

INSTALLATIONS

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

BOSTON, MA — **J&M Brown Company**, 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 all electrical systems and the complete fire alarm installation to be fully functioning at that time. The total project has targeted completion in summer 2018, and all major electrical systems will be completed months in advance.

J&M Brown Project Managers Patrick O'Neil and Kimberley Estabrooks are managing the project with a field crew expected to range



PRE-CONSTRUCTION PLANNING

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.

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 project

is integral to the City's revitalization plans for the South End. Across the street from the Ink Block, the residential complex is near key public transit hubs — the MBTA Red, Orange and Silver Lines are all within walking distance. ■

J&M Brown Completes Wentworth's Schumann Library Renovation

Architect: Perkins + Will, Boston; EE: ARUP, Boston; GC: Consigli Construction, Boston

BOSTON, MA — In a three-month "summer slammer" project, J&M Brown Company (JMB), of Jamaica Plain, MA, completed the comprehensive electrical, fire alarm, tel/data and security system renovations at the Wentworth Institute of Technology (WIT) main library — the Douglas D. Schumann Library, in August 2016.

The multifaceted  included upgrading the 45,000 sq ft facility's electrical distribution system, which encompassed installation of all new electrical panels; new energy-efficient LED lighting; and lighting control; a new fire alarm system; and the build-out of 12 conference rooms, inclusive of the installation of the backbone to new



Audio Visual systems.

JMB served as single-source provider for the Wentworth library renovation, as Spectrum Integrated Technologies installed the facility's

upgraded tel/data and security systems. To enhance the project's efficiency and meet WIT schedule requirements, during pre-construction J&M Brown provided extensive planning and CAD coordination for all lighting and conduit pathways.

JMB managed an IBEW Local 103 field crew of 28 electricians at peak construction. Close coordination among all project team members — JMB, Consigli, P&W, ARUP and WIT, was critical in meeting the aggressive schedule. Construction was performed in a partially occupied building.

The renovated Schumann library features a modern, open environment design and incorporates building upgrades that focus on sustainability and energy-efficiency. ■