A Message from the Executive Manager

Building a Brighter Community

In this holiday season, there is much for which to be thankful, and it marks the time when we tend to be focused on giving. That spirit of giving and community service, I am proud to say, is a hallmark of NECA Boston Chapter and our members, and of the entire union electrical industry in Boston. So, as we reflect on a year in which the Greater Boston construction industry continues to shine, benefiting from an unprecedented construction boom, I would like to focus on brightening our community.

NECA Boston and Local 103 proudly joined in partnership with our world champion Boston Red Sox in 2018. That partnership centers around community service, supporting underserved youth in the Greater Boston community with such outreach efforts as the Baseball Equipment Drive for the Major League’s Baseball Tomorrow Fund, and the Bullpen Buddies initiative.

Equally important, it includes an expansion of our ongoing contributions to the Helmets to Hardhats program, dedicated to helping active duty military service members transition to civilian life by offering careers in the construction industry.

NECA Boston was proud to honor retiring Trust Funds Administrator Rich Gambino by donating to the On Site Academy’s (OSA’s) First Responder Fund. OSA is a non-profit residential stress management treatment center for military personnel, police officers, firefighters, EMS technicians and other first responders suffering from work-related critical incident stress management.

In our ongoing commitment to educating future leaders in the electrical construction industry, we enthusiastically contribute to the NECA Boston Wentworth Institute Scholarship Program. NECA’s mission statement, “Empowering lives and communities,” embodies a community service theme. With programs dedicated to ensure our members are the most knowledgeable and successful in the industry, we are best able to empower our members lives and careers, and in so doing also give back to those in need, serving as a beacon to the communities in which we serve.

Best wishes for a bright holiday season!
NECA Boston and Local 103 Official Partners of Red Sox – More Power to the World Champions!

NECA Boston and Local 103 proudly celebrated our World Series champions with the entire Boston community during the Duck Boat rally! Check out standout Sox reliever Joe Kelly. NECA and Local 103 are official partners of the Red Sox in community outreach efforts and have provided electrical services to Fenway for nearly a century.

INSTALLATION

T&T Electrical Contractors Completes Electrical Construction of Boston College Field House

NECA Contractor teams with Architect: ARC/Architectural Resources Cambridge; GC: Suffolk Construction, Boston; EE: BR+A, Boston

NEWTON, MA – T&T Electrical Contractors, Inc., based in Everett, MA, has completed ground-up electrical construction of the new Boston College Field House, a state-of-the-art indoor/outdoor practice and training facility for BC’s football team and other college varsity sports teams. The facility will also be utilized for campus recreation, club sports and intramural sports.

The T&T Electrical project team, comprised of 25 IBEW Local 103 electricians, was headed by Project Supervisor and Vice President Dan Venezia, and Field Foreman Derek Pollard. T&T began construction on the fast-track project in June 2017 and the project was completed as scheduled, in July 2018.

Fellow NECA Boston contractors, Stateline Power, Boston Lightning Rod, Mass Bay Electrical and LAN-TEL Communications also provided services on the BC Field House project.

The BC facility is named Fish Field House in recognition of John Fish, chairman and CEO of Suffolk Construction, who helped support the project’s funding with a leadership gift.

PROJECT SCOPE

The 115,700 square-foot field house, adjacent to Alumni Field and Conte Forum on the BC campus, houses a world-class weight room for athletes, coaches offices, a nutrition room, and a nurses station. The new, outdoor natural grass outdoor football field features outdoor lighting, a coaches booth, and an electronic scoreboard.
E. S. Boulos Company Completes Eastern Maine Medical Center Modernization Project in Bangor, ME

NECA Maine Division Contractor teams with Architect: MorrisSwitzer - Environments for Health, Portland, ME; GC: Cianbro Corp. and Brasfield & Gorrie, Pittsfield, ME; EE: BVH Integrated Services, Bloomfield, CT

Bangor, ME – NECA Boston Chapter/Maine Division contractor, E. S. Boulos Company (ESB), headquartered in Westbrook, Maine, has recently completed the multi-phase electrical construction and telecommunications work associated with the Eastern Maine Medical Center (EMMC) modernization project in Bangor, Maine. EMMC serves more than 40 percent of the population in Maine’s central, northern and eastern regions.

The comprehensive project scope at EMMC’s state-of-the-art new 8-story, 361,000 square-foot Penobscot Pavilion facility, centrally located on the medical facility’s campus, included installation of primary and emergency power, lighting and lighting controls, convenience power, voice/data communications, fire alarm, nurse call, A/V, and security systems.

The final phase of the project consisted of ESB’s comprehensive electrical renovation of the labor and delivery ward in the existing Grant Building.

In the first phase of the modernization project, E. S. Boulos provided renovations to the existing EMMC facility, which included a new hospital entrance, lobby, a 29-bed Neonatal Intensive Care Unit, and a 32-bed Cardiac Telemetry Unit.

At peak construction, E. S. Boulos supervised a field crew of 40 electricians and technicians from IBEW Local 1253 in Fairfield, Maine. The ESB project team was headed by Senior PM Jason Queen, Superintendent John Federich, GF Tyler Poulin, Project Engineer Mark Reynolds, and BIM Specialist Tom Clements.

The project required close coordination between E. S. Boulos and EMMC personnel, as the contractor coordinated all electrical shutdowns and cutovers to ensure the project was handled without disruption to existing hospital operations.

“Meeting the logistical challenges associated with the multi-phase project at a very active regional medical center was critical,” said Senior PM Queen. “There was limited access to the site as EMMC remained fully operational throughout construction. Scheduling and transporting electrical personnel to the facility on a daily basis and electrical equipment deliveries were among the many challenges ESB met. Coupled with ESB’s highly skilled electrical and tel/data field crew, our project engineering and BIM capabilities were keys to the project’s success,” he added.

The project was completed in June 2018 and Eastern Maine Medical Center staff and cardiac patients moved into the new 24-bed Cardiac Care Unit in early July.

E. S. Boulos worked on the expansive four-plus-year project with general contractor Cianbro Corp., of Pittsfield, Maine. Morris Switzer - Environments for Health, based in Portland, ME, was the project architect.

E. S. Boulos Company, a subsidiary of MYR Group Inc., was recently recognized by the National Electrical Contractors Association with a 2018 Safety Excellence Award.

PROJECT SCOPE

- New medium voltage electrical infrastructure consisting of an internal 5-unit substation;
- New grand lobby and Pre- and Post-Recovery unit and nuclear medicine suite on the first floor;
- New Cardiac Surgical Care suite with eight procedure rooms on the 2nd floor;
- Surgical Care Unit with 14 modern surgical suites/operating rooms on the 3rd floor;
- 4th floor comprised of mechanical and electrical equipment supporting operating floors below;
- New PACU Unit over the existing Grant Building roof;
- New 24-bed Cardiac Care Unit and Intensive Care Unit with state-of-the-art monitoring equipment on the 5th floor;
- Medical/Surgical Inpatient Unit on the 6th floor;
- New Neonatal Intensive Care Unit (NICU) on the 7th floor;
- The facility’s mechanical and electrical rooms housed on the 8th floor.
Boston, MA – On November 7, Gaston Electrical Co., Inc., headquartered in Norwood, MA, completed the core and shell electrical construction of Wentworth Institute of Technology’s new Engineering, Innovation & Sciences Academic Building. The 4-story, 75,000 SF building is the first academic building constructed on the Wentworth Campus in more than 45 years.

The multi-disciplinary academic engineering facility is located at the center of the Wentworth campus, and features state-of-the-art equipment, technical labs and maker space, and is designed with an open layout for learning and collaborative spaces. The building houses Wentworth’s new Biological Engineering program, as well its Biomedical, Civil Engineering, and experiential learning programs; the Accelerate, Wentworth Innovation + Entrepreneurship Center; and science and manufacturing labs.

Gaston’s comprehensive scope includes the installation of primary and emergency power, fire alarm, security and A/V systems, as well as full fit-up of the facility. The NECA contractor also provided design-assist project delivery services. Pre-construction planning and pre-fabrication of electrical systems and fixtures were integral to the scope, enhancing the project’s cost-efficiency and streamlining the project schedule.

Project Executive Brian Jasinski, Foreman Jerry Mulligan, and tel/data Foreman Selvin Allen led the project and Gaston’s Local 103 field crew.

The building has numerous sustainable features, including a rooftop solar system. It is designed to achieve LEED Silver Certification. Wentworth celebrated a ribbon cutting on November 14 and the building opens to students in January 2019.
**INSTALLATION**

J&J Brown Completes Boston Consulting Group Offices at 200 Pier 4 in Boston Seaport

J&M Brown Company, Inc. (JMB), based in Jamaica Plain, MA, recently completed the fast-track electrical fit-out of Boston Consulting Group's (BCG) new 184,000 sq. ft. offices at the new 200 Pier 4 office building in Boston's Seaport district. The project comprised JMB's installation of the electrical distribution system, fire alarm system, lighting and lighting control systems.

The NECA Boston Chapter contractor furnished and installed the extensive lighting package, which consisted of more than 1,300 fixtures. State-of-the-art Crestron lighting controls are also installed throughout the 6 1/2 floors occupied by BCG.

The fire alarm scope included integration/syncing of the system with the base building fire alarm system, as well as installation of fire curtain protection in a 5-story internal stairwell.

The JMB project team supervised a field crew of 32 IBEW Local 103 electricians at peak construction in the aggressive nine-month project schedule.

Boston Consulting Group is the anchor tenant, occupying floors 7 - 13 at the new 13-story 220 Pier 4 building. BCG moved 700 employees into the facility in June 2018.

**INDUSTRY NEWS**

Kathleen Guinee Elected Chair of Mass. Board of State Examiners of Electricians (BSEE)

OSTON, MA – On September 24, 2018, Kathleen Guinee, principal of Aetna Fire Alarm Service Co., Inc., was elected Chair of the Massachusetts Board of State Examiners of Electricians (BSEE). She is the first woman to serve the Commonwealth in this position.

Ms. Guinee was originally appointed to the Board by Governor Deval Patrick in August, 2008 as the Systems Contractor Designee. Each Board member serves three-year appointments, and Guinee has been reappointed to the BSEE Board four times. She served as Vice Chair of the BSEE for three years prior to her new position as Chair.

The primary mission of the Board is to protect the citizens of Massachusetts by establishing standards for persons performing electrical installations. The Board examines and licenses candidates and enforces the regulations and general laws relative to electrical installations in Massachusetts.

The BSEE oversees licensing of Master Electricians (A), Journeyman Electricians (B), Systems Contractors (C) and Systems Technicians (D - including security, fire warning). The Examiners also prosecute those found working without a license, either through the Office of the Attorney General or directly in the courts of the Commonwealth.

Ms. Guinee also serves as a Director on the NECA Boston Chapter Board of Directors.

Susan Mailman Speaks to MA Girls in Trades!

On November 14, Susan Mailman, president of Coghlin Electrical Contractors, the prominent Worcester-based NECA Boston Chapter member, was the keynote speaker at the MA Girls in Trades event held at IBEW Local 103 in Dorchester. Nearly 500 young women from vocational trade schools in Eastern Massachusetts attended, learning more about bright career opportunities in electrical construction.
ORWOOD, MA – LAN-TEL Communications, Inc., a leading provider of integrated public safety/security solutions and structured cabling, headquartered in Norwood, MA, has been called upon by several cities in Massachusetts to deploy its state-of-the-art Mobile Access Command Unit (MACU). Most recently, LAN-TEL’s MACU was in operation at the dedication of Hancock Adams Common in Quincy, an event attended by thousands of area residents.

LAN-TEL is the only private company in New England to have a Mobile Action Command Unit equipped with an exterior shooter detection system and an Unmanned Aerial Vehicle (UAV) for all-weather situations, and which features thermal imaging capabilities for assistance at public events and gatherings.

Engineered to enhance public safety, LAN-TEL’s MACU employs the most advanced technology with unique capabilities beyond exterior shooter detection.

LAN-TEL has been contracted to utilize the MACU at the Boston Marathon; St. Patrick’s Day Parade; the July 4th Celebrations in Somerville and Quincy; Quincy Flag Day; the Coast Guard’s Homecoming at State Pier in New Bedford; the Town of Milton, MA Fun Night; and for several days of storm assessment in Cohasset and Duxbury (with a drone deployed from MACU).

“We have been all over Massachusetts assisting primarily with surveillance issues at major events in cities and towns – it is our privilege to assist in keeping residents and people safe,” said Joe Bodio, CEO of LAN-TEL Communications. “Communities, schools, and companies want to keep everyone safe and LAN-TEL is working 24/7 to do just that. We can’t prevent every crisis, but we can be better prepared for these events,” Bodio added.

LAN-TEL Communications, Inc. has provided hundreds of wireless video security system installations throughout the City of Boston and integrated them into area headquarters.

COMMUNITY OUTREACH - RECOGNIZING VETERANS

NECA Boston, IBEW Local 103, Mass. Building Trades Contribute to Helmets to Hardhats

BOSTON, MA – In recognition of Veterans Day, on November 8, NECA Boston Chapter and IBEW Local 103 proudly joined at the State House with fellow members of the Massachusetts Building Trades Council at a Helmets to Hardhats fundraiser, during which the state’s construction industry unions and trade associations raised nearly $56,000 for Helmets to Hardhats.

Helmets to Hardhats is a national nonprofit organization that connects transitioning active-duty military members with meaningful, family-sustaining careers in the union building trades.

The Massachusetts Building Trades Council, a longtime supporter of the program, has placed more than 575 military veterans in union construction jobs statewide.

“We are proud to support Helmets to Hardhats in providing career opportunities for our valued veterans. With these donations, we want to thank these courageous men and women for their service and send a clear message that there is a place for them with our unions,” said Frank Callahan, President of the Massachusetts Building Trades Council.
Aldon Electric, Inc., headquartered in Weymouth, MA, has recently completed comprehensive electrical construction of Emmanuel College’s new 18-story residence hall at 300 Brookline Avenue in Boston. The project scope included installation of the facility’s primary and emergency power systems, electrical distribution system, fire alarm, interior and exterior lighting, and lighting control.

The modern, multi-tower 267,500 sq. ft. residence hall is the largest building on the campus, housing approximately 690 upper-class students. The facility incorporates lounges and group study rooms, a media center, a fitness center, dance studio, 15 underground parking spaces and 102 covered bicycle spaces. The ground floor Atrium serves as a common space for the entire Emmanuel community. The Margaret L. McKenna Media Center, an all-purpose room equipped with flat-panel displays for studying, meeting and presentations, is located in the center of the Atrium. The ground floor also houses a Dunkin’ Donuts cafe and a Joe-Di’s Food Mart convenience store.

Project Manager Dennis Sheehan and General Foreman Dan Denehy headed the Aldon Electric project team, managing a field crew of 50 IBEW Local 103 electricians at peak construction in the two-year project, which was completed as scheduled in August. Emmanuel College students moved into the residence hall in September.

Commenting on the logistical challenges met by Aldon, PM Sheehan said, “The residence hall is built on a small footprint on the campus. The project required close coordination and cooperation with general contractor John Moriarty Associates and Emmanuel College so that scheduling of all electrical equipment and personnel was done in a timely manner, enabling us to meet the project schedule.”

J&M Brown Completes Amazon’s Newest Boston Offices in Fort Point

NECA contractor teams with: Architect: IA Interior Architects, Boston, MA; GC: Columbia Construction Company, North Reading, MA; EE: Hargis Engineers, Seattle, WA

BOSTON MA – J&M Brown Company, Inc. (JMB) has completed comprehensive electrical and tel/data fit-out of Amazon’s newest Boston office at 253 Summer Street / 27 Melcher Street in Boston’s Fort Point.

The tech giant’s six-floor, 180,000 sq. ft. office space currently houses more than 350 staffers from Amazon Web Services (AWS), tech support for human resources, and the transportation technology team. The offices can accommodate up to 900 employees.

JMB’s scope included installation of the facility’s 120kW UPS back-up power system, fire alarm, lighting and daylight harvesting lighting control. The Amazon office features an open layout with several kitchen/break-out rooms, special privacy phone rooms, and a library area.

Spectrum Integrated Technologies, J&M B’s technology division, provided Amazon’s tel/data installation and sound masking requirements.

The project was completed on a fast-track, 6-month schedule. J&M Brown and Spectrum managed a combined field crew of 70 Local 103 electricians and technicians. In meeting Amazon’s aggressive schedule requirements, the JMB crew worked approximately 37,000 man-hours. Dennis Nigro, Vice President of JMB’s Special Projects Division and Supervisor John Mallet headed JMB’s project operations.
Highlights from NECA 2018 Philadelphia – The Electrical Industry’s Largest Convention & Trade Show

The ANNUAL NECA 2018 Trade Show & Convention, September 29 to October 2 at the Pennsylvania Convention Center in Philadelphia was the largest in event history as thousands of electrical industry leaders from throughout the U.S. were in attendance.

President Trump addresses NECA Members at Closing General Session

The industry’s leading convention and trade show was highlighted by the October 2nd, closing session address by President Donald Trump, the first time NECA has welcomed a sitting president in its 117-year history. The President’s speech focused on his administration’s economic agenda of tax cuts, job growth, manufacturing, and trade. He also spoke of the recently signed bill committing $1 billion annually to vocational education and the Pledge to America’s Workers, an apprenticeship training initiative dedicated to creating 60,000 career opportunities for 60,000 American workers over the next five years. The initiative was signed by NECA executives on July 31, 2018.

Apprentice Appreciation Day

Held on the opening day, it drew more than 2,500 apprentices from throughout the Middle Atlantic region and the nation. The apprentices were addressed by Todd Stafford, Executive Director of the National Training Alliance, and Steve Richman, President of Milwaukee Tool. Michael Callanan of mC3 delivered a keynote speech on leadership in the industry. A town hall format followed, during which Lonnie Stephenson, IBEW International President, John Grau, CEO of NECA, David Long, President of NECA were asked questions about their careers and unlimited career potential offered through electrical apprenticeship training. Gary Higgins, Vice President of Labor Relations moderated and the group fielded questions from apprentices via a mobile app. At the conclusion of the town hall meeting, the apprentices hit the trade show floor for a first hand view of the industry’s most innovative products and technologies.

The electrical industry’s leading trade show featured more than 300 exhibitors as the industry’s leading manufacturers, distributors and service companies showcased thousands of cutting-edge products and technologies.

NECA Educational Programs – Knowledge is Power

NECA 2018 Philadelphia provided NECA contractors with best electrical industry practices and compliance information. Educational workshops covered numerous topics highlighted by Evaluating Labor Performance, 2018 NEC Significant Changes, and Change Orders Made Simple to name just a few. Technical workshops kept contractors informed of such important topics as Safety and Ergonomics to Improve Productivity on the Jobsite; Technology, Process and Innovation; Emerging Technologies to Deliver Power & Data; OSHA Silica Regulations; Wireless Lighting Control; Reliable Jobsite Connectivity Driving Productivity, ensuring NECA contractors are the best informed in the industry.

NECA 2018 Philadelphia also featured a Women in NECA + Future Leaders roundtable session focused on diversity in industry.

Legislative Update Session

Led by Marco Giamberadino, NECA Executive Director of Legislative Affairs, the session focused on the Tax Reform 2.0; Pension Reform – the GROW Act; and, Infrastructure Investment.

Keynote Speakers

Keller Rinaudo, robotics innovator and CEO / Founder of Zipline — at the forefront of drone technology being utilized to carry life-saving medical supplies in the most remote parts of the world, Rinaudo spoke of how to test solutions quickly to effectively maximize output; and what technology and robotics mean for the future of industry.

Cybersecurity experts Christopher Tarbell, an ex-FBI agent, and Hector Monsegur of Berkeley Research Group, LLP discussed their unique perspectives on security at the General Session.

The Showstopper Showcase identified the most innovative new products and services for electrical construction professionals.

“ You make the glory of Americashine for all the world to see.”

President Trump

The next generation of industry professionals – NECA Boston/Wentworth Student Chapter members toured the trade show floor.