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J&M Brown Company completes electrical construction of Cambridge Crossing Parcel G building located at 350 Water St.

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Cambridge Crossing, Parcel G, 350 Water Street - East Cambridge, MA

East Cambridge, MA J&M Brown Company (JMB) has completed the comprehensive core and shell electrical construction of the new 14-story, 510,000 s/f Cambridge Crossing Parcel G building located at 350 Water St.

The Sanofi technology and research building, is comprised of 12 floors of research labs and offices; a two-floor electrical and mechanical penthouse; and a three-level below-grade parking garage.

JMB's comprehensive base building electrical project scope included installation of temporary power for the site, primary and emergency power, electrical distribution, site lighting, interior and exterior lighting and lighting control system, fire alarm system, and electric vehicle charging stations. Spectrum Integrated Technologies, the low-voltage division of JMB, provided the facility's tel-data network and security installations.

JMB's project planning was instrumental in managing strict COVID construction policies without impacting productivity and enabling the NECA contractor to meet the project's timeline. To optimize project efficiency, JMB provided over 4,000 hours of prefabrication of electrical components, including rooftop conduit runs, racks, junction boxes, and panels in the company's pre-fab facility in

Randolph, Mass.

Productivity was further enhanced as the Cambridge Crossing Parcel G project was constructed on a BIM platform. JMB utilized a Trimble positioning system for underground electrical installations as well as the layout of the facility's electric rooms.

J&M Brown worked in tandem with a project construction team headed by GC, John Moriarty & Associates. DivcoWest is the project developer of Cambridge Crossing.

Designed with a sustainability focus, 350 Water St. features a chilled beam HVAC cooling system. Electrical installations that power and tie into the building's mechanical penthouse and the exterior mechanical cooling towers were elaborate. The building's cooling system has five exterior chillers requiring a 2,000A electrical feed/tie-in. Significant coordination from top-down was required, as JMB coordinated a critical path list with the project's mechanical contractor, Limbach. The building is designed to meet and is in the review process for LEED Gold Certification.

J&M Brown managed a field crew that ranged upwards of 45 IBEW Local 103 electricians and technicians at peak construction of the core and shell electrical project. The project team was headed by senior project manager Pat O'Neil, project executive Mike Booker, GF Chris Salvi, GF Kent Lahey, project engineer Hyungi Lee, and CAD manager Dana Karlgren. Spectrum IT's tel-data and security team was led by PM Lou Whittemore and GF Patrick Simpson.

The 350 Water Street building and the adjacent 450 Water Street building in Cambridge Crossing comprise a major new campus for Sanofi, a world-leading life sciences company. The East Cambridge Sanofi campus is one of the company's largest sites in the U.S.

J&M Brown is currently in the late stage, multi-phase electrical fit-out project at 350 Water Street for Sanofi, a project also headed by GC John Moriarty & Associates.

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