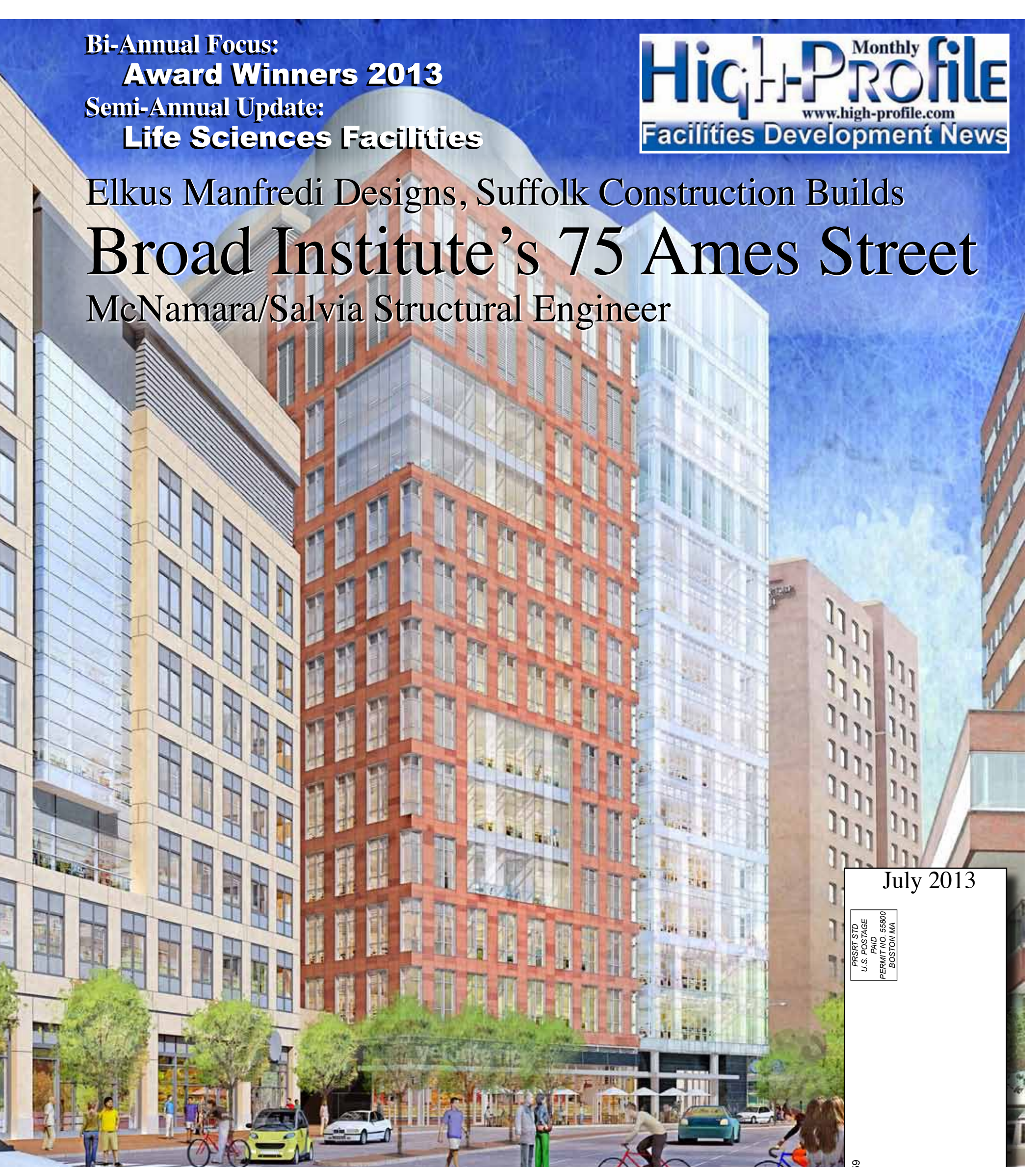


Bi-Annual Focus:
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Semi-Annual Update:
Life Sciences Facilities

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Plus Healthcare, Institutions and Schools, Facilities News, Green News, People, Calendar and more...

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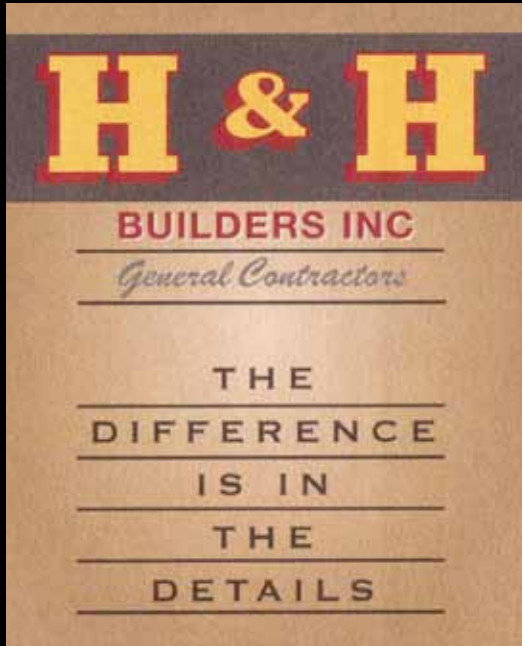


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High-Profile Monthly Up Front News

DeMarco Named AGC Chairman

Braintree, MA - Jeffrey DeMarco, president of Campanelli Construction, has been named chairman of the Associated General Contractors (AGC) of Massachusetts Board of Directors. He previously held the role of vice chairman.



Jeffrey DeMarco

Throughout his leadership roles at the AGC, DeMarco has participated in many initiatives, including the formation of the Sustainability Award for Green Construction. This award program recognizes

project teams for authorizing, designing, and building valuable sustainable features into today's construction projects.

He continues to support and strengthen the efforts of the AGC which are intended to make Massachusetts a better place for all companies involved in the intricacies of construction projects.

Joining DeMarco as officers on the board of directors are; vice chair, Joseph Albanese, founder & CEO of Commodore Builders, Inc.; treasurer, Domenic Tiberi, senior project manager of Compass Project Management; and secretary, Paul Hewins, executive vice president and general manager of Skanska USA Building's New England Region.

Dapice Appointed

Concord, NH - Rob Dapice, project manager at North Branch Construction, has been appointed to a three-year term on the Plan New Hampshire Board of Directors.

Plan NH is a 501(c)3 nonprofit organization dedicated to shaping the built environment through planning, design, and development to achieve a vision of New Hampshire that is vibrant and healthy for its people, its economies, and the environment.



Rob Dapice

Turetz New NAIOP Mass. VP

Needham, MA - NAIOP Massachusetts is proud to welcome Melissa Turetz to its staff. She joins the organization as vice president of program development and will oversee the chapter's programming and sponsorships.

Turetz comes to NAIOP from the Dana-Farber Cancer Institute (DFCI), where she served as the assistant director of the Boston Marathon Jimmy Fund Walk. Prior to her position at DFCI, she worked at Combined Jewish Philanthropies as the

senior development officer of the real estate, construction, and design team.

"All of us at NAIOP are excited to work with Melissa in our efforts to grow the organization and better support our leadership, members, volunteers, and staff," says David Begelfer, CEO of NAIOP Massachusetts. "Her extensive background in fundraising and strategic program development and management will be a great benefit to our chapter's overall mission."

Dacon and AccuRounds 3P

Avon, MA - Team members from Dacon Corporation and AccuRounds recently joined forces in a unique collaborative effort known as the Production Preparation Process (3P) to improve customer satisfaction with the services to be provided in AccuRounds' new facility in Avon. By refining the details of the new location in the earliest stages of building planning, the pre-planning process will improve the flow of people, materials, information, production and supplies. This allows AccuRounds to achieve its goal of providing customers with exceptional products and services, while eliminating inefficiencies and waste.

Over the course of two days, a cross

functional/cross company team that included the presidents of both Dacon and AccuRounds utilized 3P methodologies to evaluate current processes, generate ideas for improvements, and create rapid prototypes of a variety of ideas to test multiple concepts. By the end of the process, small sub-teams had created three distinct building layout options for review by the larger group, as well as by the entire AccuRounds workforce. Next steps include a follow-up session of the 3P participants to further refine the plans, picking and choosing what will work best before construction commences.

Welcome Amy

Pembroke, MA - *High Profile Monthly* has added Amy Davenport as an account executive. She recently returned to the area from Wilkesboro, N.C. where she worked as a human service professional at Wilkes Family Central Community Center for True Behavioral Healthcare. Previously she was an intake specialist for Wilkes Partnership for Children a division of Smart Start and also worked the crisis team for St Paul's Episcopal Church Crisis Ministry. She is a very welcome addition to HiPro's sales staff.



Amy Davenport

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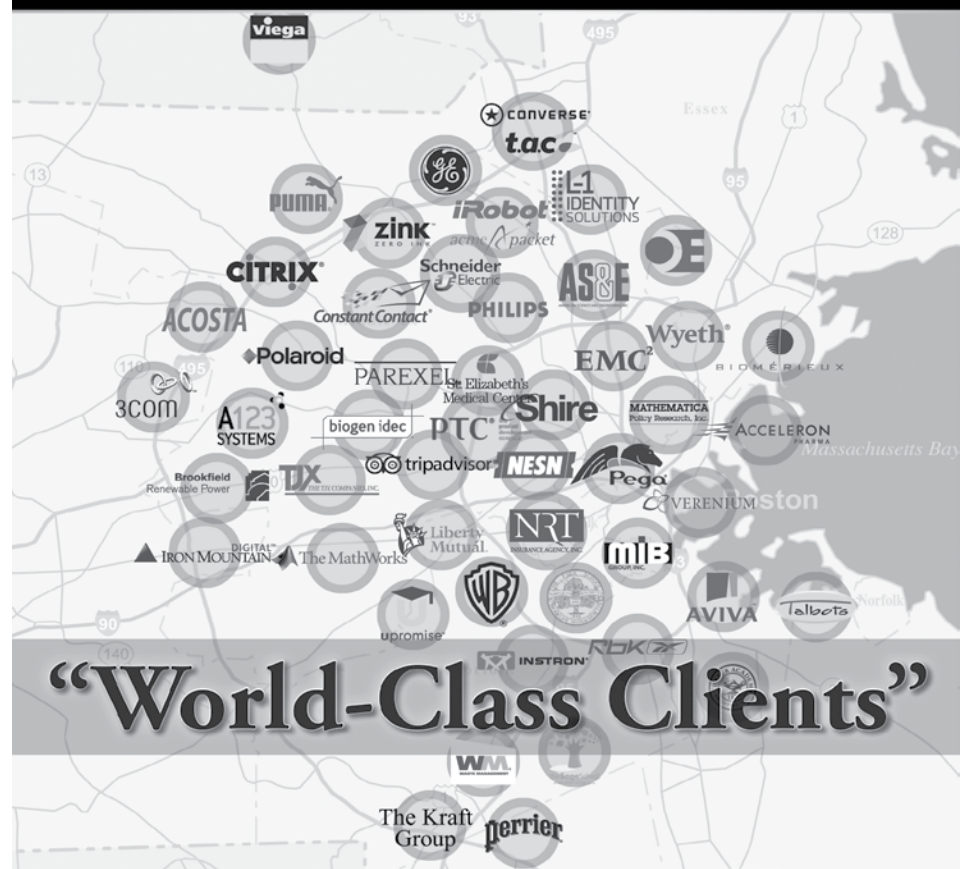
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Massachusetts No. 2 in Clean Energy

Boston - Energy and Environmental Affairs Secretary Rick Sullivan announced that Massachusetts is ranked No. 2 in the nation in clean energy technology, according to the 2013 U.S. Clean Tech Leadership Index.

The report, authored by Clean Edge Inc., attributed the commonwealth's strong ranking to its commitment to energy efficiency, strong industry policy, and continued leadership in early-stage technology development and capital attraction.

"Massachusetts has become a premier destination for clean energy innova-



Governor Deval Patrick

tion and investment because we are shaping that future rather than just waiting for it to happen," said Governor Deval Patrick.

Massachusetts received a perfect score, and No. 1 ranking, in the policy category, which measures transportation policies, building codes, climate change targets, and the renewable portfolio standard.

Edging out California, Massachusetts received a No. 1 ranking in the capital category, which measures venture capital investment, number of patents, and higher education and research institutions.

Peter Steffian, 1939-2013

Boston - Peter Steffian, a prominent Boston architect, passed away on Monday, May 27 at the age of 76. Steffian became principal and ultimately chairman of Steffian Bradley Architects, the firm founded in 1932 by his father, Edwin T. Steffian.

During his 50 years in practice, Peter Steffian designed, planned, and managed many noteworthy building projects. He established an important portfolio that includes area landmarks such as 808 Memorial Drive in Cambridge and the Devonshire, a 42 story building that



Peter Steffian

graces the Boston skyline.

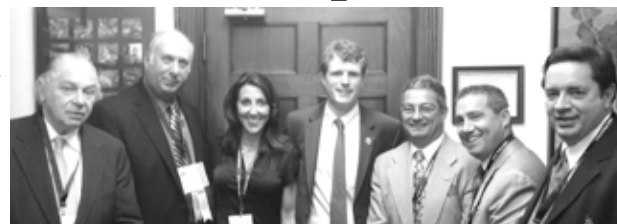
Steffian held many significant leadership positions within the architectural community, including service for a decade on the board of overseers at the Boston Architectural College. He was also a board member and then president of the Massachusetts Board of Registration of Architects for 17 years through which he became a director, officer, and president of the National Council of Architectural Registration Boards.

Local NAHB Visits Capitol Hill

Boston - Members of the Builders and Remodelers Association of Massachusetts were in Washington, D.C., recently for a legislative conference to advocate issues that affect the homebuilding and construction industry.

Leaders from the Builders and Remodelers Association of Greater Boston included Executive Officer Gerry-Lynn Darcy; executive committee member Ted Mahoney, principal of Windjammer Construction; and Joe Antonelli of Professional Resources. They joined leaders from the Northeast Association including Larry Kady, incoming state president; Alan Hope; and Andrew Chaban of Princeton Properties to visit their local legislators on Capitol Hill in Washington.

On June 5 the group met with Con-



l-r: Alan Hope, Joe Antonelli, Gerry-Lynn Darcy, Congressman Joseph Kennedy, III, Larry Kady, Andrew Chaban, and Ted Mahoney

gressmen Joseph Kennedy, III, Michael Capuano and William Keating to discuss current issues and bills before congress that affect the home building and construction industries.

They also sat with staff members from the offices of Congressmen John Tierney and Stephen Lynch to provide recommendations for reform relating to the tax code, housing finance, and immigration on behalf of NAHB and its local chapters.

Larry Curtis Honored

Boston - Larry Curtis, president and managing partner of WinnDevelopment, was honored at the Lawyers Clearinghouse 25th Annual Meeting recently for his dedication to affordable housing.

Founded 25 years ago, Lawyers Clearinghouse harnesses the power of Massachusetts legal and business professionals to strengthen communities by providing pro bono legal services to nonprofit organizations and to individuals who are homeless or at risk of becoming homeless.

For more than 25 years, Curtis has



Larry Curtis

been a leader in the challenging work of building affordable housing in Massachusetts. He was recognized by the Lawyers Clearinghouse for his strong support of its mission and programs that serve the nonprofit and homeless communities in Massachusetts.

In addition to his work in the development of affordable housing, Curtis also cofounded

New Lease, a nonprofit based in Boston that provides a clearinghouse of affordable housing units for families staying in state-funded shelters and motels throughout Massachusetts.



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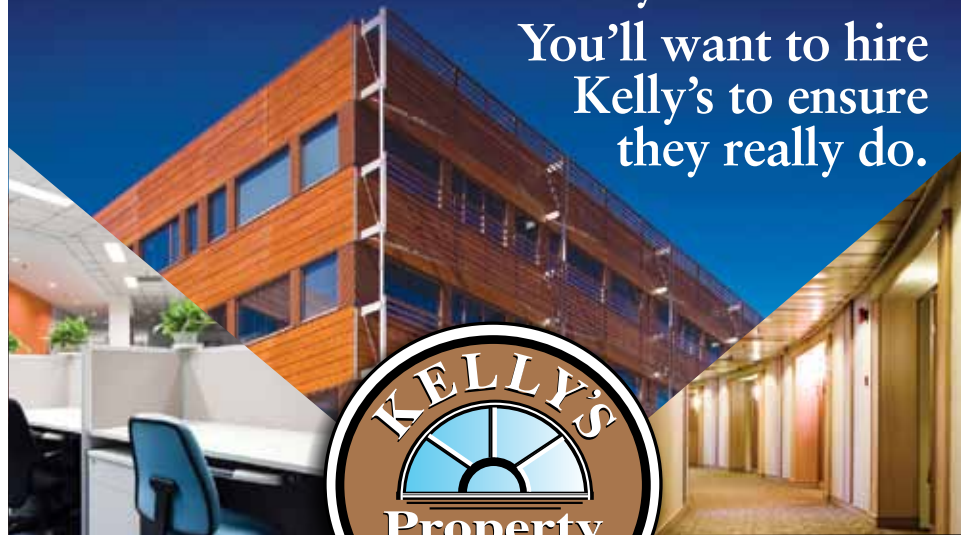
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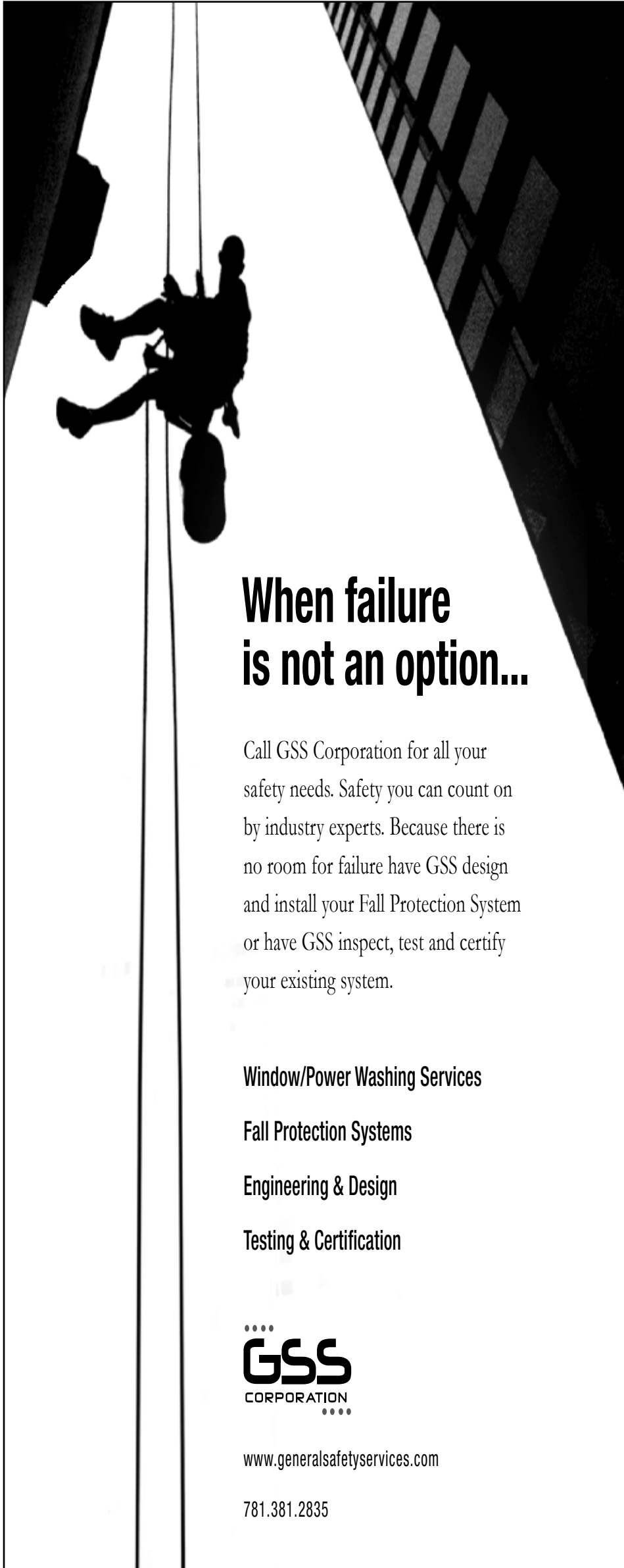


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Battle of the Biotech Bands Fundraiser



MassBio Artifacts

Boston - CEOs, CFOs, and senior science officers from the area's leading biotech companies, along with the technicians, developers, architects, contractors, consultants and vendors who support Boston's biotech industry, gathered together June 12 for what was perhaps one of the largest and certainly most diverse biotech events in Boston: the 2013 Battle of the Biotech Bands.

Billed as a combination of business networking event, concert, competition, and fundraiser, the program did not disappoint the 600 attendees at the Royale Boston Nightclub. Joyce Kulhawik, Emmy award-winning arts and entertainment reporter, was the MC of the evening, which featured 30-minute sets by each of three bands: Momenta Pharmaceuticals' Aural Gavage, the MassBio Artifacts, and the Biogen Idec Blues Band. The three bands then combined for a "Biotech All-Stars" performance of Mustang Sally to close out the evening!

Judges for the event, who donated their time and talent, were rock legend Jay Geils, 105.7 WROR's Julie Devereaux, and singer/songwriter Charlie Farren who opened the evening with a solo performance of songs from his new album "Tuesday."

The bands competed for the largest portion of an estimated \$60,000 to be donated to charities selected by each band. The funds were raised through corporate sponsorships, ticket sales, and T-shirt sales.

The Biogen Idec Blues Band won first place, with half of the net proceeds of the evening, about \$30,000, donated to its preselected charity, Compassionate Care ALS.



Judges (l to r) Jay Geils, Julie Devereaux, and Charlie Farren

With no losers, charities designated by the other two bands split the balance of the funds raised by the event. Selected by Momenta Pharmaceuticals' band Aural Gavage, The Jolane Solomon Research Fund at Boston College received about \$15,000 in memory of Atena Necula, a beloved Momenta scientist who lost her battle with cancer in 2012. The MassBio Artifacts played on behalf of Cradles to Crayons, Boston, which will also receive a donation of about \$15,000 from the evening.

Financial management of the program was handled by Compassionate Care ALS, which committed early to providing essential nonprofit umbrella management services, knowing that it would then have to turn over to other nonprofits up to two-thirds of the funds raised.

Bill Harris, principal at the award-winning architectural design firm Perkins+Will, was the creator and co-chair of the event, with his wife Marcia, office manager at Perkins+Will. Harris notes that "as architects we are committed to the total success of our life science clients - from scientific innovation to happy and productive business communities."

HP June Cover Story Clarification TCI MEP Engineer at Spaulding Rehab

Charlestown, MA - Thompson Consultants (TCI) of Marion was the mechanical/electrical/plumbing engineer for the Spaulding Rehab Hospital in Charlestown.

TCI's design team joined Mayor Thomas Menino, benefactors, hospital staff, and city officials at the April Grand Opening of the new state-of-the-art

Spaulding Rehabilitation Hospital in the Charlestown Navy Yard where TCI designed all M/E/P/FP engineering systems.

As a success story of Spaulding himself, the Mayor stated, "We have never needed them more" in light of the Boston Marathon bombings.

J.C. Cannistraro was the MEP contractor.

High-Profile: FACILITIES DEVELOPMENT NEWS

Merchants Row Groundbreaking in Quincy

Suffolk Construction CM - Street-Works Development Developer

Quincy, MA - Quincy Mayor Tom Koch hosted city, state, and federal officials, as well as private partners, at a groundbreaking ceremony for Merchants Row, the first major block of mixed-use development and pedestrian-friendly public space being constructed within the new Quincy Center master development plan.

Merchants Row, scheduled for completion in 2014, is expected to bring 287 loft units in two buildings, the Kilroy and the Granite Trust Lofts, along with more than 35,000sf of street retail and 24,000sf of office in the renovated historic Granite Trust building. Street-Works Development is the master developer for the overall project, and Suffolk Construction is the construction manager.

"I'd like to thank everyone who had faith in our vision for a revitalized Quincy Center," stated Mayor Koch. "Today's groundbreaking is the culmination of years



Granite Trust Lofts

Renderings courtesy of Street-Works Development



The Kilroy

of careful planning and sustained momentum. Everyone here had a role to play in bringing this vision to fruition, and the city of Quincy is grateful for the tremendous partnership that has worked together for many years to help make downtown Quincy an exciting 21st century destination."

The construction of Merchants Row will take place in conjunction with the execution of the new Adams Green public space, which will encompass the resting

place of the American presidents John Adams, John Quincy Adams, and their wives, and will link Merchants Row to the MBTA Red Line station in downtown Quincy. In January of 2013, Mayor Koch announced that Street-Works and partner The Beal Companies, working with LaSalle Investment Management, had secured over \$55 million in equity financing for Merchants Row, allowing the project to move forward.

The New Quincy Center project is a

model for cities across America. The \$1.6 billion redevelopment plan is a historic private/public partnership with the city of Quincy. A new 20-square-block urban mixed-use neighborhood, comprising several office buildings, approximately 700,000sf of anchor and street retail and food, two new hotels, 1,400 residential units, and multiple new parking garages providing 5,000 public parking spaces, new Quincy Center will be the urban gateway to Boston.

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High-Profile: Facilities Development News

Major Renovations at Lafayette

Team: Suffolk, Abbey Group, ADD Inc.

Boston - Boston-based developers The Abbey Group announced plans to begin a complete \$5 million renovation of the lobby of Lafayette City Center, located at 2 Avenue de Lafayette in downtown Boston. Construction on the six-story 615,000sf office and retail complex will begin in June, with the project set to be completed in the fall. Construction will be managed by Suffolk.

The new lobby design, from architects ADD Inc, will feature a soaring, glass façade and staircase that will bring immense natural light into the one-and-a-half story vestibule. Revolving doors have been consolidated at the midpoint of the façade for improved circulation, while visitors may choose between either the glass stairs or an escalator



Rendering of front of lobby

to reach the main lobby level. Both ascend alongside a monolithic, white chiseled marble wall that runs throughout the entire length of the lobby. The defining axis of the wall is reinforced in the ceiling by 60 eight-foot long "light blades," which together establish a strong directional pull, moving visitors to and from the elevator lobby.

In addition to its open concept and sleek lines more in line with the flare that belongs at the crossroads of the theater district and downtown financial zone, Lafayette City Center's new lobby will use modern materials, like Terrazo flooring, and contemporary furniture in the lounge areas to draw people into the space.

A 24-hour concierge will be placed in a new, centrally-located white resin security desk.



Interior view

Eckman CM for Ambulance Facility

Cowan & Goudreau Architects

Milford, NH - Construction is under way on a new ambulance facility in Milford. Eckman Construction, serving as the town's construction manager, worked with the Milford Ambulance Service and the building committee to finalize the plans and budget, and held a job fair in January to give local subcontractors and workers a chance to get involved in the project.

After an April groundbreaking, work on the facility is right on schedule and will be completed in November. It will have four apparatus bays built to modern standards, without the limitations of the space now in use in the basement of the town hall. The new building will also have offices, training space, dorm space, and a kitchen.



New ambulance facility under construction

The ambulance facility was designed by Cowan & Goudreau Architects of Concord.

Eckman is currently building two fire stations in Hampton, which were also designed by Cowan and Goudreau.

Dudley Building Tops Off

Boston - On June 24, Shawmut Design and Construction joined Boston Mayor Thomas M. Menino to raise the final piece of steel at the Ferdinand Building in Dudley Square.

This ceremony represents a major milestone for the \$115 million Dudley Municipal Building, which is on budget and expected to be completed by January 2015. The building is estimated to hold 500 municipal employees from the Boston Public School Department. The facility will also include space for street-level retail businesses.

The project is being developed with Shawmut Design and Construction through



l-r: Kevin Sullivan, VP, Shawmut Design and Construction; Les Hiscoe, exec.VP and COO of Shawmut; and Mayor Thomas Menino

the CM At-Risk method of public project development, which involves the construction management firm early in the design process in order to deliver the job within a guaranteed maximum price.

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High-Profile: Facilities Development News

Jewett Finishes Steel on DPW Garage

Raymond, NH - Less than a year after the Hopkinton DPW Garage was destroyed by fire and only 90 days after town residents approved a bond to finance its rebuilding, Jewett Construction Company, Inc. has finished erecting the steel for a new 13,750sf, energy efficient building at 330 Main Street – one designed to house town equipment, offices, restrooms/ locker rooms, and a mezzanine for additional storage.

Strategically placed to take advantage of natural light and passive solar gain, the completed building will feature radi-



Steel completion at new DPW garage

ant heating in the concrete slab flooring, as well as an innovative wood chip boiler heating system with an exterior storage silo for wood chips. A secondary propane heat and cooling source will also be installed. The exterior will be of energy efficient insulated wall and roof panels. The project will be complete by Labor Day.

Exel Inc. Center Taking Shape
Pro Con Architect and CM

New warehouse/distribution center beginning construction

Bow, NH - Exel Inc's new 243,500sf warehouse/distribution center located at 683 Route 3A in Bow is beginning to take shape.

Exel will provide warehousing services for the State of New Hampshire's Liquor Commission out of the new facility. Pro Con Inc of Manchester is the architect and construction manager for the project.

Pro Con Inc designed the single-story distribution center to have 21 truck dock positions, with the possibility of adding an additional 12 dock positions in the future. The building's exterior finish will be insulated metal panels with painted con-

crete block up to 16-ft high at the loading dock area and a TPO roof system.

The building's interior will have a 40-ft clear height to the underside of the joists, with storage racks to 37-ft, and the aisles will be approximately 10-ft wide to allow for freight handling. Pro Con Inc will provide the building's shell and the interior finishes for the administrative offices, break room, training classroom, and cooler space. Exel will provide and install the storage racking system.

A mid-September 2013 completion date is scheduled for the facility.

Rehab Cottage Breaks Ground

Johnston, RI - Construction began recently on the new Briarcliffe Rehabilitation Cottage project located in Johnston.

Designed by Vision 3 Architects, the 10,600sf inpatient skilled nursing facility offers rehabilitation in a residential setting.

Included in the facility are 20 private resident rooms, two living areas, one with a dining area, sunroom, training kitchen, exercise equipment, and laundry to allow



Briarcliffe Rehabilitation Cottage

patients to feel at home while relearning the activities of day-to-day living.

Anticipated completion of the project is December of this year.

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- Isabella Stuart Gardner Museum – Shawmut Design and Construction
- Appleton Mill – CWC Builders
- Russia Wharf – John Moriarty and Associates
- Cambridge Rindge and Latin – Consigli Construction
- Harbor Park Pavilion – Turner Construction
- Dana Farber – Walsh Brothers
- Dorchester Ave Improvements – McCourt Construction
- Johnson and Wales University – Johnson and Wales
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High-Profile: FACILITIES DEVELOPMENT NEWS

Williams Designs Border Patrol Bldg



Aerial view of Los Ebanos, Land Port of Entry

West Yarmouth, MA - Williams Building of West Yarmouth has completed the design-build of the Los Ebanos Land Port of Entry, Los Ebanos, Texas.

The architect was Halff Associates, Inc. for the U.S. Customs and Border Patrol.

The border crossing facility is located with the last remaining government licensed hand operated ferry anywhere on the U.S. border at the historic Ebanos Crossing. The ferry is privately owned and received a state historical marker in 1975.

Built with CMU masonry construction, the structure is the new LPOE on the Rio Grande River. The building is approximately 6,000sf with unique features for the



Interior of Los Ebanos

area such as a deep foundation, piles driven to bedrock, a complete ballistic building envelope including walls, windows, and doors structural insulated panels (SIPs) for the roof enclosure 36 kW solar PV array for electrical generation.

Nauset Renovates Library
Designed by Oudens Ello Architecture

West Tisbury, MA - Nauset Construction has completed foundation work and is now moving into the rough carpentry phase of the \$6 million renovation and expansion of the West Tisbury Free Public Library. The project is anticipated to be completed January of 2014 and will expand the library to more than double its current size.

The project was designed by Oudens Ello Architecture of Waltham.

The original library, built in 1993, was completely gutted in early February to upgrade electrical and mechanical systems to increase energy efficiency. The new building addition will be a combination of structural steel and engineered wood, and will be constructed behind the existing library. It will include a new study room for



West Tisbury Free Public Library renovation in progress

young adults, an additional meeting room for programs, lectures, and films, a new director's office, staff work space, meeting space, and restrooms.

Homewood Suites Nears Completion
Pro Con Architect and CM

Middletown, RI - The new Homewood Suites by Hilton in Middletown is on target for a late June completion. Pro Con Inc. of Manchester, N.H., is the architect and construction manager for the \$8.2 million design-build project, which is being built for Mile One, LLC.

Homewood Suites by Hilton is an all-suite residential-style hotel targeting travelers who are on the road for a few days or more.

The four-story, 72,500sf hotel will have 92 hotel rooms, with parking for 77



Homewood Suites

vehicles. The hotel will offer a variety of spacious studio and one-bedroom suites, with fully equipped kitchens, and for guests requiring larger accommodations, the hotel will offer a three-bedroom, two-bath suite.



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High-Profile: FACILITIES DEVELOPMENT NEWS

Fore River Bridge Project Continues

Cambridge, MA - Construction continues this month on the \$244 million Fore River Bridge Replacement Project with installation of the permanent replacement bridge foundation components.

The project is a joint venture between J.F. White of Framingham, Mass. and Skanska USA of New York. Current work includes installation of the drilled shafts associated with the new bridge's towers. Permanent drilled shaft casings for the Quincy tower have been completed with remaining casings for the Weymouth tower being installed.



Fore river bridge Replacement Project

The project is expected to last approximately three-and-a-half years. It is the largest contract ever awarded by the Massachusetts Department of Transportation.

Nat'l Coast Guard Museum Planned

New London, CT - Payette, an architectural design firm of Boston, will partner with Gauchat/Santos on the new National Coast Guard Museum located on the Thames River waterfront in New London.

The 54,000gsf museum will anchor a complex including a new terminal building for the Cross Sound Ferry and a pedestrian bridge linking the downtown to the city's waterfront across the Amtrak rail lines.

Local, state, and national officials touted the project's potential to have a transformative effect on the city and re-

gion at a public unveiling in early April. The goal is to break ground within 11 months and open the museum by late 2017.

The project intends to create a dynamic architectural space where the story of the United States Coast Guard can be told through interactive exhibits meant to engage the public. The building will be organized around a large atrium linking four floors of exhibits, event space, lecture rooms, and café. A multi-story double-skin façade will face south onto the existing City Pier Promenade and beyond out to Long Island Sound.

End of an Era



Rendering courtesy of Arrowstreet

Rendering of new hotel that will replace Wonderland Ballroom.

Revere, MA - The big ballroom era north of Boston is officially coming to an end. The owner of the Wonderland Ballroom in Revere, the last of the big ballrooms that were once common across the region, is putting the property up for sale to be transformed into a hotel.

Wonderland Realty LLC has hired NAI Hunneman, a leading provider of commercial real estate services, as the exclusive sales and ground lease broker for a major transit-oriented development at the site at 1290 North Shore Road in Revere, which is envisioned to include a 12-story, 196-room hotel with a 175-car parking garage.

Arrowstreet will be the architect for the project and Vanasse Hangen Brustlin, Inc. the Engineer.

The site is located on Route 1A, directly adjacent to the Wonderland stop on the MBTA's Blue Line, just 10 minutes from downtown Boston. The property is within the Wonderland Transit-oriented Development Overlay Zone, allowing for a hotel and first-floor retail. Increased activity at Boston Logan Airport, along with the possibility of a major development at the Wonderland Greyhound Park across the street and a casino at nearby Suffolk Downs, are among the many reasons that Revere is the newest development hot spot in Greater Boston.

Built in the early 1960s, for many years the Wonderland Ballroom offered dancing several nights a week to the music of big bands.

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High-Profile: FACILITIES DEVELOPMENT NEWS

Integrated Builders Breaks Ground With Riverbridge, and Union Studio Architecture

Berlin, MA - Ground-breaking ceremonies were held recently for a new stand-alone daycare facility to be constructed by Integrated Builders at Riverbridge North, a 470,000sf mixed use community village located in Berlin.

Project developer Matthew Senie of Riverbridge North LLC was joined by Jay Dacey, president of Integrated Builders; State Representative Harold P. Naughton, Jr. of Clinton; SVP of operations Brad Haines and COO Brittany Haines of Growing Room Child Development Centers; Donald Powers, president of Union Studio Architecture; and members of the town of Berlin planning board.

The 12,500sf facility will be home to the Columbus, Ga.-based daycare franchise Growing Room and is expected to be completed in mid-October at a cost of approximately \$2.4 million. The center will



l-r: Riverbridge North LLC owners Christopher Senie, Mathew Senie and Susan Senie; Jeff Stevenson, IB project superintendent; and John Concannon, IB project mgr/operations mgr.

provide care and education for children ranging in age from seven weeks to 12 years old. The building will be the second structure at Riverbridge North, which upon completion will be comprised of 130,000sf of neighborhood commercial space (office, retail, restaurant, market, pharmacy, convenience store/gas station); a 175,000sf continuing care retirement community (CCRC) or assisted living facility; and 115 one-, two-, and three-bedroom apartments and condominiums.



Design of the Growing Room Child Development Center

RDK Completes Municipal Complex

Lavallee Brensinger Architects, TFMoran Site



New municipal complex

Manchester, NH - RDK Engineers attended the city of Manchester's official ribbon-cutting and community celebration recently, marking the completion of the city's new municipal complex.

RDK teamed with Lavallee Brensinger Architects on the design of the municipal complex, which includes a new 34,000sf public works administration building, a new 72,000sf state-of-the-art police station, and a new 60,000sf central fleet vehicle maintenance building. RDK provided comprehensive, LEED-compliant MEP/FP, telecom, IT, audio-visual, and electronic security system (ESS) design services utilizing 3D/BIM software.

TFMoran, Inc. of Bedford provided site design, permitting, and landscape architecture design for the new complex.

The new four-story police station includes multiple conference/teaching rooms, a shooting range, a fitness facility, holding cells, an E-911 dispatch center, and generous office and support space. Numerous,

technology-rich conference/meeting rooms will allow the police station to function in the role of a teaching facility.

The new central fleet vehicle maintenance building includes a vehicle chassis wash bay, 12 vehicle maintenance bays for servicing the city's 450+ vehicles and motorized equipment, and features rooftop-mounted air handling units with energy recovery (ERU) as well as a dedicated roof mounted exhaust system.

The new four-story public works administration building effectively consolidates the city's highway, engineering, parks and recreation, and facilities departments all in one building.

This complex inner-city project required extensive coordination of utilities and streets to maintain service to all abutters. In addition, since the PWD had to remain operational at all times, the design team worked closely with the construction manager and the city to share access to the compact site throughout the construction process.

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High-Profile: Facilities Development News

Standard Completes Becton Project

by Marcia Kellogg

New Haven, CT - Standard Builders recently completed the new, 8,500sf Becton Center for Engineering Innovation & Design and Café for Yale University that occupies the renovated ground floor of an iconic, circa 1964 building. Known for having a successful track record of working with the owner, Standard Builders is

Marcia Kellogg

well respected for going above and beyond what is expected throughout the course of their projects. Working within fully occupied buildings is a specialty niche for Standard Builders, as they recognize and understand the implications of various construction activities.

Ongoing communication with all key project stakeholders is a key component to ensuring that their work does not negatively impact the building occupants.

The goal for the project included execution of seamless coordination of construction activities within an occupied research laboratory building, and use of Building Information Modeling (BIM) to provide coordination of high end finishes and the highest level of quality in construction. The result was a state-of-the-art innovation and design center that was recently recognized with the 2013 Connecticut Building Congress Project Team Award in the Small Renovation category (under \$10



million).

Intimately involved and actively engaged throughout the project, the ongoing collaboration among all team members eliminated much of the guesswork by the subcontractors. The collaborative spirit was apparent from the beginning, which started with a comprehensive preconstruction effort, and led to a smooth transition into the construction phase and throughout the duration of the project. 3D modeling provided efficiency and was a catalyst for achieving greater precision during construction within the strict tolerances for the new ceiling and mechanical chase wall.

Standard Builders' Project Manager was available at all times to ensure that the project came

together seamlessly. Understanding the nuances of asking the right questions and informing key individuals resulted in consensus among all stakeholders relative to scope and schedule changes. Although intangible, this often overlooked aspect of project management was positively reflected in the final project. "Standard Builders' presence on the project was incredibly valuable — taking on above and beyond what a CM should have to take on relative to mechanical system relocation and dealing with abandoned and inactive equipment within the building." —Tim Cohen, Charney Architects

Marcia Kellogg is Marketing Manager at Standard Builders.

Buckaplan Delivers

Waterbury, CT - Brian Burke's Buckaplan.com is an outgrowth of his re-prographics business based in Waterbury.

Burke says he's filling a need voiced by construction managers, contractors, subcontractors, architects, engineers, and people in the real estate industry. "Our clients are often under tremendous pressure to meet their deadlines and they can count on us to deliver as promised."

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Burke says large files can be easily uploaded to the Buckaplan.com website.

"We can produce oversized (up to 36" x 48") high-quality documents working from industry standard .tif, .pdf and .dwf files. Using the same high-end equipment and processes we use in the re-prographics business, we have the tools and experience to provide 100% satisfaction."

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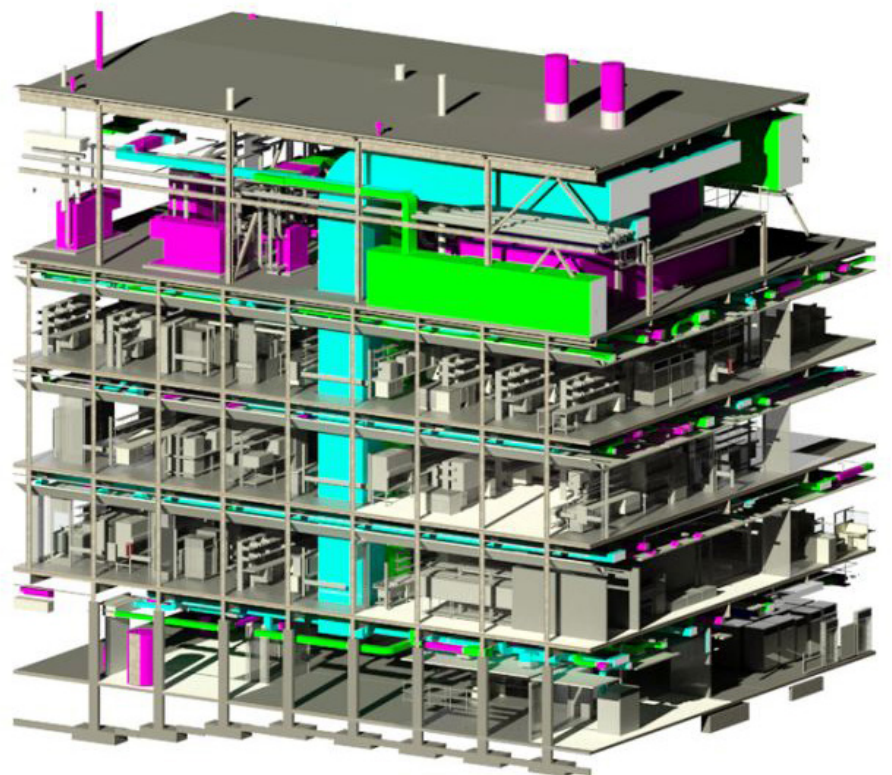
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High-Profile COVER STORY: BROAD INSTITUTE'S 75 AMES STREET

Broad Institute's 75 Ames Street

Suffolk Construction CM - Elkus Manfredi Architects - McNamara Salvia Structural Engineer

Cambridge, MA - The spirit of collaboration permeates every aspect of the Broad Institute's new research and development facility under construction at 75 Ames Street in Cambridge, from the planning and development stages to its ultimate goal of providing a collaborative space where researchers can work together to develop advancements in biomedicine.

Located in the heart of Kendall Square, a renowned science and technology hub, the new 15-story, 375,000sf facility will adjoin the Institute's 7 Cambridge Center building and house contiguous state-of-the-art laboratory and ancillary space for the Broad Institute, a unique biomedical research facility that draws together faculty, professional staff, and students from MIT and Harvard as well as from a hundred private and public institutions in more than 40 countries worldwide.

The Broad Institute, together with development manager Boston Properties, selected an innovative and fully integrated team which includes Elkus Manfredi Architects and preconstruction and construction manager Suffolk Construction. Design and construction are on a fast-track schedule, with building completion slated for January 2014. The facility has been designed to achieve LEED Silver certification. McNamara Salvia is the structural engineer.

The team is maximizing efficiencies made possible by their early collaboration and employing Lean Construction principles and pull planning. Specifically, they have engaged in:

- Reverse-phase scheduling. A sched-



Rendering of 75 Ames St. courtesy of Elkus Manfredi

ule was created within the parameters of the master milestone schedule to allow subcontractors to plan the project, starting with the work activity and then working backwards to the start of the schedule. This ensures that all contractors consider the work that must be done prior to any scheduled activity.

- Rolling six-week look-ahead schedule. Activities that are dropped from the reverse phase schedule are moved to this schedule and expanded upon.

- Weekly work plans. These are the plans brought to all weekly production meetings by all subcontractors so that the



Courtesy of Suffolk Construction

Erecting a nearly 60-ton plate girder onto a supercolumn

construction manager can ensure the team is on track for that week.

- Percent complete calculations. These calculations illustrate what each subcontractor actually accomplished against established weekly work plans. This is completed to ensure activities remain on track and identify areas of weakness that can be improved in future planning.

Virtual Design and Construction is also being used for clash detection on all mechanical systems. The team's use of these innovative, virtual tools has significantly helped avoid clashes and delays throughout

the project, and saved four months of coordination time.

Precoordination of beam penetrations before steel fabrication saved 80% of the cost of penetrations.

Construction began in November of 2011, and the topping off was celebrated in January 2013. The exterior façade is now nearly complete, and the team is working on drywall, fire protection, HVAC, and plumbing. The varied façade materials include terra cotta panels, precast concrete panels, unitized curtain wall, metal panels, and

Continued on page 19

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High-Profile COVER STORY: BROAD INSTITUTE'S 75 AMES STREET

Smart Data to Support Lab Relocations

by Christine Mosholder

"Show me the data," but please, just the data I need.



Christine Mosholder

Large scale research and development lab projects require a sizable project team and impact numerous scientists and staff. As such, early communication and an efficient system for data collection are critical to team collaboration and accurate equipment data at critical stages throughout the project.

The key to successfully developing these fundamental tools is to be realistic about the frequency and, in many cases, unpredictability of the changes to the overall organization and equipment inventory that will occur over the life of the project. Planning for the inevitable change process will promote a more dynamic team and generate a flexible set of deliverables that are easy to update and thus, more accurate over time.

Fort Point Project Management is currently applying this process to a 350,000sf project at the Broad Institute, where a four-year project from conceptual design through new building construction and occupancy necessitates effective communication and reporting tools early in the process, as well as an informed structure for the lab equipment matrix. At the forefront of the project, the Broad Institute assigned advocates from each lab group to work with the design team and, ultimately, the relocation team to provide their insight. The lab representatives shared their views about workflow, critical adjacen-

cies, and they highlighted atypical equipment that required substantial floor space, unique utilities and special move preparation and handling.

While soliciting feedback from project team members and lab representatives about how they planned to use the equipment inventory, the team paid special attention to the client's request, "Please don't create an equipment matrix that requires me to plot it on 12-ft.-wide paper with countless data points we'll never use." With that in mind, the relocation team developed an equipment matrix for data collection designed to feed reports tailored to the needs of select stakeholder groups. This integrated matrix design is user-friendly, allowing data to be easily filtered for specific audiences and particular project needs, like alarm points and exhaust locations. This concise reporting approach saves time and paper.

Finally, accepting the need for frequent data updates and establishing a protocol early with the team for maintaining the equipment inventory, will guarantee the integrity of the information over time. Ultimately, the success of this effort relies heavily on our relationships with the lab representatives and clearly communicating how this regular validation process will benefit them in preparing for the lab relocation, for example minimizing down time to their lab operations.

Having managed a number of complex lab relocations, Fort Point Project Management advocates for early communication, informed data management and reporting, and a user-friendly process for updates to accommodate the one given; change.

Christine Mosholder is cofounder of Fort Point Project Management.

McNamara/Salvia at 75 Ames Street

Cambridge, MA - As the structural engineer of record of Broad Institute, McNamara/Salvia Inc. (Mc/Sal) worked with the design team and owner to design a structure that provides design flexibility within budget constraints.

A major challenge for the design of this 15-level structure was the tight building site partially occupied by an existing eight-level post-tensioned concrete parking garage that was to remain. The fact that the

existing garage was not originally designed to support a future building above provided additional challenges beyond just the site logistics, as did the need to put new openings through the existing post-tensioned slab.

Mc/Sal designed a composite steel floor system with a steel braced framed core augmented with steel moment frames for lateral load resistance to provide an economical structural system that also provided

Continued on next page

Strescon Works on Broad Project

Cambridge MA - The construction of the Broad Institute's new 75 Ames Street building officially began in January 2012 and is expected to be complete by early 2014.

Strescon Limited provided the architectural precast on the project, and the steel was provided by its sister company Ocean Steel.

The building, designed by Elkus Manfredi architects, will encompass roughly 250,000sf, including 12 floors of research and office space, six of which will be connected to floors in the existing 7 Cambridge Center.

Roughly 5,000 tons of steel supplied by Ocean Steel supports the new structure, that will include approximately 80,000sf of exterior glass.

When complete, the expanded research campus will span some 480,000sf.

The project team also includes engineer McNamara/Salvia, Inc. and construction manager Suffolk Construction.



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High-Profile COVER STORY: BROAD INSTITUTE'S Broad Institute's 75 Ames St. Suffolk Construction CM - Elkus Manfredi Architects

Continued from page 17

stone.

A particular challenge that the team successfully overcame was the fact that there is no laydown area. In order to build the new 15-story building on the site's existing footprint, the team had to build up and over an active eight-story parking garage. Ten huge plate girders, weighing up to nearly 60 tons, and 12 super columns that support these plate girders were placed over and down through the garage. This involved bringing in two hydraulic mobile cranes, with 600-ton and 500-ton capacities, for a tandem pick in between multiple buildings with literally inches to spare.

Other features of the expansion include 4,000sf of retail space on the ground floor, three mechanical floors, and an open mechanical area on the roof. Approximately 5,000 tons of steel are being used to support the new structure, which will include

McNamara/Salvia at 75 Ames Street

Continued from previous page

flexibility for space planning. Floor-to-floor heights were typically 15 feet for lab floors and 20 feet for the three mechanical floors. The footprint of the upper floors of the building overlapped with two bays of the existing garage.

In order to maintain the function of the garage, new columns for the building could be located only on the garage column lines between the parking tray and the ramp. The required column layout on the lab floors



Installing terra cotta panels

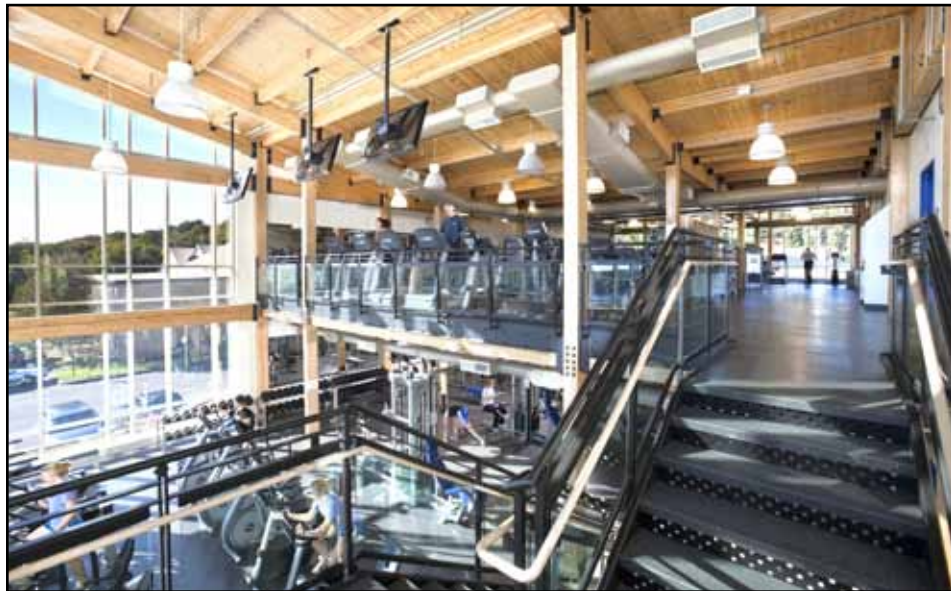
92,000sf of exterior glass.

The labs are planned on 30,000sf column-free floors with a central core for building and laboratory support. Fifteen-foot floor heights will allow all ventilation and laboratory gases to be delivered from the ceiling, a capacity that creates long-term flexibility as researchers' needs, methods, and equipment rapidly evolve.

resulted in a major column line being located over a primary drive aisle in the garage. To support the columns loads from 11 levels of new structure over the existing garage, Mc/Sal designed double 72" deep steel plate girders on the sixth level to transfer loads to 95 foot tall steel box columns which were threaded through the garage structure.

In the basement, new high capacity drilled mini-piles were installed between the existing garage footings. The pile caps were reinforced with W40 steel beams to spread the load evenly to the mini-piles in the tight space.

High-Profile: News Conn. Coll. Fitness Center Gets Silver



Connecticut College Fitness Center

Jim Fiora Photography.

Farmington, CT - KBE Building Corporation (KBE) and Einhorn Yaffee Prescott Architecture & Engineering have achieved LEED Silver certification for Connecticut College's Fitness Center in New London, CT.

The \$44 million project was completed in September 2009. The project consisted of 10,406sf of new construction and 4,492sf of renovations to the existing building and lobby. The building, which is considered 21% more energy efficient than the minimum design standards, was equipped with high-efficiency heating, ventilation, air conditioning, and lighting controls. Other energy efficient components include daylight sensors, which reduces energy consumption; low volatile

organic compound (VOC) paints, sealants, and adhesives; wood paneling that was manufactured without urea formaldehyde; and a high-efficiency ENERGY STAR rated roof.

In addition to the LEED Silver certification, KBE has received multiple awards for the Fitness Center, including the 2010 "Excellence in Construction Award" from the CT Association of Builders and Contractors and the Ruby Partnering Award from the International Partnering Institute.

Most recently, KBE achieved LEED Gold certification for Connecticut College's new Science Center at New London Hall. KBE has completed 16 projects that are LEED Certified or pending LEED Certification, including four LEED Gold.

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SMPS ROC Awards

Boston - The Society for Marketing Professional Services (SMPS) Boston chapter held its annual Recognizing Outstanding Communications (ROC) Awards for Marketing Communications and Achievements at Boston's Omni Parker House Hotel on Thursday, June 13, 2013. The event honors firms and individuals who have made outstanding contributions through communications vehicles to the A/E/C industry in the last year.

Award recipients were celebrated at the ROC Awards gala event, including first place winners in the following categories:

- Website: Nitsch Engineering
- Integrated marketing: TRC Cos, Inc.
- Event marketing: Sasaki
- Holiday piece: Tsoi / Kobus & Assoc.
- Marketing collateral: Sasaki
- Brand identity: Spurr Weston & Sampson
- Best in-house design: TRC Cos, Inc.
- Best in-show design: Sasaki
- New member of the year: Emily Cotter, CBT Architects
- Marketing professional of the year: Renee Driscoll, Rolf Jensen & Assoc., Inc. (RJA)
- People's Choice: GEI Consultants, Inc.



Mary Lewey, Sasaki holds up the award for the campus brochure & Best in Show.



Liz Tawater accepted the Best in Show Award for marketing the NRPA Trade Show event.



Laurie Strickland of Nitsch Engineering and Vanessa Schaefer of Clockwork Design



Emily Cotter, CBT Architects is the New Member of the Year

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High-Profile Focus: SMPS Awards

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Erin and Catherine Stanley of TRC accept first place for best Integrated Marketing Campaign



The SMPS awards committee (top l-r): Kate Shoss, ARC; Rebecca Roy, BOND; Kerri Keene, Bowdoin Construction; Julie Cunningham, Rhino PR; Andrea Lailnde, CDM; (Bottom) Kelly Cohane, GEI Consultants; Mark Guarino, Guarino Design; Danielle Jackson, CDM Smith.



Christopher Goldthwaite accepts for Tsoil Kobus for Best Holiday Piece.



Best In-House Design was accepted by Angela Cincotta and Dave Sullivan for TRC



Peter Guarnieri of Spurr / Weston & Sampson's Design Studio received first place for Design Identity.



SMPS president Rebecca Maloney presents Renee Driscoll with the coveted Marketer of the Year Award.



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High-Profile Focus: IFMA Awards



IFMA Boston Celebrates 2013 Awards of Excellence

Boston - The 10th Anniversary IFMA Boston Awards of Excellence; A Night to Shine! was held on May 23rd at the Renaissance Boston Waterfront Hotel in Boston's Seaport District. This event highlights contributions to the A/E/C community throughout the years and celebrates the best and brightest within the facility management profession.



Tom Palange of J.C. Cannistraro was awarded the You Make it Happen Award for all his work with the IFMA Boston Marketing & PR committee.



This year's President's Award recipient was Martha Vibbert, Ph.D. of Boston Medical Center's The SPARK Center.



This year's Best Practice: Large Project Award went to Smith College—nominated by RDK Engineers.



Judylynn Monaco of Da-Vita, Inc. was honored for her work in FM and within the Boston Chapter with the Lifetime Achievement Award.



The Exemplary End User Award went to Joanne Trask, CFM of Partners Healthcare.



Angela Rothemich of Liberty Mutual Insurance was honored with an Emerging Leader Award.



The Best Practice: Medium Project Award went to Kronos for their change management process—nominated by Packard Design.



The Sustainability Best Practice Award went to Steward Health—nominated by Environmental Health & Engineering.

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High-Profile Focus: IFMA Awards



Linda Sullivan of Shaw Contract was honored with the Exemplary Service Provider Award.



One of the Best Practice: Small Project awards went to the William J. Walczak Health & Education Center—the award was accepted by Shawmut Design & Construction.



John Hancock's new hoteling environment was honored with the Best Practice: Small Project Award.



One of the Emerging Leader awards this year went to Shane Savoie of Santander Global Facilities.

IFMA Awards Packard and Calnan Kronos Project Best Practice for Medium Project

Boston - Packard Design and J. Calnan & Associates won the 'Best Practice' Award for Medium Project at the IFMA Boston Awards.

Kronos Inc's new engineering workplace fit-up included open office and interior private offices, open and closed collaboration areas, multi-purpose lunch room, data center, game room, fitness center, phone rooms, employee cafe, stand-ups, outdoor patio, and history display and living walls.



Damianos Photography

New award-winning workplace

Smith College Project Gets IFMA Award RDK, Dinneen, Bond, CSL Project Team

Boston - The Smith College Clark Science Center Renovation project was awarded the IFMA 2013 Award of Excellence in the Large Project Category. The award was presented at this year's IFMA Boston Awards of Excellence Gala held recently at the Renaissance Hotel in Boston.

RDK Engineers (MEP), R.E. Dinneen Architects and Planners, Bond Brothers (construction manager), and CSL Consulting (owner's project rep) were on hand to receive the award, which was presented to the team whose project, system, innovation, or idea has had a substantial, positive effect on the success of their organization.

The Smith College Clark Science



Smith College Clark Science Center

Center project was a highly complex, multi-year, multi-phase, infrastructure intensive, design-build project. It began with faculty and staff that was promised a new, \$60 million science building just as endowment funding was shrinking.

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High-Profile Focus: CBC Awards



CBC 17th Annual Project Team Awards

Hartford, CT – The Connecticut Building Congress (CBC) held the 17th Annual Project Team Awards banquet on June 18 at the Bond Ballroom in Hartford. The following project team winners were announced:

New Construction

First Place

United Illuminating - Central Facility;
Owner: The United Illuminating Company; Designer: The S/L/A/M Collaborative; Constructor: The Whiting-Turner Contracting Co.

Award of Merit

Storrs Center - Owner: Leyland Alliance; Designer: BL Companies; Constructor: Erland Construction.

Major Renovations/Expansions

First Place

The Science Center at New London Hall - Owner: Connecticut College; Designer: Payette; Constructor: KBE Building Corporation.

Award of Merit

Yale-New Haven Hospital, New Environment of Emergency Care - Owner: Yale-New Haven Hospital; Designer: Salvatore Associates; Constructor: Turner Construction.

Small Projects

First Place

Yale University, Becton Engineering and Applied Science Center - Owner: Yale University; Designer: Charney Architects; Constructor: Standard Builders.

Award of Merit

UConn McMahon Dining Hall Renova-

tions - Owner: University of Connecticut; Designer: Prellwitz Chilinski Associates.; Constructor: KBE Building Corporation.

K-12 Schools

First Place

West Bristol School - Owner: Bristol Public Schools; Designer: Drummey Rosane Anderson, Inc.; Constructor: Gilbane Building Company.

Award of Merit

Fairfield Woods Middle School, Additions and Renovations - Owner: Town of Fairfield; Designer: Tai Soo Kim Partners; Constructor: Malkin Construction



View from the balcony at the Bond Ballroom in Hartford as guests begin to take their seats at the start of the evening.



Front row (l-r): Timothy W. Yahn (Malkin), Bruce Yahn (Malkin), Ralph Martin (Malkin), Twig Holland (Town of Fairfield), Mike Coviello (Malkin), Bhavik Vaghela (Malkin). Back row (l-r): Scott Anderson (GM2 Associates), Joon Baek (Tai Soo Kim Architects), Mehmet Sahin (Tai Soo Kim Architects), Randall Luther (Tai Soo Kim Architects), Brian McDonald (Malkin)



l-r: Simon Etzel (principal, KBE), Steven Allen (principal, Prellwitz Chilinski Architects)



"Congratulations to the Project Team Award Winners and Scholarship Recipients for 2013"

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High-Profile Focus: CBC Awards



Front row (l-r): Mike Audette (Bristol Public Schools), Steven D. Kononchik (Gilbane), Susan Moreau (Bristol Public Schools), John Smith (City of Bristol, Building Committee), Karrie Kratz (Gilbane), Nicholas Bouchard (Gilbane). Second row (l-r): James A. Barrett (Drummeys Rosane Anderson), Timothy J. Callahan (Bristol Public Schools), Taylor Gladding (Gilbane). Back row (l-r): Dave Dickson (Milone & Macbroom), Doug Lajoie (Consulting Engineering Services), Jason Williams (Milone & Macbroom), Patrick Delany (Gilbane)



Front row (l-r): Vincent Wilczynski (Yale School of Engineering and Applied Sciences Dean and Director of Graduate and Undergraduate Studies), Joe Luciano (Standard Builders), Rich Charney (Charney Architects). Middle row: Tim Cohen (Charney Architects), Jon Fraser (Standard Builders), Kim Thibault (Charney Architects), Melissa McGeown (Standard Builders). Back row (l-r): Sam Walker (Standard Builders), Mo Williams (Standard Builders), Tom Giola (Standard Builders)



Members of the award-winning Storrs Center project team



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High-Profile Focus: CBC Awards



Front row l-r: Brian Horgan (UI), Don Crowe (SLAM), Angela Basano (UI), Bill Maxwell (Whiting-Turner), Tom Wunder (Van Zelm), Adam Ducki (Van Zelm), Ed Edelman (SLAM). Second row l-r: Dorothea Brennan (UI), Andre King (Whiting-Turner), Scott Breig (Whiting-Turner), Brian Barsalau (Whiting-Turner), Leonard Rozovsky (SLAM), James Irwin (SLAM). Third row l-r: Doretta Sackville (UI), Katerina Miller (UI), Samed Mian (Whiting-Turner), Kevin Volpicella (Whiting-Turner), John Sinanis (UI), Christine Pariseau (UI), Dave Poulin (Whiting-Turner), Kyle Slocum (SLAM). Fourth row l-r: Bill Cook (UI), Anthony Vallillo (UI), Ed Drew (UI), Bob Palaia (SLAM), Peter Allen (Whiting-Turner), Fred Gohringer (UI), Eric Fontaine (Whiting-Turner), Al Ignoto (Blakeslee Prestress). Fifth row l-r: Debra Caron (SLAM), Anthony Jones (DKBE), Mark Criscuolo (Whiting-Turner), Gary Brallier (Whiting-Turner), Don Smith (BL Companies). Sixth row l-r: Dan Greenhouse (Whiting-Turner), Robert O'Meara (Robert O'Meara)



Front row (l-r): Jansen Chang (Salvatore Associates), David Carlson (SZS), Dan Kinard (GZA), Tom Roche (YNHH), Susan Shiely (YNHH), Lisa Braman (YNHH), Steve Carbery (YNHH). Middle row (l-r): Reynaldo Anaya (Salvatore Associates), Maury Cohen (YNHH), Brad Bevers (YNHH), Don DiMartino (Turner), George Zinser (Turner). Back row (l-r): Visda Saeyan (Salvatore Associates), Jill Hodson (Salvatore Associates), Brian Iljazi (Turner), Alberto Salvatore (Salvatore Associates), Paul LeClair (Turner), Erik Lindquist (Tighe and Bond)



L-r: Richard Davidow (Diversified Project Management), Stephen George (Manager of Planning, Design, and Construction, Connecticut College), Adam Moore (Project Manager, KBE), Toni Philips (Assistant Project Manager, KBE)



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High-Profile FOCUS: CBC Awards



CBC Scholarships

In addition to the project awards, four scholarships were awarded to graduating high school seniors, who are residents of Connecticut and will study an A/E/C related field in college in the fall.

The CBC scholarship fund President, Tom DiBlasi of DiBlasi Associate the fund's Vice President, John Hawley of Gilbane Building Company presented the checks.

The recipients are:

Megan Belval of Nonnewaug High School, Woodbury; college: Worcester Polytechnic Institute; major: architectural engineering.

Thomas D'Orvilliers of Vinal Technical High School, Middletown; college: Central Connecticut State University; major: construction management.

Brooke Ferraro of Bethel High School, Bethel; college: University of North Carolina Charlotte; major: architecture.

Jordan Kawulicz; of Bethel High School, Bethel; college: Virginia Tech; major: civil engineering.



Brooke Ferraro and Jordan Kawulicz, the first time two scholarship recipients were chosen from the same school.



Megan Belval



Thomas D'Orvilliers

High-Profile: NEWS

PDC Introduces Tekla BIMsight

Queens, NY - The \$656 million NYC Police Academy project is located on campus in Queens.

The first phase of the project includes 730,000sf of classrooms, offices, locker rooms, auditoriums, gyms, and training facilities all contained within an academic facility, physical training facility, and a central utility plant.

The project was designed by Perkins & Will Architects with Langan Engineering & Environmental Services serving as the engineer of record. STV and Turner Construction Company created a joint venture to provide the construction management and build services for the project.

Steel detailer PDC Asia Pacific Inc. (formerly 4D Global Group Inc.) used Tekla Structures to model the 9,100 tons of steel for the structures. Cives Steel then was the steel fabricator and Stonebridge the erector.

From the very beginning, it was clear that the academy was going to be a project where 3D model collaboration was not just mandated but practiced across all trades and all phases from conceptual design to estimating, construction, and facility management.

PDC found Tekla BIMsight to be easy to get (free), easy to learn, and easy to use, and still capable of handling relatively large files of multiple formats combined into one environment. Tekla BIMsight was introduced and integrated into workflows that included not only Turner/STV but also the fabricator and erector both off and on-site.

After a brief introduction and demonstration, Stonebridge, the erector recognized the benefits of having the model available both in the trailer (on a large flat panel monitor) and on the job site (on a rug-



gedized Windows tablet PC) as a 3D communication tool to easily and visually access information. Due to the ease of use and short learning curve, even the ironworkers on-site came to appreciate the benefits of Tekla BIMsight.

As the project progressed, the parties discovered increasingly useful and creative ways to extend the functional and practical benefits of Tekla BIMsight. For example, they imported the MEP models for clash detection and coordination with the complex and extensive piping and duct work, some of which was designed to be routed through castellated beams.

David Bailey sums up their experience with Tekla BIMsight: "It is the perfect collaboration tool for companies, teams, and individuals who need to interact with others who are relatively new to the 3D modeling environment but are also important contributors and stakeholders in the process."

"The most useful functionality of Tekla BIMsight is ultimately its ease of use," David Bailey says. A tool, no matter how good or how costly, is useless if it is not used. The most obvious benefit was the ability to communicate 3D issues in a virtual 3D environment. Being able to color-code and update members in the model based on a variety of criteria added even more communication functionality.

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High-Profile Focus: Life Sciences Facilities

Massachusetts Life Sciences Center – An Interview

High-Profile Monthly recently interviewed Susan Windham-Bannister, Ph.D., president and CEO of Massachusetts Life Sciences Center, a quasi-public agency of the commonwealth of Massachusetts, created by the Mass. legislature in 2006 to promote the life sciences in the commonwealth.

Here is a transcript of that conversation:

HP: What proportion of the \$1 billion Massachusetts Life Sciences Initiative appropriation might be channeled to the construction or renovation of facilities?

SWB: Half (\$500 million) of the 10-year initiative is dedicated to capital projects across the Commonwealth. Investment in infrastructure, was a key part of Governor Deval Patrick's vision in proposing the initiative, and is central to the state's broader strategy for accelerating growth in the innovation sectors. Through our investments in infrastructure the center is: 1) upgrading the facilities at our colleges and universities that are needed to train future life sciences workers; 2) creating unique, shared resources that can be utilized by industry and academia to accelerate the pace of innovation; and 3) strengthening the capacity of our academic and research institutions and building on the capabilities of different regions across our state that are important to the innovation life cycle, for example, advanced manufacturing and high performance computing. The projects that we are funding also are creating thousands of jobs across the commonwealth for construction workers, engineers, architects, and others.

HP: What geographic areas are cur-



Susan Windham-Bannister

rently being considered for life sciences?

SWB: A recent study by two noted economists at Northeastern University looked at the impact of the center's investments thus far. The analysis showed that the life sciences sectors are the fastest job-producing sectors in the Massachusetts economy, and since the initiative was launched, we are adding jobs faster than any other state. According to a separate study last year by Richards Barry Joyce & Partners, Massachusetts is No. 1 for biotech construction. Much of that growth has been funded through investments by the center, including our tax incentives, and is taking place in Boston and Cambridge. But the life sciences sectors are growing very rapidly in other areas of the state as well, including the Metrowest area, Merrimack Valley, Central Massachusetts, and the Southcoast region, where a new biopark is coming on line in Fall River. Bristol-Myers Squibb recently announced a \$250-million, 350-person facilities expansion at their existing site in Devens, located in central Massachusetts. The northern stretch of the Route 128 belt, which includes the towns and cities of Billerica, Burlington, Lexington, and Woburn, is seeing extremely rapid growth, with many companies receiving support for that growth through the center's life sciences tax incentive program.

At the center, we are focused on making capital investments across the entire commonwealth, and have committed more than \$327 million to capital projects thus far. In May, we awarded \$95 million toward the fit-out and equipping of three new "innovation centers" at the University of Massachusetts Amherst campus, part of more than \$100 million in capital investments that we have made in the western Massachusetts region over the past year. We have invested another \$100 million in capital projects in central Massachusetts, including \$90 million to support construction of the UMass Medical School's new Sherman Center for advanced therapeutics in Worcester.

HP: In what way can our local A/E/C industry support the Massachusetts Life Sciences Center?

SWB: The building-related sectors – architecture, engineering, contracting and construction – are an important part of our state's life sciences ecosystem, and the expertise found in these sectors is one of the key reasons that life sciences companies choose to locate and invest in major construction projects. Individuals working in these sectors can be helpful to the center through collaboration. The center relies on public-private partnerships to accomplish our mission, including collaboration with all elements of our life sciences community. At the MLSC we value that collaboration. One area that is ripe for collaboration is in the recruitment of new companies to the state. If you are working in the building-related sectors and are aware of a life sciences company that is considering an expansion in Massachusetts, please send them our way,

and we can explain to them all of the reasons why Massachusetts is the right place to do business. That will in turn lead to more demand for the services that you provide. Our web site is www.masslifesciences.com.

HP: What is the role of the Scientific Advisory Board (SAB)?

SWB: The MLSC Board of Directors appointed the Scientific Advisory Board to help inform decisions of the board with respect to the organization's overall strategy, programmatic initiatives, and funding. Dr. Harvey Lodish, a member of the Whitehead Institute for Biomedical Research and a professor of biology and professor of bio-engineering at MIT, is the chair of our SAB. He and 23 other multidisciplinary experts volunteer their scientific and business expertise to review applications for funding, and recommend the investments that represent the "relative best use" of funding from the center. The SAB includes some of our state's leading scientists from both industry and academia, along with entrepreneurs and investors. The SAB is responsible for recommending awards to the MLSC Board of Directors based on the relative scientific merit and business plan of each applicant. Ultimate authority for awarding of funds rests solely with the MLSCs Board of Directors.

The role of experts, including our SAB, in guiding the investment decisions of our board of directors was cited by the author of the recent evaluation report as the center's "secret sauce" in making sound investment decisions.

HP: Do MLSC investments for facili-

Continued on page 32

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High-Profile FOCUS: Life Sciences Facilities

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For over a decade, Idenix Pharmaceuticals, Inc. has leased space in Cambridge at 60 Hampshire Street and One Kendall Square. As the lease neared its term, the



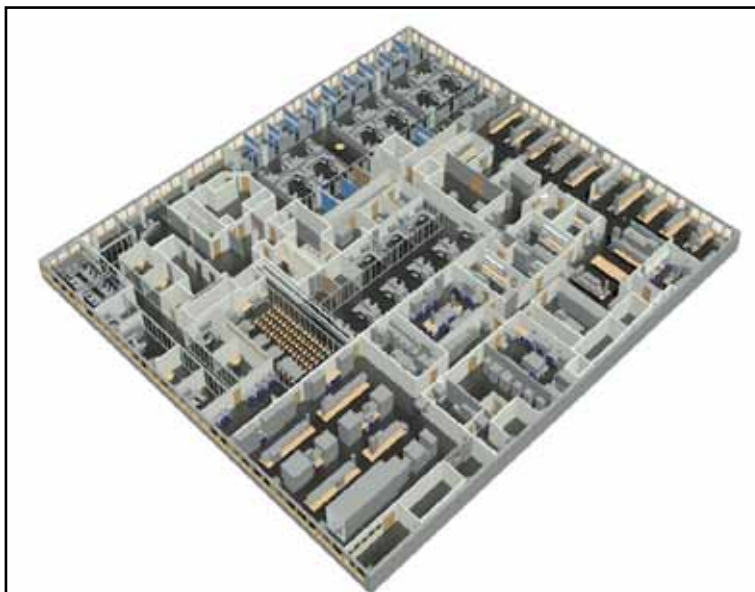
Mark Reed

drug discovery company had to make big decisions about its real estate options. Sam Wilde, Idenix's Facilities Director, hired Lab / Life. Science. Architecture, Inc. (LAB) to assist in determining their space requirements and to explore how they would fit into a

number of available properties in and out of the city.

Initially, the lure of the suburban R&D properties, with bigger footprints and lower rents, held sway over the company. Upon closer examination of the company's priorities, however, the leadership determined that Kendall Square best suited their strategic needs. This was primarily due to the access to academic research in the area and the collaborative partnerships Idenix has enjoyed with other Cambridge-based biotech companies.

Never losing sight of the financial aspects of the decision to remain in Cambridge, Idenix started to focus on a real estate solution that had retained value through the reuse of existing laboratory space. This led them, eventually, to a deal



Aerial view of the 40,000sf plan Photo by Lab / Life. Science. Architecture, Inc.

with BioMed Realty Trust, Inc. (BMR) whose portfolio of space included an existing lab/office at 320 Bent Street that very closely approximated the office / chemistry / biology ratio that Idenix needed. According to Wilde, this solution best met the strategic objectives to "upgrade our facility and create a space that better suited our processes for R&D Research with an open environment more suited to open collaboration among our personnel."

The existing space was not ideal in many ways, either from a functional or an aesthetic standpoint, so it was clear that a transformation was needed. Hav-

ing developed a strong working relationship with BMR in the past, Idenix decided to have BMR deliver the space on a turnkey arrangement. BMR assembled a team that included The Richmond Group /TRG Builders and AHA Engineers, and was led by Mark Reed and Stephanie Goldberg, principals at LAB, as designers and architect of record.

Task One was to evaluate the existing conditions and determine the areas that had the best potential for laboratory re-use. Task Two was to clarify the circulation patterns and clear up a clutter of opaque support labs. Task 3 was to re-conceive the rabbit warren of office space as a light filled, open office environment. All together, this approach yielded a project plan that met the functional and aesthetic needs of Idenix at a construction cost that was substantially below industry standard. As Dave Mello of the Richmond Group said,

"this is a great example of how to reposition a space on short money."

Key features of the 40,000sf plan are the restoration of large areas of open lab environments for fume hood intense chemistry and bench based biology research. Second is the consolidation of support labs into simple rectilinear bands that reinforce the circulation concept. Third is the creation of an open and glassy lobby, conference, and office space that brings all personnel into easy access of one another. Finally, a 100-person lunch room / conference area sits in the heart of the floor plan, linking the lab and office zones. The vibrantly green furniture in this area evokes a city park and serves as the community hub of the company.

The turn-key renovation of lab and office space was delivered on time and on budget in April by the highly communicative and project-focused team of tenant, landlord, architects, engineers and builders. According to Wilde, "The project from design to construction to close-out went very smoothly. The process was open, the communication was very good and the follow up, when necessary, was very thorough. The entire project went as smooth as you'd because of the team atmosphere and open communication. When it came time to relocate the personnel and introduce them to the new space the company was delighted and energized."

Mark Reed is the Principal at LAB/ Life. Science. Architecture, Inc. of Charlestown, Mass.

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High-Profile FEATURE: SOUTH SHORE MEDICAL CENTER

South Shore Medical Center Well Under Way

Campanelli CM

Norwell, MA - Construction on the new South Shore Medical Center is well under way in Norwell. The 80,000sf medical building located on Longwater Drive is expected to open this fall. The new building will consolidate South Shore Medical Center's existing Norwell office and its Libbey Parkway, Weymouth facility into one location, effectively creating the anchor of a planned medical campus.

The new center is being jointly developed by South Shore Medical Center and Foxrock Properties of Quincy. The facility will feature 100 examination rooms and 70 medical offices, along with easier



Rendering of South Shore Medical Center



South Shore Medical Center under construction

access, additional parking, comfortable waiting rooms and care areas, and more advanced diagnostic and treatment equipment for South Shore Medical Center's team-based care of patients.

Over the past three weeks, crews have been busy installing a unique terra cotta rain screen façade. Aside from creating an interesting appearance, this unusual exterior offers several benefits. The terra cotta panels, which are manufactured in Germany and measure approxi-

mately 48" wide by 18" high, are installed as an enclosure around the main structure, standing about 1.5" away from the building itself.

This allows for air to circulate between the building wall and the high performance screen, which in turn serves as insulation. The terra cotta rain screen façade provides protection from New England's cold winters, as well as shade from

Continued on next page

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High-Profile FEATURE: SOUTH SHORE MEDICAL CENTER

Continued from previous page

the sun, helping the building maintain a comfortable temperature year round, while using less energy.

"Campanelli Construction is proud to be working with Foxrock Properties and its client, South Shore Medical Center, in this turnkey, build-to-suit project. This medical facility will continue to illustrate the breadth of complex medical construction Campanelli is capable of managing," stated Jeff DeMarco, president of Campanelli Construction.

This will be Campanelli Construction's third recent medical facility project. Recently, Campanelli Construction has completed Weymouth Woods Medical Center, constructed for oncology, radiation therapies, women's health, orthopedic and physical therapy services located in Weymouth, Massachusetts, as well as



South Shore Medical Center under construction

2 Pond Park in Hingham, Massachusetts, which features a state-of-the-art day surgery center including six surgery suites, pain clinic, and imaging diagnostic center.

Project Team for South Shore Medical Center:

Architect - **Steffian Bradley**

Developer - **Foxrock Properties**

Construction Manager - **Campanelli**

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High-Profile Focus: Life Sciences Facilities

McPhee Works on Biogen HQ

Cambridge, MA – McPhee Electric, Ltd., a NECA contractor of Medford, is well under way with the comprehensive electrical construction of the first building of the state-of-the-art Alexandria Center at Kendall Square, located at 225 Binney Street in Cambridge. The facility will serve as Biogen Idec's new executive office headquarters as the company moves from its current facility in Weston.



The Alexandria Center Rendering: Spagnolo Gisness & Associates, Inc.

McPhee is teamed with architects Spagnolo Gisness & Associates; Nelson Architecture and Engineering P.C.; general contractor Consigli Construction, Milford, and electrical engineer: R.G. Vanderweil on the project. McPhee's project scope includes core and shell electrical construction of the six-story, 310,000sf facility, plus custom electrical and communications build-out for Biogen Idec, the global biotech company.

The Alexandria project is being built utilizing a BIM construction platform. McPhee Electric was awarded the project on a design-assist basis. In the preconstruction phase, McPhee assisted in completing design engineering and shop drawings. The contractor also provided real-time cost estimating during design development, as

well as recommendations for design alternatives beneficial to the project, and solutions to constructability issues.

The project entails integrating primary power – 13.8 kV switchgear and 13.8 kV substation transformers – from Biogen Idec's existing cogeneration facility in Kendall Square. The project also includes sitework and electrical installations for two levels of underground parking and a cafeteria on the first level.

When complete, the Alexandria Center will be a \$500 million, 1.73 million sf campus, comprised of five world-class, build-to-suit science and technology buildings in the heart of Cambridge. The facilities will all be designed to be flexible, modern laboratory and high-tech office settings, integrating a variety of innovative spaces designed to encourage collaboration.

Z-Medica Opens Boston Office

Boston - Z-Medica LLC, a developer and marketer of hemostatic agents, and the Massachusetts Life Sciences Center (MLSC) announced that the company has opened a new office at 470 Atlantic Avenue in Boston. The new office, which opened on May 1, 2013, enables Z-Medica to bring the company closer to one of the world's most active regions for research to advance new therapies to control bleeding.

Z-Medica manufactures the QuikClot family of hemostatic products. QuikClot is used to treat bleeding by health-care professionals, law enforcement, first responders, adventure and outdoor sports enthusiasts, veterinarians, and consumers. QuikClot Combat Gauze® is the only hemostat recommended by the U.S. Department of Defense for all branches of the U.S. military for treatment of severe hemorrhage on the battlefield.

"In Massachusetts we invest in the life sciences because we are choosing to shape our own future," said Governor

Deval Patrick. "I welcome Z-Medica to our life sciences supercluster and look forward to the jobs and economic opportunities they will bring."

Through the Massachusetts Life Sciences Center, Massachusetts is investing \$1 billion over 10 years in the growth of the state's life sciences supercluster. These investments are being made under the Massachusetts Life Sciences Initiative signed into law by Governor Patrick in 2008.

"On behalf of the team at the Massachusetts Life Sciences Center, I am excited to welcome Z-Medica to the Commonwealth," said MLSC President & CEO Dr. Susan Windham-Bannister. "Z-Medica's technology is changing how medical professionals approach wound care management in patients, enabling haemostasis, or the stoppage of bleeding, more quickly and efficiently. We look forward to supporting Z-Medica as its team puts down roots and grows in Massachusetts."

Mass. Life Sciences Center - An Interview

Continued from page 28

ties development work with the same kind of guidelines as the state's Division Capital Asset Management (DCAM)?

SWB: No. As a quasi-public agency we are not subject to these guidelines, nor are the project sponsors that receive capital funding from the center unless they are state entities that are otherwise subject to these guidelines for construction projects.

HP: Does the MLSC interact directly

with those who develop, design, and build facilities?

SWB: The MLSC is a funding agency, which means that we provide the grant funding that enables these projects. The institutions that we fund manage the actual projects through to completion, including the selection and management of vendors and service providers. Project sponsors report regularly to the center on their progress.

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High-Profile: Educational Facilities News



UMass Lowell Topping Off

Lowell, MA - On Wednesday, June 19, the UMass Lowell community, including students, faculty, members of the Lowell Legislative Delegation, and the UMass Building Authority, came together for a topping off ceremony of University Crossing, a 230,000sf complex that will serve as a hub of student activity and provide an important connection between the university's three campuses and the downtown business and cultural district.

The raising of a 34-foot-long steel beam bearing the electronic signatures of 1,500 students, faculty, and staff was a milestone in the construction of the new, \$95 million student-engagement center.

Working with the university on the design and construction of the new center are Joslin, Lesser + Associates, Perkins + Will, and Shawmut Construction.

The 143,600sf building, under construction as part of the University Crossing complex, is scheduled to open for the fall 2014 semester and will be home to a variety of student services and other amenities open to both the campus and the public, including the university's flagship bookstore, a food court and café, an event space accommodating up to 500 people, and meeting rooms. The center will also house the offices of student clubs and related programs.

"Today, we are marking an important step in the path to completion of University Crossing. When the university acquired this site in 2011, we envisioned it as a vibrant hub uniting our three campuses and



UMass Lowell Chancellor Marty Meehan signed the last steel beam at the topping off ceremony.

the community, and as we see this student center taking shape, it is exciting to know that we are closer to reaching our goal," said UMass Lowell Chancellor Marty Meehan.

Located at a central point between UMass Lowell's north, south, and east campuses and walking distance from the downtown business district, University Crossing is already the site of an 86,600sf building adjacent to the new center. That structure has undergone extensive renovations, and by this fall will be home to departments including university police, student financial

services, financial aid, parking, transportation, environmental management, and the registrar's office. When the student center is completed, approximately 800 people will work at University Crossing.

Located across the Merrimack River from the university's North Campus, the student center will boast a four-story glass atrium that will offer a dramatic view of the \$80 million Mark and Elisia Saab Emerging Technologies Innovation Center on North Campus and the new Richard P. Howe Bridge, also set for completion in fall 2014, which will span the river between the buildings.

RDK Completes Ctr at Wheelock Lee Kennedy Co CM



Wheelock College Earl Center for Learning and Innovation

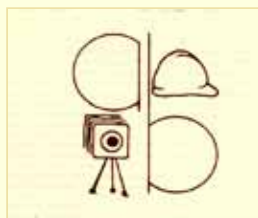
Boston - RDK Engineers recently celebrated the ribbon-cutting for the new Earl Center for Learning and Innovation at Wheelock College. RDK's project team, led by RDK principal Chris Hildreth, joined with design team William Rawn Associates, construction manager Lee Kennedy Co., and many faculty members, students, and alumni of Wheelock College to celebrate the new facility's official opening.

RDK Engineers provided mechanical, electrical, plumbing, and fire protection engineering services on the new three-story addition that greatly expands the potential of the old Resource Center. The 10,000sf addition laid out as one large, open space on the first floor with a flexible design allowing sections to be closed off for use as a private classroom or workshop space.



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High-Profile: CONNECTICUT FACILITIES DEVELOPMENT NEWS



Park Sq Phase 2 Begins Associated Const & A.P. Const Team Up

Stamford, CT - A.P. Construction Company and Associated Construction Company have teamed up as a joint venture to construct the second phase of the Park Square West project located in downtown Stamford for Trinity Financial.

Trinity's Park Square West Phase 2 project will be a \$46 million, 225,000sf luxury, high rise mixed-use development consisting of 209 residential apartments with approximately 6,800sf of ground floor retail. The 15-story apartment building will be steel framed with a brick faced precast concrete and glass curtain wall exterior skin. Work began this May and will be completed in approximately 24 months.

The property, located at 66 Summer Street, will consist of a mix of studios, one and two-bedroom units. Building amenities will include a main lobby area with a reception/security/concierge desk, and a breakfast bar.

The second floor will feature a management office, fitness center, bathrooms, and a community room with a kitchen area. Each unit will feature a full appliance package with a washer and dryer, granite



Rendering of Park Square West

countertops, stainless steel appliances including an electric range/oven, a built-in microwave with vent-hood, a frost-free refrigerator/freezer, garbage disposal, and a dishwasher.

The Phase 2 project also includes an \$8.8 million extension of the existing Urban Redevelopment Commission garage, adding a 110,900sf, six-level precast structure housing 321 additional parking spaces.

Construction on this phase will start in the spring of 2014 and be completed in May 2015. The last phase of the project consists of constructing a 15-story, 208-unit apartment complex on the west side of the site and is expected to break ground in summer/fall of 2015 and completed 24 months later.

Two Join DPM

Hartford, CT - David Babcock and Matthew Walsh have joined the staff of Diversified Project Management (DPM).

Babcock has joined DPM's Hartford office as project manager. He will be working on a variety of facilities-related projects. A veteran of the construction industry, he spent 15 years as a superintendent with CASLE Corporation where he worked on several key projects. Prior experience includes Broad Park Development Corp., and Construction Services of Bristol.

Walsh has joined DPM in the role of project manager and will be working in the technology solutions group supporting its clients' CAFM needs. He possesses several years of experience in



Babcock



Walsh

design and relocation of manufacturing and laboratory facilities and CAFM systems management.

He comes from Pfizer Global Operations N.A. and is currently working on several projects, including Bentley University and FM Global.

BL Names New Principals

Meriden, CT - BL Companies, Inc. an employee-owned, multi-disciplinary architecture, engineering, environmental, and land surveying firm, recently named six employee owners to principal.

In the Meriden office: Michael J. Garon, LS, crew chief; Thomas C. Hamilton, senior project manager; and Michael G. Fisher, PE, senior project manager.

In Camp Hill, Penn.: Robert P. Blickley, senior project manager; Alaric J. Bushner, PE, senior engineer; and Lucas J. Hahn, PLS, senior land surveyor.

According to Carolyn Stanworth,



Garon



Hamilton



Fisher

president and CEO, "Their past contributions, dedication to BL Companies and demonstrated ability to positively influence the performance of the company as a whole, and over the long term, have earned them this opportunity."

These six will join the ranks of the company's 34 current principals.

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- Tuesday, July 16, 2013 4:30-5:45 p.m.
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The Yale University Co-Generation Plant - Rob Charney, AIA and staff from the Yale University Facilities Department will lead a tour of this award winning project, which is about both design and the extraordinarily complicated construction process that integrated many technical considerations.
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High-Profile: FACILITIES DEVELOPMENT NEWS

How to Set up the Team to Succeed! New Biomass Central Heating Plant

by Christina Pungerchar

How many meetings have you been to lately when you were less prepared than the organizer? Do you attend meetings with



Christina Pungerchar

little or no explanation other than "You have to be there"? We have all been there, trying to navigate the meeting in order to provide a decent response/answer to a question that may or may not be asked.

In the interest of research, I polled clients, consultants, coworkers, and business associates, across the design and construction industry. A whopping 75% of these folks admit to having been to a meeting in the last two weeks where the agenda was not set, that the topic for the meeting was vague, and that had they known more they could have been (would have been) better prepared.

What this boils down to is a lot of waste and inefficiency. Ineffective planning largely is translated into ineffective meetings. What's more, there is no shortage of blogs, posts, articles, studies, etc on this topic.

Wasted time = wasted money = questionable fees = lower profits. Poor service, poor business, and imagine how frustrating for the team members!

Often times, definition-less meetings have some shred of value, but what could have been done to salvage the effort? How do we set ourselves up for more successful meetings? Planning and Plan the Meeting

through: Who are your critical attendees and are they free for the meeting? Does the project schedule dictate timing or does the need for particular participation have greater significance? This is a critical decision for the project manager; however, distilling down "the need" should remove doubt.

If time is of the essence and team members are having difficulty clearing their schedules, work through and discuss with team members what is expected of the meeting. Perhaps coverage is possible. While we work to attend each meeting, there are scenarios where schedules conflict.

It is often better to have the discussion and resolve with the owner/client how to achieve a meaningful meeting, with minimal conflict. There are often hidden opportunities to have capable team members cover meetings, expanding their exposure to clients and discussions. Consider your busy schedule an opportunity for others on the team to grow!

Reminiscent of grammar school, don't forget the simple and effective details such as: who, what, when, where, and why. Who needs to be in the meeting, really? What is going to be discussed? What is going to be expected of the attendees? When is the meeting scheduled and for how long? How frequently? Where is the meeting being held - better yet, where do we 'anticipate being' at the end of the meeting? Why get together in the first place? Some meetings are simply to check in and report, others have more substance.

An agenda should be carefully thought

Continued on page 43

Jaffrey, NH - RDK Engineers is providing prime project management and engineering design services for a new Biomass Central Heating Plant (CHP) to be constructed on EMD-Millipore's Jaffrey campus. The new biomass plant represents the single largest infrastructure capital improvement project undertaken at the Jaffrey manufacturing site, targeted at significantly reducing the company's greenhouse gases.

The project is being designed and built using an integrated project delivery method. Millipore and RDK are working with Lean Project Consulting, Inc. who is providing lean construction training, consulting, and oversight.

Being designed with future expansion in mind, the new CHP will effectively replace 14 existing oil-fired boilers that currently produce heat and steam for the plant and associated processes. The biomass system will incorporate two independent trains from silo to emissions control with 100% redundancy.

Additional scope includes interconnecting to the existing boiler plants and networking them for redundancy; right-



Rendering by the H.L. Turner Group
Millipore CHP - final perspective

sizing the system; confirming net plant output; sizing of deaerator consumption and of turbine for cogeneration; complete site design; and overall project management throughout the entire construction project.

In order to optimize the final design, RDK's design team will be investigating prospective biomass equipment vendors and supply firms, which will include the study of cutting-edge biomass systems in operation.

The H.L. Turner Group, Inc. is providing architectural, structural, and civil engineering services; Progress Engineering, LLC is providing process automation and control solutions consulting; and Power Engineers will be providing the air permitting consulting services.

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Kennedy Begins School Addition Designed by William Rawn



The addition will link to the original building

Boston - The Winsor School broke ground recently on a major building project on its campus in Boston's Longwood Medical Area. Lee Michael Kennedy of Lee Kennedy Co. was on hand with several members of his team to break ground, and the company has already begun construction on the sweeping addition that will

nearly double the educational space.

When completed in 2015, it will add more than 130,000sf, including new centers for the performing arts and for athletics and wellness, plus innovative academic classrooms.

The addition was designed by William Rawn Associates.



Winsor School view from the courtyard

Renovations Begin at Springfield Coll

Burlington, MA - Upgrades to the main classroom building at Springfield College's Locklin Hall has begun. Teaming with Jablonski DeVriese Architects, Erland Construction will perform the work over the summer, and it will be completed before students return to school in early September.

Originally a manufacturing facility built in 1914, Locklin Hall was acquired by the college in the mid-1960s. The 64,960sf building is comprised of three floors and a basement and houses classroom space and administrative offices.

Work will include partial window replacement; a new energy-efficient, code-compliant white roof; exterior masonry restoration; a new stairwell addition; lobby upgrades on each floor; and other floor plan



*Jablonski DeVriese Architects
Locklin Hall Rendering*

reconfigurations. The building will remain partially operational throughout the summer, so a temporary second means of egress will be created to ensure the safety of all individuals.

CTA Attends School Ribbon-Cutting SMMA Architect

Billerica, MA - CTA Construction of Waltham attended the ribbon cutting ceremony for the recently completed new 89,093sf, two-story Parker Elementary School in Billerica. CTA completed the project ahead of schedule.

CTA worked closely with the school building committee, the owner's project manager Joslin, Lesser & Associates, and project architect SMMA/Symmes Maini & McKee as well as other project team members to complete construction of the new school and demolition of the older elementary school.

The Parker Elementary School contains classrooms, gymnasium, music/art rooms, library/media center, and cafeteria.



Parker Elementary School

um. The cafeteria contains a stage for theatrical productions. Numerous windows and glass walls throughout the school provide ample daylight for the students, faculty, and administrators. An outdoor courtyard allows for additional educational space for faculty and students.



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BOND Breaks Grnd on Middle School

Wakefield, MA - BOND recently broke ground on the construction of a replacement school for the 1955 constructed Galvin Middle School in Wakefield. The new school is to be built adjacent to the existing Galvin Middle School in multiple phases so as to ensure continued operation throughout the construction duration. Final project completion is scheduled to be ready for the 2015 academic school year.



The fifth grade class of the Galvin Middle School participated in the ceremonial groundbreaking.

Sophia Academy Capital Campaign

DBVW Architects

Providence, RI - Sophia Academy, the only middle school in Providence focused specifically on girls from low income homes, is moving back to the Elmwood neighborhood where founder Mary Reilly, rsm began the school 12 years ago. The school hopes to move into its new home during early 2014.

Originally built as the Industrial Trust Bank in 1948, this two story, 14,000sf masonry building will receive minor interior alterations including abatement, partition relocation and new bathrooms.

Durkee, Brown, Viveiros & Werenfels Architects (DBVW), of Providence was chosen as the architect for the project.

The school has embarked on a \$1.5 million Wisdom to Dream capital cam-



U.S. Senator Whitehouse speaks at the wall-breaking ceremony.

paign co-chaired by R.I. philanthropists Suzanne Murray and Anne Szostak. Murray announced that more than \$1.4 million has already been raised in gifts and pledges. The campaign will continue to raise funds to meet its goal.

Design for Wilmington High Completed

Vanderweil and Dore & Whittier Collaborate

Wilmington, MA - R.G. Vanderweil Engineers, LLP, a Boston based, full-service engineering firm, is collaborating with Dore & Whittier Architects on the design of the new Wilmington High School. The new facility will consist of 193,000sf and will be divided into three floors.

The first floor will feature the main offices along with specialty classrooms and spaces: a media center, a black box theater/lecture room, an auditorium, a gymnasium with a raised perimeter track, plus music and art classrooms.

The second and third floors will house general classrooms arranged in clusters of small learning communities to promote interdisciplinary collaboration and the 21st Century Learning paradigm.

Each cluster will contain four general classrooms, two small group rooms for project work, along with teacher planning spaces and special education space. Flexible modern science laboratory/classrooms will be stacked on the 2nd and 3rd floors of the school for efficiency of utilities and to serve all the small learning communities.

In an effort to minimize interruption to the day to day life at the high school throughout the construction, the new school was located on the parking lot, softball field, and gymnasium footprint, allowing minimal phasing along with a reduced construction schedule. Throughout the construction phase, the existing building will remain functional, as the new facility



*Rendering by Dore & Whittier Architects
New Wilmington High School*

will be built adjacent to the existing high school.

As part of the design initiative, Wilmington High School was designed to achieve LEED® Silver certification. One of the feature sustainable elements incorporated into the school's design is a central courtyard. The courtyard will allow an abundance of natural light to pour into each of the classrooms and various meeting spaces throughout the school. The lighting design incorporates photocells and motion sensors as part of a daylight harvesting strategy to conserve energy when sufficient natural light is available. In addition, the courtyard will serve as an outdoor seating area for the students and faculty to enjoy at lunch-time.

The building will be fully air-conditioned using a water-based cooling tower to produce chilled water in the most energy efficient and cost-effective manner. As part of the LEED design the HVAC system will exceed the 2009 IEC.

The anticipated project completion of Wilmington High School is Summer 2015.



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High-Profile: Awards



Appleton Mills Rehab Awarded Designed by Copley Wolff

Boston - The 35th Annual Preservation Awards Ceremony was held in May at the Massachusetts Archives Building in Dorchester.

Secretary of the Commonwealth and Chairman of the Massachusetts Historical Commission William Galvin presented an award to Trinity Financial for the rehabilitation and adaptive reuse of Appleton Mills in Lowell.

Appleton Mills was chosen based on the adaptive reuse of the former Appleton Manufacturing Company property constructed in the early 1900s. Trinity Financial worked in collaboration with Copley Wolff Design Group and ICON Architecture with the design for Phase 1 of the



Appleton Mills

Hamilton Canal District Master Plan.

Copley Wolff Design Group's landscape plan of the mill yard incorporated a symbolic use of water, which powered the original turbines, while emphasizing the gateway connection across the canal. Rain gardens are partially enclosed by stacked block seatwalls, and a lighted fountain runs parallel to the original penstocks.

"The projects the commission is recognizing this year are particularly diverse and represent the many creative ways that

significant historic resources are being preserved across the Commonwealth," said Secretary Galvin.

"The redevelopment of the Appleton Mill was designed to attract local artists while preserving its historic nature," said John Copley, principal at Copley Wolff Design Group. "Keeping that goal in mind, we incorporated the rain gardens and fountain to complement the Hamilton Canal."



The project team receives award - (l-r): Larry Sparrow of Trinity Financial; Maureen Cavanaugh of Epsilon Associates, Inc.; William Galvin, the Secretary of the Commonwealth of Massachusetts; John Copley of Copley Wolff Design Group; Kendra Halliwell of ICON Architecture, Inc., and Kevin O'Neil of ICON Architecture, Inc.

Laura Handler Recognized

Boston - Laura Handler, director of virtual design and construction (VDC) for



Laura Handler

Woburn-based Tocci Building Companies, has been named as one of the "Top Young Professionals in New England" by ENR, a design

and construction industry publication. Candidates were judged by an independent jury based on their career experience, industry leadership, and community service as well as a host of other factors.

Handler was primarily recognized for her work as a thought leader in the fields of VDC and building information modeling (BIM), expertise that has earned her not only a seat at the table of Tocci's building executive committee, but national recognition as well. Handler recently served as chairperson for the recent BIM Forum conference.

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High-Profile: AWARDS

Emery School Project Recognized

Portland, ME – At the Maine Real Estate & Development Association (MEREDA) Annual Spring Conference held in May, the Emery School project was recognized as “noteworthy and significant.”

The 27,000sf historic 1912 Emery School, which once served as a neighborhood elementary school in Biddeford, was transformed into affordable, senior housing units for Avesta Housing of Portland.

AlliedCook served as construction manager on the project.

Each year, MEREDA recognizes the most noteworthy and significant Maine commercial development projects from



Emery School was transformed into senior housing units.

the previous year, all of which embody MEREDA's belief in responsible development.

Ganek Receives Tsongas Award

Carlisle, MA - Ganek Architects, Inc. is the recipient of the 2013 Paul Tsongas Award for historic preservation projects. “The Tsongas Awards honor those who make historic preservation projects happen,” states James W. Igoe, president of Preservation Massachusetts, a statewide nonprofit organization dedicated to preserving the commonwealth's historic and cultural heritage. “Ganek Architects exemplifies the skill, creativity, and pragmatic approach required to maintain the integrity of these historical sites, and make the vision a reality.”

“These historic structures were once the lifeblood of New England,” says Barry Ganek, AIA, LEED AP, CEO of Ganek. “It is deeply satisfying to restore them to the urban fabric - to take something that



The Lofts at Perkins Park

was desolate and forsaken and turn it into something that is vibrant and fully alive once again. That is what Ganek Architects is passionate about and why the recognition that this award brings means so much to us.”

Zero Net Energy Building Awarded

Danvers, MA – The American Council of Engineering Companies of New Hampshire named GZA GeoEnvironmental, Inc. “Engineering Excellence Award Winner for Building/Technology Systems” for its geothermal design and construction services on the first state-owned Zero Net Energy Building (ZNEB), the health professions and student services building at North Shore Community College (NSCC) in Danvers.

The architect for the project was DiMella Shaffer Architects of Boston. The Commonwealth of Massachusetts, Division of Capital Asset Management, was the end client who managed the design and construction of the building on behalf of NSCC.

A highly efficient geothermal heat pump system was selected to heat and cool the building. This proven technology, which uses the steady 55°F temperature of the earth as a primary heating or cooling



Accepting the award are Bruce Fairless, PE, LEED AP, and David Lamothe, PE, of GZA.

source instead of fossil fuels, has been successfully employed for over 40 years and is becoming a standard consideration for heating and cooling in most new and renovated building construction.

KBE Website Wins Award

Farmington, CT – KBE Building Corporation has won the Marketing Communications Award (MCA) for Best Website from the Society for Marketing Professional Services (SMPS) Connecticut Chapter.

The website was launched in October 2012 and features many dynamic elements, including an extensive project gallery, videos, blog posts, and a spotlight on KBE's annual community out-

reach initiative, 50 Ways to Make a Difference.

KBE values the website as its primary, foundational tool to communicate the company's breadth and depth of work over more than five decades, the ingenuity and tenacity of its team, and clarity regarding the firm's ownership, Mike Kolakowski, Eric Brown, and Simon Etzel, and their hands-on involvement in projects

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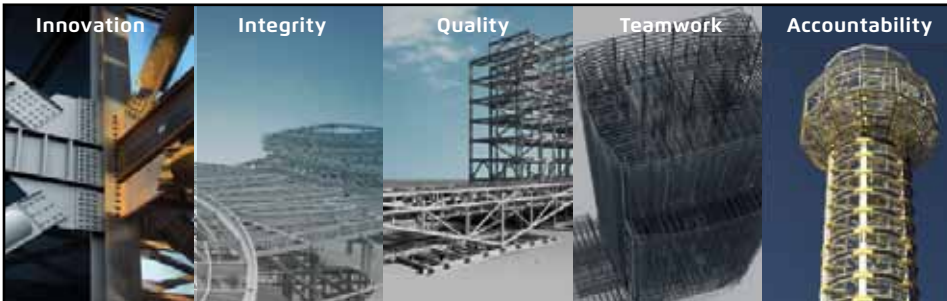


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High-Profile: AWARDS

MEREDA Awards Wright-Ryan

Portland, ME – At the annual spring conference of the Maine Real Estate and Development Association' (MEREDA), three of Wright-Ryan Construction's projects were given awards for being recognized as the most notable 2012 commercial development projects in Maine.

There were six awards given in all. All of the projects embody MEREDA's belief in responsible development and were selected based on environmental sustainability, economic impact, energy efficiency, social impact, and job creation.

Wright-Ryan received recognition for its efforts at the University of New England Harold Alfond Forum, a 105,000sf ice arena and athletic facility on the UNE Biddeford campus.

Also recognized were two affordable housing projects for Avesta Housing. One was the redevelopment of the former Park Street School in Kennebunk and the other a new construction on Oak Street in downtown Portland.



Park Street School Apartments



Oak Street Lofts



University of New England Harold Alfond Forum



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Coull Receives ABC Award

Maynard, MA - JM Coull, Inc. has merited the Diamond-level safety award from the Associated Builders and Contractors (ABC) for a third year. The ABC of Massachusetts presented the award at its STEP Awards banquet in Stoneham in May.

ABC added the Diamond level to its STEP (Safety Training and Evaluation Process) program to recognize select member companies that meet the very highest qualifications for safety preparedness and performance. Candidate evaluations are based on incidence rates (accidents) and experience modification rate (EMR) for the application year.

Other distinctions conferred on Coull include "Certified Green Contractor" (one



l-r Jesse Wilbur and Matt Oldham of JM Coull accept the STEP award.

of only two firms in the state to earn this designation) and "Accredited Quality Contractor."

CCI Receives AGC Award

Needham, MA - Construction Coordinators, Inc. (CCI) received a 2012 National AGC Safety Award from the Associated General Contractors (AGC) of America, the association of commercial

and institutional builders.

One of 17 firms in Massachusetts to receive the award, CCI was honored for its zero incidence rate in 10,000-50,000 work hours in the building division.

Calare and Hackman Awarded

Rockland, MA - Calare Properties, Inc. and Hackman Capital Partners, LLC were awarded the top honor in the Industrial/Flex Use category by *The Boston Business Journal* for their repositioning of 112 Barnum Road in Devens - the former Evergreen solar facility.

According to Bill Manley, managing partner and chief investment officer of Calare Properties, the successful trans-



(l-r) Jay Dacey, president of Integrated Builders, and Bill Manley, founder and CEO of Calare Properties accept the award.

formation of the 448,000sf solar facility was accomplished by early involvement of construction management firm Integrated Builders.



112 Barnum Road

CTA on Top 400 List

Waltham, MA - CTA Construction Co., Inc. of Waltham has been ranked by *Engineering News Record* in its list of top 400 general contractors in the United States. The ranking is based on 2012 an-

nual gross revenue.

As a leader in green building, CTA has helped clients build sustainably and in meeting LEED and MA-CHPS standards.

DeStefano Design Awarded

Portsmouth, NH- DeStefano Architects (DIA) was recently honored with the Visualizing Density "Urban Infill" award for its design of the residential condominiums at Haymarket Square on the corners of State and Middle Streets in Downtown Portsmouth. The award for outstanding compact design was given by the New Hampshire Housing Finance Authority (NHHFA) and Plan NH as part of their Vibrant Villages, NH initiative.

Lisa DeStefano, Principal Architect and Adam Wagner, Director of Operations for DeStefano Architects attended the award ceremony and reception on June 27

The Haymarket Square project was noted for creating a streetscape in harmony



Haymarket Square

with the neighborhood, reinforcing the pedestrian experience by hugging the building alongside the sidewalk and allowing for planting beds, and raised entry stoops. The design also included tucking cars into the rear of the property behind a landscaped screen.

High-Profile: News

Set Up Business Tenants for Success With Robust Network Connectivity

by Vlad Shafir



Vlad Shafir

Advances in communications technology enable businesses to work more efficiently as well as give them the power to operate competitively and maintain their positions in the marketplace—regionally, nationally, or globally. But in order to take full advantage of the newest solutions available, businesses must be able to access them, which begins with high-speed network connectivity. To attract business tenants, facility managers must provide a network backbone capable of handling the demands of today's businesses.

The average workday and worker has changed. Employees are working longer hours, and from multiple devices. To complete daily tasks, they often come to work lugging a laptop, tablet, and a smartphone—all of which they are then connecting to the company's network. Increasingly, companies are allowing the practice of "bring your own device" (BYOD) because it can improve productivity and profitability when employees are able to leverage multiple devices to access data within seconds. But with those advantages can come challenges when the skyrocketing demand for bandwidth places strain on companies'

networks.

To add to the problem, employees are using their multiple devices to send, receive and access huge amounts of data. Large photo and video files, thousands of emails, enormous company databases, videoconferencing, and even social networking all contribute to the increased demand for bandwidth. Digital technology is everywhere, and it can be critical to a company's success. Doctors now review patient records electronically. Retailers are drawing in customers with interactive touchscreen apps. And financial analysts can teleconference at anytime, from anywhere. Sent and received data must also have a place to live, therefore, data storage via data centers and cloud computing solutions are becoming business necessities.

When it comes to network connectivity and adequate bandwidth, what can facilities managers do to ensure they are setting up their tenants for success?

Ethernet services are imperative to the daily operations of today's businesses. Ethernet can be provided via T1, cable, copper, DSL, or fiber, and it's important to prepare facilities for such connectivity. Ethernet over fiber is an increasingly popular solution for businesses of all sizes because of its speed and reliability and its large bandwidth capacity. When business tenants stream video, hold video confer-

ence meetings, send massive amounts of emails and more, fiber networks have the ability to handle these continuous waves

In addition to Ethernet connectivity, facility managers should also consider other business connectivity needs when designing infrastructure.

of data transmission, and won't clog up or shut down tenants' networks. Ethernet over fiber is a cost-effective and efficient solution that businesses can rely on.

In addition to Ethernet connectivity, facility managers should also consider other business connectivity needs when designing infrastructure. In many office buildings, when an employee walks away from an outside wall or a window, they

quickly lose cell phone service—which can greatly hinder productivity. Allowing cellular companies to install cell sites or "picocells" inside structure walls will extend network coverage. With more people leveraging smartphones and data plans, WiFi connectivity has also become a must, therefore facility managers should ensure WiFi infrastructure exists for all tenants.

The need for a strong, reliable network with enhanced bandwidth and WiFi connectivity has never been more critical for today's small businesses and enterprises. Providing these capabilities gives businesses a solid foundation to be prosperous—and for facility managers to attract and retain these businesses as tenants.

Vlad Shafir is account executive – business sales at Windstream, Framingham, Mass.

Engelberth to Begin Heat Plant

Montpelier, VT - The State of Vermont Department of Buildings and General Services has received approval under Vermont's environmental Act 250 land use permit process to move forward with the construction of the new Montpelier District Heat Plant located at 122 State Street in the City of Montpelier.

The Montpelier District Heat Plant will be an expansion to the State Capital Complex's existing boiler plant which is

being constructed by the State to flood proof the existing building, construct an addition above the 100 year base flood elevation for; fuel offloading, to house two new wood chip boilers and air pollution control equipment, modify and relocate an existing oil fired boiler and sell thermal energy.

The Heat Plant is being built by Engelberth Construction, Inc. of Colchester.

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Winn Completes Phase 1

TAT Architect

New Bedford, MA - John W. Keith, principal owner and general contractor, and WinnDevelopment, announced the completion of Phase I of Manomet Place in New Bedford with a ribbon-cutting ceremony. They were joined by local and state officials, including Todd Gomez, Bank of America Merrill Lynch; Elizabeth Fish, VP, WinnDevelopment; Gilbert Winn, managing principal of WinnDevelopment; Jonathan Mitchell, mayor of New Bedford; John W. Keith, president of Keith Construction; Aaron Gornstein, undersecretary of the DHCD; Michael Putziger, chairman of WinnCompanies; Matthew Morrissey, exec. director of the New Bedford Economic Development Council; Larry Curtis, president and managing partner of WinnDevelopment; Steven Martins, president of the New Bedford City Council; and John Saunders, councillor-at-large of the New Bedford City Council.

Formerly known as both Cliftex Mill and Manomet Mill, a 20th century cotton textile mill complex, the property is now home to 76 units of mixed-income housing for seniors age 55 and older.

In 2008, Preservation Massachu-



Manomet Mill ribbon cutting ceremony (l-r): Todd Gomez; Elizabeth Fish; Gilbert Winn, holding his son Rand; Mayor Mitchell; Barbara Valaco, a resident of Manomet Place; John W. Keith; Aaron Gornstein; Michael Putziger; Matthew Morrissey; and Larry Curtis.

setts listed Cliftex as the single most endangered historic site in Massachusetts. Thanks to extensive restoration work and preservation efforts by WinnDevelopment, the property is now listed on the National Register of Historic Places.

The rescue and conversion of this old mill would not have been possible without the Historic Preservation Tax Incentives (HPTI) program, which encourages private sector investment in the rehabilitation and reuse of historic buildings and creates jobs in local communities.

The project's architect was The Architectural Team (TAT) of Chelsea, and the contractor was Keith Construction of Canton.

WinnResidential will serve as the property manager for Manomet Place.

Ground Broken on Apt Tower

CBT Architects



HYM managing director Thomas N. O'Brien (on the left), joined public officials and executives to break ground on TWENTY|20.

Cambridge, MA - City of Cambridge and Commonwealth of Massachusetts officials joined executives of The HYM Investment Group, LLC, Canyon Johnson, Pan Am Railroad, and East Cambridge neighborhood representatives to formally break ground on TWENTY|20, a 20-floor, 355-unit luxury apartment tower at the developing 5.2-million sf mixed use neighborhood in East Cambridge.

The first of more than 500 steel-reinforced concrete pilings were driven following short remarks and a celebration for the start of the first new building of 18 that will form Cambridge's newest neighborhood over the next several years at NorthPoint.

When completed, NorthPoint will have about 2,800 residential units and approximately 2.2 million feet of commercial space.

TWENTY|20, located at number 20 on a new way called Child Street, will

feature 8,690sf of retail space at the base of its studio to three-bedroom apartments. The tower, scheduled for initial occupancy in spring of 2015, will have a fitness center and half-court basketball, media and gathering rooms, a conference room, roof deck, security, garage and bicycle parking, and 24x7 concierge service.

Forty-one of the units will be below market in price. The building is expected to achieve a LEED Silver rating for sustainability, and two new parks are being built simultaneously with the residential tower. A grand pedestrian connection will link the street level and parks of NorthPoint with the Gilmore Bridge and the nearby MBTA.

TWENTY|20 was designed by CBT Architects and is being constructed by John Moriarty & Associates of Winchester. A construction loan for the project was provided by Wells Fargo.

Next Issue

August focus: **On Site**



We can include a photo of your project in progress for High-Profile's "On Site" focus.

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Do you have a retail project under construction? Send a description to share in this featured section.

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You are invited to join us in this issue!

News and advertisement reservation deadline July 22.

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Alta Stone Phase 1 Complete

Pro Con GC

Melrose, MA - The landscaping for the first phase of Alta Stone Place has been completed. The residential community, which is being built in phases, includes a mix of studio, one-, two- and three-bedrooms, ranging from 552sf to 1,450sf.

Wood Partners is the developer of the \$32 million community, and Bargmann Hendrie + Archetype, Inc., of Boston is the project architect. Pro Con Inc of Manchester, N.H. is the general contractor for the residential project.

When fully completed, the community will be comprised of 212 apartments housed within three new wood-framed buildings and a renovated mill building. More than 285 parking spaces are planned, and the clubhouse amenities will feature two fitness rooms, a great room with kitchenette, media room, cyber café/business center, conference room, and an outdoor heated pool.

The first building, a three-story wood framed building with 27 apartments and the community's club house, leasing of-



Alta Stone Place

fice, and outdoor pool, was completed in December 2012. The second building, a four-story wood-framed building with 40 apartments built above a concrete podium parking structure, was completed in January 2013, and residents began moving in at the end of January.

The project's second phase, which will offer an additional 145 apartments, is the redevelopment and renovation of the four-story brick and wood-beam mill building and new construction of a podium style building.

High-Profile: Facilities Development News

Heritage Landing Purchased

Quincy, MA - Cushman & Wakefield of Boston announced that CommonWealth REIT has sold Heritage Landing to Campanelli in joint partnership with Trigate Capital for \$16.3 million.

Heritage Landing consists of two institutional quality, Class A office buildings situated approximately six miles south of Boston in Quincy.

These first-class properties totaling 356,000sf are situated directly off U.S. Interstate 93, minutes from Route 3 and within short walking distance to the MBTA's Red Line T station.

Heritage Landing I & II, previously occupied by State Street Corporation and its affiliates, are part of the 2 millionsf State Street South park, an eight-building corporate campus established by State Street Corporation. These fully-available properties feature flexible floor plates ranging from 21,000sf to 34,000sf accommo-



Heritage Landing

dating tenants from 2,000sf to 350,000sf, abundant parking, and a headquarters quality presence.

The current plan is to transform the first floor of Heritage II with new amenities including a cafeteria, fitness center, and updated conference room.

Campanelli will utilize its in-house construction arm, Campanelli Construction, as it aims to rebrand the offerings with an updated entrance, renovated lobbies, and first-class, on-site amenity options.

Marguiles Peruzzi is the architect.

How to set up the Team to Succeed!

Continued from page 35

through, having a method to the meeting. Growing the meeting from one topic to the next, developing the discussion, and working towards decisions and/or a defined path forward. Once you have a couple of these under your belt, they should become second nature in planning, and should be distributed to the attendees ahead of the meeting – by a day or two, not within an hour. Who can possibly prep for a meeting in a meaningful way with only moments or limited time to prepare?

So you have your meaningful agenda, and it has been sent out to the world for consideration. Now what?

Prep the Team for Better Results

Having attendees know what the purpose of the meeting is will go a long way to having a productive meeting. While professionals who are proficient in their area of expertise can generally wing it, the value of planning and prepping for meeting is beyond compare. Request that attendees bring pertinent materials, questions, and follow-up to action items.

Start that Meeting on Time, Literally

What is the largest calculable misuse of time/fee/profit with respect to meetings? Tardiness. We are all subject to traffic jams, the mass transit debacle, the random oversight of time, but that is not the focus here, what about those chronic time-abusers? Those who clearly have a more important schedule than the rest of the meeting attendees combined. Why else would they always be late? Identify these productivity sieves and set their portion of the meeting for later in the schedule. What about those unfortunate folks stuck in traffic? Thinking on your feet while running a meeting will allow for the shifting of topics to keep things moving along.

Moderator/Mediator

Keep the meeting interesting for everyone; excuse those who are no longer required

in an agenda, manage the discussions, and watch the attendees. Are attendees checking their email? Or worse, playing Angry Birds? Not only is it rude, it means they have checked out of the meeting and do not care to participate for themselves or for others. Avoid this by bringing each attendee into the discussion: “Do you have any concerns for this topic?”

Schedule Breaks

If a meeting runs longer than 90 minutes, chances are you are at the outer edge of attention spans. With our immediate workstyles, it is near impossible to think that someone can devote extended time in a meeting to a single project. Allow for breaks in the action so that attendees can check-in on other team members, respond to email, make phone calls, use the facilities, or grab a coffee. The more comfortable and focused a meeting attendee, the more of a valuable participant.

Get out of the Weeds

Manage the discussion of a meeting by staying out of the nitty-gritty (AKA, doing someone's work for them). A meeting will spin out of control easily if discussions migrate too deeply into solving the details for a team member. Rolling up the sleeves and crossing a challenge off the list is incredibly satisfying, but was that the intent of the meeting? When running (or attending) a meeting, ask yourself first – does this need to be resolved here and now? Or can the guidelines and pertinent information be shared with the team to allow them to return to their offices and complete the task? Let those consultants do their work on their own time. Why? You are likely already paying them for the effort. If they cannot manage to do so – there may be other issues at hand. Keep in mind, with a micro-focused meeting there is nothing wrong with stating, “OK folks, we have beat this to death, let's move on.”

Track Decisions and Action Items

How to Publicize a Project
Media Relations Part II

by Michele Spiewak

Public relations is an invaluable marketing tool, creating visibility and brand recognition for your firm, credibility and third party validation through editorial placement, and hopefully, lead generation. How do you land coverage in key publications? Here, we decipher the different editorial opportunities out there and how to pursue each one to publicize your project.



Michele Spiewak

There are three kinds of editorial opportunities: articles that are staff-written by the publication, byline articles that are contributed by industry experts (i.e., you!), and articles that are either written by you or the publication and are published in conjunction with advertising or payment (also known as “pay-to-plays”).

• Editorial opportunities are articles in publications that usually have been scheduled according to the publication's editorial calendar. Unless noted otherwise, these articles are written by editors or freelance writers hired by the publication. There is no cost to participate in these opportunities.

In fact, straight editorial opportunities like this are public relations in its purest form: information gathered by a neutral third party (the writer or editor), who crafts the article with the most relevant and interesting information to the reader, provided by you, the expert.

In order to take advantage of these opportunities, you can research editorial calendars for your target publications (usually found in the online advertising/media kit), and pitch your project news or company as a source for the publication's upcoming article. Offer to set up a phone interview with a designer or project team member, and send a relevant project summary, ideally with photos. An email pitch is fine. Most monthly magazines work two to four months ahead of the publication date, so be sure to leave yourself enough time to contact the editor.

• Byline articles may also appear on a publication's editorial calendar, but may not be marked as such. This is where you need to do your homework: scan the publi-

cation, check the editorial guidelines online, or email the editor directly to ask if the publication accepts contributed – or byline – articles. Some do, and some don't, but if you look online their policies are usually clear.

Bylines are considered editorial content, meaning there is no cost to contribute. Bylines are also planned well in advance, so pitch with plenty of time before the publication date to ensure that your proposal gets read.

For byline articles, the author drafts the article (word count depends on the publication) and usually supplies a few photos and possibly a headshot. Think like an editor and a graphic designer: the article with the photos should tell a story and create a pleasing layout consistent with the publication's design. A byline is a perfect opportunity to showcase your expertise on a given topic or highlight best practices with a project example or case study. It is not an opportunity to plug a product or give kudos to yourself or your project team. In its completed and published form, a byline article can become a valuable piece of marketing collateral – with the benefit of the publication's masthead at the top!

• Pay-to-plays are paid editorial placements (articles) accompanied by advertising placed by you or your sub-consultants or colleagues. Fees for these placements vary widely, but don't be shocked by a price tag of a few thousand dollars for a full-page layout. Pay-to-plays can sometimes be difficult to discern, so if an editor offering a great opportunity contacts you, remember to ask if there's a cost to participate.

Pay-to-plays have their place in the PR roster, and while they can be expensive, they also serve a useful purpose. Sometimes the cost of a pay-to-play is reasonable when split between a few project members, and the end product is a re-printable article on a joint project.

Editorial opportunities are the bread and butter of public relations, so you'll be well served to understand the different varieties out there. In this economy, pay-to-plays seem to be everywhere, and publications have become lean with fewer editorial opportunities. With a little due diligence, you can choose the editorial opportunities that are best for your firm.

Michele Spiewak is an account director at Rhino Public Relations.

Meeting minutes and matrices are our friends. There are often many discussions and decisions in meetings which will evaporate as soon as the team leaves the meeting and the phone rings. Tracking who owns which portion of a deliverable or study will help the team succeed. As a follow-up to your meetings, circulate this information and then follow-up for a progress report. You may not have a regularly scheduled meeting on the calendar, but in order to assist in propelling the project forward, tracking ownership will help as a tool for assistance to productivity.

A wise man once identified his job title as a PMA - Professional Meeting Attendee. How does he have a full day of meetings and get all of his work done? It is a challenge. But the most successful of

days are those that are planned well with agenda-based meetings where the team can get in and get out with a concentrated flurry of activity, identifying meaningful discussions which need more time to develop.

Think about your next meeting in terms of a home improvement project, these take planning and focus. When not thought through, more time can be spent driving back and forth to the big home-improvement store than actually completing the project.

Communicate - Plan - Schedule - Manage

Think these meetings through, oh, and measure twice and cut once - trust me. Sorry, gotta run to my next meeting...

Christina Pungerchar, LEED AP BD+C is project manager at Vanderweil Engineers.

High-Profile: PEOPLE

Trinity Promotes Smith

Wilmington, MA - Trinity Building + Construction Management Corp. announced that its senior project manager, Ryan Smith, has been promoted to director of business development.

In his new role, Smith will be responsible for overseeing tracking and maintaining current client relationships. While assist-



Smith

ing the project managers in that effort, he has made in-roads with new clients, developers, and architects.

Smith is involved with industry organizations such as NAIOP, IIDA, ICSC, and Bisnow, and philanthropic organizations such as Architecture for Humanity.

Spelfogel Joins TDC

Boston - The Davis Companies (TDC) announced that Scott Spelfogel has joined the company as managing director and general counsel. He will be responsible for the coordination and delivery of all in-house and outsourced legal services to TDC, including corporate governance, contracts, leasing, development and permitting, structuring of complex investment and joint



Spelfogel

venture transactions and litigation. He will also be a member of the company's investment committee and senior management committee.

For seven years Spelfogel served as executive vice president and general counsel at CW Financial Services. He also spent 17 years with The Berkshire Group of Boston as senior vice president and general counsel.

New Additions at CCB

Westbrook, ME - CCB, Inc. announced the addition of two new team members.

Bradley Marin recently joined the CCB team as project engineer for the 68-year-old construction services company. Marin's background in commercial construction includes project management/supervision, administration, estimating, and structural engineering design.

Also joining the CCB team is Matt Pelletier, who will be interning at CCB for the summer working out of the Westbrook



Marin



Pelletier

office. His construction interests include renewable energy and composites.

Thornton Joins Eckman

Bedford, NH - Eckman Construction Company, Inc. announced that Frank "Butch" Thornton has joined its staff as a project manager. He has over 30 years of commercial construction experience in New Hampshire, California, and Massachusetts, and has managed municipal and federal projects, as well as the construction of medical and commercial projects and large public schools.

Thornton is part of the Eckman team that will be managing the construction of the N.H. Job Corps Center in Manchester, where his experience with federal contracts will prove valuable.



Thornton

Floyd Adds Three

Bedford, MA - C.E. Floyd Company, with offices in Bedford, Mass. and Middletown, Conn., has added three new employees.

Frank Rose has been hired in Bedford as project superintendent, bringing over 25 years of construction management experience to the firm. Prior to joining C.E. Floyd Company, Rose was the owner of F.J.R. Construction in Arlington, where he managed projects at several institutions, including MIT, Harvard, and the Music School in Brookline.

Mark Kupiec joins C.E. Floyd Company's Middletown office as project superintendent. Having worked at firms such as Barr & Barr, Seaver Construction, and most recently, Cutler Associates, he has more than 20 years of experience in the construction industry.

Brian Pulaski joins C.E. Floyd's Middletown office as a project engineer. Prior to joining C.E. Floyd, Pulaski was an architectural engineer at Salamone & Associates, PC, in Hamden, Conn.

Jewett Personnel Announcements

Raymond, NH - Jewett Metal Buildings & Steel Erectors, a division of Raymond-based Jewett Construction Co., Inc., recently added field personnel to its growing staff.

New employees include Leonard Sherwood, Donald Chevalier, Jr., Jeremy Klar and Rick Preston.

Klar and Preston have just completed their OSHA 10-Hour Safety training and received certification.

In addition, JMB Project Superintendent Phil Kennedy recently received both his OSHA 30-Hour Safety Certificate and Crane Signal Person Certification, as well as instruction in training fork lift operators.

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High-Profile: People

Hover Promoted

Norwood, MA - William H. Hover, P.E., has been named to the GZA GeoEnvironmental executive team with a promotion to director of risk management.

Hover is a senior principal of GZA and previously served as district office manager of the firm's Metropolitan Boston offices.

He is a licensed professional engineer in Conn., S.C., Vt, Ill., and N.Y.

His areas of specialization are dam engineering, foundation engineering, civil engineering and braced excavations.



Hover

Feldman Promotes Two

Boston - Feldman Land Surveyors of Boston has promoted Paul Foley, PLS, and Sean McDonagh to vice president.

Foley has been involved in high profile projects and clients such as Alexandria Center, Millenium Tower - Downtown Crossing, Boston College, Copley Place,

and Bentley University.



McDonagh



Foley

Expansion, as well as numbers of suburban school projects.

McDonagh manages many projects for both institutional clients and construction managers such as Suffolk Construction, John Moriarty, Children's Hospital, Dana Farber,

Jewett Welcomes Warner

Raymond, NH - Jewett Construction Co., Inc. recently welcomed Jonathan Warner as an intern for the summer of 2013.

Warner, who recently received his OSHA 10-Hour Safety Certification, is a student at the Thompson School of Applied Sciences at UNH where his concentrations include construction management and architecture.

During his time at JCCI, he'll be working in the areas of project management and estimating.



Warner

Gallagher Promotes Guertin

Cambridge, MA - TG Gallagher, a mechanical construction and maintenance firm that installs, services, and maintains HVAC, plumbing, and fire protection services throughout New England, has promoted Shawn Guertin to vice president of operations.

In this new and expanded role, he will retain responsibility for the development and management of all corporate and construction operations, while playing a key role in the executive oversight of the strategic and



Guertin

operational goals for TG Gallagher. Guertin first joined TG Gallagher in 1995, as a cooperative education student intern.

He was hired by the company full-time and worked his way up, holding various project management positions such as assistant project manager, project manager, and senior project manager. In 2007, he was promoted to director of operations.

Guertin is a certified LEED Accredited Professional.

Wisuri Joins Hancock

Chelmsford, MA - Hancock Associates of Chelmsford announced that Ian C. Wisuri, PLS, LLS, has joined the firm as survey project manager. He previously worked as the surveying department manager for R. J. O'Connell & Associates of Stoneham.

He will be responsible



Wisuri

for project management and supervision as the firm is undergoing sustained growth throughout residential, commercial, institutional, and industrial markets.

Wisuri is a licensed professional land surveyor in Mass. and a licensed land surveyor in N.H.

ARC Mechanical New Hires

Bradford, VT - ARC Mechanical Contractors, Inc. announced the addition of new staff members in a number of departments.

David Croteau, a licensed electrician in N.H. and Vt., works in the service department.

A.J. Gillis is an apprentice in ARC's HVAC program, and a service technician.

Courtney Hart will work at ARC for the summer. She is studying architectural engineering at Vt. Tech.

Chris LaCombe is an HVAC apprentice and a service technician.

Tim Medeiros was most recently employed at Cottage Hospital as an HVAC technician. He can install, troubleshoot, and repair many types of rooftop units.

Brenda Oakes is the company's human resources manager and brings nearly 12 years of business accounting experience. She works in the Bradford corporate headquarters.

Sarah Pushee will work as ARC's purchasing agent and also works in the corporate headquarters in Bradford.

Mark Russwick works out of ARC's West Chesterfield office where he is responsible for estimating HVAC equipment installations, replacements, and service in the Keene and Brattleboro area.

Christopher Shambo is one of ARC's



Russwick



Pushee

service technicians.

Derek Smith is a second year plumbing apprentice and works primarily in the Keene and Brattleboro region.

Robert Baker is a master plumber in both N.H. and Vt. He works primarily in the Keene and Brattleboro region.

Matt Starr is an EPA-certified HVAC technician.

Daryn Tacy is a second year apprentice working primarily in the Keene and Brattleboro region.

Scott Tacy is a job supervisor in the Keene and Brattleboro area with over 26 years plumbing experience.



Oakes

Marr Companies Seeks Construction Safety Professional

Primarily responsible for the establishment and implementation of company-wide Safety Policies & Procedures, oversight of Safety Coordinators, Jobsite Inspections, Accident Investigations and Training.

Education:

Bachelor's Degree with a concentration in a safety-related field.

Certifications:

Must hold OSHA 30-hour & OSHA 500. Strong knowledge of OSHA & ANSI construction standards including fall protection, PPE (Subpart M&L), etc. Knowledge of crane/rigging, steel erection, and scaffold standards a plus.

Experience: 10 years practical experience in commercial construction safety concepts including crane regulations, scaffolding, steel erection, mast climbers and rigging. Excellent communication & presentation skills and leadership ability.

Contact:

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High-Profile: CALENDAR

BRAGB

Save the date!

Oct. 30 6-11 p.m.

2013 PRISM Awards Gala

Seaport Hotel Boston

The Prestigious Results in Sales and Marketing (PRISM) Committee of Builders and Remodelers Association of Greater Boston (BRAGB) honors the finest builders, developers, project owners, architects, land planners, marketers, advertising executives, interior designers, merchandisers, remodelers, and other professionals in the building industry to honor excellence in product and community design, advertising, marketing and sales achievements by both individuals and teams.

Visit bragb.org or call 781.890.2101 for details.

Mass. Life Sciences

September 6, 2013

MassBio's 19th Annual Golf Classic

Pinehills Golf Club, Plymouth, Mass

The proceeds of the tournament help support the the MassBioEd Foundation that provides Mass. high school teachers the skills and equipment necessary to teach biotechnology. To date, the foundation has worked with 185 high schools and trained over 600 teachers. Support science education by attending this event.

For more information or to register, please visit <https://golf.massbio.org/golf/>



ICSC

July 16 - 18

New England Idea Exchange
Hynes Convention Center, 900 Boylston St, Boston

The one-stop for education, networking, and dealmaking. These one- to two-day regional meetings provide an opportunity for attendees to gain information about current industry issues, meet and interact with colleagues doing business in the same region, and make deals. <http://www.icsc.org/events-and-programs/details/new-england-idea-exchange>.



ASHE

July 21-24

The 50th ASHE Annual Conference.
Atlanta, Georgia

Register before June 20 to receive the early-bird rate! The ASHE Annual Conference & Technical Exhibition is the trusted industry event for healthcare facility management professionals. You will receive high-quality education with 40 peer-reviewed concurrent sessions and an expert lineup of industry presenters.

Learn ways to enhance the performance of your healthcare facility and take advantage of the lively networking experience. To register visit <http://www.ashe.org/annual/index.html>



ABC

Annual Deep Sea Fishing Trip

July 17, 8:30 a.m. - 1 p.m.
Yankee Deep Sea Fishing, 121 East Main Street, Gloucester, Mass.

A half-day deep sea fishing trip is the perfect opportunity for you and your co-workers, friends and family to get away and have some fun together!



Anne Cucchiara 781-273-0123; to register: http://www.abcmma.org/event_registration.aspx?eventid=102483



IFMA

July 25, 2013 4:45 - 8 p.m.

Annual Schmooze Cruise
Long Wharf (next to the Aquarium)
296 State Street Boston

Registration and boarding: 4:45 -5:30 p.m.

Join us as we set sail on the harbor aboard one the finest vessels Boston has to offer, the Majesty. Her grand atrium and three decks are sure to provide ample space for everyone to enjoy the views of Boston's amazing skyline. With music, drinks, and passed hors d'oeuvres, it will surely be an evening not to miss.

We will depart from Long Wharf (right next to the New England Aquarium) at 5:30 p.m. and will be back to the dock by 8 p.m., sharp. This year's cruise will be 21+ due to cruise line regulations so please be sure to bring your ID. Also, don't forget cash for the bar, as the boat cannot accept credit/debit cards.

Information: <http://2013schmoozecruise.eventbrite.com>.



AGC of America

August 14 - 15, 2013

5th annual AGC IT Forum Conference
Hyatt Regency Chicago, 151 East Wacker Drive, Chicago, Ill.

This year's theme is Strong IT Knowledge Driving Excellent Business Decisions.

Peer-to-peer collaboration is the hallmark of the conference.

Whether it is sharing knowledge during one of the sessions, networking during the reception, or meeting up with a familiar face from a prior conference, the connections you make will be a valuable takeaway

For more information or to register; http://www.agc.org/cs/events/2013_agc_it_forum_conference



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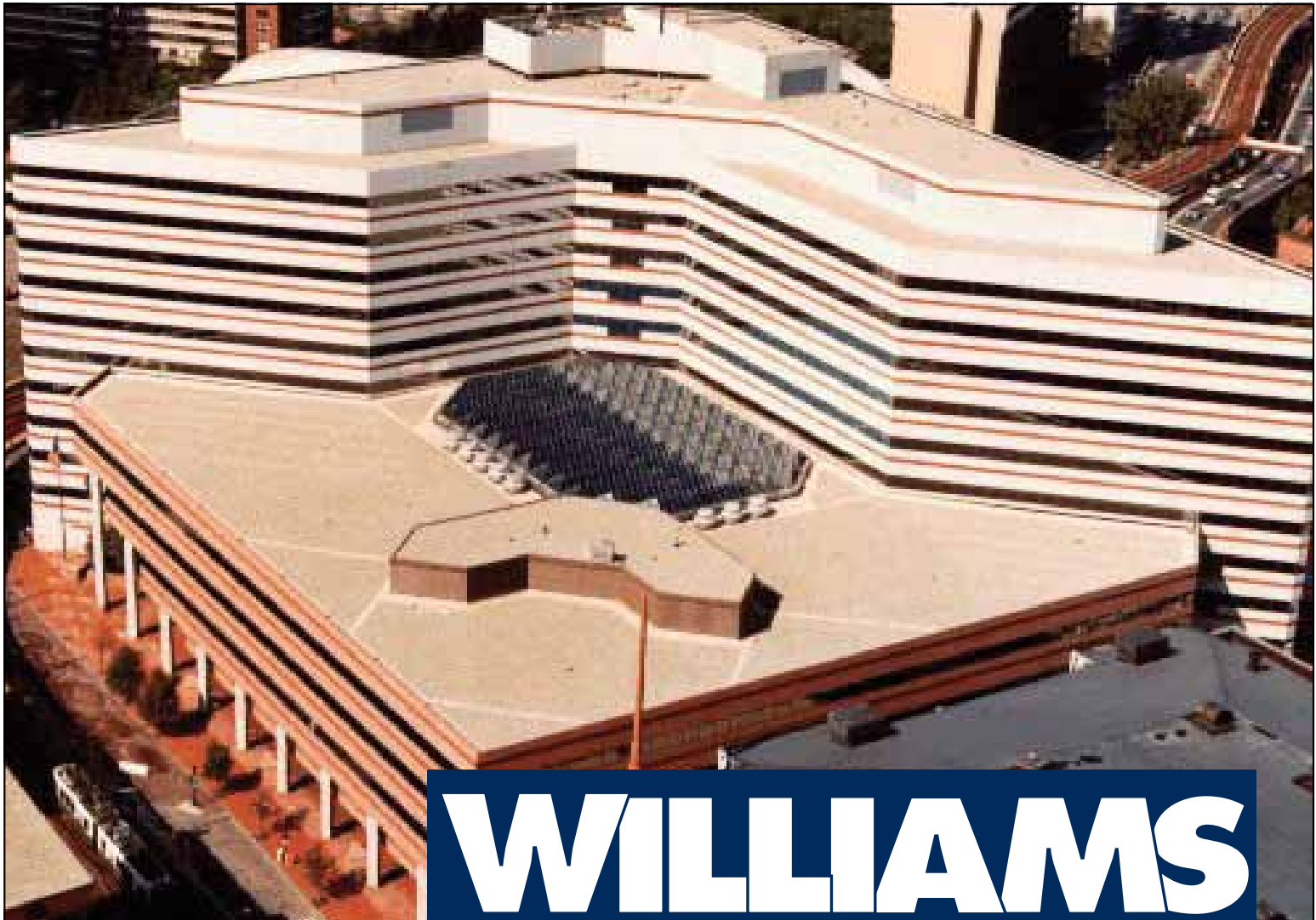


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Cambridge, MA - The spirit of collaboration permeates every aspect of the Broad Institute's new research and development facility under construction at 75 Ames Street in Cambridge, from the planning and development stages to its ultimate goal of providing a collaborative space where researchers can work together to develop advancements in biomedicine. Story on page 17

