



PROJECT NEWS

J&M Brown Underway with Electrical Construction of 345 Harrison Avenue in Boston's South End

NECA Boston contractor teams with Architect: CBT Architects, Boston; GC: John Moriarty & Associates, Winchester; Owner: UDR, Boston; EE: RW Sullivan Engineering, Boston



Rendering: CBT Architects; Owner: UDR

BOSTON, MA – J&M Brown Company (JMB), headquartered in Jamaica Plain, MA, is underway with comprehensive electrical construction of 345 Harrison Avenue, the new 585-unit luxury residential/multi-

use complex in Boston's South End. The development is comprised of two 14-story buildings, housing 535,900 square feet of residential space and 33,550 square feet of ground floor retail and restaurant space. JMB's

scope entails installation of the complete electrical distribution system, LED lighting, fire alarm system, and tel/data systems. The tel/data system installations are being provided by J&M Brown's low-voltage division, **Spectrum Integrated Technologies**.

The 345 Harrison complex, developed by Boston-based UDR, will have a phased occupancy with the first phase opening scheduled for January 2018. The aggressive schedule requires that all electrical systems, primary and emergency power systems, and the complete fire alarm installation to be fully functioning at that time. The total project has targeted completion for summer 2018, and all major electrical systems will

be completed months in advance.

To streamline the construction process in the tightly scheduled project, JMB is utilizing the Trimble MEP layout solution platform. JMB's CAD Coordinator Kelly Flynn and General Foreman Wayne Lucas have planned electrical conduit layouts and installation areas using a 3D positional data system, enabling the JMB field crew to handle installation with exacting precision and maximum efficiency. Also enhancing the project's consistent workflow, in the pre-construction phase, General Foreman Phil Talbot has designed layouts, and pre-planned material and labor requirements for the development's apartment units.

J&M Brown Project Managers Patrick O'Neil and Kimberley Estabrooks are managing the project with a field crew expected to range upwards of 40 to 50 IBEW Local 103 electricians at peak construction.

345 Harrison Avenue's amenities include a four-level parking garage with a green roof, 13th floor Sky Lounge, resort-style pool, and state-of-the-art fitness center.

The 345 Harrison Avenue project is integral to the City's revitalization plans for the South End. Across the street from the Ink Block, the residential complex is in close proximity to key public transit hubs, as the MBTA Red Line, Orange and Silver Lines are all within walking distance.

Moulison Heavy Electrical Provides LED Lighting at Kenneth F. Burns Memorial Bridge, Route 9 in Shrewsbury, MA

NECA contractor teams with GC: Middlesex Corp. on MassDOT bridge lighting and traffic control project



SHREWSBURY, MA – Moulison Heavy Electrical, based in Biddeford, Maine, has completed the state-of-the-art LED lighting and lighting control system of the arches and handrails at the Kenneth F. Burns Memorial Bridge on Route 9, which connects Shrewsbury and Worcester over Lake Quinsigamond. The under-bridge lighting project, com-

prised of 64 rectangular LED spotlights installed on the piers of the bridge, was handled by the Moulison crew working on a barge. Dynamic lighting control settings are achieved by a controller located at the bridge or by MassDOT via a laptop.

The project also entailed Moulison's installation of surrounding traffic signals and roadway light-

ing. Due to the high-traffic location, much of the electrical work was done after rush hour, between 8pm and 6am. Moulison Heavy Electrical's Project Manager Dave Power supervised a crew of eight Local IBEW 96 electricians in the project, which spanned more than three years and was completed in 2016.



McDonald Electrical's MEC Power Group Installs 345kV Tower at Mystic Generating Station in Charlestown

NECA Boston contractor teams with Electrical Engineer: Stantec, Boston, MA; Owner: Exelon Generation, LLC



CHARLESTOWN, MA – MEC Power Group, the high-voltage, utility division of McDonald Electrical Corp., recently furnished and installed an 85-foot H-frame 345kV tower structure at Mystic Generating Station to increase the ground clearance of an existing 345kV transmission line. The structure, set on concrete spread footings, is designed to support the existing 795 ACSR conductors and shield wires. MEC extended existing transformer taps to accommodate the increased cable height. The installation required the use of two 100-ft. man-lifts, a 90-ton

crane to raise the poles, and a 60-ton crane to place the cross-arm. The NECA Boston contractor completed the work during a 3-day power outage of the Mystic 7 diesel turbine. MEC Power Group expedited procurement of all materials and the contractor's crew of six IBEW Local 103 electricians performed installations on the fast-track project in constricted work space at the fully operational power station. The project was headed by MEC Power Group Division Director, Chris Lombardi.

ELECTRICAL INDUSTRY NEWS

Brian Golden, Executive Director of BPDA, presents at NECA Boston January Chapter Meeting

BOSTON, MA – Brian Golden, Executive Director of the Boston Planning and Development Agency (BPDA), was the guest speaker at NECA Boston's Chapter meeting at the Seaport Hotel in January. His presentation centered around the unprecedented construction boom in Boston, with more than 14.7 million sq. ft. of real estate developed in 2016, and the bright outlook for the future. The commercial and residential sectors continue to be a focus of white hot development, as the likes of GE, Reebok, and Converse all will

be headquartered in the Hub. Major projects throughout the city, including Fenway Center, One Dalton, South Bay, Seaport Square and Hub on Broadway, are in the pipeline. The city is well on its way to meeting its housing goal of 53,000 new residential units by 2030, with 18,786 new units having already been built by the end of 2016. Also discussed were infrastructure projects, including the Silverline expansion, and the BPDA's relationship with the MassWorks Infrastructure Program.

NECA Boston Chapter Confirms 2017 Board of Directors



WEST NEWTON, MA – The Boston Chapter of the National Electrical Contractors Association (NECA) confirmed its 2017 Directors and Officers at its Annual Chapter Meeting in January. Joseph McCluskey, Jr., of E.G. Sawyer Co., Inc. is serving in his second year as Chapter's president.



Brian Golden, BPDA Executive Director, presents at the NECA Boston Chapter Meeting in January

NECA 2017 Board of Directors

Seated (l to r):

William Weber, Treasurer – Gaston Electrical Co., Inc.
 Joseph Bodio, Governor – LAN-TEL Communications
 Joseph McCluskey, Jr., President – E.G. Sawyer Company, Inc.
 Michael McDonald, Vice President – McDonald Electrical Corporation
 Alan Scharfe, Secretary – John A. Penney Company, Inc.

Standing (l to r):

Kristen Gowin, Assistant Manager – NECA Boston Chapter
 John McLaughlin, Director – Sullivan & McLaughlin Companies
 Gregory Sapochetti, Director – J.F. White Electrical
 John Quinci, Director – Cruz Electric, Inc.
 Kathleen Guinee, Director – Aetna Fire Alarm Service Co., Inc.
 Thomas Driscoll, Director – E.S. Boulos Company, Inc.
 Brian Murphy, Director – A. Murphy, Inc.
 Glenn Kingsbury, Executive Manager – NECA Boston Chapter

Board Members (not pictured):

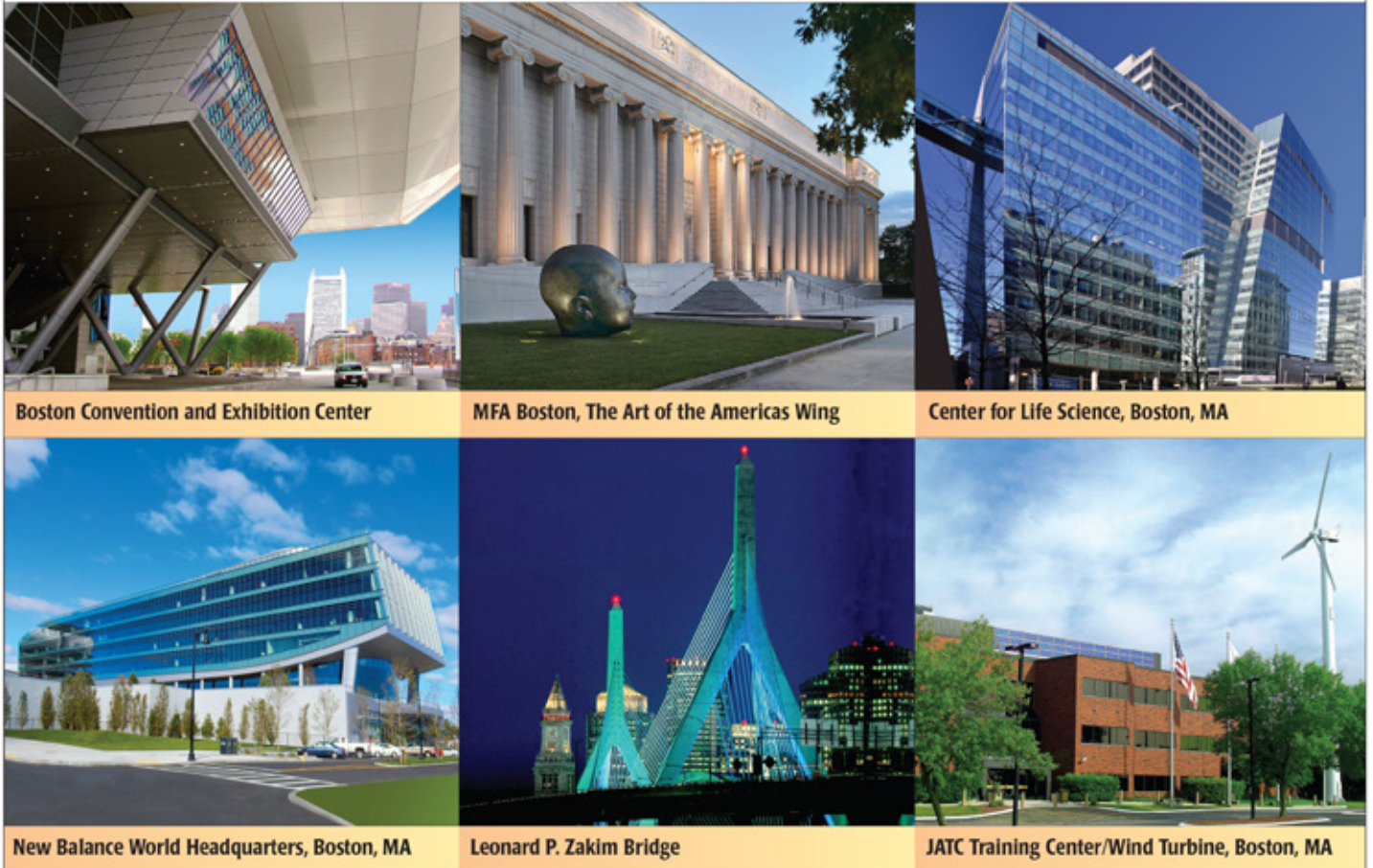
Paul Guarracino, Director – J.M. Electrical Company, Inc.
 David Noon, Director – J. & M. Brown Company, Inc.
 Stephen Scarponi, Director – Scarponi Electric, LLC

NECA Boston Chapter represents nearly 100 electrical and telecommunications contractors in Eastern Massachusetts, Maine and New Hampshire. The Association is dedicated to promoting the highest construction standards through continuing education, management training, skilled workforce training, and labor relations. NECA Boston works in partnership with the union electrical industries in Massachusetts, Maine and New Hampshire (IBEW Local 103 in Boston, Local 1253 in Augusta, Maine, Local 567 in Lewiston, Maine, and in Local 490 in Concord, NH).

NECA contractors are at the forefront of the electrical industry, delivering high voltage power transmission, low voltage systems, energy efficient lighting, building energy management systems, telecommunications, security systems, and renewable energy systems to commercial, educational, healthcare, institutional, and public projects throughout the Greater Boston and Eastern New England region. NECA is the voice of the electrical construction industry, advancing the industry through advocacy of key legislative issues, education, research, and standards development.

EASTERN NEW ENGLAND SETS ITS SITES ON QUALITY AND SAFETY IN ELECTRICAL AND TELECOM CONSTRUCTION.

NECA and IBEW set the standard for excellence in electrical, telecom, and renewable energy projects throughout Eastern New England.



New Balance World Headquarters, Boston, MA

Leonard P. Zakim Bridge

JATC Training Center/Wind Turbine, Boston, MA

In the world of construction, quality and safety are critical to every project. Which is why leading architects, general contractors, building owners, and facility managers throughout Eastern New England rely on the skilled union electricians of Local 103 of the International Brotherhood of Electrical Workers (IBEW) and the professional electrical contractors of the Greater Boston Chapter of the National

Electrical Contractors Association (NECA). For more than a century, IBEW and NECA have literally helped build our region. From our most cherished historical sites and renowned educational institutions, to major transportation projects, leading technology companies, community schools, and libraries, our landmarks shed light on a century of electrical construction unsurpassed in quality.

Take a close look at just a few of the recently completed projects by NECA Greater Boston Chapter members. It will tell you where to turn for the highest standards in electrical, telecom, and renewable energy construction.

Rely on the power of quality electrical work. Call 877-NECA-IBEW for a complete directory of NECA Greater Boston Chapter Members, or visit us at www.bostonneca.org

The future of renewable energy and green buildings is here.



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