



RECOVERY — TO — RESILIENCY

Baruch Houses

Contact Information:

Email: disaster.recovery@nycha.nyc.gov

Hotline: 212- 306- 8537



When Hurricane Sandy hit on October 29, 2012 residents in over 750 NYCHA buildings lost essential services such as electricity, elevators, heat and hot water.



NYCHA responded by negotiating a historic grant with the Federal Emergency Management Agency (FEMA) to not only repair the sites but to rebuild better, safer, and smarter.

- NYCHA fought for every dollar and received the funds in December 2015. Since then, we've worked as fast as possible to safely begin permanent repairs.



We are here today to provide another project update.

Funding ◀



FEMA provides funds to repair damage at Presidentially Declared Disaster areas, such as New York City after Hurricane Sandy.



In 2015, NYCHA received a historic grant from FEMA after years of difficult negotiations.



NYCHA received the funds to repair damage caused by Hurricane Sandy across 33 sites and to better protect them against future storms. The scope of work for each site required approval from FEMA before the funds were awarded.



Unfortunately, FEMA funding can not be used to repair damage inside of apartments or buildings unless the damage was caused by Hurricane Sandy.

Baruch Scope of Work ◀

- ✓ **Site Restoration** (sidewalks, fencing, pathways) of Sandy-damaged areas as well as any areas affected by construction.
- ✓ **Abatement and restoration of building crawlspaces** as required to remove potentially hazardous material and repair/replace insulation damaged by Sandy.
- ✓ **New annexes to house electrical equipment** above the predicted flood elevation to ensure residents do not lose essential services during future storms.
- ✓ **Full roof replacement** at building 15 to help better resist the elements.
- ✓ **Restoration of doors, frames, and hardware** in common areas damaged by flooding.



Baruch Scope of Work ◀

- ✓ **Renovation of first-floor apartments** damaged by Sandy.
- ✓ **Restoration of Sandy-damaged portions of mechanical, electrical and plumbing** systems necessary for buildings to function as designed.
- ✓ **Replacement of underground electrical conduit.** Electrical conduit protects the wiring that distributes electricity throughout the site.
- ✓ **Upgrade of site lighting** to meet New York City Housing Authority standards. The upgraded lighting will be more energy efficient.



Baruch Scope of Work ◀

- ✓ **Closed-circuit television (CCTV) cameras and Layered Access Systems (LAC)** at funded buildings to improve site security. LAC will be installed at building entryways and will improve security by operating with key fobs instead of standard keys. Key fobs operate electronically and can be quickly deactivated if lost.
- ✓ **Construction of a new, energy-efficient steam pressure-reducing valve station** in collaboration with Con Edison to provide the site with heat and hot water.
- ✓ **Installation of standby generators** to provide funded buildings with full power in the event of an outage.
- ✓ **Flood wall on Baruch Drive and other flood proofing measures** to protect buildings in flood-prone areas.
- ✓ **Restoration of playground surface areas and play structures** damaged by Sandy.



Baruch Site Map

SEATING AREA AT FLOODWALL



NEW AWNING WITH CONDUIT



PRESSURE- REDUCING VALVE STATION

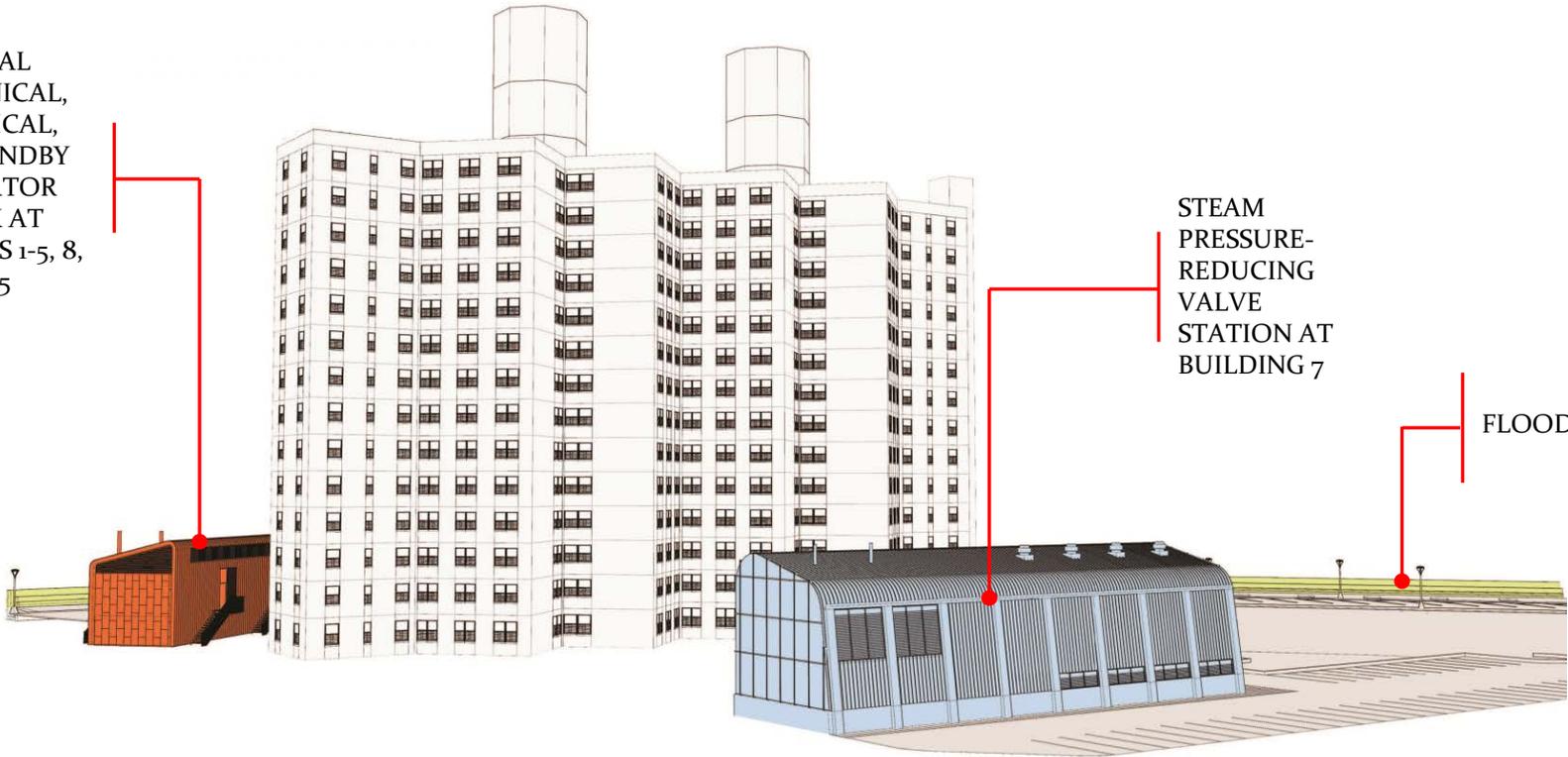


LEGEND:

- FUNDED BUILDING
- MECHANICAL / ELECTRICAL ANNEX
- PRESSURE- REDUCING VALVE (PRV) STATION
- FLOODWALL ON BARUCH DRIVE
- STANDBY GENERATOR
- AWNINGS WITH CONDUIT

Site Additions ◀

TYPICAL
MECHANICAL,
ELECTRICAL,
AND STANDBY
GENERATOR
ANNEX AT
BUILDINGS 1-5, 8,
9 & 15



STEAM
PRESSURE-
REDUCING
VALVE
STATION AT
BUILDING 7

FLOODWALL

Steam Pressure-Reducing Valve Station ◀



Mechanical & Electrical Annex ◀



Floodwall on Baruch Drive ◀



Frequently Asked Questions ◀

Which buildings at this site are included in the Recovery to Resiliency program's scope of work?

Buildings 1, 2, 3, 4, 5, 7, 8, 9, and 15 are included in the Recovery to Resiliency program's scope of work at Baruch Houses. NYCHA fought for every dollar during negotiations with FEMA and pushed to include all buildings in the scope of work. Ultimately, FEMA determined that only these buildings were damaged by Hurricane Sandy and eligible for funding.



Frequently Asked Questions ◀

Will residents be required to walk around the proposed flood wall to reach the other side of Baruch Drive?

No. The proposed flood wall on Baruch Drive will feature four access points that will comply with the Americans with Disabilities Act (ADA). Residents can use these access points to reach either side of Baruch Drive.

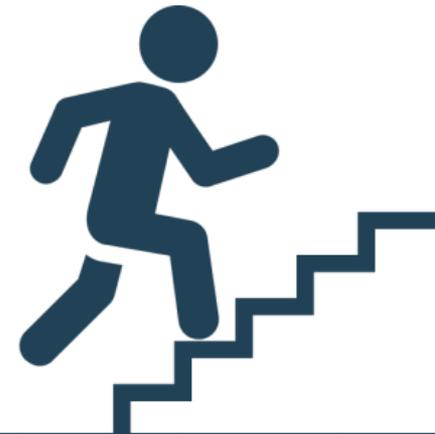
Who can we contact if we have questions or concerns about the Recovery to Resiliency program?

The Recovery to Resiliency program's community outreach team works closely with NYCHA residents and other community members to provide regular updates on recovery activities and project schedules. If you have questions or concerns call 212.306.8532.



Next Steps ◀

- ✓ The design plans for Baruch Houses have been completed.
- ✓ NYCHA will begin to secure a construction bid in fall 2017 – a process that could last up to four months.
- ✓ Construction is expected to begin in early-2018. Barring delays, the project will take 38 to 42 months to complete.
- ✓ We will meet regularly with Baruch Houses stakeholders throughout the construction period to provide project updates.



Thank You

RECOVERY ——— TO ———
————— RESILIENCY

NYCHA'S SUPERSTORM SANDY RECOVERY PROGRAM

Learn more about our program at:
www1.nyc.gov/site/nycha/about/recovery-resiliency.page

