



Parks

Carl Schurz Park Security Measures Construction

Located between East End Avenue and FDR Drive,
in the borough of Manhattan

CB 8 Review Presentation

November 7, 2019

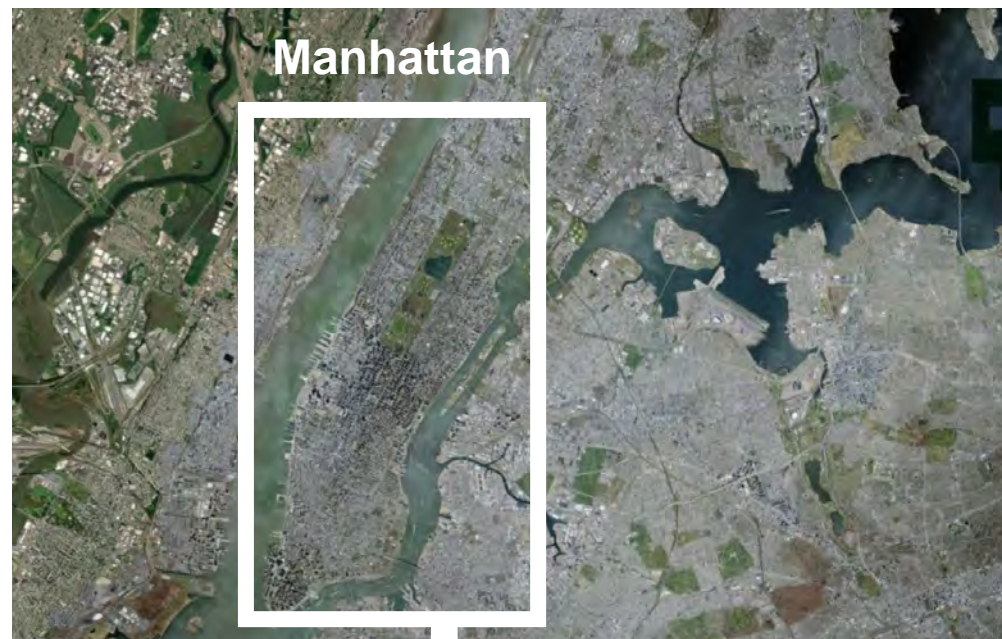
NYC Parks, HDR, Thornton Tomasetti, Mathews Nielsen Landscape Architects

Total Budget: \$1,153,518
Mayoral Funded Project FY2018

Project Size: 14.9 acres

Goals

- Install security measures at all entrances to Carl Schurz Park to prevent unauthorized vehicular access
- Maintain existing access to the park for all visitors and maintenance vehicles
- Incorporate existing materials of the park into material palette for security measures



CITY

2 MI



NEIGHBORHOOD

2000'



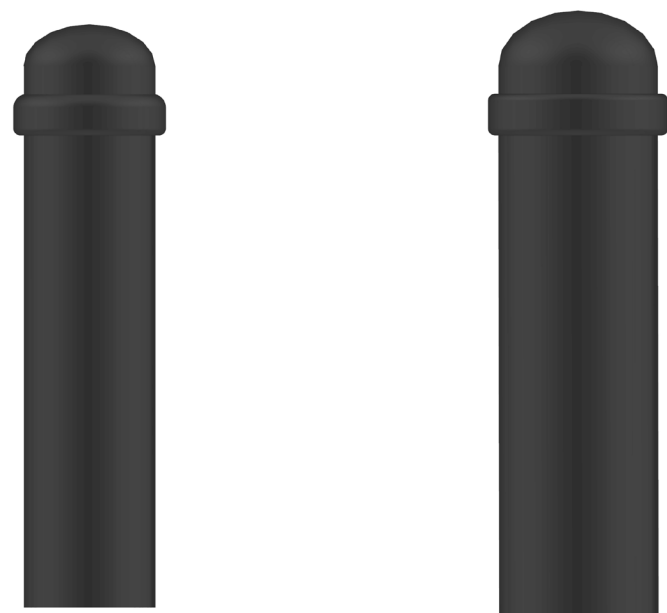
SITE

400'

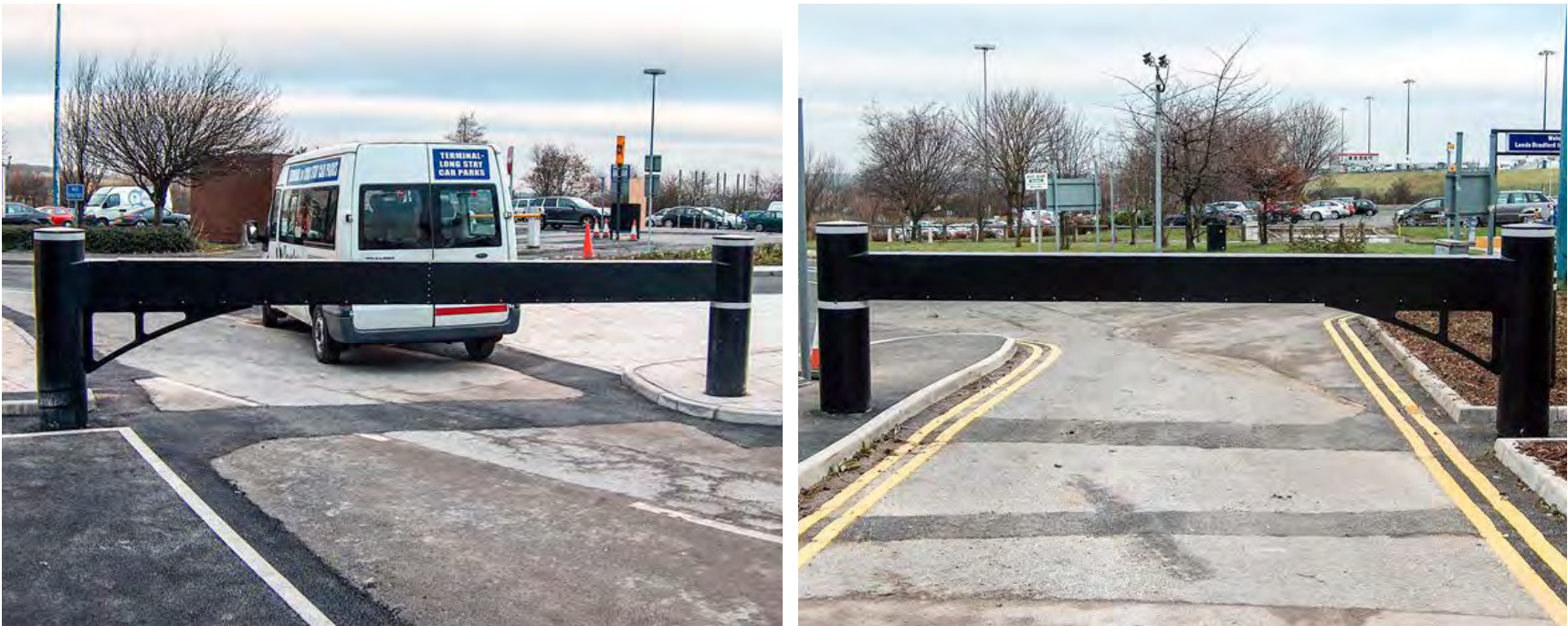


Entrance 2 currently has operable bollards and is used for access to Gracie Mansion. Entrance 3 has a pair of previously operable bollards that have been fixed in the upright position and act as a fixed measure. These measures will remain in service with no modifications as per Citywide Security Measures Scoping Report , May 2019.

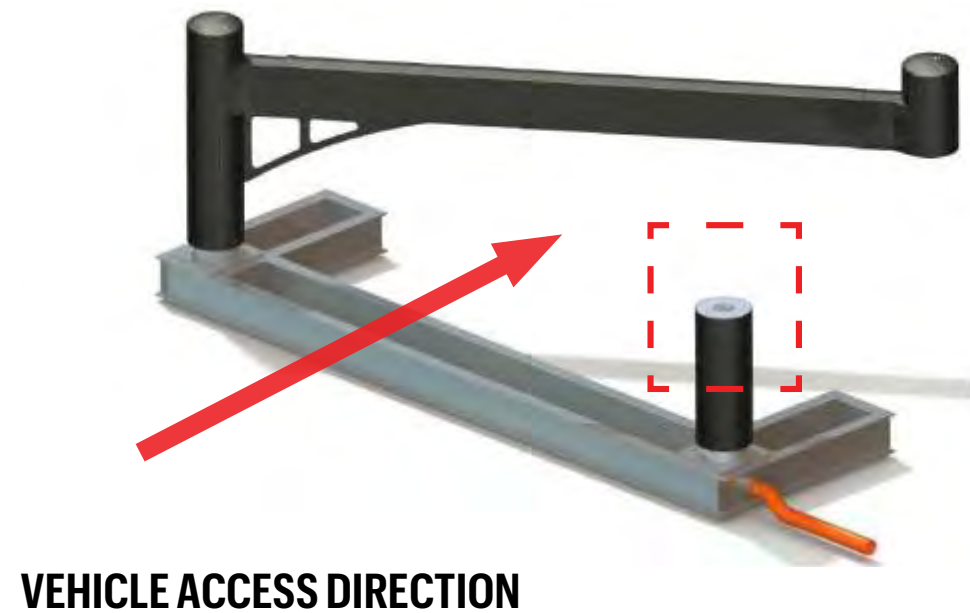
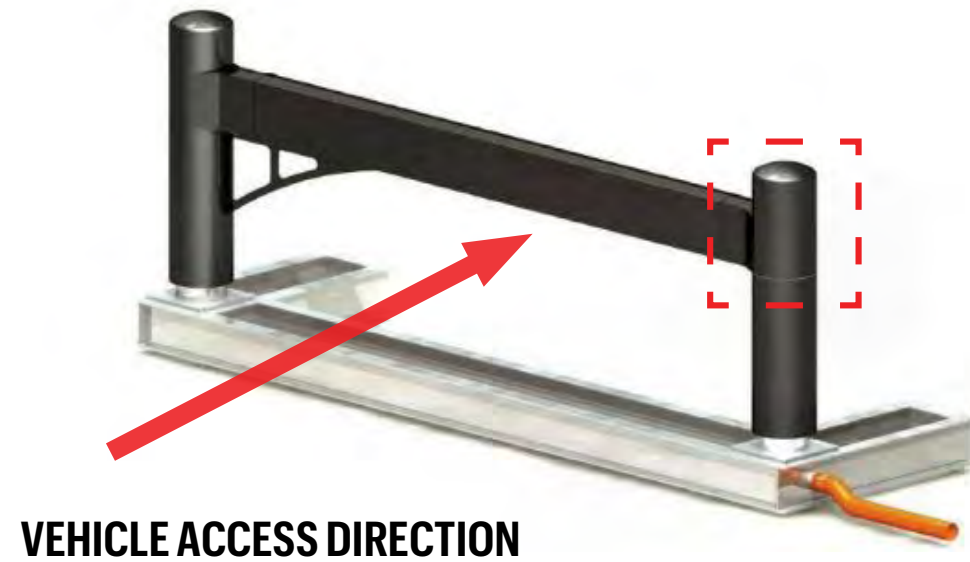
BLACK COATED METAL BOLLARD WITH ROUNDED TOP



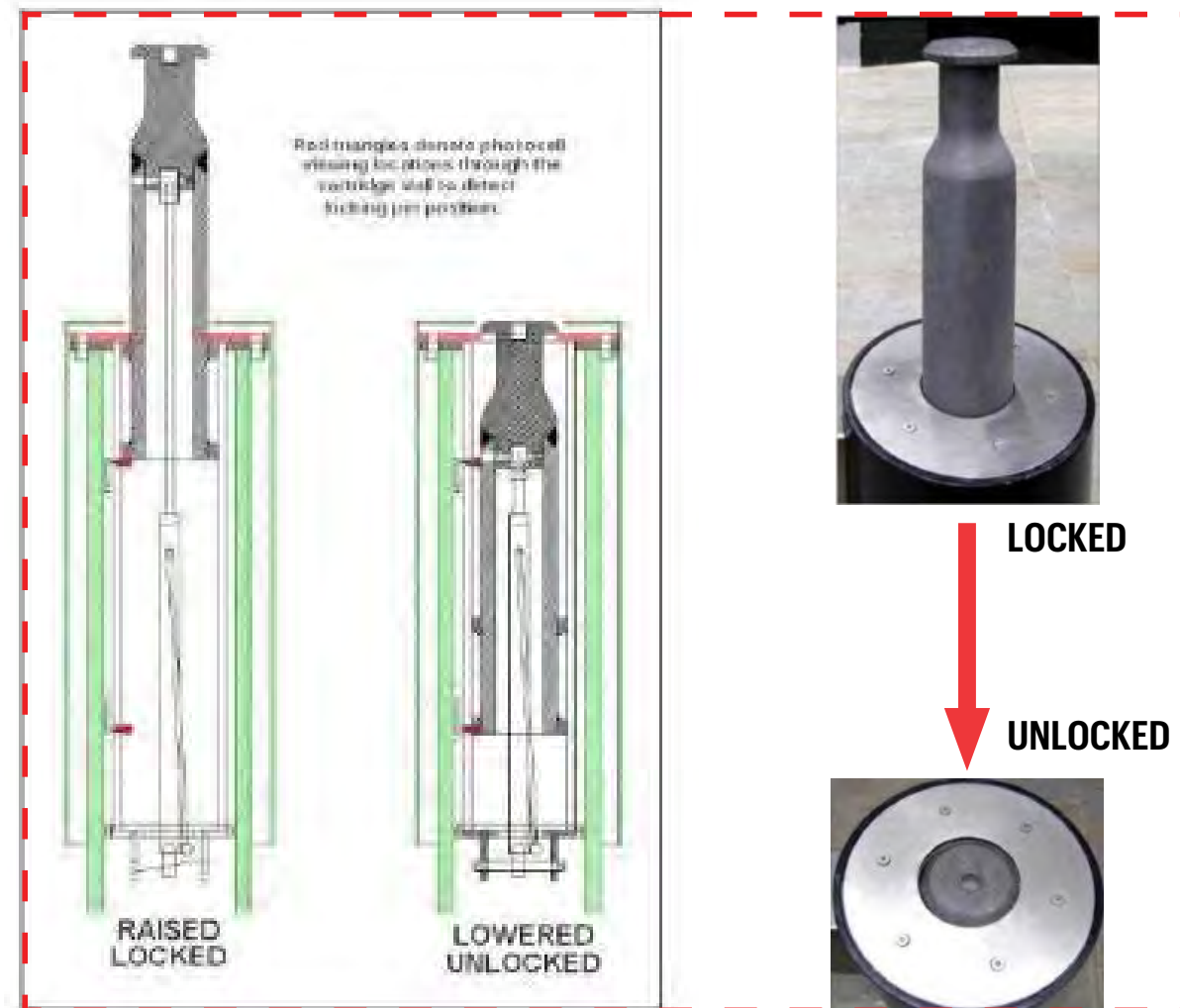
OPERABLE SWING GATE FOR VEHICULAR ENTRANCES



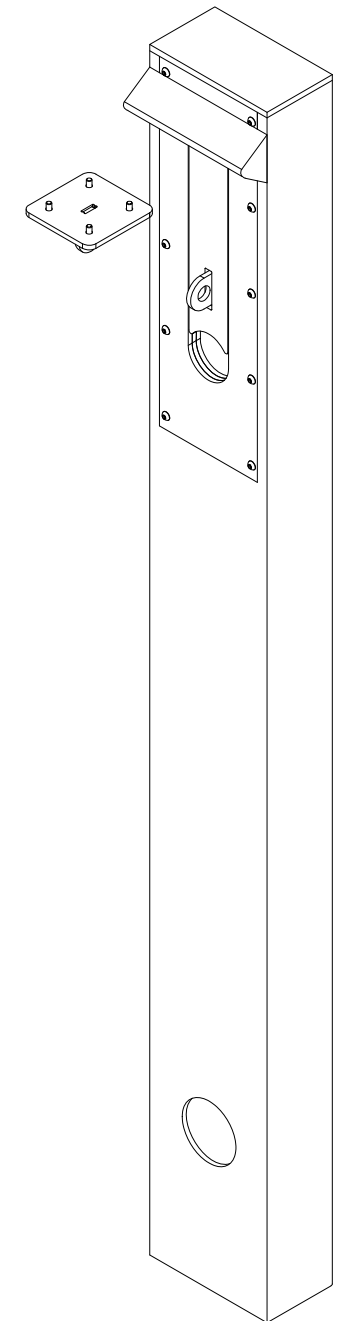




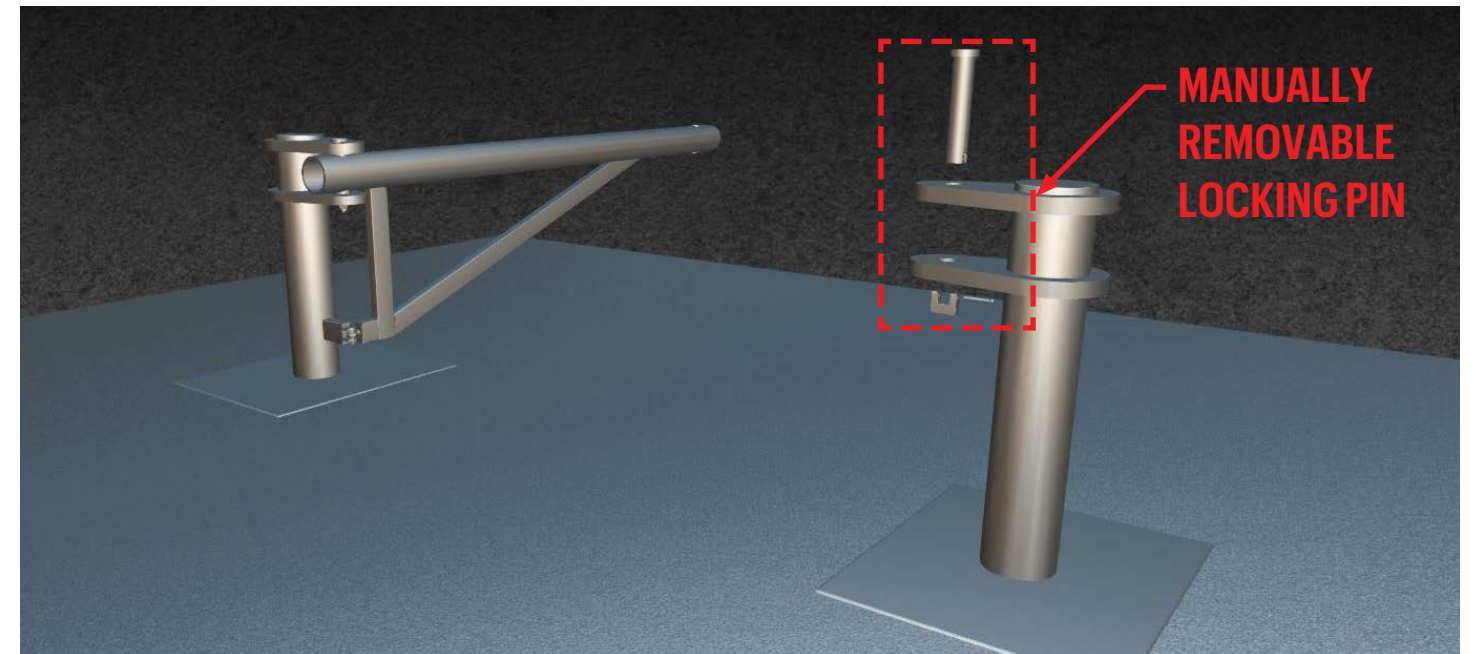
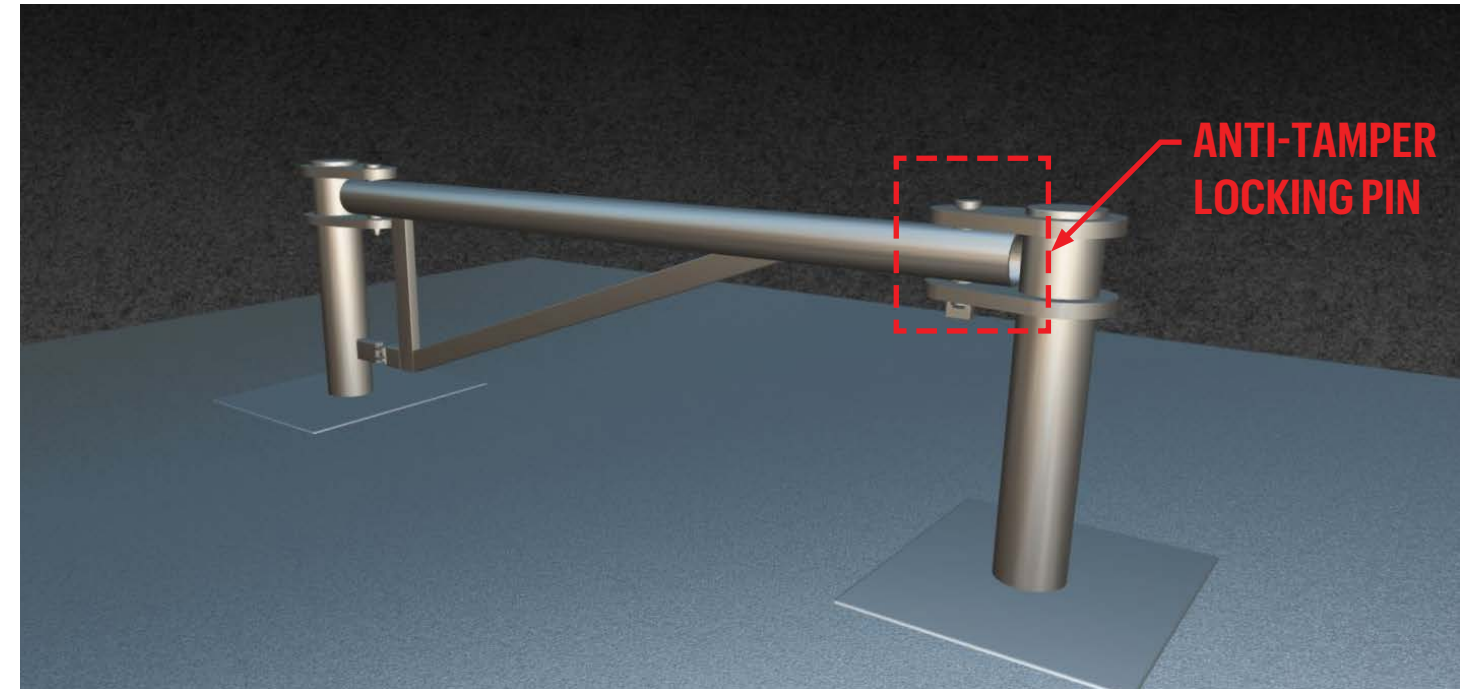
TYPICALLY, SWING GATE OPENS INWARD (TOWARD PROTECTED AREA), BUT IT IS POSSIBLE FOR GATE TO MOVE IN EITHER DIRECTION.



MANUAL LOCKING PIN IS NOT DRIVEN INTO THE GROUND, SO THERE IS LITTLE RISK OF DEBRIS PREVENTING THE PIN FROM FUNCTIONING. LOCKING PIN IS OPERATED BY HAND CRANK/PUMP. HAND CRANK/PUMP IS IN A SECURE LOCKED BOX AND IS ONLY ACCESSIBLE TO THOSE WHO HAVE A KEY. GATE CAN BE OPERATED BY ONE PERSON WITH THE USE OF A LATCH POST.



GATE LATCH POST PREVENTS SWING ARM FROM DAMAGING SURROUNDING STRUCTURES AND/OR VEHICLES PROCEEDING THROUGH GATE.



- SWING GATE OPENS 90 DEGREES EITHER OUTWARD OR INWARD AND DOES NOT SWING MORE THAN 180 DEGREES TOTAL
- MANUAL OPERATION WITH LOCKING PIN THAT IS ENCASED BY ANTI-TAMPER LOCKING MECHANISM; RESISTANT TO ATTACK FROM HAND AND BATTERY POWERED TOOLS
- IMPACT TESTED TO INTERNATIONAL IWA 14-1 SPECIFICATION FOR VEHICLES TRAVELLING AT 50 MPH
- CAN SPAN ENTRANCES UP TO 30'










View of Entrance 1 from East End Ave at E 89th St.




Existing Conditions Plan

LEGEND

 Light fixture	 Drainage
 Stone wall	 Sewer line
 Stone column	 Manhole



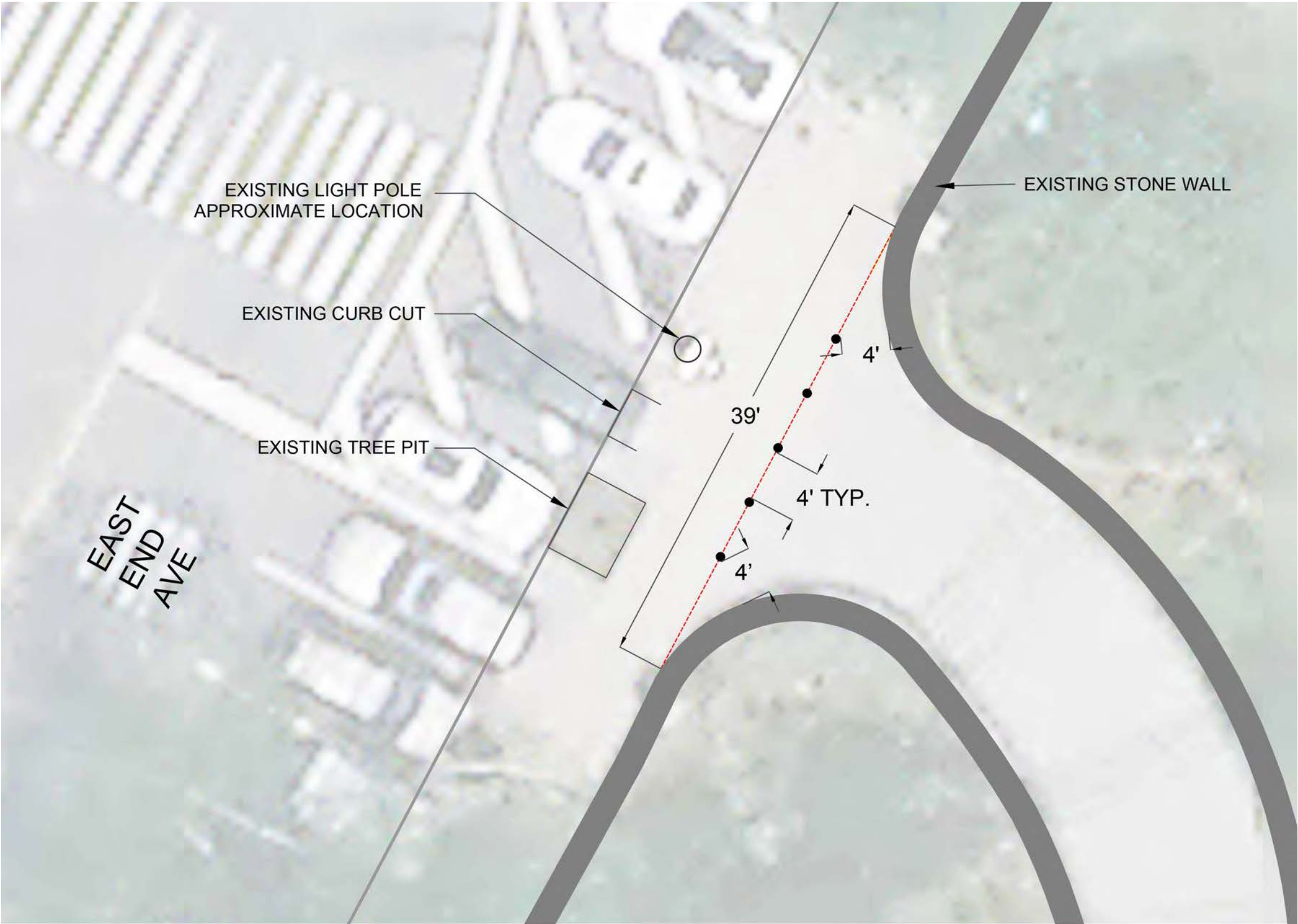
N



0' 50'

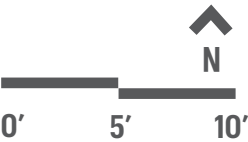


LOCATION 1 [Low Risk]



LEGEND

- 8.75" Diameter Fixed Bollard
- Centerline





View of Entrance 4 from East End Ave at E 86th St.



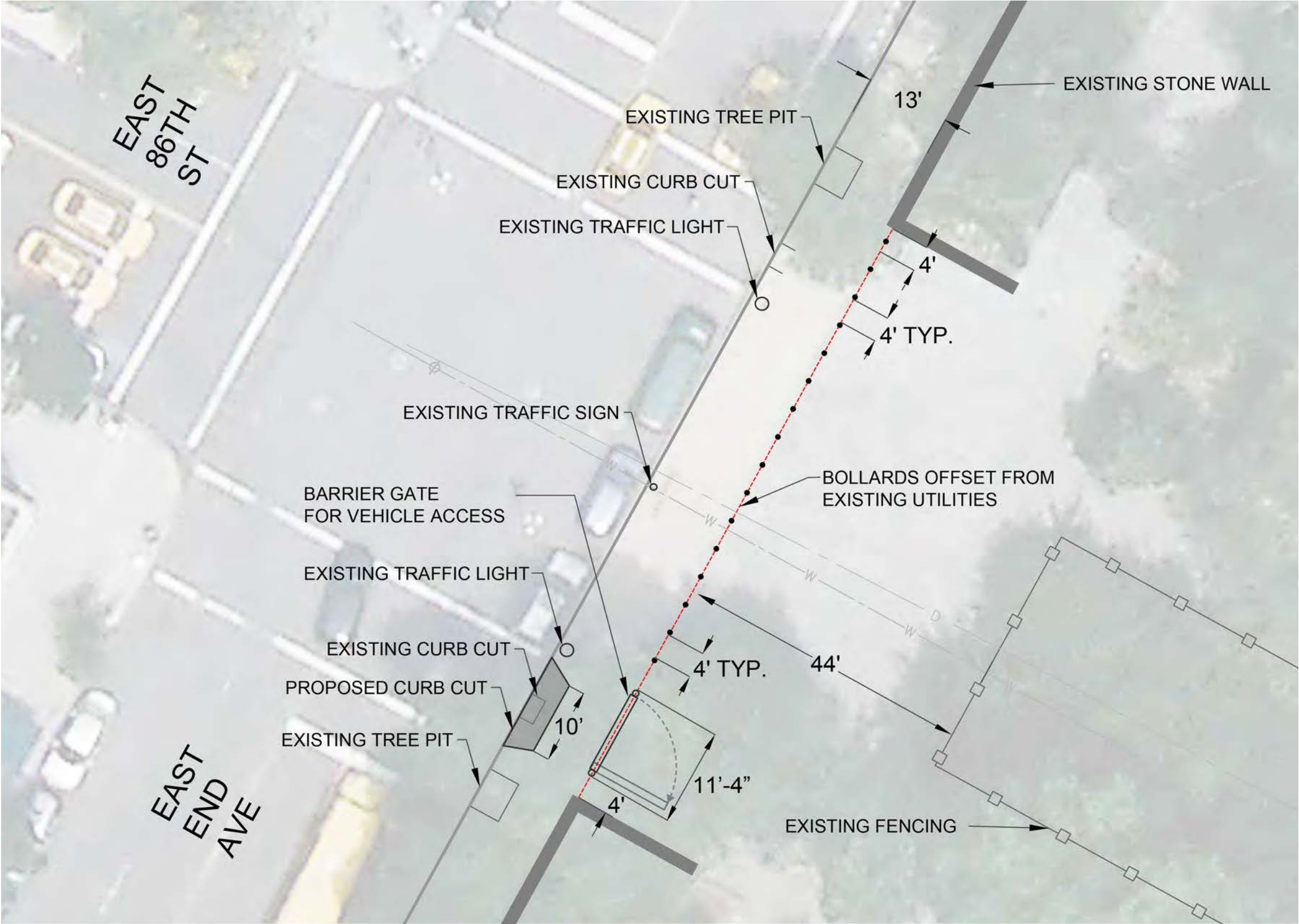
Existing Conditions Plan

LEGEND

- Stone wall
 - Stone column
 - Vehicle circulation
 - Sewer line
 - Manhole
- 0' 50'
- N

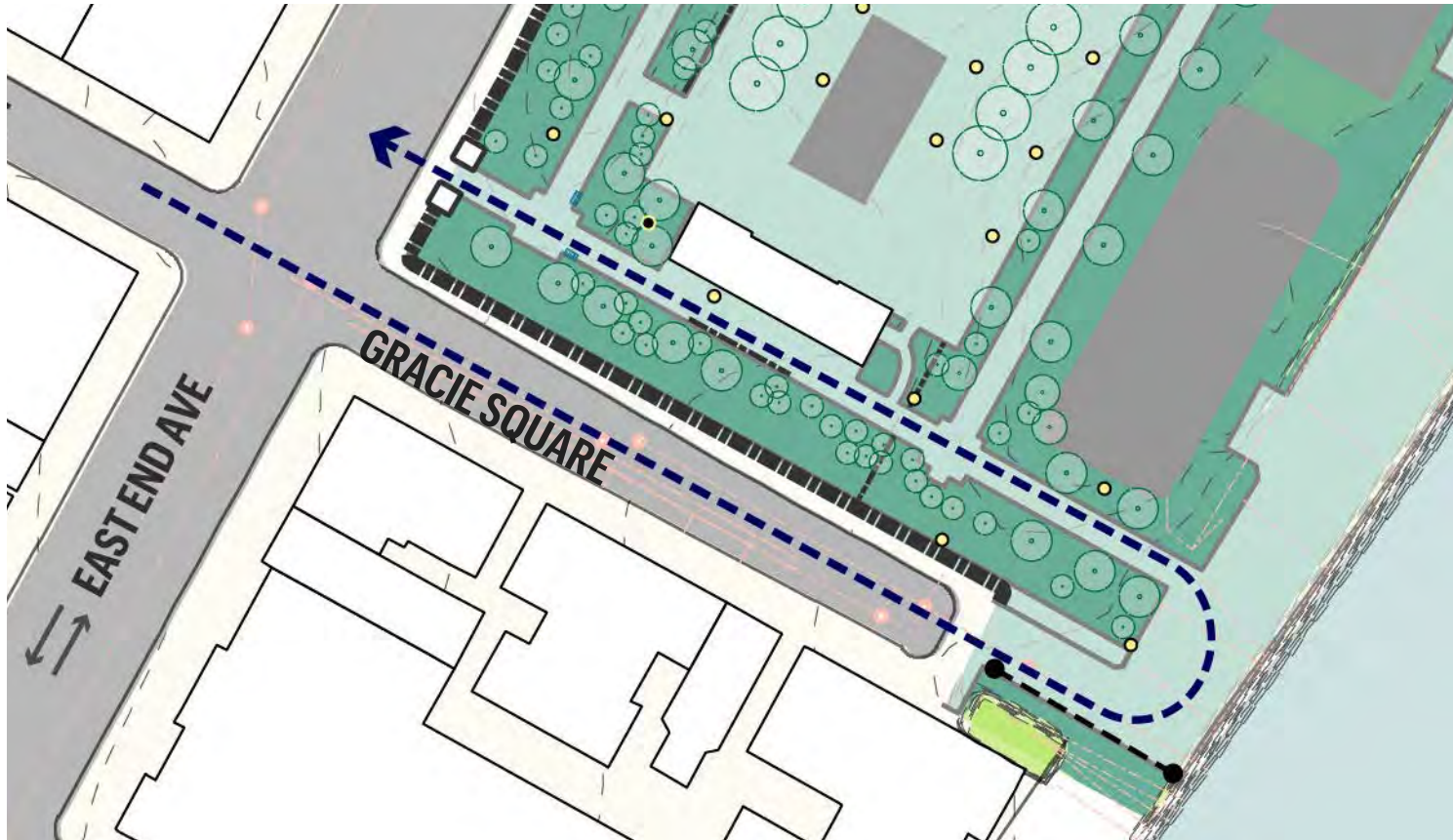


LOCATION 4 [High Risk]





View of Entrance 5 from East End Ave at E 84th St.



Existing Conditions Plan

Light fixture

Stone wall

Stone column

Vehicle circulation

Existing gate

Sewer line

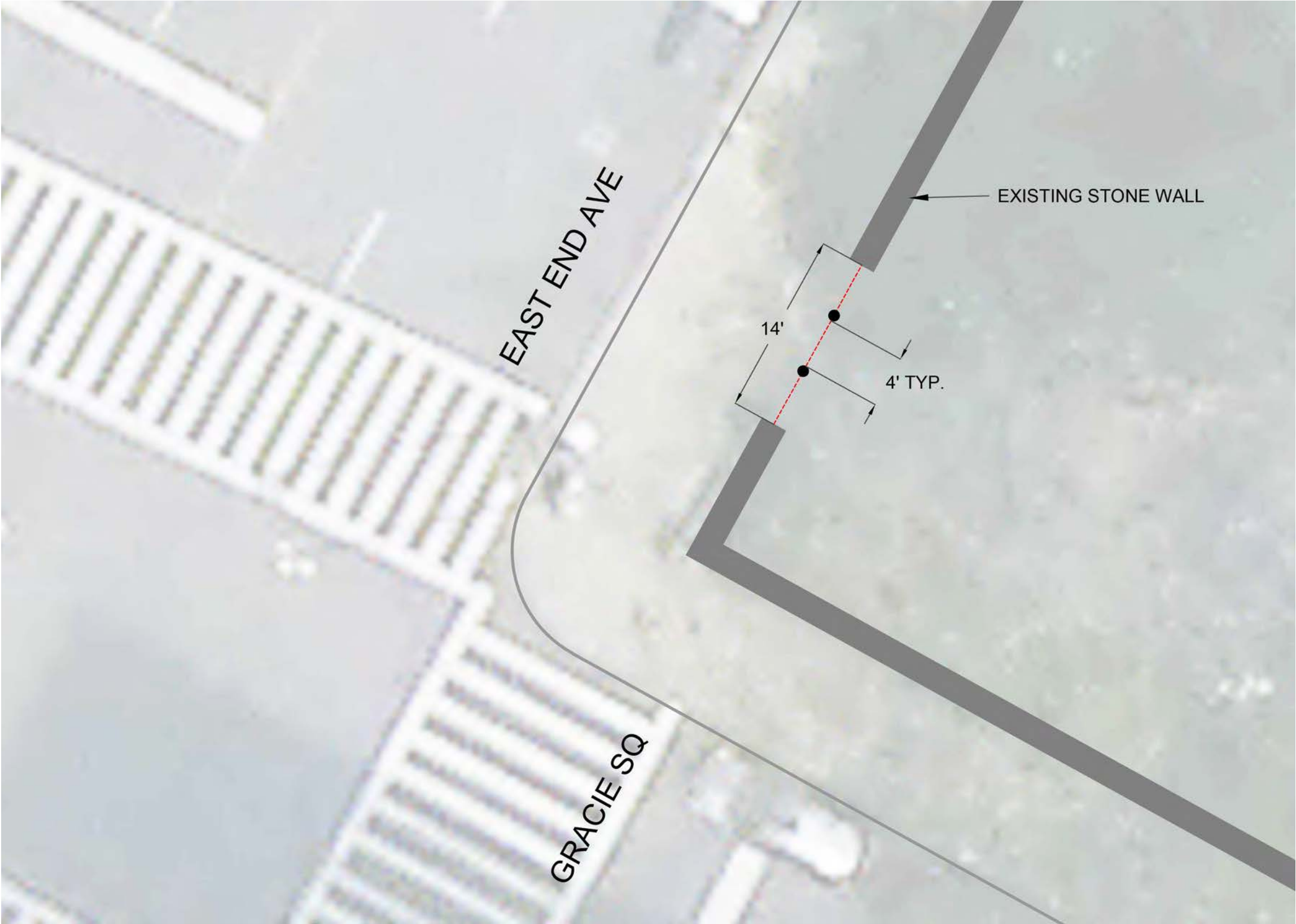
Manhole

N

0' 50'

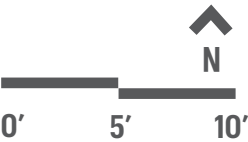


LOCATION 5 [Low Risk]



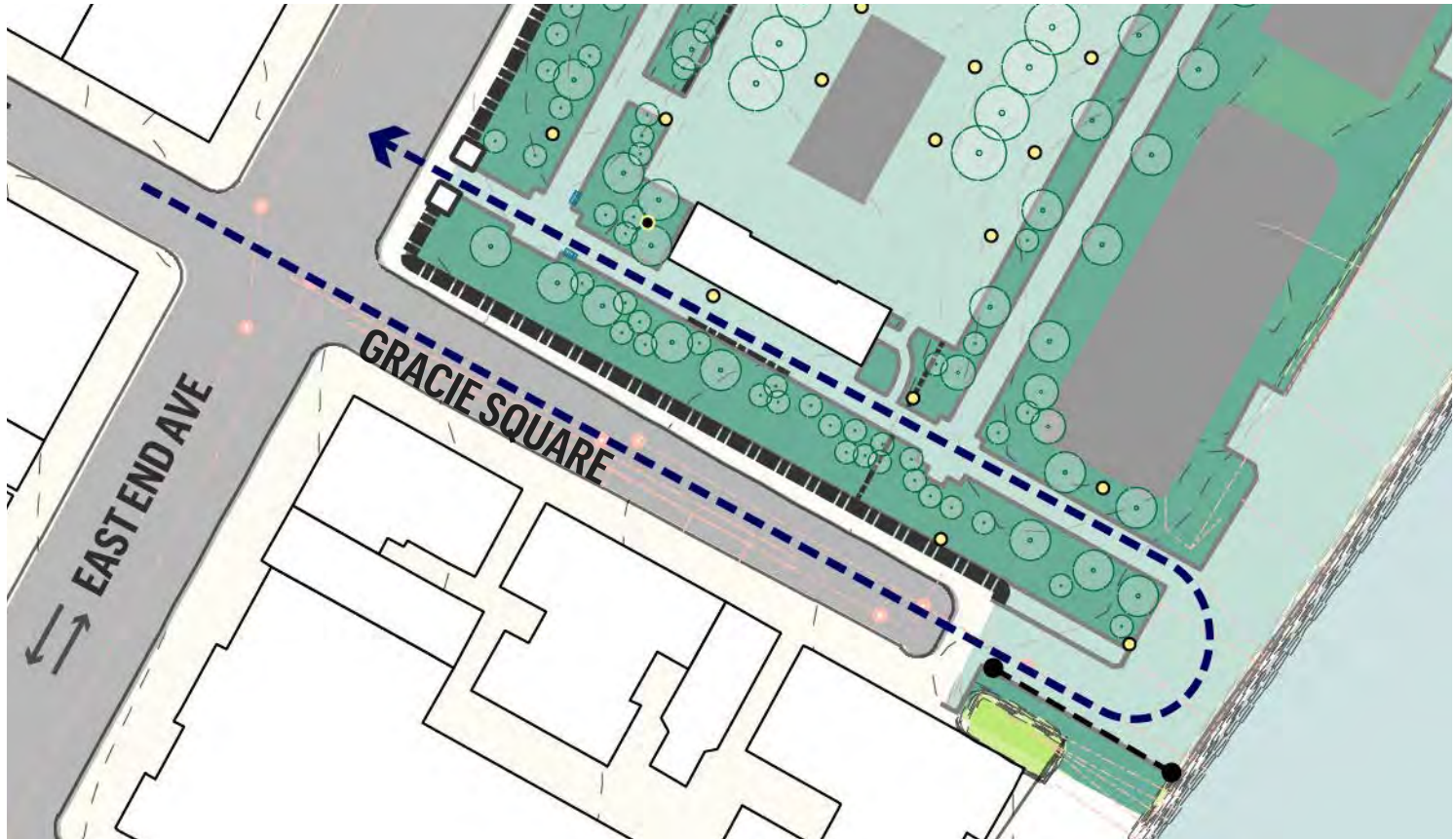
LEGEND

- 8.75" Diameter Fixed Bollard
- - - Centerline





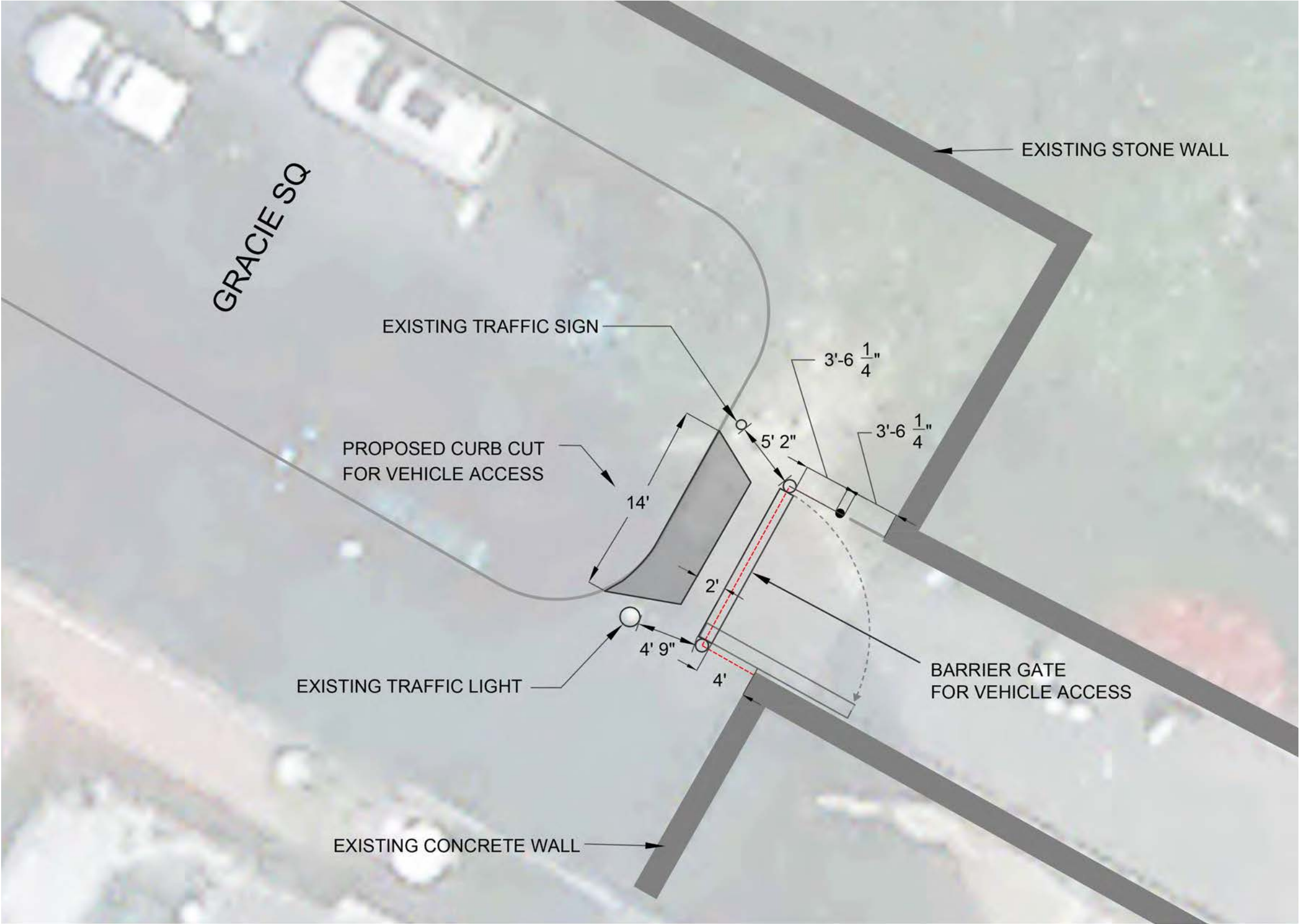
View of Entrance 6 from Gracie Square



Existing Conditions Plan



LOCATION 6 [Low Risk]

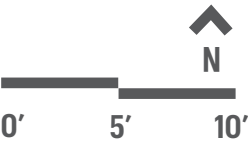


NOTES: ENTRANCE 6 WILL BE ACCESSIBLE FOR BOTH EMERGENCY AND MAINTENANCE VEHICLES

EXISTING SECURITY MEASURES TO BE REMOVED AS NECESSARY

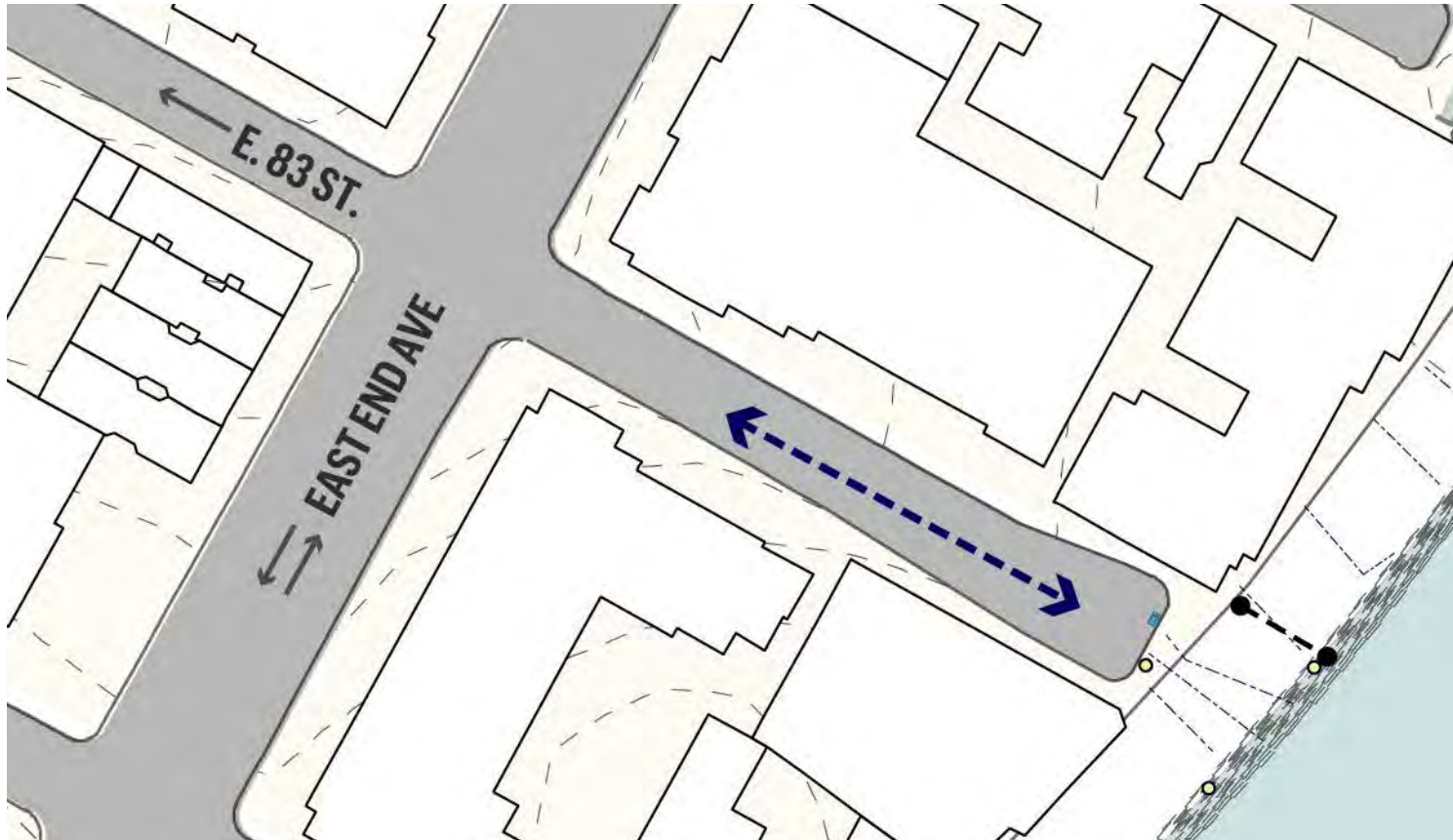
LEGEND

- 8.75" Diameter Fixed Bollard
- - - Centerline





View of Entrance 7 from John Finley Walk, looking towards E. 83rd St.



Existing Conditions Plan

LEGEND

Vehicle circulation

Drainage

Existing gate

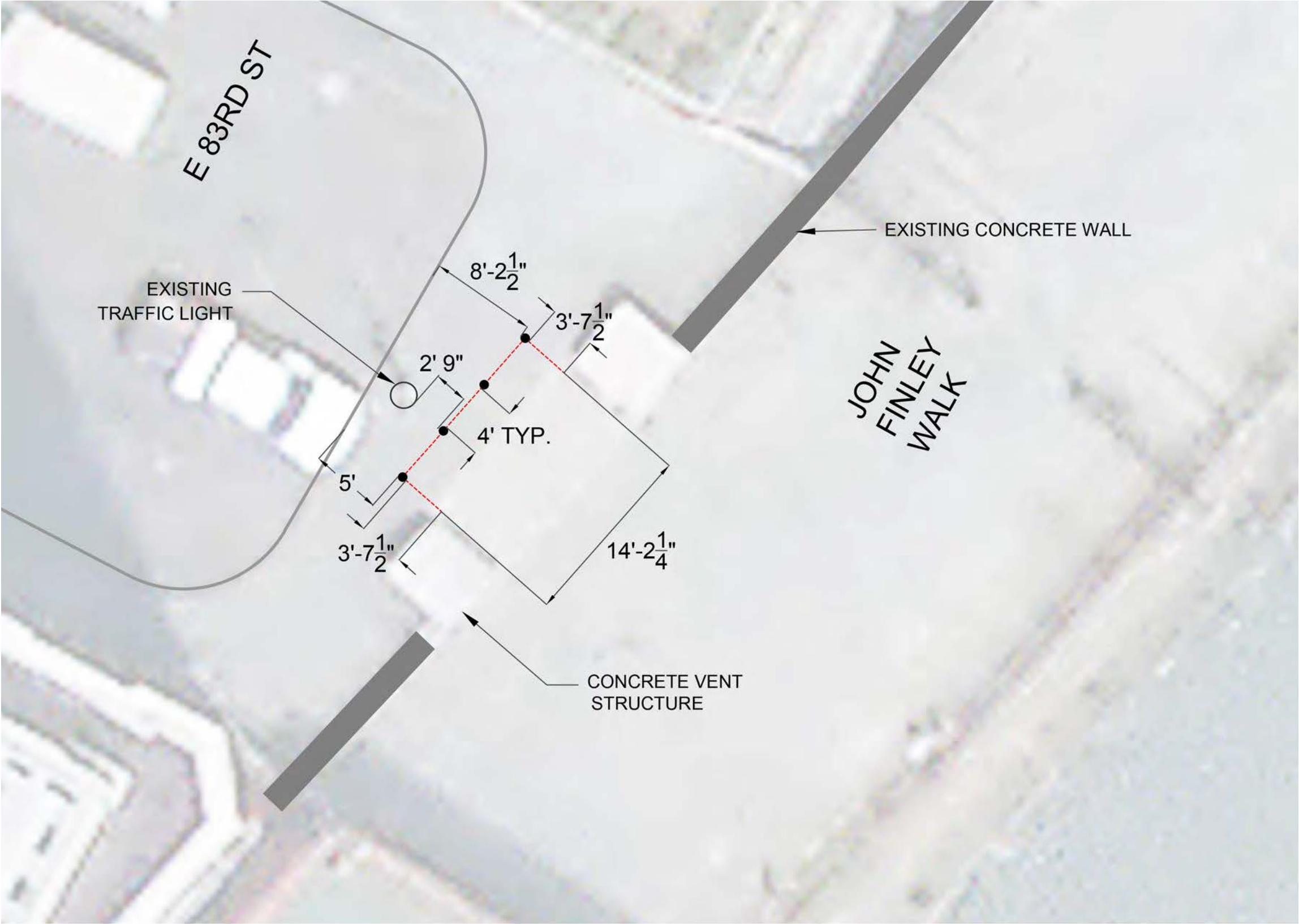
Light fixture

0' 50'

N



LOCATION 7 [Low Risk]



LEGEND

- 8.75" Diameter Fixed Bollard
- - - Centerline

