efficient improvements achieved and long-term payback from adoption of ASHRAE Standard 189.1, and cost-benefit and return on investment analyses for DoD funds expended to achieve LEED Gold or Platinum certification. Finally, the report must include a DoD policy for the pursuit of energy-efficient standards and sustainable design for military construction based upon the aforementioned cost-benefit and demonstrated payback analyses.

Second, Section 2831 prohibits the use of DoD funds for 2012 towards achievement of LEED Gold or Platinum certifications, unless the Secretary of Defense submits a detailed cost-benefit analysis for the project. While the project may also be exempted if there is no additional cost for achieving the certification, because achievement of LEED Gold or Platinum certification requires fees be paid to the US Green Building Counsel, this provision may effectively bar DoD construction projects from being able to obtain LEED Gold or Platinum certification for those projects on which the Secretary does not perform and provide the required analyses. The bill has been with the Senate Committee on Armed Services since June 6, 2011

and it will be interesting to see whether and how the Senate modifies Section 2831. *(Contributed by Robert J. Dietz, Esq., LEED GA, Briglia McLaughlin, PLLC).*

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## Free Quick and Easy LEED Credits

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The Sustainable Architecture & Building [SABMag] Continuing Education Program provides LEED AP's with programs that support professional development and associated credentials. Each article that is approved for continuing education provides a technical look at a green building strategy, technology, or case study. In order to qualify for continuing education learning units or hours, you must first read the technical article, and then proceed to complete the short quiz at the end. You must receive 80% on the quiz to record the activity as part of your continuing education. An email will be sent to you and will act as your certificate of completion once you have successfully completed the requirements. There are several articles available. Please visit [http://www.sabmagazine-education.info/usgbc\\_unit.php](http://www.sabmagazine-education.info/usgbc_unit.php) and create an account. You are on your way to earning free, quick, and easy LEED credits. *(Contributed by Winona Leaman, LEED AP BD+C, GPI/Greenman-Pedersen, Inc.).* **B**

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To have your firm's Green Building achievements highlighted on this page, please contact Winona Leaman at [wleaman@gpinet.com](mailto:wleaman@gpinet.com). Your topic suggestions and comments are also appreciated.

WBC NETWORKING

# Oktoberfest

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Please join us on for the Oktoberfest Networking party on October 19.

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