



NYCHA Hurricane Sandy Capital Improvement Program Astoria Houses

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. Astoria Houses consists of 22 buildings, some 6 and some 7-stories high. The Queens development has 1,102 apartments that are home to some 3,135 people. Completed November 9, 1951, the complex is on 32.3-acres bordered by 27th Avenue, 8th Street, Hallet's Cove, and the East River.

AG's scope of work was as follows.

- Replaced vacuum/condensate units and all associated pumps, controls and piping damaged by flooding
- Provided 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
- Replaced existing electrical service and distribution equipment damaged by flooding
- Replaced service C/T equipment, main service switch and switchboard damaged by flooding
- Replaced distribution boards and branches damaged by flooding
- Replaced domestic hot water heaters and all associated motors, pumps, controls and piping damaged by flooding
- Replaced indoor trash compactors, controls, power and associated equipment (sprinkler head) damaged by flooding



A.G. CONSULTING ENGINEERING, PC

Location:

Queens, NY

Owner:

NYCHA

Services Provided:

Mechanical

Electrical

Plumbing

Fire Protection

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