

ATLANTIC YARDS CONSTRUCTION UPDATE
Weeks of September 27, 2010 through October 10, 2010

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 at: 212-803-3233 or AtlanticYards@empire.state.ny.us

Weeks covering September 27, 2010 through October 10, 2010

Long Island Rail Road/Vanderbilt Yard Work

- Contractor has completed the installation of 6 reaction piles and one of the 40' piles. Installation of the second of the two 40" piles continues. Heavy rock has been encountered during this work, slowing down production. Once this installation has been completed work related to the required steel framing will be installed and actual load test will commence. This work is taking place approximately 100 feet east of the Carlton Ave Bridge in block 1121.
- 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 will commence. Initial work will consist of the abatement of the lead paint which will be limited to approximately one foot on either side of cut lines for the removal of the steel. A chemical peel process will be used; if this is unsuccessful the contractor will use a process involving needle scalers to remove the paint in these areas. In either case, the removed paint will be captured and disposed of appropriately. The contractor has applied for all the required permits and submitted to the LIRR for approval. Work will commence upon receipt of such approvals and permits.
- Subject to the receipt of necessary approvals and permits from NYCDOT, Maintenance and Protection of Traffic (MPT) will be installed along Atlantic Avenue to facilitate the demolition of the north approach slab and abutment that previously served the Carlton Avenue Bridge. The MPT will create a work zone on the east bound side of Atlantic Avenue, starting approximately 200' west of Carlton and continue approximately 140' east of Carlton Avenue. This installation will require the modification of traffic and pedestrian patterns, including temporarily eliminating the east bound lane turning left onto Carlton Avenue (northbound), temporary closure of the sidewalk from Clermont Avenue to the

eastern border of lot 28 (block 1120). Installation of this MPT will take place at night, will take approximately 3 to 5 days to install, and will be in place until the completion of the bridge, which is required to be in place with the opening of the arena.

- Soil sampling throughout block 1120 & 1121 on the north side has commenced and will be ongoing for the next few months. This sampling is being done to obtain soil classifications for the excavation portion of phase 2 of the LIRR yard work.

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 VOCs (BL 1119, lot 1 & 64, BL 1118, lot 1 and BL 1127, lot 1) Volatile Organic Compounds (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.
- Additional soil characterization soil borings to facilitate future soil disposal and disposal facility selection may occur within Block 1127. This work is dependent on site availability and access.
- Removal of a previously cleaned and decommissioned 1,080 gallon fuel oil UST located on Block 1127 Lot 50 is scheduled to take place during this reporting period pending site access availability and coordination.
- Subject to coordination with the excavation contractor, an additional round of in-situ chemical oxidation injections will commence during this reporting period at Block 1118 Lot 1 and Block 1119 Lot 1. These injections will be completed as a remedial action under jurisdiction of New York State Department of Environmental through temporary well points in order to facilitate construction

Infrastructure

- Final paving and finish work related to the installation of the 20” water main along the west of Flatbush Avenue will be installed in September, after the mandatory settlement period.
- 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 an exploratory trench across Flatbush near Atlantic will continue during this period. This work will be performed at night and traffic will be restored every morning according to DOT stipulations

- 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.

Demolition

- Demolition permits have been issued for 24 6th Avenue and 636 Pacific Street. Work is expected to take approximately 3 months.
- Demolition has commenced on 24 6th Avenue. Both 24 6th and 636 Pacific will be demolished by hand until they are down to a level at which the surrounding buffer zone allows safe mechanical demolition. This varies from building to building and is determined by the demolition engineer and approved by NYC BEST Squad. Work will be performed on Saturdays as well as during the regular work week. Permits for all after hours and weekend permits will be obtained.
- Asbestos abatement will begin at 810 and 812 Pacific and 540 Vanderbilt.

Arena

- Drilling, lagging and sheeting activities for the support of excavation (SOE) along Atlantic Avenue heading west towards the closed 5th Avenue (BL1119) has been completed. The SOE drilling, lagging and sheeting along the west side of the closed Fifth Avenue continues. Excavation for the arena foundation in the area of Atlantic Avenue and within the BL1119 portion (at the closed 5th Avenue and Pacific Street) of the Arena footprint continues.
- Work related to excavation, lagging and tie backs for SOE (support of excavation) at Atlantic Avenue has been completed. The SOE excavation at 5th Avenue is complete and lagging and tie backs along the western side of the closed 5th Avenue continues.
- Installation of SOE along the western portion of the arena building, continuing down Flatbush to Dean continues during this period. Within this same area, excavation will continue within the footprint of the arena (block 1127). Drilling will continue east of the Dean and Flatbush intersection at Dean Ave perimeter wall within this reporting period.
- SOE installation and related excavation of the southeast corner of the arena, paralleling Dean Avenue, has commenced. VOC monitoring as required by the CAMP will continue during SOE installation and excavation work on Block 1127 Lot 1.

- Installation of concrete footings along the eastern end of BL1119 and Atlantic Avenue will continue during this reporting period.

Installation of perimeter concrete foundation walls along the Atlantic Avenue elevation will be completed during period. The application of waterproofing to the foundation walls from the 6th avenue starting point north and then west down Atlantic Avenue will start during this reporting period.

- The excavation for the west storm retention tank below the closed 5th Ave. area continues this period, as well as the forming of the tanks base & walls.
- 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.
- The removal of the retention 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 commence this period. The retention wall removal procedure has been submitted and reviewed/approved by DOB.
- Underground electrical duct bank installation will continue during this reporting period. This work is taking place within Lot 1119 where the concrete foundations and footings are being poured. Work, formwork and rebar placement, related to the installation of the perimeter wall at the east end (6th Avenue) will continue during this reporting period.
- Installation of the remaining portions of the 16' fence along Dean Street and Flatbush Avenue will resume upon receipt of necessary approvals. Approval of the anchoring design that has been submitted is required.
- During the course of this 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 while excavating these materials and remediation steps will be implemented.

NYC Transit Improvements

- Drilling of Test Piles within the project footprint (block 1118) continues to take place, followed by load-testing of Caissons to be used for the foundations of the new Transit entry area. When the design capacity of the test pile has been verified, all structural piles will be drilled. Drilling for Soldier piles along Atlantic Avenue will commence during this period; this is in preparation for excavation. Vibration and Tilt sensor 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.
- 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”. Selective excavation work continues.
- Stored materials and debris will be removed from the presently unused NYCT stairwells, corridors, storage rooms and other areas below grade in preparation for the start of below grade demolition work. This work continues. Demolition of the TA structures has commenced.
- 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) have been opened up and will be re-closed with temporary decking to allow construction work to proceed below street grade. This work will be performed at night and traffic will be restored every morning according to DOT stipulations. This work will continue for several more weeks.
- Tree removal permits have been received and three street trees on Flatbush Ave near the corner of Atlantic. This is necessary in order to excavate and work on the subway vents in the sidewalk area. The trees will be replaced as part of a broader tree-planting program at the end of the Barclay’s Center Arena project.

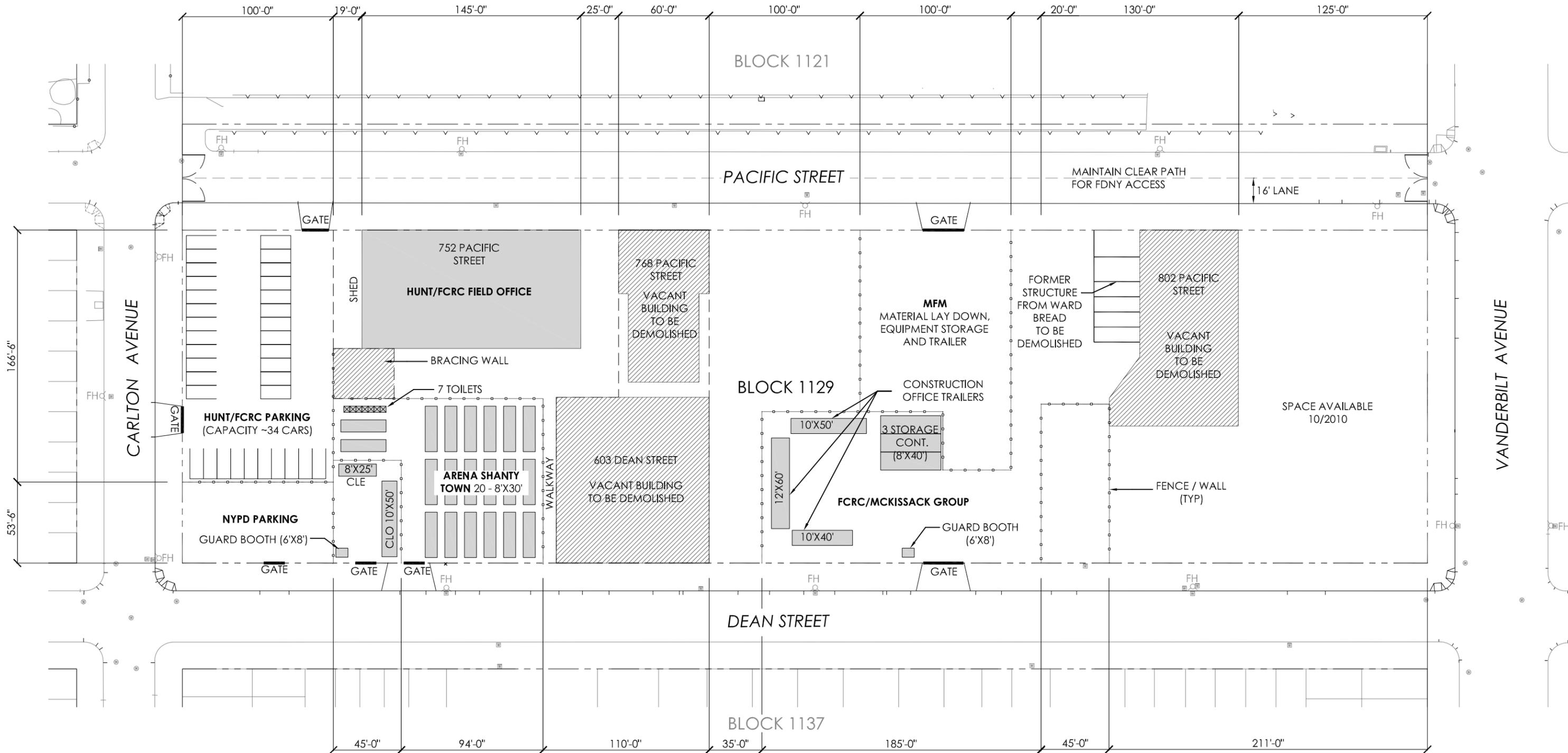
Staging – Block 1129

The attached staging plan for BL1129 shows the interim layout for the next few months and includes locations and approximate numbers of temporary trailers for construction staff offices, storage containers, fencing, equipment staging areas, guards, access points for personnel and vehicles, construction vehicle queuing, and fire department access. The interim layout and use of BL1129 will change as buildings become vacant and available for use or demolition as necessary. In order to prepare the block for these interim uses, the land may be regraded and trenches may be dug for installation of electric and communication conduits. Existing fences may be moved, temporarily removed and replaced and modified to accommodate the uses. All soil disturbances are being monitored in accordance with the CAMP procedures.

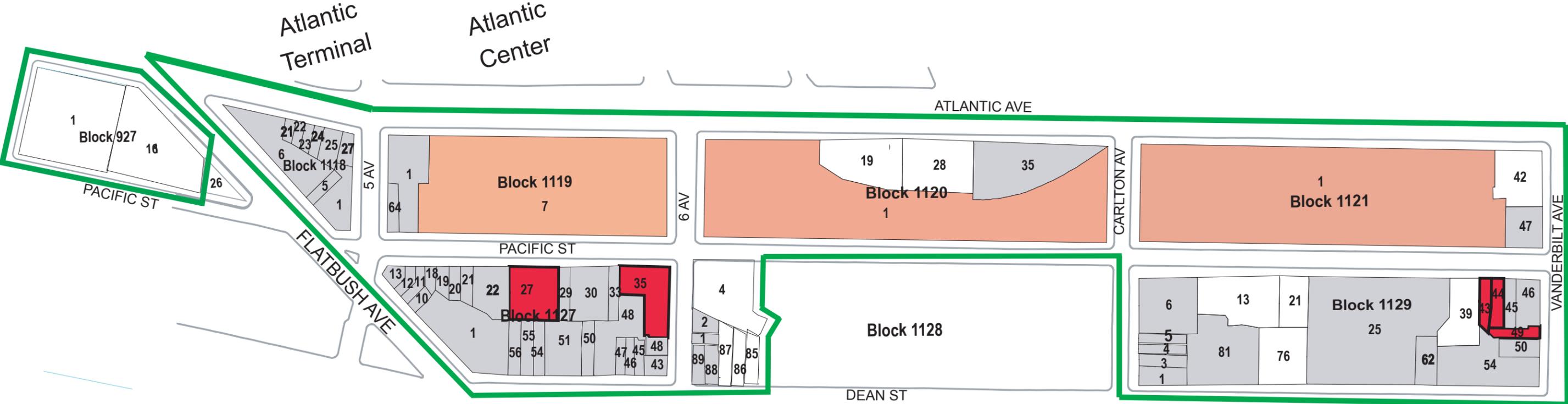
The building at 752 Pacific Street will be used temporarily for construction shanties. Abandoned materials of former occupants have been removed.

The offices of the Community Liaison Office, Community Labor Exchange and BUILD will remain in trailers.

Persons seeking access should do so from Dean Street. 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. To aid the community, signage detailing the new location for the office will be posted at 24 6th Avenue as well as at the new location.



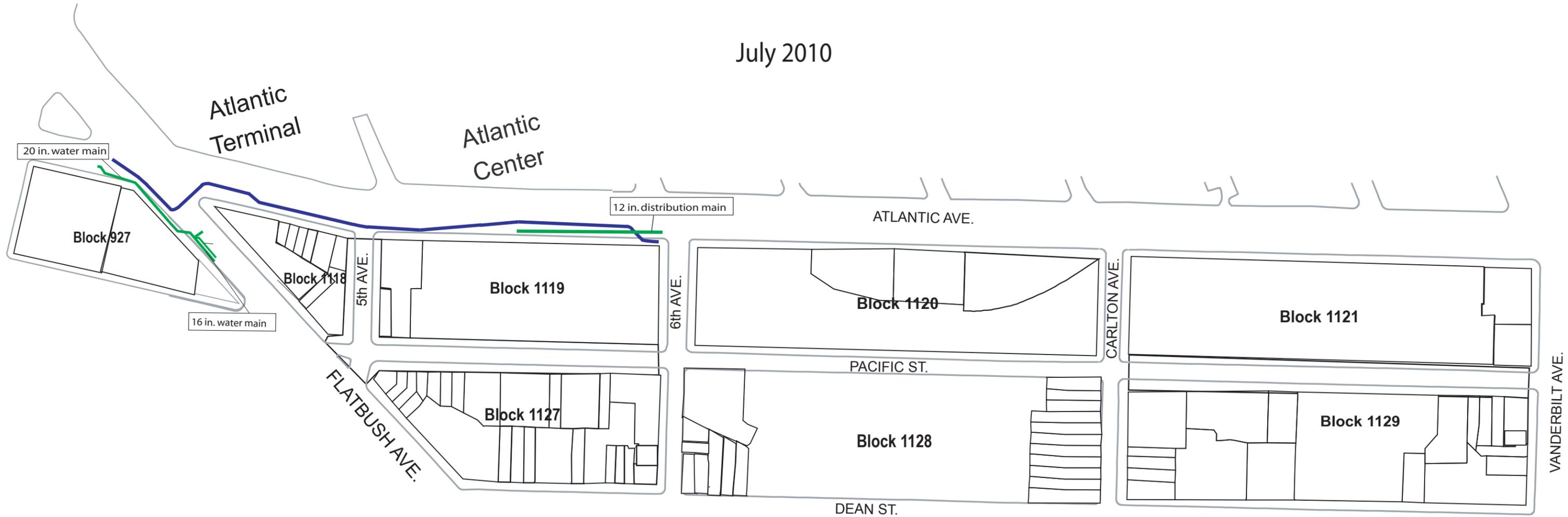
Atlantic Yards Demolition Status



- vacant lot
- Abatement or Demolition Underway
- LIRR Yard

Trunk & Water Main

July 2010



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