Bowdoin Continues Growth
In Academic and Healthcare Sectors

Tufts University, Cummings School of Veterinary Medicine, Agnes Varis Campus Center and Auditorium - Grafton, MA.
Architect: Finegold Alexander + Associates

St. Anne’s Hospital, Pain Management Center recovery area in Swansea, MA
Architect: Vision 3 Architects

Lobby/reception area, St. Anne’s Hospital, Pain Management Ctr.

New 200-seat auditorium with long distance learning technology, Tufts University Cummings School of Veterinary Medicine

Over the past decade, Bowdoin has experienced its most significant growth in the academic and healthcare sectors, focusing on private colleges, independent schools, special needs schools, recreational facilities, medical centers, hospitals, and not-for-profit institutions. Some of Bowdoin’s clients for 2009 include Tufts University, Gordon College, Solomon Schechter School of Greater Boston, Massachusetts Golf Association, St. Anne’s Hospital, Fresenius Medical Care, Constitution Surgery Centers, Harbor Health Services, and Self Help, Inc...

Inside This Issue -
New $38 Million AI Tech Center Planned
R.H. White Completes YMCA Renovations
Payette Breaks Ground at the Hershey Medical Center
Cannon to Design New WPI Sports and Recreation Center
Havana-Mac Formed - Sully Mac and Alfonso Collaborate
Lee Kennedy CM for JFK Library - Architect Einhorn Yaffee
Agostini Construction Co. Opens Nathan Bishop Middle School
Cutler Builds Griffin Land Facility Using Tilt-Up Concrete Method
Dellbrook Construction CM/GC for Hayes Building Redevelopment
Harry R. Feldman and Existing Conditions Surveys 3D US Senate Scan
Can My Organization Afford To Go Green?

All the above information is based on the content of the image and the provided text.
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- Island Lath & Plaster
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- S & F Concrete
- Stafford Construction
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For More Information Please Call
Peter Stracuzzi, Jr. Industry Analyst
Office: 617-825-5200 • Cell: 617-750-0896
Website: www.opcmialocal534.org
December Meeting
UL Listings for Fire Rated Assemblies
Tuesday, December 8, 2009

FEATURED SPEAKER: Peter Mathieu
MEETING MANAGER: Bill Garvey, William.Garvey@wspfk.com
LOCATION: Doubletree Guest Suites
550 Winter Street
Waltham, MA 02451

TIME:
5:30 - 6:00 p.m. - Social Half Hour
6:00 - 7:00 p.m. - Dinner
7:00 - 8:00 p.m. - Main Program

MEETING FEES:
Chapter Members $35.00
Non-Chapter Members $45.00
Walk-in $45.00
Student Members FREE

For more information, please contact Stacie Suh at stacie@stebbinsduffy.com and visit following website: http://www.ashraeboston.org. Question about membership, contact Teri Shannon at tshannon@dac-hvac.com.

Please only RSVP to Dan Denisi at dcd@brplusa.com. RSVP Deadline for this meeting is 12:00pm on Friday, December 4, 2009.

For more information, please contact Stacie Suh at stacie@stebbinsduffy.com and visit following website: http://www.ashraeboston.org. Question about membership, contact Teri Shannon at tshannon@dac-hvac.com.

Upcoming Meetings
January Meeting:
Date: January 12, 2010 (Tuesday)
Topic: Don’t Do Stupid Things
Speaker: Joe Listiburek
Location: Doubletree Guest Suites, Waltham, MA

February Meeting:
Date: February 9, 2010 (Tuesday)
Topic: Building Integration
Speaker: Allan Ames
Location: Doubletree Guest Suites, Waltham, MA

12th Biennial Boston Chapter ASHRAE Product Show
April 13, 2010
Please visit following website for more information.
www.ashraeboston.org/events/product-show.html

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NAIOP Honors The Beal Companies:
Suffolk CEO John Fish Receives Special Award

Boston, MA - Nearly 1,000 commercial real estate professionals came together last month to pay tribute to The Beal Companies, recipient of the 2009 Distinguished Real Estate Award presented at the NAIOP Massachusetts Annual Awards gala. The Beal Companies was selected for achievements in real estate, charitable activities, and community betterment.

Accepting the 2009 Distinguished Real Estate Award were brothers Robert and Bruce Beal (center), the president and chairman, respectively, along with Senior Vice President Peter Spelios (to the left), Michael Manzo and Steve Faber (to the right). At far left is NAIOP CEO David Begelfer, and far right is Paradigm Properties CEO and NAIOP President, Kevin McCall.

Presenting the award to the Beal Companies was Kevin McCall, president of NAIOP Massachusetts and the CEO of Paradigm Properties, who said: “Those who earn this award are exemplary firms who conduct themselves with integrity and professionalism, create value through the real estate they develop, and contribute broadly to the well-being of the Commonwealth.”

Also honored that night with a special Public Service Award was John Fish, chairman and CEO of Suffolk Construction.

Speaking of Fish’s many contributions to the community, McCall noted his particular devotion to the needs of children and families. “He has created a charitable work, most recently through his firm’s Red & Blue Foundation, which assists underserved children through educational programs and community initiatives.

Peter Palandjian, chairman & CEO of Intercontinental Real Estate, and the sponsor of the Public Service Award, praised Fish for his willingness to “roll up his sleeves and get to work” while he is still relatively young, rather than waiting till retirement to give back to the community.

John F. Fish, chairman & CEO of Suffolk Construction, receives the Public Service Award from Kevin McCall (right), president of NAIOP Massachusetts and Paradigm Properties CEO, and Peter Palandjian, chairman & CEO of Intercontinental Real Estate Corporation.

Lee Kennedy CM for JFK Library
Architect Einhorn Yaffee

Boston, MA - The National Archives & Record Administration has selected Lee Kennedy Co., Inc. to perform an extensive renovation and new addition project at the John F. Kennedy Presidential Library and Museum in South Boston.

Lee Kennedy Co. will partner with Boston-based architect Einhorn Yaffee Prescott on the $16.5 million project. Preconstruction planning is currently underway. The team will mobilize on-site in early 2010 with completion scheduled for fall 2011.

The scope of work consists of 20,000sf of renovation within the library and museum as well as construction of a new 30,000sf addition to house artifacts and documents previously stored off-site. Renovations include archive and artifact storage areas, support space, offices, security areas, exhibit space, the main lobby and gift shop and some deferred maintenance.

Renovations will occur on multiple floors within the building, which will remain open and fully functional throughout construction.

lee Kennedy cm for JFK library

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Havana-Mac Formed
Sully Mac and Alfonso Collaborate

Boston, MA - Sullivan and McLaughlin Companies (Sully Mac) and Alfonso Electrical Services announced their collaborative formation of Havana-Mac Construction LLC.

The commitment, to recognize, advance and increase the contributions of minorities and women in commerce, education and business for which they have been historically excluded, is one adopted by the Construction Industry in the Commonwealth. By proactively including and encouraging the participation of minority and women professionals when establishing their project goals, towns, municipalities, privately held hospitals and educational facilities make bold and definitive statements of support.

The State Office of Minority and Woman Business Assistance (SOMWBA), describes certification as a “Marketing Tool”; designed to open doors to opportunities that they wouldn’t otherwise have.

In the spring of 2007, Alfonso Electrical Services, a company started in 2005 as a small, sole proprietorship had been recently SOMWBA certified as a minority woman owned electrical contractor. At that time, their expertise lay in wiring single family homes and servicing side-by-side on numerous public and private projects.

In September 2009, Sullivan and McLaughlin Companies and Alfonso Electrical Services realized the potential of combining their resources and forming the first Joint Ventured Minority Woman Owned Electrical Contractor in the Commonwealth – Havana-Mac Construction, LLC. This carefully constructed alliance is predicted to be a mutually beneficial business venture, reaching new levels in their relationship and extending further into the construction market by offering the same business opportunities to their affiliates.

Cannon to Design WPI Rec Center

Boston, MA - Cannon Design has been chosen to design the new sports and recreation center at Worcester Polytechnic Institute (WPI).

The sports and recreation facility, which will be constructed at the west end of the campus quadrangle, will contain a natatorium, a fitness center, a four-court gymnasium, an indoor running track, rowing tanks, dance studios, and racquetball and handball courts. The facility will also house offices and meeting spaces for the coaches and staff of the department of physical education, recreation, and athletics.

Plans for the center include a connecting corridor to Harrington Auditorium, creating greater capacity for WPI to host conferences, robotics competitions, career fairs, admissions open houses and alumni events.

Alumni Gym, which was built in 1916, will be converted to academic use; its current activities will be housed in the new facility.

SLAM Part of Hallam-ICS Team Awarded GSA Contract

Glastonbury, CT - The SLAM Collaborative is part of a team led by Hallam-ICS that has been awarded a $30 million, five-year Indefinite Delivery Indefinite Quantity contract by the U.S. General Services Administration (GSA) for Nationwide Building Information Modeling (BIM) services.

According to Robert F Pulito AIA, President of SLAM: “BIM is a powerful 3-D modeling technology which is facilitating a revolution in the way buildings are programmed, designed, bid and built. As part of the Hallam-ICS team, SLAM will offer its expertise with Integrated Project Delivery (IPD) methods, to assist the GSA in the continued development of National, state-of-the-art BIM practice guidelines.”

The GSA, a world leader in the development and implementation of BIM, is responsible for meeting the space requirements of federal agencies. To assure a high standard of excellence for the American public, GSA engages the best private-sector architects and engineers to design, renovate, and construct federal buildings.
What’s Obvious to You?

by Michael Barnes, publisher, High-Profile Monthly

High-Profile Monthly is sensitive to marketplace trends and in 2010 will be reducing prices and offering added value for its clients by increasing overall readership on the Internet.

We are expanding our newsfeed on www.high-profile.com to increase the visibility of news stories and advertisements accessed by Google and other search engines. Twitter, Facebook, and LinkedIn will be used more extensively to direct readers to our online publication, and our monthly e-previews now can be viewed weekly as FastFactFridays, to quadruple the number of email blasts that redirect readers to the complete on line High Profile newsfeed.

National Grid Chooses GEI

Glastonbury, CT - National Grid has chosen GEI Consultants, Inc. to provide environmental assessment and remediation activities at multiple sites within the company’s territory, including New England, New Jersey and New York. Many of the sites are former manufactured gas plant (MGP) sites.

National Grid is committed to the protection and enhancement of the environment, and continues to seek new ways to minimize the environmental impact of its past, present and future activities.

The company manages a multifaceted program to address the environmental, financial and regulatory liabilities associated with former MGP sites in six states.

As a primary program consultant, GEI will provide consulting services to assist in ensuring compliance with applicable local, state and federal laws, regulations and statutes.

Pennsylvania's largest hospital.

Hershey Medical Center Children's Hospital. Renderings courtesy of Payette.

Payette Breaks Ground at the Hershey Medical Center

Boston, MA - Payette announced the groundbreaking for a new 252,000sf Children’s Hospital located on the Penn State Milton S. Hershey Medical Center Campus in Hershey, Pa. The groundbreaking ceremony took place on Friday, November 13, 2009.

The Children's Hospital joins the recently opened Cancer Institute and 2,000-car parking garage. The hospital will provide 72 inpatient beds, along with six operating suites and associated pre- and post-operative care areas, a pharmacy, blood bank and apheresis lab space serving the entire medical campus, and an outpatient hematology/oncology clinic.

Project team members include L.F. Driscoll, construction manager; Bard, Rao + Athanas (BR+A) Consulting Engineers, mechanical, electrical and plumbing engineer; Gannett Fleming, Inc., structural, civil and traffic engineer; Walker Parking Consultants, parking; and Hargreaves Associates, landscape architects.

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US Senate Chambers Model Created for Edward M. Kennedy Institute
Harry R. Feldman and Existing Conditions Surveys Complete 3D Scan and 3D Model

Dorchester, MA - Harry R. Feldman, Inc. and Existing Conditions Surveys, Inc., working under extremely limited access conditions and time restraints, recently completed a 3D laser scanning survey and produced a 3D Revit Building Information Model of the US Senate Chamber for the Edward M. Kennedy Institute.

The two firms are again collaborating on the restoration of the Massachusetts Senate Chamber led by CBT Architects of Boston. The Edward M. Kennedy Institute is planning a memorial library to be built next to the JFK Library in Dorchester. One of the exciting challenges of this project will be to build a precise replica of the US Senate Chamber inside the new building. The first step the architect needed to take was to obtain an Existing Conditions survey and then a BIM of the Senate Chamber for their design. Since the Senate was still in session and arranging access to the Capitol is a large endeavor, all of the survey work needed to be completed in one, four-hour period between the hours of 6 - 10 p.m.

Existing Conditions Surveys, Inc. was contacted by the project architect, Rafael Vinoly’s office to perform the measurements, 2D drawings and a 3D Revit Model. They teamed up with the 3D division of Harry R. Feldman, Inc. (Feldman3D) to perform the 3D laser scanning for the critical dimensions and 3D visualization of the Chamber.

The team from Existing Conditions Surveys, Inc. collected all of the field data in a very short period of time – only four hours between sessions of the US Senate. This project also required advance planning and scheduling due to stringent security requirements and a heightened sensitivity to the building occupants. Another challenge was they were required to produce the highly detailed 3D Revit 2009 model in only 14 days after the field work – without Existing Conditions Surveys, Inc.

“With the most advanced Photomodeler the team was able to create highly accurate 3D drawings of the space.”

The Edward M. Kennedy Institute is planning a memorial library to be built next to the JFK Library in Dorchester.

Project Team for Edward M. Kennedy Institute:
- Owner’s Rep - Potomac Capital Partners
- Architect – Rafael Vinoly
- Legal – Goulston & Storrs
- Permitting – Epsilon and Associates
- BIM Modeling – Existing Conditions Surveys, Inc.
- Site Surveyor and 3D Laser Scanning - Harry R. Feldman, Inc.

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For assistance or for more information call: Catherine Flaherty at 603-766-7363.
Ground Broken on First Zero-Net Energy Building

Danvers, MA - Representatives from the Division of Capital Asset Management, State Representative Ted Speliotis; president of North Shore Community College, Wayne Burton; Dimella Shaffer; and Walsh Brothers, Incorporated recently celebrated breaking ground on the new $32 million Allied Health Sciences academic facility.

This new academic building project, designed by Walsh Brothers’ architectural partner, Dimella Shaffer, will be the first major step toward building the state’s first zero-net energy facility.

The three-story general academic Allied Health Science Building will house nursing education, occupational therapy classrooms, animal grooming classrooms, a student computer laboratory, student support spaces, and health science teaching labs. The exterior enclosure will consist of an aluminum curtainwall system and contrasting masonry with punched wall window openings, and an aluminum glass store front system at entrances and windows.

Other unique features of the Building include a lead-lined x-ray equipment room, special acoustical treatments, roof-mounted photovoltaics, and high-efficiency mechanical and electrical systems. The parking capacity will be increased by 140 spaces.

To reach a zero-net energy goal, Walsh Brothers formulated a plan to install an array of different sized photovoltaic solar panels in a large parabolic curved panel. In addition, the company will be charged with installing 50 500-foot geothermal wells on-site, which will allow for the use of natural resources to provide heating and cooling to the building.

Ground Broken at Wind Blade Test Ctr

Boston, MA - Federal and state officials recently celebrated the groundbreaking of a Wind Technology Testing Center that will become the nation’s first facility capable of testing blades up to 90 meters long that are integral to the future development of wind energy.

The new center, operated in partnership with the National Renewable Energy Laboratory, will test commercial-sized wind turbine blades to increase reliability, reduce cost, improve technical advancements and speed deployment of the next generation of wind turbine blades into the marketplace.

The Center will be the first commercial large blade test facility in the nation to allow testing of blades longer than 50 meters, which currently can be done in Europe but not in the United States – putting American manufacturers at a disadvantage.

The Wind Technology Testing Center will be equipped to assess turbine blades up to 90 meters long – nearly the length of a football field.

The location of the testing center at the Boston Autoport in Boston Harbor provides an optimal site, featuring proximity to substantial offshore wind resources, truck access, a rail spur and a 1200-foot-long dock for transporting blades from ocean-going vessels.

BIM Services for GSA Contract to Tocci and KlingStubbins

Woburn, MA - Tocci Building Corporation and KlingStubbins have been selected as a prime contractor team to participate in a $30 million, five-year contract to provide Building Information Modeling (BIM) Services for the US General Services Administration (GSA).

Tocci and KlingStubbins will provide design and construction-related BIM consulting services for new and renovation projects on federal buildings located in the New England, Northeast & Caribbean, Mid-Atlantic, Washington DC, Rocky Mountain, Pacific Rim and Northwest and Arctic GSA regions. Task orders expected will include multi-disciplinary building information modeling, design and construction analysis, cost and schedule analysis, laser scanning and surveying and BIM training and support program development.

Tocci and KlingStubbins developed and submitted the competitive proposal with select co-partners, all of whom are industry recognized leaders in BIM-enabled design, construction and engineering related services.

Partners include Autodesk, Inc.; Bentley Systems Incorporated; EMCOR Group companies; Faithful + Gould; J.C. Cannistraro Inc.; Metco Services; Raymond L. Goodson, Jr., Inc.; Simpson Gumpertz & Heger; and WSP Group Companies.

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DPM Gets Senior Center Project

Newton, MA - Diversified Project Management, Inc. (DPM) has been retained by the city of Holyoke to manage the design and construction of a new senior center.

Holyoke has housed the center in the basement of the War Memorial Building since the mid 1960s. The current facility, which lacks windows, temperature control and modern amenities, has been described as “depressing” by some seniors. They are seeking a modernized center that can accommodate organized activities and programs dedicated to health and wellness.

A needs assessment survey was conducted by the University of Connecticut’s Agency on Aging, and members of the Friends of the Holyoke Council on Aging toured senior centers in several neighboring cities and towns in order to collect information on the requirements for the new center.

DPM will provide full project management services including the management of site selection, budget, scope and schedule, the selection of consultants and the general contractor. Frank Kennedy is leading the DPM effort, serving as the project executive.

US Senate Chambers Model

Continued from page 9

Existing Conditions Surveys utilized a methodical measuring strategy, detailed drawing checklist and highly trained staff. By using Leica lasers, Autodesk Revit 2009 and the most advanced Photomodeler software, they were able to take the precise field dimensioned data sets and create highly accurate 3D drawings of the space. They were also able to detect any potential clashes between the field data and model before it was finalized, to avoid risks during the construction phase. All of this is what made it possible for the delivery of 2D drawings and 3D BIM of superior quality and accuracy.

The Feldman3D team utilized both a Leica Scan Station 2 and an HDS 6000. With millimeter survey accuracies, the team scanned the entire chamber, including all of the statues of the vice presidents one by one. Collecting millions of points at a spacing as small as 1/8-inch, the team was able to then layer photos over the point cloud data to show a 3D, photo-realistic animation of the chamber that the architects could then use to look at positions of seats, colors of rugs and curtains and architectural details of the moldings. Also, this data was used to check critical dimensions of other details like the domed ceiling and certain patterns on the doors.

Old South Church Restoration

Existing Conditions Surveys, Inc. and Harry R. Feldman, Inc. completed the 3D laser scanning and highly detailed CAD drawings of the Old South Church.

Goody Clancy Architects was commissioned to work on the restoration of the Church after damage was sustained by subsurface construction. As a result of the survey work performed by the team, the locations and dimensions of major cracks in the building were shown to 1/4 inch accuracies to help the architect in the restoration of this Back Bay landmark.

3D Laser Scanning and highly detailed CAD drawings of the Old South Church

Old South Church

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Dr. Thermos is a frequent presenter in the national forums of NACAS, NACCU, NACUBO, and he is the designer of a multitude of systems for universities from Harvard and Brown, to BYU, to the SUNY universities and the private Ivy League in the Northeast. Dr. Thermos is Homeland Security Level III accredited, and the recipient of the 2008 Bio-Medical Security Award in Massachusetts.

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New $38 Million AI Tech Center Planned
With AI Engineers, CBT Architects, Jones Lang LaSalle and Suffolk Const.

Hartford, CT - Suffolk Construction Company, Inc., joined state and local officials, and representatives from AI Engineers, CBT Architects and Jones Lang LaSalle for the unveiling of plans for the new $38 million AI Tech Center to be constructed at 3 Constitution Plaza in Hartford.

Suffolk will construct the 13-story, 259,000sf office tower that will incorporate numerous green technologies, including photovoltaic power, a fuel cell power plant, and a rooftop garden and atrium that will maximize natural light throughout the building.

The AI Tech Center has been designed and registered to achieve a LEED certification goal of Platinum under the Green Building Rating System, which is the highest designation issued by the US Green Building Council.

John F. Fish, chairman and CEO of Suffolk Construction, said, “Our project team looks forward to erecting this landmark building in Hartford and collaborating with AI Engineers, CBT and other project team members to ensure the AI Tech Center achieves LEED Platinum certification and exceeds everyone’s expectations.”

AI Tech Center is to be constructed at 3 Constitution Plaza. Renderings courtesy of CBT Architects.

EPC Partnership

Woburn, MA – State Electric Corp., an electrical construction company based in Woburn, and Mott MacDonald (formerly Careba Mott MacDonald) of Westwood have joined in an engineering, procurement, construction (EPC) partnership to serve the utility/power generation market, including substation construction and power plant upgrades.

State Electric is highly experienced in the electrical construction of high voltage power projects throughout New England. The firm has recently completed construction of National Grid Wakefield Junction Station 88 in Wakefield and is under way with an EPC project for National Grid Station 275 in Amesbury.

Among recent utility power projects completed by the contractor are Brayton Point Power Plant in Somerset, Mystic Station Unit 8 in Everett, Interstate Fiske River Station in Weymouth, and Vernon HydroPower Plant in Vernon, Vt.

Mott MacDonald, headquartered in England, has extensive experience in the engineering and design of major power generation projects worldwide.

Within the EPC partnership, State Electric and Mott MacDonald will provide turnkey installations for projects within the utility/power generation markets.

EPC services provided by the partnership will include comprehensive design, permitting, procurement, civil engineering, electrical construction, testing, and commissioning.

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Editor’s Note: Construction users, building owners, developers, facilities managers, all must keep an eye to the future when planning a construction project. When selecting the best team to build it, a look into the past to see what has been designed, how it was built and what team accomplished the job, is an indispensable step.

High-Profile’s Year in Review 2009 by no means a complete list of construction activities in New England, but rather, a comprehensive

JANUARY
Cover Story
Trumbull-Nelson Begins Woodlands at Harvest Hill - Design by UK Architects

Features
Admiral Construction selected as CM for NE Baptist Hospital Project
Facilities
Topping off One Marina Park Drive at Fan Pier, Turner GC
HMFH Reopens War Memorial
Ocean House Restored
Acella to Build Gold’s Gym
Bufftree Gets Kingsbury Health Club In Shape
Integrated Bldrs Reaches Mid-Point on Shops at Quonset Point - Bergmeyer Architect

FEBRUARY
Cover Story
KBE Launches 50 Ways
After 50 years Konover Construction Becomes KBE Building Corporation

Features
MFA Gets New Look and New Addition
Foster + Partners and CBT Architects, John Moriarty & Associates CM
Lee Kennedy Completes Swissnex Facility - Architect Darlow Christ
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Tufts Completes Five-Story Vertical Expansion
ARC Architect - Shawmut Design GC

Boston, MA - Dedication ceremonies held recently at the Tufts University School of Dental Medicine culminated an ambitious 22-month vertical expansion development in one of Boston’s most densely-populated neighborhoods.

University officials, city of Boston representatives and community leaders celebrated the grand opening of a five-story, 95,000sf vertical addition on top of the existing 10-story Tufts University School of Dental Medicine building in Boston’s Chinatown.

The original building, built in 1972, was designed to be a 16-story structure; however, the building plan was revised and only 10 floors were constructed at that time. The top five floors recently added include two new clinical patient floors, an expanded simulation laboratory, teaching facilities, a continuing education conference center and administrative offices.

ARC, a national architectural, planning and interior design firm, provided the design and programming services and served as the architect for the $68 million project at One Kneeland Street. The general contractor for the project was Shawmut Design and Construction.

The expansion was designed to integrate contemporary forms and materials within the framework of the existing pre-cast concrete building. While addressing the rigorous modular order of the original 1970s design, the new vertical addition uses a glass and aluminum curtain wall system and white metal panels to contrast the heavier forms of the existing concrete structure.

By integrating a new architectural vocabulary and extending it to the street level, the final design forms a prominent new main entry for the Dental School. The existing egress stair at the corner of the building has also been transformed into a glass beacon that marks the gateway to the Tufts Health Sciences Boston Campus.

The expansion’s transparent glass exterior façade provides significant day-lighting to save energy and add to the sustainable characteristics of the design.

As part of Boston’s mandate for sustainable design, the addition and renovation were designed and built with the goal of LEED certification.

Furniture Meets Architecture
Salisbury, CT - Spec’s Design Group, of Springfield, Mass., and The Aram Kaz Co., of Wethersfield, Conn., maintain that great architecture makes a building successful and great furniture makes a successful building perform. By marrying form and function, furniture defines the experience of any interior space.

The team recently completed the design, specification and procurement of furniture for the new athletic facility at the Salisbury School.

A hierarchy of furniture was established for the diverse activity zones, including a ringside viewing room, a lounge and event space. Flexibility, durability, aesthetics and pricing were essential criteria evaluated in the selection of each zone’s products.

Gary Kazanjian of The Aram Kaz Co. said, “We sought the best quality furniture we could find within the client’s budget. Our job was to help select the best, then to provide all the service needed to get it there and keep it there – procurement, installation and maintenance.”

Beginning with a keen insight into the personality of the Salisbury School campus and an understanding of the range of needs to be served, Spec’s designed clusters of café tables and seating to provide a casual bistro experience, while the comfortable lounge chairs invite relaxation and a home-like feeling. Now Salisbury School’s logo graces mobile seating that can be reconfigured for any type of event. Students, families and alumni are sure to feel welcomed and in tune with the Salisbury School campus culture in this beautiful space where the furniture will perform – along with the athletes – for years to come.

**Tufts completes five-story vertical expansion in Boston.**

**The expansion’s transparent glass exterior façade provides significant day-lighting to save energy.**

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R.H. White Completes YMCA Renovations

Worcester, MA - The R.H. White Construction Company of Auburn has completed renovations and additions at two YMCA facilities in Worcester. The YMCA of Central Massachusetts, in existence since 1854, is comprised of facilities in three locations: The Central Community Branch on Main Street in Worcester, The Greendale Family Branch on Shore Drive in Worcester, and The Boroughs Family Branch on Valente Drive in Westborough. The Central Branch facility, which also houses the administrative staff, was built in 1920 and remained the sole location until construction of the Greendale facility in 1978.

Both branches enjoyed robust memberships but were limited in their ability to grow due to space constraints. In addition to this, the YMCA also realized that it needed to update its facilities in order to remain competitive. It created conceptual plans, established a budget, and began a capital campaign to raise money.

The Y chose Construction Management at Risk as its project delivery method during this process. During the proposal phase, R.H. White offered a discount if awarded both projects simultaneously by taking advantage of shared project management costs. R.H. White was selected as the CM for both projects. The architects chosen were Sheskey Architects of Quincy for the Greendale Branch and Drummey, Rosane, Anderson (DRA) of Newton for the Central Branch.

In each case the YMCA set the control budget for the guaranteed maximum price based upon its conceptual plans and the projected fundraising amounts. Greendale was set at $3.2 million and Central at $3.6 million. Both projects began in earnest with a review of the desired outcomes against the control budgets. The strength of the CM process is that all of the project stakeholders are involved early enough to significantly influence the project. Both teams set about an iterative process of value engineering, alternative design analysis, and scope reviews to bring the GMP under the control budget.

Another strength of the CM process is that construction can begin prior to the final design being completed. This proved particularly helpful at the Greendale facility, where the major portion of the project involved construction of a 9,000sf addition for a new wellness center. At the completion of approximately 60% construction, the excavation and foundation work for this addition was started in order to avoid extra costs due to winter conditions.

The perimeter of the wellness center contains an indoor running track, a portion of which extends into the original facility. In order to reduce the overall footprint, this portion is enclosed and suspended above a former racquetball court. In addition to the wellness center, renovations were made to the locker rooms, a new hot tub was constructed, and three exercise studios were built. The exercise studios were built in the location of the former wellness center and running track. Upgrades to the lobby and creation of a covered walkway made up the remainder of this project.

The Central Branch also suffered from an outdated and crowded wellness center. Through design reviews with the Y, DRA, and R.H. White, it was determined that the best space for the wellness center was to expand into where the administrative offices were. These offices would be moved to a former five-story school building that is connected to the YMCA facility. This building had previously been used for child care and group activities such as a teen center. In order to meet the needs of the Y moving forward, the mechanical functions were completely updated, new interior finishes installed, and an additional elevator installed.

With the administrative offices relocated to their new space, work proceeded to convert the former location into a 7,400sf wellness center. In addition, locker rooms were upgraded, the lobby area was reconfigured and upgraded, and one of the existing gymnasia was converted into exercise studios.

One of the main issues facing the Central Branch location was a lack of visibility from the street. The Y felt that increasing its presence was critical to attracting new members. To this end, a 50-foot tall light tower was constructed at the front entrance, creating the “draw” from the street that makes it impossible for anyone to miss. As with the Greendale project, parking space needed to be increased. At Central this required demolition of a 2,000sf building, sitework, utilities and repaving.

Both locations needed to continue to operate during construction, requiring extensive scheduling with the staff as well as temporary barriers and alternate walkways. Membership increases have exceeded expectations at both locations, and many members have gone out of their way to compliment the YMCA and R.H. White on a job well done.
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Fitchburg, MA - Colantonio, Inc. of Holliston recently completed construction of a new 104-bed dormitory within the existing Mara Village dormitory complex located at Fitchburg State College. The newest and greenest building on campus, this new dormitory at Mara Village addresses a critical shortfall in the college’s inventory and serves to tie together the existing upper and lower villages.

Construction Manager Colantonio, Inc. teamed up with Childs Bertram and Tseckares Architects, Inc. (CBT Architects) of Boston on this design-build construction project. Their combined experience and success working on critical higher education projects throughout the commonwealth proved to be a key factor to ensure that this essential new dormitory for the college came in on time and within budget.

Named after the late Dr. Vincent Mara – the college’s longtime president – Mara Village was comprised of a series of seven student residences and one common building built in 1989. Mara Village’s newest residence hall building is a five-story 40,000sf building that features 43 student suites. Each suite is home to eight students and contains two bathrooms with a shared living space.

Encompassing a total design solution, the once disjointed Mara Village is now tied together, first by a grand stairway that serves to connect the upper village with the lower village – a change in elevation of 40 feet, second with new walkways and improved lighting and third by the addition of a common space centrally located within the new residence hall. Each element serves to provide a cohesive and integrated look and feel to Mara Village.

The new residence hall at Mara Village is a LEED Certified Silver rated building. It was designed to maximize energy savings and reduce overall water consumption on campus. The new central residence hall also features all energy-efficient heating and cooling equipment and allows students to monitor their energy use by room to determine how conservative they are. At the same time, carbon dioxide emissions were reduced and indoor air quality was improved with low VOC applications throughout.

In addition to low VOC materials, a combination of pre-consumer and post-consumer rated materials was used on this project. These included locally available products, poured-in-place concrete, structural steel, ornamental metals, and certified wood, carpet and impact rubber flooring materials. Dual flush toilets and low flow shower and kitchen faucets were also used. And all recyclable products were sorted and distributed to local recycling centers.

Additional work completed on campus included life safety improvements to the existing seven buildings of Mara Village, and renovations to Aubuchon Hall during summer intercessions.

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The Residences at River’s Edge
Designed by CUBE 3

Medford, MA - CUBE 3 Studio of Lawrence designed the recently completed Residences at River’s Edge for Criterion Development Partners.

With a view of downtown Boston, and 15 foot ceilings in the top floor units, this new residential project in Medford blends urban sophistication with expansive green spaces, exterior courtyards, and broad views of the Malden River.

The 220 contemporary luxury units include below grade parking, a large community clubhouse, and has easy access to the rail system.

Hamel Mill Lofts Grand Opening

Haverhill, MA - Hamel Mill Lofts recently celebrated its grand opening. In attendance were: Forest City Residential Group, owner; Callahan, Inc. executives and staff, construction manager; and city and state officials. Numerous Hamel family members were also at the event. They owned the building for 50+ years prior to its closing in the 1970s.

Located just steps from the commuter rail in downtown Haverhill, Hamel Mill Lofts is the adaptive reuse of four historical buildings that originally made up the L.H. Hamel Leather Company. At one time one of the largest tanneries in the country, Hamel provided leather to the automotive, garment and most notably the shoe industries.

From these 367,000sf, century-old mill buildings, developer Forest City Residential has created 305 apartment units, common areas, and retail space on the first floor. The apartment units are available in either one or two bedrooms and range in size from approximately 900sf to 1,100sf.

In addition, 20% of all units will be rented to meet the Massachusetts guidelines for affordability. The site was reworked to accommodate 322 surface parking spaces and includes landscaped courtyards and exterior common spaces.

The 23-month construction schedule included the reconditioning of the historic building exteriors with custom-fabricated windows to match the original mill windows and a complete masonry restoration. The existing smoke stack was restored and became a focal point of the complex. Interior construction made use of the existing high ceilings and left many of the original windows to match the original mill windows.

The architect on this project is Dianna Shaffer and the engineers are SEA Consulting, civil and The Collaborative Engineers, structural and MEPs.

Landmark Completes Housing Units
Steedle & Capone Architects

Melrose, MA - Landmark Structures Corporation recently completed rehabilitation of a Caritas Communities Inc. former nursing home in Melrose into a 14-unit single room occupancy facility for low income individuals.

The $1.1 million project included the gut/rehab of the 10,000sf former MacKenzie Nursing Home into a 14-unit single room occupancy facility for low income residents in the Melrose area, said William J. Glasser, President/CEO of Landmark Structures.
Over the past decade, Bowdoin has experienced its most significant growth in the academic and healthcare sectors, focusing on private colleges, independent schools, special needs schools, recreational facilities, medical centers, hospitals, and not-for-profit institutions. Some of Bowdoin’s clients for 2009 include Tufts University, Gordon College, Solomon Schechter School of Greater Boston, Massachusetts Golf Association, St. Anne’s Hospital, Fresenius Medical Care, Constitution Surgery Centers, Harbor Health Services, and Self Help, Inc. Bowdoin’s commitment to providing a proactive solutions-based approach to the design and construction process has helped the firm foster a long list of repeat clients who have come to rely on Bowdoin’s experienced staff and hands-on principals.

Swansea, MA – Bowdoin Construction recently celebrated the opening of St. Anne’s Hospital’s new Pain Management Center in Swansea. The open house was held in November and included hospital representatives, pain management center staff and the design and construction team for the new facility.

Prior to construction, Bowdoin worked for several months on pre-construction planning in coordination with the hospital, Murphy & McManus consultants and Vision 3 Architects. The project entailed an 11,000sf fitout of a second-story space within an active medical environment. Careful coordination was maintained with the existing surgery center to sustain their ongoing operations, and ICRA procedures were enforced throughout construction. The new facility has all-new MEP systems and houses 10 exam rooms, three procedure rooms, pre-op/phase I recovery, phase II recovery, a private recovery room, nurses’ station, business office, doctors’ offices and a large reception area.

With offices in Needham, Mass. and East Berlin, Conn., Bowdoin Construction is one of the New England region’s leading construction management and general contracting firms, focused on providing a solutions-based approach to each of its client’s specific building needs.
Boston, MA – Bowdoin Construction was recently recognized at Build Boston with an ABC Excellence in Construction Merit Award for the Tufts University, Cummings School of Veterinary Medicine, Agnes Varis Campus Center. The two-phase project, designed by Finegold Alexander + Associates, was completed in March of this year, and the awards ceremony took place at the Seaport Hotel in Boston in November.

Phase 1 of the Agnes Varis Campus Center required the rehabilitation and adaptive reuse of a former Grafton State Hospital nurses’ housing facility. This historic 16,000sf four-story structure was built in 1913 and had been vacant and abandoned for the past 30 years. The project involved building envelope renovations including the replacement of all windows, repair of the slate roof, repair and repointing of all masonry and a new river stone terrace. Interior work included demolition, shoring and removal of all interior bearing walls, fitout of a new commercial kitchen and dining facilities, student lounges, faculty offices, a book store, fitness center, men’s and women’s locker rooms with showers, a four-stop elevator, handicapped lift, and all new MEP/FP systems and finishes.

Phase 2 required the addition of a new 7,200sf auditorium/lecture hall onto the recently opened campus center. The new two-story steel frame and masonry structure features a tiered-seating auditorium to accommodate 200 students and includes acoustical paneling and A/V systems. Upscale common areas include large reception corridors at both levels with floor to ceiling millwork and retroplated concrete flooring. The exterior features an entrance plaza with sitting wall, a two-story glass vestibule and a facade of brick, slate panels, sculpted slate, metal paneling and glass curtain wall.

The path to completion was extremely well executed through a well orchestrated team effort of owner, architect and construction manager. The final product represents top quality design and construction for a building that is now the jewel of the Tufts University Cummings School of Veterinary Medicine campus.
Tire Rack, Inc., a national distributor of performance tires and related products, recently opened its new warehouse and distribution center in Windsor, Conn. Cutler Associates designed and built the 304,000sf facility for developer and owner Griffin Land.

The team was challenged to deliver the large-scale project within a tight timeframe. It was imperative for Tire Rack to be open and ready to ship going into the winter season. The $9 million project was delivered on a six-month construction schedule.

To successfully meet the project’s aggressive delivery schedule, the development team elected to use tilt-wall construction – a building method in which concrete panels are cast on-site, using the floor slab as a working platform. The panels are then tilted up with the help of a crane and held in place with temporary bracing until the roof is added. Erecting walls with tilt-up panels is faster than building walls using traditional construction techniques. The trades can begin work earlier, which allows greater overlapping of project phases.

“The tilt-wall construction process proved to take weeks off our typical con-
structure schedule,” said Tim Lescalleet, senior vice president of Griffin Land. “We utilized the most cost-effective and time-efficient building technologies to deliver the project on time.”

While speed, durability, and quality are compelling reasons why owners are choosing tilt-up construction, value, reduced construction costs, and flexibility are added benefits that cannot be overlooked. Lower raw material costs combined with smaller work crews and a shortened construction schedule translated into lower project costs for Griffin Land and Tire Rack. The facility was constructed for $28 per square foot, an extremely economical solution for companies looking to expand under today’s economic conditions.

The technology used provided an efficient and flexible design for the building. The load-bearing walls of tilt-up construction eliminate the need for perimeter columns, creating more usable space. The floor is extremely level in this method of construction, an important attribute in many distribution and warehouse facilities. Moreover, with site approvals in place to grow the facility to 450,000sf, the modular design of the tilt panels allows for efficient expansion.

Delivering value, speed and responsiveness, quality, durability, reduced construction costs, and ongoing cost savings in operating expenses, tilt-up construction is the best choice for a wide range of commercial construction projects. Using integrated project delivery methods Cutler Associates offers a single-source approach to the design and construction of tilt-up concrete facilities. The team has worked together to deliver 58 tilt-up projects totaling nearly 12 million sf.

Robert Graham, AIA is principal and director, Corporate/Industrial Division for Cutler Associates.
**Harwich PD New Facility**

**Bufftree GC - Kaestle Boos architect**

Harwich, MA - The town of Harwich’s police department has moved from its old, antiquated building into its newly constructed, $9 million, state-of-the-art public safety quarters.

Ray Jefferson, chairman of the all-volunteer building committee, calls the completion of the new police station and joint dispatch facility at the fire station a “Town of Harwich success story” and “the first true public safety facility on Cape Cod.”

The building committee selected Bufftree Building company of New Bedford for its considerable experience in designing police and fire stations to be the general contractor. Kaestle Boos Associates of Foxboro was chosen as the architect.

Six months of needs assessment produced the final drawings for a 21,000sf, two-story basement and renovated dispatch area in the existing fire station.

The police and fire departments were joined into a public safety facility with jointly shared areas such as the public lobby, the EOC/training room, the records keeping room, the joint dispatch, the fitness room, the male and female locker rooms, the vehicle maintenance areas and the small vehicle and equipment storage areas.

**Chase Mills Project Receives Award**

**JC&A and Sasaki Recognized**

Watertown, MA - JC&A and Sasaki reported that Chase Mills, located in Watertown, recently received the 2009 CoreNet Award of Excellence in the “Large Tenant Renovation” category.

Working closely with Sasaki, Wozny/Barbar & Associates and Richmond So Engineers, the team successfully transformed one of the nation’s oldest LEED EB certified buildings.

The project included the complete renovation of the entrance lobby and reception area as well as the addition of several high-tech conference & meeting rooms, bathrooms, a kitchenette, a spacious breezeway and expansive exterior deck made of FSC Certified Garapa hard-wood with concealed fasteners throughout and LED lighting accents at the perimeter.

In addition, the team reduced the building’s electricity loads by 35% with the installation of energy-efficient lighting and controls. They also reduced the overall water usage by using high-efficiency fixtures as well as diverted 68% of potential waste from the landfill through expanded in-house recycling programs. This resulted in an EnergyStar rating improvement from 53 to 93 as well as $90,000 in annual savings.

**CT ABC Helps the Military**

Rocky Hill, CT - Associated Builders and Contractors of Connecticut, Inc. (CT ABC) announced the start of another “Open Shop Salute” project.

This project in Griswold will help an army family in immediate need of a new roof. The husband, a reservist, will soon be on his way to Afghanistan.

Started in January of 2009, the “Open Shop Salute” community service program’s goal is to give back to service men and women and their families by providing construction services and maintenance to their homes.

The most recent project was completed for a Hartford family and was the most labor-intensive to date.
Somerville, MA - Although LittleFoot Energy began as a solar energy developer, they soon discovered that they could provide the greatest value to customers by helping them navigate the options and complexity within the new energy landscape of renewable incentives policy, carbon credits and technology risk. Allowing technology to lead the discussion is a clear case of ready, fire, aim.

“The reality of the renewable energy landscape is that project economics rely extensively on a building owner’s ability to take advantage of available incentives. Without incentives, economics are significantly jeopardized, game changing really. Prioritizing which energy investments make the most sense is therefore significantly driven by the ability to monetize and benefit by available incentives. As a result, specializing in structuring energy improvement projects that help customers maximize lucrative incentives has become LittleFoot’s core competency,” says Kevin Poulsen, CEO of LittleFoot Energy Corporation.

In 2008, LittleFoot expanded its offering, and now helps organizations prioritize, fund, implement and verify a broad range of energy improvement projects that save energy, increase the bottom line, and position for a strengthened competitive future.

One of their earliest success stories was The Longfellow Clubs, a premier racquet and fitness facility in the Boston area. In 2007, LittleFoot was tasked with creating a business case for implementing solar energy. But in what Poulsen refers to as “eleventh hour jitters”, it turned out that agreement on the strength of the deal economics between the customer and the customer’s tax council was not fully established, ultimately delaying the process.

“We often found that the dialogue would stall at the point when it became time to establish the value of the renewable energy incentives, and the impact those incentives have on the overall investment opportunity,” says Poulsen.

But with challenge came the opportunity to streamline. The solar system put in place at The Longfellow Clubs replaces 50 percent of the annual fossil fuel to meet the facility’s energy demand for heating their pool, Jacuzzi, and showers, while reducing the unit cost of energy by 57%.

But learning from what works, as follow-on to the solar implementation, LittleFoot signed the club chain to a no-money up-front power purchase agreement (PPA) procurement that allows a non-profit to indirectly benefit from tax-based incentives. This allowed an entity with nonprofit status to realize all the benefits of a solar project, i.e. predictable long-term energy expense, CO2 reduction, green bragging rights, improved operating profit and building asset value, while securing the option to purchase the system anytime at a 47% discount.

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Consigli Oversees Food Bank Facility

Boston, MA - Consigli oversees construction of the Greater Boston Food Bank’s new warehouse and distribution facility, creating new headquarters for one of Boston’s most important and recognized non profit organizations. One of the largest warehouses in Boston, it is designed to accommodate 40 million pounds of food and contains 33,000sf dedicated to dry storage and 100,000cf for refrigerated and frozen products. In addition to the added space, which will enable the Food Bank to realize a 15% increase in distribution capacity within its first year of operation, it also has gained more freezer and cooler space, refrigerated docks, and refrigerated shopping areas.

Before construction began, the site was remediated of contaminated soils. Additionally, the structural capacity of the soils was not high enough to support the proposed facility, requiring complex site work to both decontaminate the site and make the necessary reinforcements to support the building.

The project is targeting LEED Silver certification by the USGBC.

White Completes CSO Project

Auburn, MA - The R.H. White Construction Company recently completed construction of a combined Sewer overflow (CSO) facility for the city of Chicopee.

During periods of heavy rain, raw sewage that previously flowed untreated into the Connecticut River will now be diverted through this facility to be disinfected.

The construction cost was $14.8 million and the project took 24 months to complete. This facility will eliminate 143 million gallons per year of untreated combined sewage discharge.

R.H. White has completed three CSO projects on the Connecticut River in the past four years. The Chicopee Medina Street CSO and the Holyoke Berkshire Street CSO have prevented an additional 450 million gallons per year of untreated combined sewage from flowing into the river.

Keene’s First Green Hotel Framed

Pro Con Design Builder

Keene, NH – The steel is erected and the wood framing is underway for Keene’s first green hotel.

Keene’s first green hotel, a 65,795sf Courtyard by Marriott located in Railroad Square. Pro Con Inc of Manchester is the design builder for the $8.1 million project, which is located one block from Keene’s downtown business district. Schleicher &Stebbins Hotels of Manchester, NH and Oleo Corporation of Ludlow, VT are the owners and Colwen Management of Nashua, N.H. will manage the hotel. Laconia Savings Bank is providing the financing.

Pro Con Inc and the hotel owners are intending and pursuing to make the Court yard by Marriott LEED certified from the US Green Building Council. Pro Con Inc is using regional & recycled materials in construction and is incorporating environmentally beneficial strategies in the hotel’s development and daily operations. The Courtyard by Marriott will be Keene’s first environmentally friendly “Green” hotel.

The five-story hotel will offer 100 guestrooms, including four suites. Plans include a bistro and lounge area, 2,100sf of flexible meeting space, a business center, guest market and an indoor pool and fitness room. Pro Con Inc is on schedule for a May 2010 completion date for the new hotel.

New Sepcor Building

Erland, Clifford/Hoffman, and Vanderweil Collaborate

Marlborough, MA - When Sepcor, Inc. decided to put a second building next to its existing corporate headquarters, they assembled the original team that had served them the first time around. Back in 2000, Erland Construction, Clifford/Hoffman Associates, Vanderweil Engineers, and Sepcor collaborated to build the original 196,000sf corporate headquarters building in Marlborough.

The new four-story building primarily houses Sepcor’s sales and executive force. It features high-end finishes like cherry wood paneling throughout the lobby, granite countertops, three-form glass boxes, stainless steel ornamental handrails, a glass block bridge in the atrium lobby, and aluminum door frames with side light “interior windows.”

The project also included construction of a 182-foot connector bridge to link the new building to the existing headquarters building at the third-floor level. This fully-enclosed, climate-controlled pedestrian bridge spans protected wetlands between the buildings.
Providence, RI - Agostini Construction Company, Inc., of East Providence recently opened the newly-renovated Nathan Bishop Middle School. The 80-year-old building, originally completed in 1929, has been transformed into a state-of-the-art green school. The school was originally slated to be demolished. With the help of the Providence Preservation Society and local politicians, the historic building was saved and rehabilitated for reuse.

The newly revitalized Nathan Bishop Middle School embodies how a historic building can become a green learning environment.

Architecture Involution of Wayland designed the building to operate 40% more efficiently than the current energy code recommends. Some of the green design features in the new construction include a recycled rainwater system for use in urinals and toilets, solar hot water, light dimming system, and new windows that provide daylight to classrooms and insulate the building.

Many of the existing architectural building elements were also reused and included in the new construction.

Some of the new building features include a two-story, full use library, two newly renovated gyms equipped with new wood sport flooring and athletic equipment. Girls, and boys, locker rooms were built adjacent to both gyms. There is a fully operational kitchen with a walk-in freezer and cooler for food storage. The kitchen is surrounded by two cafeterias for student dining.

All classrooms have been equipped with smartboards, computer stations, and markerboards to aid teachers. Other educational resources include four science labs, a music room, and a new art classroom.
NH/VT Excellence in Construction Awards

Concord, NH - The NH/VT Chapter of Associated Builders and Contractors holds its Excellence in Construction Awards event to recognize the accomplishments of commercial/industrial contractors. The program promotes an understanding of the quality and quantity of work being performed by construction professionals.

Congratulations to all the winners of this year’s awards and to all construction professionals who turn dreams into reality every day.

NH/VT EICA Awards

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EnviroVantage Wins Awards

Epping, NH - EnviroVantage of Epping was a big winner in the recent Associated Builders and Contractors 2009 Excellence in Construction Awards Ceremony at the Capitol Center for the Arts in Concord. The program, which highlights the contributions contractors make to our society and recognizes the “best of the best” in the construction industry, honored EnviroVantage with two important recognitions.

The first was ABC’s Eagle Award of Excellence for EnviroVantage’s work on the Woven Label Mill project in Claremont. This historic mill had produced fine textiles for almost 100 years. It was restored and revitalized, then converted into a brand new 200 seat Common Man Restaurant featuring an outdoor terrace with views of the Sugar River Falls. EnviroVantage crews abated asbestos, demolished and removed brick walls, ceilings, wood and steel beams and roofing materials while recycling everything they could.

EnviroVantage also won the prestigious Award of Merit for its work at the Exeter Inn in Exeter. The inn was originally opened in 1932, and one of its renovation objectives was to retain the best features of the old while bringing more modern accouterments to its new patrons. EnviroVantage removed walls, brick, plaster, floor tiles and asbestos pipe insulation as needed throughout the project.

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www.EnviroVantage.com

Accepting the award for EnviroVantage were l-r: Earl Cook, project manager; Jennifer Roy, contracts administrator; Tonya Knightly, CFO; Scott Knightly, president; Troy Purington, estimator; Krista Sherburne, marketing director and Scott Sansoucie, VP of operations.

Continued on next page
Burlington, MA - Both Associated Builders and Contractors (ABC) and Associated General Contractors (AGC) have honored Erland Construction, Inc. projects in their prestigious competitions. Four different projects were winners – two each from the two organizations.

ABC honored the new Dahod Center for Community and Creative Learning at The Pike School in Andover with an Eagle Award. The 36,000sf creative learning center includes a new 280-seat theater with high-end finishes, and serves as a connector to two existing buildings on campus. The project also included extensive renovations to classroom space and the existing arts center.

Waverley Woods, a new 40-unit, affordable housing complex in Belmont, won both a Merit Award and a Building Green Award from ABC. The development features 40 garden and townhouse-style apartment units in six buildings. Because of its sustainable design, Waverley Woods features a light-color concrete drive aisle, recycled material for play surface, dual flush toilets, compact fluorescent bulbs, programmable thermostats for energy efficiency, rain barrels for irrigation, drip irrigation system, and drought-tolerant plantings.

AGC chose the new four-story sales and marketing office for Sepracor in Marlborough for an Honor Award. The project included construction of a 182-foot connector bridge to link the new building to the existing headquarters building. This fully-enclosed, climate-controlled pedestrian bridge spans protected wetlands between the buildings.

Finally, the new Cadet Dormitory Addition and Expansion at Massachusetts Maritime Academy was honored with a Merit Award by AGC. The project consisted of adding two floors to two of the existing dormitories while they remained in use, thereby increasing capacity by 150 beds without taking away sites for future development needs. In addition to the complex renovation, this project earned a LEED Gold certification.

Erland Wins Big

Waverley Woods - Photo by Edna Wilde

Erland Wins Big

Erland Wins Big

Waverley Woods - Photo by Edna Wilde

NH/VT EIAC Awards

Continued from previous page

Nh/vt eicA Awards

Award of Excellence

Woodland Court

- Havenwood Heritage Heights

- Lavallee Brensiger Architects

- Havenwood Heritage Heights

Mechanical

Award of Merit

- J. Lawrence Hall Company, Inc

- Nubanusi Neighborhood & Farm Co - Housing

- Petersen Engineering

- Nubi River Partners

Award of Excellence

- Hampshire Fire Protection Co., Inc

- Currier Museum Of Art

- AnnBeha Architects

- Currier Museum Of Art

Award of Excellence

- MSI Mechanical Systems 2008 Lab Upgrade

- Shooshanian/SEi Companies

- EMC Corporation

Electrical

Award of Merit

- Piquette & Howard

- Electrical Service, Inc.

- Lee Medical Office Building

- Lassel Architects & Bennett Consulting Engineers

- Wentworth Douglas Hospital

Award of Merit

- Reilly Electrical Contractors, Inc - Relco

- L3 Communications

- Vincent A. Diorio

- L3 Communications

Award of Excellence

- Interstate Electrical Services Corp

- Autodesk Interior Office Fit-up

- Autodesk

Award of Merit

- Reilly Electrical Contractors, Inc

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Payette Recognized by AIANE & BSA

Boston, MA - Payette, an architectural firm specializing in complex buildings for medical and scientific research, academic teaching, and healthcare, was recently honored with multiple industry design awards from the New England Chapter of the American Institute of Architects (AIANE) and the Boston Society of Architects (BSA), bringing its total for 2009 to 10 awards to date.

AIANE cited three Payette projects for chapter honors from a field of 271 entries. The projects include an Honor Award for Design Excellence for the Carl J. Shapiro Science Center at Brandeis University in Waltham.

Three additional projects by Payette were recognized in the BSA's 2009 Higher Education Design Awards program. The awards include: an Honor Award for Design Excellence for the Gary C. Comer Geochemistry Building at Columbia University; an Award for Design Excellence for the Physics, DMSE, Spectroscopy, and Infrastructure project at MIT; and a Citation for Design for the Amherst College Earth Sciences Building.

BCBSMA Awards

Hingham, MA - Margulies Perruzzi Architects received the 2009 Brick in Architecture Bronze Award in the commercial category for its design of the Blue Cross Blue Shield of Massachusetts (BCBSMA) South Shore office building in Hingham. With this award, BCBSMA/Hingham has won five awards to date.

Completed in June 2007, the new, four-story, 329,000sf office building includes a multi-purpose cafeteria space, conference/training center, major data center and child care facility. A five-level, 1,184-car parking structure is linked directly to the main lobby by an all-weather connection. Currently accommodating 1,100 BCBSMA employees, the facility was designed to allow for future expansion with no additional infrastructure required. The facility is the region's largest LEED Silver certified project.

Clay brick was selected for the exterior of the BCBSMA building in Hingham for a variety of reasons. The building was designed to draw strong connections to, and exist in harmony with, its surrounding natural environment. Clay brick also had the benefits of helping to mitigate the apparent scale of the building and provide low long-term maintenance.

The use of clay brick for the exterior was a thoughtful choice consistent with the sustainable design, nature-inspired color theme, and functional goals of the project,” said Daniel P. Perruzzi, Jr., AIA, LEED AP, principal at Margulies Perruzzi Architects.

“We are proud that BCBSMA's Hingham facility continues to be recognized for sustainability that safeguards the welfare of both its occupants and its surrounding environment.”

The project team for BCBSMA/Hingham consisted of Turner Construction, construction manager; Souza True & Partners, structural engineers; SEI Companies, mechanical, electrical, plumbing and fire protection engineers; Brown Richardson & Rowe, landscape architects; BSC Group, civil engineers; Lisa Zidel Lighting Design; and A.W. Perry, developer.

With this award, BCBSMA/Hingham has won five awards to date.

The winning entries represent a wide range of project types, including offices, healthcare facilities, schools, laboratories, academic institutions and several notable public buildings from across New England. Twenty-four projects in total were cited in the categories of Honor, Merit and Performance.

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AGC Honors War Memorial Rec Ctr
HMFH Architects

Cambridge, MA - HMFH Architects announced the Cambridge War Memorial Recreation Center renovation for the city of Cambridge was honored with a performance award from AGC of Massachusetts in the 2009 Build New England Awards.

Sponsored by AGC of Massachusetts, the competitive juried awards program is notable for its recognition of the constructor, owner and primary designer and the important role that each play in delivering successful projects.

The Cambridge War Memorial Building Renovation project in Cambridge consisted of a complete “gut” renovation of an existing, three-story 150,000sf building located at the city’s public high school. Although the building was partially unoccupied during the construction period, the project was under strong pressure to meet aggressive completion times so the adjacent Cambridge Rindge and Latin School could re-occupy its newly renovated facility. With its attached swimming pool and field house, the War Memorial Recreation Center serves 2,000 students daily and functions as Cambridge’s central community athletic facility.

The recreation center includes three pools, a gymnasium with basketball and volleyball courts, a fitness room, a multipurpose room and separate locker room facilities for school and public use. An adjacent field house contains courts and an indoor running track.

Pro Con Gets Achievement Award

Manchester, NH - Pro Con Inc was recently recognized at the 21st Annual 2009 Gold Circle Partnership Awards ceremony for their role as construction manager for South Londonderry Elementary School’s $5.1M renovation and expansion project in Londonderry, N.H.

“As the construction manager for the South school’s expansion, Pro Con Inc. developed a wonderful working relationship with the administration, staff and students and felt part of the educational team.”

To help the young students’ transition to the new addition, the Pro Con Inc. project superintendent led all the classes on a tour of the site where they observed electricians, painters, and carpenters working on the project.

GEI 100th on The Hot Firm List

Boston, MA - GEI Consultants, Inc. has been ranked on the Zweig Letter 2009 Hot Firm List. The Hot Firm List orders the top 200 growth firms in the fields of architecture, engineering, planning, and environmental consulting. GEI was ranked 100th, up from 146th in 2008, its first year on the list.

The Zweig Letter 2009 Hot Firm List is based solely on gross revenue for fiscal years 2006 through 2008. The list is limited to firms based in the United States and Canada.

“This achievement is a credit to our clients who expect and receive a refreshing blend of technical expertise, collaborative spirit, and innovative solutions from GEI’s experts and our valued partners,” said Chris Stockwell, senior vice president and chief marketing officer at GEI Consultants, Inc.

We have always subscribed to the Knoll philosophy that “Good Design is Good Business.”

Office Resources prides itself on superior design and project management capabilities. It is the exceptional project services team that sets us apart from our competition. We are able to continually execute projects properly and efficiently. The primary objective of our project managers is to assist clients and design firms with managing project details, as well as daily furniture needs.

www.ori.com
Boston, MA - Signer Harris Architects, Barr & Barr Builders, and St. Ann’s Home and School were honored by the Association of General Contractors for the mixed-use Adolescent Center at St. Ann’s Home and School in Methuen.

The project received a Performance Award as part of the AGC Build New England Awards program, which recognizes outstanding project teams whose collaborative efforts bring complex projects to a successful conclusion.

Signer Harris Architects worked closely with the school to develop a clean modern design, rather than a traditional building, intended to mimic the school’s 1920s-era structures. The mixed use nature of the building, as well as the innovative and flexible design for the dormitory in particular, addressed significant demands for flexibility, functionality, and economy.

St. Ann’s School Center Wins Award
Signer Harris and Barr & Barr Collaborate

Melrose, MA - The city of Melrose, architect Tappé Associates of Boston, and contractor P.J. Stella Construction Corp. of Wakefield were recognized with an Honor Award for the new Veterans Memorial Middle School.

The new 221,000sf high performance, CHPS certified school accommodates 900 students and acts as a community center with facilities available to rent.

The project had to solve a number of complex technical issues on a limited site, including building in a 100-year flood plain, foundations on piles and ledge, and building over pre-existing city utilities.

The new building was built directly adjacent to the existing Melrose High School, creating a new grade 6 through 12 campus. Careful and challenging preconstruction planning was required to limit disruption to ongoing high school programs during construction.

Overall, the Melrose Middle School has been designed to reduce future operational costs, maintain durability, allow for flexibility, and reduce energy consumption and water use.

CUBE 3 Inc. 500 Ranking
Lawrence, MA - CUBE 3 Studio was ranked as one of the nation’s fastest growing private companies in Inc. Magazine’s 28th annual Inc. 500 list of America’s fastest growing private companies. The company was ranked in the top 20th percentile overall and in the top one percentile against its direct competitors in the construction industry.
Haverhill, MA - The Hayes Building Redevelopment is a mixed-income, mixed-use, transit-oriented development that represents a critical piece in the ongoing revitalization of downtown Haverhill. The proposed rehabilitation and redevelopment of the Charles Hayes Building, a historic, vacant mill building in Haverhill, into a mixed-use, mixed-income development that is in the heart of downtown Haverhill and in close proximity to mass transit, will expand the supply of permanent affordable workforce housing and significantly enhance the area.

The preservation and adaptive reuse of this historic building will bring additional economic and social diversity to the downtown area by providing 57 units of mixed-income housing and commercial space. The Hayes Building is uniquely structured to leverage as much private equity and financing as possible while increasing the supply and availability of both affordable workforce rental and homeownership housing opportunities over an extended period of time. The city of Haverhill, in concert with local officials and organizations, has been working hard to bring back the downtown Haverhill area and have targeted this property as a critical part of its revitalization efforts.

The first component of the Hayes Building consists of 33 affordable low-income housing tax credit rental units to homeownership units after the expiration of the five-year historic tax credit compliance period. Dellbrook Construction, LLC was construction manager for the Hayes Building project. Dellbrook was formed in 2005 under the leadership of Edward A. Fish and his son Michael Fish. Acting as president and chief operational officer, respectively, Dellbrook provides a full range of construction services to residential communities throughout the New England region.

Based in Braintree, Massachusetts, Dellbrook Construction has assembled a team of industry professionals to provide preconstruction planning, general contracting and construction management services to residential communities and commercial clients. Dellbrook’s project history includes:

- Independence Manor, the new construction of a three-story, 16-unit, wood-framed apartment building for the elderly; Fox Hall Renovation at UMass Lowell that consists of an occupied renovation of various floors at Fox Hall into 119 new student beds; and
- The Bourne Mill Redevelopment project, consisting of the extensive rehabilitation of a multi-building mill complex into a mix of 166 rental units.

Dellbrook’s project history includes:

- Farnsworth House renovations, which consists of the occupied rehab of 76 units, common area finishes, mechanical systems, exterior masonry, roof replacement, and complex solarium on the seventh floor. MEP upgrades consist of complete boiler replacement from an oil fueled system to a new natural gas system, electrical lighting upgrades and GFCI protection.

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The first component of the Hayes Building consists of 33 affordable low-income housing tax credit rental units to be owned by Hayes Building LLC, a to-be-formed limited liability company affiliated with the Planning Office for Urban Affairs, and three units of ground floor commercial space.

The second component consists of 24 units of affordable workforce moderate-income rental housing units, with the opportunity for conversion of the rental units to homeownership units after the expiration of the five-year historic tax credit compliance period. Dellbrook Construction, LLC was construction manager for the Hayes Building project. Dellbrook was formed in 2005 under the leadership of Edward A. Fish and his son Michael Fish. Acting as president and chief operational officer, respectively, Dellbrook provides a full range of construction services to residential communities throughout the New England region.

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The KBE team worked to provide all the fixings for a traditional Thanksgiving meal to needy families.

KBE Gives ‘The Gift of Gobble’

KBE Building Corporation (KBE) teamed with four companies to make Thanksgiving memorable for more than 150 families in Connecticut and Maryland. The project, called “The Gift of Gobble, Thanksgiving’s On Us” provided all the fixings for a traditional Thanksgiving meal to six agencies who in turn gave the baskets to deserving families.

The donations were part of KBE’s “50 Ways to Make a Difference” initiative, which targeted 50 community service projects to help the company mark its 50th year in business. The “Gift of Gobble” is the 49th project in the program.

In a joint statement on the community outreach program the companies said, “.... Thanksgiving, since its inception, has been all about sharing. We feel privileged and proud to be able to share Thanksgiving baskets with each of these 150-plus families.”
Norton Gets MSCA Award

Stoughton, MA – Frank H. Norton, executive vice president and business manager at EMCOR Services Northeast, Inc., a provider of mobile facilities services in the Northeast, was recently presented with the D.S. O’Brien Award of Excellence by the Mechanical Service Contractors of America (MSCA).

Prior to his position at EMCOR Services Northeast in Stoughton, Norton was president and co-founder of Commonwealth Air Conditioning & Heating, Inc. in South Boston (now also part of EMCOR). He was responsible for planning and directing business, marketing and quality control for the 85-employee air conditioning service company.

EMCOR Services Northeast is a subsidiary of EMCOR Group, Inc.

Jeff McCoy (l), awards the D.S. O’Brien Award of Excellence to Frank Norton.

Fuss & O’Neill Management Changes

Manchester, CT – Manchester based Fuss & O’Neill announced several changes in senior management.

Jeffrey P. Heidtman has been elected chief executive officer and chairman of the board and is stepping down as president of Fuss & O’Neill, a position he has held since July 1, 1998. Heidtman announced that Peter H. Grose, PE will be assuming these duties.

Grose is a 30-year Fuss & O’Neill employee who has directed some of the firm’s largest design and construction services programs, including wastewater collection system and treatment plant projects in the state. He is currently leading development of a ground-breaking decentralized wastewater management program in Old Saybrook.

Other changes at Fuss & O’Neill include the promotion of Michael D. Curtis, Ph.D., PE to the newly created position of director of Strategic Initiatives, and James D. Parry, PE to director of Business Development and Marketing.

Curtis will use his entrepreneurial skills and 30 years of experience to help the company expand into new service areas such as alternative energy and carbon management projects.

Parry will be focusing his efforts on business development and marketing for the entire organization. He has become the director of Fuss & O’Neill’s marketing department.

HRP Promotions

HRP Associates, Inc. announced recent promotions in its two Connecticut offices. In the Farmington office, Zoe A. Belcher, LG, RBP, LEP has been promoted to the position of project manager. Belcher is a licensed geologist, registered brownfield professional, and licensed environmental professional with nearly 10 years of experience.

Also in the Farmington office, Daniel C. Keltner has been promoted to senior project geologist. Keltner has over eight years of experience in the areas of due diligence, subsurface investigations, groundwater monitoring, and remediation technologies.

With HRP since 2001, Jason A. Beach, who recently transferred from HRP’s corporate headquarters in Farmington to the Stratford office, has been promoted to project manager. His areas of expertise include due diligence and subsurface investigations as well as remedial action design and supervision.

HRP’s corporate headquarters is located at 197 Scott Swamp Road, Farmington, Conn. 06032 and their Fairfield County regional office is at 999 Oronoque Lane, Suite 102, Stratford, Conn. 06614.

HRP Associates, Inc. is an engineering and geology consulting firm with six US offices.

CSI Team Announcements

Contracting Specialists Incorporated (CSI) announced that Mark Vandette has recently resumed serving clients from CSI’s Boston-area headquarters, after successfully helping to launch the company’s newest location in the Washington, D.C. market.

Vandette has over a decade of experience in many aspects of the construction industry, and his extensive public and government project experience enables him to clearly identify possible costly changes, allowing the project owner the opportunity to properly assess the situation and make educated decisions on how to proceed.

Scott Parello has joined CSI Northeast as division manager of the Washington, D.C. location.

He has more than 25 years of extensive and well-balanced industry experience. As division manager, his responsibilities will include business development, operations and overall management of CSI’s regional growth.
ARC Promotes Six

Cambridge, MA - ARC/Architectural Resources Cambridge announced that six members of its team: Christopher Angelakis, LEED AP; Alisa Kahn; Cathy Michalowicz, LEED AP; Peter Reiss, LEED AP; Kate Shoss and Gary Stein, LEED AP to the associate position.

“On behalf of the ARC management, I’m very pleased to announce these promotions,” said ARC president Philip Laird, AIA, LEED AP.

RF Walsh MCPPO Certifications

Boston, MA - RF Walsh Collaborative Partners announced that Joseph Naughton and Erik Christensen have become certified public procurement officials through the Office of the Inspector General of the Commonwealth of Massachusetts.

Through the Massachusetts Certified Public Purchasing Official Program (MCPPO) for School Project Designers & Owner’s Project Managers, individuals are certified to procure products and services under Massachusetts bidding laws.

Naughton serves as a principal and chief operating officer at RF Walsh Collaborative Partners and Christensen is a project manager.

Windover Adds Staff


Charlie Mann has been brought on as a project manager. He is responsible for all aspects of managing multiple construction projects, including supervising project superintendents, scheduling, submittal review and requests for information. A construction industry professional with over 37 years experience,

Mann spent the last 25 years at Shawmut Design and Construction of Boston.

Jeff Vincola has been brought on as a project superintendent. Formerly a project coordinator with William Berry and Son in Danvers, Vincola brings experience as an entrepreneur. His company, Old Oak Builders of Beverly, specialized in luxury home building and was the winner of two Charlestown Preservation Society Awards for historical restoration.

Tighe & Bond Promotes Six

Westfield, MA - Tighe & Bond, Inc. announced that the following employees have been promoted to associate:

Elizabeth G. Baldwin, P.E., is a project manager who joined Tighe & Bond in 1988 and has considerable experience in water resources and wastewater projects. Her experience encompasses a wide array of project roles including planning, design, and construction administration.

Marc J. Richards, LSP, P.E., has over 15 years of experience as a professional engineer and licensed site professional specializing in environmental assessment and remediation projects with a redevelopment component.

Antonio J. daCruz, P.E., has over 16 years of experience on a broad variety of civil/environmental engineering projects, specializing in solid waste management, wastewater management, water resources, and site design.

Dave R. Prickett, P.E., joined Tighe & Bond in 2000 and contributes planning, design, permitting and construction expertise to a variety of civil environmental projects, focusing primarily in wastewater management.

Tighe & Bond, Inc. also announced the following employees have been promoted to member of the firm’s stock ownership program.

Charles J. Croce, P.E., joined Tighe & Bond in 2008 and works out of the Middletown office. He has a wide range of experience on various site development and utility projects. His experience includes the design, planning, permitting, management and construction administration for a diverse mix of development projects.

Jeffery J. Thelen, P.G., joined Tighe & Bond in 1988 and has over 20 years of experience in solid waste facility assessment, environmental monitoring, and permitting of new and existing disposal and transfer facilities. He also performs hazardous waste assessment and provides expert geologic advice on groundwater supply and geotechnical projects.

Burman Congratulates New APs

Warwick, R.I - E.W. Burman, Inc., of Warwick congratulates project managers Andrew Burman, Sergio Vieira and John Wright on having attained LEED AP accreditation.

Davenny Gets LEED Accreditations

Cambridge, MA - Acentech Inc., a multi-disciplinary acoustics, audiovisual systems design, and vibration consulting firm, announced that Benjamin Davenny, a senior consultant in the firm’s architectural acoustics group, has recently achieved recognition as a Leadership in Energy and Environmental Design Accredited Professional for Building Design and Construction (LEED AP BD+C), as well as having earned Evidence-Based Design Accreditation and Certification (EDAC) from the Center for Health Design.

Davenny is an acoustician involved in a variety of projects concerning health-care, worship, commercial, and residential buildings. His responsibilities involve architectural and environmental acoustics, and mechanical systems noise and vibration control. Davenny’s focus includes room acoustics, interior noise control, and environmental noise control. Photo credit: Acentech Inc.
BOMA International

Winter Business Meeting and National Issues Conference – ONE power-packed meeting

The Winter Business Meeting and National Issues Conference provides an opportunity to share ideas, learn from your peers, be a part of shaping the future of BOMA and the commercial real estate industry and to take our message to legislators and regulators in our nation’s capitol. Join us for inspiring general sessions, exciting networking receptions and important business meetings. This is your chance to speak out and make a difference.

2010 Winter Business Meeting and National Issues Conference
February 1-4, 2010
Hyatt Regency Capitol Hill, Washington, DC

NESEA Call for Entries

To help spur the market for zero-energy buildings in the Northeast, the Northeast Sustainable Energy Association (NESEA) is accepting entries through January 15 for its Zero Net Energy Building Award. A $10,000 cash prize is offered and the winner will be announced at Building Energy 2010, March 9 through 11 at the Seaport World Trade Center.

NESEA BuildingEnergy 2010
March 9-11, 2010
Meet the Professionals in Sustainability and Whole Systems Thinking
NESEA’s BuildingEnergy Conference March 9-11, 2010, at the Seaport World Trade Center. BuildingEnergy is the only conference where you will find architects, designers, planners, builders, policymakers, manufacturers, and installers working together to determine what’s possible. The Building Energy Trade Show features 160 exhibitors showcasing the latest sustainable technologies and products. Hear about the things you can do today to reach the goal of zero net energy - where you produce as much energy as you use.

For more information: log onto NESEA.org

AGC Programs and Events

Thursday, January 14, 2010
8:30 – 10 a.m.
AGC Conference Center, Wellesley
Avoiding Class Actions and Treble Damages by Classifying Your Workers Correctly: Exempt, Non-Exempt or Independent Contractors.
Strategies for compliance with FLSA exemptions.

Analysis of the new Massachusetts regulations, guidance and court opinions on independent contractor status.
Review of the latest court opinions on OT pay and when employers must compensate employees before or after normal work hours.
Interactive case scenarios.
For more information: Mary Gately gately@agcmass.org

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For more information, contact Dina O’Rourke, CMP
Director of Meeting Services
(609) 452–8000 or dorourke@cfma.org

SHIFTBoston Ideas Competition 2009
January 14, 2010 - 6 p.m.
Join us as we present and celebrate the ideas and the winner of the SHIFT-Boston ideas competition co-sponsored by the BSA. This international competition is gathering innovative, radical ideas from visionary architects, artists, landscape architects, urban designers, engineers, and others by challenging anyone to answer the question: What if this could happen in Boston? Free, along with free entrance into the museum.

For details, visit shiftboston.org.

SHIFTBoston FORUM @ The Institute of Contemporary Art/Boston
100 Northern Avenue, Boston, MA

Wishing you and yours Happy Holidays and a Prosperous New Year

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Ralph and Marion Barnes,
Anastasia Barnes, Sandra Quidetti,
Michael Marvelli, Octavia Van Der Molen,
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Over the past decade, Bowdoin has experienced its most significant growth in the academic and healthcare sectors, focusing on private colleges, independent schools, special needs schools, recreational facilities, medical centers, hospitals, and not-for-profit institutions. Some of Bowdoin’s clients for 2009 include Tufts University, Gordon College, Solomon Schechter School of Greater Boston, Massachusetts Golf Association, St. Anne’s Hospital, Fresenius Medical Care, Constitution Surgery Centers, Harbor Health Services, and Self Help, Inc. Full story page 26