



Proposed Generator Installation

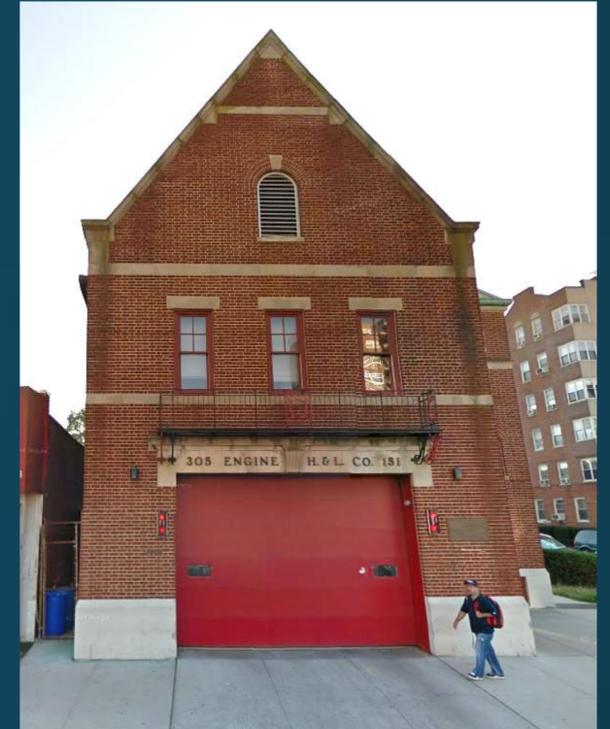
FDNY Engine 305

111-02 Queens Boulevard, Queens

Existing Conditions



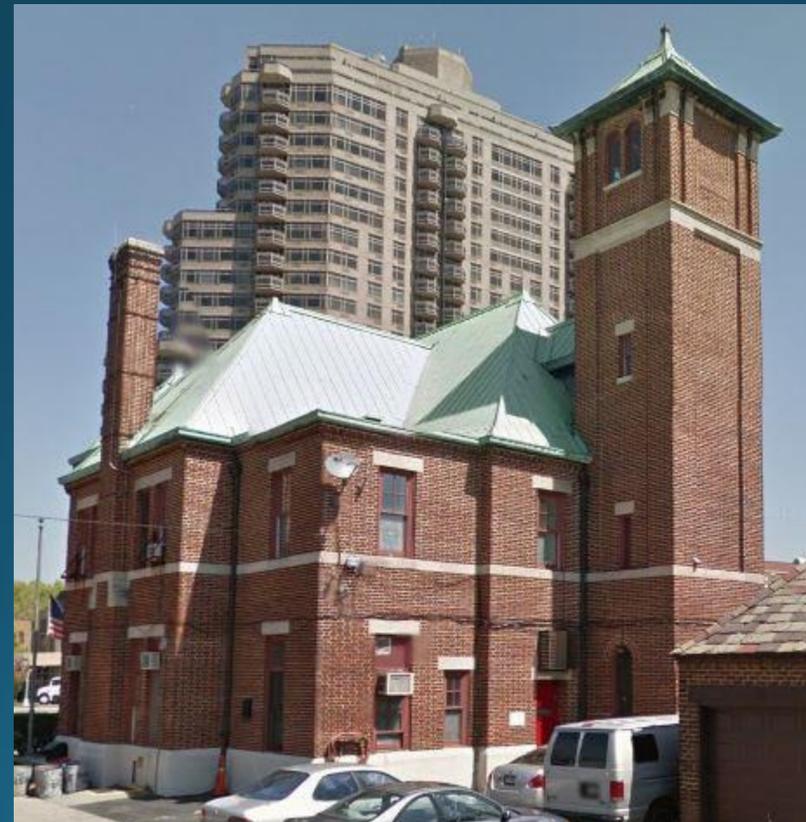
Project Location Key Plan



North (front) Elevation as seen from Queens Boulevard



West Elevation as seen from Queens Boulevard



South (rear) Elevation as seen from 75th Avenue

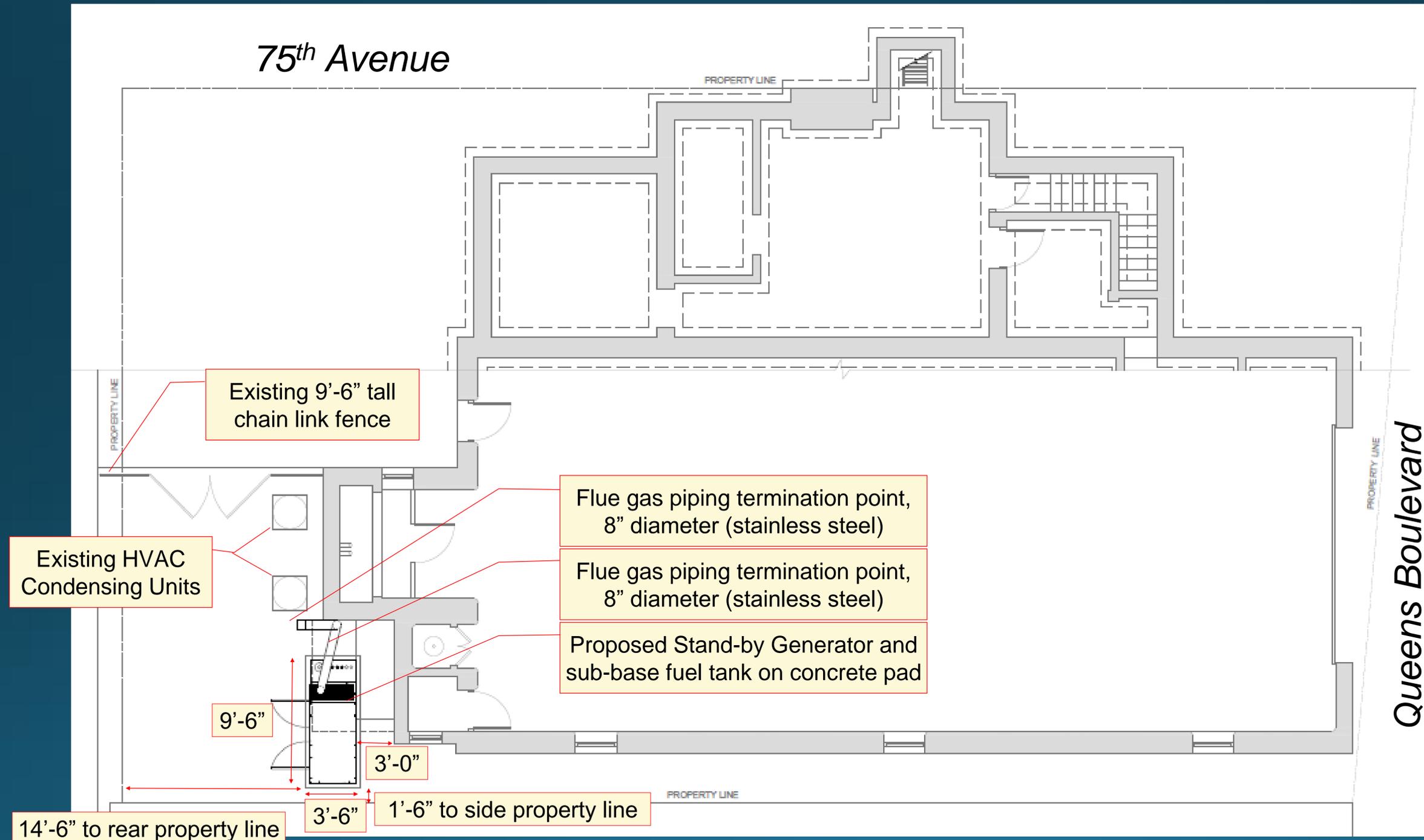


East Elevation as seen from the corner of Queens Boulevard & 75th Avenue



Proposed Generator Installation FDNY Engine 305

Proposed Conditions



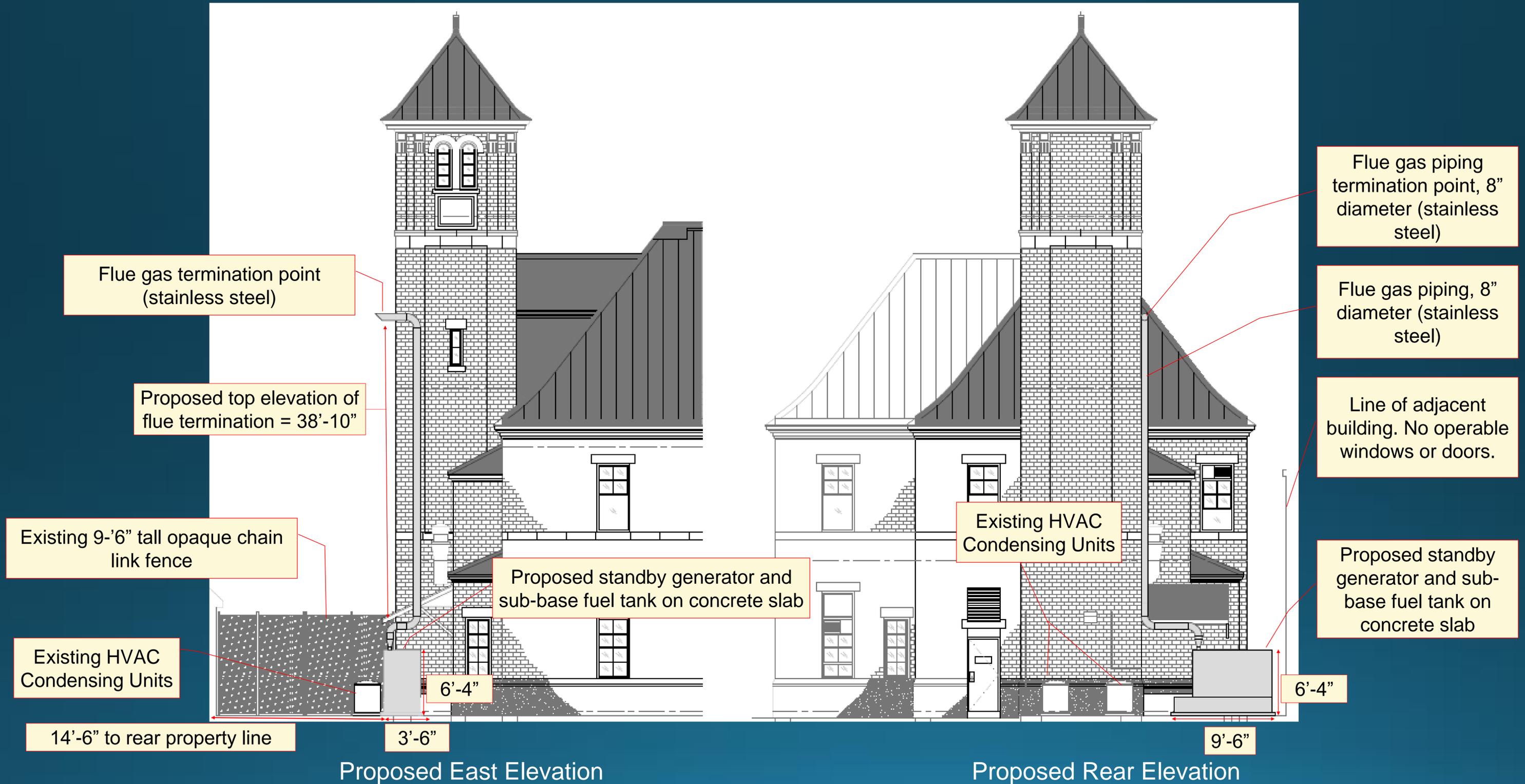
Proposed Site Plan



Proposed Generator Installation

FDNY Engine 305

Proposed Conditions





Proposed Generator Installation FDNY Engine 305

Photo of Similar Installation





Proposed Generator Installation

FDNY Engine 305

Proposed Conditions

Engine Flue Gas Pipe Routing and Termination Point



2014 NYC Mechanical Code, Section MC811.2:

“The location of discharge openings for emergency and standby internal combustion engines shall comply with the requirements of NFPA 37 so that flue gases are not directed to jeopardize the health or safety of people, overheat combustible structures, nor enter building openings in the vicinity of the outlet...”

The exhaust gas pipe termination height shown here was selected in order to prevent flue gases from entering operable building openings such as nearby windows. Additionally, preventing exhaust flue gases from being wind-blown into any operable windows or doors on the existing 2-story residential structure on the adjacent rear property was also a concern.

View of EC305's Rear Yard and Nearby Structures with proposed termination point illustrated, as would be seen from 75th Avenue



Proposed Generator Installation

FDNY Engine 305

111-02 Queens Boulevard, Queens

Proposed Post-Installation Areas of Visibility



Proposed flue gas piping termination point

Area of Queens Boulevard from where proposed flue is visible

Area of 75th Avenue from where proposed flue is visible



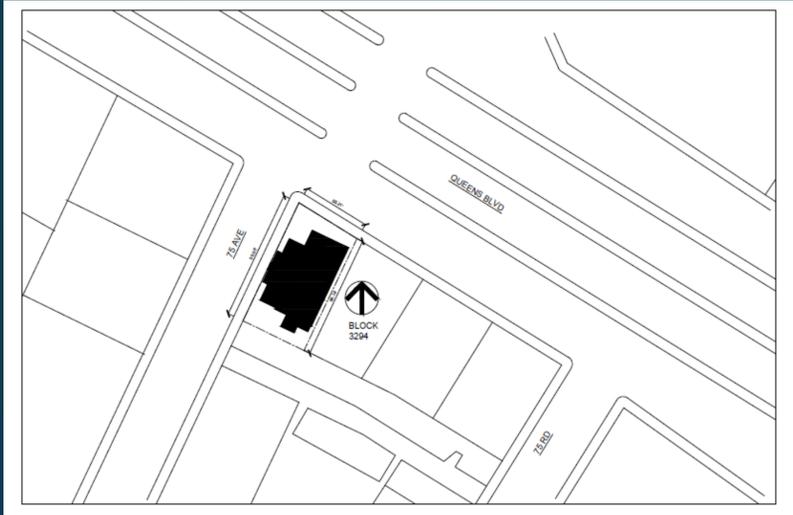
Proposed Generator Installation

FDNY Engine 305

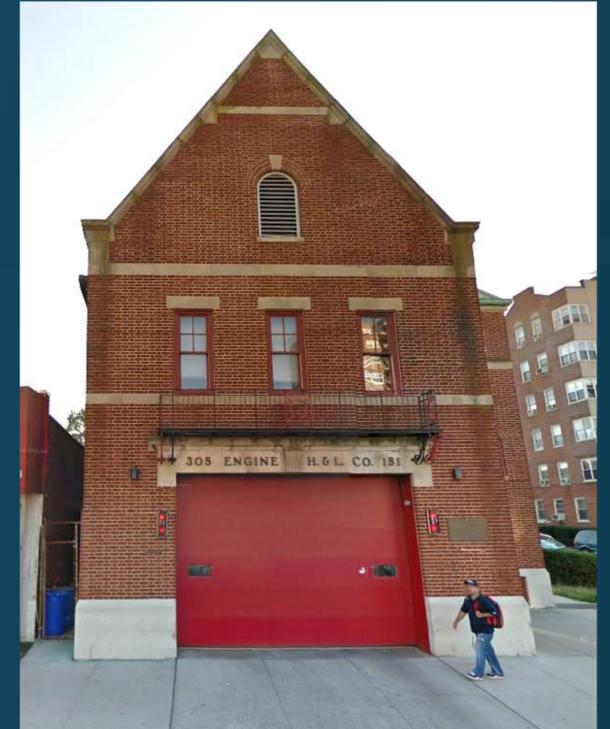
111-02 Queens Boulevard, Queens

Proposed Post-Installation Views

The only portion of the proposed installation visible from the surrounding community would be the flue gas pipe and termination point, which would only be visible from the West along Queens Boulevard, and only the termination point from the Rear from 75th Avenue. The generator unit itself is not visible from the surrounding areas.



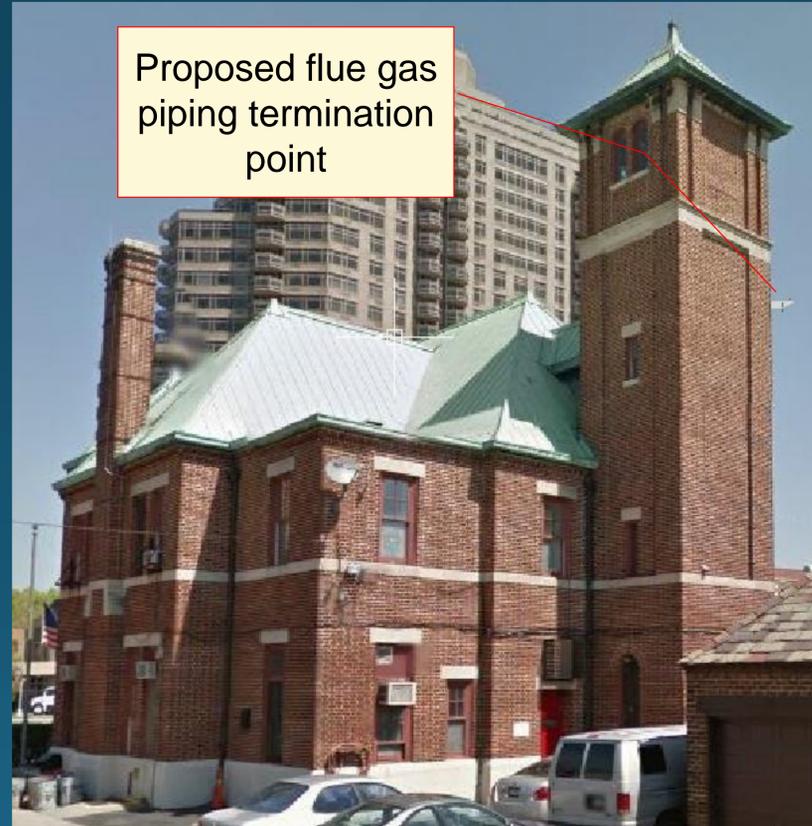
Project Location Key Plan



North (front) Elevation as seen from Queens Boulevard - **NO IMPACT**



West Elevation as seen from Queens Boulevard



South (rear) Elevation as seen from 75th Avenue



East Elevation as seen from the corner of Queens Boulevard & 75th Avenue - **NO IMPACT**

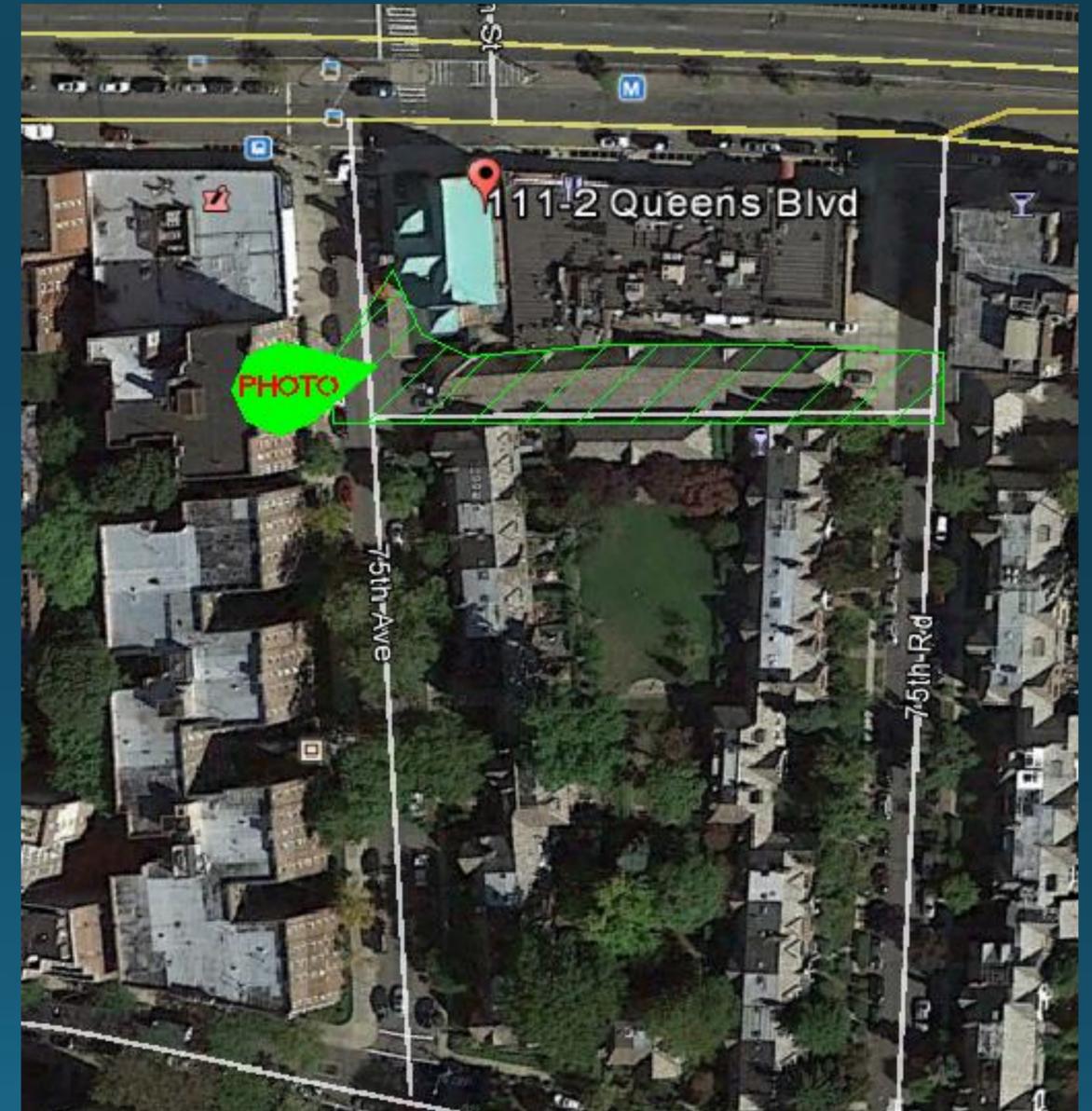


Proposed Generator Installation

FDNY Engine 305

111-02 Queens Boulevard, Queens

Proposed Post-Installation Views from 75th Avenue



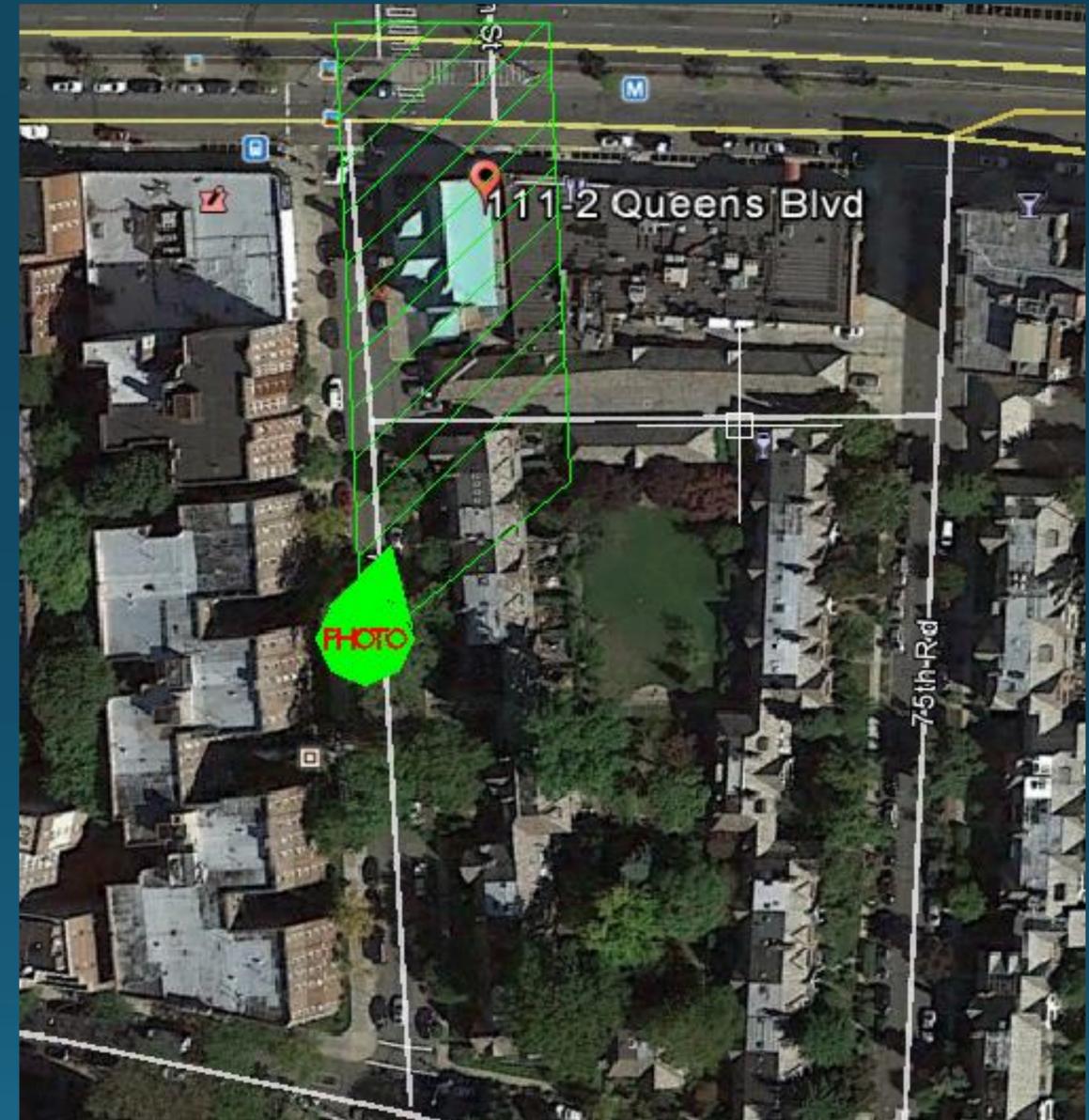


Proposed Generator Installation

FDNY Engine 305

111-02 Queens Boulevard, Queens

Proposed Post-Installation Views from 75th Avenue



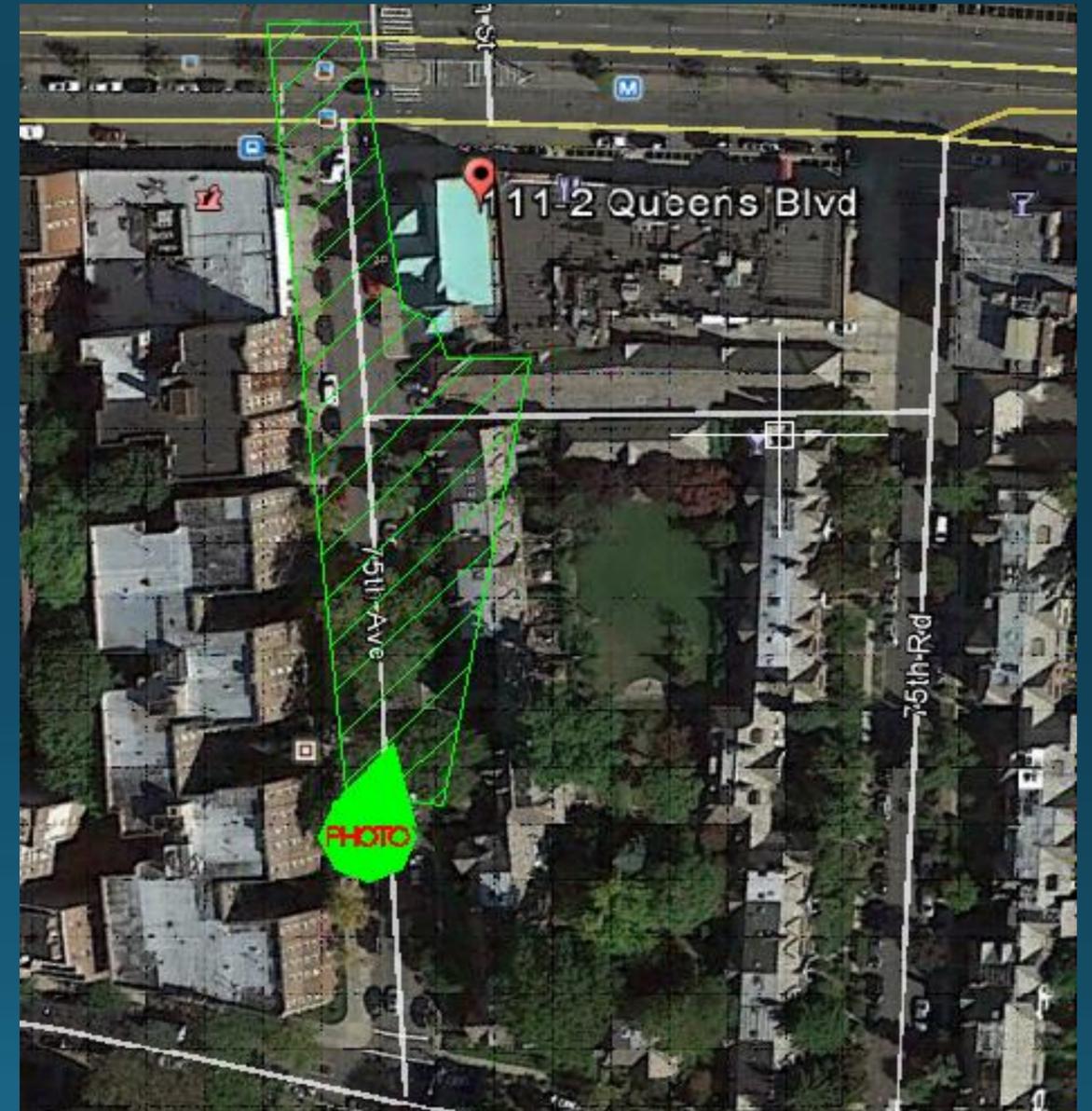
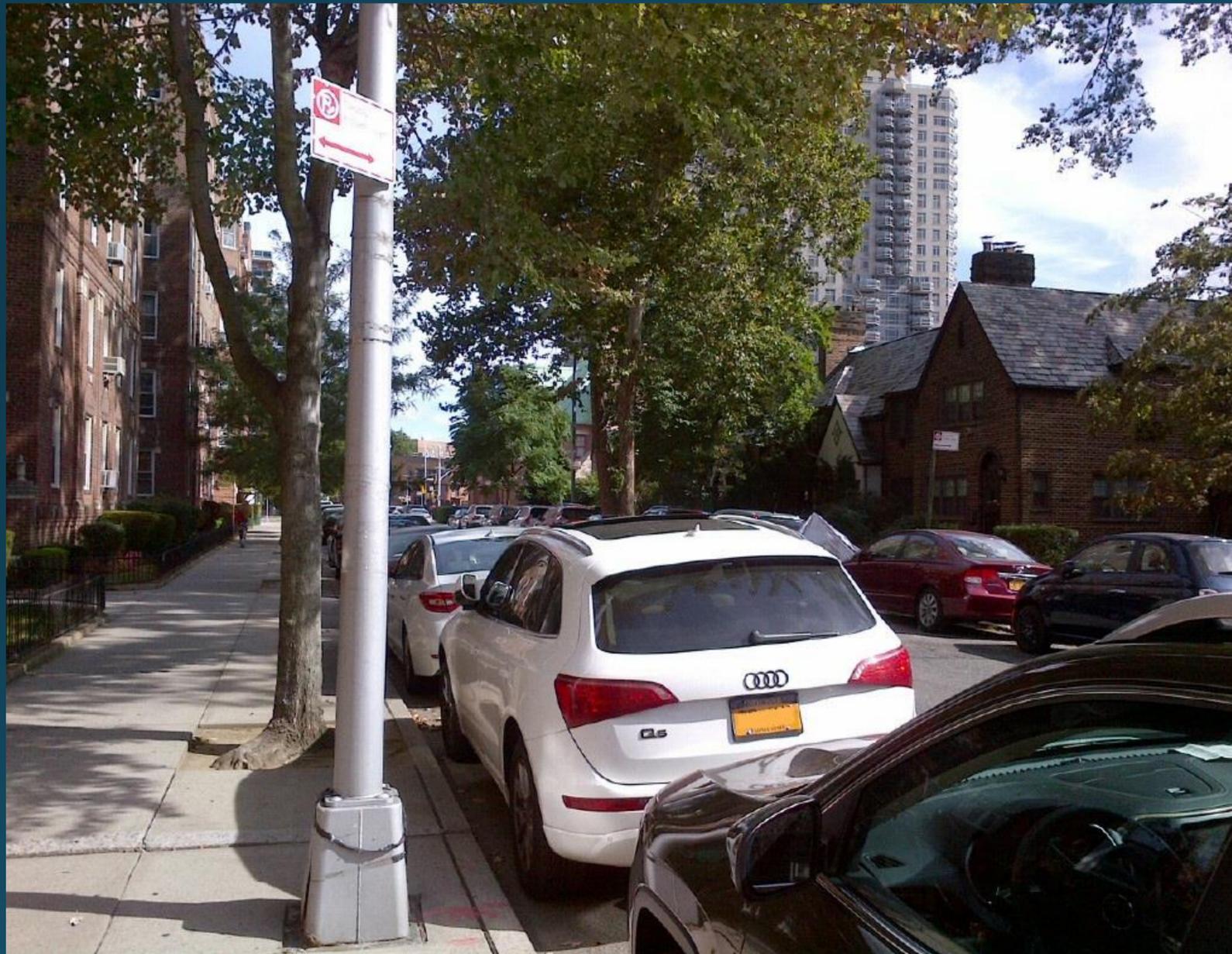


Proposed Generator Installation

FDNY Engine 305

111-02 Queens Boulevard, Queens

Proposed Post-Installation Views from 75th Avenue



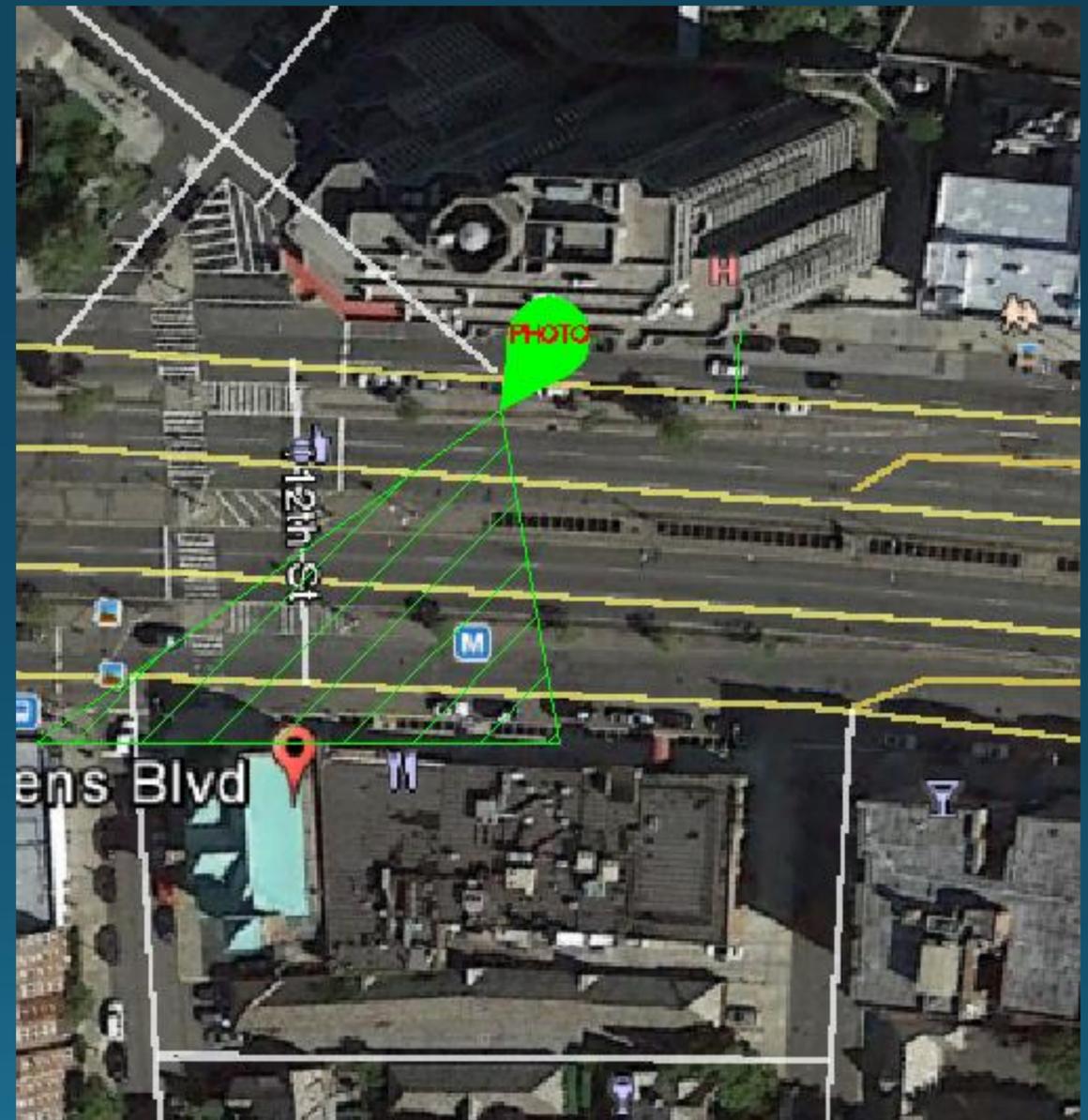


Proposed Generator Installation

FDNY Engine 305

111-02 Queens Boulevard, Queens

Proposed Post-Installation Views from Queens Boulevard



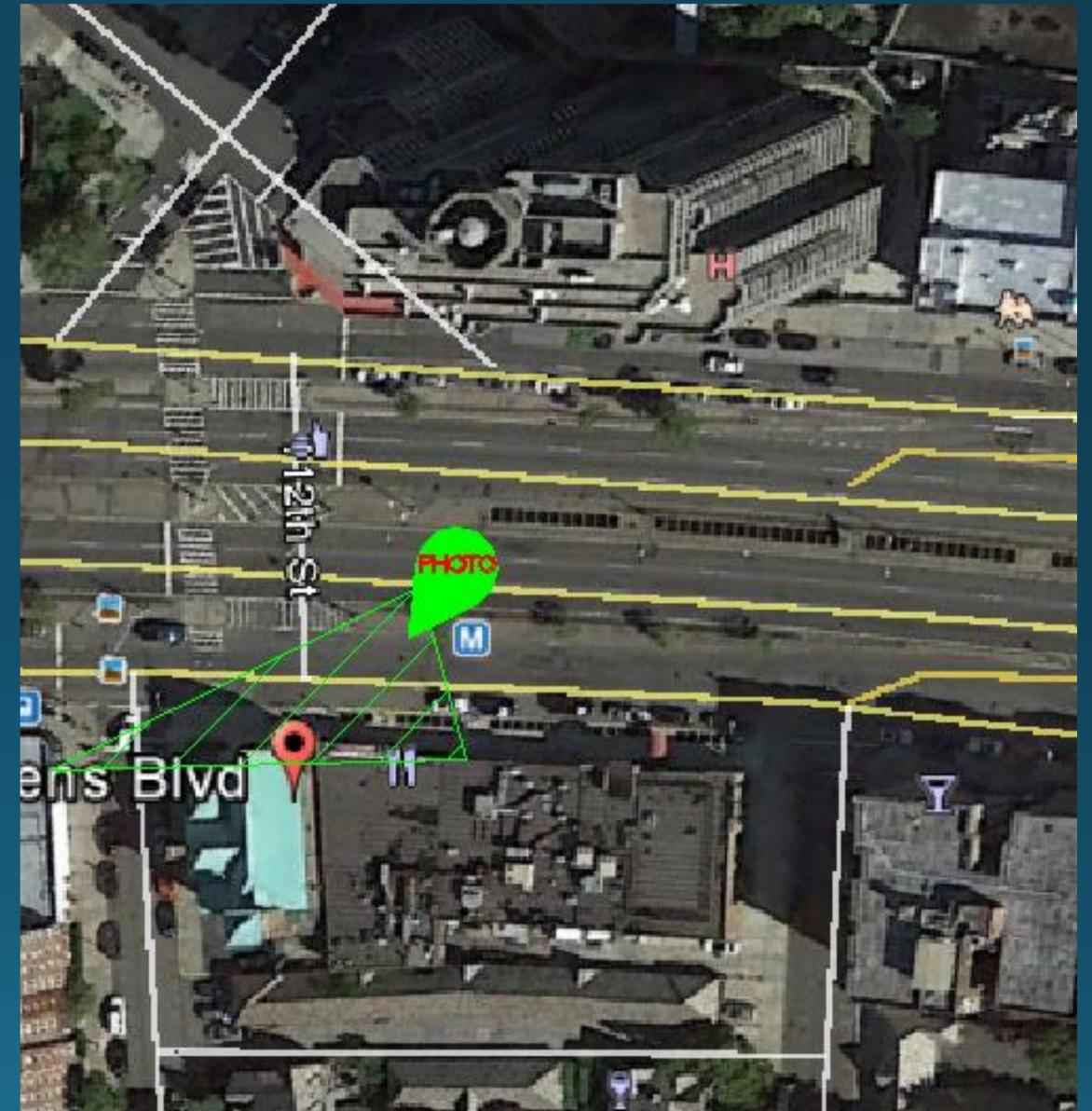
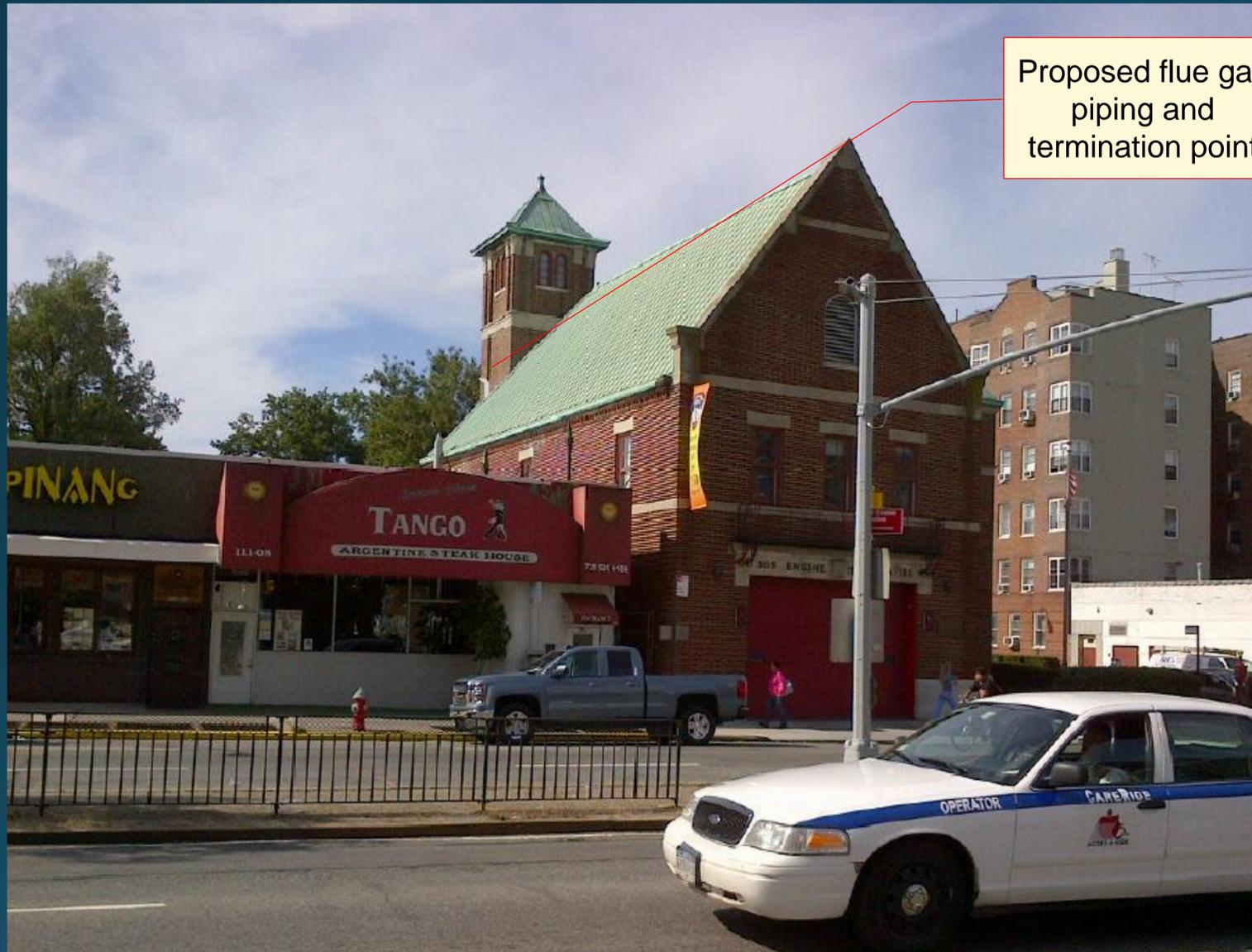


Proposed Generator Installation

FDNY Engine 305

111-02 Queens Boulevard, Queens

Proposed Post-Installation Views from Queens Boulevard



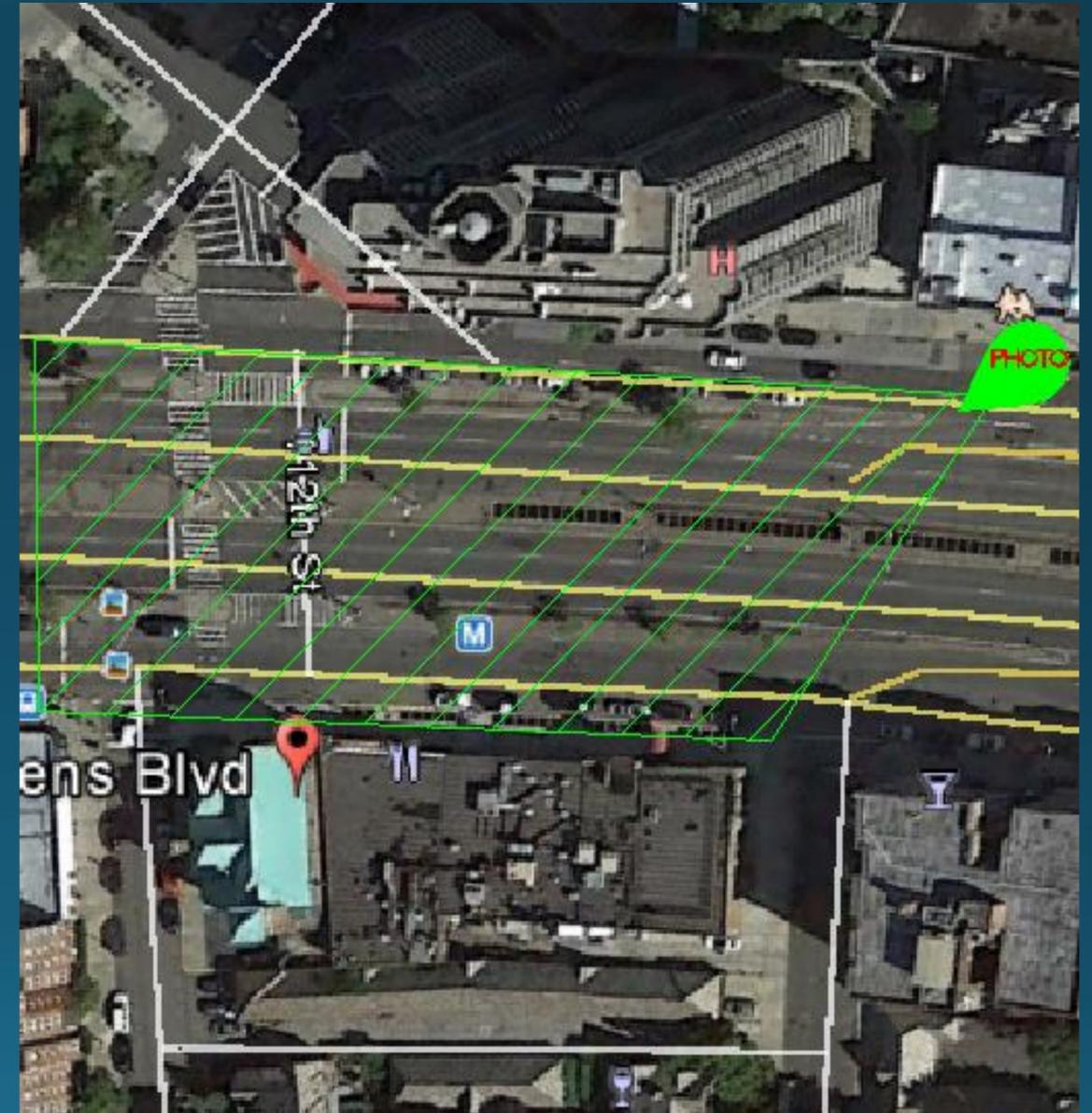


Proposed Generator Installation

FDNY Engine 305

111-02 Queens Boulevard, Queens

Proposed Post-Installation Views from Queens Boulevard



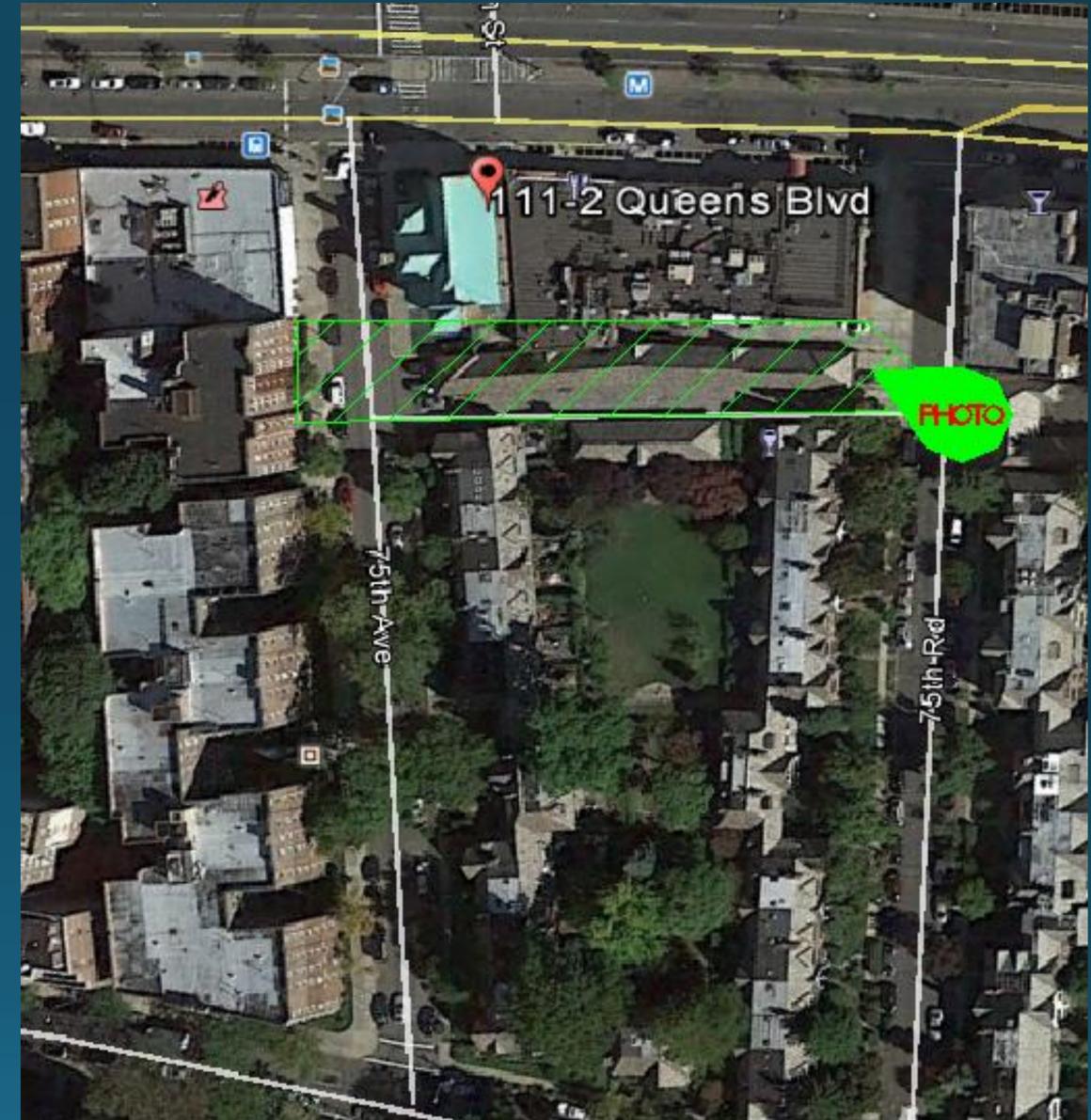


Proposed Generator Installation

FDNY Engine 305

111-02 Queens Boulevard, Queens

Proposed Post-Installation Views from 75th Road





Proposed Generator Installation

FDNY Engine 305

111-02 Queens Boulevard, Queens

Proposed Post-Installation Views from 75th Road

