

# Bulletin

The Official Publication of the Washington Building Congress | **April / May 2012**

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2012 WBC CRAFTSMAN

# Hall of Fame

In Recognition of Extraordinary Dedication, Exceptional Skill  
Quality Craftsmanship and Enduring Commitment.

*Congratulations to the 2012 Class of Craftsman Hall of Fame*

## Inductees



Robert Gottlieb



David Thomas



John Vendemia

### **CRAFTSMAN HALL OF FAME INDUCTEES**

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Hermann J. Hambach | Francis L. Martin | Albert "Buddy" McDowell, Jr.  
Ralph Eugene Pearson | Kenneth Spohn | Richard F. Stevens, Jr. | Regis J. Studeny, Jr.  
William Suhrhoff | Ronald Wondoloski | Gerald Whoolery



# Bulletin

April / May 2012

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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*Bulletin is published 10 times a year by Washington Building Congress, Inc. Individual subscriptions are available for \$139 per year. The articles in this publication are the opinions of the authors and do not necessarily represent or reflect the policies or opinions of Washington Building Congress. Copyright 2012. All rights reserved.*



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## Chairman's Letter

### Dear Members and Colleagues:



I am certain you will take pleasure in this special edition of the WBC *Bulletin* featuring the 56<sup>th</sup> Craftsmanship Awards, "Celebrating Quality Craftsmanship." This year we recognized 80 outstanding winning entries out of a near record 292 nominations, along with three exceptional Star Award winners. We also inducted the fifth class of craftsmen into the *Craftsman Hall of Fame*. Over 9,400 deserving men and women have won Craftsmanship Awards over the last 56 years. This year alone, more than 400 craftsmen were individually recognized! Thank you to the 1,000 banquet attendees who supported this terrific industry event, our many sponsors and advertisers that made the event such a great success, and, most importantly, to our craftsmen who are undoubtedly the heart and soul of our industry. The complete list of current and past winners is also available on the WBC website, [www.wbcnet.org](http://www.wbcnet.org).

I would like to personally recognize the 2012 Craftsmanship Awards Committee, Chairman Jim Coleman (Watt, Tieder, Hoffar & Fitzgerald) and Vice-Chair Julie Forsht (Efficient Power Source). Also, thank you to Board Liaisons Lynne Coville (Boston Properties) and Allen Slaughter (Dynalectric Company), and all of the outstanding volunteers who helped make this significant WBC event a success. The Craftsmanship Awards Committee continues to raise the bar each year and the 2012 program was another fitting tribute to our industry.

The Community Services Committee held the 6<sup>th</sup> annual WBC Rebuilding Together workday in Northern Virginia on Saturday, April 28. Thank you to the 50+ volunteers who joined us for this special day of giving back to those less fortunate in our community. The August *Bulletin* will highlight all of the individuals and companies involved with the project and feature some great photos from the workday. Special thanks go to the Community Services Committee, Chairman Jeff Davidson (Professional Service Industries-PSI), Vice-Chair and House Captain Sarah Farrar (Mark G. Anderson Consultants), Volunteer Coordinator Steve Willmann (Mark G. Anderson Consultants), and Board Liaison Mike Baruccheri (Tishman Construction Corporation).

The Small Business Task Force held the well received Prime Subcontractor Showcase, in conjunction with the March St. Patrick's networking event, at McGinty's Public House in Silver Spring. Over 60 small business and non-member guests attended the event, along with 100 WBC members. The guests were provided an excellent opportunity to speak directly with each sponsoring subcontractor firm. Thank you to the Small Business Task Force, Chair/Board Liaison Anne Marie Tombros (Vango Construction Consulting) and Vice-Chair Diana Owen (The Justin Company) for effectively leading the Task Force and for organizing another successful small business event.

Please mark your calendars now for the 75<sup>th</sup> annual WBC Golf Outing scheduled for Monday, June 11 at Lansdowne and Belmont golf clubs. Also take a moment to consider the great sponsorship opportunities available for this premiere industry event, always the best golf tourney of the year. This is an excellent opportunity to showcase your business, entertain clients, and reward key employees. If you are not a player, please join us for the awards reception following the tournament at The Golf Club at Lansdowne.

I look forward to seeing you at an upcoming WBC program or event. Thank you for your active participation and ongoing support of our great association!

Best regards,

**Paul Mella**

WBC Chairman of the Board

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# Industry Report

## GPI / Greenman-Pedersen, Inc. Adds to Team



Tim Martin

**GPI / Greenman-Pedersen, Inc.** is pleased to announce the addition of **Tim Martin**, a senior electrical engineer with 25 years of experience in electrical design and project management.

His design experience includes large corporate office tenant fit-outs as well as high profile data centers, hospitals, and other mission critical facilities. Martin received his Bachelor's Degree in Electrical Engineering from Old Dominion University.



Valerie Parra

**Valerie Parra** has also joined the GPI team. Parra received her Bachelor's Degree in Information Systems from Salisbury University and previously worked as a customer solutions analyst.

She now serves as a corporate network administrator where she provides support for various internal IT systems as well as focused desktop support for the Rockville, Md. and Annapolis Junction, Md. offices.

## Balfour Beatty Signs Agreement with Autodesk, Inc. to Expand BIM Adoption

**Balfour Beatty**, the international infrastructure group, and Autodesk, Inc. (NASDAQ: ADSK), a world leader in 3D design, engineering and entertainment software, have signed a three year, \$12 million agreement that will help Balfour Beatty expand its adoption of Building Information Modeling (BIM). The agreement, one of the first of its kind and size in the infrastructure industry, will enable Balfour Beatty to better serve customers across the world through increased use of BIM, an intelligent model-based process that provides in-

sight for creating and managing building and infrastructure projects faster, more economically, and with less environmental impact. The UK Government will mandate the use of BIM on public building projects beginning in 2016.

Balfour Beatty has already used Autodesk BIM on a number of high profile projects including the San Francisco Bay Bridge, the widening of the M25 outside London, and design and construction for the replacement of Terminal 2 at London Heathrow International Airport. For the new Terminal 2B, the largest ever airside project at Heathrow, the use of BIM helped the company coordinate over 30 active stakeholders through 13 interfacing projects and enabled a peak workforce of 1,600 to complete work, including a 2 km diaphragm wall, the largest in Europe, ahead of schedule.

Through the agreement, thousands of Balfour Beatty users across all international operations will have access to a range of Autodesk BIM solutions including Autodesk Revit software products, AutoCAD Civil 3D software, Autodesk Navisworks software products, AutoCAD software and Autodesk 3ds Max Design software.

Autodesk will provide significant training, support and strategic consultancy through Autodesk Consulting to help Balfour Beatty maximize their use of BIM.

## Local Contractors Prep HS Students for Electrical Careers

Washington D.C.'s **Electrical Alliance** contractors ensure area high school students success in the electrical industry through True High School Real Life Internship Vocational Experience (T.H.R.I.V.E.).

The Electrical Alliance is a cooperative effort between the International Brotherhood of Electrical Workers (IBEW) Local 26 and Washington D.C. Chapter of National Electrical Contractors Association (NECA). T.H.R.I.V.E. started as a summer internship program in 2009 at Electrical Alliance contractor, Truland Systems Corporation, as an effort to recruit and introduce high

school students interested in applying to the electrician's apprenticeship program and has grown with support of general contractors, mechanical subcontractors, and Electrical Alliance members including Truland Systems Corporation, Dynalectric Companies, Freestate Electrical Companies and Nationwide Electrical Services

T.H.R.I.V.E. is now a year-round, stand alone, nonprofit foundation and program that hosts students from Washington, D.C. vocational and/or public charter schools. The program identifies and prepares students by offering a school-year "Introduction to electricity course" and a six-week summer internship, giving students a taste of electricity and electrical construction wiring, and prepping students for the Joint Apprenticeship and Training Committee (JATC) exam.

Students selected for the internship work 30-40 hours weekly, receive pay, evaluations, professional mentoring, community service events, field trips, on-the-job training and weekly tutoring sessions in math and reading.

Program applicants must be 16 years of age, meet GPA requirements, produce negative drug screens results and have exemplary attendance and behavior records. Applicants must then successfully register for the Mayor's Summer Youth Employment (SYEP) and submit an internship application, formal resume, recommendation letters and be interviewed.

The JATC, sponsored by the Electrical Alliance, offers accredited apprenticeship programs that prepare students to excel in tomorrow's electrical industry and continuing education that readies experienced electricians for work on tomorrow's systems. Approximately 100 apprentices graduate each year.

## DAVIS in Motion: Local GC Announces Company-Wide Promotions

**James G. Davis Construction Corporation's (DAVIS)** continued investment throughout its operation has resulted in the largest series of promotions in the company's history, with 49 promotions in total. The highlighted promotions are:

**Carl Hirrlinger**, *Senior Vice President.*

As Senior Vice President, Hirrlinger is responsible for the commercial, technical, and lab interiors market sectors. Hirrlinger's relentless pursuit of quality across the board is evident in every DAVIS project he has supervised over the past 23 years. He is active in a number of professional associations including Washington Building Congress (WBC), where he currently serves on the Board of Directors.

**Kevin Clark**, *Vice President—Government Interiors.* As Vice President of Government Interiors, Clark is responsible for the government interiors market sectors. A DAVIS veteran of 14 years, Clark has been instrumental in making DAVIS a market leader in specialized construction for government agencies and public sector clients. He has delivered over five million-SF of GSA tenant space, including 25 complex SCIF build-outs.

**Debbi Carter**, *IIDA, LEED AP ID+C, Vice President—Interiors Estimating + Preconstruction.* As Vice President of Interiors Estimating + Preconstruction, Carter oversees the estimating and preconstruction for all divisions of DAVIS Interiors with over 16 years of experience. One of DAVIS' first LEED AP's, Carter's portfolio includes projects ranging from LEED Certified to LEED Platinum. With her help, over 95 percent of DAVIS projects in 2011 were awarded LEED certifications at every level.

**Dominic Argentieri**, *Vice President—Construction Planning + Strategies.* As Vice President of Construction Planning + Strategies, Argentieri works in conjunction with DAVIS' leadership team to determine the best approach for all base building and renovation projects. With a background in large scale, technically complex base building construction, Argentieri has proven to be essential throughout the conceptual and schematic design phases.

**Mark Johnson**, *Vice President—Risk Management.* A risk management strategy expert, Johnson determines the most effective manner to manage DAVIS' exposure to risk, working with industry partners including subcontractors, insurers, and brokerage representa-



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# Industry Report



Dominic Argentieri



Debbi Carter



Kevin Clark



Carl Hirlinger



Mark Johnson



Tyler Moyer



Nathan Tait Nelson

tives. Johnson has completed Chartered Property Casualty Underwriter (CPCU), Associate in Risk Management (ARM), and Institute of Internal Auditors (IIA) coursework and is an active member of The Risk Management Society (RIMS).

**Michelle Christen**, *Vice President–Accounting + Financial Reporting*. Christen’s encyclopedic knowledge of DAVIS’ financial operations and calm consistency are incomparable, and equally valued by both DAVIS and our industry partners.

**Tyler Moyer**, *Leed AP, Project Manager–Integrated Construction Engineer*.

**Nathan Tait Nelson**, *Project Manager–Integrated Construction Engineer*. As part of DAVIS’ Integrated Construction Group (ICG), Moyer and Nelson work directly with the project team to ensure effective implementation of our virtual construction techniques throughout a project’s lifecycle. Daily supervisory functions include assisting with precon-

struction planning phases, creating RFI responses that clearly illustrate construction challenges and solutions, developing 4D project schedules to communicate and optimize construction sequencing, developing 3D models from contract documents, and managing the models created by the design team, subcontractors, and consultants. **B**

## Additional Davis Promotions

### Project Executives

- Seth Grace
- Greg Jasiota, *LEED AP*
- Joel Miller
- Dave Purdy, *LEED AP*
- TJ Sterba, *LEED AP*

### Senior Project Managers

- Andy Cecere, *CPC, LEED AP, BD+C*
- Greg Ghent, *LEED AP, BD+C*
- Mike Kelly
- Brian Nussbaum, *LEED AP*
- Scott Rhoades, *LEED AP*

### Project Managers

- Ryan Adler
- Joe Baker
- Brent Burger, *LEED AP, BD+C*
- Rob Forbes, *LEED AP, BD+C*
- Frank Lefler Jr., *LEED AP*
- Maria Piergallini, *LEED Green Associate*
- Adria Rizzo, *LEED AP*

### Project Managers (cont.)

- Brooke Rogers
- Erik Seubert, *LEED AP, EIT*
- Kate Tanzini, *Project Manager*
- Chris Voros, *LEED AP*

### Senior Superintendents

- Marty Everson, *Senior Superintendent–Technical Construction*
- Dave McIntire

### Superintendents

- Jeff Finley
- Daniel Gummere
- Marke Rawlings
- Chris Newman, *Superintendent–Integrated Construction Engineer*
- Ali Patlak, *layout engineer–Integrated Construction Engineer*
- Milton Gonzales–*Assistant Layout Engineer*

### Other

- Erin Deniker, *Estimating Coordinator*
- Chris Green, *Senior Preconstruction Manager*
- Don Jones, *Senior Estimator*
- Ron Juban, *Vice President*
- Sarah Keene, *PHR, Recruitment Manager*
- Chanel Levy, *Brand Design Manager*
- Dave Masters, *Construction Operations Executive*
- Mike McCaffrey, *Vice President–Safety*
- Jennifer Stecher, *Marketing Manager*
- Chris Sterba, *Information Systems Manager*
- Peter Ukstins, *Director–Quality Management*
- Richelle Weiger, *Learning Technology Specialist*



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# Our Area's Most Talented Craftsmen Receive Industry Accolades

Last Month, Washington's building industry came together at the Washington Building Congress' 56th Annual Craftsmanship Awards event to recognize the area's top craftsmen and women. More than 1,000 participated in the evening's celebration.

"The WBC Craftsmanship Awards Program has certainly come a long way since that day in 1956 when seven craftsmen were awarded certificates of performance on the jobsite," said Paul Mella, WBC's 74th Chairman of the Board. "In the last 56 years over 9,300 craftsmen have been recognized for their craftsmanship on over 2,600 winning projects."

Also, continuing a tradition started five years ago, up to five deserving craftsmen may be nominated by the WBC Craftsmanship Awards Committee and approved by the WBC Board of Directors to be inducted in the Craftsman Hall of Fame. Selection of the Hall of Fame inductees is based on the number of awards an individual has received, the individual's time in the building industry, and other special factors that may be relevant.

"The Hall of Fame provides a prestigious way to individually recognize the 'best of the best' in our industry," said Mella.

The night's three 2012 Hall of Fame inductees were:

- **Robert C. Gottlieb**
- **David W. Thomas**
- **John D. Vendemia**

This year, WBC received 298 nominations in 10 trade categories from site work to finishes. With the participation and support of 181 judges, teams of evaluators went out in early January to evaluate all of the nominated projects. The evaluations were compiled, results tallied, and 80 winning entries were identified based upon the judges' scoring. (A complete listing of the winning projects follows, and a complete list with project descriptions is available online at [www.wbcnet.org](http://www.wbcnet.org).)

Very few companies had winning craftsmen on more than one or two projects, however craftsmen from **Power Solutions, Inc.** were awarded for six projects, individuals from **J.E. Richards, Inc.** were awarded for five projects, and craftsman from four of **Boatman & Maganini, Inc.**'s projects received praise.

**Clark Construction Group, LLC** was general contractor on 15 projects (including five as a Joint Venture partner with **Balfour Beatty Construction**); **HITT Contracting** was general contractor on ten projects; and **rand\* construction**



**corporation** and **The Whiting-Turner Contracting Company** were each general contractors on eight projects.

Following the selection of the award winners, a separate group of Star Award evaluators representing different perspectives and disciplines within our industry was selected to independently evaluate the Star Award nominees. Eight outstanding entries were recommended for this distinction for demonstrating the highest level of quality and exceeding the awards criteria to achieve a level defined as "Exceptional." From these, the Star Award winners for Visual Excellence, Technical Excellence and Excellence in the Face of Adversity were selected.

This year, the Star Award for Visual Excellence was awarded to the team of **Paul J. Garvin, III, Frank Huschitt, III, Eugene Kezy, Matt Riemenschneider, Scott Sherby and Richard Stiers** with **Imperial Woodworking** for their outstanding *Architectural Millwork* efforts at **Square 54**.

**Richard Abel and Martin Ward** with **Connally Contracting Corporation** were honored with the Excellence in the Face of Adversity Star Award for their *Excavations* work at the **Howard Theatre Restoration**.

Finally, the Star Award for Technical Excellence was presented to **Buddy Carter, Benjamin Coffey, Omar Cruz, Brett Friedel, Daniel Harris, and Pedro Rios** with **Scaffold Resource LLC** for their *Scaffolding and Rigging* work at the **Smithsonian Arts & Industries Building Shell Renovation Project**.

Congratulations to all the evening's winner!

# 2012 Craftsmanship Awards

Following are the names of all the Craftsmanship Award winners along with the projects on which they worked, their employers, and where applicable, the general contractors and other key project team members. Star Award nominees are marked with a ★.



## Active Vehicle Barriers

**Jimmy Box, John Henderson, Sam Lee, Stephen Lee, JT Rose, Bill Scrivner**  
- Total Automation Group, Inc.

**Project:** DoD/BRAC 133 at Mark Center, Alexandria, VA  
**Architect:** HKS, Inc.  
**General Contractor:** Clark Construction Group, LLC

The towers' design includes a modular tenant planning system that allows maximum flexibility in order to cater to the 24 tenant agencies and 6,400 employees. The final product consists of seven active vehicle barriers, five traffic control units, four pre-fabricated guard booth structures and various traffic control gate arms. Underground, approximately 3,000 linear feet of conduit tie all moving parts together and centrally locate the controls for features inside the building.

## Bridge

**Moises Araujo, Victor Castro, Jose Escamilla, Henry Gallego, Freddy Rios, Manuel Troitino**  
- Lorton Stone, LLC

**Project:** Humpback Bridge, Arlington, VA  
**Architect:** Federal Highway Administration  
**General Contractor:** Cianbro

All stone on historical bridge was as-built prior to mobilization to site. The stone was carefully salvaged and stored on site because the new bridge is larger than the original. A decision was made to use old tone on elevation facing Washington and new stone facing Pentagon.

**Edwin Aleman, John Houghton, John Marsh, Mark Valentine, Brian Welch, Kevin Welch**  
- Flippo Construction Company, Inc.

**Project:** DC DOT - Chain Bridge Rehabilitation, Washington, DC  
**Engineer:** Parsons Transportation Group  
**General Contractor:** Flippo Construction Company, Inc.

Work on this project consisted of repainting Chain Bridge over the Potomac River and C&O Canal including the pedestrian/bicycle ramp, associated improvements to the pin and hanger assemblies at steel girders, removing existing bridge drainage scuppers and replace, repair all concrete patches, reconstruct approach slabs and expansion joints, repair railing, and replace all electrical wiring and street lights, etc. The demolition of the existing work was extremely difficult considering the excess daily traffic and a work schedule of only 10 a.m.–2:45 p.m.

## Demolition

**Juan Alvarenga, Carlos Castillo, Jose Morales, Jose Pineda, Cesar Portillo, Luis Turcios**  
- ACECO, LLC

**Project:** Ford's Theatre - Center for Education and Leadership, Washington, DC  
**Architect:** Martinez+Johnson Architecture  
**Engineer:** Lundy & Franke Engineering, Inc.  
**General Contractor:** DAVIS Construction

The new center features two floors of permanent exhibits addressing the immediate aftermath of the association and evolution of the Lincoln legacy. While the non-structural demolition was less challenging, the structural required the subcontractor to work in unison with the structural steel trade in order to remove over 54 percent of the typical floors and 60 percent of the lower museum floors. The existing stair tower and fire escape in the building were removed which made vertical access extremely difficult.

## Elevators, Escalators and Other Conveying Systems

**Pat Beach, Thomas Heaton, Justin Herron, John Price, Kevin Shultz, Tommy Sorzano**  
- ThyssenKrupp Elevator Americas

**Project:** New Campus East Headquarters, Springfield, VA  
**Architect:** RTKL Associates Inc/KlingStubbins, JV  
**General Contractor:** Clark/Balfour Beatty, A Joint Venture

This is the largest single project the U.S. Army Corps of Engineers has overseen since the Pentagon was completed in 1943. The project consists of a 2.2 million square-foot office building complete with an eight-story, glass and trapezoidal precast exterior, with a structure steel frame supported by a caisson and spread footing foundation. The complete interior fit-out package included a 50,000 square-foot atrium covered by an ETFE roof. The NCE atrium boasts a nine-story steel elevator tower rising from the center to the west end.

## Historic Restoration

**Ann Gaines, Kevin Jones, Scott Lindsey, Douglas Sanchez, Chris Sherman, Greg Simms**  
- Independent Custom Metalworks, LLC

**Project:** Cast Iron Repair and Restoration EEOB, Washington, DC  
**Architect:** AECOM  
**Engineer:** Wiss, Janney, Elstner Associates, Incl.  
**General Contractor:** Grunley Construction Company

The project was a restoration of 140 year old cast iron on a historically iconic building on the White House grounds.



# 2012 Craftsmanship Awards

## Metal Trim & Custom Copper

**Hugo Aguilar, David Bautista, Jim Daniell, James Garner, IV, Pete Morillo, Fernando Portero**  
- The James Myers Company, Inc.

**Project:** National Museum of Sporting Art, Middleburg, VA  
**Architect:** Hardee Johnston, ALSA  
**General Contractor:** Grunley Construction Company

The museum's ornate metal trim and custom copper panels to the exterior skin were fabricated in Grunley's shop and intricately installed. Workers on the project demonstrated efficiency, indicative of master craftsmen.

## Scaffolding And Rigging

★ **Buddy Carter, Benjamin Coffey, Omar Cruz, Brett Friedel, Daniel Harris, Pedro Rios**  
- Scaffold Resource, LLC

**Project:** Smithsonian Arts & Industries Building - Shell Renovation Project, Washington, DC  
**General Contractor:** Grunley Construction Company

The project displayed precision in the design and installation incorporated in building a temporary scaffolding structure as containment, protection from the elements, and structural support for the vertical walls as structural roof elements were removed in the 70,000 square-foot building. Interior and exterior scaffolding is installed to provide full access to all façade areas for the restoration of the facades and allow roof access as the complete roof membrane is replaced. This is the largest combination of exterior/interior scaffolding for a single renovation project in recent D.C. history.

## Substation Rehabilitation

**Jose Cruz, James Harvey, John Houghton, Mario Morales, Mark Valentine, Brian Welch**  
- Flippo Construction Company, Inc.

**Project:** Dominion Virginia Power - Glen Carlyn Substation Rehabilitation, Arlington, VA  
**Architect:** Mitsubishi Electric Power  
**Engineer:** RT Patterson Co., Inc.  
**General Contractor:** Mitsubishi Electric Power

The overall project involved an expansion and upgrade to the entire substation. The site incorporates working around existing foundations and numerous underground ductbanks and utilities. Electricity flow was needed through the substation, so the project was divided into two phases to facilitate construction while maintaining adequate un-interrupted power supply to DVP's customers. A large portion of the site's excavation was performed using vacuum excavation methods because of inability to utilize traditional mechanical excavating equipment due to the substation transformers and overhead lines.

## Thermal And Moisture Protection

**Jose Cruz, Bruce Davis, Joshua Evans, Collier Kingsbury, Sophannarith Suong, Marvin Wright**  
- Prospect Waterproofing Co.

**Project:** New Campus East Facilities - Main Building, Springfield, VA  
**Architect:** RTKL Associates Inc/KlingStubbins, JV  
**General Contractor:** Clark/Balfour Beatty, A Joint Venture

To meet the project's moisture protection needs, an American Hydrotech Hot Applied Rubberized Membrane (HARM) inverted membrane roof assembly was installed, protected by a covering of insulation and ballast. A Thermoplastic Polyolefin (TPO) membrane roof system was used at several elevations. Nearly 200,000 square feet of Rubberized Asphalt Sheet membrane, HDPE membrane waterproofing and cementitious waterproofing was

used to provide below grade moisture protection. Insulation and drainage board was installed in conjunction with the below grade application.



## **Doors & Windows**

### Curtain Walls

**Troy Holder, Inmer Majano, Ed Short, Kendrick Wilson, Edwin Wood**  
- Tidewater Glazing

**Project:** Founders Square, Arlington, VA  
**Architect:** RTKL Associates Inc.  
**Engineer:** SK&A Structural Engineers  
**General Contractor:** Clark Construction Group, LLC

The system consists of 820 blast designed two-story utilized window walls within vision glass at the floors, spandrel glass at the slabs and decorative metal panels, a main entrance canopy wrapped with metal panels, insulated metal panels at the penthouse and storefront doors. On the interior of the floors, Tidewater created a double rigging system consisting of a dolly and slab anchorage points to ease the units into position from the crates to the floor lay down to its final destination.

**Walter Alvarado, Mike Brooks, Jayson Chilcoat, Tony Messer, Marshall Ring, Marvin Thomas**  
- Galaxy Glass & Aluminum, Inc.

**Project:** Tenley - Friendship Library, Washington, DC  
**Architect:** The Freelon Group  
**General Contractor:** Forrester Construction Company

The curtain wall and storefront systems comprised a majority of the building façade and included a sunshade system. These systems required a high degree of coordination due to their connections to the structural steel and requirement for alignment with concrete/interior building elements. The high quality of workmanship and quality control resulted in a system that achieved the desired aesthetic and functional requirements.

# 2012 Craftsmanship Awards

## Windows and Storefronts

(including glass, glazing and skylights)

**Mike Kelly, Walt Mahadeo,  
Tim Walton**- LINEL Signature

**Project:** Wilson High School  
Modernization, Washington, DC  
**Architect:** cox graae + spack architects  
**General Contractor:** GCS-SIGAL, LLC

The existing 1970's gymnasium building was transformed into a new state-of-the-art visual and performing arts center with 800-seat auditorium and black-box theater. The existing auditorium, power plant, and rose garden were transformed into a new athletics center featuring a main gym. The team underwent numerous value engineering and programmatic changes in the six months prior to the schools temporary relocation. The skylight is a gem of modernization covering nearly ¼ of an acre with two concentric rings and a bowl invert.

**Dave Baker, Carlos Colunga,  
Jim Kerr, John Ross, Eric Russell,  
Andrew Thompson** - Baker & Kerr, Inc.

**Project:** Boston Consulting  
Group, Bethesda, MD  
**Architect:** Aref & Associates  
**Engineer:** GHT, Ltd.  
**General Contractor:** rand\*  
Construction Corporation

This 30,217 interior tenant build-out on two levels has numerous custom installations. The custom millwork and sliding/pivot glass doors with custom hardware and epoxy set glass panels. An open ceiling design keeps an exposed concrete deck in portions of rooms and corridors for balance of depth and sound attenuation. The doors were designed to provide millwork elegance while maintaining the exterior views and day lighting to the interior to match the open architecture of the space and were constructed with a 12-inch wide band of quarter-figured eucalyptus on two sides, and a glass inset for the rest of the field.



## Concrete

### Cast-In-Place Concrete

(including formwork and reinforcement)

**Eusebio Aleman, Freddy Blanco,  
Brad Blouin, Tony Brewer,  
Fernando Reyes, Nester Sanchez**  
- Baker DC

**Project:** National Zoological Park-Seal  
and Sea Lion Life Support, Facility  
and Site Renewal, Washington, DC  
**Architect:** Quinn Evans Architects  
**Engineer:** McMullen and Associates  
**General Contractor:** Forrester  
Construction Company

The LSS building alone required a below ground extension of three sides to an existing structure while controlling a flowing underground stream. Baker got good production during the winter months, which was challenging because the design required the water retaining structures be wet-cured. Baker epoxy-injected cold joints and cracks prior to water testing, ensuring the pools passed the fill tests the first time. The construction of amphitheater seating called for difficult coordination with placement of boulders, and scribing retaining walls to the side of the boulders.

**Amado Martinez, Jose Mejia Ayala,  
Pablo Ocampo, Ramon Rivera,  
Doug Rus, Jose Darwin Santos**  
- Clark Concrete Contractors, LLC

**Project:** 800 North Glebe Road  
Tower, Arlington, VA  
**Architect:** Cooper Carry  
**Engineer:** Structura Inc.  
**General Contractor:** Clark  
Construction Group, LLC

One of the key visual features of the project is a series of floor plate setbacks which occur on the second, fourth and sixth floors on the western face. The facades on the eastern and southern sides of the building are segmented at an equal spacing and are on a radius. The precast and curtain wall façade systems required over 4,800 embeds to be placed in the

slab edge. The structural steel portions of the project required an additional 450 embeds and some of these critical embeds had to be set on a radial slab edge. Clark Concrete completed the 4,000 square-foot slab-on-grade out of sequence.

**Jose Benites, Oscar Echeverria,  
Ron Turley, Jose (Oscar) Umana,  
Edwin Urquilla, Wilfredo Urquilla**  
- Clark Concrete Contractors, LLC

**Project:** U.S. Coast Guard  
Headquarters, Washington, DC  
**Architect:** WDG Architecture, PLLC  
**Engineer:** Cagley & Associates  
**General Contractor:** Clark  
Construction Group, LLC

Nearly 218,000 cubic yards of concrete and 15,000 tons of reinforcing steel were placed. Eleven different tower cranes were required over the project's 18-month structural concrete schedule, with nine cranes simultaneously operating and 325 Clark Concrete employees putting work in place during peak production. A nine-story parking garage and 11-story office building called for a 145 foot change in elevation and Clark constructed nearly 12 miles of foundation walls, and Clark placed 523,000 square feet of mat foundations terracing across seven different levels of the headquarters building.

### Special Concrete Finishes

**Robert Bianchi, Joe B. Campbell,  
Eroll Hanse, Richard Hopkins,  
Jeff Schmuhl, Mike Schmuhl**  
- Cost of Wisconsin

**Project:** National Zoological Park-Seal  
and Sea Lion Life Support, Facility  
and Site Renewal, Washington, DC  
**Architect:** Quinn Evans Architects  
**Engineer:** McMullen and Associates  
**General Contractor:** Forrester  
Construction Company

The rockwork was constructed by spraying shotcrete over mesh-covered steel cages. The cages were designed and made in Wisconsin and given a unique ID number so its location in the project

## 2012 Craftsmanship Awards

could be easily determined once shipped down to the site. The location of the pipe work was carefully coordinated with the cages so that when it was time to set the cages the installation was perfect and conflict free. The first six-inch-layer of concrete was the structural coat and the top two inches was the texture coat.

**Theodore Baker, Robert Crites, Francisco Delgado, Nixon Montiel, David Parada, Nelson Parada**  
- Manhattan Construction Company

**Project:** U.S. Army Medical Research Institute of Infectious Diseases (USAMRIID) Replacement Project, Fort Detrick, MD

**Architect/Engineer:** CUH2A  
Smith Carter J.V.

**General Contractor:** Manhattan-Torcon Joint Venture

One of the many unique aspects of high containment laboratory construction is full height cast in place concrete walls in BSL-4 laboratory areas, with all utilities, door, chemical decontamination showers, air locks, and windows fully cast into the concrete walls, requiring intense and exacting pre-placement coordination. Challenges included the incorporation of 14 custom stainless steel airlocks and chemical showers into the high containment structure. The USAMRIID replacement is the first laboratory to cast these stainless steel chambers integrally with the concrete structure.



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# 2012 Craftsmanship Awards



## Masonry

### Exterior Stone

*(including marble, granite and pavers)*

**Derrec Croom, Melvin Freeland, Francisco (Paco) Lorenzo, Jose R. Lopez, Mauro Narciso, Servin Reyes** - Lorton Stone, LLC

**Project:** Martin Luther King, Jr. Memorial, Washington, DC  
**Architect:** McKissack & McKissack  
**General Contractor:** MTTG

Lorton furnished and installed 50,000 square feet of granite pavers, radius inscription walls, radius planter curbs, water feature stone and visitor center walls in the Washington, D.C. Martin Luther King Jr. National Memorial that sits across the tidal basin from the Jefferson Memorial and adjacent to the memorial on Independence Avenue.

**Antonio DaSilva, Manuel Dobarco, Manuel Moitata, Mauro Narciso, Nelson Portillo, Mark Sanders** - Lorton Stone, LLC

**Project:** Long Bridge Park & Recreation Center, Arlington, VA  
**Architect:** Hughes Group Architects, Inc.  
**General Contractor:** Donohoe Construction Company

The Esplanade walkway follows the CSX railroad tracks and is a manmade earth embankment with sloped stone walls in the center section. The stones consisted of over 1,100 pieces four feet thick and three feet by four feet-, each weighing over 650 pounds sitting in a steel frame assembly and resting on the stabilized earth embankment. Intricate layout and coordination was required between the steel fabricator, stone quarry and stone mason to complete the assembly on a curved radius and pattern. The site's low retaining walls and buildings were clad in the same bluestone pattern with 6,000 pieces of two-inch sized material.

### Interior Stone And Marble

**Thomas Barbee, David Kirby, Juan Rodriguez, Ronald Wondolowski** - Boatman and Magnani, Inc.

**Project:** Undisclosed Client, Washington, DC  
**Architect:** Byrne Design, LLC  
**General Contractor:** HITT Contracting Inc.

This mosaic and marble project consists of six types of meticulously installed mortar set 15 feet diameter mosaic floor inlaid within a splay cut marble flooring and a one foot by two feet staggered joint lobby flooring using Port St. Laurent, Paonazetto Arabescato, Nero Panthera, Honey Onyz and various types of mosaics. Shop and field mitered, vein matched marble columns surround the radial lobby, which posed challenges because the distance between the finished ceiling and finished floor allowed only 1/8-inch of slack for tipping and setting the marble panels without marring adjacent work.

**Edgar Flores, Duane Graham, David Jonke, Juan Villalobos, Shagion Walters** - Rugo Stone, LLC

**Project:** National Rural Utilities Cooperative Finance Corporation, Sterling, VA  
**Architect:** Kishimoto Gordon Dalaya PC  
**General Contractor:** The Whiting-Turner Contracting Company

Rugo Stone installed granite flooring in a 6,800 square-foot atrium. Three different types of stone were installed with leather, thermal brushed and polished finished. Detailed computer modeling and limited field measurements were taken prior to fabrication in order to factory cut each piece of granite to exact measurements. Stone was installed in a radial pattern with 1/8-inch joints that transition to granite steps and a linear pattern on the upper level of the atrium. Stone flooring was also installed in the building's main lobby to match a portion of the atrium area.

**Michael D. Costa, David B. Kirby, Juan J. Rodriguez** - Boatman and Magnani, Inc.

**Project:** 2501 30th Street, NW, Washington, DC  
**Architect:** Barnes Vanze Architects Inc.  
**General Contractor:** Horizon Builders DC, LLC

The Hamman and Spa area project consist of hand clipped marble mosaics, premium Calacutta Marble and French Limestone walls, floors and door casings. The craftsmen were tasked with executing the entire project using old fashioned metal lathe, mortar scratch coat, and a mortar plumb coat application in order to achieve exacting tolerances. The arched ceilings were constructed with a black iron support system shaped with metal lathe and mortar floated to create the designed arched groins that were covered in marble mosaic with precision.

### Unit Masonry

★ **Mike Creger, Jose Sergio Gonzalez, Dave Morgan, Carlos Moreno, Ronald Quevedo, Hector Sosa** - Calvert Masonry, Inc.

**Project:** The Views at Clarendon, Arlington, VA  
**Architect:** MTFA Architecture, Inc.  
**General Contractor:** Bozzuto Construction Company

The all-masonry exterior of the project consists of over 220,000 brick in four colors and over 2,200 pieces of cast stone. A combination of half, full, and jack brick arches are incorporated throughout the lower two church support floors, blending with the existing steeple construction. The façade of the next six residence floors incorporate cast stone bands, recessed brick bands and arches constructed of cast stone and brick. The top two residence floors progressively step back from the lower floors, and include larger cast stone bands and glass fiber reinforced concrete trellises over each main entry.

## 2012 Craftsmanship Awards

**Dave Baker, Heriberto Cruz,  
Jose C. Gonzalez, Armando Pineda,  
Elias Pineda, Andrew Taylor**  
- Calvert Masonry, Inc.

**Project:** Washington Aqueduct  
Residuals Collections and Treatment  
Facilities, Washington, DC  
**Architect/Engineer:** CH2M HILL  
**General Contractor:** Archer Western

The Residuals Collections and Treatment building exterior consists of brick veneer with four intermittent cast stone feature bands. Window and door surrounds are constructed with three corbelled header courses, giving depth and distinction to the openings. The four connecting gravity thickener tanks have two cast stone feature bands and brick to match the Residual buildings. In all, over 333,000 brick and 1,800 cast stone pieces were installed for the building thickeners. The north and south elevations of the upper building utilize radius wall construction to further add to building's architectural distinction.

**Orlando Aguilar, Velija Hurko,  
Mario Medina** - C.A. Lindman, Inc.

**Project:** Wilson High School  
Modernization, Washington, DC  
**Architect:** cox graae + spack architects  
**General Contractor:** GCS-  
SIGAL, LLC

The final design converted the Power House into the mechanical plant and a shared-use fitness center by adding a second level within the same space previously housing two-story boilers. Upon scaffolding the structure, it was discovered all intermediate flashing were deteriorated and the top 15 courses of brick and mortar were failing due to 75 years of water damage. These courses were removed and rebuilt using the same hand-made brick that was purchased for other parts of the project.



### Mechanical

#### Hvac-Piping

**Mike Heinhorst, Albert Ireland,  
Jeff Noyes, Miguel Saba,  
Rob Spallone, Steve Tolson**  
- R&R Mechanical Inc.

**Project:** GeoEye, Herndon, VA  
**Architect:** DBI Architects  
**Engineer:** CAD-CON Consulting  
**General Contractor:** rand\*  
Construction Corporation

The server room is a focal point of the new HVAC system. The main server room is served by: one 300 ton modular chiller; four air cooled roof top condensers, two 25 hp VFD controlled chilled water pumps, five refrigerant pumping units with chilled water/refrigerant heat exchangers; 18 in-row CRAC units; six chilled water source CRAC units, 4,500 feet of copper piping, 1,000 feet of 8-inch welded SCH40 steel pipe, and 2,500 pounds of refrigerant.

#### Plumbing

**Joe Canter, John Carter,  
Ronald Chazin, Marty Fisher,  
Chris Ott** - Shapiro and Duncan, Inc.

**Project:** National Rural Utilities  
Cooperative Finance  
Corporation, Sterling, VA  
**Architect:** Kishimoto  
Gordon Dalaya PC  
**Engineer:** WSP Flack + Kurtz  
**General Contractor:** The Whiting-  
Turner Contracting Company

The National Rural Utilities Cooperative Finance Corporation Headquarters Building's plumbing system exhibits several unique features with its use of reclaimed water, low water consumption fixtures, siphonic roof drainage, high pressure gas, and potable water storage. The building is one of the first in Loudoun County to make use of Loudoun Water's reclaimed water distribution system and the only to use it for fire suppression.

**Michael Branch, Curtis Harris,  
David Holmes, Mervin Jones,  
Kenneth Scott, John Yeatts**  
- Architect of the Capitol

**Project:** Library of Congress, Thomas  
Jefferson Building, Great Hall  
Sprinkler Systems, Washington, DC

Construction Division plumbers employed ingenuity and resourcefulness to accomplish project goals and ensure a seamless meshing of a modern code compliant fire protection system within a historic national treasure. Pilot holes were drilled in the North Gallery through the center of the first head location, and then plumbers laid out string lines in the attic ceiling in order to miss the dome vault ceiling structural beams during core drilling operations. The sprinkler piping was concealed in a cave-like interstitial space above the vaulted Gallery ceilings surrounding the Great Hall.




**Greg Duncan, Chris Gavin,  
Jeff Gavin, Frank George,  
James George, Bill Haller**  
- Southland Industries

**Project:** Walter Reed National Military  
Medical Center, Bethesda, MD  
**Architect:** HKS, Inc.  
**Engineer:** Southland Industries  
(Design Build)  
**General Contractor:** Clark/Balfour  
Beatty, A Joint Venture

There is a large complexity in keeping a 24/7 hospital in operation while minimizing the disruption of the surrounding patients besides the construction areas. The most complicated area on the campus was building 10 and the contract included renovation of levels 3, 4 and 7. There were 1,800 cores, 15,000 feet of pipe, and 100 utility outages to plan and coordinate in order to deliver 125 patient rooms on time without incident.

## 2012 Craftsmanship Awards

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## 2012 Craftsmanship Awards



### Woods & Plastics

#### Architectural Millwork

★ **Paul J. Garvin, III, Frank Huschitt, III, Eugene Kezy, Matt Riemenschneider, Scott Sherby, Richard Stiers**  
- Imperial Woodworking

**Project:** Square 54, Washington, DC  
**Architect:** Gensler  
**General Contractor:** HITT Contracting Inc.

The veneer used for the office front is Swiss Pear Wood. Imperial Woodworking did the selections directly in Europe basically handpicking over 200,000 square feet from suppliers. An additional selection was done in Chicago to make sure that flitches from the same geographical areas were used in the same rooms. The veneer is all book matched and slightly stained to eliminate the red undertone.

**Jeffrey Anderson, Dave Baker, Michael Do, Jim Kerr, Samuel Taliaferro, Jose Vazquez**  
- Baker & Kerr, Inc.

**Project:** Boston Consulting Group, Bethesda, MD  
**Architect:** Aref & Associates  
**Engineer:** GHT, Ltd.  
**General Contractor:** rand\* Construction Corporation

An open ceiling design keeps an exposed concrete deck in portions of rooms and corridors for a balance of depth and sound deflection. The acoustics are enhanced with a fully zoned and adjustable Logison system managed by a central controller and set to a specific acoustical curve. A Skyfold partition divides two conference rooms when the partition is open and individual lighting scenes when closed. The forward thinking design concept for architectural millwork incorporated a variety of textures and finishes while maintaining a common theme.

**Thom Harmon, Keith Hincer, Ted Lloyd, Mark Miller**  
- Patella Woodworking

**Project:** Squire Sanders & Dempsey, Washington, DC  
**Architect:** Alliance Architecture  
**Engineer:** Thornton Tomasetti, Inc.  
**General Contractor:** rand\* Construction Corporation

The project consisted of several different types of finishes from high quality plastic laminate to imported bamboo veneer. One of the main design elements in one of the reception area houses utilized three slab cuts above the reception desk to create a two-story skylight effect. The oval conference room contains opposing bamboo credenzas and wall paneling, all of which tie the exterior panels into the conference room. The ceiling contains perforated and acoustically rated ceiling panels matching the shape of the overall conference room desk.

**Steve Bialek, Luis Martinez, Rodney Metcalf, Eduardo Peraza, Moises Peraza, Rod Register**  
- ISEC, Inc.

**Project:** New Campus East Headquarters (Auditorium), Springfield, VA  
**Architect:** RTKL Associates Inc/KlingStubbins, JV  
**General Contractor:** Clark/Balfour Beatty, A Joint Venture

The William Alder Auditorium is an impressive space of cherry and larch wood veneer wall panels and curved veneered acoustic ceiling panels. The installation of more than 600 wall panels and nearly 50 acoustic ceiling panels and the sweeping contours of the auditorium walls with their crisp lines highlighting intricate elevation changes and the perfectly aligned wall and ceiling panel joints are a floor to ceiling testament to the superior craftsmanship.

**David Benjamin, Ronald Black, Matt Hancock, Don Jackson, Hanh Nguyen, Anthony Quaranto**  
- Jefferson Millwork & Design, Inc.

**Project:** DoD/BRAC 133 at Mark Center, Alexandria, VA  
**Architect:** HKS, Inc.  
**General Contractor:** Clark Construction Group, LLC

The millwork package consisted of several types of wood, veneer, plastic laminate and composite wood as design features. These materials were carefully selected to enhance the curves and lighting designed for the spaces. In addition to the curved feature walls, the elevator lobbies throughout the podium levels were designed to follow the linear pattern of the exterior façade. Integrated with the wood veneer panels were stainless steel panels wrapping the elevator frames and call centers.

#### Rough Carpentry

*(including timber construction)*

**Stewart Knight, John Minihane**  
- Worcester Eisenbrandt, Inc.

**Project:** Robinson Nature Center, Columbia, MD  
**Architect:** GWWO, Inc./Architects  
**General Contractor:** Forrester Construction Company

WEI installed glu-laminated timbers, cedar siding and cedar decking. From the first mobilization, WEI exhibited the utmost dedication to the quality, safety, and schedule. Not only was the timber framing on the critical path of the project, the natural slope of the site cause the majority of the work to be completed from the elevated work platforms or extensive scaffold systems.

# 2012 Craftsmanship Awards



## Finishes

### Ceramic Tile and Terrazzo

**Randall Allison, Robert Broomfield, René Martinez, Fredi Torres, Pablo Torres, Marcos Villafuerte**  
- Boatman and Magnani, Inc.

**Project:** GSA Tenant @ Founders Square, Arlington, VA

**Architect:** RTKL Associates Inc.

**General Contractor:** Clark Construction Group, LLC

This LEED-certified project included the installation of over 6,000 square feet of substrate leveling and Epoxy Resin Terrazzo flooring. Adhering to the architect's design intent, alignment of myriad terrazzo strips with every single stone cladding joint throughout the lobby area was achieved. The Epoxy Terrazzo Floor utilized two inches solid stock bar divider strips and recycled glass chips throughout the floor space to create a visually impressive project.

★ **Limbert Claire, Victor Portillo, Jacinto Torres, Pablo Torres, Marcos Villafuerte**

- Boatman and Magnani, Inc.

**Project:** Squire Sanders & Dempsey, Washington, DC

**Architect:** Alliance Architecture

**Engineer:** Thornton Tomasetti, Inc.

**General Contractor:** rand\* Construction Corporation

The project team conducted extensive research into appropriate terrazzo to meet the requirements of the client and design. The specification for the terrazzo is an epoxy-based product in three separate but complimentary colors. Each product utilized the same finishing process to ensure a lasting finish and low maintenance. The overall design of the project and the theme and design transitions from the floor to the walls and ceilings is fully coordinated. The transitions are carried up through the walls to tie the three elements together throughout the space.

**Luis Bascope, Marco A. Garcia, Dan Hamilton, Edison Nogales, Johnny Veizaga, Marcelo Veizaga**  
- Sandia Ceramics, Inc.

**Project:** 1001 Pennsylvania Avenue Restroom Renovations, Washington, DC

**Architect:** AECOM Technical Services, Inc.

**General Contractor:** rand\* Construction Corporation

All of the existing tile and walls were first demolished and new plumbing was put back in place. The tile layout was the driving factor that all other dimensions within the room hinged on, from ceiling heights to the overall finished sizes of each room. Full tiles were required at both the floors and ceilings thus repairing the overall wall heights to be closely coordinated and monitored. In order to identify the finished floor to ceiling heights, tile mock-ups were installed to set the hold to dimensions so the other trades could install the overhead infrastructure prior to any other work continuing.

### Drywall

*(including framing and finishing)*

**Jose Casteneda, Miguel Casteneda, Luther Laing, Abel Romo, Francisco Velasquez, Ed Wright**  
- Capitol Drywall, Inc.

**Project:** National Rural Utilities Cooperative Finance Corporation, Sterling, VA

**Architect:** Kishimoto Gordon Dalaya PC

**General Contractor:** The Whiting-Turner Contracting Company

Capitol Drywall installed decoustic panels in a circular atrium dome. Coordination was done with the building's structural steel CAD model to manufacture pie-shaped, arched decoustic panels that fit between the domes steel trusses. The panels are manufactured curved to match the curvature of the dome. Panels were set 75 feet from ground level using a platform scaffold. Hanging

cables were installed in a crossing pattern and painted black to avoid being seen from ground level.

**Anselmo Castro, Dulce Martina Guzman - Gymbar Enterprises, LLC and Jorge Castro, Jorge Ferrufino, Martin Marin, Martin Ramirez**  
- Tricon Construction, Inc.

**Project:** DoD/BRAC 133 at Mark Center, Alexandria, VA

**Architect:** HKS, Inc.

**General Contractor:** Clark Construction Group, LLC

Gymbar and Tricon was responsible for installing drywall for more than 1.2 million square feet of office space, including secure walls for tenant demising areas, suite separation walls, miles of secure bulkheads for future flexibility, and the majority of ceilings. This included installation of over 90 tenant entry vestibules and bulkhead and light covered ceilings at elevator lobbies.

**Jose Giron, Cesar Ibarra, Pierre Pomerlou**

- Maryland Applicators

**Project:** Squire Sanders & Dempsey, Washington, DC

**Architect:** Alliance Architecture

**General Contractor:** rand\* Construction Corporation

The project design relied heavily on the drywall installation. The drywall scope of work incorporated many of the themes carried in other trades to provide infrastructure. The ceiling and bulkheads throughout the project provide framing for the design. There are bulkheads and recessed pockets throughout the space that accommodate millwork ceiling panels, specialty light fixtures and diffusers. This design required many transitions in order to maximize the ceiling heights while providing enough room for the needed mechanical, electrical, and plumbing requirements.

## 2012 Craftsmanship Awards

**Danny Castellon, Rick Hensely,  
Joseph Luddy, Troy Millison,  
Moises Ruiz, Jhenry Vargas**  
- Sierra Commercial Construction

**Project:** Vinson & Elkins,  
Washington, DC

**Architect:** Gensler

**General Contractor:** HITT  
Contracting Inc.

The partitions and drywall installation for this project involved plenty of advanced coordination. Much of the drywall installers' work consisted of determining the radius for the curved walls, drywall ceilings, and soffits. Because of this, the partitions and framed ceiling installation was a critical detail for the coordination, fabrication, and placement of many long lead items. Along with charting and installing these curved features, the drywalls have a smooth finish on all surfaces.

### **Flooring**

*(including wood, carpet and resilient floor tile)*

**Leslie Coleman, Katie Schneider,  
Steve Wanamaker**  
- Metro Commercial Flooring

**Project:** Squire Sanders &  
Dempsey, Washington, DC

**Architect:** Alliance Architecture

**General Contractor:** rand\*  
Construction Corporation

The project consisted of woven rolled good, rolled carpet, carpet tile, and rolled resilient flooring. Three different custom carpet tiles for the office and corridor carpeting were installed. Each product is from the same product line with each tile a varying proportion of red. The team utilized full size mock-ups in order to confirm achievement of design intent. Since one type of tile at a time could not be installed, all three tiles were simultaneously weaved into the overall installation. The main pantries throughout the space all received upgraded flooring using a woven VCT product.

### **Plaster**

*(including Stucco and Dryvitt)*

**Kim Dutton, Ivo Koytchev,  
Debbie Pascal, Randi Pascal,  
Angela Ridley, Anna Torre-Smith**  
- ATS Studios, LLC

**Project:** Army National Guard  
Readiness Center, Arlington, VA

**Architect:** AECOM

**General Contractor:** Turner  
Construction Company

The walls in all the common areas on every floor were finished with an Italian plaster known as Marmarino. The process for this plaster finish is a three step application, applied in one seamless application to avoid having seams or joints. Some of the walls were in excess of 50 feet long and 10 feet high. The lined horizontal texture that created a seamless continuous horizontal texture of plaster without creating breaks in the lines was achieved by creating a cut out hand troweled tool.

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## 2012 Craftsmanship Awards

**Scott Campbell,**  
**William Caleb McCuller,**  
**David Riccio**  
- John Canning & Co., Ltd.

**Project:** The Cosmos Club - Warne Ballroom, Washington, DC  
**Architect:** John Milner Associates, Inc.  
**General Contractor:** The Whiting-Turner Contracting Company

Plaster surfaces include the entire ceiling (divided into three coffers), ceiling coves, and the entablature at the top of

the walls. The ceilings and walls also incorporate ornamental cast plaster elements and run-in-place moldings. The particular challenge for Canning was to identify areas of plaster damage, stabilize and salvage as much as possible, and seamlessly integrate areas where new ornamental plaster was required. Canning also successfully made a 48 inches long by 30 inches high section mold of a particularly ornate ceiling cove along the west wall.

**Jimmy Amurrio, Norberto Amurrio,**  
**Oscar Amurrio,**  
**Miguel Angel Agustin Miranda**  
- Eight Brothers Development

**Project:** Chancery Annex for the Embassy of Vietnam, Washington, DC  
**Architect:** Charrette Design, Inc.  
**General Contractor:** Monarc Construction, Inc.

The Chancery Annex Building is a historical building that has been around since the late 1800's and has been abandoned for over 15 years and in poor condition. The building had severe water damage and settlement, but a good portion of the decorative plaster was still in tact. Monarc replicated the existing plaster design in an adjacent area. The first floor of the Chancery consists of a foyer, entrance, large conference room and a reception room.

### Specialty Painting

**Kim Dutton, Ivo Koytchev, Debbie Pascal, Randi Pascal, Angela Ridley, Anna Torre-Smith**  
- ATS Studios, LLC

**Project:** Army National Guard Readiness Center, Arlington, VA  
**Architect:** AECOM  
**General Contractor:** Turner Construction Company

Starting from left to right, one of the crew artisans gently moved across the walls on a rolling scaffold with only the movement of the scaffolding and the steadiness of the artisans hands creating the lined texture. This method was continued until the wall was completed from top to bottom. After each round of application the artisan relocated the notch on the trowel and connected it to the exact notch left on the texture to continue to achieve a seamless continuation of lines from top to bottom.



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## 2012 Craftsmanship Awards

**Michael Deluco,**  
**William Caleb McCuller,**  
**David Riccio, Richard Wagner**  
- John Canning & Co., Ltd.

**Project:** The Cosmos Club - Warne  
Ballroom, Washington, DC

**Architect:** John Milner Associates, Inc.

**General Contractor:** The Whiting-  
Turner Contracting Company

Canning determined that much of the oil gilding at the high coffered ceilings and at the ornate elements at the corners of the room could be conserved. Canning removed over bronze paints at these elements using a solution of Vulpez and methyl ethyl ketone, which was then neutralized using mineral spirits. Once the over paints were removed, Canning in-gild areas of significant loss and rubbed mica powder to fill in areas of small defect.



### Metals

#### Ornamental Metal

**Nathaniel Caldwell,**  
**Pervis McLaughlin, Gary Sebben,**  
**Robert Spiker, Matthew Warren,**  
**Paul Welch** - TSI Architectural Metals

**Project:** Consolidated Forensic  
Laboratory, Washington, DC

**Architect:** HOK

**Engineer:** Larson / W+W Glass

**General Contractor:** The Whiting-  
Turner Contracting Company

The façade consists of a unique, custom and fully engineered glass louvered colt wall and point supported Pilkington wall. This was a joint venture between TSI/Architectural Metals and TSI/Exterior Walls to complete this exceptional façade. The glass louvered façade works from a weather station located on the roof.

**Gary Armstrong, Jamie Barton,**  
**Matt Cloud, Randy Gardner,**  
**Billy Graves,**  
**Phattalangsy Khamvongsa**  
- Extreme Steel, Inc.

**Project:** Ford's Theatre - Center  
for Education and Leadership,  
Washington, DC

**Architect:** Martinez+Johnson  
Architecture

**Engineer:** Lundy & Franke  
Engineering, Inc.

**General Contractor:** DAVIS  
Construction

The steel subcontractor was awarded the installation of two new stair towers in the center and the monumental circular stair tower in the atrium. The renovation of this 10-story, 90 foot long by 25 foot wide historic townhouse created challenges including removal of over 54 percent of the typical floors and 60 percent of the lower museum floors. The main feature of the project is a circular stair tower in the atrium that rises four stories in the first 25 feet of the building.

**Juan Arias, Bruce Delpech,**  
**Melvin Flores, Alex Hernandez,**  
**Prescott Mitchell, Ike Paderna**  
- Accent Architectural, Inc.

**Project:** DoD/BRAC 133 at Mark  
Center, Alexandria, VA

**Architect:** HKS, Inc.

**General Contractor:** Clark  
Construction Group, LLC

The most prominent feature and challenge was the design and installation of the monumental stair. The eight-foot wide curved feature is located in the central corridors and used by the majority of tenants on a daily basis. The stairwell is designed with a central stringer and individual composite threads. The central stringer was delivered and installed in one piece and required very detailed coordination for access hoisting to its final location. Each cantilevered steel tread has a triangular profile reflecting the stair pitch.



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# 2012 Craftsmanship Awards

## **Structural Steel Framing**

**Giovani Gonzales, Murat Koksal, Nader Masnour, Anebal Reyes, Ambioris Santana, Ever Velasquez**  
- Lewis Multz, A Sole Proprietor/PICO, Inc.

**Project:** Wilson High School Modernization, Washington, DC  
**Architect:** cox graae + spack architects  
**Engineer:** ReStl Designers, Inc.  
**General Contractor:** GCS-SIGAL, LLC

The existing proscenium arch was constructed with supporting columns at each side of the arch. The columns at each side of the proscenium arch were removed after the columns and beams above were converted into a truss. Many hours for field splicing and welding were required. Jacks were used to slowly transfer the load after the beams were cut; plates were welded onto the existing columns in order to place the jacks. Since the new steel to re-support the trusses was under the eave of the existing roof line, a plan was devised with temporary seats and chain falls to rig the column and beams into place.



## **Electrical**

### **Lighting Systems**

★ **Michael Breece, Brian Benson, Lee Reed, Michael Simonds, Jerald Shipman, Mike Shipyan**  
- J.E. Richards, Inc.

**Project:** The Hamilton, Washington, DC  
**Architect:** Rust/Orling  
**Engineer:** Face Associates  
**General Contractor:** Forrester Construction Company

The project was constructed in six months with many obstacles that had to be negotiated. There were structural deficiencies and the concrete restoration was significant but the delivery date was not adjusted. This project

contains over 150 step lights on the club level, over 300 tracks for track lighting throughout, and hundreds of recess fixtures in mill work, all controlled by a Lutron Dimming System containing over 150 circuits.

**Al Alepide, Steve Mainey, Bill Rhodes, Ed Rhodes, Craig Semler, Mike Spear**  
- Power Solutions, LLC

**Project:** Children's National Medical Center - CICU, Washington, DC  
**Architect:** Wilmot Sanz  
**Engineer:** Leach Wallace  
**General Contractor:** HITT Contracting Inc.

The CNMC Cardiac Intensive Care project consisted of 26 patient rooms with dual source boom power (A&B Critical) and normal power to non-essential items. This space is unique to the enhanced code requirements of individual homeruns per conduit. This allows for only one or two circuits per conduit making coordination of ceiling space a priority and a challenge. The patient room lighting consists of inner and outer switched 2 by 2's, dimmable down lights and LED night lights all switched in each room. Typically, two electric rooms feed these rooms with a total of twenty panels.

**Jarrone Anderson, Viet Hoai Chau, Donald Robey, Jr., Karl Selle, Michael Simonds, Richard Thomas, Jr.**  
- J.E. Richards, Inc.

**Project:** United Technologies Showroom, Washington, DC  
**Architect/Engineer:** SmithGroup  
**General Contractor:** Jones Lang LaSalle

The project demonstrates exceptional lighting controls, lighting design, and installation.

**Jarreau Anthony, Keith Brown, Osmin Castellon, Nicky Jasso, Joshua Martin, Joshua Welch**  
- J.E. Richards, Inc.

**Project:** Hilton McLean - Phase II Public Area's Renovation, McLean, VA  
**Architect:** TVS Design  
**Engineer:** CHP & Associates  
**General Contractor:** HITT Contracting Inc.

This project required meticulous layout for the chandeliers and linear fixtures mounted in the ballrooms, meeting rooms, boardrooms and banquet rooms. The custom built fixtures did not arrive on site until very late in the project and had to be installed quickly to meet the demanding schedule. In order to complete, the lifting apparatus was customized to mount the fixtures.

**Brad Behm, Blair Bowen, Bill Rhodes, Ed Rhodes, Mike Spear, Jason Walters**  
- Power Solutions, LLC

**Project:** Children's National Medical Center - OR Expansion, Washington, DC  
**Architect:** Wilmot Sanz  
**Engineer:** Leach Wallace  
**General Contractor:** HITT Contracting Inc.

The new OR's are 750 square feet each and equipped with state-of-the-art technology. This is accomplished in part by new Berchtold equipment booms specific to surgical applications. These booms are equipped with surgery oriented task lighting, medical gasses and full audio-visual integration. Each OR contains a Peter Pepper recessed wireless real time clock and surgical count down timer with full digital display. In addition to the lighting booms each OR contains new sealed fluorescent lighting fixtures with strategically placed green phosphorous lamps to better illuminate the surgical field.



## 2012 Craftsmanship Awards

**Miller Araujo, Rick Curl, Fred Fenster, Matt Ward, Randy Whetzel, Jon Whiston** - Dynalectric Company

**Project:** Hunton Williams,  
Washington, DC

**Architect:** STUDIOS Architecture  
**Engineer:** WFT Engineering  
**General Contractor:** HITT Contracting Inc.

This LEED Gold project is a 180,000 square-foot space consisting of multiple floors build-out and includes lighting systems consisting of 9,600 feet of custom linear cove lighting in precise mill work lighting openings, over 3700 fixtures, 65 different fixture types and complex dimming system making this fixture package one of the most complicated systems coordinated and completed within a six month period.

### **Power Generation, Distribution and Switchgear**

**Lester Brown, II, Thomas Cowan, Daniel Groht, John Jenkins, Todd Jenkins, Kyle Murphy** - J.E. Richards, Inc.

**Project:** MedImmune Area  
6, Gaithersburg, MD

**Architect/Engineer:** Kling Stubbins  
**General Contractor:** Tompkins Builders

The power distribution begins with a 13KV outdoor substation fed by two sources from the utility with availability for a third, enabling the client to control on-campus utilities. The outdoor substation feeds three substations in the Area 6 building, two 5K amps in the basement and one 3K amp in the penthouse. There are two emergency systems, two 3 Megawatt 15KV Generators which feed a 15KV amp WP switch gear on the roof, two 2 Megawatt 460 Volt Generators two electric closets per floor, two bus duct systems per closet, and two UPS systems, all connected with cable tray, five-inch GRC, four-inch GRC and all sizes of EMT and cabling.

**Al Alepide, Warde Bremerman, Steve Mainey, Dave Pierce, Bill Rhodes, Ed Rhodes** - Power Solutions, LLC

**Project:** Children's National  
Medicatl Center - CICU Power  
Generation, Washington, DC

**Architect:** Wilmot Sanz  
**Engineer:** Leach Wallace  
**General Contractor:** HITT Contracting Inc.

The project began with a complete unit upgrade consisting of the installation of twenty-two new panels being fed from existing sources. In a four week time frame, a new 1600A normal and standby feeder and a 1600A emergency feed was installed with a 1600A ATS in the penthouse, all while dismantling the previous installation. Two new 1600A switchboards were set in place, custom junction boxes were ordered, and the race was a foot. 5,400 linear feet of four-inch conduit from the penthouse to new switchboards was installed.

**Doug Brode, John Houston, David Rivas, Emerson Rodriguez, Freddy Rodriguez, Mike Rowe** - Singleton Electric Co., Inc.

**Project:** Residuals Treatment  
Facility, Washington, DC  
**Architect/Engineer:** CH2M HILL  
**General Contractor:** Archer Western

Exposed PVC coated rigid conduit was used for 95 percent of the job. Most of the conduit was installed in high areas with large process tanks and cake bins that had to be coordinated. 15KV power was delivered via a 2,700-foot duct bank that ran beside the Dalecarlia Reservoir.

**Derek Clark, John Gianotti, Allan Harrison, Jose Jimenez, Bob Martin, Jerry Pone** - VarcoMac Electrical Construction Co.

**Project:** Sprint RRDC - Electrical  
Power Upgrade, Reston, VA  
**Architect/Engineer:** Black & Veatch Corporation  
**General Contractor:** HITT Contracting Inc.

The 80,000 square-foot Sprint Reston Regional Data Center was upgraded to a (N plus 2), with two new redundant Power Company 2500KVA transformers set in place while the existing three services stayed in place and remained operational. Installation of one new Sholtz custom parallel switchgear and associated control panels that control two new 4000 amp main electrical services, and one existing 4000 amp main electrical service. The switch over of the Data Center CRAC units and roof top condensers to the new service was completed while the facility was in full 24/7 operation.

**Mark Herath, Mark Johnson, Mike Money, Eric Pfeister, Alvin Thompson, Rick Wilkinson** - Freestate Electrical Construction Company

**Project:** Defense Health Headquarters,  
Falls Church, VA  
**Architect:** Gensler  
**Engineer:** GHT, Ltd.  
**General Contractor:** DAVIS Construction

The output of a parallel redundant N+1 static UPS system supports the data center critical load through an A-B distribution system to the rack level. This scheme ensures continuity of service if one UPS were to fail. If utility power is interrupted, the data center MEP systems are further supported by an N+1 diesel engine generator plant with 48 hours of fuel storage. The design team developed a solution to fit the data center in an incredibly confined space and efficiently route the conduit systems through the rest of the building.

## 2012 Craftsmanship Awards

**Vito Casaella, Matt Dawson,  
Brent Vanhorn, Brian Wallace,  
Michael Young**

- Mona Electric Group, Inc.

**Project:** The Washington  
Harbour, Washington, DC

**Architect:** Arthur Cotton  
Moore Associates

**Engineer:** Glassman-  
LeReche & Associates

**General Contractor:** Clark  
Construction Group, LLC

After the Washington Harbour flood, the electrical equipment was severely damaged and unusable. Utilizing at least 50 employees per shift and working around the clock, Mona's craftsmen installed over 60,000 feet of cable to restore power to the condos in just 48 hours and the rest of the complex was restored 24 hours later. Phase 2 involved replacing and restoring the damaged power equipment which included the restoration of the high and low voltage gear in the main electric area, replacing all the light fixtures, branch wiring, conduit, and fire alarm systems throughout the P2 level that had been under water.

**Sam Bumgardner, Chris Carter,  
Michael Devine, William Noel,  
Barry Payne, Michael Whittington**

- Dynalectric Company

**Project:** ACC6 Phase I Data  
Center, Ashburn, VA

**Architect:** DVA Architects

**Engineer:** CCG Facilities  
Integrated Inc.

**General Contractor:** Holder  
Construction Company

The first phase of the 28 megawatt, 220,000 square-foot data center included the entire building shell with all underground electrical rough-in, complete site utility package as well as the completion of six collocation rooms. The electrical gear package of ACC6/Phase 1 included one 1200 amp/35KV outdoor switchgear, six 5MVA/35KV/600V outdoor transformers, 12 3000 amp/600V main switchboards, 12 3000 amp critical switchboards, 12 parallel isolation

switchboards, 12 1300KW rotary UPS line-ups, 12 2250 KW diesel generators, and 20 distribution switchboards.

★ **Greg Boswell, Ray Murphy,  
Steve Popp, Javis Pratt,  
John Sherwood, Eric White**  
- Power Solutions, LLC

**Project:** Undisclosed Customer  
Data Center Build-Out  
(Sterling), Sterling, VA

**Architect/Engineer:** Liberty  
Engineering, LLP

The six POD project was completed in succession with each project having approximately 50,400 square feet of raised floor data center space, two mechanical rooms totaling 11,000 square feet, 15,400 square feet of electrical room space and 11,000 square feet of UPS room space. The projects were completed with less than 50 percent drawings and required close coordination with the engineer, client, and other trades.

**Scott Anderson, Chuck Knaack,  
Eric Marlow, Buddy McDowell,  
Bruce Poetzman, Dan Tabler**  
- Power Solutions, LLC

**Project:** Undisclosed Customer  
Data Center Build-Out  
(Dulles), Sterling, VA

**Architect:** Liberty Engineering, LLP  
**Engineer:** JEK Engineering, LLC

The build-out of two 12,000 square-foot data center POD's and one 4,200 square-foot networking room were completed in succession with each project having a 10 week construction schedule. Both projects consisted of 9,000 square feet each of raised floor data center space, outdoor mechanical equipment and 5,300 square feet of electrical room space for each POD. Both projects were design/build and completed with less than 50 percent drawings.

★ **James Duckett, Tim Edney,  
Sam Holder, Summer Layaou,  
Buddy McDowell, Mike Roberts**  
- Power Solutions, LLC

**Project:** Undisclosed Data  
Center, Manassas, VA

**Architect:** FOX Architects

**Engineer:** JEK Engineering, LLC

**General Contractor:** D&H  
Builders, Inc.

The crew carefully designed and installed all overhead feeder conduit routes while maintaining the need for a customized base mounted conduit support structure throughout the 99,000 square-foot data center including seven data center pods. One pod was effectively energized at a time to allow the end user the active service of each POD while simultaneously continuing new construction adjacent to each live pod. These projects were completed in succession with each project having a 10-week construction schedule and the third phase of this project being completed in just 35 days.

**Kenneth Bristow, Charles Dotson,  
Bob Kaplan, Dave Maus**  
- Truland Service Corporation

**Project:** Kaiser Permanente,  
Gaithersburg Medical Office  
Building, Gaithersburg, MD

**Architect/Engineer:** AECOM

**General Contractor:** HITT  
Contracting Inc.

The project required a large amount of conduit to be installed in a small space, in a small window of time. The paralleling gear room was closed in with a roof roughly 45 days prior to commissioning of the systems. In this time, gear was set, pipe was installed, and all feeders pulled, tested, and terminated.



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A black and white photograph of a large industrial facility, identified as Washington Harbour Power Distribution. The image shows a complex of buildings and structures, with a prominent circular tower-like structure in the center. In the foreground, there is a large body of water with several fountains spraying upwards. The sky is overcast.

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## 2012 Craftsmanship Awards

### **Special Systems**

*(including security, control and instrumentation)*

**Charles Barber, Jr., Richard Henry, Kenneth Higgins, Shaun Mooney, Daniel Vaughan, Kevin Wilson**  
- J.E. Richards, Inc.

**Project:** MedImmune,  
Gaithersburg, MD

**Architect/Engineer:** Kling Stubbins

**General Contractor:** Turner  
Construction Company

The fire system installed entirely throughout campus is a Simplex 4100U with features including touch screens, a class A fiber loop made up of six nodes constituting three buildings and three parking structures. An amplifier is on every floor in the fire control rooms. There are two fire control rooms and the last one constructed was adjacent to Area 6 that was built in order to comply with code for high rise requirements.

**Bruce Baldwin, Eric Hitch, Landon Milstead, Rob Roye, Joe Steinhice, Rob Stemmer** - Singleton Electric Co., Inc.

**Project:** Biological Sludge  
Thickening Facility (Blue  
Plains), Washington, DC

**Architect:** CDM

**Engineer:** AECOM

**General Contractor:** Ulliman  
Schutte Company

The special systems include a rigid conduit and cable tray system for control and power, high quality workmanship, and detailed attention to uniformity and technical accuracy.

**Jason Alborough, Mike Burnstein, Ghattas Hajjo, Pete McNamara, OJ Moore, Oscar Smith**

- Unity/MCW Solutions  
(DC CBE Partnership)

**Project:** Wilson High School  
Modernization, Washington, DC

**Architect:** cox graae + spack architects

**Engineer:** Polysonics Acoustics  
& Technology Consulting

**General Contractor:** GCS-  
SIGAL, LLC

The modernization project included the transitioning of the main academic building into a dynamic, new central atrium space. The physical IP layer is a teledata network with a CAT6 horizontal wiring plant interconnected via seven IDF closets. The IDF closets are linked by multi-strand 50 micron fiber optic cable and connected via the fiber to the facilities MDF telecommunications demarcation point. The building also supports broadcast fiber runs to strategic locations supporting multimedia applications. The PA system is facility wide with bidirectional communication in each classroom and strategic common area.

### **Telecommunications Systems and Facilities**

**Rich Burt, Deva Jaispersaud, Dave Paschke, Haresh Prabhudial, Ron Robinson, Ravi Singh**  
- FiberPlus, Inc.

**Project:** Veterans Affairs,  
Washington, DC

**Architect/Engineer:** SmithGroup

**Engineer:** SmithGroup

**General Contractor:** SIGAL  
Construction Corporation

The project included the installation of 1.3 million feet of shielded Cat6A voice/data cable installed in 1,730 workstation stations. Twenty-one telecommunications rooms were built out in support of the work stations and were coordinated on a strict timeline to ensure network electronics installation could be implemented simultaneously. FPI installed the active electronics including CISCO servers

and switches, ExaGRID, SpectraLogic and HP SANS storage components in three data center locations while keeping DOVA's LAN/WAN and MAN operational, guaranteeing the electronic security system remained active.



**Sitework**

### **Landscaping**

*(interior and exterior)*

**Rony Alacorn, Jose Levia, Nelson Lopez, David Mumaw**  
- KT Enterprises, Inc.

**Project:** NGA Campus East,  
Springfield, VA

**Architect:** RTKL Associates  
Inc/KlingStubbins, JV

**General Contractor:** Clark/  
Balfour Beatty

The project entailed the installation of over 1,000 shrubs, 16,000 perennials, ornamental grasses and 1,800 trees, all of which were hand tagged by KT representatives at the nursery place of growth. The tree installation was staged to meet planting season and project schedules, with an onsite nursery maintained to keep the constant supply of stock available. KT was responsible for the topsoil re-spread and the project grass areas exceed 40 acres of cover. KT installed over 32,000 square feet of GrassPave access lanes, which included pavers and specialized soil fill.

CONGRATULATIONS!

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## 2012 Craftsmanship Awards

### Underpinning, Foundations and Excavations

#### ★ Richard Abel, Martin Ward

- Connally Contracting Corporation

**Project:** Howard Theatre Restoration (Excavation), Washington, DC

**Architect:** Martinez+Johnson Architecture

**Engineer:** Lundy & Franke Engineering, Inc.

**General Contractor:** The Whiting-Turner Contracting Company

As digging got deeper, it was necessary to work around the temporary supports in the building; they also had to excavate for the lagging operations. The inside building dimensions are only 80 feet by 120 feet so maneuvering inside was extremely difficult. As excavation progressed deeper, the operator constantly re-worked the ramp to allow for proper slope to still allow the loader to enter and leave the building. Towards the end of the excavation, the loader had to be removed from the building because of the excavation depth and slope of the ramp.

#### Earl Grant, C.J. Lancaster, Herbert Robles, Ben Welch

- Steele Foundation, LLC

**Project:** Howard Theatre Restoration (Underpinning), Washington, DC

**Architect:** Martinez+Johnson Architecture

**Engineer:** Lundy & Franke Engineering, Inc.

**General Contractor:** The Whiting-Turner Contracting Company

In order to support the building during excavation operations, the structure had to be underpinned around the entire perimeter, and the seven existing columns and two interior brick walls running the width of the building had to be supported. A support system was designed to provide both temporary and permanent support of the building consisting of two micropiles within the underpinning pits. This allowed the pits to be installed below any excavation activities and then have the micropiles extend another 25 feet to increase loading ability of the pits.

#### George Carr, Jim Passero

- District Contractors

**Project:** Wilson High School Modernization, Washington, DC

**Architect:** cox graae + spack architects

**Engineer:** ReStl Designers, Inc.

**General Contractor:** GCS-SIGAL, LLC

Locker room excavation was off of the Rose Garden which is an open courtyard with historic corridors on each. The dirt was hauled out of the excavation and dumped in the Rose Garden then small bobcats had handled the excavated material through an existing window/door opening at the preserved corridor façade. The wall demolition was performed by hand. The shoring towers inside doubled as a scaffolding work platform to demolish the wall.

#### Anthony Freeland, Raymond Latimer, Christopher Moen, Walter Salazar, Andrew Spradlin, Michael Waller

- Clark Foundations, LLC

**Project:** 1812 North Moore Street, Arlington, VA

**Architect:** Davis Carter Scott

**General Contractor:** Clark Construction Group, LLC

Along the east and west sides of the site, the shoring system consisted of soldier beams and lagging, which extended to the rock. Once rock was encountered, the shoring system then transitioned into shotcrete and rock bolts. This shoring system required high quality craftsmanship to install due to many challenges imposed by the site. The installation of the soldier beams along the edge of high traffic roadways was compounded by managing the partially demolished 11-story brick and concrete building that needed to be removed as the excavation progressed.





★★★ 2012 Star Award Winners ★★★



*Top left: Howard Theatre Restoration— Star Award for Excellence in the Face of Adversity. Bottom left: Square 54, Star Award for Visual Excellence. Right and on cover: Smithsonian Arts & Industries Building Shell Renovation Project, Star Award for Technical Excellence.*



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## Member Projects

WBC Member **Balfour Beatty Construction** was selected by **The JBG Companies** to provide construction services for the new 14<sup>th</sup> & U Street mixed-use apartment project in Washington, D.C. Officially named **LOUIS**, the new apartment building is to be located along the historic U Street corridor.

The nine-story luxury apartment building will consist of 268 efficiently designed Class A residential units, approximately 22,500 square feet of new retail space and 148 underground parking spaces on three levels. The apartment units will be a mix of studio, one- and two-bedroom units with interiors designed by Toronto-based Cecconi Simone. Building amenities include a rooftop pool, deck and bar with views of D.C. landmarks. Future residents will also enjoy a lounge with outdoor fire pits, screening rooms and a top-of-the-line fitness center.

The building was designed with an articulated skin, utilizing a variety of materials including brick, metal panels, cast-stone and ornamental metal. The unique skin will also incorporate the existing historic façade along 14<sup>th</sup> Street, which will be retained and renovated.

The building's features will visually enhance the continued transformation of the U Street corridor and preserve the historic neighborhood's charm.

The project officially launched last month with a ground breaking ceremony at the site of the new apartment building. The development team announced the new venture to an audience of project partners, local government officials including Mayor Gray, neighborhood organizations and the media. In support of the U Street neighborhood, JBG and Balfour Beatty each presented a

generous donation to Sitar Arts Center. The non-profit organization provides multidisciplinary arts education to the children and youth of Washington, D.C.

Construction is ongoing and visible at the site; the perimeter construction fence is installed, erosion and sediment controls have begun and façade support of the existing historic structures along 14<sup>th</sup> Street is underway. Selective demolition and excavation of the site will begin soon after façade supports are in place. The project is slated to finish in December of 2013. **B**

**WBC**

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NETWORKING  
& ARCHITECTS SHOWCASE**

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**3181 Wilson Blvd., Arlington, VA 22201 | spiderkellys.com**  
**Two blocks west of the Clarendon Metro Station on the Orange Line.**  
**Register at [wbcnet.org](http://wbcnet.org)**

*View of Louis at 14th/U from 14th Street in Washington, D.C.*



## New Company Members

### The Lathan Company, Inc.

401 9<sup>th</sup> Street NW  
Suite 640  
Washington, D.C. 20004  
p. (202) 595-0781  
f. (202) 595-0784

www.lathancompany.com  
adam@lathancompany.com  
Representative: **Adam Lathan**

### Sterling Mirror and Glass

4375 Nicole Drive  
Lanham, MD 20706  
www.sterlingmirror.com  
Michael@sterlingmirror.com  
Representative: **Michael Kaperst**

### SunTrust

1445 Research Blvd  
Suite 400  
Rockville, MD 20850  
p. (301) 517-5323  
www.suntrust.com  
carly.haviland@suntrust.com  
Representatives: **Carly Haviland**  
and **Adam Winder**

### U.S. Engineering Company

14120 Sullyfield Circle  
Suite G  
Chantilly, VA 20151  
p. (571) 238-0482  
www.usengineering.com  
rakesd@usengineering.com  
Representative: **Dan Rakes**

## New Small Business Members

### Cooper Construction Services

319 Mill St NE  
Vienna, VA 22180  
p. (571) 732-5700  
www.coopermaterials.com  
tblaszak@coopermaterials.com  
Representative: **Todd Blaszak**

### CWG and Associates

12512 Hampton Crossing Drive  
Chesterfield, VA 23832  
p. (804) 543-9770  
www.cwgassociatesllc.com  
carl@cwgassociatesllc.com  
Representative: **Carl Gouaux**

## New Representatives

### Aronson LLC

805 King Farm Blvd  
Suite 300  
Rockville, MD 20850  
p. (301) 231-6200  
f. (301) 231-7630  
www.aronsonllc.com

Representatives:

**Rebecca Ballard** rballard@aronsonllc.com  
**Andrew Maffey** amaffey@aronsonsystems.com  
**Chavon Wilcox** cwilcox@aronsonllc.com  
**Michael Corcoran** mcorcoran@aronsonllc.com

## Company Profiles

### The Lathan Company, Inc.

The Lathan Company is a full service, self-performing general and subcontracting group that specializes in historic preservation and restoration of historic structures.

### SunTrust

SunTrust's Diversified Commercial Banking segment provides commercial lending, financial risk management, capital raising, commercial

card, and other treasury and payment solutions, as well as insurance premium financing and equipment and lease financing.

### Sterling Mirror and Glass

Sterling Mirror and Glass is a custom fabricator and installer of interior glass products including glass entrance doors, glass railing systems, glass sliding door systems, frameless shower enclosures, custom mirrors, glass partitions, backpainted glass, textured and specialty glass.

### U.S. Engineering Company

U.S. Engineering Company, founded in 1893, is a full service award winning mechanical contractor providing HVAC, plumbing, sheet metal, industrial, and process construction and service.

## Small Business Company Profile

### CWG and Associates

CWG and Associates provides federal compliance, small business planning and utilization, and management consulting to federal, prime contractors and subcontractors.





# WBC Calendar & Advertising Information

## Events Calendar

### May–September

**May 14**, 11:30 a.m.–12:45 p.m.  
Hammerheads Committee Meeting  
WBC Offices

**May 19**, 10 a.m.–12 p.m.  
WBC Community Service,  
Food & Friends, Washington, D.C.

**May 31**, 5–7 p.m.  
Spring Networking & Architects Showcase  
Spider Kelly's, Arlington, Va.

### June 2

Komen Global Race for the Cure®  
Washington, D.C.  
*Join the WBC Team*

**June 11**, 8 a.m.–4 p.m.  
Summer Golf Outing  
(networking 2:30–4 p.m.)  
Leesburg, Va.

**June 16**, 10 a.m.–12 p.m.  
WBC Community Service,  
Food & Friends, Washington, D.C.

**July 21**, 10 a.m.–12 p.m.  
WBC Community Service,  
Food & Friends, Washington, D.C.

**August 18**, 10 a.m.–12 p.m.  
WBC Community Service,  
Food & Friends, Washington, D.C.

**September 15**, 10 a.m.–12 p.m.  
WBC Community Service,  
Food & Friends, Washington, D.C.

## 2012 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. The **Bulletin** is published ten times a year by WBC. To place an ad, submit material or for more information call **(202) 292-5922**.

### October/ November 2011

New WBC Board and Chairman Profile

### December/January

Member Giving

### February/March

D.C. Sustainable Energy Utility

### April/May

Craftsmanship Awards

### June/July

Technology/Innovation

### August/September

Rebuilding Together

### October/November

Green Building/Sustainability

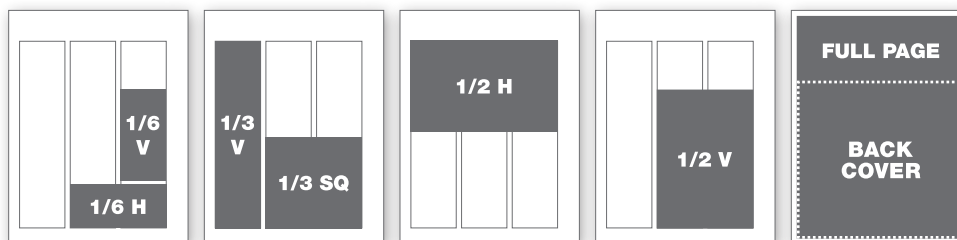
## Ad Rates

	1 time	3 times	6 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	3 times	6 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
Full-page	\$851	\$689	\$554
<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



# WBC Golf Outing

Monday, June 11, 2012

Lansdowne Jones \* Belmont \* Lansdowne Norman

*Sponsors confirmed by May 11 get course selection preference!*

## PLAYER & SPONSORSHIP FORM

Contact Name \_\_\_\_\_  
 Company \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Phone \_\_\_\_\_ Email \_\_\_\_\_

PLAYERS & SPONSOR	PRICE/BENEFITS	NUMBER	SUBTOTAL
Members & Guests	\$280 per player (* select course below)		\$
Non-Members	\$300 per player		\$
Reception Only	\$40 members / \$60 non-members (per person)		\$
Tournament Sponsor <i>(1 available)</i>	\$6,000 (8 players, logo on printed materials, banner on each course, reception banner & presentation, room at Lansdowne & full page <i>Bulletin</i> advertisement)		\$
Course Sponsor <i>(3 avail.)</i>	\$3,500 (4 players, course banner, 1/2 page <i>Bulletin</i> ad)		\$
Golfer Gift <i>(3 available)</i>	\$3,000 (4 players, company name/logo on golfer gift)		\$
Reception Food/Bars <i>(4)</i>	\$2,000 (sign on all reception bars & food areas)		\$
Golf Carts <i>(4 available)</i>	\$1,500 (logo on all golf carts)		\$
Hole-in-One <i>(3 available)</i>	\$1,000 (sign at hole - incl. hole sponsorship)		\$
Lunch Food Station <i>(6)</i>	\$750 (sign at food station)		\$
Closest-To-Pin <i>(3 available)</i>	\$500 (sign at hole - includes hole sponsorship)		\$
Longest Drive <i>(6 available)</i>	\$500 (sign at hole - includes hole sponsorship)		\$
Putting Contest <i>(3 available)</i>	\$500 (sign at putting green)		\$
Driving Range <i>(2 available)</i>	\$500 (sign at driving range)		\$
Course Cooler <i>(6 available)</i>	\$350 (sign on course cooler)		\$
Hole <i>(42 available)</i>	\$300 (sign at tee box)		\$
<u>1<sup>st</sup> &amp; 2<sup>nd</sup> Course Selection Preference</u>			
<input type="checkbox"/> Lansdowne Jones <input type="checkbox"/> Belmont <input type="checkbox"/> Lansdowne Norman		<b>TOTAL DUE</b>	\$

*Every effort will be made to accommodate course preference, but WBC can't guarantee a specific course, except by sponsorship. Placements are on a first-come, first-served basis, with sponsors given priority consideration. A confirmation email with detailed instructions will be sent to you at least one week in advance of the outing.*

**PAYMENT INFORMATION:** Golf registrations and sponsorships are accepted on a first come, first served basis and will not be confirmed until paid-in-full.

Check -  Amex -  MasterCard -  Visa    Name (as it appears on card) \_\_\_\_\_  
 Card Number \_\_\_\_\_ Exp. Date \_\_\_\_\_ Security # \_\_\_\_\_  
 Card Billing Address (required) \_\_\_\_\_

**Cancellation Policy:** Fees refunded only if written notice of cancellation is received by June 3, 2012. In the event of written cancellation, the WBC will retain \$50 of the initial fee, per player, to cover administrative costs.

Sign Up Online @ [www.wbcnet.org](http://www.wbcnet.org) or Fax to (202) 429-1922

WBC ~ 1620 I St., NW ~ Suite 810 ~ Washington, DC 20006 ~ (202) 293-5922

The WBC Golf Outing is the premiere industry golf event of the year! On June 11, over 400 players will come together at three outstanding courses for the 75<sup>th</sup> annual WBC outing. Following the tournaments, players and guests will celebrate the start of the summer season with the awards reception at The Golf Club at Lansdowne.

**8:00 am:** Driving ranges open, continental breakfast served and registration begins.

**9:00 am:** Shotgun start for players at both Belmont and Lansdowne.

Putting green contests and lunch begin at 10:30 am. All players will meet starting at 3:00 p.m. at Lansdowne for the awards reception featuring the marvelous door prize drawings, a huge 50/50 raffle, and presentation of tournament trophies and gifts.

*WBC members and sponsors given course preference.*

*Non-members may be waitlisted.*

*This tournament is always a sellout, so please register early!*

*Registrations without payment will be waitlisted.*

### Golf & Reception Package

**\$280 Members & Guests**

**\$300 Non-Members**

*Includes greens fee, cart, range balls, gift bag, beverages, breakfast, lunch, hosted bar reception, hors d'oeuvres & door prizes.*

### Reception Only

**\$40 Members & Guests**

**\$60 Non-Members**

*Includes hosted bar reception, hors d'oeuvres & door prize drawings.*

**Donate giveaways for golfer gift bag - Deliver 380 pieces to WBC by June 4!**

**\*\* Volunteers needed for day of outing.**

**Please call WBC for information. \*\***







**WBC 75<sup>th</sup>  
GOLF ANNUAL  
OUTING**



MONDAY, JUNE 11, 2012   LANSDOWNE JONES / BELMONT / LANSDOWNE NORMAN   LEESBURG, VIRGINIA

Visit [wbcnet.org](http://wbcnet.org) to register and for sponsorship opportunities