Focus:
Healthcare Facilities Development News

Inside this issue
S/L/A/M, Tocci, and Marlborough Hospital
Utilize IPD for New Cancer Pavilion
Partners Healthcare’s Spaulding Rehab Project:
Designing with LEED
Elliot at River’s Edge Grand Opening
Hartford Hospital Completes ERC Renos
St. Vincent’s Medical Center Expansion
North Branch CM for Northeast Rehabilitation Hospital
ASHE Training Programs for Health Care Construction
URI Breaks Ground on $42M Hillside Residence Hall
Healthcare Design Goes High Tech and ‘Lean’
DAI and Winchester Hospital Breaks Ground
O’Connor Nears DEP Lab Completion
Fortunato Construction Group Healthcare Facilities
Environmentally Friendly Outlet Takes Shape
MPA Completes Design for Best Doctors
Columbia Begins Family Care Project
Suffolk Celebrates MassArt Topping Off
LGH Breaks Ground
St. Francis Hosp Unveils New Tower
D-H Heater Road Medical Building

plus Schools, Multi Residential, Commercial, Facilities News, Hospitality, Retail, Green News, People, Calendar and more...
AWARD WINNING ARCHITECTURE
EXCEPTIONAL CONSTRUCTION MANAGEMENT

Renaissance Hotel & Spa at Patriot Place, Foxborough, MA
Excellence Award: Design Build 2010

PRO CON INC. The Diamond Solution™
Architecture | Engineering | PreConstruction | Construction
603.623.8811
Cover Story: LEVI + WONG Design for D’Youville Ctr....21

Sections:

Uphorn: 6
Facilities: 9
Multi: 32
Education: 34
Awards: 39
Green News: 40
People: 44
Calendar: 46

WWW.HIGH-PROFILE.COM

E-mail news releases, advertising queries, articles, calendar listings and announcements, to: editor@high-profile.com

Publishers:
Michael Barnes and Kathy Barnes
Advertising Manager: Mike Marvelli
Business Development: Anastasia Barnes
Account Executive: Steve Orth
Consultants: RAB Associates
Art Direction & Design: Sandra Guidetti
Proofing Editor: Peggy Dostie
P.O. Box 7, Pembroke, MA 02359
Express Delivery: 615 School St., Pembroke, MA 02359
Phone: (781) 294-4530
Fax: (781) 293-5821
E-Mail: editor@high-profile.com

Welcome MHA members and NEBFMers!

When evaluating a mechanical contractor, don’t overlook a critical spec: EXPERIENCE.

All mechanical contractors say they can do the job. But at NB Kenney we’ve proven ourselves for more than thirty years. From hospitals, laboratories and schools, to government buildings, municipal buildings and housing projects we can handle the most challenging and complex systems. We invite you to review our success stories and see that we know how to get a project done on time and on budget.

You’ll find that our work meets the most rigorous standards of excellence. If you want uncompromising quality, meticulous attention to detail, and the know-how to get it done right, depend on our experience for your next project.

ADVERTISERS INDEX

A.W. Hastings & Co. 46
AKF Group 16
American Plumbing 2
ASHX 37
B.L. Makepeace 26
Boston Plasterers’ Cement Masons 4
Bowdoin Construction 5
Capone Iron Corporation 32
Coley Wolff Design Group 9
Cube 3 Studio 23
D.F. Pray 9
Delbrook Construction 24-25
DiGiorgio Associates 27
EHK Adjololo & Associates 8
Existing Conditions Survey 35
FIP Construction 30
Foley Bully Roberts & Associates 40
Fortunato Construction Group 19
Granite State Glass Co. 29
Great In Counters 5
Haley & Aldrich 15
Harry R. Feldman 41
Harsco Infrastructure Americas 39
Hutter Construction 11
Ideal Concrete Block 36
Interstate Electrical Services Corp. 8
Isaacson Structural Steel 23
J.C. Cannistraro 17
Marr 34
Marr 39
McNamara/Salvia 15
Metropolitan Restoration 5
MGM Carting & Recycling 18
Mount Ida College 11
Multi-Weld Services 29
Munro Distributing 32
N. B. Kenney 4
NE Moves Mortgage 7
Nelson & Small 29
New Hampshire Steel Fabricators 47
Nexamp 41
North Branch 19
Novel Iron 6
O’Brien & Sons 7
O’Connor Constructors 18
PCINE - Precast/Prestressed 33
Concrete Institute 33
Pro Con Construction 3
Pro Property Pro Restoration 32
Rand Worldwide 43
RPF Associates 40
SIL/A/M Collaborative 12
Sandia Guidetti Graphics 42
Steel Fabricators of New England 36
Suffolk Construction Company 23
Tecton Architects 31
Tesla Systems 42
The Welch Corp. 10
TOCCI 13
Topaz Engineering Supply 14
Trident Project Advisors 8
Valleycrest 28
Van Zelm Heywood 31
Wayne J. Griffin Electric 22
Wentworth 6
Wessling Architects 5

Boston Plasterers' & Cement Masons Local 534 serving: MA, NH, ME & VT, America’s Oldest Building and Construction Trades International Union Since 1864
Our trained and skilled craftsmen are just a phone call away.
We offer reliable, responsible, highly qualified and competent personnel, state certified apprenticeship and training program, OSHA certified membership.
We are committed to quality and performance.

Sub Contractors

A1 Concrete Cutting
Angelini Plastering
Austin Ornamental Inc.
Back Bay Concrete
Bidgford Assoc.
Cape Cod Plastering
Cavalieri Const.
Century Drywall
Components Spray Fireproofing
D & M Concrete
East Coast Fireproofing
F.C.P. Concrete Floors
H. Carr & Son
Island Lath & Plaster
J.R.J. Construction
John L. Ciman & Son
J.L. Marshall
M.L. McDonald Co.
Mass Acoustics Inc.
New England Decks
New England Finish Systems
Ricmor Construction, Inc.
S & F Concrete
Stafford Construction
Summit Building Systems

Plasterers:

Veneer Plaster
Venetian Polished Plaster
Three coat conventional Plaster
Ornamental Plaster
Historical Restoration & Preservation
E.I.F.S.
Portland Cement (Stucco)
Fireproofing

Cement Masons:

Flatwork
Sidewalks
Pool Decks
Decorative Concrete Overlays
Stamped Concrete
Concrete Repair & Restoration
Epoxy, Seamless and Concrete
Flooring *and much more*

For More Information Please Call
Peter Stracuzzi, Jr, Industry Analyst
Office: 617-825-5200 • Cell: 617-750-0896
Website: www.opcialocal534.org
How can you execute a successful building project, avoiding all the usual hassles, and fulfill your original vision of beautiful, effective architecture? The solution is to address the entire project as one integrated design. This total approach enhances the design process and protects your interests not only due to efficiency, but also through comprehensive professional services, strong communication, and a deeper reliance on partnering.

Wessling Architects Led The Design Team for New England Conservatory Restoration Winner of the 2010 Preservation Achievement Award.

The New England Conservatory Campus was honored in the category of Exceptional Maintenance of a Historic Property. This project concentrated on the exterior renovation of Jordan Hall, 295 Huntington Avenue, 241 St. Botolph Street, and 33 Gainsborough Street in Boston’s Back Bay. “This project has brought these exceptional buildings to a high standard of renovation and reinforces the idea that good maintenance is good preservation”, said Sarah Kelly, Executive Director of the Boston Preservation Alliance.

President’s Place, 1250 Hancock Street, Suite 815, Quincy MA 02169
(617) 773-8150    www.wesslingarchitects.com

Seal the Building Envelope
METROPOLITAN
Restoration & Waterproofing Corp.
KEEPING NEW ENGLAND BUILDINGS WATERTIGHT SINCE 1986

FROM HISTORIC STRUCTURES TO MODERN BUILDINGS
Historic Restoration (ABC & ICRI Awards)
Cornice & Flashing Repairs
Masonry & Stone Repointing
Stone & Architectural Concrete Restoration
Roofing Systems (Historic & Conventional)
 Waterproofing & Sealers
Building Envelope Maintenance

Presidents Place, 1250 Hancock Street, Suite 815, Quincy MA 02169
(617) 773-8150    www.wesslingarchitects.com

5 Enterprise Lane
Smithfield, RI 02917
Phone: 401 233 0666 • Fax: 401 233 0669
www.mrwc.com

Keeping New England Buildings Watertight Since 1986

Please call for references, case histories & on-site evaluations

TEL: 617-282-7663 • FAX: 617-282-4336 • WWW.MRWC.COM

Seal the Building Envelope
METROPOLITAN
Restoration & Waterproofing Corp.
KEEPING NEW ENGLAND BUILDINGS WATERTIGHT SINCE 1986

FROM HISTORIC STRUCTURES TO MODERN BUILDINGS
Historic Restoration (ABC & ICRI Awards)
Cornice & Flashing Repairs
Masonry & Stone Repointing
Stone & Architectural Concrete Restoration
Roofing Systems (Historic & Conventional)
 Waterproofing & Sealers
Building Envelope Maintenance

Presidents Place, 1250 Hancock Street, Suite 815, Quincy MA 02169
(617) 773-8150    www.wesslingarchitects.com

Serving the New England Region Since 1973

Bowdoin
CONSTRUCTION CORP.

Pre-Construction Planning
Construction Management
General Contracting
Design/Build

Corpor ate Commercial
Academic / Cultural
Medical / Healthcare
Hospitality / Multifamily
Retail / Restaurant

HEADQUARTERS
2201 Reservation Street
Needham Heights, MA 02494
P: 811-444-6302 - F: 811-444-4970
info@bowdoinconstruction.com • www.bowdoinconstruction.com

REGIONAL OFFICE
1224 Mil Street, Building B, Suite 212
East Berlin, CT 06023
P: 877-606-6410 - F: 866-606-9590
www.bowdoinconstruction.com

Great In Counters
“Your Stone Solution Choice”

Great In Counters
5 Enterprise Lane • Smithfield, RI 02917
Phone: 401 233 0666 • Fax: 401 233 0669

www.high-profile.com
Corbett Recognized CFMA Presents Award

Needham, MA - Michael Corbett was presented the “William Schwab Award” by the Construction Finance Management Association (CFMA) of Massachusetts at the May breakfast meeting at the Sheraton Needham.

Corbett has been a CFMA member since 2003. He upgraded the stature of the Massachusetts Chapter while on the board and as president. He played an instrumental role in shaping the chapter’s scholarship policy that has helped construction professionals pursue their careers. He enhanced the level of educational material provided to the membership, had record attendance for the programs run during his term as president, increased the chapter’s membership to 189, and developed a succession plan.

At the same meeting the CFMA awarded six recipients of its annual scholarships program. The six students will share in the $10,000 of scholarship money awarded to students pursuing degrees in the fields of accounting, engineering, or construction management. Three of the recipients were present for the presentation by Joe Gates, chapter vice president, who chairs the scholarship committee.

This month’s program was the Leadership Journey presented by James O’Neil of Impact Skills, Inc.

Heads up for the 2011 legislative conference & political leadership council Summit held May 10 – 12 in Washington. The Chapter was represented by Larry Hurwitz of Broadway Electrical; Sue Mailman of Coghlin Electrical Contractors; Ron Koning of State Electric Corp.; Boston Chapter NECA lobbyist Jim Smith of Smith, Ruddock & Hayes; and NECA Boston Chapter assistant executive manager Matthew Lash.

Washington, DC - Boston Chapter NECA had a strong presence at the NECA 2011 Legislative Conference & Political Leadership Council Summit held May 10 – 12 in Washington. The Chapter was represented by Larry Hurwitz of Broadway Electrical; Sue Mailman of Coghlin Electrical Contractors; Ron Koning of State Electric Corp.; Boston Chapter NECA lobbyist Jim Smith of Smith, Ruddock & Hayes; and NECA Boston Chapter assistant executive manager Matthew Lash.

The Greater Boston contingent met with Massachusetts legislators to discuss key issues critical to the future of the construction industry.

EEA Kick-Off for Parks Projects

Boston - In recognition of the vital role that public parks play in maintaining the health and economic well-being of cities, Massachusetts Energy and Environmental Affairs (EEA) Secretary Richard K. Sullivan Jr. marked the start of construction season by highlighting six urban park projects currently under way or set to start, as part of 17 ongoing Gateway Cities Parks projects across the state.

Funded in part through EEA’s Gateway Cities Parks program, these projects in Chicopee, Fitchburg, Lawrence, Malden, Melrose, Pittsfield, and Taunton are the first to begin construction since the signature of Governor Deval Patrick’s administration program began three years ago. They represent a $7 million investment by the state, matched by $3.8 million in municipal funding for park improvements including landscaping, parking lot expansions, and new trail and playground construction.

“These six projects provide jobs and enhanced quality of life by providing park and recreational opportunities to urban residents living and visiting in the Commonwealth’s Gateway Cities,” said Secretary Sullivan.

The Gateway City Parks Program was created in 2008 and has since invested $9.5 million on construction, as well as site assessment, surveying, engineering, and other services necessary to produce the design and construction documents for future park creation or renovation. Plans to build a dozen other parks are complete or in progress, with the expectation that construction of those projects will begin next year.
Essential Expertise: ASHE Training Programs for Health Care Construction

A 55-year old man who underwent surgery at a western Massachusetts hospital to repair herniated discs contracted an infection that required two more operations and 115 days in the hospital. His infection was caused by an airborne fungus that contaminated the surgical site.

Water in the hospital’s air-handling ducts was determined to be a likely source for the fungus. The man sued the general contractor and sheet metal contractor responsible for installing the operating room air-handling system, the environmental testing company that evaluated the system, the hospital itself, the chairman of the infection control committee, and the infection control practitioner. After years of litigation, the case was eventually settled for $717,000.

Andrew J. Streifel, public health specialist in the Environmental Health and Safety department at the University of Minnesota, served as a hospital environmental health expert for the case. He says, “Mold is everywhere. It’s as common as the air we breathe. A problem starts when those microbes can affect patients.” All patients are at risk from the environment, “especially when we start to do construction,” Streifel notes.

Liability related to health care construction can be costly, and much more than money is at stake. The risk is particularly high for patients whose immune systems are severely compromised, including premature infants, transplant recipients, or people being treated for cancer or burns, who are susceptible to invasive aspergillosis, an often fatal infection caused by a very common environmental fungus, or mold.

According to the U.S. Centers for Disease Control and Prevention, “studies have shown that invasive aspergillosis can occur during building renovation or construction.”

“It’s critical that we maintain infection control measures as we’re doing construction.”

High-Profile Visits NASCC

Pittsburgh, PA - Michael Marvelli of High-Profile Monthly recently attended the annual American Institute of Steel Construction’s North American Steel Construction Conference (NASCC) in Pittsburgh.

The four day conference and trade show offered new learning opportunities and interactive technologies for its 3,263 attendees. Marvelli mingled with seasoned attendees (some having attended more than 50 annual steel conferences), first-timers, and students looking to enter the industry.

He told us that 89 students participated in the new student program at NASCC to explore career opportunities in structural engineering and learn practical tips on finding jobs and developing as leaders.

Attendees saw a live demonstration of a Steelmax abrasive belt grinder at the company’s booth in the exhibit hall. The tool quickly and efficiently grinds and polishes metals to the required dimension on a large surface grinding table.

Burlington Automation presented a live demonstration of the PythonX, a structural steel fabrication system that uses automated 3D fabrication to process beams, channels, HSS, angle, plate and bar in a single pass with the precision of new technology.

Attendees stopping by the Lincoln Electric booth in the exhibit hall experienced welding with the VRTEX 360, a virtual reality arc welding training tool where you slip on a modified welding helmet, pick up a welder, and experience the closest thing to being in the field.

Marvelli reported that it was a terrific learning experience and he looks forward to the 2012 Conference in Grapevine, Texas.
Longevity, Reliability, Quality, Professionalism and Integrity.

5 Important Reasons To Choose Interstate For Your Next Project

Longevity, Reliability, Quality, Professionalism and Integrity.

For Your Next Project

Chosen

A Project Management Company

EHK Adorjolo & Associates Inc.
Engineering | Coordination | Building Information Modeling

BIM
On-Site Coordination
M.E.P. Systems
BIM Laser Solutions
Field Points
www.EHKA.com
1502 Providence Hwy, Suite 12
Norwood, MA 02062
781-551-8111

Trident

A Project Management Company

NH
(603) 898-6110

MA
(978) 687-7717

www.tridentgrp.com

Chosen

Owner’s Project Managers/Advisors

by Michael Barnes, publisher

High-Profile Monthly

MHAs fifth annual Construction Conference serves as a springboard for our annual focus on healthcare facilities and our monthly healthcare facilities section. Look for a follow up interview with Dr. Martin Dion, Director, USGBC Massachusetts Chapter. I found it striking that in addition to the mountains of technical data shared by top executives to provide more sustainability in the planning and design of facilities, Amy Collins and Adelaida Gibson of Metro West Medical Center brought to light the effort of individual staff members with a desire to improve their environment by correcting standard practices that were creating waste. This bottom up approach provided balance and a reminder that the greening of our facilities is of vital interest to all of us.

I want to thank John Tessicini, president for and Thomas Bettle, immediate past president of CFMA Massachusetts for inviting to its May breakfast. The networking session and announcements were followed by a stimulating program, “Leadership Journey” presented by James O’Neil of Impact Skills, Inc. Look for a series of articles of Jim on leadership skills in future issues.

BIM Survey

AISC recently conducted a survey of fabricator members to determine their usage of 3-D software with nearly 45% of polled fabricator members to determine their usage of 3-D software. 3-D tools for modeling, detailing and other manufacturing operations within the structural steel supply chain. AISC reported that nearly 80% of responding fabricators are using 3-D tools for modeling, detailing and other tasks and passing that data to CNC driven shop floor machinery.

Now is the Time to Build

The formerly used District 6 Police Station in South Boston will be converted into new housing for veterans and their families. The $9.85 million development will include 24 apartment units (10 two bedroom units, two one bedroom units, 11 studio apartments, and one live-in manager’s one-bedroom unit). There will be approximately 960sf of office space for veterans’ services to be provided to the residents and other area veterans.

The Fenway area will now have more options for home ownership after the BRA board approved the $15 million renovations of the existing symphony garage. This 60,000sf garage will be converted into 48 loft condos on seven floors complete with 32 parking spaces, offering one of few ownership options in the Fenway area. The lower six floors of the proposed project will involve the renovation of the existing symphony garage and the re-purposing of this existing structure from commercial parking to residential use and accessory residential parking. The top floor of the proposed project will consist of a newly constructed 6,500+/-sf rooftop. This project is being developed by the Catamount Management Corporation.

The Boston Business Journal reported that Boylston Properties Co. said it is moving ahead with plans to build a 175-room hotel in Boston’s Fenway neighborhood, with construction expected to commence in the fall.

Housing and Urban Development Secretary Shaun Donovan recently awarded $152.7 million to help eight cities across the country transform severely distressed public housing developments into mixed-income communities. Boston Housing Authority will receive $22 million to revitalize the Old Colony public housing development.

JLL Named to Riverwalk Project

Fuss & O’Neill Engineers

Preston, CT - The Preston Redevelopment Agency (PRA) has contracted Jones Lang LaSalle to provide an economic and market analysis for the redevelopment and disposition of Preston Riverwalk, a 390-acre riverfront campus in Preston. Jones Lang LaSalle has begun work with civil and environmental consulting engineering firm Fuss & O’Neill, Inc. to produce a master regulating plan for the property, which is owned by the town of Preston.

The former Norwich State Hospital site is a prime location across Connecticut’s Thames River from Mohegan Sun Casino. It is situated at the epicenter of the southeast Connecticut tourism region, on the direct route to Foxwoods Resort Casino. The campus has frontage on the Thames and long views to Long Island Sound. More than half of the property is undeveloped. A forested hillside surrounds the reservoir.

Over the past 100 years, 140 acres of the 390-acre site were developed extensively as part of the hospital property. The mostly flat terrain is interspersed with existing infrastructure, public utilities, a 500-foot deep water pier, an active railroad, and connector to I-91. In 2009 the town of Preston purchased the the site from the state of Connecticut.

Publishers Article
High-Profile: Facilities Development News

URI Breaks Ground on $42M Hillside Residence Hall
Lerner Ladds Bartels Architects, Odeh Engineers, Pare Corp., Creative Environment and Mackey Mitchell Architects

Providence, RI - Groundbreaking ceremonies were held recently and construction started on the $42 million Hillside Residence Hall at the University of Rhode Island (URI).

URI President David M. Dooley said Hillside Hall is a critical part of the strategic plan for URI in building a diverse community. “We know that living in a residence hall builds social and leadership skills, enhances students’ ability to relate to those different from themselves and leads to friendships that enrich their lives,” Dooley said. “This building will also be another striking example of our ability to innovate and respond to critical environmental issues that could affect generations to come.”

Hillside Hall is designed to be the gateway of URI’s undergraduate residential district. The five-story structure will house 429 students in double rooms, each with nine-foot-high ceilings, built-in closets, and the newest technology. This residence hall is targeted for URI’s freshman and sophomore classes. The project is located on Baird Hill. The east side of the property will be preserved as woodlands, and existing student residence halls flank the remaining sides.

Lerner Ladds Bartels Architects of Providence designed the building in collaboration with Rhode Island engineering firms Odeh Engineers Inc. (structural), Pare Corporation (civil), and Creative Environment Corp. (mechanical/electrical/plumbing), along with associate architects Mackey Mitchell Architects of St. Louis. Hillside Hall will feature several architectural elements and use many of the traditional materials of neighboring halls, yet will reflect more modern styling and innovative building technologies that will reduce its environmental impact.

Residents will enjoy large windows for natural ventilation and lighting. There will be common lounges, recreation rooms, a classroom and multi-purpose room, and quiet study rooms throughout the building. A strong architectural feature will be the four-story, glass-faced bridge linking the two wings of the building. This structure will offer a connecting central staircase and two-story lounges with outstanding views of the exterior landscaped courtyards.

Hillside Hall will feature several architectural elements and use many of the traditional materials of neighboring halls, yet will reflect more modern styling and innovative building technologies that will reduce its environmental impact.

Residents will enjoy large windows for natural ventilation and lighting. There will be common lounges, recreation rooms, a classroom and multi-purpose room, and quiet study rooms throughout the building. A strong architectural feature will be the four-story, glass-faced bridge linking the two wings of the building. This structure will offer a connecting central staircase and two-story lounges with outstanding views of the exterior landscaped courtyards.

Hillside Hall will have up to 30% of its domestic hot water needs supplied by rooftop solar collectors. The building is designed to meet LEED Silver standards established by the US Green Building Council. Many of the building materials will have recycled content, and the building will also feature naturally ventilated spaces, a vegetated roof, heat-recovery equipment, indoor bicycle storage, and building energy monitors in the main lobby.

The ground floor of the building will house new offices for URI’s Department of Housing and Residential Life. The department will move from its current home in the Roger Williams Commons building, which is being transformed this year into a new student wellness and fitness center.

High-Profile: Facilities Development News

URI Breaks Ground on $42M Hillside Residence Hall
Lerner Ladds Bartels Architects, Odeh Engineers, Pare Corp., Creative Environment and Mackey Mitchell Architects

Providence, RI - Groundbreaking ceremonies were held recently and construction started on the $42 million Hillside Residence Hall at the University of Rhode Island (URI).

URI President David M. Dooley said Hillside Hall is a critical part of the strategic plan for URI in building a diverse community. “We know that living in a residence hall builds social and leadership skills, enhances students’ ability to relate to those different from themselves and leads to friendships that enrich their lives,” Dooley said. “This building will also be another striking example of our ability to innovate and respond to critical environmental issues that could affect generations to come.”

Hillside Hall is designed to be the gateway of URI’s undergraduate residential district. The five-story structure will house 429 students in double rooms, each with nine-foot-high ceilings, built-in closets, and the newest technology. This residence hall is targeted for URI’s freshman and sophomore classes. The project is located on Baird Hill. The east side of the property will be preserved as woodlands, and existing student residence halls flank the remaining sides.

Lerner Ladds Bartels Architects of Providence designed the building in collaboration with Rhode Island engineering firms Odeh Engineers Inc. (structural), Pare Corporation (civil), and Creative Environment Corp. (mechanical/electrical/plumbing), along with associate architects Mackey Mitchell Architects of St. Louis. Hillside Hall will feature several architectural elements and use many of the traditional materials of neighboring halls, yet will reflect more modern styling and innovative building technologies that will reduce its environmental impact.

Residents will enjoy large windows for natural ventilation and lighting. There will be common lounges, recreation rooms, a classroom and multi-purpose room, and quiet study rooms throughout the building. A strong architectural feature will be the four-story, glass-faced bridge linking the two wings of the building. This structure will offer a connecting central staircase and two-story lounges with outstanding views of the exterior landscaped courtyards.

Hillside Hall will feature several architectural elements and use many of the traditional materials of neighboring halls, yet will reflect more modern styling and innovative building technologies that will reduce its environmental impact.

Residents will enjoy large windows for natural ventilation and lighting. There will be common lounges, recreation rooms, a classroom and multi-purpose room, and quiet study rooms throughout the building. A strong architectural feature will be the four-story, glass-faced bridge linking the two wings of the building. This structure will offer a connecting central staircase and two-story lounges with outstanding views of the exterior landscaped courtyards.

Hillside Hall will have up to 30% of its domestic hot water needs supplied by rooftop solar collectors. The building is designed to meet LEED Silver standards established by the US Green Building Council. Many of the building materials will have recycled content, and the building will also feature naturally ventilated spaces, a vegetated roof, heat-recovery equipment, indoor bicycle storage, and building energy monitors in the main lobby.

The ground floor of the building will house new offices for URI’s Department of Housing and Residential Life. The department will move from its current home in the Roger Williams Commons building, which is being transformed this year into a new student wellness and fitness center.

High-Profile: Facilities Development News

URI Breaks Ground on $42M Hillside Residence Hall
Lerner Ladds Bartels Architects, Odeh Engineers, Pare Corp., Creative Environment and Mackey Mitchell Architects

Providence, RI - Groundbreaking ceremonies were held recently and construction started on the $42 million Hillside Residence Hall at the University of Rhode Island (URI).

URI President David M. Dooley said Hillside Hall is a critical part of the strategic plan for URI in building a diverse community. “We know that living in a residence hall builds social and leadership skills, enhances students’ ability to relate to those different from themselves and leads to friendships that enrich their lives,” Dooley said. “This building will also be another striking example of our ability to innovate and respond to critical environmental issues that could affect generations to come.”

Hillside Hall is designed to be the gateway of URI’s undergraduate residential district. The five-story structure will house 429 students in double rooms, each with nine-foot-high ceilings, built-in closets, and the newest technology. This residence hall is targeted for URI’s freshman and sophomore classes. The project is located on Baird Hill. The east side of the property will be preserved as woodlands, and existing student residence halls flank the remaining sides.

Lerner Ladds Bartels Architects of Providence designed the building in collaboration with Rhode Island engineering firms Odeh Engineers Inc. (structural), Pare Corporation (civil), and Creative Environment Corp. (mechanical/electrical/plumbing), along with associate architects Mackey Mitchell Architects of St. Louis. Hillside Hall will feature several architectural elements and use many of the traditional materials of neighboring halls, yet will reflect more modern styling and innovative building technologies that will reduce its environmental impact.

Residents will enjoy large windows for natural ventilation and lighting. There will be common lounges, recreation rooms, a classroom and multi-purpose room, and quiet study rooms throughout the building. A strong architectural feature will be the four-story, glass-faced bridge linking the two wings of the building. This structure will offer a connecting central staircase and two-story lounges with outstanding views of the exterior landscaped courtyards.

Hillside Hall will feature several architectural elements and use many of the traditional materials of neighboring halls, yet will reflect more modern styling and innovative building technologies that will reduce its environmental impact.

Residents will enjoy large windows for natural ventilation and lighting. There will be common lounges, recreation rooms, a classroom and multi-purpose room, and quiet study rooms throughout the building. A strong architectural feature will be the four-story, glass-faced bridge linking the two wings of the building. This structure will offer a connecting central staircase and two-story lounges with outstanding views of the exterior landscaped courtyards.

Hillside Hall will have up to 30% of its domestic hot water needs supplied by rooftop solar collectors. The building is designed to meet LEED Silver standards established by the US Green Building Council. Many of the building materials will have recycled content, and the building will also feature naturally ventilated spaces, a vegetated roof, heat-recovery equipment, indoor bicycle storage, and building energy monitors in the main lobby.

The ground floor of the building will house new offices for URI’s Department of Housing and Residential Life. The department will move from its current home in the Roger Williams Commons building, which is being transformed this year into a new student wellness and fitness center.

High-Profile: Facilities Development News

URI Breaks Ground on $42M Hillside Residence Hall
Lerner Ladds Bartels Architects, Odeh Engineers, Pare Corp., Creative Environment and Mackey Mitchell Architects

Providence, RI - Groundbreaking ceremonies were held recently and construction started on the $42 million Hillside Residence Hall at the University of Rhode Island (URI).

URI President David M. Dooley said Hillside Hall is a critical part of the strategic plan for URI in building a diverse community. “We know that living in a residence hall builds social and leadership skills, enhances students’ ability to relate to those different from themselves and leads to friendships that enrich their lives,” Dooley said. “This building will also be another striking example of our ability to innovate and respond to critical environmental issues that could affect generations to come.”

Hillside Hall is designed to be the gateway of URI’s undergraduate residential district. The five-story structure will house 429 students in double rooms, each with nine-foot-high ceilings, built-in closets, and the newest technology. This residence hall is targeted for URI’s freshman and sophomore classes. The project is located on Baird Hill. The east side of the property will be preserved as woodlands, and existing student residence halls flank the remaining sides.

Lerner Ladds Bartels Architects of Providence designed the building in collaboration with Rhode Island engineering firms Odeh Engineers Inc. (structural), Pare Corporation (civil), and Creative Environment Corp. (mechanical/electrical/plumbing), along with associate architects Mackey Mitchell Architects of St. Louis. Hillside Hall will feature several architectural elements and use many of the traditional materials of neighboring halls, yet will reflect more modern styling and innovative building technologies that will reduce its environmental impact.

Residents will enjoy large windows for natural ventilation and lighting. There will be common lounges, recreation rooms, a classroom and multi-purpose room, and quiet study rooms throughout the building. A strong architectural feature will be the four-story, glass-faced bridge linking the two wings of the building. This structure will offer a connecting central staircase and two-story lounges with outstanding views of the exterior landscaped courtyards.

Hillside Hall will feature several architectural elements and use many of the traditional materials of neighboring halls, yet will reflect more modern styling and innovative building technologies that will reduce its environmental impact.

Residents will enjoy large windows for natural ventilation and lighting. There will be common lounges, recreation rooms, a classroom and multi-purpose room, and quiet study rooms throughout the building. A strong architectural feature will be the four-story, glass-faced bridge linking the two wings of the building. This structure will offer a connecting central staircase and two-story lounges with outstanding views of the exterior landscaped courtyards.

Hillside Hall will have up to 30% of its domestic hot water needs supplied by rooftop solar collectors. The building is designed to meet LEED Silver standards established by the US Green Building Council. Many of the building materials will have recycled content, and the building will also feature naturally ventilated spaces, a vegetated roof, heat-recovery equipment, indoor bicycle storage, and building energy monitors in the main lobby.

The ground floor of the building will house new offices for URI’s Department of Housing and Residential Life. The department will move from its current home in the Roger Williams Commons building, which is being transformed this year into a new student wellness and fitness center.


**Environmentally Friendly Outlet Takes Shape**

Pro Con Architect and GC

Nashua, NH – With the framework being completed and the exterior finishes under way, New Hampshire's new, environmentally friendly liquor and wine outlet store is beginning to take shape in Nashua. Pro Con Inc of Manchester is the architect and general contractor for the $3.3 million project, that has been designed and is being built to achieve LEED Gold. The new outlet is being built behind an existing state liquor store at 27 Coliseum Avenue, which will be demolished when the new store is completed.

"The store's green exterior siding and the granite façade are currently being installed," stated the project manager for Pro Con Inc. "The geothermal wells are complete and the installation of the mechanicals and drywall is on-going. We remain on schedule for a late June completion date."

The 20,000sf interior features a contemporary open concept design with the heavy timber framing of a classic New England barn. An expanded retail floor space, New Hampshire granite counter tops, and a greater selection of products will create a more engaging experience for shoppers. The store's design and construction incorporates numerous ecologically friendly features, including solar panels, energy efficient LED lighting, and geothermal heating and cooling systems. Local building materials and low volatile organic compound products are being used for construction. The liquor and wine outlet's landscaping will be comprised of local plants and grasses that require no irrigation.

Pro Con Inc has registered the project with the US Green Building Council and intends to pursue certification under USGBC's LEED program.

The goal is to recycle 95% of construction waste from the new building and 95% of demolition material from the old building. Recycled materials will also be used to build new store features, including a wine tasting display counter that will be made from recycled glass.

---

**Integrated Bldrs Builds EIP 100Ksf Fit-Out**

McKenna Architect

Salem, NH - Integrated Builders has been awarded a fit-out contract totaling 100,000sf of commercial space in Salem.

Equity Industrial Partners, a Needham, Mass.-based developer and operator of industrial real estate across the United States, hired Integrated Builders for the fit-out project at 9 Northeastern Blvd., a 660,000sf warehouse/light manufacturing facility.

Integrated Builders will provide warehouse and office fit-outs for 74,000sf of warehouse and 26,000sf of office space for Nora Systems, Inc., a manufacturer of Nora rubber flooring. The work includes interior millwork, doors, frames, hardware, office, cubicles, restrooms, ceiling, paint, specialties and mechanical systems. The architect for the project is The McKenna Group Ltd.

Integrated Builders previously completed a 104,000sf build-out for Comcast at the same location. The project included fit-out of the testing room with drop ceiling, flooring, heating, ventilation, air conditioning (HVAC), electrical, and fire protection.
Boylston Properties’ New Marriott

Group One Architect

Boston - Boylston Properties Company, Inc. of Boston is moving forward with development of a Marriott Residence Inn at 121 Brookline Ave. near Fenway Park.

Plans are to begin construction in the fall.

The architect on the project is Group One Partners, Inc. of Boston. John Moriarty & Associates of Winchester, which recently completed the Art of the Americas wing of the Museum of Fine Arts, will be the contractor.

The eight-story hotel will feature a fitness center with modern equipment and televisions, and parking for 50 vehicles below ground level. An enclosed rooftop pool area opens to outdoor seating and is topped by a stunning 100-foot-long pergola, bringing a distinctive view to the new building from the street.

DPM to Construct New JBL HQ

Newton, MA - Diversified Project Management, Inc. (DPM) announced that it has been hired by Jones & Bartlett Learning (JBL), a subsidiary of Ascend Learning, for the construction of its new headquarters and relocation into the new facility.

Jones & Bartlett Learning is planning to relocate its Sudbury and Maynard locations into over 55,000sf of space at 5 Wall Street in Burlington.

DPM is working closely with all members of the project team, including the Gutierrez Company (landlord and GC), Cube 3 Architects, Office Resources, and WB Engineering.

Consigli Completes Phase 1 of Reno

SmithEdwards Architects

Hartford, CT - Consigli Construction Co., Inc. has completed the first phase of renovations at the Wadsworth Atheneum Museum of Art in Hartford.

The oldest public art museum in the United States, Wadsworth Atheneum is listed on the National Register of Historic Places.

The completion of this first phase of construction enabled the museum to reopen its Morgan Great Hall, which was reinstalled for the first time with large-scale works from the museum’s contemporary collection.

Included within this first phase of work was the reconstruction of the east elevation (Prospect Street) Tennessee Marble parapet walls, extensive plaster repair and re-introduction of the original skylights that serve the second floor Morgan galleries. These skylights will bring natural light into the upper galleries and eastern stairwell. Extensive HVAC upgrades throughout the building have also been completed, along with envelope and roof repairs to the Goodwin and Avery buildings.

The balance of Consigli’s work for the museum involves the reconstruction of the west elevation (Main Street) marble parapet walls, introduction of the skylights, and interior upgrades to the Morgan galleries.

The comprehensive renovation is taking place across all five of the museum’s buildings and will recapture 10,000sf of refurbished gallery space to be completed at the end of 2011.

The project team includes Consigli Construction Co., Inc.’s Enfield office, the Hartford-based firm of SmithEdwards Architects, and Alan Barton, director of facilities, who is managing the project for the Wadsworth Atheneum Museum of Art.
High-Profile Feature: Marlborough Hospital

S/L/A/M, Tocci, and Marlborough Hospital Utilize IPD for New Cancer Pavilion

Marlborough, MA - Marlborough Hospital, a member of the UMass Memorial Health Care system, will be constructing a new 14,740 sf, $11.7 million cancer treatment wing to be built at the rear of the Union Street hospital. Marlborough Hospital currently offers outpatient medical oncology. The new center will contain a healing garden as well as areas for relocation of its outpatient medical oncology service and the addition of radiation oncology services, not currently available in Marlborough.

Marlborough Hospital opted to utilize integrated project delivery (IPD) to deliver the project that will result in a speedier and more cost efficient project. The Cancer Pavilion will be the first finished health care construction project in New England to use the IPD contract. Currently in the design phase, the hospital has partnered with the architectural firm The S/L/A/M Collaborative of Glastonbury, CT/Boston, and the Tocci Building Corp. of Woburn. Fitzmeyer & Tocci of Stoneham is providing MEP engineering.

IPD is a trademarked method pioneered in Florida in which key players such as the architect, technical consultants, general contractor, and subcontractors work as one group from the beginning in order to optimize project results, increase value to the owner, reduce waste, and maximize efficiency through all phases of design, fabrication, and construction of the project. A key component in the set-up for an IPD project is the joint development of a project manual, which defines how the team will achieve the project goals. The project manual includes the communication plan, project execution plan, and BIM (Building Information Model) execution plan.

The IPD team for Marlborough Hospital’s new cancer pavilion is currently in the process of refining the BIM execution plan (BEP) to determine how to use BIM on the project, and the protocols and standards required to meet those goals. The overarching goal is to leverage the BIM toward a more efficient design and delivery process.

At the project outset, Tocci coordinated a laser scan of the existing hospital; that data will be integrated into the BIM to support coordination of the addition and future BIM uses that require tie-in to GIS. The team plans on using Robotic Total Station for concrete, wall partition, and RCP hanger layout to expedite the construction schedule and increase accuracy.

The team will make use of the BIM during the design process as well. The S/L/A/M Collaborative using it to analyze and communicate design intent while Tocci extracts data to provide iterative price validation and constructability analysis.

As more content is developed in the BIM, the team will use it for basic coordination (i.e. clash detection) as well as more advanced analysis (i.e. code and clearance analysis).

As subcontractors are brought on the team, they will contribute to the modeling process: developing fabrication models that will be fully coordinated and then used to fabricate and execute work.

According to Chuck Thomsen, FAIA, FCMIA, who recently led the team that prepared the white paper on IPD for the Houston chapter of the CMAA, integrated project delivery is an approach to agreements and processes for design and construction, conceived to accommodate the intense intellectual collaboration that 21st century complex buildings require. In today’s healthcare market, using an IPD approach will allow Marlborough Hospital to conserve precious capital dollars by setting aggressive cost targets and developing a design as a team, owner, architect, and contractor that meets mutually agreed goals.

Integrated design and integrated practice can reduce much of this waste. IPD, as a project realization approach, can optimize delivery of buildings. This is enabled by new project business models such as “project alliance” type agreements. The IPD approach requires a common contractual arrangement between the owner, contractor, and designer focused on common goals. The specialized IPD agreement was surprisingly easy to put together, requiring an open discussion that allowed team members to identify and respect each entity’s goals and to establish the project as a common, shared outcome or a win-win-win situation.

Candra Szymanski, MS, RN, chief operating officer of Marlborough Hospital noted that the hospital’s goal is to provide local patient-centered comprehensive cancer care. During the initial phase of discussion it was clear that Tocci, SLAM, and the hospital all shared similar missions and visions, which facilitated a great partnership from the outset. “As a team, there will be times when we are challenged; we have discussed our approach to meeting those challenges up front based on the IPD process. We make decisions as a team at various organizational levels so that our goals remain aligned,” she said. Szymanski pointed out that “each company has been at the table since the day one, all working toward the common goal of building great patient-centered services where not all patients will necessarily come for a cure but all will come with hope of living with the best quality of life possible.”

She continued, “The hospital has been using PDCA (a Plan-Do-Check-Act lean process) for many years to continue to make patient care safer. Applying these principles to drive value and eliminate waste as part of IPD is a natural progression. Us-

The Beacon and Garden create a warm and welcoming entry to the new cancer pavilion and provide a setting that feels inviting with the use of warm woods, indirect lighting, and comfortable seating.

The Radiation Oncology area provides a setting where patients will feel more comfortable and secure in the care of close caregivers.

Continued on next page
ing BIM also helps the process by allowing healthcare experts look at a building in 2D or 3D prior to the start of construction. For example, members of the staff are able to see doors open, the walk to supplies, location of patient bathrooms, and the distance patients must walk to the treatment areas. Wasted steps are eliminated upfront and having patients on our planning team has been helpful to appreciate the challenges they face getting to treatment on a daily or weekly basis.”

The team established a meeting schedule and set up a dedicated team workshop on-site, referred to as the Big Room, to promote full team co-location and collaboration right from the start. In addition, all members were linked by a project website that also hosted the BIM model with real-time coordination of all trades. David Neal, AIA, SLAM’s Project Manager described a recent design meeting that had the design team identify areas in the BIM of the exterior skin to receive different materials and then a menu of proposed and alternate material selections which were brought to the workshop for the owner’s hands-on review. At the same time, Tocci extracted the material quantities from the model and factored in installation costs with a cost matrix in the model so that the team could review material selections against the project budget and inform the decision process from that side at the same time. “This meeting provided the decision-makers with real-time information so that a decision could be achieved quickly and also conveyed to the entire team at the same time,” he said. Traditionally this form of decision could be a back and forth that might extend through design and construction phases with a loss of time and resources for all.

This is just another benefit of the IPD process and why it looks to be the future of project delivery.

Above Oasis/below Grotto: Patients can spend time connecting with nature, converse and support each other and have a wonderful view to a healing garden.

In the evening and winter hours, the pavilion’s beacon entry glows to create a sense of hope for those who enter.
Waltham, MA - The Massachusetts Hospital Association (MHA) recently held its fifth Annual Healthcare Construction Conference, “Hospitals Going Green: Part II” at the Conference Center at Waltham Woods.

Martine Dion, AIA, LEED AP BD+C, director, USGBC Massachusetts Chapter, presented a talk entitled “LEED for Healthcare: How Can it Benefit Hospitals & Their Patients.”

David Burson, AIA, NCARB, Senior project manager, Partners HealthCare, and Deborah Rivers, AIA, LEED AP BD+C, senior associate, Perkins + Will, and Mark S Junghans, PE, principal, VHB, presented a case study on the current Partners HealthCare Spaulding Rehabilitation Hospital Project entitled “Designing with LEED & Regenerative Architecture to Promote Healing & Well-Being for Patients.”


The panel discussion on “Cost Savings & Quality Gains Around Sustainability Initiatives: Win Win Strategies For Hospitals” included presenters: Janet Brown, director, Sustainable Operations, Practice GreenHealth; Amy Lipman, environmental sustainability coordinator, Beth Israel Deaconess Medical Center; Amy Collins, M.D., co-chair MWMC Go Green Committee, MetroWest Medical Center; and Adelaida Gibson, assistant director, Food & Nutrition, MetroWest Medical Center.
Waltham, MA - This year’s MHA Healthcare Construction Conference included a case study entitled “Partners HealthCare/Spaulding Project: Designing with LEED & Regenerative Architecture to Promote Healing & Well-Being for Patients.”

It was presented by David Barson, AIA, NCARB, senior project manager of Partners HealthCare, and Deborah Rivers, AIA, LEED AP BD+C, senior associate at Perkins + Will, and Mark Junghans, P.E., principal at VHB / Vannasse Hangen Brustlin.

The new Rehabilitation Hospital on a former brownfield site will feature an eight-story building; 261,300sf above ground, 117,000sf underground; five inpatient floors; a three-floor base of outpatient, support services, and public spaces; 132 private inpatient beds; 120 adult beds, and 12 pediatric beds. Seventy-six percent of the ground floor is dedicated to program space that will be shared with the public – a café, conference rooms, gift shop, chapel and pool.

Designed as a model hospital for accessibility and barrier free design both inside and out, the latest sustainable and energy efficient technologies are incorporated, and LEED Silver certification level is currently being tracked.

Among the topics discussed were some of the major studies conducted and conclusions reached to green the facility including:

Regenerative Design: Studies to facilitate decision making include: solar shading, thermal envelope performance; insulation; percentage glazing; daylighting; natural ventilation; displacement ventilation and geo-exchange.

They discussed ways of going green in their choice and handling of building materials: material life cycle and material health to use durable materials, divert 75% of construction waste from landfills, maximize use of regional materials and materials with recycled content and use materials that reduce harm to people and the environment.

The site as therapeutic resource

Patient rooms

Continued on page 16
Partners Healthcare’s Spaulding Rehab Project: Designing with LEED

Design considerations of Architect Perkins + Will included enhanced interior environment, daylighting with sensors and controls, extensive use of interior glass in administrative and clinical areas as appropriate, open office planning to optimize daylight and views and natural ventilation in outpatient gym, daylighting in the therapy gym through extensive windows and skylights, views to the harbor from the therapy gym, natural ventilation in therapy gym, therapy garden adjacent to therapy gym that allows direct patient access to the outside.

Partners HealthCare, Perkins + Will, and construction manager Walsh Brothers, Inc., along with subcontractors and Spaulding Rehab Hospital staff members recently celebrated the topping out of the project in Charlestown.

The hospital is pursuing a LEED silver level certification in accordance with USGBC guidelines. If successful, this will be the first newly constructed hospital in New England to achieve silver level LEED.

Ranked fourth among rehabilitation hospitals by U.S. News and World Report, Spaulding Rehabilitation Hospital has steadily built a reputation as a premier facility for rehabilitative patient care and related research.

Project Team for Spaulding Rehabilitation Hospital
Architect - Perkins + Will
General Contractor - Walsh Brothers, Inc.
Civil Engineer - VHB / Vanasse Hangen Brustlin, Inc.
Landscape Architect - Copley Wolff Design Group, Inc.
Historic Consultant - Epsilon Associates
Geotechnical Engineer - Haley & Aldrich
Structural Engineers - McNamara/Salvia Inc.

Selected Subcontractors for Spaulding Rehabilitation Hospital
Lighting Designers

AKF Lighting Design
AKF provided lighting design services for both the interior and exterior spaces.

The building included two therapy swimming pools, several gyms, a conference center, parking garage, radiology suites, offices, laboratories, inpatient rooms and all associated support services. There were also several outdoor terraces to be used for therapy and relaxation space.

The project site areas included a therapy trail, a harbor walk with fishing and boating amenities, sports facilities, café and event space and a large water feature.

Project challenges included:
• Building and exterior/site lighting was designed to meet or exceed local utility company lighting power density allowable levels.
• Project designed for LEED Silver accreditation including Dark Sky initiatives and Light Pollution constraints.
• Project had to work within Partners Healthcare specific lighting criteria wherever possible.
• All available technologies were considered and a day lighting system was implemented.

AKF is proud to be a part of the
Spaulding Rehabilitation Hospital Project

AKF’s lighting design solutions for both interior and exterior spaces included daylighting systems, Dark Sky compliance, sophisticated lighting technologies and cutting-edge lighting design.

AKF Group LLC is a top 10 award-winning international MEP engineering firm serving the healthcare, higher education, mission critical, corporate, cultural, hospitality and retail markets, specializing in HVAC, electrical, plumbing, fire/ life safety, controls, central utilities, energy services, information technology, security, critical systems, commissioning, testing, lighting design and sustainable design services. The firm is headquartered in New York, NY with additional offices nationally and internationally.

For information about our Lighting Design Studio contact:
Suzanne Zweighaft, Director
E: SZweighaft@akfgroup.com T: 212.354.5656 F: 212.354.5668

AKF
Worldwide Engineering
Walsh Brothers and Partners Healthcare chose us as a preferred subcontractor for the Spaulding Rehabilitation Hospital well before construction began...

"Bring us to the table early... you’ll appreciate the savings later."
Worcester, MA - Designing for healthcare facilities requires a process that extends past architecture and design. Margulies Perruzzi Architects’ (MPA) design philosophy involves the collaborative effort of the client and design team, the use of technology to optimize design decisions, and an understanding of operational efficiencies to create a healthcare environment that facilitates and supports the health and well-being of both patients and staff. For MPA and Fallon Clinic, the largest multi-specialty group healthcare practice in central Massachusetts, the collaborative effort has produced three health facilities that achieve these goals.

For Fallon’s New England Scope center in Worcester, MPA provided the creative vision to transform a steel-frame, former warehouse and office space into a welcoming and comfortable outpatient services facility. The project team, including construction manager Consigli Construction Co., Inc., created a new building from the existing structure, reusing only the slab and steel frame to produce the new exterior and interior design. The facility was designed interactively with direct input from Fallon’s medical staff.

The new 10,000sf outpatient endoscopic center includes four procedure rooms with recovery areas, patient prep areas, waiting areas, and exam and consult rooms. MPA retrofitted the largely windowless and open structure into an intimate and circular floor plan, allowing patients to move discretely from reception, prep and procedure areas, and recovery rooms with a measure of privacy. The firm also redesigned the entrance and provided a new reception area more fitting to a medical environment. To complete the transition, ribbon windows positioned high in the walls of the recovery area add natural light and airiness without compromising patient privacy.

MPA’s team of talented architects and interior designers use an interactive design approach and cutting-edge technology, such as BIm (building information modeling) and the Lean process management philosophy, to integrate the input of those who will use the space into every aspect of the design. The term “Lean design” is the collaborative effort by all involved in any process to reduce waste, increase efficiency, eliminate redundancy, and increase value. The advantages of BIm include reducing the number of costly changes during construction, enhancing communication and coordination between project team members, and providing better visualization of the project design.

For the design of Fallon Clinic’s new ReadyMED urgent care facility in Shrewsbury, as well as a pilot “medical home” family practice in Leominster, MPA’s goal was to use Lean design, as well as BIm, to create the most efficient, organized, and streamlined atmosphere. Over the course of a weeklong meeting, MPA and Fallon worked together to understand what patients go through on a typical visit to a medical office and how an improved layout and design could improve the process and the experiences of staff and patients alike.

For both projects, MPA and Fallon used the Lean process to analyze and simplify daily functions, and used BIm to allow project team members, as well as various community stakeholders, to see the designed space in 3D. Fallon Clinic completed studies of their processes before and after redesign, and determined that as a result of MPA’s design using the Lean method, the total wait time at the Leominster family practice was cut from 33 minutes to just nine minutes. This will enable the clinic to increase throughput of patients by 31%. Because the increase in patients was facilitated through an increase in efficiency, rather than new employees or any other fixed cost, the clinic will see a 31% increase in profits. The improved layout at the ReadyMED Clinic promises an increased efficiency of 29% by reducing wasteful waiting time, lost effort, and uncertainty.

Lean process discussions and BIM-based design can help make healthcare construction less costly, as well as improve the way clinical and administrative processes are performed.
St. Francis Hosp Unveils New Tower
TRO Jung|Brannen Architects

Hartford, CT - The new 318,300sf John T. O’Connell Tower at St. Francis Hospital and Medical Center is the second of two major additions to the campus, totaling over 675,000sf, and culminates a 20 year relationship between St. Francis and TRO Jung|Brannen.

The project expands major acute-care services and provides an additional four levels of inpatient beds. Components include support services, an emergency department, surgical suite, orthopedic center, and an expanded patient care unit that includes 102 private inpatient rooms, with a unit of an additional 36 private inpatient rooms to be completed in the near future.

Working with St. Francis for over two decades, TRO Jung|Brannen developed contextual and consistent imagery for the campus architecture and interior design, resulting in a unified expression of the hospital’s brand.

Erland Begins Health Ctr. Reno.
Steffian Bradley Architects

Framingham, MA - On May 9, the project team of Erland Construction and Steffian Bradley Architects joined the owner and local representatives – including Lieutenant Governor Timothy Murray – to officially mark the start of renovations to the future location of the Edward M. Kennedy Community Health Center at 354 Waverly St. in Framingham.

Erland is renovating the existing office building into approximately 8,000sf of clinical space – nearly doubling the center’s current capacity.

When completed in early 2012, the new location will feature examination rooms, patient rooms, a laboratory, private offices for patient consultations, and staff conference rooms.

New $18.2 million Kingswood Regional School Multi-Purpose Building

When Health Care providers need their building projects to be painless, they turn to FCG.

HKS/Steffian Bradley to Design UConn Reno for University Dentists.

The new tower for the John Dempsey Hospital will include between 165 and 169 new private patient rooms, resulting in an increase in total licensed beds, and a new operating room suite with 10 to 12 rooms.

Renovations include the emergency department, dental clinics, cardiology, psychiatry, and other ancillary programs such as radiology and pharmacy services.

The tower will incorporate best practices for sustainability, achieving a minimum of LEED Silver certification.

Our mission: To provide a level of value, quality and service that is unrivaled in the construction industry.

New $18.2 million Kingswood Regional School Multi-Purpose Building Governor Wentworth Regional School District, Wolfeboro, NH

North Branch Construction, Inc.
(603) 224-3233 • FAX (603) 225-7165
www.northbranch.net

Contact us to see how we can help with your next project. (860) 829-1411
www.high-profile.com
D-H Heater Road Medical Building
Designed by Lavallee Brensinger

Lebanon, NH - The new 103,000sf Dartmouth-Hitchcock Heater Road building in Lebanon is one of the first implementation projects to result from a 2010 master plan completed by Lavallee Brensinger Architects. The new facility relocates select outpatient services to this new building, which is designed for maximum efficiency and flexibility.

Dartmouth-Hitchcock Heater Road, which is scheduled to open in the fall 2012, will house primary care, outpatient rehabilitation, functional restoration, dermatology, phlebotomy, and a sleep disorders center.

Following the nationally recognized “medical home” model, the facility will provide comprehensive patient support services in a single location including shared appointments, patient education, behavioral health, care management, a dietician, and a health coach.

While patient focus, convenience, and confidentiality are baseline requirements of all Dartmouth-Hitchcock facilities, this new medical office building aims to achieve additional benefits through even more detailed planning and design. A comprehensive simulation study was performed by Lavallee Brensinger Architects, which tested workflow and patient movement in proposed building floor plans. This unique and highly sophisticated model allowed the design team and Dartmouth-Hitchcock to test for maximum staff efficiency, as well as the optimal patient experience. Factors such as patient wait times, staff travel distances, and exam room usage were analyzed, and provided measurable datapoints from which informed design decisions could be made.

In the new building layout, clinical pods with decentralized team rooms facilitate improved staff communications while minimizing travel distances. Support spaces are conveniently located nearby, and work alcoves for providers have been included in centralized team rooms to further promote teamwork and efficiency.

The building’s exterior design character reflects the Dartmouth-Hitchcock Medical Center brand with a similar palette of materials and style. Vertical brick elements and windows define entry locations and make wayfinding more intuitive for patients and visitors. With attention to sustainable design and healthy interior environments, significant amounts of energy efficient glazing is integrated at key locations to allow natural light to penetrate deep into the building yet maintain patient privacy.

Dartmouth, NH - Construction is underway for Dartmouth-Hitchcock Nashua’s (D-H Nashua) new 152,000sf multi-specialty medical office building/ambulatory care building. The facility is designed by healthcare architects MorrisSwitzer Environments for Health.

The state-of-the-art facility will accommodate space to relocate the existing clinical and support programs currently operating in the Dartmouth-Hitchcock Nashua facilities at the East Center, the West Center, and The Squires Center as well as expanded clinical programs, such as an oncology program and space for visiting specialists.

The $35 million DHMC building is revolutionary in its design around the advanced “medical home” model, which features flexible physician practice areas void of traditional office space.

D-H Nashua medical director Sanders Burstein praised the functionality of the plan. “Physicians and nurses will be working more closely together seeing patients,” he said. “They will be working side-by-side so communication and efficiency will be a lot better. MorrisSwitzer does healthcare design, so they are putting form and function into it so that it’s easy to find your way around. Patients can expect a much more calm and welcoming reception area.”

The project team created a design which reflects Dartmouth Hitchcock’s mission of advancing health through research, education, clinical practice, and community partnerships, providing each person the best care, in the right place, at the right time, every time. MorrisSwitzer also worked to incorporate green design goals, documenting approaches to achieve environmental sustainability and including as much natural light as possible.

MorrisSwitzer Environments for Health has offices in Boston, Burlington, VT and Portland, Maine.

Simulated model of typical clinical pod

Best-In-Class Training
More Than 85 Technical Experts
Specialists In 8 Different Industries

The deepest talent pool of BIM, Revit and FM experts in the industry. With extensive AEC industry experience, we’ve been there, and can help you with everything from a simple support call to implementation and custom software development.

Call our Boston office today at 508.663.1400 or visit us online at imagin3d.com/boston

Build on your Autodesk skills like never before

Autodesk
Gold Partner
Architecture, Engineering & Construction

www.high-profile.com
Lowell, MA - Levi + Wong Design Associates, Inc. is serving as architects, landscape architects, interior designers, and facility planners for the new D’Youville Center for Advanced Therapy building located on the D’Youville Life and Wellness Community campus. D’Youville Life and Wellness Community in Lowell serves the area’s elders with dignity and respect. The campus provides adult day health, transitional rehabilitative care, special care dementia services, hospice, long term skilled nursing, and independent living apartments.

To keep D’Youville at the forefront of rehabilitative services, the Center houses both the D’Youville Center for Advanced Therapy, providing a new home for its short-term transitional rehabilitation and hospice care services, and the New England Rehabilitation Hospital at Lowell, which will provide acute rehabilitation services. This combination ensures the Center’s unique place on the continuum of healthcare.

Unlike most rehabilitation facilities that are retro-fitted into existing structures, Levi + Wong Design’s unique, state-of-the-art, rehabilitative therapy environment’s primary design philosophy was based on patient centered care and evidenced based design. Using these models, and creating one of the first LEED Silver certifiable buildings in Massachusetts, the Center is organized to facilitate patient recovery, caregiver assistance, and family involvement. The design is highlighted by contemporary, residential, hospitality design aesthetics and amenities.

Levi + Wong Design planned the building’s hillside entrance as a village-style with a residential scale, a chapel’s anchoring stone wall, a colonnade entrance façade, and a bridge terrace overlook. The outdoor rehabilitation courtyards are strategically placed for therapeutic use. The hospice suites each have access to a private courtyard, while the other programs share two outdoor therapy areas.

The building’s shell consists of simple forms like bay windows, warm wood-faced resin panels, grey metal roofing, and retaining walls of regional stonework. The floor-to-ceiling windows serve a dual purpose: to allow natural light to assist in the reduction environmental impacts during the day use, and make the western campus approachable at night.

Significant attention was paid to planning the Center and its interior design. Circulation to the two programs, located on separate floors, is centralized through an entrance atrium with a connecting stair. Programming and planning required a functional crucifix floor plan, which was only coincidental to the campus’s religious connections. The interior was further developed around the light-filled entrance atrium from which the healthcare program anchored patient wings rotate.

The Center’s open plan allows for easy circulation throughout, while maintaining patient privacy and dignity. The generous 9’-6” corridors with resting areas and even lighting lead to bountiful multi-purpose day, dining, occupational therapy and family areas. The open, multi-purpose rehabilitation gyms accommodate state-of-the-art therapy equipment.

The spacious patient rooms are also permeated with natural light via the large windows. The non clinical appearance is enhanced by the built-in storage, a color palette, the large bathrooms with open showers, built-in vanities, and storage. As dictated by their purpose, the bariatric suites have patient lifts for direct access to toilets and bathing, and the four-room hospice suite ensures situational respectfulness.

Currently registered with the USGBC, the facility has been designed to be LEED 2009 New Construction Silver certifiable. Levi + Wong Design strived to optimize energy performance in the building’s envelope, electrical, plumbing, and mechanical systems. A water source variable refrigerant (VFR) heat pump system was selected based on first cost and lifecycle cost comparisons to other mechanical systems. Electrical rebates through the utility company’s lighting program were also obtained.

Working closely with the both the client and construction manager, Cutler Associates, was easier through the use of pre constructing estimating Building Information Modeling. This process provided visualizations for quick and easy D’Youville and NERH approvals, while giving information to Cutler Associates for budgeting purposes. The client, construction manager, and our consultants found this process strengthened the design and allowed for better decision-making, a better understanding of each space, and a more streamlined process.

The Center for Advanced Therapy design team contributed to the successful design and ease of construction.

The Center for Advanced Therapy is currently under construction, the topping off ceremony was held on May 20, 2011, and will be completed in fall 2011.

D’Youville Project Team:

Construction Manager - Cutler Associates, Inc.
MEP/FP - SED Associates
Structural Engineer - LY Consulting Engineers
Civil Engineer - Noonan & McDowell
Geotechnical Engineer - McPhail Associates
Lead Consultant - The Green Engineer
Kitchen Consultant - Colburn & Guyette

www.high-profile.com
Manchester, NH - The Elliot at River’s Edge in Manchester recently celebrated its grand opening, a modern eco-friendly medical facility where a meat processing plant formerly stood. The six-level Ambulatory Care Center was built by the construction management joint venture Suffolk/Eckman, comprised of Eckman Construction Co., Inc. of Bedford and Suffolk Construction, headquartered in Boston.

The 258,000sf Ambulatory Care Center and its 976-space parking structure are the first phase of the largest private development in Manchester in decades. A planned second phase—a medical office building and a second parking garage—will follow. Future plans on the site include additional commercial and residential buildings.

Anyone who drove past the building while it was under construction would have seen a large clock next to Queen City Ave. counting down the days, hours, and minutes until the Ambulatory Care Center would be complete. A small countdown clock, installed in the project office by the joint venture as a reminder to their team of the importance of meeting the project schedule, caught the attention of the project owner and prompted the large public version. Suffolk/Eckman succeeded in achieving substantial completion before the clock reached the zero hour.

The Elliot at Rivers Edge is one of the first facilities in the country to seek certification under LEED for Healthcare, a new rating system instituted by the US Green Building Council on April 8 of this year. This new rating system is specifically designed for medical facilities, either new construction or major renovations. It can be applied to many types of medical facilities, including outpatient, long-term care facilities, medical offices, assisted living facilities, and medical education and research centers.

The top floor of the new Ambulatory Care Center is home to the Elliot one-day Surgery Center, currently with five operating suites and accompanying support areas, surrounded by hallways with spectacular views of the Queen City. A sixth operating room will be added in the future. The building also has an Urgent Care Center and a diagnostic imaging unit, including CT scan and MRI suites. Other offices located in the new building include pain management, pulmonary medicine, endoscopy, physical rehabilitation, cardiac rehabilitation, and a center for sleep evaluation.

The project is located on the eastern bank of the Merrimack River in southern Manchester, on the site of the former Jac-Pac/Tyson Foods meat processing plant. Cleaning up the designated brownfield site set the project on the path to LEED certification before construction.

The diagnostic imaging unit includes a CT Scan

Continued on next page

Selected Subcontractors for Elliot at River’s Edge

Determined and Proud

We are determined to do our best on every aspect of every job, and take pride in the results. This commitment to quality is what drives the Griffin team as we continually work to earn our clients’ recognition and respect.

Corporate Headquarters:
116 Hopping Brook Road
Holliston, MA 01746
(508) 429-8830

Regional Offices:
Charlotte, NC
Raleigh, NC
Duluth, GA
Pelham, AL

www.waynejgriffinelectric.com
During construction, an indoor air quality management plan ensured that all materials remained clean, dry, and free of contaminants. Additionally, all subcontractors and site personnel participated in an ongoing site-cleaning program throughout the project. A white roof on the building and the inclusion of a parking garage help to reduce heat island effects.

Low-emitting materials, including adhesives, paint, and carpet, were utilized to ensure continued high air quality in the completed building. Materials with recycled content and/or regionally sourced materials were utilized by 22 of 26 participating subcontractors, and facilities were included for the owner to maintain an onsite-recycling program. A waste-management plan diverted more than 75% of construction waste from landfills.

“Eckman takes great pride in the beautiful Elliot at Rivers Edge building. Our staff stays at the forefront of green building technologies, and we are pleased to work with a team and an owner who also value sustainability,” said Mark Walsh, CEO of Eckman Construction.

Dick Anagnost of Manchester was the project developer for Elliot Health Systems, and the architect was Cube 3 Studio of Lawrence, Mass. and Cumberland, R.I.
Dellbrook Construction is Committed to Creating Living Environments that Promote Health & Vitality
Dellbrook Construction is committed to creating living environments that promote health & vitality.

- Financially Strong
- Diverse Team Expertise
- Preconstruction Support
- Construction Management
- Sustainable Building Practices

Ed Dann
Vice President, Business Development
536 Granite Street
Braintree, MA 02184
edann@dellbrook.com
781.380.1608
www.dellbrook.com
Winchester Hospital Breaks Ground
DiGiorgio Associates Architect

Winchester, MA - Winchester Hospital broke ground on its new ambulatory surgery center, as well as celebrating the 100th anniversary of the hospital and its newly launched second century campaign.

DiGiorgio Associates Inc. (DAI), based out of Boston, was selected as the architect and engineer for the design of this new ambulatory surgery center. The 31,200sf state-of-the-art facility will be patient focused, providing comprehensive services to meet the increased demand for outpatient surgical services. Services to be provided include orthopedic, hand, pediatrics, urology, gynecology and otolaryngology surgery.

The new building will be located approximately one mile from the hospital’s main campus and will consist of two floors. The first floor of the building will house four class “C” operating rooms, a radiographic room, a preadmission testing suite with two blood draw stations and four exam rooms, clinical support services, a lobby, and a coffee shop. Building support services are located on the second floor. There is a covered walkway in the rear for staff and service connection between the ASC and the Cancer Center.

The building lobby will have a curved ceiling and front desk, stone floor, wood panels, indirect light and even a fireplace. Seating is arranged in small clusters to promote privacy. The interior design intent is to create a hotel-like environment to reduce stress and enhance relaxation for patients and families. Exterior colors were selected to reinforce the off-site identity of this project.

The hospital registered this project with the USGBC and will receive a LEED Gold rating. Sustainable features include using high efficiency heat, ventilating and air conditioning systems incorporating energy recovery devices to reduce operating costs and a high level of control points to increase thermal comfort control, water efficient plumbing fixtures, and a light color roof to reduce heat island effect. Exterior light fixtures were selected to limit light pollution, and nonpotable water is used for irrigation. Interior finishes and materials have high recyclable contents, made of certified wood and rapid renewable materials. Paints and adhesives with low volatile compound are also used.

DAI has been working with Winchester Hospital for over a decade to help them meet the needs associated with the constantly changing healthcare industry and is proud to continue their affiliation on this exciting new project.

The interior design intent is to create a hotel-like environment.

View of the building lobby with curved ceiling and fireplace

MorrisSwitzer to Design SVHC

Bennington, VT - Southwestern Vermont Health Care (SVHC), a new affiliate of Dartmouth-Hitchcock Health, has selected MorrisSwitzer Environments for Health to provide planning and design services for the development of its Master Facilities Plan that would modernize its campus to meet the healthcare needs of the community it serves.

SVHC is comprised of Southwestern Vermont Medical Center, a 99-bed community hospital; The Centers for Living & Rehabilitation, a 150-bed nursing facility that includes special units for short-term rehabilitation, long-term care and for residents with Alzheimer’s disease; Visiting Nurse Association & Hospice, providing home nursing and rehabilitation services, as well as Bennington’s only Medicare-certified hospice program; Southwestern Vermont Regional Cancer Center, a full-service cancer center offering chemotherapy, the latest in radiation therapy, and access to clinical trials approved by the National Cancer Institute; SVMC Northshire Campus, providing primary care in the Manchester, VT, area and SVMC Deerfield Valley Campus, providing primary care in the Deerfield Valley of Vermont.

View of the building with curved ceiling and fireplace

B.L. MAKEPEACE
www.makepeace.com • (800) 835-0194

Océ PlotWave 300

All-In-One Large Format Monochrome System
Dual-roll Copy • Print • Color Scan System
4 D-size prints per minute

new from HP!

HP Designjet T2300 eMFP and ePrint & Share
COPY • PRINT • SCAN IN COLOR
Dual-roll 2 D-size prints per minute

Canon iPF750 MFP
Technical & Graphics Large Format Color Printers
2 D-size prints per minute

Give us a call for current promotional pricing
CREATING APPROPRIATE FACILITIES

Planning • Architecture • Engineering
Interior Design • Construction Management
Design / Build

DIGIORGIO ASSOCIATES INC.
MONITOR BUILDERS INC.

225 Friend Street . Boston . MA . 02114
617.723.7100        www.dai-boston.com
617.523.9300        www.mbi-boston.com
Fortunato Construction Group

Kensington, CT - Fortunato Construction Group of Kensington is currently working on more than 15,500sf of renovations and new construction of two dialysis centers located in Milford and Webster, Mass.

Both centers are in full operation and create the unique requirements for scheduling of all construction activities without disruption of daily services to the patients.

Early morning shifts, evenings and weekends help facilitate a timely construction schedule, along with temporary relocation of services, allowing sections of the buildings to be completed and re-occupied as necessary.

Both facilities have an anticipated July 1 completion date and are owned by Fresenius, Inc., which operates numerous centers throughout New England. They have used FCG on nine projects during the past several years, relying upon their excellent construction management skills.

Project architects on the Milford and Webster dialysis centers are Nelson and Black Cow Architects of Boston and George A. Roman and Associates of Wellesley, Mass., respectively.

Fortunato, established since 1989, has an extensive track record of completing new and renovated state-of-the-art dialysis centers. Nine facilities have now been built or are under construction throughout the northeast.

Timely completion is a critical component of these projects to allow for the prompt delivery of services as patients are able to access daily walk-in dialysis treatment and services with a full complement of trained professional staff and innovative equipment.

Since 2004, Fortunato Construction Group has been building and renovating surgical facilities for the Naugatuck Valley Surgical Center in Waterbury.

During the past 20 years, Fortunato also has become well known in the area of restaurant and retail construction, having established itself with many long term relationships and hundreds of projects with prominent national and regional restaurants and retailers.

Varian IX Linear Accelerator at St. Elizabeth’s Radiation Oncology Center.

Two new dialysis centers are in full operation.

RFWalsh completes medical projects

Boston - RFWalsh collaborative partners announced the completion of two projects for Steward Health Care System, undertaken as part of a five-site initiative involving concurrent new construction and renovation projects at five Steward hospitals. Steward Health Care System acquired Caritas Christi Health Care System in November 2010.

The new Radiation Oncology Center at St. Elizabeth’s Medical Center offers cutting-edge technology for the treatment of cancer and is located on the second floor of the William F. Connell Pavilion, completed in 2009, for which RFWalsh collaborative partners was the owner’s project manager. S/L/A/M Architects, Inc. was the architect for the project.

St. Elizabeth’s and Steward Health Care System invested $10.3 million in building the new 10,500sf Radiation Oncology Center. The project improves and

Continued on page 38
North Branch Completes Rehab Hospital

Portsmouth, NH - North Branch Construction, Inc. of Concord has completed construction of the new Northeast Rehabilitation Hospital at the Pease Tradeport Campus in Portsmouth. This 46,000sf, 33 bed, two-story facility designed by JSA, Inc. of Portsmouth is the third inpatient hospital for the Northeast Rehabilitation Health Network, with two other facilities located in Salem and Nashua. The official ribbon cutting ceremony for the new Northeast Rehabilitation Hospital is scheduled for June 9.

The new inpatient acute rehabilitation hospital is ready for occupancy and will serve the needs of the seacoast of New Hampshire, Maine and Massachusetts. The new facility features an interior park complete with a full sized car, trolley replica, mini-market, and movie theater seating to aid in retraining patients to interact with these items as well as an exterior park featuring a footbridge, an incline ramp with rails, and a variety of surface materials (concrete, stone dust, brick pavers and crushed stone) for patients learning to walk on these different types of materials.

The Northeast Rehabilitation Health Network also has several outpatient locations throughout the Merrimack Valley in Massachusetts and southern New Hampshire. North Branch Construction has completed several medical facility projects for clients including Dartmouth Hitchcock Hospital and Concord Hospital. The company currently is working on a project located in Nashua for Lamprey Healthcare and that will be completed this summer.

New Northeast Rehabilitation Hospital is scheduled for ribbon cutting ceremony on June 9

Exterior park, under construction, will feature a footbridge, an incline ramp with rails and a variety of surface materials (concrete, stone dust, brick pavers and crushed stone) for patients learning to walk on these different types of materials.

Selected Subcontractors for Northeast Rehabilitation Hospital

Owner - Northeast Rehabilitation Hospital
Construction Manager - North Branch Construction
Architect - JSA Architects
Civil Engineer - Appledore Engineering, Inc.
Landscape Architect - HBLA Inc.
Structural Engineer - JSN Associates, Inc.
Mechanical/Plumbing Engineers - Environmental Design Engineering
Electrical Engineer - DiLorio Engineers, Inc.
Kitchen / Laundry Consultant - Crabtree McGrath Associates, Inc.
Specifications - Wil-Spec, LLC.

North Branch completes Rehab hospital

Trolley replica located in the interior park is one of the items which will aid in retraining patients

Steel Fabricator

The strength of steel.
The quality of Multi-Weld.

Multi-Weld Services, Inc.
153 Riverside Drive
Contoocook, NH 03229
Phone: (603) 746-4604
Fax: (603) 746-5114
www.multi-weld.com

Aluminum, Glazing & Panels

Aluminum Windows • Entrances • Storefronts
Curtain Walls • Slopes & Skylights
Aluminum Composite Panels

GRANITE STATE GLASS

Congratulations to North Branch Construction

4 Aviation Drive • Gilford, NH 03249-6600
Tel: (603) 528-4748 • www.granitestateglass.com

Major Appliance Supplier

Congratulations North Branch Construction
On the Northeast Rehabilitation Hospital Project

- Major Brand Appliances, Air Conditioners
- Single units to entire projects
- Commercial laundry equipment
- Job site delivery available
- Immediate access to inventory

212 Canco Road • Portland, ME 04103
800-341-078  www.nelsonsmall.com
High-Profile Feature: Hartford Hospital

Hartford Hospital Completes ERC Renos

by Robert Amatuli

Hartford, CT - Later this month, Hartford Hospital will celebrate the completion of the final phase of construction at the Educational Resource Center (ERC) on Hartford Hospital’s downtown campus. The renovations to Heublein Hall’s lobby and support conference rooms, a combined 4,000sf lobby/breakout area to the main presentation hall, completes the phased 35,000sf upgrades of this circa 1960s precast and brick facility.

Tecton Architects, Inc. and its design team engineers at van Zelm Engineers (MEP) and Szewczak Associates (structural) worked closely to complete the multi-phased renovations with FIP Construction, the project construction manager.

Formerly the Nursing School for Hartford Hospital, the ERC is now home to the world-renowned Center for Education, Simulation and Innovation (CESI), a state-of-the-art “simulation center” designed to give students, clinicians, and physicians cutting-edge opportunities in advanced medical education to train and perfect their simulated skills prior to applying acquired theory on actual patients without practice.

Hartford Hospital’s Educational Resource Center.

It is also a platform for continued certification and education on the continually evolving procedures and discoveries in the medical field using life-sized, fully responsive computerized mannequins that replicate all responses of the human body.

Tecton’s leadership in evidenced based design engaged the team during the planning state of the project. The team did exhaustive research into the current and future development of training techniques and equipment, as the team visited two sites in Houston, and Cambridge to test knowledge gained against lessons learned.

Work at the Educational Resource Center began modestly enough with the renovations to a lecture hall and north lounge where finish upgrades would come standard throughout the building. Cherrywood columns and modern lighting replaced the once austere and outdated fixtures, while parquet wood flooring was restored to its original glory.

In the next phases, Tecton began in earnest to design what would become one of the most advanced robotic surgery centers in New England. Located on the second floor of the three-story building (the third floor is home to the center’s library), Tecton completely redesigned the former school while it remained occupied. Maintaining school and lecture schedules without interruption required multiple phased design and construction techniques. An abatement plan was carefully crafted for phased removal during construction to maintain an undisturbed school curriculum. Interim life safety and infection control were always of paramount concern to the hospital as well as the architectural, engineering, and construction staff.

The building itself posed a number of challenges as it revealed pre-existing conditions. The building envelope had been breached in several places and existing single-paned windows were experiencing thermal breaks. The team’s solution secured the exterior envelope from water intrusion and replaced the fenestration with double-paned, thermal windows. As you can imagine, the aging infrastructure posed challenges for the design team as Tecton upgraded and replaced current mechanical, electrical and plumbing systems in order to bring the building up to

Continued on next page

Proud to support Hartford Hospital

Providing over 40 years of experience in the comprehensive construction of academic, manufacturing, research and development, healthcare and special interest facilities.

www.high-profile.com
June, 2011

High-Profile Feature: Hartford Hospital

Continued from previous page

modern codes and use requirements.

Ultimately, the design provided Hartford Hospital with five simulation procedures rooms with fixed and movable equipment simulator areas. CESI is divided into three areas of study – procedure labs, task training labs, and classrooms. From individual control rooms at each of the five labs – Operating, ED/Trauma, Intensive Care Unit, Labor & Delivery, and Resuscitation – students, clinicians, and physicians are put through the paces, introducing smoke (vapor), noise (helicopters and rescue vehicles sirens), complete darkness, and patients arresting with heart stoppages or major bleeding. You name it, they simulate it. The task training labs provide endoscopic, orthotic, intubation, suturing, robotic training using a dual console da Vinci Surgical robot and more.

Labs and classrooms with flat-panel touch screens and smart boards are part of the instructor’s tools in educating where they are able to review and critique live streaming and video-taped procedures.

As partners with Hartford Hospital, our team worked in concert to develop an expandable program with an organic flow of projected space. As funding became available earlier than expected through a very handsome donation, we were able to move forward without redesigning or rethinking the project. Tecton Architects, Inc. and our engineering partners at van Zelm Engineers and Szewczak Associates are proud to support Hartford Hospital in their innovative mission to create a CESI focused on providing a higher standard of care for patients now and in the future.

Robert Amatuli, AIA, principal, is Tecton’s director of healthcare design.

FIP Renovations at Hartford Hospital

FIP recently completed overseeing 15 different extensive renovations projects for Hartford Hospital totalling over 80,000sf. FIP was charged with coordinating all aspects of construction and logistics planning for work in six different buildings during the course of 15 months at Hartford Hospital.

Projects ranged from complete facelifts to the main entry lobbies in Jefferson, High and Conklin Buildings, an expansion to the emergency department, extensive updates to their cancer center patient waiting areas. Other projects included acute care changes to the intensive care floors, and a complete modernization of a 30 bed, 20,000sf medical floor on the Conklin’s building second level.

Renovations included a refurbishment of the Heublein Hall’s conferencing complex and complete renovation of an 18,000sf medical training and robotic simulation center.

All of the 100,000 plus man hours of construction work had to take place without complete shutdown of any main entrances or egress paths. With nearly 10,000 staff and patients using Hartford Hospital on a daily basis, intensive logistic planning with the hospital staff was required to implement the construction activities. Temporary construction phasing, wayfinding, and three-crew shifting times were essential to the successful outcome.

FIP construction worked with the designers of Tecton Architects and Shepley Bullfinch on the various projects.

FIP is currently working on several new phases of work in Hartford Hospital’s continued vision to improve healthcare to the public.

Project Team for Hartford Hospital

Owner - Hartford Hospital (Hartford Healthcare Partner)
Architect - Tecton Architects Inc.
General Contractor - FIP Construction
M/E/P Engineer - van Zelm Engineers
Structural Engineer - Szewczak Associates Consulting Engineers

Distinctive, efficient and functional healthcare spaces.

The high quality of healthcare you provide is maintained through continuous innovation and advancements — supported by training, experience and leadership.

At Tecton Architects, we implement similar measures in designing healthcare environments that are comforting and healing, yet highly technical and efficient — responding to the needs of both patients and caregivers.

Contact Tecton Architects today to learn more about our approach to Healthcare Design.

Selected Subcontractors for Hartford Hospital

M.E.P. Engineer

VANZELM Engineers

Mechanical & Electrical Engineering Consultation and Design Since 1930

www.vanzelm.com

Contact Tecton Architects today to learn more about our approach to Healthcare Design.

www.high-profile.com
Corcoran to Develop Apartments
Russell, Scott Steedle and Capone Architect

South Weymouth, MA – New England’s newest community and a national model of smart growth and transit-oriented development is growing again. John M. Corcoran & Co. announced that it will develop 226 units of apartment housing and 8,700sf of first-floor retail space at SouthField Highlands, the community’s first residential neighborhood located only a short walk to the on-site South Weymouth commuter rail station.

The project will have a total development cost of $44.6 million, produce 200 construction jobs, and generate $1.39 million in so-called host community payments from the developer LNR to Weymouth, Rockland, and Abington. Corcoran plans to begin construction in May, and the first residents are expected to move in during the spring of 2012.

The architect is Russell, Scott Steedle and Capone of Cambridge.

Sixty single-family, townhouse, and garden court homes are currently under construction at SouthField by two South Shore custom homebuilders, Whitman Homes and Interactive Building Group, and Rogerson Communities is scheduled to begin construction on the William B. Rice Eventide senior independent living and skilled nursing facility. SouthField’s first residents are expected to move in this summer.

The Corcoran project will feature 226 studio, one-, two-, and three-bedroom apartment homes, featuring fine interior details such as Berber carpets, washer-dryers, ceramic tile, and crown molding. On-site amenities will include a full fitness facility, swimming pool, community room, indoor parking, and access to the award-winning SouthField development. In keeping with the green vision of SouthField, Corcoran intends to certify the apartment homes with the US Green Building Council under its Leadership in Energy Efficient Design requirements.

Formerly the site of the South Weymouth Naval Air Station, SouthField will feature, at full build-out, 2,855 units of housing and 2 million sf of commercial and retail space, more than 1,000 acres of neighborhood parks and dedicated open space, a links style golf course, and a $30 million indoor/outdoor sports and recreation complex to be developed by former Red Sox general manager Dan Duquette and soccer star Kristine Lilly.

Charlesview Apts Relo and Reno

Allston, MA - The Community Builders, Inc. (TCB), on behalf of its development partner, Charlesview, Inc., has negotiated a land swap along with financial resources to effectuate the relocation and reconstruction of Charlesview Apartments in Allston. This is a 213 unit low- and moderate-income housing development created through Urban Renewal in 1970, supported by a 200-unit Section 8 Project Based Assistance Contract. The property is physically obsolete and in need of redevelopment.

Co-owners of the property are The Community Builders, Inc. (TCB) and Charlesview, Inc.

The Community Builders, Inc. is the developer.

Charlesview Apartments is owned by Charlesview, Inc., an interdenominational faith-based, 501(c)(3) nonprofit organization having Charlesview Apartments as a single asset.

The relocation portion of the replacement strategy includes increasing the existing housing program to 240 family rental units, including a range of unit types from one-bedroom flats to four-bedroom townhouses, accommodating a variety of family types and sizes. The redevelopment site is less than a half mile from its current location, on an eight-acre portion of the site of the Brighton Mills Shopping Center.

The design incorporates the traditional neighborhood street grid and building types to seamlessly blend into the surrounding community. The overall redevelopment program includes significant infrastructure and open space. The program includes approximately 25,000gsf of space for commercial and community uses, new streets and parks, and underground parking for 243 cars. One hundred units of homeownership housing will be built on adjacent parcels as part of the future mixed-tenure community.

The financial packaging includes Tax Exempt Bond/4% LIHTC financing that will generate $27 million in LIHTC equity, a replacement cost contribution from Harvard University, approximately $45 million in debt leveraged from the portion of the Section 8 contract to the new site and $2 million in soft gap financing from the state.

EIFS Stucco

Professional Exterior and Interior Construction Services
Preventative Maintenance—Fully Insured
1-800.722.6112 PropertyPro Restoration
www.propertyprorestoration.com

MUNRO DISTRIBUTING
Clean Energy & Electrical Solutions
Free Commercial Fire System Design and Supply
We offer turnkey Commercial Fire System Design and Supply
Contact us today
Bridgeport, CT - St. Vincent’s Medical Center in Bridgeport has humble beginnings that go back to 1905 when the first building opened its doors. The original building was replaced in the mid 70s.

Now, again, St. Vincent’s needs to expand and is adding 125,000sf of new construction and renovating another 125,000sf. Just the expanded and refurbished emergency department alone adds 60 beds with the capacity to treat 80,000 patients a year.

This expansion is welcome and sorely needed, but now space is limited. The only viable space to expand into is the existing parking lot and that creates a new problem: where to park?

The solution is a seven level, 179,962sf parking structure that adds 614 spaces, but time is short and the parking structure not only has to fit into the neighborhood aesthetically but has to harmonize with the existing medical center buildings. The parking structure includes a separate area for doctors to park in, giving them closer access to the medical center.

The project was able to be bid out to precast suppliers at ‘design development’ stage, this was critical to schedule performance for the St. Vincent’s Medical Center, located in Bridgeport, CT, as strain on the existing parking spaces was at a dire level. “Precast concrete building in just four months, now that is getting the job done!”

John Hawley, project executive with Gilbane Building Company elaborates on the reasons for choosing precast concrete to meet schedule demands.

“Precast concrete was critical to schedule performance for the St. Vincent’s project. The project was able to be bid out to precast suppliers at ‘design development’ level drawings from the design team. The precast supplier was then hired to provide ‘design assist’ services to make sure that the final garage design and precast shop drawings could proceed simultaneously.”

Bringing the project’s precast concrete supplier, Blakeslee Prestress, onto the team early allowed them to elaborate on the aesthetic options while tackling scheduling issues early on. This team effort was invaluable to getting this parking structure built in just four months, as strain on the existing parking spaces was already critical.

Precast was the top choice for aesthetic reasons too. David Vander Wal, PE and vice president with Walker Parking, the project’s consultants, said that the “main driver (for using precast concrete) was the need to provide a nice-looking transition from the residential housing across the street to the hospital.” According to Vander Wal, precast concrete with a brick clad façade was also a cost-effective solution. This type of façade is achieved by placing ¾” brick tile into a form. The concrete is then poured on top, locking the brick tile into place and giving the look of a beautiful brick wall with the added strength and low maintenance of a precast concrete panel.

The white thin brick façade and overall parking structure design blends with the cohesive look of the entire medical center campus.

The attributes of precast concrete parking structures include its durability, corrosion-resistance, fire resistance, and its need for minimal maintenance. Concrete uses recycled fly ash, which would otherwise end up in a landfill, and can be recycled at the end of its exceedingly long life. A precast parking structure can be built using little more than a building’s footprint, making it a perfect solution for cramped urban areas. Timing is everything and speed is at the top of the list for precast concrete. From concept to over 600 parking spaces in four months, now that is getting the job done!

It’s no wonder that precast concrete is being used for more parking structures than any other building system.

Precast concrete with a brick clad façade is a cost-effective solution to parking. The cohesive look of the entire medical center campus with the attributes of precast concrete make it an ideal choice for St. Vincent’s Medical Center parking garage.
North Branch, N.H. - North Branch Construction of Concord has completed the first building turnover in Phase 2 of the Kingswood Regional School Campus’s multi-school additions and renovations project. The new Automotive and Agricultural Building will serve students enrolled in the Agri-Science and Automotive Service Technology programs offered by the vocational school.

This is the first of 25 areas to be finished for Phase 2 of the extensive high school, middle school, and vocational school construction project by the fall 2012 completion deadline. A considerable amount of work is expected to take place this summer when students are off campus including asbestos abatement, replacing electric service, and installing geothermal cooling and heating on-site to all three schools.

The new agricultural building will serve students enrolled in agri-science service technology.

Malebore, N.H. - Wolfeboro, N.H. - North Branch Construction of Concord has completed the first building turnover in Phase 2 of the Kingswood Regional School Campus’s multi-school additions and renovations project. The new Automotive and Agricultural Building will serve students enrolled in the Agri-Science and Automotive Service Technology programs offered by the vocational school.

This is the first of 25 areas to be finished for Phase 2 of the extensive high school, middle school, and vocational school construction project by the fall 2012 completion deadline. A considerable amount of work is expected to take place this summer when students are off campus including asbestos abatement, replacing electric service, and installing geothermal cooling and heating on-site to all three schools.

The new agricultural building will serve students enrolled in agri-science service technology.

No. Branch Completes First School Bldg.
CMK Architects

North Branch also looks forward to presenting a brand new administration building addition along with a renovated kitchen for the middle school and renovated gymnasia for both the middle and high school for the start of the school year. Upon the students’ return this fall, North Branch and town officials, along with CMK Architects of Manchester, will continue to work together to creatively schedule building occupancy while maintaining student safety as their first priority.

Detailed coordination between the Governor Wentworth Regional School District, three school principals, and the construction manager and architect each week has been vital in relocating students and furnishings to accommodate both a busy construction schedule and occupied school campuses.

The new agricultural building will serve students enrolled in agri-science service technology.

The final steel beam is placed at the Mass. College of Art and Design residence hall topping off.

Boston - Suffolk Construction recently celebrated the topping off of the Massachusetts College of Art and Design residence hall project on Huntington Avenue in Boston. The project team joined university officials to recognize the placing of the final steel beam on the $61 million, 21-story MassArt facility, which will add 493 beds and 145,000sf of dormitory space to the school campus. The project is on schedule to be completed in May 2012.

The new residence hall will feature a sustainable design strategy to achieve LEED certification, demonstrating Suffolk and MassArt’s continuing commitment to leadership in green building and development. The dormitory will also include a new health center that will serve students of MassArt, the Massachusetts College of Pharmacy and Health Sciences, and Wentworth Institute of Technology.

The Massachusetts State College Building Authority (MSCBA) is the project developer for the new MassArt residence hall, and ADD Inc is the architect. This MassArt project is the first high-rise residence hall project for the MSCBA.

The residence hall will be a critical element to the multi-stage development of the MassArt campus. Once completed, the building will allow the college to guarantee housing to all first- and second-year students and will provide housing to 38% of the entire student body on campus, a marked increase from the current 22%. The new residence hall is one of four capital projects scheduled at MassArt over the next several years, which include a new media center, campus center, and renovated galleries.

Suffolk Celebrates MassArt Topping Off

BOSTON - Suffolk Construction recently celebrated the topping off of the Massachusetts College of Art and Design residence hall project on Huntington Avenue in Boston. The project team joined university officials to recognize the placing of the final steel beam on the $61 million, 21-story MassArt facility, which will add 493 beds and 145,000sf of dormitory space to the school campus. The project is on schedule to be completed in May 2012.

The new residence hall will feature a sustainable design strategy to achieve LEED certification, demonstrating Suffolk and MassArt’s continuing commitment to leadership in green building and development. The dormitory will also include a new health center that will serve students of MassArt, the Massachusetts College of Pharmacy and Health Sciences, and Wentworth Institute of Technology.

The Massachusetts State College Building Authority (MSCBA) is the project developer for the new MassArt residence hall, and ADD Inc is the architect. This MassArt project is the first high-rise residence hall project for the MSCBA.

The residence hall will be a critical element to the multi-stage development of the MassArt campus. Once completed, the building will allow the college to guarantee housing to all first- and second-year students and will provide housing to 38% of the entire student body on campus, a marked increase from the current 22%. The new residence hall is one of four capital projects scheduled at MassArt over the next several years, which include a new media center, campus center, and renovated galleries.

Photographer Glenn Kulbako

Boston - Suffolk Construction recently celebrated the topping off of the Massachusetts College of Art and Design residence hall project on Huntington Avenue in Boston. The project team joined university officials to recognize the placing of the final steel beam on the $61 million, 21-story MassArt facility, which will add 493 beds and 145,000sf of dormitory space to the school campus. The project is on schedule to be completed in May 2012.

The new residence hall will feature a sustainable design strategy to achieve LEED certification, demonstrating Suffolk and MassArt’s continuing commitment to leadership in green building and development. The dormitory will also include a new health center that will serve students of MassArt, the Massachusetts College of Pharmacy and Health Sciences, and Wentworth Institute of Technology.

The Massachusetts State College Building Authority (MSCBA) is the project developer for the new MassArt residence hall, and ADD Inc is the architect. This MassArt project is the first high-rise residence hall project for the MSCBA.

The residence hall will be a critical element to the multi-stage development of the MassArt campus. Once completed, the building will allow the college to guarantee housing to all first- and second-year students and will provide housing to 38% of the entire student body on campus, a marked increase from the current 22%. The new residence hall is one of four capital projects scheduled at MassArt over the next several years, which include a new media center, campus center, and renovated galleries.

Suffolk Celebrates MassArt Topping Off

Boston - Suffolk Construction recently celebrated the topping off of the Massachusetts College of Art and Design residence hall project on Huntington Avenue in Boston. The project team joined university officials to recognize the placing of the final steel beam on the $61 million, 21-story MassArt facility, which will add 493 beds and 145,000sf of dormitory space to the school campus. The project is on schedule to be completed in May 2012.

The new residence hall will feature a sustainable design strategy to achieve LEED certification, demonstrating Suffolk and MassArt’s continuing commitment to leadership in green building and development. The dormitory will also include a new health center that will serve students of MassArt, the Massachusetts College of Pharmacy and Health Sciences, and Wentworth Institute of Technology.

The Massachusetts State College Building Authority (MSCBA) is the project developer for the new MassArt residence hall, and ADD Inc is the architect. This MassArt project is the first high-rise residence hall project for the MSCBA.

The residence hall will be a critical element to the multi-stage development of the MassArt campus. Once completed, the building will allow the college to guarantee housing to all first- and second-year students and will provide housing to 38% of the entire student body on campus, a marked increase from the current 22%. The new residence hall is one of four capital projects scheduled at MassArt over the next several years, which include a new media center, campus center, and renovated galleries.
Existing Conditions
As-built Drawings 2-D/3-D
3-D Models & BIM
3D Laser Scanning
BOMA & Square Foot Calculations

Providing Architects, Engineers, Building Owners and Real Estate Professionals with the most accurate as-built documentation and Building Information Models.
Framing Under Way for School Building
Pro Con CM, Lavallee Brensinger Architects

Manchester, NH – The wood framing is under way for the Derryfield School’s new Gateway Building, located at 2108 North River Road. Lavallee Brensinger Architects is the architect, and Pro Con Inc. is the construction manager for the $1.2 million project, funded in part through a grant from New Hampshire Community Development Finance Authority. The Gateway Building is replacing the Art House, which was formerly located on the site and was razed in early January.

“The foundations and the first floor decking are in place,” stated the project manager for Pro Con Inc. “The wood framing, which is expected to be completed in early May, is progressing quickly and then we will begin the mechanicals and drywall installation.”

The new 8,132sf Gateway Building, which is considered to be the “front door” to the Derryfield School, was designed and is being constructed using energy efficiency specifications to reduce energy consumption. The two-level building will have two classroom/seminar spaces, offices for Breakthrough Manchester at The Derryfield School, administrative support space for the school’s community service and global education programs, and improved admission, business office, and advancement spaces.

Pro Con, Inc. has scheduled a July 2011 completion date for the Gateway Building. New paved pathways will connect the Gateway Building to the other campus facilities and new rock retaining walls have been constructed.

Shawmut to Build Environmental Ctr
Robert A.M. Stern Architects

Wallingford, CT - Shawmut Design and Construction, located in New Haven, has been selected to build the Kohler Environmental Center at Choate Rosemary Hall in Wallingford. The Kohler Environmental Center, designed by architectural firm Robert A.M. Stern Architects, LLP, is a 32,000sf timber and fieldstone academic center that will provide an interdisciplinary focus on sustainability and the environment.

“The Kohler Environmental Center represents a true commitment to sustainable living,” said James S. Ansara, chairman of Shawmut Design and Construction, and a class of ’76 Choate student. “Shawmut is honored to play a leading role in the construction of this revolutionary academic center.”

The Kohler Environmental Center will be constructed on 266 acres of undeveloped land north and east of Choate’s main campus in Wallingford and will function as a working laboratory. The building will also include classrooms and seminar rooms, as well as a residential facility with a kitchen that will house two faculty apartments, up to 20 students, visiting researchers, graduate students, and scholars-in-residence.

The Kohler Environmental Center is designed to achieve LEED platinum certification from the US Green Building Council – a first for the Choate community – and a net-zero energy usage rating through an on-site, 290 kilowatt, solar photovoltaic (PV) array. Design elements also include geothermal, solar hot water, as well as super-insulated walls and roof.

Construction of the Kohler Environmental Center will be primarily funded through a generous donation by Herbert V. Kohler, Jr., chairman of Choate Rosemary Hall’s board of trustees and chairman and CEO of Kohler Co. Construction is scheduled to be completed in summer 2012, with classes beginning during the 2012-2013 school year.
REGISTER TODAY!

ASHE 48th Annual
Conference & Technical Exhibition
Seattle • July 17-20, 2011

INFORMATION
- Codes and Standards Updates
- Leadership development
- Infection Prevention

INNOVATION
- Health facility commissioning
- Energy efficiencies
- New technology

INTERACTION
- Annual Business meeting
- Regional breakfasts
- Exhibit hall Networking

Register by June 14, 2011
to take advantage
of the early-bird
registration fee

www.ashe.org/annual
Fall River, MA - Columbia Construction has begun construction of a 78,000sf community health center for HealthFirst, in Fall River. The scope includes the gut renovation of an existing single-story building, with a mezzanine. The health center’s future home – located at 387 Quarry Street – was formerly owned by Quaker Manufacturing, which is located less than a quarter of a mile away from its current location. Skanska USA will serve as project manager. Steffian Bradley Architects is the designer.

“This once-in-a-lifetime renovation opportunity will provide HealthFirst Family Care Center’s patients and staff with a state-of-the-art healthcare facility,” stated HealthFirst’s CEO, Julie Almond.

HealthFirst Family Care Center is being designed and built as an environmentally friendly and energy-efficient facility, and will provide improved patient flow and ample parking.

This project has been made possible by an $11.5m grant from the Facility Investment Program under the American Recovery and Reinvestment Act of 2009. The estimated construction cost of HealthFirst’s expansion project is $8 million. The new location allows HealthFirst to consolidate and expand their services in a contemporary setting that meets current healthcare standards.

The health center currently serves approximately 6,000 plus patients per year in its cramped 10,000sf facility located at 102 County Street. In its new space, the number of medical exam rooms will increase from 13 to 27 and the number of dental operators will grow from five to nine.

The health center is scheduled for completion in December 2011. Additional team members include Thompson Consultants, Inc., as the MEP engineer; and Goldstein-Milano LLC, as the structural engineer.

RFWalsh Completes Medical Projects

Continued from page 28

enhances the quality of care to patients and their families and provides an improved and efficient working environment for the staff.

The Carney Hospital project consolidated and replaced existing undersized and antiquated Operating Rooms and PACU space with new modern, appropriately sized spaces and additional support areas. The project added three state-of-the-art ORs with infrastructure for a future fourth. The PACU incorporates eight private patient bays including one for isolation. In addition, hospital employee support spaces, such as locker rooms, lounge, and dictation are provided with new space with direct access to the Operating and PACU Suite. The work was done in three phases to maintain daily hospital operations.

ASHE Training Programs

Continued from page 7

For companies that haven’t done healthcare, it’s a whole new ballgame. Projects generally take longer and cost more,” Adams says. Understanding why and how health care construction is unique can help contractors bid, estimate, and complete a project successfully.

General contractors and project leaders

Adams estimates that since 2003 nearly 10,000 healthcare and construction professionals have attended ASHE’s Healthcare Construction Certificate program, an intensive, two-day course with a short online prerequisite. Following the training, participants can identify the needs and expectations of facility owners, staff, and patients and describe how these relate to the construction process; work more collaboratively with owners; and understand the critical factors involved in healthcare planning, design, and construction. “We cover a lot of territory,” Adams says.

The HCC program is distinct from AHA’s more recently developed Certified Healthcare Constructor (CHC) credential, which combines education and experience, a certification examination, and periodic renewal requirements. (For information on AHA certification, see http://www.aha.org/aha/certification-center.)

ASHE also offers two-day programs related to healthcare construction. Healthcare Construction Project Management examines healthcare construction from a scheduling and budget standpoint. Infection Control: Managing Risk During Construction, Operation, and Maintenance of Facilities uses case studies and real-life examples to consider infection prevention in the health care environment from an operations and construction perspective.

Mark of approval

Brian Cotten, PE, CHFM, FASHE, executive director of design and construction, University of Arkansas for Medical Sciences, says his organization likes to issue a request for qualifications on hospital projects to assure contractors and designers are qualified and understand how to work in a healthcare setting. “Especially if they’re going to be working on a project in a patient care area, we want to make sure they’re trained and qualified,” he says.

For Cotten, the ASHE education offerings provide the necessary background for all aspects of health care construction. “They’re excellent training programs. I highly recommend people attend them and get their certification,” he says.
ABA ranked in Top Five

In a nationwide survey of leading architectural firms Ann Beha Architects (ABA) took the “five spot.” Founder and principal Ann Beha, FAIA, has a background in historic preservation, as do longtime principals Pamela Hawkes, FAIA, and Thomas Hotaling, AIA. “Our job is finding a contemporary vision within a historic center,” Beha says.

The architects achieve this goal through intensive study of the site and the structure. Take the design for the University of Pennsylvania’s Music Building led by the newest ABA principal, Philip Chen, AIA. Constructed in 1892, the building is on Philadelphia’s Register of Historic Places, but it was poorly suited for a contemporary music program. Chen and his team carefully restored the original building while doubling the space available to programming through a contemporary addition that bolsters the original structure.

Walsh Brothers Wins AGC Award

Boston – The Associated General Contractors (AGC) of America recently honored Walsh Brothers, Incorporated with the prestigious 2011 AON Build America Award. This national award was given in recognition of Walsh Brothers’ successful completion of Yawkey Center for Cancer Care at the world renowned Dana-Farber Cancer Institute (DFCI).

The key objectives of the DFCI Yawkey Center for Cancer Care project were to bring to life the vision of the Architect and Family Patient Advisory Council (FPAC) who worked for years in designing a patient-focused, sustainable, and healing environment.
How Do You Restore Waterfront Park? O’Connor Nears DEP Lab Completion

Beacon, NY - The challenge put before green scape, Inc. and a talented team of professionals was to renovate a Hudson River park that has been an industrial wasteland for years.

What effect on a 15 acre waterfront site does a rail yard, commercial ferry landing, salvage/scrap yard, oil storage facility, and a pesticide and herbicide manufacturing plant have on a relatively fragile ecosystem? Simply put, it will destroy the soil, plant, and animal life.

The challenge put in front of green scape, Inc. and a team of professionals was to renovate this waterfront site, making the land a model for eco renovation.

The project is Long Dock Park in Beacon. After years of abuse to the land, the team will restore the future park and create wetland areas and meadows complete with walking trails, a boat landing for nonpowered boats, and a restored “Red Barn” to be used as a cultural center.

Before any new additions of trails and plants to the park could be started, environmental rehabilitation work had to be completed, including the removal of more than 350 tons of contaminated soils; the identification and removal of nonnative and invasive plants that are competing with what is left of the native species; excavating soils in wetland areas to appropriate depths to remove depleted soils and replace them with appropriate soils and plantings; remove and replace deteriorating timber bulkheads with 3/8” thick steel bulkheading, and the removal of concrete slabs and metal debris left behind from years of industrial use.

To complete the soil renovation, approximately two to three feet of specially blended soil will be reincorporated into much of the site, which then will be ready for the planting and construction.

By summer the park will be fully restored and visitors, both human and animal, will return to Long Dock Park to admire its newly re-created beauty and enjoy the magnificent views of the Hudson River. green scape, Inc. is proud to be a part of this rewarding landscape renovation.

Lawrence, MA - O’Connor Constructors is close to completing the $22 million renovation/expansion that will transform the William X. Wall Experiment Station into a state-of-the-art green facility.

The new 13,000sf addition has expanded the complex to 35,000sf, housing cutting edge organic and inorganic chemistry and microbiology labs and analytical equipment.

Founded in 1887 by the Mass. State Board of Health as a facility to conduct research leading to the development of practical methods for treating sewage, industrial wastes, and public drinking water supplies, WXW has a long history of leading the way in the protection of the public health and the environment.

O’Connor Constructors was hired as construction managers by the Division of Capital Asset Management based on experience with similar projects, project management procedures, and abilities. O’Connor was involved early in the design process providing real cost budgets, schedules, and material research.

The renovated building will be LEED certified and will include: photo voltaic cells, rainwater recycling, storm water management systems, green roof design, efficient new heating and ventilation systems, “day lighting” efforts, and a close proximity to public transportation.

Completion of Phase 2 of the project is scheduled for August 2011.

Breathe Easier...
Trust the Environmental Expertise of RPF Environmental

- Air Quality Testing and Laboratory Analysis
- Industrial Hygiene and OSHA Compliance
- Asbestos, Lead Paint, Mold, PCB’s
- Environmental Site Assessments
- Worker Health and Safety Training
- Infrared Thermal Imaging Surveys

RPF Environmental
TESTING & CONSULTING SERVICES
Offices in Northwood, NH and Amesbury, MA
Call 1-888-SAFE-AIR or visit www.airpf.com
EMD Serono LEED Gold Rated

Approximately 200 scientists work at the research facility.

Boston - EMD Serono, Inc., an affiliate of Merck KGaA, Darmstadt, Germany, announced that the company’s research center in Billerica is LEED Gold certified under the US Green Building Council and verified by the Green Building Certification Institute. The Billerica research facility is one of only five laboratories in Massachusetts to achieve this high rating.

In February 2011, EMD Serono announced the completion of its Billerica research facility - a three-year construction project that included a $65 million expansion plan. Approximately 200 scientists work at the facility, focused on expertise in cancer biology, cancer immunotherapy, oncogene signaling, medicinal chemistry, molecular modeling, protein engineering, therapeutic antibodies and manufacturing. The building’s green features include high efficiency variable speed chillers; energy efficient lighting and controls. Natural light is maximized throughout the building with solar panels utilized to generate electrical power for the lobby area, along with a daylight monitoring system incorporated throughout the building to reduce electrical usage. In addition, more than 20% of the building contains recycled content, 95% of the building construction waste was recycled including brick and steel materials, and more than 50% of the wood is Forest Stewardship Council certified. It is estimated that the EMD Serono research facility utilizes 19% less energy and approximately 72% less water than a comparable conventional building.

The architect on the research facility was Ellenzegoig. The construction manager was Jones Lang LaSalle, a global real estate services and construction management corporation. The mechanical engineers of the facility were BR+A and the civil engineers were BSC Group.

Historic Cheney Dye House Transformed

Simon Konover Holds Ribbon-Cutting Ceremony

Manchester, CT -- The Simon Konover Company held a formal ribbon cutting ceremony at the Dye House Apartments in Manchester to celebrate the transformation of the landmark building.

Built in 1914, the Dye House is located within the Cheney Brothers National Historic Landmark District, once home to the first commercially successful silk mill in the U.S., and is one of the last of the major buildings in the complex to be restored.

The reconstruction project transformed the former mill into 57 unique apartment homes with high ceilings, exposed brick walls, and large architecturally detailed windows, preserving the classic timber and brick elements of the early 1900 mill construction style.

Meehan & Goodin of Manchester was the engineer for the project.

The adaptive reuse project created modern one, two and three-bedroom affordable apartment homes while retaining the historic charm of the building’s structure, one hundred percent of the units have been set aside for income qualified residents.

The project was financed by Low Income Housing Tax Credit proceeds provided under the American Reinvestment and Recovery Act, the US Department of Housing and Urban Development’s HOME program, and a first mortgage being provided by CHFA.

The financing structure also included the sale of federal historic preservation tax credits by the National Equity Fund to TD Bank and the sale of state historic tax credits to John Hancock.

Contact Nexamp, New England’s leading turnkey solar installer, for a complimentary solar energy assessment of your new or existing facility.

Let us help you reduce your energy costs: Nexamp makes solar energy simple and profitable for you.

www.nexamp.com  877-707-0491

O U R S E R V I C E S :  
• Boundary Surveys  
• ALTA/ACSM Land Title Surveys  
• Topographic Site Surveys  
• Photogrammetric Mapping  
• Land Court Surveys  
• Construction Layout  
• As-Built Surveys  
• 3D Laser Scanning

O U R C L I E N T S :  
• Developers  
• Engineering Firms  
• Architectural Firms  
• Law Firms  
• General Contractors  
• Educational Institutions  
• Health Care Institutions  
• Government

Contact Harry R. Feldman, Inc.

Wire Belt Co.  Quabbin, Inc.
Boston Properties  General Mills

FELDMAN  
Professional Land Surveyors

www.high-profile.com
Walsh Brothers Completes Fenway

Boston, MA - Walsh Brothers, incorporated, a Boston-based construction management company, has successfully completed the final phase of a capital improvement plan at the Boston Red Sox’s Fenway Park. For the final installment of the $240 million, 10-year cycle of major annual improvements, the Boston Red Sox selected Walsh Brothers as their construction manager. Some of the projects included in the final phase of the capital improvement plan were the construction of a new concourse and concession stands, demolition and replacement of the existing right field scoreboards, renovation of the scoreboard control room, executive offices, media dining area, and a historic brick façade restoration, just to name a few! The project was completed in advance of opening day and within the five month off season winter months. The 10-year plan of improvements was done in part to ready the historic playing field for the Red Sox’s 2012 centennial celebration.

The project required demolition of the existing concourse slab, excavation, and extensive under-slab utility upgrades, including sanitary, storm drain, and power upgrades. These upgrades provide five new tie-ins at street level that will accommodate the future utility needs of America’s “most beloved ballpark.” Despite unforeseen conditions with utility relocations there was no delay to the schedule.

The Walsh Brothers team took care to place the historic executive office windows along Yawkey Way, working closely with the historic commission which ultimately ensured the original window aesthetic was preserved while simultaneously increasing the efficiency of the windows.

MPA Completes Design for Best Doctors Commodore Builders GC, RDK Engineers MEP

Boston - Margulies Perruzzi Architects (MPA) has completed the design of new office space for Best Doctors, Inc., the global leader in clinical advocacy solutions ensuring that individuals have the right diagnosis and the right treatment. Founded in 1989 by two Harvard Medical School professors, Best Doctors serves more than 260 insurers, employers and health plans, touching 25 million lives in 40 countries.

MPA provided interior design services for the 54,000sf project located on two floors at 100 Federal Street in Boston. MPA maintained much of the existing design while creating a new executive office suite with finishes that harmonize with the rest of the interiors. The offices in the executive suite feature light maple wood furniture and conference tables, with a variety of traditional boardroom seating and modern casual chairs. To further personalize the space for Best Doctors, local artist Sarah Egan painted a wall in the firm’s reception area, creating a piece with tonal color and plaster paint.

Commodore Builders was the general contractor for the project, and RDK Engineers provided mechanical, electrical and plumbing engineering. Cushman & Wakefield was the tenant broker and project manager for the project.

North Branch Completes Renovations

Banwell Architects

New London, NH - North Branch Construction of Concord has completed renovations of the New London Inn. This historic building, built in 1792, has received several upgrades throughout a three-month job that include repairs to the heating control system, interior renovations, and new insulation and siding. These upgrades have improved the inn’s energy efficiency while maintaining its historic charm and iconic presence in New London.

These improvements were performed by North Branch, with architectural design provided by Banwell Architects of Lebanon, while the Inn remained in full operation.

North Branch Construction has been preserving New Hampshire’s history for decades. Recent restoration projects include the 1832 Newbury Center Meeting House in Newbury as well as the 1812 Wolfeboro Inn in Wolfeboro.

EnviroCare Furnishes Heywood

Architect TROJung Brannen

Gardner, MA - EnviroCare, the Healthcare division of Environments at Work, New England’s premier Haworth office furniture dealer, recently completed the installation of furnishings at the Watkins Center for Emergency & Acute Care at Heywood Hospital in Gardner. The EnviroCare team was responsible for providing furnishings for the newly expanded inpatient facility, including the Emergency Department, patient care rooms, and staff support areas.

The new 72,000sf facility includes 50 private inpatient rooms which reflect the principles of evidence based design. Daybeds are provided for family members while staying with their loved ones in the new private areas. The lower level of the Watkins Center includes the new 20-bed ED, a CT Suite with two CT machines and emergency x-ray, and ultrasound rooms. On the first floor is Watkins I and the ICU with 19 telemetry beds and a six-bed Intensive Care Unit. The top floor of the new building is Watkins II which contains 25 medical surgical beds.

EnviroCare’s team of healthcare design specialists worked with architect TROJung Brannen to fulfill the client’s vision for furnishings in the patient care areas. Specialty healthcare furnishings were provided by Haworth, KI Healthcare, Nemschoff, and David Edward. The use of these products was geared toward supporting Heywood’s objective for the Watkins Center of providing unmatched quality of life for anyone under its care.

The general contractor was William A. Berry & Son, a division of Suffolk Construction.
**Jewett Completes Renovations**

Bow, NH - Jewett Automotive Design and Construction, a division of Raymond-based Jewett Construction Company, Inc., has completed work on a 3,000sf renovation to the Grappone Automotive Group’s Hyundai auto dealership in Bow.

The project consisted of an exterior facelift as well as numerous interior renovations, including an updated showroom, expanded customer lounge with Wi-Fi, and improved customer parking. This involved demolition of the existing auto showroom, including ceilings, lights, ductwork, and walls prior to the construction of a new open concept showroom including new light fixtures, floor tile, and store front doors.

Exterior construction included a new service canopy and a new 12x12 tower for signage. All work was done while the dealership was fully-operational, and great care was taken to ensure that the company’s day-to-day business was not interrupted.

**Pro Con Completes Hotel Reno**

Portsmouth, NH – Pro Con Inc of Manchester has completed an interior renovation project at the Homewood Suites by Hilton, located just off Woodbury Avenue near the Commerce Center Corporate Park. The hotel is owned by S & S Hotels of Manchester and is managed by Colwen Management Inc. of Nashua. Pro Con Inc was the architect and construction manager for the $5 million project.

The interior renovation transformed 16 former two-bedroom suites into 16 one-bedroom suites and eight executive king studio suites. The four-story hotel now has 116 spacious studio and one-bedroom suites with fully equipped kitchens, daily complimentary breakfast buffet, and an evening reception. The suites offer guests all the comforts and convenience of home for the price of a traditional hotel room.

“The renovation allows the hotel to offer more of the type of suites that our guests are requesting,” said Mark Schleicher of S & S Hotels.

The hotel’s lodge features the guest reception; administrative offices, snack shop, kitchen and guest buffet and great room with and oversized fireplace. It also has a fitness room, an indoor pool, outdoor sports court, a barbecue grill and patio area, and guest laundry facilities.

Pro Con Inc. began renovation work in February 2011 and completed the project in April 2011.

**Studio A Completes Arts Projects**

Cambridge, MA - Acentech’s Studio A, a specialized acoustics, audiovisual systems design, and vibration consulting group for the performing arts, recently completed three projects.

For Spruce Peak Performing Arts Center in Stowe, Vt, Studio A’s thoughtful acoustical design and sophisticated audiovisual systems ensure that the 420-seat hall provides an intimate and inviting venue for a variety of music, dance, and theatre performances, as well as lecture and video presentations and cinematic screenings. The hall is particularly well suited to unamplified and lightly amplified music performances, and its sound system is carefully tuned to work with the natural acoustics of the space to provide a rich and clear sound. Studio A’s acoustical designs included noise control for mechanical systems, resulting in a very quiet room with a warm, supportive sound that is spacious and enveloping without excessive reverberation.

Studio A worked with Karlmann McKinnell and Wood Architects of Boston to create this performing arts center.

Projects also were completed for Alfred University in Alfred, N.Y. and Lynn University in Boca Raton, Fla.

**Meet New England’s Top Award Winning Companies**

The July and December issues of High-Profile Monthly focus on the people and companies that have earned recognition from the top AEC associations in New England. Join us in the July issue as we will celebrate the award winners from ABC, BSA, CMMA, IFMA Boston, IIDA New England, SMPS Boston and more...

The July issue will also include our regular monthly sections:

- Educational Facilities
- Healthcare Facilities
- Multi Residential
- Green News
- Renovation and Restoration
- Upfront • People • Calendar

...and more. Whether you have participated in an awards competition or not You are invited into the July issue! News and advertisement reservation deadline May 23.

For more information call 781-294-4530 or e-mail editor@high-profile.com.

**Why keep a low profile?**
Briggs Joins Burns & McDonnell

Wallingford, CT - The New England office of Burns & McDonnell announced that Shawn Briggs will be joining their energy division as a project manager. He has over 19 years of experience in development, permitting, engineering, procurement, and construction in the power generation arena.

Briggs will have a leadership role at Burns & McDonnell, working on the development of its energy global practice. His focus will be on new generation of energy which includes thermal generation, transmission and distribution, as well as nuclear generation projects.

Most recently Briggs was a project manager with The AES Corporation of Arlington, VA where he was responsible for the development of wind energy projects.

BOND New Hires

Everett, MA - Everett-based construction firm BOND (Bond Brothers) welcomes Charlie Connor and Jay Pezzuto, Jr. to the firm’s civil and utility division, and David Barrus to the estimating department of the building division.

Connor re-joins BOND as director of operations for the civil and utility division. He is an established project manager and estimator with two decades of heavy construction experience.

Connor had managed numerous civil and underground utility projects for BOND, including much of the utility relocation work for the construction of the central artery tunnel. Connor returns to BOND after several years at William A. Berry & Sons, Inc as project director.

Pezzuto also joins the operations department of the civil and utility division. He will serve as the new field operations superintendent. He comes to BOND from Payton Construction, where most recently he managed its Whitman Tool Division.

Recently appointed project estimator, David Barrus, LEED AP, brings 20 years of estimating and project management experience to BOND’s building division. His estimating experience includes conceptual-level, design-build, GMP development, and hard bid and his project management experience includes delivering several hospital projects in Rhode Island. He previously held successful estimating positions at Walsh Brothers and most recently Linbeck as senior estimator/cost analyst.

KBE Names Deschaine

Farmington, CT - KBE Building Corporation has named Barrie Deschaine business development manager for retail construction services. She will be responsible for the northeast region and will work out of the firm’s headquarters offices in Farmington.

“Barrie has been an outstanding member of the KBE team for almost 25 years so we know what she is capable of accomplishing,” said KBE President and CEO Mike Kojakowski.

Deschaine was previously assistant to the president and CEO of KBE and also helped with public relations activities.

Cogan Joins Geocomp

Acton, MA - Geocomp Corporation welcomed Cynthia Cogan, PE, as a group manager of consulting services overseeing Massachusetts and California operations. She will have profit and loss responsibility for these groups and, as a senior technical leader, will oversee a growing professional services team.

Cogan brings to the position over 17 years of industry experience and will focus her efforts on developing expanded project reach and strengthening client relationships on behalf of the company.

Prior to joining Geocomp, she served as a project director at ENSR/AECOM where she oversaw the management of a large-scale residential remedial investigation and interim remedial measures program.

She is actively involved in a number of professional groups, including the Society for Women Environmental Professionals (SWEp), where she was a founding member of the Massachusetts Chapter.

Solidus Welcomes Gutsfeld

Rocky Hill, CT - Solidus, Inc., a progressive design-build-furnish firm with a collaborative approach to construction, welcomes Jeff Gutsfeld as its new vice president of business development.

Gutsfeld, with more than two decades of marketing and business development experience, including more than 15 years in the design and construction industry, will be leading the business development efforts of Solidus’ construction services group.

Gutsfeld will work closely with clients to develop effective and creative solutions customized to meet their needs with design integration, construction, floor covering, furniture, and merchandising services.

Davis Names Wheeler

Boston - The Davis Companies announced the appointment of Daniel F. Wheeler as senior associate, asset management.

Wheeler will perform leasing, investment analysis, and various asset management functions to maximize the performance and value of the Davis Companies Boston-area portfolio and Davis Investment Ventures Value Opportunity Fund I.

Prior to joining The Davis Companies, Wheeler was asset manager at Colony Realty Partners. He has also held positions as development associate at Archstone-Smith and as investment sales analyst at Cushman & Wakefield and Insignia ESG.

Buckley Earns ASHRAE Certification

Boston - Integrated Environmental Solutions (IES), a provider of integrated performance analysis software and consulting services for sustainable building design, announced that project manager Liam Buckley earned the Building Energy Modeling Professional certification from the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE).

This ASHRAE certification program attests to an individual’s ability to evaluate, choose, use, calibrate, and interpret the results of energy modeling software when applied to building and systems energy performance and economics. It also confirms an individual’s competence to model new and existing buildings and systems with their full range of physics.

Chaires Joins O’Connor

Canton, MA - O’Connor Constructors announced that Andre Chaires has joined the firm as a project manager in the Canton office.

Chaires has over 15 years of experience in the construction industry. For most of his career, he has specialized in academic projects and higher education with clients such as MIT, Northeastern University and others.

He has a large amount of lab experience and has successfully managed several lab fit-outs. He will expand O’Connor Constructors efforts in the academic market sectors with projects related to new construction, renovation, and expansion.

Eckman Staff Announcement

Bedford, NH - Eckman Construction Co., Inc. recently named Preston Hunter as its director of business development. His expanded role will include finding and pursuing new opportunities for the firm, as well as maintaining Eckman’s excellent relationships with past and present clients.

Hunter has been with Eckman since 2005, and has on-site construction supervision, estimating, and project management experience.

As a LEED-AP, Hunter has a special interest in emerging green building techniques and materials. He is currently communications chair for the NH Chapter of the US Green Building Council, the group that administers the LEED certification standards.
White Companies Promotions

Auburn, MA - R.H. White Companies, Inc. announced that several employees have received promotions at the firm:

Kenneth Margossian has been promoted to CEO, James McCarthy to COO, Thomas Descoteaux to Sr. VP, Kimberly Dunn to director of human resources, Daniel Horgan to director of mechanical construction, and Paul DiLorenzo to project executive.

FBRA Adds Gilbert

Manchester, NH - Foley Buhl Roberts & Associates, Inc. (FBRA) has added Derek J. Gilbert, PE, to the staff at its Manchester office. His past experience includes 10 years as a structural engineer engaged in the design of buildings.

In addition, he joins FBRA following a four year stint as a technology solutions specialist exclusively focused on Autodesk Revit structure education and training.

Wood Palace Names Lucianno

Middleboro, MA - Wood Palace Kitchens, a premier cabinetry distributor, announced the appointment of Kevin Lucianno of Somerset as kitchen designer and sales representative.

In this dual role, Lucianno custom designs kitchens in addition to developing new business.

Prior to joining Wood Palace Kitchens, Lucianno was with Walpole Woodworkers in E. Falmouth; previously he was a sales and account manager with TWD Surfaces in Bridgewater.

Dyer Brown Adds Two

Boston, MA - Dyer Brown & Associates, Inc. announced the addition of Brent D. Zeigler, AIA, NCIDQ as director of design and Brian K. Potter as a senior project manager to its Boston office.

Zeigler has over 15 years of experience in corporate interiors, retail, mixed-use, and multi and single family residential design. Prior to joining Dyer Brown, he was a founding partner and president of Fourply Studio, Inc., an award winning corporate interiors and residential design firm.

Potter has over 17 years of experience in corporate interiors, retail design, and residential architecture. His background is in both architecture and interior design. Prior to joining Dyer Brown, he was a founding partner and principal of Potter Hoffert, a specialized corporate interiors and residential design firm in Boston.

Deschenes and Ferro Join Consigli

Milford, MA - Consigli Construction Co., Inc. announced the addition of two highly skilled professionals to its construction operations team.

Joining Consigli as BIM manager, Andrew Deschenes, associate AIA, brings nearly a decade of experience managing building information modeling (BIM) support in the construction industry, as well as senior project management experience that spans two decades. He has provided BIM management and coordination on a wide variety of institutional and commercial projects across the United States, including work for Cornell University, Harvard Law School, Mohegan Sun Casino, Goldman Sachs, and EMC Corporation.

Christopher Ferro, scheduling manager, joins Consigli with more than 15 years of experience in project controls and scheduling across multiple facets of the construction industry including, process manufacturing, pharmaceutical, government, education, residential, and transportation. His diverse experience in preconstruction, planning and managing highly complex, multi-phased projects with aggressive schedules includes his role as chief scheduler for projects such as the Shire HGT Manufacturing Facility in Lexington, Genzyme Corporation’s Science Building and Central Utility Building in Framingham, and Intercontinental Hotel and Residences in Boston.

Metric Adds Four

Boston - Metric Construction Corporation, a Boston-based general contractor, has added the following employees: Paul Mullaley, senior project manager; Jason Richards, senior project manager; Clark Davidson, project superintendent; and David Drudge, project superintendent.

Mullaley joins the company with over 20 years experience. He formerly was with Callahan Inc. where as vice president he managed development and construction projects across New England.

Richards was a senior project manager at Suffolk Construction prior to joining Metric. He has worked on projects up and down the east coast, including new retail and institutional construction projects across New England.

Husseini Certified PTOE

Boston - Nitsch Engineering announced that transportation department manager Faysal J. Husseini, PE, LEED Green Associate, has been certified as a Professional Traffic Operations Engineer (PTOE), one of only 56 PTOEs in Massachusetts.

Husseini has 26 years of experience in providing transportation and traffic engineering services. He is an active ITE member, as well as an adjunct professor and member of the Advisory Board for the Civil Engineering Department at the University of Massachusetts Lowell.

The PTOE is a national certification overseen by the Transportation Professional Certification Board, in affiliation with the Institute of Transportation Engineers (ITE), that requires a high level of knowledge, skill, and ability in the specialized application of traffic operations engineering.

Subscribe Now!

complete this form and fax it to Subscriptions, 781-293-5821

Name ________________________________
Company ________________________________
Address ________________________________
City, State & zip ________________________________

$58 individual subscription for one year
$125 corporate subscription (three individuals) for one year

To order your subscription using Visa, Master Card, American Express, call 781-294-4530, 8 am - 5 pm.

www.high-profile.com
AGC
YCC - Red Sox Outing and Networking Event
Batter Up! Play Ball!
Open to AGC of MA Young Contractors Council (YCC) Members and Guests,
Tuesday, June 21, 2011 - 7:10 pm. San Diego Padres
Tickets sell out fast so register now.
Pre-Game Party - Baseball Tavern on Boylston Street at 5 p.m.
$35 per ticket (includes Baseball Tavern pre-game reception)
All tickets must be picked up at the YCC pre-game reception
More information at www.agcmass.org

Cloud Computing
AGC of Massachusetts IT Committee Presents “What is the Cloud Computing Revolution? And How can your company capitalize on it?”
June 23 - 8:30-10 a.m.
Fee: $50
AGC Conference Center, Wellesley
The move to cloud computing is changing the landscape of IT in significant and far-reaching ways.
Attend a cloud computing seminar dedicated to separating the facts from the hype. The seminar will provide IT managers and business executives the opportunity to hear from a technology leader on the topic of the business advantages of cloud computing.
Register online today www.agcmass.org.

IFMA
International Facility Management Assoc.
Wednesday June 15 - 8 a.m. - 7 p.m.
IFMA Boston presents “IFMA Boston’s Facilities Asset Management Seminar at the 2011 NEBFM”
Boston Convention & Exhibition Center, 415 Summer St, Boston, Mass.
For further information and registration fees, visit www.ifmaboston.org or call (617) 925-0106.
2011 Boston’s Annual Schmooze Cruise
Thursday, July 21 - Boston Harbor Cruise.
Fan Pier Marina, 4:45 – 5:30 Registration and boarding 5:30 – 7:45
All Aboard the Samuel Clemens for the 9th Annual Schmooze Cruise. Come join the Boston Chapter of IFMA for a Summer evening filled with good people, tasty food and drinks, and some of the best views of Boston!
The cruise will depart from Fan Pier Marina in the Seaport District at 5:30 p.m. sharp and will sail rain or shine. Public parking available at the open lots near the Fan Pier. Please note: This is a cash bar only. There are no options for credit card purchases and no ATM on board.

SMPS
Society for Marketing Professional Services
Boston Annual ROC Awards
Thursday - June 23, 6 – 10 p.m.
Seaport Hotel Harborview Ballroom
1 Seaport Lane, Boston
The Boston Chapter is celebrating its 30-year anniversary. Recognizing Outstanding Communications (ROC) Awards Gala is being held and will be the final blowout bash of the anniversary.
So come dressed to impress and ready to celebrate as we take a trip down memory lane and honor the best in marketing for the AEC industry! For more information: SMPS.org.

SMPS
Society for Marketing Professional Services
Boston Annual ROC Awards
Thursday - June 23, 6 – 10 p.m.
Seaport Hotel Harborview Ballroom
1 Seaport Lane, Boston
The Boston Chapter is celebrating its 30-year anniversary. Recognizing Outstanding Communications (ROC) Awards Gala is being held and will be the final blowout bash of the anniversary.
So come dressed to impress and ready to celebrate as we take a trip down memory lane and honor the best in marketing for the AEC industry! For more information: SMPS.org.

ASM Golf Tournament
Monday, July 25
Pinehills Golf Club, Plymouth, Mass.
Same tee time for all players – 12 noon
Side-by-side courses by Jack Nicklaus and Rees Jones
Use of first-class locker facilities
All players together for lunch and dinner
Barbecue lunch, Reception and Dinner
Player gifts, contests and over $60,000 in prizes, $50,000 cash for hole in one!
For more information: www.associatedsubs.com

ABC Golf Outing 2011
Pinehills Golf Club
54 Clubhouse Drive, Plymouth, Mass.
June 23
The Entry fee of $250 includes:
- golf fee & cart
- Use of the locker Room facilities
- golfer’s gift
- Boxed lunch, cocktail Reception/Buffet Dinner, 2 Raffle Tickets.
- prizes for low gross and low Net, 1st and 2nd place Scramble and various on-course events.
- golfers can elect to play their own ball or play a scramble.
- If you don’t want to play golf, but would like to join us for dinner - $55.
For more information and to register visit www.abcma.org or call 508-209-3000

International Facility Management Association (IFMA)
For more information contact www.ifmaboston.org

OUR WINDOW AND DOOR SOLUTIONS WILL EXCEED YOUR EXPECTATIONS.

Marvin brings distinctive custom capabilities, personalized service and a solutions-driven approach to our work with replacement, remodeling and new construction projects.

From Ultrex® Fiberglass to aluminum clad to wood, the Marvin Family of Window and Door Products has a solution to meet your design vision, budget needs and energy efficiency expectations for all your commercial and non-residential construction.

www.high-profile.com
New Hampshire Steel Fabricators, Inc.

Proud providers of the Miscellaneous Metals and Ornamental Iron for Elliot at Rivers Edge

New Hampshire Steel Fabricators, Inc
17 Lamy Drive
Goffstown, NH 03045
Phone: (603) 668-3464
Fax: (603) 668-2703
www.nhsteelfab.com
Lowell, MA - LEVI + WONG Design Associates, Inc. is serving as architects, landscape architects, interior designers, and facility planners for the new D’Youville Center for Advanced Therapy building located on the D’Youville Life and Wellness Community campus...full story on page 21.