

ATLANTIC YARDS CONSTRUCTION UPDATE  
Weeks of February 28, 2011 through March 13, 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](mailto:AtlanticYards@empire.state.ny.us)

Weeks covering February 28, 2011 through March 13, 2011

Long Island Rail Road/Vanderbilt Yard/ Carlton Avenue Bridge

- Removal of the old north abutment by saw-cutting and hoe ram continues during this period.
- Posillico/Tully JV will continue site clearing and grubbing and perform test pits within blocks 1120 & 1121.
- Tracks Unlimited will be on site during this period to install a track crossing at the east end of tracks T1 & T2 under the 6<sup>th</sup> Avenue bridge to allow LIRR access to its substation during the contraction of the new north yard.
- 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. Demolition of the gas station will take approximately one week.
- 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.
- Posillico/Tully is expected to commence demolition work throughout 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. The second round of in-situ chemical oxidation injections at Block 1127 lot 1 may begin during this reporting 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 6<sup>th</sup> 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 on the new trunk water main continues during 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 continues to be modified near the 6<sup>th</sup> Avenue intersection during this 2-week period. Modifications to the MPT have been delayed due to weather conditions.
- 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 have been conducting inspections, videotaping and cleaning of the new sewers in Atlantic and Flatbush as part of the sign off requirements for the DEP. While this work is essentially complete, it may continue during this reporting period if additional investigations are requested by DEP. Using its own forces, DEP completed repair work on a sewer line in the bed of Atlantic Avenue west of 6<sup>th</sup> Avenue during the prior reporting period.

### Demolition

- Demolition of 808 Pacific Street has commenced and is expected to be completed during this reporting period. An application for a demolition permit has been submitted to the Department of Buildings for 514 Vanderbilt Avenue and are in the review process. Demolition will begin when permits are received.
- Abatement of 768 Pacific Street and 603 Dean Street has been completed. Applications for demolition permits are being prepared and are expected to be submitted during this reporting period.

- 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 may commence during this period.

#### Arena

- Hunt is implementing a revised local delivery truck route to the site from the Block 1129 Material Laydown/Staging Area to use the new Dean Street ramp access gate. The revised route is:
  1. Banker & IPS trucks waiting in Hunt Material Laydown Area next to our office at 752 Pacific Street (block 1129)
  2. Truck will make right out of Lot and head East down Pacific.
  3. Truck will make right onto Vanderbilt
  4. Truck will make right onto Flatbush
  5. Truck will make right onto Dean
  6. Truck will make left into Dean Street Entrance

This route will be discontinued following completion of the installation of the permanent access ramp at the intersection of 6<sup>th</sup> Ave & Pacific Street, which is projected to be complete on or about June 1,

- Waterproofing and backfilling along the outside of the arena Atlantic Avenue foundation wall will continue, 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. SOE for the sewer pipe is complete
- 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 have been completed. Concrete placement preparation for the ConEd vault will continue during 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 since excavation within the high VOC release zone has been completed. The industrial hygienist on site monitoring under design build consulting agreement will cease at the end of this period.
- Installation of footings along Flatbush Avenue in Block. 1127 is continuing eastward from the intersection of Dean Street and Flatbush Avenue.

- The application of waterproofing to the foundation walls from the 6<sup>th</sup> 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 & 6<sup>th</sup> 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 permanent access ramp H-Pile installation and SOE will begin during this reporting period.
- The excavation for a new, temporary bowl access ramp that opens into Dean Street near intersection with Flatbush has been completed and the ramp is now in use.
- 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
- Concrete work, formwork and rebar placement, related to the installation of the perimeter wall at the east end (6<sup>th</sup> 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 410 @ (lower suites to upper concourse elevation) continues. Steel deck placement will continue in sequences 408 this period. The detailing of sequences 110-111, 203-205, 211-213, 303-308, 407-409 will continue this period.
- The placement of concrete on metal deck (SOD) is projected to start during this reporting period. Lathing (rebar placement) work will commence on superstructure decks prior to concrete placement in this period.
- The placement of slab on grade (SOG) concrete is expected to start during this reporting period.
- The excavation and concrete footing placement for a long term but temporary visual mock-up of the weathered steel façade panels will continue 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 during the reporting periods covering March 7th through March 25<sup>th</sup>.
- 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 make-up 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](http://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. The balance of the bracing will be installed over the next 2 to 3 weeks. 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. BMT Track Outages are now scheduled for March 5<sup>th</sup>, 12<sup>th</sup> and April 16<sup>th</sup>. 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 substantially complete. 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 is now complete. Reinforcing steel is in progress 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 - The MPT was restored on Wednesday, February 16<sup>th</sup>.

### 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:

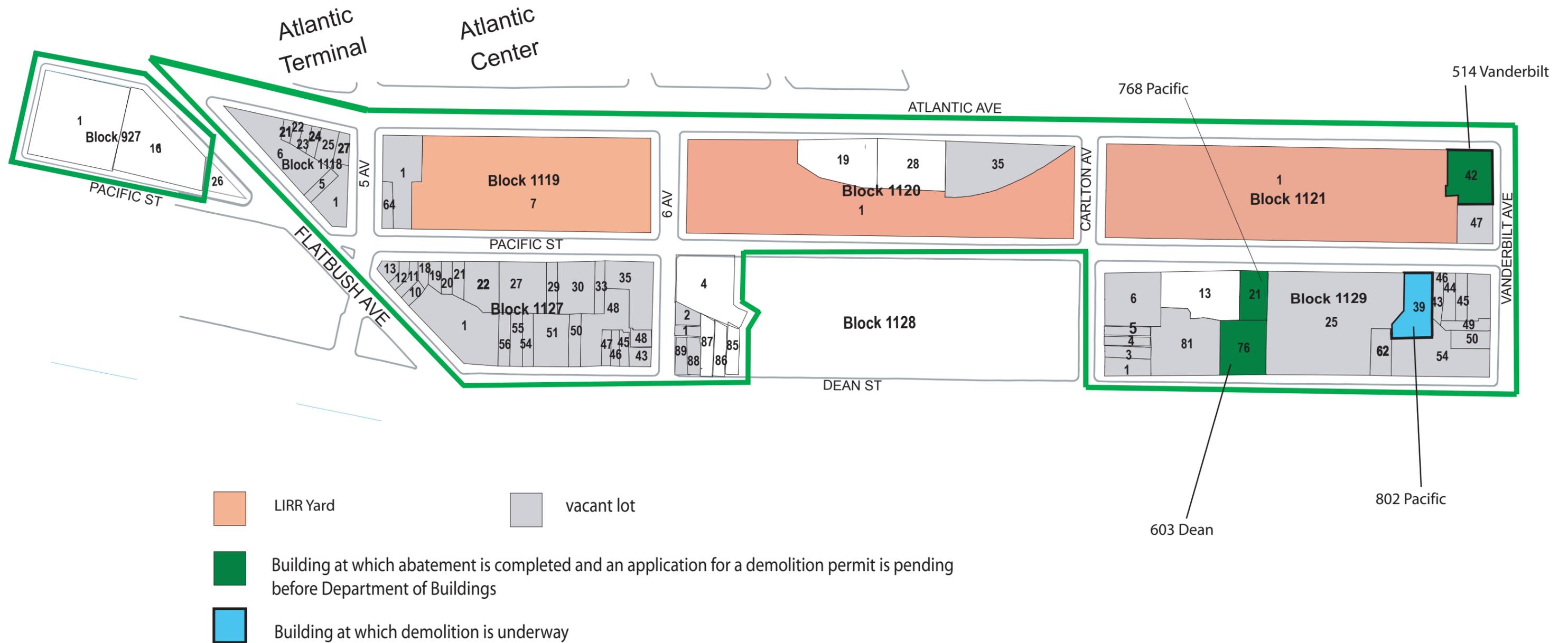
- **Arena Site:**
  - Weekend work will be scheduled no later than close of business on the preceding Thursday, February 19th and/or February 26th, where make-up work due to weather or other delays makes it necessary.
  
- **NYC Transit Improvements:**
  - Temporary concrete decking is substantially complete however, in the event there is a need to do any related work, such work will be performed at night per DOT regulations. Traffic will be restored every morning according to DOT stipulations.
  - Work related to demolition of BMT structure may be conducted on Saturdays, March 5<sup>th</sup> and/or March 12<sup>th</sup> during this reporting period. All such work will take place within the site.
  - BMT Track Outage will take place on the weekends of March 5<sup>th</sup> and March 12<sup>th</sup> and will start on Saturday, 12:01am, and extend until Monday, 4am. Public Notifications of service impacts will be done by the TA through postings at stations by the Tuesday prior to the actual outage.
  
- **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](mailto:communityliaison@atlanticyards.com)) are operational and community residents are encouraged to use both when making inquiries about the project.

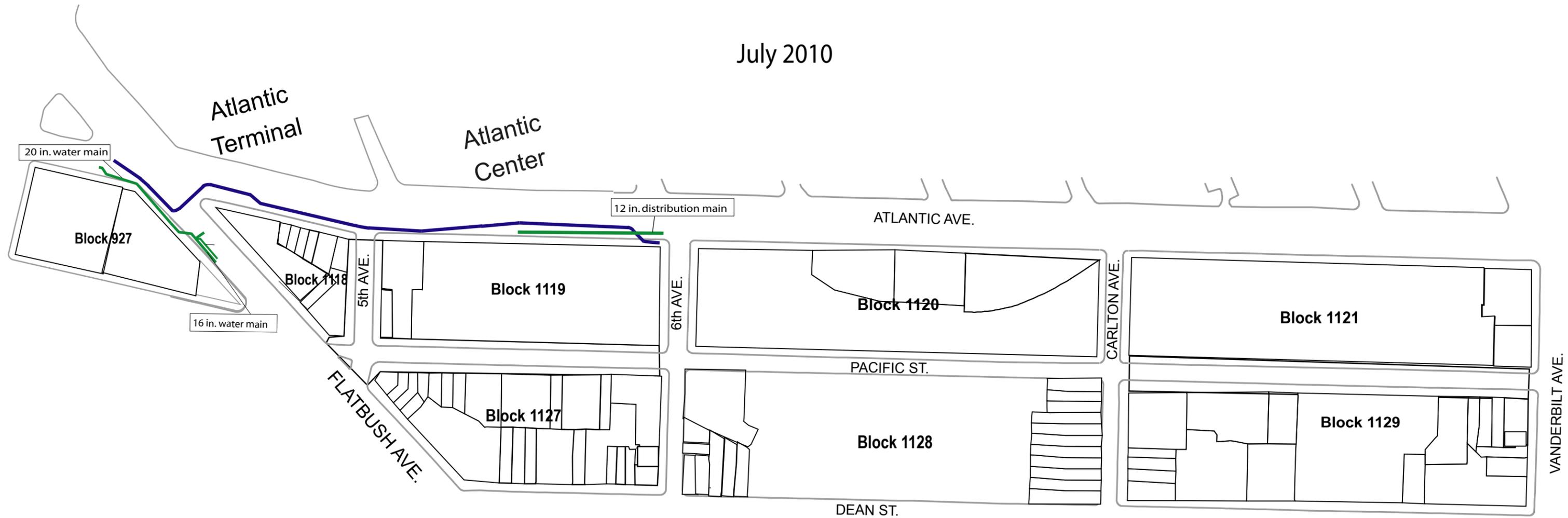
# Atlantic Yards Abatement & Demolition Status



as of February 28, 2011

# Location of Water Main Work

July 2010



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