

ADDENDUM NO. 2
to
CONTRACT DOCUMENTS

for
**DOOR REPLACEMENT AT
WILDWOOD MIDDLE SCHOOL / HIGH SCHOOL**
located at 4300 Pacific Avenue, Wildwood, NJ 08260

**AND
GLENWOOD AVENUE ELEMENTARY SCHOOL**
located at 2900 New York Avenue, Wildwood, NJ 08260

for the
WILDWOOD CITY BOARD OF EDUCATION
Wildwood, Cape May County, New Jersey

Issued: December 16, 2024

FVHD PROJECT #5604

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License No. 21A101706000

INTENT:

This Document supersedes all conflicting and contrary information in said Bid Documents. Said documents are hereby amended in certain particulars as described herein after. Unless specifically noted or specified hereinafter all work shall conform to the applicable provisions of the Bid Documents. Bidders shall acknowledge receiving this document and previously issued Addendum No. 1 on the Bid Proposal Form.

This Addendum includes three (3) pages and the following:

1. Pre-Bid Meeting Sign-In Sheet, 1-page.
2. New Specification Section: 08700, 18-pages.
3. Revised Drawing(s): A101, A102, A103, A601.

REQUESTS FOR INFORMATION (RFI'S)

1. Question: On A601, it has door schedule notes. Note #5 calls for a security film to be applied as indicated. Looking at door schedule on same page, no door has note #5. Wanted to clarify that no door will receive security film.

Response: Refer to revised Drawing A601 for applicable references to the security window film.

2. Question: On A601, in Door Schedule Notes #6 and #8, it makes reference to the Owner providing their Security Vendor. When the successful Bidder is awarded, will Owner coordinate with Security Vendor to disconnect and reconnect as needed?

Response: Refer to revised Drawing A601, Door Schedule Notes #6.

3. Question: Are the Subcontractors responsible for uninstalling and reinstalling security cameras, or do you have vendors for that?

Response: The existing security cameras are not affected by the Work.

REFER TO DRAWINGS

The following Drawings and/or Sketches are attached to this Addendum:

DRAWING NO. TITLE

A101	WILDWOOD HIGH SCHOOL / MIDDLE SCHOOL PARTIAL FIRST FLOOR DEMOLITION AND FLOOR PLAN
A102	WILDWOOD HIGH SCHOOL / MIDDLE SCHOOL PARTIAL FIRST FLOOR DEMOLITION AND FLOOR PLAN
A103	GLENWOOD AVE. ELEMENTARY SCHOOL FIRST FLOOR DEMOLITION PLAN
A601	DOOR SCHEDULE, DOOR TYPES, FRAME TYPES, HEAD, JAMB, SADDLE AND SILL DETAILS

THE FOLLOWING DRAWINGS TO BE REVISED OR CORRECTED AS FOLLOWS:

DRAWING NO. CHANGES AND CORRECTIONS

A101, A102, A103, A601	Delete the referenced drawings in their entirety and substitute with the enclosed revised drawings.
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REFER TO SPECIFICATIONS

TABLE OF CONTENTS

Under Part - 2 General Construction Work, add the following new section which is attached to this Addendum:

08700 Door Hardware, 18 pages.

PART 2 - SECTION 08700 - DOOR HARDWARE

Add new Section 08700, attached to this Addendum.

END OF ADDENDUM NO. 2



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PROJECT NAME: Door Replacement at Wildwood HS/MS and
Glenwood Ave. ES for Wildwood City SD

DATE: Tues, Dec 10, 2024 at 3:00 PM
FVHD PROJECT#: 5604

PRE-BID SIGN-IN SHEET

REPRESENTATIVE NAME (Please Print)	COMPANY NAME & ADDRESS	CONTRACT NUMBER	TELEPHONE#	FAX#	E-MAIL
Xavier Ferren	Kavi Construction 50 Ferry Harbor Rd	856 244 0285	856- 244- 0285		Xferren@Kavi.construction. .com

SECTION 08700 - DOOR 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.
- B. Door hardware includes, but is not necessarily limited to, the following:
 - 1. Mechanical door hardware.
 - 2. Electromechanical door hardware.
- C. Related Sections:
 - 1. Division 08 Section "Hollow Metal Doors and Frames".
 - 2. Division 08 Section "Flush Wood Doors".
 - 3. Division 08 Section "Aluminum-Framed Entrances and Storefronts".
- 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. ICC/IBC - International Building Code.
 - 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.

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. Shop Drawings: Details of electrified access control hardware indicating the following:
 - 1. Wiring Diagrams: Upon receipt of approved schedules, submit detailed system wiring diagrams for power, signaling, monitoring, communication, and control of the access control system electrified hardware. Differentiate between manufacturer-installed and field-installed wiring. Include the following:
 - a. Elevation diagram of each unique access controlled opening showing location and interconnection of major system components with respect to their placement in the respective door openings.
 - b. Complete (risers, point-to-point) access control system block wiring diagrams.
 - c. Wiring instructions for each electronic component scheduled herein.
 - 2. Electrical Coordination: Coordinate with related sections the voltages and wiring details required at electrically controlled and operated hardware openings.

- D. 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.
- E. 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.

1.4 CLOSEOUT SUBMITTALS

- A. 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.
- B. Project Record Documents: Provide record documentation of as-built door hardware sets in digital format (.pdf, .docx, .xlsx, .csv) and as required in Division 01, Project Record Documents.

1.5 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 indicating compliance with the referenced testing standards.
- G. Keying Conference: Conduct conference to comply with requirements in Division 01 Section "Project Meetings." Keying 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 other trades.
 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. At completion of installation, provide written documentation that components were applied according to manufacturer's instructions and recommendations and according to approved schedule.

1.6 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. 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".

1.7 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 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.

1.8 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 Bid Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Bid 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. Warranty Period: Unless otherwise indicated, warranty shall be **one (1) year** from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 CONTINUOUS HINGES

- A. Continuous Geared Hinges: ANSI/BHMA A156.26 Grade 1-600 continuous geared hinge. with minimum 0.120-inch thick extruded 6063-T6 aluminum alloy hinge leaves and a minimum overall width of 4 inches. Hinges are non-handed, reversible and fabricated to template screw locations. Factory trim hinges to suit door height and prepare for electrical cut-outs.
 - 1. Manufacturers:
 - a. Hager Companies (HA).
 - b. Pemko (PE).
 - c. Select Hinges (SL).
 - d. Approved Equal

2.2 POWER TRANSFER DEVICES

- A. Electric Door Wire Harnesses: Provide electric/data transfer wiring harnesses with standardized plug connectors to accommodate up to twelve (12) wires. Connectors plug directly to through-door wiring harnesses for connection to electric locking devices and power supplies. Provide sufficient number and type of concealed wires to accommodate electric function of specified hardware. Provide a connector for through-door electronic locking devices and from hinge to junction box above the opening. Wire nut connections are not acceptable. Determine the length required for each electrified hardware component for the door type, size and construction, minimum of two per electrified opening.
1. Provide one each of the following tools as part of the base bid Contract:
 - a. McKinney (MK) - Electrical Connecting Kit: QC-R001.
 - b. McKinney (MK) - Connector Hand Tool: QC-R003.
 2. Manufacturers:
 - a. McKinney (MK) - QC-C Series.
 - b. Approved Equal.

2.3 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. 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.
- C. 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.
- D. 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).

- E. Construction Keying: Provide construction master keyed cylinders.
- F. 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.

2.4 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.
- 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.

2.5 ELECTRIC STRIKES

- A. Surface Mounted Rim Electric Strikes: Surface mounted rim exit device electric strikes conforming to ANSI/BHMA A156.31, Grade 1, and UL Listed for both Burglary Resistance and for use on fire rated door assemblies. Construction includes internally mounted solenoid with two heavy-duty, stainless steel locking mechanisms operating independently to provide tamper resistance. Strikes tested for a minimum of 500,000 operating cycles. Provide strikes with 12 or 24 VDC capability supplied standard as fail-secure unless otherwise specified. Option available for latchbolt and latchbolt strike monitoring indicating both the position of the latchbolt and locked condition of the strike. Strike requires no cutting to the jamb prior to installation.
 - 1. Manufacturers:
 - a. HES (HS) - 9400/9500/9600/9700/9800 Series.
 - b. Approved Equal.
- B. Provide electric strikes with in-line power controller and surge suppressor by the same manufacturer as the strike with the combined products having a **five (5) year warranty**.

2.6 CONVENTIONAL EXIT DEVICES

- A. General Requirements: All exit devices specified herein shall meet or exceed the following criteria:
1. Exit devices shall have a **five (5) year warranty**.
 2. 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.
 3. 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.
 4. Except on fire rated doors, provide exit devices with hex key dogging device to hold the pushbar and latch in a retracted position. Provide optional keyed cylinder dogging on devices where specified in Hardware Sets.
 5. 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.
 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. Rail Sizing: Provide exit device rails factory sized for proper door width application.
 11. 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 exit devices. Listed manufacturers shall meet all functions and features as specified herein.
1. Provide exit devices with functions and features as follows:
 - a. Where required by code, provide knurling or abrasive coating on all levers leading to hazardous areas.
 - b. Meets UL and CUL Standard 10C Positive Pressure, Fire Test of Door Assemblies with levers that meet A117.1 Accessibility Code.
 - c. No catch points: addition of applied deflectors or other added components are not allowed.
 - d. No visible plastic.

- e. Heavy duty end caps with flush and overlapping options made of stainless steel, brass, or bronze with architectural finishes.
 - f. Constructed of all stainless steel.
 - g. Stainless steel pullman type latch with deadlock feature.
 - h. Narrow or wide style exterior trim as specified in the hardware sets.
 - i. Center case adjustability on concealed vertical rod exit devices; single operation with hex key individually adjusts top or bottom latches. No retainer screws or clips required to maintain adjustment.
 - j. Ten-year limited warranty for mechanical features.
2. Manufacturers:
- a. Corbin Russwin Hardware (RU) - PED4000 / PED5000 Series.
 - b. Sargent Manufacturing (SA) - PE80 Series.
 - c. Approved Equal.
- C. Steel Removable Mullions: ANSI/BHMA A156.3 steel removable mullions with options for fire rating, locking, through-wire electrification and hurricane compliance, as specified.
1. Provide mullions with functions and features as follows:
- a. At openings designed for severe wind load conditions due to hurricanes or tornadoes, provide manufacturer's certified mullion and accessories to meet applicable state and local windstorm codes.
 - b. Provide keyed removable feature where specified in the Hardware Sets.
 - c. Provide stabilizers and mounting brackets, as required.
 - d. Provide electrical quick connection wiring options as specified in the hardware sets.

2.7 SURFACE 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 UL listed for use of fire rated doors.
 - 3. 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.
 - 4. Closer Arms: Provide heavy duty, forged steel closer arms unless otherwise indicated in Hardware Sets.
 - 5. Closers shall not be installed on exterior or corridor side of doors; where possible install closers on door for optimum aesthetics.
 - 6. 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 (Unitrol): ANSI/BHMA A156.4, Grade 1 Certified Products Directory (CPD) listed surface mounted closers with door stop mechanism to absorb dead stop shock on arm and top hinge. Hold-open arms to have a spring loaded mechanism in addition to shock absorber assembly. Arms to be provided with rigid steel main arm and secondary arm lengths proportional to the door width.
 - 1. Manufacturers:
 - a. ASSA ABLOY ACCENTRA, formerly known as Yale (YA) - Unitrol Series.
 - b. Corbin Russwin Hardware (RU) - Unitrol Series.
 - c. Norton Rixson (NO) - Unitrol Series.
 - d. Approved Equals.

2.8 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 NFPA 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. National Guard Products (NG).
 - 2. Pemko (PE).
 - 3. Reese Enterprises, Inc. (RE).
 - 4. Approved Equals.

2.9 ELECTRONIC ACCESSORIES

- A. Door Position Switches: Door position magnetic reed contact switches specifically designed for use in commercial door applications. On recessed models the contact and magnetic housing snap-lock into a 1" diameter hole. Surface mounted models include wide gap distance design complete with armored flex cabling. Provide SPDT, N/O switches with optional Rare Earth Magnet installation on steel doors with flush top channels.
 - 1. Manufacturers:
 - a. Sargent Manufacturing (SA) - 3280 Series.
 - b. Securitron (SU) - DPS Series.
 - c. Approved Equals

2.10 FABRICATION

- A. Fasteners: Provide door hardware manufactured to comply with published templates generally prepared for machine, wood, and sheet metal screws. Provide screws according to manufacturers recognized installation standards for application intended.

2.11 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 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. Push Plates and Door Pulls: When through-bolt fasteners are in the same location as a push plate, countersink the fasteners flush with the door face allowing the push plate to sit flat against the door.
- E. Thresholds: Set thresholds for exterior and acoustical doors in full bed of sealant complying with requirements specified in Division 7 Section "Joint Sealants."
- F. 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 FIELD QUALITY CONTROL

- A. Field Inspection (Punch Report): Reference Division 01 Sections "Closeout Procedures". Produce project punch report for each installed door opening indicating compliance with approved submittals and verification hardware is properly installed, operating and adjusted. Include list of items to be completed and corrected, indicating the reasons or deficiencies causing the Work to be incomplete or rejected.
 - 1. Organization of List: Include separate Door Opening and Deficiencies and Corrective Action Lists organized by Mark, Opening Remarks and Comments, and related Opening Images and Video Recordings.

3.5 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.

3.6 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.

3.7 DEMONSTRATION

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

3.8 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.
 - 4. At existing openings with new hardware the supplier shall field inspect existing conditions prior to the submittal stage to verify the specified hardware will work as required. Provide alternate solutions and proposals as needed.
- B. Manufacturer's Abbreviations:
 - 1. PE – Pemko
 - 2. SA – SARGENT
 - 3. RU - Corbin Russwin
 - 4. HS – HES
 - 5. OT – Other
 - 6. NO – Norton
 - 7. MK – McKinney

- 8. YA - ASSA ABLOY ACCENTRA
- 9. SU – Securitron

Hardware Sets

Set: 1.0

Doors: 101-2, 102-2

1 Continuous Hinge	CFM__HD1		PE	087100
1 Rim Exit Device, Nightlatch	PED5257 M52 K157ET	630	RU	087100
2 Keyed Cylinder	Match existing keying system	US32D	SA	087100
1 Flush Pull	By FRP Door Supplier		OT	
1 Surface Closer	UNI7500	689	NO	087100
1 Rain Guard	346C TKSP		PE	087100
1 Gasketing	303AV TKSP x Head and Jambs		PE	087100
1 Sweep	3452CNB TKSP		PE	087100
1 Threshold	253x3AFG MSES25SS		PE	087100

Set: 2.0

Doors: 111-2

1 Continuous Hinge	CFM__HD1		PE	087100
1 Rim Exit Device, Nightlatch	PED5257 M52 K157ET	630	RU	087100
2 Keyed Cylinder	Match existing keying system	US32D	SA	087100
1 Electric Strike	9600-LBM	630	HS	087100
⚡				
1 ElectroLynx Adaptor	2004M		HS	087100
⚡				
1 SMART Pac Bridge Rectifier	2005M3		HS	087100
⚡				
1 Flush Pull	By FRP Door Supplier		OT	
1 Surface Closer	UNI7500	689	NO	087100
1 Rain Guard	346C TKSP		PE	087100
1 Gasketing	303AV TKSP x Head and Jambs		PE	087100
1 Sweep	3452CNB TKSP		PE	087100
1 Threshold	253x3AFG MSES25SS		PE	087100
1 ElectroLynx Harness	QC-C1500P		MK	087100
⚡				
1 Wiring Diagram	WD-SYSPK		YA	087100
1 Card Reader	Re-Use Existing		OT	
1 Position Switch	DPS-M-BK		SU	087100
⚡				
1 Power Supply	AQD4-8C8R2		SU	087100
⚡				

Notes: Operational Narrative:

- 1. Door normally closed and secure.
- 2. Authorized access by card reader releasing electric strike. Strike can remain released for open access.
- 3. Egress free for immediate exit.

4. Electric strike latch bolt switch monitors door open/closed/latched status.
5. Electric strike remains locked (fail secure) in event of power loss. Keyed cylinder override for emergency access.

Set: 3.0

Doors: 119-3

1 Continuous Hinge	CFM__HD1		PE	087100
1 Rim Exit Device, Nightlatch	PED5257 M52 K157ET	630	RU	087100
2 Keyed Cylinder	Match existing keying system	US32D	SA	087100
1 Flush Pull	By FRP Door Supplier		OT	
1 Surface Closer	UNI7500	689	NO	087100
1 Rain Guard	346C TKSP		PE	087100
1 Gasketing	303AV TKSP x Head and Jambs		PE	087100
1 Sweep	3452CNB TKSP		PE	087100
1 Threshold	253x3AFG MSES25SS		PE	087100

Set: 4.0

Doors: 119A-2, S2-2

2 Continuous Hinge	CFM__HD1		PE	087100
1 Mullion	L980S	PC	SA	087100
2 Rim Exit Device, Nightlatch	PED5257 M52 K157ET	630	RU	087100
5 Keyed Cylinder	Match existing keying system	US32D	SA	087100
1 Mullion Cylinder Kit	980C2	US26D	SA	087100
2 Flush Pull	By FRP Door Supplier		OT	
2 Surface Closer	UNI7500	689	NO	087100
1 Rain Guard	346C TKSP		PE	087100
1 Gasketing	303AV TKSP x Head and Jambs		PE	087100
1 Mullion Gasketing	5110BL		PE	087100
2 Sweep	3452CNB TKSP		PE	087100
1 Threshold	253x3AFG MSES25SS		PE	087100

Set: 5.0

Doors: C1, S1-2, V1-1

2 Continuous Hinge	CFM__HD1		PE	087100
1 Electrified Mullion	EL980	US28	SA	087100
⚡				
2 Rim Exit Device, Nightlatch	PED5257 M52 K157ET	630	RU	087100
5 Keyed Cylinder	Match existing keying system	US32D	SA	087100
1 Mullion Cylinder Kit	980C2	US26D	SA	087100
2 Electric Strike	9600-LBM	630	HS	087100
⚡				
2 ElectroLynx Adaptor	2004M		HS	087100
⚡				
2 SMART Pac Bridge Rectifier	2005M3		HS	087100
⚡				
2 Flush Pull	By FRP Door Supplier		OT	

2 Surface Closer	UNI7500	689	NO	087100
1 Rain Guard	346C TKSP		PE	087100
1 Gasketing	303AV TKSP x Head and Jambs		PE	087100
1 Mullion Gasketing	5110BL		PE	087100
2 Sweep	3452CNB TKSP		PE	087100
1 Threshold	253x3AFG MSES25SS		PE	087100
2 ElectroLynx Harness	QC-C1500P		MK	087100
⚡				
1 Wiring Diagram	WD-SYSPK		YA	087100
1 Card Reader	Re-Use Existing		OT	
2 Position Switch	DPS-M-BK		SU	087100
⚡				
1 Power Supply	AQD4-8C8R2		SU	087100
⚡				

Notes:

Operational Narrative:

1. Door normally closed and secure.
2. Authorized access by card reader releasing electric strike. Strike can remain released for open access.
3. Egress free for immediate exit.
4. Electric strike latch bolt switch monitors door open/closed/latched status.
5. Electric strike remains locked (fail secure) in event of power loss. Keyed cylinder override for emergency access.

Set: 6.0

Doors: L1-4, L1-6, V1-2

2 Continuous Hinge	CFM__HD1		PE	087100
1 Electrified Mullion	EL980	US28	SA	087100
⚡				
2 Rim Exit Device, Nightlatch	PED5257 A K157ET	630	RU	087100
3 Keyed Cylinder	Match existing keying system	US32D	SA	087100
1 Mullion Cylinder Kit	980C2	US26D	SA	087100
2 Electric Strike	9600-LBM	630	HS	087100
⚡				
2 ElectroLynx Adaptor	2004M		HS	087100
⚡				
2 SMART Pac Bridge Rectifier	2005M3		HS	087100
⚡				
2 Flush Pull	By FRP Door Supplier		OT	
2 Surface Closer	UNI7500	689	NO	087100
1 Mullion Gasketing	5110BL		PE	087100
1 Gasketing	S88BL x Head and Jambs		PE	087100
2 Sweep	3452CNB TKSP		PE	087100
2 ElectroLynx Harness	QC-C1500P		MK	087100
⚡				
1 Wiring Diagram	WD-SYSPK		YA	087100
1 Card Reader	Re-Use Existing		OT	
2 Position Switch	DPS-M-BK		SU	087100
⚡				

1 Power Supply	AQD4-8C8R2	SU	087100
⚡			

Notes: Operational Narrative:

1. Door normally closed and secure.
2. Authorized access by card reader releasing electric strike. Strike can remain released for open access.
3. Egress free for immediate exit.
4. Electric strike latch bolt switch monitors door open/closed/latched status.
5. Electric strike remains locked (fail secure) in event of power loss. Keyed cylinder override for emergency access.

Set: 7.0

Doors: 110-2, C5-3

2 Continuous Hinge	CFM__HD1		PE	087100
1 Mullion	L980S	PC	SA	087100
2 Rim Exit Device, Nightlatch	PED5257 M52 K157ET	630	RU	087100
5 Keyed Cylinder	Match existing keying system	US32D	SA	087100
1 Mullion Cylinder Kit	980C2	US26D	SA	087100
2 Flush Pull	By FRP Door Supplier		OT	
2 Surface Closer	UNI7500	689	NO	087100
1 Rain Guard	346C TKSP		PE	087100
1 Mullion Gasketing	5110BL		PE	087100
1 Gasketing	By Door / Frame Supplier		OT	
2 Sweep	3452CNB TKSP		PE	087100
1 Threshold	253x3AFG MSES25SS		PE	087100

Set: 8.0

Doors: C5-4

2 Continuous Hinge	CFM__HD1		PE	087100
1 Electrified Mullion	EL980	US28	SA	087100
⚡				
2 Rim Exit Device, Nightlatch	PED5257 M52 K157ET	630	RU	087100
5 Keyed Cylinder	Match existing keying system	US32D	SA	087100
1 Mullion Cylinder Kit	980C2	US26D	SA	087100
2 Electric Strike	9600-LBM	630	HS	087100
⚡				
2 ElectroLynx Adaptor	2004M		HS	087100
⚡				
2 SMART Pac Bridge Rectifier	2005M3		HS	087100
⚡				
2 Flush Pull	By FRP Door Supplier		OT	
2 Surface Closer	UNI7500	689	NO	087100
1 Rain Guard	346C TKSP		PE	087100
1 Gasketing	303AV TKSP x Head and Jambs		PE	087100
1 Mullion Gasketing	5110BL		PE	087100
1 Gasketing	By Door / Frame Supplier		OT	
2 Sweep	3452CNB TKSP		PE	087100

1 Threshold	253x3AFG MSES25SS	PE 087100
2 ElectroLynx Harness	QC-C1500P	MK 087100
⚡		
1 Wiring Diagram	WD-SYSPK	YA 087100
1 Card Reader	Re-Use Existing	OT
2 Position Switch	DPS-M-BK	SU 087100
⚡		
1 Power Supply	AQD4-8C8R2	SU 087100
⚡		

Notes: Operational Narrative:

1. Door normally closed and secure.
2. Authorized access by card reader releasing electric strike. Strike can remain released for open access.
3. Egress free for immediate exit.
4. Electric strike latch bolt switch monitors door open/closed/latched status.
5. Electric strike remains locked (fail secure) in event of power loss. Keyed cylinder override for emergency access.

END OF SECTION 08700

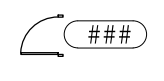

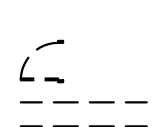
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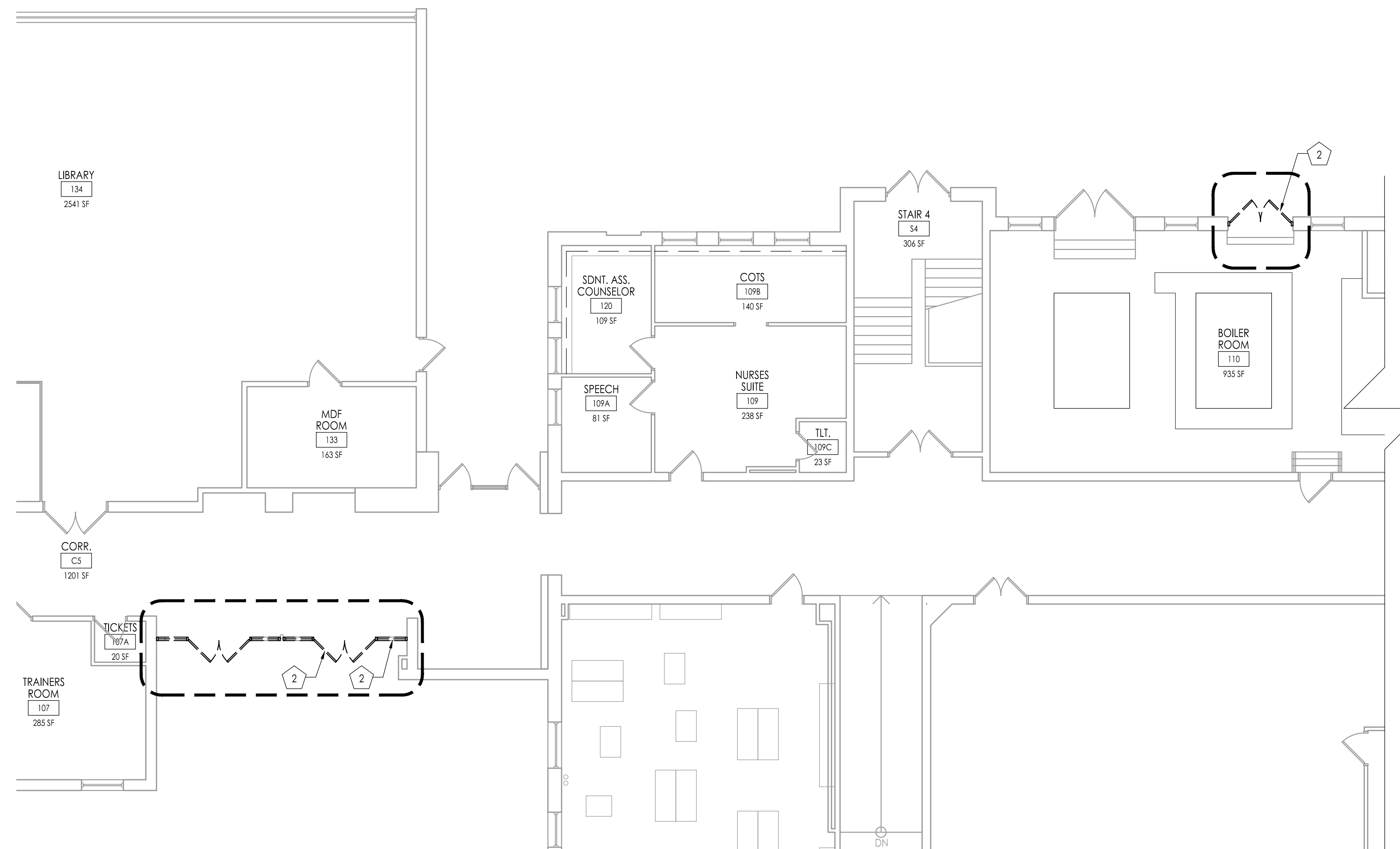
SEE GENERAL NOTES ON DEMOLITION ON THIS DRAWING.

GENERAL NOTE: THE OWNER HAS THE RIGHT OF FIRST REFUSAL FOR ALL EQUIPMENT AND FIXTURES (CABINETS, SHELVING, PLUMBING FIXTURES, ETC.) REMOVED UNDER CONTRACT. IF THE OWNER DOES NOT EXERCISE THIS RIGHT FOR AN INDIVIDUAL PIECE OF EQUIPMENT, THE CONTRACTOR SHALL REMOVE SAID EQUIPMENT FROM THE SITE.

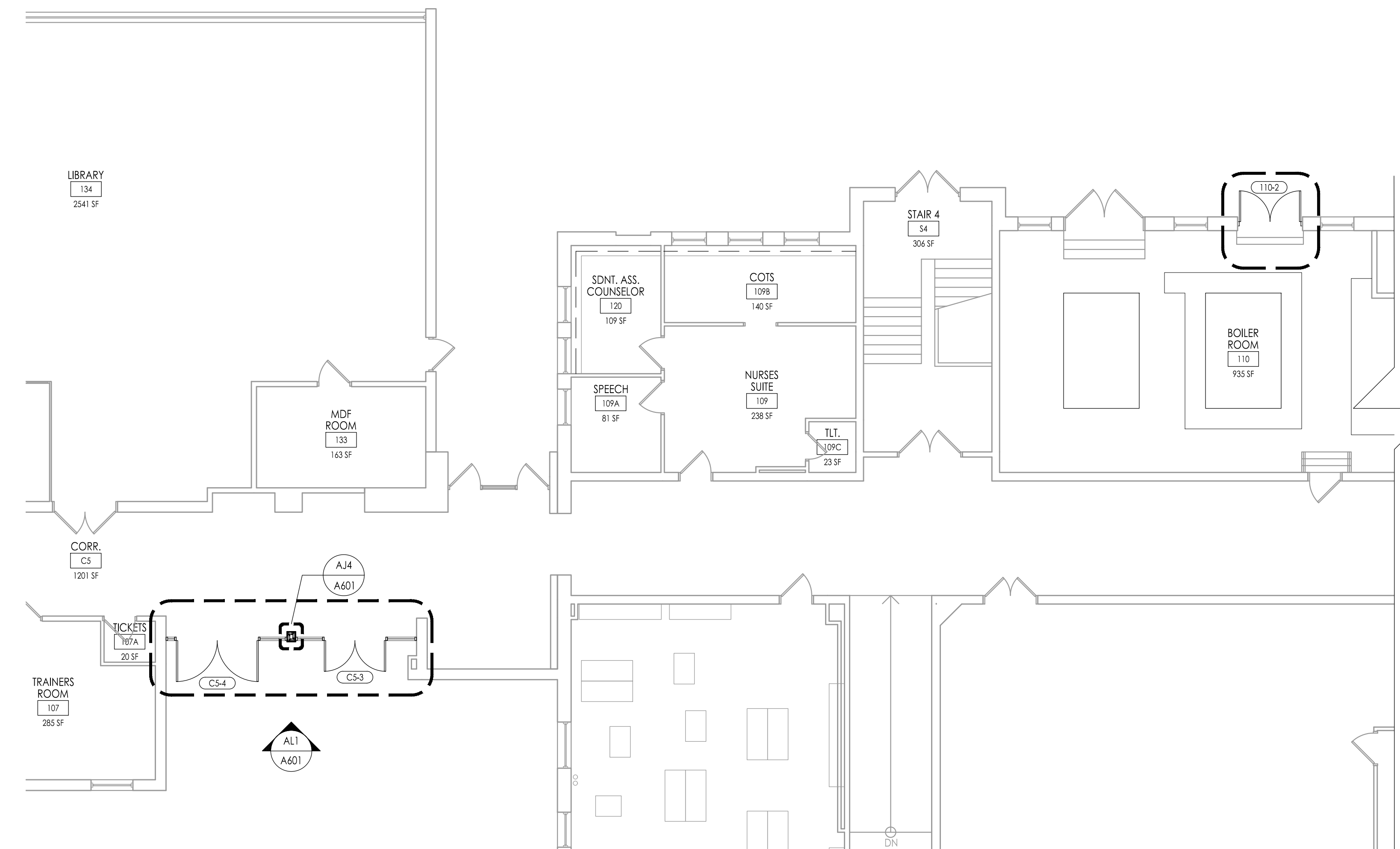
2 REMOVE EXISTING DOOR AND FRAME IN THEIR ENTIRETY. INSTALL NEW DOOR, FRAME AND HARDWARE - SEE FLOOR PLAN AND DOOR SCHEDULE. CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO ENSURE BUILDING SECURITY AND WEATHERTIGHTNESS. CONTRACTOR SHALL ENGAGE THE DISTRICTS SECURITY VENDOR TO REMOVE AND REINSTALL ALL DOOR ACCESS ELECTRONICS AS NEEDED TO REPLACE DOORS. PATCH AND REPAIR ALL VOIDS AND DAMAGE CAUSED BY REMOVAL. MATCH EXISTING ADJACENT FINISHES, INCLUDING BRICK, TILE, BASE, ETC. PATCH AND REPAIR ANY CAVITY RESULTING FROM DEMOLITION AND REMOVAL OF EXISTING DOOR, FRAME AND HARDWARE. SEE ROOM FINISH SCHEDULE AND HEAD, JAMB AND SILL DETAILS.

PLAN LEGEND

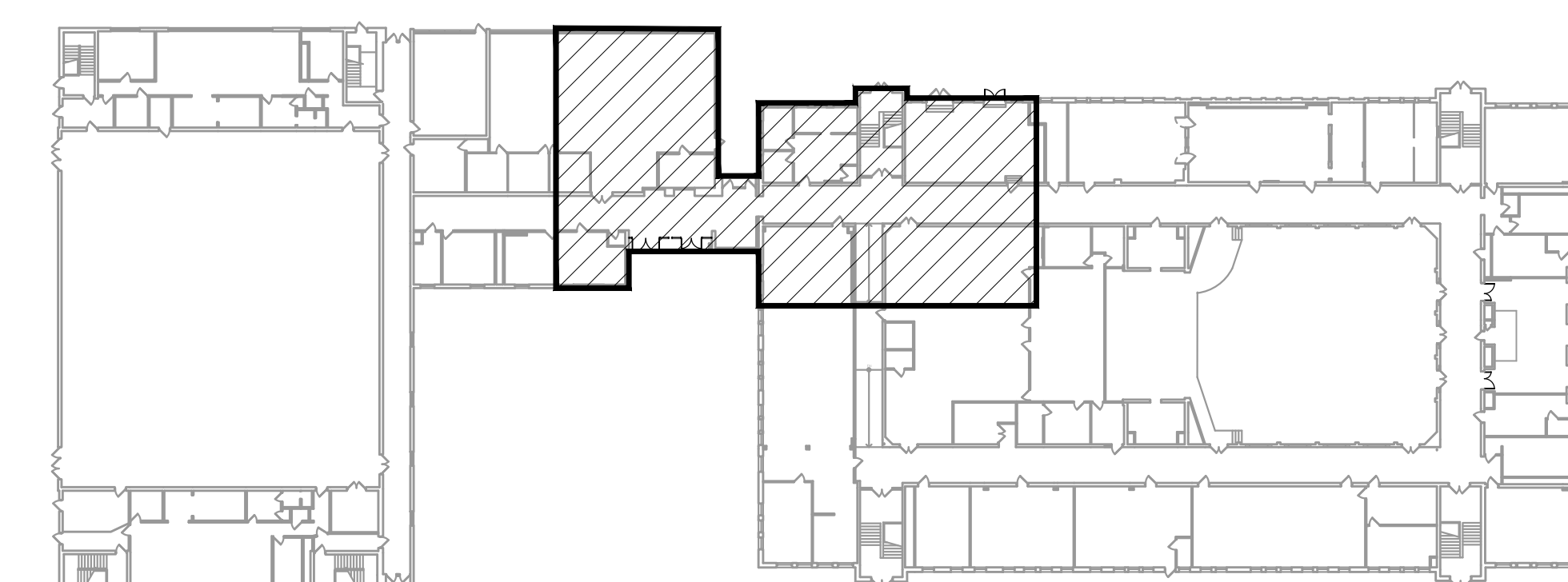
-  INDICATED NEW DOOR, FRAME AND HARDWARE
-  INDICATED NEW WORK AREA
-  DOORS, WALLS OR ITEMS TO BE REMOVED



1 WILDWOOD HIGH SCHOOL/MIDDLE SCHOOL - PARTIAL FIRST FLOOR DEMOLITION PLAN
1/8" = 1'-0"



2 WILDWOOD HIGH SCHOOL/MIDDLE SCHOOL - PARTIAL FIRST FLOOR PLAN
1/8" = 1'-0"



KEY PLAN
N.T.S

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 3407796001 PA - 84073200X
GEORGE E. DUTHIE JR., AIA, FP
NJ - 340639900
JASON L. DUBONWICH, AIA
NJ - 340639900
Date: 12.02.2024
Project: Wildwood HS/MS

FVHD architects
planners
Fraytak Veisz Hopkins Duthie P C
Company: 1515 Lower Ferry Road - Trenton - New Jersey, 08618
Pennsylvania: 140 Whitaker Ave - Mont Clear - Pennsylvania, 19403
F V H D P C . C O M

Project Name
Door Replacement
of Wildwood High
Sch./Middle Sch.
and Glenwood
Ave. Elem. Sch.

Project Owner Name
Wildwood City
School District

Project Location
Wildwood HS/MS:
4300 Pacific Ave,
Wildwood, NJ 08260
Glenwood ES:
2900 New York Ave,
Wildwood, NJ 08260

Project Number
5604
Project Date
12.02.2024
Checked By
WDH
Drawn By
ETS
Scale
AS NOTED

Drawing Name
WILDWOOD
HIGH SCHOOL/
MIDDLE SCHOOL
PARTIAL FIRST
FLOOR
DEMOLITION AND
FLOOR PLAN

No.	Date	Description
△	12.13.2024	ADDENDUM NO 2

Drawing Number
A101

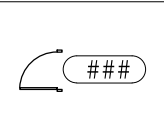

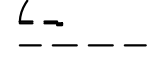
DEMOLITION / RENOVATION NOTES: (X)

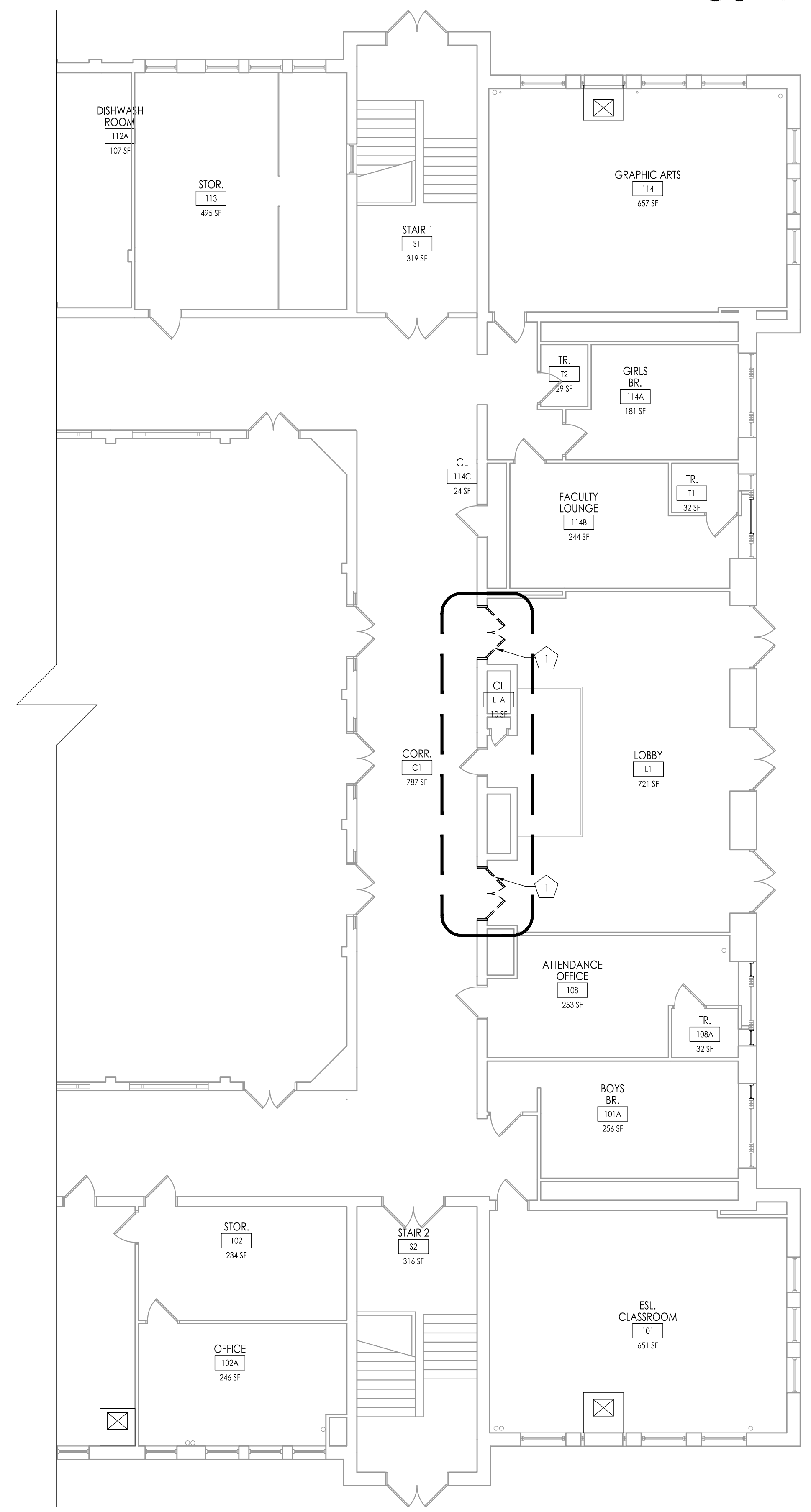
SEE GENERAL NOTES ON DEMOLITION ON THIS DRAWING.

GENERAL NOTE: THE OWNER HAS THE RIGHT OF FIRST REFUSAL FOR ALL EQUIPMENT AND FIXTURES (CABINETS, SHELVING, PLUMBING FIXTURES, ETC.) REMOVED UNDER CONTRACT. IF THE OWNER DOES NOT EXERCISE THIS RIGHT FOR AN INDIVIDUAL PIECE OF EQUIPMENT, THE CONTRACTOR SHALL REMOVE SAID EQUIPMENT FROM THE SITE.

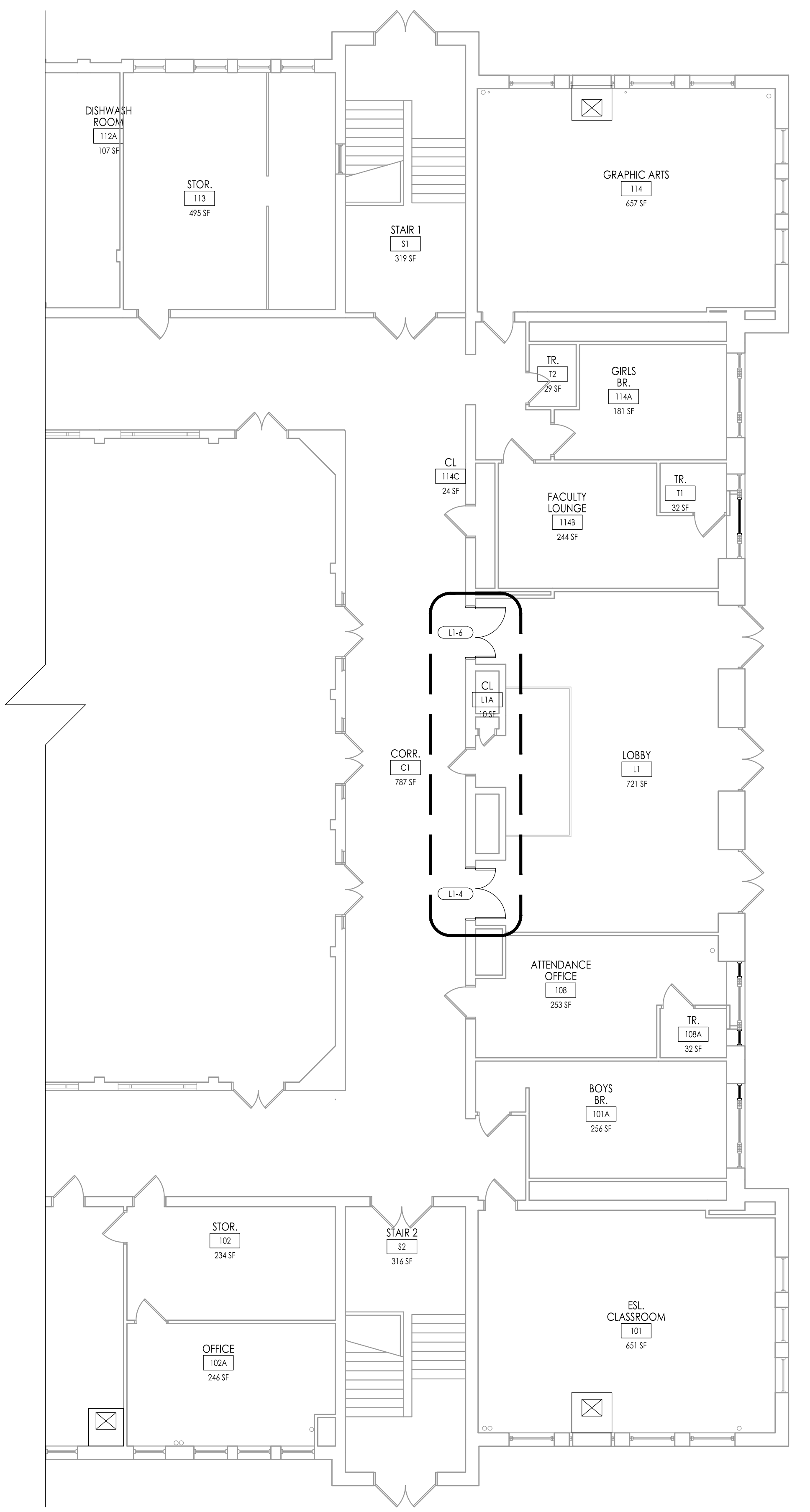
1. REMOVE EXISTING DOOR AND FRAME IN THEIR ENTIRETY. REFER TO 3/A1/02 AND 4/1/02. INSTALL NEW DOOR AND FRAME - SEE FLOOR PLAN AND DOOR SCHEDULE. CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO ENSURE BUILDING SECURITY AND WEATHERTIGHTNESS. CONTRACTOR SHALL ENGAGE THE DISTRICT'S SECURITY VENDOR TO REMOVE AND REINSTALL ALL DOOR ACCESS ELECTRONICS AS NEEDED TO REPLACE DOORS. PATCH AND REPAIR ALL VOIDS AND DAMAGE CAUSED BY REMOVAL. MATCH EXISTING ADJACENT FINISHES, INCLUDING BRICK, TILE, BASE, ETC. PATCH AND REPAIR ANY CAVITY RESULTING FROM DEMOLITION AND REMOVAL OF EXISTING DOOR, FRAME AND HARDWARE. SEE ROOM FINISH SCHEDULE AND HEAD, JAMB AND SILL DETAILS.

PLAN LEGEND

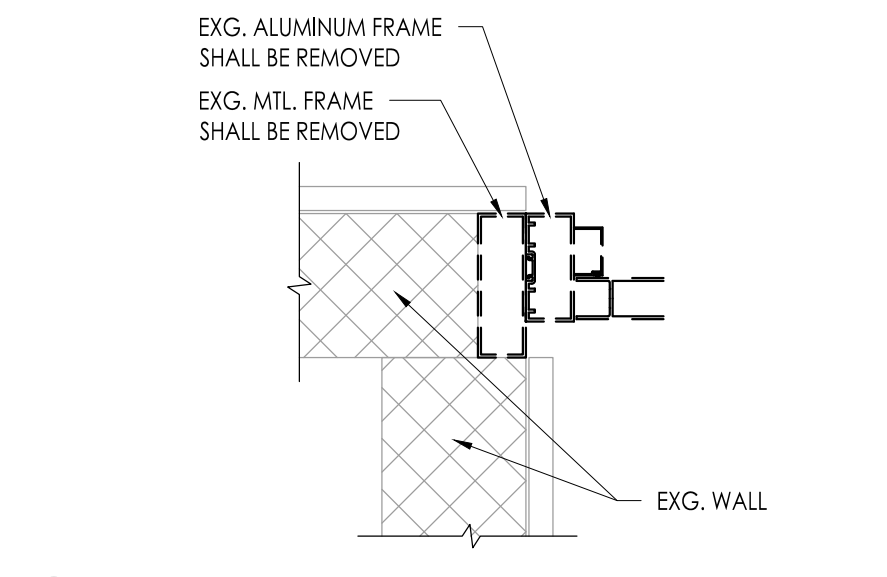
-  INDICATED NEW DOOR, FRAME AND HARDWARE
-  INDICATED NEW WORK AREA
-  DOORS, WALLS OR ITEMS TO BE REMOVED



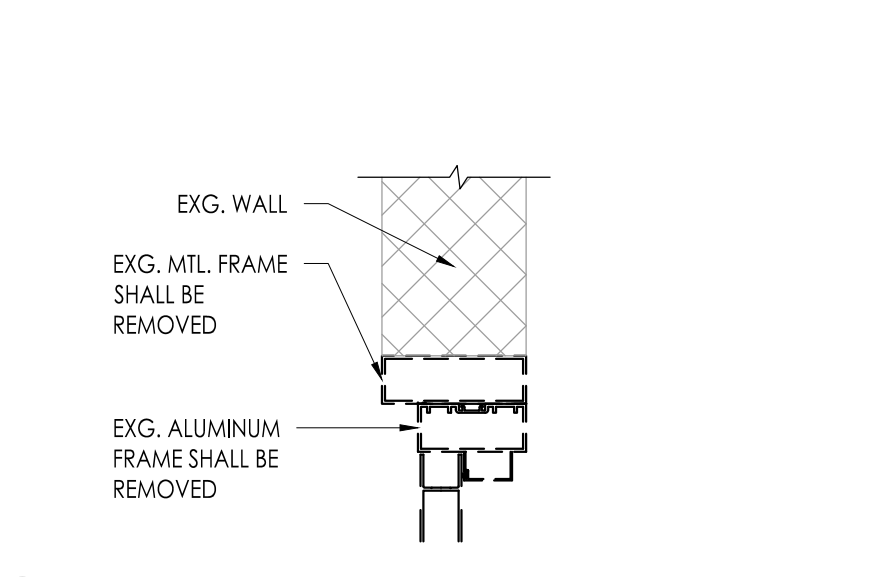
1 WILDWOOD HIGH SCHOOL/MIDDLE SCHOOL - PARTIAL FIRST FLOOR DEMOLITION PLAN
1/8" = 1'-0"



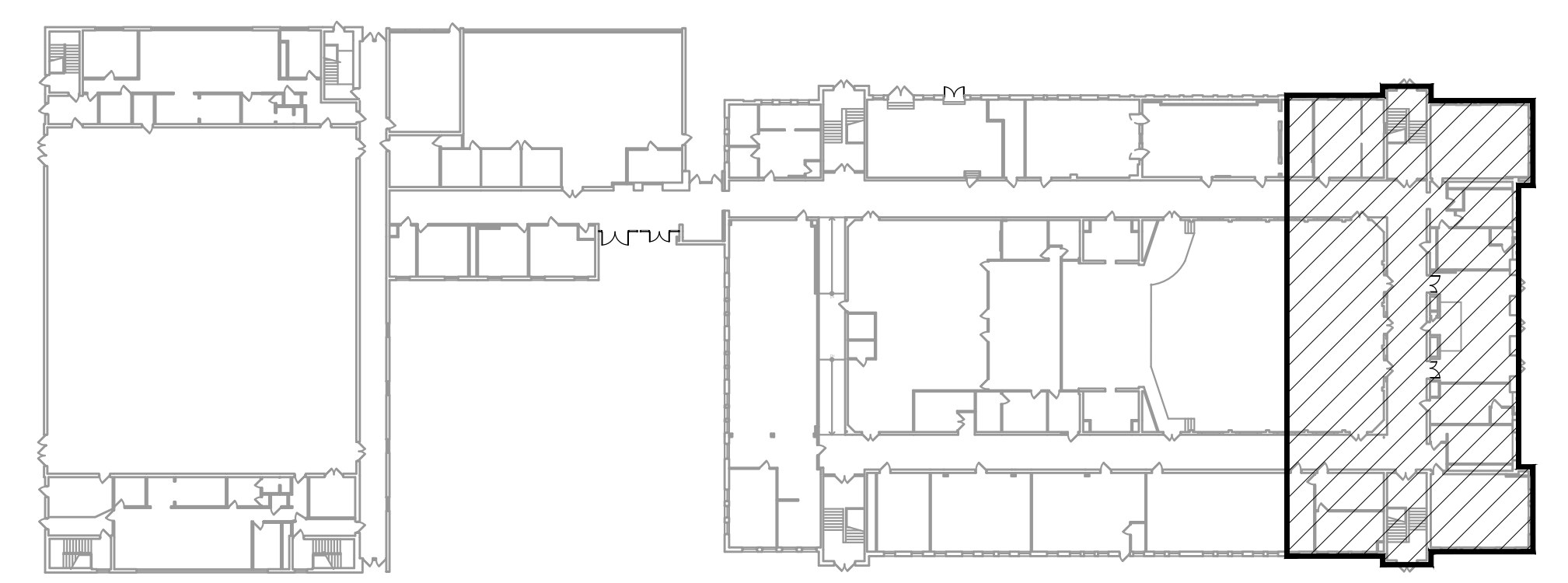
2 WILDWOOD HIGH SCHOOL/MIDDLE SCHOOL - PARTIAL FIRST FLOOR PLAN
1/8" = 1'-0"



3 EXISTING JAMB DEMOLITION DETAIL
1-1/2" = 1'-0"



4 EXISTING HEAD DEMOLITION DETAIL
1-1/2" = 1'-0"



KEY PLAN
N.T.S.

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ - 3407756001 PA - 84072026
GEORGE E. DUTHIE JR., AIA, FP
NJ - 340639900
JASON L. DUBONOVICH, AIA
NJ - 340639900
12.02.2024
Date
F V H D P C . C O M

FVHD architects
planners
Fraytak Veisz Hopkins Duthie P C
Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08618
Pennsylvania: 140 Whitaker Ave - Mont Clare - Pennsylvania 17433

Project Name
**Door Replacement
of Wildwood High
Sch./Middle Sch.
and Glenwood
Ave. Elem. Sch.**

Project Owner Name
**Wildwood City
School District**

Project Location
**Wildwood HS/MS:
4300 Pacific Ave,
Wildwood, NJ 08260
Glenwood ES:
2900 New York Ave,
Wildwood, NJ 08260**

Project Number
5604

Project Date
12.02.2024

Checked By
WDH

Drawn By
ETS

Scale
AS NOTED

Drawing Name
**WILDWOOD
HIGH SCHOOL/
MIDDLE SCHOOL
PARTIAL FIRST
FLOOR
DEMOLITION AND
FLOOR PLAN**

No.	Date	Description
1	12.13.2024	ADDENDUM NO 2

Drawing Number
A102

DEMOLITION / RENOVATION NOTES: (X)

SEE GENERAL NOTES ON DEMOLITION ON THIS DRAWING.

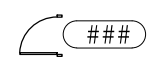

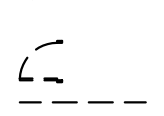
GENERAL NOTE: THE OWNER HAS THE RIGHT OF FIRST REFUSAL FOR ALL EQUIPMENT AND FIXTURES (CABINETS, SHELVING, PLUMBING FIXTURES, ETC.) REMOVED UNDER CONTRACT. IF THE OWNER DOES NOT EXERCISE THIS RIGHT FOR AN INDIVIDUAL PIECE OF EQUIPMENT, THE CONTRACTOR SHALL REMOVE SAID EQUIPMENT FROM THE SITE.

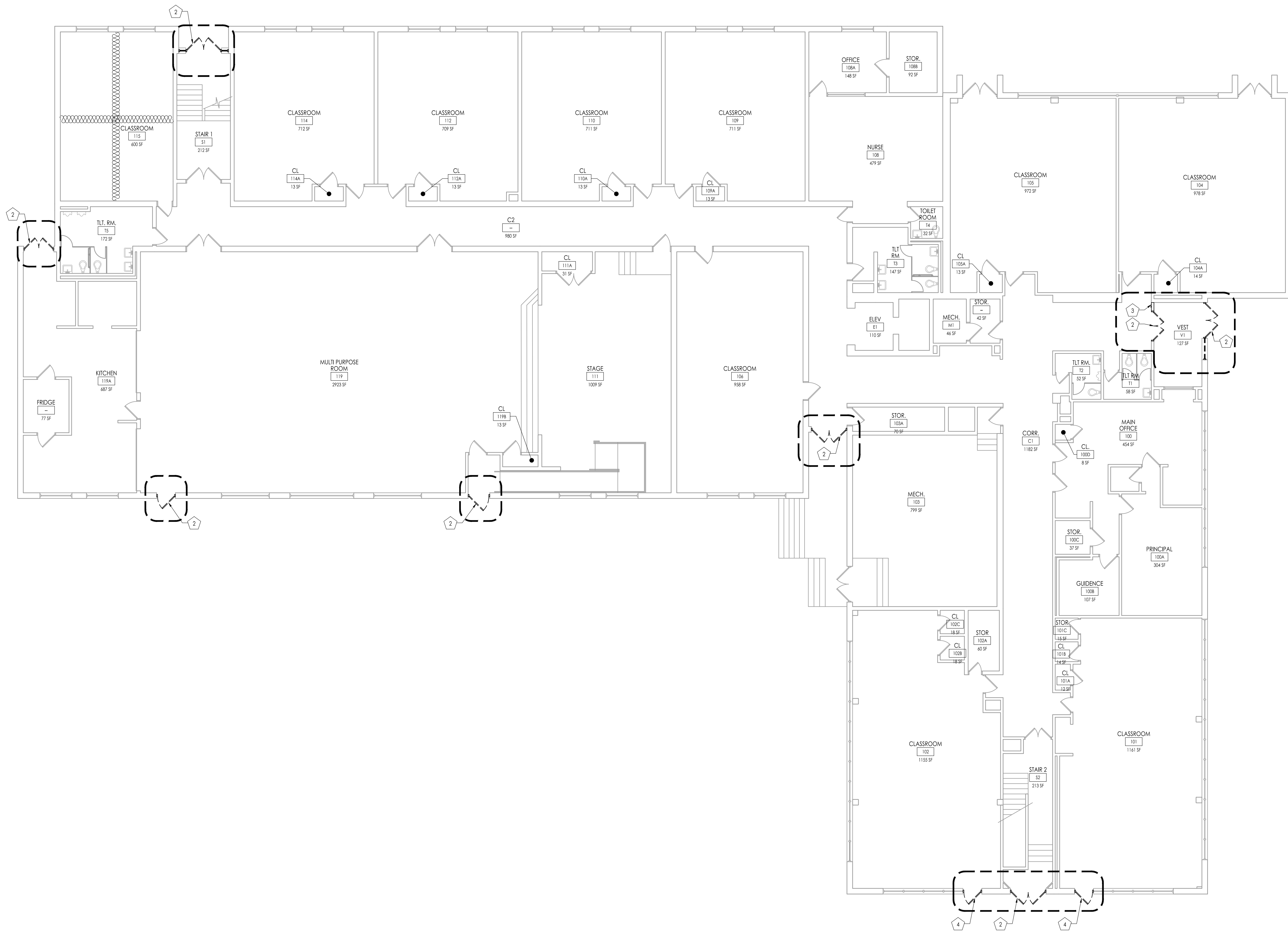
(2) REMOVE EXISTING DOOR AND FRAME IN THEIR ENTIRETY. INSTALL NEW DOOR, FRAME AND HARDWARE - SEE FLOOR PLAN AND DOOR SCHEDULE. CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO ENSURE BUILDING SECURITY AND WEATHERTIGHTNESS. CONTRACTOR SHALL ENGAGE THE DISTRICTS SECURITY VENDOR TO REMOVE AND REINSTALL ALL DOOR ACCESS ELECTRONICS AS NEEDED TO REPLACE DOORS. PATCH AND REPAIR ALL VOIDS AND DAMAGE CAUSED BY REMOVAL. MATCH EXISTING ADJACENT FINISHES, INCLUDING BRICK, TILE, BASE, ETC. PATCH AND REPAIR ANY CAVITY RESULTING FROM DEMOLITION AND REMOVAL OF EXISTING DOOR FRAME AND HARDWARE. SEE ROOM FINISH SCHEDULE AND HEAD, JAMB AND SILL DETAILS.

(3) INDICATED EXISTING WALL SHALL BE REMOVED IN ITS ENTIRETY - SEE FLOOR PLAN AND DOOR SCHEDULE. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL. MATCH EXISTING ADJACENT FINISHES, INCLUDING BRICK, TILE, BASE, ETC. RELOCATE EXISTING LIGHT SWITCHES TO NEW WALL CONSTRUCTION. PATCH AND REPAIR ANY CAVITY RESULTING FROM DEMOLITION AND REMOVAL OF EXISTING DOOR, FRAME AND HARDWARE. SEE ROOM FINISH SCHEDULE AND HEAD, JAMB AND SILL DETAILS.

(4) EXISTING FRAME SHALL REMAIN. EXISTING DOOR AND HARDWARE SHALL BE REMOVED IN ITS ENTIRETY. INSTALL NEW DOOR AND DOOR HARDWARE SET AS NOTED IN THE DOOR SCHEDULE AND SPECIFICATIONS. PATCH, REPAIR AND MODIFY EXISTING FRAME AS NECESSARY TO FILL ALL VOIDS, REPAIR ALL DAMAGE AND MODIFY FRAME TO ACCOMMODATE AND ACCEPT NEW HARDWARE.

PLAN LEGEND

-  INDICATED NEW DOOR, FRAME AND HARDWARE
-  INDICATED NEW WORK AREA
-  DOORS, WALLS OR ITEMS TO BE REMOVED



1 GLENWOOD ELEMENTARY SCHOOL - FIRST FLOOR DEMOLITION PLAN
1/8" = 1'-0"

WILLIAM D. HOPKINS III, AIA, LEED AP
NJ 2140759200 | PA - 4072320X
GEORGE E. DUTHIE JR., AIA, FP
NJ 2140399200
JASON L. DUBONWICH, AIA
NJ 2140399200
Date: 12.02.2024
Project: Wildwood City School District

FVHD architects
planners
Fraytak Veisz Hopkins Duthie P C
Company: 1515 Lower Ferry Road - Trenton - New Jersey 08618
Pennsylvania: 140 Whitaker Ave - Mont Clear - Pennsylvania 19403
F V H D P C . C O M

Project Name
Door Replacement at Wildwood High Sch./Middle Sch. and Glenwood Ave. Elem. Sch.

Project Owner Name
Wildwood City School District

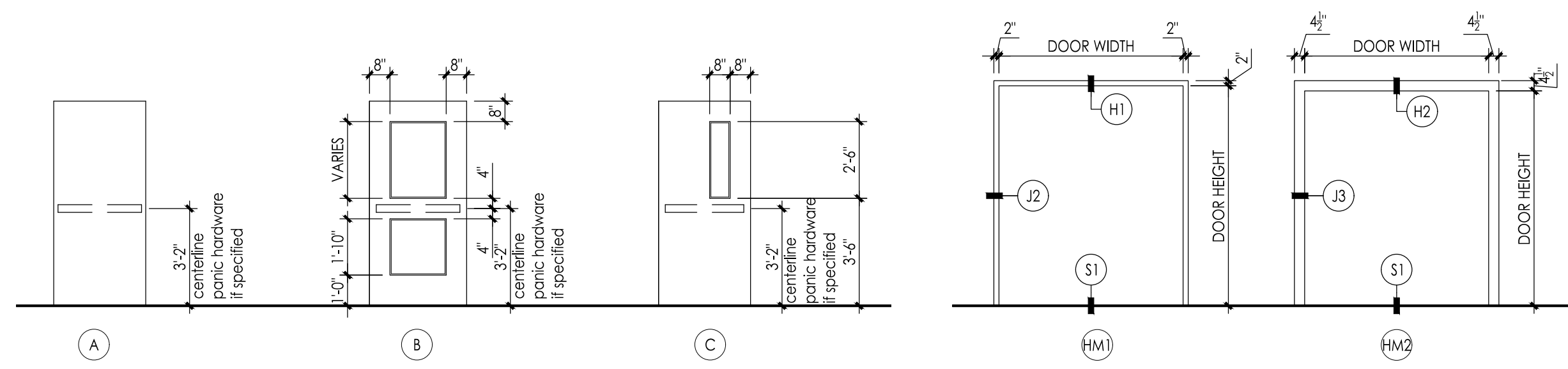
Project Location
Wildwood HS/MS:
4300 Pacific Ave,
Wildwood, NJ 08260
Glenwood ES:
2900 New York Ave,
Wildwood, NJ 08260

Project Number
5604
Project Date
12.02.2024
Checked By
WDH
Drawn By
ETS
Scale
AS NOTED

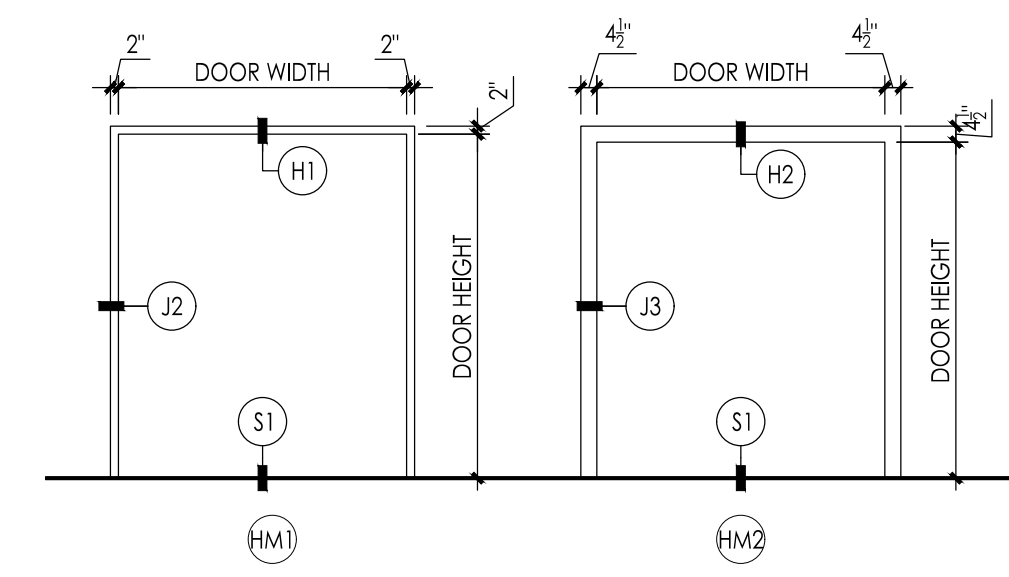
Drawing Name
GLENWOOD AVE. ELEMENTARY SCHOOL FIRST FLOOR DEMOLITION PLAN

No.	Date	Description
1	12.13.2024	ADDENDUM NO 2

Drawing Number
A103



DOOR TYPES
1/4" = 1'-0"



HOLLOW METAL FRAME TYPES
1/4" = 1'-0"

DOOR SCHEDULE NOTES

- EXISTING DOOR FRAME, SIDELIGHT, TRANSOM AND HARDWARE SHALL BE REMOVED IN ITS ENTIRETY. INSTALL NEW DOOR FRAME, SIDELIGHT, TRANSOM AND DOOR HARDWARE SET AS NOTED ON THE DOOR SCHEDULE AND SPECIFICATIONS.
- EXISTING FRAME SHALL REMAIN. EXISTING DOOR AND HARDWARE SHALL BE REMOVED IN ITS ENTIRETY. INSTALL NEW DOOR AND DOOR HARDWARE SET AS NOTED IN THE DOOR SCHEDULE AND SPECIFICATIONS.
- EXISTING DOOR FRAME AND HARDWARE SHALL BE REMOVED IN ITS ENTIRETY. INSTALL NEW DOOR FRAME, SIDELIGHT, TRANSOM AND DOOR HARDWARE SET AS NOTED ON THE DOOR SCHEDULE AND SPECIFICATIONS.
- EXISTING DOOR FRAME, LOUVERED TRANSOM AND HARDWARE SHALL BE REMOVED IN ITS ENTIRETY. INSTALL NEW DOOR FRAME, LOUVERED TRANSOM AND DOOR HARDWARE SET AS NOTED ON THE DOOR SCHEDULE AND SPECIFICATIONS.
- SECURITY FILM SHALL BE APPLIED TO INDICATED EXTERIOR DOOR VISION LITES, SIDE LITES AND TRANSOMS.
- EXISTING CARD ACCESS DEVICES SHALL REMAIN AND BE TEMPORARILY DISCONNECTED AND RE-CONNECTED TO NEW ELECTRONIC DOOR HARDWARE BY OWNERS SECURITY VENDOR. CONTRACTOR SHALL ENGAGE THE DISTRICT'S SECURITY VENDOR TO REMOVE AND REINSTALL ALL DOOR ACCESS ELECTRONICS AS NEEDED TO REPLACE DOORS.
- EXISTING WOODEN FRAME AND WOODEN SILLER DOORS SHALL BE REMOVED AND TURNED OVER TO OWNER.
- EXISTING FIRE ALARM SYSTEM SHALL BE UNINSTALLED AND REINSTALLED TO NEW STOREFRONT BY OWNERS SECURITY VENDOR. CONTRACTOR SHALL ENGAGE THE DISTRICT'S SECURITY VENDOR TO REMOVE AND REINSTALL ALL ELECTRONICS AS NEEDED TO REPLACE DOORS.

GENERAL DOOR NOTES

- ALL DOORS ARE 3/4" THICK UNLESS OTHERWISE NOTED.
- SEE DOOR TYPES, HOLLOW METAL FRAME TYPES, ALUMINUM FRAME TYPES ON THIS DRAWING.
- SEE HAMB, SADDLE AND SILL DETAILS ON DRAWING A601.
- SEE STOREFRONT TYPES AND DETAILS ON DRAWING A601.
- PAIN ALL INTERIOR HOLLOW METAL DOOR FRAMES ON BOTH SIDES.
- PATCH AND REPAIR ALL DAMAGE AND OR CAVITIES IN EXISTING LINTEL TO REMAIN RESULTING FROM DEMOLITION AND REMOVAL OF EXISTING DOOR, FRAME AND HARDWARE.

ABBREVIATIONS

- AL - ALUMINUM
- CA - CARD ACCESS
- ETR - EXISTING TO REMAIN
- FRIG-1 - FIRE-RATED IMPACT-RESISTANT GLAZING - TYPE 1 W/ APPLIED SECURITY WINDOW FILM
- FRP - FIBERGLASS REINFORCED POLYESTER
- HM - HOLLOW METAL
- INSUL-F - INSULATED INTED TEMPERED GLASS W/ APPLIED SECURITY WINDOW FILM
- WD - WOOD

GLENWOOD ES - DOOR AND FRAME SCHEDULE

DR NO	DOOR LOCATION	DOOR				FRAME			HARDWARE	RATING	SIGN TYPE	NOTES	
		SIZE	TYPE	MATL	GLAZING	TYPE	MATL	HEAD					JAMB
101-2	CLASSROOM 101	3'-0" x 6'-6"	C	FRP	INSUL-F	ETR	ETR	AH1	AJ1, AJ2	S1	1	--	SEE DOOR SCHEDULE NOTE 2, 5
102-2	CLASSROOM 102	3'-0" x 6'-6"	C	FRP	INSUL-F	ETR	ETR	AH1	AJ1, AJ2	S1	1	--	SEE DOOR SCHEDULE NOTE 2, 5
111-2	MULTI PURPOSE ROOM 111	3'-6" x 7'-0"	C	FRP	INSUL-F	AL	AL	AH5A	AJ6A	S1	2	--	SEE DOOR SCHEDULE NOTE 3, 5, 6
112-3	MULTI PURPOSE ROOM 112	3'-6" x 7'-0"	C	FRP	INSUL-F	AL	AL	AH5A	AJ6A	S1	3	--	SEE DOOR SCHEDULE NOTE 3, 5, 6
119-3	MULTI PURPOSE ROOM 119	3'-6" x 7'-0"	C	FRP	INSUL-F	AL	AL	AH5A	AJ6A	S1	3	--	SEE DOOR SCHEDULE NOTE 3, 5, 6
119A-2	KITCHEN 119A	2'-8" x 7'-0"	A	FRP		AL	AL	AH5A	AJ6A	S1	4	--	SEE DOOR SCHEDULE NOTE 3, 7
C1	CORR. C1	2'-8" x 7'-0"	C	FRP	INSUL-F	AL	AL	AH5A	AJ6A	S1	5	--	SEE DOOR SCHEDULE NOTE 3, 5, 6
S1-2	STAIR S1	2'-8" x 7'-0"	C	FRP	INSUL-F	AL	AL	AH1	AJ2A	S1	5	--	SEE DOOR SCHEDULE NOTE 1, 5, 6
S2-2	STAIR S2	2'-8" x 7'-0"	C	FRP	INSUL-F	AL	AL	AH5A	AJ6A	S1	4	--	SEE DOOR SCHEDULE NOTE 3, 5, 6
VI-1	VEST V1	2'-8" x 7'-0"	C	FRP	INSUL-F	AL	AL	AH7	AJ9, AJ11	S1	5	--	SEE DOOR SCHEDULE NOTE 1, 5, 6

GLENWOOD ES - ALTERNATE BID 1 - DOOR AND FRAME SCHEDULE

DR NO	DOOR LOCATION	DOOR				FRAME			HARDWARE	RATING	SIGN TYPE	NOTES		
		SIZE	TYPE	MATL	GLAZING	TYPE	MATL	HEAD					JAMB	SADDLE
VI-2	CORR. C1	2 @ 3'-0" x 7'-0"	C	WD	FRIG-1	HM1	HM	H1	J1	S1	6	20 MIN.	--	SEE DOOR SCHEDULE NOTE 3, 6

WILDWOOD HS/MS - ALTERNATE BID 1 - DOOR AND FRAME SCHEDULE

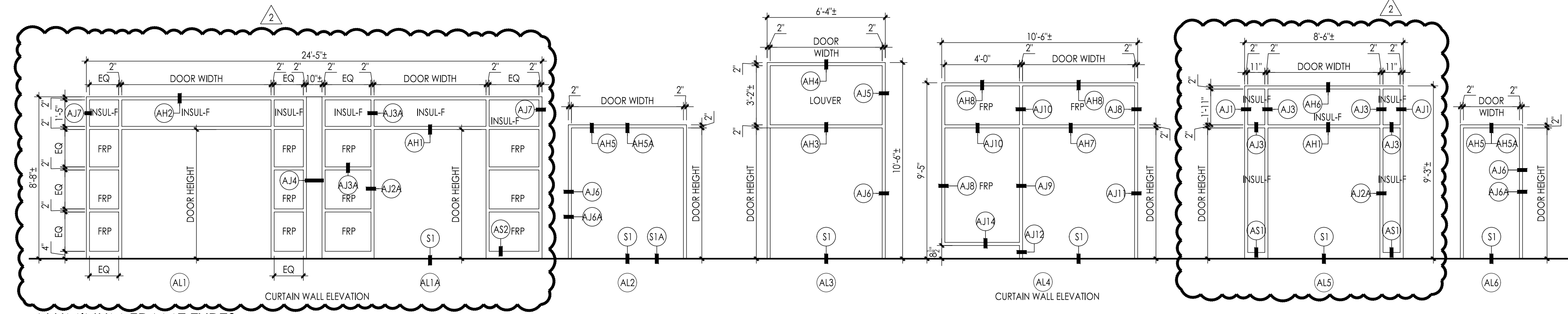
DR NO	DOOR LOCATION	DOOR				FRAME			HARDWARE	RATING	SIGN TYPE	NOTES		
		SIZE	TYPE	MATL	GLAZING	TYPE	MATL	HEAD					JAMB	SADDLE
CS-3	CORR. CS	2 @ 3'-0" x 7'-0"	C	FRP	INSUL-F	AL1A	AL	AH1	AJ2A	S1	7	--	--	SEE DOOR SCHEDULE NOTE 1, 5, 6, 8
CS-4	CORR. CS	2 @ 3'-0" x 7'-0"	C	FRP	INSUL-F	AL1	AL	AH1	AJ2A	S1	8	--	--	SEE DOOR SCHEDULE NOTE 1, 5, 6, 8

WILDWOOD HS/MS - ALTERNATE BID 2 - DOOR AND FRAME SCHEDULE

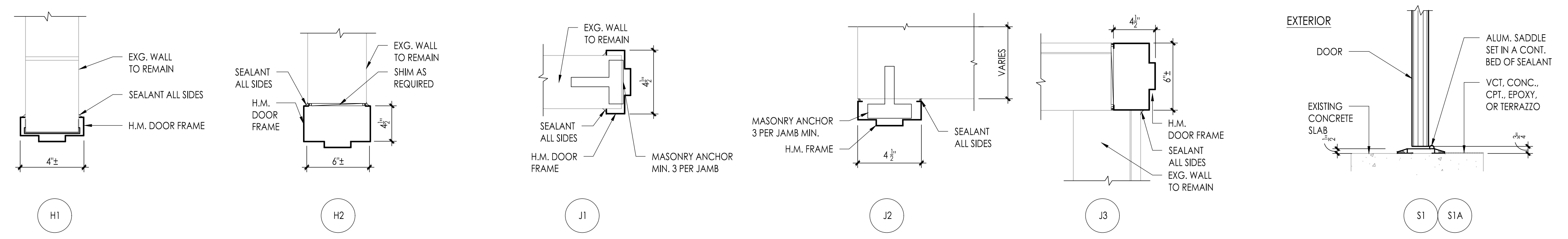
DR NO	DOOR LOCATION	DOOR				FRAME			HARDWARE	RATING	SIGN TYPE	NOTES		
		SIZE	TYPE	MATL	GLAZING	TYPE	MATL	HEAD					JAMB	SADDLE
L1-4	LOBBY L1	2'-0" (3'-0") x 7'-0"	B	HM	FRIG-1	HM2	HM	H2	J2	S1	6	20 MIN.	--	SEE DOOR SCHEDULE NOTE 3, 6
L1-4	LOBBY L1	2'-0" (3'-0") x 7'-0"	B	HM	FRIG-1	HM2	HM	H2	J2	S1	6	20 MIN.	--	SEE DOOR SCHEDULE NOTE 3, 6

WILDWOOD HS/MS - ALTERNATE BID 3 - DOOR AND FRAME SCHEDULE

DR NO	DOOR LOCATION	DOOR				FRAME			HARDWARE	RATING	SIGN TYPE	NOTES		
		SIZE	TYPE	MATL	GLAZING	TYPE	MATL	HEAD					JAMB	SADDLE
110-2	BOILER ROOM 110	2 @ 3'-0" x 7'-0"	C	FRP	INSUL-F	AL3	AL	AH3	AJ6	S1	7	--	--	SEE DOOR SCHEDULE NOTE 4, 5



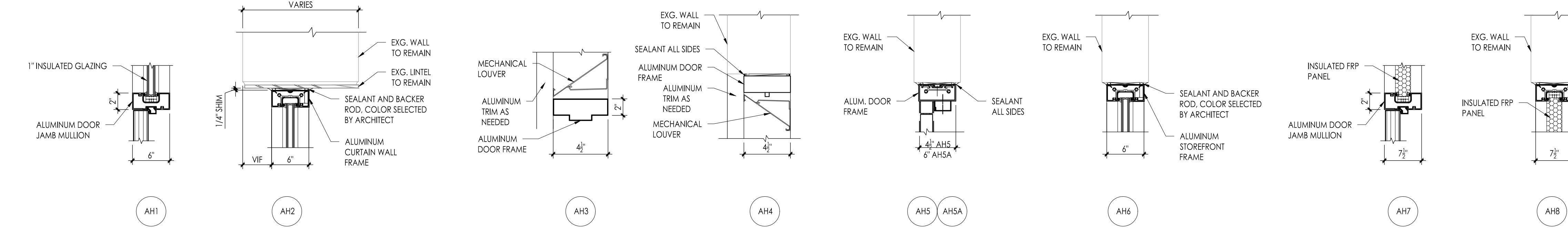
ALUMINUM FRAME TYPES
1/4" = 1'-0"



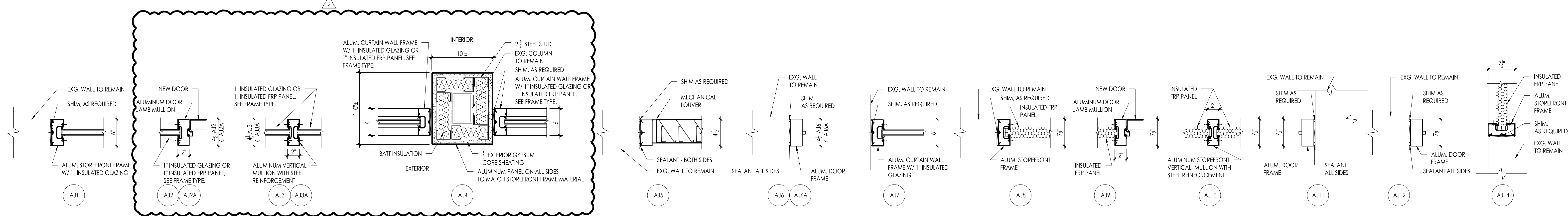
HOLLOW METAL HEAD DETAILS
1-1/2" = 1'-0"

HOLLOW METAL JAMB DETAILS
1-1/2" = 1'-0"

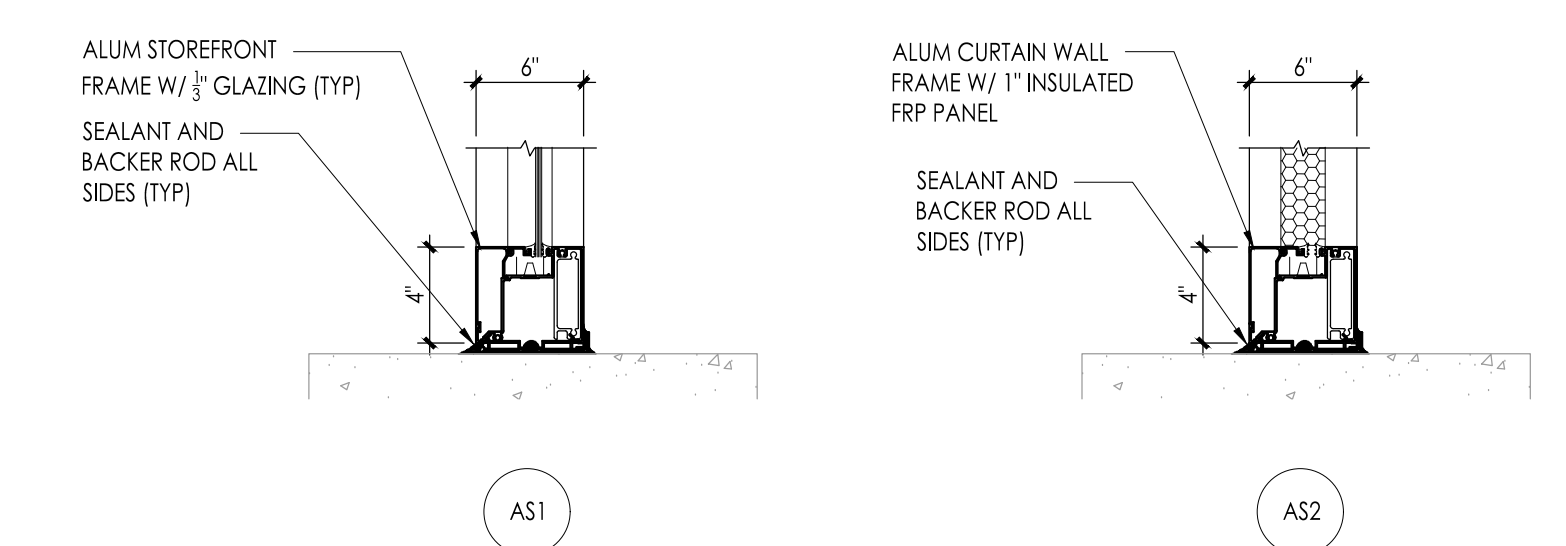
SADDLE DETAIL
1-1/2" = 1'-0"



ALUMINUM HEAD DETAILS
1-1/2" = 1'-0"



ALUMINUM JAMB DETAILS
1-1/2" = 1'-0"



ALUMINUM SILL DETAIL
1-1/2" = 1'-0"

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Project Name
Door Replacement at Wildwood High Sch./Middle Sch. and Glenwood Ave. Elem. Sch.

Project Owner Name
Wildwood City School District

Project Location
**Wildwood HS/MS:
 4300 Pacific Ave,
 Wildwood, NJ 08260
 Glenwood ES:
 2900 New York Ave,
 Wildwood, NJ 08260**

Project Number
5604
 Project Date
12.02.2024
 Checked By
WDH
 Drawn By
ETS
 Scale
AS NOTED

Drawing Name
**DOOR SCHEDULE,
 DOOR TYPES,
 FRAME TYPES,
 HEAD, JAMB,
 SADDLE AND SILL
 DETAILS**

Revisions
 No. Date Description
 12.13.2024 ADDENDUM NO 2

Drawing Number
A601