State Electric in Progress with Ruth Mulan Chu Chao Center at Harvard Business School, Allston, MA

Architect: Goody Clancy, Boston; GC: Lee Kennedy Co., Inc., Quincy, MA; EE: Vanderweil Engineers, Boston, MA

T&T Electrical Contractors Completes Troy Boston at 275 Albany Street

NECA Contractor teams with Architect: ADD Inc, Boston, MA; GC: Suffolk Construction Company, Boston, MA; EE: WSP, Boston, MA; Developer: Gerdng Edlen, Portland, OR

State Electric Corporation, headquartered in Bedford, MA, is underway with the comprehensive electrical construction of Harvard Business School’s (HBS) Ruth Mulan Chu Chao Center. The new, four-story, 90,000 square-foot Executive Chao Center. The new, four-story, 90,000 square-foot Executive Chao Center.

Bedford, MA, is underway with construction of Troy Boston, MA, has completed the electrical construction of Troy Boston, a 378-unit apartment complex located at 275 Albany Street in Boston’s South End. The development includes 38 residences that are classified affordable housing.

Troy Boston is a 334,000 square-foot development, comprised of two connected towers, an 11-story structure and another that provides power to the facility. A Nest Learning Thermostat – a wi-fi enabled programmable, self-learning thermostat that conserves energy by optimizing the heating and cooling. Amenities include a yoga and fitness studio, an outdoor pool and a rooftop terrace complete with a demonstration kitchen and dining area, barbecues and fire pits.

BIM coordination was critical to the project from its earliest planning stages, as it enabled T&T to navigate a virtually impassable pathway due to numerous underground obstacles, including structural caps and piling. In a unique aspect of the project, the NSTAR vault that provides power to the facility was among the last phases of the project to be completed, as T&T started all electrical distribution from the middle and worked in two directions simultaneously in order to keep the project on schedule.

T&T supervised a field crew ranging upwards of 18 IBEW Local 103 electricians and technicians at peak construction in April 2016. The project team is headed by Project Manager Paul Higgins, Supervisor and Foreman Tom Page, and Virtual Coordinator Rocco Capalino. The State Electric team was able to provide complete conduit infrastructure installations in the basement structure despite extreme weather and ground conditions this past winter.

When construction is complete, a comprehensive commissioning process will be undertaken, including a site area power drop test that will assess how multiple buildings and systems respond in the event of a loss of utility power, and ensure reliability of all systems.

The project is designed by architectural firm Goody Clancy Associates of Boston to achieve LEED Gold+ Certification. The Ruth Mulan Chu Chao Center is funded by a gift of $40 million dollars from Dr. James Si-Cheng Chao and Family Foundation as a tribute to the late Ruth Mulan Chu Chao, the matriarch of the accomplished Chinese American family. Dr. James S.C. Chao and Ruth Mulan Chu Chao’s family is the only family in HBS history to have had four daughters attend the School. The gift was made in 2012 during the 350th anniversary celebration of the admission of women to Harvard’s two-year MBA program and the 375th anniversary of Harvard University. As part of the gift, the Chao family has also endowed the Ruth Mulan Chu and James S. C. Chao Family Fellowship Fund to outstanding students in need.
Telecom Licensing Bill H.242 Reintroduced to Massachusetts Legislature
Legislation sponsored by Rep. Harold P. Naughton, Jr. (D-Clinton)

BOSTON, MA – On June 2nd, representatives from NECA Boston Chapter and IBEW Local 103 presented the union electrical construction industry’s position strongly supporting telecom licensing legislation, House Bill No. 242, which is again being considered by the Massachusetts state legislature. Sue Mailman, principal of Coghlin Electrical, IBEW technician Kelly Nygren, Joseph Bodio, principal of LAN-TEL Communications and President of NECA Boston Chapter, and Sean Callaghan, IBEW Local 103 Business Agent were at the State House June 2nd presenting the merits of Telecommunications Licensing.

PUBLIC AND QUALITY SAFETY ARE PARAMOUNT
The telecom bill would establish professional standards for those that design, install, and service telecommunications systems and require all who practice in the trade be adequately trained and licensed.

• Public safety and quality are paramount. The intricate details in telecommunications system installation require knowledge of relevant codes and regulations, particularly the National Electrical Code (NEC) and standards issued by the American National Standards Institute. Training and licensing are critical, both from a public safety perspective and a quality assurance perspective.

• Current laws regarding telecommunications were passed more than 25 years ago, and Massachusetts telecommunications system installers are finding it difficult to compete with neighboring states. Because technicians in Massachusetts are not licensed, they are not able to cross borders to work, while workers in those states are able to work here. This bill would be positive for the industry, our economy, and the industry.

NECA 2015 San Francisco, Oct. 3 - 6, Open for Registration
NECA 2015 will also feature workshops and educational tracks that keep NECA contractors the best informed and most productive in the industry. Workshops will cover virtually every important topic impacting the industry, including:

• 2014 NEC’s Significant Changes
• Effective Safety Programs and Policies
• Significant Changes in NFPA 70E 2015 and Employer Responsibilities
• Safety • Smart Grid Installations • Integrated Project Delivery • Prefabrication • Lighting Protection System Installation and Maintenance • Arc Flash Hazards – Enhancing Personnel Safety • Taking Control with Lighting Controls • Energy Storage and Microgrids • Selecting the Right LED for Energy-Efficient Lighting Retrofits • Electrical Submetering Strategies for Energy Efficiency and Cost Reduction • Electric Vehicle Charging Stations, and many others.

For details and to register, visit www.necaconvention.org.

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.

LEGISLATIVE NEWS

NECA 2015 San Francisco, Oct. 3 - 6, Open for Registration

BETHESDA, MD – NECA 2015 San Francisco, the electrical industry’s largest convention and trade show, will be held October 3 - 6. The NECA trade show will feature more than 300 exhibitors, comprised of the industry’s leading manufacturers, distributors and service companies showcasing thousands of innovative products and service solutions. The show floor is a virtual classroom providing the latest technological advances in such areas as power supply, security, tools, integrated building systems, lighting and controls, solar/PV, other energy markets, and more.

INDUSTRY NEWS

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For a complete directory of NECA Greater Boston Chapter member firms, call 1-877-NECA-IBEW or visit us at www.bostonneca.org.