

Real Estate Journal

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PROJECT TEAM INCLUDES: TURNER HEALTHCARE AND THOMPSON CONSULTANTS, INC.

J. & M. Brown Company completes \$1 million project at Newton Wellesley Hospital

NEWTON, MA J. & M. Brown Company, Inc. (JMB), the multi-faceted electrical construction company based in Jamaica Plain, Mass., has recently completed the \$1 million Newton Wellesley Emergency Generator and Distribution project at Newton Wellesley Hospital.

The project scope entailed the installation of a roof-top diesel 800KW emergency generator, 7 new automatic transfer switches with sizes ranging from 225A to 800A, a new 2000A switchboard with ground fault protection, a 1200 amp emergency switchboard, and 1-800A and 2-400A distribution switchboards. The project also included J. & M. Brown's demolition of existing normal and emergency distribution equipment, as well as the construction and fitup of a new emergency electric room.

Maintaining emergency power at the hospital throughout the project was critically important. To achieve this, while bringing the new emergency power system into the facility, JMB ran a temporary 2000A feeder from an existing generator to back-feed the existing emergency switchboard. This allowed for the removal of the existing



twin generators and the construction of the new emergency electric room.

The project required JMB's use of a 340 ton crane to hoist the new 30,000 pound generator to the 8th floor roof and position it approximately 60 ft. in from the edge of the building. Another demanding aspect of the project included the firm's installation of

1200A emergency MI cable feeders, which were run from the basement to the 8th floor through existing shafts.

J. & M. Brown commenced work in March and completed electrical installations of the new emergency power system at Newton Wellesley Hospital in August. In meeting the fast-track project schedule, J. & M.

Brown's project supervisor Victor Gemelli and foreman Mark Thibeault managed a field crew of 10 electricians from IBEW Local 103. The NECA member firm worked in tandem with a project team that included general contractor Turner Healthcare of Boston and the electrical engineering firm Thompson Consultants, Inc. of Marion, Mass.