Land Use Review Application

Department of City Planning 120 Broadway, 31st floor, New York, NY 10271

City Planning will assign and stamp reference numbers here

APPLICATION NUMBER

APPLICATION NUMBER

APPLICATION NUMBER

APPLICATION NUMBER

1. APPLICANT AND APPLICANT'S REPRESENTATIVES

New York City Department of Correction
APPLICANT (COMPANY/AGENCY OR OTHER ORGANIZATION) *

75-20 Astoria Boulevard
STREET ADDRESS

East Elmhurst | **NY** | **11370**
CITY | STATE | ZIP

718 | **546-0700** | **718 546-5420**
AREA CODE | TELEPHONE # | FAX#

Howard J. Fiedler, AIA
APPLICANT'S PRIMARY REPRESENTATIVE

New York City Department of Correction
REPRESENTATIVE'S COMPANY/AGENCY OR OTHER ORGANIZATION

75-20 Astoria Boulevard
STREET ADDRESS

East Elmhurst | **NY** | **11370**
CITY | STATE | ZIP

718 | **546-0700** | **718 546-5420**
AREA CODE | TELEPHONE # | FAX#

* **List additional applicants below:**

CO-APPLICANT (COMPANY/AGENCY OR OTHER ORGANIZATION)

CO-APPLICANT (COMPANY/AGENCY OR OTHER ORGANIZATION)
ADDITIONAL APPLICANT REPRESENTATIVE:

Philip Habib & Associates (Planners & Engineers) | **212 929-5656** | **212 929-5605**
NAME AND PROFESSIONAL AFFILIATION (ATTORNEY/ARCHITECT/ENGINEER ETC.) | TELEPHONE # | FAX #

2. SITE DATA

(If the site contains more than one property complete the "LR Item 2. Site Data Attachment Sheet.")

State Street
STREET ADDRESS

State Street City Map Change
PROJECT NAME (IF ANY)

State Street between Boerum Place and Smith Street
DESCRIPTION OF PROPERTY BY BOUNDING STREETS OR CROSS STREETS

C6-2A
EXISTING ZONING DISTRICT (INCLUDING SPECIAL ZONING DISTRICT DESIGNATION, IF ANY)

6c
ZONING SECTIONAL MAP NO(S).

Block 175, Lot 1; Block 169, Lots 17, 7501 (fka 36)
TAX BLOCK AND LOT NUMBER

Brooklyn
BOROUGH

2
COMM. DIST.

URBAN RENEWAL AREA, HISTORIC DISTRICT OR OTHER DESIGNATED AREA (IF ANY)

IS SITE A NEW YORK CITY OR OTHER LANDMARK? NO ☑ YES ☐ IF YES, IDENTIFY

3. DESCRIPTION OF PROPOSAL

(If the entire project description does not fit in this space, enter "see attached description" below and submit description on a separate sheet, identified as "LR item 3. Description of Proposal")

See Attached Description.

4. ACTIONS REQUESTED AND FEES

(Check appropriate action(s) and attach supplemental form)

* No supplemental form required

☑	CHANGE IN CITY MAP……MM	$
☐	ZONING MAP AMENDMENT……..ZM	$
☐	ZONING TEXT AMENDMENT…… ZR	$
☐	ZONING SPECIAL PERMIT.....ZS	$
☐	ZONING AUTHORIZATION……ZA	$
☐	ZONING CERTIFICATION……ZC	$
☐	PUBLIC FACILITY, SEL../ACQ…....PF	$
☐	DISPOSITION OF REAL PROP……..PP	$
☐	URBAN DEVELOP=T ACTION……HA	$
☐	URBAN RENEWAL PROJECT……..*	$
☐	HOUSING PLAN & PROJECT……..*	$
☐	FRANCHISE……..*	$
☐	REVOCABLE CONSENT……..*	$
☐	CONCESSION……..*	$
☐	LANDFILL……..*	$
☐	OTHER (Describe)	$

☐ MODIFICATION $

☐ FOLLOW-UP APPLICATION NO. $

☐ RENEWAL APPLICATION NO. $

☐ OTHER SPECIFY $

TOTAL FEE (For all actions) $ **0**

Make Check or Money Order payable to Department of City Planning.

If fee exemption is claimed check box below and explain

☑ **Applicant is a City Agency**

Has pre-application meeting been held? ☐ NO ☑ YES

If yes **P. Montgomery** (DCP Office/Representative) **Oct. 12, 2018** (Date of meeting)

5. ENVIRONMENTAL REVIEW

CITY ENVIRONMENTAL QUALITY REVIEW (CEQR) (Discuss with CEQR lead agency before completing)

LEAD AGENCY **New York City Department of Correction** CEQR NUMBER **18DOC001Y**

TYPE OF CEQR ACTION:

☐ TYPE II Type II category: _____ Date determination was made: _____

☑ TYPE I } Has EAS been filed? Yes ☑ No ☐

☐ UNLISTED } If yes, Date EAS filed: **August 6, 2018**

Has CEQR determination been made? Yes ☑ No ☐

If yes, what was determination? Negative Declaration ☐ CND ..... ☐ Positive Declaration ☑ } Date determination made: **August 6, 2018** (Attach Copy)

If Positive Declaration, has PDEIS been filed? **No**

Has Notice of Completion (NOC) for DEIS been issued? **No** If yes, attach copy.

If PDEIS has not been filed, has final scope been issued? **No** If yes, date issued: _____

6. COASTAL ZONE MANAGEMENT

IS SITE IN STATE DESIGNATED COASTAL ZONE MANAGEMENT (CZM)? AREA? No ☑ Yes ☐

7. RELATED ACTIONS BY CITY PLANNING

LIST ALL CURRENT OR PRIOR CITY PLANNING COMMISSION ACTIONS RELATED TO SITE:

APPLICATION NO.	DESCRIPTION/ DISPOSITION/STATUS	CAL. NO.	DATE
CP-5570	**Widening of Boerum Place adjacent to site**	**18**	**Sept. 15, 1948**

8. RELATED ACTIONS BY OTHER AGENCIES

LIST ALL OTHER CURRENT OR PRIOR CITY, STATE OR FEDERAL ACTIONS RELATED TO APPLICATION:

REFERENCE NO.	DESCRIPTION/ DISPOSITION/STATUS	CAL. NO.	DATE
N/A			

9. FUTURE ACTIONS REQUIRED

LIST ALL FUTURE CITY, STATE OR FEDERAL ACTIONS REQUIRED TO IMPLEMENT THE PROPOSED ACTION:

Zoning text amendment; special permit; site selection-public facility

10. APPLICANT (Attach authorizing resolution(s), if applicable)

Howard J. Fiedler, Director of Design Unit
NAME AND TITLE OF APPLICANT OR AUTHORIZED REPRESENTATIVE

SIGNATURE OF APPLICANT DATE 10/17/18

New York City Department of Correction
APPLICANT'S COMPANY/AGENCY OR OTHER ORGANIZATION (IF ANY)

11. CO-APPLICANTS

(Attach authorizing resolution(s), if applicable)

NAME AND TITLE OF CO-APPLICANT OR AUTHORIZED REPRESENTATIVE — SIGNATURE OF CO-APPLICANT — DATE

CO-APPLICANT'S COMPANY/AGENCY OR OTHER ORGANIZATION

STREET ADDRESS — CITY — STATE — ZIP — TEL.NO. — FAX

NAME AND TITLE OF CO-APPLICANT OR AUTHORIZED REPRESENTATIVE — SIGNATURE OF CO-APPLICANT — DATE

CO-APPLICANT'S COMPANY/AGENCY OR OTHER ORGANIZATION

STREET ADDRESS — CITY — STATE — ZIP — TEL.NO. — FAX

ADMINISTRATIVE CODE

ANY PERSON WHO SHALL KNOWINGLY MAKE A FALSE REPRESENTATION ON OR WHO SHALL KNOWINGLY FALSIFY OR CAUSE TO BE FALSIFIED ANY FORM, MAP, REPORT OR OTHER DOCUMENT SUBMITTED IN CONNECTION WITH THIS APPLICATION SHALL BE GUILTY OF AN OFFENSE PUNISHABLE BY FINE OR IMPRISONMENT OR BOTH, PURSUANT TO SECTION 10-154 OF THE CITY OF NEW YORK ADMINISTRATIVE CODE.

NOTICE

THIS APPLICATION WILL BE DEEMED PRELIMINARY UNTIL IT IS CERTIFIED AS COMPLETE BY THE DEPARTMENT OF CITY PLANNING OR THE CITY PLANNING COMMISSION. ADDITIONAL INFORMATION MAY BE REQUESTED OF THE APPLICANT BY THE DEPARTMENT OF CITY PLANNING.

City Map Change . . . . . MM

APPLICATION NO

Proposed City Map Change
(Check appropriate boxes)

1. ESTABLISH NEW…….. ☐ STREET ☐ PARK ☐ PUBLIC PLACE ☐ GRADE
2. ELIMINATE EXISTING…… ☒ STREET ☐ PARK ☐ PUBLIC PLACE ☐ GRADE
3. CHANGE EXISTING STREET…….. ☐ WIDTH ☐ ALIGNMENT ☐ GRADE
4. EASEMENT
   Delineate New..... ☐ Remove Existing…… ☐ Modify Existing…….. ☐
5. RELATED ACQUISITION OR DISPOSITION OF PROPERTY ..... ☐

Zoning Map Change . . . . . ZM

APPLICATION NO

(If more than five changes are being requested, enter "see attached" below and list ALL PROPOSED ZONING CHANGES in the same format as below on a separate sheet titled "Proposed Zoning Map Changes")

Proposed Zoning Map Change(s)

CHANGE #1 FROM: _____ (EXISTING) TO: _____ (PROPOSED)

CHANGE #2 FROM: _____ (EXISTING) TO: _____ (PROPOSED)

CHANGE #3 FROM: _____ (EXISTING) TO: _____ (PROPOSED)

CHANGE #4 FROM: _____ (EXISTING) TO: _____ (PROPOSED)

CHANGE #5 FROM: _____ (EXISTING) TO: _____ (PROPOSED)

Zoning Text Amendment . . . . . ZR

APPLICATION NO.

If more than five sections are proposed to be amended, enter "see attached" below, and list ALL PROPOSED TEXT AMENDMENTS in the same format as below on a separate sheet titled "Proposed Zoning Text Amendments.")

Affected Zoning Resolution (ZR) Sections

ZR SECTION NUMBER	ZONING RESOLUTION SECTION TITLE

Land Use Review Application (LR) .....Item 2. Site Data

.....
Application No.

Enter all property information on this Attachment Sheet if the site contains more than one property.

TAX BLOCK OR TAX BLOCK RANGE (Enter Range only if all Lots in Range are Included)	TAX LOT(S) OR TAX LOT RANGE	ADDRESS (House Number and Street Name) OR BOUNDING STREETS OR CROSS STREETS (If No Address)
Block 175	Lot 1	275 Atlantic Avenue
Block 169	Lots 17, 7501 (fka 36)	120 Schermerhorn Street and 53 Boerum Place;

Borough Based Jails Project: Brooklyn
State Street City Map Change

LR Item 3
Description of Proposal (Revised March 21, 2019)

Introduction

The New York City Department of Correction ("NYCDOC"), on behalf of the City of New York, is seeking an amendment to the City Map involving the discontinuance and closing of two street volumes that would establish upper and lower limiting planes to State Street between Boerum Place and Smith Street in Brooklyn Community District 2 (hereafter the "proposed demapping volumes"). For the purposes of this document, the proposed demapping volumes and the affected section of State Street that would remain a mapped street are collectively referred to as the "proposed project area."

Specifically, this one-block-long segment of State Street above a lower limiting plane of 40 feet above legal grade and below an upper limiting plane of -16 feet below grade would be eliminated, discontinued and closed. The resulting upper and lower limiting planes of the street, which would extend horizontally between lines coincident with the bounding street lines of Smith Street to the east and Boerum Place to the west, cover an area of approximately 19,332.1 square feet (sf). The portion of State Street within the volume between the upper and lower limiting planes would remain as a mapped public street open to vehicular and pedestrian traffic with utilities in the street bed. Access to the utility infrastructure by their operators will be preserved.

This mapping action and separate, but related, land use actions (public facility-site selection, zoning text amendment, and approval of a special permit) are intended to facilitate the proposed Brooklyn Borough-Based Jail (hereafter the "proposed project") on the full-block, approximately 59,900-sf City-owned property currently occupied by the Brooklyn Detention Complex (hereafter the "proposed development site"). Formerly known as the Brooklyn House of Detention, the proposed development site is located at 275 Atlantic Avenue (Block 175, Lot 1).

The proposed project would be an up to approximately 399.45-foot tall detention facility (roof height; approximately 439.45 feet tall with mechanical bulkhead and other rooftop equipment) with a total of approximately 1,075,000 zsf of above-grade space on the proposed development site. The new facility would provide approximately 1,437 detainee beds and accompanying support services with direct access to the Brooklyn Central Courts Building located across the street. It would also include new ground-floor retail and/or community facility uses to serve the surrounding neighborhoods and secure accessory parking for approximately 311 staff and other authorized vehicles. The proposed project is the result of a mayoral priority and NYCDOC's desire to establish and maintain borough-based detention facilities in the Bronx, Brooklyn, Manhattan, and Queens. Through a Master Plan process, these stakeholders identified the opportunity for the proposed development site to address the need for more efficient detainee operations, enhanced connectivity to the community, and a seamless integration with justice services.

The demapping volumes would allow for potential above- and/or below-grade new secure connections between the existing Brooklyn Central Courts Building at 120 Schermerhorn Street and the proposed development site. In addition, it would allow for potential occupancy of below-grade volumes for detention center functions by means of an extension of cellar levels of the proposed project below the proposed lower limiting plane of the mapped street. The location of a

proposed connection will be determined as the project advances to final design; if a proposed connection cannot be accommodated entirely within the demapped volumes, then the applicant will consult with NYC Department of Transportation and other interested agencies to determine if an interagency agreement can be reached to allow for structures within street volumes that will remain mapped.

Per the preliminary site plan, there would be two curb cuts on Smith Street, including one for the parking garage's two-way ramp down to lower levels and one for the entrance to the sallyport. There also would be two curb cuts on State Street, including one for the grade level sallyport exit and one for off-street loading berths. There would be no curb cuts on Boerum Place and Atlantic Avenue. All proposed curb cuts will be located at least 50 feet from the nearest intersecting street line. Both of the State Street curb cuts and one of the Smith Street curb cuts will be new. The other will be located in the general location of an existing curb cut currently used by the Brooklyn Detention Complex. There would be a staff pedestrian entrance on State Street, a visitors' pedestrian entrance on Boerum Place, and pedestrian entrances for the retail and/or community facility uses along the Atlantic Avenue frontage.

Existing Conditions

Description of Proposed Project Area

State Street is a minor roadway following a general east-west alignment which extends through Brooklyn Heights and Downtown Brooklyn with termini located at Columbia Place to the west and Flatbush Avenue to the east. The one-block long segment of State Street, on which above- and below-grade volumes would be demapped, provides frontage to the Brooklyn (Kings County) Central Courts Building, the Brooklyn Detention Complex, and 53 Boerum Place, an apartment building with a parking garage accessed from State Street.

Between Boerum Place and Smith Street (the proposed jail's north frontage), State Street is mapped approximately 60 feet wide (indicated on the map as an irregular width) and consists of an approximately 30-foot wide roadway with one through travel lane and parking lanes on both sides, and approximately 15-foot wide sidewalks on both sides on the street. Along the entire north curb of the roadway, only NYPD Court vehicles area allowed to park. On the south side, the western half of the block restricts parking to "NYSJ" weekdays 7 AM to 7 PM and on the eastern half of the block only NYPD vehicles are allowed to park.

Beneath State Street there is an existing tunnel connecting the existing jail and the Brooklyn Central Courts Building which is used for the secure passage of detainees between the two buildings. The tunnel was built in conjunction with the construction of the jail in the mid-1950s.

The street network in the vicinity of the proposed project area generally follows a rectilinear grid, however the street alignments and intersections do not form perfectly rectangular blocks. For the section of State Street subject to this action, the north and south street lines are not parallel and do not intersect the bounding streets to the east and west at 90-degree angles. As such, the area of the demapping volumes is irregularly-shaped. It has a length of 332.93 measured along its north street

line and 332.70 measured along its south street line. Its western limit, formed by the prolongation of the Boerum Place eastern street line, has a length of approximately 56.43 feet and its eastern limit, formed by the prolongation of the Smith Street western street line has a length of approximately 60.00 feet. The demapping area is approximately 19,332.1 sf.

Area Description

As noted above, the proposed project area is a full-block site entirely occupied by the Brooklyn Detention Complex, which is a City-owned institutional use.

The surrounding area is characterized by the medium density residential neighborhoods of Cobble Hill and Boerum Hill to the south, along with the higher-density mixed use neighborhood of Downtown Brooklyn to the north. Atlantic Avenue serves as the primary arterial road in the area, providing access to the proposed project area while also serving as a buffer from the residential neighborhoods to the south. Local retail uses dot the area, primarily along Atlantic Avenue, Court Street, Smith Street, and Fulton Street. Public institution uses are predominately located north of the proposed project area, and include the Brooklyn Central Courts Building at the northwest corner of State and Smith streets, and the New York City Housing Court at the corner of Smith and Livingston streets. Several schools are located within the area, including Brooklyn Law School, at the corner of Joralemon and Adams streets, and Packer Collegiate Institute, on Joralemon Street. Two nearby houses of worship include the Brooklyn Tabernacle, located on Smith Street between Fulton and Livingston streets, and the Brooklyn Friends Meeting House, located at the southeast corner of Schermerhorn Street and Boerum Place.

The proposed project area is located within a C6-2A zoning district in the overlying Special Downtown Brooklyn District. C6-2A districts are commercial districts characterized by centralized, high-bulk commercial uses. The C6-2A zoning district surrounds the proposed project area, bordered by Livingston Street to the north, Court Street to the west, Atlantic Avenue to the south, and Smith Street to the east. The surrounding 600-foot radius area includes the following zoning districts: C5-4, C6-1, C6-2A, C6-4, R6A, R6B, and R7A. There is a C2-4 commercial overlay mapped on some of the residential districts. Parts of the 600-foot radius area are also located within the Special Downtown Brooklyn District.

Within a quarter-mile radius, the proposed project area is accessible via five subway stations and ten subway lines. These include: Bergen Street station, served by the F and G lines; Hoyt—Schermerhorn station, served by the A, C, and G lines; Hoyt Street-Fulton Mall station, served by the 2 and 3 lines; Jay Street—MetroTech station, served by the A, C, F, and R lines; and Borough Hall station, served by the 2, 3, 4, and 5 lines. In addition to subways, there are 13 different MTA public bus routes (B25, B26, B38, B41, B45, B52, B57, B61, B62, B63, B65, B67, and B103) with stops within or near a quarter-mile radius from the proposed project area.

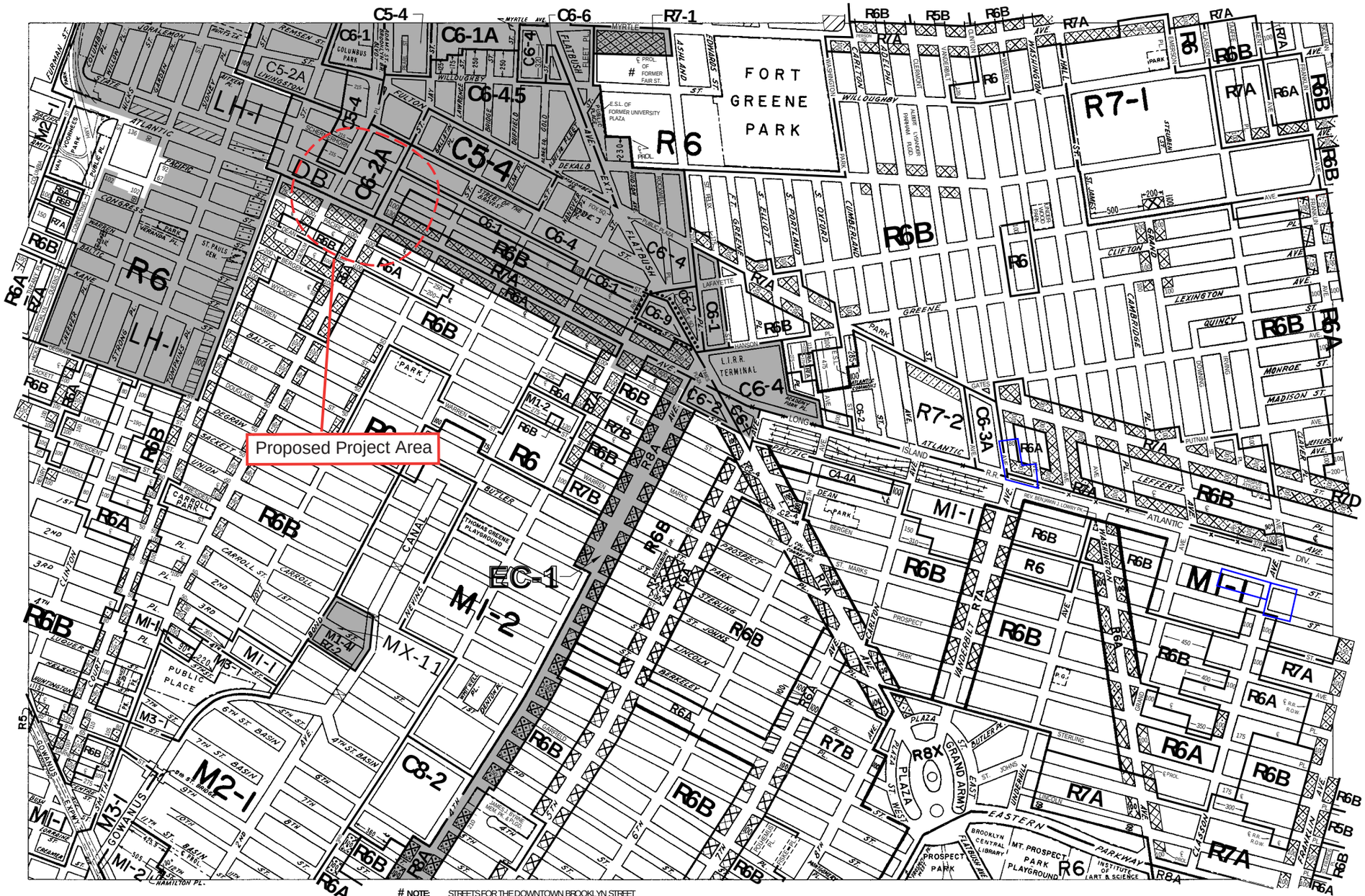
Background, Purpose and Need

The demapping of above- and below-grade volumes on State Street will facilitate the provision of secure connections between the proposed Brooklyn Borough-Based Jail and Central Courts

Building through a below-grade tunnel and/or elevated bridge while retaining State Street on the City Map. At grade the street would remain open to vehicular and pedestrian traffic, maintain existing utilities under the street surface, and accommodate maintenance and servicer access to utility infrastructure. In addition, this action would also allow for potential occupancy of below-grade volumes for detention center functions by means of an extension of cellar levels of the proposed project below the proposed lower limiting plane of the mapped street.

As State Street would remain open to vehicular and pedestrian traffic at grade, demapping above- and below-grade volumes of State Street is intended to avoid any impacts on traffic and pedestrian conditions on State Street and in the surrounding communities.

Click blue outline on map to view diagram of **proposed** zoning change



NOTE: STREETS FOR THE DOWNTOWN BROOKLYN STREET MAP CHANGES (C 030514MMK - C 030516MMK) ARE SHOWN ON THIS MAP PRIOR TO BECOMING EFFECTIVE IN ORDER TO LOCATE ZONING DISTRICT BOUNDARIES.

NOTE: Where no dimensions for zoning district boundaries appear on the zoning maps, such dimensions are determined in Article VII, Chapter 6 (Location of District Boundaries) of the Zoning Resolution.

ZONING MAP

THE NEW YORK CITY PLANNING COMMISSION

Major Zoning Classifications:

The number(s) and/or letter(s) that follows an R, C or M District designation indicates use, bulk and other controls as described in the text of the Zoning Resolution.

R – RESIDENTIAL DISTRICT

C – COMMERCIAL DISTRICT

M – MANUFACTURING DISTRICT

SPECIAL PURPOSE DISTRICT
The letter(s) within the shaded area designates the special purpose district as described in the text of the Zoning Resolution.

AREA(S) REZONED

Effective Date(s) of Rezoning:

09-26-2018 C 180216 ZMK

600-Foot Radius

Special Requirements:

For a list of lots subject to CEQR environmental requirements, see APPENDIX C.

For a list of lots subject to "D" restrictive declarations, see APPENDIX D.

For Inclusionary Housing designated areas and Mandatory Inclusionary Housing areas on this map, see APPENDIX F.

N

MAP KEY

12b	12d	13b
16a	16c	17a
16b	16d	17b

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ZONING MAP 16c

NOTE: Zoning information as shown on this map is subject to change. For the most up-to-date zoning information for this map, visit the Zoning section of the Department of City Planning website: **www.nyc.gov/planning** or contact the Zoning Information Desk at (212) 720-3291.

FINANCE NEW • YORK
MARTHA E. STARK
COMMISSIONER

N
W E
S

NYC Digital Tax Map

Effective Date : 12-09-2008 17:27:55
End Date : Current

Brooklyn Block: 169

Legend

- Streets
- Miscellaneous Text
- Possession Hooks
- Boundary Lines
- Lot Face Possession Hooks
- Regular
- Underwater
- Tax Lot Polygon
- Condo Number
- Tax Block Polygon
- Project Area Boundary



FINANCE NEW YORK
MARTHA E. STARK
COMMISSIONER

NYC Digital Tax Map

Effective Date : 12-09-2008 17:30:31
End Date : Current

Brooklyn Block: 175



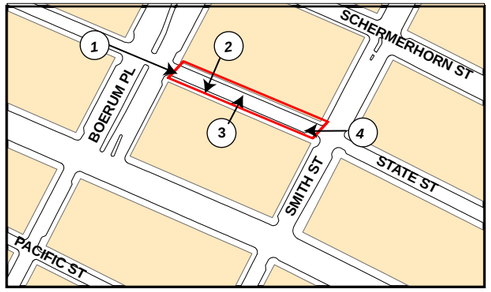
Legend

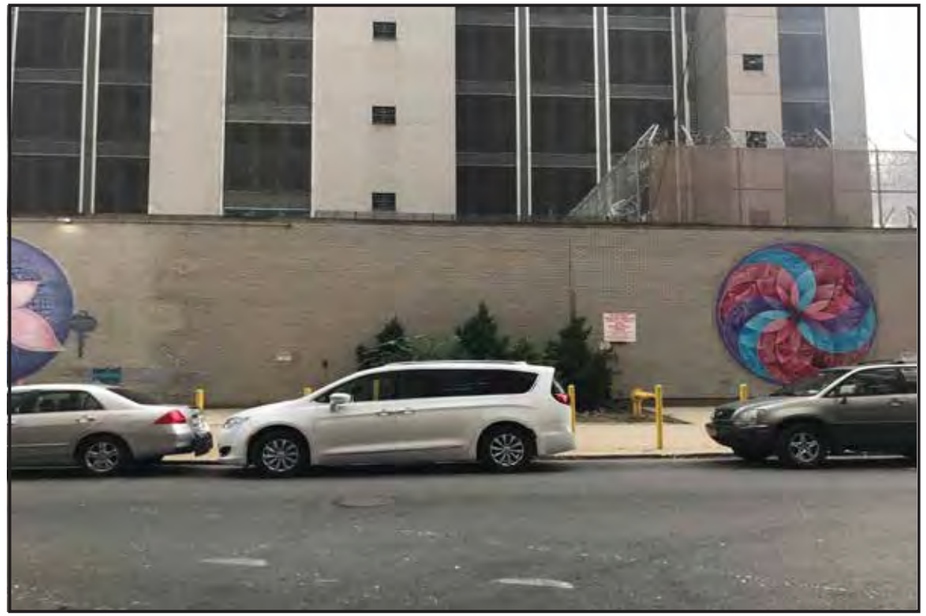
- Streets
- Miscellaneous Text
- Possession Hooks
- Boundary Lines
- Lot Face Possession Hooks
- Regular
- Underwater
- Tax Lot Polygon
- Condo Number
- Tax Block Polygon
- Project Area Boundary

Feet
0 3.75 7.5 15 22.5 30



1) Looking west on State Street. towards 275 Atlantic Ave.: from Boerum Pl.

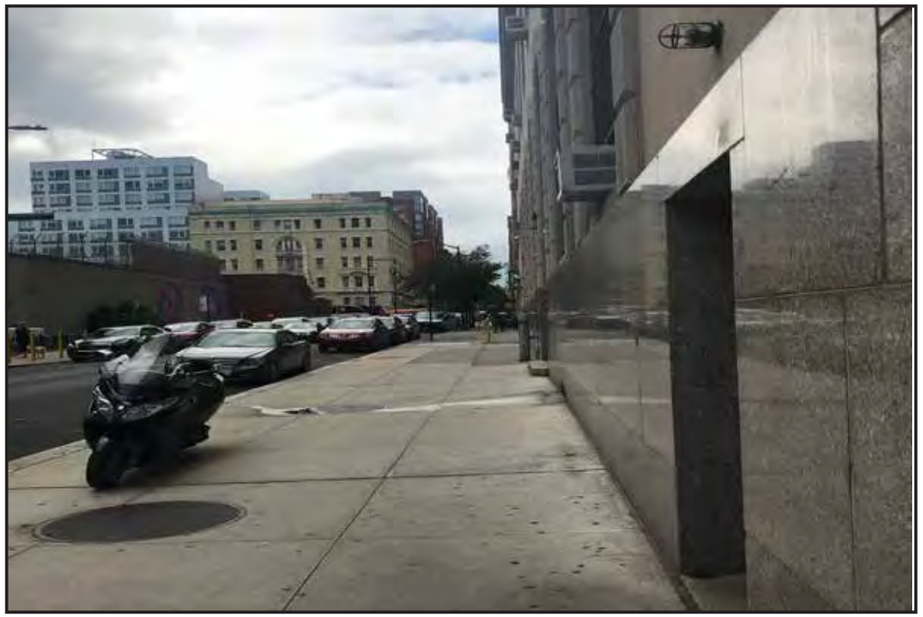




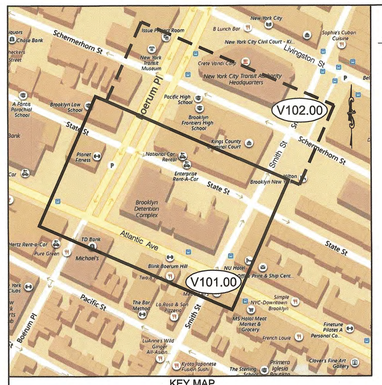
2) Looking south on State Street. towards 275 Atlantic Ave.



3) Looking north on State St. from 275 Atlantic Ave.



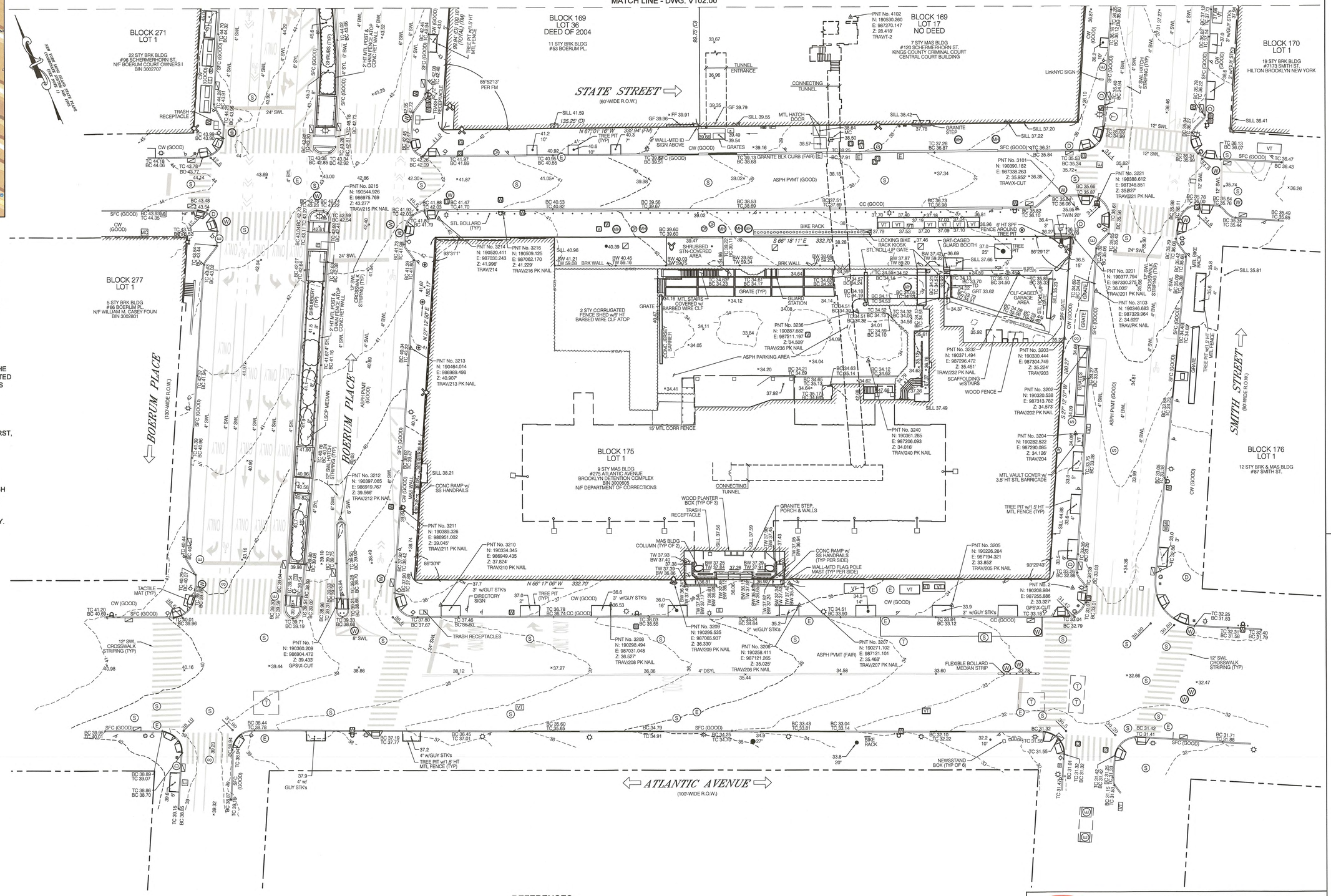
4) Looking southwest on State St. towards 275 Atlantic Ave. on the left.



KEY MAP
SCALE: 1"=200'
BING MAPS IMAGE

NOTES

1. VERTICAL DATUM - NAVD 1988 AND HORIZONTAL DATUM - NY LONG ISLAND STATE PLANE COORDINATE SYSTEM NAD83; BASED ON GPS OBSERVATIONS BY MATRIX NEW WORLD ON 10/05/2018 AND REFERRING TO LEICA SMARTNET CONTINUOUSLY OPERATING REFERENCE STATION (CORS) NETWORK, NATIONAL GEODETIC SURVEY MONUMENT: CORS STATION "NYBP, NYBR, LAMT".
2. THE EXISTING CONDITIONS SHOWN HEREON IS BASED ON A FIELD SURVEY PERFORMED BY MATRIX NEW WORLD WITH LASER SCANNING EQUIPMENT (LIDAR).
3. MATRIX NEW WORLD MAKES NO GUARANTEES THAT ALL UNDERGROUND UTILITIES ARE SHOWN HEREON AND THAT THE EXACT LOCATIONS OF THE UNDERGROUND UTILITIES INDICATED ON THIS SURVEY ARE APPROXIMATE. ALL UTILITY LOCATIONS MUST BE VERIFIED WITH THE PROPER UTILITY COMPANIES PRIOR TO DESIGN, EXCAVATION OR CONSTRUCTION.
4. THIS SURVEY SUPERSEDES A PREVIOUSLY-ISSUED SURVEY ENTITLED "THE CITY OF NEW YORK, DEPARTMENT OF CORRECTION, 75-20 ASTORIA BLVD., SUITE 160, EAST ELMHURST, NY 11370, MASTER PLAN FOR A BOROUGH BASED NYC JAIL SYSTEM, 275 ATLANTIC AVENUE, BOROUGH OF BROOKLYN, COUNTY OF KINGS, CITY AND STATE OF NEW YORK, TOPOGRAPHIC AND UTILITIES SURVEY, BLOCK 175, LOT 1, DRAWING Nos. V101.00-V104.00", PREPARED BY R. STEPHEN MONCRIEF, JR., NYPLS No. 049819 OF MATRIX NEW WORLD, FLORHAM PARK, NJ, DATED 06/06/2018 AND REVISED THROUGH 08/24/2018. (NOTE: BUILDING INTERIOR OF TUNNEL UTILITIES NOT MAPPED ON THIS SUPERSEDED SURVEY.)
5. SEE DRAWING V101.00-A FOR TOPOGRAPHIC TUNNEL SURVEY.


MATCH LINE - DWG. V102.00
BLOCK 271
LOT 1
22 STY BRK BLDG
#96 SCHERMERHORN ST,
N/F BOERUM COURT OWNERS I
BIN 3002707
BLOCK 169
LOT 36
DEED OF 2004
11 STY BRK BLDG
#53 BOERUM PL.
BLOCK 169
LOT 17
NO DEED
7 STY MAS BLDG
#120 SCHERMERHORN ST,
KINGS COUNTY CRIMINAL COURT
CENTRAL COURT BUILDING
BLOCK 170
LOT 1
19 STY BRK BLDG
#7173 SMITH ST,
HILTON BROOKLYN NEW YORK
STATE STREET
(60'-WIDE R.O.W.)
BOERUM PLACE
(130'-WIDE R.O.W.)
SMITH STREET
(80'-WIDE R.O.W.)
ATLANTIC AVENUE
(100'-WIDE R.O.W.)
BLOCK 277
LOT 1
5 STY BRK BLDG
#66 BOERUM PL,
N/F WILLIAM M. CASEY FOUN
BIN 3002801
BLOCK 175
LOT 1
9 STY MAS BLDG
#275 ATLANTIC AVENUE
BROOKLYN DETENTION COMPLEX
BIN 3000605
N/F DEPARTMENT OF CORRECTIONS
BLOCK 176
LOT 1
12 STY BRK & MAS BLDG
#67 SMITH ST.
PNT No. 4102
N: 190530.260
E: 987270.147
Z: 28.418'
TRAV/T-2
PNT No. 3101
N: 190360.182
E: 987338.263
Z: 35.952'
TRAV/X-CUT
PNT No. 3221
N: 190388.612
E: 987348.851
Z: 35.827'
TRAV/221 PK NAIL
PNT No. 3201
N: 190377.794
E: 987330.275
Z: 36.005'
TRAV/201 PK NAIL
PNT No. 3103
N: 190346.683
E: 987329.964
Z: 34.620'
TRAV/PK NAIL
PNT No. 3232
N: 190371.494
E: 987296.472
Z: 35.451'
TRAV/232 PK NAIL
PNT No. 3203
N: 190330.444
E: 987304.749
Z: 35.324'
TRAV/203
PNT No. 3202
N: 190320.538
E: 987313.783
Z: 34.573
TRAV/202 PK NAIL
PNT No. 3204
N: 190282.522
E: 987290.085
Z: 34.126'
TRAV/204
PNT No. 3205
N: 190226.284
E: 987194.321
Z: 33.852'
TRAV/205 PK NAIL
PNT No. 2
N: 190208.984
E: 987255.886
Z: 33.327'
GPSX-CUT
PNT No. 3207
N: 190271.102
E: 987131.101
Z: 35.468'
TRAV/207 PK NAIL
PNT No. 3206
N: 190258.411
E: 987121.265
Z: 35.025'
TRAV/206 PK NAIL
PNT No. 3208
N: 190268.494
E: 987031.048
Z: 36.527'
TRAV/208 PK NAIL
PNT No. 3209
N: 190295.535
E: 987065.937
Z: 36.330'
TRAV/209 PK NAIL
PNT No. 3210
N: 190334.345
E: 986949.435
Z: 37.824'
TRAV/210 PK NAIL
PNT No. 3211
N: 190389.326
E: 986951.002
Z: 39.045'
TRAV/211 PK NAIL
PNT No. 3212
N: 190397.065
E: 986919.767
Z: 39.566'
TRAV/212 PK NAIL
PNT No. 3213
N: 190464.014
E: 986989.498
Z: 40.907'
TRAV/213 PK NAIL
PNT No. 3214
N: 190520.411
E: 987030.243
Z: 41.996'
TRAV/214
PNT No. 3215
N: 190544.926
E: 986975.769
Z: 43.277'
TRAV/215 PK NAIL
PNT No. 3216
N: 190509.125
E: 987062.170
Z: 41.229'
TRAV/216 PK NAIL
PNT No. 3236
N: 190887.682
E: 987211.197
Z: 34.509'
TRAV/236 PK NAIL
PNT No. 3240
N: 190361.285
E: 987206.093
Z: 34.016'
TRAV/240 PK NAIL
PNT No. 1
N: 190360.209
E: 986904.472
Z: 39.433'
GPSX-CUT
TRASH RECEPTACLE
CONCRETE BARRIER
LOCKING BIKE RACK KIOSK
STL ROLL-UP GATE
GRT-CAGED GUARD BOOTH
GUARD STATION
OLF-CAGED GARAGE AREA
SCAFFOLDING w/STAIRS
WOOD FENCE
BIKE RACK
NEWSSTAND BOX (TYP OF 6)
FLEXIBLE BOLLARD MEDIAN STRIP
MTL VAULT COVER w/ 3.5' HT STL BARRICADE
TREE PIT w/1.5' HT MTL FENCE (TYP)
LinkNYC SIGN
TUNNEL ENTRANCE
CONNECTING TUNNEL
MTL HATCH DOOR
GRANITE STEP
SILL 37.20
SILL 37.22
SILL 38.42
SILL 41.59
SILL 39.55
SILL 39.54
SILL 37.49
SILL 35.81
SILL 36.41
GF 39.79
GF 39.96
GF 39.91
BIKE RACK
6' HT SPF FENCE AROUND TREE PIT
TWIN 20'
ASPH PVMT (GOOD)
ASPH PVMT (FAIR)
CC (GOOD)
CW (GOOD)
SFC (GOOD)
GRATES
GRATE
GRATE (TYP)
TRASH RECEPTACLES
TACTILE MAT (TYP)
CROSSWALK STRIPING (TYP)
12' SWL CROSSWALK STRIPING (TYP)
4' SWL HATCH STRIPING (TYP)
12' SWL
8' SWL
4' SWL
4' BWL
4' DSYL
24' SWL
LISCP MEDIAN
ASPH PVMT (GOOD)
CONC RAMP w/ SS HANDRAILS
WALL-MTD FLAG POLE MAST (TYP PER SIDE)
WALL-MTD ID SIGN ABOVE
MAS BLDG COLUMN (TYP OF 2)
WOOD PLANTER BOX (TYP OF 3)
GRANITE STEP, PORCH & WALLS
CONNECTING TUNNEL
15' MTL CORR FENCE
2' STY CORRUGATED FENCE SHED w/6' HT BARBED WIRE CLF ATOP
4.16' MTL STAIRS + COVERED w/ BARBED WIRE CLF
ASPH PARKING AREA
STN-COVERED AREA
SHRUBBERY (TYP)
BRK WALL
STL BOLLARD (TYP)
TREE PIT
TRASH RECEPTACLE
3' w/GUT STK's
DIRECTORY SIGN
4' w/ GUY STK's
TREE PIT w/1.5' HT MTL FENCE (TYP)
GUY STK's
S 66° 18' 11" E
332.70'
N 66° 17' 06" W
332.70'
N 27° 12' 30" E
182.17'
S 27° 12' 30" W
182.17'
93°53'11"
86°30'4"
86°29'12"
N 66° 17' 06" W
333.94' (FM)
85°52'13" PER F.M.
69.75' (D)
135.25' (D)
39.74' (M)
39.40' (TOTAL) (TM)
TREE PIT w/1.5' HT MTL FENCE
TREE PIT (TYP)
TREE PIT w/1.5' HT MTL FENCE (TYP)
USPH MEDIAN
CROSSWALK STRIPING (TYP)
12' SWL CROSSWALK STRIPING (TYP)
4' SWL HATCH STRIPING (TYP)
TACTILE MAT (TYP)
CONC RAMP w/ SS HANDRAILS
WALL-MTD FLAG POLE MAST (TYP PER SIDE)
TRASH RECEPTACLE
GRANITE STEP, PORCH & WALLS
MAS BLDG COLUMN (TYP OF 2)
WOOD PLANTER BOX (TYP OF 3)
CONNECTING TUNNEL
15' MTL CORR FENCE
2' STY CORRUGATED FENCE SHED w/6' HT BARBED WIRE CLF ATOP
4.16' MTL STAIRS + COVERED w/ BARBED WIRE CLF
ASPH PARKING AREA
STN-COVERED AREA
SHRUBBERY (TYP)
BRK WALL
STL BOLLARD (TYP)
TREE PIT
TRASH RECEPTACLES
3' w/GUT STK's
DIRECTORY SIGN
4' w/ GUY STK's
TREE PIT w/1.5' HT MTL FENCE (TYP)
GUY STK's
BIKE RACK
NEWSSTAND BOX (TYP OF 6)
FLEXIBLE BOLLARD MEDIAN STRIP
MTL VAULT COVER w/ 3.5' HT STL BARRICADE
TREE PIT w/1.5' HT MTL FENCE (TYP)
LinkNYC SIGN
TUNNEL ENTRANCE
CONNECTING TUNNEL
MTL HATCH DOOR
GRANITE STEP
SILL 37.20
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SILL 38.42
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SILL 35.81
SILL 36.41
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BIKE RACK
6' HT SPF FENCE AROUND TREE PIT
TWIN 20'
ASPH PVMT (GOOD)
ASPH PVMT (FAIR)
CC (GOOD)
CW (GOOD)
SFC (GOOD)
GRATES
GRATE
GRATE (TYP)
TRASH RECEPTACLES
TACTILE MAT (TYP)
CROSSWALK STRIPING (TYP)
12' SWL CROSSWALK STRIPING (TYP)
4' SWL HATCH STRIPING (TYP)
12' SWL
8' SWL
4' SWL
4' BWL
4' DSYL
24' SWL
LISCP MEDIAN
ASPH PVMT (GOOD)
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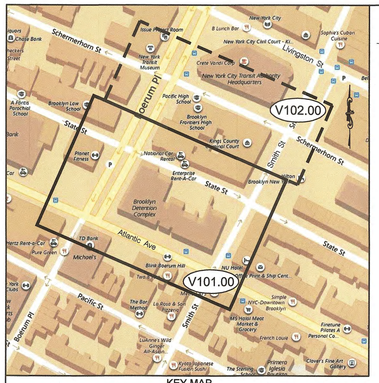
WALL-MTD FLAG POLE MAST (TYP PER SIDE)
WALL-MTD ID SIGN ABOVE
MAS BLDG COLUMN (TYP OF 2)
WOOD PLANTER BOX (TYP OF 3)
GRANITE STEP, PORCH & WALLS



KEY MAP
SCALE: 1"=200'
BING MAPS IMAGE

NOTES

1. VERTICAL DATUM - NAVD 1988 AND HORIZONTAL DATUM - NY LONG ISLAND STATE PLANE COORDINATE SYSTEM NAD83; BASED ON GPS OBSERVATIONS BY MATRIX NEW WORLD ON 10/05/2018 AND REFERRING TO LEICA SMARTNET CONTINUOUSLY OPERATING REFERENCE STATION (CORS) NETWORK, NATIONAL GEODETIC SURVEY MONUMENT: CORS STATION "NYBP, NYBR, LAMT".
2. THE EXISTING CONDITIONS SHOWN HEREON IS BASED ON A FIELD SURVEY PERFORMED BY MATRIX NEW WORLD WITH LASER SCANNING EQUIPMENT (LiDAR).
3. MATRIX NEW WORLD MAKES NO GUARANTEES THAT ALL UNDERGROUND UTILITIES ARE SHOWN HEREON AND THAT THE EXACT LOCATIONS OF THE UNDERGROUND UTILITIES INDICATED ON THIS SURVEY ARE APPROXIMATE. ALL UTILITY LOCATIONS MUST BE VERIFIED WITH THE PROPER UTILITY COMPANIES PRIOR TO DESIGN, EXCAVATION OR CONSTRUCTION.
4. THIS SURVEY SUPERSEDES A PREVIOUSLY-ISSUED SURVEY ENTITLED "THE CITY OF NEW YORK, DEPARTMENT OF CORRECTION, 75-20 ASTORIA BLVD., SUITE 160, EAST ELMHURST, NY 11370, MASTER PLAN FOR A BOROUGH BASED NYC JAIL SYSTEM, 275 ATLANTIC AVENUE, BOROUGH OF BROOKLYN, COUNTY OF KINGS, CITY AND STATE OF NEW YORK, TOPOGRAPHIC AND UTILITIES SURVEY, BLOCK 175, LOT 1, DRAWING Nos. V101.00-V104.00", PREPARED BY R. STEPHEN MONCRIEF, Jr., NYPLS No. 049819 OF MATRIX NEW WORLD, FLORHAM PARK, NJ, DATED 06/06/2018 AND REVISED THROUGH 08/24/2018. (NOTE: BUILDING INTERIOR OF TUNNEL UTILITIES NOT MAPPED ON THIS SUPERSEDED SURVEY.)

MATCH LINE - DWG. V102.00

BLOCK 271
LOT 1
22 STY BRK BLDG
#96 SCHERMERHORN ST.
N/F BOERUM COURT OWNERS I
BIN 3002707

BLOCK 169
LOT 36
DEED OF 2004
11 STY BRK BLDG
#53 BOERUM PL.

BLOCK 169
LOT 17
NO DEED
7 STY MAS BLDG
#120 SCHERMERHORN ST.
KINGS COUNTY CRIMINAL COURT
CENTRAL COURT BUILDING

BLOCK 170
LOT 1
19 STY BRK BLDG
#7173 SMITH ST.
HILTON BROOKLYN NEW YORK

BLOCK 277
LOT 1
5 STY BRK BLDG
#66 BOERUM PL.
N/F WILLIAM M. CASEY FOUN
BIN 3002801

BLOCK 175
LOT 1
9 STY MAS BLDG
#275 ATLANTIC AVENUE
BROOKLYN DETENTION COMPLEX
BIN 3000605
N/F DEPARTMENT OF CORRECTIONS

BLOCK 176
LOT 1
12 STY BRK & MAS BLDG
#67 SMITH ST.

NEW YORK CITY SUBWAY STATION ENTRANCE WITH 11 RISERS

STATE STREET
ATLANTIC AVENUE
BOERUM PLACE
SMITH STREET

99.72' (D)
99.94' (D) 100.0' (TOTAL) (FM)
85°52'13" PER FM
135.25' (D)
N 87° 01' 18" W 332.94' (FM)
93°31'1"
86°30'4"
93°29'43"
86°29'12"

TUNNEL INTERIOR WALL
TUNNEL INT WALL
SILL 28.71
36.66 (CLG)
28.76 (FLR)
25.72 (FLR)
37.09 (CLG)
25.68 (FLR)
28.80 (FLR)
20.17 (FLR)
20.15 (FLR)
27.29 (CLG)
24.51 (CLG)
15.90 (FLR)
23.67 (CLG)
SILL 16.04
24.73 (CLG)
15.93 (FLR)
23.12 (CLG)
16.26 (FLR)
25.10 (CLG)
TWIN 20"
FF 18.21
18.30 (FLR)
27.19 (CLG)
29.30 (CLG)
TW 21.81
BW 18.68
30.13 (CLG)
19.29 (FLR)
32.49 (CLG)
20.24 (FLR)
37.00 (CLG)
20.89 (SILL)
20.93 20.95 (SILL) (SILL)
20.91 (FLR)
20.93 (SILL)
20.98 (SILL)
36.95 (CLG)
20.87 (SILL)
37.07 (CLG)
20.93 (SILL)
20.94 (SILL)

SITE SYMBOL LEGEND

- MH - UNKNOWN MANHOLE
- D - STORM DRAIN MANHOLE
- E - ELECTRIC MANHOLE
- E - ELECTRIC MANHOLE (SQUARE)
- S - SEWER MANHOLE
- W W - WATER MANHOLE
- T - TELEPHONE MANHOLE
- G - GAS VALVE
- M - WATER VALVE
- V - UNKNOWN VALVE
- E - ELECTRIC BOX
- FB - FIRE BOX
- CCTV SECURITY CAMERA
- CATCH BASIN
- STORM INLET
- FIRE HYDRANT
- FIRE STANDPIPE
- OF - OIL FILL CAP
- STREET LIGHT
- SECURITY/PARK LIGHT
- STREET LIGHT W/ SIGNAL
- PEDESTRIAN SIGNAL
- TS - TRAFFIC SIGNAL BOX
- TELECOMMUNICATION BOX
- TV - CABLE TELEVISION BOX
- CCTV SECURITY CAMERA
- TREE (W/ DBH)
- TWIN TREES
- MB - MAILBOX
- MONITORING WELL
- TRASH CAN
- SIGN (DUAL & SINGLE)
- BOLLARD
- TRAFFIC INDICATOR

FEATURE ABBREVIATIONS

BIN	BUILDING IDENTIFICATION NUMBER
BLDG	BUILDING
BLK	BLOCK
BRK	BRICK
BW	BOTTOM OF WALL
CLG	CEILING
FF	FINISHED FLOOR (ELEVATION)
FLR	FLOOR
INT	INTERIOR
MAS	MASONRY
STY	STORY
TW	TOP OF WALL

LINETYPE LEGEND

- VERTICAL CURB
- DEPRESSED OR FLUSH CURB
- (6' CLF) 6' HEIGHT CHAIN LINK FENCE
- (12' CLF) 12' HEIGHT CHAIN LINK FENCE
- (16' CLF) 16' HEIGHT CHAIN LINK FENCE
- BARBED WIRE
- (4' SPF) 4' HEIGHT STEEL PICKET FENCE
- (6' SPF) 6' HEIGHT STEEL PICKET FENCE
- (12' SPF) 12' HEIGHT STEEL PICKET FENCE
- PROPERTY BOUNDARY LINE
- ADJACENT PROPERTY LINE

20' 0 10' 20' 40' 80'
GRAPHIC SCALE

REFERENCES

1. BOUNDARY AND LEGAL GRADE INFORMATION SHOWN HEREON IS SHOWN PER MAPS ENTITLED "OFFICE OF THE BROOKLYN BOROUGH PRESIDENT, CITY OF NEW YORK SECTION MAPS 015 AND 016", UPDATED ON 06/09/2016 AND 08/28/2014, RESPECTIVELY.
2. NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION WATER MAPPING.
3. NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION SEWER MAPPING.
4. CONSOLIDATED EDISON CO. OF N.Y., INC. - BROOKLYN - QUEENS CONDUIT AND DUCT OCCUPANCY PLATE Nos. 44-M, 44-N-1 AND 44-N-2; LOW TENSION MAINS AND SERVICE PLATE Nos. 44-M AND 44-N.
5. NATIONAL GRID GAS PLATE Nos. 29-73, 29-74, 29-83, 29-91 AND 29-95.
6. VERIZON PLATE Nos. 49, 305E, 1562 AND 1567.
7. MAPPING PROVIDED BY CABLEVISION.
8. NYC PARKS NEW YORK CITY STREET TREE MAP WEBSITE.

No.	DESCRIPTION	DATE:	BY:	APR:
0	INITIAL SURVEY ISSUANCE	10/17/18	DHD	RSM

REVISIONS

MATRIXNEWORLD
Engineering Progress
Matrix New World Engineering, Land Surveying and Landscape Architecture, P.C.
26 Columbia Turnpike
Florham Park, New Jersey 07932
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Fax: 973-240-1818
WBE / DBE / SBE
www.matrixneworld.com
STATE OF NEW YORK CERTIFICATE OF AUTHORIZATION No. 17-082661

PERKINS — EASTMAN
115 Fifth Avenue, New York, NY, 10003

SEAL
R. STEPHEN MONCRIEF, JR., P.L.S.
NEW YORK PROFESSIONAL LAND SURVEYOR No. 049819
STATE OF NEW YORK
R. STEPHEN MONCRIEF
049819
LICENSED LAND SURVEYOR
DATE: 10/17/2018

BLOCK 175, LOT 1;
BLOCK 169, LOTS 9, 17 AND 36

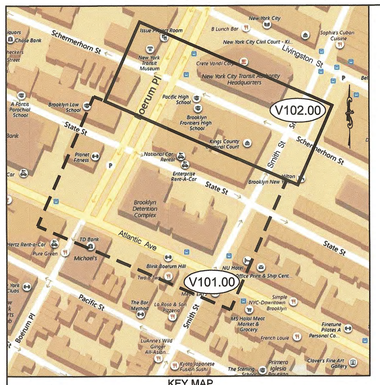
The City of New York
Department of Correction
75-20 Astoria Blvd., Suite 160
East Elmhurst, NY 11370

PROJECT TITLE
MASTER PLAN FOR A BOROUGH BASED NYC JAIL SYSTEM
120 SCHERMERHORN STREET
BOROUGH OF BROOKLYN, COUNTY OF KINGS, CITY AND STATE OF NEW YORK

DRAWING TITLE
TOPOGRAPHIC TUNNEL SURVEY

SURVEYED BY	DRAWN BY	CHECKED BY
B. KROUSE	E. BRAS	R. S. MONCRIEF

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1"=20'	V101.00-A	73440.00
	DATE 10/12/2018		SHEET No. 2 OF 5 SHEETS


Schermerhorn St
Livingston St
Boerum Pl
State St
Smith St
Pacific St
Atlantic Ave
V102.00
V101.00
Brooklyn Detention Complex
New York Transit Museum
Pacific High School
Brooklyn Law School
Brooklyn Tech. High School
Kings County Criminal Court
Brooklyn Marriott
Brooklyn Marriott Marquis & Odyssey
Brooklyn Bridge Park
Brooklyn Bridge Park - Pier 6
Brooklyn Bridge Park - Pier 1
Brooklyn Bridge Park - Pier 5
Brooklyn Bridge Park - Pier 2
Brooklyn Bridge Park - Pier 3
Brooklyn Bridge Park - Pier 4
Brooklyn Bridge Park - Pier 1 Boat Basin
Brooklyn Bridge Park - Pier 1 Playground
Brooklyn Bridge Park - Pier 1 Lawn
Brooklyn Bridge Park - Pier 1 Harbor Lawn
Brooklyn Bridge Park - Pier 1 Harbor Lawn - Squibb Park Bridge
Brooklyn Bridge Park - Pier 1 Harbor Lawn - Squibb Park Bridge - Squibb Park
Brooklyn Bridge Park - Pier 1 Harbor Lawn - Squibb Park Bridge - Squibb Park - Squibb Park Bridge
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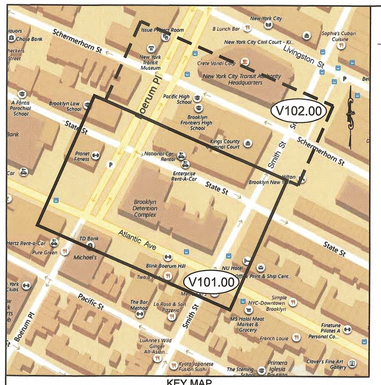

KEY MAP
SCALE: 1"=200'
BING MAPS IMAGE

NOTES

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MATCH LINE - DWG. V104.00

BLOCK 271 LOT 1
22 STY BRK BLDG
#96 SCHERMERHORN ST.
N/F BOERUM COURT OWNERS I
BIN 3002707

BLOCK 277 LOT 1
5 STY BRK BLDG
#66 BOERUM PL.
N/F WILLIAM M. CASEY FOUN
BIN 3002801

BLOCK 169 LOT 36 DEED OF 2004
11 STY BRK BLDG
#53 BOERUM PL.

BLOCK 169 LOT 17 NO DEED
7 STY MAS BLDG
#120 SCHERMERHORN ST.
KINGS COUNTY CRIMINAL COURT
CENTRAL COURT BUILDING

BLOCK 170 LOT 1
19 STY BRK BLDG
#7173 SMITH ST.
HILTON BROOKLYN NEW YORK
BIN 3003000
N/F DEPARTMENT OF CORRECTIONS

BLOCK 175 LOT 1
9 STY MAS BLDG
#275 ATLANTIC AVENUE
BROOKLYN DETENTION COMPLEX
BIN 3003605
N/F DEPARTMENT OF CORRECTIONS

BLOCK 176 LOT 1
12 STY BRK & MAS BLDG
#87 SMITH ST.

STATE STREET
BOERUM PLACE
SMITH STREET
ATLANTIC AVENUE

SITE SYMBOL LEGEND

- MH - UNKNOWN MANHOLE
- D - STORM DRAIN MANHOLE
- E - ELECTRIC MANHOLE
- E - ELECTRIC MANHOLE (SQUARE)
- S - SEWER MANHOLE
- W M - WATER MANHOLE
- T - TELEPHONE MANHOLE
- G - GAS VALVE
- W - WATER VALVE
- V - UNKNOWN VALVE
- E - ELECTRIC BOX
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- FIRE HYDRANT
- FIRE STANDPIPE
- OIL FILL CAP
- STREET LIGHT
- SECURITY/PARK LIGHT
- STREET LIGHT W/ SIGNAL
- PEDESTRIAN SIGNAL
- TS - TRAFFIC SIGNAL BOX
- T - TELECOMMUNICATION BOX
- TV - CABLE TELEVISION BOX
- CCTV SECURITY CAMERA
- MB - MAILBOX
- MONITORING WELL
- TRASH CAN
- SIGN (DUAL & SINGLE)
- BOLLARD
- TRAFFIC INDICATOR

FEATURE ABBREVIATIONS

APPROX	APPROXIMATE	FDC	FIRE DEPARTMENT CONNECTION	PB	PEDESTRIAN BUTTON
BIN	BUILDING IDENTIFICATION NUMBER	FLR	FLOOR	PE	POLYETHYLENE
BLDG	BUILDING	FND	FOUND	RCP	REINFORCED CONCRETE PIPE
BOT	BOTTOM	GRT	GRATE	REF	REFERENCE
B.S.	BARE STEEL	HDPE	HIGH DENSITY POLYETHYLENE PIPE	(RET.)	RETIRED
CB	CATCH BASIN	HP	HIGH PRESSURE	R.O.W.	RIGHT-OF-WAY
CCTV	CLOSED-CIRCUIT TELEVISION	HT	HEIGHT	SA	SANITARY
C.I.	CAST IRON	ID	IDENTIFICATION	ST	STORM
CIP	CAST IRON PIPE	LGT	LIGHT	STL	STEEL
CIRC	CIRCULAR	LP	LOW PRESSURE	STY	STORY
COMB	COMBINATION	LSCP	LANDSCAPE	TCP	TOP OF CURB PIECE
DIP	DUCTILE IRON PIPE	MAS	MASONRY	TD	TRENCH DRAIN
EL	ELEVATION	MC	METAL COVER	TYP	TYPICAL
ELEC	ELECTRIC	MH	MANHOLE	UNK	UNKNOWN
ESVP	EXTRA-STRENGTH VITRIFIED PIPE	MON	MONUMENT	VCP	VITRIFIED CLAY PIPE
		MTD	MOUNTED	VT	VAULT
				WAT	WATER

LINETYPE LEGEND

- VERTICAL CURB
- DEPRESSED OR FLUSH CURB
- (6' CLF) 6' HEIGHT CHAIN LINK FENCE
- (16' CLF) 16' HEIGHT CHAIN LINK FENCE
- BARBED WIRE
- (4' SPF) 4' HEIGHT STEEL PICKET FENCE
- (6' SPF) 6' HEIGHT STEEL PICKET FENCE
- (12' SPF) 12' HEIGHT STEEL PICKET FENCE
- PROPERTY BOUNDARY LINE
- ADJACENT PROPERTY LINE
- (CATV) CABLE TELEVISION LINE
- (C) VERIZON COMMUNICATION LINE
- (ST) STORM DRAIN PIPE
- (SA) SANITATION DRAIN PIPE
- (CS) COMBINED SEWER PIPE
- (W) WATER SUPPLY PIPE
- (T) TELECOMMUNICATIONS CONDUIT
- (E) ELECTRICAL SUPPLY LINE
- (G) GAS SUPPLY LINE

REFERENCES

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3. NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION SEWER MAPPING.
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5. NATIONAL GRID GAS PLATE Nos. 29-73, 29-74, 29-83, 29-91 AND 29-95.
6. VERIZON PLATE Nos. 49, 305E, 1562 AND 1567.
7. MAPPING PROVIDED BY CABLEVISION.
8. NYC PARKS NEW YORK CITY STREET TREE MAP WEBSITE.

20' 0 10' 20' 40' 80'
GRAPHIC SCALE

No.	DESCRIPTION	DATE:	BY:	APR:
0	INITIAL SURVEY ISSUANCE	10/17/18	DHD	RSM

REVISIONS

MATRIXNEWORLD
Engineering Progress
Matrix New World Engineering, Land Surveying and Landscape Architecture, P.C.
26 Columbia Turnpike
Florham Park, New Jersey 07932
Tel: 973-240-1800
Fax: 973-240-1818
WBE / DBE / SBE
www.matrixneworld.com
STATE OF NEW YORK CERTIFICATE OF AUTHORIZATION No. 17-082661

PERKINS — EASTMAN
115 Fifth Avenue, New York, NY, 10003

SEAL
R. STEPHEN MONCRIEF, JR., P.L.S.
NEW YORK PROFESSIONAL LAND SURVEYOR LIC. No. 049819
STATE OF NEW YORK
R. STEPHEN MONCRIEF
049819
LICENSED LAND SURVEYOR
DATE: 10/17/2018

BLOCK 175, LOT 1;
BLOCK 169, LOTS 9, 17 AND 36

CORRECTION DEPARTMENT
CITY OF NEW YORK

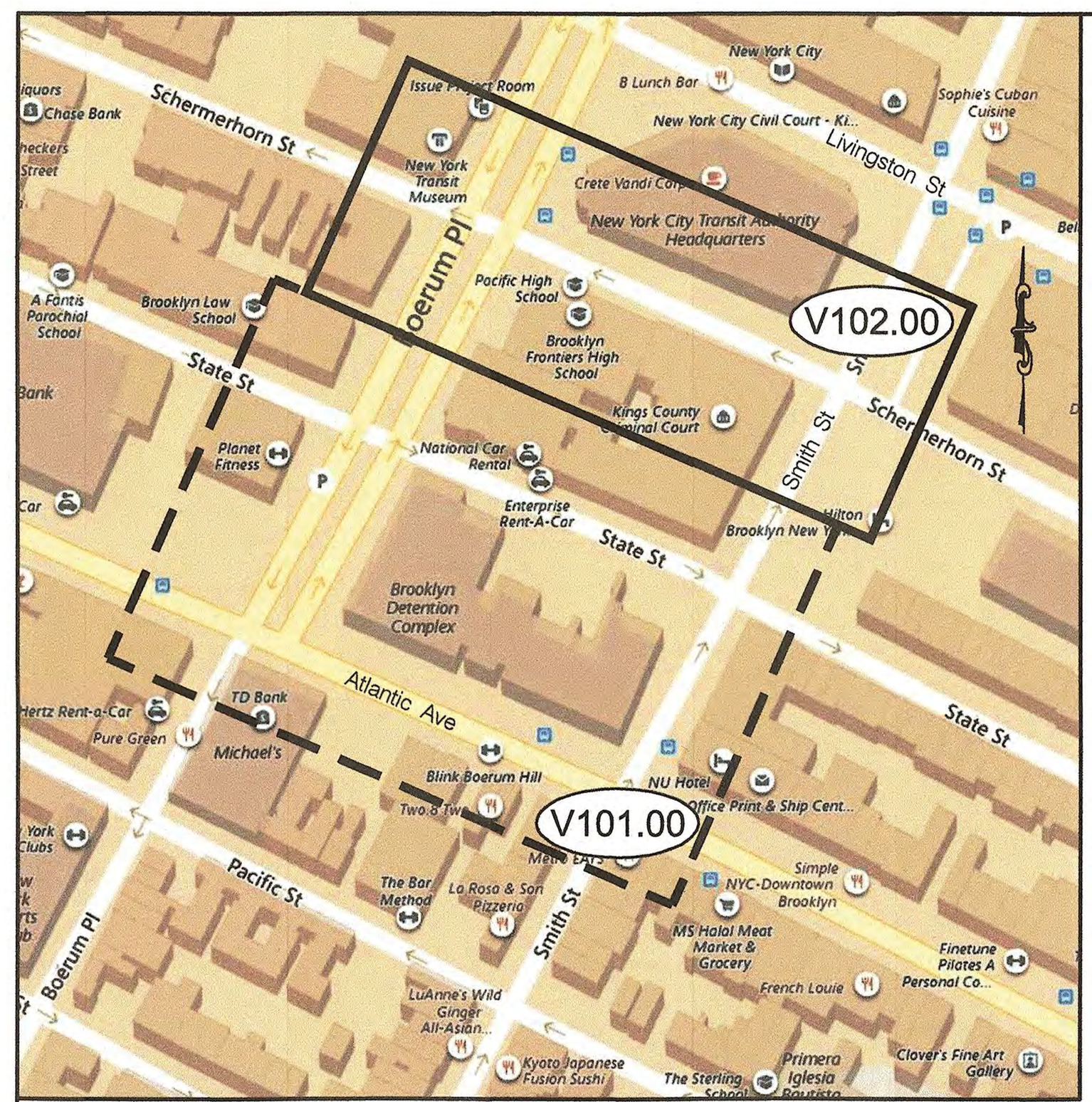
The City of New York
Department of Correction
75-20 Astoria Blvd., Suite 160
East Elmhurst, NY 11370

PROJECT TITLE
MASTER PLAN FOR A BOROUGH BASED NYC JAIL SYSTEM
120 SCHERMERHORN STREET
BOROUGH OF BROOKLYN, COUNTY OF KINGS, CITY AND STATE OF NEW YORK

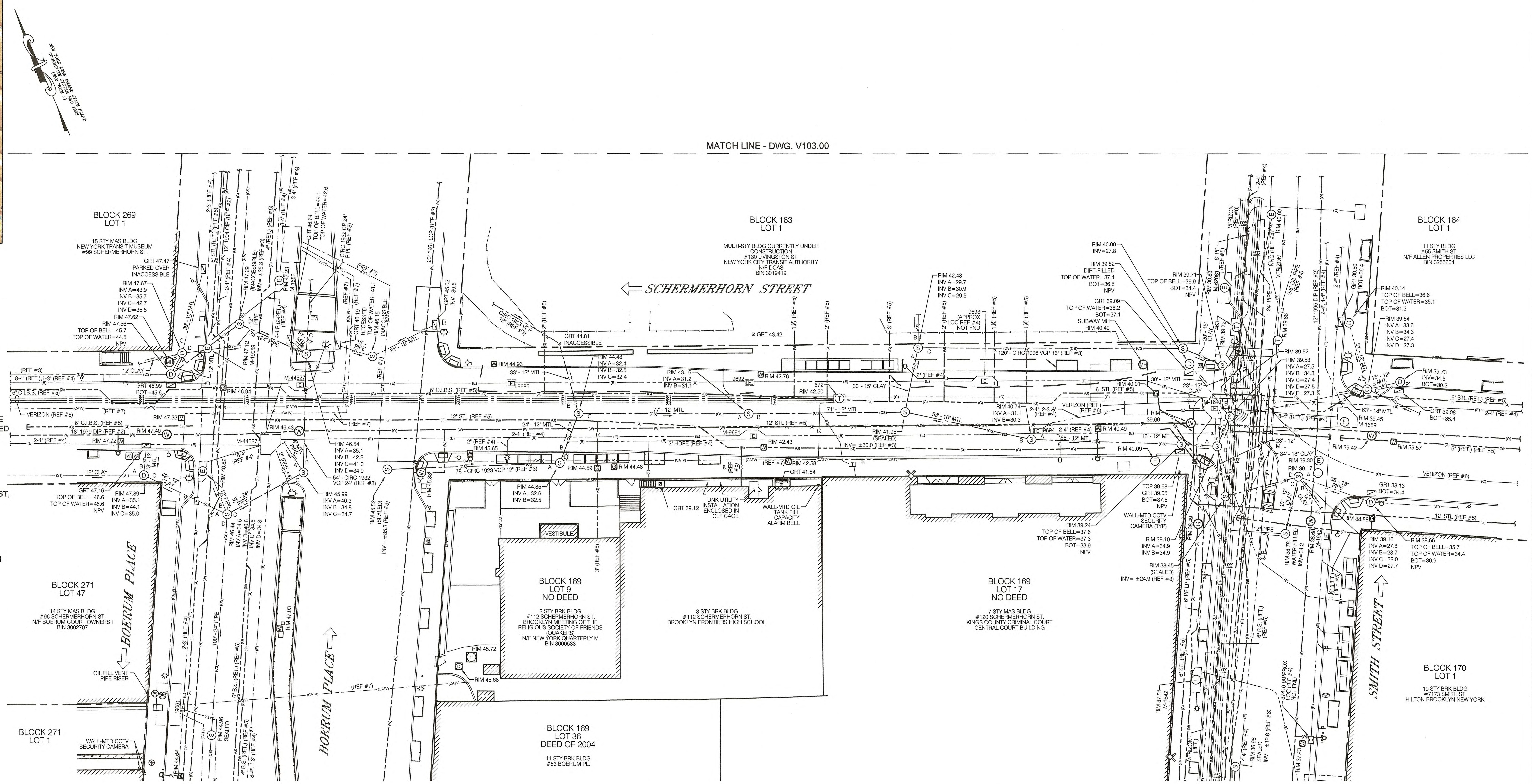
DRAWING TITLE
UTILITIES SURVEY

SURVEYED BY	DRAWN BY	CHECKED BY
B. KROUSE	E. BRAS	R. S. MONCRIEF

B-SCAN	SCALE	DRAWING NO.	CONTRACT NO.
	1"=20'	V103.00	73440.00
	DATE 10/12/2018		SHEET No. 4 OF 5 SHEETS



KEY MAP
SCALE: 1"=200'
BING MAPS IMAGE



NOTES

1. VERTICAL DATUM - NAVD 1988 AND HORIZONTAL DATUM - NY LONG ISLAND STATE PLANE COORDINATE SYSTEM NAD83; BASED ON GPS OBSERVATIONS BY MATRIX NEW WORLD ON 10/05/2018 AND REFERRING TO LEICA SMARTNET CONTINUOUSLY OPERATING REFERENCE STATION (CORS) NETWORK, NATIONAL GEODETIC SURVEY MONUMENT: CORS STATION "NYBP, NYBR, LAMT".

2. THE EXISTING CONDITIONS SHOWN HEREON IS BASED ON A FIELD SURVEY PERFORMED BY MATRIX NEW WORLD WITH LASER SCANNING EQUIPMENT (LiDAR).

3. MATRIX NEW WORLD MAKES NO GUARANTEES THAT ALL UNDERGROUND UTILITIES ARE SHOWN HEREON AND THAT THE EXACT LOCATIONS OF THE UNDERGROUND UTILITIES INDICATED ON THIS SURVEY ARE APPROXIMATE. ALL UTILITY LOCATIONS MUST BE VERIFIED WITH THE PROPER UTILITY COMPANIES PRIOR TO DESIGN, EXCAVATION OR CONSTRUCTION.

4. THIS SURVEY SUPERSEDES A PREVIOUSLY-ISSUED SURVEY ENTITLED "THE CITY OF NEW YORK, DEPARTMENT OF CORRECTION, 75-20 ASTORIA BLVD., SUITE 160, EAST ELMHURST, NY 11370, MASTER PLAN FOR A BOROUGH BASED NYC JAIL SYSTEM, 275 ATLANTIC AVENUE, BOROUGH OF BROOKLYN, COUNTY OF KINGS, CITY AND STATE OF NEW YORK, TOPOGRAPHIC AND UTILITIES SURVEY, BLOCK 175, LOT 1, DRAWING Nos. V101.00-V104.00", PREPARED BY R. STEPHEN MONCRIEF, Jr., NYPLS No. 049819 OF MATRIX NEW WORLD, FLORHAM PARK, NJ, DATED 06/06/2018 AND REVISED THROUGH 08/24/2018. (NOTE: BUILDING INTERIOR OF TUNNEL UTILITIES NOT MAPPED ON THIS SUPERSEDED SURVEY.)

SITE SYMBOL LEGEND

- (MH) - UNKNOWN MANHOLE
- (D) - STORM DRAIN MANHOLE
- (E) - ELECTRIC MANHOLE
- [E] - ELECTRIC MANHOLE (SQUARE)
- (S) - SEWER MANHOLE
- (W) [W] - WATER MANHOLE
- (T) - TELEPHONE MANHOLE
- [G] - GAS VALVE
- [W] - WATER VALVE
- [V] - UNKNOWN VALVE
- [E] - ELECTRIC BOX
- - CCTV SECURITY CAMERA
- (FB) - FIRE BOX
- - CATCH BASIN
- - STORM INLET
- - FIRE HYDRANT
- - FIRE STANDPIPE
- (OF) - OIL FILL CAP
- - STREET LIGHT
- - SECURITY/PARK LIGHT
- - STREET LIGHT W/ SIGNAL
- - PEDESTRIAN SIGNAL
- [TS] - TRAFFIC SIGNAL BOX
- [T] - TELECOMMUNICATION BOX
- [TV] - CABLE TELEVISION BOX
- - CCTV SECURITY CAMERA
- (MB) - MAILBOX
- - MONITORING WELL
- - TRASH CAN
- - SIGN (DUAL & SINGLE)
- - BOLLARD
- - TRAFFIC INDICATOR

FEATURE ABBREVIATIONS

APPROX	APPROXIMATE	FDC	FIRE DEPARTMENT CONNECTION	PB	PEDESTRIAN BUTTON
BIN	BUILDING IDENTIFICATION NUMBER	FLR	FLOOR	PE	POLYETHYLENE
BLDG	BUILDING	FND	FOUND	RCP	REINFORCED CONCRETE PIPE
BOT	BOTTOM	GRT	GRATE	REF	REFERENCE
B.S.	BARE STEEL	HDPE	HIGH DENSITY POLYETHYLENE PIPE	(RET.)	RETIRED
CB	CATCH BASIN	HP	HIGH PRESSURE	R.O.W.	RIGHT-OF-WAY
CCTV	CLOSED-CIRCUIT TELEVISION	HT	HEIGHT	SA	SANITARY
C.I.	CAST IRON	ID	IDENTIFICATION	ST	STORM
CIP	CAST IRON PIPE	LGT	LIGHT	STL	STEEL
CIRC	CIRCULAR	LP	LOW PRESSURE	STY	STORY
COMB	COMBINATION	LSCP	LANDSCAPE	TCP	TOP OF CURB PIECE
DIP	DUCTILE IRON PIPE	MAS	MASONRY	TD	TRENCH DRAIN
EL	ELEVATION	MC	METAL COVER	TYP	TYPICAL
ELEC	ELECTRIC	MH	MANHOLE	UNK	UNKNOWN
ESVP	EXTRA-STRENGTH VITRIFIED PIPE	MON	MONUMENT	VCP	VITRIFIED CLAY PIPE
		MTD	MOUNTED	VT	VAULT
				WAT	WATER

LINETYPE LEGEND

- VERTICAL CURB
- DEPRESSED OR FLUSH CURB
- (6' CLF) 6' HEIGHT CHAIN LINK FENCE
- (16' CLF) 16' HEIGHT CHAIN LINK FENCE
- BARBED WIRE
- (4' SPF) 4' HEIGHT STEEL PICKET FENCE
- (6' SPF) 6' HEIGHT STEEL PICKET FENCE
- (12' SPF) 12' HEIGHT STEEL PICKET FENCE
- PROPERTY BOUNDARY LINE
- ADJACENT PROPERTY LINE
- (CATV) CABLE TELEVISION LINE
- (C) VERIZON COMMUNICATION LINE
- (ST) STORM DRAIN PIPE
- (SA) SANITATION DRAIN PIPE
- (CS) COMBINED SEWER PIPE
- (W) WATER SUPPLY PIPE
- (T) TELECOMMUNICATIONS CONDUIT
- (E) ELECTRICAL SUPPLY LINE
- (G) GAS SUPPLY LINE

REFERENCES

1. BOUNDARY AND LEGAL GRADE INFORMATION SHOWN HEREON IS SHOWN PER MAPS ENTITLED "OFFICE OF THE BROOKLYN BOROUGH PRESIDENT, CITY OF NEW YORK SECTION MAPS 015 AND 016", UPDATED ON 06/09/2016 AND 08/28/2014, RESPECTIVELY.
2. NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION WATER MAPPING.
3. NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION SEWER MAPPING.
4. CONSOLIDATED EDISON CO. OF N.Y., INC. - BROOKLYN - QUEENS CONDUIT AND DUCT OCCUPANCY PLATE Nos. 44-M, 44-N-1 AND 44-N-2; LOW TENSION MAINS AND SERVICE PLATE Nos. 44-M AND 44-N.
5. NATIONAL GRID GAS PLATE Nos. 29-73, 29-74, 29-83, 29-91 AND 29-95.
6. VERIZON PLATE Nos. 49, 305E, 1562 AND 1567.
7. MAPPING PROVIDED BY CABLEVISION.
8. NYC PARKS NEW YORK CITY STREET TREE MAP WEBSITE.

20' 0 10' 20' 40' 80'
GRAPHIC SCALE

No.	DESCRIPTION	DATE:	BY:	APR:
0	INITIAL SURVEY ISSUANCE	10/17/18	DHD	RSM

REVISIONS

MATRIXNEWORLD
Engineering Progress
Matrix New World Engineering, Land Surveying and Landscape Architecture, P.C.
26 Columbia Turnpike
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STATE OF NEW YORK · RONALD STEPHEN MONCRIEF JR. · 049819 · LICENSED LAND SURVEYOR
DATE: 10/17/2018
BLOCK 175, LOT 1;
BLOCK 169, LOTS 9, 17 AND 36

The City of New York
Department of Correction
75-20 Astoria Blvd., Suite 160
East Elmhurst, NY 11370

PROJECT TITLE
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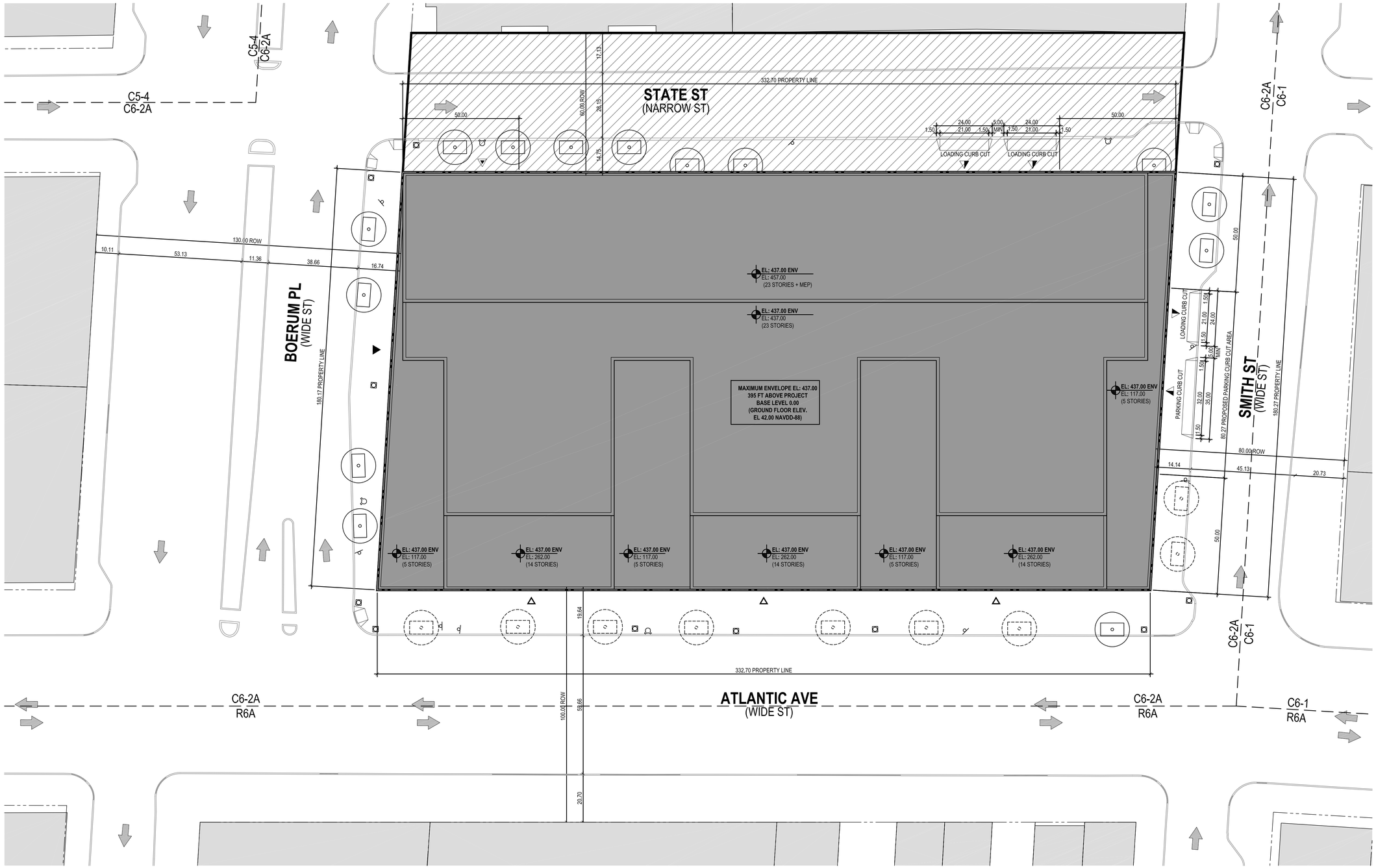
120 SCHERMERHORN STREET
BOROUGH OF BROOKLYN, COUNTY OF KINGS, CITY AND STATE OF NEW YORK

DRAWING TITLE
UTILITIES SURVEY

SURVEYED BY	DRAWN BY		CHECKED BY
B. KROUSE	E. BRAS		R. S. MONCRIEF
B-SCAN	SCALE: 1"=20'	DRAWING NO.: V104.00	CONTRACT NO.: 73440.00
	DATE: 10/12/2018		SHEET No. 5 OF 5 SHEETS



LEGEND

GENERAL

- EXISTING BUILDING TO REMAIN
- PROPOSED BUILDING
- ZONING LOT LINE (ZLL)
- PROPOSED ZONING ENVELOPE
- ZONING DISTRICT EXTENTS
- **ZONING ENVELOPE HEIGHT ABOVE BASE PLANE (ENV)** / PROPOSED ILLUSTRATIVE BUILDING HEIGHT

SITE PLAN

- **PUBLIC ACCESS POINT**
- **VEHICULAR ACCESS POINT**
- **COMMUNITY FACILITY / RETAIL ACCESS POINT**
- **STAFF ACCESS POINT**
- **EXISTING POST**
- **EXISTING FIRE HYDRANT**
- **EXISTING SIGN**
- **DIRECTION OF TRAFFIC**
- **EXISTING TREE TO REMAIN**
- **PROPOSED NEW TREE**
- **DEMAPPING VOLUME. SUBJECT ONLY TO USE FOR BRIDGES/TUNNELS TO ADJACENT COURTHOUSE**

GENERAL NOTES:

- APPLICANT'S STAMP AND SEAL CORRESPONDS TO THE INFORMATION REGARDING THE DEVELOPMENT SITE, ZONING LOT, AND RELATED CURB CUTS. INFORMATION REGARDING THE SURROUNDING PROPERTIES AND EXISTING STRUCTURES IS FOR ILLUSTRATIVE PURPOSES ONLY.
- BUILDING SHOWN WITHIN THE ZONING ENVELOPE IS SHOWN FOR ILLUSTRATIVE PURPOSE ONLY AND IS SUBJECT TO CHANGE.
- LANDSCAPE AND HARDSCAPE INFORMATION IS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY AND IT IS SUBJECT TO CHANGE
- ON ROOF OF THE JAIL BUILDING, TO HEIGHT OF EL 477.00 - PERMITTED AREA AND USES INCLUDE: ROOFTOP HORTICULTURE SPACE WITH SECURITY ENCLOSURE, PASSENGER AND SERVICE ELEVATOR STOPS, VESTIBULES AND LOBBIES, EGRESS STAIRS AND SUPPORT SPACES FOR 1,000SF FOR SUCH USES AS RESTROOMS, STORAGE, HOLDING CELLS, VESTIBULES AND LOBBIES.
- MAXIMUM PERMITTED ENVELOPE SURROUNDING EXISTING BUILDING IS COINCIDENT WITH EXISTING BUILDING FACADE AND ROOF.

0' 5' 10' 20' 40' 80'

NO.	DATE	REVISION

REGISTERED ARCHITECT
JOSEPH J. ALIOTTA
16319
STATE OF NEW YORK

SEAL

KEY PLAN

PERKINS EASTMAN
115 Fifth Avenue
New York, NY 10003
T. +1 212 353 7200
F. +1 212 353 7676

Owner:
NYC DEPARTMENT OF CORRECTIONS
75-20 ASTORIA BOULEVARD, SUITE 160
EAST ELMHURST, NY, 11370 T.+1 718.546.0806

Traffic:
PHILIP HABIB & ASSOCIATES
102 MADISON AVENUE, 11TH FLOOR
NEW YORK, NY, 10016 T. +1 212.929.5656

PROJECT TITLE:

275 ATLANTIC AVENUE

BOROUGH: BROOKLYN
BLOCK: 175
LOT: 1
ULURP #: 190339 ZSK
BROOKLYN, NY 11201

PROJECT No: 73441.00

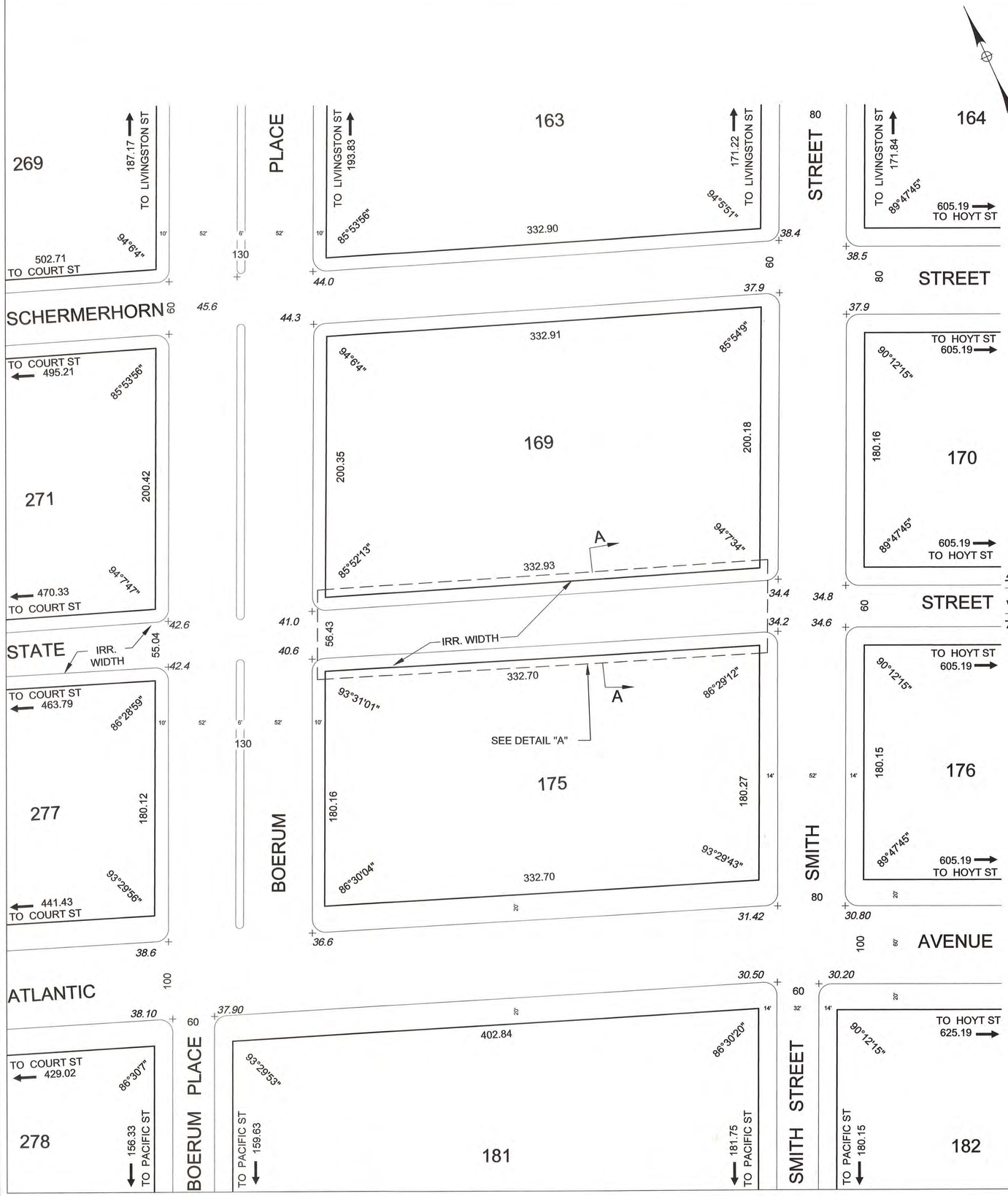
DRAWING TITLE:

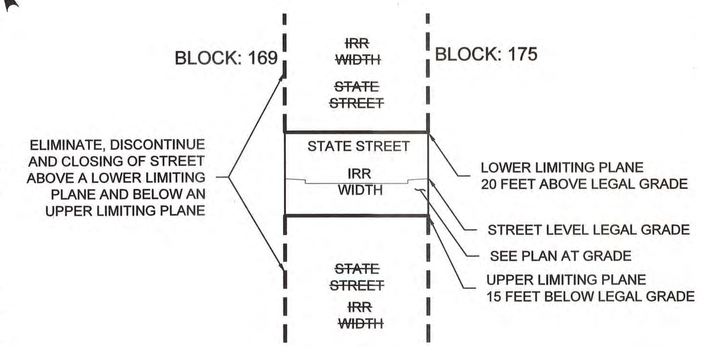
ZONING LOT SITE PLAN

SCALE: 1":20'

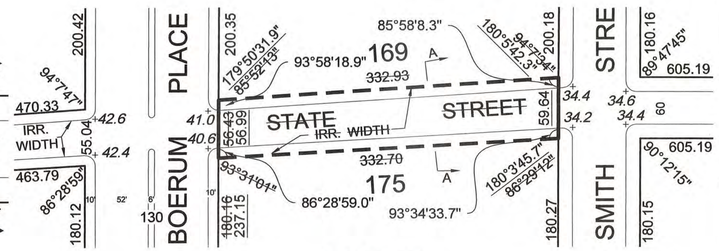
Z-030

3/26/2019

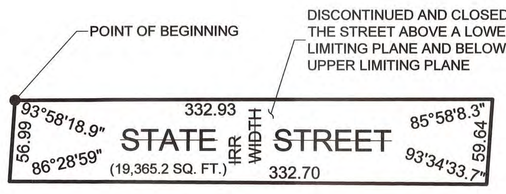




SECTION A-A
STATE STREET PLANE BETWEEN BOERUM PLACE AND SMITH STREET ABOVE A LOWER LIMITING PLANE AND BELOW AN UPPER LIMITING PLANE
SCALE: 1" = 30"



DETAIL "A"
STATE STREET PLAN BETWEEN BOERUM PLACE AND SMITH STREET ABOVE A LOWER LIMITING PLANE AND BELOW AN UPPER LIMITING PLANE
SCALE: 1" = 70'



DISCONTINUANCE AND CLOSING MAP
SCALE: 1" = 50'

ENGLISH SCALE: 1 INCH = 40 FEET
0 40 80 120 160 FT

METRIC SCALE : 1 CM = 4.8 (15.75 FEET)
0 1 2 3 4 5 6 7 8 9 10 CM
0 9.6 19.2 28.8 38.4 48 M

STATE STREET
CITY MAP CHANGE

BROOKLYN, NEW YORK

APPLICANT:
NYC DEPARTMENT OF CORRECTION
75-20 ASTORIA BOULEVARD
EAST ELMHURST, NY11370
Tel: (718) 546-0700

ENGINEER:
PHILIP HABIB & ASSOCIATES
102 MADISON AVENUE
NEW YORK, NY 10016
Tel: (212) 929-5656

NOTE

- Indicates street line heretofore established and hereby retained.
- Indicates street line hereby established.
- Indicates street line heretofore established and hereby eliminated.
- Indicates discontinuing and closing line.
- Indicates extension lines shown for tie-in dimensions.

283.13 Indicates dimension heretofore established and hereby retained.
57.00 Indicates dimension hereby established.
~~332.70~~ Indicates dimension heretofore established and hereby eliminated.
34.2 Indicates elevation heretofore established and hereby retained.
65' Indicates tie-in distance to an elevation heretofore established and hereby retained.
175 Indicates Brooklyn tax block number.

Elevations apply to center line of streets unless otherwise indicated.

Elevations refer to Brooklyn datum which is 2.725 feet above the N.G.S. datum at Sandy Hook, New Jersey.

No changes are contemplated in blocks shown without dimensions.

Theoretical treatment
Section 15 & 16 of the Kings County Land Map

REFERENCE MAPS

B.P. ACC. MAP NO.	(D.C.P. NO.)	DATED
L-1005	CP3369	06/09/1944
V-275-F	CP5570	03/19/1948
V-850	CP11233	10/06/1954
W-934	CP12048	10/17/1955
N-1793	CP19008	06/08/1965
Y-2133	CP22173	10/16/1972
X-2126	CP22174	10/10/1973

STATE STREET

APPLICATION MAP

SHOWING
THE ELIMINATION, DISCONTINUANCE, AND CLOSING
OF
STATE STREET
BETWEEN BOERUM PLACE AND SMITH STREET ABOVE
A LOWER LIMITING PLANE AND BELOW AN UPPER LIMITING PLAN
AND
THE ADJUSTMENT OF GRADES AND BLOCK DIMENSIONS NECESSITATED THEREBY
IN THE AREA BOUNDED BY BOERUM PLACE, SMITH STREET, ATLANTIC STREET, AND SCHERMERHORN STREET

DATE *10/15/2018*
PROJECT NO. *1820E*
DRAWN BY: *C.P.*
CHECKED BY: *P.H.*

STATE OF NEW YORK PHILIP A. HABIB LICENSED PROFESSIONAL ENGINEER No. 071055

PHA

© 2018 PRESIDENT BOROUGH OF BROOKLYN

Borough Based Jails: Brooklyn State Street City Map Change Area Map

Applicant: New York City Department of Correction
75-20 Astria Boulevard
Elmhurst, NY 11370

Legend

- Proposed Project Area
- 600-Foot Radius

Subway Lines / Stops

Existing Special Districts

Existing Commercial Overlays

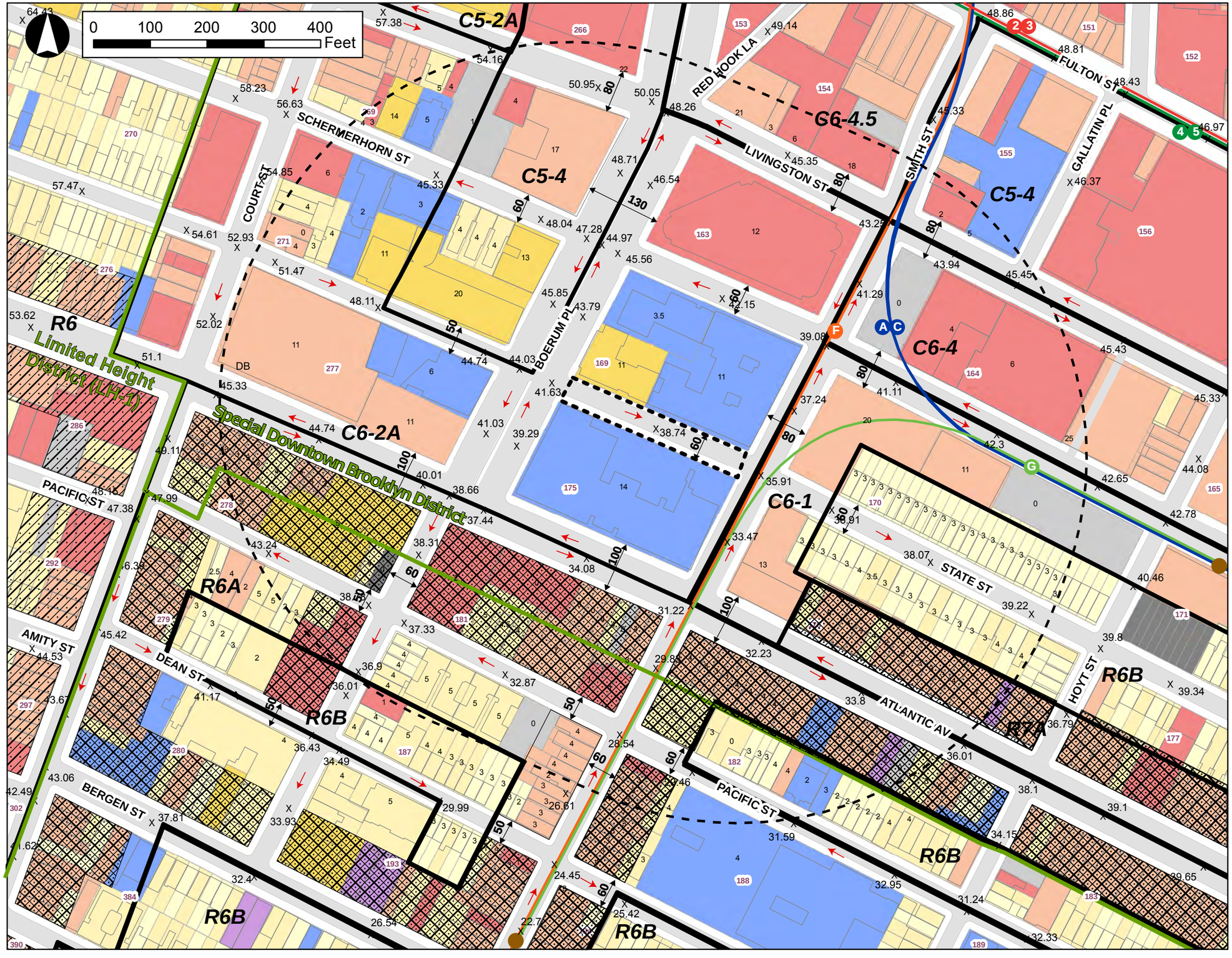
- C2-3
- C2-4
- Street Direction
- 60 Street Width
- 14 Number of Floors
- 175 Tax Blocks

Existing Zoning Districts

C6-2A

- One & Two Family Buildings
- Multi-Family Walk-Up Buildings
- Multi-Family Elevator Buildings
- Mixed Residential & Commercial Buildings
- Commercial & Office Buildings
- Industrial & Manufacturing
- Transportation & Utility
- Public Facilities & Institutions
- Open Space
- Parking Facilities
- Vacant Land
- All Others or No Data





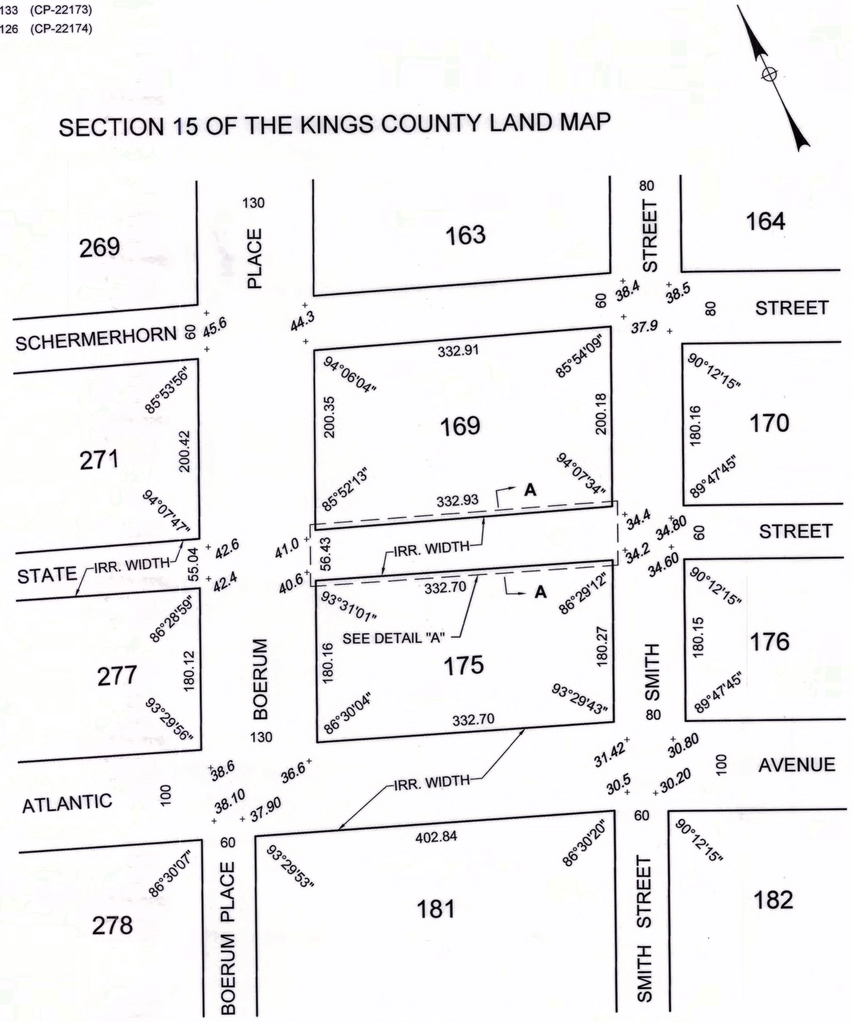
X-2753

CPC. NO. 190116MMK

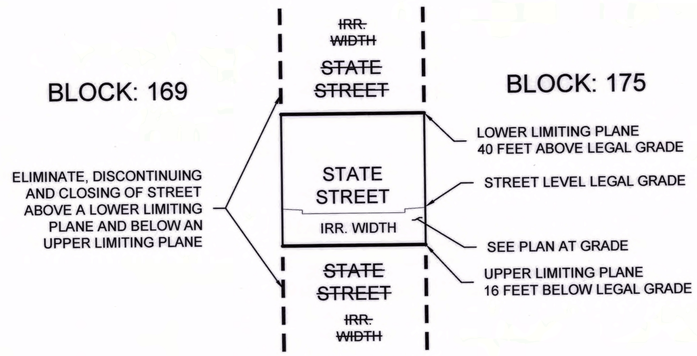
REFERENCE MAPS

FINAL SECTIONS: 15, 16
L-805
G-772
V-275 (CP-5570)
V-850 (CP-11233)
W-2120 (CP-12048)
Y-2133 (CP-22173)
X-2126 (CP-22174)

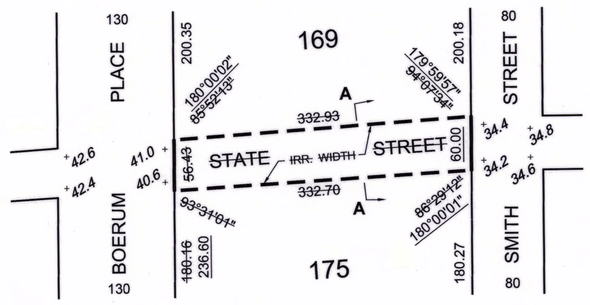
SECTION 15 OF THE KINGS COUNTY LAND MAP



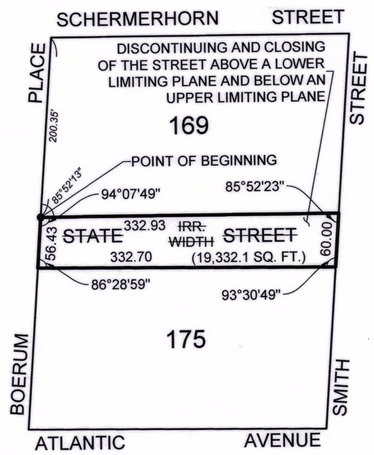
PLAN AT GRADE
SCALE: 1" = 80'



SECTION A-A
STATE STREET PLANE BETWEEN BOERUM PLACE AND SMITH STREET ABOVE A LOWER LIMITING PLANE AND BELOW AN UPPER LIMITING PLANE
SCALE: 1" = 30'



DETAIL "A"
STATE STREET PLAN BETWEEN BOERUM PLACE AND SMITH STREET ABOVE A LOWER LIMITING PLANE AND BELOW AN UPPER LIMITING PLANE
SCALE: 1" = 80'



DISCONTINUING AND CLOSING MAP
SCALE: 1" = 80'

ENGLISH SCALE: 1 INCH = 80 FEET
0 80 160 240 320
0 9.6 19.2 28.8 38.4
METRIC SCALE: 1 CM = 9.6 METERS (31.5 FEET)

CHECKED BY: _____
REVIEWED BY: _____

PREPARED BY:
PHILIP HABIB & ASSOCIATES
102 MADISON AVENUE
NEW YORK, NEW YORK 10016

STATE OF NEW YORK
PHILIP A. HABIB
No. 81090
LICENSED PROFESSIONAL ENGINEER

LEGEND

———	Indicates street line heretofore established and hereby retained.
———	Indicates street line hereby established.
- - -	Indicates street line heretofore established and hereby eliminated.
——·——	Indicates discontinuing and closing line.
·····	Indicates extension lines shown for tie-in dimensions.
200.18	Indicates dimension heretofore established and hereby retained.
60.00	Indicates dimension hereby established.
~~332.70~~	Indicates dimension heretofore established and hereby eliminated.
37.9	Indicates elevation heretofore established and hereby retained.
200.35'	Indicates tie-in distance to an elevation heretofore established and hereby retained.
175	Indicates Brooklyn tax block number.

Elevations apply to top of curb unless otherwise indicated.

Elevations refer to Brooklyn Borough Highway datum which is 2.56 feet above the U.S. Coast and Geodetic Survey datum at Sandy Hook, New Jersey.

I, Secretary of the City Planning Commission, do hereby certify that this map is one of _____ similar maps approved by the City Planning Commission on the ___ day of _____, 2019 (Cal. No._____ and subsequently approved by the City Council on _____, 2019 (Res. No._____), which action comprised final approval and that this map was filed on the date of this certification and will take effect on the following day.

Dated: New York: _____

_____
Secretary, City Planning Commission

CITY OF NEW YORK
BOROUGH OF BROOKLYN
OFFICE OF THE PRESIDENT
TOPOGRAPHICAL BUREAU

MAP NO. X-2753

SHOWING

THE ELIMINATION DISCONTINUING AND CLOSING

OF

STATE STREET

BETWEEN BOERUM PLACE AND SMITH STREET
ABOVE A LOWER LIMITING PLANE AND
BELOW AN UPPER LIMITING PLANE

AND

THE ADJUSTMENT OF GRADES AND BLOCK DIMENSIONS NECESSITATED THEREBY

IN THE AREA BOUNDED BY BOERUM PLACE, SMITH STREET, ATLANTIC AVENUE AND SCHERMERHORN STREET

DATED: MARCH 25, 2019

ERIC L. ADAMS
PRESIDENT, BOROUGH OF BROOKLYN

ALVIN GOODMAN, P.E.
CHIEF ENGINEER

PHILLIP MONTGOMERY, P.E.
CHIEF ENGINEER,
DEPARTMENT OF CITY PLANNING

3/2019

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X-2753

X-2753
CPC. NO. 190116MMK