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J. & M. Brown Company Completes Electrical Construction of Winchester Hospital Cancer Care Center's Renovation and Expansion Project

**NECA Contractor Teams with GC: A.J. Martini, Winchester, MA;
Architect: Steffian Bradley Architects of Boston; EE: R.W. Sullivan Engineering, Boston;
JMB Division - Spectrum Integrated Technologies Provides Tel/Data Network**



Photo courtesy of Winchester Hospital

WINCHESTER, MA – J. & M. Brown Company, Inc. (JMB) of Jamaica Plain, MA has recently completed the electrical construction of Winchester Hospital's Cancer Care Center at 620 Washington Street in Winchester, MA.

The 40,000 sf project entailed complete removal and reconstruction of the hospital's existing 2nd floor. In addition, JMB's project parameters required demolition and renovation of an adjacent, existing 14,000 sf 2-story structure and electrical construction of the facility. The 12-month phased construction was provided while the existing facility remained fully operational.

J. & M. Brown's comprehensive scope included installation of the facility's primary and emergency power, new fire alarm, nurse call system, tel/data, and low voltage lighting control systems. In addition,

the longstanding NECA contractor provided installations related to the historic restoration and preservation of an attached 3-story historic 4,000 sf portion of the building. This included installing a new 1200Amp, 480/277Volt power service to the facility and a 400Amp 480/277Volt service to the facility's existing tenant.

JMB's Executive VP and Project Manager Joe Trodella, General Superintendent Paul Arthur and Project Foreman Tom Campbell supervised an IBEW Local 103 field crew of nine (9) electricians and three (3) telecom specialists during the fast track project, which commenced in June 2010 and was completed in June 2011.

J. & M. Brown's tel/data division, Spectrum Integrated Technologies, provided telecom installations under separate contract, including

TV/video installations for the oncology bay, which feature dedicated individual overhead speakers and DVD capabilities.

The Winchester Cancer Care Center project, designed by Steffian Bradley Architects of Boston, is seeking LEED™ Gold Certification from the USGBC (U.S. Green Building Council). Electrical and mechanical systems were coordinated and installed utilizing a BIM platform via AutoCAD Revit. General contractor A.J. Martini of Winchester headed the project team. Electrical engineering services were provided by R.W. Sullivan Engineering of Boston.

The electrical project was secured and partially funded through IBEW Local 103's market recovery fund.

State-of-the-art Facility

Winchester Hospital's comprehensive, new Cancer Care Center provides patients the most advanced testing, radiation oncology services, drug therapies and technologies. The expanded radiation oncology unit, located on the facility's first floor, offers the latest imaging technologies and processes provided in collaboration with Shields Health Care Group. This floor is also comprised of offices, support services, a community room, examination and consultation rooms, a patient library, and "A Caring Place" boutique. The 2nd floor is dedicated to medical oncology and infusion services, housing 14 exam rooms and

28 infusion chairs, as well reception and waiting areas, all in a serene atmosphere designed to allow for ample natural light. Amenities for families include wireless communications and televisions with a DVD library.

Commenting on demands of the project, PM Trodella said, "Coordination and project scheduling was critical, as each of the project's phases was so distinct. Handling complete reconstruction

nate the project systematically and meet the project schedule. J. & M. Brown is proud to have been part of the Winchester Hospital project team."

A.J. Martini Project Manager Phil Balboni commented, "Both the office and field staff of J. & M. Brown Company, Inc. were important partners in the project team and contributed to the successful delivery of this complicated project for Winchester Hospital."



Photo by: Blind Dog Photography

of the facility's second floor while the first floor remained fully operational necessitated off-hour scheduling. In addition, the historic restoration of the administrative and doctors' office building provided its own set of challenges. The project was managed efficiently by general contractor A.J. Martini and Winchester Hospital's project team, to ensure that all trades could coordi-

Winchester Hospital's owner's rep Jack O'Dea said, "J. & M. Brown's work at the Winchester Hospital Cancer Care Center was performed successfully and we are very pleased with the project."

In a separate project, J. & M. Brown Company is also underway with electrical construction of Winchester Hospital's adjacent ambulatory surgery center project.

ELECTRICAL INDUSTRY NEWS

Construction Set to Begin on 4.5MW, 22 Acre Solar Panel Field in Westford

WESTFORD, MA – This fall, NECA contractor Dagle Electric of Melrose in joint venture with IBEW Local 103 signatory contractor L.J. Mishel Electrical Contractors of Ipswich, will begin construction of the Cathartes Private Investments of Boston, MA / Nexamp solar power plant on 22 acres of industrial land bordering Route 3 in Westford, MA. The facility will be constructed in two phases and will utilize 7,000 solar panels on

each of the site's two 11-acre parcels. The solar plant is expected to generate enough electricity to power more than 600 homes. It will be Massachusetts' largest privately owned solar power plant. Cathartes, a leading private development company, is partnering with solar developer Nexamp in the development, construction and operation of the facility.

NECA Contractors Attend Solar Workshop

WEST NEWTON, MA – In addressing the growing Massachusetts solar market, on October 4, NECA Boston Chapter hosted a solar

workshop presented by Lee Smith, principal of prominent solar developer American Solar Partners. The session provided an overview of all aspects of PV projects – site evaluation, design and installation, solar panels, inverters, PV metering, grid interconnection, net metering, funding – Federal Tax Credits, and Massachusetts CEC rebates and tax credits. NECA contractors attending included Averill Electric, Bent Electrical Contractors, Coghlin Electrical Contractors, E.G. Sawyer Company, McDonald Electrical Corp., and Whelan & Denehy.

NECA Boston Chapter and MEI to Present Facilities Energy Audit Workshop November 9 at IBEW Local 103 JATC

BOSTON, MA – NECA Boston Chapter and NECA's Management Education Institute (MEI) will host Phase One Training of the Facilities Energy Audit Education Series Program – the Screening Survey Workshop – on November 9 from 8AM to 5PM at the IBEW Electrical Industry Training Center in Dorchester, MA. The seminar will offer skills that enable NECA contractors' staff

to identify and meet demands of energy efficiency projects in commercial, industrial, and institutional facilities. The program will prepare auditors to conduct high-level assessments of entire facilities. All major systems are assessed, including the building envelope, mechanical and electrical systems. The seminar will be conducted by Mark Toda and Bill Paletski, both senior technical specialists with the Pennsylvania Technical Assistance Program (PennTAP) with Penn State University. For further info or to register, contact NECA Boston Chapter at 617-969-2521.

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