



Office of General Services

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

ADDENDUM NO. 2 TO PROJECT NO. 47386

CONSTRUCTION, PLUMBING AND ELECTRICAL WORK REHABILITATE STAIRS & ENTRYWAY CORNERSTONE EMPIRE STATE PLAZA ALBANY, NY

March 4, 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.

CONSTRUCTION WORK SPECIFICATIONS

1. SECTION 087100 FINISH HARDWARE: Discard the Section bound in the Project Manual and substitute the accompanying Section (pages 087100 – 1 through 087100 – 9) noted “ADDENDUM 2 – REVISED 3/3/2025”.

CONSTRUCTION WORK DRAWINGS

2. Revised Drawing:
 - a. Drawing No. A-012 noted “Revised Drawing 03/03/2025”, accompany this Addendum and supersede the same numbered originally issued drawings.

END OF ADDENDUM

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

SECTION 087100
FINISH HARDWARE

PART 1 GENERAL

1.01 REFERENCES

- A. NFPA 80 Fire Doors and Windows (2007).
- B. NFPA 101 Life Safety Code (2006).
- C. Building Code of New York State (2010).
- D. ICC/ANSI A117.1-2003 Accessible and Usable Buildings and Facilities.
- E. ANSI/BHMA Standard A156.1 Butts and Hinges (2006).
- F. ANSI/BHMA Standard A156.4 Door Controls – Closers (2008).
- G. ANSI/BHMA Standard A156.6 Architectural Door Trim (2005).
- H. ANSI/BHMA Standard A156.7 Template Hinge Dimensions (2009).
- I. ANSI/BHMA Standard A156.8 Door Controls – Overhead Stops and Holders (2005).
- J. ANSI/BHMA Standard A156.13 Mortise Locks and Latches Series 1000 (2005).
- K. ANSI/BHMA Standard A156.16 Auxiliary Hardware (2008).
- L. ANSI/BHMA Standard A156.18 Materials and Finishes (2006).
- M. ANSI/BHMA Standard A156.22 Door Gasketing Systems (2005).
- N. ANSI/BHMA Standard A156.26 Continuous Hinges (2006).
- O. DHI - Door and Hardware Institute.
- P. NAAM Standard HMMA 800-96- Hollow Metal Manufacturers Association.
- Q. NAAM Standard HMMA 831-97 Recommended Hardware Locations for Custom Hollow Metal Doors and Frames.
- R. 2010 Standards for State and Local Government Facilities: Title II.

1.02 DEFINITIONS

- A. Architectural Hardware Consultant (AHC): A Door and Hardware Institute certified expert in complex architectural openings requiring advanced knowledge of model building codes and safety standards, ADA requirements, access control knowledge and installation expertise.
- B. Architectural Hardware Distributor: A company that regularly purchases architectural hardware from manufacturers and specializes in the sale, service and support of that hardware to contractors and/or end users.
- C. Company Field Advisor(s): Hardware manufacturers’ representatives who are certified in writing by manufacturer to be technically qualified in design, installation, and servicing of products.
- D. Installation Supervisor: Designated supervisor/installer, who has a minimum three years experience in finish hardware installation, and is qualified and responsible to ensure approved finish hardware is installed, adjusted, and operates properly.

1.03 SUBMITTALS

- A. Waiver of Submittals: The Waiver of Certain Submittal Requirements in Section 013300 does not apply to this Section.
- B. Re-Evaluation Fee: In accordance with the General Conditions 07213 Article 4.7.
- C. Submittal Package Cover Sheets: The Hardware Distributor shall provide a cover sheet, which identifies each package by:
 - 1. OGS project number.
 - 2. Project name.
 - 3. Facility name and location.
 - 4. Submittal Package name.
 - 5. Specification section name and number.
 - 6. Construction Contractor’s company name, address, e-mail address, and telephone number.
 - 7. Finish Hardware Distributor’s company name, address, e-mail address, and telephone number.
 - 8. Certified Architectural Hardware Consultant’s name, company name, address, e-mail address, and telephone number.
 - 9. Submittal Date.
- D. Submittal Packages
 - 1. Quality Control Package: Do not submit balance of packages until this package is approved.
 - a. Architectural Hardware Consultant Data:
 - 1) Provide name, business address, and telephone number of DHI certified Architectural Hardware Consultant.
 - 2) Submit photocopy of Door and Hardware Institute’s certificate demonstrating individual is an Architectural Hardware Consultant.

- b. Company Field Advisor Data:
 - 1) Provide name, business address, and telephone number of Company Field Advisor(s) for continuous hinges, door bolts, locksets, overhead stops, door closers, and gaskets.
 - 2) List services and products for which company field advisor(s) is/are certified by manufacturer. Provide written certifications.
 - c. Hardware Distributor's Qualification Data:
 - 1) Provide the Finish Hardware Distributor's company name, address, e-mail address, and telephone number.
 - 2) Provide the hardware distributor's company history, including number of years in the hardware distribution business, the number of AHC's employed, and the number of employees. Describe the distributor's major market.
 - 3) Include the names and contact information of physical plant managers for 3 facilities, similar to this project, for which the distributor has furnished architectural hardware within the past 2 years.
 - d. Supervisor's/Installer's Qualification Data:
 - 1) Name of Supervisor and each installer performing Work, and employer's name, business address and telephone number.
 - 2) Names and addresses, and contact information of physical plant managers for 3 facilities, similar to this project, on which each installer has worked on during past 2 years.
2. Finish Hardware Package:
- a. Finish Hardware Schedule: Use vertical format and indicate finish hardware items, both mechanical and electrical in one document, required to complete Work of this section. Submit Hardware Schedule that includes complete hardware sets for each door and frame shown on Door Schedule.
 - 1) Preface schedule with following:
 - a) Certified Architectural Hardware Consultant's statement of preparation of/or certification of, Finish Hardware Schedule.
 - b) Index.
 - c) List of manufacturers.
 - d) List of finishes.
 - e) Explanation of abbreviations.
 - f) Keying instructions and key schedule.
 - 2) Create hardware groups, each group consisting of similar doors and hardware. Do not combine labeled and non-labeled openings. Do not combine doors and frames with dissimilar door sizes and/or materials.
 - 3) For each opening include the following:
 - a) Door and frame materials and dimensions.
 - b) Fire rating.
 - c) Door number, location and handing.
 - d) Degree of opening required for closer and/or overhead stop.

- e) Installation and detailing notes.
- 4) Under each group heading, list hardware items in detail, required for ordering. For each hardware item include:
 - a) Type (Hinges).
 - b) Quantity (Hinges 3ea).
 - c) Manufacturers' name (Hinges 3ea Stanley).
 - d) Catalog number (Hinges 3ea Stanley FBB199).
 - e) Size (Hinges 3ea Stanley FBB199 4 ½ x 4 ½).
 - f) Options or accessories (Hinges HTFBB199 4 ½ x 4 ½).
 - g) Finish (Hinges HTFBB199 4 ½ x 4 ½ x 630).
 - h) Fasteners (Hinges HTFBB199 4 ½ x 4 ½ x 630 x torx with center security pin).
 - i) Indicate location of protection plates: Push side or pull side.
 - j) Installation Notes, as written in this section, for each hardware group.
- 5) Use a separate hardware group in Hardware Schedule that lists attic stock hardware items, key cabinets, key control system, special tools required to install hardware, lubricants, and Operations and Maintenance Manuals.
- b. Product Data: Furnish six copies of manufacturers' catalog sheets, specifications, sizing charts, and installation instructions, for each item specified. Highlight information pertaining specifically to product (s) submitted.
- c. Submit samples as requested.
- 3. Closeout Submittals Package: Submit as a complete package.
 - a. Operation and Maintenance Manuals: Furnish 2 hardcover three ring binders with the project name and number displayed on the front cover and spine. Include:
 - 1) List of Manufacturers.
 - 2) Approved Finish Hardware Schedule.
 - 3) Approved Manufacturers' Product Data Sheets.
 - 4) Manufacturer's operation, installation, maintenance, and repair instructions for each type of hardware furnished.
 - 5) Templates for kind of hardware furnished.
 - 6) Parts List for each type of finish hardware furnished.
 - 7) Manufacturers' dated written warranty for each type of finish hardware furnished.
 - 8) Certifications: Written certification from Company Field Advisors that their products are installed according to manufacturers' printed installation instructions, are operating properly, and manufacturers' written warranty will be in effect upon physical completion of the Work.
 - 9) Special Tools: List of special tools required to install hardware, and their purpose.
 - b. Special Tools:
 - 1) At conclusion of finish hardware installation, turn over to Director's Representative 2 of each special tool required to install hardware together with a list of these tools and their purpose.

1.04 TEMPLATES

- A. After receipt of approved submittals, furnish templates to affected trades, to enable fabricators to make provision for finish hardware without delaying the Work of the Project.

1.05 DELIVERY AND STORAGE

- A. Coordinate delivery to avoid delay.
- B. Clearly label each item for identification and installation location as it corresponds to the approved Finish Hardware Schedule and subsequent information bulletins.
- C. Deliver hardware to the jobsite in the manufacturers’ original packages complete with fasteners, parts, installation instructions, and templates required for proper installation.
- D. Inventory hardware at jobsite to identify shortages or backorders. Resolve delivery shortages and damaged items prior to installing hardware.
- E. Store finish hardware where directed by Director’s Representative. Provide locked, dry storage for finish hardware.

1.06 QUALITY ASSURANCE

- A. Hardware Distributor’s Qualification:
 - 1. Hardware Distributor who has been in the business of furnishing, and/ or installing finish hardware for a minimum of three years.
 - 2. Hardware Distributor shall have the DHI certified Architectural Hardware Consultant prepare or certify the Finish Hardware Submittal meets specification requirements, and the schedule is written accurately and in accordance with DHI recommendations, and requirements of this specification.
- B. Company Field Advisors: Employ advisor(s) for continuous hinges, door bolts, mortise locksets, surface overhead stops, door closers, and gaskets.
- C. Installation Supervisor: Employ a qualified Installation Supervisor who will be responsible to ensure approved finished hardware is installed, adjusted and operates properly.
- D. Installers: Employ experienced finish hardware installers who have been regularly employed by a Company installing finish hardware for a minimum of 5 years.
- E. Uniformity of Hardware and Single Source Responsibility: For each kind of hardware provide product(s) of a single manufacturer.
- F. Size Variations: Manufacturers’ products may vary slightly from sizes specified except where minimum size or thickness is specified.

1.07 WARRANTY

- A. Manufacturer’s Warranty: Ten year minimum warranty for door closers.
- B. Manufacturer’s Warranty: Three year minimum for locksets.

1.08 MAINTENANCE

- A. Special Tools: At the conclusion of finish hardware installation, turn over to Owner’s Representative 2 sets of each special tools required for proper installation and adjustment of hardware, together with a list of these tools and their purpose.
- B. Lubricants: Provide manufacturer’s recommended lubricants for locksets and closers sufficient for 1 year of maintenance. Turn over to Director’s Representative.

PART 2 PRODUCTS

2.01 ACCESSORIES

- A. Provide brackets, plates, arms, spacers, and special templates to mount door closers in combination with overhead stops and coordinators, on narrow top rails and for special ceiling and jamb conditions.
- B. Provide curved lip strikes, with wrought boxes, specific to individual lock functions. Universal strikes that fit a variety of lock functions are not acceptable.

2.02 FASTENINGS

- A. Provide fasteners that harmonize with finish hardware material and finish.
- B. Provide torx center pin security fasteners for exposed hardware, including full mortise hinges.
- C. Provide machine screws for hardware secured to metal; and machine screws and metal expansion shields for attachment to masonry substrates. Self-tapping or self-drilling screws are not acceptable.
- D. Provide undercut shallow head torx center pin security fasteners where necessary for proper seating.
- E. Attach door closers and overhead stops with sex bolts.

2.03 MATERIALS AND FINISHES

- A. General: Requirements for design, grade, function, finish, size, and other distinctive qualities of each type of finish hardware are indicated in this section and in the Hardware Groups.
- B. Closers and Door Control Devices
 - 1. Closer bodies: Provide closer bodies with the same hole template pattern regardless of type or application.
 - 2. Closer arms: Non-handed forged steel.
 - 3. Closer size: Provide sized closers.
 - 4. Provide all-weather fluid to eliminate seasonal adjustment of closer speed.

2.04 FINISH HARDWARE

- A. Manufacturers:
 - 1. AA: ASSA AABLOY.
 - 2. RO: Rockwood.
 - 3. NO: Norton.
 - 4. PE: Pemko.
 - 5. SA: Sargent.
 - 6. SE: Securitron.
- B. Hardware Sets
 - 1. Group 1:
 - a. 2 Ea. Continuous Hinge Reuse existing
 - b. 1 Ea. CVR Exit Device LD 55 56 ADPE8410 863 SA 630
 - c. 1 Ea. CVR Exit Device LD 55 56 72 ADPE8410 P113 x 863 SA 630
 - d. 1 Ea. Cylinder SA 619
 - e. 2 Ea. Auto Operator SW200 OHC AA Annod
 - f. 2 Ea. Door Stop 481H x Torx. RO 626
 - g. 2 Ea. Mounting Plate 481MP RO 626
 - c. 1 Ea. Door Switch 672 RF NO
 - d. 1 Ea. Power Supply AQL4-R8E1 SE
 - e. 1 Ea. Threshold 252X3_FG PE A
 - e. Notes: - Doors normally closed and secured via CVR.
 - Key in active device locks/unlocks turn piece for manual entry.
 - Head end system retracts latches and energizes outside acuator at scheduled times.
 - Inside actuator always active and initiates auto operation for both doors 01 & 02 at all times.
 - Free egress at all times.
 - System is Fail Secure
 - 2. Group 2:
 - a. 2 Ea. Continuous Hinge Reuse existing
 - b. 2 Ea. Push Bar and Pull By Storefront Mfr.
 - c. 2 Ea. Auto Operator SW200 OHC AA Annod
 - d. 2 Ea. Door Stop 481H x Torx. RO 626
 - e. 2 Ea. Mounting Plate 481MP RO 626

3.02 INSTALLATION

- A. Do not proceed with installation of finish hardware prior to attending referenced pre-installation conference.
- B. Installation Sequence: Use proper installation sequence, i.e., install coordinators, and overhead stops and holders before surface mounted door closers.
- C. Install hardware in accordance with manufacturer’s printed installation instructions, and adjust for smooth operation, free of sticking, binding or rattling.
 - 1. Template surface overhead stops and holders for proper operation
 - 2. Template and adjust closers for proper operation.
- D. Use proper tools and methods to prevent scratches, burrs or other defacement.
- E. Threshold Installation:
 - 1. Drill holes 3 inches from each end of threshold and intermediate holes 12 inches maximum o.c. for required fasteners. Prepare holes for countersunk fasteners.
 - 2. Level and align thresholds with frames and doors. Where required, use non-corrosive shims.
 - 3. Exterior Doors: Set thresholds in a solid bed of Type 3 sealant.
 - 4. Secure thresholds to substrate with countersunk fasteners.
- F. After installation, cover and protect hardware to prevent damage during remaining construction. Remove protection upon completion of construction.

3.03 LOCATIONS

- A. Locate hardware as follows:
 - 1. Door Closers: Template for maximum door swing allowed by wall placement and jamb conditions. Where overhead stop prevents door from swinging to wall, template the closer to exceed degree of opening allowed by overhead stop.

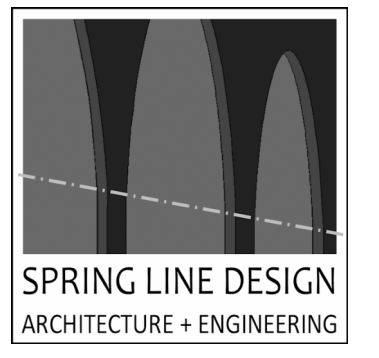
3.04 FIELD QUALITY CONTROL

- A. Post Installation Review: After hardware is adjusted for proper operation, Director’s Representative will hold a Post-Installation Review with the Contractor, Hardware Designer, Company Field Advisors, Hardware Distributor and Hardware Installers.
 - 1. Physically inspect to verify proper application, installation, adjustment and operation of finish hardware, and in particular that:
 - a) Latches engage freely without binding. Filing of strike plates to relieve latch bind is not acceptable.
 - b) Closers are adjusted for proper spring power; sweep speed, latching speed; and hydraulic back check.
 - c) Locations and proper attachment of installed protective hardware are as specified.
 - d) There is no field modification of fasteners.
 - e) Damaged fasteners are replaced.

2. Defective hardware is repaired or replaced.
 3. Hardware is to be left clean and free from disfigurement.
- B. Turn referenced Operations and Maintenance Manuals over to Facility through Director's Representative.

END OF SECTION

CONSULTANT
CERTIFICATE OF AUTHORIZATION No.: 0019551



ENERGY CODE STATEMENT:

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

UNIFORM CODE STATEMENT:

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CONSTRUCTION

TITLE: REHABILITATE STAIRS AND ENTRYWAY CORNERSTONE

LOCATION: EMPIRE STATE PLAZA ALBANY, NY

CLIENT: NEW YORK STATE OFFICE OF GENERAL SERVICES

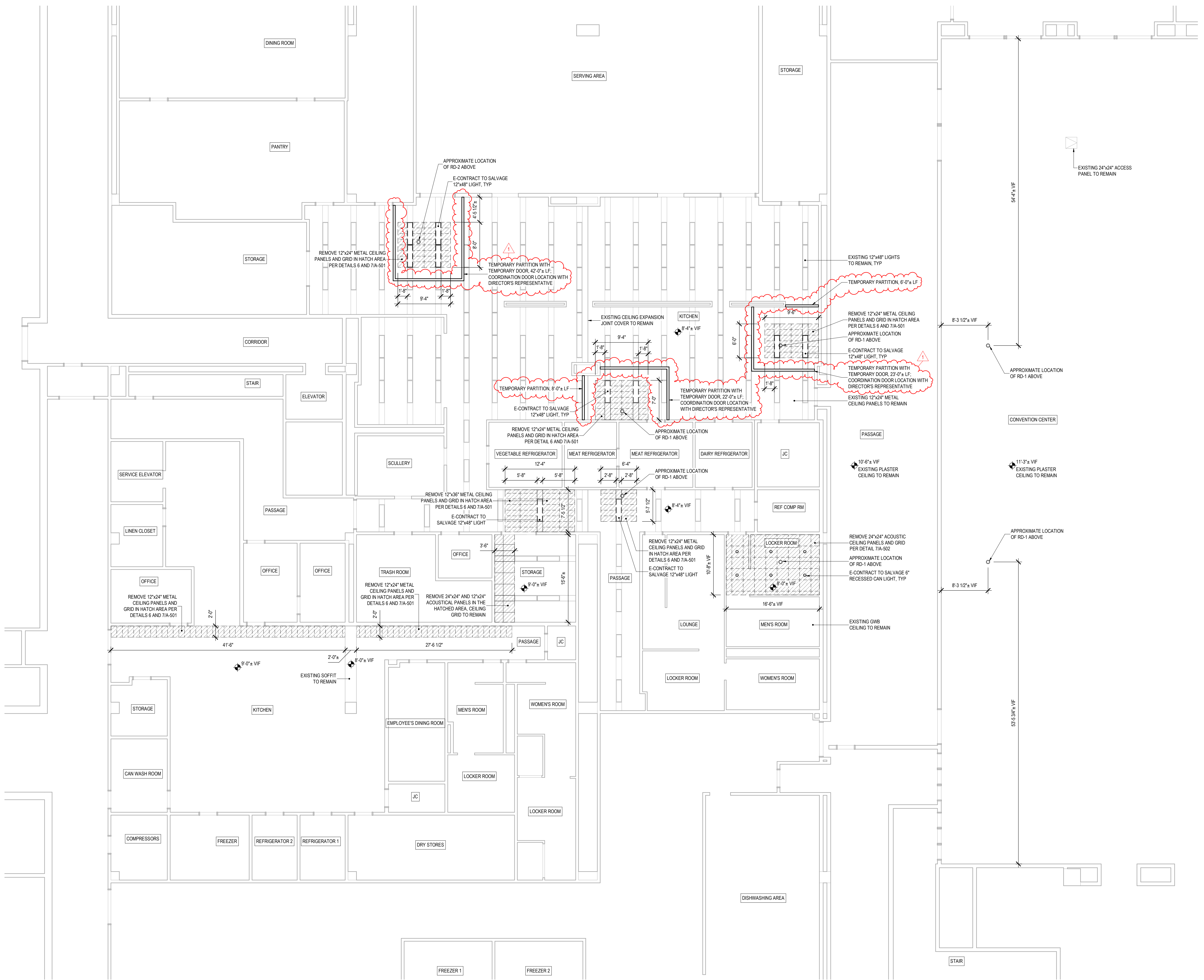
REVISED DRAWING 03/03/2025

MARK	DATE	DESCRIPTION
▲	03/03/2025	ADDENDUM 2
	11/11/2024	BID DOCUMENT

PROJECT NUMBER: 47386 - C
DESIGNED BY: KK
DRAWN BY: WA
FIELD CHECK:
APPROVED:

REFLECTED CEILING PLAN REMOVALS

DRAWING NUMBER: A-012



- REFLECTED CEILING PLAN REMOVAL LEGEND:**
- EXISTING CEILING TO REMAIN OR NO CEILING
 - REMOVE 24"x24" AND 12"x24" ACOUSTIC CEILING PANEL IN THE HATCHED AREA; CEILING GRID TO REMAIN
 - REMOVE 12"x24" OR 12"x36" METAL CEILING PANELS AND GRID IN HATCH AREA PER DETAILS 6 AND 7/A-501
 - REMOVE 24"x24" ACOUSTIC CEILING PANELS AND GRID PER DETAIL 7/A-502
 - 8'-0" CEILING ELEVATION
 - APPROXIMATE LOCATION OF DRAIN ABOVE
 - 6" RECESSED CAN LIGHT TO BE SALVAGED BY E-CONTRACT
 - 12"x48" LIGHT TO BE SALVAGED BY E-CONTRACT
 - TEMPORARY PARTITION

- REFLECTED CEILING PLAN NOTES:**
1. UTILIZE EXISTING ACCESS PANEL AND ABOVE CEILING CATWALK FOR PIPING WORK IN CONVENTION CENTER
 2. ALL EXISTING CEILING FIXTURES AND DEVICES TO REMAIN, UNO

36x24 PLOT SHEET

1 REFLECTED CEILING PLAN REMOVALS

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

