DESIGN & CONSTRUCTION GROUP
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EMPIRE STATE PLAZA
ALBANY, NY 12242

ADDENDUM NO. 2 TO PROJECT NO. 46103

CONSTRUCTION, HVAC, PLUMBING, & ELECTRICAL WORK
REHABILITATE ADULT LIVING UNITS &
HEATING SYSTEM UPGRADES, BUILDING 62
BUFFALO PSYCHIATRIC CENTER
400 FOREST AVE.
BUFFALO, NY

May 27, 2026

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.

GENERAL REQUIREMENTS – COMMON

1. SECTION 011000.01 - SUMMARY OF THE WORK, Paragraph 1.10 A: Change subparagraph to read:
   "A. Work hours shall be as established by the Facility authorities thru the Director's Representative as follows.

      1. Hours of work: 7:00am – 3:30pm
      2. Contractor access in and out of the building during the following timeframes.
         a. Morning: 6:30am – 7:30am
         b. Lunch: 11:45am – 12:45pm
         c. End of Shift: 3:30pm – 4:00pm"

CONSTRUCTION WORK SPECIFICATIONS

2. SECTION 087100 FINISH HARDWARE: Discard the Section bound in the Project Manual and substitute the Section (pages 087100 – 1 thru 087100 – 24) noted "Addendum 02".

3. SECTION 095323 ACOUSTICAL PERFORATED METAL CEILING SYSTEM, Paragraph 2.3 A.1. b.: Change subparagraph to read:

   "b. Armstrong World Industries, Metalworks Torsion Spring for Behavioral Health"

HVAC WORK SPECIFICATIONS

4. SECTION 230130 CLEANING OF AIR CONVEYANCE SYSTEM COMPONENTS, Paragraph 3.2 G.1: Change subparagraph to read:

"1. All other openings required by the contractor to properly clean the ductwork may be access holes patched as per the contract documents."

ELECTRIC WORK SPECIFICATIONS

5. SECTION 260501 BASIC ELECTRICAL MATERIALS AND METHODS, Paragraph 3.7: Change subparagraphs to read:

"A. For all required removals, cutting and patching coordinate with requirements as outlined in specification 017329 and the C-Contract removals drawings.

B. At existing walls to remain provide patching, priming and finish coat of paint on walls and surfaces at locations of removed raceways, equipment and device locations that are not indicated on C-Contract drawings. The paint finishes in color and sheen shall match the existing surrounding finishes. Coordinate with section 099101.

C. All removals and penetrations thru existing masonry walls and floors shall be patched with Sakrete FastSet Non-Shrink 3-hour 2,000 psi Grout or equal.

D. All penetrations thru existing drywall to remain where electrical materials were removed shall be patched with cores or partial pieces of 5/8" minimum thickness impact resistant drywall and Qty. (3) sanded coats of drywall compound. This shall be followed by priming and painting and coordinated with section 099101.

E. The following requirements apply:
   1. Perform cutting, fitting and patching of electrical equipment in all following cases:
      a. To uncover work for installation of poorly coordinated or ill-timed electrical work.
      b. To remove and replace defective work.
      c. To remove and replace work not conforming to requirements of the Contract Documents.
   2. Remove samples of installed work as specified for testing.
   3. Install equipment and materials in existing structures.
   4. Cut, remove and legally dispose of all electrical equipment, components, and materials as called for and all other items not indicated on plans but made obsolete by the installation of new work.
   5. Protect the structure, furnishings, finishes and adjacent materials not being removed and maintain temporary"

6. SECTION 275314 MODIFICATIONS TO CLOCK SYSTEM: Add the accompanying Section (pages 275314 – 1 thru 275314 – 6) to the Project Manual.

APPENDIX

7. SCHEDULE OF SUBMITTALS 46103–H: Discard the Document bound in the Project Manual and substitute the Document (cover page & pages 1–6) noted "Addendum 02".

8. SCHEDULE OF SUBMITTALS 46103–P: Discard the Document bound in the Project Manual and substitute the Document (cover page & pages 1–5) noted "Addendum 02".

9. SCHEDULE OF SUBMITTALS 46103–E: Discard the Document bound in the Project Manual and substitute the Document (cover page & pages 1–7) noted "Addendum 02".

CONSTRUCTION DRAWINGS

10. Revised Drawing:
    a. Drawing No. A–002 & A–603, noted ADDENDUM NO. 02 dated 5/20/2026, accompanies this Addendum and supersedes the same numbered previously issued drawing.

HVAC DRAWINGS

11. Revised Drawing:
    a. Drawing Nos. M–127, M–401, M–402, noted ADDENDUM NO. 02 dated 5/22/2026, accompanies this Addendum and supersedes the same numbered previously issued drawing.

END OF ADDENDUM

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

SECTION 087100

FINISH HARDWARE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes commercial door hardware for the following:

1. Swinging doors.
2. Other doors to the extent indicated.

B. Door hardware includes, but is not necessarily limited to, the following:

1. Mechanical door hardware.
2. Electromechanical door hardware.
3. Cylinders specified for doors in other sections.

C. Related Sections:

1. Division 08 Section “Hollow Metal Doors and Frames”.
2. Division 08 Section “Flush Wood Doors”.

D. Codes and References: Comply with the version year adopted by the Authority Having Jurisdiction.

1. ANSI A117.1 - Accessible and Usable Buildings and Facilities.
2. BCNYS - Building Code of New York State.
3. NFPA 70 - National Electrical Code.
4. NFPA 80 - Fire Doors and Windows.
5. NFPA 101 - Life Safety Code.
6. NFPA 105 - Installation of Smoke Door Assemblies.
7. State Building Codes, Local Amendments.

E. Standards: All hardware specified herein shall comply with the following industry standards as applicable. Any undated reference to a standard shall be interpreted as referring to the latest edition of that standard:

1. ANSI/BHMA Certified Product Standards - A156 Series.
2. UL10C - Positive Pressure Fire Tests of Door Assemblies.
3. ANSI/UL 294 - Access Control System Units.
4. UL 305 - Panic Hardware.

F. Registrations: All hardware specified herein shall be registered with the following agencies, as applicable:

1. New York State Office of Mental Health (OMH).

1.3 SUBMITTALS

A. Product Data: Manufacturer's product data sheets including installation details, material descriptions, dimensions of individual components and profiles, operational descriptions and finishes.

B. Door Hardware Schedule: Prepared by or under the supervision of supplier, detailing fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final Door Hardware Schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.

1. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule."

2. Organization: Organize the Door Hardware Schedule into door hardware sets indicating complete designations of every item required for each door or opening. Organize door hardware sets in same order as in the Door Hardware Sets at the end of Part 3. Submittals that do not follow the same format and order as the Door Hardware Sets will be rejected and subject to resubmission.

3. Content: Include the following information:

a. Type, style, function, size, label, hand, and finish of each door hardware item.
b. Manufacturer of each item.
c. Fastenings and other pertinent information.
d. Location of door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.
e. Explanation of abbreviations, symbols, and codes contained in schedule.
f. Mounting locations for door hardware.
g. Door and frame sizes and materials.
h. Warranty information for each product.

4. Submittal Sequence: Submit the final Door Hardware Schedule at earliest possible date, particularly where approval of the Door Hardware Schedule must precede fabrication of other work that is critical in the Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the Door Hardware Schedule.

C. Keying Schedule: After a keying meeting with the owner has taken place prepare a separate keying schedule detailing final instructions. Submit the keying schedule in electronic format. Include keying system explanation, door numbers, key set symbols, hardware set numbers and special instructions. Owner must approve submitted keying schedule prior to the ordering of permanent cylinders/cores.

D. Informational Submittals:

1. Product Test Reports: Indicating compliance with cycle testing requirements, based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified independent testing agency.

2. Certified Documentation: FM300-HT hinges manufactured before October 1, 2024 do not have the ligature-resistant cast top and are not included in the designation of "Accepted". Only FM300-HT hinges manufactured after October 1, 2024 fall under this listing.

E. Operating and Maintenance Manuals: Provide manufacturers operating and maintenance manuals for each item comprising the complete door hardware installation in quantity as required in Division 01, Closeout Procedures.

1. Finish two (2) manuals describing installation, maintenance and repair of each type of lock, door closing device, exit device and each special item of hardware furnished for the project.
2. Schedules: Final door hardware and keying schedule.

1.4 QUALITY ASSURANCE

A. Manufacturers Qualifications: Engage qualified manufacturers with a minimum 5 years of documented experience in producing hardware and equipment similar to that indicated for this Project and that have a proven record of successful in-service performance.

B. Certified Products: Where specified, products must maintain a current listing in the Builders Hardware Manufacturers Association (BHMA) Certified Products Directory (CPD).

C. Installer Qualifications: A minimum 3 years documented experience installing both standard and electrified door hardware similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.

D. Door Hardware Supplier Qualifications: Experienced commercial door hardware distributors with a minimum 5 years documented experience supplying both mechanical and electromechanical hardware installations comparable in material, design, and extent to that indicated for this Project. Supplier recognized as a factory direct distributor by the manufacturers of the primary materials with a warehousing facility in Project's vicinity. Supplier to have on staff a certified Architectural Hardware Consultant (AHC) available during the course of the Work to consult with Contractor, Architect, and Owner concerning both standard and electromechanical door hardware and keying.

E. Source Limitations: Obtain each type and variety of door hardware specified in this section from a single source unless otherwise indicated.

1. Electrified modifications or enhancements made to a source manufacturer's product line by a secondary or third party source will not be accepted.

2. Provide electromechanical door hardware from the same manufacturer as mechanical door hardware, unless otherwise indicated.

F. Each unit to bear third party permanent label demonstrating compliance with the referenced standards.

G. Keying Conference: Conduct conference to incorporate the following criteria into the final keying schedule document:

1. Function of building, purpose of each area and degree of security required.
2. Plans for existing and future key system expansion.
3. Requirements for key control storage and software.
4. Installation of permanent keys, cylinder cores and software.
5. Address and requirements for delivery of keys.

H. Pre-Submittal Conference: Conduct coordination conference in compliance with requirements in Division 01 Section "Project Meetings" with attendance by representatives of Supplier(s), Installer(s), and Contractor(s) to review proper methods and the procedures for receiving, handling, and installing door hardware.

1. Prior to installation of door hardware, conduct a project specific training meeting to instruct the installing contractors' personnel on the proper installation and adjustment of their respective products. Product training to be attended by installers of door hardware (including electromechanical hardware) for aluminum, hollow metal and wood doors. Training will include the use of installation manuals, hardware schedules, templates and physical product samples as required.
2. Inspect and discuss electrical roughing-in, power supply connections, and other preparatory work performed by the E-Contract for door alarms on stair exit doors.
3. Review sequence of operation narratives for each unique access controlled opening.
4. Review and finalize construction schedule and verify availability of materials.
5. Review the required inspecting, testing, commissioning, and demonstration procedures

I. Mockups: Provide mockups to demonstrate quality control and to set quality standards for installation. Mockups to be provided on scheduled door / frame type and to include all required hardware as scheduled and approved.
1. Provide individual mockups of typical door hardware sets as noted below:

a. Hardware Set 1.0
b. Hardware Set 13.0

2. Approval mockups does not constitute approval of deviation from the Contract Documents contained in the mockups unless Architect specifically approves such deviations in writing.
3. At completion of installation, provide written documentation than components were applied to manufacturer’s instructions and recommendations and according to approved schedule.

J. At completion of installation, provide written documentation that components were applied to manufacturer's instructions and recommendations and according to approved schedule.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Inventory door hardware on receipt and provide secure lock-up and shelving for door hardware delivered to Project site. Do not store electronic access control hardware, software or accessories at Project site without prior authorization.

B. Tag each item or package separately with identification related to the final Door Hardware Schedule, and include basic installation instructions with each item or package.

C. Supply construction master keys to Contractor when cylinders are delivered, for use during construction

D. Deliver, as applicable, permanent keys, cylinders, cores, access control credentials, software and related accessories directly to Owner via registered mail or overnight package service. Instructions for delivery to the Owner shall be established at the "Keying Conference". Each key shall be tagged and identified in regard to the door it serves. Identification shall include lock number, key number and room designation.

E. Workmanship and Packaging:
1. Should any hardware, as specified, fail to meet the intended requirements, or require modifications to suit the intended location, advanced information shall be brought to attention for correction or advice in ample time to avoid delay in the manufacture and delivery of hardware in order to have it ready for use when needed.

1.6 COORDINATION

A. Templates: Obtain and distribute to the parties involved templates for doors, frames, and other work specified to be factory prepared for installing standard and electrified hardware. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing hardware to comply with indicated requirements.

B. Door Hardware and Electrical Connections: Coordinate the layout and installation of scheduled electrified door hardware and related access control equipment with required connections to source power junction boxes, low voltage power supplies, detection and monitoring hardware, and fire and detection alarm systems.

C. Door and Frame Preparation: Doors and corresponding frames are to be prepared, reinforced and pre-wired (if applicable) to receive the installation of the specified electrified, monitoring, signaling and access control system hardware without additional in-field modifications.

1.7 WARRANTY

A. General Warranty: Reference Division 01, General Requirements. Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.

B. Warranty Period: Written warranty, executed by manufacturer(s), agreeing to repair or replace components of standard and electrified door hardware that fails in materials or workmanship

within specified warranty period after final acceptance by the Owner. Failures include, but are not limited to, the following:

1. Structural failures including excessive deflection, cracking, or breakage.
2. Faulty operation of the hardware.
3. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
4. Electrical component defects and failures within the systems operation.

C. Standard Warranty Period: One year from date of Substantial Completion, unless otherwise indicated.

D. Special Warranty Periods:

1. Ten years for mortise locks and latches.
2. Five years for exit hardware.
3. Five years for manual overhead door closer bodies.
4. Twenty five years for manual overhead door closer bodies.
5. Two years for electromechanical door hardware, unless noted otherwise.

1.8 MAINTENANCE SERVICE

A. Maintenance Tools and Instructions: Furnish a complete set of specialized tools and maintenance instructions as needed for Owner's continued adjustment, maintenance, and removal and replacement of door hardware.

B. Furnish extra materials that match products installed and that are packaged with the protective coverings for storage and identified with labels describing contents.
1. Provide six (6) additional items for each type of hardware item supplied.
2. Provide six (6) of each special tool required to install the hardware for this
3. project.

PART 2 - PRODUCTS

2.1 SCHEDULED DOOR HARDWARE

A. General: Provide door hardware for each door to comply with requirements in Door Hardware Sets and each referenced section that products are to be supplied under.

B. Designations: Requirements for quantity, item, size, finish or color, grade, function, and other distinctive qualities of each type of door hardware are indicated in the Door Hardware Sets at the end of Part 3. Products are identified by using door hardware designations, as follows:

1. Named Manufacturer's Products: Product designation and manufacturer are listed for each door hardware type required for the purpose of establishing requirements. Manufacturers' names are abbreviated in the Door Hardware Schedule.

C. Substitutions: Requests for substitution and product approval for inclusive mechanical and electromechanical door hardware in compliance with the specifications must be submitted in writing and in accordance with the procedures and time frames outlined in Division 01,

Substitution Procedures. Approval of requests is at the discretion of the architect, owner, and their designated consultants.

2.2 PERFORMANCE REQUIREMENTS

A. Fire-Rated Door Assemblies: Where fire-rated doors are indicated, provide door hardware complying with NFPA 80 that is listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at positive pressure according to NFPA 252 or UL 10C.

B. Smoke- and Draft-Control Door Assemblies: Where smoke- and draft-control door assemblies are required, provide door hardware that complies with requirements of assemblies tested according to UL 1784 and installed in compliance with NFPA 105.

1. Air Leakage Rate: Maximum air leakage of 0.3 cfm/sq. ft.at the tested pressure differential of 0.3-inch wg of water.

C. Means of Egress Doors: Latches do not require more than 15 lbf to release the latch. Locks do not require use of a key, tool, or special knowledge for operation.

D. Accessibility Requirements: For door hardware on doors in an accessible route, comply with the USDOJ's "2018 ADA Standards for Accessible Design".

1. Provide operating devices that do not require tight grasping, pinching, or twisting of the wrist and that operate with a force of not more than 5 lbf.
2. Comply with the following maximum opening-force requirements:

    a. Interior, Non-Fire-Rated Hinged Doors: 5 lbf applied perpendicular to door.
    b. Fire Doors: Minimum opening force allowable by authorities having jurisdiction.

3. Bevel raised thresholds with a slope of not more than 1:2. Provide thresholds not more than 1/2 inch high.
4. Adjust door closer sweep periods so that, from an open position of 90 degrees, the door will take at least 5 seconds to move to a position of 12 degrees from the latch.
5. Adjust spring hinges so that, from an open position of 70 degrees, the door will take at least 1.5 seconds to move to the closed position.

E. Ligature-resistant as applicable.

2.3 HANGING DEVICES

A. Hinges: ANSI/BHMA A156.1 butt hinges with number of hinge knuckles and other options as specified in the Door Hardware Sets.

1. Quantity: Provide the following hinge quantity:

    a. Two Hinges: For doors with heights up to 60 inches.
    b. Three Hinges: For doors with heights 61 to 90 inches.
    c. Four Hinges: For doors with heights 91 to 120 inches.

d. For doors with heights more than 120 inches, provide 4 hinges, plus 1 hinge for every 30 inches of door height greater than 120 inches.

2. Hinge Size: Provide the following, unless otherwise indicated, with hinge widths sized for door thickness and clearances required:

a. Widths up to 3'0": 4-1/2" standard or heavy weight as specified.
b. Sizes from 3'1" to 4'0": 5" heavy weight.

3. Hinge Weight and Base Material: Unless otherwise indicated, provide the following:

a. Exterior Doors: Heavy weight, non-ferrous, ball bearing or oil impregnated bearing hinges unless Hardware Sets indicate standard weight.
b. Interior Doors: Standard weight, steel, ball bearing or oil impregnated bearing hinges unless Hardware Sets indicate heavy weight.

4. Hinge Options: Comply with the following:

a. Non-removable Pins: With the exception of electric through wire hinges, provide set screw in hinge barrel that, when tightened into a groove in hinge pin, prevents removal of pin while door is closed; for the all out-swinging lockable doors.

5. Manufacturers:

a. Hager Companies (HA) - BB Series, 5 knuckle.
b. McKinney (MK) - TA/T4A Series, 5 knuckle.

B. Continuous Double-acting Hinges. ANSI/BHMA A156.26 Grade 1-600 Certified continuous hinges. Hinges shall be non-handed and allow the door to swing up to 100 degrees in either direction. Where required provide electrified transfer hinges with Molex™ standardized plug connectors and sufficient number of concealed wires (up to 12) to accommodate the electrified functions as specified. Connectors plug directly to through-door wiring harnesses for connection to electric locking devices and power supplies. Wire nut connections are not acceptable. FM300-HT hinges manufactured before October 1, 2024 do not have the ligature-resistant cast top and are not included in the designation of "Accepted". Only FM300-HT hinges manufactured after October 1, 2024 fall under this listing.

1. Manufacturers:

a. Markar Products; ASSA ABLOY Architectural Door Accessories (MR) - DSH Series.
b. Pemko (PE) - DSH Series.

C. Pin and Barrel Continuous Hinges: ANSI/BHMA A156.26 Grade 1-600 pin and barrel continuous hinges with minimum 14 gauge Type 304 stainless steel hinge leaves, concealed stainless pin, and twin self-lubricated nylon bearings at each knuckle separation. Factory trim hinges to suit door height and prepare for electrical cut-outs. Certified Documentation: FM300-HT hinges manufactured before October 1, 2024 do not have the ligature-resistant cast top and are not included in the designation of "Accepted". Only FM300-HT hinges manufactured after October 1, 2024 fall under this listing.

1. Manufacturers:

    a. Hager Companies (HA).
    b. Markar Products; ASSA ABLOY Architectural Door Accessories (MR).
    c. Pemko (PE).

2.4 DOOR OPERATING TRIM

A. Flush Bolts and Surface Bolts: Provide products conforming to ANSI/BHMA A156.3 and A156.16, Grade 1.

1. Flush bolts to be furnished with top rod of sufficient length to allow bolt retraction device location approximately six feet from the floor.
2. Furnish dust proof strikes for bottom bolts.
3. Surface bolts to be minimum 8” in length and U.L. listed for labeled fire doors and U.L. listed for windstorm components where applicable.
4. Provide related accessories (mounting brackets, strikes, coordinators, etc.) as required for appropriate installation and operation.

5. Manufacturers:

    a. Rockwood (RO).

B. Coordinators: ANSI/BHMA A156.3 door coordinators consisting of active-leaf, hold-open lever and inactive-leaf release trigger. Model as indicated in hardware sets.

1. Manufacturers:

    a. Rockwood (RO).

C. Door Push Plates and Pulls: ANSI/BHMA A156.6 door pushes and pull units of type and design specified in the Hardware Sets. Coordinate and provide proper width and height as required where conflicting hardware dictates.

1. Push/Pull Plates: Minimum .050 inch thick, size as indicated in hardware sets, with beveled edges, secured with exposed screws unless otherwise indicated.
2. Door Pull and Push Bar Design: Size, shape, and material as indicated in the hardware sets. Minimum clearance of 2 1/2-inches from face of door unless otherwise indicated.
3. Offset Pull Design: Size, shape, and material as indicated in the hardware sets. Minimum clearance of 2 1/2-inches from face of door and offset of 90 degrees unless otherwise indicated.
4. Fasteners: Provide manufacturer's designated fastener type as indicated in Hardware Sets. All fasteners exposed and located in medium/high risk areas to be reject pin torx-head security fasteners. Low-risk areas provide screws according to manufacturers recognized installation of standards for application intended.

5. Manufacturers:

    a. Rockwood (RO).

2.5 CYLINDERS AND KEYING

A. General: Cylinder manufacturer to have minimum (10) years experience designing secured master key systems and have on record a published security keying system policy.

B. Source Limitations: Obtain each type of keyed cylinder and keys from the same source manufacturer as locksets and exit devices, unless otherwise indicated.

C. Cylinder Types: Original manufacturer cylinders able to supply the following cylinder formats and types:

1. Threaded mortise cylinders with rings and cams to suit hardware application.
2. Rim cylinders with back plate, flat-type vertical or horizontal tailpiece, and raised trim ring.
3. Bored or cylindrical lock cylinders with tailpieces as required to suit locks.
4. Tubular deadlocks and other auxiliary locks.
5. Mortise and rim cylinder collars to be solid and recessed to allow the cylinder face to be flush and be free spinning with matching finishes.
6. Keyway: Match Facility Standard (Best Access interchange 7 – pin core).

D. Interchangeable Cores: Provide small format interchangeable cores as specified, core insert, removable by use of a special key; usable with other manufacturers' cylinders.

E. Keying System: Each type of lock and cylinders to be factory keyed.

1. Supplier shall conduct a "Keying Conference" to define and document keying system instructions and requirements.
2. Furnish factory cut, nickel-silver large bow permanently inscribed with a visual key control number as directed by Owner.
3. Existing System: Field verify and key cylinders to match Owner's existing system.

F. Key Quantity: Provide the following minimum number of keys:

1. Change Keys per Cylinder: Two (2)
2. Master Keys (per Master Key Level/Group): Five (5).
3. Construction Keys (where required): Ten (10).
4. Construction Control Keys (where required): Two (2).
5. Permanent Control Keys (where required): Two (2).

G. Construction Keying: Provide construction master keyed cylinders.

H. Construction Keying: Provide temporary keyed construction cores.

I. Key Registration List (Bitting List):

1. Provide keying transcript list to Owner's representative in the proper format for importing into key control software.
2. Provide transcript list in writing or electronic file as directed by the Owner.

J. Coordinate final keying and cores with facility so consistency is maintained.

2.6 MECHANICAL LOCKS AND LATCHING DEVICES

A. Mortise Locksets, Grade 1 (Heavy Duty): ANSI/BHMA A156.13, Series 1000, Operational Grade 1 Certified Products Directory (CPD) listed. Locksets are to be manufactured with a corrosion resistant steel case and be field-reversible for handing without disassembly of the lock body.

1. Manufacturers:

a. Corbin Russwin Hardware (RU) - ML2000 Series.
b. Sargent Manufacturing (SA) - 8200 Series.
c. Schlage (SC) - L9000 Series.

B. Multi-Point Locksets: ANSI/BHMA A156.37, Certified Products Directory (CPD) listed vertical rod locking devices designed for openings requiring multiple latching points within one locking mechanism. Rods are retracted by dual mounted outside lever trim controls available in a variety of ANSI/BHMA operational functions. Option for single top latching only eliminates the need for bottom strikes.

1. Manufacturers:

a. Corbin Russwin Hardware (RU) - MP9800 Series.
b. Sargent Manufacturing (SA) - 7000 Series.
c. Schlage (SC) - LM9200 Series.

2.7 AUXILIARY LOCKS

A. Behavioral Health, Mortise: ANSI/BHMA A156.13, Series 1000, Operational and Security Grade 1 Certified Products Directory (CPD) listed mortise type manufactured to Office of Mental Health (OMH) requirements with behavioral health lever and escutcheon trim. Locksets to be manufactured with a corrosion resistant, formed steel case. Levers and escutcheons are manufactured from stainless steel material. Provide optional lead-lining (lock body), Torx® fasteners, and Antimicrobial coating as specified in Hardware Sets.

1. Manufacturers:

a. Corbin Russwin (RU) - ML2000 BHSS Series.
b. Sargent Manufacturing (SA) - 8200 BHW Series.
c. Or approved equal. Provide comparison to show equal.

2.8 LOCK AND LATCH STRIKES

A. Strikes: Provide manufacturer's standard strike with strike box for each latch or lock bolt, with curved lip extended to protect frame, finished to match door hardware set, unless otherwise indicated, and as follows:

1. Flat-Lip Strikes: For locks with three-piece antifriction latchbolts, as recommended by manufacturer.
2. Extra-Long-Lip Strikes: For locks used on frames with applied wood casing trim.

3. Aluminum-Frame Strike Box: Provide manufacturer's special strike box fabricated for aluminum framing.
4. Double-lipped strikes: For locks at double acting doors. Furnish with retractable stop for rescue hardware applications.
5. Short-Lip Strikes: For locks at double doors.

B. Standards: Comply with the following:

1. Strikes for Mortise Locks and Latches: BHMA A156.13.
2. Strikes for Bored Locks and Latches: BHMA A156.2.
3. Strikes for Auxiliary Deadlocks: BHMA A156.36.
4. Dustproof Strikes: BHMA A156.16.

2.9 CONVENTIONAL EXIT DEVICES

A. General Requirements: All exit devices specified herein shall meet or exceed the following criteria:

1. At doors not requiring a fire rating, provide devices complying with NFPA 101 and listed and labeled for "Panic Hardware" according to UL305. Provide proper fasteners as required by manufacturer including sex nuts and bolts at openings specified in the Hardware Sets.

2. Where exit devices are required on fire rated doors, provide devices complying with NFPA 80 and with UL labeling indicating "Fire Exit Hardware". Provide devices with the proper fasteners for installation as tested and listed by UL. Consult manufacturer’s catalog and template book for specific requirements.

3. Except on fire rated doors, provide exit devices with keyed cylinder dogging device to hold the pushbar and latch in a retracted position.

4. Devices must fit flat against the door face with no gap that permits unauthorized dogging of the push bar. The addition of filler strips is required in any case where the door light extends behind the device as in a full glass configuration.

5. Flush End Caps: Provide flush end caps made of architectural metal in the same finish as the devices as in the Hardware Sets. Plastic end caps will not be acceptable.

6. Lever Operating Trim: Where exit devices require lever trim, furnish manufacturer's heavy duty escutcheon trim with threaded studs for thru-bolts.

   a. Lock Trim Design: As indicated in Hardware Sets, provide finishes and designs to match that of the specified locksets.
   b. Where function of exit device requires a cylinder, provide a cylinder (Rim or Mortise) as specified in Hardware Sets.

7. Vertical Rod Exit Devices: Where surface or concealed vertical rod exit devices are used at interior openings, provide as less bottom rod (LBR) unless otherwise indicated. Provide dust proof strikes where thermal pins are required to project into the floor.

8. Narrow Stile Applications: At doors constructed with narrow stiles, or as specified in Hardware Sets, provide devices designed for maximum 2” wide stiles.

9. Dummy Push Bar: Nonfunctioning push bar matching functional push bar.

10. Extended cycle test: Devices to have been cycle tested to 9 million cycles.

11. Rail Sizing: Provide exit device rails factory sized for proper door width application.

12. Through Bolt Installation: For exit devices and trim as indicated in Door Hardware Sets.

B. Conventional Push Rail Exit Devices (Heavy Duty): ANSI/BHMA A156.3, Grade 1 Certified Products Directory (CPD) listed panic and fire exit hardware devices furnished in the functions specified in the Hardware Sets. Exit device latch to be stainless steel, pullman type, with deadlock feature.

1. Manufacturers:

a. Corbin Russwin Hardware (RU) - ED4000 / ED5000 Series.
b. Sargent Manufacturing (SA) - 80 Series.

2.10 DOOR CLOSERS

A. All door closers specified herein shall meet or exceed the following criteria:

1. General: Door closers to be from one manufacturer, matching in design and style, with the same type door preparations and templates regardless of application or spring size. Closers to be non-handed with full sized covers.

2. Standards: Closers to comply with UL-10C for Positive Pressure Fire Test and be U.L. listed for use of fire rated doors.

3. Cycle Testing: Provide closers which have surpassed 15 million cycles.

4. Size of Units: Comply with manufacturer's written recommendations for sizing of door closers depending on size of door, exposure to weather, and anticipated frequency of use. Where closers are indicated for doors required to be accessible to the Americans with Disabilities Act, provide units complying with ANSI ICC/A117.1.

5. Closer Arms: Provide heavy duty, forged steel closer arms unless otherwise indicated in Hardware Sets.

6. Closers shall not be installed on exterior or corridor side of doors; where possible install closers on door for optimum aesthetics.

7. Closer Accessories: Provide door closer accessories including custom templates, special mounting brackets, spacers and drop plates as required for proper installation. Provide through-bolt and security type fasteners as specified in the hardware sets.

B. Door Closers, Surface Mounted (Large Body Cast Iron): ANSI/BHMA A156.4, Grade 1 Certified Products Directory (CPD) listed surface mounted, heavy duty door closers with

complete spring power adjustment, sizes 1 thru 6; and fully operational adjustable according to door size, frequency of use, and opening force. Closers to be rack and pinion type, one piece cast iron body construction, with adjustable backcheck and separate non-critical valves for closing sweep and latch speed control.

1. Manufacturers:

   a. Sargent Manufacturing (SA) - 281 Series.

C. Door Closers, Overhead Concealed (Heavy Duty): ANSI/BHMA 156.4 Grade 1 Certified Products Directory (CPD) listed heavy duty door closers with closers with spring power adjustment. Closers to have fully concealed body in the frame head and track assembly in the door, rack and pinion type construction, either offset or center hung applications, with separate and independent valves for closing speed, latch speed, and backcheck adjustments. Overhead concealed closers require a minimum 4-inch frame head for mounting.

1. Manufacturers:

   a. Sargent Manufacturing (SA) - 268/269 Series.
   b. Allegion LCN – 5410T Series.

D. Door Closers, Overhead Concealed (Narrow Profile): ANSI/BHMA 156.4 Grade 1 Certified Products Directory (CPD) listed door closers designed for narrow profile frames and doors. Closers to have fully concealed body in the frame head for offset hung applications, with separate and independent valves for closing speed and backcheck adjustments and a decorative cover plate.

1. Manufacturers:

   a. Allegion LCN Series 5410T Series.

2.11 SURFACE MOUNTED CLOSER HOLDERS

A. Electromagnetic Door Holders: ANSI A156.15 electromagnetic door holder/releases with a minimum 20 to 40 pounds holding power and single coil construction able to accommodate.12VDC, 24VAC, 24VDC and 120VAC. Coils to be independently wound, employing an integral fuse and armatures to include a positive release button.

1. Manufacturers:

   a. Architectural Builder Hardware Manufacturing Inc. (ABH) – 2400LR

2.12 ARCHITECTURAL TRIM

A. Door Protective Trim

1. General: Door protective trim units to be of type and design as specified below or in the Hardware Sets.

2. Size: Fabricate protection plates (kick, armor, or mop) not more than 2" less than door width (LDW) on stop side of single doors and 1” LDW on stop side of pairs of doors, and not more than 1" less than door width on pull side. Coordinate and provide proper width and height as required where conflicting hardware dictates. Height to be as specified in the Hardware Sets.

3. Where plates are applied to fire rated doors with the top of the plate more than 16” above the bottom of the door, provide plates complying with NFPA 80. Consult manufacturer’s catalog and template book for specific requirements for size and applications.

4. Protection Plates: ANSI/BHMA A156.6 protection plates (kick, armor, or mop), fabricated from the following:

   a. Stainless Steel: 300 grade, 050-inch thick.

5. Options and fasteners: Provide manufacturer's designated fastener type as specified in the Hardware Sets, provide countersunk screw holes and all fasteners exposed and located in medium/high risk areas to be torx-head security fasteners. Low-risk areas provide screws according to manufacturers recognized installation of standards for application intended.

6. Manufacturers:

   a. Rockwood (RO).

2.13 DOOR STOPS AND HOLDERS

A. General: Door stops and holders to be of type and design as specified below or in the Hardware Sets.

B. Door Stops and Bumpers: ANSI/BHMA A156.16, Grade 1 door stops and wall bumpers. Provide wall bumpers, either convex or concave types with anchorage as indicated, unless floor or other types of door stops are specified in Hardware Sets. Do not mount floor stops where they will impede traffic. Where floor or wall bumpers are not appropriate, provide overhead type stops and holders.

1. Manufacturers:

   a. Rockwood (RO).

2.14 ARCHITECTURAL SEALS

A. General: Thresholds, weatherstripping, and gasket seals to be of type and design as specified below or in the Hardware Sets. Provide continuous weatherstrip gasketing on exterior doors and provide smoke, light, or sound gasketing on interior doors where indicated. At exterior applications provide non-corrosive fasteners and elsewhere where indicated.

B. Smoke Labeled Gasketing: Assemblies complying with NFPA 105 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for smoke control ratings indicated, based on testing according to UL 1784.

1. Provide smoke labeled perimeter gasketing at all smoke labeled openings.

C. Fire Labeled Gasketing: Assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to UL-10C.

1. Provide intumescent seals as indicated to meet UL10C Standard for Positive Pressure Fire Tests of Door Assemblies, and NPFA 252, Standard Methods of Fire Tests of Door Assemblies.

D. Sound-Rated Gasketing: Assemblies that are listed and labeled by a testing and inspecting agency, for sound ratings indicated.

E. Replaceable Seal Strips: Provide only those units where resilient or flexible seal strips are easily replaceable and readily available from stocks maintained by manufacturer.

F. Manufacturers:

1. Pemko (PE).

2.15 FABRICATION

A. Fasteners: Provide door hardware manufactured to comply with published templates generally prepared for machine, wood, and sheet metal screws. All fasteners exposed and located in medium/high risk areas to be torx-head security fasteners. Low-risk areas provide screws according to manufacturers recognized installation of standards for application intended.

2.16 FINISHES

A. Standard: Designations used in the Hardware Sets and elsewhere indicate hardware finishes complying with ANSI/BHMA A156.18, including coordination with traditional U.S. finishes indicated by certain manufacturers for their products.

B. Provide quality of finish, including thickness of plating or coating (if any), composition, hardness, and other qualities complying with manufacturer's standards, but in no case less than specified by referenced standards for the applicable units of hardware

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

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine scheduled openings, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance.

B. Notify architect of any discrepancies or conflicts between the door schedule, door types, drawings and scheduled hardware. Proceed only after such discrepancies or conflicts have been resolved in writing.

3.2 PREPARATION

A. Hollow Metal Doors and Frames: Comply with ANSI/DHI A115 series.

B. Wood Doors: Comply with ANSI/DHI A115-W series.

3.3 INSTALLATION

A. Install each item of mechanical and electromechanical hardware and access control equipment to comply with manufacturer's written instructions and according to specifications.

1. Installers are to be trained and certified by the manufacturer on the proper installation and adjustment of fire, life safety, and security products including: hanging devices; locking devices; closing devices; and seals.

B. Mounting Heights: Mount door hardware units at heights indicated in following applicable publications, unless specifically indicated or required to comply with governing regulations:

1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
2. DHI TDH-007-20: Installation Guide for Doors and Hardware.
3. Where indicated to comply with accessibility requirements, comply with ANSI A117.1 "Accessibility Guidelines for Buildings and Facilities."
4. Provide fire treated wood blocking in drywall partitions where wall stops or other wall mounted hardware is located.

C. Retrofitting: Install door hardware to comply with manufacturer's published templates and written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 9 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.

D. Thresholds: Set thresholds for exterior and acoustical doors in full bed of sealant complying with requirements specified in Division 7 Section "Joint Sealants."

E. Storage: Provide a secure lock up for hardware delivered to the project but not yet installed. Control the handling and installation of hardware items so that the completion of the work will not be delayed by hardware losses before and after installation.

3.4 ADJUSTING

A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to

operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.

3.5 CLEANING AND PROTECTION

A. Protect all hardware stored on construction site in a covered and dry place. Protect exposed hardware installed on doors during the construction phase. Install any and all hardware at the latest possible time frame.

B. Clean adjacent surfaces soiled by door hardware installation.

C. Clean operating items as necessary to restore proper finish. Provide final protection and maintain conditions that ensure door hardware is without damage or deterioration at time of owner occupancy.

3.6 DEMONSTRATION

A. Instruct Owner's maintenance personnel to adjust, operate, and maintain mechanical and electromechanical door hardware.

3.7 DOOR HARDWARE SETS

A. The hardware sets represent the design intent and direction of the owner and architect. They are a guideline only and should not be considered a detailed hardware schedule. Discrepancies, conflicting hardware and missing items should be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application and functionality.

1. Quantities listed are for each pair of doors, or for each single door.
2. The supplier is responsible for handing and sizing all products.
3. Where multiple options for a piece of hardware are given in a single line item, the supplier shall provide the appropriate application for the opening.

B. Manufacturer’s Abbreviations:

1. ABH- Architectural Builder Hardware Manufacturing Inc.
2. LCN- Allegion
2. MK - McKinney
3. MR - Markar
4. PE - Pemko
5. RO - Rockwood
6. RU - Corbin Russwin
7. SR - Securitech
8. SA - SARGENT
9. RF - Rixson
10. AT - Accurate Lock and Hardware

END OF SECTION 087100

FINISH HARDWARE SETS

Door Hardware Sets

Note: FM300-HT hinges manufactured before October 1, 2024 do not have the ligature-resistant cast top and are not included in the designation of "Accepted". Only FM300-HT hinges manufactured after October 1, 2024 fall under this listing.

Set: 1.0
Description: Patient Bedroom - Anti-Barricade; Double Acting (Non-Fire Rated)

1	Pinned Contin Hinge (DA)	HT DSH1000-C Torx		PE
1	Passage Latch	ML2010 BHSS	630	RU
1	Kick Plate	K1050 8" BEV CSK Torx	US32D	RO
1	Emergency Stop	ERS-BH-NOTCHxHT Torx		PE
1	Anti-Ligature Wall Stop	Kingsway KG182	US26D	
1	Extended Lip Strike	To suit jamb condition	US26D	RO

Set: 2.0 – NOT USED

Set: 3.0
Description: Toilet/Shower (Patient)

1	Continuous Hinge	FM300 HT Torx	630	MR
1	Institutional Privacy Lock	ML2069 BHSS	630	RU
1	Concealed Closer	4510T Torx	689	LCN
1	Kick Plate	K1050 8" BEV CSK Torx	US32D	RO
1	Anti-Ligature Wall Stop	Kingsway KG182	US26D	
3	Silencer	608-RKW		RO
1	Occupancy Indicator	7200Ci modify as required	US32D	AT

Set: 4.0
Description: Toilet - Fire Rated (Patient)

1	Continuous Hinge	FM300 HT Torx	630	MR
1	Institutional Privacy Lock	ML2069 BHSS	630	RU
1	Concealed Closer	4510T Torx	689	LCN
1	Kick Plate	K1050 8" BEV CSK Torx	US32D	RO
1	Anti-Ligature Wall Stop	Kingsway KG182	US26D	
1	Head & Jamb Gasketing	303AV Torx		PE
1	Occupancy Indicator	7200Ci modify as required	US32D	AT

Set: 5.0 – NOT USED

Set: 6.0
Description: Staff Toilet (non-ligature resistant)

3	Hinge (heavy weight,Torx)	T4A3786 (qty, size, nrp per spec)	US26D	MK
1	Hotel Lock (staff toilet)	ML2029 NSA	626	RU
1	Surface Closer	36 281 O10/P10	EN	SA
1	Kick Plate	K1050 8" BEV CSK Torx	US32D	RO
1	Door Stop	401; 404 Torx	US26D	RO
1	Head & Jamb Seal (adhesive)	S88BL (fire rated doors only)		PE
3	Silencer	608-RKW		RO
1	Occupancy Indicator	7200Ci modify as required	US32D	AT

Set: 7.0
Description: Storage; Service Pair

2	Continuous Hinge	FM300 HT Torx	630	MR
1	Flush Bolt Set (self-latching)	2845; 2945 Torx	US32D	RO
1	Dust Proof Strike	570 Torx	US26D	RO
1	Storeroom Lock	ML2057 BHSS	630	RU
1	Coordinator	1700	Black	RO
2	Surface Closer	36 281 O10/P10	EN	SA
2	Kick Plate	K1050 8" BEV CSK Torx	US32D	RO
2	Anti-Ligature Wall Stop	Kingsway KG182	US26D	
1	Head & Jamb Gasketing	303AV Torx (fire rated doors only)		PE
1	Astragal	357SS (WD&SS); 357SP (HMD) Torx		PE
2	Silencer	608-RKW		RO

Set: 8.0
Description: Storage; Service Pair (non-ligature resistant)

6	Hinge (heavy weight,Torx)	T4A3786 (qty, size, nrp per spec)	US26D	MK
1	Flush Bolt Set (self-latching)	2845; 2945 Torx	US32D	RO
1	Dust Proof Strike	570 Torx	US26D	RO
1	Storeroom Lock	ML2057 NSA	626	RU
1	Coordinator	1700	Black	RO
2	Surface Closer	36 281 O10/P10	EN	SA
2	Kick Plate	K1050 8" BEV CSK Torx	US32D	RO
2	Door Stop	401; 404 Torx	US26D	RO
1	Astragal	357SS (WD&SS); 357SP (HMD) Torx		PE
2	Silencer	608-RKW		RO

Set: 9.0
Description: Storage; Service

1	Continuous Hinge	FM300 HT Torx	630	MR
1	Storeroom Lock	ML2057 BHSS	630	RU
1	Surface Closer (slide track)	36 281 OT/POT	EN	SA
1	Kick Plate	K1050 8" BEV CSK Torx	US32D	RO
1	Anti-Ligature Wall Stop	Kingsway KG182	US26D	
1	Head & Jamb Seal (adhesive)	S88BL (fire rated doors only)		PE
3	Silencer	608-RKW		RO

Set: 10.0 – NOT USED

Set: 11.0
Description: Visitor Room - Storeroom

1	Continuous Hinge	FM300 HT Torx	630	MR
1	Storeroom Lock	ML2057 BHSS	630	RU
1	Concealed Closer	4510T Torx	689	LCN
1	Kick Plate	K1050 8" BEV CSK Torx	US32D	RO
1	Anti-Ligature Wall Stop	Kingsway KG182	US26D	
1	Head & Jamb Seal (adhesive)	S88BL (fire rated doors only)		PE
3	Silencer	608-RKW		RO

Set: 12.0 – NOT USED

Set: 13.0
Description: Sgl w/ Storeroom Lock; Closer

1	Continuous Hinge	FM300 HT Torx	630	MR
1	Storeroom Lock	ML2057 BHSS	630	RU
1	Concealed Closer	4510T Torx	689	LCN
1	Kick Plate	K1050 8" BEV CSK Torx	US32D	RO
1	Anti-Ligature Wall Stop	Kingsway KG182	US26D	
1	Head & Jamb Gasketing	303AV Torx (fire rated doors only)		PE
3	Silencer	608-RKW		RO

Set: 14.0 – NOT USED

Set: 15.0
Description: Vestibule Sgl w/ Storeroom Lock; Closer

1	Continuous Hinge	FM300 HT Torx	630	MR
1	Storeroom Lock	ML2057 BHSS	630	RU
1	Concealed Closer	4510T Torx	689	LCN
1	Kick Plate	K1050 8" BEV CSK Torx	US32D	RO
1	Anti-Ligature Wall Stop	Kingsway KG182	US26D	
1	Threshold (coord w/ details)	271A FHSL14SS		PE
1	Head & Jamb Gasketing	303AV Torx		PE
1	Sweep	315CN Torx		PE

Set: 16.0

Description: Sgl w/ Storeroom Lock; Closer (non-ligature resistant)

3	Hinge (heavy weight,Torx)	T4A3786 (qty, size, nrp per spec)	US26D	MK
1	Storeroom Lock	ML2057 NSA	626	RU
1	Surface Closer	36 281 O10/P10	EN	SA
1	Kick Plate	K1050 8" BEV CSK Torx	US32D	RO
1	Door Stop	401; 404 Torx	US26D	RO
1	Head & Jamb Seal (adhesive)	S88BL (fire rated doors only)		PE
3	Silencer	608-RKW		RO

Set: 17.0
Description: Corridor Pair - Hold Open; Lockable

2	Continuous Hinge	FM300 HT Torx	630	MR
2	Multi-Point Lock (classroom)	MP9800AxE55xN10 L M04	626	RU
2	Concealed Closer	4510T Torx	689	LCN
2	Electromagnetic Holder	2400LR Torx	689	ABH
1	Head & Jamb Gasketing	2891AV Torx		PE
2	Astragal	303AV Torx		PE

Notes: 1. Interface with building fire alarm system to release door(s) from hold open.
2. Mount hold open devices near floor.
3. Lever handle is not ligature-resistant

Set: 18.0
Description: Corridor Pair - Locked (both directions)

2	Continuous Hinge	FM300 HT Torx	630	MR
2	Multi-Point Lock (asylum)	MP9800AxE59xN59 L M04	626	RU
2	Concealed Closer	4510T Torx	689	LCN
2	Kick Plate	K1050 8" BEV CSK Torx	US32D	RO
2	Anti-Ligature Wall Stop	Kingsway KG182	US26D	
1	Head & Jamb Seal (adhesive)	S88BL (fire rated doors only)		PE
1	Astragal (adhesive, edge mount)	S771C		PE

Notes: Lever handle is not ligature-resistant

Set: 19.0 – NOT USED

Set: 20.0 – NOT USED

Set: 21.0 – NOT USED

Set: 22.0
Description: Single Corridor Stair Egress - Locked

1	Continuous Hinge	FM300 HT Torx	630	MR
1	Multi-Point Lock (special	MP9800AxE59xN00 L M04 (no inside trim)	626	RU
1	Exit Device (CVR,LBR,EO)	ED5860B EO M55 M04	630	RU
2	Concealed Closer	4510T Torx	689	LCN
4	Kick Plate	K1050 8" BEV CSK Torx	US32D	RO
1	Electromagnetic Holder	2400LR Torx	689	ABH
1	Astragal	357SS (WD&SS); 357SP (HMD) Torx		PE

Notes: 1. Lever handle is not ligature-resistant
2. Interface with building fire alarm system to fail secure door(s) from hold open.
3. Coordinate with ES4300A Exit Alarm DSI Design Security, Inc provided by E-Contract (Security Vender).

Set: 23.0
Description: Corridor Double Egress Pair - Hold Open

2	Continuous Hinge	FM300 HT Torx	630	MR
2	Exit Device (CVR,LBR,EO)	ED5860B EO M55 M04	630	RU
2	Concealed Closer	4510T Torx	689	LCN
2	Electromagnetic Holder	2400LR Torx	689	ABH
1	Astragal	357SS (WD&SS); 357SP (HMD) Torx		PE

Notes: 1. Interface with building fire alarm system to release door(s) from hold open.
2. Mount hold open devices near floor.

Set: 24.0
Description: Open Office

1	Continuous Hinge	FM300 HT Torx	630	MR
1	Entrance Lock	ML2054 BHSS	630	RU
1	Concealed Closer	4510T Torx	689	LCN
1	Kick Plate	K1050 8" BEV CSK Torx	US32D	RO
1	Anti-Ligature Wall Stop	Kingsway KG182	US26D	
1	Head & Jamb Gasketing	303AV Torx		PE

Set: 25.0
Description: Office (non-ligature resistant)

3	Hinge (Torx)	TA2714 (qty, size, nrp per spec)	US26D	MK
1	Entrance Lock	ML2054 NSA	626	RU
1	Door Stop	401; 404 Torx	US26D	RO
3	Silencer	608-RKW		RO

Set: 26.0
Description: Seclusion Room (Fire Rated), 180 degree swing out

1	Continuous Hinge	FM300 HT Torx	630	MR	
1	Seclusion Rm Lock (less inside lever)	USL-K3-IHB2-F (inside cyl x omit lever)		626	SR
2	Cylinder	To suit device	626	RU	
1	Concealed Closer	4510T Torx	689	LCN	
1	Anti-Ligature Wall Stop	Kingsway KG182	US26D		
1	Head & Jamb Gasketing	303AV Torx		PE	

Notes: 1. Operation: Door is normally closed and locked. Egress from inside seclusion room by key.
2. Lock will have key cylinders with tapered collars, cylinder only on seclusion room side.

END OF HARDWARE SETS

SECTION 275314

MODIFICATIONS TO CLOCK SYSTEM

PART 1 – GENERAL

1.1 WORK INCLUDED

A. Provide all labor, materials, equipment and services required for the installation of a complete and functioning clock system as shown on the drawings and described in this section. The clock system shall include a transmitter, secondary clocks, remote repeater transmitter, and all accessories for complete operation.

B. Wireless Clock System furnished and installed under the E-Contract, In.

C. Provide all required wiring and programming to tie the new master clock system program output relays building new public address system.

1.2 DESCRIPTION OF WORK

A. The system shall synchronize all clocks to each other. The system shall utilize network time protocol technology to provide time correction. The system shall not require hard wiring for time correction. Clocks shall automatically adjust for Daylight Savings Time.

B. Secondary Clocks shall be synchronized to within 1 second 6 times per day, and the system shall have an internal oscillator that maintains plus or minus one second per day between synchronizations. The system shall also include an internal clock reference so that failure of the LAN signal shall not cause the clocks to fail in indicating time.

C. The system shall include a remote repeater transmitter to provide adequate time signals to the clocks in far parts of the building from the master controller.

D. The system shall include a set of programmable contacts on the master controller that is wired to the building public address system for program bell annunciation.

E. Clock locations shall be as indicated, and clocks shall be fully portable, capable of being relocated at any time.

F. The system shall include a remote repeater transmitter to provide adequate time signals to the clocks in far parts of the building from the master controller.

G. The system shall include a set of programmable contacts on the master controller that is wired to the building public address system for program bell annunciation.

H. This section includes minimum requirements for the following:

1. Wireless Clocks
2. Wireless Wireless Repeaters
3. Wireless Clock Accessories

1.3 SUBMITTALS

A. Product Data: Obtain catalog data from owner for each component, describing physical characteristics and method of installation.

B. Operating License: Submit evidence of application for operating license with the FCC prior to installing equipment.

C. Furnish the license, or if the license has not been received, a copy of the application for the license, to the Owner prior to operating the equipment. When license is received, deliver original license to Owner.

1.4 QUALITY ASSURANCE

A. Permits: Obtain operating license for the transmitter from the FCC.

B. Equipment and components furnished shall be of manufacturer's latest model.

C. Transmitter and receiver shall comply with Part 90 of FCC rules, as follows:

1. This device may not cause harmful interference, and this device must accept interference received, including interference that may cause undesired operation.
2. Transmitter frequency shall be governed by FCC Part 90.35.
3. Transmitter output power shall be governed by FCC Part 90.257 (b).

D. Qualifications:

1. Manufacturer: Company specializing in manufacturing commercial time systems with a minimum of 10 continuous years of documented experience.
2. Installer: Company with documented experience in the installation of commercial time systems.

1.5 SEQUENCE OF OPERATION

A. When power is first applied to the transmitter, it checks for and displays the software version, then it checks the position of the switches and stores their position in memory. The transmitter then looks for the LAN provided time using network time protocol. Once the transmitter has received the time, it sets its internal clock to that time. The transmitter then starts to transmit its internal time once every second. The transmitter updates its internal clock every time it receives valid time data from the LAN.

B. Clock Operation:

1. When power is available to the secondary clock: A) Press the red button when the red second hand is at the 12:00 position. At this time the microprocessor will lock in the location of the second hand.
2. After the red second hand has passed over the minute hand (first second hash mark after minute hand), press and release the red button. At this time the microprocessor will lock in the location of the minute hand. The microprocessor then assumes the location of the hour hand. After the red button has been pressed twice, the microprocessor will start searching the channels. It will start at channel No.1 and proceed one by one until it either decodes a valid signal or reaches channel No.16.If no signal is detected the receiver will be shut off and will try again later. If a signal is received, the microprocessor will store the channel number, set the clock to receive the time. For the next minute the clock will beep every time that it receives a valid time signal. If the clock is in a good signal area it will beep once a second. If the clock beeps every few seconds, the clock is in a marginal signal area. Analog clocks can operate in marginal signal areas, but battery life will be about 25 percent shorter.
3. After initial set, the clock will shut off the receiver. On a pre-scheduled basis, the microprocessor will turn the receiver back on and starting with the stored channel, it will again look for a valid time signal. However, the beeper will not operate.
4. If the clock has not decoded a valid time signal for seven days, then it will go back to a double-step mode. Non-signal reception can be caused by low battery voltage. If this occurs, replace the batteries.

PART 2 – PRODUCTS

2.1 WIRELESS TRANSMITTER/ REPEATERS (Ronco)

A. Unit shall obtain current atomic time from satellite or from district network SNTP/NTP time source The clock system shall transmit time continuously to all clocks in the system. The transmitter shall be located within the Main Office.

B. Transmitters shall receive the signal from network time protocol from the building data network LAN connection and transmit the signal to the devices in its vicinity.

C. Transmitting antenna mounted on top of the housing, 46 inches long.

D. Power Supply, 6 foot cord:

1. Input: 120 VAC, 60 Hz, 0.4 amp

2. Output: 9 volt DC, 1.5 amps.

E. Approximately one watt transmission, 900 MHz frequency hopping or licensed 72 MHz design. Minimum 16 selectable channels.

F. Time zone adjustment switch

G. LCD display showing time, date and signal verification

H. Housing: black metal casing:

I. Dimensions:17 inches long by 12 inches deep by 1-7/8 inches high

J. Include with 120VAC plug-in battery backup UPS unit to power the master transmitter.

K. Design Make: Owner provided

2.2 12" WIRELESS BATTERY CLOCK (by Ronco)

A. Analog clock, 12-inch diameter, wall mounted, and shall have polycarbonate frame and polycarbonate lens. Face shall be white. Hour and minute hands shall be black. Includes red sweep second hand.

B. Utilizing Network Time Protocol (NTP) time shall be automatically updated from the transmitter at a minimum of 6 times per day.

C. Approximately one watt transmission, 900 MHz frequency hopping or licensed 72 MHz design. Minimum 16 selectable channels.

D. Designed for (2) DD Battery power operation for a minimum of 3-years.

E. Include with required batteries.

F. Provide new hanger receptacle at each clock location, and circuit as indicated on drawings. Installation of surface mounted clock shall be smooth and flush with wall.

G. Design Make: Sapling Analog;/

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine conditions with the Installer present for compliance with requirements and other conditions affecting the performance of the Clock System.

1. Visually inspect substrate in presence of Directors Representative.

2. Ensure surfaces are free of dirt, grease and other deleterious materials.

3. Proceed with installation only after unacceptable conditions have been remedied and after receipt of written approval to proceed.

B. Verify that construction is complete in spaces to receive equipment and that rooms are clean and dry.

C. Verify 120-volt electrical outlet within 4 feet of location of transmitter, and that outlet is operational and properly grounded.

3.2 INSTALLATION

A. Install wireless clock system in accordance with manufacturer's written recommendations and in accordance with NFPA 70E.

B. Integrate clock system with Owner's electrical and communications network.

C. Provide Cat. 6 cable with RJ-45 plug-in connector from building LAN connection to the transmitter for network time protocol signal.

D. Provide 120Volt 3-wire clock disconnect for each 24V or 120V clock connection. Locate disconnect behind clock.

E. Provide software client and interface cable to allow a Windows PC the ability to program the class change bell controls.

F. Transmitter:

1. Locate transmitter where indicated on drawings, a minimum of 2 to 3 feet above the floor, away from large metal objects such as filing cabinets, lockers or metal framed walls.
2. Attach receiver to transmitter using cable.
3. Connect antenna to transmitter using care not to strip threads.
4. Connect power supply to the transmitter.
5. Set the channel number on the display to correspond to the FCC license.
6. Plug power supply into electrical outlet.

G. Analog clocks: Perform the following operations with each clock:

1. Provide 120 volt branch circuit and mounting receptacle.
2. Set clock to correct time in accordance with manufacturer's instructions.
3. Observe analog clock until valid signals are received and analog clock adjusts itself to correct time.
4. Install the analog clock on the wall in the indicated location, plumb, level and tight against wall. If using 12-1/5 inch clock, attach using clock-lock hanging method and suitable fasteners as approved by clock manufacturer.

H. Provide 2-face back-to-back clocks in the corridors with manufacturer furnished wall bracket.

I. Secure to wall, using approved tamper-resistant fasteners.

J. Install program bell synchronization on owner direct PC and serial link cable to wireless system. Provide complete initial program bell settings based on owner requirements.

3.3 FCC REGISTRATION

A. Provide all registration filings for the FCC license to operate the new master clock system. Pay all record and filing fees.

3.4 ADJUSTING

A. Prior to final acceptance, inspect each clock, adjust as required, and replace parts which are found defective.

3.5 CLEANING

A. Prior to final acceptance, clean exposed surfaces of clocks, using cleaning methods recommended by clock manufacturer. Remove temporary labels from clock faces. Do not remove labels from backs of clocks.

3.6 DEMONSTRATION AND TRAINING

A. Provide 2-hours training and demonstration to owner's representatives. At a minimum the Main Office staff and the building custodian shall be instructed on using the software client to the adjust class time schedules, setting and adjusting clocks, replacing batteries and routine maintenance.

1. Provide additional 1-hour training after each phase.

B. Break down system demonstration and training session into logical segments for Owner's operations and maintenance personnel.

C. Train Owner's maintenance personnel in procedures and schedules involved in operating, troubleshooting, servicing, and preventative maintenance of clock system.

END OF SECTION 275314

NEW YORK STATE OF OPPORTUNITY. Office of General Services

Design and Construction
Division of Construction, 35th Floor, Corning Tower
The Governor Nelson A. Rockefeller Empire State Plaza
Albany, New York 12242
Phone: (518) 474-0331 FAX: (518) 474-8201

SCHEDULE OF SUBMITTALS

PROJECT NO.: 46103-H

FACILITY: Buffalo Psychiatric Center

CONTRACTOR:

PROJECT MANAGER:

DESIGN CONSULTANT: IBC Engineering

ENGINEER-IN-CHARGE:

LEGEND

PACK: SUBMITTAL PACKAGE

SD: SHOP DRAWINGS

PD: PRODUCT DATA

EPD: ENVIRONMENTAL PRODUCT DECLARATION

SAM: SAMPLES

QCS: QUALITY CONTROL SUBMITTALS

LEED: LEED SUBMITTALS

CCS: CONTRACT CLOSEOUT SUBMITTALS

SUBMITTAL REVIEW RESPONSIBILITY:
F: OGS FIELD OFFICE
F/O: OGS FIELD OFFICE / OFFICE (ALBANY)
D: CONSULTANT / DESIGNER
S: OGS SCHEDULING DEPARTMENT
RSM: Regional Safety Manager

INSTRUCTIONS TO THE CONTRACTOR

1. Refer to **Section 013300 Submittals** of the Project Manual for general requirements regarding submittals and to **Section 017716 - CONTRACT CLOSEOUT** for project closeout submittals.
2. Refer to Sections of the specifications indicated herein for details of the requirements for each submittal listed.
3. Indicate in the rows (spaces) following each item:
a. Critical submittals and long lead items (mark with an 'X'). Some critical submittals may already be identified by the design team. Confirm that these are critical submittals.
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4. An example of a Submittal Transmittal (BDC-42) can be located at: http://www.ogs.ny.gov/BU/DC/forms/ContractorConstForms.asp
5. Submit Contract Closeout Submittals (CCS) prior to final inspection.

INSTRUCTIONS TO THE CONSULTANT / DESIGNER

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3. Indicate F, F/O or D in column E. Items in Div.1 have defaults that can be modified as necessary.
4. Indicate items that are critical submittals in column F.
Note:
The following list of submittals is furnished for your convenience in scheduling submittals. The list is not warranted to be complete and does not take precedence over the contract documents. Enter additional submittals, as required and modify this schedule to the specific project. This S.O.S. will be used to populate the submittals website log.

NEW YORK STATE OF OPPORTUNITY. Office of General Services

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SCHEDULE OF SUBMITTALS

PROJECT NO.: 46103-H

SUBMITTALS FOR APPROVAL				Send to:	Critical Submittals	Contractor's Projected Dates Allow at least 4 weeks for Approval (allows time for any resubmission)		
Spec Section	Sub Section	Type	Description	F F/O D S	Mark "X" for all that apply	Projected Transmittal Date:	Projected Approval Date:	Projected Delivery Date:
007213			**GENERAL CONDITIONS**					
007213		**PD**	ARTICLE 6: Designate in writing competent supervision and/or management representatives as required - include contact number in case of an emergency after work hours, including weekends and holidays (see 011000 Summary of Work)	F				
007213		**PD**	ARTICLE 8: Permits and licenses	F				
011000			**SUMMARY**					
011000	**1.05.A**	**QCS**	Contractor's List of Subcontractors	F				
011000	**1.05.B**	**QCS**	Preliminary Project Schedule	F				
011000	**1.05.C**	**QCS**	Coordinator Qualifications	F				
011000	**1.09 O**	**SDS**	Safety Data Sheets	F/D	X			
011100			**SAFETY**					
011100	**1.04.A**	**QCS**	Site Specific Safety Plan	RSM				
013113			**PROJECT SCHEDULE**					
013300			**SUBMITTALS**					
013300	**1.07.A**	**PD**	Schedule of Submittals Acknowledgement	F	X			
013300	**1.06**	**QCS**	Submittal Coordinator Qualifications	F/O	X			
013350			**COMPUTER AIDED DESIGN COORDINATION DRAWINGS**					
013350		**SD**	Coordination Drawings	F/D				
017419			**CONSTRUCTION WASTE MANAGEMENT**					
017419	**1.03.A**	**LEED**	Construction Waste Management Plan	F/O				
017419	**1.04.A.2**	**PD**	In conjunction with payment applications, contractors shall submit a monthly Waste Management submission. This submission shall include waste receipts for the payment period and a completed Waste Management Form for the same payment period.	F				
017419	**1.04.A.3**	**PD**	Calculations and supporting documentation to demonstrate end-of–project recycling rates meeting the requirements of the Construction Waste Management Plan.	F				
017419			Final Waste Manage Report for Record	F				
017716			**CONTRACT CLOSEOUT**					
017716	**1.04**	**CCS**	Project Record Documents	F				
017716	**1.05**	**CCS**	Operation and Maintenance	F				

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017716	**1.06**	**CCS**	Warranties	F				
017716	**1.07**	**CCS**	Spare Parts and Maintenance Materials	F				
017716	**1.02**	**CCS**	Commissioning Requirements	F				
019113			**GENERAL COMMISSIONING**					
019113	**3.2, A.**	**CCS**	Prefunctional Checklist	F				
019113	**3.2, B.**	**CCS**	Prefunctional Checklist	F				
019113	**3.4, B.**	**CCS**	Operation and Maintenacnce Manuals	F				
019113	**3.5**	**CCS**	Training	F				
078100			**APPLIED FIREPROOFING**					
078100		**PACK**	Submit the Product Data, Samples and Quality Control Submittals at the same time as a package.	D				
078100	**1.4.A.1**	**PD**	Sprayed Fire-Resistive Materials	D				
078100	**1.4.A.2**	**PD**	Substrate Primers	D				
078100	**1.4.A.3**	**PD**	Bonding Agent	D				
078100	**1.4.B**	**SD**	Shop Drawings	D				
078100	**1.5.A**	**QCS**	Installer's Qualification Data	D				
078100	**1.5.B**	**QCS**	Product Certificates	D				
078100	**1.5.C**	**QCS**	Evaluation Reports	D				
078100	**1.5.A**	**CCS**	Installer Certificates	F				
078400			**FIRESTOPPING**					
078400		**PACK**	Submit the Product Data, Samples, Quality Control Submittals and Firestop Schedule at the same time as a package.	D				
078400	**2.3**	**PD**	Penetration Firestopping Systems	D				
078400	**2.4**	**PD**	Fill Materials	D				
078400	**2.5**	**PD**	Mixing	D				
078400	**1.6.A**	**QCS**	Installer's Qualifications Data	D				
078400	**1.3.B.1**	**QCS**	Engineering Judgements	D				
078400	**1.3.B**	**QCS**	Firestop Schedule	D				
078400	**1.5.A**	**CCS**	Installer Certificates	F				
079200			**JOINT SEALANTS**					
079200	**2.4**	**PD**	Silicone Joint Sealants	D				
079200	**2.5**	**PD**	Mildew-Resistant Joint Sealants	D				
079200		**PD**	Urethane Joint Sealants	D				
079200	**2.6**	**PD**	Acoustical Joint Sealants	D				
079200	**2.3**	**PD**	Security Sealants	D				
079200	**2.7.C**	**SAM**	Bond Breaker Tape	D				
079200	**1.4.B**	**SAM**	Initial Selection: Manufacturer's color charts consisting of strips of cured sealants showing the full range of colors available for each product exposed to view.	D				
079200	**1.4.C**	**SAM**	Verification: For each kind and color of joint sealant required, provide Samples with joint sealants in 1/2-inch-wide joints formed between two 6-inch-long strips of material matching the appearance of exposed surfaces adjacent to joint sealants.	D				

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079200	1.6.A	QCS	Installer's Qualifications Data	D				
079200	1.4.D	QCS	Joint-Sealant Schedule	D				
079200	1.5.A	QCS	Qualification Data: For qualified testing agency	D				
079200	1.6.B	QCS	Product Test Reports	D				
079200	1.5.B	QCS	Preconstruction Field-Adhesion-Test Reports	D				
079200	1.5.C	QCS	Field-Adhesion-Test Reports	D				
079200	1.5.D	QCS	Sample Warranties	D				
230130			CLEANING OF AIR CONVEYANCE SYSTEM COMPONENTS					
230130	1.4.A	SD	Shop drawings locating all proposed duct penetrations and ceiling access holes in plaster ceilings	D				
230130	1.4.B	PD	Provide MSDS sheets on all solvents, cleaners and sanitizers to be used on project	D/F				
230130	2.2	PD	Encapsulant					
230130	2.3	PD	Coating					
230130	2.4	PD	Plenum Paint					
230130	1.3.B	QCS	All sheet metal shall be fabricated and installed by an experienced Contractor					
230130	3.6.A	QCS	Sequence of Work					
230130	3.8	QCS	Report					
230513			COMMON MOTOR REQUIREMENTS FOR HVAC EQUIPMENT					
230513	1.2	PD	Submit motor information with submittal fot equipment served	D				
230513	3.2	SD	Replacement of Existing Motors	D				
230523			VALVES					
230523	2.1	PD	VALVES	D				
230550			VIBRATION ISOLATION					
230550	1.2.A	SD	Submit shop drawings on the products provided for each piece of equipment	D				
230554			EQUIPMENT IDENTIFICATION					
230554	1.3.A	PD	Submit manufacturer's technical product data and installation instructions for each identification material and device	D				
230594			BALANCING OF SYSTEMS					
230594	1.4	QCS	Quality-Assurance Submittals	D				
230594	1.3.B	SAM	Sample Report Forms	D				
230594	1.3.C	QCS	Strategies and Procedures Plan	D				
230594	1.3.D	QCS	Certified Testing, Adjusting, and Balancing Reports	D				
230594	1.3.E	CCS	Warranty	D				
230719			INSULATION					

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230719		**PD**	Insulation Materials	D				
230719	**2.11.D**	**PD**	Adhesives	D				
230719	**2.11.**	**PD**	Mastics and Coatings	D				
230719		**PD**	Lagging Adhesives	D				
230719	**2.11.G**	**PD**	Sealants	D				
230719		**PD**	Field-Applied Reinforcing Mesh	D				
230719		**SAM**	Preformed Pipe Insulation Materials	D				
230719	**3.3.C**	**SAM**	Jacket Materials for Pipe	D				
230719		**SAM**	Sheet Jacket Materials	D				
230719		**QCS**	Qualification Data: For qualified Installer.	D				
230889			**WIRING OF MECHANICAL EQUIPMENT**					
230889	**1.5.A**	**PD**	Provide submittals including complete wiring diagrams for equipment and systems.	D				
230923			**DIRECT DIGITAL BUILDING CONTROL SYSTEM**					
230923	**1.4**	**SD**	Full detailed drawings for DDC System.	D				
230923		**SD**	Coordination Drawings	D				
230923	**2.1**	**PD**	System Software	D				
230923		**PD**	Office Application Software	D				
230923		**PD**	Maintenance Management Software	D				
230923	**2.26**	**PD**	Controller Software	D				
230923	**2.19**	**PD**	Enclosures	D				
230923	**2.7**	**PD**	Relays	D				
230923		**PD**	Electrical Power Devices	D				
230923	**2.30.**	**PD**	Pneumatic and Pressure Instrument Signal Air Piping and Tubing	D				
230923		**PD**	Accessories	D				
230923		**SAM**	Moisture Instruments	D				
230923		**SAM**	Pressure Instruments	D				
230923		**SAM**	Temperature Instruments	D				
230923		**QCS**	System Description	D				
230923		**QCS**	Sample Warranty	D				
230923	**1.8.B**	**QCS**	Contractor Qualification	D				
230923	**1.8.D**	**QCS**	Field Representation	D				
230923	**1.10.**	**CCS**	Operation and Maintenance Data	F				
230923	**1.11.G**	**CCS**	Pre-Commissioing Report	F				
230923	**1.13**	**CCS**	Warranty	D				
232000			**HVAC PIPING**					
232000	**1.3.A**	**PS**	Schedule of pipe materials, fittings and connections by piping system	D				
232000	**1.3.B**	**PD**	Piping supports, flexible connections, expansion compensators, stands, shields and hangers	D				
232000	**1.3.C**	**PD**	Specialty piping diagram details, including, but not limited to oil and refrigerant piping systems	D				
232000	**1.3.D**	**PD**	Submit anchors, sleeves, hanger shields, and guides	D				
232000	**3.12**	**QCS**	Tests	D				
232000		**EDP**	Enviromental Product Description	D				

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232003			**THERMOMETERS AND GAUGES**					
232003	**1.3.A**	**PD**	Submit manufacturer's data for each gauge and thermometer type.	D				
232003	**1.3.B**	**PD**	Provide submittal for installation of all thermo-wells, including manufacturer's recommendations for placement	D				
232006			**HYDRONIC SPECIALTIES**					
232006	**1.3.A**	**PD**	Piping supports, flexible connections, expansion compensators, stands, shields and hangers	D				
232006	**1.3.B**	**PD**	Submit anchors, sleeves, hanger shields, and guides	D				
232123			**PUMPS**					
232123	**1.2**	**SD**	Full detailed drawings for each pump.	D				
232123		**SD**	Coordination Drawings	D				
232123	**2.2**	**PD**	Close-Coupled, In-Line Centrifugal Pumps	D				
232201			**STEAM SPECIALTIES**					
232201	**1.3.D.1**	**PD**	Steel Pipe and Fittings	D				
232201	**1.3.D.2**	**PD**	Stainless Steel Pipe and Fittings	D				
232201	**1.3.D.3**	**PD**	Joining Materials	D				
232201	**1.3.E**	**QCS**	Environmental Product Declaration (EPD)	D				
232201	**1.3.F**	**SD**	Delegated Design Shop Drawings	D				
232201	**1.3.G**	**QCS**	Installer Qualifications	D				
232201	**1.3.H**	**QCS**	Welding Certificates	D				
232201	**1.3.I**	**QCS**	Field Quality Reports	D				
232201	**1.4.B**	**CCS**	Welding Qualifications	F				
232216			**STEAM AND CONDENSATE PIPING**					
232216	**1.3.D.1**	**PD**	Strainer	D				
232216	**1.3.D.2**	**PD**	Flash Tank	D				
232216	**1.3.D.3**	**PD**	Valve	D				
232216	**1.3.D.4**	**PD**	Steam Trap	D				
232216	**1.3.D.5**	**PD**	Air Vent and Vacuum Breaker	D				
232216	**1.3.D.6**	**PD**	Connector	D				
232216	**1.3.D.7**	**PD**	Meter	D				
232216	**1.4.A**	**CCS**	Operations and Maintenance Data	F				
232216	**1.5.A**	**QCS**	Welding Qualifications	F				
233113			**METAL DUCTWORK**					
233113	**1.3.C**	**SD**	Full detailed drawings of metal ducts.	D				
233300			**DUCTWORK ACCESSORIES**					
233300	**1.4.A**	**SD**	Shop drawings of all sheet metal equipment and materials being provided.	D				
233300	**1.4.B**	**PD**	Submit a complete shop standard manual including construction details for all shop fabricated materials.	D				

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233300	**1.4.C**	**SD**	Ductwork detail drawings	D				
233300	**2.2**	**PD**	Square and Rectangular Ductwork	D				
233300	**2.3**	**PD**	Round and Flat-Oval Ductwork	D				
233300	**2.4**	**PD**	Ductwork Sealing	D				
233300	**2.9**	**PD**	Access Doors	D				
233300	**2.10.**	**PD**	Acoustical-Thermal Duct Lining in Ductwork	D				
233300	**2.11**	**PD**	Instrument Test Holes	D				
233300	**2.12**	**PD**	Fire Dampers	D				
233302			**GRILLES, REGISTERS AND DIFFUSERS**					
233302	**1.2.A**	**PD**	Grilles/Diffusers	D				
233302	**1.2.B**	**PD**	Provide performance data of range of operating air flows for all sizes to be provided on the project	D				
233302	**1.2.C**	**SAM**	For type B and grilles and type 2 diffusers (Medium and High Security Areas], provide full size samples for review by OMH and the Engineer.	D				
233412			**AIR HANDLING UNIT REPLACEMENT FANS**					
233412	**1.2.A**	**PD**	Submittals shall include all fans, motors, drives, and accessories	D				
233412	**2.1**	**PD**	Fan Curves and Fan Operating Point	D				
233415			**CENTRIFUGAL IN LINE FANS**					
233415	**1.2.A**	**PD**	Submittals shall include all fans, motors, drives, and accessories	D				
233415	**2.1**	**PD**	Fan Curves and Fan Operating Point	D				
238216			**COILS**					
238216	**1.2.A**	**SD**	Submit shop drawing on coils.	D				
238236			**FINNED-TUBE RADIATION HEATERS**					
238236		**SD**	Full detailed drawings for heaters	D				
238236	**1.2.A**	**SD**	Coordinate Drawings	D				
238236	**2.2.B**	**PD**	Hot-Water Steam Finned-Tube Radiation Heaters	D				
238236	**3.1.B**	**PD**	Color Selection Chart	D				
238325			**RADIANT CEILING PANELS**					
238325	**1.2.A**	**PD**	Product Data to include Shop drawings as single package	D				
238325	**1.2.B**	**QCS**	Performance and Capacity Rating Reports	D				
238325	**1.2.C**	**SD**	Shop Drawings	D				

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SCHEDULE OF SUBMITTALS

PROJECT NO.: 46103-P

FACILITY: Buffalo Psychiatric Center

CONTRACTOR:

PROJECT MANAGER:

DESIGN CONSULTANT: IBC Engineering

ENGINEER-IN-CHARGE:

LEGEND

PACK: SUBMITTAL PACKAGE

SD: SHOP DRAWINGS

PD: PRODUCT DATA

EPD: ENVIRONMENTAL PRODUCT DECLARATION

SAM: SAMPLES

QCS: QUALITY CONTROL SUBMITTALS

LEED: LEED SUBMITTALS

CCS: CONTRACT CLOSEOUT SUBMITTALS

SUBMITTAL REVIEW RESPONSIBILITY:
F: OGS FIELD OFFICE
F/O: OGS FIELD OFFICE / OFFICE (ALBANY)
D: CONSULTANT / DESIGNER
S: OGS SCHEDULING DEPARTMENT
RSM: Regional Safety Manager

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4. Indicate items that are critical submittals in column F.
Note:
The following list of submittals is furnished for your convenience in scheduling submittals. The list is not warranted to be complete and does not take precedence over the contract documents. Enter additional submittals, as required and modify this schedule to the specific project. This S.O.S. will be used to populate the submittals website log.

NEW YORK STATE OF OPPORTUNITY. Office of General Services

Design and Construction
Division of Construction, 34th Floor, Corning Tower
The Governor Nelson A. Rockefeller Empire State Plaza
Albany, New York 12242
Phone: (518) 474-0331 FAX: (518) 474-8201

SCHEDULE OF SUBMITTALS

PROJECT NO.: 46103- P

SUBMITTALS FOR APPROVAL				Send to:	Critical Submittals	Contractor's Projected Dates Allow at least 4 weeks for Approval (allows time for any resubmission)		
Spec Section	Sub Section	Type	Description	F F/O D S	Mark "X" for all that apply	Projected Transmittal Date:	Projected Approval Date:	Projected Delivery Date:
007213			**GENERAL CONDITIONS**					
007213		**PD**	ARTICLE 6: Designate in writing competent supervision and/or management representatives as required - include contact number in case of an emergency after work hours, including weekends and holidays (see 011000 Summary of Work)	F				
007213		**PD**	ARTICLE 8: Permits and licenses	F				
011000			**SUMMARY**					
011000	**1.05.A**	**QCS**	Contractor's List of Subcontractors	F				
011000	**1.05.B**	**QCS**	Preliminary Project Schedule	F				
011000	**1.05.C**	**QCS**	Coordinator Qualifications	F				
011000	**1.09 O**	**SDS**	Safety Data Sheets	F/D	X			
011100			**SAFETY**					
011100	**1.04.A**	**QCS**	Site Specific Safety Plan	RSM				
013113			**PROJECT SCHEDULE**					
013300			**SUBMITTALS**					
013300	**1.07.A**	**PD**	Schedule of Submittals Acknowledgement	F	X			
013300	**1.06**	**QCS**	Submittal Coordinator Qualifications	F/O	X			
013350			**COMPUTER AIDED DESIGN COORDINATION DRAWINGS**					
013350		**SD**	Coordination Drawings	F/D				
017419			**CONSTRUCTION WASTE MANAGEMENT**					
017419	**1.03.A**	**LEED**	Construction Waste Management Plan	F/O				
017419	**1.04.A.2**	**PD**	In conjunction with payment applications, contractors shall submit a monthly Waste Management submission. This submission shall include waste receipts for the payment period and a completed Waste Management Form for the same payment period.	F				
017419	**1.04.A.3**	**PD**	Calculations and supporting documentation to demonstrate end-of–project recycling rates meeting the requirements of the Construction Waste Management Plan.	F				
017419			Final Waste Manage Report for Record	F				
017716			**CONTRACT CLOSEOUT**					
017716	**1.04**	**CCS**	Project Record Documents	F				
017716	**1.05**	**CCS**	Operation and Maintenance	F				
017716	**1.06**	**CCS**	Warranties	F				

SCHEDULE OF SUBMITTALS

PROJECT NO.: 46103- P

SUBMITTALS FOR APPROVAL				Send to:	Critical Submittals	Contractor's Projected Dates Allow at least 4 weeks for Approval (allows time for any resubmission)		
Spec Section	Sub Section	Type	Description	F F/O D S	Mark "X" for all that apply	Projected Transmittal Date:	Projected Approval Date:	Projected Delivery Date:
017716	**1.07**	**CCS**	Spare Parts and Maintenance Materials	F				
019113			**GENERAL COMMISSIONING**					
019113	**3.2, A.**	**CCS**	Prefunctional Checklist	F				
019113	**3.2, B.**	**CCS**	Prefunctional Checklist	F				
019113	**3.4, B.**	**CCS**	Operation and Maintenacnce Manuals	F				
019113	**3.5**	**CCS**	Training	F				
078100			**APPLIED FIREPROOFING**					
078100		**PACK**	Submit the Product Data, Samples, Quality Control Submittals and Firestop Schedule at the same time as a package.	D				
078100	**1.4.A.1**	**PD**	Sprayed Fire-Resistive Materials	D				
078100	**1.4.A.2**	**PD**	Substrate Primers	D				
078100	**1.4.A.3**	**PD**	Bonding Agent	D				
078100	**1.4.B**	**SD**	Shop Drawings	D				
078100	**1.5.A**	**QCS**	Installer's Qualification Data	D				
078100	**1.5.B**	**QCS**	Product Certificates	D				
078100	**1.5.C**	**QCS**	Evaluation Reports	D				
078100	**1.5.A**	**CCS**	Installer Certificates	F				
078400			**FIRESTOPPING**					
078400		**PACK**	Submit the Product Data, Samples, Quality Control Submittals and Firestop Schedule at the same time as a package.	D				
078400	**2.3**	**PD**	Penetration Firestopping Systems	D				
078400	**2.4**	**PD**	Fill Materials	D				
078400	**2.5**	**PD**	Mixing	D				
078400	**1.6.A**	**QCS**	Installer's Qualifications Data	D				
078400	**1.3.B.1**	**QCS**	Engineering Judgements	D				
078400	**1.3.B**	**QCS**	Firestop Schedule	D				
078400	**1.5.A**	**CCS**	Installer Certificates	F				
079200			**JOINT SEALANTS**					
079200	**2.4**	**PD**	Silicone Joint Sealants	D				
079200	**2.5**	**PD**	Mildew-Resistant Joint Sealants	D				
079200		**PD**	Urethane Joint Sealants	D				
079200	**2.6**	**PD**	Acoustical Joint Sealants	D				
079200	**2.3**	**PD**	Security Sealants	D				
079200	**2.7.C**	**SAM**	Bond Breaker Tape	D				
079200	**1.4.B**	**SAM**	Initial Selection: Manufacturer's color charts consisting of strips of cured sealants showing the full range of colors available for each product exposed to view.	D				

SCHEDULE OF SUBMITTALS

PROJECT NO.: 46103- P

SUBMITTALS FOR APPROVAL				Send to:	Critical Submittals	Contractor's Projected Dates Allow at least 4 weeks for Approval (allows time for any resubmission)		
Spec Section	Sub Section	Type	Description	F F/O D S	Mark "X" for all that apply	Projected Transmittal Date:	Projected Approval Date:	Projected Delivery Date:
079200	**1.4.C**	**SAM**	Verification: For each kind and color of joint sealant required, provide Samples with joint sealants in 1/2-inch-wide joints formed between two 6-inch-long strips of material matching the appearance of exposed surfaces adjacent to joint sealants.	D				
079200	**1.6.A**	**QCS**	Installer's Qualifications Data	D				
079200	**1.4.D**	**QCS**	Joint-Sealant Schedule	D				
079200	**1.5.A**	**QCS**	Qualification Data: For qualified testing agency	D				
079200	**1.6.B**	**QCS**	Product Test Reports	D				
079200	**1.5.B**	**QCS**	Preconstruction Field-Adhesion-Test Reports	D				
079200	**1.5.C**	**QCS**	Field-Adhesion-Test Reports	D				
079200	**1.5.D**	**QCS**	Sample Warranties	D				
099101			**CONSTRUCTION PAINTING**					
099101	**1.5.A**	**PD**	Paint Materials	D				
099101	**1.5.C**	**SAM**	Initial Selection: For Each Type of Topcoat Product	D				
099101	**3.6**	**QCS**	Painting Schedule	D				
099101	**3.5**	**QCS**	Maintenance Material Submittals	D				
099101	**1.7.B**	**QCS**	Qualification Data: For Installer	D				
210517			**SLEEVES AND SLEEVE SEALS FOR FIRE-SUPPRESSION PIPING**					
210517	**1.2.A**	**PD**	Pipe materails, fitting, connections & accessories	D				
210517		**QCS**	Field Quality-Control Reports	D				
210529			**PIPE HANGERS AND SUPPORTS**					
210529	**1.2.B**	**PD**	Schedule of all pipe materials, fittings, and connections to be utilized on this Project.	D				
210529	**1.2.A**	**EPD**	Enviromental Protection Description	F/O				
210553			**IDENTIFICATION FOR FIRE-SUPPRESSION PIPING AND EQUIPMENT**					
210553	**1.3.A**	**PD**	Product Data	D				
210553	**1.3.D**	**SAM**	For color, letter style, and graphic representation required for each identification material and device.	D				
210553	**1.3.C**	**QCS**	Schedule- Piping, Equipment and Labels	D				
210553	**1.3.B**	**QCS**	Valve Schedules	D				
211300			**SPRINKLER AND STANDPIPE PIPING**					
211300	**1.2.B**	**QCS**	Schedule of all pipe materials, fittings, and connections to be utilized on this Project.	D				
211300	**1.2.A**	**EPD**	Enviromental Protection Description	F/O				
211314			**WET PIPE SPRINKLERS**					
211314	**1.6.A**	**PD**	Product Data	D				
211314	**1.6.B**	**SAM**	Samples	D				
211314	**1.6.C**	**SD**	Drawings	D				
211314	**1.6.D**	**CO**	Record Drawings	D				

SCHEDULE OF SUBMITTALS

PROJECT NO.: 46103- P

SUBMITTALS FOR APPROVAL				Send to:	Critical Submittals	Contractor's Projected Dates Allow at least 4 weeks for Approval (allows time for any resubmission)		
Spec Section	Sub Section	Type	Description	F F/O D S	Mark "X" for all that apply	Projected Transmittal Date:	Projected Approval Date:	Projected Delivery Date:
211314	**3.3**	**QCS**	Test Results	D				
220523			**VALVES**					
220523	**1.2. A.**	**EPD**	Enviromental Protection Description	F/O				
220523	**1.2.B**	**PD**	Valves and Accessories listed under product	D				
220523		**CCS**	Operational and Maintenance Data	F				
220529			**PIPE HANGERS AND SUPPORTS**					
220529	**1.2.B**	**PD**	Show fabrication and installation details and include calculations	D				
220529	**2.2**	**PD**	Metal Pipe Hangers and Supports	D				
220529	**1.2. A.**	**EPD**	Enviromental Protection Description	F/O				
220553			**PIPING AND VALVE IDENTIFICATION**					
220553		**PD**	Equipment Labels	D				
220553	**24**	**PD**	Warning Signs and Labels	D				
220553	**2.2.A**	**PD**	Pipe Labels	D				
220553	**2.2.A**	**PD**	Valve Tags	D				
220553		**PD**	Warning Tags	D				
220553	**1.3**	**SAM**	For color, letter style, and graphic representation required for each identification material and device.	D				
220553		**QCS**	Equipment Label Schedule	D				
220553	**3.1.C.1**	**QCS**	Valve Numbering Scheme	D				
220553	**1.3.C**	**QCS**	Valve Schedules	D				
220577			**FLOOR AND AREA DRAINS**					
220577	**2.1.A**	**PD**	Floor Drain (FD-A)	D				
220577	**2.1.B**	**PD**	Floor Drain (FD-B)	D				
220700			**PIPING INSULATION**					
220700	**1.2.A**	**PD**	Product Description, all products listed under Part 2 - Products, data sheets and health product declaration sheets	D				
220700	**1.2.B**	**QCS**	Schedule of insulation	D				
220700		**QCS**	Manufacturer's Certificate	D				
220800			**CLEANING AND TESTING**					
220800	**1.3.A**	**PD**	Product Description, all products listed under Part 2 - Products, data sheets and health product declaration sheets	D				
220800	**1.3.B**	**QCS**	Written Certification for product system tests.	D				
220800	**3.2.A.1**	**QCS**	Test Equipment and Instruments	D				
220800	**3.2.A.1**	**QCS**	Written Certification for tests completed	D				
220800	**3.4.A**	**QCS**	Test and Flushing Results	D				
220800	**1.3.C**	**QCS**	Provide information in report form listing items required by the Project specifications	D				
221000			**PLUMBING PIPING**					

SCHEDULE OF SUBMITTALS

PROJECT NO.: 46103- P

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Spec Section	Sub Section	Type	Description	F F/O D S	Mark "X" for all that apply	Projected Transmittal Date:	Projected Approval Date:	Projected Delivery Date:
221000	**1.2**	**SD**	Indicate layout of piping systems, including equipment, critical dimensions, and sizes.	D				
221000	**2.2**	**PD**	Copper - Tubing and Fittings	D				
221000	**2.3**	**PD**	Steel - Pipe and Fittings	D				
221000	**2.3.C**	**PD**	Cast Iron Soil - Pipe and Fittings	D				
221000		**PD**	Cast Iron - Pipe and Fittings	D				
221000	**3.1**	**PD**	Escutcheons	D				
221000	**3.8**	**PD**	Floor Plates	D				
221000		**QCS**	Design Data	D				
221000		**QCS**	Welders' Certificate	D				
221102			**DRAINAGE & VENT SYSTEM**					
221102	**1.2. A.**	**PD**	All products specified under Part-2 Products	D				
221102	**1.2. B.**	**QCS**	Submit written certification	D				
221119			**WATER SUPPLY ACCESSORIES**					
221119	**2.1.A**	**SD**	Full detailed drawings for domestic water piping specialties.	D				
221119	**2.2**	**PD**	Vacuum Breakers	D				
221119	**2.3**	**PD**	Shock Absorbers	D				
221119	**2.4**	**PD**	Backflow Preventers	D				
221119		**PD**	Strainers for Domestic Water Piping	D				
221119		**PD**	Water-Hammer Arresters	D				
221119	**3.5.D**	**QCS**	Test and Inspection Reports	D				
221119	**1.3.B**	**QCS**	Field Quality-Control Reports	D				
221119		**CCS**	Operation and Maintenance Data	F/D				
221122			**THERMOMETERS AND GAUGES**					
221122	**1.2.A**	**SD**	Submit shop drawings for all items specified	D				
224200			**PLUMBING FIXTURES**					
224200	**1.2.A**	**SD**	Submit shop drawings for all items specified under Part 2 - Products	D				
224200	**1.2.B**	**SD**	Submit wiring diagrams and manufacturer's electrical requirements	D				
224200	**1.2.C**	**PD**	Submit manufacturer's color charts	D				
224200	**1.2.D**	**CCS**	Submit operations and maintenance information	F/D				

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SCHEDULE OF SUBMITTALS

PROJECT NO.: 46103-E

FACILITY: Buffalo Psychiatric Center

CONTRACTOR:

PROJECT MANAGER:

DESIGN CONSULTANT: IBC Engineering

ENGINEER-IN-CHARGE:

LEGEND

PACK: SUBMITTAL PACKAGE

SD: SHOP DRAWINGS

PD: PRODUCT DATA

EPD: ENVIRONMENTAL PRODUCT DECLARATION

SAM: SAMPLES

QCS: QUALITY CONTROL SUBMITTALS

LEED: LEED SUBMITTALS

CCS: CONTRACT CLOSEOUT SUBMITTALS

SUBMITTAL REVIEW RESPONSIBILITY:
F: OGS FIELD OFFICE
F/O: OGS FIELD OFFICE / OFFICE (ALBANY)
D: CONSULTANT / DESIGNER
S: OGS SCHEDULING DEPARTMENT
RSM: Regional Safety Manager

INSTRUCTIONS TO THE CONTRACTOR

1. Refer to **Section 013300 Submittals** of the Project Manual for general requirements regarding submittals and to **Section 017716 - CONTRACT CLOSEOUT** for project closeout submittals.
2. Refer to Sections of the specifications indicated herein for details of the requirements for each submittal listed.
3. Indicate in the rows (spaces) following each item:
a. Critical submittals and long lead items (mark with an 'X'). Some critical submittals may already be identified by the design team. Confirm that these are critical submittals.
b. The date the item will be submitted, and date approval is required (allow at least 3 weeks), and the date delivery of the material or equipment is necessary for completion of the work in accordance with the Progress Schedule. The date entered for the submittal is the last date a substitution will be considered. Proposed substitutions must be made prior to the date entered if more than one substitution is to be submitted for approval. Spaces which contain N/A do not require dates.
4. An example of a Submittal Transmittal (BDC-42) can be located at: http://www.ogs.ny.gov/BU/DC/forms/ContractorConstForms.asp
5. Submit Contract Closeout Submittals (CCS) prior to final inspection.

INSTRUCTIONS TO THE CONSULTANT / DESIGNER

1. Cut and paste required information from each Division (Div.X) tab and place in the S.O.S. tab.
2. Delete Division (Div.X) tabs after the S.O.S. tab has been in-filled.
3. Indicate F, F/O or D in column E. Items in Div.1 have defaults that can be modified as necessary.
4. Indicate items that are critical submittals in column F.
Note:
The following list of submittals is furnished for your convenience in scheduling submittals. The list is not warranted to be complete and does not take precedence over the contract documents. Enter additional submittals, as required and modify this schedule to the specific project. This S.O.S. will be used to populate the submittals website log.

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SCHEDULE OF SUBMITTALS

PROJECT NO.: 46103-E

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007213			**GENERAL CONDITIONS**					
007213		**PD**	ARTICLE 6: Designate in writing competent supervision and/or management representatives as required - include contact number in case of an emergency after work hours, including weekends and holidays (see 011000 Summary of Work)	F				
007213		**PD**	ARTICLE 8: Permits and licenses	F				
011000			**SUMMARY**					
011000	**1.05.A**	**QCS**	Contractor's List of Subcontractors	F				
011000	**1.05.B**	**QCS**	Preliminary Project Schedule	F				
011000	**1.05.C**	**QCS**	Coordinator Qualifications	F				
011000	**1.09 O**	**SDS**	Safety Data Sheets	F/D	X			
011100			**SAFETY**					
011100	**1.04.A**	**QCS**	Site Specific Safety Plan	RSM				
013113			**PROJECT SCHEDULE**					
013300			**SUBMITTALS**					
013300		**PD**	Schedule of Submittals Acknowledgement	F	X			
013300		**QCS**	Submittal Coordinator Qualifications	F/O	X			
013350			**COMPUTER AIDED DESIGN COORDINATION DRAWINGS**					
013350		**SD**	Coordination Drawings	F/D				
017419			**CONSTRUCTION WASTE MANAGEMENT**					
017419	**1.03.A**	**LEED**	Construction Waste Management Plan	F/O				
017419	**1.04.A.2**	**PD**	In conjunction with payment applications, contractors shall submit a monthly Waste Management submission. This submission shall include waste receipts for the payment period and a completed Waste Management Form for the same payment	F				
017419	**1.04.A.3**	**PD**	Calculations and supporting documentation to demonstrate end-of–project recycling rates meeting the requirements of the Construction Waste Management Plan.	F				
017419		**CCS**	Final Waste Management Report	F				
017716			**CONTRACT CLOSEOUT**					
017716	**1.04**	**CCS**	Project Record Documents	F				
017716	**1.05**	**CCS**	Operation and Maintenance	F				
017716	**1.06**	**CCS**	Warranties	F				
017716	**1.07**	**CCS**	Spare Parts and Maintenance Materials	F				

SCHEDULE OF SUBMITTALS

PROJECT NO.: 46103-E

SUBMITTALS FOR APPROVAL				Send to:	Critical Submittals	Contractor's Projected Dates Allow at least 4 weeks for Approval (allows time for any resubmission)		
Spec Section	Sub Section	Type	Description	F F/O D S	Mark "X" for all that apply	Projected Transmittal Date:	Projected Approval Date:	Projected Delivery Date:
019113			**GENERAL COMMISSIONING**					
019113	**3.2, A.**	**CCS**	Prefunctional Checklist	F				
019113	**3.2, B.**	**CCS**	Prefunctional Checklist	F				
019113	**3.4, B.**	**CCS**	Operation and Maintenacnce Manuals	F				
019113	**3.5**	**CCS**	Training	F				
078100			**APPLIED FIREPROOFING**					
078100	**1.4A**	**PD**	Product Data: Spray fire - resistive materials, Substrate primers, Bonding agent.	D				
078100	**1.4B**	**SD**	Shop Drawings	D				
078100	**1.5A**	**QCS**	Qualifications Data: For Installer	D				
078100	**1.5B**	**QCS**	Product Certificates	D				
078100	**1.5C**	**QCS**	Evaluation Reports: For sprayed fire-resistive material, from ICC-ES	D				
078100	**1.6A**	**CCS**	Installer Qualifications	D				
078400			**FIRESTOPPING**					
078400		**PACK**	Submit the Product Data, Samples, Quality Control Submittals and Firestop Schedule at the same time as a package.	D				
078400	**2.3**	**PD**	Penetration Firestopping Systems	D				
078400	**2.4**	**PD**	Fill Materials	D				
078400	**2.5**	**PD**	Mixing	D				
078400	**1.6.A**	**QCS**	Installer's Qualifications Data	D				
078400	**1.3.B.1**	**QCS**	Engineering Judgements	D				
078400	**1.3.B**	**QCS**	Firestop Schedule	D				
078400	**1.5.A**	**CCS**	Installer Certificates	F				
079200			**JOINT SEALANTS**					
079200	**2.4**	**PD**	Silicone Joint Sealants	D				
079200	**2.5**	**PD**	Mildew-Resistant Joint Sealants	D				
079200		**PD**	Urethane Joint Sealants	D				
079200	**2.6**	**PD**	Acoustical Joint Sealants	D				
079200	**2.3**	**PD**	Security Sealants	D				
079200	**2.7.C**	**SAM**	Bond Breaker Tape	D				
079200	**1.4.B**	**SAM**	Initial Selection: Manufacturer's color charts consisting of strips of cured sealants showing the full range of colors available for each product exposed to view.	D				
079200	**1.4.C**	**SAM**	Verification: For each kind and color of joint sealant required, provide Samples with joint sealants in 1/2-inch-wide joints formed between two 6-inch-long strips of material matching the appearance of exposed surfaces adjacent to joint sealants.	D				
079200	**1.6.A**	**QCS**	Installer's Qualifications Data	D				
079200	**1.4.D**	**QCS**	Joint-Sealant Schedule	D				
079200	**1.5.A**	**QCS**	Qualification Data: For qualified testing agency					
079200	**1.6.B**	**QCS**	Product Test Reports					
079200	**1.5.B**	**QCS**	Preconstruction Field-Adhesion-Test Reports					

SCHEDULE OF SUBMITTALS

PROJECT NO.: 46103-E

SUBMITTALS FOR APPROVAL				Send to:	Critical Submittals	Contractor's Projected Dates Allow at least 4 weeks for Approval (allows time for any resubmission)		
Spec Section	Sub Section	Type	Description	F F/O D S	Mark "X" for all that apply	Projected Transmittal Date:	Projected Approval Date:	Projected Delivery Date:
079200	**1.5.C**	**QCS**	Field-Adhesion-Test Reports					
079200	**1.5.D**	**QCS**	Sample Warranties					
099101			**CONSTRUCTION PAINTING**					
099101	**1.5.A**	**PD**	Paint Materials	D				
099101	**1.5.C**	**SAM**	Initial Selection: For Each Type of Topcoat Product	D				
099101	**3.6**	**QCS**	Painting Schedule	D				
099101	**3.5**	**QCS**	Maintenance Material Submittals	D				
099101	**1.7.B**	**QCS**	Qualification Data: For Installer	D				
260221			**MOTORS AND MOTOR CONTROLLERS**					
260221		**PACK**	Submit the product data, and quality control submittals specified below at the same time as a package	D				
260221	**2.2**	**PD**	Motor Controllers - Identify each controller for use with corresponding motor	D				
260221	**2.2**	**PD**	Motor Controllers - Describe overload devices	D				
260221	**2.2**	**PD**	Motor Controllers - Enumerate and describe all accessories	D				
260221	**3.2**	**PD**	Disconnect Switches	D				
260221	**2.3**	**PD**	Lighting Contactors	D				
260221	**3.3**	**PD**	Low Voltage Fuses	D				
260501			**BASIC ELECTRICAL MATERIALS AND METHODS**					
260501		**SD**	Coordination drawings for sleeves, access panels, and door locations	D				
260501		**PD**	Heat Trace Cable	D				
260501	**3.2**	**PD**	Boxes and cabinets	D				
260501	**2.2**	**PD**	Fire Stopping Materials	D				
260501	**3.6**	**PD**	Arc Flash Hazard Warning Labels	D				
260501	**1.2.A**	**EPD**	Enviromental Product Declaration	D				
260519			**WIRING GENERAL - 600VOLTS AND UNDER**					
260519	**2.2**	**PD**	Metal Clad Cable, Type MC	D				
260519	**2.3**	**PD**	Connectors and Splices	D				
260519	**2.1**	**PD**	Low Voltage Conductors	D				
260519	**3.4.A**	**QCS**	Field Quality-Low Voltage Feeder Test Report					
260526			**SERVICE GROUNDING AND BONDING**					
260526	**2.1**	**PD**	Conductors	D				
260526	**2.1**	**PD**	Connectors	D				
260526		**PD**	Grounding Electrodes	D				
260526	**1.4.A.1**	**QCS**	Field Quality-Control Reports	D				
260526	**3.2.A.3**	**QCS**	Field Quality-Grounding Reports	D				
260532			**INTERIOR RACEWAYS, FITTINGS AND ACCESSORIES**					

SCHEDULE OF SUBMITTALS

PROJECT NO.: 46103-E

SUBMITTALS FOR APPROVAL				Send to:	Critical Submittals	Contractor's Projected Dates Allow at least 4 weeks for Approval (allows time for any resubmission)		
Spec Section	Sub Section	Type	Description	F F/O D S	Mark "X" for all that apply	Projected Transmittal Date:	Projected Approval Date:	Projected Delivery Date:
260532	**2.1**	**PD**	Conduit	D				
260532	**2.2**	**PD**	Cable Trays	D				
260532	**3.5.D**	**PD**	Provide necessary elbows, tees, crosses, risers, offsets, fittings, reducers, connectors, clamps, rod suspension, trapeze hangers, etc., as required to make a complete job, coordinate with the manufacturer.					
260532		**PD**	Cable Hangers					
260532	**1.4.A**	**EPD**	Enviromental Product Declaration	D				
260575			**OVERCURRENT PROTECTIVE DEVICE COORDINATION STUDY**					
260575	**1.3.A**	**PD**	Product Data	D				
260575	**1.3.B**	**QCS**	Product Certificates	D				
260575	**1.3.D.1**	**QCS**	Coordination-Study Specialist Qualifications	D				
260575	**2.3**	**PD**	Potential and Arc Flash Hazard Labeling	D				
260575	**1.3.D.1**	**QCS**	Coordination-study input data, including completed computer program input data sheets.	D				
260575	**1.3.D.2**	**QCS**	Study and Equipment Evaluation Reports	D				
260575	**1.3.D.3**	**QCS**	Coordination-Study Report	D				
262400			**POWER DISTRIBUTION**					
262400	**2.1.B**	**PD**	Thermal Magnetic Molded Case Circuit Breakers	D				
262400	**2.1.C**	**PD**	Electronic Trip Molded Case Circuit Breakers	D				
262400	**2.2**	**PD**	Branch Circuit Panelboards	D				
262400	**2.4**	**PD**	Distribution Panelboards	D				
262400		**PD**	Surge Protective Devices	D				
262400	**2.1**	**PD**	Enclosed Circuit Breakers	D				
262726			**WIRING DEVICES**					
262726	**2.3.A**	**PD**	GFCI Receptacles, 125V, 20A	D				
262726	**2.2**	**PD**	Tamper-resistant Duplex GFCI receptacles, 125V, 20A	D				
262726	**2.1.A**	**PD**	Hospital-Grade Receptacles, 125V, 20A	D				
262726		**PD**	Toggle Switches, 120/277 V, 15 A	D				
262726		**PD**	Toggle Switches, 120/277 V, 20 A	D				
262726	**2.8**	**PD**	Cover Plates	D				
262726		**SAM**	GFCI Receptacles, 125V, 20A	D				
262726		**SAM**	Tamper-resistant Duplex GFCI receptacles, 125V, 20A	D				
262726		**SAM**	Hospital-Grade Receptacles, 125V, 20A	D				
262726		**SAM**	Cover Plates	D				
262726	**3.4**	**QCS**	Field Quality-Testing Reports	D				
262923			**VARIABLE FREQUENCY DRIVES**					
262923	**1.5**	**SD**	Shop Drawings: for each VFC Indicated	D				
262923		**SD**	Coordination Drawings: Indicate field measurements.	D				
262923		**PD**	Controls and Indication	D				
262923	**1.6**	**QCS**	Start-Up Service and Training	F				
262923	**1.7**	**CCS**	Operation and Maintenance Manuals	F				

SCHEDULE OF SUBMITTALS

PROJECT NO.: 46103-E

SUBMITTALS FOR APPROVAL				Send to: F / F/O / D / S	Critical Submittals: Mark "X" for all that apply	Contractor's Projected Dates (Allow at least 4 weeks for Approval (allows time for any resubmission))		
Spec Section	Sub Section	Type	Description			Projected Transmittal Date:	Projected Approval Date:	Projected Delivery Date:
265100			**LIGHTING**					
265100	**1.3.A**	**SD**	Submit shop drawings	D				
265100	**1.3.B**	**PD**	Submit for approval an occupancy sensor layout for each area of the building	D				
265100	**1.3.C**	**QCS**	Submit for approval information detailing startup of the lighting control systems and the individual(s) who will be performing this service.	D				
265100	**1.3.D**	**QCS**	Submit for approval a testing plan for all lighting control systems	D				
265100	**3.13.A**	**QCS**	Warranty Information	D				
265100	**3.11**	**CCS**	Provide spare parts to the owner with sign-off receipt prior to job close-out	F				
271000			**STRUCTURED CABLING**					
271000	**1.4.A**	**PD**	Manufacturers catalog sheets, specifications and installation instructions for all products in this section.	D				
271000	**1.4.C**	**PD**	Fusion splicing kits, pigtails, and splice trays.	D				
271000	**1.4.D**	**QCS**	Test results for all telephone and data UTP cable, and fiber splicing, new fiber cable installations performed in this project.	D				
271100			**COMMUNICATION EQUIPMENT ROOM FITTINGS**					
271100	**2.1 A**	**PD**	Manufacturer Requirements	D				
271100	**2.2**	**PD**	Equipment Racks & Cabinets	D				
271100	**2.3**	**PD**	Power Strips	D				
271100		**PD**	Equipment Shelves	D				
271100	**2.4**	**PD**	Cable Management	D				
271100	**2.6**	**PD**	UTP Patch Panels	D				
271100	**2.9**	**PD**	Telecom Ground Bar (TGB) - Grounding And Bonding	D				
271100	**2.10.**	**PD**	Hook and Loop Wraps	D				
271100	**2.11**	**PD**	Cable Hangers and Supports	D				
271100	**3.10.**	**CCS**	Cleaning Requirements	D				
275116			**PUBLIC ADDRESS SYSTEM**					
275116	**1.3**	**PACK**	Submittals Package: Submit the shop drawings, product data, samples, and quality control submittals specified below at the same time as a package.	D				
275116		**SD**	Shop Drawings: Composite wiring and/or schematic diagrams of the complete system as proposed to be installed (standard diagrams will not be accepted).	D				
275116	**2.1**	**PD**	Public Address System	D				
275116	**3.1.E**	**PD**	Wiring	D				
275116	**1.4.A**	**QCS**	Installer Qualifications	D				
275314			**MODIFICATIONS TO CLOCK SYSTEM**					
275314	**1.3, A.**	**PD**	Product Data	D				

SCHEDULE OF SUBMITTALS

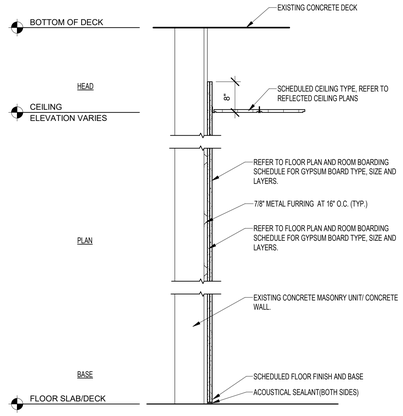
PROJECT NO.: 46103-E

SUBMITTALS FOR APPROVAL				Send to: F / F/O / D / S	Critical Submittals: Mark "X" for all that apply	Contractor's Projected Dates (Allow at least 4 weeks for Approval (allows time for any resubmission))		
Spec Section	Sub Section	Type	Description			Projected Transmittal Date:	Projected Approval Date:	Projected Delivery Date:
275314	1.3, B.	QCS	Operation License	D				
275314	1.4, A.	QCS	Permits	D				
275314	1.4, D.	QCS	Qualifications	D				
281301			SECURITY CONTROL AND MONITORING SYSTEM					
281301	1.5C	PACK	Submittal Package 1: Quality Control	D				
281301	1.5D,E,F	PACK	Submittal Package 2: Product Data, Shap Drawings, and Quality Control	D				
281301	1.5G	PACK	Submittal Package 3: Point-to-Point Wiring Diagrams	D				
281301	1.5H	PACK	Submittal Package 4: Contract Closeout Submittals	D				
281301	1.6A	QCS	UL Listing	D				
281301	1.6B	QCS	Test Facility	D				
281301	1.6C	QCS	Qualifications	D				
281301	1.6D	QCS	Company Field Advisor	D				
281301	1.7A	QCS	Special Warranty	D				
281301	1.7B	QCS	Manufacturer's Warranty	D				
281301	00002	QCS	Copy of NYS Secruity System License	D				
283100			FIRE DETECTION AND ALARM SYSTEM					
283100		PD	Provide product data for all equipment	D				
283100	1.7.B	PD	Provide part numbers with the applicable dash numbers for all equipment	D				
283100	3.3.A.1.2	QCS	Provide pre-test and final testing reports certified by the manufacturer for all systems to be inspected by Project Manager and local authority.	D				
283100	1.7.C	QCS	Provide calculations for sizing all batteries and power supplies.	D				
283100		QCS	Provide documentation of all FACP messages					
283100		QCS	Checkout Report	D				
283100	1.7.D	SD	Provide a complete riser diagram indicating types of devices, number of initiation and signal loop circuits, class of wiring system, and type of wiring and listing for indoor and outdoor use	D				
283100	1.7.E	SD	Architectural floor plans and drawings showing system details	D				
283100	1.7.F	SD	Provide a complete riser diagram	D				
283100	1.8.1	CCS	Copy of NYS Fire Alarm System License	D				
283100	3.3.B	CCS	Statement of Compliance Letter	D				
283100	3.3.D	CCS	Record of Completion Form	D				
283100	3.5	CCS	Cleaning Requirements	D				
283100	3.7	CCS	Record Documentation	D				
282304			VIDEO SURVEILLANCE SYSTEM					
282304	1.7C	PACK	Submittal Package 1: Quality Control	D				
282304	1.7D,E,F	PACK	Submittal Package 2: Product Data, Shap Drawings, and Quality Control	D				
282304	1.7G	PACK	Submittal Package 3: Point-to-Point Wiring Diagrams	D				

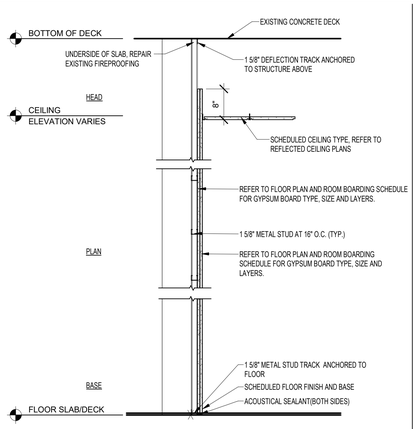
SCHEDULE OF SUBMITTALS

PROJECT NO.: 46103-E

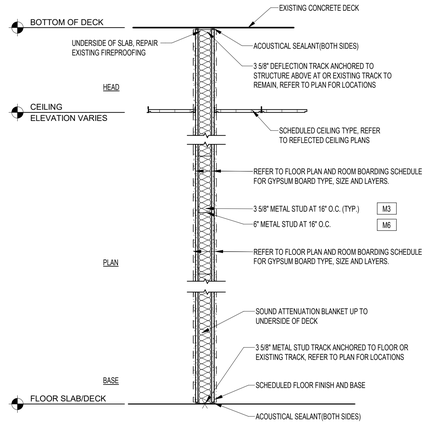
SUBMITTALS FOR APPROVAL				Send to:	Critical Submittals	Contractor's Projected Dates Allow at least 4 weeks for Approval (allows time for any resubmission)		
Spec Section	Sub Section	Type	Description	F F/O D S	Mark "X" for all that apply	Projected Transmittal Date:	Projected Approval Date:	Projected Delivery Date:
282304	**1.7H**	**PACK**	Submittal Package 4: Contract Closeout Submittals	D				
282304	**1.8A**	**QCS**	Equipment Qualifications	D				
282304	**1.8B**	**QCS**	Installer's Qualifications	D				
282304	**1.8C**	**QCS**	Manufacturers' Technical Advisor	D				
282304	**1.8D**	**QCS**	Manufacturers' Technical Advisor (amera Stations)	D				
282304	**1.9A**	**QCS**	Special Warranty	D				



WALL TYPES	FIRE RATING	FIRE TEST DESIGN NO.	APPROX. STC RATING	REMARKS
F1	NON-RATED	---	--	---

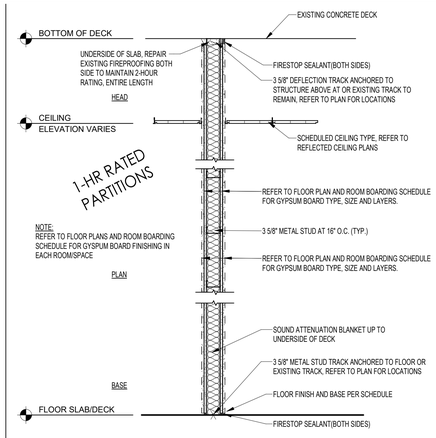


WALL TYPES	FIRE RATING	FIRE TEST DESIGN NO.	APPROX. STC RATING	REMARKS
M1	NON-RATED	---	--	---



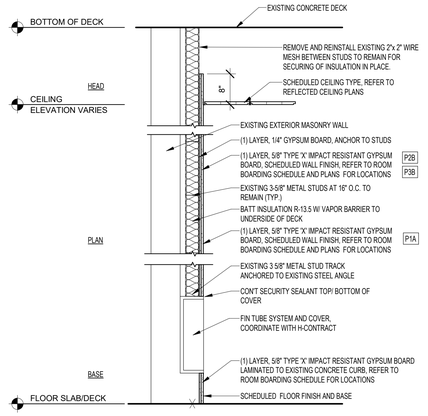
ALL WALLS SHALL GO TO UNDERSIDE OF DECK, UNLESS OTHERWISE NOTED

WALL TYPES	FIRE RATING	FIRE TEST DESIGN NO.	APPROX. STC RATING	REMARKS
M3	NON-RATED	NA	47	PROVIDE 3 5/8" - 20 GA METAL STUDS
M6	NON-RATED	NA	47	PROVIDE 6" - 20 GA METAL STUDS



ALL WALLS SHALL GO TO UNDERSIDE OF DECK, UNLESS OTHERWISE NOTED

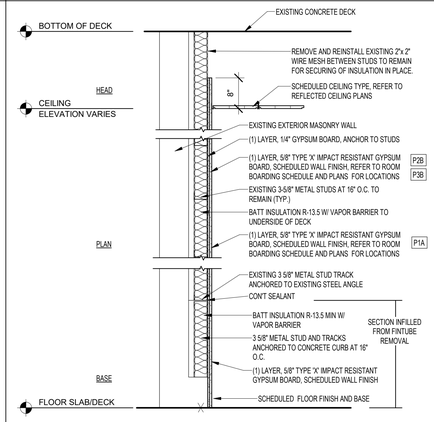
WALL TYPES	FIRE RATING	FIRE TEST DESIGN NO.	APPROX. STC RATING	REMARKS
M3.1	1 HR	UL U419	47	PROVIDE 3 5/8" - 20 GA METAL STUDS CONTINOUS FIRE SEALANT TOP & BOTTOM



ALL WALLS SHALL GO TO UNDERSIDE OF DECK, UNLESS OTHERWISE NOTED

WALL TYPES	FIRE RATING	FIRE TEST DESIGN NO.	APPROX. STC RATING	REMARKS
M4	NON-RATED	---	--	EXISTING METAL STUDS TO REMAIN W/ IMPACT GYPSUM BOARD. LOWER PORTION OF WALL FOR INFILL ENTIRE LENGTH OF WALL AT REMOVED FIN TUBE

1



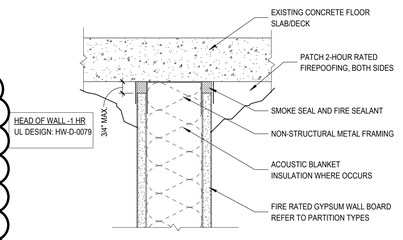
ALL WALLS SHALL GO TO UNDERSIDE OF DECK, UNLESS OTHERWISE NOTED

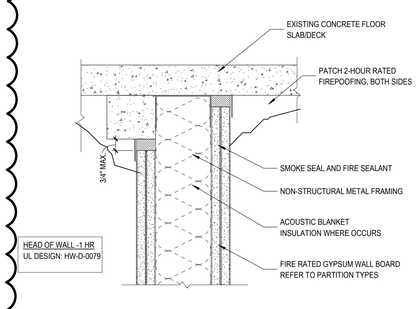
WALL TYPES	FIRE RATING	FIRE TEST DESIGN NO.	APPROX. STC RATING	REMARKS
M2	NON-RATED	---	--	EXISTING 3-5/8" METAL STUDS TO REMAIN REFER TO BOARDING SCHEDULE AND PLANS FOR GYPSUM BOARD TYPE
M2a	NON-RATED	---	--	EXISTING STUD AND GYPSUM BOARD TO REMAIN ABOVE TO REMAIN. PROVIDE SECTION INFILL AT ENTIRE LENGTH OF WALL FROM FINTUBE AND COVER REMOVAL. PATCH INFILL WITH 1/4" GYPSUM BOARD AND 5/8" TYPE 'X' IMPACT RESISTENT GYPSUM BOARD FLUSH WITH EXISTING.

1

GENERAL PARTITION NOTES

1. CONTRACTOR TO REFER TO CODE/LIFE SAFETY DRAWINGS FOR RATED PARTITIONS.
2. ALL METAL STUDS TO BE 20 GA. AT 16" O.C. UNLESS OTHERWISE NOTED.
3. ALL PARTITION EXTEND TO BOTTOM OF CONCRETE FLOOR TO METAL DECK ABOVE UNLESS OTHERWISE INDICATED.
4. FILL FLUTES IN CONCRETE DECK ABOVE PARTITION WITH FIRE SAFING INSULATION AND FIRE STOP ENTIRE PERIMETER AT RATED PARTITIONS, AND EXTERIOR WALLS WITH A UL LISTED JOINT SYSTEM FIRESTOP ASSEMBLY.
5. PROVIDE DEFLECTION TRACKS AT METAL STUD PARTITIONS THAT TERMINATE AT THE UNDERSIDE OF STRUCTURE/ METAL DECK ABOVE.
6. ALL NON-BEARING PARTITIONS SHALL BE CONSTRUCTED TO LIMIT DEFLECTION TO L/362 OF THE SPAN WITH UNIFORM 5 PSF HORIZONTAL LOADING.
7. ALL PENETRATIONS IN FIRE RATED PARTITIONS TO BE FIRE STOPPED AND SEALED.
8. ALL PARTITIONS IN SMOKE BARRIERS SHALL BE SEALED TO PREVENT PASSAGE OF SMOKE. REFER TO CODE COMPLIANCE PLAN, THE SMOKE TIGHT SIDE SHALL BE CONTINUOUS ON THE CORRIDOR OR "PUBLIC" SIDE OF THE WALL.
9. PROVIDE MOISTURE RESISTANT GYPSUM BOARD OR CEMENTIOUS BOARD AT ALL WET LOCATIONS AND AREAS TO RECEIVE WALL TILE, REFER TO SPECIFICATION IN PROJECT MANUAL.
10. PROVIDE DOUBLE FRAMING AT ALL DOOR, WINDOW AND CASED OPENINGS JAMBS AND HEAD CONDITIONS.
11. FOR ALL PARTITIONS, COORDINATE AND PROVIDE BLOCKING FOR ALL BUT NOT LIMITED TO WALL MOUNTED ARCHITECTURAL WOODWORK, FINISH CARPENTRY, TOILET PARTITIONS AND ACCESSORIES, EQUIPMENT, HANDRAILS, HARDWARE AND SIMILAR MOUNTED ITEMS.
12. REFER TO REFLECTED CEILING PLANS AND SCHEDULES FOR CEILING TYPES AND/OR CEILING HEIGHTS.
13. FINISHES (I.E.., CERAMIC TILE, WALL COVERINGS, PAINT, ETC.), ARE NOT INDICATED ON PARTITION TYPES. REFER TO ROOM FINISH SCHEDULE/DRAWINGS.
14. PROVIDE SUPPORT CLIPS / STRAPPING TO PREVENT INSULATION FROM SAGGING AND/OR BECOMING DISLODGED FROM STUD SPACE.
15. AT ALL PARTITIONS, CONTRACTOR TO REMOVE EXISTING FIREPROOFING TO INSTALL TRACK FLUSH TO EXISTING CONCRETE DECK ABOVE AND PATCH FIRE PROOFNG TO MAINTAIN 2-HOUR FLOOR RATING AT BOTH SIDES OF WALL FOR ENTIRE LENGTH OF PARTITION.
16. AT ALL EXISTING PARTITIONS AND TRACKS TO BE REMOVED PER REMOVAL PLANS, PATCH FIREPROOFING TO MAINTAIN 2-HOUR FLOOR RATING FOR ENTIRE LENGTH.





NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT:

dwyer ARCHITECTURAL

IBC Engineering, P.C.

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 JAMES J. WOODYARD 030719 STATE OF NEW YORK

CONTRACT:
CONSTRUCTION

TITLE:
REHABILITATE ADULT LIVING UNITS & HEATING SYSTEM UPGRADES, BUILDING 62

LOCATION:
BUFFALO PSYCHIATRIC CENTER
400 FOREST AVE, BUFFALO, NEW YORK

CLIENT:
NEW YORK STATE OFFICE OF MENTAL HEALTH

MARK	DATE	DESCRIPTION:
1	MAY 20, 2026	ADDENDUM NO. 02
	SEPT. 17, 2025	BID DOCUMENTS

PROJECT NUMBER:	46103 - C
DESIGNED BY:	
DRAWN BY:	KK
FIELD CHECK:	
APPROVED BY:	CD

SHEET TITLE:
PARTITION TYPES, DETAILS & NOTES

DRAWING NUMBER:
A-002

SHEET 15 OF 212

Date: 5/14/26 Time: 7:53:33 AM

DOOR AND FRAME SCHEDULE - 7TH FLOOR

	DOOR						FRAME					GENERAL		
				SIZE						DETAILS				
DOOR NO.	TYPE	MATERIAL	GLAZING	WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	GLAZING	HEAD	JAMB	FIRE LABEL	HARDWARE	REMARKS
N766	NV	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	13.0	
N767	F	WD	PCG-1	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	25.0	
N768	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	25.0	
N770	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	25.0	
N771	NV	WD	PCG-1	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	24.0	
N772	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	25.0	
N776	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	13.0	
N777	NV	WD	PCG-1	3'0"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	13.0	
N778	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
N779	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
N780	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
N781	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
N782	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
N783	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
N784	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
N785	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
N786	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	120 MIN.	9.0	
N787.1	NV	WD	PCG-1	3'6"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	15.0	
N787.2	NV	WD	PCG-1	3'6"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	15.0	
N788	NV	HM	PCG-1	5'8"	7'0"	1 3/4"	HM2	HM	—	2/A-604	1/A-604	SM	17.0	
N790	NV	WD	PCG-1	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	13.0	
N791	HG	WD	PCG-1	3'0"	7'0"	1 3/4"	HM4	HM	PCG-1	2/A-604	1/A-604	SM	13.0	
N792	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	6.0	
N792A	NV	WD	PCG-1	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	3.0	
N793	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	13.0	
N794	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	60 MIN.	9.0	
N795	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	9.0	
N796	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	3.0	
N797	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	3.0	
N798	F	HM	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	9.0	
N799	F	HM	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	9.0	
N7100	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	3.0	
N7101	F	HM	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	9.0	
N7102A	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	3.0	
N7102B	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	3.0	
N7103	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	60 MIN.	9.0	
N7106	NV	WD	PCG-1	5'8"	7'0"	1 3/4"	HM3	HM	—	2/A-604	1/A-604	SM	23.0	
N7107	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
N7108	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
N7109	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
N7110	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
N7111	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
N7112	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
N7113	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
N7114	NV	HM	FG-2	3'0"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	60 MIN.	13.0	
N7115	HG	WD	PCG-1	3'0"	7'0"	1 3/4"	HM7	HM	PCG-1	2/A-604	1/A-604	SM	13.0	
N7117	V	HM	FG-2	3'8"	7'0"	1 3/4"	HM1	HM	—	10/A-604	9/A-604	60 MIN.	26.0	
N7118	HG	WD	PCG-1	3'0"	7'0"	1 3/4"	HM5	HM	PCG-1	2/A-604	1/A-604	SM	13.0	
N7119	HG	WD	PCG-1	3'0"	7'0"	1 3/4"	HM5	HM	PCG-1	2/A-604	1/A-604	SM	13.0	
N7121	HG	WD	PCG-1	3'0"	7'0"	1 3/4"	HM7	HM	PCG-1	2/A-604	1/A-604	SM	13.0	
N7122	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	13.0	
N7123	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	3.0	
N7124	V	HM	FG-2	6'0"	7'0"	1 3/4"	HM3	HM	—	2/A-604	1/A-604	60 MIN.	23.0	
N7125	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	60 MIN.	4.0	
N7126	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	11.0	
N7127.1	NV	HM	PCG-1	3'8"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	15.0	
N7127.2	NV	HM	PCG-1	3'8"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	15.0	
S704.1	NV	HM	PCG-1	3'8"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	15.0	
S704.2	NV	HM	PCG-1	3'8"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	15.0	
S705	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	11.0	
S706	HG	WD	PCG-1	3'0"	7'0"	1 3/4"	HM7	HM	PCG-1	2/A-604	1/A-604	SM	13.0	
S707	V	HM	—	6'0"	7'0"	1 3/4"	HM3	HM	—	8/A-604	7/A-604	60 MIN.	23.0	
S708	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	13.0	
S709	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	60 MIN.	4.0	
S710	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	3.0	
S713	HG	WD	PCG-1	3'0"	7'0"	1 3/4"	HM5	HM	PCG-1	2/A-604	1/A-604	SM	13.0	
S714	HG	WD	PCG-1	3'0"	7'0"	1 3/4"	HM6	HM	PCG-1	2/A-604	1/A-604	SM	13.0	
S715	V	HM	FG-2	3'8"	7'0"	1 3/4"	HM1	HM	—	10/A-604	9/A-604	60 MIN.	26.0	
S716	HG	WD	PCG-1	3'0"	7'0"	1 3/4"	HM7	HM	PCG-1	2/A-604	1/A-604	SM	13.0	
S718	NV	HM	FG-2	3'0"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	60 MIN.	13.0	
S719	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
S720	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
S721	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
S722	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
S723	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
S724	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
S725	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
S727	NV	HM	PCG-1	5'8"	7'0"	1 3/4"	HM3	HM	—	8/A-604	7/A-604	SM	23.0	
S729	NV	WD	PCG-1	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	13.0	
S730	HG	WD	PCG-1	3'0"	7'0"	1 3/4"	HM4	HM	PCG-1	2/A-604	1/A-604	SM	13.0	
S731	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	13.0	
S732	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	9.0	
S733	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	60 MIN.	9.0	
S734	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	6.0	
S734A	NV	WD	PCG-1	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	3.0	
S735	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	3.0	
S736	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	3.0	
S737	F	HM	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	9.0	
S738	F	HM	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	9.0	
S739	F	HM	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	9.0	
S740	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	3.0	
S741A	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	3.0	
S741B	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	3.0	
S742	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	60 MIN.	9.0	
S744	NV	HM	PCG-1	5'8"	7'0"	1 3/4"	HM2	HM	—	2/A-604	1/A-604	SM	17.0	
S745.1	NV	HM	PCG-1	3'6"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	15.0	
S745.2	NV	HM	PCG-1	3'6"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	15.0	
S746	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	120 MIN.	9.0	
S747	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
S748	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
S749	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
S750	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
S751	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
S752	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
S753	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
S754	F	WD	—	3'8"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	1.0	
S755	NV	WD	PCG-1	3'0"	7'0"	1 3/4"	HM1	HM	—	6/A-604	5/A-604	SM	13.0	
S756	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	13.0	
S760	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	25.0	
S761	NV	WD	PCG-1	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	24.0	
S762	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	25.0	
S764	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	25.0	
S765	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	25.0	
S766	HG	WD	PCG-1	3'8"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	13.0	
ST-A7	F	HM	—	3'8"	7'0"	1 3/4"	HM1	HM	—	4/A-604	3/A-604	90 MIN.	22.0	
ST-B7	F	HM	—	3'8"	7'0"	1 3/4"	HM1	HM	—	4/A-604	3/A-604	90 MIN.	22.0	
ST-D7	F	HM	—	3'8"	7'0"	1 3/4"	HM1	HM	—	4/A-604	3/A-604	90 MIN.	22.0	
ST-E7	F	HM	—	3'8"	7'0"	1 3/4"	HM1	HM	—	4/A-604	3/A-604	90 MIN.	22.0	

DOOR AND FRAME SCHEDULE - 8TH FLOOR

	DOOR						FRAME					GENERAL		
				SIZE						DETAILS				
DOOR NO.	TYPE	MATERIAL	GLAZING	WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	GLAZING	HEAD	JAMB	FIRE LABEL	HARDWARE	REMARKS
S805	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	—	7.0	
S806	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	25.0	
S806A	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	8.0	
S810	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	6.0	
S829.1	NV	WD	GL-1	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	18.0	
S829.2	NV	WD	GL-1	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	18.0	
S831	NV	WD	GL-1	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	18.0	
S832	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	16.0	
S833	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	16.0	
S834	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	6.0	
S835	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	6.0	
S836	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	6.0	
S839	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	25.0	
S840	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	6.0	
S841	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	25.0	
S842.1	NV	WD	GL-1	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	18.0	
S842.2	NV	WD	GL-1	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	18.0	
S859	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	16.0	
S860	SM	WD	GL-1	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	SM	25.1	
S862	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	—	25.0	
S863	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	—	25.0	
S864	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	—	25.0	
S865	F	WD	—	3'0"	7'0"	1 3/4"	HM1	HM	—	2/A-604	1/A-604	—	25.0	

GENERAL NOTES

1. REFER TO FLOOR PLANS FOR DOOR SWING DIRECTION.
2. ALL DOORS IN SMOKE PARTITIONS SHALL MEET THE REQUIREMENTS FOR SMOKE TIGHT SEALS UL 1784.
3. PROVIDE 18 GA. STAINLESS STEEL FRAME GUARDS REQUIRED ON THE LATCH SIDE FOR ALL HOLLOW METAL DOOR FRAMES TO 4'-0". RIVET IN PLACE.
4. FOR ALL WALL MOUNTED DOOR-STOPS, PROVIDE FIRE TREATED 2X 6 BLOCKING SPANNING TWO BAYS.
5. COORDINATE HOLD OPEN DEVICES WITH ELECTRICAL AND FIRE ALARM SYSTEMS.
6. REFER TO SPECIFICATION SECTION 081102 FOR HOLLOW METAL DOORS AND FRAMES REQUIREMENTS.
7. REFER TO SPECIFICATION SECTION 081400 FOR WOOD DOOR REQUIREMENTS.
8. REFER TO SPECIFICATION SECTION 087100 FOR DOOR HARDWARE REQUIREMENTS.
9. REFER TO SPECIFICATION SECTIONS 088100, 088400 & 088818 FOR GLAZING REQUIREMENTS.

DOOR ABBREVIATIONS

ETR	EXISTING TO REMAIN
EXIST.	EXISTING
F	FULL
HG	HALF GLASS
HM	HOLLOW METAL
NV	NARROW VISION
ST	SMOKE DOORS
SM	STAIN – FACTORY FINISHED
SS	STAINLESS STEEL
V	VISION
WD	WOOD

GLAZING ABBREVIATIONS

FG	FIRE GLASS
GL	MONOLITHIC GLASS
PCG	POLYCARBONATE GLAZING

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT:

dwyer ARCHITECTURAL

IBC Engineering, P.C.

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 JAMES J. WOODWARD 030710 STATE OF NEW YORK

CONTRACT:

CONSTRUCTION

TITLE:

REHABILITATE ADULT LIVING UNITS & HEATING SYSTEM UPGRADES, BUILDING 62

LOCATION:

BUFFALO PSYCHIATRIC CENTER
400 FOREST AVE, BUFFALO, NEW YORK

CLIENT:

NEW YORK STATE OFFICE OF MENTAL HEALTH

1	MAY 20, 2026	ADDENDUM NO. 02
	SEPT. 17, 2025	BID DOCUMENTS
MARK	DATE	DESCRIPTION:

PROJECT NUMBER:	46103 - C
DESIGNED BY:	
DRAWN BY:	KK
FIELD CHECK:	
APPROVED BY:	CD

SHEET TITLE:

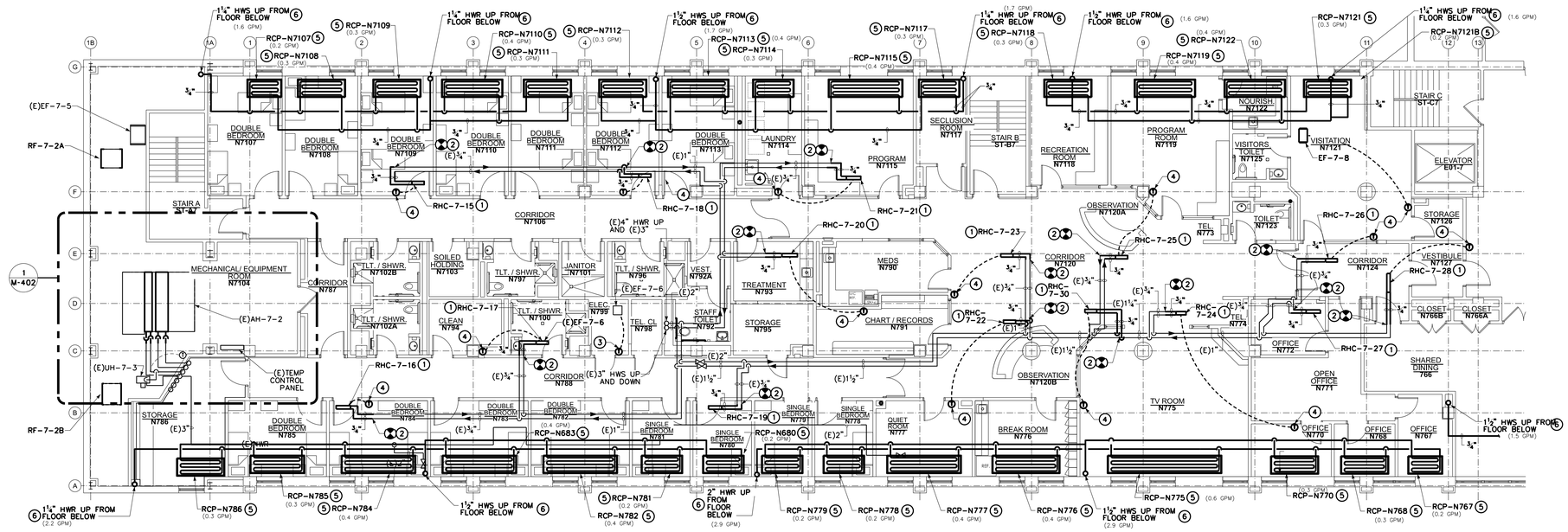
DOOR SCHEDULES

DRAWING NUMBER:

A-603

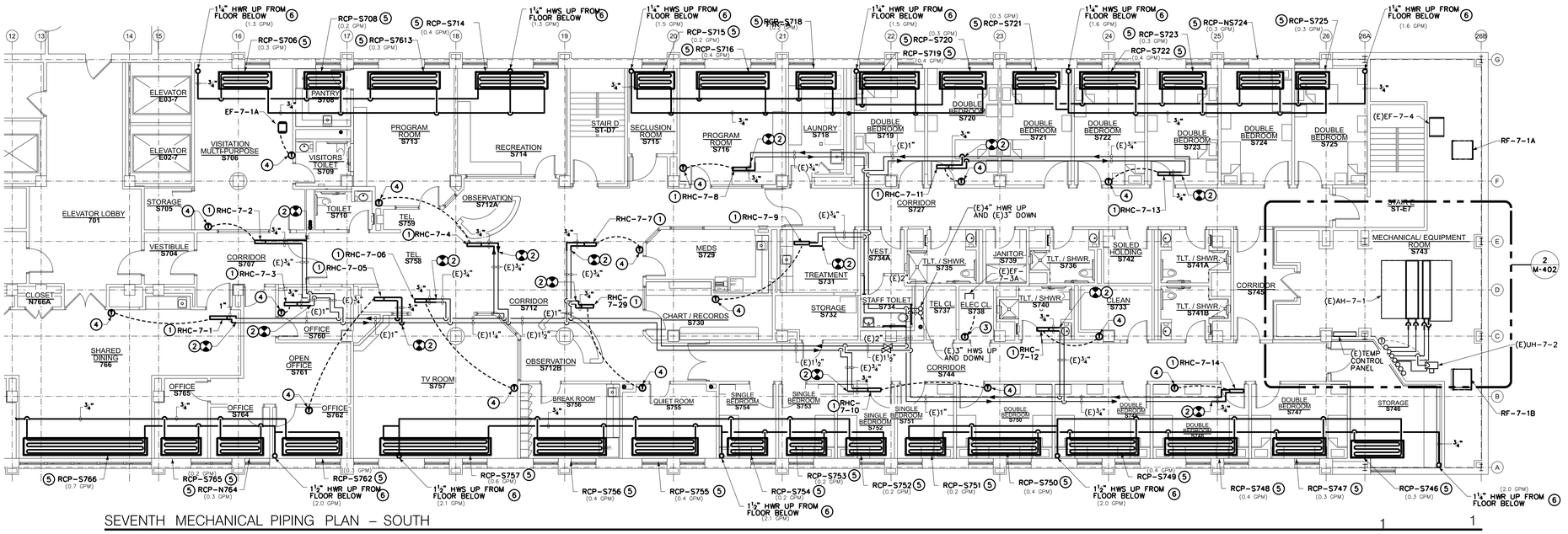
SHEET 59 OF 212

Date 5/15/26 Time 10:27:19 AM



SEVENTH MECHANICAL PIPING PLAN – NORTH 2

⅛" = 1'-0"



SEVENTH MECHANICAL PIPING PLAN – SOUTH 1 1

⅛" = 1'-0"

DRAWING NOTES:

1. PROVIDE REHEAT COIL AT LOCATION INDICATED.
2. CONNECT HWS/R PIPING TO EXISTING AT POINT INDICATED. REPAIR INSULATION.
3. REINSTALL SALVAGED TEMPERATURE SENSOR AT LOCATION INDICATED.
4. PROVIDE NEW TEMPERATURE SENSOR AT LOCATION INDICATED.
5. PROVIDE RADIANT CEILING PANEL AS INDICATED. REFER TO PIPING DETAIL ON M-502.
6. REUSE EXISTING RISER AND PIPING CORE DRILLS THROUGH FLOOR. REFER TO RISER DIAGRAM ON M-801. FOR GRAPHICAL CLARITY PIPING RISER IS SHOWN IN ROOM, BUT IS IN WALL CAVITY. COORDINATE WITH EXISTING CORE DRILLS. PIPING SHALL BE NEW.

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT:

dwyer ARCHITECTURAL

IBC

IBC # 20079
CERTIFICATE OF AUTHORIZATION
16-1494201

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 GEOFFREY ERIC MEAD LICENSED PROFESSIONAL ENGINEER EXP. 04/30/2029 080111

CONTRACT: HVAC

TITLE: REHABILITATE ADULT LIVING UNITS & HEATING SYSTEM UPGRADES, BUILDING 62

LOCATION: BUFFALO PSYCHIATRIC CENTER 400 FOREST AVE, BUFFALO, NEW YORK

CLIENT: NEW YORK STATE OFFICE OF MENTAL HEALTH

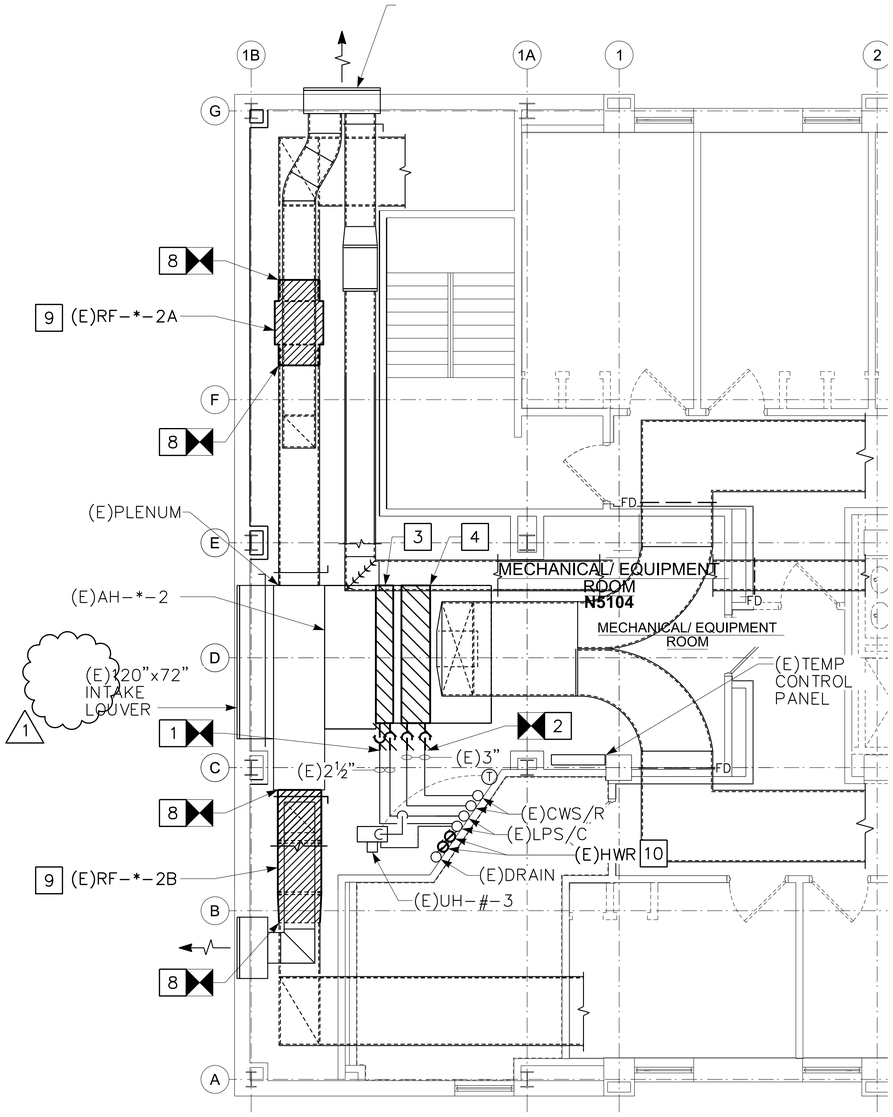
1	MAY 22, 2026	ADDENDUM NO. 02
	SEPT. 17, 2025	BID DOCUMENTS
MARK	DATE	DESCRIPTION:

PROJECT NUMBER:	46103 - H
DESIGNED BY:	RNB/ACC
DRAWN BY:	PP/MMB
FIELD CHECK:	
APPROVED BY:	

SHEET TITLE: **SEVENTH FLOOR MECHANICAL PIPING PLANS - NORTH AND SOUTH**

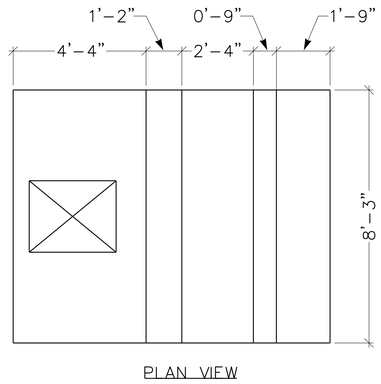
DRAWING NUMBER: **M-127**

SHEET OF

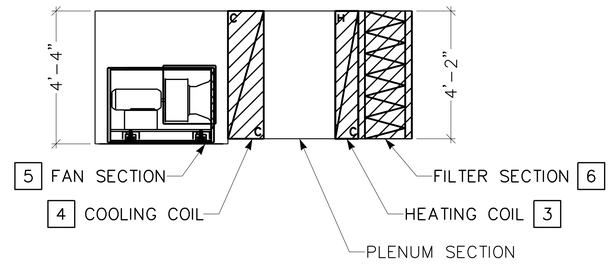


ENLARGED MECHANICAL ROOM PLAN NORTH – HVAC DEMOLITION 1

¼" = 1'-0"



PLAN VIEW



ELEVATION VIEW

TYPICAL AIR HANDLING UNIT – HVAC DEMOLITION 2

½" = 1'-0"

GENERAL SHEET NOTES:

A. NORTH AND SOUTH MECHANICAL ROOMS – MIRROR IMAGE.

B. ALL WORK SHOWN ON THIS DRAWING IS TYPICAL FOR THE FOLLOWING AIR HANDLERS AND THEIR ASSOCIATED RELIEF FANS:
- (E)AH-3-1, RF-3-1A/RF-3-1B
- (E)AH-4-1, RF-4-1A/RF-4-1B
- (E)AH-5-1, RF-5-1A/RF-5-1B
- (E)AH-5-2, RF-5-2A/RF-5-2B
- (E)AH-6-1, RF-6-1A/RF-6-1B
- (E)AH-6-2, RF-6-2A/RF-6-2B
- (E)AH-7-1, RF-7-1A/RF-7-1B
- (E)AH-7-2, RF-7-2A/RF-7-2B
- (E)AH-8-1, RF-8-1A/RF-8-1B

C. ALL EXISTING AIR HANDLERS IN PROJECT SCOPE HAVE IDENTICAL DIMENSIONS. NORTH AND SOUTH WING AIR HANDLERS HAVE MIRRORED UNIT CONFIGURATIONS.

D. CONTRACTOR TO WORK WITH EXISTING AHU MANUFACTURER TO VERIFY DETAILS, DIMENSIONS, COMPATIBILITY OR REPLACEMENT COMPONENTS.

E. RENOVATED AHU SHALL BE DYNAMICALLY BALANCED AFTER REPLACEMENT COMPONENTS ARE INSTALLED, TO AHU MANUFACTURER'S FACTORY SPECIFICATION.

REMOVAL NOTES:

1 DISCONNECT AND REMOVE EXISTING LPS/C PIPING TO POINT SHOWN TO ALLOW FOR THE REMOVAL OF EXISTING HEATING COIL. CAP LPS PIPING VAPOR-TIGHT. CAP LPC PIPING WATER-TIGHT. PREPARE PIPING FOR RECONNECTION IN NEW WORK PHASE.

2 DISCONNECT AND REMOVE EXISTING CWS/R PIPING TO POINT SHOWN TO ALLOW FOR THE REMOVAL OF EXISTING COOLING COIL. CAP PIPING WATER-TIGHT. PREPARE PIPING FOR RECONNECTION IN NEW WORK PHASE.

3 REMOVE EXISTING HEATING COIL IN ITS ENTIRETY INCLUDING COIL DRAIN PAN. PREPARE AIR HANDLER FOR REPLACEMENT COIL. EXISTING CONTROL VALVE TO REMAIN.

4 REMOVE EXISTING COOLING COIL IN ITS ENTIRETY. PREPARE AIR HANDLER FOR REPLACEMENT COIL. EXISTING CONTROL VALVE TO REMAIN.

5 DISCONNECT AND REMOVE FAN MOTOR AND ALL BELTS, SHEAVES, FAN WHEEL, PULLEYS, SHAFTS, BEARINGS ASSOCIATED WITH EXISTING AIR HANDLER SUPPLY FAN. HOUSING TO REMAIN.

6 REMOVE EXISTING PRE-FILTERS AND FINAL FILTERS ASSOCIATED WITH EXISTING AIR HANDLER. PREPARE AIR HANDLER FOR REPLACEMENT FILTERS.

1 7 NOT USED.

8 DISICONNECT AND REMOVE EXISTING DUCTWORK AND ACCESSORIES TO POINT SHOWN.

9 REMOVE EXISTING RELIEF AIR FAN AND ALL ASSOCIATED ACCESSORIES AND CONTROLS COMPLETE.

10 DISCONNECT AND REMOVE EXISTING HWS/HWR PIPING RISER IN ENTIRETY. OPENING TO REMAIN FOR RE-USE.

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT:

dwyer ARCHITECTURAL

IBC # 20079
CERTIFICATE OF AUTHORIZATION
16-1494201

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 · GEOFFREY ERIC HEAD · LICENSED PROFESSIONAL ENGINEER · EXP. 04/30/2029 · 080111 · PROFESSIONAL ENGINEER

CONTRACT: HVAC

TITLE: REHABILITATE ADULT LIVING UNITS & HEATING SYSTEM UPGRADES, BUILDING 62

LOCATION: BUFFALO PSYCHIATRIC CENTER 400 FOREST AVE, BUFFALO, NEW YORK

CLIENT: NEW YORK STATE OFFICE OF MENTAL HEALTH

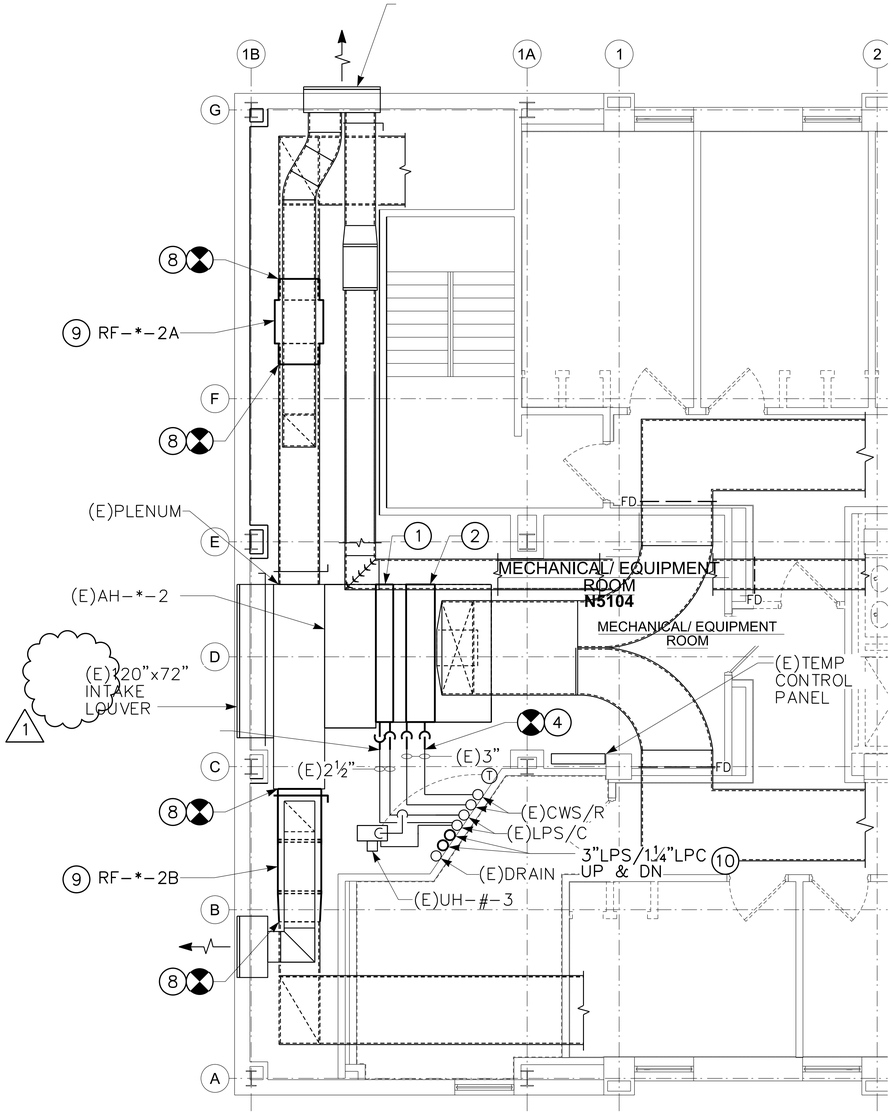
1	MAY 22, 2026	ADDENDUM NO. 02
	SEPT. 17, 2025	BID DOCUMENTS
MARK:	DATE:	DESCRIPTION:

PROJECT NUMBER:	46103 - H
DESIGNED BY:	RNB/ACC
DRAWN BY:	PP/MMB
FIELD CHECK:	
APPROVED BY:	

SHEET TITLE: **ENLARGED MECHANICAL ROOM PLANS - HVAC DEMOLITION**

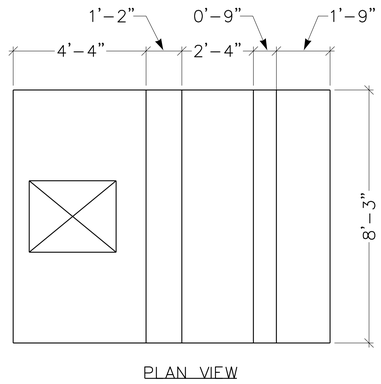
DRAWING NUMBER: **M-401**

SHEET OF

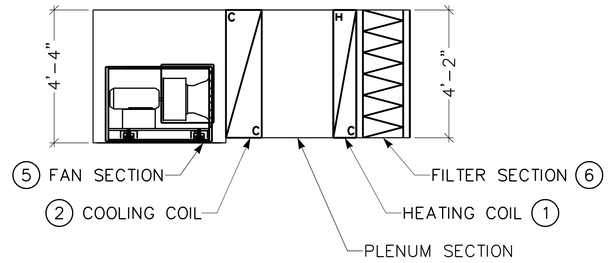


ENLARGED MECHANICAL ROOM PLAN NORTH – HVAC NEW WORK 1

¼" = 1'-0"



PLAN VIEW



ELEVATION VIEW

TYPICAL AIR HANDLING UNIT – HVAC NEW WORK 2

½" = 1'-0"

GENERAL SHEET NOTES:

A. NORTH AND SOUTH MECHANICAL ROOMS – MIRROR IMAGE.

B. ALL WORK SHOWN ON THIS DRAWING IS TYPICAL FOR THE FOLLOWING AIR HANDLERS AND THEIR ASSOCIATED RELIEF FANS:
- (E)AH-3-1, RF-3-1A/RF-3-1B
- (E)AH-4-1, RF-4-1A/RF-4-1B
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- (E)AH-5-2, RF-5-2A/RF-5-2B
- (E)AH-6-1, RF-6-1A/RF-6-1B
- (E)AH-6-2, RF-6-2A/RF-6-2B
- (E)AH-7-1, RF-7-1A/RF-7-1B
- (E)AH-7-2, RF-7-2A/RF-7-2B
- (E)AH-8-1, RF-8-1A/RF-8-1B

C. ALL EXISTING AIR HANDLERS IN PROJECT SCOPE HAVE IDENTICAL DIMENSIONS. NORTH AND SOUTH WING AIR HANDLERS HAVE MIRRORED UNIT CONFIGURATIONS.

DRAWING NOTES:

1. PROVIDE NEW AIR HANDLER HEATING COIL AT LOCATION SHOWN.
2. PROVIDE NEW AIR HANDLER COOLING COIL AT LOCATION SHOWN. PROVIDE NEW COOLING COIL DRAIN PAN.
3. PROVIDE CONNECTION TO EXISTING HWS/R PIPING AT LOCATION SHOWN.
4. PROVIDE CONNECTION TO EXISTING CWS/R PIPING AT LOCATION SHOWN.
5. PROVIDE NEW FAN MOTOR AND REPLACE ALL BELTS, SHEAVES, PULLEYS, SHAFTS, FAN WHEEL, AND BEARINGS PER DEMOLITION WORK. PROVIDE NEW ASD FOR BALANCING PURPOSES. PROVIDE DYNAMIC BALANCING FOR FAN/MOTOR ASSEMBLY AND BALANCE FAN SYSTEMS AS REQUIRED FOR NEW AIRFLOWS.
6. PROVIDE NEW PRE-FILTERS AND FINAL FILTERS FOR EXISTING AIR HANDLER.
7. NOT USED.
8. PROVIDE CONNECTION TO EXISTING DUCTWORK AT LOCATION SHOWN.
9. PROVIDE INLINE RELIEF FAN AT LOCATION SHOWN.
10. PROVIDE 3" LPS/1 1/4" LPC PIPING AT LOCATION SHOWN. RE-USE EXISTING OPENING.

1

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT:

dwyer ARCHITECTURAL

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CONTRACT:
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PROJECT NUMBER:	46103 - H
DESIGNED BY:	
DRAWN BY:	
FIELD CHECK:	
APPROVED BY:	

SHEET TITLE:
ENLARGED MECHANICAL ROOM PLANS - HVAC

DRAWING NUMBER:
M-402

SHEET OF