NEW YORK STATE | Office of General Services

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

ADDENDUM NO. 2 TO PROJECT NO. 47451

CONSTRUCTION WORK
REHABILITATE EXHAUST & PLUMBING,
FOOD SERVICE LOCATIONS
CONCOURSE
EMPIRE STATE PLAZA
ALBANY, NY

September 5, 2025

NOTE: 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.

BIDDING REQUIREMENTS

1. DOCUMENT 001117 ADVERTISEMENT FOR BIDS-PROJECT LABOR AGREEMENT PROJECT (PLA): Change "The substantial completion date for this project is 493 days after the Agreement is approved by the Comptroller." to read "The substantial completion date for this project is **440 days** after the Agreement is approved by the Comptroller."

2. DOCUMENT 001117 ADVERTISEMENT FOR BIDS-PROJECT LABOR AGREEMENT PROJECT (PLA): Add paragraph to read:

   "Prospective bidders will be allowed to visit the job site an additional time, to take field measurement and examine existing conditions of the project area, at **2:00 pm on September 8, 2025**, at Concourse Room 125, in the Empire State Plaza, Albany, NY 12242."

GENERAL REQUIREMENTS

3. Page 011000.03-1, Paragraph 1.3.A: Change Paragraph to read:

   "A. Substantially complete the Work within 440 days after the Agreement is approved by the Comptroller."

SPECIFICATIONS

4. SECTION 028213 ASBESTOS ABATEMENT: Discard this section bound in the project manual and use the accompanying section (pages 028213-1 through 028213-10), noted "REVISED SPECIFICATION 09/02/2025".

5. SECTION 055000 METAL FABRICATIONS: Discard this section bound in the project manual and use the accompanying section (pages 055000-1 through 055000-6), noted "REVISED SPECIFICATION 09/02/2025".

6. Specification Section 083113 ACCESS DOORS AND FRAMES: Discard this section bound in the project manual and use the accompanying section (pages 083113-1 through 083113-3), noted "REVISED SPECIFICATION 09/02/2025".

7. Specification Section 099123 INTERIOR PAINTING: Discard this section bound in the project manual and use the accompanying section (pages 099123-1 through 099123-10), noted "REVISED SPECIFICATION 09/02/2025".

DRAWINGS

8. Removed Drawings:
    a. Drawing Nos. S-001, S-101, M-104, M-703, PR-101, P-101, ER-101, E-101 and E-201 are to be deleted in their entirety.

9. Revised Drawings:
    a. Drawing Nos. G-001, G-003, H-100, H-101, H-103, A-011, A-012, A-013, A-101, A-102, A-103, A-501, A-502, A-503, A-601, MR-101, MR-104, MR-301, M-101, M-301, M-304, M-502, M-601, M-701 and ER-201, noted "REVISED DRAWING 2025-09-02" accompany this Addendum and supersede the same numbered originally issued drawings.

END OF ADDENDUM

Brady M. 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. The results of the testing for ACM are listed in the Building Asbestos Survey Report bound in the Appendix. Also see Document 003126.

1. The Building Asbestos Survey report was 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. Large Asbestos Abatement Project: An asbestos project involving the removal, disturbance, repair or handling of more than 160 square feet or 260 linear feet of ACM.

C. Scope of Work:

<u>Cornerstone</u>

1. Remove and dispose of seam sealants and gaskets on ductwork flanges/joints. Typ. for 24 sq. ft.

<u>Concourse (Catering)</u>

2. Remove and dispose of vibration cloth on ductwork & black sealant on ductwork flanges. Typ. for 8 sq. ft. cloth & 8 sq. ft. of sealant

3. Remove and dispose of rope gaskets on ductwork flanges. Typ. for 50 sq. ft. of gasket

4. Remove and dispose of electrical wiring on mech. unit fan motor after the same has been disconnected from its power source by a licensed electrician. Typ. for 50 lin. ft.

<u>Plaza (Logan Kitchen)</u>

5. Remove and dispose of rope gaskets & black sealant on ductwork flanges. Typ. for 4 sq. ft. of rope gaskets & 8 sq. ft. of sealant.

6. Remove and dispose of electrical wiring on mech. unit fan motor after the same has been disconnected from its power source by a licensed electrician. Typ. for 50 lin. ft.

7. Remove and dispose of light fixtures and associated electrical wiring after the same has been disconnected from its power source by a licensed electrician. Typ. for 15 lin. ft. / (3) 2'X2' fixtures & (2) recessed fixtures.

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.

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 GLOVE BAGS

A. Type: Minimum 6 mil thick, clear, fire retardant polyethylene. Select glove bag sizes appropriate for the size and location of the project.

2.4 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.

2.5 PLASTIC SHEETS

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

2.6 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.

2.7 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. 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.

E. Dismantling of Regulated Abatement Work Area:

1. Remove all tools and equipment after proper decontamination as per Part 1 of this section.
2. 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.
3. All remaining polyethylene, duct tape, expandable foam and other barrier materials shall be bagged, wrapped, containerized and labeled as asbestos waste.
4. Remove all temporary hard walled barriers from site.
5. Dismantle any remote decontamination units and plastic sheeting shall be disposed as asbestos waste.
6. Remove all waste generated to the holding area, lockable trailer or dumpster.
7. 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

SECTION 055000 - METAL FABRICATIONS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:

1. Steel tube reinforcement for low partitions.

B. Related Requirements:

1. Section 042000 "Unit Masonry" for installing anchor bolts, and other items built into unit masonry.

1.3 COORDINATION

A. Coordinate selection of shop primers with topcoats to be applied over them. Comply with paint and coating manufacturers' written instructions to ensure that shop primers and topcoats are compatible with one another.

B. Coordinate installation of metal fabrications that are anchored to or that receive other work. Furnish setting drawings, templates, and directions for installing anchorages, including sleeves, concrete inserts, anchor bolts, and items with integral anchors, that are to be embedded in concrete or masonry. Deliver such items to Project site in time for installation.

1.4 SUBMITTALS

A. Submittals for this section are subject to the re-evaluation fee identified in Article 4 of the General Conditions.

B. Product Data: For the following:

1. Fasteners.
2. Shop primers.

C. Submit an Environmental Product Declaration (EPD) from the manufacturer for structural steel and slotted channel framing within this specification section, if available. A statement of the contractor’s good faith effort to obtain the EPD shall be provided if not available.

1. Manufacturer-provided EPDs must be Product Specific Type III (Third-Party Reviewed), in adherence with ISO 14025 *Environmental labels and declarations*, ISO 14044 *Environmental management – Life cycle assessment*, and ISO 21930 *Core rules for environmental product declarations of construction products and services.*

D. Shop Drawings: Show fabrication and installation details. Include plans, elevations, sections, and details of metal fabrications and their connections. Show anchorage and accessory items. Provide Shop Drawings for the following:

1. Steel tube reinforcement for low partitions.
2. Steel framing and supports for applications where framing and supports are not specified in other Sections.

E. Qualification Data: For professional engineer's experience with providing delegated-design engineering services of the kind indicated, including documentation that engineer is licensed and registered in New York State.

F. Welding certificates.

G. Paint Compatibility Certificates: From manufacturers of topcoats applied over shop primers, certifying that shop primers are compatible with topcoats.

H. Source quality-control reports.

1. Documentation to confirm compliance with General Conditions Article 25.4 Domestic Steel.

1.5 QUALITY ASSURANCE

A. Welding Qualifications: Qualify procedures and personnel in accordance with the following:

1. AWS D1.1, "Structural Welding Code - Steel."
2. For metals other than the ones listed above provide relevant welding qualifications and 5 years minimum relevant experience.

B. If the value of the contract exceeds $100,000 all structural steel, reinforcing steel and other major steel items to be incorporated in the Work of this Contract shall be produced and made in whole or substantial part in the United States, its territories or possessions.

1.6 FIELD CONDITIONS

A. Field Measurements: Verify actual locations of walls, floor slabs, decks, and other construction contiguous with metal fabrications by field measurements before fabrication.

PART 2 - PRODUCTS

2.1 METALS

A. Metal Surfaces, General: Provide materials with smooth, flat surfaces unless otherwise indicated. For metal fabrications exposed to view in the completed Work, provide materials without seam marks, roller marks, rolled trade names, or blemishes.

B. Structural Steel Plates, Shapes, and Bars: ASTM A36.

C. Structural Steel Tubing: ASTM A500, cold-formed steel tubing.

2.2 FASTENERS

A. Steel Bolts and Nuts: Regular hexagon-head bolts, ASTM A307, Grade A; with hex nuts, ASTM A563; and, where indicated, flat washers.

B. Anchor Bolts: ASTM F1554, Grade 36 or as noted, of dimensions indicated; with nuts, ASTM A563; and, where indicated, flat washers.

1. Hot-dip galvanize or provide mechanically deposited, zinc coating where item being fastened is indicated to be galvanized.

C. Anchors, General: Capable of sustaining, without failure, a load equal to six times the load imposed when installed in unit masonry and four times the load imposed when installed in concrete, as determined by testing in accordance with ASTM E488, conducted by a qualified independent testing agency.

D. Post-Installed Anchors: Torque-controlled expansion anchors or chemical anchors.

1. Material for Interior Locations: Carbon-steel components zinc plated to comply with ASTM B633 or ASTM F1941, Class Fe/Zn 5, unless otherwise indicated.
2. Material for Interior Locations Where Stainless Steel Is Indicated: Alloy Group 1 stainless steel bolts, ASTM F593, and nuts, ASTM F594.
3. Material for Exterior Locations: Alloy Group 2 stainless-steel bolts, ASTM F593, and nuts, ASTM F594.

2.3 MISCELLANEOUS MATERIALS

A. Universal Shop Primer: Fast-curing, lead- and chromate-free, universal modified-alkyd primer complying with MPI#79 and compatible with topcoat.

1. Use primer containing pigments that make it easily distinguishable from zinc-rich primer.

B. Intermediate Coats and Topcoats: Provide products that comply with Section 099123 "Interior Painting."

2.4 FABRICATION, GENERAL

A. Shop Assembly: Preassemble items in the shop to greatest extent possible. Disassemble units only as necessary for shipping and handling limitations. Use connections that maintain structural value of joined pieces. Clearly mark units for reassembly and coordinated installation.

B. Cut, drill, and punch metals cleanly and accurately. Remove burrs and ease edges to a radius of approximately 1/32 inch unless otherwise indicated. Remove sharp or rough areas on exposed surfaces.

C. Form bent-metal corners to smallest radius possible without causing grain separation or otherwise impairing work.

D. Form exposed work with accurate angles and surfaces and straight edges.

E. Weld corners and seams continuously to comply with the following:

1. Use materials and methods that minimize distortion and develop strength and corrosion resistance of base metals.
2. Obtain fusion without undercut or overlap.
3. Remove welding flux immediately.

F. Cut, reinforce, drill, and tap metal fabrications as indicated to receive finish hardware, screws, and similar items.

G. Provide for anchorage of type indicated; coordinate with supporting structure. Space anchoring devices to secure metal fabrications rigidly in place and to support indicated loads.

2.5 MISCELLANEOUS FRAMING AND SUPPORTS

A. General: Provide steel framing and supports not specified in other Sections as needed to complete the Work.

B. Fabricate units from steel shapes, plates, and bars of welded construction unless otherwise indicated. Fabricate to sizes, shapes, and profiles indicated and as necessary to receive adjacent construction.

C. Galvanize miscellaneous framing and supports where indicated.

2.6 STEEL WELD PLATES AND ANGLES

A. Provide steel weld plates and angles not specified in other Sections, for items supported from concrete construction as needed to complete the Work. Provide each unit with no fewer than two integrally welded steel anchors for embedding in concrete.

2.7 GENERAL FINISH REQUIREMENTS

A. Finish metal fabrications after assembly.

B. Finish exposed surfaces to remove tool and die marks and stretch lines, and to blend into surrounding surface.

2.8 STEEL AND IRON FINISHES

A. Galvanizing: Hot-dip galvanize items as indicated to comply with ASTM A153 for steel and iron hardware and with ASTM A123 for other steel and iron products.

B. Shop prime iron and steel items not indicated to be galvanized unless they are to be embedded in concrete, sprayed-on fireproofing, or masonry, or unless otherwise indicated.

1. Shop prime with universal shop primer.

C. Preparation for Shop Priming: Prepare surfaces to comply with SSPC-SP 3, "Power Tool Cleaning."

D. Shop Priming: Apply shop primer to comply with SSPC-PA 1, "Paint Application Specification No. 1: Shop, Field, and Maintenance Painting of Steel," for shop painting.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

A. Cutting, Fitting, and Placement: Perform cutting, drilling, and fitting required for installing metal fabrications. Set metal fabrications accurately in location, alignment, and elevation; with edges and surfaces level, plumb, true, and free of rack; and measured from established lines and levels.

B. Fit exposed connections accurately together to form hairline joints. Weld connections that are not to be left as exposed joints but cannot be shop welded because of shipping size limitations. Do not weld, cut, or abrade surfaces of exterior units that have been hot-dip galvanized after fabrication and are for bolted or screwed field connections.

C. Field Welding: Comply with the following requirements:

1. Use materials and methods that minimize distortion and develop strength and corrosion resistance of base metals.
2. Obtain fusion without undercut or overlap.
3. Remove welding flux immediately.
4. At exposed connections, finish exposed welds and surfaces smooth and blended so no roughness shows after finishing and contour of welded surface matches that of adjacent surface.

D. Fastening to In-Place Construction: Provide anchorage devices and fasteners where metal fabrications are required to be fastened to in-place construction. Provide threaded fasteners for use with concrete and masonry inserts, toggle bolts, through bolts, lag screws, wood screws, and other connectors.

E. Provide temporary bracing or anchors in formwork for items that are to be built into concrete, masonry, or similar construction.

3.2 INSTALLATION OF MISCELLANEOUS FRAMING AND SUPPORTS

A. General: Install framing and supports to comply with requirements of items being supported, including manufacturers' written instructions and requirements indicated on Shop Drawings.

END OF SECTION 055000

SECTION 083113 - ACCESS DOORS AND FRAMES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUBMITTALS

A. Submittals for this section are subject to the re-evaluation fee identified in Article 4 of the General Conditions.

B. Manufacturer's installation instructions shall be provided along with product data.

C. Product Data: For each type of product.

1. Include construction details material descriptions, dimensions of individual components and profiles, and finishes.

PART 2 - PRODUCTS

2.1 ACCESS DOORS AND FRAMES

A. Flush Access Doors with Concealed Flanges:

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:

    a. Activar Construction Products Group, Inc. - JL Industries.
    b. ACUDOR Products, Inc.
    c. Babcock-Davis.
    d. Karp Associates, Inc.
    e. Metropolitan Door Industries Corp.
    f. Milcor; a division of Hart & Cooley, Inc.
    g. Nystrom.

2. Description: Face of door flush with frame; with concealed flange for plaster installation and concealed hinge.
3. Locations: Ceiling.
4. Door Size: As indicated on drawings.
5. Uncoated Steel Sheet for Door: Nominal 0.060 inch, 16 gage, factory finished.
6. Latch and Lock: Cam latch, screwdriver operated.

2.2 MATERIALS

A. Steel Sheet: Uncoated or electrolytic zinc coated, ASTM A879/A879M, with cold-rolled steel sheet substrate complying with ASTM A1008/A1008M, Commercial Steel (CS), exposed.

B. Metallic-Coated Steel Sheet: ASTM A653/A653M, Commercial Steel (CS), Type B; with minimum G60 or A60 metallic coating.

C. Aluminum Extrusions: ASTM B221, Alloy 6063.

D. Inserts, Bolts, and Anchor Fasteners: Hot-dip galvanized steel according to ASTM A153/A153M or ASTM F2329.

2.3 FABRICATION

A. General: Provide access door and frame assemblies manufactured as integral units ready for installation.

B. Metal Surfaces: For metal surfaces exposed to view in the completed Work, provide materials with smooth, flat surfaces without blemishes. Do not use materials with exposed pitting, seam marks, roller marks, rolled trade names, or roughness.

C. Doors and Frames: Grind exposed welds smooth and flush with adjacent surfaces. Furnish mounting holes, attachment devices and fasteners of type required to secure access doors to types of supports indicated.

2.4 FINISHES

A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.

B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

C. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

D. Painted Finishes: Comply with coating manufacturer's written instructions for cleaning, conversion coating, and applying and baking finish.

1. Factory Finished: Apply manufacturer's standard baked-enamel or powder-coat finish immediately after cleaning and pretreating, with minimum dry-film thickness of 1 mil for topcoat.

a. Color: White.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. Comply with manufacturer's written instructions for installing access doors and frames.

3.3 ADJUSTING

A. Adjust doors and hardware, after installation, for proper operation.

END OF SECTION 083113

SECTION 099123 - INTERIOR PAINTING

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes surface preparation and the application of paint systems on the following interior substrates:

1. Gypsum board.
2. Plaster.

B. Work under this Contract shall also include, but not necessarily be limited to:

1. Labor, materials, tools and other equipment, services and supervision required to complete all interior painting and decorating work as indicated on Finish Schedules and to the full extent of the drawings and specifications.
2. Moisture testing of substrates.
3. Surface preparation of substrates as required for acceptance of paint, including cleaning, small crack repair, patching, caulking, and making good surfaces and areas to the limits defined under MPI Architectural Painting Manual preparation requirements.
4. Specific pre-treatments noted herein or specified in the MPI Architectural Painting Manual.
5. Sealing / priming surfaces for painting in accordance with MPI Architectural Painting Manual requirements.
6. Provision of safe and adequate ventilation as required over and above temporary ventilation supplied by others, where toxic and/or volatile / flammable materials are being used.

C. Related Requirements:

1. Section 055000 "Metal Fabrications" for shop priming metal fabrications.

D. Refer to drawings and schedules (e.g., Finish Schedule) for type, location and extent of interior painting required.

1.2 REFERENCES

A. Master Painters Institute Inc., MPI Architectural Painting Manual. www.specifypaint.us.

1.3 DEFINITIONS

A. MPI Gloss Level 1 (Matte or Flat): Not more than five units at 60 degrees and 10 units at 85 degrees, according to ASTM D523.

B. MPI Gloss Level 2 (Velvet): Not more than 10 units at 60 degrees and 10 to 35 units at 85 degrees, according to ASTM D523.

C. MPI Gloss Level 3 (Eggshell): 10 to 25 units at 60 degrees and 10 to 35 units at 85 degrees, according to ASTM D523.

D. MPI Gloss Level 4 (Satin): 20 to 35 units at 60 degrees and not less than 35 units at 85 degrees, according to ASTM D523.

E. MPI Gloss Level 5 (Semi-Gloss): 35 to 70 units at 60 degrees, according to ASTM D523.

F. MPI Gloss Level 6 (Gloss): 70 to 85 units at 60 degrees, according to ASTM D523.

G. MPI Gloss Level 7 (High Gloss): More than 85 units at 60 degrees, according to ASTM D523.

1.4 SUBMITTALS

A. Submittals for this section are subject to the re-evaluation fee identified in Article 4 of the General Conditions.

B. Manufacturer’s installation instructions shall be provided along with product data.

C. Painting Schedule: Cross-referenced Painting Schedule listing all interior substrates to be painted and specified finish paint type designation; product name and manufacturer, recommended primers and product numbers, and finish paint color designation for each substrate to be painted.

1. Designate interior substrates by building name and number, floor, room name and number, and surface to be painted.

D. Product Data: For each type of product. Include preparation requirements and application instructions.

1. Include Printout of current "MPI Approved Products List" for each product category specified, with the proposed product highlighted.
2. Indicate VOC content.
3. Manufacturer’s standard colors in the form of actual fan decks.

E. Samples for Verification: For each type of paint system and in each color and gloss of topcoat.

1. Submit Samples on rigid backing, 8 inches square.
2. Apply coats on Samples in steps to show each coat required for system.
3. Label each coat of each Sample.
4. Label each Sample for location and application area.

F. Contractor’s Qualifications: Submit documentation demonstrating compliance with requirements in Quality Assurance Article.

G. Certification of Volatile Organic Compounds: Submit certified list demonstrating compliance requirements in Quality Assurance Article.

1.5 QUALITY ASSURANCE

A. Volatile Organic Compounds (VOCs) Regulatory Requirements: Chapter III of Title 6 of the official compilation of Codes, Rules and Regulations of the State of New York (Title 6 NYCRR), Part 205 Architectural Surface Coatings.

1. Certificate of Compliance: List of each paint product to be delivered and installed. List shall include written certification stating that each paint product listed complies with the VOC regulatory requirements in effect at the time of job site delivery and installation.

B. Contractor shall have a minimum of five (5) years proven satisfactory experience and shall show proof before commencement of work that he will maintain a qualified crew of painters throughout the duration of the work. When requested by the Director's Representative, Contractor shall provide a list of the last three comparable repainting jobs including, name, location, specifying authority / project manager, start / completion dates and value of the work.

C. All materials, preparation and workmanship shall conform to the standards contained in the latest edition of the Master Painters Institute (MPI) Architectural Painting Manual (herein referred to as the MPI Manual).

D. The painting contractor shall receive written confirmation of the specific surface preparation procedures and primers used for all fabricated steel items from the fabricator / supplier to ascertain appropriate and manufacturer compatible finish coat materials to be used before painting such work.

E. Mockups: Apply mockups of each paint system indicated and each color and finish selected to verify preliminary selections made under Sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.

1. Director's Representative will select one surface to represent surfaces and conditions for application of each paint system.

a. Vertical and Horizontal Surfaces: Provide samples of at least 100 sq. ft.
b. Other Items: Director's Representative will designate items or areas required.

2. Final approval of color selections will be based on mockups.

a. If preliminary color selections are not approved, apply additional mockups of additional colors selected by Director's Representative at no added cost to the State.

3. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Director's Representative specifically approves such deviations in writing.
4. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

F. Compatibility of Paint Materials: Primers and intermediate paints shall be products manufactured or recommended by the finish paint manufacturer.

1.6 REGULATORY REQUIREMENTS

A. Conform to work place safety regulations for storage, mixing, application and disposal of all paint related materials to requirements of those authorities having jurisdiction.

B. To reduce the amount of contaminants entering waterways, sanitary / storm drain systems or into the ground the following procedures shall be strictly adhered to:

1. Retain cleaning water for water based materials to allow sediments to be filtered out. In no case shall equipment be cleaned using free draining water.
2. Retain cleaners, thinners, solvents and excess paint and place in designated containers and ensure proper disposal.
3. Return solvent and oil-soaked rags used during painting operations for contaminant recovery, proper disposal, or appropriate cleaning and laundering.
4. Dispose of contaminants in an approved legal manner in accordance with hazardous waste regulations.
5. Empty paint cans are to be dry prior to disposal or recycling (where available).
6. Close and seal tightly partly used cans of materials including sealant and adhesive containers and store protected in well ventilated fire safe area at moderate temperature.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Deliver painting materials in sealed, original labeled containers bearing manufacturer's name, brand name, type of paint or coating and color designation, standard compliance, materials content as well as mixing and/or reducing and application requirements.

B. Store materials not in use in tightly covered containers in well-ventilated areas with ambient temperatures continuously maintained at not less than 45 deg F.

1. Maintain containers in clean condition, free of foreign materials and residue.
2. Remove rags and waste from storage areas daily.

C. Where toxic and/or volatile / explosive / flammable materials are being used, provide adequate fireproof storage lockers and take necessary precautions and post adequate warnings (e.g. no smoking) as required.

D. Take necessary precautionary and safety measures to prevent fire hazards and spontaneous combustion and to protect the environment from hazard spills. Materials that constitute a fire hazard (paints, solvents, drop clothes, etc.) to be stored in suitable closed and rated containers or removed from the site on a daily basis.

E. Comply with requirements of authorities having jurisdiction, in regard to the use, handling, storage and disposal of hazardous materials.

1.8 FIELD CONDITIONS

A. Apply paints only when temperature of surfaces to be painted and ambient air temperatures are between 50 and 95 deg F.

B. Do not apply paints when relative humidity exceeds 85 percent; at temperatures less than 5 deg F above the dew point; or to damp or wet surfaces.

C. Perform no painting work unless a minimum lighting level of 323 Lux (30-foot candles) is provided on surfaces to be repainted.

D. Apply paint only to dry, clean, and adequately prepared surfaces in areas where dust is no longer generated by construction activities such that airborne particles will not affect the quality of finished surfaces.

E. The following items are not to be painted unless otherwise specified, noted or directed:

1. Exposed stainless steel, chrome, copper, bronze, brass, and aluminum.
2. Steel to be encased in cast-in-place concrete.
3. Top flanges of structural beams and girders in composite concrete-steel construction.
4. Factory prefinished items.
5. Exposed structural wood floor joists, subflooring, rafters, roof sheathing and other framing lumber.
6. Galvanized items not exposed in finished spaces.

PART 2 - PRODUCTS

2.1 PAINT MATERIALS, GENERAL

A. MPI Standards: Provide products complying with MPI standards indicated and listed in its "MPI Approved Products List."

B. Material Compatibility:

1. Provide materials for use within each paint system that are compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.
2. For each coat in a paint system, provide products recommended in writing by topcoat manufacturers for use in paint system and on substrate indicated.

C. Colors: As selected by Director’s Representative from manufacturer's full range.

2.2 PAINT MATERIAL MANUFACTURERS

A. Manufacturers: Subject to compliance with requirements, provide products by the following:

1. Benjamin Moore & Co.
2. PPG Architectural.
3. Sherwin-Williams.
4. Or equal.

B. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to products listed in the Interior Painting Schedule for the paint category indicated.

2.3 PAINT MATERIALS

A. Primers and Sealers:

1. Type IAL-P-LO: Primer Sealer, Interior, Institutional Low Odor/VOC. MPI #149. Provide one of the following:

    a. Benjamin Moore & Co.: Ultra Spec 500; Waterborne Interior Primer.
    b. PPG Architectural: Speedhide Zero Interior Zero VOC Latex Sealer.
    c. Sherwin-Williams: ProMar 200 Zero; Interior Latex Primer.

B. Water-Based Paints:

1. Type IAL-3-LO: Latex, Interior, Institutional Low Odor/VOC, Semigloss (Gloss Level 5). MPI #147. Provide one of the following:

    a. Benjamin Moore & Co.: Ultra Spec 500 Interior Semi-Gloss.
    b. PPG Architectural: Speedhide Zero Interior Semi-Gloss.
    c. Sherwin-Williams: Pro Industrial Acrylic Semi-Gloss Coating.

2.4 SOURCE QUALITY CONTROL

A. Testing of Paint Materials: The Director's Representative reserves the right to invoke the following procedure:

1. The Director's Representative will engage the services of a qualified testing agency to sample paint materials. Contractor will be notified in advance and may be present when samples are taken. If paint materials have already been delivered to Project site, samples may be taken at Project site. Samples will be identified, sealed, and certified by testing agency.
2. Testing agency will perform tests for compliance with product requirements.
3. The Director's Representative may direct Contractor to stop applying paints if test results show materials being used do not comply with product requirements. Contractor shall remove noncomplying paint materials from Project site, pay for testing, and repaint surfaces painted with rejected materials. Contractor will be required to remove rejected materials from previously painted surfaces if, on repainting with complying materials, the two paints are incompatible.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.

B. Maximum Moisture Content of Substrates: When measured with an electronic moisture meter as follows:

1. Concrete: 12 percent.
2. Fiber-Cement Board: 12 percent.
3. Masonry (Clay and CMUs): 12 percent.
4. Wood: 15 percent.
5. Gypsum Board: 12 percent.
6. Plaster: 12 percent.

C. Gypsum Board Substrates: Verify that finishing compound is sanded smooth.

D. Plaster Substrates: Verify that plaster is fully cured.

E. Verify suitability of substrates, including surface conditions and compatibility, with existing finishes and primers.

F. Proceed with coating application only after unsatisfactory conditions have been corrected.

1. Application of coating indicates acceptance of surfaces and conditions.

3.2 PREPARATION

A. Comply with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual" applicable to substrates and paint systems indicated.

B. Remove hardware, covers, plates, and similar items already in place that are removable and are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting.

1. After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection if any.

C. Clean substrates of substances that could impair bond of paints, including dust, dirt, oil, grease, and incompatible paints and encapsulants.

1. Remove incompatible primers and reprime substrate with compatible primers or apply tie coat as required to produce paint systems indicated.

D. Concrete Substrates: Remove release agents, curing compounds, efflorescence, and chalk. Do not paint surfaces if moisture content or alkalinity of surfaces to be painted exceeds that permitted in manufacturer's written instructions.

E. Masonry Substrates: Remove efflorescence and chalk. Do not paint surfaces if moisture content or alkalinity of surfaces or mortar joints exceeds that permitted in manufacturer's written instructions.

3.3 APPLICATION

A. Apply paints according to manufacturer's written instructions and to recommendations in "MPI Manual."

1. Use applicators and techniques suited for paint and substrate indicated.
2. Paint surfaces behind movable equipment and furniture same as similar exposed surfaces. Before final installation, paint surfaces behind permanently fixed equipment or furniture with prime coat only.
3. Paint front and backsides of access panels, removable or hinged covers, and similar hinged items to match exposed surfaces.
4. Do not paint over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates.
5. Primers specified in painting schedules may be omitted on items that are factory primed or factory finished if acceptable to topcoat manufacturers.

B. Tint each undercoat a lighter shade to facilitate identification of each coat if multiple coats of same material are to be applied. Tint undercoats to match color of topcoat, but provide sufficient difference in shade of undercoats to distinguish each separate coat.

C. If undercoats or other conditions show through topcoat, apply additional coats until cured film has a uniform paint finish, color, and appearance.

D. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.

3.4 FIELD QUALITY CONTROL

A. Dry Film Thickness Testing: The Director’s Representative may engage the services of a qualified testing and inspecting agency to inspect and test paint for dry film thickness.

1. Contractor shall touch up and restore painted surfaces damaged by testing.
2. If test results show that dry film thickness of applied paint does not comply with paint manufacturer's written recommendations, Contractor shall pay for testing and apply additional coats as needed to provide dry film thickness that complies with paint manufacturer's written recommendations.

3.5 CLEANING AND PROTECTION

A. At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.

B. After completing paint application, clean spattered surfaces. Remove spattered paints by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.

C. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by Director's Representative, and leave in an undamaged condition.

D. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces.

3.6 SURFACES, GENERAL

A. Surfaces: Unless otherwise specified or shown on the drawings, paint surfaces as follows:

1. Interior Surfaces: Use the following paint types unless otherwise noted.

a. Ceilings: Paint Type IAL-1-LO except as noted below:

1) Toilets, Kitchens, Shower Rooms, Janitor Closets and Other Wet Areas: Paint Type IAL-3-LO.
2) Food Preparation Areas: Paint Type IAL-3-LO.

b. Walls: Paint Type IAL-2-LO except as noted below:

1) Toilets, Janitor Closets and Kitchens: Paint Type IAL-3-LO.

c. Doors, Windows, Frames and Trim: Paint Type IAL-3-LO .

2. Unless otherwise noted, paint interior unremovable and exposed wall and ceiling air supply and return grilles; plumbing pipes; electrical panel and fuse boxes, raceways and conduits; heating convector cabinets, radiators, radiator cabinets, unit heaters, and similar existing and installed devices and equipment by other trades.

a. Paint to match adjacent wall or ceiling surfaces.
b. Paint exposed surfaces when any part of the surface is on or within 8 inches of ceiling or wall surface to be painted.
c. Paint visible interior surfaces behind grilles, guards and screens.

3. Doors and Frames: Unless otherwise noted, paint doors and frames the same color in the next highest gloss as adjacent wall surfaces.

a. Where walls are not the same color on both sides of a door frame, change color at the inside corner of the frame stop.
b. Prime and finish paint door faces and edges before installation.

1) Paint door edges the same paint type color as the exterior side of the door.

c. Do not paint door components which are clearly not intended to be painted such as non-ferrous hardware, frame mutes, and weather stripping.

d. Do not allow doors and frames to touch until paint is thoroughly dry on both surfaces.

4. Do not paint plastic laminate surfaces, special countertop materials, glazing, factory finished surfaces, finish hardware and similar items clearly not intended to be painted.

3.7 INTERIOR PAINTING SCHEDULE

A. Gypsum Board and Plaster Substrates:

1. Institutional Low-Odor/VOC Latex System MPI INT 9.2M:

a. Prime Coat: Primer sealer, interior, institutional low odor/VOC, MPI #149. Type **IAL-P-LO**.
b. Intermediate Coat: Latex, interior, institutional low odor/VOC, matching topcoat.

c. Topcoat: Latex, interior, institutional low odor/VOC, semi-gloss (MPI Gloss Level 5), MPI #147. **Type IAL-3-LO**.

END OF SECTION 099123

REHABILITATE EXHAUST & PLUMBING, FOOD SERVICE LOCATIONS CONCOURSE

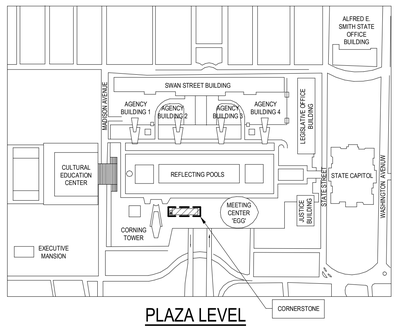
EMPIRE STATE PLAZA

ALBANY, NY

O.G.S. PROJECT NO. 47451 - C

JUNE 13, 2025

NOT TO



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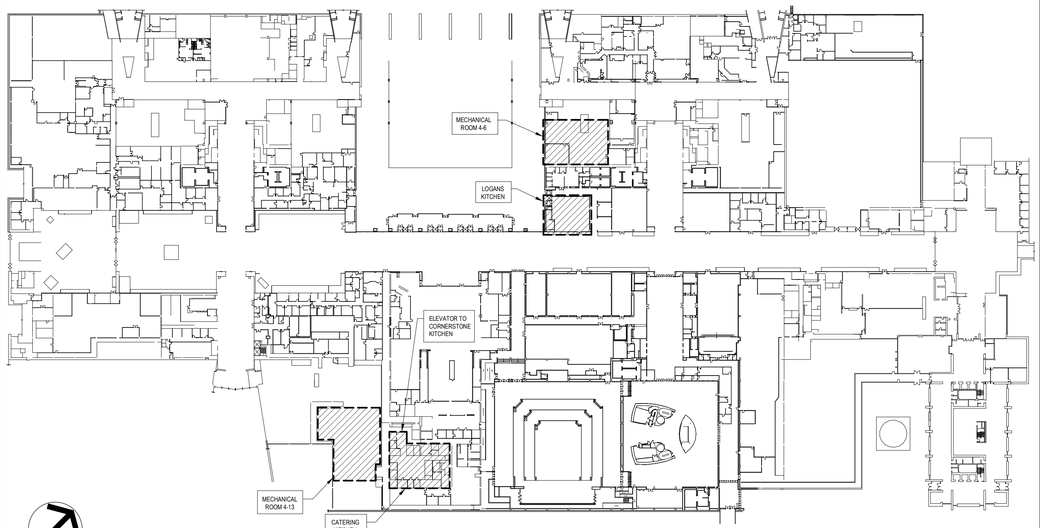

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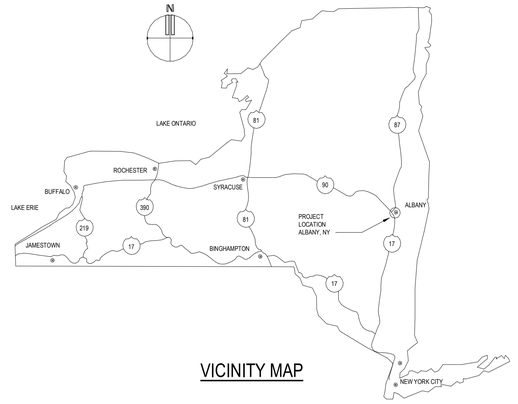


VICINITY MAP

NEW YORK STATE | Office of General Services

DESIGN & CONSTRUCTION

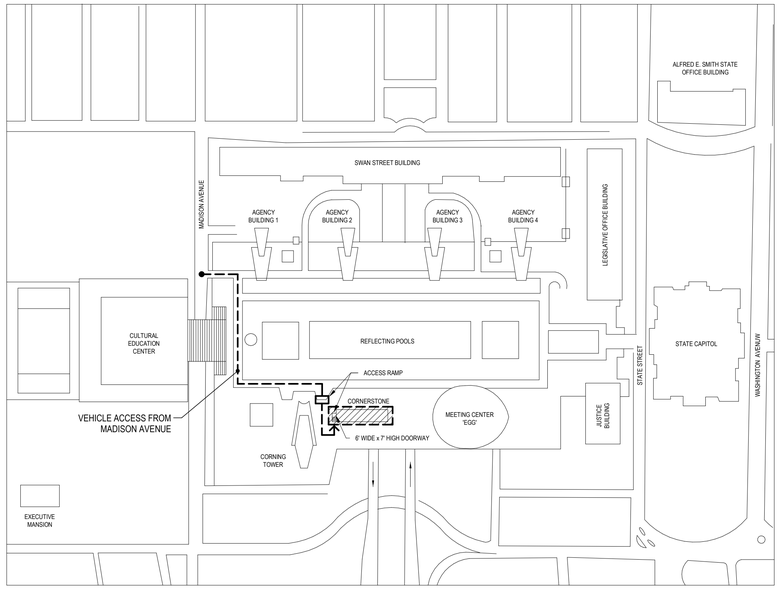
INDEX OF DRAWINGS

REVISED DRAWING 2025-09-02

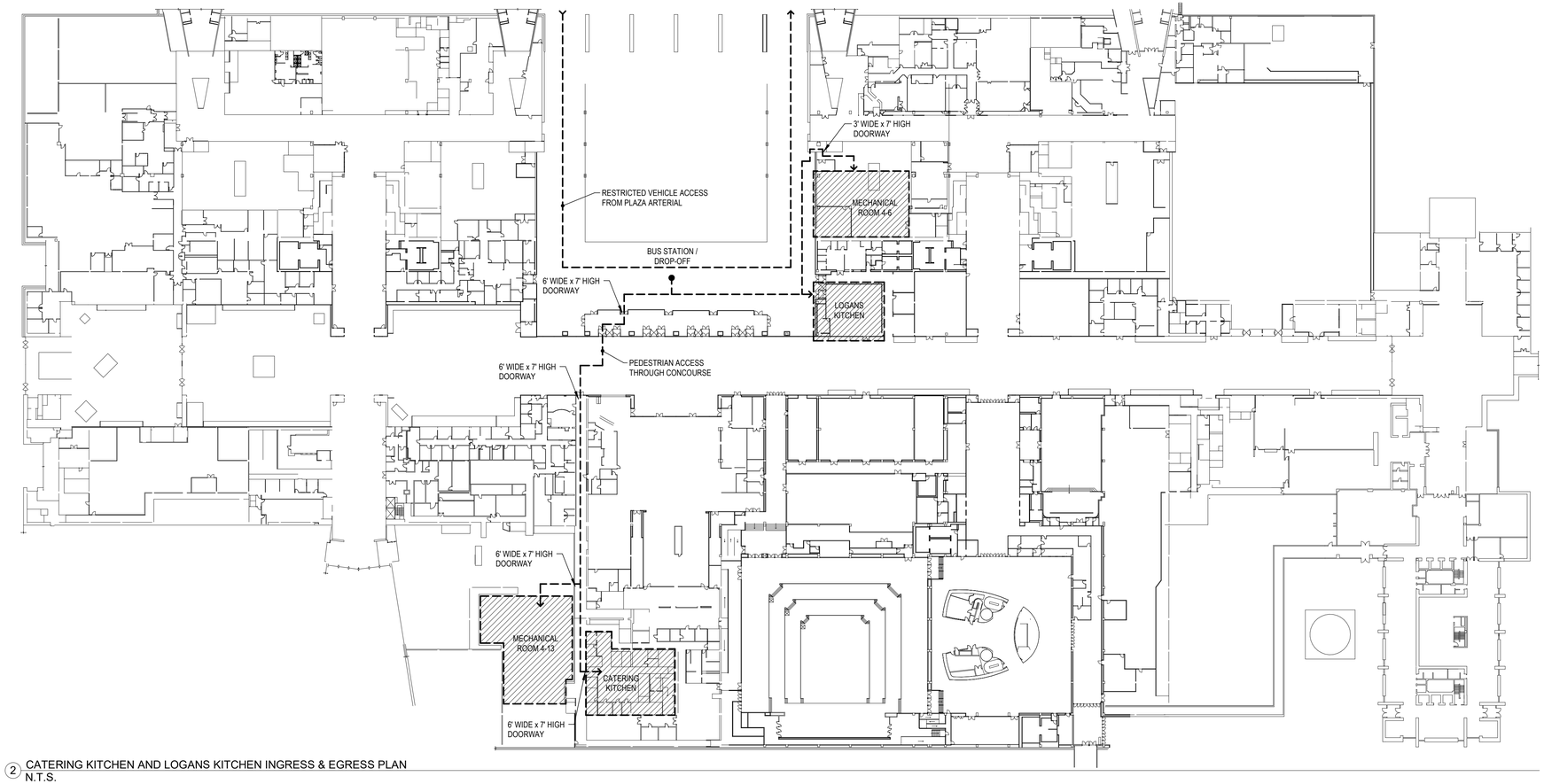
DRAWING NUMBER
G-001

SHEET 1 OF 70

36X24 PLOT SHEET



1 CORNERSTONE KITCHEN INGRESS & EGRESS PLAN
N.T.S.



2 CATERING KITCHEN AND LOGANS KITCHEN INGRESS & EGRESS PLAN
N.T.S.

CONSTRUCTION SEQUENCING REQUIREMENTS:

GENERAL REQUIREMENTS:
1. CONSTRUCTION PHASING AND SEQUENCING MUST ALIGN WITH KITCHEN OPERATIONAL NEEDS, INCLUDING RESTRICTED WORK PERIODS AND SHUTDOWN LIMITATIONS.
2. A 4-WEEK NOTICE MUST BE PROVIDED TO THE DIRECTOR'S REPRESENTATIVE BEFORE STARTING WORK IN ANY AREA.
3. THE CONTRACTOR SHALL COORDINATE WITH KITCHEN VENDORS, AS DIRECTED BY NICHOLAS MOODY, TO MINIMIZE DISRUPTION TO FOOD SERVICE OPERATIONS.

LOGAN'S KITCHEN:
1. ALL WORK WITHIN THE KITCHEN AND RETAIL SPACE MUST TAKE PLACE BETWEEN JUNE 1 AND AUGUST 30 OF THE SAME YEAR. WORK IN THE ASSOCIATED MECHANICAL ROOM AND BUS TURNAROUND AREA INSTALLATION MAY OCCUR AT ANY TIME.
2. PROVIDE A TEMPORARY PARTITION AS DETAILED ON THE DRAWINGS TO SEPARATE THE KITCHEN FROM THE RETAIL SPACE DURING THIS WORK PERIOD. THE RETAIL SPACE WILL REMAIN ACTIVE WHILE WORK IS PERFORMED IN THE KITCHEN.

CATERING KITCHEN:
1. WORK MAY BE PERFORMED AT ANY TIME, EXCEPT DURING A RESTRICTED WORK PERIOD FROM FEBRUARY 1 THROUGH MARCH 31 OF THE SAME YEAR. THE KITCHEN MUST BE FULLY OPERATIONAL DURING THIS TIME.

1

CONTRACTOR STAGING & LAYDOWN AREAS:
1. A TEMPORARY STAGING AREA IS PERMITTED IN THE BUS TURNAROUND ADJACENT TO LOGAN'S KITCHEN. PROVIDE A TEMPORARY CHAIN LINK FENCE ENCLOSURE PER SPECIFICATION SECTION 015000.02 IN THIS AREA TO ACCOMMODATE A MINIMUM STAGING AREA OF 20 FT X 30 FT.
2. TRANSPORTATION BUS DROP-OFFS MAY NOT BE INTERRUPTED AT ANY TIME IN THE BUS TURNAROUND AREA. SCHEDULE ALL LARGE DELIVERIES AFTER 6:00 PM TO AVOID POTENTIAL CONFLICTS WITH BUS OPERATION.
3. GENERAL CONTRACTOR STAGING AND LAYDOWN BEYOND THE BUS TURNAROUND STAGING AREA WILL BE LIMITED TO MECHANICAL ROOMS AND WORK AREAS.
4. A 25' X 100' STAGING AREA IS PERMITTED FOR THE DURATION OF THE PROJECT ON THE P1 PARKING LEVEL. PROVIDE A TEMPORARY CHAIN LINK FENCE ENCLOSURE PER SPECIFICATION 015000.02 IN THIS AREA"

RELOCATION & STORAGE OF KITCHEN EQUIPMENT:
1. THE CONTRACTOR IS RESPONSIBLE FOR RELOCATING ALL EQUIPMENT, INCLUDING WORK TABLES, COUNTERS, AND COOKING APPLIANCES. REFER TO THE A-SERIES DRAWINGS FOR PARTICULAR FURNITURE AND EQUIPMENT REQUIRING TEMPORARY RELOCATION. COORDINATE STORAGE LOCATION FOR ALL EQUIPMENT WITH THE DIRECTOR'S REPRESENTATIVE. THE STORAGE LOCATION WILL BE ON SITE.

DUMPSTER LOCATIONS & WASTE MANAGEMENT:
1. PROVIDE ALL WASTE DISPOSAL CONTAINERS.
2. A SMALL WASTE DISPOSAL CONTAINERS MAY BE PLACED IN THE LOGAN'S KITCHEN STAGING AREA.
3. A WASTE DISPOSAL CONTAINERS MAY BE PLACED AT THE SOUTH END OF CORNERSTONE RESTAURANT ON THE PLAZA LEVEL SERVE THAT PHASE OF WORK.
4. CATERING KITCHEN WASTE MAY BE DISPOSED OF IN A WASTE DISPOSAL CONTAINER ON THE P1 LEVEL, WITH THE ELEVATOR ACROSS FROM CATERING LEADING TO THE DESIGNATED AREA OPPOSITE THE LOADING DOCK.

HAZARDOUS MATERIAL ABATEMENT SCHEDULE:
1. HAZMAT ABATEMENT WORK MUST ADHERE TO THE SAME WORK-HOUR RESTRICTIONS AS GENERAL CONSTRUCTION ACTIVITIES.

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT:

CERTIFICATE OF AUTHORIZATION #: 0018644

SAGE ENGINEERING ASSOCIATES, LLP

TO THE BEST OF THE ENGINEER'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATION ARE IN COMPLIANCE WITH THE 2020 ENERGY CONSTRUCTION CODE OF NEW YORK STATE.

TO THE BEST OF THE ENGINEER'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATION ARE IN COMPLIANCE WITH THE 2020 BUILDING CODE OF NEW YORK STATE.

WARNING:

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 A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

STATE OF NEW YORK · DAVID P. LANE · 077492 · LICENSED PROFESSIONAL ENGINEER

REGISTRATION EXPIRES: 02/28/2026

CONTRACT:

CONSTRUCTION

TITLE:
REHABILITATE EXHAUST & PLUMBING, FOOD SERVICE LOCATIONS

LOCATION:
CONCOURSE
EMPIRE STATE PLAZA
ALBANY, NY

CLIENT:
OFFICE OF GENERAL SERVICES

REVISED DRAWING 2025-09-02

MARK	DATE	DESCRIPTION
1	2025-09-02	ADDENDUM 2
	2025-06-13	BID DOCUMENT

PROJECT NUMBER:	47451 - C
DESIGNED BY:	MWM
DRAWN BY:	MWM
FIELD CHECK:	-
APPROVED:	DPL

SHEET TITLE:
SITE ACCESS PLAN

DRAWING NUMBER
G-003

SHEET 3 OF 70

36X24 PLOT SHEET

PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURES

PERSONAL DECONTAMINATION SYSTEM ENCLOSURES SHALL BE CONSTRUCTED AND FUNCTIONAL PRIOR TO COMMENCING THE REMAINDER OF THE PHASE II A REGULATED ABATEMENT WORK AREA PREPARATION ACTIVITIES. WASTE DECONTAMINATION SYSTEM ENCLOSURES SHALL BE CONSTRUCTED AND FUNCTIONAL AT THE COMPLETION OF PHASE II A PREPARATION ACTIVITIES. AFTER INSTALLATION OF THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE, ALL ACCESS TO THE REGULATED ABATEMENT WORK AREA SHALL BE VIA THE INSTALLED PERSONAL DECONTAMINATION SYSTEM ENCLOSURE.

PERSONAL DECONTAMINATION SYSTEM ENCLOSURE—LARGE PROJECT.

(1) ENCLOSURE—GENERAL. A PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SHALL BE PROVIDED OUTSIDE THE REGULATED ABATEMENT WORK AREA AND ATTACHED TO ALL LOCATIONS WHERE PERSONNEL SHALL ENTER OR EXIT THE REGULATED ABATEMENT WORK AREA. ONE PERSONAL DECONTAMINATION ENCLOSURE SYSTEM FOR EACH REGULATED ABATEMENT WORK AREA SHALL BE REQUIRED. THIS SYSTEM MAY UTILIZE ADEQUATE EXISTING LIGHTING SOURCES SEPARATE FROM THE DECONTAMINATION SYSTEM ENCLOSURE, OR SHALL BE SUPPLIED WITH A GFCI PROTECTED TEMPORARY LIGHTING SYSTEM. THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SHALL BE SIZED TO ACCOMMODATE THE NUMBER OF WORKERS AND EQUIPMENT REQUIRED FOR THE INTENDED PURPOSE. SUCH SYSTEM MAY CONSIST OF EXISTING ATTACHED ROOMS OUTSIDE OF THE REGULATED ABATEMENT WORK AREA, IF THE LAYOUT IS APPROPRIATE, THAT CAN BE PLASTICIZED AND ARE ACCESSIBLE FROM THE REGULATED ABATEMENT WORK AREA. WHEN THIS SITUATION DOES NOT EXIST, PERSONAL DECONTAMINATION ENCLOSURE SYSTEMS MAY BE CONSTRUCTED OF METAL, WOOD OR PLASTIC SUPPORTS COVERED WITH FIRE- RETARDANT PLASTIC SHEETING. A MINIMUM OF ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING SHALL BE INSTALLED ON THE CEILING, AND WALLS OF THE ENCLOSURE SYSTEM. AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THIS AREA. THIS SYSTEM MUST BE KEPT CLEAN, SANITARY AND CLIMATE CONTROLLED AT ALL TIMES IN CONFORMANCE WITH ALL FEDERAL, STATE AND LOCAL GOVERNMENT REQUIREMENTS. THIS SYSTEM SHALL REMAIN ON-SITE, OPERATIONAL AND BE USED UNTIL COMPLETION OF PHASE II C OF THE ASBESTOS PROJECT.

(2) ROOMS AND CONFIGURATION. THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SHALL CONSIST OF A CLEAN ROOM, A SHOWER ROOM AND AN EQUIPMENT ROOM CONNECTED IN SERIES BUT SEPARATED FROM EACH OTHER BY AIRLOCKS. THERE SHALL BE A CURTAINED DOORWAY SEPARATION BETWEEN THE EQUIPMENT ROOM AND THE REGULATED ABATEMENT WORK AREA, AND THERE SHALL BE A LOCKABLE DOOR TO THE OUTSIDE. MINIMUM DIMENSIONS FOR EACH AIRLOCK, SHOWER ROOM AND EQUIPMENT ROOM SHALL BE THREE FEET WIDE BY SIX FEET IN HEIGHT, TO ALLOW FOR ADEQUATE ACCESS TO AND FROM THE REGULATED ABATEMENT WORK AREA.

(3) CURTAINED DOORWAY. AN ASSEMBLY WHICH CONSISTS OF AT LEAST THREE OVERLAPPING SHEETS OF SIX MIL FIRE-RETARDANT PLASTIC OVER AN EXISTING OR TEMPORARILY FRAMED DOORWAY. ONE SHEET SHALL BE SECURED AT THE TOP AND LEFT SIDE, THE SECOND SHEET AT THE TOP AND RIGHT SIDE, AND THE THIRD SHEET AT THE TOP AND LEFT SIDE. ALL SHEETS SHALL HAVE WEIGHTS ATTACHED TO THE BOTTOM TO INSURE THAT THE SHEETS HANG STRAIGHT AND MAINTAIN A SEAL OVER THE DOORWAY WHEN NOT IN USE.

(4) FRAMING. ENCLOSURE SYSTEMS ACCESSIBLE TO THE PUBLIC SHALL BE FULLY FRAMED, HARD-WALL SHEATHED AND UTILIZE A LOCKABLE DOOR FOR SAFETY AND SECURITY.

(5) SHEATHING. A PLYWOOD OR ORIENTED STRAND BOARD (OSB) SHEATHING MATERIAL OF AT LEAST ⅜ -INCH THICKNESS.

(6) PLASTIC SHEETING. ENCLOSURE SYSTEMS CONSTRUCTED AT THE WORK SITE SHALL USE AT LEAST ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING ON WALLS AND CEILING. AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOOR PROTECTION OF THIS AREA.

(7) PREFABRICATED OR TRAILER UNITS. A COMPLETELY WATERTIGHT FIBERGLASS OR MARINE PAINTED PREFABRICATED UNIT DOES NOT REQUIRE PLASTICIZING. ROOMS SHALL BE CONFIGURED AS PER NYCRR PART 56-7.5. ALL PREFABRICATED OR TRAILER DECONTAMINATION UNITS SHALL BE KEPT IN GOOD CONDITION, AND SHALL BE COMPLETELY DECONTAMINATED AFTER FINAL CLEANING AND IMMEDIATELY PRIOR TO CLEARANCE AIR SAMPLING. UPON RECEIVING SATISFACTORY CLEARANCE AIR RESULTS, THE PREFABRICATED UNITS SHALL BE SEALED THEN SEPARATED FROM THE REGULATED ABATEMENT WORK AREA AND REMOVED FROM THE SITE.

(8) CLEAN ROOM. THE CLEAN ROOM SHALL BE SIZED TO ACCOMMODATE A FULL WORKSHIFT OF ASBESTOS ABATEMENT CONTRACTOR PERSONNEL, AS WELL AS THE AIR SAMPLING TECHNICIAN AND THE PROJECT MONITOR. THE CLEAN ROOM SHALL BE A MINIMUM OF SIX FEET IN HEIGHT. A MINIMUM OF 32 SQUARE FEET OF FLOOR SPACE SHALL BE PROVIDED FOR EVERY SIX FULL SHIFT ABATEMENT WORKERS, CALCULATED ON THE BASIS OF THE LARGEST WORK SHIFT. IF THE LARGEST WORK SHIFT CONSISTS OF THREE OR LESS FULL SHIFT ABATEMENT WORKERS, THE MINIMUM CLEAN ROOM SIZE REQUIREMENT IS REDUCED TO 24 SQUARE FEET OF FLOOR SPACE. BENCHES, LOCKERS AND HOOKS SHALL BE PROVIDED FOR STREET CLOTHES. SHELVES FOR STORING RESPIRATORS SHALL BE PROVIDED. CLEAN CLOTHING, REPLACEMENT FILTERS FOR RESPIRATORS, TOWELS AND OTHER NECESSARY ITEMS SHALL BE PROVIDED. THE CLEAN ROOM SHALL NOT BE USED FOR STORAGE OF TOOLS, EQUIPMENT OR MATERIALS. IT SHALL NOT BE USED FOR OFFICE SPACE. A LOCKABLE DOOR SHALL BE PROVIDED TO PERMIT ACCESS TO THE CLEAN ROOM FROM OUTSIDE THE REGULATED ABATEMENT WORK AREA OR ENCLOSURE AND SHALL BE USED TO SECURE THE REGULATED ABATEMENT WORK AREA AND DECONTAMINATION ENCLOSURE DURING NON-WORK HOURS.

(9) SHOWER ROOM. THE SHOWER ROOM SHALL CONTAIN ONE SHOWER PER EVERY SIX FULL SHIFT ABATEMENT WORKERS, CALCULATED ON THE BASIS OF THE LARGEST WORK SHIFT. MULTIPLE SHOWERS SHALL BE SIMULTANEOUSLY ACCESSIBLE (INSTALLED IN PARALLEL) TO CERTIFIED PERSONNEL. EACH SHOWERHEAD SHALL BE SUPPLIED WITH HOT AND COLD WATER ADJUSTABLE AT THE TAP. THE SHOWER ENCLOSURE SHALL BE CONSTRUCTED TO ENSURE AGAINST LEAKAGE OF ANY KIND. UNCONTAMINATED SOAP, SHAMPOO AND TOWELS SHALL BE AVAILABLE AT ALL TIMES. SHOWER WATER SHALL BE DRAINED, COLLECTED AND FILTERED THROUGH A SYSTEM WITH AT LEAST 5.0-MICRON PARTICLE SIZE COLLECTION CAPABILITY. SUBMERSIBLE PUMPS SHALL BE INSTALLED, MAINTAINED AND UTILIZED IN ACCORDANCE WITH PERTINENT OSHA REGULATIONS AND MANUFACTURER'S RECOMMENDATIONS. A MULTI-STAGE FILTERING SYSTEM CONTAINING A SERIES OF SEVERAL FILTERS WITH PROGRESSIVELY SMALLER PORE SIZES SHALL BE USED TO AVOID RAPID CLOGGING OF THE FILTERING SYSTEM BY LARGER PARTICLES. FILTERED WASTEWATER SHALL BE DISCHARGED IN ACCORDANCE WITH APPLICABLE CODES. CONTAMINATED FILTERS SHALL BE DISPOSED OF AS ASBESTOS-CONTAMINATED WASTE.

(10) EQUIPMENT ROOM. THE EQUIPMENT ROOM SHALL BE USED FOR THE STORAGE OF DECONTAMINATED EQUIPMENT AND TOOLS. A ONE-DAY SUPPLY OF REPLACEMENT FILTERS FOR HEPA-VACUUMS AND NEGATIVE PRESSURE VENTILATION EQUIPMENT IN SEALED CONTAINERS, EXTRA TOOLS, CONTAINERS OF SURFACTANT AND OTHER MATERIALS AND EQUIPMENT THAT MAY BE REQUIRED DURING THE ABATEMENT PROJECT MAY ALSO BE STORED HERE. A CONTAINER LINED WITH A LABELED, AT LEAST SIX MIL PLASTIC BAG FOR COLLECTION OF CLOTHING SHALL BE LOCATED IN THIS ROOM. CONTAMINATED FOOTWEAR AND WORK CLOTHES SHALL BE STORED IN THIS AREA.

(11) AIRLOCKS. AIRLOCK CONSTRUCTION SHALL CONSIST OF TWO CURTAINED DOORWAYS WITH THREE ALTERNATING SIX MIL FIRE-RETARDANT POLYETHYLENE CURTAINS PER DOORWAY, SEPARATED BY A DISTANCE OF AT LEAST THREE FEET, SUCH THAT ONE PASSES THROUGH ONE DOORWAY INTO THE AIRLOCK, ALLOWING THE DOORWAY SHEETING TO OVERLAP AND CLOSE OFF THE OPENING BEFORE PROCEEDING THROUGH THE NEXT DOORWAY. MINIMUM AIRLOCK SIZE SHALL BE THREE FEET WIDE, BY THREE FEET LONG, BY SIX FEET IN HEIGHT.

PERSONAL DECONTAMINATION SYSTEM ENCLOSURE—SMALL PROJECT.

(1) ENCLOSURE REQUIREMENTS. A PERSONAL DECONTAMINATION SYSTEM ENCLOSURE FOR A SMALL ASBESTOS PROJECT SHALL CONSIST OF, AT A MINIMUM, AN EQUIPMENT ROOM, A SHOWER ROOM AND A CLEAN ROOM SEPARATED FROM EACH OTHER AND FROM THE REGULATED ABATEMENT WORK AREA AND OTHER AREAS BY CURTAINED DOORWAYS AS DEFINED IN SECTION 56-2.1 OF NYCRR PART 56. ALL OTHER PROVISIONS FOR PERSONAL DECONTAMINATION SYSTEM FOR A LARGE ASBESTOS PROJECT SHALL APPLY. EQUIPMENT STORAGE, PERSONAL GROSS DECONTAMINATION AND REMOVAL OF CLOTHING SHALL OCCUR IN THE EQUIPMENT ROOM JUST PRIOR TO ENTERING THE SHOWER. THE FULL PERSONAL DECONTAMINATION SYSTEM ENCLOSURE SPECIFIED FOR LARGE ASBESTOS PROJECTS IS RECOMMENDED.

REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE.

IF A PERSONAL DECONTAMINATION SYSTEM CANNOT BE ATTACHED TO THE REGULATED ABATEMENT WORK AREA, DUE TO AVAILABLE SPACE RESTRICTIONS OR OTHER BUILDING AND FIRE CODE RESTRICTIONS, A REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE MAY BE USED FOR LIMITED SPECIAL PROJECTS AS PER SUBPART 56-11 OF NYCRR PART 56, NEGATIVE PRESSURE TENT ENCLOSURE WORK AREAS WITH GLOVEBAG ONLY ABATEMENT, OR IF NON-FRIABLE ACM IS BEING REMOVED IN A MANNER WHICH WILL NOT RENDER THE ACM FRIABLE. IF IT IS FOUND DURING PHASE II B, THAT THE NON-FRIABLE ACM OR ASBESTOS MATERIAL WILL BECOME FRIABLE DURING THE REMOVAL PROCESS, AND IT IS LOGISTICALLY POSSIBLE TO ATTACH THE DECONTAMINATION SYSTEM ENCLOSURE, ABATEMENT WORK MUST STOP IMMEDIATELY WHILE THE REMOTE PERSONAL DECONTAMINATION SYSTEM IS RELOCATED TO BE ATTACHED AND CONTIGUOUS TO THE REGULATED ABATEMENT WORK AREA. THE FOLLOWING REQUIREMENTS APPLY FOR ALL REMOTE PERSONAL DECONTAMINATION SYSTEMS:

(1) PROTECTIVE CLOTHING. WORKERS SHALL DON TWO SETS OF DISPOSABLE PROTECTIVE CLOTHING AND A SUPPLY OF PROTECTIVE CLOTHING SHALL BE KEPT IN THE AIRLOCKS ATTACHED TO THE REGULATED ABATEMENT WORK AREA.

(2) LOCATION. THE REMOTE PERSONAL DECONTAMINATION SYSTEM SHALL BE CONSTRUCTED AS CLOSE TO THE REGULATED ABATEMENT WORK AREA AS PHYSICALLY POSSIBLE. IF THE REMOTE PERSONAL DECONTAMINATION SYSTEM MUST BE LOCATED AT THE EXTERIOR OF THE BUILDING/STRUCTURE DUE TO SPACE OR CODE RESTRICTIONS, IT SHALL BE CONSTRUCTED WITHIN 50 FEET OF THE BUILDING/STRUCTURE EXIT USED FOR ACCESS BY THE ASBESTOS ABATEMENT CONTRACTOR PERSONNEL. THE DECONTAMINATION UNIT SHALL BE CORDONED OFF AT A DISTANCE OF 25 FEET TO SEPARATE IT FROM PUBLIC AREAS.

(3) AIRLOCKS. AT A MINIMUM, TWO EXTRA AIRLOCKS AS DEFINED IN SECTION 56-2.1 OF NYCRR PART 56 SHALL BE CONSTRUCTED AS PER PARAGRAPH (B)(11) OF SECTION 56-7.5. ONE SHALL BE CONSTRUCTED AT THE ENTRANCE TO THE EQUIPMENT ROOM OR EQUIPMENT/WASHROOM. THE OTHER EXTRA AIRLOCK SHALL BE CONSTRUCTED AT THE ENTRANCE TO THE CONTAINMENT OR REGULATED ABATEMENT WORK AREA(S). THESE AIRLOCKS SHALL HAVE LOCKABLE DOORWAYS AT THE ENTRANCE TO THE AIRLOCK FROM UNCONTAMINATED AREAS. THESE AIRLOCKS SHALL BE CORDONED OFF AT A DISTANCE OF 25 FEET AND APPROPRIATELY SIGNED IN ACCORDANCE WITH SECTION 56-7.4(C) OF NYCRR PART 56. AIRLOCKS SHALL NOT BE USED AS A WASTE DECONTAMINATION AREA AND SHALL BE KEPT CLEAN AND FREE OF ASBESTOS CONTAINING MATERIAL.

(4) DESIGNATED PATHWAY. THE WALKWAY FROM THE REGULATED ABATEMENT WORK AREA TO THE PERSONAL DECONTAMINATION SYSTEM OR NEXT REGULATED ABATEMENT WORK AREA SHALL BE CORDONED OFF AND SIGNAGE INSTALLED AS PER SECTION 56-7.4(C) OF NYCRR PART 56, TO DELINEATE IT FROM PUBLIC AREAS WHILE IN USE DURING PHASES II A THROUGH II D.

(5) TRAVEL THROUGH UNCONTAMINATED AREAS. IF AT ANY TIME A WORKER MUST TRAVEL THROUGH AN UNCONTAMINATED AREA TO ACCESS THE PERSONAL DECONTAMINATION AREA, THE WORKER SHALL HEPA-VACUUM

AND/OR WET WIPE HIS/HER OUTER PROTECTIVE CLOTHING WHILE IN THE REGULATED ABATEMENT WORK AREA,

THEN PROCEED INTO THE AIRLOCK, WHICH SERVES AS A CHANGING AREA, WHERE HE/SHE SHALL REMOVE THE OUTER CLOTHING AND DON A CLEAN SET OF PROTECTIVE CLOTHING. THE WORKER MAY THEN PROCEED TO THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE ONLY ALONG A DESIGNATED PATHWAY AS DESCRIBED ABOVE. TRAVEL IN ANY OTHER AREA SHALL NOT BE ALLOWED.

(6) REMOVAL. THE REMOTE PERSONAL DECONTAMINATION UNIT SHALL BE REMOVED ONLY AFTER SATISFACTORY CLEARANCE AIR SAMPLING RESULTS HAVE BEEN ACHIEVED.

WASTE DECONTAMINATION SYSTEM ENCLOSURE—LARGE AND SMALL ASBESTOS PROJECTS.

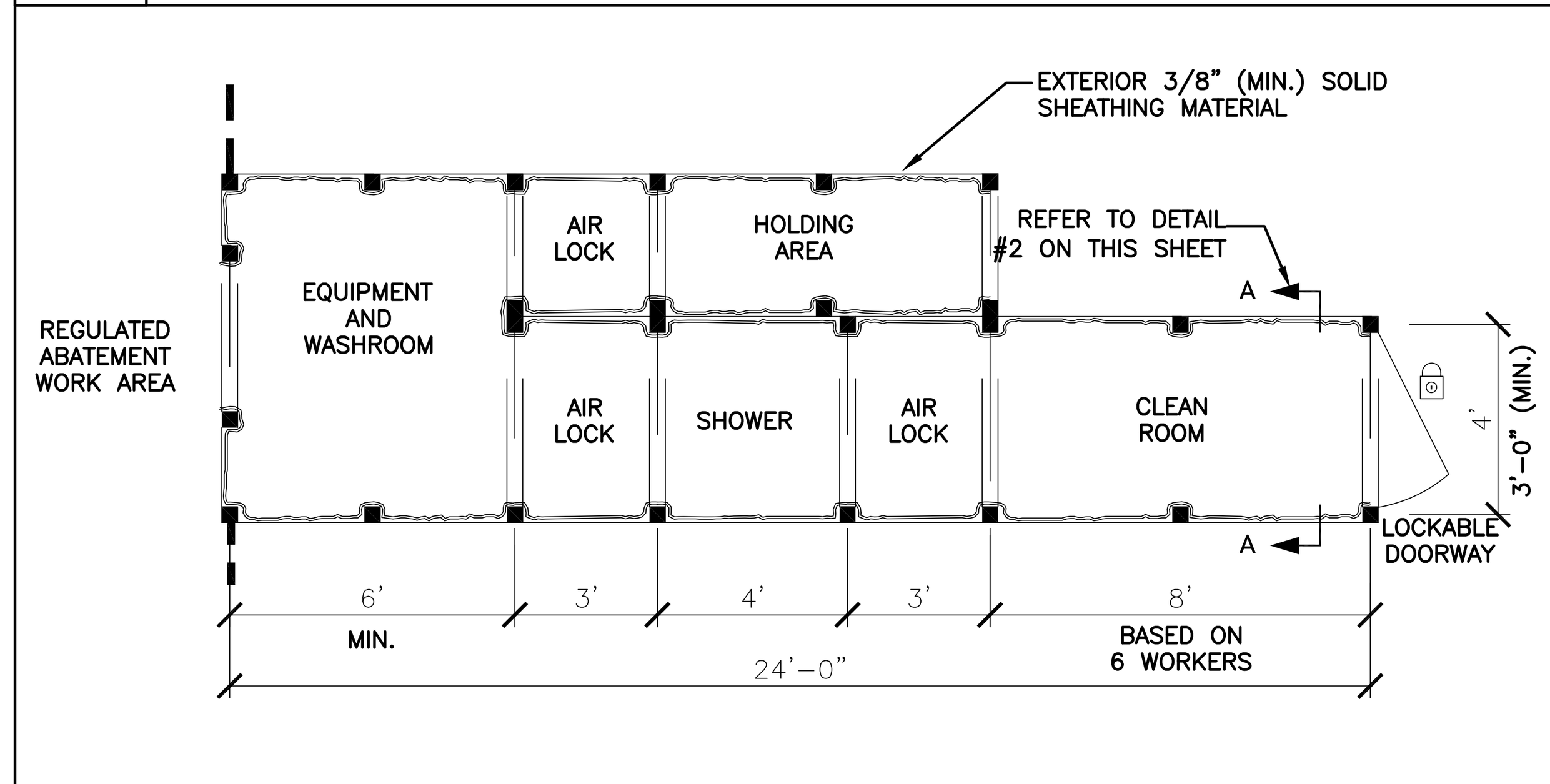
(1) ENCLOSURE—GENERAL. A WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL BE PROVIDED OUTSIDE THE REGULATED ABATEMENT WORK AREA AND SHALL BE ATTACHED TO THE REGULATED ABATEMENT WORK AREA. ONE WASTE DECONTAMINATION ENCLOSURE FOR EACH REGULATED ABATEMENT WORK AREA SHALL BE REQUIRED. THIS SYSTEM MAY UTILIZE ADEQUATE EXISTING LIGHTING SOURCES SEPARATE FROM THE DECONTAMINATION SYSTEM ENCLOSURE, OR SHALL BE SUPPLIED WITH A GFCI PROTECTED TEMPORARY LIGHTING SYSTEM. THE WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL BE SIZED TO ACCOMMODATE THE NUMBER OF WORKERS AND EQUIPMENT FOR THE INTENDED PURPOSE. SUCH SYSTEM MAY CONSIST OF EXISTING ATTACHED ROOMS OUTSIDE OF THE REGULATED ABATEMENT WORK AREA, IF THE LAYOUT IS APPROPRIATE, THAT CAN BE PLASTICIZED AND ARE ACCESSIBLE FROM THE REGULATED ABATEMENT WORK AREA. WHEN THIS SITUATION DOES NOT EXIST, ENCLOSURE SYSTEMS MAY BE CONSTRUCTED OF METAL, WOOD OR PLASTIC SUPPORTS COVERED WITH FIRE-RETARDANT PLASTIC SHEETING. A MINIMUM OF ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING SHALL BE INSTALLED ON THE CEILING, AND WALLS OF THE ENCLOSURE SYSTEM. AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THIS AREA. THIS SYSTEM MUST BE KEPT CLEAN, SANITARY AND CLIMATE CONTROLLED AT ALL TIMES IN CONFORMANCE TO ALL FEDERAL, STATE AND LOCAL GOVERNMENT REQUIREMENTS. THIS SYSTEM SHALL REMAIN AND BE USED UNTIL COMPLETION OF PHASE II C OF THE ASBESTOS PROJECT.

(2) ROOMS AND CONFIGURATION. A WASTE DECONTAMINATION SYSTEM ENCLOSURE SHALL CONSIST OF A WASHROOM AND A HOLDING AREA CONNECTED IN SERIES BUT SEPARATED FROM EACH OTHER BY AN AIRLOCK. THERE SHALL BE A LOCKABLE DOOR TO THE OUTSIDE, AND THERE SHALL BE A CURTAINED DOORWAY BETWEEN THE WASHROOM AND THE REGULATED ABATEMENT WORK AREA.

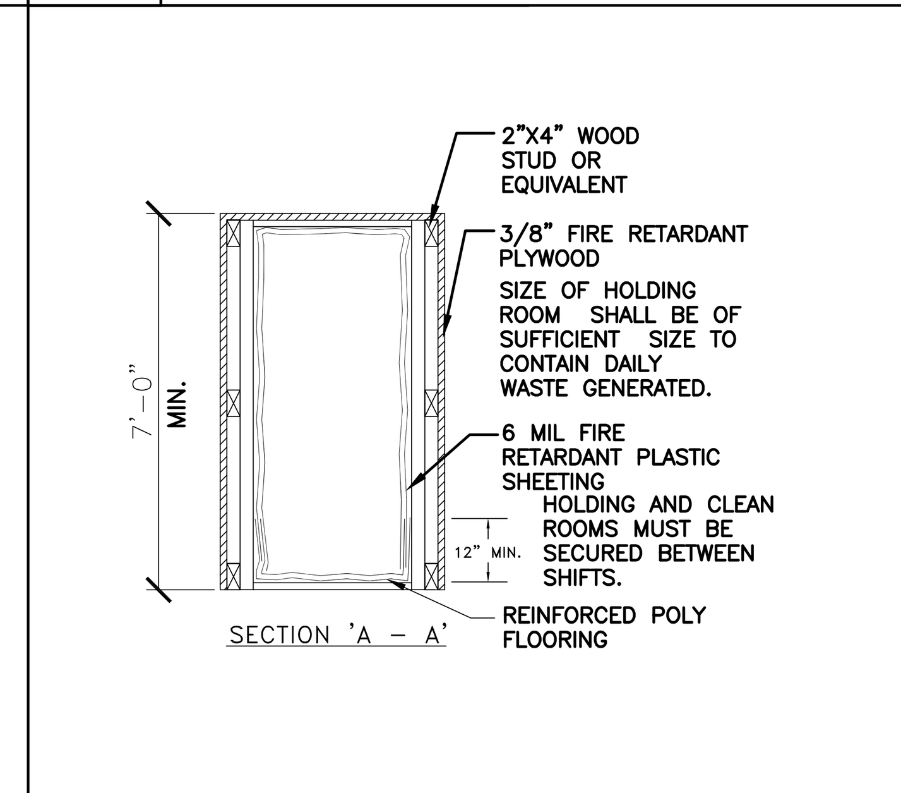
(3) CURTAINED DOORWAY. AN ASSEMBLY WHICH CONSISTS OF AT LEAST THREE OVERLAPPING SHEETS OF SIX MIL FIRE-RETARDANT PLASTIC OVER AN EXISTING OR TEMPORARILY FRAMED DOORWAY. ONE SHEET SHALL BE SECURED AT THE TOP AND LEFT SIDE, THE SECOND SHEET AT THE TOP AND RIGHT SIDE, AND THE THIRD SHEET AT THE TOP AND LEFT SIDE. ALL SHEETS SHALL HAVE WEIGHTS ATTACHED TO THE BOTTOM TO INSURE THAT THE SHEETS HANG STRAIGHT AND MAINTAIN A SEAL OVER THE DOORWAY WHEN NOT IN USE.

36X24 PLOT SHEET

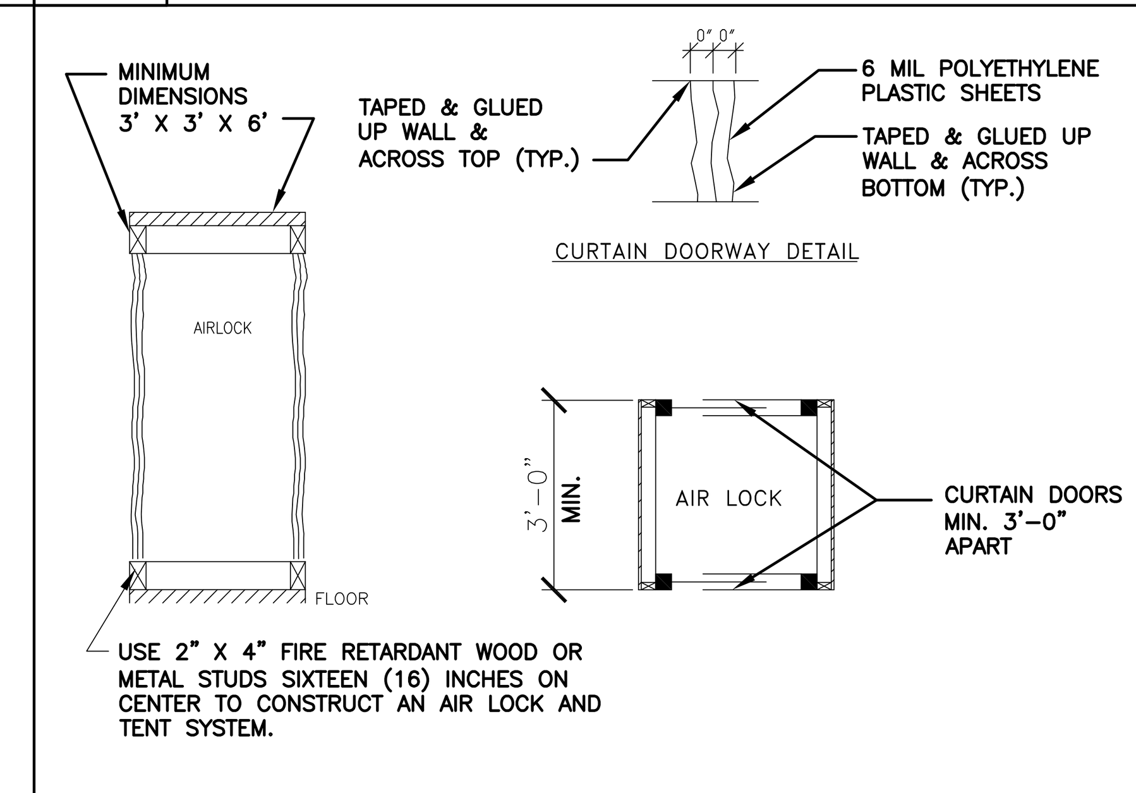
A — PARALLEL PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURES LARGE ASBESTOS PROJECT



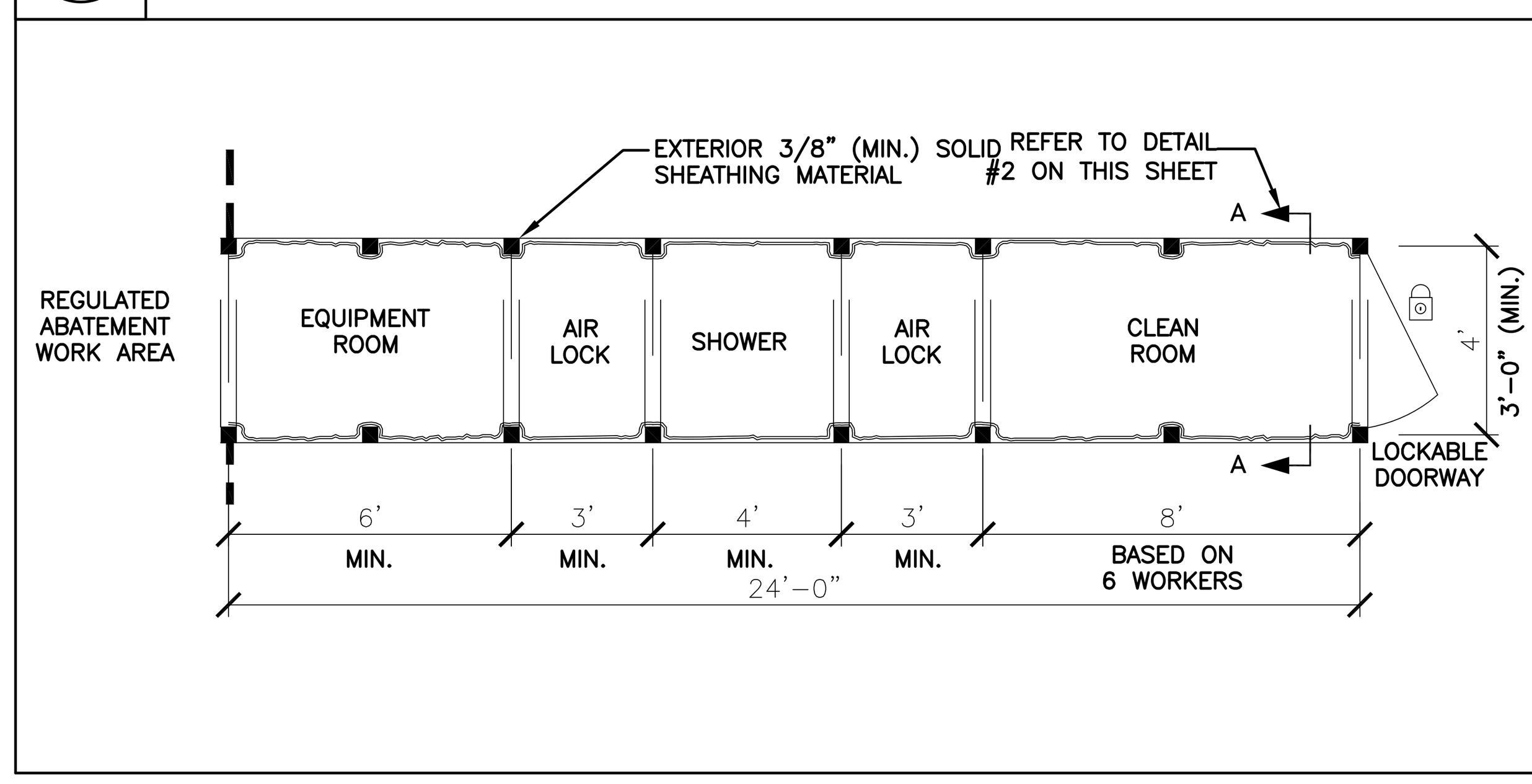
B — PERSONAL DECONTAMINATION ENCLOSURE LARGE SCALE



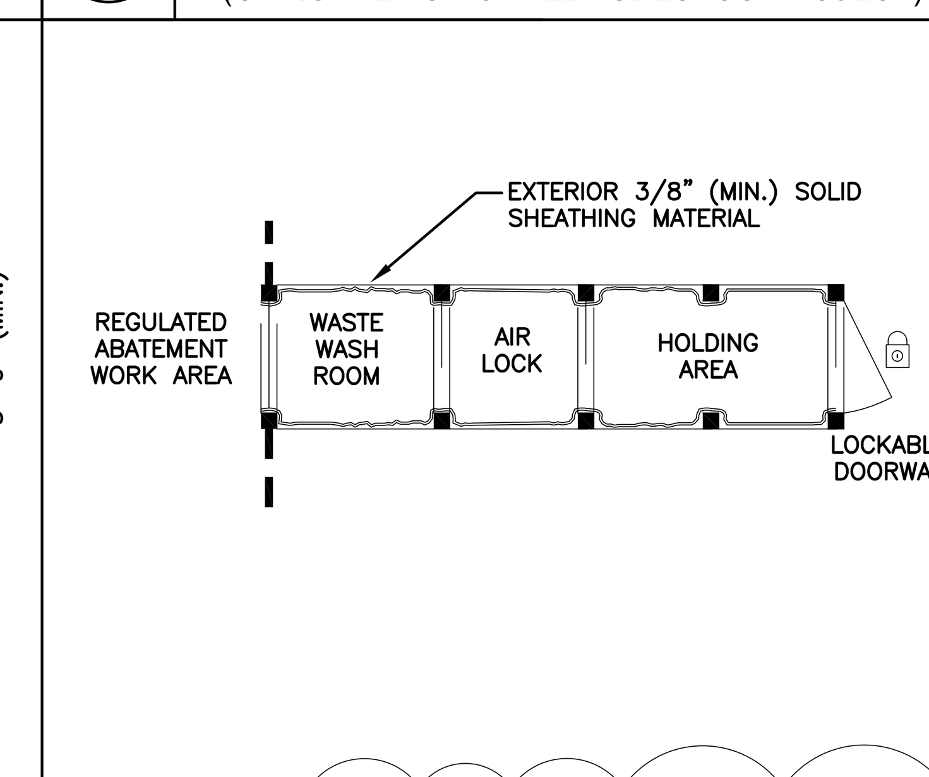
C — CROSS SECTION OF AIRLOCK / PLAN OF AIRLOCK — TYPICAL AIR LOCK DETAIL



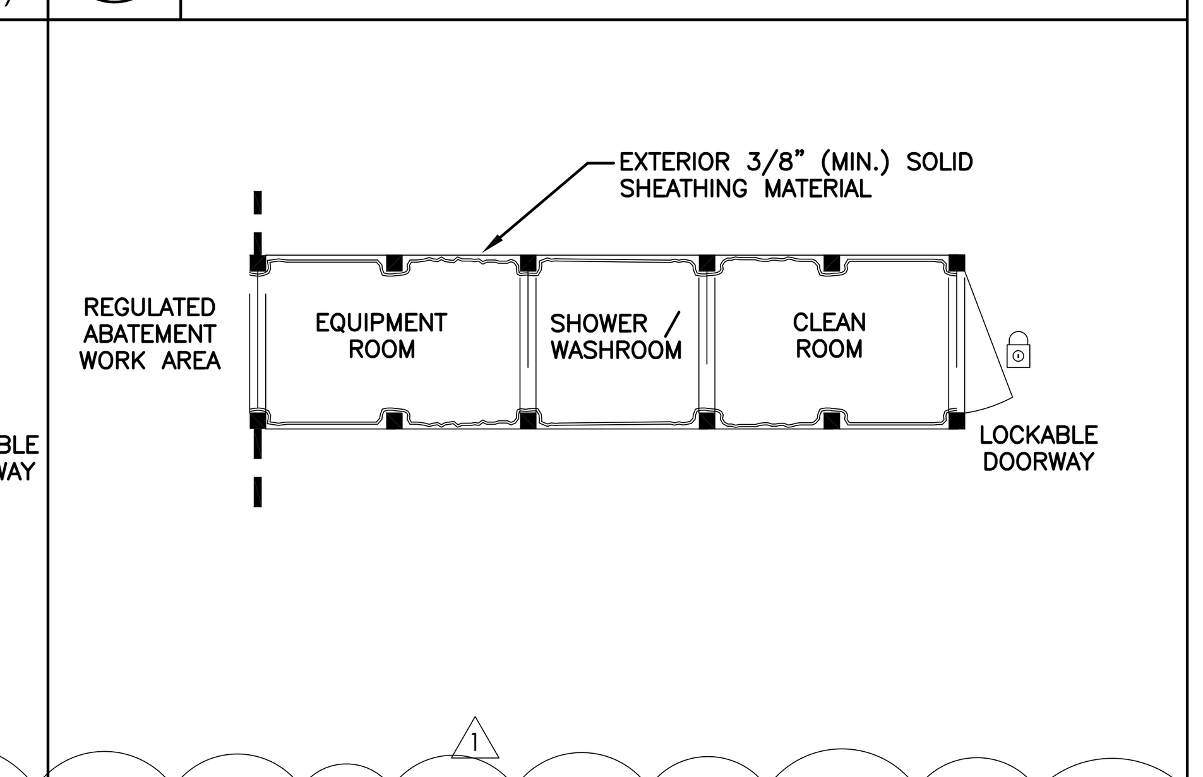
D — PERSONAL DECONTAMINATION SYSTEM ENCLOSURES LARGE ASBESTOS PROJECT



E — WASTE DECONTAMINATION SYSTEM ENCLOSURE - LARGE ASBESTOS PROJECT (OPTIONAL FOR SMALL ASBESTOS PROJECT)



F — PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURE FOR A SMALL ASBESTOS PROJECT



(4) WASHROOM. A ROOM/CHAMBER BETWEEN THE REGULATED ABATEMENT WORK AREA AND THE HOLDING AREA IN THE WASTE DECONTAMINATION SYSTEM ENCLOSURE, WHERE EQUIPMENT AND WASTE CONTAINERS ARE WET CLEANED OR HEPA-VACUUMED. ADEQUATE DRAINAGE AND BAG/CONTAINER WASH WATER SHALL BE PROVIDED WITHIN THE ROOM/CHAMBER, AS WELL AS A SUFFICIENT QUANTITY OF CLEAN WASTE BAGS/CONTAINERS.

(5) EQUIPMENT/WASHROOM ALTERNATIVE. WHERE THERE IS ONLY ONE EXIT FROM THE REGULATED ABATEMENT WORK AREA, THE HOLDING AREA OF THE WASTE DECONTAMINATION SYSTEM ENCLOSURE MAY BRANCH OFF FROM THE EQUIPMENT ROOM OF THE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE. THE EQUIPMENT ROOM WILL ALSO BE USED AS A WASTE WASHROOM.

(6) PLASTIC SHEETING. WASTE DECONTAMINATION SYSTEM ENCLOSURES CONSTRUCTED AT THE WORK SITE SHALL USE AT LEAST ONE LAYER OF SIX MIL FIRE-RETARDANT PLASTIC SHEETING ON WALLS AND CEILING. AT LEAST TWO LAYERS OF SIX MIL FIRE-RETARDANT REINFORCED PLASTIC SHEETING SHALL BE USED FOR FLOORING PROTECTION OF THESE AREAS.

(7) ENCLOSURE SECURITY. THE WASTE DECONTAMINATION SYSTEM ENCLOSURE AND REGULATED ABATEMENT WORK AREA AIRLOCK(S) (WHEN REMOTE DECONTAMINATION SYSTEMS ARE USED) SHALL BE CONSTRUCTED WITH LOCKABLE DOORS TO PREVENT UNAUTHORIZED ENTRY. ENCLOSURE SYSTEMS LOCATED WITHIN 25 FEET OF AN AREA OF PUBLIC ACCESS SHALL BE FULLY FRAMED AND HARD-WALL SHEATHED FOR SAFETY.

(8) DRAINS. THE WASTE WASHROOM SHALL BE EQUIPPED WITH A WASH BIN OF SUFFICIENT SIZE TO PERFORM WASTE CONTAINER WASHING OPERATIONS AND SHALL HAVE A SUBMERSIBLE PUMP INSTALLED TO COLLECT WASTE WATER AND DELIVER IT TO THE SHOWER WASTEWATER FILTRATION SYSTEM WHERE IT SHALL BE FILTERED IN ACCORDANCE WITH PARAGRAPH (B)(9) OF NYCRR PART 56-7.5.

(9) SHOWER/WASHROOM ALTERNATIVE — SMALL ASBESTOS PROJECT. FOR SMALL ASBESTOS PROJECTS WITH ONLY ONE EXIT FROM THE REGULATED ABATEMENT WORK AREA, THE SHOWER ROOM MAY BE USED AS A WASTE WASHROOM. THE CLEAN ROOM SHALL NOT BE USED FOR WASTE STORAGE, BUT SHALL BE USED FOR WASTE TRANSFER TO CARTS, WHICH SHALL BE IMMEDIATELY REMOVED FROM THE ENCLOSURE. WASTE SHALL BE TRANSFERRED ONLY DURING TIMES WHEN THE SHOWERS ARE NOT IN USE.

WASTE DECONTAMINATION SYSTEM ENCLOSURE — WHEN REMOTE PERSONAL IS ALLOWED.

WHEN A REMOTE PERSONAL DECONTAMINATION SYSTEM ENCLOSURE IS ALLOWED AND UTILIZED FOR A REGULATED ABATEMENT WORK AREA, THE FOLLOWING REQUIREMENTS SHALL APPLY:

(1) MINOR SIZE REGULATED ABATEMENT WORK AREA. NO SPECIFIC WASTE DECONTAMINATION SYSTEM ENCLOSURE IS REQUIRED FOR MINOR SIZE REGULATED ABATEMENT WORK AREAS. THE WASTE GENERATED SHALL BE IMMEDIATELY BAGGED/CONTAINERIZED WITHIN THE REGULATED ABATEMENT WORK AREA.

(2) SMALL AND LARGE SIZE REGULATED ABATEMENT WORK AREAS.

(I) WASHROOM. AN ADDITIONAL CHAMBER SHALL BE CONSTRUCTED WITHIN THE REGULATED ABATEMENT WORK AREA, ATTACHED TO THE EXISTING AIRLOCK USED TO ACCESS THE WORK AREA. THE WASHROOM/AIRLOCK COMBINATION SHALL BE UTILIZED AS THE CONTIGUOUS WASTE DECONTAMINATION ENCLOSURE FOR WASTE BAGGING/CONTAINERIZATION AND WASTE TRANSFER ACTIVITIES. THE WASHROOM SHALL BE CONSTRUCTED AND SUPPLIED WITH EQUIPMENT/MATERIALS CONSISTENT WITH WASTE DECONTAMINATION SYSTEM ENCLOSURE WASHROOM REQUIREMENTS FOR CONTIGUOUS PERSONAL AND WASTE DECONTAMINATION SYSTEM ENCLOSURES.

(II) REMOVAL. THE WASHROOM CHAMBER SHALL BE REMOVED ONLY AFTER SATISFACTORY CLEARANCE AIR SAMPLING RESULTS HAVE BEEN ACHIEVED.

HAZARDOUS MATERIAL ABATEMENT KEYNOTES		QTY.
CORNERSTONE		
AA1	REMOVE AND DISPOSE OF SEAM SEALANTS AND GASKETS ON DUCTWORK FLANGES/JOINTS	24 SQ. FT.
AA2	NOT USED	
AA3	NOT USED	
CONCOURSE (CATERING KITCHEN)		
AA4	REMOVE AND DISPOSE OF VIBRATION CLOTH ON DUCTWORK & BLACK SEALANT ON DUCTWORK FLANGES	8 SQ. FT CLOTH & 8 SQ. FT OF SEALANT
AA5	REMOVE AND DISPOSE OF ROPE GASKETS ON DUCTWORK FLANGES	50 SQ. FT. OF GASKET
AA6	REMOVE AND DISPOSE OF ELECTRICAL WIRING ON MECH. UNIT FAN MOTOR AFTER THE SAME HAS BEEN DISCONNECTED FROM ITS POWER SOURCE BY A LICENSED ELECTRICIAN. RE: NOTE 15	50 LIN. FT.
AA7	NOT USED	
PLAZA (LOGAN KITCHEN)		
AA8	REMOVE AND DISPOSE OF ROPE GASKET & BLACK SEALANT ON DUCTWORK FLANGES	4 SQ. FT ROPE & 8 SQ. FT OF SEALANT
AA9	REMOVE AND DISPOSE OF ELECTRICAL WIRING ON MECH. UNIT FAN MOTOR AFTER THE SAME HAS BEEN DISCONNECTED FROM ITS POWER SOURCE BY A LICENSED ELECTRICIAN. RE: NOTE 15	50 LIN. FT.
AA10	REMOVE AND DISPOSE OF LIGHT FIXTURES AND ASSOCIATED ELECTRICAL WIRING AFTER THE SAME HAS BEEN DISCONNECTED FROM ITS POWER SOURCE BY A LICENSED ELECTRICIAN. RE: NOTE 15	15 LIN. FT. / (3) 2'X2' FIXTURES & (2) RECESSED FIXTURES

GENERAL ABATEMENT NOTES:

1. SPECIFICATION SECTION 028213 AND THE ABATEMENT LEGEND LIST APPROXIMATE QUANTITIES FOR REMOVAL, BUT THE CONTRACTOR ALONE IS RESPONSIBLE FOR DETERMINING THE ACTUAL ABATEMENT QUANTITIES.
2. ALL ASBESTOS ABATEMENT WORK SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028213.
3. ALL LEAD HANDLING WORK SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028304.
4. THIS FACILITY WILL BE OCCUPIED DURING CONSTRUCTION WORK.
5. SHUT DOWN AND ISOLATE EXISTING MECHANICAL EQUIPMENT SYSTEMS TO PREVENT CONTAMINATION AND DISPERSAL TO OTHER AREAS IN THE BUILDING. COORDINATE WITH THE DIRECTOR'S REPRESENTATIVE.
6. ALL SCHEDULED ABATEMENT WORK SHALL BE COORDINATED WITH THE DIRECTOR'S REPRESENTATIVE. FOLLOW ALL RULES AND REGULATIONS OF NYS ICR 56, EPA, OSHA AND OTHER APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS DURING THE ENTIRE PROJECT.
7. ATTEND A PRE-WORK CONFERENCE AND PROVIDE A DETAILED ABATEMENT WORK PLAN FOR REVIEW.
8. BE RESPONSIBLE FOR ON-SITE SAFETY AND SECURITY OF EMPLOYEES DURING ALL HAZARDOUS REMOVAL ACTIVITIES. ASSUME RESPONSIBILITY FOR PROCEEDING WITH THE WORK IN A MANNER THAT OFFERS EMPLOYEES A WORKPLACE FREE FROM RECOGNIZED HAZARDS CAUSING SERIOUS HEALTH, HARM OR INJURY.
9. PROVIDE TO THE DIRECTOR'S REPRESENTATIVE ALL WASTE TRANSPORTER PERMITS, WASTE DISPOSAL RECEIPTS AND THE CONTRACTORS POST ABATEMENT REPORT. SEE THE CLOSEOUT SUBMITTAL SECTION IN EACH OF THE ABATEMENT SPEC SECTIONS FOR DETAILS.
10. VERIFY THAT LANDFILL ACCEPTS ALL TYPES OF HAZARDOUS MATERIALS WITHIN PROJECTS SCOPE OF WORK.
11. ANY REMOVAL WORK OR ANY OTHER WORK IN THESE AREAS SHALL COMMENCE ONLY AFTER THE HAZARDOUS MATERIAL REMOVAL WORK IS COMPLETED AND ONLY AFTER THE NECESSARY CLEARANCES ARE OBTAINED.
12. UPON COMPLETION OF HAZARDOUS MATERIAL REMOVALS WORK, ANY EXISTING AREAS AND/OR FINISHES THAT HAVE BEEN DAMAGED THAT ARE NOT PART OF THE REMOVAL SCOPES OF WORK (INCLUDES AREAS AND/OR FINISHES AS A RESULT OF ANY TEMPORARY PARTITIONS AND WASTE DECON UNIT ENCLOSURES CONSTRUCTION) SHALL BE RESTORED TO ORIGINAL CONDITIONS BY THE CONTRACTOR AT NO COST TO THE STATE. FINISH RESTORATION SHALL BE APPROVED BY THE DIRECTOR'S REPRESENTATIVE.
13. COORDINATE ABATEMENT WITH SCOPE INDICATED ON OTHER DRAWINGS AND PERFORMED BY OTHER TRADE CONTRACTS.
14. THE RESULTS OF THE TESTING FOR ACM, LEAD BASED PAINT & PCB'S ARE LISTED IN THE BUILDING ASBESTOS SURVEY REPORT BOUND IN THE APPENDIX OF THE SPECIFICATIONS. REFER TO SPEC. SECTION 003126.
15. ALL LIGHT FIXTURE AND ELECTRICAL WIRING REMOVAL SHALL BE PERFORMED BY A LICENSED ELECTRICIAN HOLDING AN ALLIED TRADES CERTIFICATION AND WORKING FOR/OR UNDER THE LICENSED ABATEMENT CONTRACTOR.

NEW YORK STATE OF OPPORTUNITY. | Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT:

CERTIFICATE OF AUTHORIZATION #: 0018644

SAGE ENGINEERING ASSOCIATES, LLP

Adelaide ENVIRONMENTAL HEALTH

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WARNING:

REGISTERED ARCHITECT · PAUL RICHARD CHECCO · 027811 · STATE OF NEW YORK

REGISTRATION EXPIRES: 08/31/2026

CONTRACT: CONSTRUCTION

TITLE: **REHABILITATE EXHAUST & PLUMBING, FOOD SERVICE LOCATIONS**

LOCATION: **CONCOURSE EMPIRE STATE PLAZA ALBANY, NY**

CLIENT: **OFFICE OF GENERAL SERVICES**

REVISED DRAWING 2025-09-02

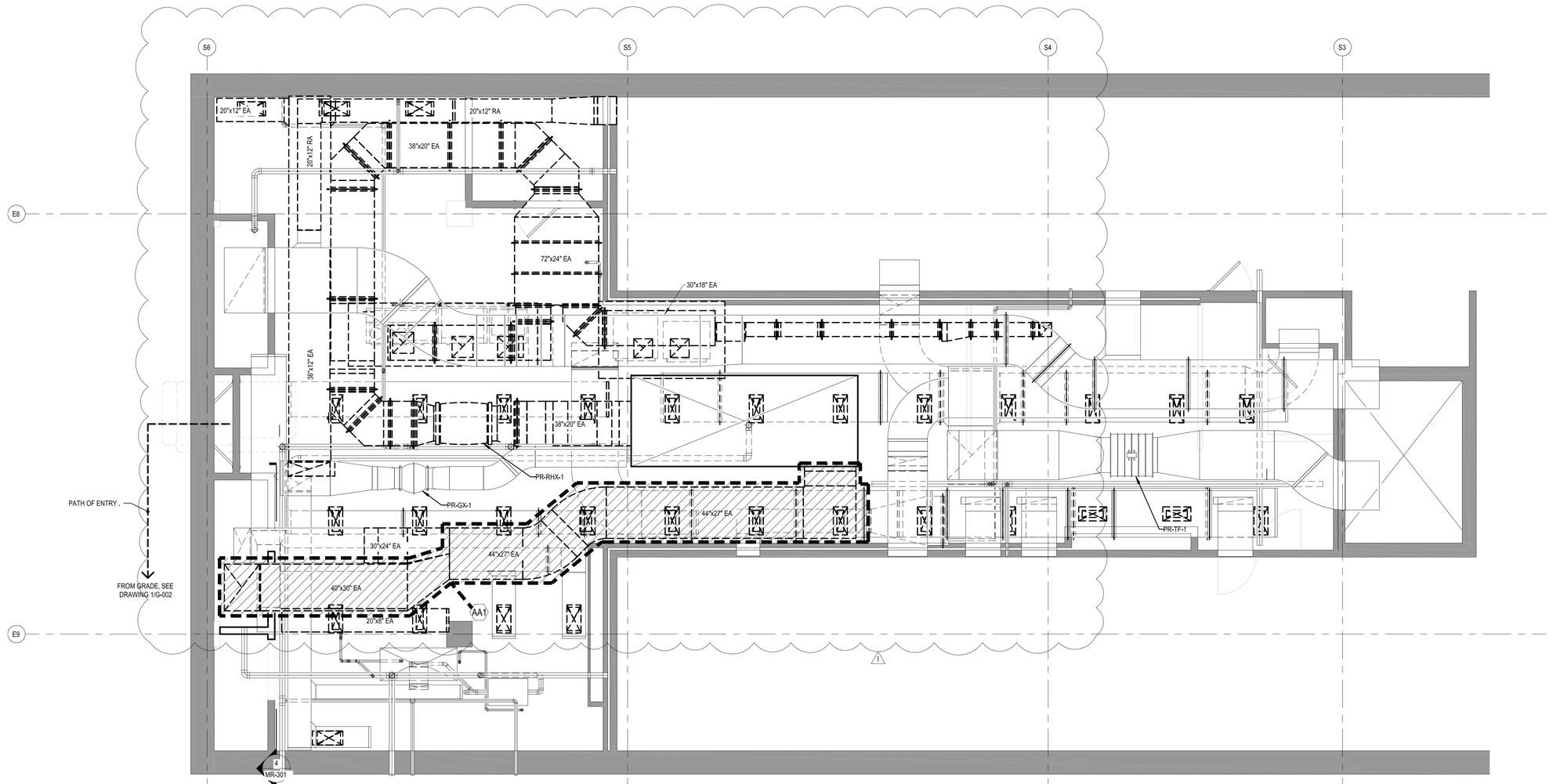
MARK	DATE	DESCRIPTION
1	09/02/2025	ADDENDUM 2
	06/13/2025	BID DOCUMENT

PROJECT NUMBER:	47451 - C
DESIGNED BY:	AEHA
DRAWN BY:	PRC
FIELD CHECK:	-
APPROVED:	JS

SHEET TITLE: **GENERAL ABATEMENT NOTES & DETAILS**

DRAWING NUMBER: **H-100**

HAZARDOUS MATERIAL ABATEMENT KEYNOTES		QTY.
CORNERSTONE		
AA1	REMOVE AND DISPOSE OF SEAM SEALANTS AND GASKETS ON DUCTWORK FLANGES/JOINTS	24 SQ. FT.
AA2	NOT USED	
AA3	NOT USED	



1 CORNERSTONE DUCTWORK ABATEMENT PLAN
1/4" = 1'-0"

36X24 PLOT SHEET

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT:

CERTIFICATE OF AUTHORIZATION #: 0018644

SAGE ENGINEERING ASSOCIATES, LLP

Adelaide ENVIRONMENTAL HEALTH

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REGISTERED ARCHITECT PAUL RICHARD CASCO 027811 STATE OF NEW YORK

REGISTRATION EXPIRES: 08/31/2026

CONTRACT:
CONSTRUCTION

TITLE:
REHABILITATE EXHAUST & PLUMBING, FOOD SERVICE LOCATIONS

LOCATION:
CONCOURSE
EMPIRE STATE PLAZA
ALBANY, NY

CLIENT:
OFFICE OF GENERAL SERVICES

REVISED DRAWING 2025-09-02

MARK	DATE	DESCRIPTION
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	06/13/2025	BID DOCUMENT

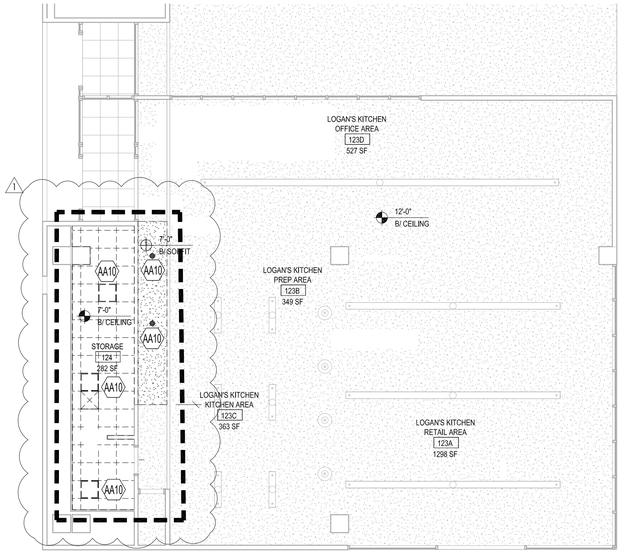
PROJECT NUMBER:	47451 - C
DESIGNED BY:	AEHA
DRAWN BY:	PRC
FIELD CHECK:	-
APPROVED:	JS

SHEET TITLE:
CORNERSTONE ABATEMENT PLAN

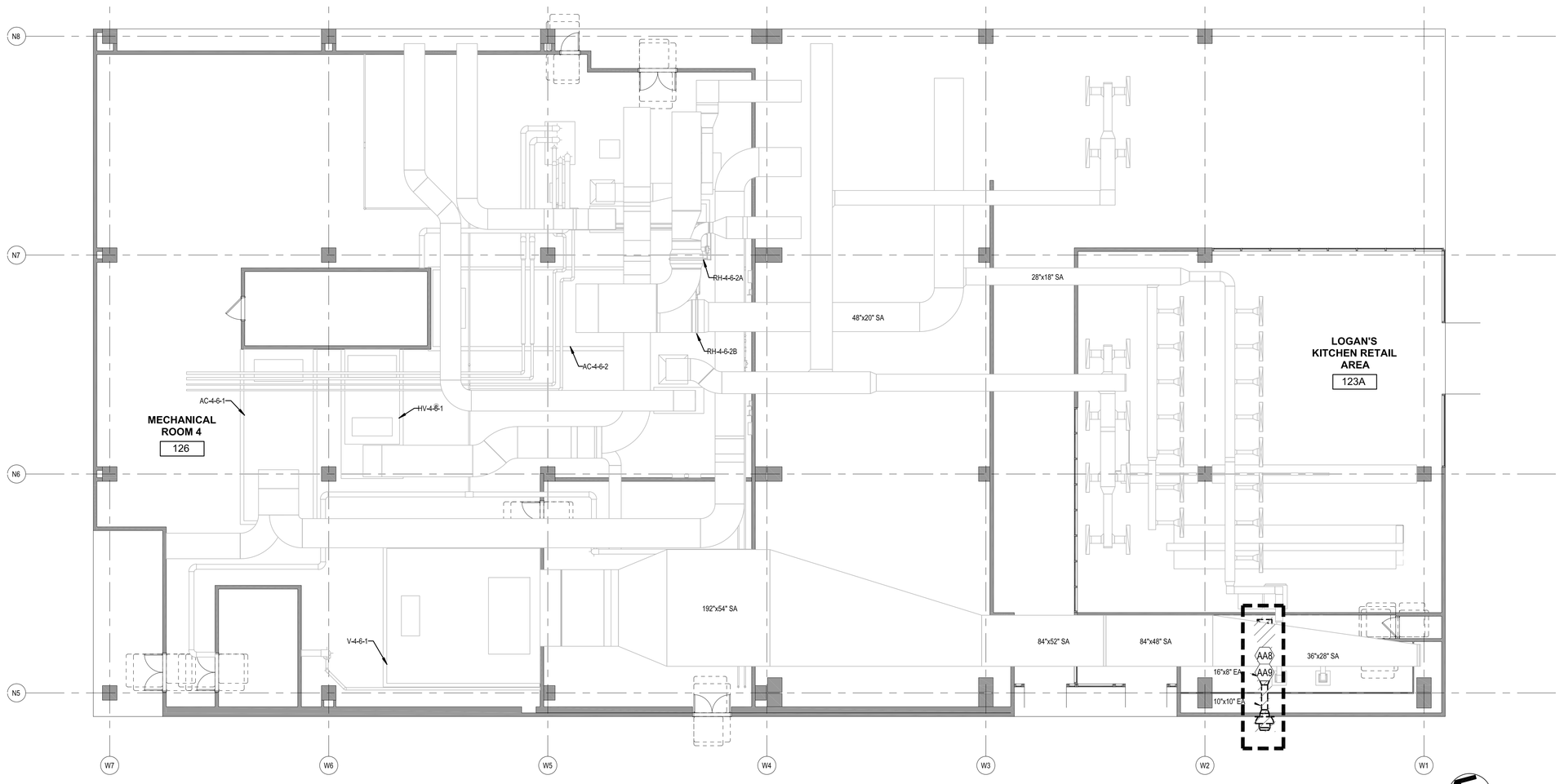
DRAWING NUMBER
H-101

SHEET 5 OF 70

HAZARDOUS MATERIAL ABATEMENT KEYNOTES		QTY.
PLAZA (LOGAN KITCHEN)		
AA8	REMOVE AND DISPOSE OF ROPE GASKET & BLACK SEALANT ON DUCTWORK FLANGES	4 SQ. FT ROPE & 8 SQ. FT OF SEALANT
AA9	REMOVE AND DISPOSE OF ELECTRICAL WIRING ON MECH. UNIT FAN MOTOR AFTER THE SAME HAS BEEN DISCONNECTED FROM ITS POWER SOURCE BY A LICENSED ELECTRICIAN. RE: NOTE 15	50 LIN. FT.
AA10	REMOVE AND DISPOSE OF LIGHT FIXTURES AND ASSOCIATED ELECTRICAL WIRING AFTER THE SAME HAS BEEN DISCONNECTED FROM ITS POWER SOURCE BY A LICENSED ELECTRICIAN. RE: NOTE 15	15 LIN. FT. / (3) 2'X2' FIXTURES & (2) RECESSED FIXTURES



2 LOGANS KITCHEN CEILING ABATEMENT PLAN
1/16" = 1'-0"



1 LOGANS KITCHEN DUCTWORK ABATEMENT PLAN
1/8" = 1'-0"

36X24 PLOT SHEET

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT:

CERTIFICATE OF AUTHORIZATION #: 0018644

SAGE ENGINEERING ASSOCIATES, LLP

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REGISTERED ARCHITECT — RICHARD CARCO — 027811 — STATE OF NEW YORK

REGISTRATION EXPIRES: 08/31/2026

CONTRACT:
CONSTRUCTION

TITLE:
REHABILITATE EXHAUST & PLUMBING, FOOD SERVICE LOCATIONS

LOCATION:
CONCOURSE
EMPIRE STATE PLAZA
ALBANY, NY

CLIENT:
OFFICE OF GENERAL SERVICES

REVISED DRAWING 2025-09-02

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1	09/02/2025	ADDENDUM 2
	06/13/2025	BID DOCUMENT
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DESIGNED BY:	AEHA	
DRAWN BY:	PRC	
FIELD CHECK:	-	
APPROVED:	JS	

SHEET TITLE:
LOGANS KITCHEN ABATEMENT PLAN

DRAWING NUMBER
H-103

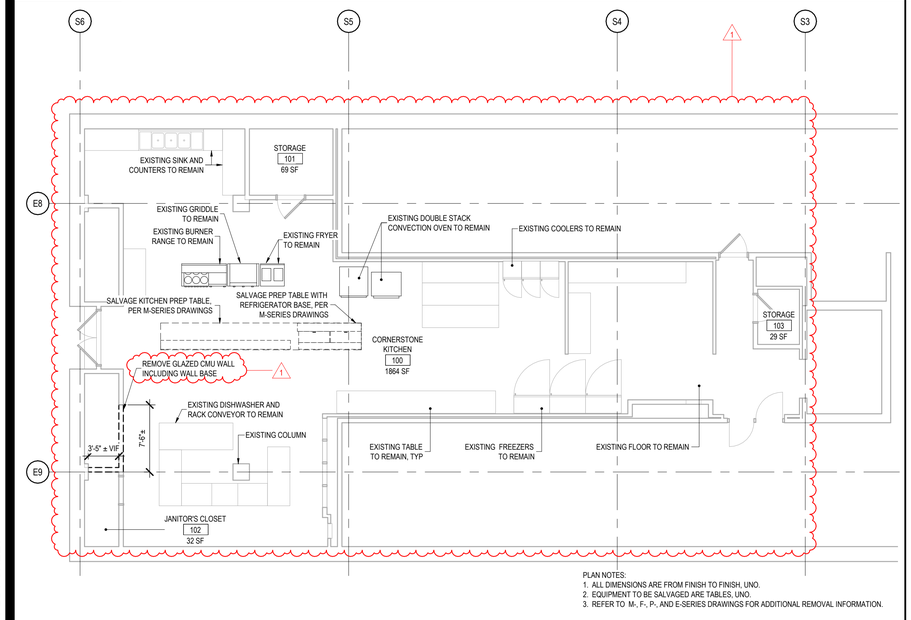
SHEET 7 OF 70

REMOVE GLAZED CMU WALL, SEE 1/A-011
FOR EXTENT OF WALL REMOVAL

3 CORNERSTONE SOUTH WALL REMOVAL

REF: 1 / A-011 SCALE: 1" = 1'-0"

CORNERSTONE KITCHEN NOTES:
1. GLAZED CMU CONTAINS LEAD.
2. ALL REMOVAL OF LEAD CONTAINING MATERIALS SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 028304.
3. REFER TO SPECIFICATION SECTION 003126 EXISTING HAZARDOUS MATERIAL INFORMATION FOR ADDITIONAL INFORMATION.

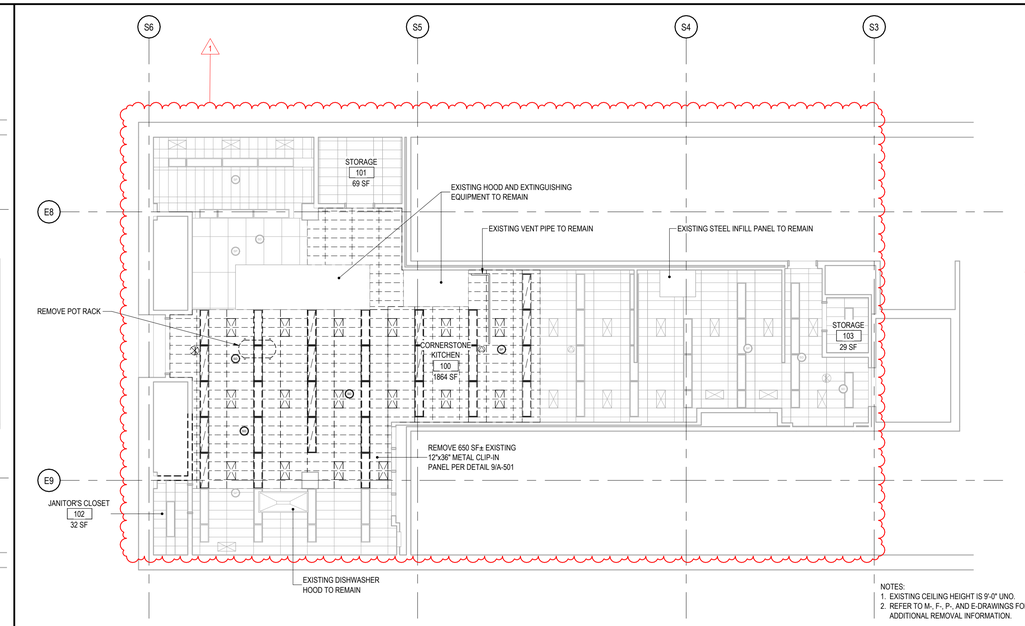


PLAN NOTES:
1. ALL DIMENSIONS ARE FROM FINISH TO FINISH, UNO.
2. EQUIPMENT TO BE SALVAGED ARE TABLES, UNO.
3. REFER TO M-, F-, P-, AND E-SERIES DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.

1 CORNERSTONE REMOVAL PLAN

SCALE: 1/8" = 1'-0"

PLAN NORTH



NOTES:
1. EXISTING CEILING HEIGHT IS 9'-0" UNO.
2. REFER TO M-, F-, P-, AND E-DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.

2 CORNERSTONE REMOVAL REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"

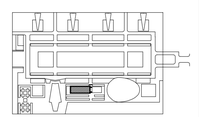
PLAN NORTH

RCP REMOVAL LEGEND:

- EXISTING HVAC GRILLE
- REMOVE EXISTING HVAC GRILLE PER M-SERIES DRAWINGS
- REMOVE EXISTING LIGHT FIXTURE PER E-SERIES DRAWINGS
- SALVAGE EXISTING LIGHT FIXTURE PER E-SERIES DRAWINGS
- EXISTING 12"x36" METAL CLIP-IN PANEL
- REMOVE EXISTING 12"x36" METAL CLIP-IN PANEL CEILING PER DETAIL 9/A-501
- EXISTING 24"x48" PANEL CEILING
- REMOVE EXISTING SMOKE DETECTOR PER E-SERIES DRAWINGS
- REMOVE EXISTING SPEAKER PER E-SERIES DRAWINGS
- EXISTING EXIT SIGN
- REMOVE EXISTING EXIT SIGN PER E-SERIES DRAWINGS
- EXISTING RECEPTACLE
- REMOVE EXISTING RECEPTACLE PER E-SERIES DRAWINGS

REMOVAL PLAN LEGEND:

	EXISTING TO BE REMOVED	EXISTING TO REMAIN
WALL		
FLOOR		



PLAZA LEVEL KEY PLAN

NORTH

36x24 PLOT SHEET

NEW YORK STATE | Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0022677

SPRING LINE DESIGN
ARCHITECTURE + ENGINEERING

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REGISTERED ARCHITECT
KRISTIN KNICKERBOCKER
027957
STATE OF NEW YORK

REGISTRATION EXPIRES: 12/31/2026

CONTRACT:

CONSTRUCTION

TITLE:

REHABILITATE EXHAUST AND PLUMBING, FOOD SERVICE LOCATIONS

LOCATION:

EMPIRE STATE PLAZA
ALBANY, NY

CLIENT:

NEW YORK STATE OFFICE OF GENERAL SERVICES

REVISED DRAWING 2025-09-02

MARK	DATE	DESCRIPTION
1	2025-09-02	ADDENDUM 2
	2025-06-13	BID DOCUMENT

PROJECT NUMBER:	47451 - C
DESIGNED BY:	KK
DRAWN BY:	SS
FIELD CHECK:	
APPROVED:	

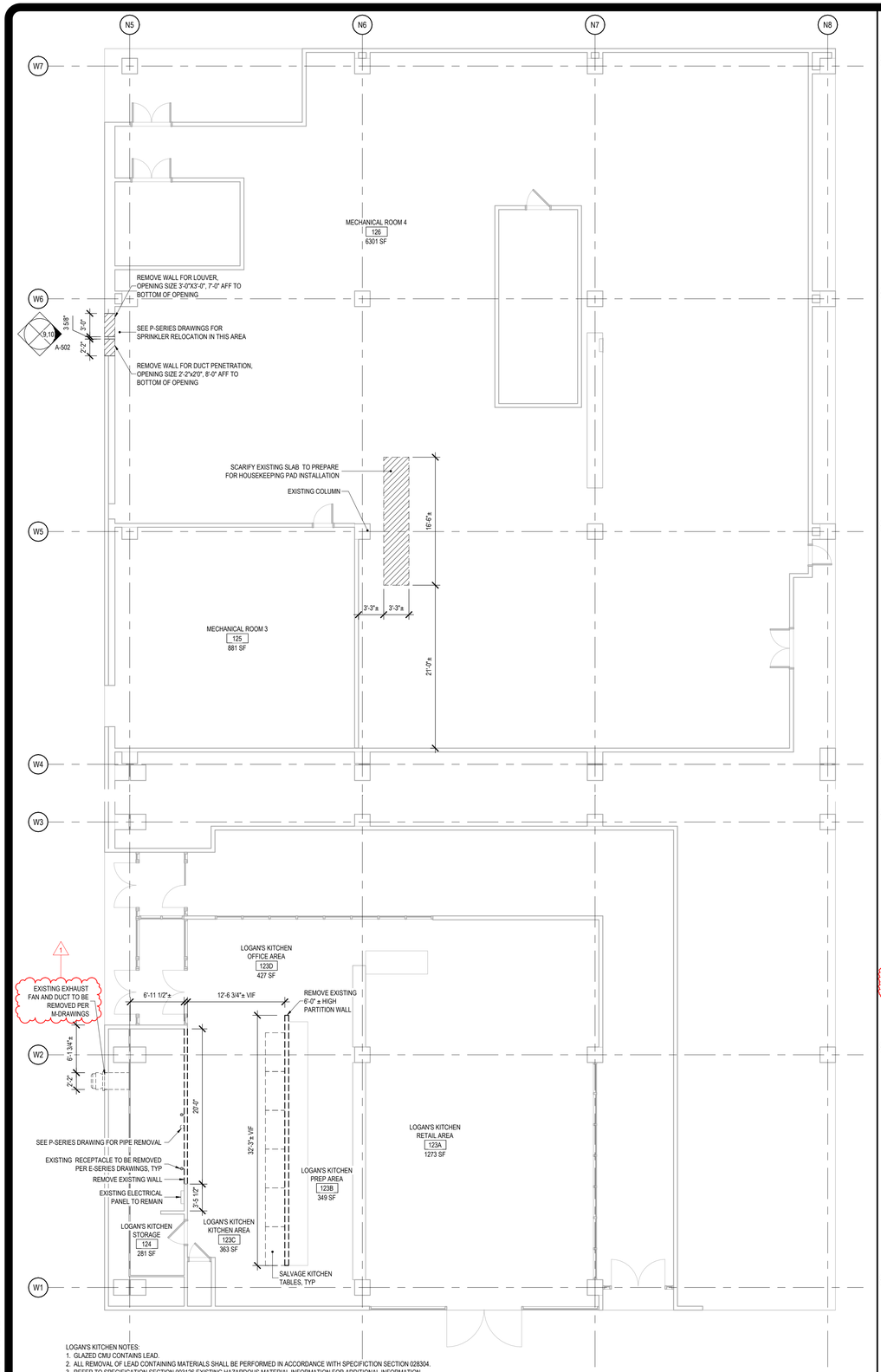
SHEET TITLE:

CORNERSTONE KITCHEN REMOVAL PLANS

DRAWING NUMBER:

A-011

SHEET 9 OF 70



LOGAN'S KITCHEN NOTES:
1. GLAZED CMU CONTAINS LEAD.
2. ALL REMOVAL OF LEAD CONTAINING MATERIALS SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICTION SECTION 028304.
3. REFER TO SPECIFICATION SECTION 003126 EXISTING HAZARDOUS MATERIAL INFORMATION FOR ADDITIONAL INFORMATION.

1 LOGAN'S KITCHEN REMOVAL PLAN
SCALE: 1/8" = 1'-0"

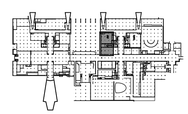
2 LOGAN'S KITCHEN REMOVAL REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

REMOVAL PLAN LEGEND:

	EXISTING TO BE REMOVED	EXISTING TO REMAIN
WALL		
FLOOR		

RCP REMOVAL LEGEND:

- SUPPORT EXISTING HVAC DIFFUSER PER M-SERIES DRAWINGS
- REMOVE EXISTING SPRINKLER PER F-SERIES DRAWINGS
- EXISTING LIGHT FIXTURE TO BE REMOVED, PER H-SERIES DRAWINGS
- REMOVE 24"x24" CEILING PER DETAIL 5/A-501
- EXISTING LIGHT FIXTURE TO REMAIN
- EXISTING CEILING TO REMAIN
- REMOVE PLASTER CEILING PER DETAIL 7/A-501 AND 8/A-501
- EXISTING 24"x24" CEILING TO REMAIN



CONCOURSE LEVEL KEY PLAN

NORTH

36x24 PLOT SHEET

NEW YORK STATE | Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0022677

SPRING LINE DESIGN
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027957
STATE OF NEW YORK

REGISTRATION EXPIRES: 12/31/2026

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CONSTRUCTION

TITLE:
REHABILITATE EXHAUST AND PLUMBING, FOOD SERVICE LOCATIONS

LOCATION:
EMPIRE STATE PLAZA
ALBANY, NY

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NEW YORK STATE OFFICE OF GENERAL SERVICES

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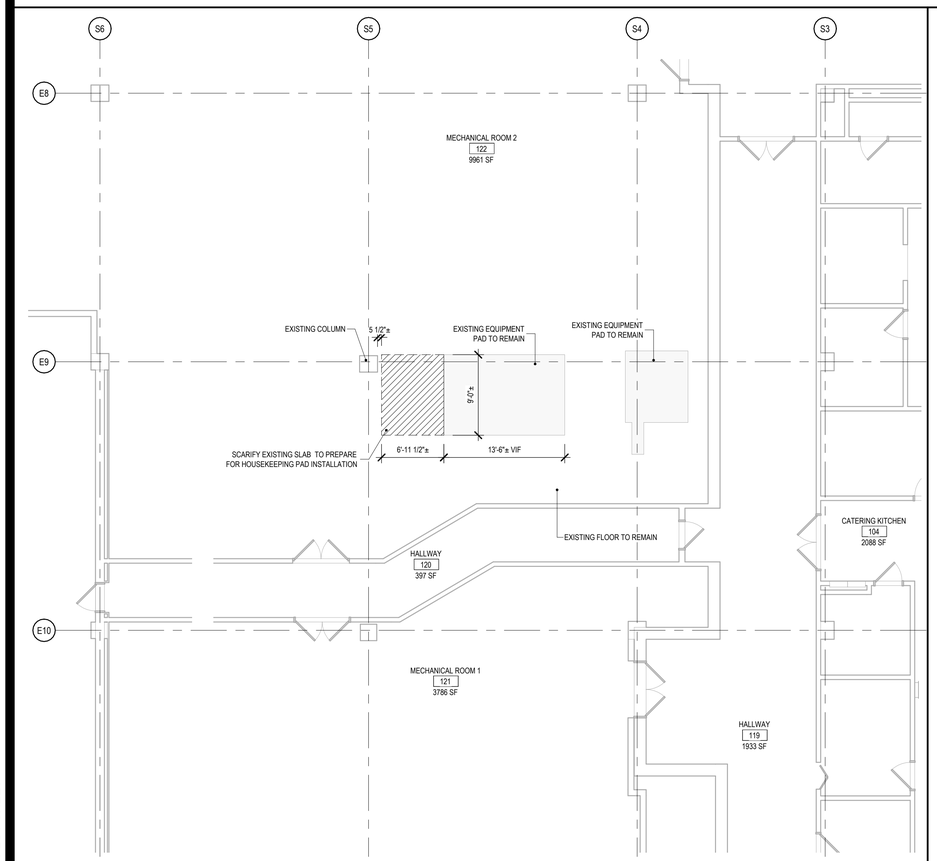
MARK	DATE	DESCRIPTION
1	2025-09-02	ADDENDUM 2
	2025-06-13	BID DOCUMENT

PROJECT NUMBER:	47451 - C
DESIGNED BY:	KK
DRAWN BY:	SS
FIELD CHECK:	
APPROVED:	

SHEET TITLE:
LOGAN'S KITCHEN REMOVAL PLANS

DRAWING NUMBER:
A-012

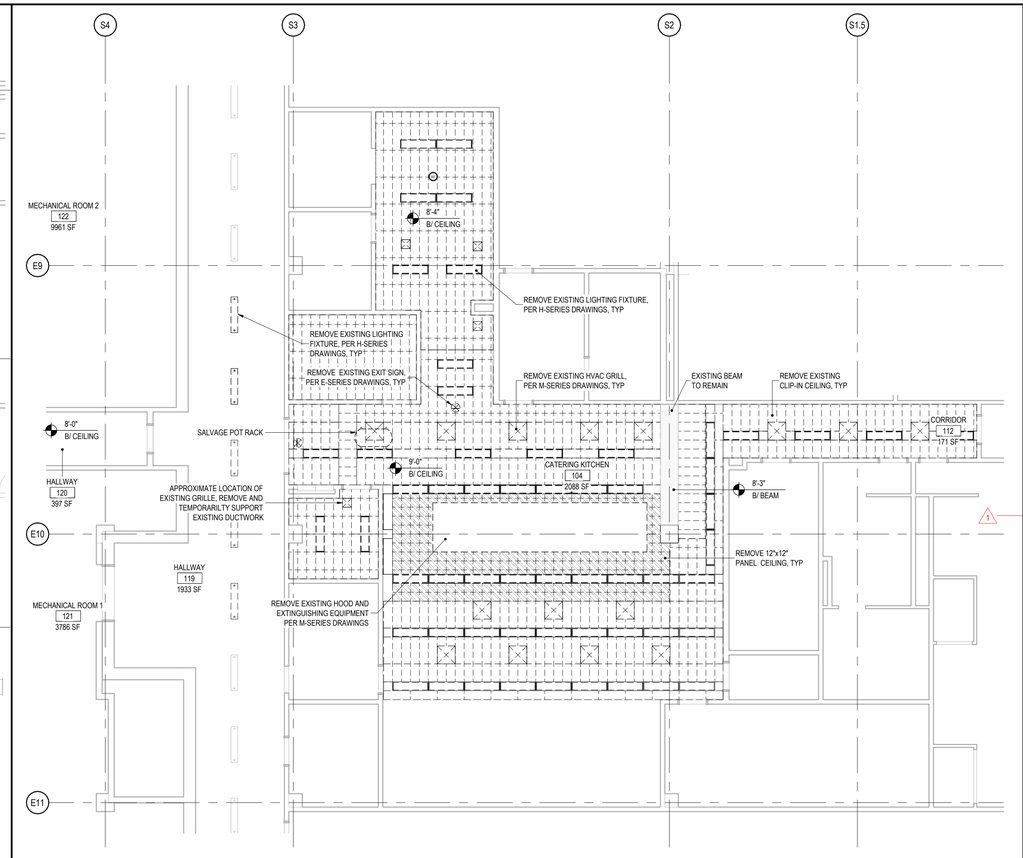
SHEET 10 OF 70



1 MECHANICAL ROOM REMOVAL PLAN

SCALE: 1/8" = 1'-0"

PLAN NORTH



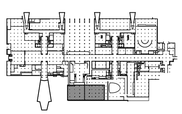
2 CATERING KITCHEN REMOVAL REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"

PLAN NORTH

RCP REMOVAL LEGEND:

- EXISTING HVAC GRILL TO BE REMOVED, PER M-SERIES DRAWINGS
- EXISTING LIGHT FIXTURE TO BE REMOVED, PER H-SERIES DRAWINGS
- EXISTING LIGHT FIXTURE TO BE REMOVED, PER H-SERIES DRAWINGS
- EXISTING 12"x12" PANEL CEILING TO BE REMOVED PER S/A-501
- EXISTING 12"x36" METAL CLIP-IN PANEL CEILING TO BE REMOVED PER DETAIL 9/A-501
- EXISTING SMOKE DETECTOR TO BE REMOVED, PER E-SERIES DRAWINGS
- EXISTING EXIT SIGN TO BE REMOVED, PER E-SERIES DRAWINGS



CONCOURSE LEVEL KEY PLAN

NORTH

36x24 PLOT SHEET

NEW YORK STATE | Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0022677

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027957
STATE OF NEW YORK

REGISTRATION EXPIRES: 12/31/2026

CONTRACT:

CONSTRUCTION

TITLE:

REHABILITATE EXHAUST AND PLUMBING, FOOD SERVICE LOCATIONS

LOCATION:

EMPIRE STATE PLAZA
ALBANY, NY

CLIENT:

NEW YORK STATE OFFICE OF GENERAL SERVICES

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	2025-06-13	BID DOCUMENT

PROJECT NUMBER:	47451 - C
DESIGNED BY:	KK
DRAWN BY:	SS
FIELD CHECK:	
APPROVED:	

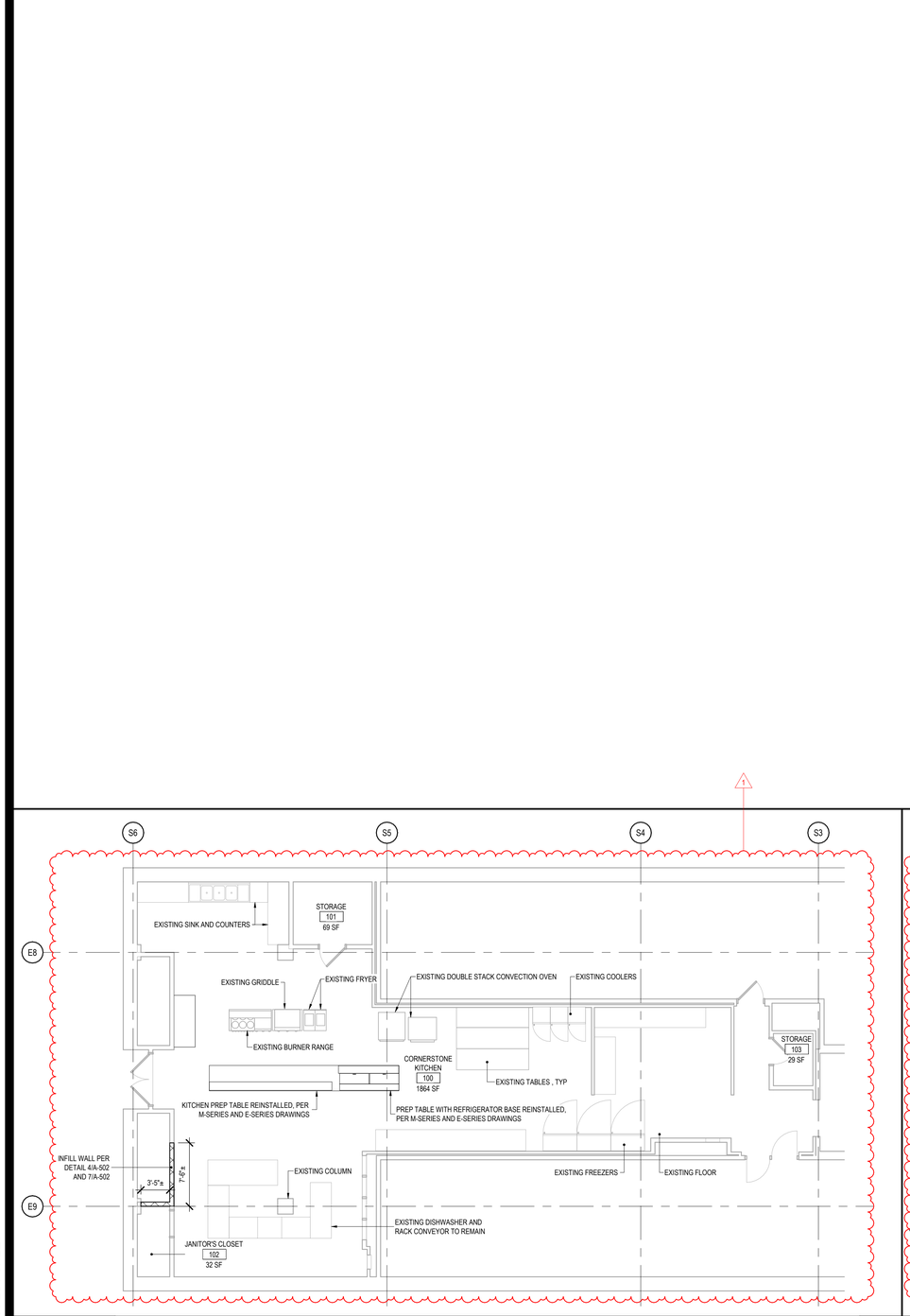
SHEET TITLE:

MECHANICAL ROOM 2 AND CATERING KITCHEN REMOVAL PLANS

DRAWING NUMBER:

A-013

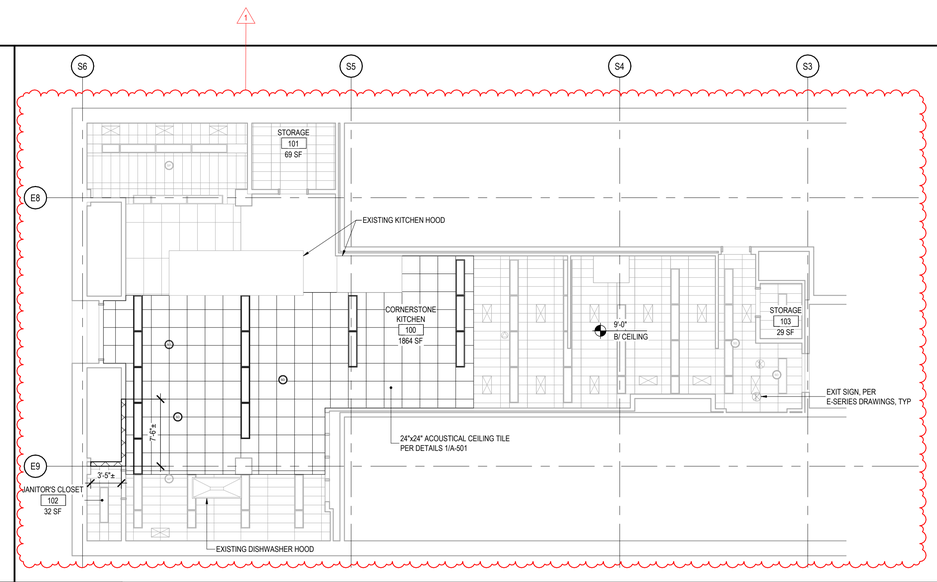
SHEET 11 OF 70



1 CORNERSTONE KITCHEN FLOOR PLAN

SCALE: 1/8" = 1'-0"

PLAN NORTH



2 CORNERSTONE KITCHEN REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"

PLAN NORTH

DRAWING NOTES:
1. ALL DIMENSIONS ARE FROM FINISH TO FINISH, UNO.
2. EQUIPMENT TO BE REINSTALLED ARE TABLES, UNO.
3. COORDINATE KITCHEN EQUIPMENT INSTALLATIONS AND REINSTALLATIONS PER M-, P-, AND E-SERIES DRAWINGS AND DIRECTOR'S REPRESENTATIVE.

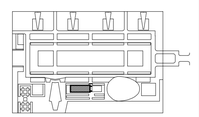
REFLECTED CEILING PLAN LEGEND:

PLAN LEGEND:

EXISTING TO REMAIN

WALL PER SCHEDULE

WALL



PLAZA LEVEL KEY PLAN

NORTH

36x24 PLOT SHEET

NEW YORK STATE | Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0022677

SPRING LINE DESIGN
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027957
STATE OF NEW YORK

REGISTRATION EXPIRES:
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	2025-06-13	BID DOCUMENT

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DESIGNED BY:	KK
DRAWN BY:	SS
FIELD CHECK:	
APPROVED:	

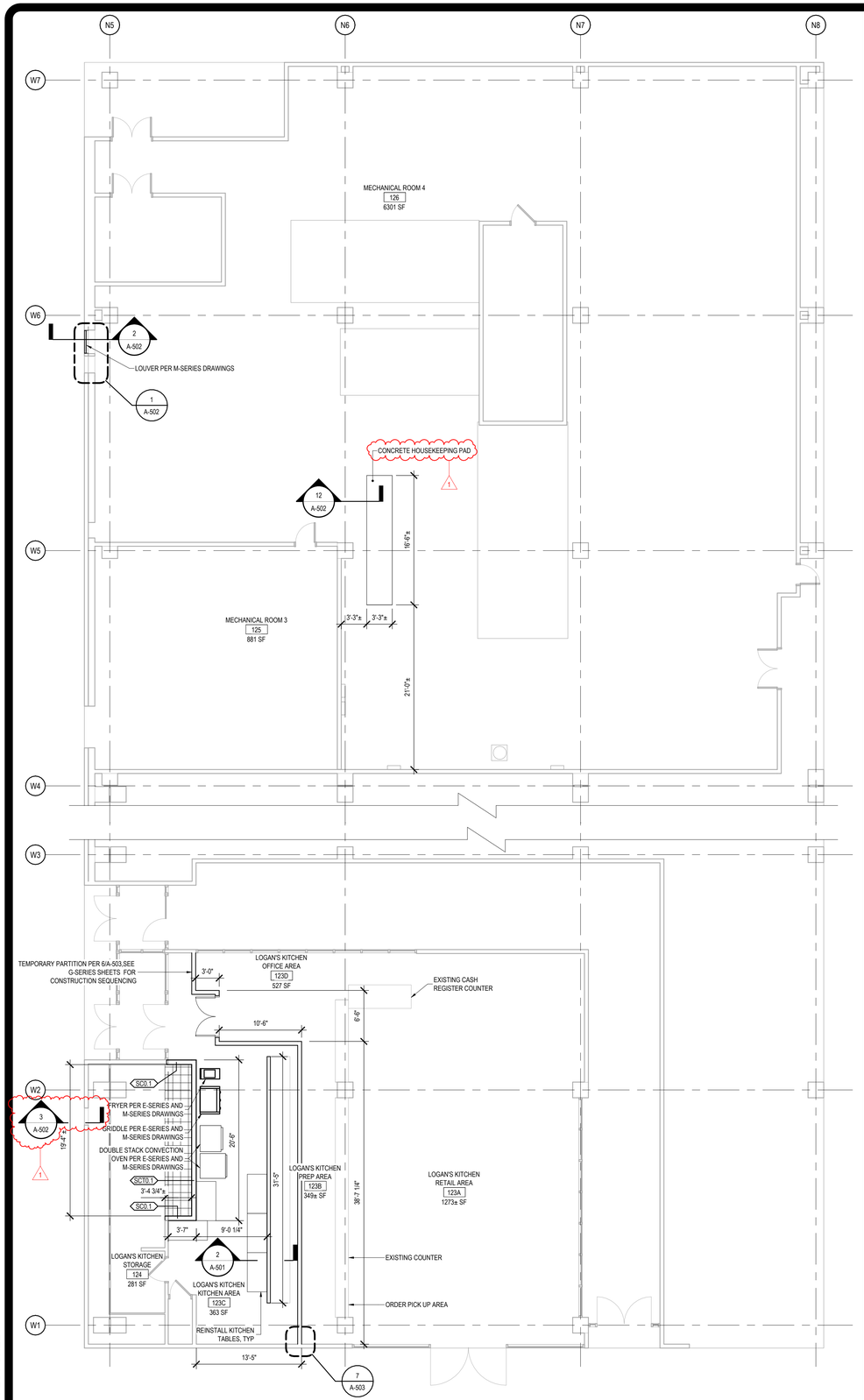
SHEET TITLE:

CORNERSTONE KITCHEN PLAN

DRAWING NUMBER:

A-101

SHEET 12 OF 70



1 LOGAN'S KITCHEN FLOOR PLAN
SCALE: 1/8" = 1'-0"

PLAN NORTH

2 LOGAN'S KITCHEN REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

PLAN NORTH

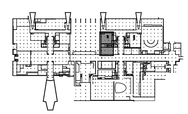
DRAWING NOTES:
1. ALL DIMENSIONS ARE FROM FINISH TO FINISH, UNO.
2. EQUIPMENT TO BE REINSTALLED ARE TABLES, UNO.
3. COORDINATE KITCHEN EQUIPMENT INSTALLATIONS AND REINSTALLATIONS PER M-, F-, AND E-SERIES DRAWINGS AND DIRECTOR'S REPRESENTATIVE.

PLAN LEGEND:

- 12"X12" VINYL COMPOSITE TILE
- CONCRETE PAD
- WALL: EXISTING TO REMAIN / WALL PER SCHEDULE

REFLECTED CEILING PLAN LEGEND:

- EXISTING 24x24 PANEL CEILING
- 24"x24" WASHABLE PANEL CEILING PER DETAIL 1/A-501
- EXISTING PLASTER CEILING
- PLASTER CEILING
- 9'-0" CEILING ELEVATION
- HVAC GRILL, PER M-SERIES DRAWINGS
- 24"x24" TROFFER LIGHT FIXTURE, PER E-SERIES DRAWINGS
- EXISTING LIGHT FIXTURE
- 30"x30" CEILING ACCESS PANEL



CONCOURSE LEVEL KEY PLAN

NORTH

NEW YORK STATE | Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0022677

SPRING LINE DESIGN
ARCHITECTURE + ENGINEERING

ENERGY CODE COMPLIANCE STATEMENT:

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REGISTERED ARCHITECT
KRISTIN KNICKERBOCKER
027957
STATE OF NEW YORK

REGISTRATION EXPIRES: 12/31/2026

CONTRACT:
CONSTRUCTION

TITLE:
REHABILITATE EXHAUST AND PLUMBING, FOOD SERVICE LOCATIONS

LOCATION:
EMPIRE STATE PLAZA
ALBANY, NY

CLIENT:
NEW YORK STATE OFFICE OF GENERAL SERVICES

REVISED DRAWING 2025-09-02

MARK	DATE	DESCRIPTION
1	2025-09-02	ADDENDUM 2
	2025-06-13	BID DOCUMENT

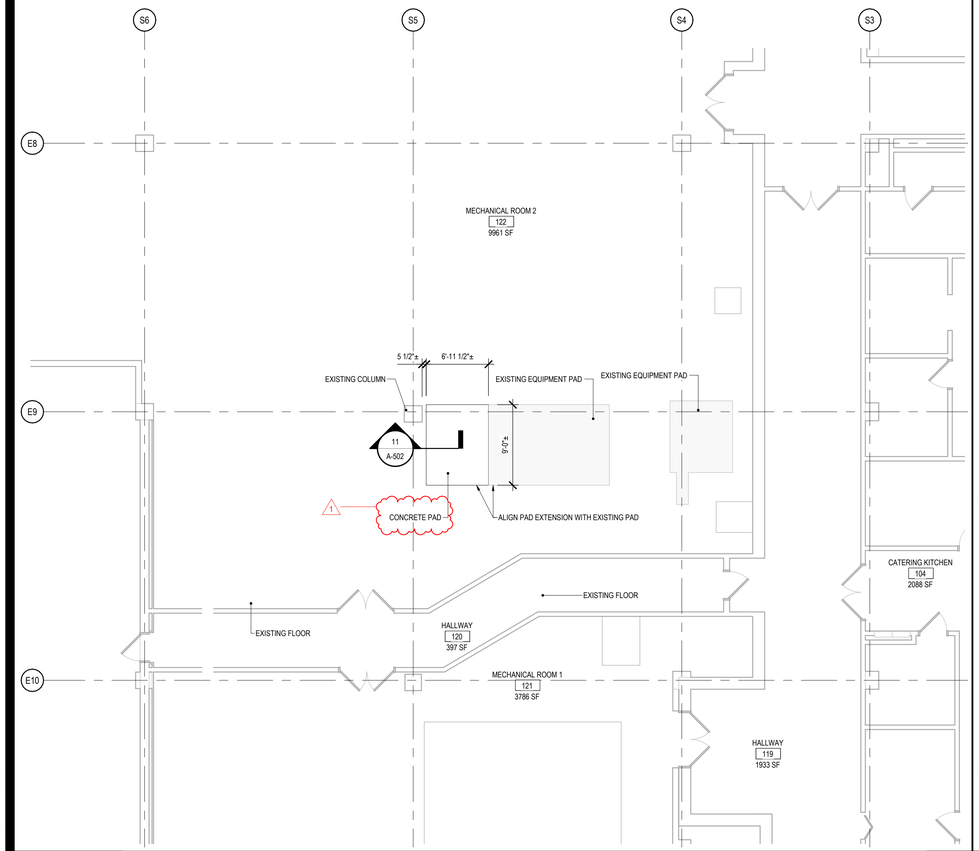
PROJECT NUMBER:	47451 - C
DESIGNED BY:	KK
DRAWN BY:	SS
FIELD CHECK:	
APPROVED:	

SHEET TITLE:
LOGAN'S KITCHEN PLAN

DRAWING NUMBER:
A-102

SHEET 13 OF 70

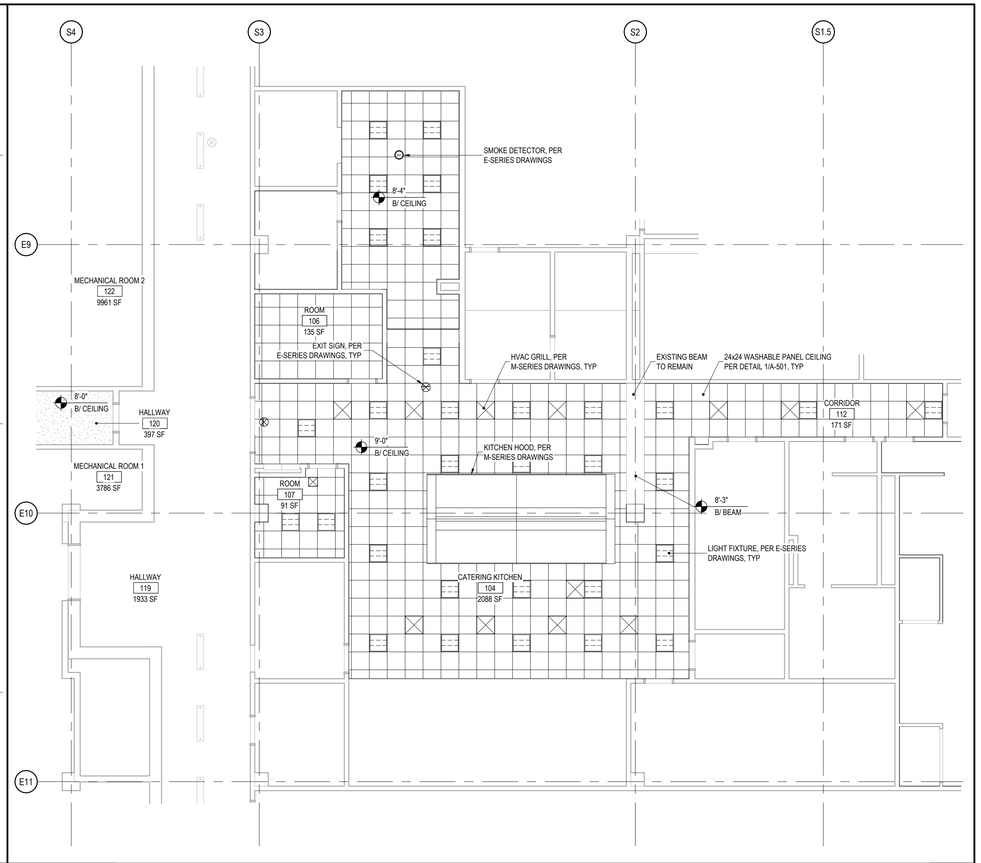
36x24 PLOT SHEET



1 MECHANICAL ROOM FLOOR PLAN

SCALE: 1/8" = 1'-0"

PLAN NORTH



2 CATERING KITCHEN REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"

PLAN NORTH

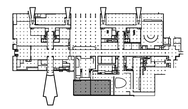
DRAWING NOTES:
1. ALL DIMENSIONS ARE FROM FINISH TO FINISH, UNO.
2. EQUIPMENT TO BE REINSTALLED ARE TABLES, UNO.
3. COORDINATE KITCHEN EQUIPMENT INSTALLATIONS AND REINSTALLATIONS PER M-, P-, F-, AND E-SERIES DRAWINGS AND DIRECTOR'S REPRESENTATIVE.

PLAN LEGEND:

	EXISTING TO REMAIN	NEW CONSTRUCTION
CONCRETE PAD		

REFLECTED CEILING PLAN LEGEND:

- 24"x24" WASHABLE PANEL CEILING PER DETAIL 1/A-501
- 9'-0" CEILING ELEVATION
- HVAC GRILL, PER M-SERIES DRAWINGS
- LIGHT FIXTURE, PER E-SERIES DRAWINGS
- EXISTING LIGHT FIXTURE TO BE REMOVED, PER H-SERIES DRAWINGS
- SMOKE DETECTOR, PER E-SERIES DRAWING
- EXIT SIGN, PER E-SERIES DRAWINGS



CONCOURSE LEVEL KEY PLAN

NORTH

36x24 PLOT SHEET

NEW YORK STATE | Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0022677

SPRING LINE DESIGN
ARCHITECTURE + ENGINEERING

ENERGY CODE COMPLIANCE STATEMENT:

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REGISTERED ARCHITECT
KRISTIN KNICKERBOCKER
027957
STATE OF NEW YORK

REGISTRATION EXPIRES: 12/31/2026

CONTRACT:
CONSTRUCTION

TITLE:
REHABILITATE EXHAUST AND PLUMBING, FOOD SERVICE LOCATIONS

LOCATION:
EMPIRE STATE PLAZA
ALBANY, NY

CLIENT:
NEW YORK STATE OFFICE OF GENERAL SERVICES

REVISED DRAWING 2025-09-02

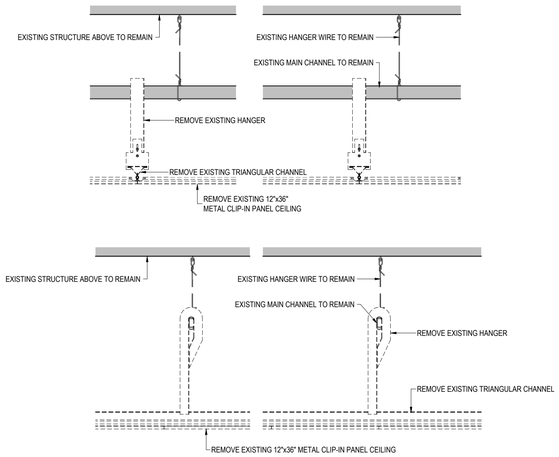
MARK	DATE	DESCRIPTION
2	2025-09-02	ADDENDUM 2
	2025-06-13	BID DOCUMENT

PROJECT NUMBER:	47451 - C
DESIGNED BY:	KK
DRAWN BY:	SS
FIELD CHECK:	
APPROVED:	

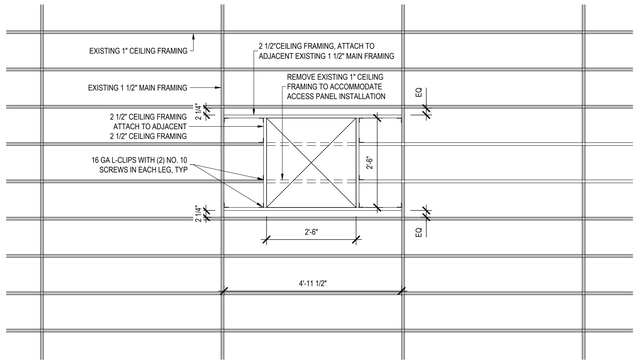
SHEET TITLE:
MECHANICAL ROOM 2 PLAN AND CATERING KITCHEN PLAN

DRAWING NUMBER:
A-103

SHEET 14 OF 70

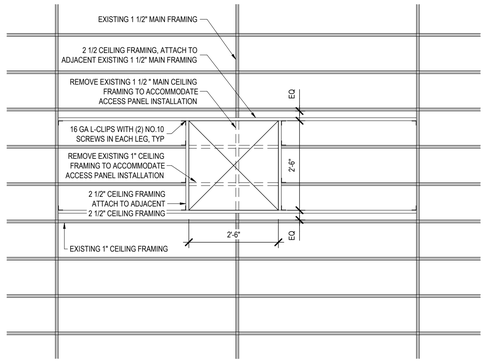


9	CLIP-IN CEILING REMOVAL
REF: 2 / A-011	SCALE: 1 1/2" = 1'-0"



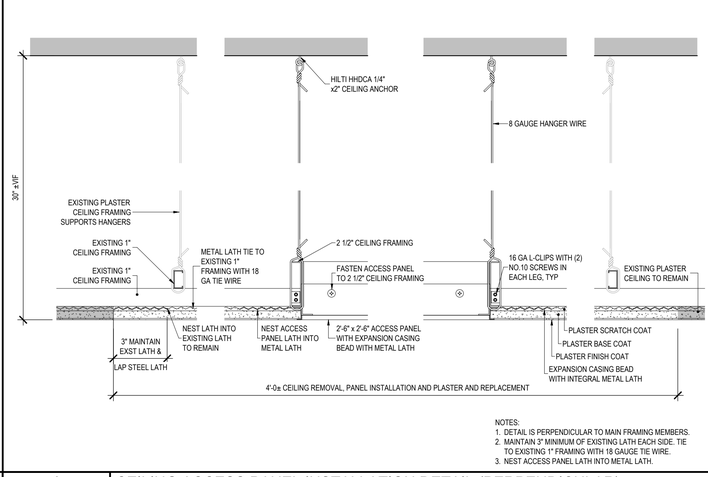
NOTE:
USE THIS DETAIL FOR ACCESS PANEL INSTALLATION WHEN NO MAIN SUPPORT NEED TO BE REMOVED.

10	ACCESS PANEL FRAMING - NO MAIN SUPPORTS INTERRUPTED
REF: 2 / A-102	SCALE: 1/2" = 1'-0"



NOTES:
1. INSTALL 2 1/2" CEILING FRAMING PRIOR TO REMOVING EXISTING 1" CEILING FRAMING.
2. USE THIS DETAIL FOR ACCESS PANEL INSTALLATION WHEN NO MAIN SUPPORTS NEED TO BE REMOVED.

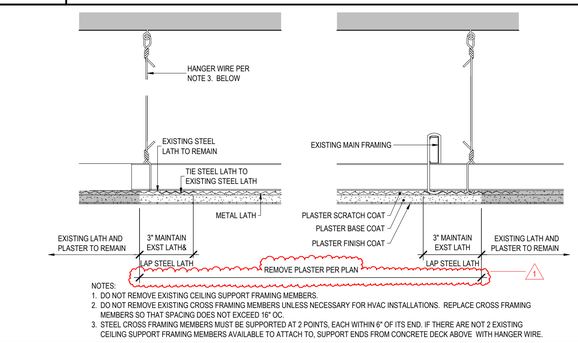
11	ACCESS PANEL FRAMING - MAIN SUPPORT INTERRUPTED
REF: 2 / A-102	SCALE: 1/2" = 1'-0"



5	SUSPENDED CEILING REMOVAL DETAIL
REF: 2 / A-012	SCALE: 3" = 1'-0"

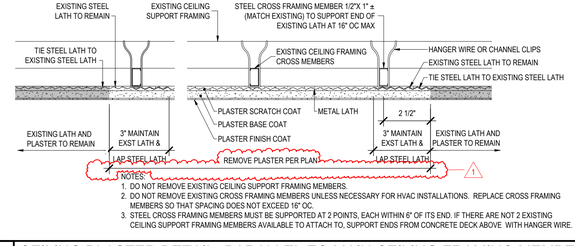
NOTES:
1. DETAIL IS PERPENDICULAR TO MAIN FRAMING MEMBERS.
2. MAINTAIN 3" MINIMUM OF EXISTING LATH EACH SIDE. TIE TO EXISTING 1" FRAMING WITH 18 GAUGE TIE WIRE.
3. NEST ACCESS PANEL LATH INTO METAL LATH.

6	CEILING ACCESS PANEL INSTALLATION DETAIL (PERPENDICULAR)
REF: 2 / A-102	SCALE: 3" = 1'-0"



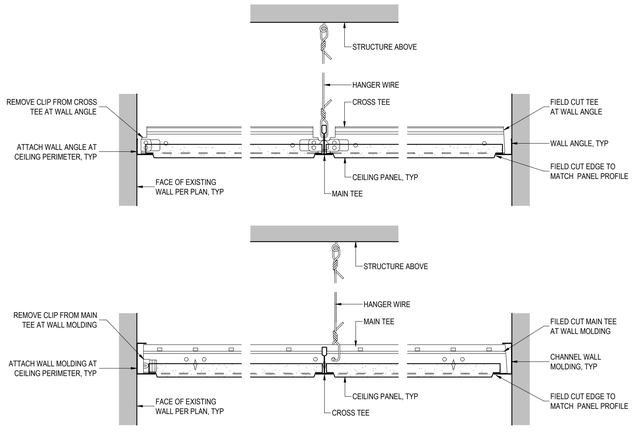
NOTES:
1. DO NOT REMOVE EXISTING CEILING SUPPORT FRAMING MEMBERS.
2. DO NOT REMOVE EXISTING CROSS FRAMING MEMBERS UNLESS NECESSARY FOR HVAC INSTALLATIONS. REPLACE CROSS FRAMING MEMBERS SO THAT SPACING DOES NOT EXCEED 16" OC.
3. STEEL CROSS FRAMING MEMBERS MUST BE SUPPORTED AT 2 POINTS, EACH WITHIN 6" OF ITS END. IF THERE ARE NOT 2 EXISTING CEILING SUPPORT FRAMING MEMBERS AVAILABLE TO ATTACH TO, SUPPORT ENDS FROM CONCRETE DECK ABOVE WITH HANGER WIRE.

8	CEILING PLASTER DETAIL - PERPENDICULAR TO MAIN CEILING FRAMING MEMBERS
REF: 2 / A-102	SCALE: 3" = 1'-0"

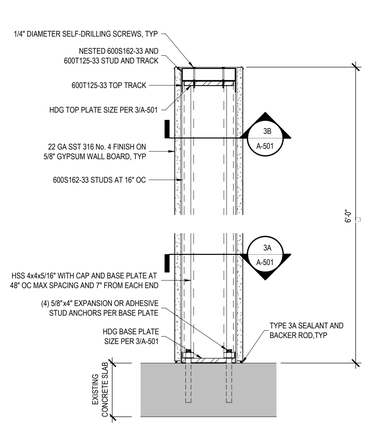


NOTES:
1. DO NOT REMOVE EXISTING CEILING SUPPORT FRAMING MEMBERS.
2. DO NOT REMOVE EXISTING CROSS FRAMING MEMBERS UNLESS NECESSARY FOR HVAC INSTALLATIONS. REPLACE CROSS FRAMING MEMBERS SO THAT SPACING DOES NOT EXCEED 16" OC.
3. STEEL CROSS FRAMING MEMBERS MUST BE SUPPORTED AT 2 POINTS, EACH WITHIN 6" OF ITS END. IF THERE ARE NOT 2 EXISTING CEILING SUPPORT FRAMING MEMBERS AVAILABLE TO ATTACH TO, SUPPORT ENDS FROM CONCRETE DECK ABOVE WITH HANGER WIRE.

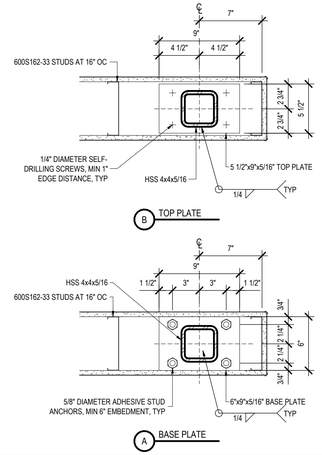
7	CEILING PLASTER DETAIL- PARALLEL TO MAIN CEILING FRAMING MEMBERS
REF: 2 / A-102	SCALE: 3" = 1'-0"



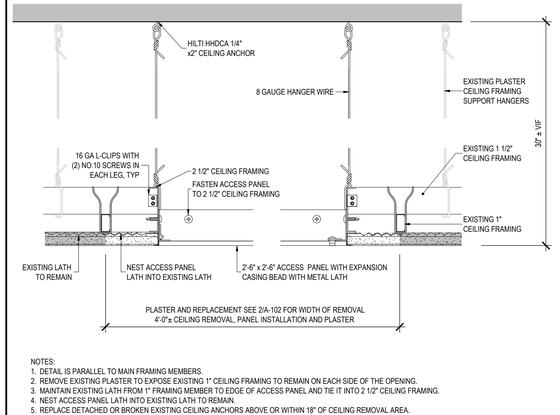
1	TYPICAL SUSPENDED CEILING DETAIL
REF: 2 / A-102	SCALE: 3" = 1'-0"



2	PARTIAL HEIGHT WALL SECTION AT POST
REF: 1 / A-102	SCALE: 1 1/2" = 1'-0"



3	HALF WALL BASE AND TOP PLATE DETAILS
REF: 2 / A-501	SCALE: 1 1/2" = 1'-0"



NOTES:
1. DETAIL IS PARALLEL TO MAIN FRAMING MEMBERS.
2. REMOVE EXISTING PLASTER TO EXPOSE EXISTING 1" CEILING FRAMING TO REMAIN ON EACH SIDE OF THE OPENING.
3. MAINTAIN EXISTING LATH FROM 1" FRAMING MEMBER TO EDGE OF ACCESS PANEL AND TIE IT INTO 2 1/2" CEILING FRAMING.
4. NEST ACCESS PANEL LATH INTO EXISTING LATH TO REMAIN.
5. REPLACE DETACHED OR BROKEN EXISTING CEILING ANCHORS ABOVE OR WITHIN 18" OF CEILING REMOVAL AREA.

4	CEILING ACCESS PANEL INSTALLATION DETAIL (PARALLEL)
REF: 2 / A-102	SCALE: 3" = 1'-0"

36x24 PLOT SHEET

NEW YORK STATE | Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0022677

SPRING LINE DESIGN
ARCHITECTURE + ENGINEERING

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REGISTERED ARCHITECT
KRISTIN KNICKERBOCKER
027957
STATE OF NEW YORK
REGISTRATION EXPIRES: 12/31/2026

CONTRACT:
CONSTRUCTION

TITLE:
REHABILITATE EXHAUST AND PLUMBING, FOOD SERVICE LOCATIONS

LOCATION:
EMPIRE STATE PLAZA
ALBANY, NY

CLIENT:
NEW YORK STATE OFFICE OF GENERAL SERVICES

REVISED DRAWING 2025-09-02

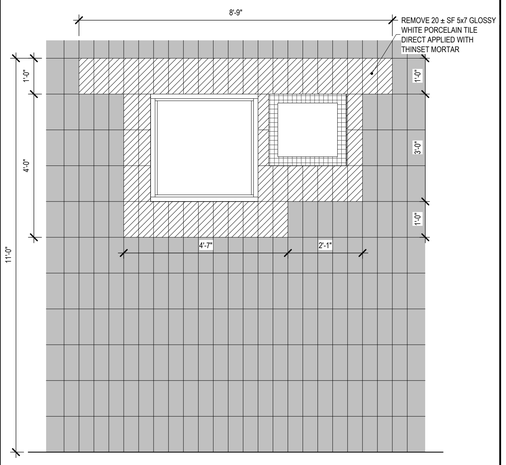
MARK	DATE	DESCRIPTION
1	2025-09-02	ADDENDUM 2
	2025-06-13	BID DOCUMENT

PROJECT NUMBER:	47451 - C
DESIGNED BY:	KK
DRAWN BY:	SS
FIELD CHECK:	
APPROVED:	

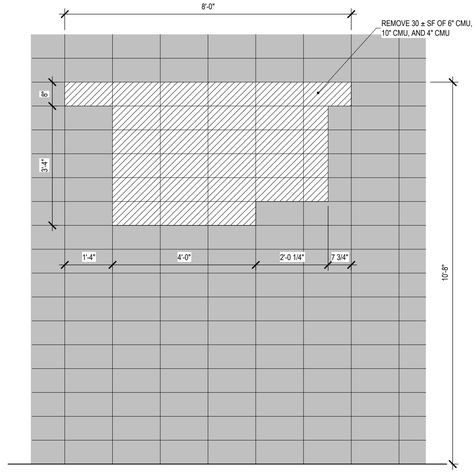
SHEET TITLE:
DETAILS

DRAWING NUMBER:
A-501

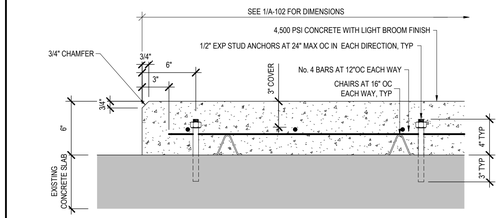
SHEET 15 OF 70



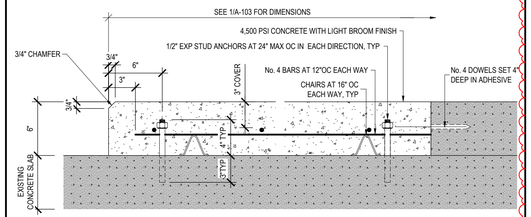
9	TILE REPLACEMENT ELEVATION
REF: 1 / A-012	SCALE: 1/2" = 1'-0"



10	CMU REMOVAL (BEHIND TILE) AT BUS LOOP
REF: 1 / A-012	SCALE: 1/2" = 1'-0"



12	CONCRETE HOUSEKEEPING PAD DETAIL
REF: 1 / A-102	SCALE: 1 1/2" = 1'-0"



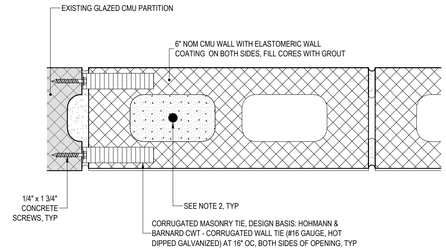
11	CONCRETE HOUSEKEEPING PAD ADDL DETAIL
REF: 1 / A-103	SCALE: 1 1/2" = 1'-0"

NOT USED

5	NOT USED
REF:	SCALE:

NOT USED

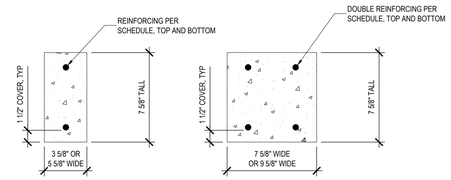
6	NOT USED
REF:	SCALE:



NOTES:
1. INSTALL HORIZONTAL JOINT REINFORCING PER SPECIFICATIONS.
2. PROVIDE No. 4 VERTICAL REINFORCEMENT AT 4'-0" MAX OC, MIN (2) PER INFILL 6" FROM CORNERS, TYP.
3. PROVIDE No. 4 HORIZONTAL REINFORCEMENT AND SOLID GROUT WITHIN SLOTTED OPEN BOTTOM BOND BEAM BLOCK AT TOP OF EACH GROUT LIFT (SEVEN COURSE INTERVALS UNO) AND ALONG TOP OF WALL.
4. USE SLOTTED OPEN BOTTOM BOND BEAM BLOCK TO ALLOW CONTINUOUS (UNINTERRUPTED) HORIZ AND VERT REINF AND GROUT.
5. EXTEND No. 4 REINFORCING MIN 4" DEEP IN TWO PART ADHESIVE IN ANCHOR SLEEVES. AT HOLLOW CORES, FULLY GROUT (1) CELL AROUND REBAR EXTENSION. AT CONCRETE SLAB BELOW EMBED REBAR MIN 4" IN TWO PART ADHESIVE, TYP.
6. PERFORM LOW-LIFT GROUTING PER CURRENT NCMA TEK NOTES 3-2.

7	WALL INFILL PLAN DETAIL
REF:	SCALE: 3" = 1'-0"

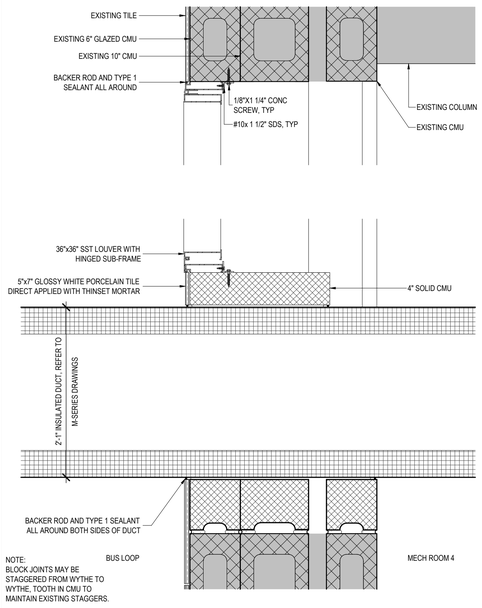
PRECAST CONCRETE LINTEL REINFORCING SCHEDULE				
CLEAR MASONRY OPENING WIDTH	LINTEL FOR 4" MASONRY WALLS	LINTEL FOR 6" MASONRY WALLS	LINTEL FOR 8" MASONRY WALLS	LINTEL FOR 10" MASONRY WALLS
0'-6" TO 5'-4"	(2) No. 4		(4) No. 4	
5'-5" TO 8'-0"	(2) No. 5		(4) No. 5	



PRECAST LINTEL NOTES:

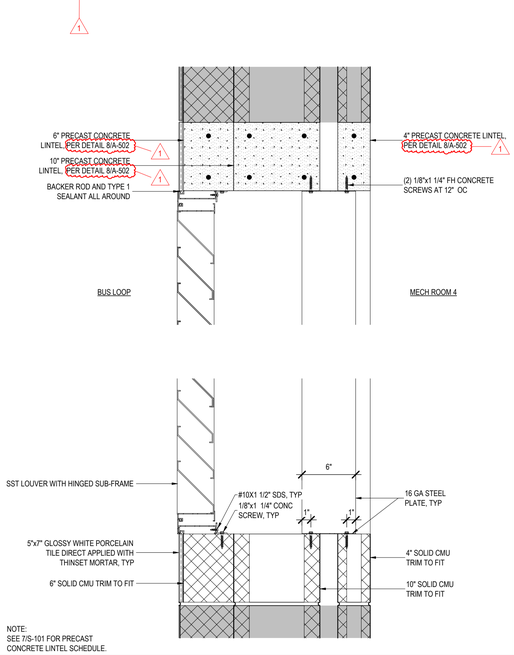
1. PROVIDE TEMPORARY SHORING OF MASONRY CONSTRUCTION ABOVE TO ACCOMMODATE SAFE INSTALLATION WHILE PREVENTING SETTLEMENT, MOVEMENT, CRACKING, OR DISTORTION OF MATERIALS.
2. MEMBER SIZES GIVEN ARE ONLY FOR SUPPORT OF MASONRY OPENING WITH NO ADDITIONAL SUPERIMPOSED LOADS ABOVE.
3. PROVIDE 8" MIN BEARING OF LINTELS AT EACH END U.N.O.
4. PROVIDE CUTTING AND PATCHING OF ALL SURROUNDING MATERIALS AND FINISHES REQUIRED TO INSTALL LINTELS.
5. UNLESS NOTED OTHERWISE, TOOTH NEW INFILL MASONRY INTO EXISTING MATERIAL AND MATCH THE EXISTING BOND PATTERN.
6. CUT ALL NEW MASONRY TO FIT WITHIN AND MATCH EXISTING MASONRY BOND PATTERN.
7. CUT ALL NEW MASONRY AS REQUIRED AND BED / SLUSH SOLID AROUND LINTELS FOR SOLID BEARING.

8	PRECAST CONCRETE LINTEL SCHEDULE
REF:	SCALE: 1/2" = 1'-0"



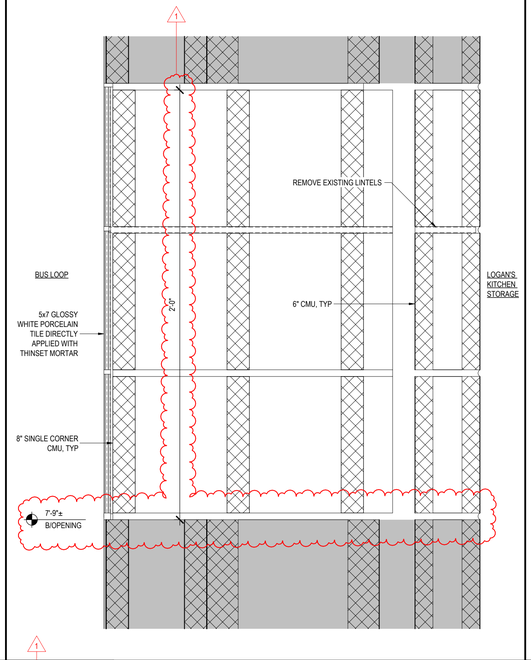
NOTE:
BLOCK JOINTS MAY BE STAGGERED FROM WYTHE TO WYTHE, TOOTH IN CMU TO MAINTAIN EXISTING STAGGERS.

1	PLAN AT LOUVER AND DUCT PENETRATION
REF: 1 / A-102	SCALE: 1 1/2" = 1'-0"

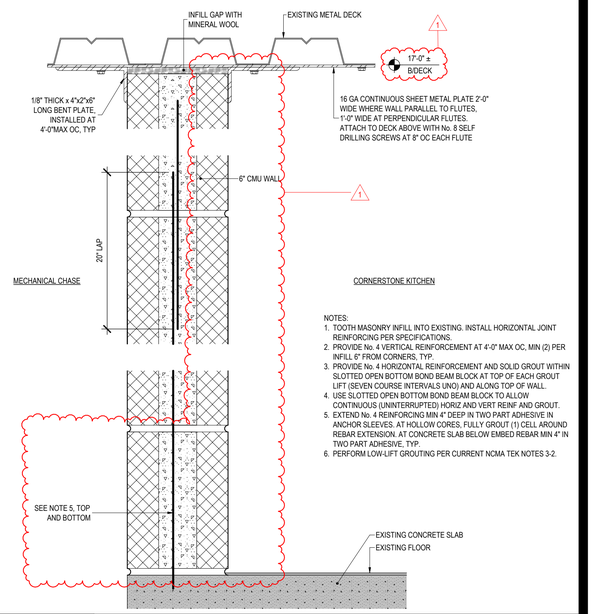


NOTE:
SEE 7/S-101 FOR PRECAST CONCRETE LINTEL SCHEDULE.

2	LOUVER HEAD AND SILL DETAIL
REF: 1 / A-102	SCALE: 1 1/2" = 1'-0"



3	WALL INFILL AT BUS LOOP
REF: 1 / A-102	SCALE: 3" = 1'-0"



NOTES:
1. TOOTH MASONRY INFILL INTO EXISTING. INSTALL HORIZONTAL JOINT REINFORCING PER SPECIFICATIONS.
2. PROVIDE No. 4 VERTICAL REINFORCEMENT AT 4'-0" MAX OC, MIN (2) PER INFILL 6" FROM CORNERS, TYP.
3. PROVIDE No. 4 HORIZONTAL REINFORCEMENT AND SOLID GROUT WITHIN SLOTTED OPEN BOTTOM BOND BEAM BLOCK AT TOP OF EACH GROUT LIFT (SEVEN COURSE INTERVALS UNO) AND ALONG TOP OF WALL.
4. USE SLOTTED OPEN BOTTOM BOND BEAM BLOCK TO ALLOW CONTINUOUS (UNINTERRUPTED) HORIZ AND VERT REINF AND GROUT.
5. EXTEND No. 4 REINFORCING MIN 4" DEEP IN TWO PART ADHESIVE IN ANCHOR SLEEVES. AT HOLLOW CORES, FULLY GROUT (1) CELL AROUND REBAR EXTENSION. AT CONCRETE SLAB BELOW EMBED REBAR MIN 4" IN TWO PART ADHESIVE, TYP.
6. PERFORM LOW-LIFT GROUTING PER CURRENT NCMA TEK NOTES 3-2.

4	WALL INFILL SECTION DETAIL
REF: 1 / A-101	SCALE: 3" = 1'-0"

36x24 PLOT SHEET

NEW YORK STATE | Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0022677

SPRING LINE DESIGN
ARCHITECTURE + ENGINEERING

ENERGY CODE COMPLIANCE STATEMENT:

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REGISTERED ARCHITECT
KRISTIN KNICKERBOCKER
027957
STATE OF NEW YORK

REGISTRATION EXPIRES: 12/31/2026

CONTRACT:
CONSTRUCTION

TITLE:
REHABILITATE EXHAUST AND PLUMBING, FOOD SERVICE LOCATIONS

LOCATION:
EMPIRE STATE PLAZA
ALBANY, NY

CLIENT:
NEW YORK STATE OFFICE OF GENERAL SERVICES

REVISED DRAWING 2025-09-02

MARK	DATE	DESCRIPTION
1	2025-09-02	ADDENDUM 2
	2025-06-13	BID DOCUMENT

PROJECT NUMBER:	47451 - C
DESIGNED BY:	KK
DRAWN BY:	SS
FIELD CHECK:	
APPROVED:	

SHEET TITLE:
DETAILS

DRAWING NUMBER:
A-502

SHEET 16 OF 70

NOT USED

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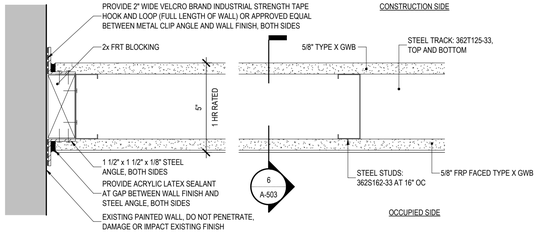
REF:	SCALE:



7	TEMPORARY PARTITION PLAN
REF: 1 / A-102	SCALE: 3" = 1'-0"

NOT USED

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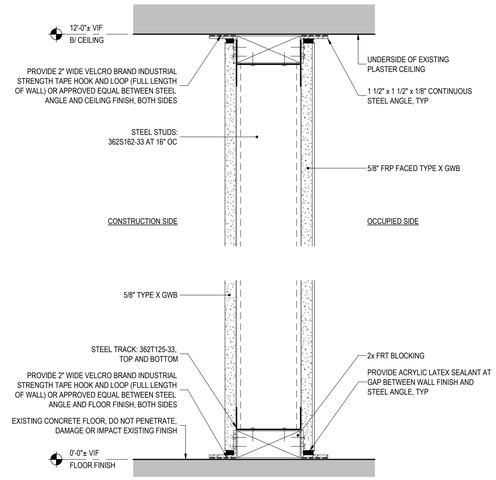
REF:	SCALE:



6	TEMPORARY PARTITION SECTION
REF: 7 / A-503	SCALE: 3" = 1'-0"

NOT USED

3	NOT USED
REF:	SCALE:

NOT USED

1	NOT USED
REF:	SCALE:

NOT USED

2	NOT USED
REF:	SCALE:

NOT USED

3	NOT USED
REF:	SCALE:

36x24 PLOT SHEET

NEW YORK STATE | Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0022677

SPRING LINE DESIGN
ARCHITECTURE + ENGINEERING

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REGISTERED ARCHITECT
KRISTIN KNICKERBOCKER
027957
STATE OF NEW YORK

REGISTRATION EXPIRES: 12/31/2026

CONTRACT:
CONSTRUCTION

TITLE:
REHABILITATE EXHAUST AND PLUMBING, FOOD SERVICE LOCATIONS

LOCATION:
EMPIRE STATE PLAZA
ALBANY, NY

CLIENT:
NEW YORK STATE OFFICE OF GENERAL SERVICES

REVISED DRAWING 2025-09-02

MARK	DATE	DESCRIPTION
1	2025-09-02	ADDENDUM 2
	2025-06-13	BID DOCUMENT

PROJECT NUMBER:	47451 - C
DESIGNED BY:	KK
DRAWN BY:	SS
FIELD CHECK:	
APPROVED:	

SHEET TITLE:
DETAILS

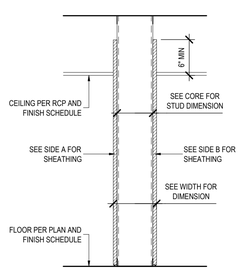
DRAWING NUMBER:
A-503

SHEET 17 OF 70

TYPE	SIDE A	CORE	SIDE B	WIDTH	STC	FIRE	NOTES
SCT0.1	5/8" MOISTURE RESISTANT GWB	STUDS: 600S162-33 AT 16"OC, TRACKS: 600T125-33 AT TOP AND BOTTOM	22 GA SST 316 No. 4 FINISH ON 5/8" GWB	7"	0	0	KEEP SIDE ON KITCHEN SIDE B

1 PARTITION TYPE No. SCT0.1

REF: SCALE: 1" = 1'-0"

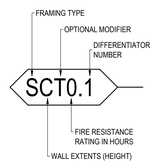


TYPE	SIDE A	CORE	SIDE B	WIDTH	STC	FIRE	NOTES
SC0.1	5/8" GWB	STUDS: 600S162-33 AT 16"OC, TRACKS: 600T125-33 AT TOP AND BOTTOM	5/8" GWB	7 1/4"	0	0	

2 PARTITION TYPE No. SC0.1

REF: SCALE: 1" = 1'-0"

PARTITION TAG KEY:



FRAMING TYPE
S: STEEL STUDS
U: CONCRETE MASONRY UNITS

WALL EXTENTS (HEIGHT)
C: EXTEND ALL LAYERS OF SHEATHING 6" ABOVE CEILING
P: PARTIAL HEIGHT
U: UNDERSIDE OF CEILING

FIRE RESISTANCE RATINGS
0: NO RATING

OPTIONAL MODIFIERS:
G: FILL CMU CORES WITH GROUT
T: PROVIDE SST FINISH ON ONE SIDE

3 TAG KEY

SCALE: NTS

ROOM FINISH SCHEDULE

ROOM NAME	ROOM NUMBER	WALL NORTH	WALL SOUTH	WALL EAST	WALL WEST	FLOOR	CEILING	REMARKS
LOGAN'S KITCHEN STORAGE	124	IAL-3-LO	IAL-3-LO.1	IAL-3-LO	IAL-3-LO	VCT	24"x24" WASHABLE PANEL	

FINISH SCHEDULE ABBREVIATIONS:
IAL: INTERIOR ACRYLIC LATEX PAINT, COLOR TO BE SELECTED BY DIRECTOR'S REPRESENTATIVE
VCT: VINYL COMPOSITION TILE
LO: LOW ODOR

5 FINISH SCHEDULE

SCALE: 1" = 1'-0"

NOT USED

4 NOT USED

REF: SCALE:

36x24 PLOT SHEET

NEW YORK STATE | Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CERTIFICATE OF AUTHORIZATION No.: 0022677

SPRING LINE DESIGN
ARCHITECTURE + ENGINEERING

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027957
STATE OF NEW YORK

REGISTRATION EXPIRES: 12/31/2026

CONTRACT:
CONSTRUCTION

TITLE:
REHABILITATE EXHAUST AND PLUMBING, FOOD SERVICE LOCATIONS

LOCATION:
EMPIRE STATE PLAZA
ALBANY, NY

CLIENT:
NEW YORK STATE OFFICE OF GENERAL SERVICES

REVISED DRAWING 2025-09-02

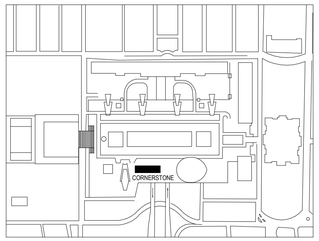
MARK	DATE	DESCRIPTION
2	2025-09-02	ADDENDUM 2
	2025-06-13	BID DOCUMENT

PROJECT NUMBER:	47451 - C
DESIGNED BY:	KK
DRAWN BY:	SS
FIELD CHECK:	
APPROVED:	

SHEET TITLE:
SCHEDULE

DRAWING NUMBER:
A-601

SHEET 18 OF 70



KEY PLAN

COLOR LEGEND:

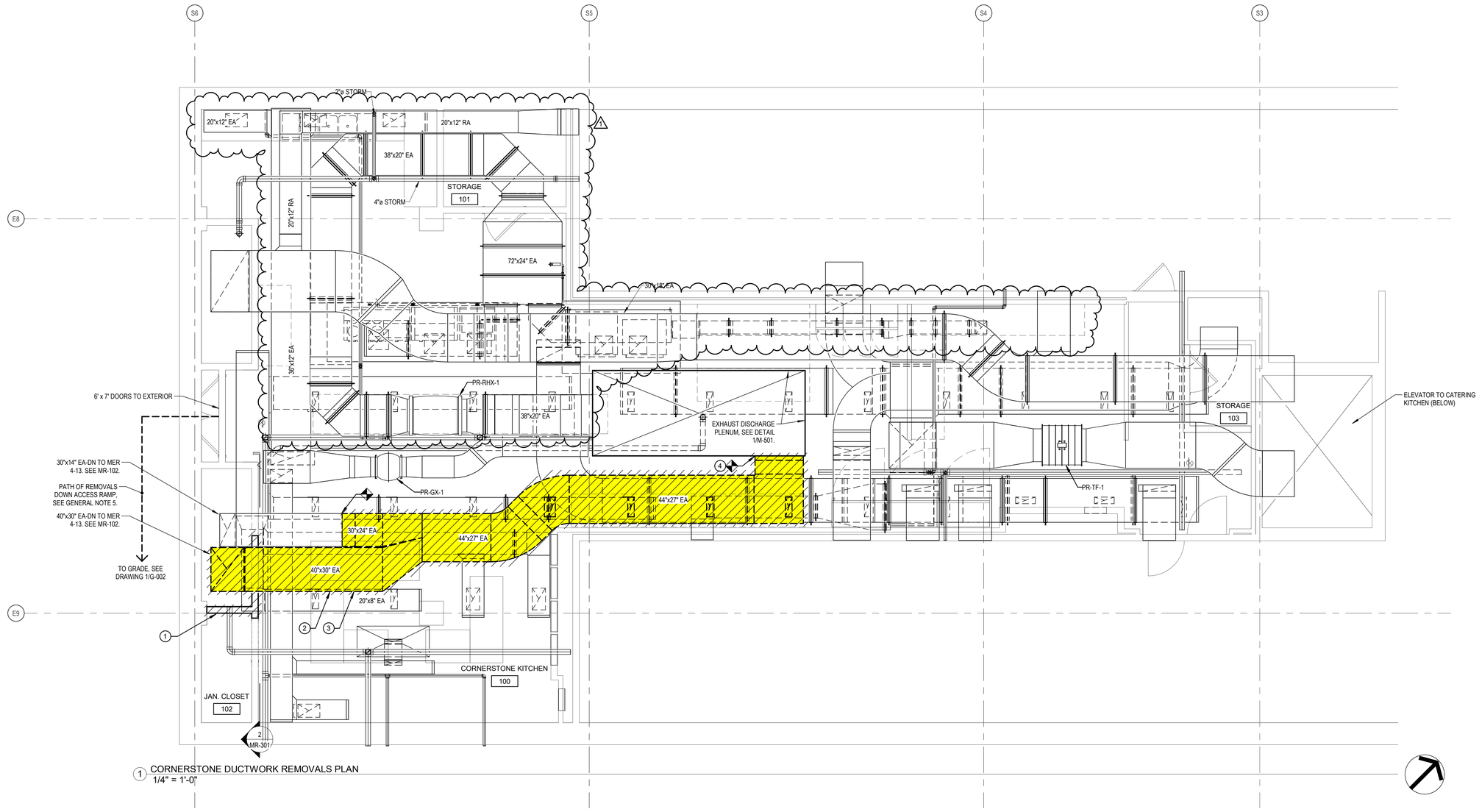
REMOVE GENERAL EXHAUST DUCTWORK (GALVANIZED STEEL DUCT WITH FLANGES OR SLIP JOINTS)

GENERAL NOTES:

1. REFER TO G-003 FOR CONSTRUCTION SEQUENCING REQUIREMENTS.
2. REFER TO H-SERIES DRAWINGS FOR HAZARDOUS MATERIAL ABATEMENT ASSOCIATED WITH REMOVALS.
3. REMOVE DUCTWORK INCLUDING ALL ASSOCIATED HANGER SUPPORTS, CONTROL DAMPERS AND REGISTERS.
4. REFER TO A-SERIES DRAWINGS FOR CEILING REMOVALS. SEE DRAWING MR-104
5. SEE AIR FLOW DIAGRAMS ON DRAWING M-701 FOR HVAC SYSTEM CONFIGURATION.
6. DISMANTLE ALL REMOVAL COMPONENTS SUCH THAT THEY WILL FIT THROUGH THE 6' WIDE x 7' HIGH DOORWAY TO THE EXTERIOR AND DOWN THE ENTRY/EXIT RAMP.

KEY NOTES:

1. REMOVE PORTION OF CMU CHASE TO ACCOMMODATE ACCESS TO DUCT RISER. SEE A-SERIES DRAWINGS.
2. 3/4" CONDUIT FASTENED TO DUCTWORK, REFER TO E-SERIES DRAWINGS.
3. REMOVE DAMPER ACTUATOR AND ASSOCIATED PNEUMATICS LOCATED ON EXHAUST DUCTWORK.
4. DISCONNECT DUCT AT CONNECTION TO EXHAUST DISCHARGE PLENUM.



1 CORNERSTONE DUCTWORK REMOVALS PLAN
1/4" = 1'-0"

36X24 PLOT SHEET

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT:

CERTIFICATE OF AUTHORIZATION #: 0018644

SAGE ENGINEERING ASSOCIATES, LLP

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REGISTRATION EXPIRES: 02/28/2026

CONTRACT:

CONSTRUCTION

TITLE:

REHABILITATE EXHAUST & PLUMBING, FOOD SERVICE LOCATIONS

LOCATION:

CONCOURSE
EMPIRE STATE PLAZA
ALBANY, NY

CLIENT:

OFFICE OF GENERAL SERVICES

REVISED DRAWING 2025-09-02

MARK	DATE	DESCRIPTION
1	2025-09-02	ADDENDUM 2
	2025-06-13	BID DOCUMENT

PROJECT NUMBER:	47451 - C
DESIGNED BY:	MWM
DRAWN BY:	MWM
FIELD CHECK:	-
APPROVED:	DPL

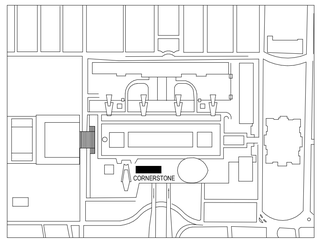
SHEET TITLE:

CORNERSTONE MECHANICAL REMOVALS PLAN

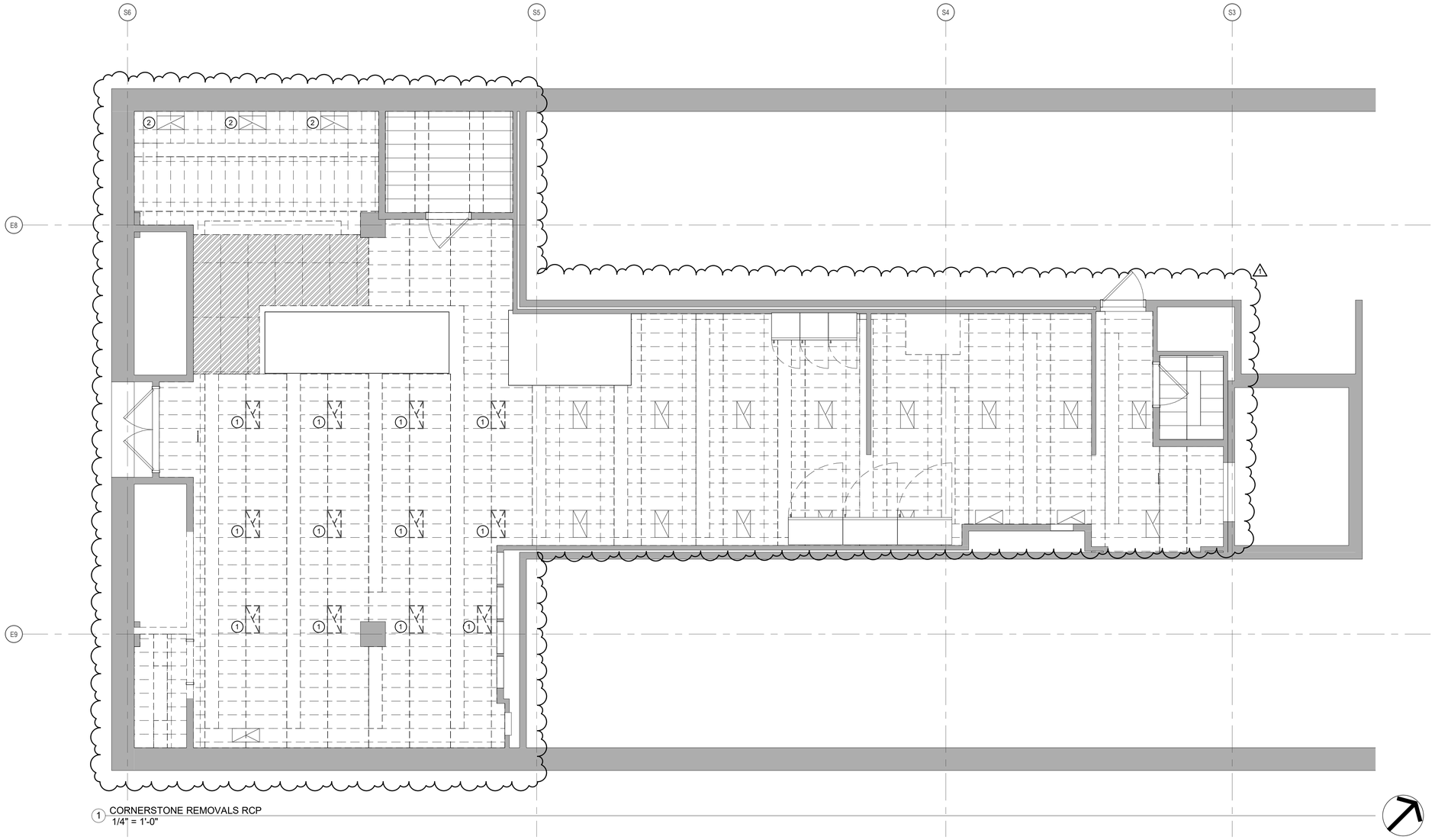
DRAWING NUMBER

MR-101

SHEET 22 OF 70



KEY PLAN



1 CORNERSTONE REMOVALS RCP
1/4" = 1'-0"

GENERAL NOTES:

1. REFER TO G-003 FOR CONSTRUCTION SEQUENCING REQUIREMENTS.

2. REFER TO H-SERIES DRAWINGS FOR HAZARDOUS MATERIAL ABATEMENT ASSOCIATED WITH REMOVALS.

3. REFER TO A-SERIES DRAWINGS FOR CEILING REMOVALS.

4. DISMANTLE ALL REMOVAL COMPONENTS SUCH THAT THEY WILL FIT THROUGH THE 6' WIDE x 7' HIGH DOORWAY TO THE EXTERIOR AND DOWN THE ENTRY/EXIT RAMP.

KEY NOTES:

(1) REMOVE SUPPLY DIFFUSER AND CAP ASSOCIATED DUCTWORK IN COORDINATION WITH CEILING REMOVAL.

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT:

CERTIFICATE OF AUTHORIZATION #: 0018644

SAGE ENGINEERING ASSOCIATES, LLP

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REGISTRATION EXPIRES: 02/28/2026

CONTRACT:

CONSTRUCTION

TITLE:
REHABILITATE EXHAUST & PLUMBING, FOOD SERVICE LOCATIONS

LOCATION:
CONCOURSE
EMPIRE STATE PLAZA
ALBANY, NY

CLIENT:
OFFICE OF GENERAL SERVICES

REVISED DRAWING 2025-09-02

MARK	DATE	DESCRIPTION
1	2025-09-02	ADDENDUM 2
	2025-06-13	BID DOCUMENT

PROJECT NUMBER:	47451 - C
DESIGNED BY:	MWM
DRAWN BY:	MWM
FIELD CHECK:	-
APPROVED:	DPL

SHEET TITLE:

CORNERSTONE RCP REMOVALS PLAN

DRAWING NUMBER

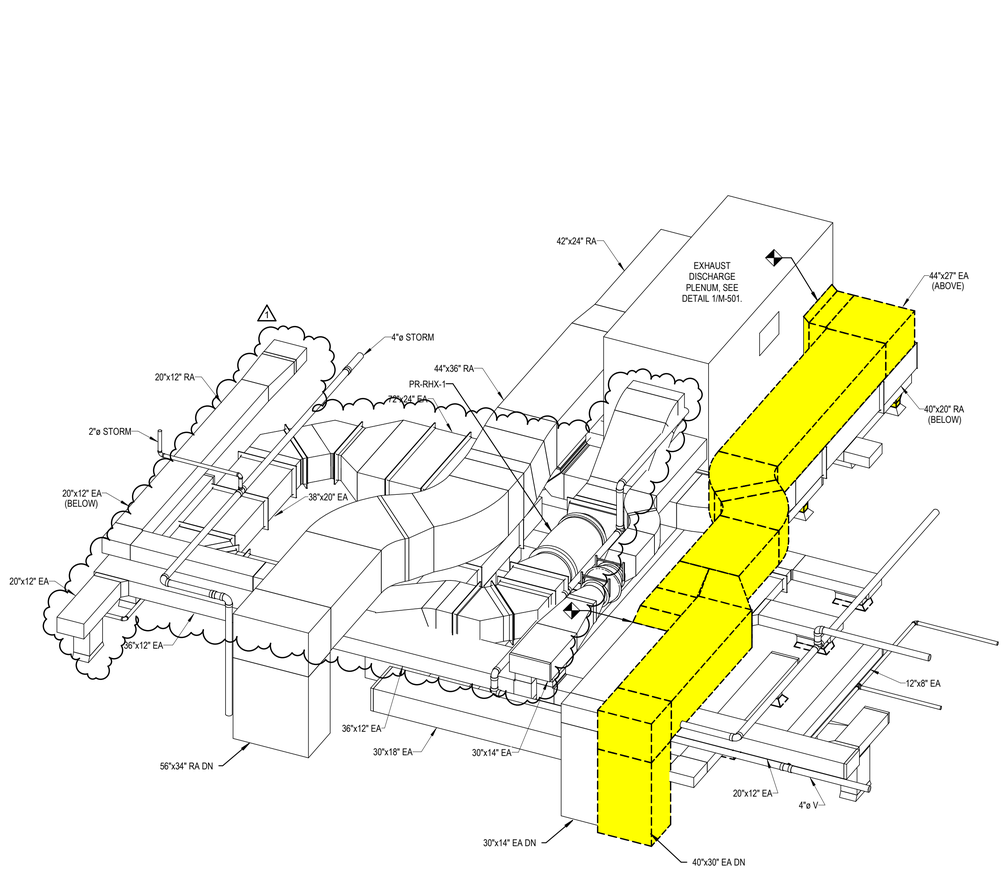
MR-104

SHEET 25 OF 70

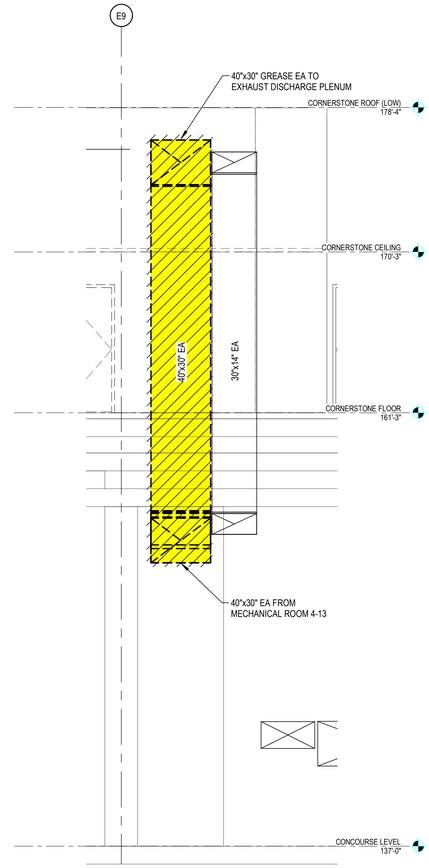
36X24 PLOT SHEET

COLOR LEGEND:

REMOVE GREASE EXHAUST DUCTWORK (WELDED BLACK STEEL DUCT WITH FLANGED JOINTS)



1 CORNERSTONE DUCTWORK REMOVALS 3D
N.T.S.



2 MER-4-13 TO CORNERSTONE KITCHEN CHASE REMOVALS SECTION
1/4" = 1'-0"

36X24 PLOT SHEET

NEW YORK STATE OF OPPORTUNITY. | Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT:

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SAGE ENGINEERING ASSOCIATES, LLP

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REGISTRATION EXPIRES: 02/28/2026

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TITLE:
REHABILITATE EXHAUST & PLUMBING, FOOD SERVICE LOCATIONS

LOCATION:
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EMPIRE STATE PLAZA
ALBANY, NY

CLIENT:
OFFICE OF GENERAL SERVICES

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MARK	DATE	DESCRIPTION
1	2025-09-02	ADDENDUM 2
	2025-06-13	BID DOCUMENT
PROJECT NUMBER:	47451 - C	
DESIGNED BY:	MWM	
DRAWN BY:	MWM	
FIELD CHECK:	-	
APPROVED:	DPL	

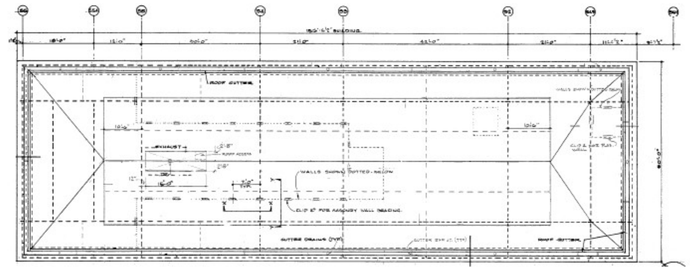
SHEET TITLE:

SECTIONS & 3D VIEWS REMOVALS

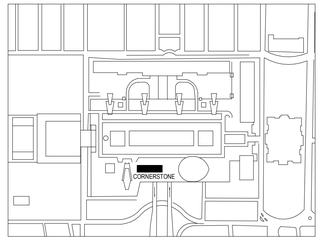
DRAWING NUMBER

MR-301

SHEET 28 OF 70



2 CORNERSTONE EXISTING ROOF PLAN
N.T.S.



KEY PLAN

KEY NOTES:

1. PROVIDE MANUFACTURERS PREFABRICATED ACCESS DOOR IN GREASE EXHAUST DUCT.
2. REFER TO A-SERIES DRAWINGS FOR CHASE RECONSTRUCTION.
3. CONNECT DUCT TO EXISTING EXHAUST DISCHARGE PLENUM SIMILAR TO EXISTING. REFER TO DETAIL 2/M-501. ACCESS TO PLENUM IS VIA ROOF. SEE DETAIL 4/M-501.

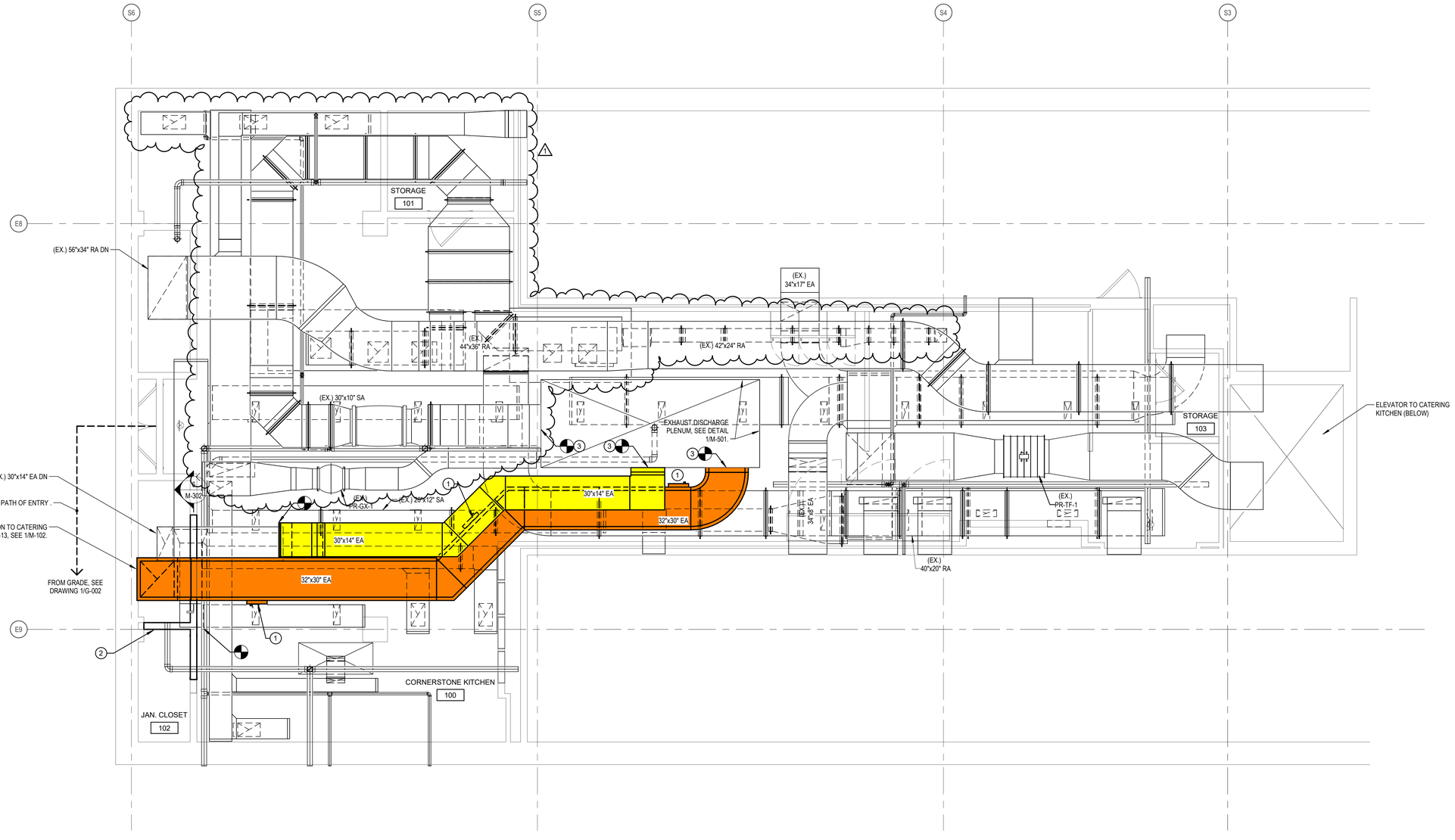
COLOR LEGEND:

PROVIDE GREASE EXHAUST DUCTWORK

PROVIDE REPLACEMENT GENERAL EXHAUST DUCT

GENERAL NOTES:

1. REFER TO G-003 FOR CONSTRUCTION SEQUENCING REQUIREMENTS.
2. REFER TO A-SERIES DRAWINGS FOR CEILING REPLACEMENT.
3. SUPPORT DUCTS FROM ROOF STRUCTURE WITH BEAM CLAMPS AND THREADED RODS. SEE DETAILS 2/M-502 & 3/M-502.
4. DOUBLE-WALL GREASE DUCTWORK SIZES INDICATE NET CLEAR INTERIOR DIMENSIONS.



1 CORNERSTONE DUCTWORK INSTALLATION PLAN
1/4" = 1'-0"

36X24 PLOT SHEET

NEW YORK STATE OF OPPORTUNITY. **Office of General Services**

DESIGN & CONSTRUCTION

CONSULTANT:

CERTIFICATE OF AUTHORIZATION #: 0018644

SAGE ENGINEERING ASSOCIATES, LLP

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REGISTRATION EXPIRES: 02/28/2026

CONTRACT:
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TITLE:
REHABILITATE EXHAUST & PLUMBING, FOOD SERVICE LOCATIONS

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CONCOURSE
EMPIRE STATE PLAZA
ALBANY, NY

CLIENT:
OFFICE OF GENERAL SERVICES

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MARK	DATE	DESCRIPTION
1	2025-09-02	ADDENDUM 2
	2025-06-13	BID DOCUMENT

PROJECT NUMBER:	47451 - C
DESIGNED BY:	MWM
DRAWN BY:	MWM
FIELD CHECK:	-
APPROVED:	DPL

SHEET TITLE:
CORNERSTONE MECHANICAL INSTALLATION PLAN

DRAWING NUMBER
M-101

SHEET 31 OF 70

COLOR LEGEND:

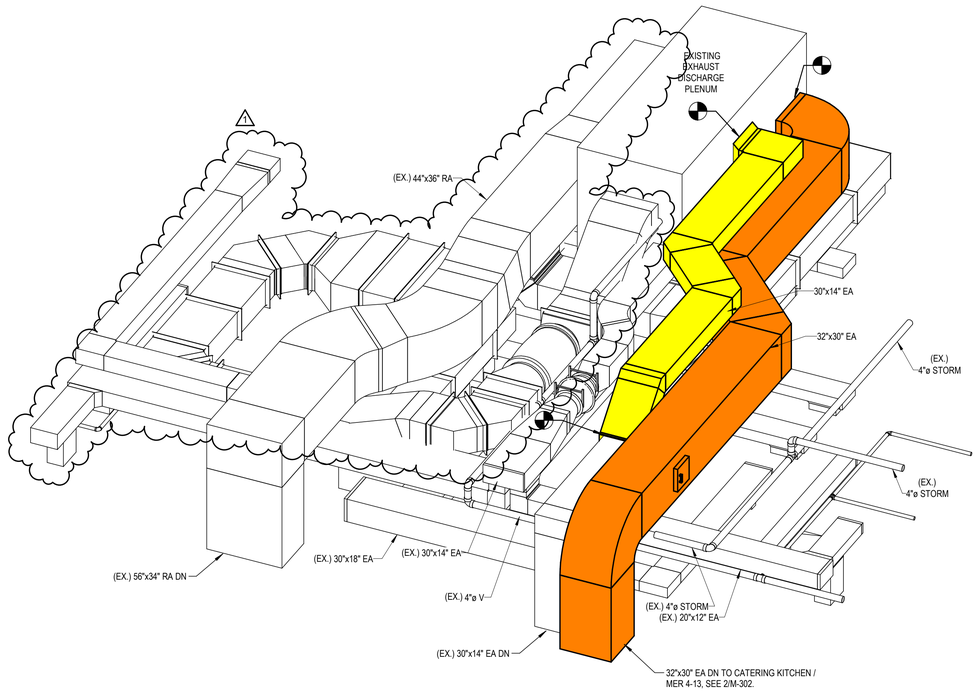
PROVIDE GREASE EXHAUST DUCTWORK

PROVIDE REPLACEMENT GENERAL EXHAUST DUCT

GENERAL NOTES:

1. SUPPORT DUCTS FROM ROOF STEEL WITH BEAM CLAMPS AND THREADED RODS.

2. DOUBLE-WALL GREASE DUCTWORK SIZES INDICATE NET CLEAR INTERIOR DIMENSIONS.



1 CORNERSTONE DUCTWORK INSTALLATION 3D
N.T.S.

36X24 PLOT SHEET

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

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REGISTRATION EXPIRES: 02/28/2026

CONTRACT:

CONSTRUCTION

TITLE:

REHABILITATE EXHAUST & PLUMBING, FOOD SERVICE LOCATIONS

LOCATION:

CONCOURSE
EMPIRE STATE PLAZA
ALBANY, NY

CLIENT:

OFFICE OF GENERAL SERVICES

REVISED DRAWING 2025-09-02

MARK	DATE	DESCRIPTION
1	2025-09-02	ADDENDUM 2
	2025-06-13	BID DOCUMENT
PROJECT NUMBER:	47451 - C	
DESIGNED BY:	MWM	
DRAWN BY:	MWM	
FIELD CHECK:	-	
APPROVED:	DPL	

SHEET TITLE:

CORNERSTONE SECTIONS & 3D VIEWS

DRAWING NUMBER

M-301

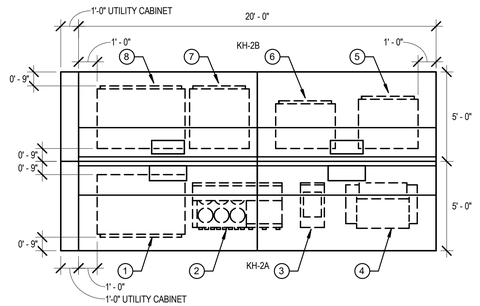
SHEET 38 OF 70

GENERAL NOTES:

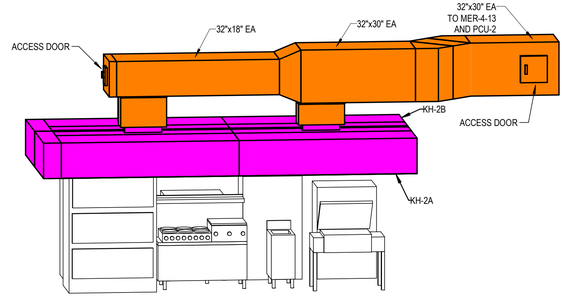
1. REFER TO DRAWING M-502 FOR ARRANGEMENT OF HOODS AND HOOD FIRE SUPPRESSION SYSTEMS.

KEY NOTES:

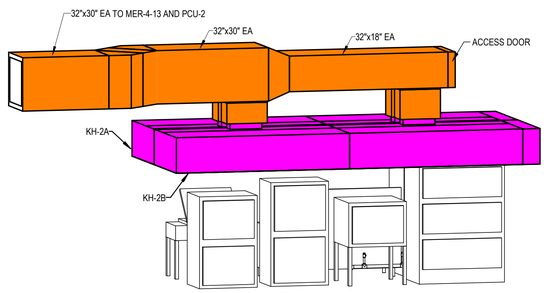
1. 4'-8"W x 3'-3"D x 5'-10"H DOUBLE STACKED CONVECTION OVEN.
2. 5'-0"W x 2'-7"D RANGE WITH 2'-0"W x 2'-0"D COOKING AREA AND BURNER RANGE TOP WITH 2'-9"W x 2'-4"D COOKING AREA.
3. 1'-4"W x 2'-6"D FRYER WITH 1'-0"W x 1'-5"D COOKING AREA
4. 3'-0"W x 2'-6"D OVERTURNING KETTLE
5. 3'-4"W x 2'-9"D x 5'-2"H DOUBLE STACKED CONVECTION OVEN.
6. 3'-5"W x 2'-6"D x 5'-10"H DOUBLE STACKED CONVECTION OVEN.
7. 3'-4"W x 3'-4"D x 2'-6"H CONVECTION OVEN.
8. 4'-10"W x 3'-4"D x 6'-0"H TRIPLE STACKED CONVECTION OVEN.



3 CATERING KITCHEN HOOD EQUIPMENT DIMENSIONS
1/4" = 1'-0"



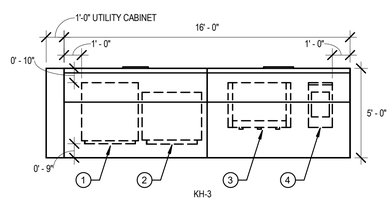
4 CATERING KITCHEN HOOD (KH-2A) INSTALLATION 3D VIEW
N.T.S.



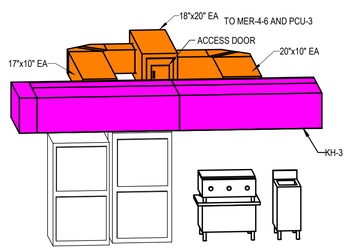
5 CATERING KITCHEN HOOD (KH-2B) INSTALLATION 3D VIEW
N.T.S.

KEY NOTES:

1. 3'-2"W x 3'-5"D x 5'-10"H DOUBLE STACKED CONVECTION OVEN.
2. 3'-4"W x 2'-8"D x 6'-3"H DOUBLE STACKED CONVECTION OVEN.
3. 3'-6"W x 2'-7"D GRIDDLE WITH 3'-0"W x 2'-0"D COOKING AREA.
4. 1'-4"W x 2'-6"D FRYER WITH 1'-0"W x 1'-5"D COOKING AREA.



6 LOGANS KITCHEN HOOD EQUIPMENT DIMENSIONS
1/4" = 1'-0"



7 LOGANS KITCHEN HOOD (KH-3) INSTALLATION 3D VIEW
N.T.S.

36X24 PLOT SHEET

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT:

CERTIFICATE OF AUTHORIZATION #: 0018644

SAGE ENGINEERING ASSOCIATES, LLP

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STATE OF NEW YORK · DAVID P. LANE · 077492 · LICENSED PROFESSIONAL ENGINEER

REGISTRATION EXPIRES: 02/28/2026

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APPROVED:	DPL

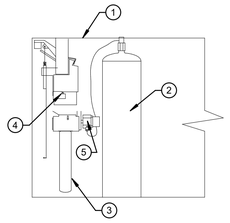
SHEET TITLE:

KITCHEN HOOD EQUIPMENT PLANS & 3D VIEWS

DRAWING NUMBER

M-304

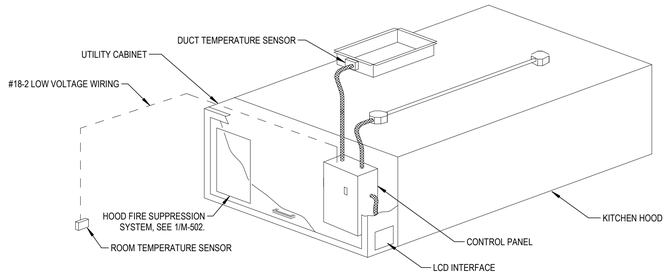
SHEET 41 OF 70



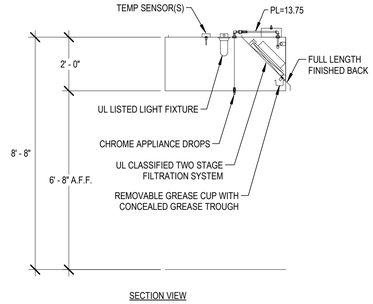
KEYED NOTES

1. HOOD UTILITY CABINET
2. AGENT STORAGE TANK (QUANTITY VARIES)
3. EXPELLENT GAS CARTRIDGE
4. RELEASE MECHANISM
5. REGULATOR

1 TYPICAL KITCHEN HOOD FIRE SUPPRESSION SYSTEM
N.T.S.

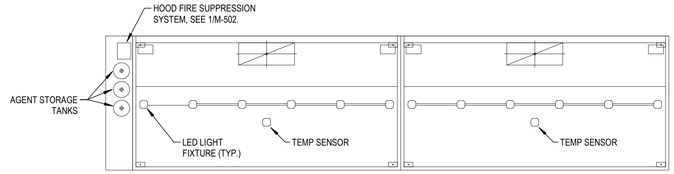


2 TYPICAL HOOD CONTROL PANEL INSTALLATION DETAIL
N.T.S.

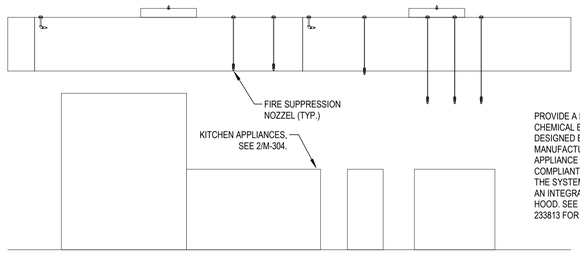


SECTION VIEW

3 TYPICAL HOOD SECTION
N.T.S.



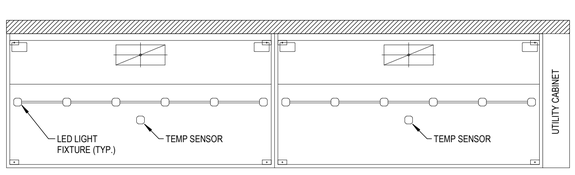
PLAN VIEW



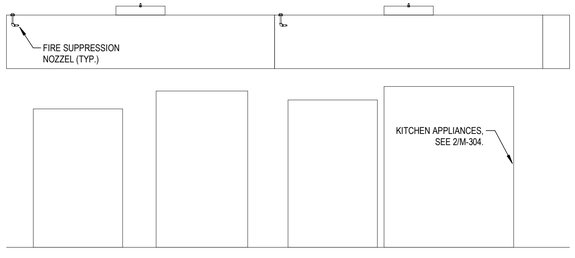
ELEVATION VIEW

PROVIDE A FACTORY PRE-ENGINEERED CHEMICAL EXTINGUISHING SYSTEM, DESIGNED BY THE HOOD MANUFACTURER FOR THE SPECIFIC APPLIANCE ARRANGEMENT, AND COMPLIANT WITH UL 300 AND NYPA 17A. THE SYSTEM SHALL BE FURNISHED AS AN INTEGRAL COMPONENT OF THE HOOD. SEE SPECIFICATION SECTION 233813 FOR ADDITIONAL INFORMATION.

6 KITCHEN HOOD (KH-2A) FIRE SUPPRESSION SYSTEM DETAIL
N.T.S.

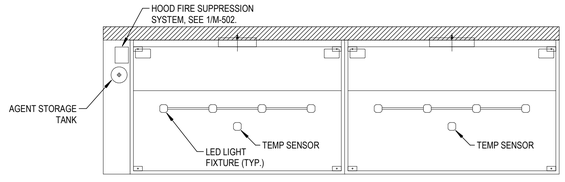


PLAN VIEW

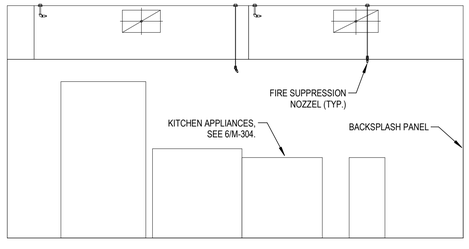


ELEVATION VIEW

7 KITCHEN HOOD (KH-2B) FIRE SUPPRESSION SYSTEM DETAIL
N.T.S.



PLAN VIEW



PROVIDE A FACTORY PRE-ENGINEERED CHEMICAL EXTINGUISHING SYSTEM, DESIGNED BY THE HOOD MANUFACTURER FOR THE SPECIFIC APPLIANCE ARRANGEMENT, AND COMPLIANT WITH UL 300 AND NYPA 17A. THE SYSTEM SHALL BE FURNISHED AS AN INTEGRAL COMPONENT OF THE HOOD. SEE SPECIFICATION SECTION 233813 FOR ADDITIONAL INFORMATION.

ELEVATION VIEW

8 KITCHEN HOOD (KH-3) FIRE SUPPRESSION SYSTEM DETAIL
N.T.S.

36X24 PLOT SHEET

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT:

CERTIFICATE OF AUTHORIZATION #: 0018644

SAGE ENGINEERING ASSOCIATES, LLP

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ALBANY, NY

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OFFICE OF GENERAL SERVICES

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1	2025-09-02	ADDENDUM 2
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PROJECT NUMBER:	47451 - C	
DESIGNED BY:	MWM	
DRAWN BY:	MWM	
FIELD CHECK:	-	
APPROVED:	DPL	

SHEET TITLE:

MECHANICAL DETAILS

DRAWING NUMBER

M-502

SHEET 43 OF 70

PLUMBING FIXTURE SCHEDULE

1. PROVIDE MANUFACTURERS PUMPOUT PORT KIT (PP1).
2. PROVIDE WITH 4" FPT INLET/OUTLET WITH 3" PLAIN END FITTING.
3. PROVIDE WITH BUILT-IN FLOW CONTROL.

TAG	TYPE	BASIS OF DESIGN MFG. AND MODEL	CONNECTION SIZE					REMARKS
			CW	HW	W	IW	V	
GT-2	GREASE TRAP	SCHIER PRODUCTS GB2			3"			1, 2, 3
GT-3	GREASE TRAP	SCHIER PRODUCTS GB2			3"			1, 2, 3

SINGLE DUCT TERMINAL UNIT SCHEDULE

TAG	AIR HANDLING UNIT	BASIS OF DESIGN MFG. AND MODEL	SIZE		FLOW (CFM)		STSTIC PRESSURE (IN. WG)			NC LEVELS	
			INLET (IN.)	OUTLET (IN.)	MIN.	MAX.	INLET	DOWNSTREAM	MIN.	RADIATED	DISCHARGE
VAV-1	AC-4-13-4	PRICE SDV	10	14 x 12	502	1,675	1.00	0.25	0.01	25	28
VAV-2	AC-4-13-4	PRICE SDV	16	24 x 18	1,260	4,200	1.00	0.25	0.01	27	22

KITCHEN HOOD SCHEDULE

1. UL LISTED, TYPE 1 GREASE HOOD.
2. PROVIDE WITH MANUFACTURERS FIRE SUPPRESSION SYSTEM WITH CABINET MOUNTED TO SIDE OF HOOD.
3. PROVIDE WITH MANUFACTURERS HOOD TEMPERATURE SENSORS FOR AUTOMATIC OPERATION.
4. PROVIDE WITH 20 GAUGE TYPE 430 STAINLESS STEEL BACKSPLASH PANEL.
5. THE HOOD SHALL BE DESIGNED, FABRICATED AND INSTALLED ACCORDING TO NFPA 96.
6. TYPE 1 HOOD SHALL BE PROTECTED WITH AN APPROVED AUTOMATIC FIRE-EXTINGUISHING SYSTEM PER FC 904.2.2.
7. REFER TO SPECIFICATION SECTION 233813 - 2.3 FOR EXTINGUISHING AGENT DETAILS.

TAG	SERVICE	STYLE	EXHAUST		SIZE			ACCESSORIES		GREASE FILTERS		MOUNTING HEIGHT (BOTTOM OF HOOD)	BASIS OF DESIGN MFG. AND MODEL	REMARKS
			TOTAL EXHAUST CFM	S.P. (IN. W.)	WIDTH	LENGTH	HEIGHT	FIRE PROTECTION	LIGHT TYPE & QTY.	QTY.	SIZE & QTY.			
KH-2A	CATERING KITCHEN	WALL CANOPY	5,260	0.920	5'-0"	20'-0"	2'-0"	INTEGRAL	INCANDESCENT / CFL (12)	12	20" W x 20" H (12)	6'-8"	GREENHECK GGEW-240.00-S	1, 2, 3
KH-2B	CATERING KITCHEN	WALL CANOPY	4,500	0.793	5'-0"	20'-0"	2'-0"	INTEGRAL	INCANDESCENT / CFL (12)	12	20" W x 20" H (12)	6'-8"	GREENHECK GGEW-240.00-S	1, 2, 3
KH-3	LOGANS KITCHEN	WALL CANOPY	3,940	0.953	4'-0"	12'-6"	2'-0"	INTEGRAL	INCANDESCENT / CFL (8)	12	16" W x 20" H (12)	6'-8"	GREENHECK GGEW-192.00-S	1, 2, 3, 4

POLLUTION CONTROL UNIT SCHEDULE

1. FAN AND UNIT FOR TYPE 1 GREASE.
2. PROVIDE WITH MANUFACTURERS FIRE SUPPRESSION SYSTEM.
3. PROVIDE WITH MANUFACTURERS AIRFLOW DIFFERENTIAL PRESSURE CONTROL SENSOR WITH VISUAL ALARM MOUNTED ON CONNECTED KITCHEN HOOD.

TAG	SERVICE	EXHAUST FAN INFORMATION							FILTER UNIT INFORMATION													FILTER UNIT INFORMATION	REMARKS
		FAN TYPE	TOTAL EXHAUST CFM	MOTOR INFORMATION				BASIS OF DESIGN MFG. AND MODEL	UNIT DIMENSIONS			PRE-FILTER			STANDARD EFFICIENCY FILTER			CARBON TRAY FILTER			MAIN CONTROL BOX ELECTRICAL		E.S.P. (IN. WC)	DRAIN QTY. (2)	ENCLOSURE	BASIS OF DESIGN MFG. AND MODEL	
				HP	V / Ø	RPM	FLA		LENGTH (IN.)	WIDTH (IN.)	HEIGHT (IN.)	QTY.	TYPE	SIZE	QTY.	TYPE	SIZE	QTY.	TYPE	SIZE	V / P	AMPS					
PCU-2	CATERING KITCHEN	INLINE	9,760	15	460 / 3	1725	21	GREENHECK QEI-22	188.334	68.94	61.93	12	STEEL MESH	24 x 24 x 2	28	MERV 8	24 x 24 x 1	28	ACTIVATED CARBON	24 x 24 x 1	115 / 1	15	3.0	3	NEMA-1	GREENHECK GFPS-120-PSC-I-200	1, 2, 3
PCU-3	LOGANS KITCHEN	UTILITY SET	3,940	5.7	460 / 3	1725	11	SGREENHECK USF-15	190.958	36.7	61.43	6	STEEL MESH	24 x 24 x 2	6	MERV 8	24 x 24 x 1	14	ACTIVATED CARBON	24 x 24 x 1	115 / 1	15	4.0	3	NEMA-1	GREENHECK GFPS-60-PSC-U-50	1, 2, 3

36X24 PLOT SHEET

NEW YORK STATE OF OPPORTUNITY. | Office of General Services

DESIGN & CONSTRUCTION

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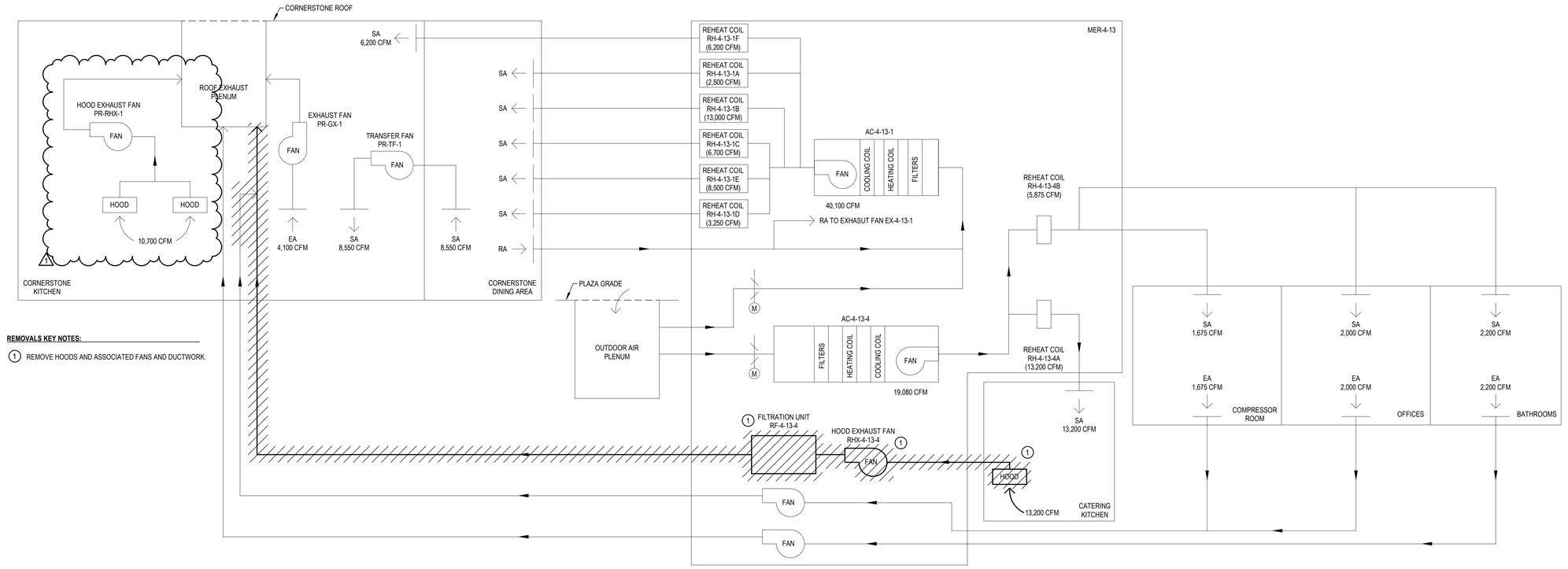
SHEET TITLE: SCHEDULES

DRAWING NUMBER: M-601

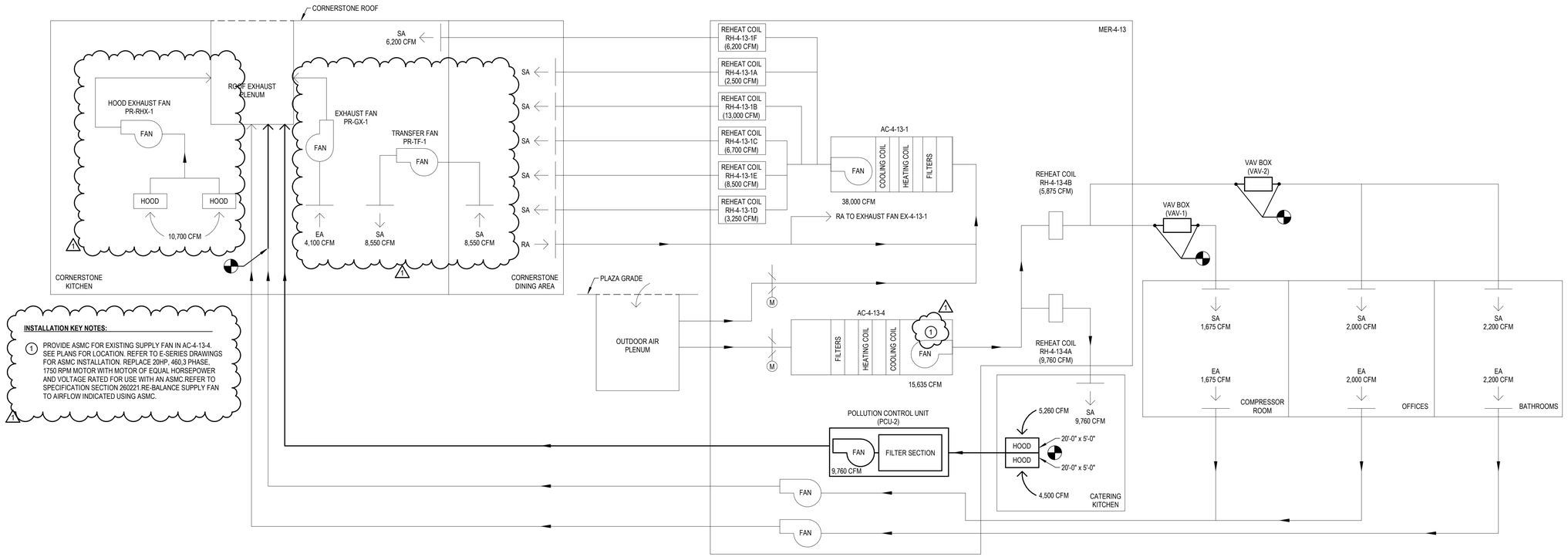
SHEET 44 OF 70



REMOVALS KEY NOTES:

1. REMOVE HOODS AND ASSOCIATED FANS AND DUCTWORK.

1 CORNERSTONE & CATERING KITCHEN REMOVALS AIR FLOW DIAGRAM
N.T.S.



INSTALLATION KEY NOTES:

1. PROVIDE ASMC FOR EXISTING SUPPLY FAN IN AC-4-13-4. SEE PLANS FOR LOCATION. REFER TO E-SERIES DRAWINGS FOR ASMC INSTALLATION. REPLACE 20HP, 460,3 PHASE, 1750 RPM MOTOR WITH MOTOR OF EQUAL HORSEPOWER AND VOLTAGE RATED FOR USE WITH AN ASMC.REFER TO SPECIFICATION SECTION 260221.RE-BALANCE SUPPLY FAN TO AIRFLOW INDICATED USING ASMC.

2 CORNERSTONE & CATERING KITCHEN INSTALLATION AIR FLOW DIAGRAM
N.T.S.

36X24 PLOT SHEET

NEW YORK STATE OF OPPORTUNITY. Office of General Services

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APPROVED:	DPL

SHEET TITLE:

AIR FLOW DIAGRAMS

DRAWING NUMBER

M-701

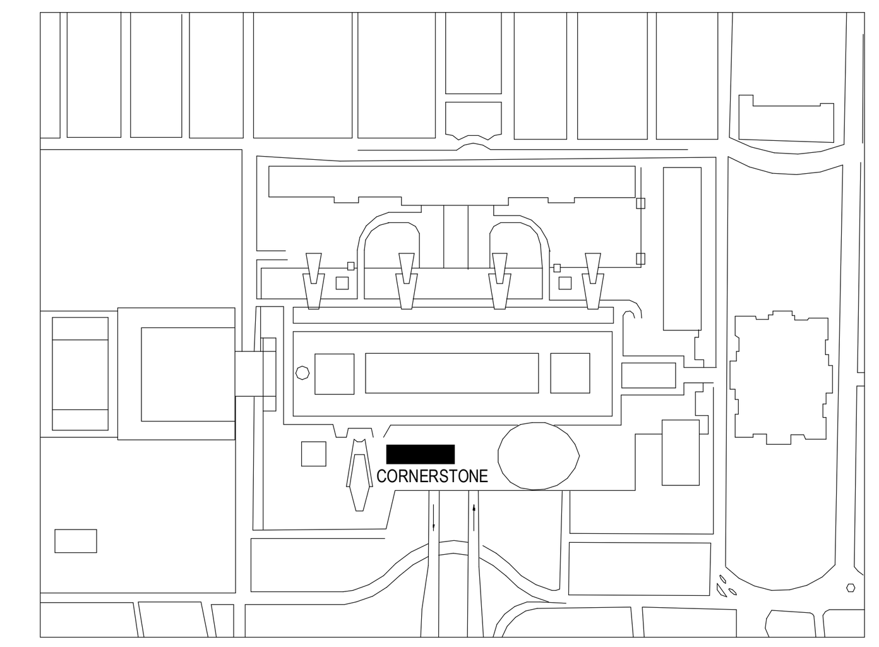
SHEET 45 OF 70

GENERAL NOTES:

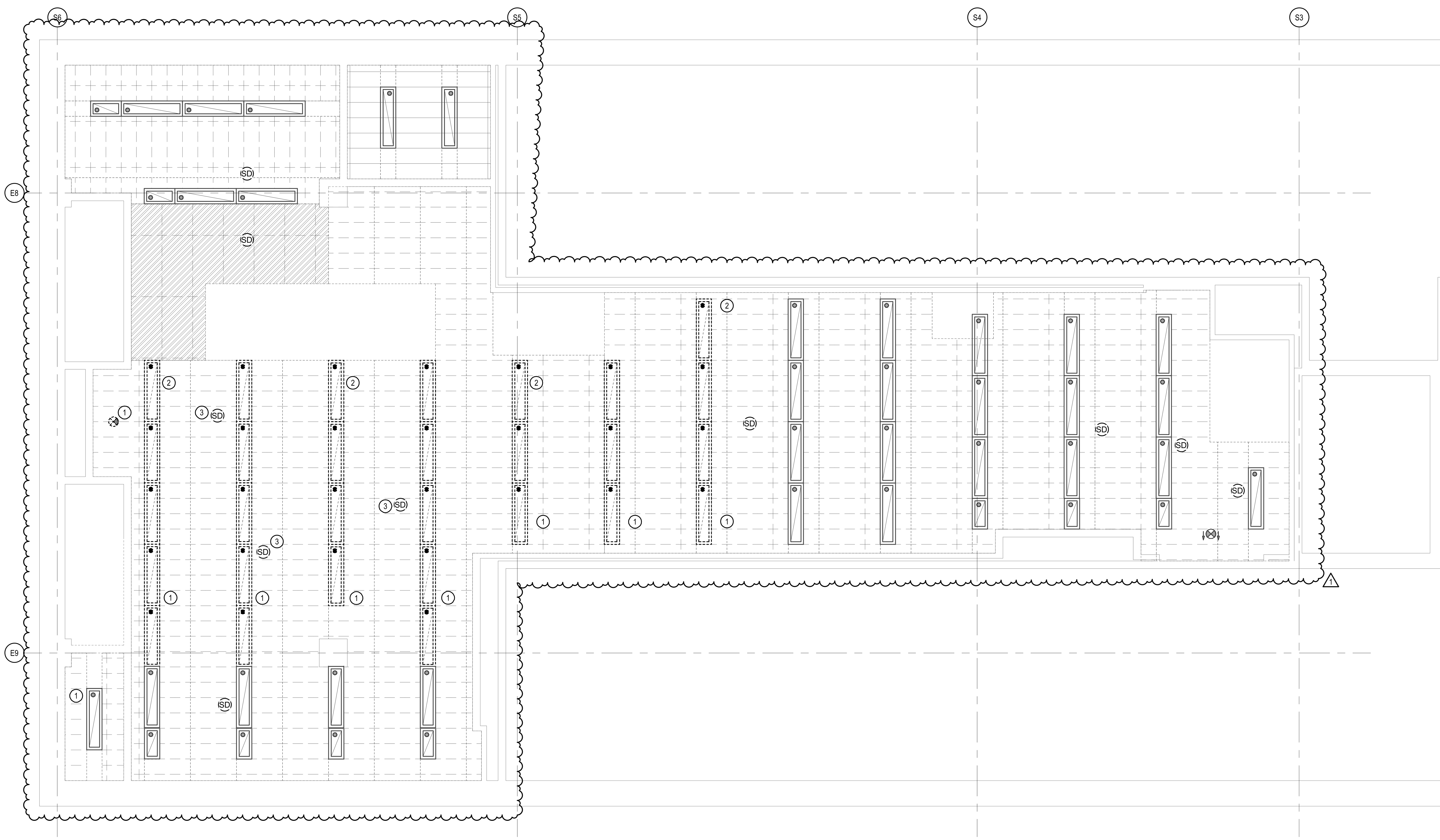
1. REFER TO GENERAL NOTES ON E-001.

KEYED NOTES:

1. REMOVE EXISTING RECESSED 1X4 LIGHT FIXTURES SHOWN AND REMOVE ASSOCIATED CONDUIT AND WIRING. PRESERVE EXISTING CIRCUIT HOMERUN FOR REUSE. MAINTAIN EXISTING SWITCHING. REMOVE EXISTING EXIT SIGNS SHOWN.
2. SALVAGE INDICATED FIXTURES, REINSTALL AND SUPPORT WITH CHAIN HANGERS FROM STRUCTURE TO SERVE AS "TEMPORARY" LIGHTING IN THE SPACE. RECONNECT TO EXISTING CIRCUITING AND CONTROLS.
3. REMOVE EXISTING SMOKE DETECTOR AS SHOWN AND REMOVE ASSOCIATED CONDUIT AND WIRING.



KEY PLAN



1 ER-201 CORNERSTONE LIGHTING REMOVALS
1/4" = 1'-0"

36X24 PLOT SHEET

NEW YORK STATE OF OPPORTUNITY. | Office of General Services

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STATE OF NEW YORK MICHAEL OWEN MYERS 080612 LICENSED PROFESSIONAL ENGINEER

REGISTRATION EXPIRES: 10/31/2026

CONTRACT: CONSTRUCTION

TITLE: REHABILITATE EXHAUST & PLUMBING, FOOD SERVICE LOCATIONS

LOCATION: CONCOURSE EMPIRE STATE PLAZA ALBANY, NY

CLIENT: OFFICE OF GENERAL SERVICES

REVISED DRAWING 2025-09-02

MARK	DATE	DESCRIPTION
1	2025-09-02	ADDENDUM 2
	2025-06-13	BID DOCUMENT

PROJECT NUMBER:	47451 - C
DESIGNED BY:	GWC
DRAWN BY:	RET
FIELD CHECK:	-
APPROVED:	MOM

SHEET TITLE: CORNERSTONE LIGHTING REMOVALS

DRAWING NUMBER ER-201

SHEET 60 OF 70