

ATLANTIC YARDS CONSTRUCTION UPDATE
Weeks of February 14, 2011 through February 27, 2011

In an effort to keep the Atlantic Yards Community aware of upcoming construction activities, ESD and Forest City Ratner provide the following outline of anticipated upcoming construction activities.

Please note: the scope and nature of activities are subject to change based upon field conditions. In addition, during the utility work water shut offs may be required; these shut downs are done under the oversight of DEP and property owners will be given advance notice. All work has been approved by appropriate City and State agencies where required.

If you have any questions please feel free to contact our project Ombudsperson, Forrest Taylor, at: 212-803-3233 or AtlanticYards@empire.state.ny.us

Weeks covering February 14, 2011 through February 27, 2011

Long Island Rail Road/Vanderbilt Yard/ Carlton Avenue Bridge

- Structural Test Pile lateral load tests will be performed on piles previously drilled within the rail yard continues and is expected to be completed during this reporting period.
- Work related to the demolition of the Carlton Ave Bridge and the associated piers located in the north side of the existing LIRR yard located within blocks 1120 & 1121 is complete. Removal of the concrete footings and piers is complete. Removal of the old north abutment by saw-cutting and hoe ram will continue during this period.
- Construction of the AO1-2 concrete vault and transformer pad along with the associated electrical duct banks has been completed. The area will be turned over to LIRR for their installation of the substation equipment. Forest City is not involved with that work.
- Posillico/Tully JV will mobilize to the site during this period. Posillico/Tully JV will install their site trailers on Block 1129. They will also start site clearing and grubbing and perform test pits within blocks 1120 & 1121.
- Tracks Unlimited will be on site during this period to remove the remaining north lead track and the tracks within the car shop located on block 1121.
- Posillico/Tully to install Construction fence along Vanderbilt Ave on Lot 42 to prepare for the drilling of soldier piles. This work can not start until the demolition of the north east gas station is completed.
- Posillico/Tully to start work to raise the grade at the bump area located in Block 1120 to prepare for drilling of north side piles. Mobilization drill rigs and associated equipment and drilling of piles on the north side of the yard adjacent to the bump will commence during this work period.
- Underground storage tanks at Block 1121 Lot 42 have been temporarily closed and safeguarded by purging tank vapors with nitrogen and capping all applicable tank appurtenances according to Fire

Department Regulations. This work was completed in connection with upcoming above-grade demolition at Block 1121 Lot 42.

- Posillico/Tully is expected to commence demolition work in the car shop to prepare for underpinning of the south wall of the LIRR Tunnel

Environmental Remediation

- Soil that has been classified as clean, contaminated or hazardous will be removed from the site as part of the excavation activities and brought to appropriate disposal locations.
- Where excavation and soil moving activities occur in areas of known Volatile Organic Compounds (VOC's) (BL 1119, lot 1 & 64, BL 1118, lot 1 and BL 1127, lot 1) VOC monitoring will be performed as required in the Community Air Monitoring Plan ("CAMP") and VOC Best Monitoring Practices documents.
- CAMP monitoring is continuing on all areas of soil disturbance per the project plan, including excavation, grading and demolition.
- Work related to the post-injection performance monitoring sampling at Block 1119 Lot 1 and Block 1118 Lot 1 has been completed. The first round of in-situ chemical oxidation injections at Block 1127 Lot 1 has also been completed. Additional remediation performance monitoring sampling may be completed on Block 1127 Lot 1 during this period. All work was completed as a remedial action under jurisdiction of New York State Department of Environmental Conservation (DEC).

Infrastructure

- A new water trunk main will be installed along Atlantic between Flatbush and 6th Avenue and associated distribution mains will be installed in the Flatbush/Atlantic Avenue intersection, and approximately 200 feet south in Flatbush toward Pacific Street. Work related to the original scope of an exploratory trench across Flatbush near Atlantic, and test pits along Atlantic Avenue to 6th Avenue, including additional pits requested by DEP have been completed. Recently, the DEP requested additional test trenching in Flatbush. This work was completed as well
- Work on the new trunk water main will commence this period on the south side of Atlantic Avenue across from the Ft Green intersection and will continue eastward for the next 5 months. A section west of the Ft Green intersection will be installed in May 2011 when Transit Connection activities allow. All work will be performed behind MPT.
- The MPT along Atlantic Avenue will be modified near the 6th Avenue intersection during the next 2-week period.
- During the course of utility installation work, the contractor may encounter unforeseen contaminants, underground storage tanks or other structures. In the event that this happens and where appropriate, notification will be given to the DEC, VOC monitoring will be continuously performed, and remediation steps will be implemented.

- The Utility contractor and its subcontractors will be conducting inspections, videotaping and cleaning of the new sewers in Atlantic and Flatbush as part of the sign off requirements for the DEP. Work will continue over the next two week period.
- The DEP, with its own forces, will be repairing a sewer line in the bed of Atlantic Avenue west of 6th Avenue. This work was not reported in the last two week look ahead because it was not foreseen at that time. Work will begin this period and may extend into the two week period.

Demolition

- Applications have been submitted to the Department of Buildings for 808 Pacific and 514 Vanderbilt Avenue and are in the review process. Demolition will begin when permits are received.
- Underground storage tanks at Block 1121 Lot 42 have been closed in accordance with Fire Department Regulations. This work was conducted in connection with and prior to upcoming above-grade demolition at Block 1121 Lot 42.
- Abatement is complete at 768 Pacific Street and 603 Dean Street during this reporting period. Roofing abatement was delayed due to snow cover.
- Subject to the receipt of necessary permits, demolition of the former gasoline station at the corner of Vanderbilt Ave and Atlantic Ave, block 1121, lot 42 and the former warehouse at 808 Pacific Street, may commence during this period.

Arena

- Waterproofing and backfilling along the outside of the arena Atlantic Avenue foundation wall will resume, subject to weather conditions, during this reporting period.
- Steel deliveries and steel erection will continue throughout this reporting period.
- Installation of SOE along the southern portion of the arena building, continuing down Dean continues during this period; additional rakers and sheeting is required in this area, as well as revisions to some existing SOE to accommodate placement of sewer pipe along Flatbush Avenue Within this same area, excavation will continue within the footprint of the arena (block 1127). During this period drilling for soldier piles, lagging and tiebacks will continue east of the Dean Street and Flatbush Avenue intersection.
- Mass excavation within the southeast quadrant of the site will continue during this reporting period.
- Work related to the SOE installation and related excavation within the southeast and southwest quadrants of the arena block, paralleling Dean Street, will continue during this reporting period.
- The excavation and SOE lagging and tiebacks installation for the ConEd vault on Dean Street will continue this period.
- VOC monitoring as required by the CAMP, as well as use of enhanced personal protective equipment (PPE) in some instances, will continue during SOE installation and excavation work on Block 1127

Lot 1. A concrete slab of approximately 2'-4 inches ("cap") has been placed at grade within the area where VOC releases have been elevated to allow work to continue with minimal enhanced PPE and to limit as much emissions as possible at this location. It is likely that the enhanced PPE requirement will be terminated during the reporting period.

- Installation of footings along Flatbush Avenue in Block. 1127 continuing towards the intersection of Dean Street and Flatbush Avenue continues.
- The application of waterproofing to the foundation walls from the 6th Avenue at Pacific Street starting north and then west down Atlantic Avenue will continue during this reporting period, as weather allows. Backfilling at these locations will follow the waterproofing and is expected to continue during this reporting period.
- Waterproofing of the west side storm retention tank exterior, followed by backfilling, is expected to continue, as weather allows, during this period.
- Layout/installation related to the underground plumbing will continue within the northeast quadrant (near Atlantic Avenue & 6th Avenue portion of the site) and will proceed west down Atlantic Avenue during this reporting period. Underground plumbing will continue within the Block 1127 area in controlled access zones beneath the structural steel erection as needed this period.
- The removal of the retaining wall along the north side of the former Pacific Street and the creation of a new access ramp into the site from Pacific Street will continue this period. The retention wall removal procedure has been reviewed and approved by DOB.
- The excavation for a new, temporary bowl access ramp that opens into Dean Street near intersection with Flatbush will continue during this reporting period. A site access gate to be located at the intersection of Dean Street and 6th Avenue, with curb cut at Dean Street, may be installed during this reporting period. The ramp that was previously reported to go in this area is no longer contemplated.
- Underground electrical installation will continue as needed during this reporting period. This work is taking place within Block 1119 and Block 1127 where the concrete foundations and footings are being poured and beneath the structural steel erection within control access zones
- Work, formwork and rebar placement, related to the installation of the perimeter wall at the east end (6th Avenue) will be discontinued during this reporting period and resume following the demolition of the east end of the Pacific Avenue retaining wall and placement of the access ramp.
- The maintenance of the site to accommodate steel erection will continue during this period. Steel erection sequences 203-6-and 307-308 and 408for lift #2 & #3@ lower suites to upper concourse elevation) are continuing. Steel deck placement will continue in sequences 304-305 this period. Preparation for concrete slab on deck placement in sequence 106 is projected to start this reporting period, including the first deliveries of the reinforcing steel. These deliveries are projected to be off loaded from inside the Atlantic Avenue MPT lane.
- The excavation and concrete footing placement for a long term but temporary visual mock-up of the weathered steel façade panels is expected to begin this period in the northwest parking lot of Lot 1129 (752 Pacific Street). The mock-up panel delivery and placement of the footing is expected to be completed in during the reporting periods covering March 7th through March 25th.

- Preparation of the lay down and storage area to the east section of 752 Pacific Ave., Lot 1129 is expected to start this reporting period, following completion of adjacent demolition activity.
- During the course of the excavation work, the contractor may encounter unforeseen contaminants, underground storage tanks or other structures. In the event that this happens and where appropriate, notification will be given to DEC, VOC monitoring will be continuously performed while excavating these materials and remediation steps will be implemented.
- Coordination activity, including excavation to assist with the installation of the infrastructure piping at Flatbush Avenue and Dean Street will continue during this period.

Weekend work will be scheduled no later than close of business on the preceding Thursday, where makeup work due to weather or other delays makes it necessary.

Atlantic Yards is participating in the City's Urban Canvas program which is managed by the City's Department of Buildings; as such a decorative covering has been installed on a portion of the construction fence facing Atlantic Avenue (approximately 200 feet in length); it is one of four sanctioned designs selected by the City. To find out more information about the program go to the following website: www.nyc.gov/urbancanvas

NYC Transit Improvements

- Cross bracing has commenced and excavation is substantially complete. Smaller bracing is currently in progress at the existing structure at the tip of the intersection. Vibration and Tilt sensors have been installed and are being monitored per NYCT requirements.
- Work related to the excavation of test holes at various points within the project footprint will continue during this period as well.
- Classification of soil will be completed for proper disposal, as selective excavation continues. The soil testing work has been completed, except for one area for which access is not yet available. All soil has tested as "non-hazardous".
- Demolition of the TA structures continues. IRT and BMT Tunnel inspections have taken place and repair work will be implemented during scheduled NYCT track outages during evenings and weekends. IRT Track Outages are now scheduled for the weekends of February 5th and 19th. BMT Track Outages are now scheduled for March 5th, 12th and April 19th. Additional GO's for both the IRT and BMT will be evaluated as the work progresses. Minor repair and cleanup work will occur on selective evenings under scheduled NYCT flagging protection.
- Permits have been secured for the portions of the street immediately adjacent to the "Tip" of the project area (at the corner of Flatbush and Atlantic). Concrete plank/decking in the roadway is now complete, with the exception of one small area on Atlantic Ave. Custom concrete plank is being fabricated and will be placed at night under DOT permits during this period. This work being done to allow the Fare Control Area excavation & demolition to continue below the street. Traffic will be restored every morning according to DOT stipulations.
- Concrete sealer slab and waterproofing have commenced and will follow at the main transit entrance where the staircase/elevator/escalator is located.

- Minor mechanical, electrical and plumbing work within the subway station below ground is underway to accommodate new station configuration.
- MPT @ Flatbush Ave - Maintenance of the MPT has been suspended due to the recent snow storms experienced over the last month. At this time the MPT is still in place but the lane changes are not being performed until the weather condition permit. We have advised the DOT that once the weather permits; the MPT will be restored and maintained.

Anticipated Night Time & Weekend Work

During this reporting period the following work will be performed either at night or during the weekend as noted. All work will be done pursuant to approved permits:

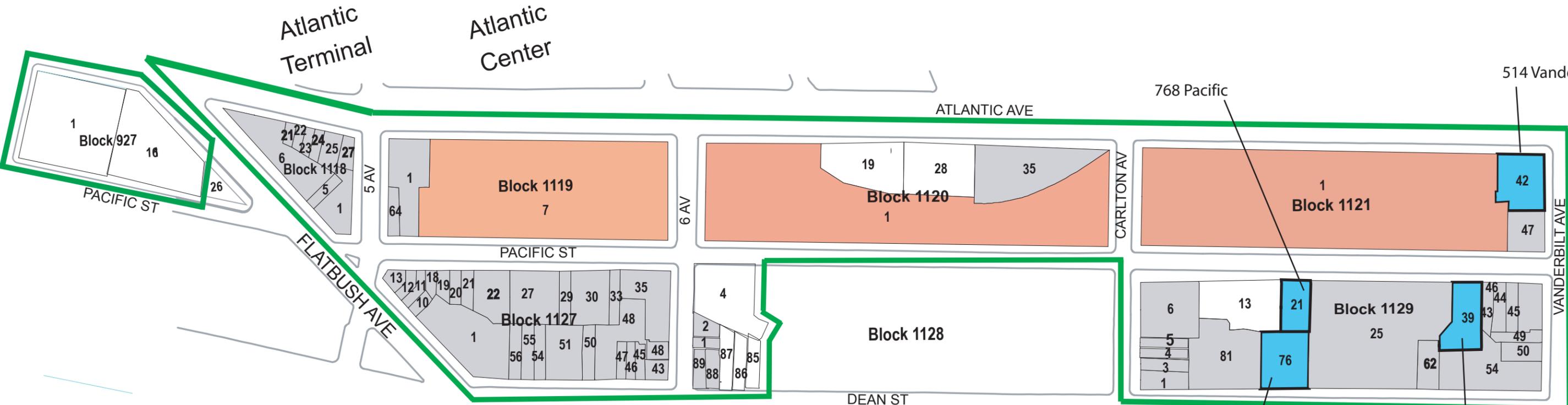
- Arena Site:
 - Weekend work will be scheduled no later than close of business on the preceding Thursday, February 19th and/or February 26th, where make-up work due to weather or other delays makes it necessary.
- NYC Transit Improvements:
 - Temporary concrete decking, as noted above, will be installed along Atlantic Avenue and will be performed at night per DOT requirements. Traffic will be restored every morning according to DOT stipulations.
 - Work related to demolition of BMT structure may be conducted on Saturdays, February 19th and/or February 26th during this reporting period. All such work will take place within the site.
- Infrastructure:
 - Work related to additional test trenching in Flatbush will be performed at night during this reporting period, weather permitting.
 - Work performed by DEP related to emergency repairs of a sewer in Atlantic will be performed at night during this reporting period, weather permitting.
- Demolition:
 - None anticipated at this time.
- Block 1129 – staging arena:
 - Contractors conducting night work may have cause to enter and exit this area as it serves as a staging and material/equipment storage area.

During the course of work conditions may be encountered at the site which may warrant the need for night and/or weekend work. Work will be done pursuant to approved permits. The above listing is not meant to be an exhaustive list.

Community Liaison Office (CLO)

Persons seeking access should do so from Carlton Avenue. Both the CLO phone line (866-923-5315) email (communityliaison@atlanticyards.com) are operational and community residents are encouraged to use both when making inquiries about the project.

Atlantic Yards Demolition Status

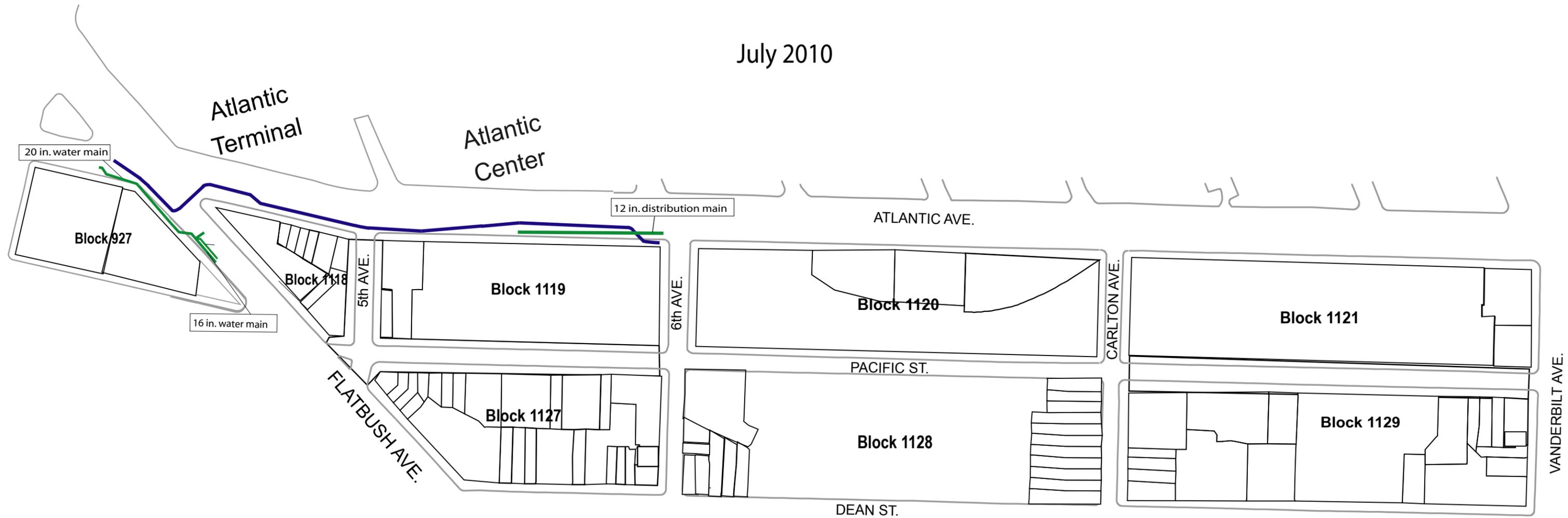


- vacant lot
- Abatement or Demolition Underway/ Filings in Progress
- LIRR Yard

as of February 1, 2011

Location of Water Main Work

July 2010



-  36"/48" trunk water main
-  12", 16", & 20" water main & 12" Distribution Main