



MECHANICAL CONTROL SYSTEMS

1501 MAIN ST. UNIT 30

TEWKSBURY, MA 01876

P - 978.640.9994

RESUME OF PROJECTS

John Hopkins Hospital

Baltimore, MD

Contractor: The Poole & Kent Corporation
MC Dean, Inc.

Engineer: BR+A Engineering

The new 1.6 million-square-foot complex was one of the largest hospital construction projects in the nation. It marks a new era in patient care at Johns Hopkins. It features two 12-story towers: The Charlotte R. Bloomberg Children's Center, named in honor of New York City Mayor Michael Bloomberg's late mother, and the Sheikh Zayed Tower, named to honor the first president and founder of the United Arab Emirates. There are 560 all-private patient rooms, 33 state-of-the-art operating rooms, and expansive new adult and pediatric emergency departments.

Dartmouth-Hitchcock Medical Center

Lebanon, NH

Contractor: The Bell Company
Griffin Electric

Engineer: BR+A Engineering

Dartmouth-Hitchcock is a national leader in patient-centered health care and building a sustainable health system. Founded in 1893, the system includes New Hampshire's only Level 1 trauma center and its only air ambulance service, as well as the Norris Cotton Cancer Center, one of only 41 National Cancer Institute-designated Comprehensive Cancer Centers in the nation, and the Children's Hospital at Dartmouth-Hitchcock, the state's only Children's Hospital Association-approved, comprehensive, full-service children's hospital.

Boston Convention Center

Boston, MA

Contractor: Mass Electric

Engineer: Vanderweil Engineering

The new Boston Convention & Exhibition Center is a 1.7 million sf facility with 515,000 sf of contiguous convention/exhibition space on one level. The \$451 million building moves Boston into the upper echelon of convention destinations along with locations such as Los Angeles, Chicago, and Washington, DC. The structure includes a 515,000 sf exhibition hall, a 41,000 sf ballroom/banquet room, 165,000 sf of meeting room space, and parking for 200 cars. A 6,800-ton central refrigeration plant and an 800-boiler HP heating plant serve the facility. The first of its kind in the US, an innovative roof drain system siphons rain water from the roof with a non-pitched piping system. (<http://www.vanderweil.com/portfolio.php?p=conferencecenters&project=126>)

Johnston Memorial Hospital

Abingdon, VA

Contractor: The Bell Company

Engineer: Albert F.G. Bedinger Consulting Engineers, P.C.

Johnston Memorial Hospital (JMH) in Abingdon, VA, is a not-for-profit, 116-bed modern medical facility dedicated to bringing quality health care to the residents of this region. JMH is the first "green" hospital in Southwest Virginia, offering a full array of medical services.

Patriot Place

Foxborough, MA

Contractor: NB Kenney Company, Inc

Engineer: RDK Engineers

Patriot Place is an open-air shopping center owned by The Kraft Group. It is located in Foxborough, Massachusetts, built around Gillette Stadium, the home of the New England Patriots and New England Revolution. The first phase opened in fall 2007, which included the construction of a small strip mall. The second phase is built on the site of Foxboro Stadium. It is also home to one of the first locations for Showcase Cinemas' Cinema de Lux brand.

Princess Sentara Hospital

Virginia Beach, VA

Contractor: The Bell Company
Truland Electrical Services

Engineer:

Construction services for a 438,000 SF hospital and central utility plant located on approximately 28 acres. The hospital included 120 patient beds with shell space to accommodate an additional 34 beds, as well as ICUs, ORs, C-section rooms, radiology, emergency department and other support functions. In addition to the hospital and central utility plant, construction also included a 108,000 SF, two-story, cast-in-place parking garage and a 75,000 SF medical office building. (<http://www.whiting-turner.com/portfolio/industry/healthcare/12105/12105.html>)

Dana-Farber Cancer Institute

Boston, MA

Contractor: JC Higgins - Mechanical
McCusker Gill – HVAC
Interstate Electric

Engineer: BR+A Engineering

The 285,000 SF building provides space over 14 floors for 100 exam rooms, 150 infusion chairs, an expanded clinical research center, and public services for dining, retail and quiet reflection. The facility also includes seven levels of underground parking with connections to other Dana-Farber buildings that link to affiliated hospitals, bringing research and clinical staff into close proximity.