

ATLANTIC YARDS CONSTRUCTION UPDATE
Weeks of August 30, 2010 through September 13, 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 August 30, 2010 through September 13, 2010

Long Island Rail Road/Vanderbilt Yard Work

- Work related to the relocation of a storm water drain that previously ran from BL1120 through BL1119 has been completed. Final connection to storm drain in Pacific Street upon receipt of permit from DEP.
- Work related to the relocation of the utilities for the Maintenance of Equipment Division (LIRR) trailers has commenced and will be continuing during this reporting period.
- Contractor has completed the installation of 6 reaction piles. Two 40" piles along with required steel framing will be installed and actual load test is scheduled to be performed during this period. This work is taking place approximately 100 feet east of the Carlton Ave Bridge in block 1121..
- Subject to receipt of permits, work related to the abatement of the existing boiler building located in block 1120 just west of lot 19 will commence during this reporting period. Abatement work is expected to take approximately one week. This building will be demolished upon completion of both the utility relocation (outlined above) and the abatement of the building.
- 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 turning lane onto Carlton Avenue, 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.
- Subject to receipt of approval from the LIRR soil sampling throughout block 1120 & 1121 on the north side may commence during this reporting period. This sampling is being done to obtain soil classifications for the excavation portion of phase 2 of the project.
- Subject to receipt of approval from the LIRR, removal of a 1,000 gallon fuel oil storage tank will occur on Block 1120 during this reporting period. The storage tank is located adjacent to the boiler house.

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 waste 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.

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 has been completed at 473 (rear portion), 475, 479, 481, 483 and 485 Dean Street and 38 6th Avenue. Awaiting sign off from the DOB.
- Sidewalk sheds have been erected along the frontages 485 Dean and 38 6th avenue will be removed this period and replaced with the arena construction fence. Demolition permit filings have been made for 24 6th Avenue and 636 Pacific Street. All buildings 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. If Demolition permits are received for any of the Dean and Pacific Street properties listed, work will commence during this reporting period.

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, 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 & Flatbush intersection at Dean Ave perimeter wall within this reporting period.

- SOE installation and mass 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 continue during this period. This work will continue in an eastbound direction along Atlantic Avenue.
- Layout/installation related to the underground plumbing will continue within the northeast quadrant (near Atlantic Avenue & 6th avenue portion of the site) during this reporting period.
- 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 16' fence along Dean Street and Flatbush Avenue will continue.
- 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

- The curb lane on the northbound side of Flatbush Ave was taken out of traffic service on 20 August as scheduled, and the DOT approved "Traffic Lane Reversal" was implemented. Both inner (16 ft) and outer (8 ft) fencing will be completed in the upcoming reporting period. The 5 ft wide pedestrian corridor has been established, and will be maintained from Dean St north to Atlantic Ave.
- Drilling of Test Piles within the project footprint (block 1118) will take place, followed by load-testing of Caissons to be used for the foundations of the new Transit entry area. This work was postponed from the past reporting period due to the need to install vibration monitoring sensors on the BMT tunnel walls. This requires a track outage which has been scheduled for the week of August 31st. This work is expected to commence toward the end of this reporting period, but may slip into the next one.
- 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, and selective excavation will begin on site. The soil testing work has been completed, except for two areas 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.
- Provided permits are secured a portion of the street immediately adjacent to the “Tip” of the project area (at the corner of Flatbush and Atlantic) will be opened up and 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. Permits were recently obtained, and this work will likely start during this reporting period.

Staging – Block 1129

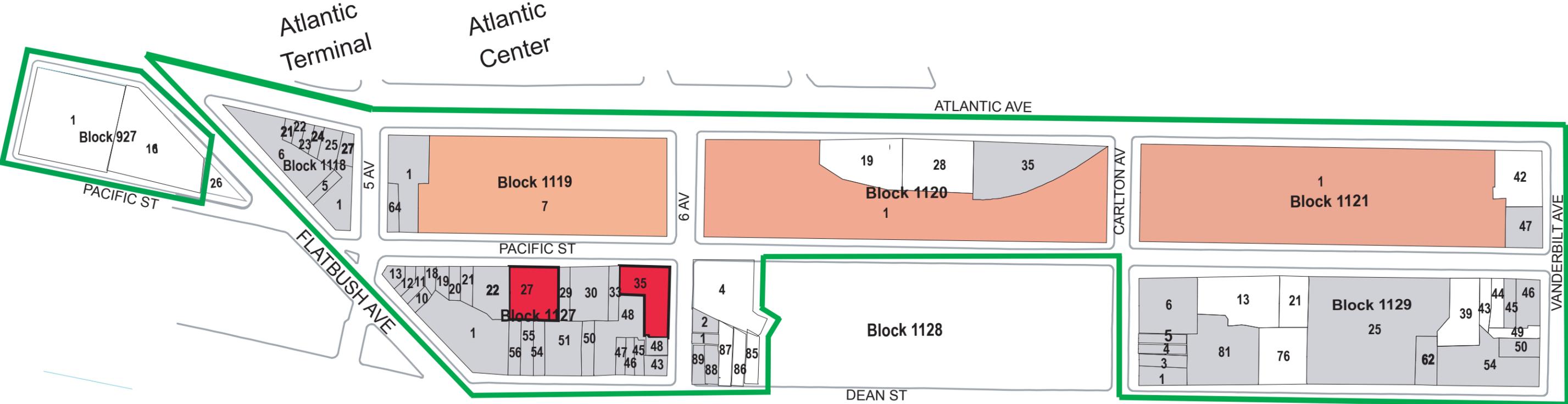
The attached staging plan for BL1129 shows the interim layout for the next few months and includes locations and approximate numbers of temporary trailers for construction staff offices, storage containers, fencing, equipment staging areas, guards, access points for personnel and vehicles, construction 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. During the next two week period, the former occupants’ trash will be removed from the building to prepare for construction teams.

Community Liaison Office

The CLO has been fully relocated to a trailer on Dean Street near the intersection of Carlton Avenue & Dean Street. 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.

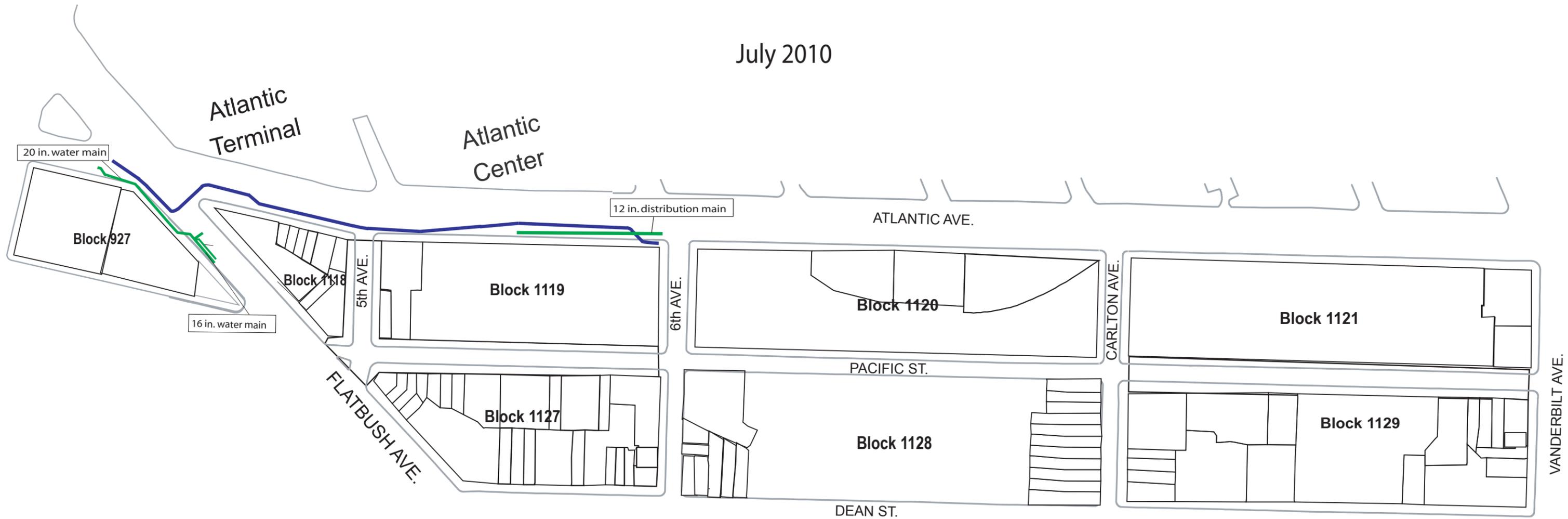
Atlantic Yards Demolition Status



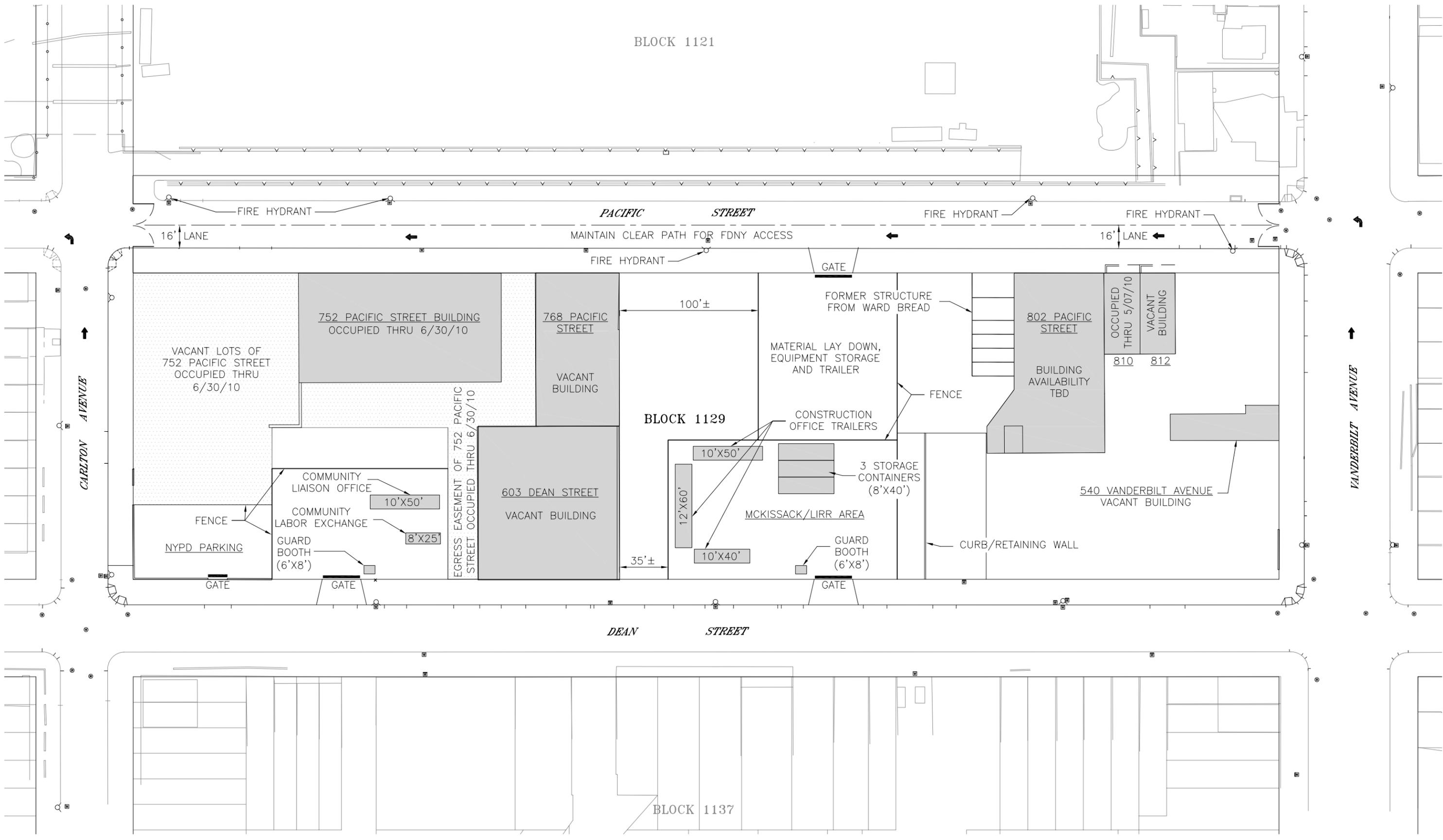
- vacant lot
- Abatement or Demolition Underway
- LIRR Yard

Trunk & Water Main

July 2010



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



BLOCK 1121

BLOCK 1129

BLOCK 1137

PACIFIC STREET

DEAN STREET

CARLTON AVENUE

VANDERBILT AVENUE

FIRE HYDRANT

FIRE HYDRANT

FIRE HYDRANT

MAINTAIN CLEAR PATH FOR FDNY ACCESS

16' LANE

16' LANE

752 PACIFIC STREET BUILDING
OCCUPIED THRU 6/30/10

768 PACIFIC STREET
VACANT BUILDING

FORMER STRUCTURE FROM WARD BREAD

802 PACIFIC STREET

OCCUPIED THRU 5/07/10

812 VACANT BUILDING

VACANT LOTS OF 752 PACIFIC STREET
OCCUPIED THRU 6/30/10

MATERIAL LAY DOWN, EQUIPMENT STORAGE AND TRAILER

BUILDING AVAILABILITY TBD

COMMUNITY LIAISON OFFICE

COMMUNITY LABOR EXCHANGE

GUARD BOOTH (6'X8')

603 DEAN STREET
VACANT BUILDING

CONSTRUCTION OFFICE TRAILERS

10'X50'

12'X60'

10'X40'

3 STORAGE CONTAINERS (8'X40')

MCKISSACK/LIRR AREA

GUARD BOOTH (6'X8')

540 VANDERBILT AVENUE
VACANT BUILDING

NYPD PARKING

FENCE

CURB/RETAINING WALL

GATE

GATE

GATE

FIRE HYDRANT

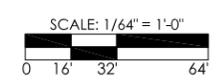
GATE

100'±

35'±

ATLANTIC YARDS SITE LOGISTICS

BLOCK 1129:
INTERIM CONSTRUCTION STAGING PLAN



MAY 6TH, 2010

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