



NYCHA Hurricane Sandy Capital Improvements Smith Houses

Replacement of generators, steam, condensate, hot water piping for large housing complex

This program was developed due to the damage occurred by the effects of Super Storm Sandy and includes site assessment and due diligence study followed by engineering design. The Design Project is for the restoration of the site, mechanical, electrical and plumbing systems damaged by the storm and associated architectural and structural work. Governor Alfred E. Smith Houses in Manhattan has 12 buildings, 15, 16 and 17-stories tall with 1,931 apartments housing some 4,316 people. The 21.75-acre complex was completed April 1, 1953 and is bordered by St. James Place, Madison, Catherine and South Streets.

AG's scope of work is as follows: Replace condensate receiver tank and pumps. Replace vacuum pumps, and control panels. Replace insulation of all steam, condensate and hot water piping in the Basement. Replace all associated steam, condensate and hot water piping damaged by the flood along with all valves, controls, actuators. Replace existing steam to water domestic water storage tank, circulating pump and associated valves and piping as required. Replace electrical service and distribution equipment. Replace compactor motor, associated controls, disconnect switches and wiring. Replace associated wiring for Compactor Room and Tank Room sump pumps. Replace associated wiring and disconnect switch for vacuum and condensate pumps. Provide a permanent, elevated gas driven emergency generator with sound attenuated enclosure and associated feeders, panels and transfer switches on roof. Placement of generator, electrical room and automatic transfer switch room on roof. Replace the sump pumps and damaged pipe insulation in Compactor Room, Tank Room, Storage Room and Boiler House.



Location:
New York, NY

Owner:
NYCHA

Client:
Ismael Leyva Architects

Construction Cost:
\$50mm (four buildings)

Completion Date:
Ongoing

Services Provided:
Mechanical
Electrical
Plumbing
Fire Protection

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