

Installation of an A/C System in the Octagon
Room at Morris Jumel Mansion in
Roger Morris Park
Borough of Manhattan

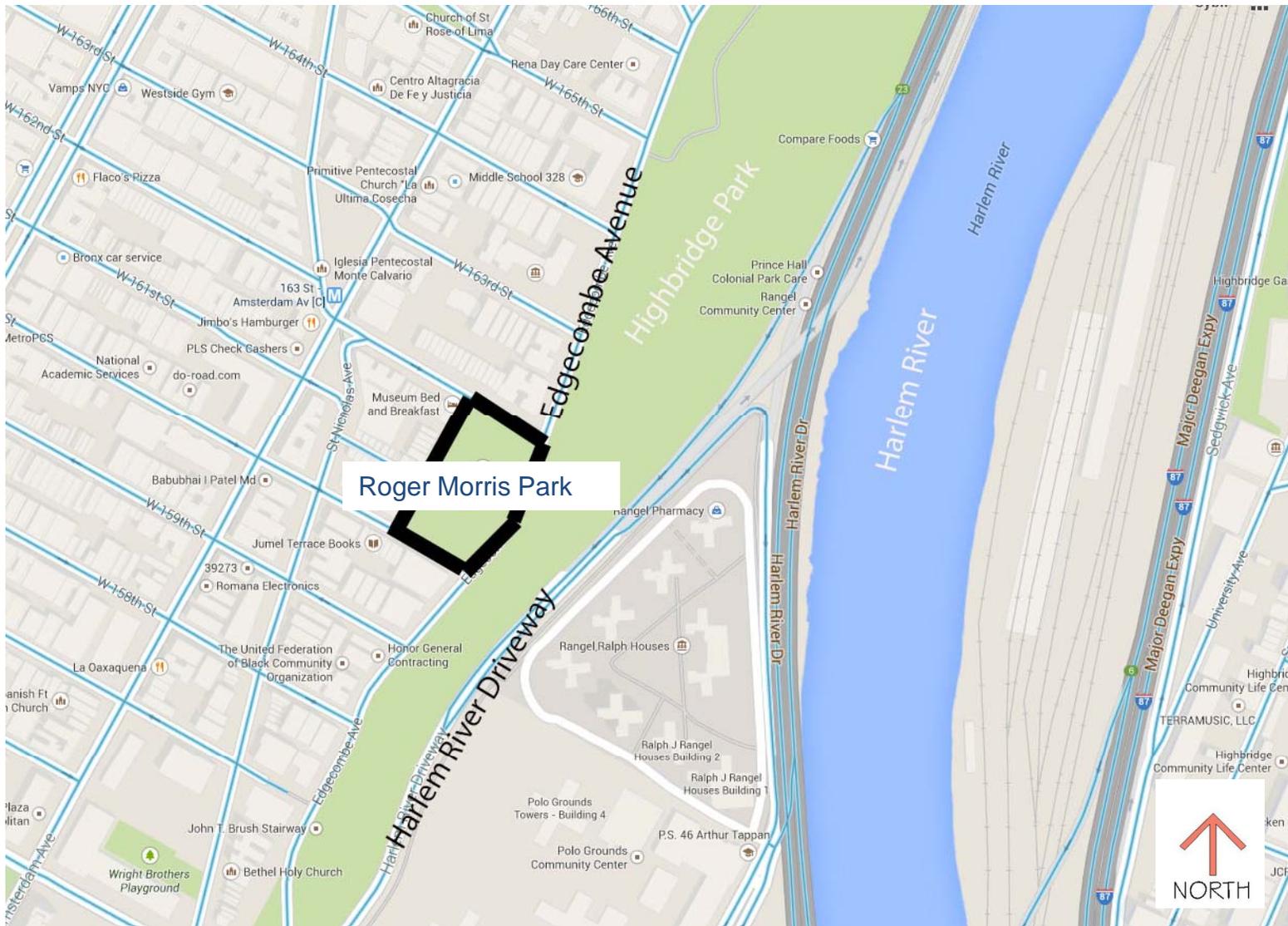
April 7, 2015
Parks Capital Design



**MORRIS JUMEL MANSION, OCTAGON ROOM
INSTALLATION OF AIR CONDITIONING SYSTEM**

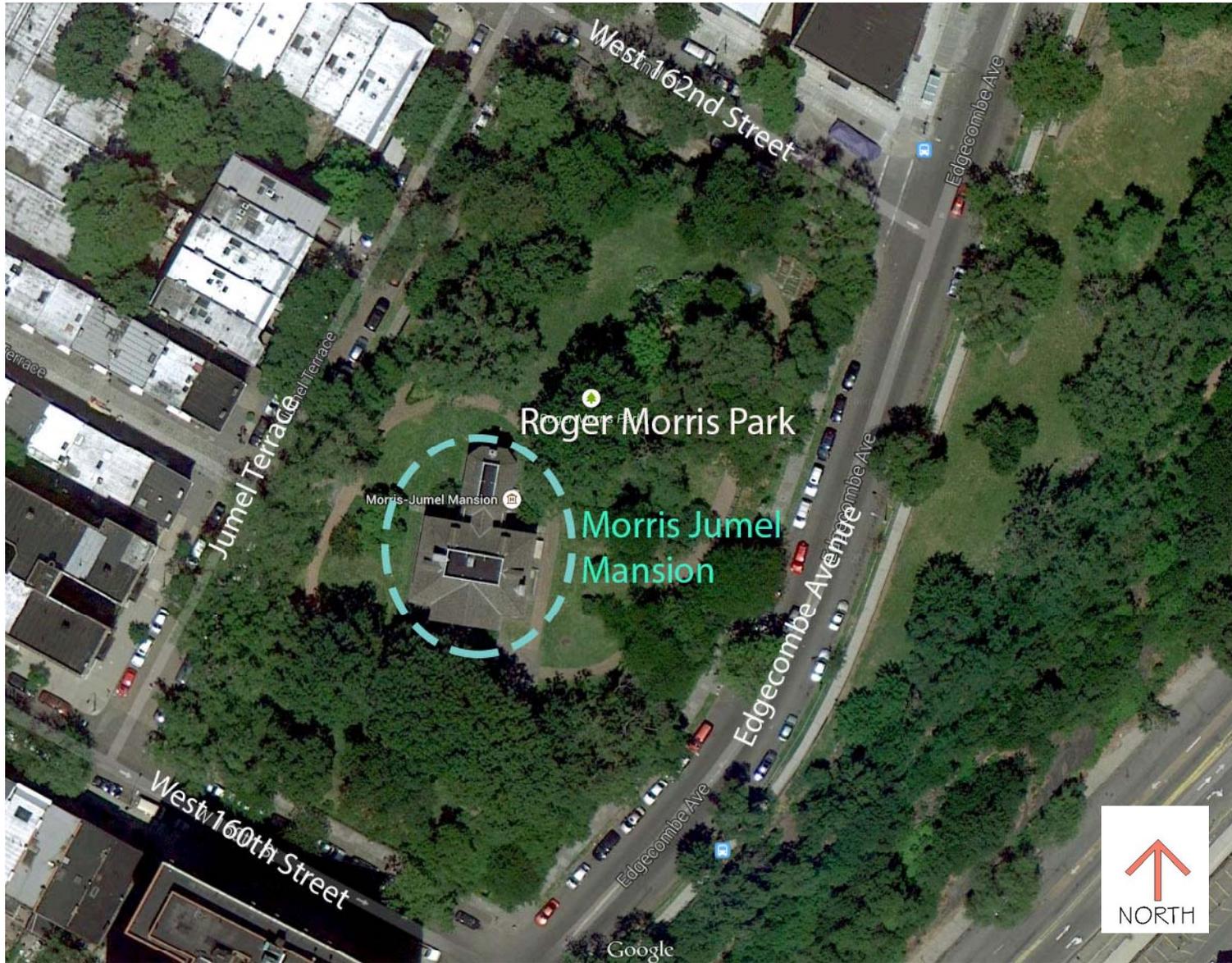


**MORRIS JUMEL MANSION, OCTAGON ROOM
INSTALLATION OF AIR CONDITIONING SYSTEM**



MORRIS JUMEL MANSION, OCTAGON ROOM INSTALLATION OF AIR CONDITIONING SYSTEM

Location



MORRIS JUMEL MANSION, OCTAGON ROOM INSTALLATION OF AIR CONDITIONING SYSTEM

Location



Morris Jumel Mansion, 1936

MORRIS JUMEL MANSION HISTORY

Located within Roger Morris Park, Manhattan's oldest surviving house, Morris-Jumel Mansion, is a monument to colonial grandeur. Built in 1765 as a summer retreat for British colonel Roger Morris and his American wife Mary Philipse, this house is the only survivor of a number of similar country houses built by wealthy New Yorkers. Morris, the nephew of a successful English architect, was greatly influenced by the designs of the 16th-century Italian architect Palladio.



MORRIS JUMEL MANSION, OCTAGON ROOM INSTALLATION OF AIR CONDITIONING SYSTEM



Octagon Room, 1886

MORRIS JUMEL MANSION HISTORY

This sophisticated residence includes a monumental portico and pediment, supported by grand Tuscan columns, and a large, two-story octagonal addition at the rear, one of the first of its kind in the country.



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MORRIS JUMEL MANSION
OCTAGON ROOM
EXISTING CONDITIONS



Octagon Room, 2014



MORRIS JUMEL MANSION, OCTAGON ROOM
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**MORRIS JUMEL MANSION
OCTAGON ROOM
EXISTING CONDITIONS**



Basement Below Octagon Room, 2014



**MORRIS JUMEL MANSION, OCTAGON ROOM
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View of Northwest Corner of House, 2014

MORRIS JUMEL MANSION PROPOSED WORK

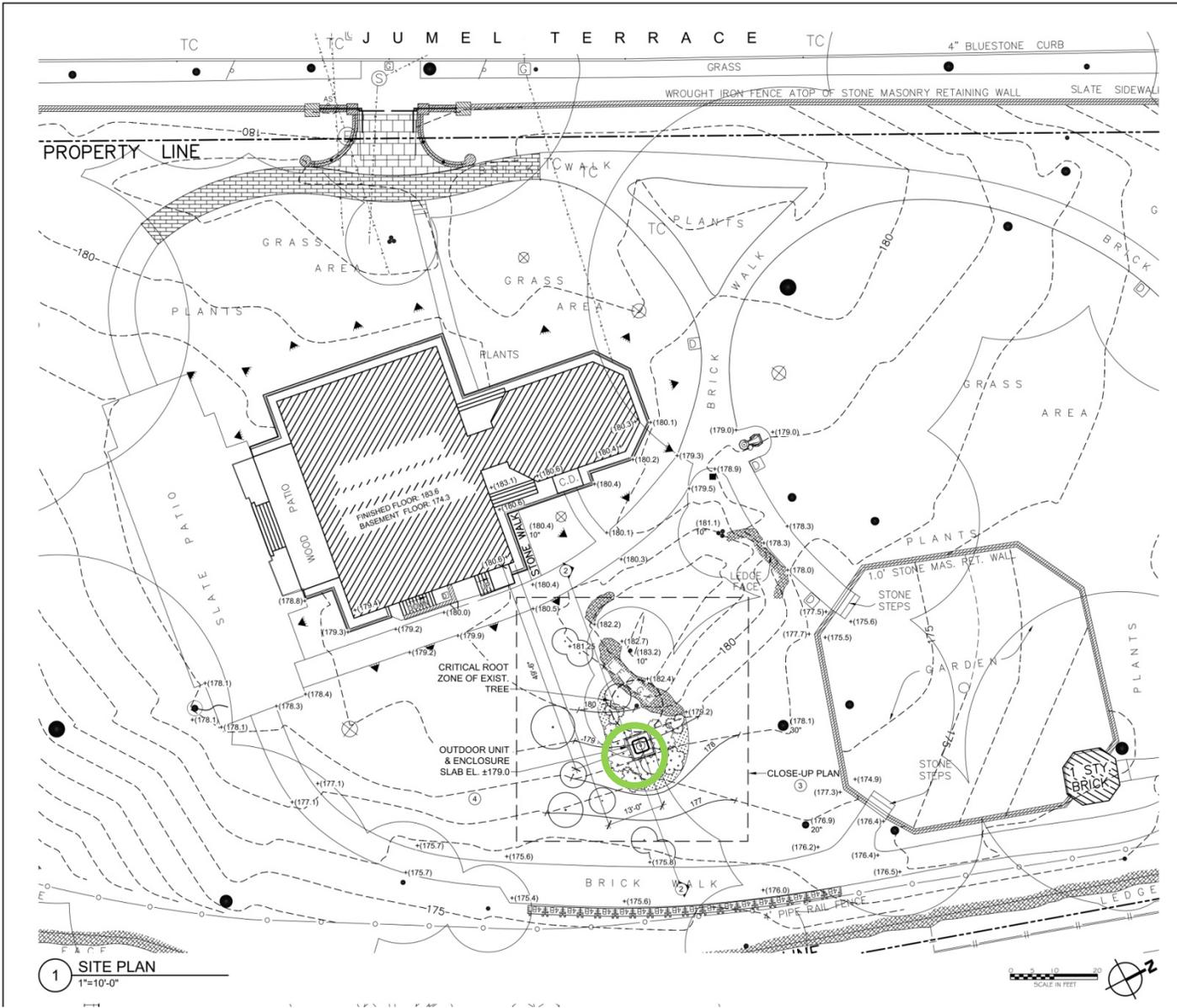
There is currently no cooling system in place for the Octagon Room. The design includes installation of an A/C system to the Octagon room. Duct Work will be located in the basement directly below the room. A condenser unit will be placed to the east of the house. One basement window will be changed to a louver window, and floor vents will be installed within the Octagon Room.



MORRIS JUMEL MANSION, OCTAGON ROOM INSTALLATION OF AIR CONDITIONING SYSTEM

MORRIS JUMEL MANSION PROPOSED WORK

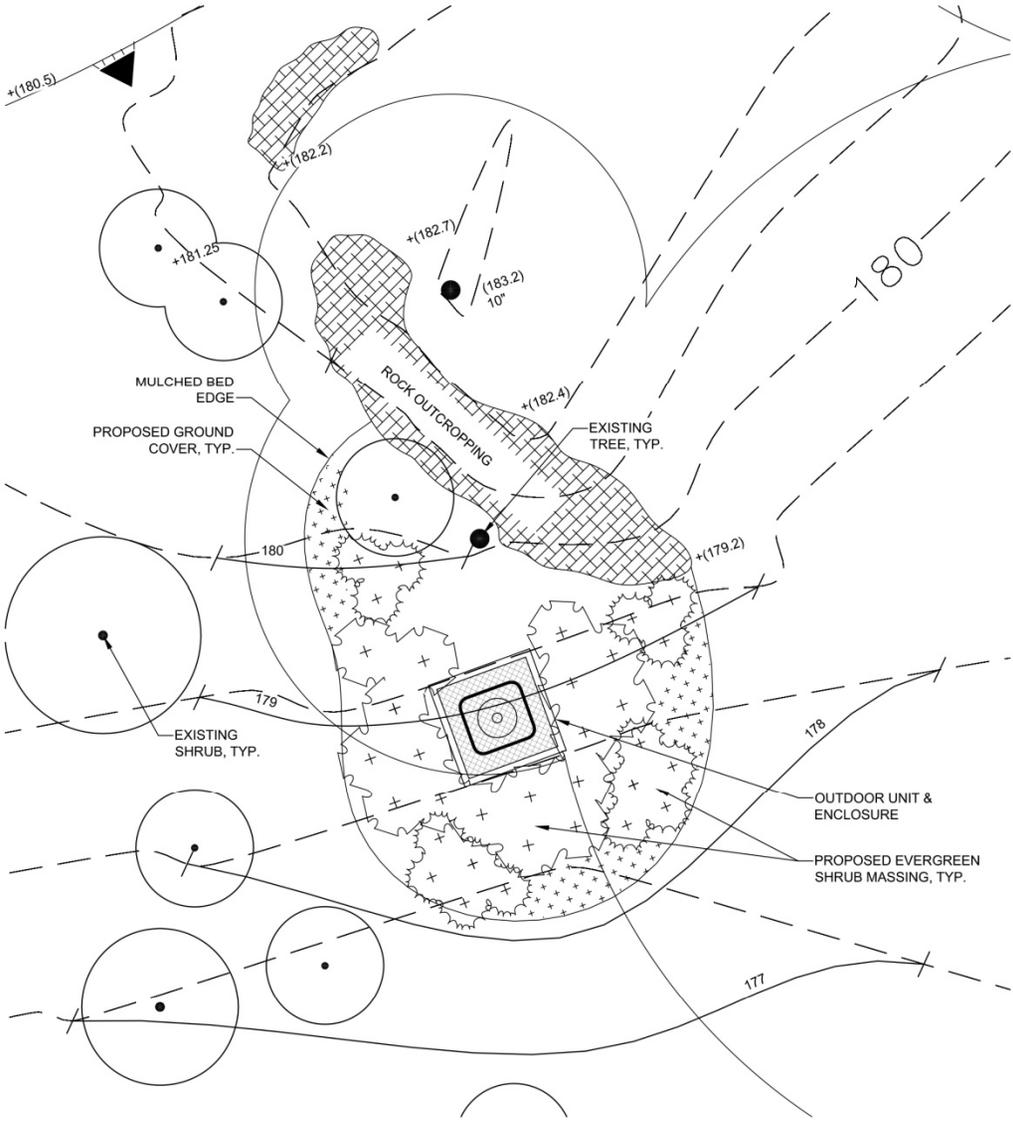
Location of new
condenser unit in
landscape.



MORRIS JUMEL MANSION, OCTAGON ROOM INSTALLATION OF AIR CONDITIONING SYSTEM

MORRIS JUMEL MANSION PROPOSED WORK

Location of new condenser unit in landscape.



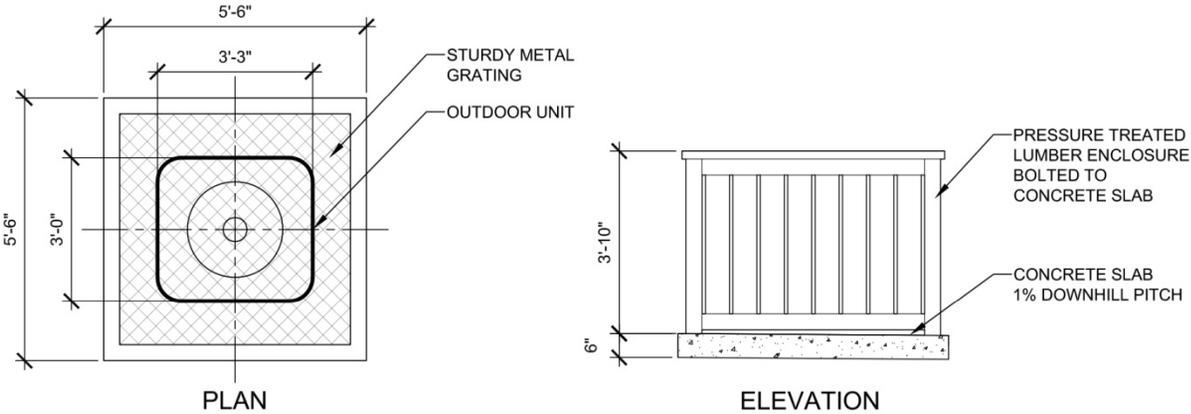
3 CLOSE-UP PLAN
1/4"=1'-0"



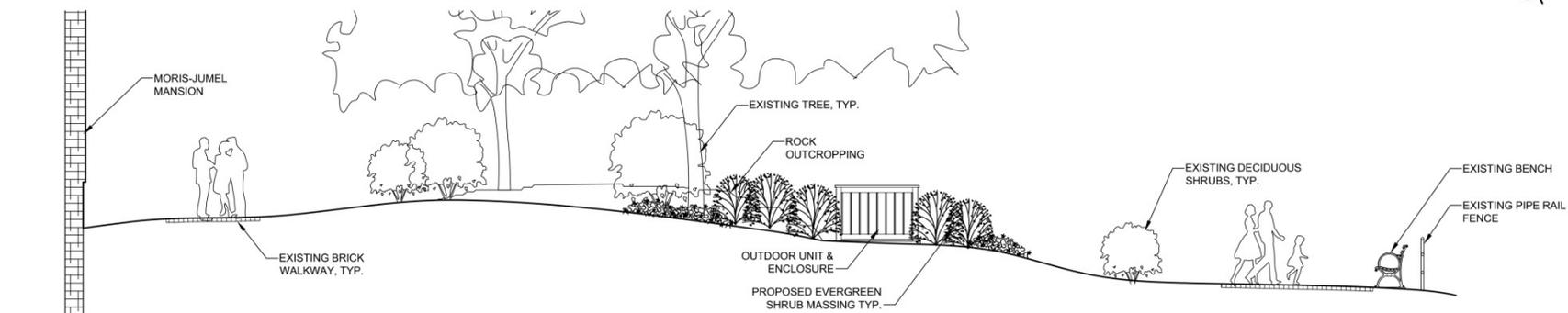
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**MORRIS JUMEL MANSION
PROPOSED WORK**

Location of new condenser unit in landscape. Enclosure is approximately 5'6" x 5'6" and 3'10" in height. Unit will be placed on a 6" concrete pad.



4 **OUTDOOR UNIT & ENCLOSURE**
1/2"=1'-0"



2 **ELEVATION**
1/4"=1'-0"



**MORRIS JUMEL MANSION, OCTAGON ROOM
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View from the south (front of house)



View from the east



Close up view from the south



View from the west

MORRIS JUMEL MANSION PROPOSED WORK

Approximate location of
condenser unit in the
landscape.

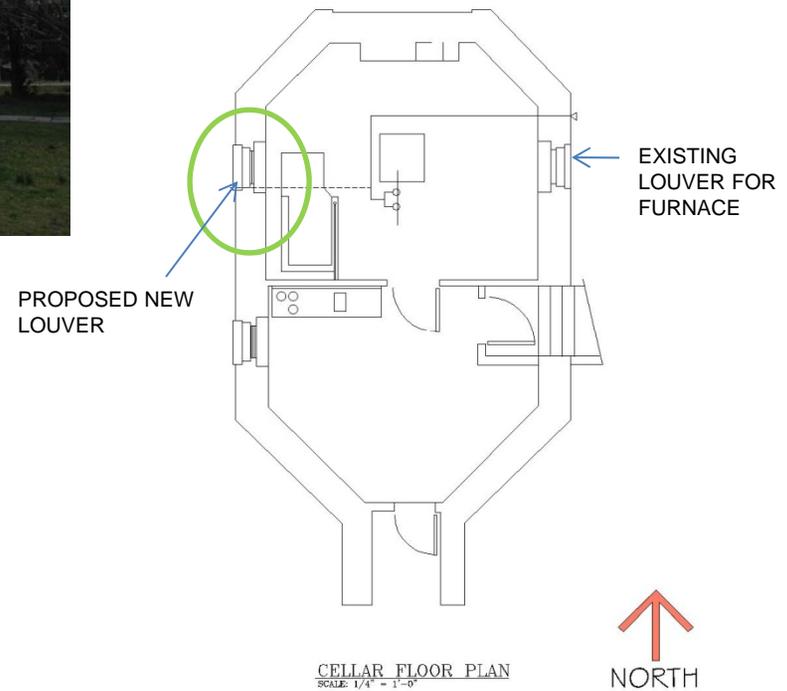


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MORRIS JUMEL MANSION EXISTING CONDITIONS & PROPOSED WORK

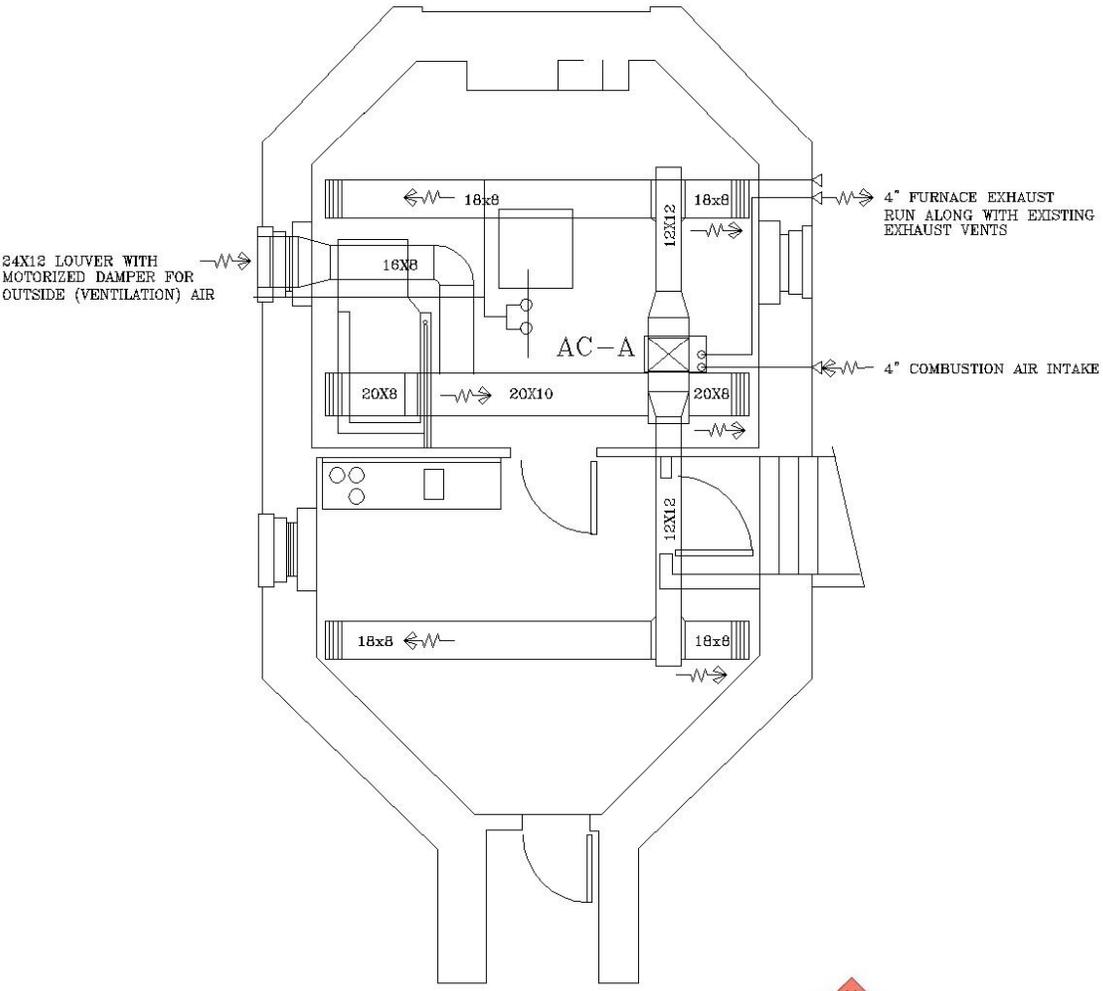
Window to be reconfigured
into louver.



MORRIS JUMEL MANSION, OCTAGON ROOM INSTALLATION OF AIR CONDITIONING SYSTEM

**MORRIS JUMEL MANSION
CONSTRUCTION DRAWINGS**

Basement Plan
Duct work to be installed in
basement below Octagon Room.



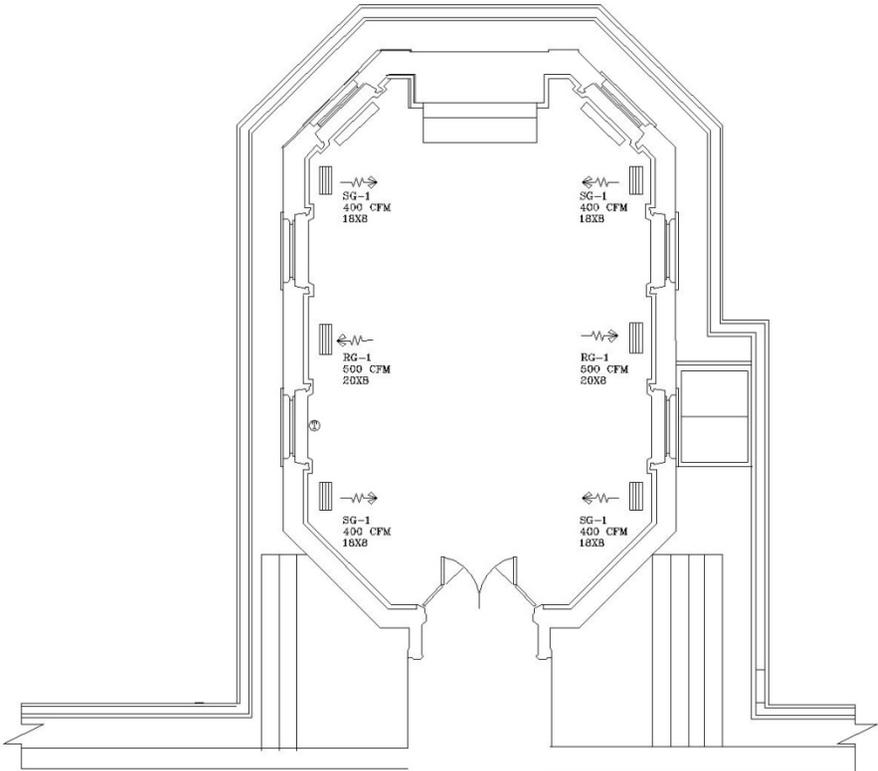
CELLAR FLOOR PLAN
SCALE: 1/4" = 1'-0"



**MORRIS JUMEL MANSION, OCTAGON ROOM
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**MORRIS JUMEL MANSION
CONSTRUCTION DRAWINGS**

First Floor Plan

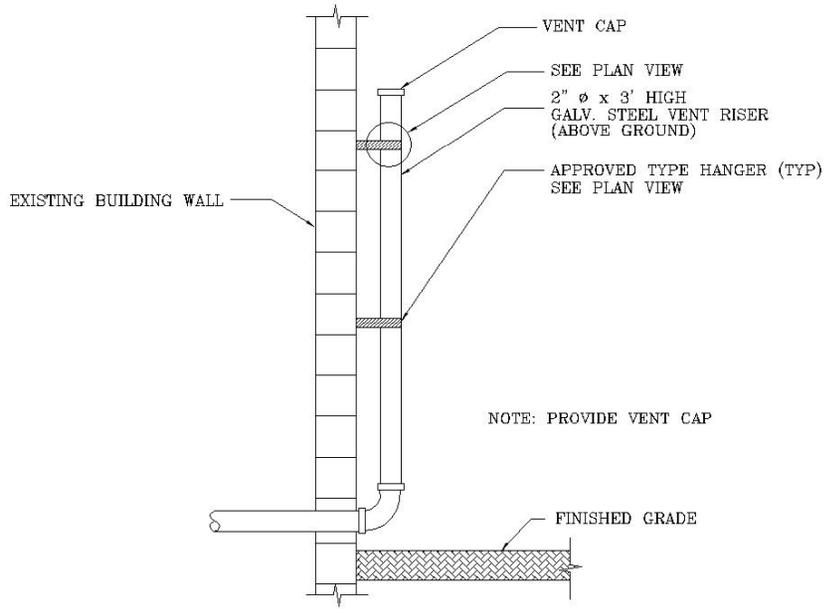


FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"



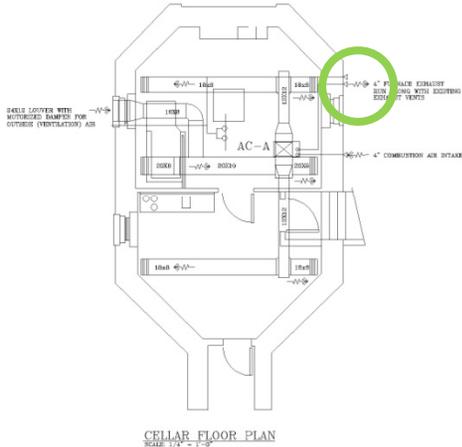
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MORRIS JUMEL MANSION CONSTRUCTION DRAWINGS

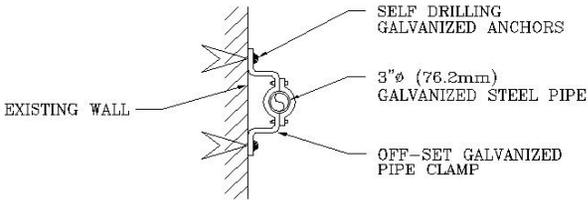


NOTE: PROVIDE VENT CAP

VENT RISER DETAIL
NTS



CELLAR FLOOR PLAN
SCALE 1/4" = 1'-0"



PLAN VIEW PIPE WALL HANGER
NTS



MORRIS JUMEL MANSION, OCTAGON ROOM INSTALLATION OF AIR CONDITIONING SYSTEM

**MORRIS JUMEL MANSION
EQUIPMENT, MATERIALS,
AND FINISHES**



Performance Series Air
Conditioner by Carrier



Floor vent, flush mounted, and
stained to match existing floor finish



Enclosure for Condenser Unit, treated, unfinished wood, design to mimic existing porch lattice



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