NEW YORK STATE | Office of General Services

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

ADDENDUM NO. 1 TO PROJECT NO. Q1820

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

August 15, 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 - COMMON

1. Page 012100 – 1, Paragraph 1.04.A: Change Paragraph to read:

   "A. HVAC Work Contract: Include in the contract sum the amount of $89,595 to cover the cost of providing BMS Control System compatible with the standardized EBI system, refer to drawings."

CONSTRUCTION WORK SPECIFICATIONS

2. SECTION 081400 WOOD AND PLASTIC DOORS: Add the accompanying section (081400-1 thru 081400-3) to the Project Manual.

HVAC WORK SPECIFICATIONS

3. SECTION 260502 BASIC ELECTRICAL MATERIALS AND METHODS FOR DIRECT DIGITAL BUILDING CONTROL SYSTEM: Add the accompanying section (260502-1 thru 260502-15) to the Project Manual.

CONSTRUCTION WORK DRAWINGS

4. Revised Drawings:
   a. Drawing Nos. A-101, A-401, A-402 and A-601; noted "ADDENDUM 1 08/13/2025", accompany this Addendum and supersede the same numbered originally issued drawings.

HVAC WORK DRAWINGS

5. Revised Drawings:
    a. Drawing Nos. M-101 and M-201; noted “ADDENDUM #1 08/13/2025”, accompany this Addendum and supersede the same numbered originally issued drawings.

PLUMBING WORK DRAWINGS

6. Revised Drawings:
    a. Drawing Nos. F-001 and F-201; noted “ADDENDUM 1 08/13/2025”, accompany this Addendum and supersede the same numbered originally issued drawings.

ELECTRICAL WORK DRAWINGS

7. Revised Drawing
    a. Drawing No. E-101; noted “ADDENDUM 08/13/2025”, 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 081400

WOOD AND PLASTIC DOORS

PART 1 GENERAL

1.01 RELATED WORK SPECIFIED ELSEWHERE

A. Steel Frames: Section 081102.

B. Finish Hardware: Section 087100.

C. Glass and Glazing: Section 088100.

D. Painting (Site Finishing Doors): Section 099101.

1.02 REFERENCES

A. Standards: Unless otherwise specified, comply with the applicable requirements of the "Architectural Woodwork Standards" (First Edition-2009) (AWS).

1.03 SUBMITTALS

A. Shop Drawings: Show details, elevation, and construction for each door type, location and installation requirements for Finish Hardware (including cutouts and reinforcements), and accessory items.
   1. Include a schedule of doors using the same reference numbers for details and openings as those on the Contract Drawings.

B. Product Data: Catalog sheets, specifications, and installation instructions for each type door specified.

C. Samples:
   1. 12 x 12 inch corner sample of each door type, with panel (if any).
      a. Factory Finished Doors: Include shop finish on samples.

D. Quality Control Submittals:
   1. Affidavit required under Quality Assurance Article.

1.04 QUALITY ASSURANCE

A. Certifications: Affidavit by door manufacturer certifying that each door meets the specified requirements and standards.

1.05 DELIVERY, STORAGE, AND HANDLING

A. Factory Finished Doors: Deliver doors in factory applied plastic bags or heavy paper protective cartons. Mark packaging with sufficient identification to insure proper door location.

B. Comply with manufacturer's storage instructions.

1.06 PROJECT CONDITIONS

A. Environmental Requirements: Do not store doors within the building or install doors until after completion of cast-in-place concrete, masonry, plastering, gypsum board and tile Work, and until after the building has dried out.

PART 2 PRODUCTS

2.01 MATERIALS

A. Lumber: Comply with applicable AWS species requirements for door type and grade.
   1. Exposed Surfaces: As indicated on the Drawings or specified. Furnish matching exposed surface material on both faces and both edges of each door unless otherwise indicated.

B. Wood Veneers: Comply with applicable AWS species requirements for door type and grade.

C. Glue: Type I waterproof adhesives for bonding faces and crossbands to core, for both exterior and interior door fabrication.

2.02 FABRICATION

A. Interior Flush Wood Doors (Non-Fire Rated): 2 or 3 ply face panel construction each side over a solid glued wood block (stave) core edge bonded to stiles and rails, complying with AWS SLC-5 or SLC-7; or 2 or 3 ply face panel construction each side over a solid wood particleboard core edge bonded to stiles and rails, complying with AWS PC-5 or PC-7.
   2. Exposed Surfaces for Transparent Finish: AWS Premium Grade, rotary cut, matched, natural birch veneer face panels.

B. Light and Louver Openings: Fully trimmed openings. Comply with the applicable provisions of the referenced standards for core treatment and stop application.
   1. Light Openings For Non-Fire Rated Doors: Factory cut openings. Trim openings with solid wood mouldings.

2.03 FACTORY PRIMING

A. Factory Priming for Doors to Receive Transparent Finish: Prime doors scheduled or indicated to receive transparent finish with stain, required pretreatments, and first coat of finish as follows:
   1. Stain Color: To be selected from manufacturer's full range of colors.

2.04 FACTORY FINISHING, PREFITTING, AND PREPARATION FOR HARDWARE

A. Factory Prefitting and Premachining for Hardware: Prefit doors scheduled or indicated to receive factory finishing. Premachine these doors for hardware.
   1. Comply with AWS clearance requirements for prefitting. Machine doors for hardware requiring cutting of doors. Comply with finish hardware schedule, door frame shop drawings, and hardware templates to insure proper fit and alignment of doors and hardware.
   2. Verify hardware mortises in steel frames in the field to verify dimensions and proper alignment prior to proceeding with factory machining of doors.

PART 3 EXECUTION

3.01 PREPARATION

A. Condition doors to average prevailing humidity in installation area prior to hanging.

B. Prepare doors to receive scheduled mortise hardware. Coordinate doors with the finish hardware schedule and with the door frame shop drawings for proper location of mortise hardware. Machine doors for hardware.

C. Touch-up cut surfaces of factory primed doors with primer compatible with primer specified for factory priming.

3.02 INSTALLATION

A. Install the Work of this Section in accordance with manufacturer's printed installation instructions, except as shown or specified otherwise.

B. Fit doors to prepared frames for proper fit. Allow 3/32 to 1/8 inch clearance at head and both jambs. Trim doors when necessary by planning. Slightly chamfer edge of lock stiles. Bevel lock stile as follows:
   1. Non-fire Rated Doors: 1/8 inch in 2 inches.

C. Prefit Doors: Do not alter prefit factory finished doors.

D. Factory Finished Doors: Field touch-up and restore finishes damaged during installation.

END OF SECTION

SECTION 260502

BASIC ELECTRICAL MATERIALS AND METHODS FOR DIRECT DIGITAL BUILDING CONTROL SYSTEM

PART 1 GENERAL

1.01 REFERENCES

A. NEMA, ANSI, and UL.

1.02 SUBMITTALS

A. Product Data:
   1. Catalog sheets, specifications, and installation instructions.
   2. Statement from the Company producing the system, for each size and type of cable proposed for communication bus use, indicating that the electrical characteristics meet the requirements of the Company.
   3. For fire rated construction, prove that materials and installation methods proposed for use are in accordance with the listing requirements of the classified construction.

B. Submit an Environmental Product Declaration (EPD) from the manufacturer for steel 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.*

PART 2 PRODUCTS

2.01 RACEWAYS, FITTINGS AND ACCESSORIES

A. Rigid Ferrous Metal Conduit: Steel, hot dipped galvanized on the outside and inside, UL categorized as Rigid Ferrous Metal Conduit (identified on UL Listing Mark as Rigid Metal Conduit - Steel or Rigid Steel Conduit), by Allied Tube & Conduit Corp., LTV Copperweld, or Wheatland Tube Co.

B. Intermediate Ferrous Metal Conduit: Steel, galvanized on the outside and enameled on the inside, UL categorized as Intermediate Ferrous Metal Conduit (identified on UL Listing Mark as Intermediate Metal Conduit or IMC), by Allied Tube & Conduit Corp., LTV Copperweld, or Wheatland Tube Co.

C. Electrical Metallic Tubing: Steel, galvanized on the outside and enameled on the inside, UL categorized as Electrical Metallic Tubing (identified on UL Listing Mark as Electrical Metallic Tubing), by Allied Tube & Conduit Corp., LTV Copperweld, or Wheatland Tube Co.

D. Flexible Metal Conduit: Galvanized steel strip shaped into interlocking convolutions, UL categorized as Flexible Metal Conduit (identified on UL Listing Mark as Flexible Steel Conduit or Flexible Steel Conduit Type RW), by AFC Cable Systems Inc., Anamet Electrical Inc., Electri-Flex Co., or International Metal Hose Co.

E. Liquid-tight Flexible Metal Conduit: UL categorized as liquid-tight flexible metal conduit (identified on UL Listing Mark as Liquid-Tight Flexible Metal Conduit, also specifically marked with temperature and environment application data), by AFC Cable Systems Inc., Anamet Electrical Inc., Electri-Flex Co., or Universal Metal Hose Co.

F. Wireways, Fittings and Accessories:
   1. NEMA 1 (Without Knockouts): Hoffman Enclosures Inc. Bulletin F-40, Hubbell/Wegmann's HSK, Lee Products Co.'s S Series, Rittal/Electromate's EW & EWHC Lay-In Wireway System, or Square D Co.'s Square-Duct Class 5100.

G. Insulated Bushings, Plastic Bushings, Insulated Grounding Bushings: By Appleton Electric Co., Cooper/Crouse-Hinds, OZ/Gedney Co., or Thomas & Betts Corp.

H. Connectors and Couplings:
   1. Locknuts: UL, steel/zinc electroplate; Appleton Electric Co.'s BL-50 Series, Cooper/Crouse-Hinds' 11 Series, OZ/Gedney Co.'s 1-50S Series, Raco Inc.'s 1002 Series, Steel City/T&B Corp.'s LN-101 Series, or Thomas & Betts Corp.'s 141 Series.
   2. Couplings (For Rigid Metal and IMC Conduit): Standard galvanized threaded couplings as furnished by conduit manufacturer, Allied Tube & Conduit Corp.'s Kwik-Couple, or Thomas & Betts Corp.'s Shamrock.
   3. Three Piece Conduit Coupling (For Rigid Metal and IMC Conduit): Steel, malleable iron, zinc electroplate; Allied Tube & Conduit Corp.'s Kwik-Couple, Appleton Electric Co.'s EC-50 Series, Cooper/Crouse-Hinds' 190M Series, OZ/Gedney Co.'s 4-50 Series, Raco Inc.'s 1502 Series, Steel City/T & B Corp.s EK-401 Series, or Thomas & Betts Corp.'s 675 Series.
   4. Electrical Metallic Tubing Couplings and Insulated Connectors: Compression type, steel/zinc electroplate; Appleton Electric Co.'s TW-50CS1, TWC-50CS Series, Cooper/Crouse-Hinds' 1650, 660S Series, Raco Inc.'s 2912, 2922 Series, Steel City/T & B Corp.'s TC-711 Series, or Thomas & Betts Corp.'s 5120, 5123 Series.
   5. Flexible Metal Conduit Connectors: Arlington Industries Inc.'s Saddle-Grip, OZ/Gedney Co.'s C-8T, 24-34T, ACV-50T Series, or Thomas & Betts Corp.'s Nylon Insulated Tite-Bite Series.
   6. Liquid-tight Flexible Metal Conduit Connectors:
      a. Dry, Damp Locations: Steel, malleable iron, zinc electroplate, insulated throat; Appleton Electric Co.'s STB Series, Cooper/Crouse-Hinds' LTB Series, OZ/Gedney Co.'s 4Q-50T Series, Raco Inc.'s 3512 Series, Steel City/T & B Corp.'s LT-701 Series, or Thomas & Betts Corp.'s 5332 Series.

b. Wet Locations: OZ/Gedney Co.'s 4Q-TG Series (hot-dip/mechanically galvanized), or Thomas & Betts Corp.'s 3322 Series (PVC coated).

I. Conduit Bodies (Threaded):
1. Dry, Damp Locations: Zinc electroplate malleable iron or cast-iron alloy bodies with zinc electroplate steel covers; Appleton Electric Co.'s Unilets, Cooper/Crouse-Hinds' Condulets, OZ/Gedney Co.'s Conduit Bodies, or Thomas & Betts Corp.'s Conduit Bodies.
2. Wet Locations: Malleable iron or cast-iron alloy bodies and covers with hot dipped galvanized or other specified corrosion resistant finish; Cooper/Crouse-Hinds' Condulets (Corro-free epoxy powder coat), Thomas & Betts Corp.'s Conduit Bodies (hot dipped galvanized), or OZ/Gedney Co.'s Conduit Bodies (hot dipped galvanized). Stainless steel cover screws, covers gasketed to suit application.

J. Expansion Fittings:
1. Dry, Damp Locations:
a. Malleable iron, zinc electroplate finish: Appleton Electric Co.'s XJ or OZ/Gedney Co.'s AX (TX for EMT), with external bonding jumper.
b. Electrogalvanized Steel: Cooper/Crouse-Hinds' XJG (XJG-EMT for EMT), or Thomas & Betts Corp.'s XJG, with internal grounding.
2. Wet Locations: Cooper/Crouse-Hinds XJG (Corro-free epoxy powder coat), OZ Gedney Co.'s AX, EXE (end type, hot dipped galvanized), or Thomas & Betts Corp.'s XJG (hot dipped galvanized).

K. Deflection Fittings:
1. Dry Locations: Appleton Electric Co.'s DF, Cooper/Crouse-Hinds' XD, or OZ/Gedney Co.'s Type DX.
2. Wet Locations: Ductile iron couplings with hot dipped galvanized finish, neoprene sleeve, and stainless steel bands, Appleton Electric Co.'s CF; or bronze couplings, neoprene sleeve, and stainless steel bands, OZ/Gedney Co.'s Type DX.

L. Sealing Fittings:
1. Dry, Damp Locations: Appleton Electric Co.'s EYS, ESU w/Kwiko sealing compound and fiber filler, Cooper/Crouse-Hinds' EYS, EZS w/Chico A sealing compound and Chico X filler, OZ/Gedney Co.'s EY, EYA with EYC sealing compound and EYF damming fiber, or Thomas & Betts Corp.'s. EYS w/Chico A sealing compound and Chico X filler.
a. Other Type Fittings: As required to suit installation requirements, by Appleton Electric Co., Cooper/Crouse-Hinds, OZ/Gedney Co, or Thomas & Betts Corp.
2. Wet Locations: Malleable iron body with hot dipped/mechanically galvanized finish, neoprene sleeve, and stainless-steel bands, Appleton electric Co.'s CF; or bronze couplings, neoprene sleeve, and stainless steel bands, OZ/Gedney Co.'s Type DX.
a. Horizontal: Cooper/Crouse-Hinds' EYS with Chico A sealing compound and Chico X filler, OZ/Gedney Co.'s EYD with EYC

sealing compound and EYF damming fiber, or Thomas & Betts Corp.'s. EYS w/Chico A sealing compound and Chico X filler.

b. Vertical (with Drain): Cooper/Crouse-Hinds with Chico A sealing compound and Chico X filler, OZ/Gedney Co.'s EY, EYA with EYC sealing compound and EYF damming fiber, or Thomas & Betts Corp.'s. w/Chico A sealing compound and Chico X filler.

c. Other Type Fittings. As required to suit installation requirements, by Cooper/Crouse-Hinds, OZ/Gedney Co., or Thomas & Betts Corp. with hot dipped/mechanically galvanized finish or epoxy powder coat.

M. Sealant for Raceways Exposed to Different Temperatures: Sealing compounds and accessories to suit installation; Appleton Electric Co.'s DUC, or Kwiko Sealing Compound with fiber filler, Cooper/Crouse-Hinds' Chico A Sealing Compound with Chico X fiber, Electrical Products Division 3M Scotch products, OZ Gedney Co.'s DUX or EYC sealing compound with EYF damming fiber, or Thomas & Betts Corp.'s Blackburn DX.

N. Vertical Conductor Supports:

a. Dry, Damp Locations: Kellems/Hubbell Inc.'s Conduit Riser Grips, or OZ/Gedney Co.'s Type M, Type R.

b. Wet Locations: Kellems/Hubbell Inc.'s Conduit Riser Grips (stainless steel or tin coated bronze), or OZ/Gedney Co.'s hot dipped galvanized finish Type CMT or Type W.

2.02 OUTLET, JUNCTION AND PULL BOXES

A. Galvanized Steel Boxes For Concealed Work: Standard galvanized steel boxes and device covers by Appleton Electric Co., Beck Mfg./Picoma Industries, Cooper/Crouse-Hinds, Raco/Div. of Hubbell, or Steel City/T & B Corp.

B. Galvanized Steel Junction and Pull Boxes for Exposed Work: Code gage, galvanized steel screw cover boxes by Delta Metal Products Inc., Hoffman Enclosures Inc., Hubbell Wiegmann, Lee Products Co., or Rittal/Electromate.

C. Threaded Type Boxes for Exposed Work:

1. Outlet Boxes:

a. For Dry, Damp Locations: Zinc electroplate malleable iron or cast iron alloy boxes by Appleton Electric Co., Cooper/Crouse-Hinds Co., OZ/ Gedney Co., or Thomas & Betts Corp. with zinc electroplate steel covers to suit application.

b. For Wet Locations: Malleable iron or cast iron alloy boxes with hot dipped galvanized or other specified corrosion resistant finish as produced by Cooper/Crouse-Hinds (hot dipped galvanized or Corro-free epoxy powder coat), OZ/Gedney Co. (hot dipped galvanized), or Thomas & Betts Corp. (hot dipped galvanized) with stainless steel cover screws, and malleable iron covers gasketed to suit application.

2. Junction And Pull Boxes:
   a. For Dry, Damp Locations: Zinc electroplate cast iron boxes by Appleton Electric Co., Cooper/Crouse-Hinds, OZ/Gedney Co., or Thomas & Betts Corp. with zinc electroplate steel or cast iron cover.
   b. For Wet Locations: Cast iron boxes by Cooper/Crouse-Hinds' (hot dipped galvanized or Corro-free epoxy powder coat), OZ/Gedney Co. (hot dipped galvanized), or Thomas & Betts Corp. (hot dipped galvanized) with stainless steel cover screws and cast iron cover gasketed to suit application.
3. Conduit Bodies, Threaded (Provided with a Volume Marking):
   a. For Dry, Damp Location: Zinc electroplate malleable iron or cast iron alloy bodies with zinc electroplate steel covers; Appleton Electric Co.'s Unilets, Cooper/Crouse-Hinds' Condulets, OZ/Gedney Co.'s Conduit Bodies, or Thomas & Betts Corp.'s Conduit Bodies.
   b. For Wet Locations: Malleable iron or cast iron alloy bodies with hot dipped galvanized or other specified corrosion resistant finish; Cooper/Crouse-Hinds' Condulets (hot dipped galvanized or Corro-free epoxy power coat), OZ/Gedney Co.'s Conduit Bodies (hot dipped galvanized), or Thomas & Betts Corp.'s Conduit Bodies (hot dipped galvanized) with stainless steel cover screws and malleable iron covers gasketed to suit application.

D. Specific Purpose Outlet Boxes: As fabricated by manufacturers for mounting their equipment.

E. Outlet Boxes and Related Products for Fire Rated Construction:
1. Parameters For Use of Listed Metallic Outlet or Device Boxes: UL Electrical Construction Equipment Directory - Metallic Outlet Boxes (QCIT).
2. Wall Opening Protective Materials: As listed in UL Fire Resistance Directory - Wall Opening Protective Materials (CLIV), or UL Electrical Construction Equipment Directory - Wall Opening Protective Materials (QCSN).

2.03 CONDUCTORS AND ACCESSORIES

A. Date of Manufacture: No insulated conductor over one year old when delivered to the site will be acceptable.

B. Conductors: Annealed uncoated copper or annealed coated copper in conformance with the applicable standards for the type of insulation to be applied on the conductor.

C. Types for Power and Class 1, 2 and 3 Circuits:
1. Power Wiring:
   a. General: Rated 600V, NFPA 70 Type FEP, THHN, THW, THW-2, THWN, THWN-2, XHH, XHHW, XHHW-2.

2. Class 1 Wiring:
   a. No. 18 and No. 16 AWG: Insulated copper conductors suitable for 600 volts, NFPA 70 types KF-2, KFF-2, PAFF, PF, PFF, PGF, PGFF, PTFF, SF-2, SFF-2, TF, TFF, TFN, TFFN, ZF, or ZFF.
   b. Larger than No. 16 AWG: Insulated copper conductors suitable for 600 volts, in compliance with NFPA 70 Article 310.
   c. Conductor with other types and thickness of insulation may be used if listed for Class 1 circuit use.
3. Class 2 Wiring:
   a. Multiconductor Cables: NFPA 70 Article 725, Types CL2P, CL2R, CL2.
   b. Other types of cables may be used in accordance with NFPA 70 Table 725-61 "Cable Uses and Permitted Substitutions", as approved.
4. Class 3 Wiring:
   a. Single Conductors No. 18 and No. 16 AWG: Same as Class 1 No. 18 and No. 16 AWG conductors, except that:
      1) Conductors are also listed as CL3.
      2) Voltage rating not marked on cable except where cable has multiple listings and voltage marking is required for one or more of the listings.
   b. Multiconductor Cables: NFPA 70 Article 725, Types CL3P, CL3R, CL3.
   c. Other types of cables may be used in accordance with NFPA 70, Table 725-61 "Cable Uses and Permitted Substitutions", as approved.

D. Types for Interior Communication Bus Circuits:
1. Number of conductors and conductor size as recommended by the Company producing the system, except that conductor size shall not be less than No. 18 AWG.
2. Multiconductor Cables NEC Type PLTC:
   a. Insulated copper conductors.
   b. Cable shall have a voltage rating of not less than 300 volts.
3. Conductors twisted, shielded, and jacketed as recommended by the Company producing the system.
4. All electrical characteristics shall meet the requirements of the Company producing the system (conductor to conductor capacitance, dc resistance, velocity of propagation, etc.).

E. Connectors:
1. General: Connectors specified are part of a system. Furnish connectors and components, and use specific tools and methods as recommended by connector manufacturer to form complete connector system.
2. Splices:
   a. Spring Type:
      1) Rated 105° C, 600V; Buchanan/Ideal Industries Inc.'s B-Cap, Electrical Products Div./3M's Scotchlok Type Y,

R, G, B, O/B+, R/Y+, or B/G+, or Ideal Industries Inc.'s Wing Nuts or Wire Nuts.

2) Rated 150° C, 600V; Ideal Industries Inc.'s High Temperature Wire-Nut Model 73B, 59B.

b. Indent Type with Insulating Jacket:

1) Rated 105° C, 600V; Buchanan/Ideal Industries Inc.'s Crimp Connectors, Ideal Industries Inc.'s Crimp Connectors, Penn-Union Corp.'s Penn-Crimps, or Thomas & Betts Corp.'s STA-KON.

c. Indent Type (Uninsulated): Anderson/Hubbell's Versa-Crimp, VERSAtile, Blackburn/T&B Corp.'s Color-Coded Compression Connectors, Electrical Products Div./3M's Scotchlok 10000, 11000 Series, Framatome Connectors/Burndy's Hydent, Penn-Union Corp.'s BCU, BBCU Series, or Thomas & Betts Corp.'s Compression Connectors.

d. Connector Blocks: NIS Industries Inc.'s Polaris System, or Thomas & Betts Corp.'s Blackburn AMT Series.

e. Resin Splice Kits: Electrical Products Div./3M's Scotchcast Brand Kit Nos. 82A Series, 82-B1 or 90-B1, or Scotchcast Brand Resin Pressure Splicing Method.

f. Heat Shrinkable Splices: Electrical Products Div./3M's ITCSN, Raychem Corp.'s Thermofit Type WCS, or Thomas & Betts Corp.'s SHRINK-KON Insulators.

g. Cold Shrink Splices: Electrical Products Div./3M's 8420 Series.

F. Terminals: Nylon insulated pressure terminal connectors by Amp-Tyco/Electronics, Electrical Products Div./3M, Framatome Connectors/Burndy, Ideal Industries Inc., Panduit Corp., Penn-Union Corp., Thomas & Betts Corp., or Wiremold Co.

G. Insulation Tapes:

1. Plastic Tape: Electrical Products Div./3M's Scotch Super 33+ or Scotch 88, Plymouth Rubber Co.'s Plymouth/ Bishop Premium 85CW.
2. Rubber Tape: Electrical Products Div./3M's Scotch 130C, or Plymouth Rubber Co.'s Plymouth/Bishop W963 Plysafe.

H. Moisture Sealing Tape: Electrical Products Div./3M's Scotch 2200 or 2210, or Plymouth Rubber Co.'s Plymouth/Bishop 4000 Plyseal-V.

I. Wire Management Products: Cable clamps and clips, cable ties, spiral wraps, etc., by Catamount/T&B Corp., or Ideal Industries, Inc.

2.04 SUPPORTING DEVICES

A. "C" Beam Clamps:

1. For 1 Inch Conduit Maximum: B-Line Systems Inc.'s BG-8-C2, BP-8-C1 Series, or Caddy/Erico Products Inc.'s BC-8P and BC-8PSM Series.
2. For 3 Inch Conduit Maximum: Appleton Electric Co.'s BH-500 Series beam clamp with H50WB Series hangers, Kindorf/T&B Corp.'s 500 Series beam clamp with 6HO-B Series hanger, or OZ/Gedney Co.'s IS-500 Series beam clamp with H-OWBS Series hanger.

3. For 1/4 Inch Hanger Rods: B-Line Systems Inc.'s BC, Caddy/Erico Products Inc.'s BC, Kindorf/T&B Corp.'s 500, 510, or Unistrut Corp.'s P1648S, P2398S, P2675, P2676.
4. For 3/8 Inch Hanger Rods: Caddy/Erico Products Inc.'s BC, Kindorf/T&B Corp.'s 231-3/8, 502, or Unistrut Corp.'s P1649AS, P2401S, P2675, P2676.

B. Pipe Straps: Two-hole steel conduit straps; Kindorf/T&B Corp.'s C-144 Series, or Unistrut Corp.'s P-2558 Series.

C. Pipe Clamps: One-hole malleable iron clamps; Kindorf/T&B Corp.'s HS-400 Series, or OZ/ Gedney Co.'s 14-G Series.

D. Supporting Fastener (Metal Stud Construction): Metal stud supports, clips and accessories as produced by Caddy/Erico Products Inc.

PART 3 EXECUTION

3.01 INSTALLATION, GENERAL

A. Provide wiring for the Direct Digital Building Control System.
1. Provide Class 1, 2, and 3 wiring, communication bus wiring and connections.

3.02 RACEWAY INSTALLATION

A. Conduit Installed Concealed:
1. Install conduit concealed unless otherwise indicated on the drawings.
2. Existing Construction:
   a. Run conduit in existing chases and hung ceilings.
   b. If conduit cannot be installed concealed due to conditions encountered in the building, report such conditions and await approval in writing before proceeding.
3. a.
4. If any portions of the conduit system cannot be installed concealed due to conditions encountered in the building, report such conditions and await approval in writing before proceeding.

B. Conduits Penetrating Concrete Floor Slabs (Concrete slabs that are both ceilings and floors shall be treated as floor slabs):
1. Provide a minimum of 2 inches between conduits that vertically penetrate elevated concrete slabs.
2. Provide firestopping and spray on fireproofing at locations where conduits penetrate surface of floor slab and slab is part of fire rating required for construction.

C. Conduit Installed Exposed:
   1. Install conduit exposed where indicated on the drawings. If not indicated, conduit may be installed exposed, as approved, in:
      a. Unfinished spaces and finished spaces housing mechanical or electrical equipment that is generally accessible only to facility maintenance personnel.
      b. Areas where existing conduits have been installed exposed.
      c. Areas where conduit cannot be installed concealed.
   2. Install conduit tight to the surface of the building construction. Exceptions:
      a. Where otherwise indicated or directed.
      b. Where conduit is exposed in wet locations. Install entire wiring system including conduit, boxes, and fittings so that there is 1/4 inch air space between it and the wall or supporting surface.
   3. Install vertical runs perpendicular to the floor.
   4. Install runs on the ceiling perpendicular or parallel to the walls.
   5. Install horizontal runs parallel to the floor.
   6. Do not run conduits near heating pipes.
   7. Installation of conduit directly on the floor will not be permitted.

D. Conduit Size: Not smaller than 1/2 inch electrical trade size.

E. Raceways Exposed to Different Temperatures: Where portions of an interior raceway system are exposed to widely different temperatures, seal interior and exterior of raceway to prevent circulation of air from a warmer to a colder section through the raceway installation.
   1. Heated Areas to Unheated Areas: After conductors are installed, seal interior of the raceway at the nearest conduit body, outlet or junction box in the heated area adjoining the unheated area.

G.

I. Raceway Schedule:
   1. Rigid Ferrous Metal Conduit: Install in all locations unless otherwise specified or indicated on the drawings.
   2. Intermediate Metal Conduit: May be installed in all locations except:
      a. Hazardous areas.
      b. Where other type raceways are specified or indicated on the drawings.
   3. Electrical Metallic Tubing:
      a. May be installed concealed above suspended ceilings where conduit does not support equipment.
      b. May be installed concealed in hollow areas in dry locations, including:
         1) Hollow concrete masonry units, except where cores are to be filled.
         2) Drywall construction with sheet metal studs, except where studs are less than 3-1/2 inches deep.

c. May be installed exposed in dry non-hazardous locations at elevations over 10’-0” above finished floor where conduit does not support equipment.

4. Flexible Metal Conduit: Install equipment grounding conductor in the flexible metal conduit and bond at each box or equipment to which conduit is connected:
   a. Use 1 to 3 feet of flexible metal conduit for final conduit connection to:
      1) Equipment subject to vibration (dry locations)
      2) Equipment requiring flexible connection for adjustment or alignment (dry locations).
   b. Use above existing non-removable suspended ceilings where rigid type raceways cannot be installed due to inaccessibility of space above ceiling.
   c. May be installed concealed in drywall construction with sheet metal studs, except where studs are less than 3-1/2 inches deep.
5. Liquid-tight Flexible Metal Conduit: Install equipment grounding conductor in liquid-tight flexible metal conduit and bond at each box or equipment to which conduit is connected:
   a. Use 1 to 3 feet of liquid-tight flexible metal conduit (UL listed and marked suitable for the installation’s temperature and environmental conditions) for final conduit connection to:
      1) Equipment subject to vibration (damp and wet locations).
      2)Equipment requiring flexible connection for adjustment or alignment damp and wet locations).
      6. Wireways: May be used indoors in dry locations for exposed raceway between grouped, wall mounted equipment.

J. Fittings and Accessories Schedule:
   1. General:
      a. Use zinc electroplate or hot dipped galvanized steel/malleable iron or cast alloy fittings and accessories in conjunction with ferrous raceways in dry and damp locations unless otherwise specified or indicated on the drawings.
      b. Use malleable iron or cast iron alloy fittings and accessories having hot dipped/mechanically galvanized finish or other specified corrosion resistant finish in conjunction with ferrous raceways in wet locations unless otherwise specified or indicated on the drawings.
      c. Use caps or plugs to seal ends of conduits until wiring is installed (to exclude foreign material).
      d. Use insulated grounding bushings on the ends of conduits that are not directly connected to the enclosure (such as stub-ups under equipment, etc.) and bond between bushings and enclosure with equipment grounding conductor.
      e. Use expansion fittings where raceways cross expansion joints.
      f. Use deflection fittings where raceways cross expansion joints that move in more than one plane.

g. Use 2 locknuts and an insulated bushing on end of each conduit entering sheet metal cabinet or box in dry or damp locations.
   1) Plastic bushing may be used in lieu of insulated bushing on 1/2 and 3/4 inch conduit.
   2) Terminate conduit ends within cabinet/box at the same level.

h. Use watertight hub on end of each conduit entering cabinets or boxes (in wet locations) that are not constructed with integral threaded hubs.

2. For Rigid and Intermediate Metal Conduit: Use threaded fittings and accessories. Use 3 piece conduit coupling where neither piece of conduit can be rotated.
3. For Electrical Metallic Tubing: Use compression type connectors and couplings.
4. For Flexible Metal Conduit: Use flexible metal conduit connectors.
5. For Liquid-tight Flexible Metal Conduit: Use liquid-tight connectors.
6. For Wireways: Use wireway manufacturer's standard fittings and accessories.

3.03 OUTLET, JUNCTION AND PULLBOX INSTALLATION

A. Box Schedule for Concealed Conduit System:
1. Non-Fire Rated Construction:
   a. Depth: To suit job conditions and comply with NFPA 70 Article 370.
   b. For Junction and Pull Boxes: Use galvanized steel boxes with flush covers.
   c. For Devices:
      1) Plaster or Cast-In-Place Concrete Walls: Use 4 inch or 4-11/16 inch galvanized steel boxes with device covers.
      2) Walls Other Than Plaster or Cast-In-Place Concrete: Use type of galvanized steel box which will allow wall plate to cover the opening made for the installation of the box.
2. Recessed Boxes in Fire Rated (2 hour maximum) Bearing and Nonbearing Wood or Steel Stud Walls (Gypsum Wallboard Facings):
   a. Use listed single and double gang metallic outlet and device boxes. The surface area of individual outlet or device boxes shall not exceed 16 square inches.
   b. The aggregate surface area of the boxes shall not exceed 100 square inches per 100 square feet of wall surface.
   c. Securely fasten boxes to the studs. Verify that the opening in the wallboard facing is cut so that the clearance between the box and the wallboard does not exceed 1/8 inch.
   d. Separate boxes located on opposite sides of walls or partitions by a minimum horizontal distance of 24 inches. This minimum separation distance may be reduced when wall opening protective materials are installed according to the requirements of their classification.
   e. Use wall opening protective material in conjunction with boxes installed on opposite sides of walls or partitions of staggered stud

construction in accordance with the classification requirements for the protective material.

3. Other Fire Rated Construction: Use materials and methods to comply with the listing requirements for the classified construction.

B. Box Schedule For Exposed Conduit System:

1. Dry and Damp Locations: Use zinc electroplate or hot dipped galvanized threaded type malleable iron or cast iron alloy outlet, junction, and pullboxes or conduit bodies provided with a volume marking in conjunction with ferrous raceways unless otherwise specified or indicated on the drawings.
   a. Galvanized steel boxes may be used in conjunction with conduit sizes over 1 inch in non-hazardous dry and damp locations.
   b. Galvanized steel boxes may be used in conjunction with electrical metallic tubing where it is installed exposed as branch circuit conduits at elevations over 10'-0" above finished floor.
2. Wet Locations: Use threaded type malleable iron or cast iron alloy outlet junction, and pullboxes or conduit bodies (provided with a volume marking) with hot dipped galvanized or other specified corrosion resistant coating in conjunction with ferrous raceways unless otherwise specified or indicated on the drawings.
3. Finishing Collar or Combination Finishing Collar/Outlet Box (Surface Mounted Equipment Used with Exposed Raceway):
   a. Use finishing collar where surface mounted equipment is installed on an exposed raceway outlet box and the equipment base is larger than the outlet box.
   b. Use combination finishing collar/outlet box where surface mounted equipment is not indicated to be installed on an exposed raceway outlet box, but raceway cannot be run directly into equipment body due to equipment design.

C. Specific Purpose Outlet Boxes: Use to mount equipment when available and suitable for job conditions. Unless otherwise specified, use threaded type boxes with finish as specified for exposed conduit system, steel (painted) for surface metal raceway system and galvanized steel for recessed installations.

3.04 CONDUCTOR INSTALLATION

A. Install conductors in raceways.

1. Exceptions:
   a. Raceway is not required for plenum rated Class 2, or Class 3 circuits, or communication bus circuits installed above suspended ceilings.

B. Conductor Size: Install conductors of size shown on drawings or specified. Where conductor size is not indicated, the minimum size allowed is:

1. For Power Circuits: No. 12 AWG.
2. For Class 1 Circuits:
   a. No. 18 and No. 16 AWG may be used provided they supply loads that do not exceed 6 amps (No. 18 AWG), or 8 amps (No. 16 AWG).

b. Larger than No. 16 AWG: Use to supply loads not greater than the ampacities given in NFPA 70 Section 310-15.

3. For Class 2 Circuits: Any size to suit application.
4. For Class 3 Circuits: No. 18 AWG.
5. For Communication Bus Circuits: No. 18 AWG.

C. Color Code for Wiring: In accordance with ICEA/NEMA WC-30 "Color Coding of Wires and Cables". Other coding methods may be used, as approved.

D. Use wire management products to bundle, route, and support wiring in junction boxes, pullboxes, wireways, gutters, channels, and other locations where wiring is accessible.

E. Insulated Conductor Schedule:
1. Power Circuits:
a. FEP, THHN, THW, THW-2, THWN, THWN-2, XHH, XHHW, or XHHW-2: Wiring in dry or damp locations (except where special type insulation is required).
b. THWN, THWN-2, XHHW, XHHW-2, USE, or USE-2: Wiring in wet locations (except where type USE or USE-2 insulated conductors are specifically required, or special type insulation is required).
2. Class 1 Circuits: Use Class 1 wiring specified in Part 2 (except where special type insulation is required).
3. Class 2 Circuits: Use Class 2 wiring specified in Part 2 (except where special type insulation is required).
4. Class 3 Circuits: Use Class 3 wiring specified in Part 2 (except where special type insulation is required).

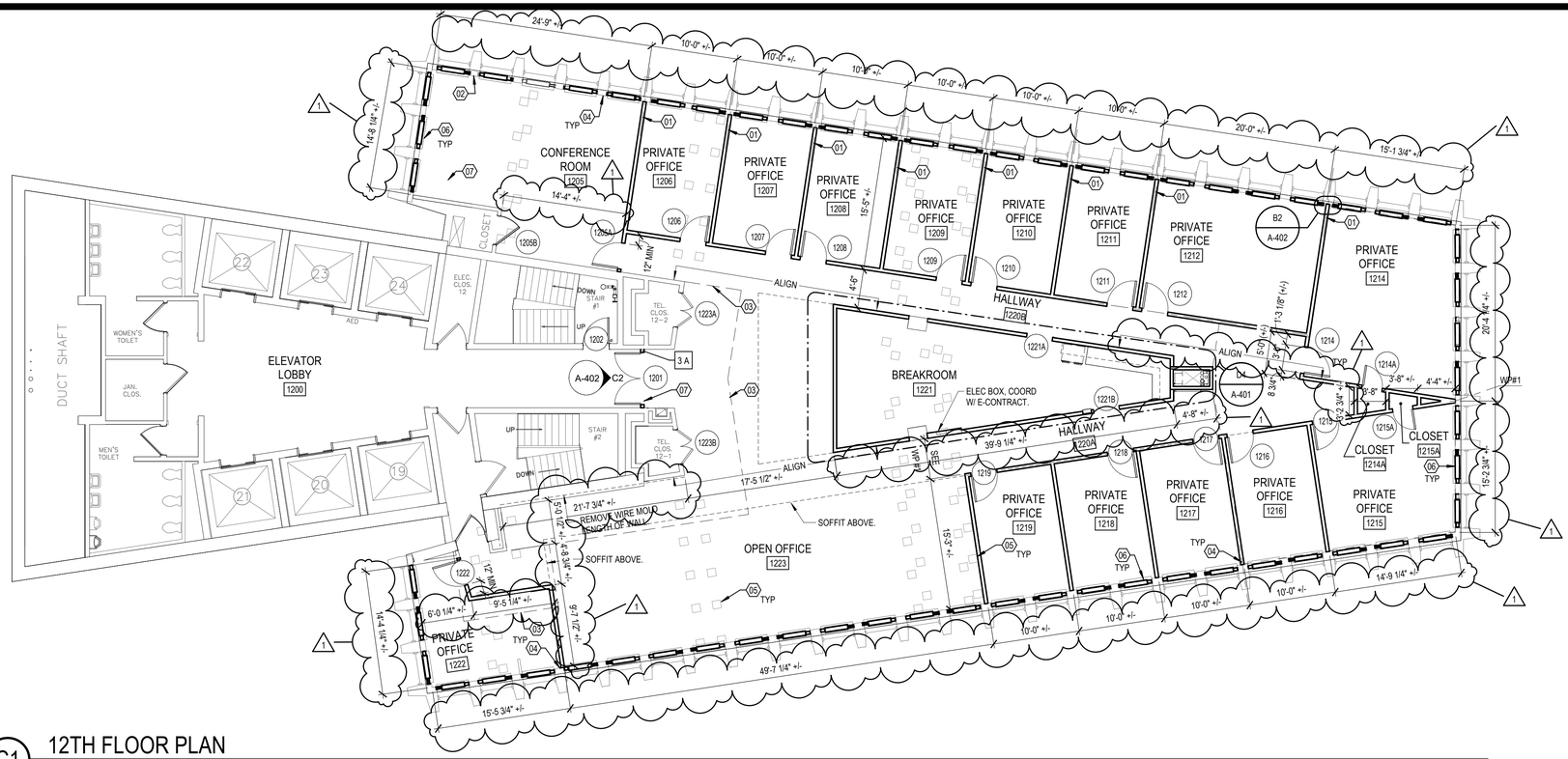
F. Connector Schedule:
1. Temperature Rating: Use connectors that have a temperature rating, equal to, or greater than the temperature rating of the conductors to which they are connected.
2. Splices:
a. Dry Locations:
1) For Conductors No. 8 AWG or Smaller: Use spring type pressure connectors, indent type pressure connectors with insulating jackets, or connector blocks (except where special type splices are required).
b. Damp Locations: As specified for dry locations, except apply moisture sealing tape over the entire insulated connection (moisture sealing tape not required if heat shrinkable splices or cold shrink splices are used).
c. Wet Locations: Use uninsulated indent type pressure connectors and insulate with resin splice kits, cold shrink splices or heat shrinkable splices. Exception: Splices above ground which are totally enclosed and protected in NEMA 3R, 4, 4X enclosures may be spliced as specified for damp locations.
3. Terminations:
a. For Conductors No. 10 AWG or Smaller: Use terminals for connecting wiring to terminal strips, and to equipment designed for use with terminals.

3.05 SUPPORTING DEVICE INSTALLATION

A. Attachment of Conduit System:
   1. Wood Construction: Attach conduit to wood construction by means of pipe straps or pipe clamps and wood screws or lag bolts.
   2. Masonry Construction: Attach conduit to masonry construction by means of pipe straps or pipe clamps and masonry anchorage devices.
   3. Steel Beams: Attach conduit to steel beams by means of "C" beam clamps and hangers.
   4. Conduit Above Suspended Ceiling: Do not rest conduit directly on runner bars, T-bars, etc. Support conduit from ceiling supports or from construction above suspended ceiling.

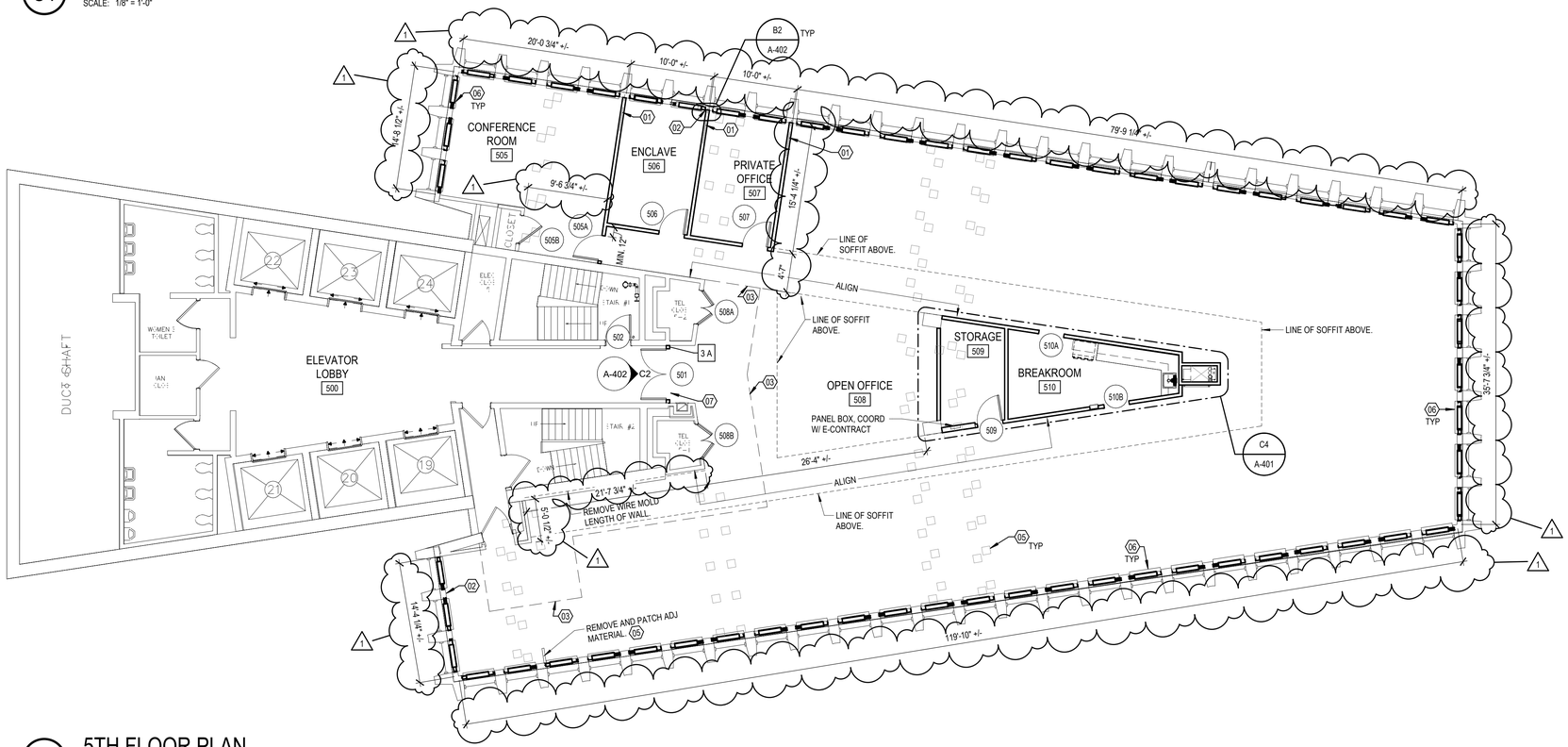
B. Metal Stud Construction: Attach raceways and boxes to metal studs by means of supporting fasteners manufactured specifically for the purpose.
   1. Support and attach outlet boxes so that they cannot torque/twist. Either:
      a. Use bar hanger assembly, or:
      b. In addition to attachment to the stud, also provide far side box support.

END OF SECTION



C1 **12TH FLOOR PLAN**

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



A1 **5TH FLOOR PLAN**

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

KEYED NOTES-PLAN	
NUMBER	COMMENT
01	ALIGN CENTER OF PTN WITH CENTER OF COLUMN.
02	CLEAN ALL LOOSE AND DAMAGED PLASTER AND PROVIDE 4 SF PLASTER REPAIR.
03	REMOVE EXISTING VINYL FLOOR MATERIAL. PATCH AS NECESSARY
04	PATCH/REPAIR AND CLEAN EXISTING PERIMETER COLUMN ENCLOSURE TO REMAIN. TAKE CARE NOT TO DISTURB ADJACENT HAZMAT. STOP WORK IMMEDIATELY AND CONTACT DIRECTOR'S REPRESENTATIVE OF ANY CONFLICTS FOR RESOLUTION.
05	REVIEW EACH LOCATION OF WALKER DUCT ACCESS PANEL TO EXISTING IN-FLOOR WIRE RACEWAY FOR LEVEL INSTALLATION. ANY EXISTING LOCATIONS THAT ARE UNEVEN SHALL BE REPAIRED/CORRECTED AS REQUIRED BY FLOORING INSTALLER TO PROVIDE A SUITABLE CONDITION FOR INSTALLATION, TYP. ALL LOCATIONS.
06	COORD WITH H-CONTRACT'S CLEANING AND PAINTING OF INDUCTION UNIT COVERS AND FLOOR FINISH INSTALATION.
07	REMOVE EXISTING HOLLOW METAL DOOR, FRAME AND WALL PARTITION, INSTALL PARTITION AND HM DOOR AND FRAME AS SCHEDULED.

GENERAL NOTES:

1. ALL PARTITIONS TO BE PARTITION TYPE 1C, UNO.
2. LEVEL/PATCH FLOOR AS REQD TO RECEIVE FLOORING AS SCHEDULED. PROVIDE 600 SF OF LEVELING/PATCHING PER FLOOR.

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

DESIGN & CONSTRUCTION

CONSULTANTS:

QPK DESIGN
ARCHITECTURE, ENGINEERING, SITE + PLANNING

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.

REGISTERED ARCHITECT 036202 STATE OF NEW YORK

EXP: MAY 31, 2028

CONTRACT:

CONSTRUCTION

TITLE:
RENOVATE FLOORS 5 &12, AGENCY BUILDING 4

LOCATION:
AGENCY BUILDING 4
EMPIRE PLAZA
ALBANY, NY

CLIENT:
OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
1	08/13/2025	ADDENDUM 1
	05/30/2025	BID SET

PROJECT NUMBER:	Q1820 - C,H,P,E
DESIGNED BY:	Designer
DRAWN BY:	CD,KD
FIELD CHECK BY:	Checker
APPROVED BY:	Approver

SHEET TITLE:

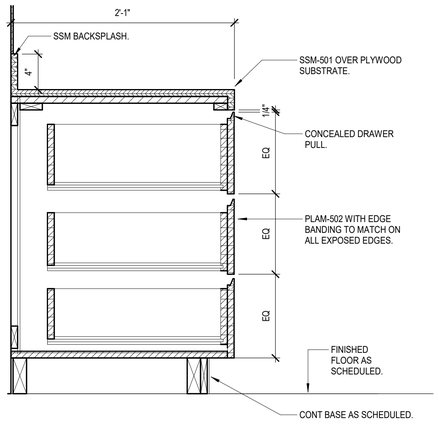
5TH & 12TH FLOOR PLANS

DRAWING NUMBER:

A-101

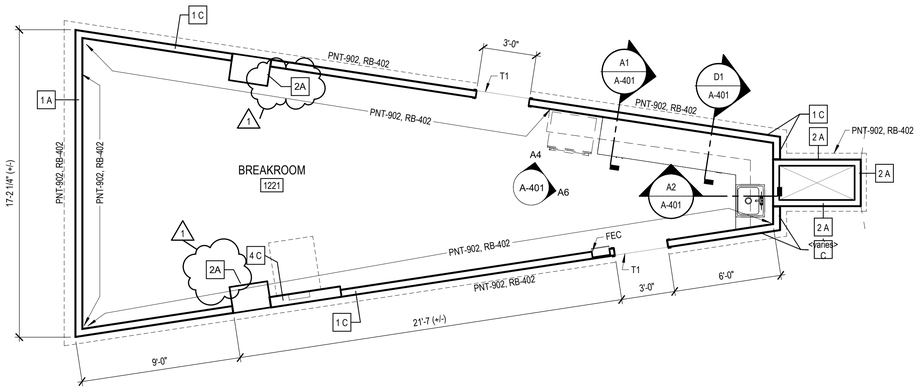
SHEET 5 OF 30

Central File: Update this text with Central File location
35"x24" PLOT SHEET Saved: 8/12/2025 11:48:34 AM Local File: Autodesk Docs://OGS Q1820 - RENO FLOOR 5 & 12 - BLDG 4, AGENCY 4/21921823-5044_A24.rvt



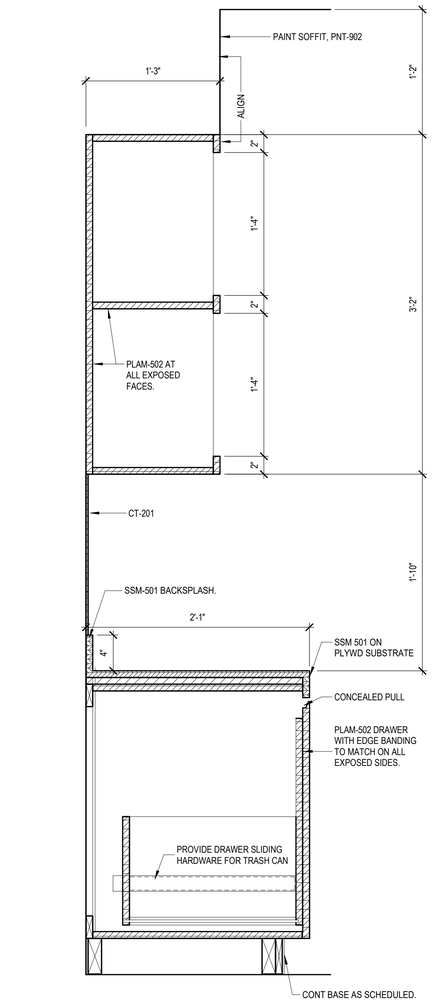
D1 SECTION DETAIL AT DRAWERS

SCALE: 1 1/2" = 1'-0"



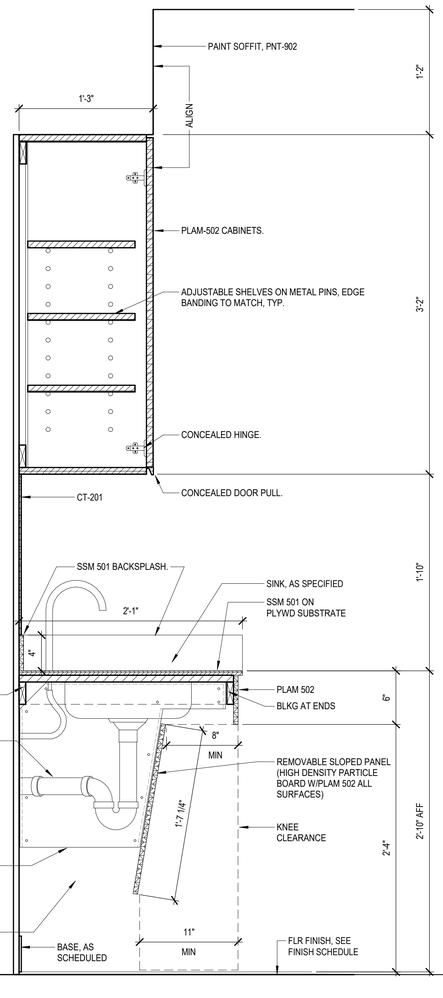
D4 ENLARGED PLAN - 12TH FLR CORE

SCALE: 1/4" = 1'-0"



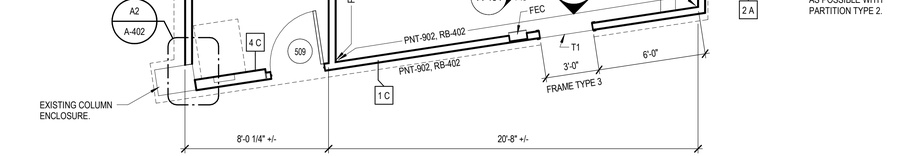
A1 SECTION DETAIL @ TRASH DRAWERS

SCALE: 1 1/2" = 1'-0"



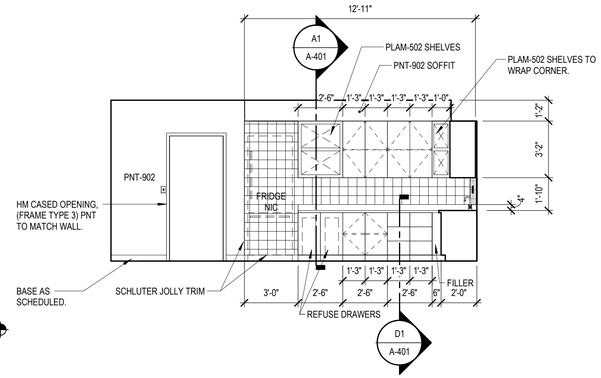
A2 SECTION DETAIL @ SINK

SCALE: 1 1/2" = 1'-0"



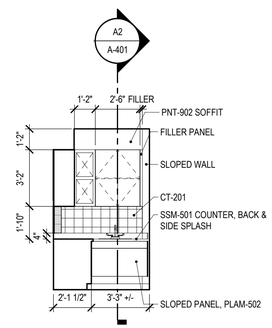
C4 ENLARGED PLAN - 5TH FLOOR CORE

SCALE: 1/4" = 1'-0"



A4 INT ELEV - BREAK ROOM NORTH

SCALE: 1/4" = 1'-0"



A6 INT ELEV - BREAK RM EAST

SCALE: 1/4" = 1'-0"

NEW YORK STATE OF OPPORTUNITY. Office of General Services
DESIGN & CONSTRUCTION

CONSULTANTS:

QPK DESIGN
ARCHITECTURE, ENGINEERING, SITE + PLANNING

EXP: MAY 31, 2028

CONTRACT:
CONSTRUCTION

TITLE:
RENOVATE FLOORS 5 &12, AGENCY BUILDING 4

LOCATION:
AGENCY BUILDING 4
EMPIRE PLAZA
ALBANY, NY

CLIENT:
OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
1	08/13/2025	ADDENDUM 1
	05/30/2025	BID SET

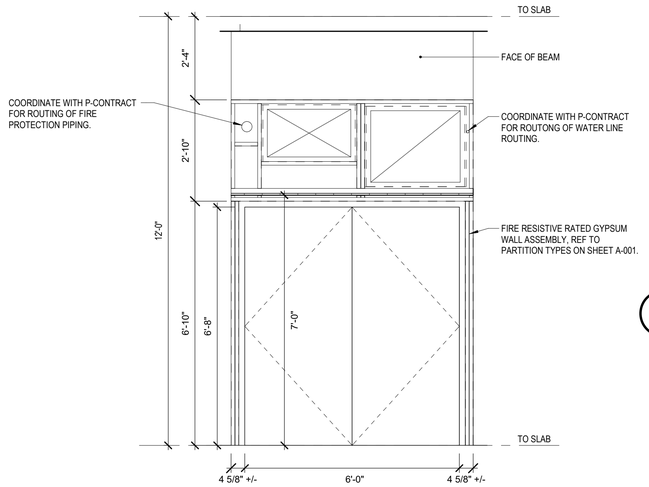
PROJECT NUMBER:	Q1820 - C,H,P,E
DESIGNED BY:	Designer
DRAWN BY:	CD,KD
FIELD CHECK BY:	Checker
APPROVED BY:	Approver

SHEET TITLE:
ENLARGED PLANS & ELEVATIONS, MILLWORK SECTIONS

DRAWING NUMBER:
A-401

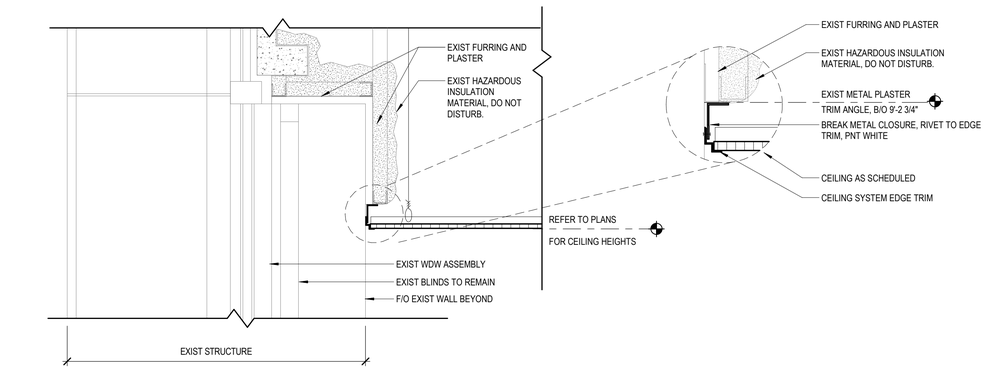
SHEET 7 OF 30

Central File: Update this text with Central File location
36"x24" PLOT SHEET Saved: 8/12/2025 11:45:34 AM Local File: Autodesk Docs://OGS Q1820 - RENO FLOOR 5 & 12 - BLDG 4, AGENCY 4/21921625-SO44_A24.rvt



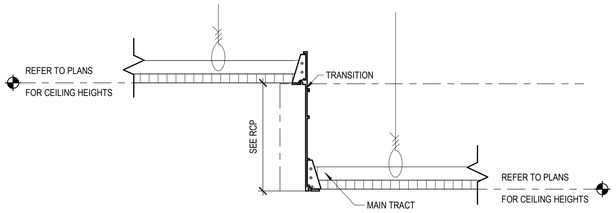
C2 ELEVATION @ RATED DOORS - 501 & 1201

SCALE: 1/2" = 1'-0"



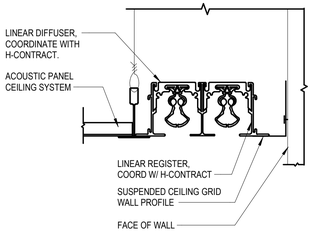
D3 SECTION DETAIL @ WINDOW HEAD

SCALE: 1 1/2" = 1'-0"



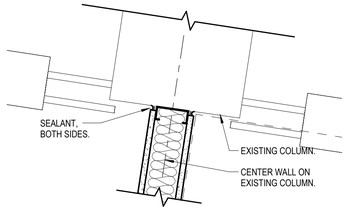
C3 SECTION - AT CLG TRANSITION

SCALE: 3" = 1'-0"



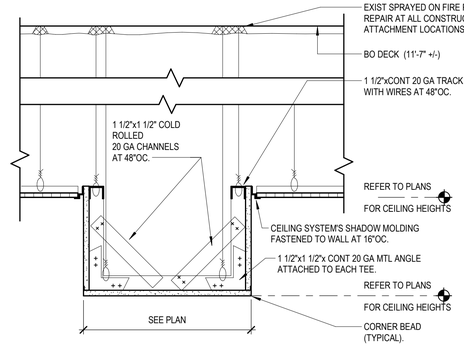
C6 SECTION DETAIL @ DIFFUSER

SCALE: 1/4" = 1'-0"



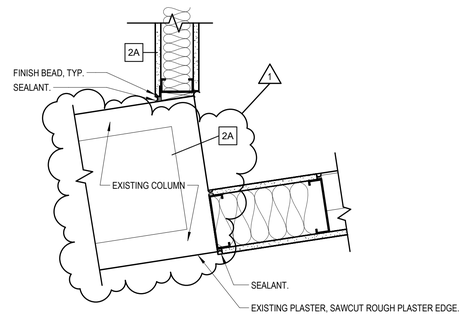
B2 PLAN DETAIL @ EXIST EXTERIOR COLUMN

SCALE: 1 1/2" = 1'-0"



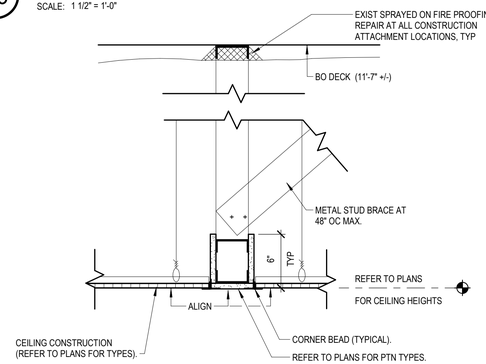
B3 SECTION DETAIL @ SOFFIT

SCALE: 1 1/2" = 1'-0"



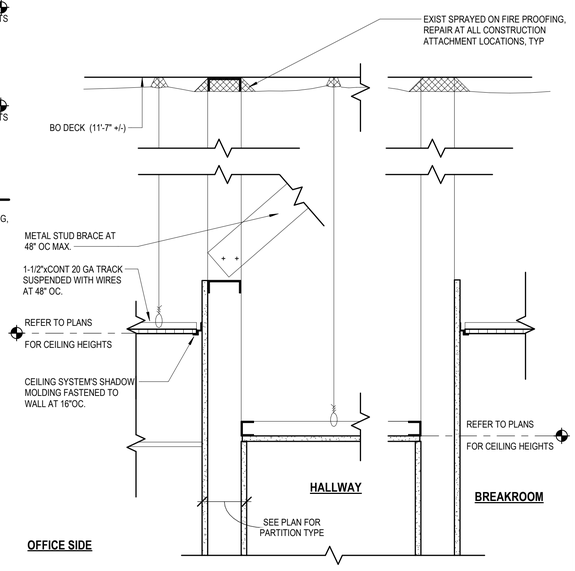
A2 PLAN DETAIL @ INTERIOR COLUMN

SCALE: 1 1/2" = 1'-0"



A3 SECTION DETAIL @ BULKHEAD

SCALE: 1 1/2" = 1'-0"



A5 SECTION DEATIL @ CORRIDOR CEILING

SCALE: 1 1/2" = 1'-0"

NEW YORK STATE OF OPPORTUNITY. Office of General Services
DESIGN & CONSTRUCTION

CONSULTANTS:

QPK DESIGN
ARCHITECTURE, ENGINEERING, SITE + PLANNING

REGISTERED ARCHITECT — 036302 — STATE OF NEW YORK

EXP: MAY 31, 2028

CONTRACT:
CONSTRUCTION

TITLE:
RENOVATE FLOORS 5 &12, AGENCY BUILDING 4

LOCATION:
AGENCY BUILDING 4
EMPIRE PLAZA
ALBANY, NY

CLIENT:
OFFICE OF GENERAL SERVICES

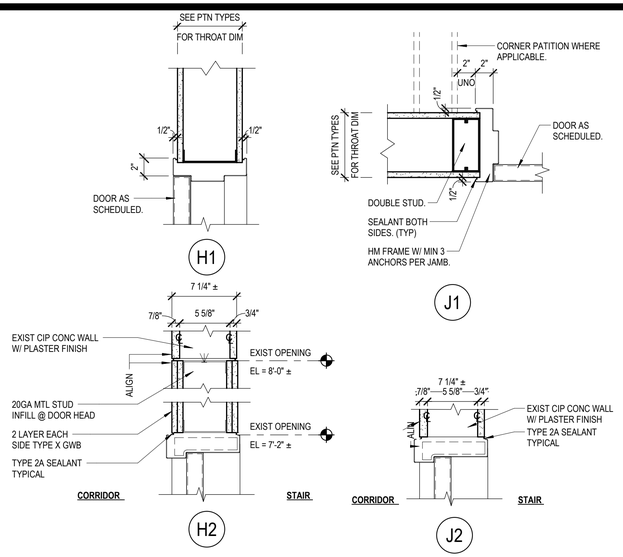
MARK	DATE	DESCRIPTION
1	08/13/2025	ADDENDUM 1
	05/30/2025	BID SET

PROJECT NUMBER:	Q1820 - C,H,P,E
DESIGNED BY:	Designer
DRAWN BY:	CD,KD
FIELD CHECK BY:	Checker
APPROVED BY:	Approver

SHEET TITLE:
INTERIOR SECTION & DETAILS

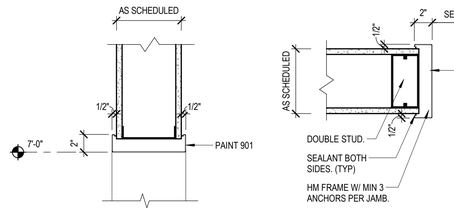
DRAWING NUMBER:
A-402

SHEET 8 OF 30



D1 DOOR HEAD AND JAMB DETAILS

SCALE: 1 1/2" = 1'-0"



C1 CASED OPENING DETAILS (FRAME TYPE 3)

SCALE: 1 1/2" = 1'-0"

100 CARPET (CPT, MAT)
101 (CPT) TARKETT, GEOKNIT; COLOR: SATURATED GREY 42703; SIZE: 24"X24"; INSTALL: QUARTER TURN

200 TILE
201 (CT) MOSA TILE, MURAL LINES; COLOR 36510 BRIGHT WHITE; SIZE: 6"X6" BREAK ROOM, MAPEI GROUT COLOR: 38 AVALANCHE

300 RESILIENT FLOORING AND WOOD (VCT, RT, RUB)
301 (RESIL) MATS INC, WINEO PURLINE WOOD PLANKS; COLOR: QUEEN'S OAK PEARL 1500 XL; SIZE: 10" x 59"; INSTALL: ASHLAR

400 BASE (PCT, VB, QT)
401 (VB) JOHNSONITE, 4" TRADITIONAL BASE, COLOR: 68 WHITE SAND (TYPICAL) USE WITH PNT-901
402 (VB) JOHNSONITE, 4" TRADITIONAL BASE, COLOR: 09 CLAY (CORE) USE WITH PNT-902

500 PLASTIC LAMINATE, SOLID SURFACE (PLAM, SSM)
501 (SSM) DUPONT CORIAN, COLOR: WHISPER (COUNTERS)
502 (PLAM) WILSONART; COLOR: LINEN D427-60 (MILLWORK)

600 ACOUSTICAL CEILING (APC)
601 (APC) ARMSTRONG, 24" x 48" ULTIMA 1990 SQUARE LAYIN WITH 15/16 INTERLUDE XL GRID
602 (APC) ARMSTRONG, 12" x 48" ULTIMA 1990 SQUARE LAYIN WITH 15/16 INTERLUDE XL GRID
603 (APC) ARMSTRONG 24" X 24" ULTIMA 1910 SQUARE LAYIN WITH 15/16 INTERLUDE XL GRID

700 WALLCOVERINGS (VWC, FWC, FRP) - NOT USED

800 JOB SPECIFIC (WOOD, FIBGERGLASS PANEL, METAL, WINDOW TREATMENTS) - NOT USED

900 PAINT, STAIN (PNT, STAIN)
901 (PNT) SHERWIN WILLIAMS, COLOR: SW7100 ARCADE WHITE - TYPICAL
902 (PNT) SHERWIN WILLIAMS, COLOR: SW9111 ANTLER VELVET - CORE ACCENT
903 (PNT) SHERWIN WILLIAMS, COLOR: SW7757 HIGH REFLECTIVE WHITE - SOFFITS/CEILINGS
904 (STAIN) STAIN COLOR TO BE SELECTED FROM MANUFACTURER'S FULL LINE OF STAINS

FINISH NOTES:
DOOR/ FRAMES - SEMIGLOSS FINISH
WALLS - EGGSHELL FINISH
CEILINGS - FLAT FINISH
COLUMNS - SATIN FINISH
EXPOSED FLOOR AND ROOF STRUCTURE - FLAT FINISH
EXPOSED HVAC DUCTS AND MECH EQUIPMENT - CEILING COLOR

A1 FINISH LEGEND

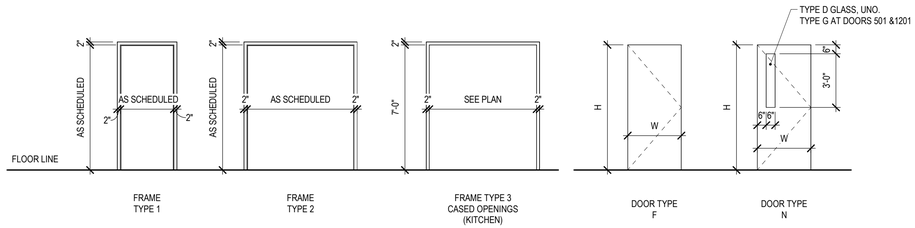
SCALE: 1" = 1'-0"

SCHEDULE-DOOR

	DOOR									FRAME										
DR NO	DR WIDTH	DR HEIGHT	P1 WIDTH	P1 TYPE	P2 WIDTH	P2 TYPE	MAT	FINISH	COLOR	TYPE	MAT	FINISH	COLOR	HEAD	JAMB	THRESHOLD	RATING	HDW SET	REMARKS	DR NO
501	6'-0"	6'-8"	3'-0"	F	3'-0"	F	HM	PNT	904	2	HM	PNT	902	H1	J1	-		3	MAGNETIC DOOR HOLD OPEN/OPERATORS, COORD WITH E-CONTRACT	501
502	3'-0"	7'-0"	3'-0"	F	0"		HM	PNT	904	1	HM	PNT	902	H2	J2	T1	90 MIN	4		502
505A	3'-0"	7'-0"	3'-0"	N	0"		WD	STN	904	1	HM	PNT	901	H1	J1	--		1		505A
505B	EXIST	EXIST	EXIST	EXIST	EXIST		EXIST HM	PNT	901	1	EXIST HM	PNT	901	--	--	--		EXIST		505B
506	3'-0"	7'-0"	3'-0"	N	0"		WD	STN	904	1	HM	PNT	901	H1	J1	--		1		506
507	3'-0"	7'-0"	3'-0"	N	0"		WD	STN	904	1	HM	PNT	901	H1	J1	--		1		507
508A	EXIST	EXIST	EXIST	EXIST	EXIST	F	EXIST HM	PNT	901	2	EXIST HM	PNT	901	--	--			EXIST		508A
508B	EXIST	EXIST	EXIST	EXIST	EXIST	F	EXIST HM	PNT	901	2	EXIST HM	PNT	901	--	--			EXIST		508B
509	3'-0"	7'-0"	3'-0"	F	0"		HM	PNT	901	1	HM	PNT	902	H1	J1	T1		2		509
510A	3'-0"	7'-0"	------'	-------	-------		----	----	----	1	HM	PNT	901	H3	J3	T1	----	----	HM CASED OPENING	510A
510B	3'-0"	7'-0"	------'	-------	-------		----	----	----	1	HM	PNT	901	H3	J3	T1	----	----	HM CASED OPENING	510B
1201	6'-0"	6'-8"	3'-0"	F	3'-0"	F	HM	PNT	901	2	HM	PNT	901	H1	J1	-		3	MAGNETIC DOOR HOLD OPEN/OPERATORS, COORD WITH E-CONTRACT	1201
1202	3'-0"	7'-0"	3'-0"	F	0"		HM	PNT	901	1	HM	PNT	901	H2	J2	T1	90 MIN	4		1202
1205A	3'-0"	7'-0"	3'-0"	N	0"		WD	STN	901	1	HM	PNT	901	H1	J1	--		1		1205A
1205B	EXIST	EXIST	EXIST	EXIST	EXIST		EXIST HM	PNT	901	1	EXIST HM	PNT	901	--	--	--		EXIST		1205B
1206	3'-0"	7'-0"	3'-0"	N	0"		WD	STN	904	1	HM	PNT	901	H1	J1	--		1		1206
1207	3'-0"	7'-0"	3'-0"	N	0"		WD	STN	904	1	HM	PNT	901	H1	J1	--		1		1207
1208	3'-0"	7'-0"	3'-0"	N	0"		WD	STN	904	1	HM	PNT	901	H1	J1	--		1		1208
1209	3'-0"	7'-0"	3'-0"	N	0"		WD	STN	904	1	HM	PNT	901	H1	J1	--		1		1209
1210	3'-0"	7'-0"	3'-0"	N	0"		WD	STN	904	1	HM	PNT	901	H1	J1	--		1		1210
1211	3'-0"	7'-0"	3'-0"	N	0"		WD	STN	904	1	HM	PNT	901	H1	J1	--		1		1211
1212	3'-0"	7'-0"	3'-0"	N	0"		WD	STN	904	1	HM	PNT	901	H1	J1	--		1		1212
1214	3'-0"	7'-0"	3'-0"	N	0"		WD	STN	904	1	HM	PNT	901	H1	J1	--		1		1214
1214A	2'-4"	7'-0"	2'-4"	F	0"		WD	STN	904	1	HM	PNT	901	H1	J1			2		1214A
1215	3'-0"	7'-0"	3'-0"	N	0"		WD	STN	904	1	HM	PNT	901	H1	J1			1		1215
1215A	2'-4"	7'-0"	2'-4"	F	0"		WD	STN	904	1	HM	PNT	901	H1	J1			2		1215A
1216	3'-0"	7'-0"	3'-0"	N	0"		WD	STN	904	1	HM	PNT	901	H1	J1			1		1216
1217	3'-0"	7'-0"	3'-0"	N	0"		WD	STN	904	1	HM	PNT	901	H1	J1			1		1217
1218	3'-0"	7'-0"	3'-0"	N	0"		WD	STN	904	1	HM	PNT	901	H1	J1			1		1218
1219	3'-0"	7'-0"	3'-0"	N	0"		WD	STN	904	1	HM	PNT	901	H1	J1			1		1219
1221A	3'-0"	7'-0"	------'	-------	-------		----	----		1	HM	PNT	902	H3	J3	T1	----	---	HM CASED OPENING	1221A
1221B	3'-0"	7'-0"	------'	-------	-------		----	----		1	HM	PNT	902	H3	J3	T1	----	----	HM CASED OPENING	1221B
1222	3'-0"	7'-0"	3'-0"	N	0"		WD	STN	904	1	HM	PNT	901	H1	J1			1		1222

D3 DOOR SCHEDULE

SCALE: NO SCALE



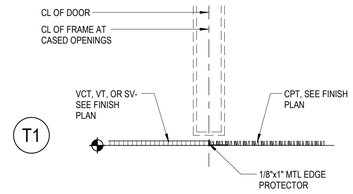
NOTE: ALL FRAMES PAINTED TO MATCH THE HOST WALL.

C3 FRAME AND DOOR TYPES

SCALE: NO SCALE

C6 DOOR TRESHOLD DETAIL

SCALE: 3" = 1'-0"



SCHEDULE-ROOM FINISH

		FLOOR			BASE			WALL			CEILING				
ROOM NUMBER	ROOM NAME	MATERIAL	FINISH	COLOR	MATERIAL	FINISH	COLOR	MATERIAL	FINISH	COLOR	MATERIAL	FINISH	COLOR	COMMENTS	ROOM NUMBER
500	ELEVATOR LOBBY	--	--	--	--	--	--	--	--	--	APC	--	605		500
505	CONFERENCE ROOM	EXIST CONC	CPT	101	EXIST/GWB	VB	401	EXIST/GWB	PNT	901	APC	--	601/602		505
506	ENCLAVE	EXIST CONC	CPT	101	EXIST/GWB	VB	401	EXIST/GWB	PNT	901	APC	--	601		506
507	PRIVATE OFFICE	EXIST CONC	CPT	101	EXIST/GWB	VB	401	EXIST/GWB	PNT	901	APC	--	601/602		507
508	OPEN OFFICE	EXIST CONC	CPT	101	EXIST/GWB	VB	401/402	EXIST/GWB	PNT	901/902	GWB/APC	PNT/--	903/601	PROVIDE BASE RB-402 WHERE PNT-902 IS USED, SEE ENLARGED PLAN C4/A-401	508
509	STORAGE	EXIST CONC	RESIL	301	GWB	VB	401	GWB	PNT	901	APC	--	601/602		509
510	BREAKROOM	EXIST CONC	RESIL	301	GWB	VB	401/402	GWB	PNT/CT	901/902/201	GWB/APC	PNT	903/601/602	PROVIDE BASE RB-402 WHERE PNT-902 IS USED, SEE ENLARGED PLAN C4/A-401	510
1200	ELEVATOR LOBBY	EXIST CONC	--	--	--	--	----	----	----	----	APC	--	605		1200
1205	CONFERENCE ROOM	EXIST CONC	CPT	101	EXIST/GWB	VB	401	EXIST/GWB	PNT	901	APC	--	601		1205
1206	PRIVATE OFFICE	EXIST CONC	CPT	101	EXIST/GWB	VB	401	EXIST/GWB	PNT	901	APC	--	601/602		1206
1207	PRIVATE OFFICE	EXIST CONC	CPT	101	EXIST/GWB	VB	401	EXIST/GWB	PNT	901	APC	--	601/602		1207
1208	PRIVATE OFFICE	EXIST CONC	CPT	101	EXIST/GWB	VB	401	EXIST/GWB	PNT	901	APC	--	601/602		1208
1209	PRIVATE OFFICE	EXIST CONC	CPT	101	EXIST/GWB	VB	401	EXIST/GWB	PNT	901	APC	--	601/602		1209
1210	PRIVATE OFFICE	EXIST CONC	CPT	101	EXIST/GWB	VB	401	EXIST/GWB	PNT	901	APC	--	601/602		1210
1211	PRIVATE OFFICE	EXIST CONC	CPT	101	EXIST/GWB	VB	401	EXIST/GWB	PNT	901	APC	--	601/602		1211
1212	PRIVATE OFFICE	EXIST CONC	CPT	101	EXIST/GWB	VB	401	EXIST/GWB	PNT	901	APC	--	601/602		1212
1213	PRIVATE OFFICE	EXIST CONC	CPT	101	EXIST/GWB	VB	401	EXIST/GWB	PNT	901	APC	--	601/602		1213
1214	PRIVATE OFFICE	EXIST CONC	CPT	101	EXIST/GWB	VB	401	EXIST/GWB	PNT	901	APC	--	601/602		1214
1214A	CLOSET	EXIST CONC	CPT	101	GWB	VB	401	GWB	PNT	901	GWB	PNT	903		1214A
1215	PRIVATE OFFICE	EXIST CONC	CPT	101	EXIST/GWB	VB	401	EXIST/GWB	PNT	901	APC	--	601/602		1215
1215A	CLOSET	EXIST CONC	CPT	101	GWB	VB	401	GWB	PNT	901	GWB	PNT	903		1215A
1216	PRIVATE OFFICE	EXIST CONC	CPT	101	EXIST/GWB	VB	401	EXIST/GWB	PNT	901	APC	--	601/602		1216
1217	STORAGE	EXIST CONC	RESIL	301	GWB	VB	401	GWB	PNT	901	GWB	PNT	903		1217
1217	PRIVATE OFFICE	EXIST CONC	CPT	101	EXIST/GWB	VB	401	EXIST/GWB	PNT	901	APC	--	601/602		1217
1218	PRIVATE OFFICE	EXIST CONC	CPT	101	EXIST/GWB	VB	401	EXIST/GWB	PNT	901	APC	--	601/602		1218
1219	PRIVATE OFFICE	EXIST CONC	CPT	101	EXIST/GWB	VB	401	EXIST/GWB	PNT	901	APC	--	601/602		1219
1220A	HALLWAY	EXIST CONC	CPT	101	GWB	VB	401	GWB	PNT	901	GWB	PNT	903		1220A
1220B	HALLWAY	EXIST CONC	CPT	101	GWB	VB	401	GWB	PNT	901	GWB	PNT	903		1220B
1221	BREAKROOM	EXIST	RESIL	301	GWB	VB	401	GWB	PNT/CT	901	GWB/APC	PNT/--	903/601/602		1221
1222	PRIVATE OFFICE	EXIST	CPT	101	EXIST	VB	401	EXIST	PNT	901	APC	APC	601		1222
1223	OPEN OFFICE	EXIST	CPT	101	EXIST/GWB	VB	401/402	EXIST/GWB	PNT	901/902	GWB/APC	PNT/--	903/601/602	PROVIDE BASE RB-402 WHERE PNT-902 IS USED, SEE ENLARGED PLAN C4/A-401	1223

B3 ROOM FINISH SCHEDULE

SCALE: NO SCALE

NEW YORK STATE OF OPPORTUNITY. Office of General Services
DESIGN & CONSTRUCTION
CONSULTANTS:
QPK DESIGN
ARCHITECTURE, ENGINEERING, SITE + PLANNING

REGISTERED ARCHITECT 035202 STATE OF NEW YORK

EXP: MAY 31, 2028

CONTRACT:
CONSTRUCTION

TITLE:
RENOVATE FLOORS 5 &12, AGENCY BUILDING 4

LOCATION:
AGENCY BUILDING 4
EMPIRE PLAZA
ALBANY, NY

CLIENT:
OFFICE OF GENERAL SERVICES

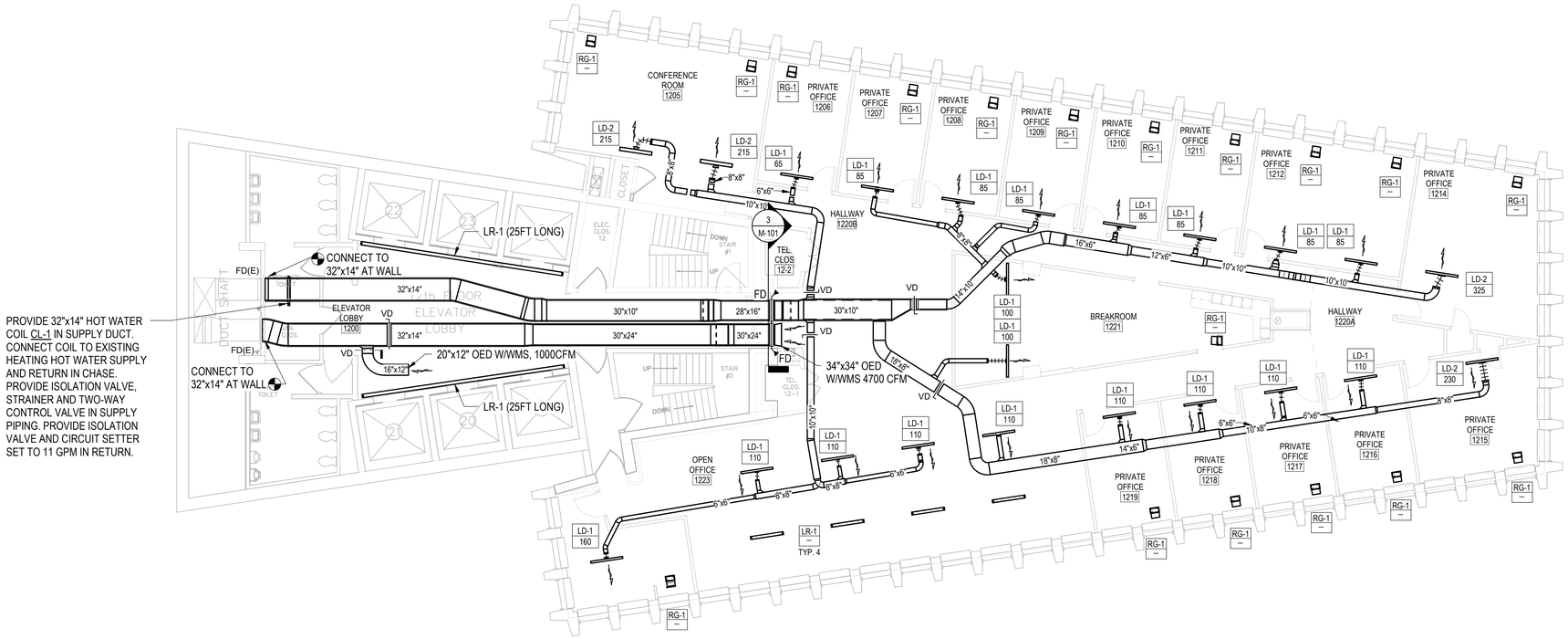
MARK	DATE	DESCRIPTION
1	08/13/2025	ADDENDUM 1
	05/30/2025	BID SET

PROJECT NUMBER:	Q1820 - C,H,P,E
DESIGNED BY:	Designer
DRAWN BY:	CD,KD
FIELD CHECK BY:	Checker
APPROVED BY:	Approver

SHEET TITLE:
SCHEDULES-DOORS AND DETAILS, FINISHES

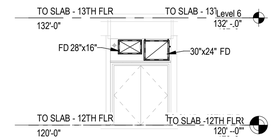
DRAWING NUMBER:
A-601

SHEET 9 OF 30



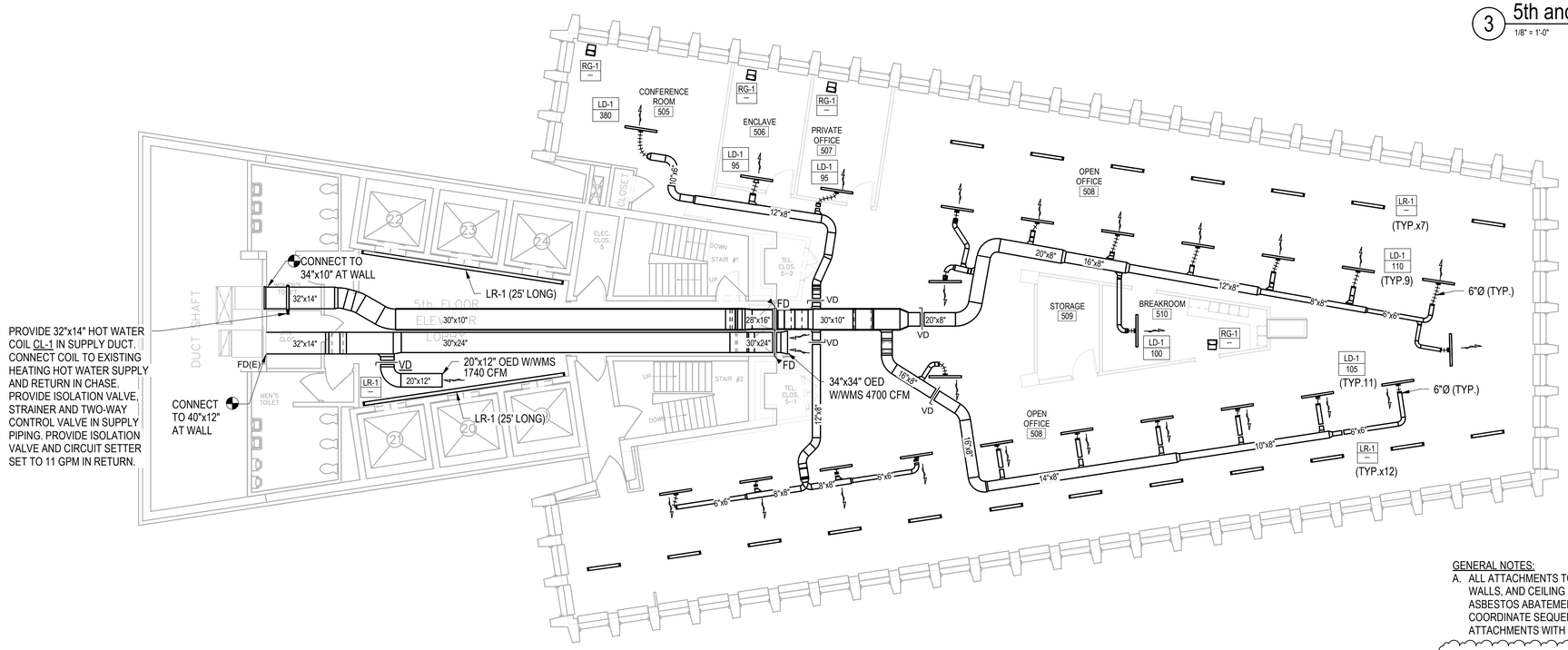
2 HVAC DUCTWORK PLAN - 12TH FLOOR

1/8" = 1'-0"



3 5th and 12th FLOOR FD SECTION

1/8" = 1'-0"



1 HVAC DUCTWORK PLAN - 5TH FLOOR

1/8" = 1'-0"

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-CONTRACT. COORDINATE SEQUENCING OF ANCHOR PLACEMENT AND ATTACHMENTS WITH THE DIRECTOR'S REPRESENTATIVE."

1 B. H-CONTRACTOR TO PROVIDE CONDUIT, WIRING AND TERMINATIONS OF CABLES FOR DDC SYSTEMS. PARTS, PROGRAMMING AND CHECKOUT PROVIDED UNDER H-CONTRACT ALLOWANCES.

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANTS:

CERTIFICATION OF AUTHORIZATION #: 0021745

CHA

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.

STATE OF NEW YORK · JEREMY A. LAZZARO · 089429 · LICENSED PROFESSIONAL ENGINEER

REGISTRATION EXPIRES: 07/31/2026

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
1	08/13/2025	ADDENDUM #1
	05/30/2025	BID SET

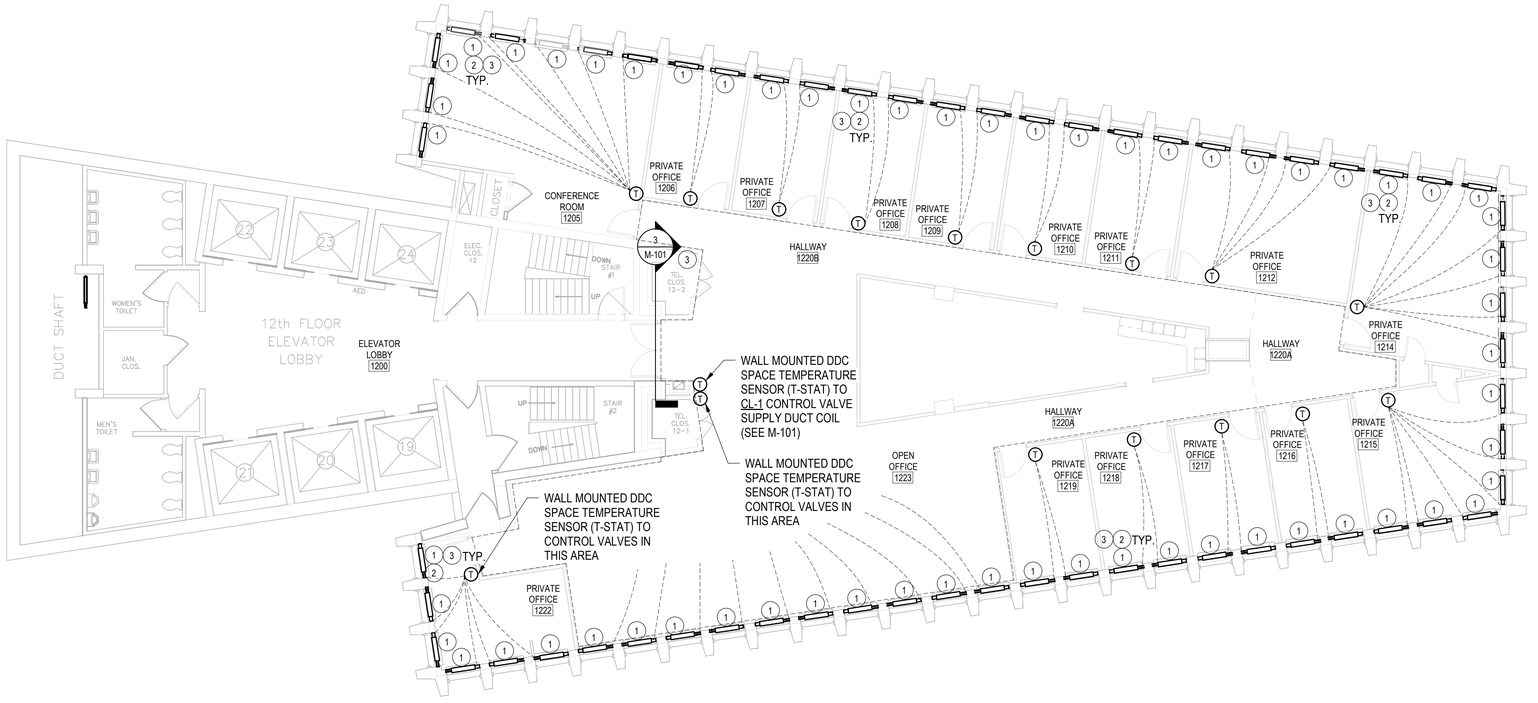
PROJECT NUMBER:	Q1820-H
DESIGNED BY:	ATS
DRAWN BY:	ATS
FIELD CHECK BY:	-
APPROVED BY:	

SHEET TITLE:
HVAC FLOOR PLANS

DRAWING NUMBER:
M-101

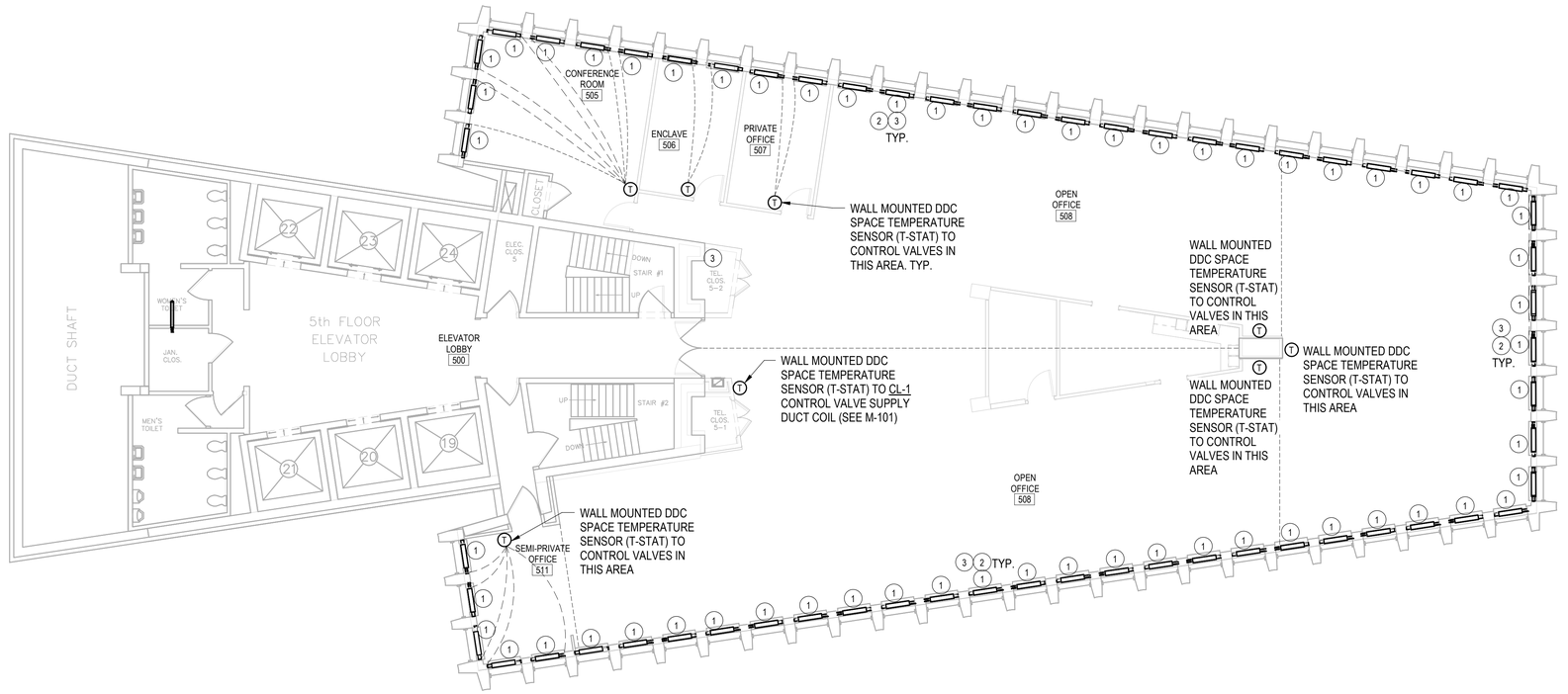
SHEET 12 OF 30

Central File: Update this text with Central File location
36"x24" PLOT SHEET Saved: 8/12/2025 3:23:19 PM Local File: Autodesk Docs://OGS Q1820 - RENO FLOOR 5 & 12 - BLDG 4, AGENCY 4/073419-MEC#24-CENTRAL.rvt



2 HVAC PIPING PLAN - 12TH FLOOR

1/8" = 1'-0" 0' 4' 8' 16'



1 HVAC PIPING PLAN - 5TH FLOOR

1/8" = 1'-0" 0' 4' 8' 16'

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-CONTRACT. COORDINATE SEQUENCING OF ANCHOR PLACEMENT AND ATTACHMENTS WITH THE DIRECTOR'S REPRESENTATIVE.

1 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.

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. 1
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.

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANTS:

CERTIFICATION OF AUTHORIZATION #: 0021745

CHA

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.

STATE OF NEW YORK · JEREMY A. LAZZARO · 089429 · LICENSED PROFESSIONAL ENGINEER

REGISTRATION EXPIRES: 07/31/2026

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
1	08/13/2025	ADDENDUM #1
	05/30/2025	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
35"x24" PLOT SHEET Saved: 8/12/2025 3:23:21 PM
Local File: Autodesk Docs://OGS Q1820 - RENO FLOOR 5 & 12 - BLDG 4, AGENCY 4/R13418-MECH24-CENTRAL.rvt

GENERAL NOTES

1. DO NOT SHUT DOWN ANY FIRE PROTECTION OR RELATED SYSTEMS WITHOUT BUILDING DIRECTOR'S REPRESENTATIVE'S PRIOR WRITTEN APPROVAL. FOLLOW ALL DIRECTOR'S REPRESENTATIVE'S REQUIREMENTS AND SHUT DOWN PROCEDURES AS WELL AS ALL REQUIREMENTS OF THIS PROJECT.
2. IF REQUIRED, PROVIDE SHUT DOWNS AND TIE-INS DURING OFF HOURS TO AVOID DISRUPTION OF BUILDING SYSTEMS. COORDINATE ALL SHUT DOWN REQUIREMENT WITH DIRECTOR'S REPRESENTATIVE. HOURS OF WORK SHALL BE IDENTIFIED ON DRAWING THAT IS APPROVED BY FACILITIES. WHEN SYSTEMS OUT OF SERVICE FIRE WATCH SHALL BE PROVIDED AS PER FC 901.7 AND AS PER NFPA 13 STANDARDS.
3. PROVIDE ALL WORK IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES. OBTAIN ALL REQUIRED PERMITS.
4. FIELD VERIFY EXACT LOCATION, DEPTH, COMPOSITION AND CONDITION OF ALL PIPING, VALVES AND SYSTEMS AS REQUIRED FOR WORK OF THE CONTRACT.
5. PROVIDE CUTTING, CORING AND PATCHING OF ALL WALLS, SLABS AND DECKS AS REQUIRED FOR WORK SHOWN. COORDINATE ALL WORK WITH DIRECTOR'S REPRESENTATIVE'S AND CONSTRUCTION CONTRACTOR AND ALL TRADES.
6. SPRINKLER SYSTEMS SHALL BE HYDRAULICALLY CALCULATED PER NFPA 13 CHAPTER "PLANS AND CALCULATIONS".
7. PIPING SIZES AND SPRINKLER HEAD LOCATIONS SHOWN ON DRAWINGS ARE FOR ESTIMATING PURPOSES ONLY. FINAL SIZES AND LOCATIONS SHALL BE PROVIDED VIA APPROVED, STAMPED SHOP DRAWINGS AS PER SPECIFICATIONS.
8. COORDINATE WITH ALL OTHER TRADES BEING RENOVATED PRIOR TO INSTALLATION OF ANY FIRE PROTECTION PIPING. RUN FIRE PROTECTION MAINS AND BRANCHES AS HIGH AS POSSIBLE IN CEILING PLENUM, UTILIZE BEAM POCKETS WHERE POSSIBLE.
9. 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-CONTRACT. COORDINATE SEQUENCING OF ANCHOR PLACEMENT AND ATTACHMENTS WITH THE DIRECTOR'S REPRESENTATIVE.
10. ALL PAINT REMOVALS OR IMPACTS TO PAINTED SURFACES SHALL BE PERFORMED IN ACCORDANCE WITH OSHA'S LEAD IN CONSTRUCTION STANDARD.

1

LINETYPE LEGEND

	ARCHITECTURAL BACKGROUND
	EXISTING PIPING TO REMAIN
	EXISTING PIPING TO BE REMOVED
	PIPING TO BE PROVIDED
FP	FIRE PROTECTION (WET)
SP	STANDPIPE
DR	SPRINKLER DRAIN

SYMBOLS LEGEND

	POINT OF DISCONNECTION
	POINT OF CONNECTION
	PIPE TURNED UP
	PIPE TURNED DOWN
	BRANCH OFF BOTTOM OF PIPE
	BRANCH OFF TOP OF PIPE
	GENERIC VALVE (REFER TO SPECIFICATIONS FOR SPECIFIC TYPE OF VALVE)
ZCV	ZONE CONTROL VALVE ASSEMBLY
FS	FLOW SWITCH
TS	TAMPER SWITCH
	FIRE HOSE VALVE
	FIRE HOSE VALVE W/ HOSE

ABBREVIATIONS

%	PERCENT
ACV	ALARM CHECK VALVE
AD	ACCESS DOOR
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHJ	AUTHORITY HAVING JURISDICTION
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APPROX	APPROXIMATE
AVG	AVERAGE
BLDG	BUILDING
BSMT	BASEMENT
CC	CONSTRUCTION CONTRACTOR
CONT	CONTINU (-ED), (-OUS), (-ING)
DCDA	DOUBLE CHECK VALVE DETECTOR ASSEMBLY
DEG	DEGREE
DIA	DIAMETER
DN	DOWN
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
EFF	EFFICIENCY
ELEV	ELEVATION
ETR	EXISTING TO REMAIN
EXIST. (E)	EXISTING
F	FAHRENHEIT
FDC	FIRE DEPARTMENT CONNECTION
FPC	FIRE PROTECTION CONTRACTOR
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FS	FLOW SWITCH
FT	FOOT
GAL	GALLON
GPM	GALLONS PER MINUTE
HC	HVAC CONTRACTOR
HD	HEAD
IN	INCH
MAX	MAXIMUM
MIN	MINIMUM
MISC	MISCELLANEOUS
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NTS	NOT TO SCALE
PC	PLUMBING CONTRACTOR
PD	PRESSURE DROP OR DIFFERENCE
PIV	POST INDICATOR VALVE
PS	PRESSURE SWITCH
PSIG	PSI GAUGE
RPM	REVOLUTIONS PER MINUTE
SF	SQUARE FOOT
SP	SPRINKLER PIPE
SPEC	SPECIFICATION
TBD	TO BE DETERMINED
TEMP	TEMPERATURE
TS	TAMPER SWITCH
TYP	TYPICAL

SPRINKLER HEAD SCHEDULE

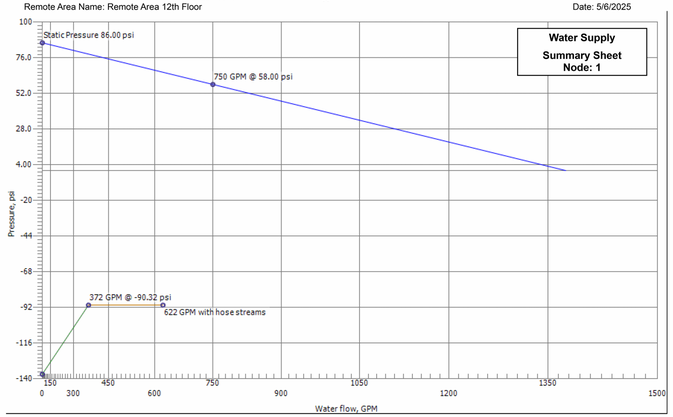
SYMBOL	DESCRIPTION	LOCATION(S)	MODEL NUMBER
●	QUICK RESPONSE PENDANT TYPE - CONCEALED WHITE HEAD ASSEMBLIES	FINISHED SPACES WITH CEILINGS	VICTAULIC FIRELOCK V3802
○	QUICK RESPONSE UPRIGHT TYPE - NATURAL BRASS FINISH	UNFINISHED SPACES	VICTAULIC FIRELOOK V2704
D ▷	QUICK RESPONSE DRY SIDEWALL TYPE - NATURAL BRASS FINISH	ON SIDEWALL WITHIN FINISHED SPACES	VICTAULIC FIRELOOK V3610

FIRE PROTECTION BRANCH LINE PIPE SIZE MATRIX

NO. OF SPRINKLER HEAD(S)	PIPE SIZES (IN)
1	1
2	1-1/4
3 TO 5	1-1/2
6 TO 10	2

Hydraulic Graph

Job Name: RENOVATION FLRS 5 & 12, BUILDING 4
Remote Area Name: Remote Area 12th Floor
N 1.85
Date: 5/6/2025

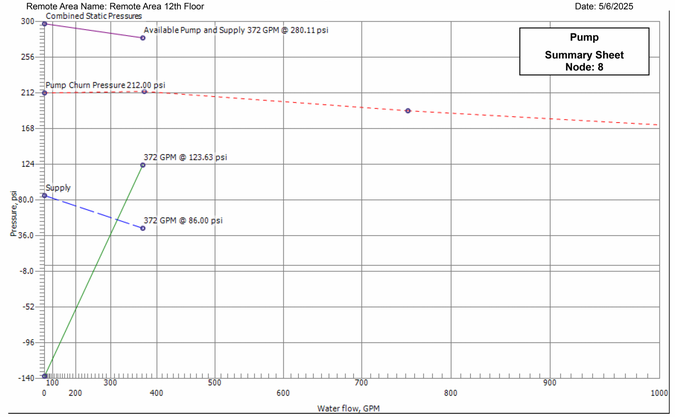


A negative result in Required Pressure indicates that the Pump is capable of furnishing all of the pressure required by the demand reported within this calculation.
No pressure is being required from the Source/Supply to meet the demand (by a margin of this negative value).

@ M.E.P.CAD AutoSPRINK RVT v8.3.5.0 5/6/2025 10:49:37AM Page 1

Hydraulic Graph

Job Name: RENOVATION FLRS 5 & 12, BUILDING 4
Remote Area Name: Remote Area 12th Floor
N 1.85
Date: 5/6/2025



Pump Rating: 753 GPM @ 190.00 psi

Supply: (Assumed) Static:86.00 psi, Residual:58.00 psi, Flowing:750 GPM

A negative result in Required Pressure indicates that the Pump is capable of furnishing all of the pressure required by the demand reported within this calculation.
No pressure is being required from the Source/Supply to meet the demand (by a margin of this negative value).

@ M.E.P.CAD AutoSPRINK RVT v8.3.5.0 5/6/2025 10:49:37AM Page 2

FIRE PUMP SUPPLY INFORMATION	
FIRE PUMP ACCEPTANCE TEST RESULTS (@PUMP DISCHARGE)	212 PSI @ CHURN 214 PSI @ 375 GPM 190 PSI @ 753 GPM 161 PSI @ 1132 GPM

THE SOURCE NODE POINT IN HYDRAULIC CALCULATIONS SHALL BE LOCATED AT THE LOCATION OF THE DISCHARGE FLANGE OF THE SITE FIRE PUMP. VERIFY ALL EXISTING PIPING AND FITTINGS BETWEEN THE SPRINKLER SYSTEM CONNECTION POINT TO THE BUILDING STANDPIPE SYSTEM AND THE EXISTING FIRE PUMP. THE FACILITY CONTAINS A SITE PUMP, WHICH SUPPLIES THE WORK BUILDINGS. THE 250 GPM HOSE STREAM ALLOWANCE SHALL BE INCLUDED IN THE HYDRAULIC CALCULATION AT THE POINT OF CONNECTION OF THE SPRINKLER SYSTEM TO THE EXISTING STANDPIPE DISTRIBUTION MAIN.

CONTRACTOR SHALL PROVIDE A FIRE HYDRANT FLOW TEST AND FIRE PUMP FLOW TEST WITH REPORTS, AS PER NFPA 13. TEST SHALL BE CONDUCTED NO MORE THAN 12 MONTHS PRIOR TO THE WORKING PLAN SUBMITTAL. THIS WILL BE NO ADDED COST TO THE STATE.

HYDRAULIC INFORMATION REMOTE AREA: OFFICE AREA	
OCCUPANCY CLASSIFICATION	LIGHT HAZARD
AREA OF APPLICATION*	910 SF
DENSITY	0.1 GPM/SF
K-FACTOR	5.6
OUTSIDE HOSE STREAM ALLOWANCE	250 GPM

*REFER TO NFPA 13-2016, SECTION OF 11.2.3.2.3

NEW YORK STATE OF OPPORTUNITY. Office of General Services
DESIGN & CONSTRUCTION

CONSULTANTS:

QPK DESIGN
ARCHITECTURE, ENGINEERING, SITE + PLANNING
PDG POPLI DESIGN GROUP
555 Penbrooke Drive • Penfield, NY 14526
main: 585.388.2060 • fax: 585.388.2070
CERTIFICATE OF AUTHORIZATION: 021331

STATE OF NEW YORK · DANIEL LACCETTI · LICENSED PROFESSIONAL ENGINEER · 109560
EXPIRATION: 02/28/2027

CONTRACT: PLUMBING

TITLE: RENOVATION FLRS 5 & 12, BUILDING 4

LOCATION: AGENCY BUILDING 4
EMPIRE PLAZA
ALBANY, NY

CLIENT: OFFICE OF GENERAL SERVICES

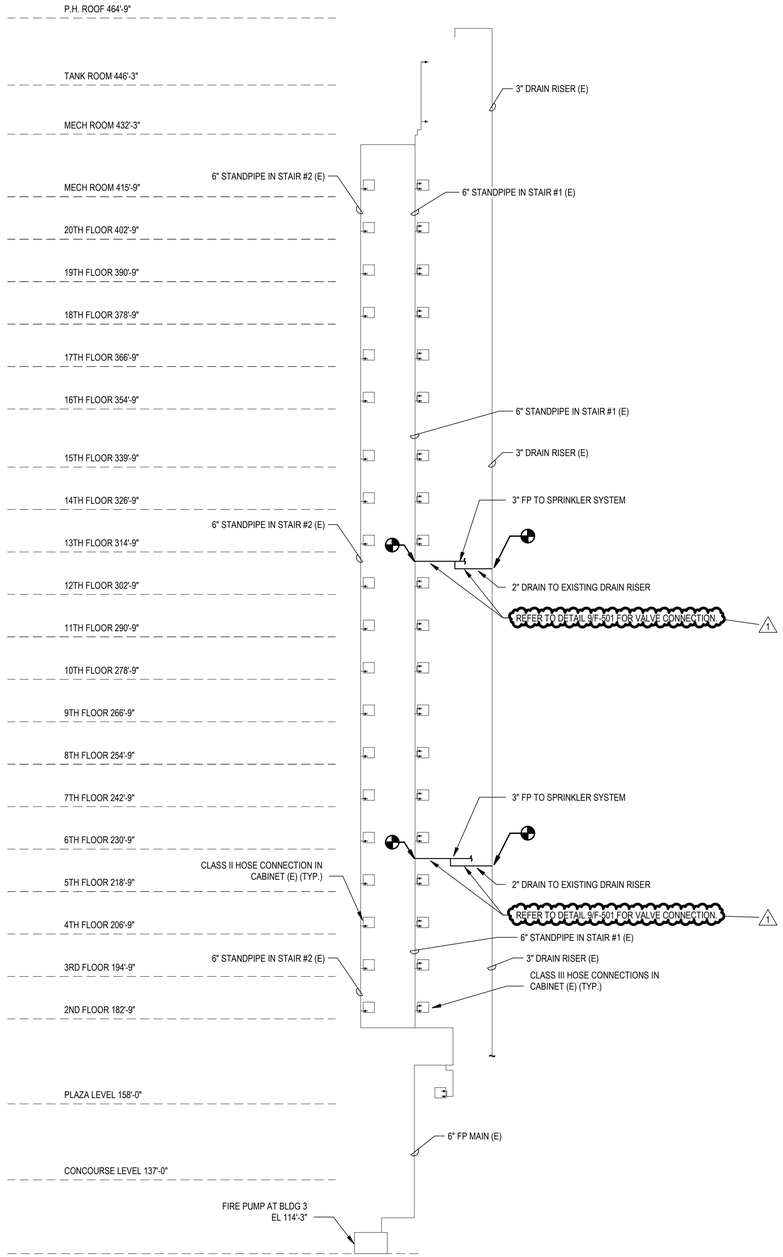
MARK	DATE	DESCRIPTION
1	08/13/2025	ADDENDUM 1
	05/30/2025	BID SET

PROJECT NUMBER: Q1820 - P
DESIGNED BY: AD
DRAWN BY: AD
FIELD CHECK BY: -
APPROVED BY: DH

SHEET TITLE:
FIRE PROTECTION ABBREVIATIONS, NOTES, AND SYMBOLS

DRAWING NUMBER: F-001

SHEET 18 OF 30



1 RISER DIAGRAM
NOT TO SCALE

Central File: Update this text with Central File location
36"x24" PLOT SHEET Saved: 8/13/2025 11:07:19 AM Local File: Autodesk Docs://OGS Q1820 - RENO FLOOR 5 & 12 - BLDG 4, AGENCY 4/2192823-CAN-FP24.rvt

NEW YORK STATE OF OPPORTUNITY. | Office of General Services

DESIGN & CONSTRUCTION

CONSULTANTS:

QPK DESIGN
ARCHITECTURE, ENGINEERING, SITE + PLANNING
PDG POPLI DESIGN GROUP
555 Penbrooke Drive • Penfield, NY 14526
main: 585.388.2060 • fax: 585.388.2070
CERTIFICATE OF AUTHORIZATION: 021331

STATE OF NEW YORK · DANIEL LACCETTI · LICENSED PROFESSIONAL ENGINEER · 109560
EXPIRATION: 02/28/2027

CONTRACT: PLUMBING

TITLE: RENOVATION FLRS 5 & 12, BUILDING 4

LOCATION: AGENCY BUILDING 4
EMPIRE PLAZA
ALBANY, NY

CLIENT: OFFICE OF GENERAL SERVICES

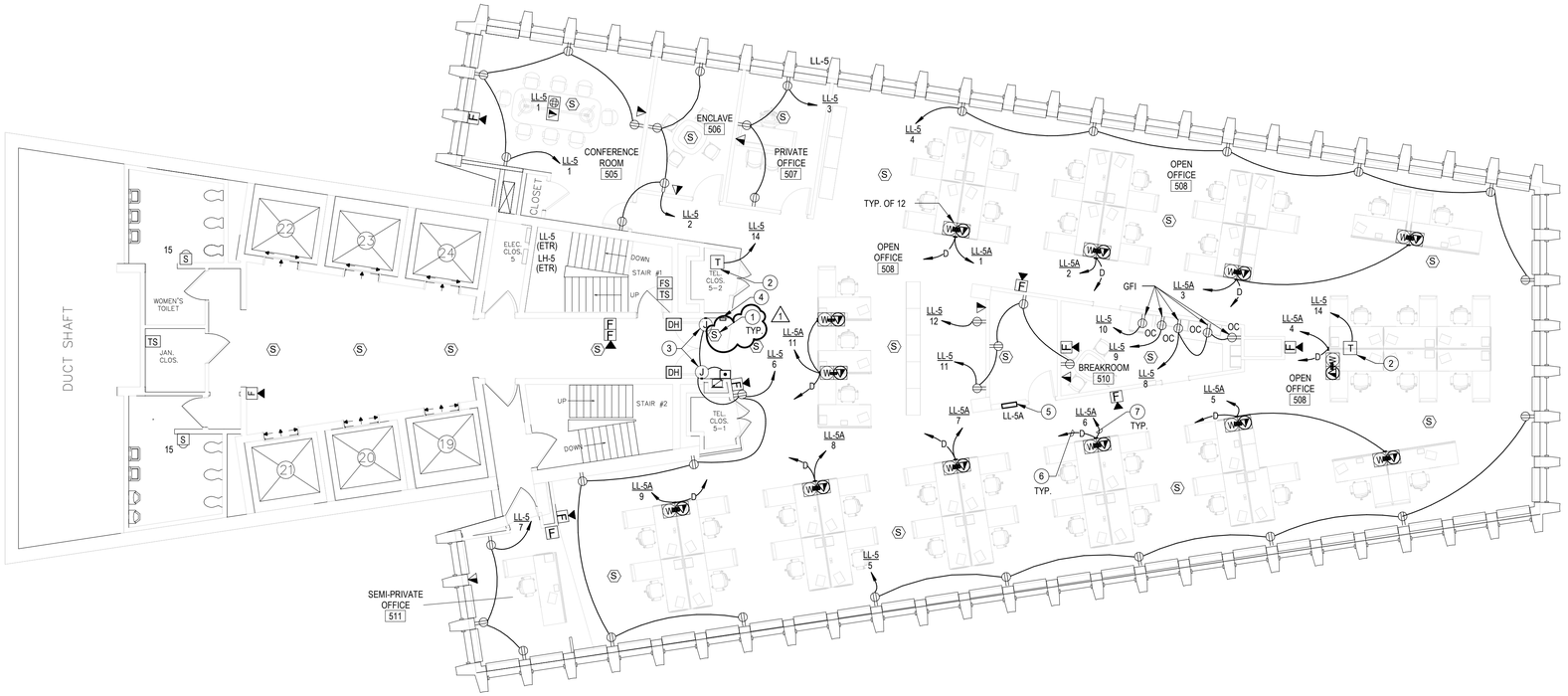
MARK	DATE	DESCRIPTION
1	08/13/2025	ADDENDUM 1
	05/30/2025	BID SET

PROJECT NUMBER:	Q1820 - P
DESIGNED BY:	AD
DRAWN BY:	AD
FIELD CHECK BY:	-
APPROVED BY:	DH

SHEET TITLE:
FIRE PROTECTION RISER DIAGRAM

DRAWING NUMBER:
F-201

SHEET 22 OF 30



1 5TH FLOOR ELECTRICAL POWER & SYSTEMS PLAN

1/8" = 1'-0"

2 12TH FLOOR ELECTRICAL POWER & SYSTEM PLAN

1/8" = 1'-0"

GENERAL NOTES

1. SEE DRAWING E-001 FOR SYMBOLS AND E-501 FOR PANEL SCHEDULE.
2. FOR ABATEMENT COORDINATION, 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-CONTRACT. COORDINATE SEQUENCING OF ANCHOR PLACEMENT AND ATTACHMENTS WITH THE DIRECTOR'S REPRESENTATIVE.
3. C-CONTRACT PERFORMS FLOOR CORING FOR INSTALLING DEVICE OUTLETS, FLOOR BOXES, AND RELATED COMPONENTS. COORDINATE EXACT LOCATIONS OF FLOOR DEVICES WITH FURNITURE VENDOR, WITH ASSISTANCE FROM DIRECTOR'S REPRESENTATIVE. FLOOR MOUNTED POWER AND DATA IN-FEED JUNCTION BOX FOR WORKSTATION FURNITURE FURNISHED BY E-CONTRACT. INSTALLATION OF POWER AND DATA WIRING WITHIN EXISTING FLOOR RACEWAY SYSTEM BY C-CONTRACT. ALL WORK IS COMPLETED PER APPLICABLE CODES, AND WITH MINIMAL DISRUPTION TO EXISTING SYSTEMS.
4. ROUTE CONDUIT AND WIRING FOR FIRE ALARM DEVICES ON FLOOR 5 TO TEL CLOS 5-2. CORE DRILL UP TO TEL CLOSET 6-2 ON FLOOR 6. INSTALLATION OF CONDUIT IS BY C-CONTRACTOR, E-CONTRACTOR TO FURNISH CONDUIT AND PROVIDE WIRING FOR FIRE ALARM DEVICES. DEVICES AND PROGRAMMING PROVIDED UNDER E-CONTRACT FIRE ALARM ALLOWANCES.
5. ROUTE CONDUIT AND WIRING FOR FIRE ALARM DEVICES ON FLOOR 12 BACK TO FACP LOCATED IN TEL. CLOSET 12-2. INSTALLATION OF CONDUIT IS BY C-CONTRACTOR, E-CONTRACTOR TO FURNISH CONDUIT AND PROVIDE WIRING FOR FIRE ALARM DEVICES. DEVICES AND PROGRAMMING PROVIDED UNDER E-CONTRACT FIRE ALARM ALLOWANCES.

1

CODED NOTES (#)

1. PROVIDE SMOKE DETECTOR FOR FIRE SMOKE DAMPER. ROUTE SMOKE DETECTOR BACK TO FACP. REFER TO HVAC DRAWINGS FOR EXACT LOCATION.
2. 120V-24V TRANSFORMER FOR INDUCTION UNIT CONTROL VALVES. COORDINATE TRANSFORMER SIZE IN THE FIELD.
3. PROVIDE 120V CONNECTION TO DOOR OPERATORS FROM THE NEAREST RECEPTACLE CIRCUIT, INDICATED ON PLANVIEW. COORDINATE MOUNTING HEIGHT WITH DIRECTOR'S REPRESENTATIVE.
4. PROVIDE REMOTE TEST STATION FOR FIRE SMOKE DAMPER SMOKE DETECTOR. REFER TO HVAC DRAWINGS FOR EXACT LOCATION.
5. PROVIDE PANELBOARD AND BREAKERS PER CORRESPONDING PANEL SCHEDULE. REUSE AND RECONNECT CIRCUITS SAVED DURING REMOVAL. REFER TO DRAWING E-501 FOR PANEL SCHEDULE.
6. USE EXISTING FLOOR RACEWAY FOR ALL DATA FURNITURE CONNECTIONS TO TELEPHONE CLOSET 5-1. C-CONTRACTOR TO INSTALL WIRING IN EXISTING RACEWAY WITH WIRING FURNISHED BY E-CONTRACTOR.
7. USE EXISTING FLOOR RACEWAY SYSTEM FOR ALL POWER FURNITURE CONNECTIONS TO PANEL LL-5A. C-CONTRACTOR TO INSTALL WIRING IN EXISTING RACEWAY WITH WIRING FURNISHED BY E-CONTRACTOR.

1

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANTS:

CERTIFICATION OF AUTHORIZATION #: 0021745

CHA

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.

STATE OF NEW YORK · JOSEPH J. DELABRIERE · 089569 · LICENSED PROFESSIONAL ENGINEER

Expires 10/31/2025

CONTRACT:
ELECTRICAL

TITLE:
RENOVATE FLOORS 5 & 12 BUILDING 4

LOCATION:
AGENCY BUILDING 4
EMPIRE STATE PLAZA
ALBANY, NY

CLIENT:
OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
1	08/13/25	ADDENDUM
	05/30/2025	BID SET

PROJECT NUMBER:	Q1820-E
DESIGNED BY:	TJD
DRAWN BY:	TJD
FIELD CHECK BY:	
APPROVED BY:	

SHEET TITLE:
5TH & 12TH FLOOR ELECTRICAL POWER & SYSTEMS PLAN

DRAWING NUMBER:
E-101

SHEET 27 OF 30

Central File: Update this text with Central File location
36"x24" PLOT SHEET Saved: 8/12/2025 3:53:20 PM
Local File: Autodesk Docs://OGS 01820- RENO FLOOR 5 & 12 - BLDG 4, AGENCY 4/01349-Elec24-Central.rvt