Farmington, CT - Konover Construction Corporation, one of the nation’s leading firms providing preconstruction, construction management, design-build and general contracting services, is now KBE Building Corporation. The firm announced its new corporate name and identity at its 50th Anniversary celebration on January 8. The name change reflects the acquisition of the firm through a management buyout in early 2007. See story page 30.

KBE launched a new community outreach initiative to lend a helping hand to people and organizations. This dynamic philanthropic endeavor, called “50 Ways to Make a Difference,” is a yearlong community support program in celebration of the company’s 50th year in business. See story page 32.

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Shawmut Design Midway on Tufts Addition Designed by ARC
Plus - Green & Sustainable, Healthcare and Educational Facilities Developments, People, Calendar, and more...

February 2009
American Plumbing & Heating Corporation is proud to announce their membership to the U.S. Green Building Council.

American Plumbing and Heating recognizes the important role educated Contractors play in the design and construction of sustainable, high performance green buildings. APH is pleased to announce Project Manager Jonathan Kearley has recently joined the ranks of LEED Accredited Professionals.

American Plumbing and Heating has integrated multiple green building strategies in their recent acquisition and subsequent renovation of their new corporate headquarters located at 1000 Cordwainer Drive in Norwell, MA.

This impressive building includes:

- 100% of their 34,000 sq/ft. warehouse lighting has been replaced with high-efficiency occupancy sensor fixtures saving 45,200 kWh annually.
- Daylighting in 75% of all occupied spaces equipped with photo-responsive controls to maintain consistent light levels.
- Manual override capabilities that enable all non-emergency interior lighting to be turned off during non-business hours.
- 75% of roofing materials are constructed of high emissivity and highly reflective materials to minimize cooling loads.
- High-efficiency irrigation system equipped with rain shut-off sensors.
- 90% of all regularly used plumbing fixtures are electronically controlled, low flow fixtures assisting in wastewater reduction.

American Plumbing & Heating Corporation is honored to complete the new Northeastern University Dorms.

GOES GREEN!

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March 19, 2009
- Green Building Session: Energy-Efficient Lighting Update
- Green Building Session: Infrared Cameras: A Valuable Green Building Monitoring Tool
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“Your Stone Solution Choice”
Florence Electric Awarded by ESGR

Taunton, MA - Florence Electric LLC, of Taunton was presented with the “Above and Beyond Award” given by the Department of Defense for Employer Support of the Guard and Reserve (ESGR). This award is presented on behalf of the men and women of the National Guard and Reserve Forces for outstanding service and continuing employer support to our national defense.

Darrin Fernald, purchasing agent for Florence Electric and Senior Chief Petty Officer for the U.S. Navy Reserves (Naval Mobile Construction Battalion 27 of the U.S. Navy Seabees) and Christopher Thornton, foreman for Florence Electric and First Class Petty Officer with the same Battalion, provide responsive military construction for various forces, construct and maintain base facilities, and conduct defensive operations. Each is currently serving his second tour of duty in Iraq.

Eli Florence, president of Florence Electric, said, “We are proud to stand behind our employees who are dedicated to serving our country. We do what we can on our end to make their transition just a bit easier when they deploy or return from duty.”

MBC and ASM Host Where the Work is

The Massachusetts Building Congress (MBC) in cooperation with the Associated Subcontractors of Massachusetts (ASM) will present an Educational Breakfast Program – Public Construction Focus Thursday, February 26, entitled, “Where the Work Is.”

On July 28, 2004, legislation was signed creating the Massachusetts School Building Authority (“MSBA”) as a new independent public authority. The work of this Authority is to implement the 2004 school construction grant reform legislation, including reforming the management of the distribution of state school building grant funds, as well as creating a framework for a new, financially sustainable school building grant program to begin on July 1, 2007. The passage of this legislation and the creation of the MSBA provide a solution that keeps the state’s commitment to cities and towns, provides an ongoing revenue source for new school construction for our children, and presents a significant opportunity for new economic development.

Speakers include David Perini, Commissioner, Division of Capital Asset Management, Edward Adelman, Executive Director, Mass. State College Building Authority, Katherine Craven, Executive Director, Massachusetts School Building Authority, and Stephan Chait, Director of Capital Projects, University of Massachusetts Building Authority.

The breakfast will be held at the Radisson Hotel Boston 200 Stuart Street. You may reserve in advance online at www.buildingcongress.org or by calling 978-921-9222.

AGC of NH Honors Messier

Concord, NH - Dan Messier of Auburn was recently honored as the outgoing president of the Associated General Contractors of New Hampshire. Messier is a long-standing member of the AGC of NH and has served as the organization’s senior vice president and a member of the board of directors.

Messier is a senior vice president of Pro Con Inc., a full-service design and construction management firm located in Manchester. He received the AGC President’s plaque for the “Outstanding Leadership Award for the 2008 Chapter President” and a special clock as a gift.

The AGC of NH serves as a liaison between its membership and government bodies, provides informational support services, safety training, construction documents and planroom facilities for the construction industry.

(1-r): Dan Messier, senior vice president of Pro Con Inc and past president of AGC of NH and Gary Abbott, executive vice president of AGC of NH.
Construction Jobs Get Go-Ahead

Mayor Thomas M. Menino announced that two projects totaling $543 million in private investment received approvals from the Boston Redevelopment Authority’s Board of Directors. The projects represent 1,350 construction jobs and approximately 200 new permanent jobs.

Suffolk University received approval for a new $68 million academic building, located at 20 Somerset Street, which will primarily house Suffolk’s New England School of Art and Design (NESAD). The 10-story building will include approximately 450 classroom seats for use of the NESAD and approximately 400 classroom seats for general classroom use.

The project, designed by the Cambridge-based architectural firm of Chan Krieger Siemiewicz, will create 150 construction jobs. Suffolk hopes to begin construction by fall 2009 and open the building in 2011.

The BRA Board granted approval for the $475 million Kenmore project, which will significantly transform turnpike air-rights, unused railroad tracks, and surface parking lots into an active mix of new housing, office, retail, and green space.

The LEED-certified project will add 94,000sf of new retail and restaurant space as well as two new city blocks, new pedestrian connections and approximately 1.6 acres of new green and open space, including a pedestrian park adjacent to Beacon Street and Yawkey Station.

The transit-oriented, mixed-use project includes the creation of 1,09 million sf of within five main structures to be constructed in air rights over the Mass. Turnpike between the Brookline Ave. and Beacon St. overpasses that span the Kenmore Square, Fenway and Audubon Circle neighborhoods. The project also includes the creation of a new Yawkey Station (MBTA commuter rail.)

The development team includes Meredith Kenmore Parcel 7 Development, LLC as the developer, led by John Rosen-thal. Project architect is Carlos Zapata of Carlos Zapata Studio.

The Plumbing Museum Reopens

Watertown, MA – A Worcester landmark, the American Sanitary Plumbing Museum, has officially reopened in its new home along the Charles River in Watertown.

Carefully presented inside the confines of a 150-year-old ice house, the Plumbing Museum combines the craftsmanship of past industry with the luxuries of modern, everyday life. The museum’s collection is comprised of claw-foot bathtubs, ornate water closets, and antique sinks. It also features a large library of turn-of-the-century trade magazines and newspapers, and a circa 1910 plumbing shop with original tools and equipment.

While the museum is entrusted to Plumbing, Heating, Cooling Contractors of Greater Boston (PHCC), it lies on the property of the Watertown-based mechanical contracting firm J.C. Cannistraro, LLC. John C. Cannistraro, Jr., the company president, has worked closely with the collection to create its new look.

Staff Changes at NAIOP MA

Needham, MA - Two NAIOP Massachusetts staff members, Diana Chaban Griffith and Pauline Rand, took on new titles this month in recognition of their changing roles within the organization and their commitment to the Chapter’s mission to serve the commercial real estate industry.

Chaban Griffith was promoted to director of marketing and communications, having previously served as marketing & communications coordinator. She joined NAIOP Massachusetts in September 2006 and has been instrumental in several key initiatives.

Rand was named the Chapter’s director of programs & Chapter administration. She has been with the Chapter for 10 years and has assumed increasing responsibility for the Chapter’s operations and program planning.

Staff Changes at NAIOP MA

Griffith

Rand

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**Tough Lessons from an Economic Meltdown**

By Michael Barnes, Publisher, High-Profile Monthly

Remember your marketing lessons about the need to advertise in hard times? Rich Friedman of Friedman & Partners, a management consulting firm serving environmental industries, reminded us of this axiom in an SMPS e-newsletter article submitted to High Profile.

Friedman pointed out that the old business development truism that “If you don’t ask, you won’t get” holds true under all economic conditions. He also reminded us that marketing and business development are best conducted on a daily basis rather than as if cramming for a test.

You may have been getting by without advertising because times were good, but not anymore. If you’ve already cut back drastically or practically eliminated your advertising budget as a result of the current economic downturn, you may want to think twice about how this lack of visibility will affect your position in the business community and your ability to position your firm for future strength in a recovering economy.

On making a second point, “Making time for business development, in spite of other deadlines,” Friedman says, “…it’s a very difficult thing to do, but it can be done. It requires actually blocking out time, in advance, to complete specific tasks such as calling a past client, meeting with a prospective client, writing an abstract to give a talk, researching a prospective client on the Internet, or any of a hundred other things aimed at making something happen. Equally important, it requires your company to recognize that this is time well spent and factor that into development of utilization targets.”

We can use these same principles to apply, now, in your advertising. PR marketing plans with High-Profile Monthly. Rich Friedman will be presenting a workshop titled “How Technology is Revolutionizing Marketing, Business Development, and Recruiting” as part of ACEC Massachusetts’s Business Practice Forum. For more information on this program, which will be held on April 9, 2009 at the Copley Marriott in Boston, call The Engineering Center at 617-227-5551.

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**Changes to Russia Wharf Project**

Boston, MA - Mayor Thomas M. Menino announced that changes were approved to a key waterfront project to ensure that it gets built. The $500 million, 854,000sf mixed use project at Russia Wharf will greatly transform the underutilized historic buildings. The project is located along the Rose Kennedy Greenway and the Fort Point Channel.

The project, to be completed in 2011 by Boston Properties, received approval from the Boston Redevelopment Authority for programmatic changes to the first and second floor and the conversion of residential use to commercial office use on floors three through seven.

Construction of the project has been underway since early 2008. CBT Architects is overseeing the design for the historic rehabilitation of the 19th century buildings. The Tufts/Graphic Arts building has been demolished, retaining their façades; the foundation has been poured, and the construction of the new building is underway.

The developer has pre-leased nearly all of the commercial office space to Wellington Management. Due to the change in the national economy and the fact that the lower levels of the Tufts/Graphic Arts building proved to be unsuitable for residential space, the residential use in this building is no longer viable. Thus, the space will be converted to provide for an additional 190,000sf of commercial office uses.

This unique mixed use project will now include 5,000sf of artist work space alongside Class A office, residential and retail space. Recognizing the need for additional artist space in the neighborhood, Boston Properties expects that the 5,000sf of work space will provide for 10 to 15 artist work studios. The project still includes 65 units of housing in the Russia Building. The area will also be enlivened by the approximately 700,000 total sf of office space and the approximately 60,000sf of retail/restaurant/civic space. Among the many public benefits, the project includes the creation of an attractive 1/3 acre public plaza and promenade that connects to the new water transportation facilities at 500 Atlantic Avenue and the Boston Harbor Walk trail system.

In light of the changes to the project, the developer will make an affordable housing contribution payment of more than $650,000 and an increase in their housing and jobs linkage payments. Additionally, they will make a more than $5 million voluntary contribution to be used for the City’s Affordable Housing program, of which approximately $2 million is being set aside for an Affordable Housing Fund for artist spaces in the Fort Point Channel.
MAHA Opens New Building
Studio G Architects / Lee Kennedy Co. CM

Dorchester, MA – Studio G Architects joined Boston Mayor Thomas Menino, Mass. Affordable Housing Alliance (MAHA) Executive Director Tom Callahan, Savings Bank Life Insurance President & CEO Bob Sheridan, contractor Lee Kennedy Co., city council members and neighbors to celebrate the ribbon cutting of MAHA’s new Robert and Jean Sheridan Homeownership Building.

The new 9,500sf building enables MAHA to fulfill its mission to increase advocacy for public and private investment in affordable housing, while providing dedicated space for its award-winning Homeownership University programs, which educate and equip aspiring homebuyers and homeowners.

With MAHA’s offices housed above-ground-floor retail space, the new building introduces mixed-use development to the neighborhood.

At a time when the nation’s housing and financial crises are coupled with rising concerns about the environment, Studio G Architects developed a “green” design that strengthens Homeownership University’s courses. A unique feature of the building is the demonstration kitchen.

The contractor on the project was Lee Kennedy Co.
The University of Massachusetts in Amherst. Dimeo Resources Cambridge announced the completion of the design of the New UMass Student Apartment Complex Dedicated to encourage use of nearby fields for intra-collegiate competition among the houses.

“Keynote speaker: Jeffrey C. Fuhrer, President, Pro Con Inc. has designed the complex located near outdoor spaces and the giant rhododendron forests of north to a 600 acre conservation preserve and Pond is an environmentally-sensitive neighborhood for the new development planned amenity for the new development which will total 64 units in eight buildings; and the Residences at Woodland Pond, which will be comprised of five distinct neighborhoods, consisting of 158 town homes; Overlook at Cottages at Woodland Pond, which will consist of 487 condominiums in North Manchester, NH – Pro Con Inc is the Architect and Construction Manager for The Woodland Club at the Neighborhoods at Woodland Pond in Manchester, NH

The Top 25 Newsmakers of 2008” by Engineering News-Record. Tocci One of ‘Top 25 Newsmakers’

Woburn, MA - John Tocci of Tocci Building Cos. has been named one of “The Top 25 Newsmakers of 2008” by Engineering News-Record. Tocci is also the chairman of the Associated General Contractors BIM Forum. He started the forum, which meets three times a year, about three years ago. He had been inspired to do something related to BIM beyond his own firm by a presentation on a BIM-enabled project for Lucasfilm in San Francisco. It was given by Tom Brady, Lucasfilm’s in-house construction manager.

“The presentation was so compelling it sucked the air out of the room,” says Tocci.

The intent of the BIM forum is to increase collaboration among all parties to a building project and to break down traditional silos between designers and constructors.

“John has shown an extraordinary ability to unite an extremely diverse group of professionals representing the full spectrum of parties involved in design, construction and building ownership in seeking practical solutions to improving the industry,” says E. Davis Chauviere, a principal of HKS Inc., Dallas, and chair of the forum’s designers subforum.

Improvements at 99 High

Boston, MA - Jones Lang LaSalle completed construction of a far-reaching capital improvements program at 99 High, a 730,000sf premier first class office and retail tower overlooking the Rose Kennedy Greenway in Boston.

Jones Lang LaSalle acted as construction manager on behalf of building owner TIAA-CREF.

Highlights of the exterior changes include: façade upgrades of the first two floors featuring new Colonial Gold granite faced columns imported from India replacing existing Travertine marble dating back to construction of the building; new brass window storefront finishes for ground-level retail and the second floor; new awnings with logos highlighted by down lighting fixtures; replacement of sidewalks along High Street; installation of up lighting around the second floor perimeter of the building; newly branded mirrored glass canopy; and iconic entrance featuring mirrored glass highlighting the building address and unique positioning within the market. Interior upgrades include dramatic lobby lighting, elevator modernization, and complete system updates.

Jones Lang LaSalle’s construction team was led by Project Executive Harry Dangora and Construction Manager Barrie Ferraro. The project superintendent was John Kirk and Karl Ginand served as the head estimator. Elkus Manfredi and Bone Levine both served as the project architects and R.W. Sullivan Engineering as the engineer.

According to Ferraro: “The improvements at 99 High make it virtually a new building inside and out. TIAA-CREF’s vision has repositioned the asset, adding significant value and enhancing the tenant experience.”
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Ocean House Undergoing Restoration
CenterBrook Architects and Dimeo as CM

Watch Hill, RI - For more than 135 years, The Ocean House resort hotel in Watch Hill, offered one of New England’s most spectacular ocean views. Serious structural issues forced its closure in 2003, but in 2010, a new Ocean House will open on the original site as the centerpiece of a mixed-use development. The $135 million project broke ground in autumn 2007.

Ocean House’s developer, Bluff Avenue LLC, seeks to restore the romance and historic elegance of the grand Victorian hotel with its gabled tower, mansard roof, and sweeping porches. A new North Wing will be added to take advantage of the sloping site to step down the hill toward the ocean.

The development team includes The Peregrine Group, a Rhode Island-based real estate development and advisory firm, as development manager; Pinnacle Advisory Group, a Boston-based boutique hospitality consulting firm; Centerbrook Architects, a Connecticut architecture and planning firm; and Dimeo Construction, a construction management and building company based in Providence, R.I.

To ensure proper performance, H. Carr & Sons Construction of Rhode Island is installing a total of 530 Kolbe K-force windows and 123 doors on Ocean House. These include a combination of aluminum-clad Ultra Series and all-wood heritage Series products.

Among the first identified challenges, despite the hope that the core of the historic hotel could be rehabilitated, Centerbrook found overwhelming deficiencies that made this goal unrealistic. Instead, the decision was made to replicate the original building using salvaged historic elements and to reconstruct capitals, balustrades, and other features and integrate them into the new building.

Centerbrook Architects has taken precise measurements and molds of all interior and exterior architectural elements to enable the most accurate reproduction of these details possible. The original reception desk and the old stone fireplace were carefully removed and are being meticulously restored. All salvageable, architectural elements from the “Captain’s Room” were dismantled and preserved for re-installation. And, a historic balcony and Palladian window are being restored and will be installed into the building.

When complete, the new Ocean House will have 120,495sf of finished, conditioned interior space. To learn more about Ocean House, please see www.oceanhouseri.com.

Acella Completes Thayer Reno

Braintree, MA - Acella Construction Corporation of Norwell recently completed renovations to the classrooms and mechanical systems at the Middle School of Thayer Academy.

Founded in 1877, Thayer Academy is an independent, college preparatory day school for boys and girls in grades 6 through 12, and is located on a 34-acre campus of eight buildings and 54 classrooms in Braintree.

“The classroom renovations included the alteration of the art studio complete with new millwork and finishes,” said Anthony Dirubbo, project manager at Acella Construction. “We created a new Learning Center in a previously unused space. In addition to the cosmetic upgrades, we layered the ceilings to increase the acoustical separation between floors.”

Acella Construction also completed renovations to the Middle School mechanical systems. Acella removed the existing steam/hot water system and replaced it with a new hot water boiler system. All of the existing steam systems were removed from the building and replaced with new unit ventilators with provisions for air conditioning that can be added at a later date.

Steve Ceglarski of the Wyatt Group served as the project manager and owner’s representative. Boston-based Eck MacNeely Architects, Inc. was the project architect.

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Seacoast School Renovated
Designed by Banwell Architects

Exeter, NH - Eckman Construction recently completed $7.3 million of renovations to the Seacoast School of Technology in Exeter. The regional career and technical center serves seven area high schools, and offers a dozen programs of study.

The entire school was renovated, and now has a new main entrance, and a sunny, cheerful space for the on-site teaching preschool. In addition to interior architectural upgrades, the building’s mechanical and electrical systems were updated, and air conditioning was added.

A new building was also constructed for the Automotive Service Technology program, containing two classrooms and a 12-bay auto repair facility. As each phase of the 15-month project was completed, the renovated area was occupied and work proceeded to the newly-vacated areas.

The designer was Banwell Architects of Lebanon.

Brookstone to Renovate NH Capitol

Concord, NH - Brookstone Builders, Inc., of Manchester was awarded a renovation project by the State of New Hampshire.

The scope-of-work will involve the updating of a section of the third floor at the NH Capitol building on Main Street in Concord, which was originally constructed in 1814. It is the oldest State House in the nation in which the legislature still occupies its original chambers.

Renovations will include the removal and replacement of various walls, countertops and fixtures in the building’s third floor washroom area. The surrounding sections of the facility will remain fully-operational during construction, which will require enhanced safety, noise and dust abatement.

Cadbury Renovation Breaks Ground
Lavallee Brensinger Architects

Hanover, NH - Residents and staff of Kendal at Hanover recently participated in a ground-breaking ceremony for the renovation of the Cadbury Community Center. The 32,000sf renovation and addition includes a new kitchen facility as well as upgrades and improvements to the existing dining and community areas.

This renovation project is the first of several planned initiatives, following the completion of a campus master plan by Lavallee Brensinger Architects.

The updated and expanded Dining Services and Cadbury Community Center, designed by Lavallee Brensinger Architects and built by Engelberth Construction, will feature several new amenities for residents, including a casual dining setting, a coffee bar for late-night desserts and gatherings, as well as sitting areas to meet neighbors prior to dinner. New seating arrangements and dining options offer a choice of waited service, cafe, or interactive dining with an exhibition finishing kitchen where food preparation is more integrated with the dining room.

Folding doors to the cafe can open to provide added flexibility for the Community Center space, able to accommodate special events such as concerts and celebrations.
Portland, ME - America’s downtowns have seen some of the most beautiful buildings remain idle through the years. That is not the case for Seventy-Five State Street. Established in 1854, Seventy-Five State Street offers independent and assisted living opportunities in historic buildings in downtown Portland.

To help keep their properties marketable, Seventy-Five State Street decided to make an investment in their existing buildings to restore them to their original elegance, and to keep up with the demands of today’s senior population. Seniors are more and more independent, needing less Assisted Living services.

“Their residents want the full kitchens, walk-in showers, and they want washers and dryers in their apartments,” said Lori Maxwell, marketing director at Seventy-Five State Street. “We wanted to capture the beautiful features of the historic buildings, while offering residents what they really want.”

As a result, Gawron Turgeon Architects designed the renovation to create 11 functional and private independent living apartments, and Wright-Ryan Construction was the construction manager.

John Ryan, president of Wright-Ryan Construction, said, “As part of the Portland community, we appreciate the historic significance of the Cutter House. It is gratifying to work with an owner who is willing to go the extra mile to maintain the historic integrity of the building while completing a comprehensive upgrade of all the systems.”

The renovation – which received the 2008 Honor Award for Excellence in Rehabilitation from Maine Preservation – included faithfully restoring the Danforth Street entrance stairway, portico and entry doors; replacing the carriage barn doors, repainting the exterior brick, and refreshing the landscaping to be historically correct.

On the interior, the design allowed for full-kitchens with modern appliances, and all new finishes. This previously uninsulated building was fully insulated with high density spray foam; all the windows were replaced with new historically accurate yet energy efficient ones; new heating and electrical systems including air conditioning were added; and all energy efficient light fixtures were used. All these improvements have reduced the fuel consumption by 58%.

The next phase was South Harbor Side, which was originally built in 1968. The project will be completed floor by floor starting at the top. As a first step, Gawron Turgeon Architects determined the feasibility of renovating the existing fourth floor from 14 small assisted living units into seven larger independent living apartments.

This is a complicated renovation because the original building was built out of precast, pre-tensioned concrete plank floor, supported on 8-inch thick concrete masonry unit-bearing walls. Gawron Turgeon Architects worked closely with Wright-Ryan Construction to ensure that the existing structure is not compromised and to maintain safety of the tenants on lower floors. To date the fourth floor is completed.
Consigli Completes Lab Renovations

Milford, MA – Consigli Construction Co., Inc. completed renovations to Baystate Medical Center’s existing EP Lab, installing upgraded finishes and equipment in a busy occupied environment.

The project consisted of upgrading mechanical, electrical and plumbing systems and installing new Siemens monitoring equipment, as well as new lighting fixtures and finishes. Close coordination among the project team and hospital staff helped ensure seamless integration of the new equipment to existing utilities.

Additionally, the team maintained high standards for disease control, wearing full scrub suits and medical booties in the corridors adjacent to the active EP-2 lab and conducting all shutdowns in close coordination with hospital staff.

Lee Kennedy Gets Wheelock Project

DiMella Shaffer Designer

Boston, MA – Lee Kennedy Co. has been awarded a $10 million residence hall renovation at Wheelock College.

The fast-track project will begin in early February after a short preconstruction period. Working with DiMella Shaffer in a design-build capacity, Lee Kennedy Co. will complete the project on an aggressive 29-week schedule to accommodate student move-in for the fall 2009 semester.

Lee Kennedy Co. will perform a full gut rehab and expansion of the existing four-floor residence hall to increase student capacity to 128 beds over 31,000sf. The team will complete extensive structural upgrades, infill the rear of the building and install new MEP systems, finishes and an elevator. Exterior work will include selective masonry repairs and the installation of all new windows in addition to utility upgrades and the creation of new walkways.

The Riverway House renovation marks Lee Kennedy Co.’s first partnership with Wheelock College and the continuation of a long relationship with DiMella Shaffer. The two firms are currently working together on another full-scale renovation at Boston College.

Acella Completes Univ Lab Reno

Norwell, MA – Acella Construction Corporation recently completed its seventh laboratory renovation at Northeastern University in the last 12 months.

“The Nanoscale Characterization Lab (Engineering) and Heterogeneous Materials & Multiscale Mechanics Lab (Engineering) in Forsyth Hall are two of the most complex and recently completed projects located at Northeastern University’s Main Campus in Boston,” said Saul Schrader, project manager at Acella Construction. “These renovations consisted of completely demolishing two existing laboratory spaces on the second floor and refinishing the spaces with an extensive upgrade to the buildings mechanical system to support the new laboratory equipment. This required careful coordination of work in other occupied areas of the building that was completed around busy class schedules, all while trying to maintain the original construction schedule.”
Catholic Med Ctr Renovations
Harvey Construction CM - Dignard Architect

Manchester, NH - After several years of renovations and expansions, Catholic Medical Center in Manchester is embarking on two projects.

Renovations to the first floor will include a new endoscopy suite, an expanded cardiac catheterization lab, a new space for the medical laboratory and a new chapel.

These spaces will be housed in the same rooms previously occupied by operating rooms. Ten new surgical suites opened last October on the fourth floor.

Also on the fourth floor will be renovated medical/surgical inpatient rooms.

“That project is less than $200,000, and just requires some minor equipment changes,” said Gail Winslow-Pine, marketing director for the 330-bed hospital.

Project principals include Dignard Architectural Services of New Boston, architect; and Harvey Construction of Bedford, construction managers.

BWK CM for Xaverian House Reno

Danvers, MA - BWK Construction served as the construction manager and constructor for the addition / renovation at the Xaverian House in Danvers.

The primary focus for the design team was on quality of life issues. The 6,000sf addition enhanced the convalescent and administrative capacities of the residence with a new medical office / physical therapy suite, automated entry systems, a Community Office for the Superior, as well as a Great Room suitable for lounging and entertaining.

Renovations to the existing 20,000sf building included a complete renovation of the HVAC system, new interior finishes throughout, a commercial kitchen, the conversion of an interior stairwell into a shaft-way for the new HCP accessible elevator and ADA compliant modifications to the existing bathrooms.

Historic Hagar House – recently converted into medical clinic and residence.

Weston, MA – HDS Architecture is converting the historic Hagar House, located at 158 Boston Post Road, into a 6,000sf combined medical clinic and residence for Dr. James Alex. The existing house was built in 1904 and is one of a few authentic American Shingle-Style examples in Weston. The building will become the “Weston Center for Cosmetic Surgery” and Dr. Alex’s residence.

The project required and received approvals from the Weston Historical Commission and the Zoning Board of Appeals. In addition to renovating the historic structure, HDS designed alterations and modifications to the existing structure incorporating historically compatible architectural elements while maintaining the character and authenticity.

“There were many technical challenges in order to bring this building up to modern standards while maintaining its historic integrity,” says Keith B. Gross, project architect. The building now complies with the requirements of the Architectural Access Board and incorporates state-of-the-art new mechanical and electrical systems servicing the specialty needs of the clinic and operating rooms.

In order to reduce long-term maintenance and operational costs, durable materials were utilized, including cement board shingles with woven corners and tight coursing replicating the original shingles as well as closed cell foam insulation in the walls and attic for thermal and moisture control.

The new entrance to the clinic was strategically positioned to connect the house to the existing barn for future expansion.

Bovis Lend Lease – AstraZeneca, Waltham
City of Attleboro – Pond Street Landfill, Attleboro
Columbia Construction Co. – 16 Miner Street, Boston
John Moriarty & Associates – Museum of Fine Arts, Boston
LNR/Tishman Construction – Shea Memorial Drive, South Weymouth Naval Air Station
Shawmut Construction – Apple Computer
Shawmut Construction – Malkin Center, Cambridge
Skanska USA Building – Harvard Law School Enabling, Cambridge
Suffolk Construction – Cambridge Residence, Cambridge

Turner Construction – RISD Memorial Hall, Providence RI
Walsh Brothers – Johnson and Wales, Providence RI
Walsh Brothers – Lahey Clinic, Peabody
Walsh Brothers – Newport Grand Casino, Newport, RI
Walsh Brothers – North Shore Medical Center, Danvers
Walsh Brothers – St. Elizabeth's Hospital, Brighton
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Suffolk Construction – Cambridge Residence, Cambridge

Suffolk Construction – Long Island Day Camp, Boston
Turner Construction – Harborview, Boston
Turner Construction – Harvard Life Science, Boston
Turner Construction – Mass General Hospital, Boston
Turner Construction – RISD Memorial Hall, Providence RI
Walsh Brothers – Johnson and Wales, Providence RI
Walsh Brothers – Lahey Clinic, Peabody
Walsh Brothers – Newport Grand Casino, Newport, RI
Walsh Brothers – North Shore Medical Center, Danvers
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Plymouth State University Renovates Historic Hall Designed by Lavallee Brensinger, CM Pizzagalli Construction

Plymouth, NH - Mary Lyon Hall, one of the oldest buildings on the Plymouth State University campus, has been comprehensively renovated to address aging infrastructure and increasing student expectations. The five-story, 74,000sf student residence hall houses 252 undergraduate student beds and three academic department programs.

Named for Mary Mason Lyon, a pioneer in women's education in America, the building has served the University since the turn of the century. Faced with increased energy costs, deferred maintenance, and the growing expectations of the modern university student, Mary Lyon Hall required extensive renovations. Antiquated mechanical systems, inadequate life safety systems, non-compliant emergency egress stairways, along with balancing contemporary student amenities against bed count were all challenges needing to be addressed.

The biggest design challenge was distributing new HVAC and power/data infrastructure invisibly throughout the building. Working closely with the engineers, new distribution systems were devised that limited duct size while maintaining appropriate air exchange rates. Strategies were devised for vertical and horizontal system distribution to minimize intrusions into occupied spaces. Previously underutilized attic areas were upgraded into new mechanical penthouses, enabling distribution, ease of maintenance, and increased equipment life.

“The Lavallee Brensinger team is terrific,” said Bill Crangle, the University’s special assistant to the president. “They offered us a lot of ideas and wonderful designs for rehabbing Mary Lyon Hall. Their expertise and creative ideas resulted in a facility that we were able to successfully open on time and on budget. They were a pleasure to work with.”

Committed to sustainable design, the Lavallee Brensinger design team directed the careful removal and inspection of the existing slate roof. This process produced many slates suitable for reuse on other campus renovation projects, forgoing the need to quarry any new slates for those projects. The original historic weathervane, atop the cupola, could not be saved but was carefully removed and meticulously replicated at a local forge.

Another major concern of the old building was life safety and emergency access. A comprehensive strategy was developed, adding two new emergency egress stairways. Additional life safety features, including new fire protection, alarm, and security systems, were also installed.

The construction manager for the project was Pizzagalli Construction Company.
Erland Completes Mall Renovation
O’Neil Pennoyer Architects

Lincoln, MA - The mall at Lincoln Station, a cornerstone of commerce for Lincoln, has received a major makeover. After more than a year of construction, Burlington-based Erland Construction – teaming with Cresset Development, William Jackson Associates, and O’Neil Pennoyer Architects – has completed renovations and upgrades to this retail center owned by the Rural Land Foundation.

The project included redeveloping the 33,400sf of existing buildings onsite. In addition, two new buildings were added – a new 12,000sf, two-story structure to house the post office and other offices and a building with a new bistro restaurant. The core and shell of the existing supermarket was expanded and the entire site was landscaped.

Several green elements were incorporated into the project. The crew installed a solar hot water heating system for domestic hot water use in the new café and the HVAC systems were designed to be more energy efficient.

“This is an important project for the town of Lincoln and we’re honored to have been part of it,” says Erland Commercial Group Manager, Rick Jensen. “We’re proud that this renovation project was able to strike great balance between upgrading the site while maintaining local charm.”

Erland Construction, based in Burlington, Massachusetts, is a leading open shop construction management, program management, design/build, and general contracting firm. The 32-year-old company has the specialized proficiency for new construction, additions, and renovations in major market sectors including residential, academic, commercial, healthcare, and life sciences. For more information please visit www.erland.com.

Chestnut Park on Schedule
JSA Architects

Brighton, MA – Nauset Construction, Inc, a Needham-based construction management company, announced the Chestnut Park at Cleveland Circle assisted living facility project located in Brighton is progressing according to schedule and will be completed in early spring of 2009.

Nauset partnered with owner Benchmark Assisted Living, of Wellesley and architect JSA Architects from Portsmouth, NH on the $1.5 million renovation and upgrade to the existing facility.

The facility is currently undergoing a 23,000sf renovation, which includes 28 assisted living residential units and common areas, as well as the addition of several new amenities. Four units have a two bedroom design, while the remaining units are one bedroom. Fourteen units are designated as Alzheimer’s assisted living units.

As part of the project scope of work, Nauset is also constructing a new activities room, two new beauty salons, common areas, a new spa, dining room, kitchen and serving area, and administrative office space. Other planned facility enhancements include major upgrades to the fire protection and lighting systems.

A revitalized tranquil courtyard surrounded by lush gardens and walkways will be constructed for residents to enjoy.
Calculating the Embodied Energy of Existing Buildings

By Thomas RC Hartman, AIA

On December 13, 2007 Richard Moe, the president of the National Trust for Historic Preservation, delivered a speech in Washington, D.C. advocating the value of the existing building stock. He spoke out for preservation over demolition, and for retaining the energy embodied in the existing structure. The bottom line, he says, is that “the greenest building is the one that already exists.” He said that “recent research indicates that, even if 40% of the materials are recycled, it takes approximately 65 years for a green energy-efficient new office building to recover the energy lost in demolishing an existing building.” He does not provide a source for his “recent research” and, unfortunately, in events that our firm attends and in conversations with colleagues, we are noticing this proposition being accepted unchallenged as a conventional wisdom. Furthermore, isn’t the greenest building the one that you have owned?

A number of researchers in the U.S., Canada, U.K. and Switzerland, in particular, in not so recent years, scoured the industrial and construction databases to reveal the embodied energy in an average building. In 1978, Richard Stein, in his book, “Architecture & Energy,” noted, “An average building requires about 1,142,000 BTU/square foot (3,604 kWh/square meter) of energy to build, with substantial variations above and below this figure according to building type.” Stein’s figure is based on 1967 U.S. census data. More recently in 1997, Ray Cole and his colleagues at the University of Vancouver established 4.82 GigaJoules / square meter (1,340 kWh / square meter) for a typical commercial building. I will take this as a current, reliable data point for commercial buildings in North America.

So let’s test Moe’s assertion. Assume a well-designed, well-maintained high performance building has an annual total energy demand of 100 kWh / square meter / annum (or perhaps even more if it is a product of the 1960s and has survived without substantial renovation). That being the case, there is an annual 100 kW-300 kW / square meter energy advantage in the new building over the old, which, if divided into the 1,340 kWh / sm embodied energy figure, indicates that our new high performance building recovers the energy invested in its demolished sibling within 4.5 to 13.5 years – and that’s assuming that 100% of the existing structure is lost. If, as Moe allows, 40% of the embodied energy is recovered, then the deficit is re-dressed in slightly more than half that time – 2.5 to seven years.

At the upcoming Building Energy 2009 conference in Boston this March sponsored by the Northeast Sustainable Energy Association, my partner Bruce Coldham and I will be participating in a session with Patrice Frey, the director of Sustainability Research for the National Trust for Historic Preservation, and we will seek to better understand the assumptions, assertions, and relevance of this topic to how we address our existing built environment.

As a reference point, a project that we are working on for an amazing client, Lawrence Community Works in Lawrence, Mass., is Union Crossing – 2.5 to seven years.

February, 2009
Clean Energy Projects Receive Grants

Bouton MA - Secretary of Energy and Environmental Affairs Ian Bowles announced grants supporting nine new renewable energy projects awarded by the Massachusetts Renewable Energy Trust.

- The Aquacultural Research Corporation (ARC), a 39.7 acre shellfish cultivator and wholesaler situated adjacent to Cape Cod Bay in Dennis.

ARC intends to install a utility scale wind turbine, approximately 600 kW, to help offset electricity demand and rising energy costs, and for environmental benefit. A utility scale wind turbine, using the abundant free wind resources that can provide for future energy needs, will ensure cost competitive shellfish production.

Building type: Shellfish culture and processing

Technology: 600 kW wind turbine
D&E Grant: $400,000

- Berkshire East Ski Resort (BESR) is working with Sustainable Energy Development, Inc. to design and construct a 600 kW wind turbine on its property located in Charlemont.

Because of the energy intensive nature of snow production, BESR uses a substantial amount of electricity. Construction is expected to be completed in late 2009.

Building Type: Ski resort
Technology: 600 kW wind turbine
D&E Grant: $400,000

- The L.P. Athol Corporation in Athol has been awarded a grant to install a biogas chp system at its wastewater treatment plant. The project will use skid-mounted microturbines for a total rating of 195 kW. Pittsfield's wastewater treatment plant already has an anaerobic digester and the biogas is currently being flared. The biogas will be used to generate electricity and heat to meet baseline demands at the site and reduce the environmental impact associated with flaring of the biogas. All the electricity produced will be used onsite and the waste heat will be recovered to heat the sludge being treated in the digester.

Building type: Wastewater treatment plant

Technology: Anaerobic digestion/microturbine (195 kW)
D&E Grant: $400,000

- The new Shaw’s Star Market, located in Chestnut Hill will be a full service supermarket primarily powered by the PureCell Model 400 kW fuel cell. The fuel cell will convert reformated natural gas into hydrogen for a clean, efficient, and reliable power supply. The system will provide electricity for in-store use to displace purchases from the local utility and thermal energy in the form of chilled water and hot water.

Building type: Supermarket
Technology: 400 kW fuel cell
D&E Grant: $400,000

- The Southworth Company plans to redevelop a 576 kW hydroelectric system at its Turners Falls Mill located along the Connecticut River. The hydroelectric power generation will assist the company in manufacturing its custom specialty papers and custom converted envelopes, which can be found in office products superstores, mass merchant chain stores, and commercial catalog distributors.

Building type: Industrial facility
Technology: Hydroelectric - 576 kW
D&E Grant: $400,000

- Upper Cape Regional Technical High School is developing a 2 MW wind turbine at its 70-acre campus located in Bourne. The installation of a large-scale wind turbine will be used to offset the school’s electricity use of approximately 1,000 MWh. The project includes collaboration with several public entities, including the Bourne Recreation Department, the Massachusetts Maritime Academy and the U. S. Army Corp of Engineers, which seek to reduce their electrical costs.

Building type: Public school
Technology: 2,000 kW wind turbine
D&E Grant: $400,000

- A new Whole Foods Market under development in Dedham plans to have the store powered by a PureCell Model 400 kW fuel cell. The fuel cell will convert reformated natural gas into hydrogen for a clean, efficient, and reliable power supply. The fuel cell system is designed to provide electricity for in-store use to displace purchases from the local utility and thermal energy in the form of chilled water and hot water.

Building type: Supermarket
Technology: 400 kW fuel cell
D&E Grant: $400,000

- Upper Cape Regional Technical
New Home Base for Moran Shipping

Providence, RI - Providence mayor David Cicilline says major renovations will transform the designated new home base for Moran Shipping Agencies, Inc. at 106 Francis Street into “a true showcase facility” in the capitol city.

The three-story former Rhode Island Medical Society building, built in 1912, had lain idle since its former tenant moved out in 2003. But, since its basic architectural beauty had placed it on the National Registry of Historic Places in 1984, it caught the eye of Moran Executive Vice-President Jason E. Kelly as he sought a site to relocate from his then-occupied Warwick location. Purchasing the property for $3.6 million and now adding an equal amount for the major renovations, Kelly stands by his interest in the rebirth of downtown Providence and the preservation and utilization of its historic buildings.

The transformation of this building will create one of the state’s greenest office buildings, including a geothermal heating and cooling system which will utilize two 1,500-foot deep wells to supply a steady stream of ground water for the heating and cooling requirements, with a small basement unit handling the 46-50 degree water as it is pumped up at a rate of 78 gallons per minute to a heat exchanger, and then recycled back into the ground. Individual mechanical units scattered around the office areas will allow customized control of the outflow temperatures, thereby reducing the costs of heating and cooling drastically.

The Garthwaite Center Wins Award

Built by Consigli, Designed by Architerra

Weston, MA - The Garthwaite Center for Science and Art at The Cambridge School of Weston, has been recognized with a 2008 “Beyond Green” award from the Sustainable Buildings Industry Council, acknowledging the school’s commitment to high-performance sustainable construction.

The Garthwaite Center, an award-winning, 21,000sf green facility designed by Architerra Inc. of Boston, and built by Consigli Construction Co., Inc. of Milford meets LEED Platinum standards, as outlined by the United States Green Building Council. With multiple sustainable components, including a wood-pellet boiler, composting toilets and green roof system, the building’s recognition as a winner in the 2008 “Beyond Green” campaign complements the school’s commitment to environmentally-friendly design and construction.

The transformation of this building will create one of the state’s greenest office buildings.

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Real Solutions. Real Experts.

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For more information visit www.buildingenergy.nesea.org.
Winn Completes Solar Installations

Boston, MA – WinnCompanies has completed solar power installations at seven locations in Massachusetts and Connecticut. The scope of these installations on affordable housing units, delivering nearly one megawatt of solar power, is one of the largest initiatives put forward in the United States.

The two featured Massachusetts properties are Whaler’s Place, 75 units of senior housing in New Bedford; and Stony Brook Village, 98 units of family housing in Boston.

Whaler’s Place was once a part of the historic waterfront Whitman Mill. Originally built in 1894, the property has housed a garment and textile factory, a wholesale store, and is now home to 75 one- and two-bedroom apartments and townhouses for residents age 55 and older.

Stony Brook Village offers 98 units of affordable rental housing consisting of 69 one-bedroom and 29 two-bedroom apartment homes. Located in Hyde Park, Stony Brook Village is easily accessible to major routes and convenient to Forest Hills, Readville and Mattapan Square.

Locations in Connecticut include Mill Pond, a 360-unit affordable housing apartment community set on 47 acres of open fields surrounded by rich farmland in Broad Brook; Schoolhouse Apartments, a senior apartment community located near downtown Waterbury (Wilby and Webster buildings); Sunset Ridge, a 312-unit affordable rental community located in New Haven; and Rolling Ridge Apartments, a 180-unit affordable apartment community located in the heart of West Haven.

The solar panel systems combined will generate almost a million kilowatt hours of clean renewable electricity annually. This electricity would otherwise have to be purchased directly from the utility companies.

“By installing solar energy at these locations, we are preserving the long term affordability of the developments, and also allowing residents to reduce their carbon footprint,” said WinnCompanies Director of Green Building Heath Clark.

As managers of 70,000 units of housing, most of which is affordable, Winn has a strong interest in developing and operating the properties as efficiently as possible. The solar installations are a small part of an aggressive greening effort put in place by WinnCompanies. Other efforts have included LEED in new construction and energy retrofits in existing buildings including air sealing and insulation, lighting improvements, and water efficiency.

NE Leads U.S. in Green Building

Hingham, MA – Green building is gaining in popularity nationwide, and regionally, New England states are leading the way.

In the 2008 study, “State-Level Office Building Energy Efficiency Rankings,” by Jerry Jackson, Ph.D., of Texas A&M University, Jackson identifies the top 10 of the contiguous 48 states with the most energy-efficient office buildings, and the majority are in New England. In descending order, the top 10 are Maine, Massachusetts, New Hampshire, Vermont, Nevada, New York, California, Connecticut, Rhode Island, and New Jersey.

“The New England area has taken a proactive stance in the green building movement,” said Leo A. Reed, executive vice president of the New England Mechanical Contractors Association (NEMCA). “To help meet the growing need for green building in New England, NEMCA is providing member mechanical contractors with the sustainable technology guidance they need to advance the green building movement.”

According to the National Building Institute, buildings certified by the LEED rating system are, on average, 25% to 30% percent more energy-efficient than buildings that are not LEED-certified. The LEED rating system, which was developed by the U.S. Green Building Council, sets green standards for new construction and renovation and maintenance of existing buildings.

NEMCA is providing free green building webinars for contractor members at www.nemca.org.

Gallagher Gains GreenStar Status

Cambridge, MA – Thomas G. Gallagher, Inc. has received the GreenStar designation by the Mechanical Service Contractors of America (MSCA). GreenStar status is awarded only to those HVAC contractors who have developed the knowledge and skills to deliver energy-efficient, cost-effective indoor environmental solutions to their customers.

“We’re very proud of our GreenStar designation,” says Brian Potter, CEO of Thomas G. Gallagher. “It’s one more indicator of our commitment to green building.” Potter and Senior Project Manager Mike Betts have earned certification as LEED Accredited Professionals, one of the requirements for the GreenStar award.

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RCG and Nexamp Complete Upgrades
Make Clean Energy Profitable

North Andover, MA - RCG LLC, developer of East Mill, and tenant Nexamp, Inc., a veteran-owned energy and carbon solutions company, recently completed extensive onsite renewable energy and energy efficiency improvements. These green energy upgrades make Nexamp’s corporate office a “beyond zero net-energy” workplace: a rare facility that produces more energy than it consumes. The improvements at East Mill—a commercial complex of renovated 1850s mill buildings—include a 67-kilowatt (kW) solar photovoltaic system, Hallowell Acadia™ efficient heating and cooling system, an LED lighting pilot, and other efficiency measures.

“RCG’s goal is to develop sustainable mixed-use communities and attract like-minded tenants. Fortunately, sustainability and profit can go hand in hand,” said David Steinbergh of RCG LLC. “By partnering with Nexamp to identify and implement energy solutions at East Mill, RCG is realizing 15% to 20% rates of return on our clean energy investments, and East Mill’s efficiency upgrades insulate RCG and our tenants from rising energy prices.”

“Nexamp installed over 750 kW of clean energy projects in 2008 and has grown to 26 employees, many of whom are veterans,” said Daniel Leary, president of Nexamp. “As growth increases, our energy costs and carbon footprint, it is important for Nexamp to practice what we preach and achieve the highest standard. I am pleased to have teamed with RCG to make Nexamp’s corporate office a model for how to profitably go beyond zero net-energy, even for older buildings such as East Mill.”

Nexamp, Inc. designed and installed the solar photovoltaic and Acadia efficient heating and cooling systems at East Mill. Supported in part by a rebate from the Commonwealth Solar program launched by the Patrick Administration in January, the 67-kW solar photovoltaic system generates about 200% of the power required to run the heating and cooling equipment, lighting, computers, servers, and appliances at Nexamp’s 4,500sf corporate office. The Acadia™ system heats and cools the office at twice the efficiency of a modern commercial fuel furnace or boiler. The LED lighting pilot illuminates the conference room using 1/3 the electricity as compact fluorescent lights. The solar photovoltaic system feeds power directly into the building, offsetting the amount of power that must otherwise be purchased from the utility, and through a process called net metering, sells surplus generation back to the utility at the full retail rate. Only a handful of businesses in Massachusetts generate enough of their own energy to fully offset their consumption.

“This is a great example of what can be achieved by combining renewable energy with energy efficiency to make buildings that produce as much energy as they consume, as Governor Deval Patrick has called on the design and construction industry to achieve through his Zero Net Energy Buildings Task Force,” Secretary of Environmental Affairs Ian Bowles said. “Nationwide, buildings account for 40 percent of all energy consumption and a third of all greenhouse gas emissions. Zero net energy buildings are vitally important to our clean energy future, and I congratulate the RCG and Nexamp team for taking this building even farther.”

The solar photovoltaic system is engineered by Nexamp to last 30-plus years. All of the major components are from Massachusetts companies, including solar panels from Evergreen Solar, an inverter from Solectria Renewables, and a mounting system from PanelClaw.

Other requirements include a green training program for employees, a consistent record of recommending sustainable services and green equipment to its customers, an internal “green policy” and participation in at least one LEED-certified project in the last three years.

The Green Roundtable Calendar Events for February
The following is an abbreviated list of events for the month of February offered through the Green Roundtable. For full details on any listing, visit: http://www.nexusboston.com/space/events.html/2009/.

2/14/2009 10:00 am - 2:00 pm
- The Green Roundtable—NEXUS Second Saturdays: Green Home Maintenance

2/19/2009 12:00 pm - 2:00 pm
- The Green Roundtable—Engineering for Architects: Energy Modeling Seminar

2/24/2009 6:00 pm - 7:00 pm
- The Forum—Boston LEED Users Group (BLUG): Cost of LEED

- The Green Roundtable @ the 2009 New England Home Show

March:
3/3/2009 12:30 pm - 1:30 pm
- The Green Roundtable—Brown Bag Lunch & LEED

For more information, visit http://www.nexusboston.com/space/events.html/2009/.
Westford, MA - PUMA, the global athletic brand known for both sport and fashion, has opened its new corporate headquarters at 10 Liberty Way in Westford. PUMA North America collaborated with architects Spagnolo Gisness & Associates; construction management firm, J. Calnan & Associates; and mechanical/electrical/plumbing engineers, AHA Consulting Engineers to design and build the new headquarters.

Measuring 129,000sf on 19 acres, PUMA North America is a two-story building housing 140 offices and 20 meeting spaces including a Brand Center for sales and merchandising meetings as well as brand events, and four café areas and a fully equipped catering kitchen.

A modern 1,500sf gymnasium including locker rooms and showers was built exclusively for the employees, to encourage a healthy and active lifestyle. Multiple product displays were designed to uniquely showcase PUMA’s footwear, apparel and accessories, including a catwalk in the front lobby as well as a gallery display of historical PUMA products such as the Mox and PUMA Clyde.

In line with the brand’s playful demeanor, the signature PUMA Red, quirky PUMA icons as well as the PUMA Cat are featured throughout the building. Interior highlights include a visually striking 60-foot-long skylight as well as a lobby boasting an open atrium with 23-foot-high ceilings and glass rails. The entire team worked together to ensure the new offices went above and beyond the demands of today’s environmental standards, reducing energy, using recyclable/reusable materials, producing minimal waste and utilizing sustainable construction methods.

In an effort to harness the sun’s natural energy, photovoltaic solar panels were installed to convert sunlight into renewable electrical energy. To increase the use of natural light and reduce the need for electrical lights, 16 solar tubes were installed as well as the addition of 60 new windows in the renovated existing building. Windows are tinted to reduce heat and cooling requirements and rooms are affixed with energy efficient lights and motion sensors.

Many building materials, such as bricks and drywall, were reused, recycled and reprocessed onsite during the construction process. The roof was made of 135,000sf of environmentally friendly white TPO (Thermoplastic Polyolefin), rather than rubber. Several interior materials kept the environment in mind including recycled, renewable and biodegradable linoleum floors, eco-solution carpet tiles and partially recycled content ceiling tiles.

Blackwater Design was responsible for landscape design. Odeh Consultants, Inc. served as the structural engineer. Meisner Brem engineers conducted the land survey and assisted with the town approval process. CB Richard Ellis was the project manager.
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Suffolk Begins Rashi School
Designed by HMFH Architects

Dedham, MA - The Rashi School, the Boston area Reform Jewish Day School, currently located in Newton, announced that construction has begun on its new facility on the Hebrew SeniorLife Campus, NewBridge on the Charles, in Dedham.

With this project, the Rashi School, home to 300 students in grades K-8, will secure a permanent home after moving numerous times in its 22-year history. The new facility will be specifically designed to accommodate Rashi’s rigorous and unique academic program, which caters to students’ individual learning styles, and will include state-of-the-art academic and athletic facilities.

The new Rashi will be built on 17 acres along the banks of the Charles River, adjacent to Hebrew SeniorLife’s NewBridge on the Charles continuing care senior facility currently under construction, completing a multi-generational campus for Greater Boston’s Jewish community.

Rashi secured $23 million in tax-exempt bond financing issued by MassDevelopment and purchased from Century Bank and has selected Suffolk Construction to complete the work. The school hired Zions Bank to structure the tax-exempt bond issue on its behalf.

Slated to open in fall 2010, the new privately funded 82,000sf building, designed by HMFH Architects Inc., will be LEED certified, meeting the standards of the U.S. Green Building Council’s Leadership in Energy and Environmental Design, and will feature modern classrooms with “smart boards,” wireless Internet throughout the building, a fully-equipped science lab, a 10,000-volume library, a bright art studio and dedicated music room, community spaces for prayer and holiday celebrations, a spacious auditorium for performing arts, a regulation sized gymnasium, sports fields and two playgrounds, a dedicated room for before- and after-school programs, a modern kitchen and cafeteria and outdoor classroom and assembly space.

Tufts Addition Reaches Mid-Point
Designed by ARC Shawmut Design GC

Boston, MA - Officials from Tufts University School of Dental Medicine, ARC/Architectural Resources Cambridge and Shawmut Design and Construction recently recognized the mid-point construction of a five-story, 95,000sf vertical addition above the Dental School’s existing 10-story building in Boston’s Chinatown.

“This is a significant milestone for both the project and for Tufts Dental School,” said Joe Castellana, executive associate dean at the Tufts University School of Dental Medicine. “When the glass façade installation is completed next month, we will really start to see the realization of this expansion. We’re thrilled that our project is moving full steam ahead and that we’re getting closer to completion.”

The project is scheduled for occupancy at the end of 2009. The $64 million addition at One Kendall Street is designed by ARC/Architectural Resources Cambridge. Shawmut Design and Construction, a construction management firm, serves as general contractors for the project.

The original building for Tufts was envisioned in 1972 to be a 16-story structure; however, due to budget restraints, the building plan was revised to construct only 10 floors at the time. ARC’s design, which will now add five additional floors, includes two new clinical patient floors, an expanded simulation lab and teaching facilities for students, as well as a continuing education conference center and administrative offices.

The new vertical addition adheres to the modular order of the original building’s façade while introducing new materials and forms that complement the precast concrete materials of the existing building.

As part of Boston’s mandate that all new construction be sustainable, ARC is designing the addition and renovation with the goal of LEED certification.
Providence, RI - Payette, an architectural design firm, announced the recent opening of the Center for Biotechnology and Life Sciences (CBLS) building at the University of Rhode Island.

Payette designed both the CBLS and the College of Pharmacy, which is scheduled to begin construction in spring, 2009. These two buildings are the first and second phases of a larger North District Master Plan, creating two new quads for the life sciences on the URI Kingston Campus. They are part of the University’s sweeping plans to create a science and technology hub on the north campus. The goal of both projects is to prepare students for careers in the life sciences industry, and foster biotechnology development in the Rhode Island economy.

The CBLS replaces outdated teaching and research facilities in the Biological Sciences Building and the DeWolf Laboratory and provides relief for oversubscribed classrooms in Ranger Hall, Morrill Hall, and Woodward Hall. It houses approximately 30 faculty members and their research groups, as well as teaching labs and classrooms for life science education, enabling the removal of the existing Biological Sciences Building and creation of an open space campus quad in its place.

The 140,000sf building is organized by a four-story atrium that connects a research wing and a teaching wing. Teaching and research labs are linked by informal spaces that encourage student and faculty interaction. The facility also includes a 300-seat auditorium, a genomics lab with DNA sequencing equipment, a bio-safety Level 3 lab and an aquaria lab.

Sustainable design and construction measures were employed throughout the building, which is expected to be certified LEED Silver later this year.

Payette worked with Lerner, Ladds & Bartels, associate architect, and the construction manager Gilbane Building Company, both based in Providence. Vanderweil Engineers of Boston provided mechanical, electrical and plumbing services. The structural engineer was Simpson Gumpertz & Heger (SGH) of Waltham, Mass. for the CBLS building and Odeh Engineering of North Providence, for the College of Pharmacy building. Pare Corporation of Lincoln, Rhode Island served as the civil and geotechnical engineer and Carol R. Johnson Associates of Boston designed the landscaping.

Payette Opens Center for Biotechnology and Life Sciences at URI

Lerner, Ladds & Bartels, Associate Architect

Above: Recently opened CBLS building at the University of Rhode Island. Right: New Center for Biotechnology and Life Sciences at URI. Renderings courtesy of Payette.
EnviroVantage President Elevated to 2nd Vice Chair ABC

Epping, NH - Scott Knightly of EnviroVantage was recently appointed as the 2nd Vice Chair of the Associated Builders and Contractors NH/VT chapter.

Knightly, who is Owner and President of EnviroVantage, is already a member of the organizations Board of Directors. In his newly appointed position, he will be responsible for supporting the efforts of the organization through his work with the President and the 1st Vice Chair.

Knightly, a graduate of The University of New Hampshire’s Whittemore School of Business and Economics, is a pioneer in the abatement industry. The processes and practices he developed as New Hampshire’s first Private Lead Contractor were adopted as state regulations in New Hampshire, Maine and Massachusetts.

In his latest honor, Knightly is currently serving on the Board of Directors for the National Demolition Association, the Asbestos Advisory Board for the State of NH as well as the Lead Advisory Board for the State of NH.

EnviroVantage, Inc. is a regional leader in environmental cleanup and the removal of hazardous materials, including lead paint, asbestos, and mold for building projects requiring renovation, demolition, or historic reconstruction.

EnviroVantage created the standard procedures for lead paint removal and staffs experts on every major contaminant found in buildings. More information about EnviroVantage can be found at www.envirovantage.com.

Stefanick LEED Accredited

Stoughton, MA - Frank Stefanick, Vice President Project Operations at EMCOR Services Northeast, Inc., has received accreditation from the U.S. Green Building Council (USGBC) as a LEED professional.

EMCOR Services Northeast, a provider of mobile facilities services in New England, is a subsidiary of EMCOR Group, Inc.

Stefanick’s accreditation is part of a company-wide EMCOR program whereby all key personnel, coast-to-coast, will become accredited under the guidelines of USGBC’s LEED program.

Stefanick has extensive HVAC construction and service experience. He oversees all company projects, including new construction and retrofits.

European Union Adopts ‘20-20-20’ 20% Reduction in Energy Consumption by 2020

U.S. President Obama pledges ‘new era’ of energy, environmental policy built on foundation of energy efficiency

India’s National Action Plan on Climate Change calls for enhanced EE, yielding a savings of 10,000 MW by 2012

With energy efficiency being named a cornerstone of energy and climate policies worldwide, there has never been a greater need to share best practices, policies and strategies for global implementation. On April 27 – 29 in Paris, France over 800 of the world’s preeminent minds in energy efficiency will convene to develop strategic alliances and establish a road map for fully exploiting the energy efficiency “resource”.

Be a part of the conversation by registering today. If you can’t wait until April to begin this important dialogue, listen to podcasts from some of EE Global’s esteemed speakers, engage your colleagues by sharing information about the event from their online toolkit, or join them on Facebook.

The momentum towards an energy-efficient future has never been greater – help keep it moving – EE Global Forum, April 27 – 29, Paris, France.
Salem, NH - Channel Building recently completed all three phases of the Salemhaven Nursing Home & Rehabilitation Center renovation and improvement project at its 110-bed skilled nursing facility. Channel worked with Salemhaven’s Mike Collins as owner’s representative and Trident Project Advantage Group’s Gino Baroni as the owner’s project manager.

In a recent interview Jon Krygeris, project manager for Channel Building, told High-Profile, “We were brought in during February of 2006 to provide a proposal for a demolition of an existing entryway and the construction of a new canopy for the main entry to their building. The project grew in scope from there. We were asked to provide a proposal for the renovation of the interior of the main existing building that was built in 1978 and in need of some updating. “Channel was provided with plans and specifications from Carol Hoffman of Hastings & Hoffman Interiors, of North Andover, on their interior design for what became Phases I and III. Phase I work began in January 2007 starting with the third floor.” Krygeris explained, “Phase I was the renovation of the third floor covering the entire footprint of the building with residence space. Phase II was the design and construction of a new canopy and rear egress to a new exterior physical therapy space and Phase III was the first and second floor renovations including residence space, business offices, lobby and transitional space. Work also included nurse stations, residence activity rooms, private bathrooms, common quarters, med rooms, clean and soiled utility rooms, nurse managers offices and beauty salon.”

The designs for this ‘design-build’ project were produced by Greg Wiech, design manager at Channel. It included the canopy, rear egress and an exterior elevator lift.

Farmington, CT - Konover Construction Corporation, one of the nation’s leading firms providing preconstruction, construction management, design-build and general contracting services, is now KBE Building Corporation.

The firm announced its new corporate name and identity at its 50th Anniversary celebration on January 8. The name change reflects the acquisition of the firm through a management buy-out in early 2007.

“This is the same company that has delivered quality construction projects to its clients for the past 50 years,” said KBE Building Corporation partner, president and CEO Mike Kolakowski. “Only our name has changed. The same leadership team continues to lead the firm. We continue to offer clients our exceptional work ethic and commitment to safety, customer service, and quality construction. We are proud of what we accomplished in 50 years as Konover Construction Corporation. Today is day one of the next 50 years, and we will continue to provide that same level of excellence as KBE Building Corporation.”

“What has made Konover Construction a great organization thus far has been our people and that is precisely what will ensure our ongoing success with our new name, KBE Building Corporation,” said Eric Brown, partner and senior vice president of operations for the firm. “The processes and procedures we have in place are sound business practices, and they’re enhanced by our staff’s expertise and attention to detail.”

“This is an exciting year for our firm as we simultaneously celebrate our new name and our 50th anniversary in business,” said Simon Etzel, partner and senior.
service president of procurement. “We look forward to forging new business relationships with clients who will only know us as KBE Building Corporation, while at the same time continuing to deliver excellence for our clients who have consistently selected Konover Construction in the past for their construction needs over the years.”

The firm is launching a year-long campaign to inform clients, vendors, and associates of the new name. “We have 50 years of client relationships and history built into our old name. We want people to know that we are still the same outstanding company, with the same strong leadership—just a new name,” says Kolakowski.

One of the region’s largest merit shop contractors

From its regional offices in Farmington, Conn. and Columbia, Md., KBE Building Corporation serves the entire East Coast, with experience in all commercial construction project types. KBE’s focus markets include: Higher and K-12 education, retail, senior living & health care, corporate, and hospitality & entertainment. Its staff of 150+ experienced construction professionals and support staff provide preconstruction, construction management at risk, construction management as advisor, design/build and general contracting services. The firm has an in-house Sustainable Design Group, with LEED Accredited Professionals and in-house estimating and preconstruction services, including mechanical, electrical, and site specialists.

An outstanding commitment to job site safety

KBE’s safety record and award-winning safety program are nationally recognized, and the firm places safety as its top priority for those working on its project sites and those living, working or visiting its project sites. In February 2008, the federal and State of Connecticut Occupational Safety

Continued on page 34

KBE Announces ‘50 Ways to Make a Difference’ Initiative

Farmington, CT - KBE Building Corporation (KBE), formerly Konover Construction Corporation, launched a new community outreach initiative to lend a helping hand to people and organizations in the communities where the firm works or its staff lives. This dynamic philanthropic endeavor, called “50 Ways to Make a Difference,” is a yearlong community support program in celebration of the company’s 50th year in business.

“‘50 Ways to Make a Difference’ exemplifies KBE Building Corporation’s commitment to provide support to our communities,” said Simon Etzel, KBE senior vice president and 50 Ways chairman. “Giving back to our communities is a fitting way to celebrate our 50th year in business—and is entirely keeping with our firm’s long legacy of charitable giving. The ‘50 Ways’ program will focus on 50 community outreach projects that KBE will support through monetary donations and/or volunteer efforts. These projects will center on community improvement initiatives as well as services and support for children, education and seniors.”

Etzel says in the states where KBE does business – New England and the Mid-Atlantic—individuals and firms can apply for a “50 Ways to Make a Difference” project. He says a selection committee will determine which projects are chosen for execution, and certain rules do apply.

Since its early days, KBE has contributed millions of dollars in financial and in-kind support to charitable causes and civic organizations in local communities. The founder of Konover Construction, Simon Konover, started the tradition. The company and its employees actively participate in grassroots level community support efforts and work with other organizations to support causes that enhance the quality of life in our communities.

The firm’s first “50 Ways” project is a financial contribution to the Hole in the Wall Gang Camp in Ashford, Connecticut. The Hole in the Wall Gang Camp, founded by Paul Newman in 1988, is a nonprofit residential summer camp—an ingeniously designed and dazzlingly equipped Wild West hideout in northeastern CT—for children with cancer or other life-threatening diseases. Over 1,000 children aged 7 to 15 come each year, free of charge, from across the U.S. and abroad. KBE Building Corporation began working with Newman more than 20 years ago, constructing the original $10 million camp with its 30 buildings and development of 50 acres in just nine months. KBE has continued to build many new facilities and additions over the years. The camp provides campers’ cabins, director’s housing, dining facility, a state-of-the-art kitchen, and additional additions, pool and gym center, and a Performing Arts Center. Most recently, KBE completed Lulu’s Lodge, which provides housing for visiting families of campers. KBE’s support over the years has ranged from donation of construction management fees and staff time to financial donations.

This year, at KBE’s 50th anniversary celebration, the Hole in the Wall Gang Camp was chosen as the first recipient of a “50 Ways” donation. This was very fitting kick-off project for the program in light of the long standing relationship between the two organizations.
Congratulations To KBE Building Corporation
And Best Wishes For Another 50 Years Of Continued Success
S E A Consultants Inc. congratulates KBE Building Corporation on their new name and continued commitment to excellent client service and to the community.

KBE renovated and expanded the existing Town Center mall in Stamford, Conn., creating a vibrant retail center that has helped revitalize the downtown area.

KBE has completed more than 75 projects for K-12 and higher education institutions. The award-winning Child & Family Resource Center at Eastern Connecticut University offers both a “teaching” day care center and academic space for the University’s Early Childhood Development program.

An owner’s contractor
KBE Building Corporation was founded in 1959 and incorporated in 1966 as the construction arm of a major Northeast developer. Entrepreneur and philanthropist Simon Konover established the construction business when he began developing and building hotels and shopping centers throughout the Northeast and along the East Coast. Functioning as a developer’s contractor, the firm’s staff learned – first hand – the importance of time, budget, and quality.

In the early 1980s, the firm began to take on more and more third-party clients, and by the turn of the century, was performing nearly 80% of its work for third-party clients. Today, 100% of KBE’s work is for third-party clients. Kolakowski credits the firm’s ongoing success in part to the training and philosophy gained in those early years.

“This we still view each project as if it were our own, and work hard to ensure that every project lives up to and exceeds the owner’s expectations. This owner’s philosophy is the most important reason for our great success and growth over the past 20 years from $20 million in annual volume to $350 million today,” says Kolakowski.

An award-winning company
The firm’s work is also recognized in the design and construction industry for both construction quality and exemplary teamwork. Each year, KBE garners numerous industry awards for its work, including recognition from the Construction Management Association of America, the National Association of General Contractors, the Connecticut Association of Builders and Contractors, New York Construction News, and others.

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Monsanto Water Treatment Facility

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A New Law for New Hampshire

By Cheryl Killam

A new law requiring that accessible parking spaces be kept clear of obstructions became effective in New Hampshire on January 1, 2009. It is now a violation for a property owner to allow snow or ice to accumulate in parking spaces reserved for people with walking disabilities. The law does provide a window of 24 hours to remove obstructions that are a result of “adverse weather,” such as snow and ice. For the removal of debris or large objects, this law is less forgiving, requiring immediate response to a complaint.

Access aisles – the striped no-parking zones adjacent to accessible parking spaces – are also included in this law. Access aisles provide the space necessary for a person to fully open the car door and safely maneuver with crutches, a walker, or wheelchair. For vans, these areas provide the space needed for a person who uses a wheelchair to deploy a ramp or lift and safely enter/exit the van.

Without an access aisle, a parking space reserved for people with walking disabilities is not useable and not compliant with accessibility standards. Unfortunately, it is all too common a practice to plow snow into the access aisle or to allow shopping carts to accumulate in the access aisle, rendering the accessible parking spaces useless.

What does this mean for your business? Property owners are ultimately responsible for the condition of parking lots. Agreements with snow removal contractors should be reviewed for timeliness of service and maintenance clauses. Training of staff to be aware of the conditions of the parking spaces for your business should ensure that accessible parking spaces are kept free and clear at all times.

Violation of this law carries a fine of up to $250 for the property owner.

More importantly, by not properly clearing or maintaining accessible parking spaces and their access aisles, you will lose customers. It is estimated that more than 20% of the national population has a disability, and, in 2006 the estimated discretionary spending power of these individuals was $175 billion. If a person with a walking disability is unable to access your business because of obstructed parking spaces or access aisles, you will lose that person as a customer, and possibly that individual’s personal network as well. Cheryl Killam, is a code and compliance specialist at SFC Engineering Partnership, Inc.

Bufftree Selected for Photo Shoot

Wellfleet, MA - Bufftree Building Company of New Bedford has been recognized by the Massachusetts Chapter of the Associated Builders and Contractors, Inc. (ABC) as a national Safety Training and Evaluation Program (STEP) Gold Award winner. STEP awards are presented to member companies recognized as having an outstanding commitment to jobsite safety.

Sperian Protection based in Paris, France has selected the site of the new Wellfleet Fire and Rescue Station being constructed by Bufftree as the preferred location to host the company’s strategic photo shoot for their diverse line of safety products.

“The Wellfleet Fire Department project is a perfect example of a local company doing world-class construction work. The team was easy to work with, provided great insight for our photographers and were consummate professionals...” stated John Montigny, vice president of marketing at Sperian Protection Americas.

Scott Costa, co-owner of Bufftree Building Company, said, “We are honored to be able to provide a high quality, local venue with local employees that will be featured in branding campaigns throughout the construction industry.”

High-Profile: Facilities Development News

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Manchester, NH - CUBE 3 Studio, along with AKF Engineers and Veitas & Veitas Structural Engineers, is currently developing plans for the Elliot at River’s Edge in Manchester. Phase 1 is a 236,000sf ambulatory care center for Elliot Hospital with associated 950 car parking garage, located on the former site of Jac Pac Foods.

Working closely with the joint venture pre-construction team from Suffolk Construction of Boston, and Eckman Construction of Bedford, N.H., the team is carefully navigating the challenges of this brownfield site.

In 2007, the City of Manchester issued an RFP for the development of the site calling for a minimum of 300,000sf of business use as well as a retail and residential component. Anagnost Investments of Manchester was awarded the development rights based on their proposal of almost 460,000sf of ambulatory medical and medical office space as well as a 13,200sf retail pad and 24-unit residential building.

Anagnost Investments then formed River’s Edge LLC in conjunction with Elliot Health System to develop the ambulatory care center as the first phase of the project. “When we created a new master plan about two-and-a-half years ago, we needed to address the access of the delivery of care. The parking at the [hospital] campus was becoming congested, more patients were seeking outpatient services and we needed to address the growing in-patient population,” said Doug Dean, CEO of Elliot Health System.

Expansion of the Manchester hospital campus was first studied, but found to be inadequate according to Elliot CFO, Richard Elwell. “We looked at available property a quarter-mile and a half-mile out, but found negotiations with neighbors would be too costly and time-consuming.”

Continued on next page

Anagnost Investments, CUBE 3 Plan Elliot at River’s Edge

Team: A. W. Rose, Suffolk/Eckman, Veitas & Veitas, CLD Consulting and Thibeault Corp.

Consulting Engineers

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CLD congratulates and supports Elliot Health System’s vision and dedication to the Manchester Community!
High-Profile Feature: River’s Edge

Merrimack River in Manchester became available, Elliot found the property “perfect,” for its needs, according to Dean.

Miller Engineering & Testing, Inc. performed an extensive series of test borings and other engineering and design services both prior and subsequent to site plan approval for the project.

Now that demolition of the former Jac Pac Facility is nearing completion, and Thibeault Corp. is gearing up to start the earthwork to reshape the landscape in accordance with the design plans, Miller’s role will shift to Geotechnical Field Engineering support, Environmental Monitoring of the Brownfields Site, and field and laboratory Construction Materials Testing of the soils, concrete, masonry, structural steel and asphalt.

Elliot is planning to relocate and expand many services to the new site, including ambulatory surgery, endoscopy, diagnostic imaging, women’s health, cardiac and pulmonary rehab and testing as well as develop a new urgent care planned to handle upwards of 40,000 visits per year.

Above: Rendering of Elliot at River’s Edge...view from the bridge.
Right: A building on the site of the old Jac Pac Foods plant was imploded, and an excavator made short work of a structure next to it, as Elliot Health System kicked off its groundbreaking.

Continued from previous Page

Before view of the site before imploding
Littleton, MA - The newly completed office for Acton Medical Associates, located in Littleton, is a 4,000sf medical facility with state-of-the-art equipment. The new facility has the capacity for four doctors, doubling the amount of adult and pediatric medical service the practice can offer to the community.

Acton Medical began in the 1950s and focused on the town of Acton. As the need in surrounding areas grew, the private practice expanded to reach more patients.

The construction manager on the project is J.M. Coull of Maynard and the architect is Maugel of Harvard.
New London Hospital Renovations on Track
With Engleberth, Lavallee Brensinger, and Clough Harbour

New London, CT - New London Hospital has completed the first phase of a $21 million expansion/renovation project encompassing some 60,000sf. This first portion of the project consists of 46,000sf of new construction. Renovation of some 14,000sf of existing space is ongoing and is expected to be completed by May 2009.

Bruce King, president of the hospital, said the project has four main goals: converting semi-private inpatient rooms to private rooms; tearing down an adjacent free-standing medical office building and constructing a new, attached medical office facility; expanding areas for specialty services; and reuniting departments currently located in leased spaces back to the campus.

A new chapel, an interior connection for a mobile MRI unit, a new patient entrance, and additional parking will also be added.

King credits the project's construction team, especially Engelberth Construction of Keene, N.H., and Colchester, Vt., for keeping the project on budget and on track.

Other principals on the project include Lavallee Brensinger Architects of Manchester, and engineers Clough, Harbour & Associates of Keene.
Valley Regional Hosp Renovations
Lavallee/Brensinger Architects - Harvey CM

Claremont, NH - Renovations are well underway at the Valley Regional Hospital in Claremont.

The two-year project will include 54,000sf of new construction and renovation that will increase the size of the emergency department by 50 percent.

The project calls for a new entrance and the emergency department will be moved to a lower floor. The 25-bed critical access hospital, a member of the Dartmouth-Hitchcock Alliance of hospitals, will convert its inpatient rooms to a private configuration.

Nicholson Acquires Terra Drilling
Pittsburgh, PA - Nicholson Construction Company announced it has acquired the capital stock of Terra Drilling Company Inc., a geotechnical contractor headquartered in Hudson, Mass.

"Terra brings to Nicholson a fleet of high performance drill rigs and grouting equipment, a fully-operational yard and maintenance facility, and a veteran workforce," said Nicholson President Andrew Walker.

The acquisition strengthens Nicholson’s position in the New England market, where Terra Drilling has completed hundreds of piling, earth retention, and grouting projects since it was founded in 1984.

"This acquisition, of a company with a fine reputation in the New England market for delivering micropile foundations and all types of support of excavation, will provide a tremendous increase in our capabilities in a key market for our company," said Terra president Andrew Walker.

Terra has worked extensively throughout New England, as well as New York, New Jersey, Pennsylvania, and Colorado, including many of the Central Artery ("Big Dig") projects and several large micropile projects at the Logan Airport 2000 expansion.

NAIOP Program

NAIOP at Night - Cocktail Reception for Industry Professionals
February 24, 5:30 p.m. - 7:30 p.m.
Join us at NAIOP at Night, a fun cocktail reception that offers industry professionals a relaxed evening of networking with peers and an opportunity to develop valuable business relationships.

Watch your email for more information, or visit www.naiopma.org.

Opportunities for Distressed Real Estate & Debt
March 4, 2009, 7:15 a.m. - 9:00 a.m.
Distressed assets may prove to be a silver lining in today's economic climate – find out how you can take advantage of this possible opportunity at NAIOP's March breakfast program. How can owners, developers, investors, and other real estate professionals find opportunities in distressed assets? What can you do to prepare for when these assets go on the market? How will the government and special servicers fit into the process? Featuring a mix of professionals with local and national experience, including Dave Iannarone, Managing Director of CWCapital Asset Management, Pam McKinney, Principal at Byrne, McKinney & Associates, and Paul O'Donnell, Partner at Hinckley, Allen & Snyder, the program will provide an excellent opportunity to network with peers and an opportunity to develop valuable business relationships.

www.naiopma.org
Svigals + Partners Honored

New Haven, CT - Svigals + Partners received a 2008 New England Region Golden Trowel Award for excellence in masonry design and construction and was named a finalist in the British Brick Development Association’s Worldwide Brick category, one of only six projects so honored.

Both honors were bestowed for the firm’s highly expressive use of brickwork in designing the John S. Martinez Elementary School, located in the city’s Fair Haven neighborhood.

Completed in August 2004, the John S. Martinez School is a 100,000sf pre-K-8 brick facility sized to serve 600 students. The school is sited adjacent to New Haven Harbor, which is populated with single-masted sailboats known as “sharpies.” To incorporate the area’s nautical influence into the school’s architecture, Svigals + Partners developed its outer classroom walls as a series of undulating sail-like curves reminiscent of a fleet of sharpies. The scale of the classrooms also breaks down the massing of the elementary school, allowing it to relate to its surrounding context of houses and apartment buildings.

The Martinez School boasts a number of original pieces of art. More than 50 fiberglass bricks designed collaboratively by the community and the firm are randomly set into the brick coursing of the building’s exterior. Further, 15 clay-like fiberglass “garoyles” created by Svigals camouflage roof overflow drains.

A series of billowing curved brick facades are reminiscent of a fleet of sailboats, such as the single-masted “sharpies” popular in nearby New Haven Harbor.

CWDG Honored

Baltimore, MD - Copley Wolff Design Group (CWDG), along with EDAW, Inc., is the recipient of an Honor Award for Group Landscape Architecture for their work on the Wharf District Park on Boston’s Rose Kennedy Greenway.

The Maryland and Potomac Chapters of the American Society of Landscape Architects presented this prestigious award at their 2008 design awards/banquet December 9, 2008 at the Baltimore Hilton Convention Hotel. The awards were selected by a jury of peers. This year’s panel included members of the New York ASLA Chapter. There were 65 entries, a record number for the chapter.

The Wharf District Park is a $16 million, four-acre parcel of land extending from Christopher Columbus Park to Rowes Wharf in downtown Boston. EDAW and CWDG’s Wharf District Park design is meant to serve as a common ground for both Boston residents and visitors, with the central feature being a grand fountain located in an area dubbed the “Great Room.” The design takes into account eye-level views as well as views from the surrounding buildings. Components of the design include a Mother’s Walk promenade, historic interpretation, lawns, decorative four season plantings, and the accommodation of possible small park buildings.

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Residence Inn Nears Completion
Pro Con Architect and CM

Auburn, ME – Construction on the new 100-room, Residence Inn by Marriott hotel located at 670 Turner Street is 75% complete. Pro Con Inc of Manchester, NH is the architect and construction manager for the $7.8 million design build hotel, which is being developed by Auburncourt, LLC.

“The exterior of the hotel is complete with the final painting and final paving scheduled for the spring. The interior finishes are on-going with the mechanical, electrical, fire protection and plumbing systems in the finish stages of installation,” according to the Pro Con Inc project manager. “We’re scheduled to be placing furniture in the rooms by the end of February.”

The four-story, 75,256sf hotel reflects a new generation of Residence Inn by Marriott with exterior stone veneer, gable windows and cathedral ceilings in the Gatehouse and pool areas. The hotel, which is located six miles from I-95 and diagonally across from the Auburn Mall, will offer studios, one- and two-bedroom suites with complete kitchens and separate sleeping and living room areas.

The Gatehouse will feature a large hearth room including a fireplace, breakfast buffet area, guest market, meeting room and study area. Plans call for a connected pool house with an indoor pool, spa, fitness room and guest laundry.

Pro Con Inc. began the hotel’s site work in March 2008 and has scheduled a spring 2009 completion date.

The Riverside Nears Completion
Hamilton CM Payne Collins Architect

Boston, MA - Hamilton Construction Management Corp is nearing completion of The Riverside in Boston’s historic Back Bay, for Beacon Development, LLC. Featured in High Profile’s February 2008 edition, this landmark building is located at 134 Beacon street on the corner of Beacon and Berkeley Streets, with panoramic views of the Charles River, Beacon Hill, and the rest of the Back Bay.

The 24,000 sf building has been redeveloped into five luxury condominiums with a new indoor parking garage at a cost of $7.5 million. The project took approximately 14 months, not including extra work for individual buyers.

The project scope included a complete restoration of the building’s exterior architectural elements, including brownstone, masonry, slate, copper, ornamental iron, and windows. The existing marble portico facing Berkeley Street was replaced with an exact replica produced in Italy and shipped to the United States. The deteriorated carriage house and gardens at the rear of the property were replaced with a new six-car garage and garden walls within the original footprints.

Each of the floor structures of the six-story building were rebuilt to address structural deficiencies and accommodate new floor plans, stairways, and an elevator. Four of the five units were presold and underwent design changes to suit the desires of the buyers. The remaining unsold unit includes imported stone bathrooms with Water Works fixtures and heated floors.

Kitchen and wet bars have custom cabinetry and Viking appliances. Millwork packages in all units include multi-piece crown moldings, panel moldings, window and door casings, and ornate mantels. They have been fully wired throughout for voice/data/security, sound, entertainment systems, and other amenities.

MPM Opens Braintree Office

Braintree, MA - MPM Property Management LLC has opened an office at 65 Bay State Drive to better serve clients as it expands in the Boston and southeastern Massachusetts area.

The company is a multi-faceted commercial real estate services firm primarily serving the southeastern New England area. It currently manages several Class A office buildings as well as other commercial and retail facilities in Rhode Island and southeastern Massachusetts for local and non-New England owners.

In addition to comprehensive property management services, the company provides construction services, parking facility management and real estate development.

Are You Recession Proof?

Construction work from institutions and schools is one reason that the Northeast may be more insulated from a national recession than other areas, and a good reason to participate in our March focus on:

Schools and Institutions

Featuring our annual update on the Society for College and University Planning (SCUP) North Atlantic Region

Send news of your projects, expert advice for school’s planning construction, and advertise your services!

Deadline February 25.
E-mail editor@high-profile.com or contact Michael Marvelli or Anastasia Barnes 781-294-4530
United Way of RI Relocates
Designed by Vision 3 Architects

Providence, RI - After 30 years on the East Side, United Way of Rhode Island recently moved its offices to the historic Calender Mills in the Olneyville neighborhood of Providence. Designed by Vision 3 Architects, the new office involved the careful adaptive reuse and renovation of the historic mill building into a dynamic office facility for Rhode Island’s leading nonprofit organization. The general contractor was Struever Bros. Eccles & Rouse.

Calender Mills, built in 1845, is the former home of the Providence Bleaching, Dyeing, and Calendering Company, which was established in 1814. Calender Mills was chosen strategically by United Way as part of a revitalization effort for the once thriving mill.

Vision 3 took several challenges posed by the historical building requirements and cleverly turned them into design features. An efficient layout embraces every available square foot of space, while incorporating every structural wall and column in the building. A series of open spaces and private offices creates a circular flow around the office with conferencing space lined up between reception and office.

A portion of United Way’s conferencing facilities is available for use by the community, with access from the reception area, and secured access to the remainder of United Way’s office.

Building mechanical systems are exposed and openly screened with acoustic panels to become a signature design feature of the office. “We really challenged our MEP engineer to work within our design” attests Henry Cugno, vice president at Vision 3 Architects. “Everything is exposed and woven together.”
Dellicker Appointed to Two Boards

Manchester-By-The-Sea, MA - Windover, LLC of Manchester-by-the-Sea, builder of custom homes, retail, institutional and commercial construction projects, announced that its president, Lee Dellicker has been appointed to serve on two boards: the Beverly-based Endicott College Van Loan School of Graduate and Professional Studies, Corporate Advisory Committee and the Professional Studies, Corporate Advisory Committee.

“Helping to raise the level of both business education and construction service delivery will also benefit consumers.”

COP Adds Shawn O’Brien

Providence, RI - Creative Office Pavilion announced the addition of a new employee to its Rhode Island office.

Shawn O’Brien joins the company as a business development manager. He most recently was employed with a major U.S. manufacturer in London managing global accounts throughout Europe.

With over 25 years experience in the industry, he has developed sustainable facilities solutions for companies of every size in a variety of industries.

In his new role with COP, O’Brien will serve as a resource to the business and design community finding the product and service solutions that meet the drivers of today’s economy.

Kononchik Const Mgr of the Year

Glastonbury, CT - The Connecticut Associated General Contractors named Steve Kononchik, of Gilbane Building Company, Construction Manager of the Year for lifetime achievements and dedication to the construction industry. The award was announced recently at the association’s 2008 Industry Recognition Award ceremony.

Kononchik has been involved in a multitude of projects in the New England and New York areas for clients including University of Connecticut, Fairfield University, Southside Institutions Neighborhood Alliance (SINA), Lawrence & Memorial Hospital, St. Vincent’s Medical Center, Verizon Wireless and the towns of Hamden and Easton, Conn., among others.

Duquette LEED Certified

Manchester, NH - Nicole Duquette, a civil engineering project manager for TFMoran Inc., recently received her LEED Accredited Professional certification.

Duquette will be able to assist TFMoran’s clients to deliver environmentally friendly and sustainable site development projects.

TFMoran engineers have long been in the forefront of bringing green buildings and low-impact development to New Hampshire.

Brian Knox Completes ABC Program

Manchester, NH – Pro Con Inc. announced that Brian R. Knox, a senior project manager with the company, has successfully completed the Future Leaders in Construction Program through the Associated Builders and Contractors’ New Hampshire and Vermont Chapter (ABC NH/VT).

ABC NH/VT selects professionals to participate in the intensive eight-month program who have the highest potential for advancement in the industry and who have demonstrated outstanding performance in the construction field.

Knox has over 28 years of experience in the construction industry and is an expert in the construction management field. Since joining the Pro Con team in 2001, Knox has consistently demonstrated his ability to manage complex and challenging construction projects including Capital Commons Office Building and Municipal Parking Garage, Concord, NH; 30 Braintree Hill Office Park, Braintree, Mass.; Milton Fuller Village, Milton, Mass.; Ironwood on the Green, Middleton, Mass.; and The Residence Inn by Marriott in Auburn, Maine.

CSI Team Announcements

Contracting Specialists Incorporated (CSI) announced that Donal Coomey, Michael Fischer and Chad Thomas have joined CSI’s Northeast Division.

Coomey is assistant project manager. A qualified bricklayer with over 20 years of experience in many aspects of the construction industry, his specialty is masonry and masonry restoration with a strong emphasis on historical and stone restoration. He also is experienced in masonry weatherproofing and pre-cast concrete installation. Coomey joined CSI after successfully running his own masonry restoration business, and is familiar with the intricacies of estimating, contracts, project management and effective communication.

Fischer joined CSI’s northeast division as estimator. He has more than 13 years of experience as an engineer and as a specialty contractor. His experience includes both new construction and the restoration/rehabilitation of existing structures as well as remedial waterproofing of existing buildings. He also has experience estimating/bidding as well as all aspects of project management such as scheduling, field layout, field quality control, subcontractor coordination, document review/

JCA Employees Leed Accredited

Quincy, MA - J. Calnan and Associates, a construction management firm, announced that three more employees successfully passed the LEED Accreditation exam.

Assistant project managers, Mike Ausevich and Garrett Zetocha along with project manager, Jon Meier are the latest to earn their LEED AP standing.

JCA strives to implement sustainable construction methodologies on projects that incorporate energy efficiency, minimal waste and reduce consumption of natural resources whenever possible.
WB Engineers Promotes Quigley

Boston, MA - Michael Quigley, PE, LEED-AP, has been named a principal of WB Engineers Consultants, according to Peter Dussault, PE, principal at the firm.

In December 2007, Quigley was promoted from project manager to associate principal. He has been with WB Engineers since graduating from Worcester Polytechnic Institute in 2001.

Quigley has handled numerous notable projects for the firm, including Citibank’s “Green to the Core” campaign, which helped new Citibank branches in the Northeast achieve LEED (Leadership in Energy and Environmental Design) certification from the United States Green Building Council (USGBC).

He also served as the project manager for the firm’s mission-critical work on Verizon FIOS data centers throughout the Northeast.

Cannon Names Greenwald

New York, NY - Cannon Design, an internationally ranked architectural, engineering and planning firm, announced that Dale Alan Greenwald has been appointed to the position of associate principal.

With a career that has spanned 25 years, Greenwald has been instrumental in helping Cannon Design enhance and expand its interior design practice. His innovative use of new methods and technologies in response to the complexities of interior design has created exceptionally effective and stimulating corporate, healthcare and educational environments.

An interior design leader on many noteworthy assignments, his client roster includes such leaders in the corporate and institutional workplace, as Chase, Goldman Sachs, Bank of America, The U.S. Census Bureau, CIBC World Markets, and the New York Stock Exchange.

Suffolk Hires Yakir Siegal

Boston, MA - Suffolk Construction Company, Inc. has hired business strategy consultant Yakir Siegal as Head of Strategic Planning.

In addition to helping to set the strategic direction of the company, Dr. Siegal will oversee Suffolk’s Human Resources and Learning & Development functions.

Driscoll Appoints Two

Norwell, MA - The Driscoll Agency, Inc. of Norwell announced the appointment of Jay C. Driscoll as its newest president.

He has over 27 years experience in the insurance industry in both underwriting and new business development.

Driscoll specializes in marketing and servicing large commercial contractors in the New England region. He is a licensed property and casualty producer and is active in many trade associations.

Consigli Announces 50th LEED AP

Milford, MA - Consigli Construction Co., Inc. announced that 50 members of its project management department have become LEED Accredited Professionals (AP), building on Consigli’s reputation as the leader in sustainable construction throughout New England.

The most recently named LEED AP’s include: Margaret Neil, Director of Consigli’s Project Services Group; Dave Curry, Director of Estimating; Jim Hervol, project executive; Todd McCabe, project executive; and Christopher Dubek, historic preservation specialist and project manager. Consigli now has one of the highest ratios of LEED AP’s in the country, and will continue to grow its base of accredited employees towards the goal of 100 percent accreditation among members of the project management department.

Two Earn LEED Accreditation

North Billerica, MA - Interstate Electrical Services Corporation announced that Greg Boehner, PE and Emil Panait, PE, recently passed the United States Green Building Council LEED for New Construction exam, earning the designation of LEED Accredited Professional.

Boehner, manager of the Engineering Services group at Interstate’s North Billerica office, has been employed by Interstate Electrical Services since 2006. Panait, a multi-state certified electrical engineer for the Bedford, NH office, joined Interstate in 2003.

Three Earn LEED Accreditation

Providence RI - Stephen Amoroso, AIA, Stephanie Paolino, AIA, and Andrew Hausmann, of Vision 3 Architects in Providence, have successfully completed the U.S. Green Building Council’s certification requirements to become LEED Accredited Professionals. Their achievement brings the number of LEED Accredited Professionals on Vision 3’s staff to nine.

Amoroso, a licensed architect, joined Vision 3 Architects in 1997 as an intern architect. He served as project manager on the University of Rhode Island Hope Commons Dining Hall project, which received LEED Silver certification in July 2008.

Hausmann is the lead designer for the new 39,000sf Child & Family Headquarters building currently under construction in Middletown. It is the first building in Rhode Island to qualify for construction rebates under National Grid’s “Advanced Building Systems” program for new construction.
February, 2009

**High-Profile: Calendar**

**NESEA’s Building Energy Conference and Trade Show**
Boston’s Seaport World Trade Center
March 10-12, 2009
Real Solutions. Real Experts.
The Northeast Sustainable Energy Association (NESEA) hosts BuildingEnergy09, the most prestigious regional conference and trade show for green building and renewable energy professionals. Learn expert methods to reduce building energy consumption, increase energy-efficiency, and retrofit for higher performance.
For more information visit www.buildingenergy.nesea.org.

**NERCA North/East Roofing Contractors Association**
83rd Convention and Trade Show
MGM At Foxwoods Resort Casino
Mashantucket, Conn.
NERCA invites you to join us in Connecticut at Foxwoods Resort Casino and experience the largest regional roofing trade show in the country. This year’s show will feature over 220 booths displaying products and services designed for you, the roofing professional.
Register on-line at www.nerca.org

**SMPS Northeast Regional Conference Smart Marketing: Planning for the Rebound**
Wednesday - Friday
March 25-27, 2009
Are you a survivor? Is your firm taking the strategic steps needed to not only survive the current economy but actually thrive and emerge stronger? Are you planning for the rebound? Join marketing leaders, business owners, and the consultants guiding corporate America to learn new strategies for personal and firm success in the difficult economy of 2009. If you want the strategies and tools to make your firm stronger, don’t miss this year’s Northeast Regional Conference.
More info: http://www.smbspboston.org

**SFNE Ski Weekend**
The SFNE Board of Directors invites you to attend the second annual Ski Weekend to be held at Waterville Valley, NH from March 6 - 8, 2009.
This event is another in a series of programs that SFNE has created to provide members with an opportunity to network with colleagues in the steel industry. We hope that you will join us for a great weekend of fun, skiing and socializing with your colleagues and families.
To get a registration form go to www.ssfne.org
For further information, contact: Cathy Flaherty, SFNE, 11 Robert Toner Blvd., # 234 • North Attleboro, MA 02763, Phone: (603) 766-7363 • Fax: 508-695-0039 cflaherty@ssfne.org

**No American Steel Conference**
Phoenix, Ariz.
April 1 - 4
The North American Steel Construction Conference is a premier education event aimed at providing structural engineers, steel fabricators, erectors, and detailers with practical information and the latest design and construction techniques. In addition, The Steel Conference features products and services ranging from fabrication machinery, galvanizing, and connection products to detailing and engineering software. It’s a once-a-year opportunity to learn the latest techniques, see the most innovative products, and network with your peers and clients.
For information and registration: http://www.aisc.org

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Farmington, CT: Konover Construction Corporation, one of the nation’s leading firms providing preconstruction, construction management, design/build and general contracting services, is now KBE Building Corporation. The firm announced its new corporate name and identity at its 50th Anniversary celebration on January 8. The name change reflects the acquisition of the firm through a management buyout in early 2007. See story page 30.

KBE launched a new community outreach initiative to lend a helping hand to people and organizations. This dynamic philanthropic endeavor, called “50 Ways to Make a Difference,” is a yearlong community support program in celebration of the company’s 50th year in business. See story page 32.

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- Plus - Green & Sustainable, Healthcare and Educational Facilities Developments, People, Calendar, and more...

February 2009