



# Office of General Services

DESIGN & CONSTRUCTION GROUP  
THE GOVERNOR NELSON A. ROCKEFELLER  
EMPIRE STATE PLAZA  
ALBANY, NY 12242

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## ADDENDUM NO. 4 TO PROJECT NO. 47390

CONSTRUCTION WORK  
REPAIR RETAINING WALLS  
STATE OFFICE BUILDING CAMPUS  
1220 WASHINGTON AVENUE  
ALBANY, NEW YORK 12226-1800

November 14, 2025

|                                                                                                                                                                                        |
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| <p><b>NOTE:</b> This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.</p> |
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### SPECIFICATIONS

1. SECTION 028213 ASBESTOS ABATEMENT: Discard the Section bound in the Project Manual and substitute the accompanying Section (pages 028213 – 1 thru 028213 – 9) noted “Addendum No. 4”

### DRAWINGS

2. Revised Drawing:
  - a. Drawing No. H-101, noted “ADDENDUM DRAWING 11-13-25” accompanies this Addendum and supersedes the same numbered originally issued drawing.

### END OF ADDENDUM

Brady Sherlock, P.E.  
Director, Division of Design  
Design & Construction

## SECTION 028213 - ASBESTOS ABATEMENT

## PART 1 - GENERAL

## 1.1 SUMMARY

- A. This Section specifies the procedures for disturbance and removal of existing asbestos-containing materials (ACM) and disposal of removed materials associated with this project. The results of the testing for ACM are listed in the Pre-Renovation Hazardous Materials Survey Report bound in the Appendix. Also see Document 003126.
  - 1. The sample analytical reports were compiled by an ELAP certified laboratory.
  - 2. In order to determine asbestos content, samples were analyzed by polarized light microscopy (PLM) and/or transmission electron microscopy (TEM).
  - 3. The report is intended for State Design and estimate purposes only, and is included to provide bidders with the same information available to the State.
  - 4. The Bulk Samples are representative of like materials in the Work area. All ACM may not have been sampled.
- B. Type of Asbestos Abatement Project:
  - 1. Small Asbestos Abatement Project: An asbestos project involving the removal, disturbance, repair or handling of more than 10 square feet or 25 linear feet but less than 160 square feet or 260 linear feet of ACM.

## 1.2 RELATED WORK SPECIFIED ELSEWHERE

- A. Existing Hazardous Material Information: Document 003126.
- B. Summary of the Work: Section 011000.
- C. Removals, Cutting, and Patching: Section 017329..
- D. Abatement of PCB Containing Caulk Sealant Materials: Section 028433.

## 1.3 REFERENCES

- A. New York State Department of Environmental Conservation (DEC) 6NYCRR:
  - 1. Part 360 Solid Waste Management Facilities.
  - 2. Part 364 Waste Transporter Permits.
  - 3. Part 370 Hazardous Waste Management System-General.
  - 4. Part 371 Identification and Listing of Hazardous Wastes.
  - 5. Part 372 Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities.
  - 6. Part 373 Hazardous Waste Management Facilities.

- B. Occupational Safety and Health Administration (OSHA): Asbestos Regulations (29 CFR Part 1926.1101).
- C. U.S. Environmental Protection Agency (USEPA):
  - 1. National Emission Standards for Hazardous Air Pollutants; Asbestos NESHAP Revision; Final Rule.
  - 2. Asbestos Emergency Response Act (AHERA) (40 CFR Part 763, Subpart E).
- D. New York State Department of Labor (DOL): Industrial Code Rule 56.

#### 1.4 DEFINITIONS

- A. Authorized Personnel: Facility or the Director's Representative, and all other personnel who are authorized officials of any regulating agency, be it State, Local, Federal or Private entity who possess legal authority for enforcement or inspection of the work.
- B. Clearance Criteria: Shall be determined and established by a Certified Asbestos Project Monitor with an independent testing lab employed by the Director's Representative, conforming to all standards set forth by all authorities having jurisdiction, mentioned in the references, and issue the certification of cleaning.
- C. Site Specific Variance: Relief in accordance with section 30 of the Labor Law from specific sections of Industrial Code Rule 56 for a specific project.
- D. Phase I & II: Asbestos Project phases as defined and subcategorized in ICR 56-2.

#### 1.5 ABBREVIATIONS

- A. ASTM: American Society for Testing and Materials  
1916 Race Street  
Philadelphia, PA 19103
- B. CFR: Code of Federal Regulations  
Government Printing Office  
Washington, DC 20402
- C. DOL: New York State Department of Labor  
Harriman State Office Building Campus  
Albany, NY 12240
- D. NIOSH: National Institute for Occupational Safety and Health  
Building J.N.E. Room 3007  
Atlanta, GA 30333
- E. OSHA: Occupational Safety and Health Administration  
200 Constitution Avenue  
Washington, DC 20210
- F. USEPA: United States Environmental Protection Agency

401 M Street SW  
Washington, DC 20460

#### 1.6 ASBESTOS SITE SPECIFIC VARIANCE

- A. If a site specific variance is sought, the application must be submitted by the contractor's NYS DOL Certified Asbestos Project Designer with 14 days after the Contract Agreement is approved by the Comptroller. Forward the required forms to the Department of Labor for their action.

#### 1.7 SUBMITTALS

- A. Product Data: Catalog sheets, specifications and installation instructions for each item specified.
- B. Submittals for this section are subject to the re-evaluation fee identified in Article 4 of the General Conditions.
- C. Manufacturer's installation instructions shall be provided along with product data.
- D. Submittals shall be provided individually in the order in which they are specified and tabbed.
- E. Asbestos Site Specific Variance Submittals; if a site specific variance is sought submit the following:
  - 1. One copy of the completed DOSH-751 and DOSH-465 forms.
  - 2. One copy of the New York State Department of Labor site specific variance decision.
- F. Quality Control Submittals:
  - 1. Notification Compliance Data: Within 2 days after notification is sent to the regulatory agencies submit one copy of each notice sent to each regulatory agency (USEPA and DOL).
  - 2. Asbestos Removal Company Data: Name and address of proposed asbestos removal company and abatement contractor license issued by DOL.
  - 3. Asbestos Worker Certification Data: Name and address of proposed asbestos abatement workers and licenses issued by DOL.
  - 4. Work Plan: Submit one copy of the work plan required under Quality Assurance Article 1.08 (C).
  - 5. Waste Transporter Permit: One copy of transporter's current waste transporter permit from NYS DEC (NYS Part 364 Permit).
  - 6. NYS Part 360 Landfill Permit: Copy of NYS Part 360 permit of landfill to be used for ACM disposal shall be licensed to receive asbestos waste by NYS DEC (NYS Part 360 Permit) and by USEPA. Out of state landfills shall provide licenses from local agencies having jurisdiction.
  - 7. Negative Air Pressure Equipment: Copy of manufacturer's and performance data of all units and HEPA filters used.

## G. Asbestos Work Closeout Submittals:

1. Waste Shipment Records and Disposal Site Receipts: Copy of waste shipment record and disposal site receipt showing that the ACM has been properly disposed.
  - a. Waste shipment record and disposal site receipt must be received within 35 days of the ACM waste leaving the Site. If receipts are not received within the specified time period, the Director's Representative will notify USEPA in writing within 45 days of the ACM waste leaving the Site.

## H. Contract Closeout Submittals:

1. Daily Log: Submit copy of the daily air sample analytical reports and a copy of Asbestos Abatement Contractor's Daily project log.
2. Personal Air Monitoring Data: Submit copy of personal air monitoring analytical reports and chain of custody.

## 1.8 QUALITY ASSURANCE

- A. Regulatory Requirements: Comply with the referenced standards.
- B. Pre-Work Conference: Before the Work of this Section is scheduled to commence, a conference will be held by the Director's Representative at the Site for the purpose of reviewing the Contract Documents, discussing requirements for the Work, and reviewing the Work procedures.
  1. The conference shall be attended by the Contractor, the asbestos removal subcontractor, and the testing laboratory employed by the Director.
- C. Work Plan: At the conclusion of the pre-work conference, before the physical abatement Work begins, prepare a detailed work plan.
- D. The work plan shall include, but not be limited to, work procedures, types of equipment, details of equipment used, decontamination unit locations, crew size, and emergency procedures for fire and medical emergencies and for failure of containment barriers.
- E. If a site specific variance is sought, do not finalize the work plan until the Department of Labor decision is received.

## 1.9 PROJECT CONDITIONS

- A. In addition to the postings required by law, post at the entrance to the abatement area the following documents:
  1. Copy of the printed Work plan.
  2. Copy of Industrial Code Rule 56.
- B. Shut-down of Air Handling System: Complete the Work of this Section within the time limitation allowed for shut-down of the air handling system serving the work area.

1. The air handling system will not be restarted until approval of the air monitoring tests following the last cleaning.
  2. If total shut down of the system is not acceptable, follow all regulations for local isolation and provision for temporary HVAC as per DOL regulations.
- C. Maintain electric services to those portions of the building and remaining facility not a part of the asbestos abatement work area at all times. Follow all regulations for electric power shut down exemptions as per DOL regulations.
- D. Do not obstruct any aisle or passageway so as to reduce its required width as an exit.

#### 1.10 HEALTH AND SAFETY

- A. Where in the performance of the work, workers, supervisory personnel or sub-contractors may encounter, disturb, or otherwise function in the immediate vicinity of contaminated items and materials, all personnel shall take appropriate continuous measures as necessary to protect all ancillary building occupants from the potential ACM exposure.
1. Such measures shall include the procedures and methods described herein and shall be in compliance with all applicable regulations of Federal, State and Local agencies.

#### 1.11 FIRE PROTECTION, EMERGENCY EGRESS AND SECURITY

- A. Establish emergency and fire exits from the work area containment. Provide first aid kits and two full sets of protective clothing and respirators for use by qualified emergency personnel outside of the work area.
- B. Provide a logbook throughout the entire term of the project. All persons who enter the regulated abatement work area or enclosure shall sign the logbook. Document any intrusion or incident in the log book.

#### 1.12 PERSONAL PROTECTIVE CLOTHING AND EQUIPMENT

- A. Workers must wear personal protective equipment for all projects as per OSHA and DOL regulations. Provide respiratory protection in accordance with OSHA regulation 1910.134 and ANSI Z88.2.
- B. Workers must be trained as per OSHA and DOL requirements, have medical clearance and must have recently received pulmonary function test (PFT) and respirator fit tested by a trained professional.
1. A personal air sampling program shall be in place as required by OSHA.
  2. The use of respirators must also follow a complete respiratory protection program as specified by OSHA.

## PART 2 - PRODUCTS

### 2.1 DISPOSAL BAGS

- A. Type: Minimum 6 mil thick, black, and preprinted with a Caution Label.

### 2.2 EQUIPMENT

- A. Temporary lighting, heating, hot water heating units, ground fault interrupters, and all other equipment on site shall be UL listed.
- B. All electrical equipment shall be in compliance with the National Electric Code, Article 305 - Temporary Wiring.

### 2.3 NEGATIVE AIR PRESSURE UNITS

- A. Type: Local exhaust system, capable of maintaining negative air pressure within the containment, and provides for HEPA filtration of efficiency not less than 99.97 percent with 0.3 micron particles. Equip the unit with filter alarms lights and operation time meter.

### 2.4 PLASTIC SHEETS

- A. Type: Minimum 6 mil thick, clear, fire retardant polyethylene.

### 2.5 RESPIRATORS

- A. Type: As approved by the Mine Safety and Health Administration (MSHA), Department of Labor, or the National Institute for Occupational Safety and Health (NIOSH), Department of Health and Human Services.

### 2.6 VACUUM CLEANERS

- A. Type: Vacuums equipped with HEPA filters.

## PART 3 - EXECUTION

### 3.1 ASBESTOS-CONTAINING MATERIAL HANDLING AND REMOVAL PROCEDURES

- A. Comply with the standards referenced in Part 1 of this Section.

### 3.2 CLEAN UP PROCEDURES

- A. Comply with the standards referenced in Part 1 of this Section.

### 3.3 PROJECT AIR SAMPLING, MONITORING AND ANALYSIS

- A. Air Sampling and Analysis: The Director will employ the services of an independent testing laboratory to perform air sample monitoring if deemed necessary by the work. The laboratory shall use the methods described in standards referenced in Part 1 of this Section.
  - 1. The equipment, duration, flow rate, calibration of equipment, number and location of samples are as per ICR 56-4.
  - 2. Air sampling technician shall be on site to observe and maintain air sampling equipment for the duration of the air sampling collection.
  - 3. Period of time permitted between completion of air sample collection and receipt of results on the project site shall be equal or less than 48 hours.
- B. If air samples collected outside the regulated work area indicate airborne fiber concentrations at or above 0.01 fibers per cubic centimeter, or the established background level, whichever is greater, work shall stop immediately for inspection of barriers and negative air ventilation systems. Clean up surfaces outside the regulated work area using HEPA filter equipped vacuums and wet cleaning methods. Work methods shall be altered to reduce fiber concentrations to acceptable levels.
- C. Elevated air sample results, if any, along with background and all other air sample results collected during Phase IIA through Phase IIC shall be submitted to the Commissioner of appropriate Asbestos Control Bureau within the same business day of receipt of results.

### 3.4 FINAL CLEANING AND CLEARANCE PROCEDURES

- A. Negative Pressure Ventilation: Negative air pressure machines if used, shall remain in continuous operation during the entire length of the project.
- B. Cleaning and Visual Inspection: After first, second, third cleaning and required waiting/settling and drying periods, perform a final visual inspection.
  - 1. Final clearance air sampling shall commence after the waiting/settling and drying time as per ICR 56 has elapsed.
- C. Project Monitor Visual Inspection: The Director will employ the services of a DOL certified asbestos project monitor employed by an independent testing laboratory to perform visual inspection as required by ICR 56.
- D. Final Clearance Air Sampling: The Director will employ the services of an independent testing laboratory to perform final air sampling.
  - 1. The laboratory shall use the methods described in standards referenced in Part 1 of this Section.

2. The equipment, duration, flow rate, calibration of equipment, number and location of samples are as per ICR 56-4.
3. If initial Post-Abatement (Clearance Air) Monitoring results do not comply with the standards referenced in Part 1 of this Section the Contractor shall either re-clean or order a full set of TEM analysis.
  - a. Results of the TEM analysis will be conclusive, and if the results do not comply with the standards referenced in Part 1 of this Section, the Contractor shall re-clean and additional full set of air samples will be collected and analyzed until the standards are met.
  - b. All satisfactory PCM clearance air sample results along with background air sample results, if they are greater than or equal to 0.01 fibers per cubic centimeter, shall be submitted to the Commissioner of appropriate Asbestos Control Bureau within two business days of receipt of satisfactory clearance air results.
  - c. All satisfactory TEM results of previously unsatisfactory PCM clearance air sample results, along with the unsatisfactory PCM results shall be submitted to the Commissioner of appropriate Asbestos Control Bureau within two business days of receipt of satisfactory clearance air results.
4. Prior to removal of isolation barriers the Director's Representative at the site will receive an affidavit from the air monitoring laboratory certifying the final air samples comply with the standards referenced in Part 1 of this Section.
5. Remove all tools and equipment after proper decontamination as per Part 1 of this section.
6. Dismantle and remove each tent enclosure and air lock and any barriers only after final clearance air monitoring has been performed and satisfactory results obtained.
7. All remaining polyethylene, duct tape, expandable foam and other barrier materials shall be bagged, wrapped, containerized and labeled as asbestos waste.
8. Remove all temporary hard walled barriers from site.
9. Dismantle any remote decontamination units and plastic sheeting shall be disposed as asbestos waste.
10. Remove all waste generated to the holding area, lockable trailer or dumpster.
11. Contractor's Supervisor shall certify in writing to the Director that abatement work is complete and no debris/residue remains.

### 3.5 DISPOSAL OF ASBESTOS-CONTAINING MATERIAL AND RELATED DEBRIS

- A. Remove all waste generated as part of the asbestos project from the project site within ten calendar days from the site after completion of Phase IIC of the project or within one day of the waste disposal container/trailer becomes full, whichever occurs first.
- B. Transport and dispose of all the asbestos-containing waste, related debris, and waste water to the approved disposal site.
- C. All generated waste removed from the site must be documented, accounted for and disposed of in compliance with the requirements of USEPA NESHAP.
- D. Comply also with the standards referenced in Part 1 of this Section.

3.6 RESTORATION

- A. Remove temporary decontamination facilities and restore area designated for these facilities to its original condition or better.
- B. Where existing work is damaged or contaminated, restore work to its original condition or better.

END OF SECTION 028213

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0021745

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## ENERGY CODE STATEMENT:

TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S  
KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT,  
THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE  
WITH THE 2020 ENERGY CODE.

## UNIFORM CODE STATEMENT:

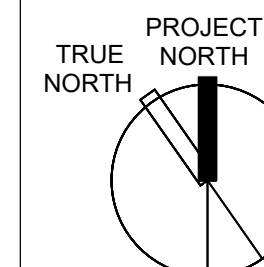
TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S  
KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT,  
THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE  
WITH THE 2020 UNIFORM CODE.

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THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND A CLASS 'A' MISDEMEANOR.



REGISTRATION EXPIRES  
August 31, 2028



CONTRACT:

## CONSTRUCTION

TITLE: REPAIR RETAINING WALLS  
HARRIMAN CAMPUS

LOCATION: HARRIMAN  
STATE OFFICE BUILDING CAMPUS  
ALBANY, NY

CLIENT: NYS OGS

|                                                                                       |            |                  |
|---------------------------------------------------------------------------------------|------------|------------------|
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|                                                                                       |            |                  |
|  | 11/13/2025 | ADDENDUM #4      |
|                                                                                       | 05/23/2025 | FINAL SUBMISSION |
| MARK                                                                                  | DATE       | DESCRIPTION      |
| PROJECT NUMBER:                                                                       | 47390      | —                |
| DESIGNED BY:                                                                          | JNM        |                  |
| DRAWN BY:                                                                             | TRG        |                  |
| FIELD CHECK:                                                                          |            |                  |
| APPROVED:                                                                             |            |                  |

SHEET TITLE:

## PCB CAULK REMOVAL PLAN

DRAWING NUMBER:

H-101

SHEET 4 OF 27

GENERAL SHEET NOTES:

1. ALL WORK SHOWN ON THIS DRAWING SHALL COMPLY WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.
2. REFER TO SPECIFICATION SECTION 003126 FOR EXISTING HAZARDOUS MATERIALS INFORMATION, SECTION 028213 FOR THE REMOVAL OF CUT STONE CAPS AND UNDERLYING BLACK WATERPROOFING, AND SECTION 028533 FOR REMOVAL AND DISPOSAL OF PCB-CONTAINING VERTICAL CONSTRUCTION JOINT CAULK.
3. REFER TO THE PRE-RENOVATION HAZARDOUS MATERIALS SURVEY REPORT DATED NOVEMBER 2024 FOR THE LIMITS AND FINDINGS OF THE SURVEY RELATED TO THE SCOPE OF THIS PROJECT.
4. COORDINATE AND SCHEDULE ALL ASBESTOS AND PCB REMOVALS WITH THE DIRECTOR'S REPRESENTATIVE, FACILITY, AND ALL OTHER CONTRACTORS AS THE ABATEMENT WORK AREA(S) WILL BE RESTRICTED TO ABATEMENT WORKERS FOR THE DURATION OF THE PCB REMOVALS.
5. MAINTAIN A SECURE WORK AREA FOR THE DURATION OF THE PCB REMOVALS WORK. COORDINATE WITH THE DIRECTOR'S REPRESENTATIVE AND FACILITY FOR SITE AND BUILDING ACCESS, STAGING OF STORED MATERIALS, DUMPSTERS, AND LOCATION OF DECONTAMINATION UNITS.
6. IF ADDITIONAL SUSPECT MATERIALS (SUSPECT FOR ASBESTOS AND/OR PCBs) ARE ENCOUNTERED DURING THIS PROJECT, CEASE OPERATIONS AND NOTIFY THE DIRECTOR'S REPRESENTATIVE IMMEDIATELY. SUSPECT ASBESTOS MATERIAL SHALL BE TREATED AS ASBESTOS-CONTAINING UNTIL THE MATERIAL CAN BE INSPECTED BY A NYS-LICENSED ASBESTOS INSPECTOR AND CONFIRMED TO BE ASBESTOS OR NON-ASBESTOS, PCB OR NON-PCB.

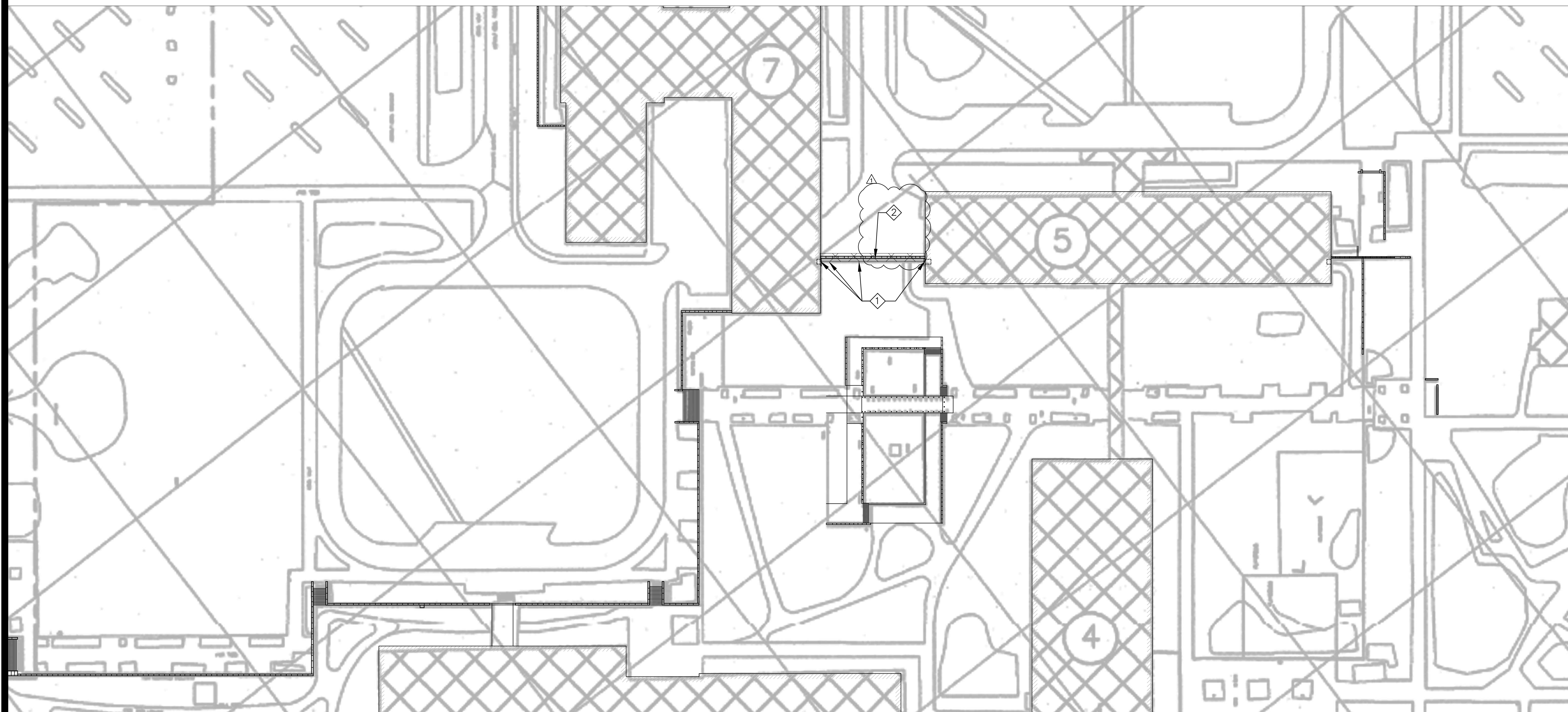
CODED ASBESTOS REMOVAL NOTES

- 1 REMOVE PCB VERTICAL CONSTRUCTION JOINT CAULK, AND DISPOSE OF AS PCB BULK PRODUCT WASTE. (ESTIMATED QUANTITY: FOUR VERTICAL CAULKED SEAMS, 16 LINEAR FEET PER SEAM).
- 2 REMOVE OUT STONE CAPS AT THE TOP OF THE RETAINING WALL AND ALL BLACK WATERPROOFING OBSERVED BENEATH AS ASBESTOS. REMOVE ALL RESIDUAL BLACK WATERPROOFING FROM THE STONES AND DISPOSE OF ALL REMOVED MATERIALS BY APPROPRIATE LEGAL MEANS. (ESTIMATED QUANTITY: 100 SF OF STONE AND BLACK WATERPROOFING ALONG TOP OF WALL).

## PCB CAULK REMOVALS LEGEND



EXTENT OF PCB CAULK AND ASBESTOS WATERPROOFING REMOVALS.



PCB CAULK REMOVAL PLAN

SCALE: 1' = 50'