



CM Services Thomas A. Edison Rehabilitation Preservation of Historic Buildings and Collec- tions (Home and Laboratory) at Glenmont

As a sub-consultant to PB Americas, A.G. Consulting Engineering, PC provided CM services including, but not limited to, sprinkler, standpipe system, fire protection system, fire detection system, fire alarm system and HVAC systems. Construction management and complete supervision of General Contractor/Sub-contractor work consisted of HVAC systems upgrade at the Glenmont Estate at Edison NHS. The scope of the work included the replacement of natural gas fired hot water boiler, the installation of a new vertical borehole type geothermal heat exchanger, water-to-water type geothermal heat pumps, new modular air handling units with both chilled and hot water coils, a new direct digital automatic temperature control system, cleaning of existing low pressure ductwork, installation of external duct insulation on existing supply/return ductworks, new electrical service, and the installation of new branch circuit panels as required for the new HVAC system.

In addition to the HVAC systems upgrade, the scope of work included a new automatic fire detection, alarm and dry pipe sprinkler system. Electrical work included new indoor/roadway lighting, power distribution, fire alarm system, security system and telecommunication system. Architectural/Civil components included removal, salvage and storage of historical items, excavation, exterior ground repairs, masonry repairs, rough and finish carpentry, repair of various architectural finishes including lath, plaster, ceramic tile and decorative painted finishes.

Location:

West Orange, NJ

Owner:

Department of the Interior
National Parks
Services

Services Provided:

Construction Management



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