

# West Building Exterior Repairs

700 Constitution Avenue, NW, Washington DC

Approval of Preliminary and Final Site and Building Plans

National Gallery of Art

# Project Summary

**Commission Meeting Date:** November 4, 2021

**NCPC Review Authority:** 40 U.S.C. § 8722(b)(1) and (d)

**Applicant Request:** Approval of Preliminary and Final Site and Building Plans

**Session:** Consent Calendar

**NCPC Review Officer:** Lee Webb

**NCPC File Number:** 8325

## Project Summary:

The National Gallery of Art has submitted an application for preliminary and final reviews of site and building plans for the West Building. The West Building is located at 700 Constitution Avenue, NW, in downtown Washington, D.C., and is located on the north side of the National Mall. The work proposed is mostly repair work to exterior features and will include four components: re-roof the non-skylight portion of the West Building roof, repair exterior West Building masonry in specific areas where needed, replace interior and exterior vestibule doors at the Mall entrance to the West Building, and remove the existing construction fencing on the southwest corner of the West Building and rehabilitate the grounds in this location. The proposed work will meet the Secretary of the Interior's Standards for Treatment of Historic Properties.

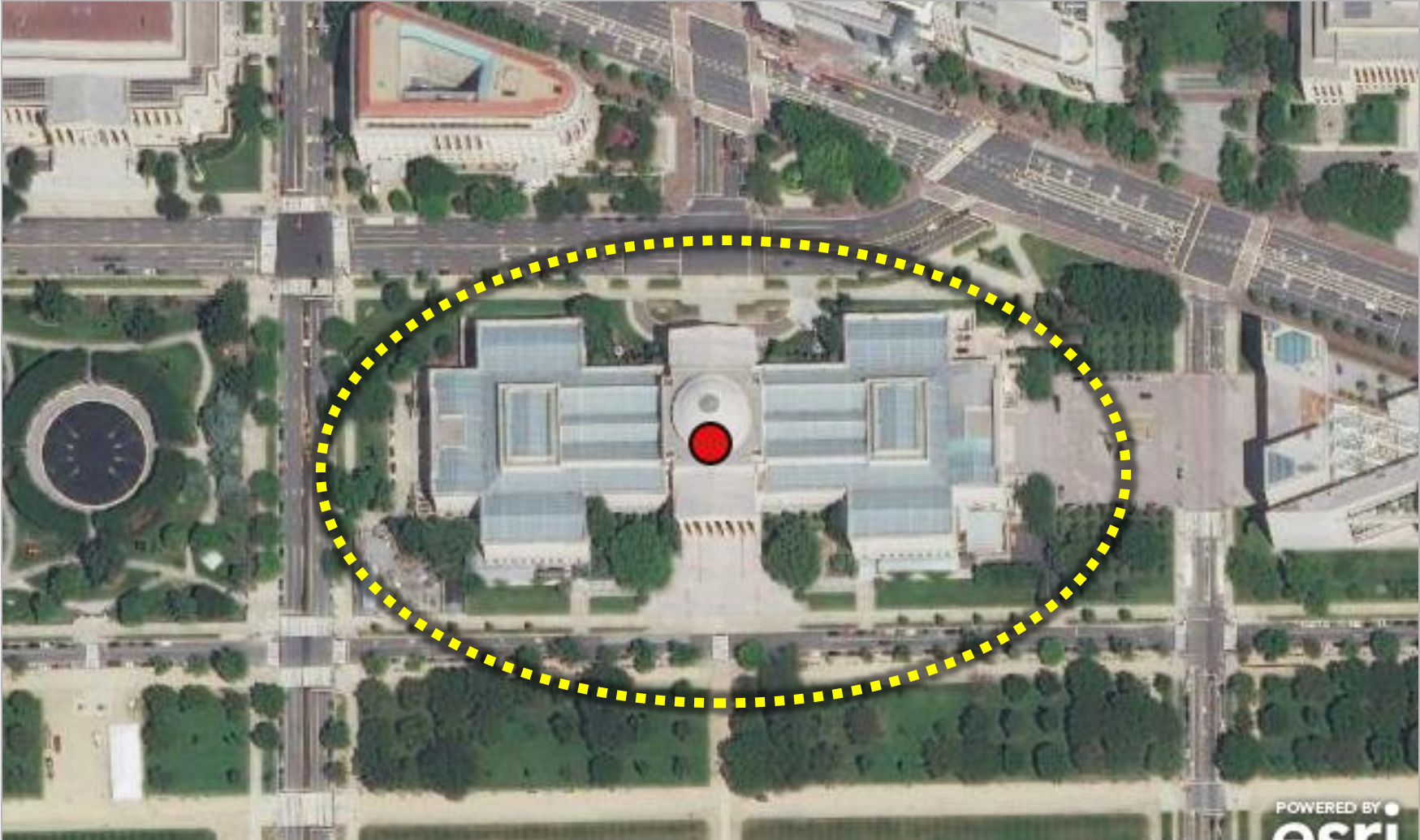
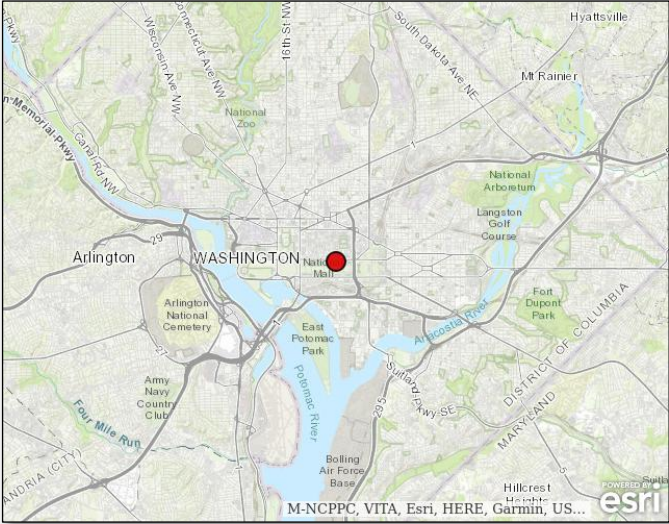
The roof work will consist of membrane roof replacement between skylight; limited metal roof replacement; drainage system replacement, including sheet metal gutters, parapet downspouts; masonry parapet restoration; and new façade access system.

The exterior masonry repairs include stone repairs, masonry cleaning, masonry repointing, stone replacement, and additional investigation.

The vestibule door replacement will also address needed security improvements, and will include door, door hardware, transom, and frame replacement.

The southwest lawn restoration includes removal of all temporary structures, removal of layers of compacted gravel and soil, and installation of new sod and irrigation system.

# Site Location

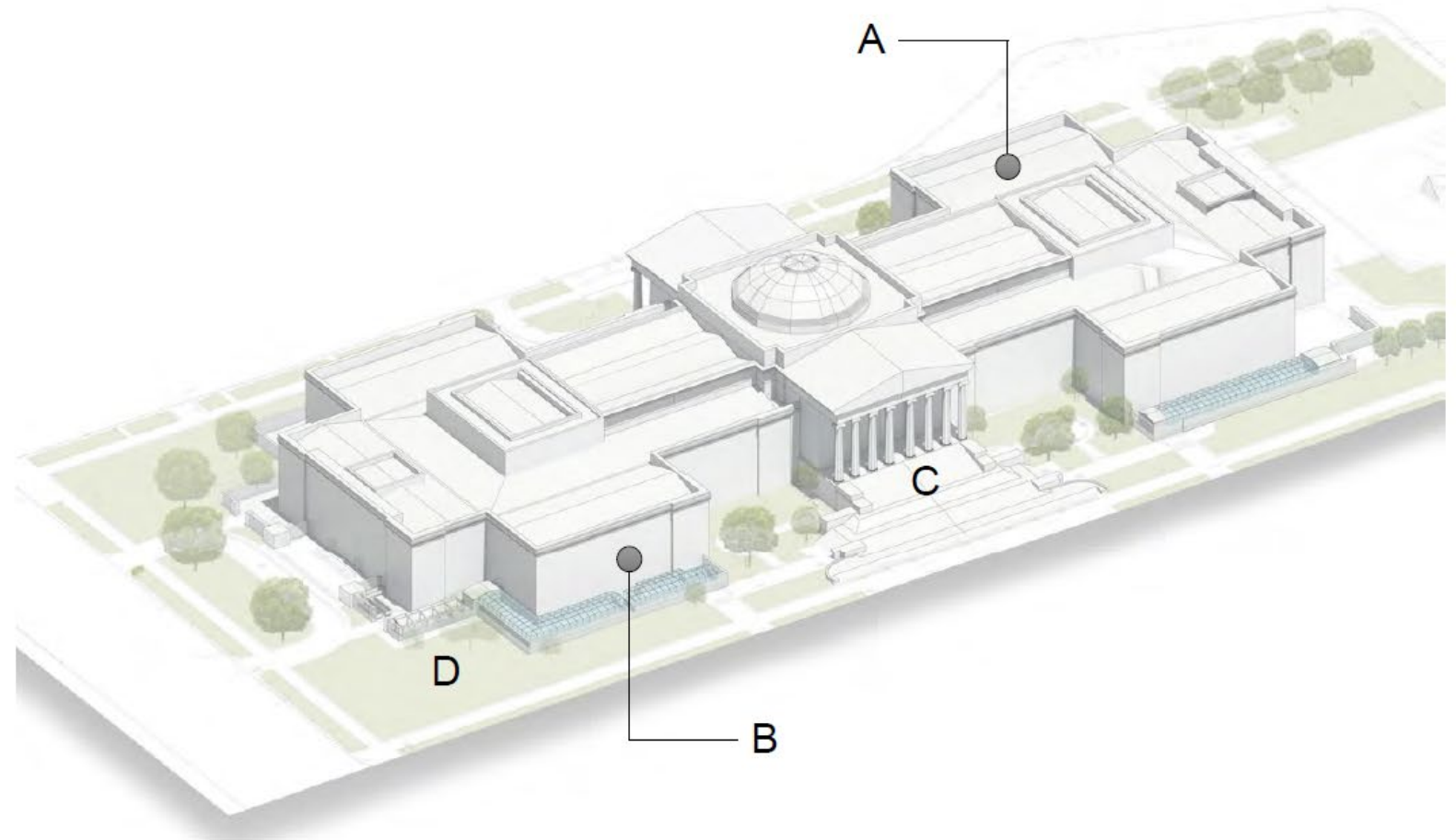


Location Map

# National Gallery of Art West Building Exterior Repairs

## West Building exterior repairs

- A. ROOF LEVEL WORK
- B. STONE FAÇADE RESTORATION
- C. MALL DOORS REPLACEMENT
- D. SOUTHWEST LAWN RESTORATION



# West Building Roof Level Work

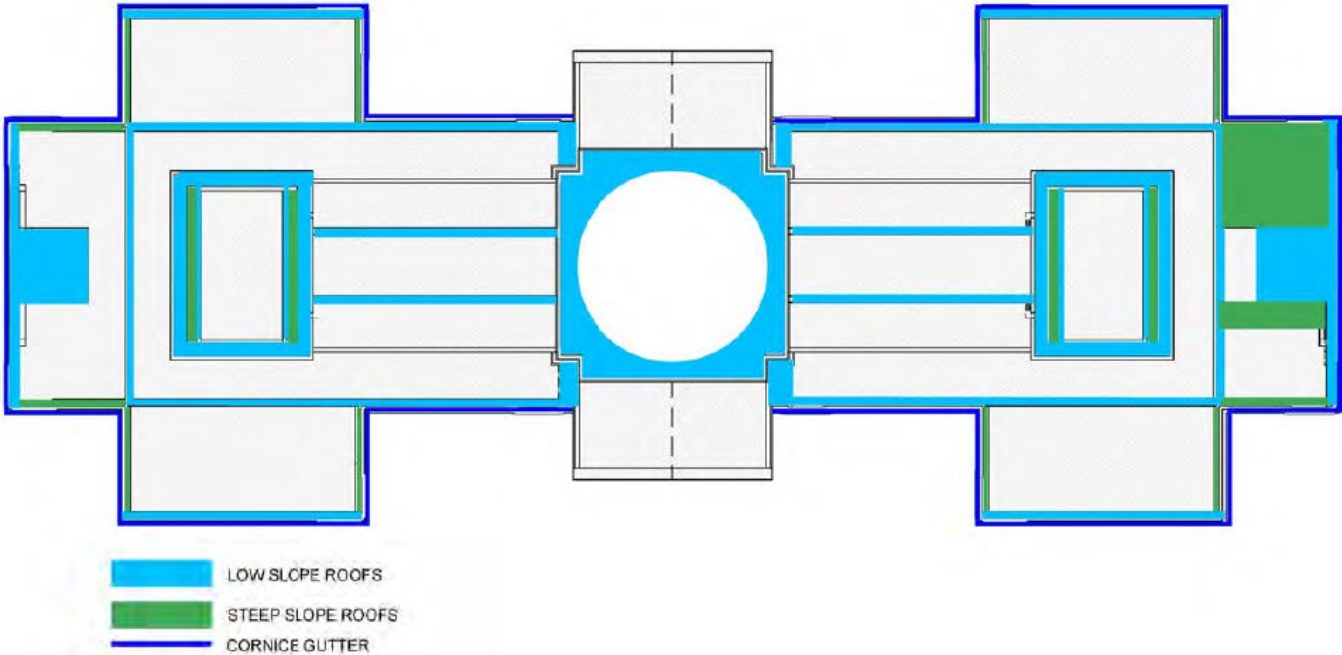
## A: ROOF LEVEL WORK

- MEMBRANE ROOF REPLACEMENT BETWEEN SKYLIGHTS
- LIMITED METAL ROOF REPLACEMENT
- DRAINAGE SYSTEM REPLACEMENT, INCLUDING SHEET METAL GUTTERS, PARAPET DOWNSPOUTS, AND ROOF DRAINS
- MASONRY PARAPET RESTORATION
- NEW FAÇADE ACCESS SYSTEM



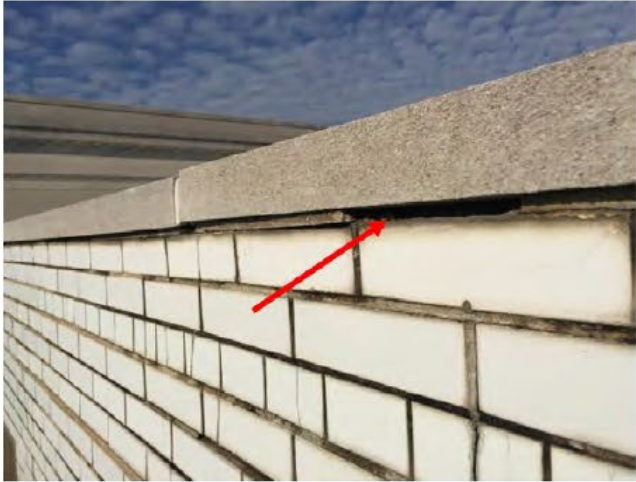
# West Building Roof Level Work

## A: ROOF LEVEL WORK



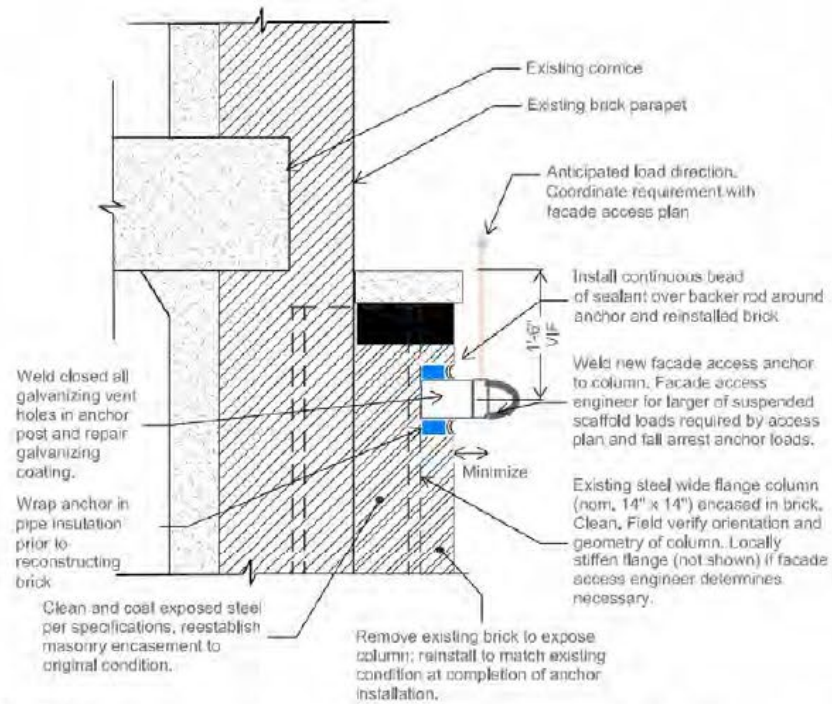
# Photographs of Existing Roof Conditions

## A: ROOF LEVEL WORK



# Roof Level Work Details

## A: ROOF LEVEL WORK

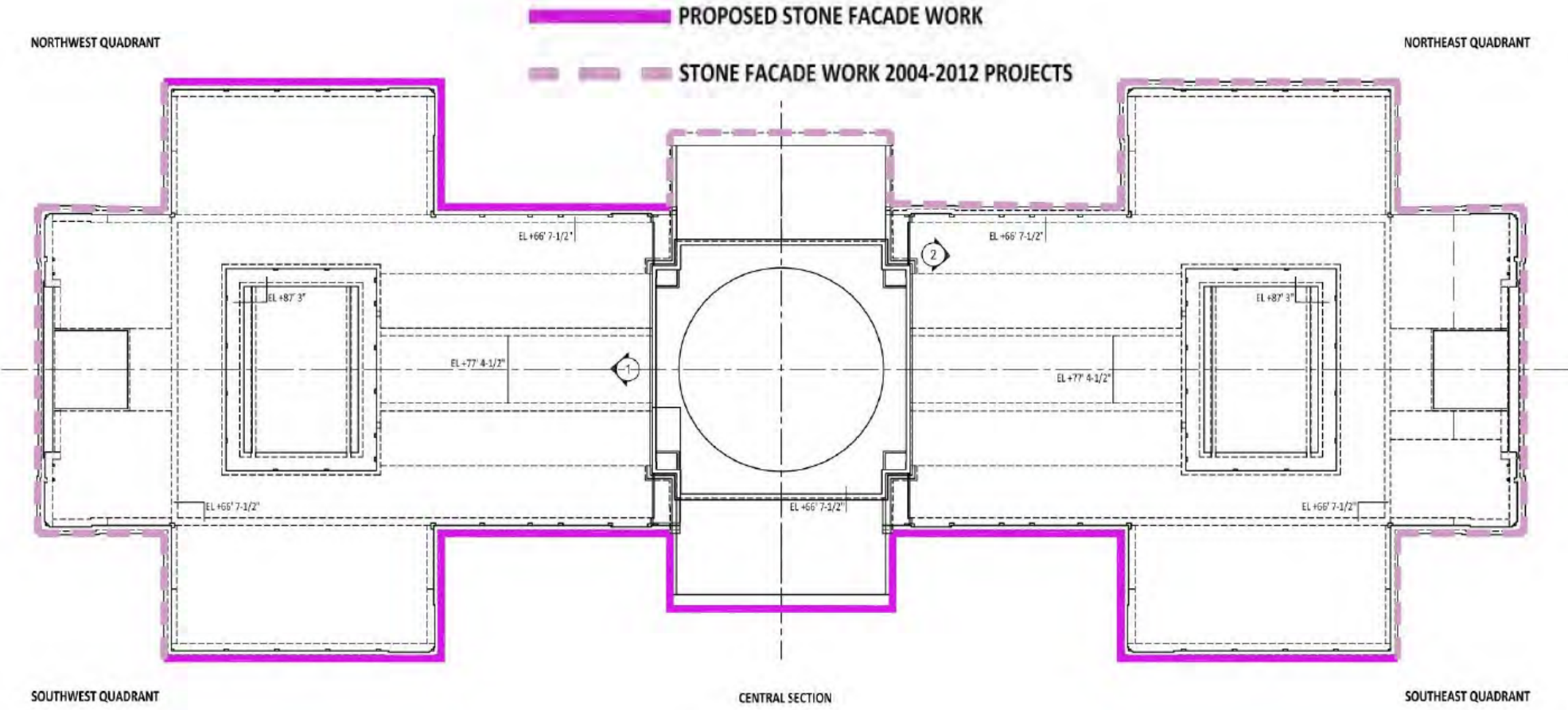


1 Type T1-Typical Facade Access Anchor at Column  
G106 Not for Construction. Sketch intended to communicate anchor concept and flashing details; facade access engineer to design anchor for project requirements and existing conditions. Coordinate with details in WBER-1 for new copper cladding at the masonry piers. N.T.S.



# West Building Stone Façade Restoration

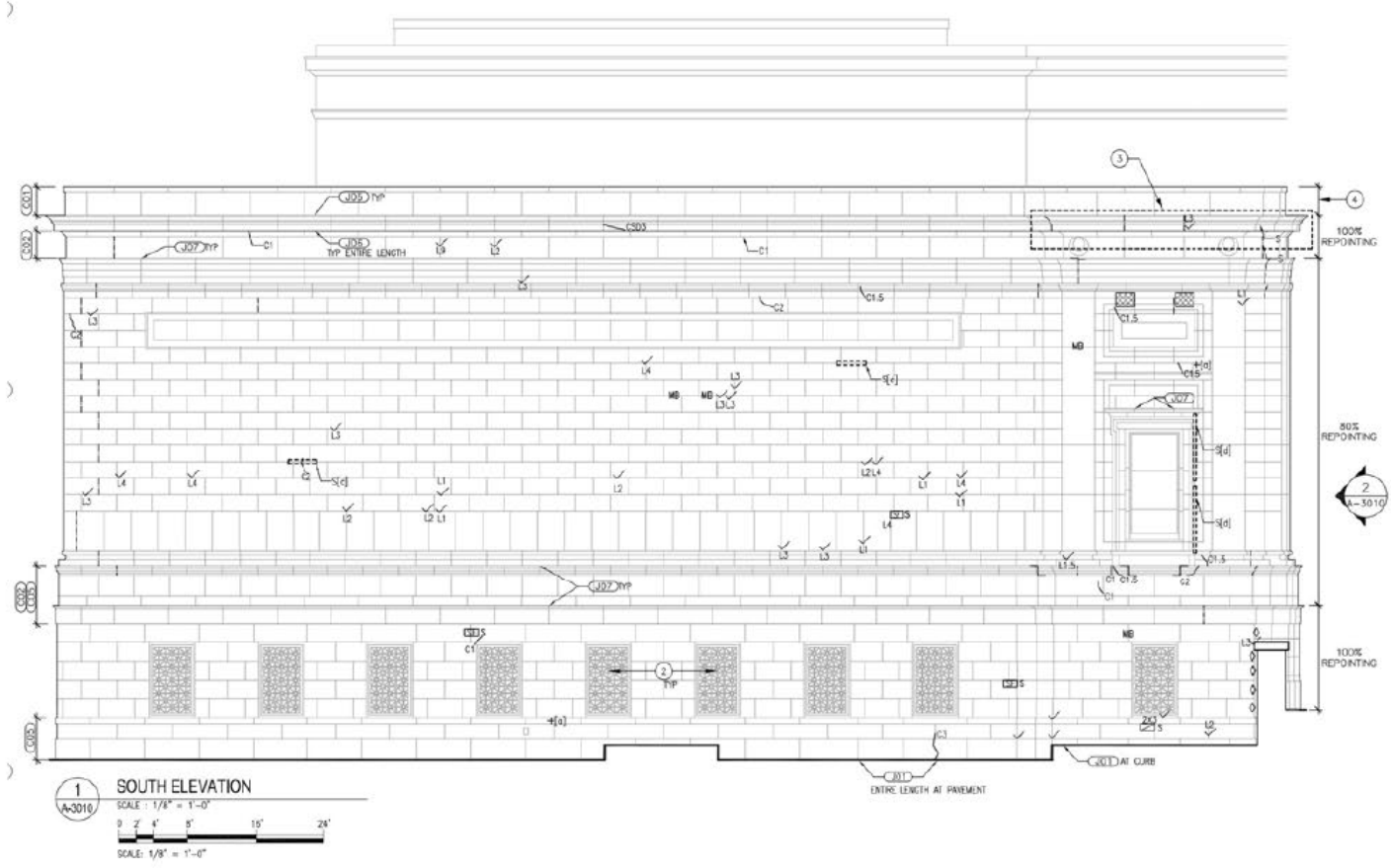
## B: STONE FAÇADE RESTORATION



# West Building Stone Façade Restoration

## B: STONE FAÇADE RESTORATION

- STONE REPAIRS
- MASONRY CLEANING
- MASONRY REPOINTING
- STONE REPLACEMENT
- ADDITIONAL INVESTIGATION



# Photographs of Existing Exterior Masonry Conditions

## B: STONE FAÇADE RESTORATION



# West Building Mall Door Replacement

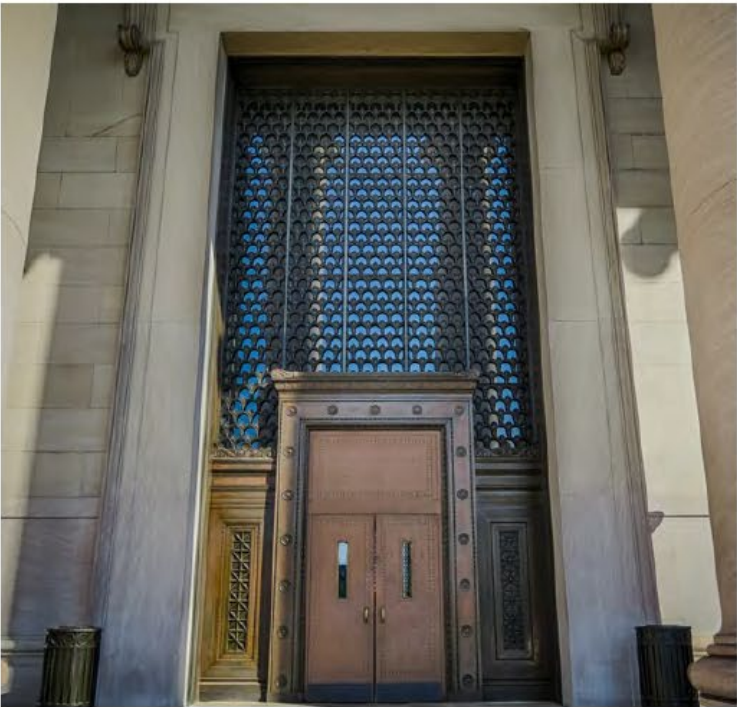
## C. MALL DOORS REPLACEMENT

- DOOR, DOOR HARDWARE, TRANSOM, AND FRAME REPLACEMENT
- SECURITY IMPROVEMENTS
- PROJECT GOALS:
  - RESTORE AESTHETIC
  - IMPROVE FUNCTION AND ACCESSIBILITY
  - IMPROVE SECURITY
  - IMPROVE PEST CONTROL AND ENVIRONMENTAL CONDITIONS



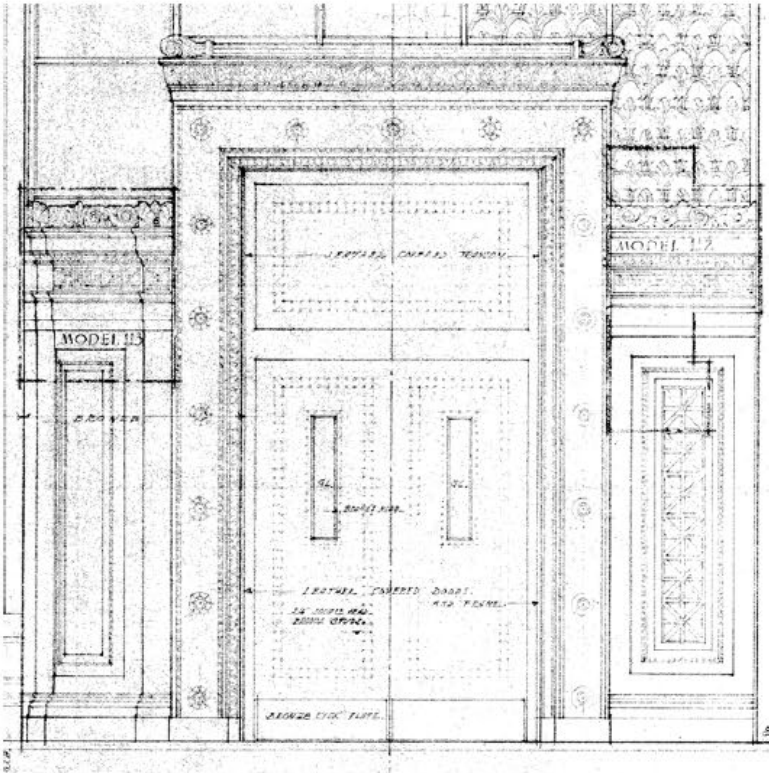
# Photographs of Existing Mall Doors Condition

## C: MALL DOORS REPLACEMENT



# West Building Mall Doors Replacement Details

## C: MALL DOORS REPLACEMENT



ORIGINAL DRAWING



EXISTING



PROPOSED

# West Building Mall Doors Historic Photographs of Doors

## C: MALL DOORS REPLACEMENT



ORIGINAL DOORS AT 7<sup>TH</sup> STREET ENTRANCE



# West Building Southwest Lawn Restoration

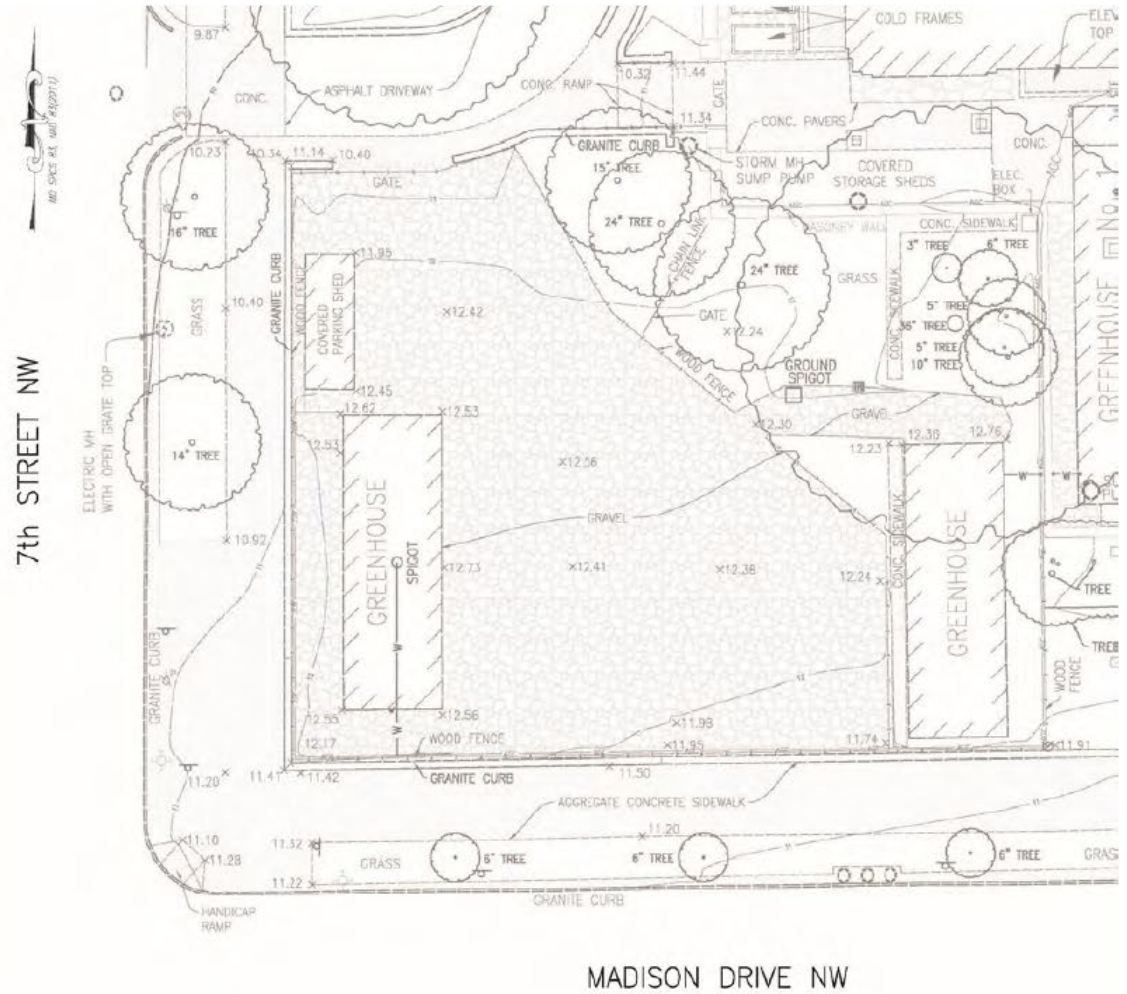
## D. SOUTHWEST LAWN RESTORATION

- REMOVAL OF ALL TEMPORARY STRUCTURES
- REMOVAL OF LAYERS OF GRAVEL AND COMPACTED SOIL
- INSTALLATION OF NEW SOD
- INSTALLATION OF NEW IRRIGATION SYSTEM



# West Building Southwest Lawn Site Plan

## D. SOUTHWEST LAWN RESTORATION



# West Building Southwest Lawn Restoration Renderings

## D: SOUTHWEST LAWN RESTORATION



EXISTING



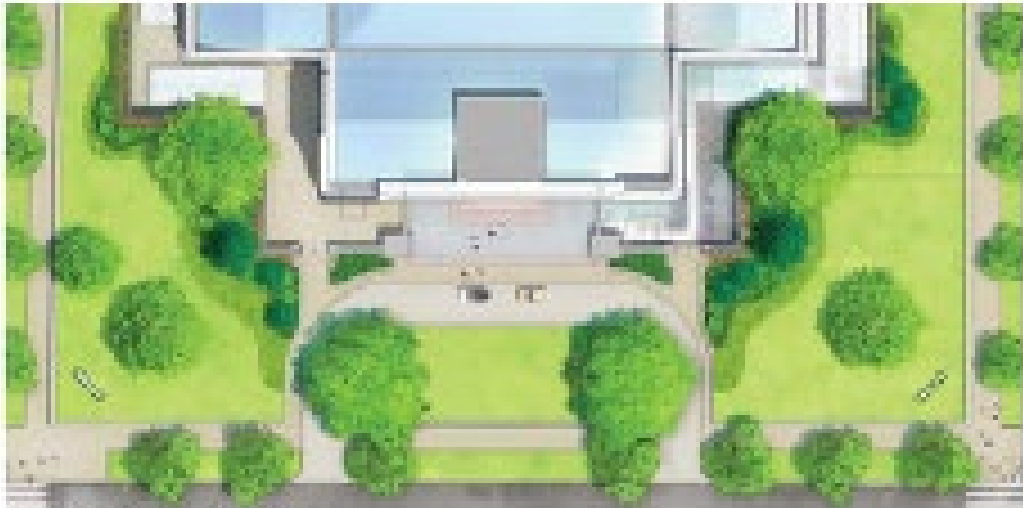
RESTORED

# West Building Southwest Lawn Restoration Site Plans

## D: SOUTHWEST LAWN RESTORATION



ORIGINAL 7<sup>TH</sup> STREET PLAN, 1906



PROPOSED 7<sup>TH</sup> STREET PLAN

# Staff Recommendations to Executive Director

## **The Commission:**

Approves the preliminary site and building plans for exterior repairs to the National Gallery of Art's West Building.

