



# Office of General Services

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

---

## ADDENDUM NO. 3 TO PROJECT NO. Q1820

### CONSTRUCTION, HVAC, PLUMBING AND ELECTRICAL WORK RENOVATE FLOORS 5 & 12 AGENCY BUILDING 4 EMPIRE STATE PLAZA ALBANY, NY

August 22, 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.

#### HVAC WORK SPECIFICATIONS

1. SECTION 099101 CONSTRUCTION PAINTING: Add the accompanying Section (099101 - 1 thru 099101 - 8) noted "Addendum 3".

#### CONSTRUCTION WORK DRAWINGS

2. Drawing No. H-100:
  - a. Drawing No. H-100, noted "Addendum 3 dated August 21, 2025", accompanies this Addendum and supersedes the same numbered originally issued drawing.

#### HVAC WORK DRAWINGS

3. Drawing No. M-201:
  - a. Drawing No. M-201, noted "Addendum 3 dated August 21, 2025", accompanies this Addendum and supersedes the same numbered originally issued drawing.

**END OF ADDENDUM**

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

## SECTION 099101

### CONSTRUCTION PAINTING

#### PART 1 GENERAL

##### 1.01 DEFINITIONS

- A. The word “paint” in this Section refers to substrate cleaners, fillers, sealers, primers, undercoats, enamels, stains, varnishes and other first, intermediate, last or finish coatings.
- B. The word “primer” in this Section refers to substrate cleaners, fillers, sealers, undercoats, and other first or intermediate coats beneath the last or finish coating.
- C. The words “finish paint” in this Section refers to the last or final coat and previous coats of the same material or product directly beneath the last or final coat.
- D. Finish Paint Systems: Finish paint and primers applied over the same substrate shall be considered a paint system of products manufactured or recommended by the finish coat manufacturer.
  - 1. Finish paint products shall meet or exceed specified minimum physical properties.

##### 1.02 SUBMITTALS

- A. Painting Schedule: Cross-referenced Painting Schedule listing all exterior and 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 exterior substrates by building name and number, substrate to be painted and surface location.
  - 2. Designate interior substrates by building name and number, floor, room name and number, and surface to be painted.
- B. Product Data Sheets: Manufacturer’s published product data sheets describing the following for each finish paint product to be applied:
  - 1. Percent solids by weight and volume, solvent, vehicle, weight per gallon, ASTM D 523 gloss/reflectance angle, recommended wet and dry film thickness, volatile organic compound (VOC) content in lbs/gallon, product use limitations and environmental restrictions, substrate surface preparation methods, directions and precautions for mixing and thinning, recommended application methods, square foot area coverage per gallon, storage instructions, and shelf-life expiration date.
  - 2. Manufacturer’s recommended primer for each finish paint product and substrate to be painted.
  - 3. Manufacturer’s complete range of available colors for each finish paint product to be applied.

- C. Finish Paint Samples: Two finish paint samples applied over recommended primers for each substrate to be painted.
  - 1. Samples shall be in the designated color and specified ASTM D 523 reflectance.
  - 2. Label each sample with the following information:
    - a. Project number and Painting Schedule designation describing substrate location represented by the sample.
    - b. Finish paint and primer manufacturer, product names and numbers, finish paint color and reflectance.
  - 3. Leave a 1 inch wide exposed strip of unpainted substrate, primer, intermediate coatings, and finish paint specified.
  - 4. Sample Sizes:
    - a. Wall, Ceiling, and Floor Substrates: 12 inch square panels.
    - b. Finish Wood Substrates: 4 inch by 8 inch samples of each wood species.
    - c. Concrete and Concrete Masonry Unit Substrates: 4 inch square blocks.
    - d. Sheet Metals: 4 inch by 8 inch flat sheets.
    - e. Bar and Tubular Metals: 8 inch long bars or tubular stock.
  
- D. Quality Control Submittals:
  - 1. Test Reports:; Furnish certified test results from an independent testing laboratory showing that products submitted comply with the specifications, if requested by the Director's Representative.
  - 2. Certificates: Furnish certificates of compliance required under QUALITY ASSURANCE Article.

### **1.03 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. Container Labels: Label each product container with paint manufacturer's name, product name and number, color name and number, thinning and application instructions, date of manufacture and shelf-life expiration, required surface preparation, recommended coverage per gallon, wet and dry film thickness, drying time, and clean up procedures.
  
- C. Field Examples:
  - 1. Prior to on-site painting, at locations designated by the Director's Representative, apply field examples of each paint type to be applied. If the contractor plans to paint induction unit covers off-site present plan to Director's Representative to show how this will be done. It is

- recommended that the painting the induction unit covers be applied by sprayer.
2. Field examples to be applied on actual substrates to be painted and shall duplicate earlier approved paint samples.
    - a. Interior field examples to be applied in rooms and spaces to be painted with the same products.
    - b. Field Example Minimum Wet and Dry Film Thickness: As indicated on approved product data sheet.
    - c. Application: Apply each coat in a smooth uniform wet mil thickness without brush marks, laps, holidays, runs, stains, cloudiness, discolorations, nail holes and other surface imperfections.
      - 1) Leave a specified exposed width of each previous coat beneath each subsequent coat of finish paint and primer.
    - d. Use of Field Examples: Field examples shall serve as a quality control standard for acceptance or rejection of painting Work to be done under this Section.
  3. Field Example Sizes:
    - a. Induction Unit Covers: Prepare one unit cover as a sample for approval.
  4. Do not begin applying paints represented by field examples until examples have been reviewed and approved by the Director's Representative.
    - a. Protect and maintain approved field examples until all painting work represented by the example has been completed and approved.
- D. Compatibility of Paint Materials: Primers and intermediate paints shall be products manufactured or recommended by the finish paint manufacturer.
- E. Performance Criteria:
1. The following criteria are REQUIRED for products included in this section:
    - a. Paints and coatings manufactured within 500 miles (by air) of the project site shall be documented in accordance with Submittal Requirements of Item 1.03.F.
    - b. Architectural paints and coatings applied to interior walls and ceilings must not exceed the volatile organic compound (VOC) content limits established in Green Seal Standard GS-11, Paints.
    - c. Anti-corrosive and anti-rust paints applied to interior ferrous metal substrates must not exceed the VOC content limit established in Green Seal Standard GC-03, AntiCorrosive Paints.
    - d. Clear wood finishes, floor coatings, stains, primers, and shellacs applied to interior elements must not exceed the VOC content limits established in South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings.
  2. Volatile Organic Compounds: The VOC concentrations (in grams per liter) of the product shall not exceed those listed below as determined by U. S. Environmental Protection Agency (EPA) Reference Test Method 24 and the standards referenced in 1.04.E.1.
    - a. Interior Paints and Coatings:

1. Non-flat: 150
2. Flat: 50
- b. Anti-Corrosive Paints (if used in interior applications):
  1. Gloss: 250
  2. Semi-gloss: 250
  3. Flat: 250
- c. Exclude water and tinting color added at the point of sale in the calculation of VOC concentrations.
3. Chemical Component Limitations: Aromatic Compounds: the product must contain no more than 1.0% by weight of the sum total of aromatic compounds. Testing for the concentration of these compounds will be performed if they are determined to be present in the product during a materials audit.
4. Chemical Component Limitations, Other Chemicals: The manufacturer shall demonstrate that the following chemical compounds are not used as ingredients in the manufacture of the product:
  - a. Halomethanes: Methylene chloride.
  - b. Chlorinated ethanes: 1,1,1-trichloroethane.
  - c. Aromatic solvents: benzene, toluene (methylbenzene), ethylbenzene.
  - d. Chlorinated ethylenes: Vinyl chloride.
  - e. Polynuclear aromatics: Naphthalene.
  - f. Chlorobenzenes: 1,2-dichlorobenzene.
  - g. Phthalate esters: Di (2-ethylhexyl) phthalate, butyl benzyl phthalate, di-n-butyl phthalate, di-n-octyl phthalate, diethyl phthalate, dimethyl phthalate.
  - h. Miscellaneous semi-volatile organics: Isophorone.
  - i. Metals and their compounds: antimony, cadmium, hexavalent chromium, lead, mercury
  - j. Preservatives (antifouling agents): formaldehyde
  - k. Ketones: methyl ethyl ketone, methyl isobutyl ketone
  - l. Miscellaneous volatile organics: acrolein, acrylonitrile

#### **1.04 DELIVERY, STORAGE, AND HANDLING**

- A. Delivery: Deliver materials to the Site in original, unopened containers and cartons bearing manufacturer's printed labels. Do not deliver products which have exceeded their shelf life, are in open or damaged containers or cartons, or are not properly labeled as specified.
- B. Storage and Handling: Store products in a dry, well ventilated area in accordance with manufacturer's published product data sheets. Storage location shall have an ambient air temperature between 45 degrees F and 90 degrees F.

#### **1.05 PROJECT CONDITIONS**

- A. Environmental Requirements:

1. Ambient Air Temperature, Relative Humidity, Ventilation, and Surface Temperature: Comply with paint manufacturer's published product data sheet or other printed product instructions.
  2. If paint manufacturer does not provide environmental requirements, use the following:
    - a. Ambient Air Temperature: Between 45 degrees F and 75 degrees F.
    - b. Relative Humidity: Below 75 percent.
    - c. Ventilation: Maintain the painting environment free from fumes and odors throughout the Work of this Section.
    - d. Surface Temperature: At least 5 degrees F above the surface dewpoint temperature.
  3. Maintain environmental requirements throughout the drying period.
- B. The following items are not to be painted unless otherwise specified, noted or directed:
1. Existing induction unit covers in their entirety.

## **PART 2 PRODUCTS**

### **2.01 PAINT MANUFACTURERS**

- A. Where noted, the following finish paint manufacturers produce the paint types specified.
1. Benjamin Moore and Co., 51 Chestnut Ridge Rd., Montvale, NJ 07645, (201) 573-9600.

### **2.02 PAINT PRODUCTS**

- A. Cleaning Solvents: Low toxicity with flash point in excess of 100 degrees F.
1. Benjamin Moore High Performance HP6000 Oil & Grease Emulsifier.
- B. Masking Tape: Removable paper or fiber tape, self-adhesive and nonstaining.

### **2.03 FINISH PAINT TYPES**

- A. Physical Properties:
1. Specified percent solids by weight and volume, pigment by weight, wet and dry film thickness per coat, and weight per gallon are minimum physical properties of acceptable materials.
    - a. Opaque Pigmented Paints: Physical properties specified are for white titanium dioxide base before color pigments are added.
    - b. Specified minimum wet and dry film thickness per coat are for determining acceptable finish paint products. Minimum wet and dry film thickness per coat to be applied shall comply with approved finish paint manufacturer's product data sheets.
  2. Gloss or Reflectance: The following ASTM D 523 specified light levels and angles of reflectance:
    - a. Flat: Below 15 at 85 degrees.
    - b. Eggshell: Between 5 and 20 at 60 degrees.

- c. Satin: Between 15 and 35 at 60 degrees.
  - d. Semigloss: Between 30 and 65 at 60 degrees.
  - e. Gloss: Over 65 at 60 degrees.
- B. Interior Finish Paint Types:
- 1. Paint Type AUE-1: Alkyd Urethane Enamel, Semigloss.
    - a. Weight per gallon mixed: 10.6 lbs.
    - b. Solids by Volume: 51.0 percent.
    - c. Solvent: Oil.
    - d. Vehicle: Alkyd urethane.
    - e. Wet Film Thickness: 3.6 to 4.6 mils.
    - f. Dry Film Thickness: 1.8 to 2.3 mils.
    - g. Manufacturers: Benjamin Moore, or equal.
  - 2. Paint Type, AMP-1: Alkyd Metal Primer
    - a. Weight per gallon mixed: 11.2 lbs.
    - b. Solids by Volume: 50 +/- 2%.
    - c. Solvent: Oil
    - d. Vehicle: Phenolic Alkyd.
    - e. Wet Film Thickness: 3.6 to 4.6 mils
    - f. Dry Film Thickness: 1.8 to 2.3 mils
    - e. Manufacturers: Benjamin Moore, or equal.
- D. Colors: Provide paint colors either shown on contract drawings or to be selected by the Director from finish paint manufacturers available color selections.
- 1. Approved finish paint manufacturers to match designated colors of other manufacturers where colors have been shown on the contract documents.
  - 2. Safety Colors: Industry Standard ANSI Safety Colors.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Examine surfaces to be prepared, primed, or painted for compliance with contract documents, required environmental conditions, manufacturer's product data sheets, product label instructions and other written requirements.
- 1. Do not begin any phase of the work without first checking and verifying that surfaces and environmental conditions are acceptable for such work and that any earlier phase deficiencies and discrepancies have been properly corrected.
    - a. The commencement of new work shall be interpreted to mean acceptance of surfaces to be affected.

### **3.02 PREPARATION**

- A. Protection: Cover and protect both surfaces to be painted and adjacent surfaces not to be painted from existing paint removals, airborne sanding particles, cleaning fluids and paint spills using suitable drop cloths, barriers and other protective devices.

2. Remove and replace removable hardware, other devices and cover plates over concealed openings in substrates to be painted.
    - a. Cover and neatly mask permanently installed hardware, lighting, cover plates and other devices which cannot be removed and are not scheduled for painting.
  3. Schedule and coordinate surface preparations so as not to interfere with work of other trades or allow airborne sanding dust particle to fall on freshly painted surfaces.
  4. Provide adequate natural or mechanical ventilation to allow surfaces to be prepared and painted in accordance with product manufacturer's instructions and applicable regulations.
  5. Provide and maintain "Wet Paint" signs, temporary barriers and other protective devices necessary to protect prepared and freshly painted surfaces from damages until Work has been accepted.
- B. Clean and prepare surfaces to be painted in accordance with specifications, paint manufacturer's approved product data sheets and printed label instructions. In the event of conflicting instructions or directions, the more stringent requirements shall apply.
1. Cleaners: Use only approved products manufactured or recommended by finish paint manufacturer. Unless otherwise recommended by cleaner manufacturer, thoroughly rinse with clean water to remove surface contaminants and cleaner residue
- C. Surfaces:
5. Existing Painted Metal:
    - a. Remove surface contaminants using clean rags with oil and grease emulsifier.
    - b. Remove rust using appropriate solvent and, if necessary, wire brushing or sanding.
- D. Painting Material Preparations:
1. Prepare painting materials in accordance with manufacturer's approved product data sheets and printed label instructions.
    - a. Stir materials before and during application for a consistent mixture of density. Remove container surface paint films before stirring and mixing.
    - c. Do not thin paints unless allowed and directed to do so in writing within limits stated on approved product data sheets.

### 3.03 APPLICATION

- A. Environmental Conditions:
1. Urethan Enamel Paints: Apply when surface temperatures will be 45 degrees Fahrenheit to 95 degrees Fahrenheit throughout the drying period.
- B. Install approved paints where specified, or shown on the drawings, and to match approved field examples.

1. Paint Applicators: Brushes, rollers or spray equipment recommended by the paint manufacturer and appropriate for the location and surface area to be painted.
  - a. Approved minimum wet and dry film thicknesses shall be the same for different application methods and substrates.
  
- C. Paint Type Coats To Be Applied: Unless specified otherwise by finish paint manufacturer's product data sheet, the number of coats to be applied for each paint type are as follows:
  1. Paint Types AUE:
    - a. New Unpainted Surfaces: Apply 1 coat of primer (AMP-1) and 2 coats of finish paint.
    - b. Existing Painted Surfaces:
      - 1) Apply 2 coats of finish paint and 1 coat of primer (AMP-1).
  
- D. Surfaces: Unless otherwise specified or shown on the drawings, paint surfaces as follows:
  2. Interior Surfaces:
    - a. Induction Unit Cabinets: Paint Type AUE-1.

### **3.04 FIELD QUALITY CONTROL**

- A. Paint Samples: Assist the Director's Representative in obtaining random one quart paint samples for testing at any time during the Work.
  1. Notify the Director's Representative upon delivery of paints to the Site.
  2. Furnish new one quart metal paint containers with tight fitting lids and suitable labels for marking.
    - a. Furnish labor to thoroughly mix paint before sampling and provide assistance with sampling when required.

### **3.05 ADJUSTING AND CLEANING**

- A. Reinstall removed items after painting has been completed.
  1. Restore damaged items to a condition equal to or better than when removed. Replace damaged items that cannot be restored.
  
- B. Touch up and restore damaged finish paints. Touch up and restoration paint coats are in addition to the number of specified finish paint coats.
  
- C. Remove spilled, splashed, or spattered paint without marring, staining or damaging the surface. Restore damaged surfaces to the satisfaction of the Director's representative.
  
- D. Remove temporary barriers, masking tape, and other protective coverings upon completion of painting, cleaning and restoration work.

**END OF SECTION**





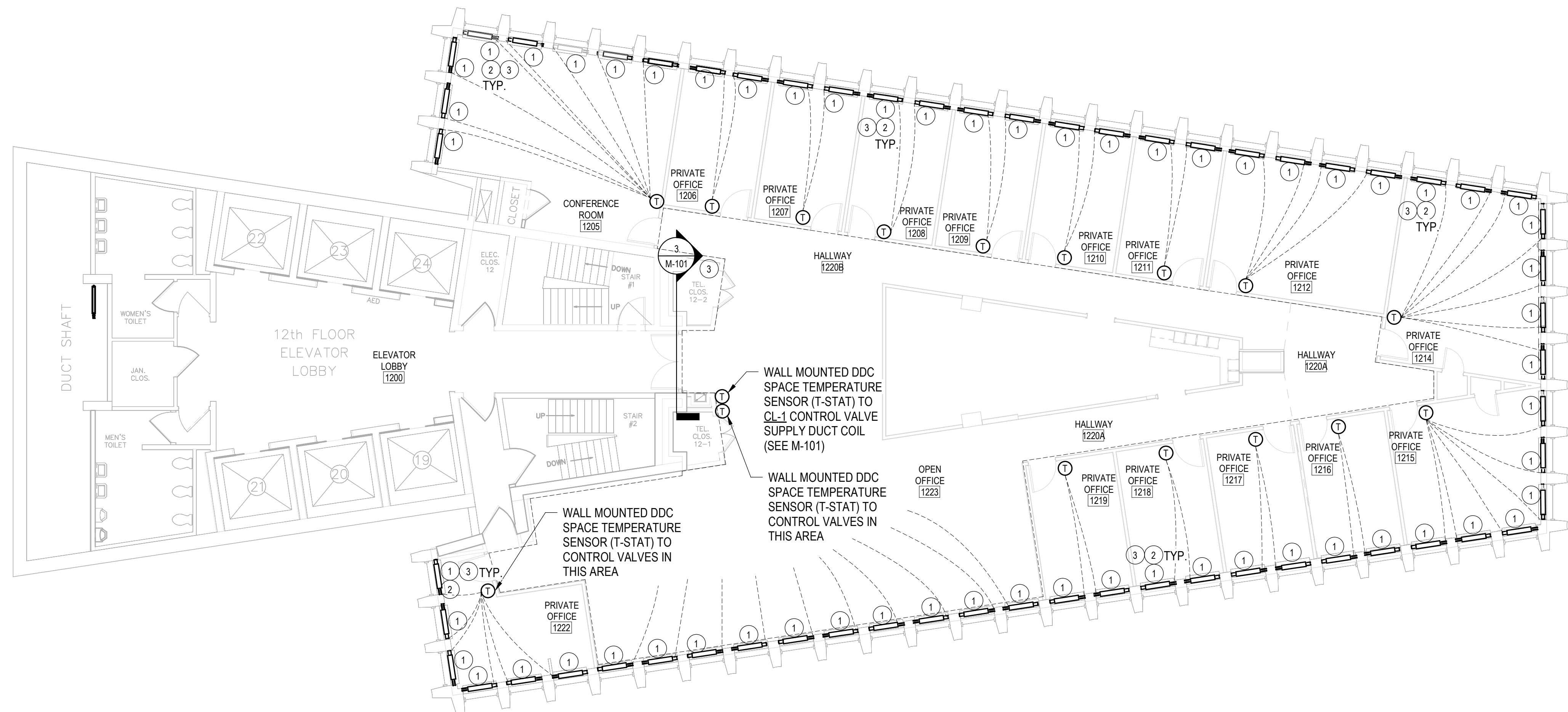
GENERAL NOTES:  
 A. ALL ATTACHMENTS TO FLOOR SLAB, IN-FLOOR RACEWAY, EXISTING WALLS, AND CEILING DECK SHALL BE PERFORMED BY A LICENSED ASBESTOS ABATEMENT CONTRACTOR HIRED BY THE C-CONTRACTOR. COORDINATE SEQUENCING OF ANCHOR PLACEMENT AND ATTACHMENTS WITH THE DIRECTOR'S REPRESENTATIVE.  
 B. H-CONTRACTOR TO PROVIDE CONDUIT, WIRING AND TERMINATIONS OF CABLES FOR DDC SYSTEMS. PARTS, PROGRAMMING AND CHECKOUT. PROVIDED UNDER H-CONTRACT ALLOWANCES.  
 C. SPACE TEMPERATURE SENSORS TO BE ROUTED TO DDC CONTROL IN TEL CLOSET.  
 D. H-CONTRACTOR TO PROVIDE TO C-CONTRACTOR'S ASBESTOS CERTIFIED PERSONNEL ALL MATERIALS FOR CONTROL WIRE/CONDUIT INSTALLED WITHIN COLUMN ENCLOSURE.

# CODED NOTES  
 1. DISCONNECT CONTROL AIR TUBING FROM INDUCTION UNIT'S 1/2" PNEUMATIC CONTROL VALVE ACTUATOR, REMOVE TUBING BACK TO MAIN AND CAP. REMOVE EXISTING SECONDARY WATER 1/2" CONTROL VALVE AND PROVIDE REPLACEMENT 1/2" ELECTRONIC TWO-WAY CONTROL VALVE TO SERVE INDUCTION UNIT CONNECTED TO DDC SYSTEM. DDC WIRING ROUTED DOWN IN COLUMN ENCLOSURE.  
 2. REMOVE ALL INDUCTION UNIT COVERS, PREP, CLEAN, PAINT AND REINSTALL, COLOR BY DIRECTOR'S REPRESENTATIVE.  
 3. DISCONNECT AND CAP PNEUMATIC CONTROL AIR TUBING SERVING INDUCTION UNITS AT PNEUMATIC CONTROL CABINET IN TEL CLOS.

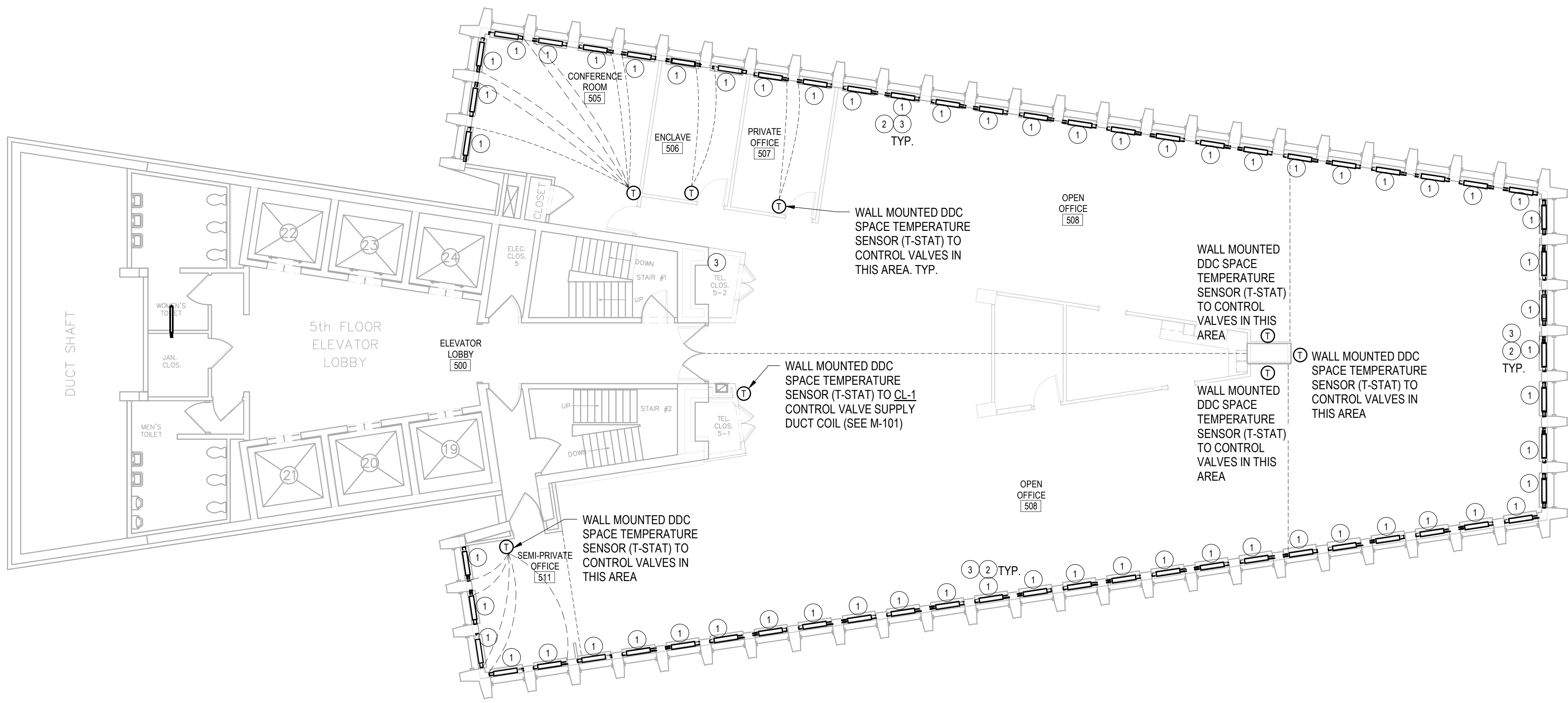
UNIFORM CODE STATEMENT:  
 TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

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

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.



2 HVAC PIPING PLAN - 12TH FLOOR  
 1/8" = 1'-0"



1 HVAC PIPING PLAN - 5TH FLOOR  
 1/8" = 1'-0"

CONTRACT: HVAC

TITLE: RENOVATE FLOORS 5&12, BUILDING 4

LOCATION: AGENCY BUILDING 4  
 EMPIRE STATE PLAZA  
 ALBANY, NY

CLIENT: OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
2	08/21/2025	ADDENDUM #3
1	08/13/2025	ADDENDUM #1
	09/30/2025	BID SET

PROJECT NUMBER: Q1820-H

DESIGNED BY: ATS

DRAWN BY: ATS

FIELD CHECK BY: -

APPROVED BY:

SHEET TITLE: HVAC PIPING AND CONTROLS

DRAWING NUMBER: M-201

SHEET 13 OF 30

Central File: Update this text with Central File location  
 36"x24" PLOT SHEET Saved: 8/20/2025 3:56:38 PM  
 Local File: Autodesk Docs\008 Q1820 - RENO FLOOR 5 & 12 - BLDG 4\_AGENCY 4072418-ME214-CENTRAL.rvt