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Wayne Griffin Electric completes Mass. Maritime Academy project: project team includes W.T. Rich, RDK and Perry Dean Rogers

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Griffin Electric has recently completed the electrical installation work for the library modernization project at the Massachusetts Maritime Academy (MMA) .

Officially named the American Bureau of Shipping Information Commons, the new 42,000 s/f facility features an historical archive of the MMA's documents and artifacts, in addition to over 51,000 print volumes and 52,000 online books. Supplementary to the institution's impressive catalog is a 50-seat SMART classroom, CAD laboratory, virtual desktop stations, shop model displays and a 360-degree, 50 foot ship bridge simulator, complete with engineering controls, radar screens and electronic charts.

Seeking a LEED Platinum designation, the building incorporates many "green" practices, including a 48-well geothermal system, radiant floor heating, a storm water retention basin, and the use of natural lighting through numerous windows and skylights. The building was constructed utilizing a 100% recycled steel frame, 20% recycled concrete and 40% recycled insulation.

The Griffin Electric team was responsible for the installation of all electrical within the building, including a 13.8 KV high-voltage distribution system, cabling and service distribution, as well as fire alarm and generator systems. Additionally, Griffin provided all the electrical wiring and cabling for the facility's bridge simulator, plus installed a high-efficiency lighting control system and fixtures within the entire building.

The Division of Capital Asset Management (DCAM) project manager, Bill Rafuse, along with resident engineer, Glen Harper, oversaw the owner's requirements of the project, while W.T. Rich Company, Inc., based in Newton, served as the general contractor. Perry Dean Rogers, of Boston, was the project architect and RDK Engineers, of Andover, the electrical engineer. Senior project manager, Tom Donahue, and foreman, Mike Catorio, were responsible for the Griffin team.

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