

ATLANTIC YARDS CONSTRUCTION UPDATE
Weeks of April 25, 2011 through May 8, 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 April 25, 2011 through May 8, 2011

Long Island Rail Road/Vanderbilt Yard/ Carlton Avenue Bridge

- Posillico/Tully continues work related to razing of the grade at the bump area located in Block 1120 (near lots 19 & 28 and adjacent to the access ramp) for drilling of north side piles. SOE pile drilling will continue during this work period.
- Posillico/Tully will continue demolition work throughout the car shop (along Atlantic Avenue) for underpinning of the south wall of the LIRR Tunnel. Mobilization for the drilling of car shop mini piles will start during this period.
- Posillico/Tully to continue working on the underpinning of the south wall of LIRR tunnel within the car shop area.
- Excavation and soil removal work will continue during the reporting period.
- Posillico/Tully will continue to receive deliveries of steel pipe for pile drilling during this reporting period.
- Posillico/Tully to mobilize and start working on the mid block SOE piles. This work is located on the south side of the jobsite located in blocks 1120 & 1121.
- Work related to the fit out of Block 1129 (related to staging) has commenced. Work will entail the installation of water, sewer and electric service to the new location of the LIRR Maintenance of Equipment department trailers for LIRR. These trailers will be located on the east end of this block at Vanderbilt Avenue and Pacific Street.
- Posillico/Tully will drill Mini-Pile for load test in the CAB north abutment area.

- On or about May 2, 2011, construction in the yard will commence at 6:00am. Work must be done in close proximity to the temporary yard tracks where the trains are stored during the day. This work is expected to take place over the next three to four months.

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. A second round of in-situ chemical oxidation injections at Block 1127 lot 1 is currently underway, and will be completed during this reporting period. All work is being completed as a remedial action under jurisdiction of New York State Department of Environmental Conservation (DEC).
- Soil discovered during excavation that contains a limited amount of small vials containing arsenic has been covered with and staged on plastic on the southern area of Block 1127. The stockpiles of soil have been secured and will be inspected daily to ensure secure containment and compliance with the Storm Water Pollution Prevention Plan and Hazardous Materials Health and Safety Plan. The origin of these vials remains unknown. Endpoint samples collected from the area where the vials were first observed indicated that there were no additional impacts to surrounding or underlying soils. A treatment and disposal facility for this stockpiled soil has been selected (EQ of Belleville, Michigan). The stockpiled soil is planned to be transported to the aforementioned facility for treatment and disposal during this reporting period pending formal facility paperwork review and approval, which is currently underway. All remediation work associated with this stockpiled soil will be performed in accordance with the Hazardous Materials Health and Safety Plan.
- Cleanup of the standing water and oil mixture in the basement at the one-story structure affiliated with 752 Pacific Street has been completed. Sub-slab soil samples have been collected for laboratory analyses; results are currently pending. The remaining aboveground storage tanks (ASTs), which have been cleaned, are scheduled to be removed during future demolition work. All work is being completed in accordance with and under jurisdiction of the DEC.

Infrastructure

- On behalf of the DEP, FCRC will manage the installation of a new water trunk main and associated distribution mains on Flatbush and Atlantic Avenues. The work is divided into three stages.
 - Stage One is the work on the west side of Flatbush, north of the Atlantic intersection, continuing across Flatbush to the edge of the transit improvements on the arena block. This is called Stage One because the design of this section was critical to the remaining two stages. The actual installation will follow stage two.
 - Stage Two is the work along the south side of Atlantic Ave from a location just west of the former 5th Avenue bed, running eastward to a location west of the 6th Avenue intersection.
 - Stage Three is the area between stages one and two, across the top of the future new transit station improvements.
- Work on the new trunk water main continues during this period on Stage Two on the south side of Atlantic Avenue east of the Fort Green intersection and will continue eastward for the next 3 months. A section west of the Fort 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 has been modified near the 6th Avenue intersection.
- 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 DEP will be conducting final inspections of the sewer and water work on Atlantic and Flatbush Avenues over the next two 2-week periods.

Demolition

- Applications for demolition permits for 768 Pacific and 603 Dean were submitted in the previous two-week reporting period and an Alt-2 alteration permit was filed to remove a one-story addition on the east side of 752 Pacific, where the oil residue and leaking tanks were discovered. The addition will be removed in conjunction with the 768 Pacific building. Asbestos filings for the one-story building are being prepared and will be submitted during this reporting period.
- The DOB signed off on the demolition of 514 Vanderbilt.

Arena

- Hunt has implemented 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 adjacent to 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 6th Ave & Pacific Street, which is projected to be complete on or about June 1. The route may be used at a later date to assist with deliveries to a laydown area to be prepared adjacent to Dean Street within the construction fence line.

- 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.
- Precast concrete erection will commence at the north side of the arena during this reporting period.
- Excavation for the footings and walls will continue within the footprint of the arena during this reporting period.
- Mass excavation has been completed. Large scale excavation will resume along the Dean Street perimeter when the Pacific Street ramp is re-installed.
- Work related to the SOE installation and related excavation at the Haier Store area, located at the Pacific Street terminus of the Arena Block, which is located at the 6th Avenue & Pacific Street side of the arena, has been completed.
- VOC monitoring as required by the CAMP continues.
- Installation of footings and perimeter walls is continuing eastward from the intersection of Dean Street and Flatbush Avenue and north on 6th Avenue.
- The application of waterproofing to the foundation walls from 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 southwest, northwest and northeast portion of the site. Underground plumbing will continue within the arena footprint including in controlled access zones beneath the structural steel erection as needed this period.
- The installation of the ice rink floor refrigeration piping will continue during this reporting period.
- The drilling of the hydraulic elevator piston will be initiated this reporting period.
- The spray fireproofing contractor mobilization will be initiated this reporting period.
- The removal of the retaining wall along the north side of the former Pacific Street has been completed and the creation of a new access ramp into the site from Pacific Street is expected to start in May. The permanent access ramp H-Pile installation and SOE is expected to start in mid May.
- Underground electrical installation will continue as needed during this reporting period. This work is taking place within the entire arena footprint where the concrete foundations and footings are being poured and beneath the structural steel erection within control access zones.
- The maintenance of the site to accommodate steel erection will continue during this period. The T3 trusses (Atlantic Avenue elevation) have been erected. Steel erection will continue near the intersection of Dean Street & Flatbush Avenue throughout this reporting period.
- The placement of concrete on metal deck (SOD) will continue during this reporting period. Lathing (rebar placement) work will continue on the superstructure decks prior to concrete placement in this period.
- The placement of slab on grade (SOG) concrete will continue within the arena site at the event level 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 has been completed at 752 Pacific Street. The mock-up panel delivery and placement of the footing was originally expected to be completed during the reporting periods covering March 7th through March 25th, however the delivery has been revised to mid-May.
- Preparation of the laydown and storage area to the east section of 752 Pacific Street, Block 1129 will continue during this reporting period. Precast concrete risers, tubs and vomitory walls deliveries to the laydown area will continue this period.

- Occupancy/Use of the laydown area due south of the 752 Pacific Street office will commence during this period.
- 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.
- The arena contractors are coordinating their concrete placement and structural steel activities on the Atlantic Avenue elevation with the utility contractor's water main installation within this same zone, inside the MPT barrier that is already in place.
- 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.

NYC Transit Improvements

- The first concrete pour for the base slab occurred on April 2nd. The second concrete pour occurred on April 20, 2011. It was originally anticipated that the remaining concrete pours would be placed in 2 sections, however, due to construction logistics, the second concrete pour has now been divided up into smaller pours that will be accomplished during the normal work week and is anticipated to take place over the next 2 week period. The last section to be poured will be the center section and will take place in the next 4 to 6 weeks. Upon completion of the steel erection now underway, the concrete wall foundations will follow over the next 2 months. Cross bracing continues and excavation is substantially complete. Vibration and Tilt sensors have been installed and are being monitored per NYCT requirements.
- 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 (G.O.s) were conducted on March 5th, March 12th and April 16th. 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.
- Reinforcing steel installation is in progress at the western area of the site.
- Minor mechanical, electrical and plumbing work within the subway station below ground is underway to accommodate new station configuration.
- Structural steel erection has now commenced at the main transit entrance area where the staircase/elevator is located.
- It is anticipated that during this period there will be one large crane pick to set the steel girder that will span the new BMT/IRT passageway within the excavation. It is anticipated that this will take place on either the weekend of April 30th or May 7th. The crane is anticipated to be set on Flatbush Avenue, subject to receipt of approvals from NYC Transit and DOT. This will be conducted during evening hours under NYC DOT and TA approval. Any changes to existing MPT or any requirement for new MPT will be per approval of DOT.

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:
 - Arena 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.
- NYC Transit Improvements:
 - Temporary concrete road 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 and below grade concrete work may be conducted on Saturdays April 30th and May 7th during this reporting period. All such work will take place within the site.
- Demolition:
 - None anticipated at this time.

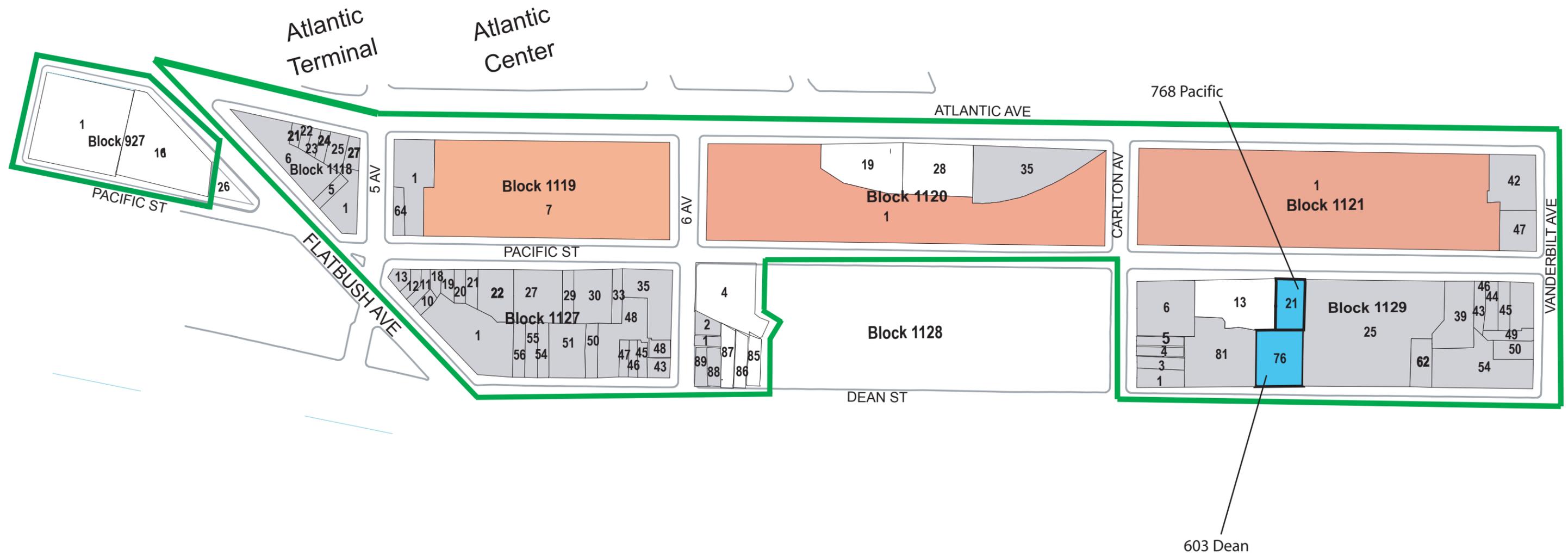
- Block 1129 – staging arena:
 - Contractors conducting night work may have cause to enter and exit this area as it serves as a staging and material/equipment storage area.

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.

Community Liaison Office (CLO)

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

Atlantic Yards Abatement & Demolition Status

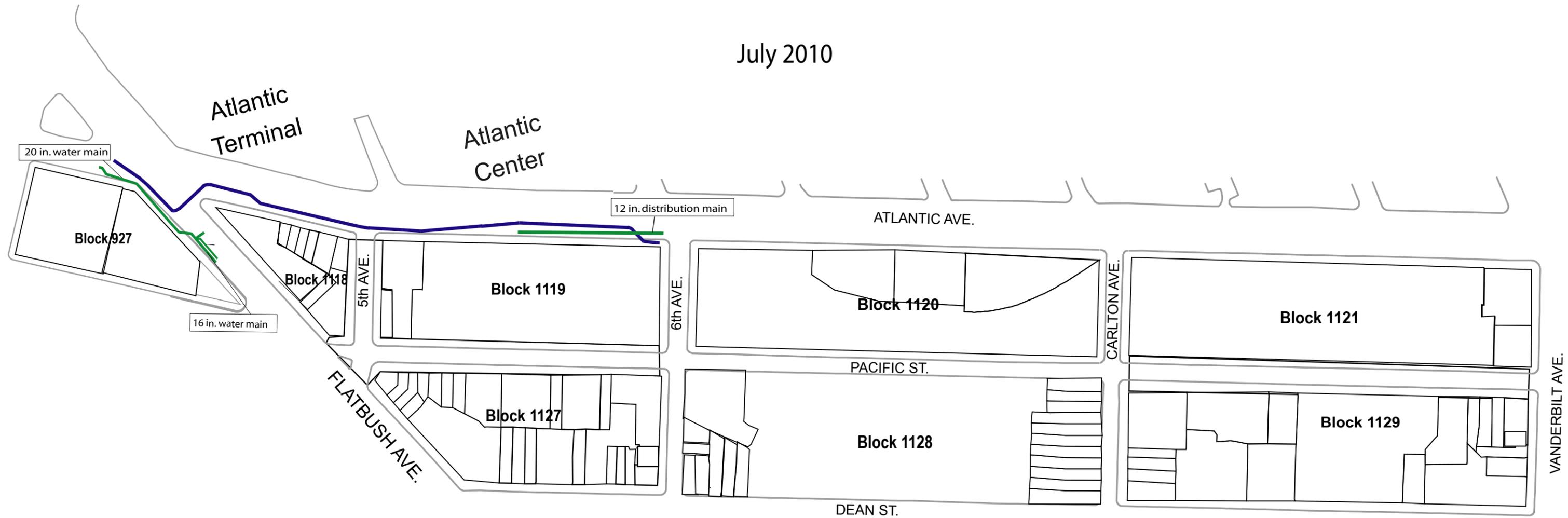


- vacant lot
- A Building at which abatement is completed and an application for a demolition permit is pending
- LIRR Yard

as of April 18, 2011

Location of Water Main Work

July 2010



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