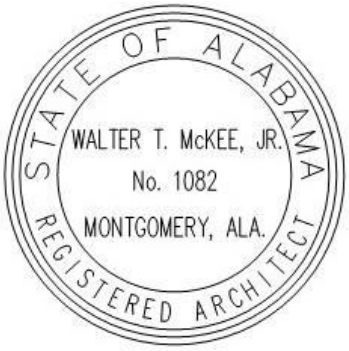
LATHAN · McKEE
ARCHITECTS



Nathan Green, President

Addendum **No.** 1
Date: November 10, 2025

Project:
Site Improvements and Interior Alterations to
Baldwin County High School
for the Baldwin County Public Schools
Bay Minette, Alabama

MCKEE Project No: 25-160A
ALABAMA DIVISION OF CONSTRUCTION MANAGEMENT NO. 2025764

The following changes and/or substitutions to the plans and specifications are hereby made a part of same and are incorporated in full force as part of the contract.

Bidders shall acknowledge receipt of this Addendum in writing on his Proposal Form.

A1.1 SPECIFICATION MODIFICATIONS:

A. Refer to Specification Section 08700 Finish Hardware (**Revised 11.10.25**), herein.
B. Refer to Specification Section Cover 15400 (**Revised 11.07.25**), herein.
C. Refer to Specification Section 15400 Plumbing (**Revised 11.07.25**), herein.

A1.2 DRAWING MODIFICATIONS:

A. See the attached Revised Drawings as follows:
    1. PD1.1 (**Revised 11.07.25**), herein.
    2. FP1.1 (**Revised 11.07.25**), herein.

END OF ADDENDUM

SECTION 08700 - FINISH HARDWARE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

A. This Section includes items known commercially as finish or door hardware that are required for swing, sliding, and folding doors, except special types of unique hardware specified in the same sections as the doors and door frames on which they are installed.

B. This Section includes the following:

1. Hinges.
2. Key control system.
3. Lock cylinders and keys.
4. Lock and latch sets.
5. Bolts.
6. Exit devices.
7. Push/pull units.
8. Closers.
9. Overhead holders.
10. Miscellaneous door control devices.
11. Door trim units.
12. Protection plates.
13. Weather-stripping for exterior doors.
14. Sound stripping for interior doors.
15. Astragals or meeting seals on pairs of doors.
16. Thresholds.

C. Related Sections: The following Sections contain requirements that relate to this Section:

1. Division 8 Section "Standard Steel Doors and Frames" for silencers integral with hollow metal frames.
2. Division 8 Section "Flush Wood Doors" for factory pre-fitting and factory pre-machining of doors for door hardware.
3. Division 8 Section "Aluminum Entrances and Storefronts" for aluminum entrance door hardware, except cylinders.

1.3 HARDWARE ALLOWANCE

A. Allowance of $0,000.00 for Certified AHC (Architectural Hardware Consultant) & FDAI (Fire Door Assembly Inspector – document of certification from DHI must be provided) to visit job site upon substantial completion as directed by Architect. A written report will be required for the Owner, Architect, and Contractor.

1.4 QUALITY ASSURANCE

The supplier must have demonstrated willingness to coordinate field problems, and (upon reasonable compensation) to assist the Owner in re-keying and service operations. He must have a reputation for supplying quality material. Pre-bid approval is required **by Addendum** 10 days in advance of the Bid Day. The following Suppliers are accorded such approval in advance:

a. Brabner & Hollon; Mobile, AL
b. Warren Door; Pensacola, FL.
c. Rayford & Associates, Inc.; Mobile, AL

1.5 SUPPLIER

A. Door hardware supplier's responsibilities shall be as follows:

1. Submittals: Submit through Contractor required product data, final hardware schedule,

   separate keying schedule, and samples as specified in this Section, unless otherwise indicated.

2. **Hardware Review Meeting**: Hardware Supplier shall attend a scheduled "Hardware Review Meeting" with the Contractor, Owner and Architect representative. All Hardware products, hardware installation locations, finishes, color selections, ratings and keying is to be reviewed and discussed. The Hardware Supplier understands the Hardware Submittal is not deemed "Fully Approved" until the Owner has completed their review and given "Approval".

3. Construction Schedule: Inform Contractor promptly of estimated times and dates that will be required to process submittals, to furnish templates, to deliver hardware, and to perform other work associated with furnishing door hardware for purposes of including this data in construction schedule. Comply with this schedule.

4. Coordination and Templates: Assist Contractor as required to coordinate hardware with other work in respect to both fabrication and installation. Furnish Contractor with templates and deliver hardware to proper locations.

5. Product Handling: Package, identify, deliver, and inventory door hardware specified in this Section.

6. Discrepancies: Based on requirements indicated in Contract Documents in effect at time of door hardware selection, furnish types, finishes, and quantities of door hardware, including fasteners, and Owner's maintenance tools required to comply with specified requirements and as needed to install and maintain hardware. Furnish or replace any items of door hardware resulting from shortages and incorrect items at no cost to the Owner or Contractor. Obtain signed receipts from Contractor for all delivered materials.

B. Contractor's responsibilities shall be as follows:

1. Submittals: Coordinate and process submittals for door hardware in same manner as submittals for other work.

2. **Hardware Review Meeting**: Contractor is to schedule and attend a "Hardware Review Meeting" with the Owner, Hardware Supplier and Architect Representative. All Hardware products, hardware installation locations, finishes, color selections, ratings and keying is to be reviewed and discussed. The Contractor understands the Hardware Submittal is not deemed "Fully Approved" until the Owner has completed their review and given "Approval".

3. Construction Schedule: Cooperate with door hardware supplier in establishing scheduled dates for submittals and delivery of templates and door hardware. Incorporate in construction schedule the times and dates related to furnishing hardware by door hardware supplier.

4. Coordination: Coordinate door hardware with other Work. Furnish hardware supplier or manufacturer with shop drawings of other work where required or requested. Verify completeness and suitability of hardware with supplier. Coordinate all wiring, raceways, accesses and final connections to all electronic devices and components per manufacturer requirements for a fully functioning system.

5. Product Handling: Provide secure lock-up for hardware delivered to the site. Inventory hardware jointly with representative of hardware supplier and issue signed receipts for all delivered materials.

6. Installation Information: The general types and approximate quantities of hardware required for this Project are indicated at the end of this Section in order to establish Contractor's costs for installation and other work not included in allowance.

7. No adjustments in Contract sum will be made for costs other than those covered by the allowances for subsequent increases or decreases in quantity of one or more hardware types that do not exceed 5 percent.

1.6 SUBMITTALS

A. General: Submit the following in accordance with Conditions of Contract and Division 1 Specification sections.

B. Product data includes manufacturers' technical product data for each item of door hardware, installation instructions, maintenance of operating parts and finish, and other information necessary to show compliance with requirements.

C. Final hardware schedule coordinated with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.

1. Upon return of the reviewed finish hardware schedule, arrange for a meeting with the Owner and representatives of Architect. A keying schedule will be established and submitted to the Architect and Owner. After review, the keying schedule will be returned to representatives of Finish Hardware Supplier so that permanent cylinders and keys can be prepared on a timely basis.

1.7 QUALITY ASSURANCE

A. Substitutions: All substitution requests must be submitted before bidding and within the procedures and time frame as outlined in Division 1, General Requirements. Approval of products is at the discretion of the architect and his hardware consultant.

B. Single Source Responsibility: Obtain each type of hardware (latch and lock sets, hinges, closers, etc.) from a single manufacturer.

C. Supplier Qualifications: A recognized architectural door hardware supplier, with warehousing facilities in the Project's vicinity, that has a record of successful in-service performance for a minimum of 10 years, for supplying door hardware similar in quantity, type, and quality to that indicated for this Project and that employs an experienced " Certified "architectural hardware consultant (AHC)" as recognized by the Door and hardware Institute (DHI). All submittals shall be signed by an AHC who is available to Owner, Architect, and Contractor, at reasonable times during the course of the Work, for consultation.

D. Fire-Rated Openings: Provide door hardware for fire-rated openings that complies with NFPA Standard No. 80 and requirements of authorities having jurisdiction. Provide only items of door hardware that are listed and are identical to products tested by UL, Warnock Hersey, FM, or other testing and inspecting organization acceptable to authorities having jurisdiction for use on types and sizes of doors indicated in compliance with requirements of fire-rated door and door frame labels.

1.8 PRODUCT HANDLING

A. Tag each item or package separately with identification related to final hardware schedule and include basic installation instructions with each item or package.

B. Packaging of door hardware is responsibility of supplier. As material is received by hardware supplier from various manufacturers, sort and repackage in containers clearly marked with appropriate hardware set numbers to match set numbers of approved hardware schedule. Two or more identical sets may be packed in same container.

C. Inventory door hardware jointly with representatives of hardware supplier and hardware installer until each is satisfied that count is correct.

D. Deliver individually packaged door hardware items promptly to place of installation (shop or Project site).

E. Provide secure lock-up for door hardware delivered to the Project but not yet installed. Control handling and installation of hardware items that are not immediately replaceable so that completion of the Work will not be delayed by hardware losses both before and after installation.

1.9 MAINTENANCE

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.

PART 2 - PRODUCTS

2.1 HINGES

A. MANUFACTURERES

1. Hager
2. McKinney
3. Stanley

B. MATERIAL:

1. Provide only template produced units
2. Provide Phillips flat-head or machine screws for installation of units, except furnish Phillips flat-head wood screws for installation of units in to wood. Finish screw heads to match surface of hinges or pivots.
3. Hinge pins, except as noted, are to be provided as follows:
    a. Steel Hinges: Steel pins
    b. Non-ferrous Hinges: Stainless steel pins
    c. Exterior Doors: Use Non-Removable Pins
    d. Interior Doors: Non-rising pins
    e. Electric Hinges: Non-removable pins
4. Tips shall be flat button and matching plug, finished to match leaves.
5. Provide number of hinges indicated but not less than three (3) hinges for door leaf of 90” or less in height and one additional hinge for each 30” of additional height.

6. Provide ball bearing hinges of the type and weight suggested by the hinge manufacturer for each type of door application.

2.2 CONTINOUS GEARED HINGES

A. MANUFACTURERES

1. Hager Companies
2. ABH Manufacturing
3. SELECT Products Ltd
4. Stanley
5. National Guard Products

B. MATERIAL:

1. Fully Concealed Hinges, Heavy Duty
2. Conform to ANSI/BHMA A156.26-2006 Grade 1.
3. Typical hinge height shall be 1" less than nominal door height.

2.3 LOCK CYLINERS AND KEYING

A. MANUFACTURERES

1. All cylinders must be keyed to the existing system for **Baldwin County Board of Education**

B. MATERIAL

1. Keys shall be furnished as follows:
   a. 3 each Change Keys per core/or keyed alike group
   b. 3 each Grand Master Key
   c. 3 each Master Key per level
   d. 3 each Control Key
2. Provide a key control system including envelopes, labels, and tags with self-locking key clips, receipt forms, 3-way visible card index, temporary markers, permanent markers, and standard metal cabinet. Key control cabinet shall expansion capacity of 150% of the number of locks required for the project.
3.

2.4 ELECTRONIC HARDWARE

A. MANUFACTURERES

1. Basis of design is Stanley Wi-Q Technology
2. Stanley/Precision
3. Dormakaba
4. Alarm Lock
5. *Note: A Mandatory meeting will be required for Hardware Supplier concerning all special openings requiring electronic hardware (see Hardware Sets). No material is to be ordered*

until verified at this meeting. Meetings will be as directed by architect including design consultant, contractor, and owner representative.

2.5 LOCKSETS AND LATCHSETS

A. MANUFACTURERES

1. Stanley/Best 9K3 Series, 14D Design
2. No Sub – Owners Standard

B. MATERIAL

1. Locksets and latch-sets of all manufacturers must conform to the requirements of Sub paragraphs 2 and be approved by the Architect.
2. Cylindrical Lock Type
   a. Locksets and latch sets must conform to ANSI A156.2 Series 4000, Operational Grade 1, and be UL Listed.

      OR
3. Mortise Type
   a. Locksets and latch sets must conform to ANSI A156.2 Series 1000, Grade 1, and be UL Listed
   b. Locksets and latch-sets must be heavy duty mortise type with 2-3/4 in. backset, or greater as specified, with a 3/4 inch throw latch-bolt.
   c. Locksets shall be furnished with a cylinder housing that accepts a small format interchangeable core. Cores must be furnished by Best Access Systems.
   d. Trim to be 14D Design with an antimicrobial coating ('AM')

2.6 EXIT DEVICES

A. MANUFACTURERES

1. Sargent 8800 Series x ET Trim Design
2. Best/Precision Apex 2000 Series x 4900D Trim Design
3. Von Duprin 98/99 Series x 996L Trim Design

B. MATERIAL

1. All exit devices to be of one manufacturer and provided in same finish and lever design as locksets.
2. Provide sex nuts and bolts for attachment of surface applied items to doors.
3. Devices shall be UL listed. Devices for fire rated openings shall bear factory installed UL markings that indicate approval for fire rated openings.
4. All exit devices shall be touch-bar type design and Grooved aluminum extrusions are not allowed.
5. All exit devices shall comply with ANSI A156.3, Grade 1.

6. Exit devices must meet hurricane code where required.
7. Exit device lever trim shall be equal to 14D design.

2.7 CLOSERS

A. MANUFACTURERES
   1. LCN – 4040XP Series
   2. Stanley/Best – HD8000 Series
   3. Hager Companies - 5100 Series

B. MATERIAL
   1. Size of units: Except as otherwise specifically indicated, comply with the manufacturer's recommendations for size of door control unit, depending upon size of door, exposure to weather and anticipated frequency of use.
      a. Where parallel arms are indicated for closers, provide closer unit one size larger than recommended for use with standard arms.
      b. Where manual closers are indicated for doors required to be accessible to the physically handicapped, provide adjustable units, ANSI opening force and delayed action closing.
   2. Provide manual closers that are certified to exceed ten million (10,000,000) full load operating cycles by a recognized independent testing laboratory. Closers are to be fully hydraulic, rack and pinion action with high strength cast aluminum or cast iron cylinders and one piece forged steel pistons. Hydraulic fluid to be of a type requiring no seasonal adjustments for temperature. Hydraulic regulation to be controlled by tamper-proof, non-critical screw values, adjustable with a hex by tamper-proof, non-critical screw valves, adjustable with a hex wrench. Separate adjustments for back check, general speed, and latch speed. Where detailed on double lever arm closers, provide a delayed action feature to delay closing up to one minute for maximum opening to approximately 75 degrees. Back check shall be properly located for protection of the door, frame and applied hardware.
   2. Use of closers with built-in spring or cushion stops will be allowed in lieu of overhead stops.
   3. All door closers shall comply with ANSI A156.4 Grade 1 and meet the standards of ANSI A117.1 for barrier-free accessibility.

2.8 OVERHEAD STOPS AND HOLDERS

A. MANUFACTURERES
   1. Dormakaba
   2. ABH Manufacturing
   3. Hager Companies

B. MATERIAL
   1. Conform to ANSI A156.8 Grade 1.
   2. Surface Mount, Heavy or Medium Duty (refer to hardware sets)

2.9 PUSH/PULLS & PROTECTION PLATES

A. MANUFACTURERES

1. Hager Companies
2. Burns Mfgr.
3. Trimco Hardware

B. MATERIAL

1. Provide manufacturers standard exposed fasteners for installation, through bolted for matched pairs, but not of single units.
2. Provide 16 gauge minimum thickness for plates.
3. Where specified in the schedule, push/pulls shall have an antimicrobial coating.

2.10 THRESHOLDS, WEATHERSTRIPPING & GASKETING

A. MANUFACTURERES

1. Zero
2. Hager
3. National Guard

B. MATERIAL

1. Provide continuous weather-stripping at each edge of every exterior door leaf, except as otherwise indicated.
2. Provide type, size and profile shown as scheduled.
3. Provide non-corrosive fasteners as recommended by manufacturer for application indicated. Do not specify adhesive backed weather-strip or gasket material.
4. Where replaceable seal strips are scheduled, provide only those units where resilient or flexible seal strip is easily replaceable from stocks maintained by manufacturer.
5. Proved standard metal threshold unit of type, size and profile shown as scheduled.

2.11 FINISHES

A. Hardware finishes shall conform to ANSI and shall be as listed below for aluminum, FRP, hollow metal and wood doors:

B. Finishes Table:

Butt Hinges	652 Satin Chrome Plated Steel
Continuous Geared Aluminum Hinges	628 Clear Anodized Aluminum, except at aluminum storefront doors. At Aluminum storefront doors, provide anodized or Kynar finish as required to match specified door finish.
Cont. Pin & Barrel Hinges	630 Satin Stainless Steel
Flush Bolts	626 Satin Chrome Plated
Locksets	626 Satin Chrome Plated
Exit Devices	630/626 Satin Chrome Plated
Door Closers	689 Powder Coat Aluminum
Push Plates	630 Satin Stainless Steel

Pull Plates	630 Satin Stainless Steel
Protective Plates	630 Satin Stainless Steel
Door Stops	626 Satin Chrome Plated
Overhead Holders	630 Satin Stainless Steel

PART 3 - EXECUTION

3.1 INSTALLATION

A. Install each hardware item in compliance with manufacturer's instructions and recommendations. Where cutting and fitting is required to install hardware onto or into surfaces that are later to be painted of finished in another way, install each item completely and then remove and store in a secure place during the finish application. After completion of the finishes, reinstall each item.

1. Do not install surface mounted items until finishes have been completed on the substrate.

B. Conform to ANSI A117.1 for positioning requirements for the handicapped.

3.2 PROTECTION AND CLEANING

A. After installation, clean metal surfaces on both interior and exterior of all mortar, paint and other contaminants. After cleaning, protect work against damage.

3.3 FINAL ADJUSTMENT

A. Whenever hardware is installed more than one month prior to occupancy or acceptance, return during the week prior to acceptance or occupancy and make a final inspection and adjustment of all hardware items in such space or area.

3.4 HARDWARE SCHEDULE

Manufacturer List

Code	Name
AB	ABH Manufacturing Inc.
BE	Best Access Systems
NA	National Guard
PR	Precision/Best
BE	Best Door Closers
HE	HES
ST	Stanley
HA	Hager
MC	McKinney

Option List

Code	Description
C4	CAM-STANDARD CAM
CD	CYLINDER DOGGING
FL	Fire Exit Hardware
HC	Hurricane Code Device
SN	Sex Nuts (Pkg. of 4)
B4E	BEVELED 4 EDGES - KICK PLATES
CSK	COUNTER SINKING OF KICK and MOP PLATES
LBR	LESS BOTTOM ROD
MCS	Mullion Cap Spacer (600 Finish)
S301	OPT. ROLLER. STRK - RIM AND TOP OF SVR
CA-03	Cylinder Attachment Kit (Rim/SVR Device)
SNB (2)	SEX BOLTS (2)
SNB (6)	SEX BOLTS (6)

Finish List

Code	Description
C	Clear Anodized Aluminum
AL	Aluminum
600	Primed for Painting
626	Satin Chromium Plated
630	Satin Stainless Steel
689	Aluminum Painted
BLACK	Black
US26D	Chromium Plated, Dull
US32D	Stainless Steel, Dull

Hardware Sets

SET #E01

Dbl. Exterior Entry Door: 100-1. (Existing to Remain)

NOTE: Restore Frame and Doors.

SET #01

Dbl. Interior Vestibule Door: 100-2. (Existing to Remain)

NOTE: Restore Frame and Doors.

SET #02

Dbl. Interior Doors: 100A. **(ACCESS CONTROL)**

2	Continuous Hinge	661HD UL 83"	AL	ST
1	Removable Mullion	KR822 MCS	600	PR
1	Exit Device-Inactive Leaf	2101 36" CD S301 SNB (2)	630	PR
1	Exit Device-Active Leaf	2103 x 4903D 36" CD S301 SNB (2)	630	PR
2	Rim Cylinder	12E-72 STD	626	BE
2	Mortise Cylinder	1E-74 STD C4	626	BE
4	Construction Core	1C-7 Green	GN	BE
2	Door Closer	HD8016 S-DST	689	BE
1	Electric Strike	9500	630	HE
1	Wiring Harness	QC-C1500		MC
1	Mullion Seal	5100N-86”		NA
2	Silencers	307D	Grey	HA

NOTE: Power Supply, Card Reader and other components by the Security Contractor.

SET #03

Interior Sgl. Secured Access Door: 101. **(ACCESS CONTROL)**

1	Storage Lockset	9K3-7D14D S3 STD	626	BE
1	Construction Core	1C-7 Green	GN	BE
1	Electric Strike	8000C	630	HE
1	Wiring Harness	QC-C1500		MC

NOTE: Power Supply, Card Reader and other components by the Security Contractor.

SET #04

Interior Pair Doors: 403-3.

6	Hinges	FBB168 4 1/2 X 4 1/2	26D	ST
1	Exit Device -Active Leaf	2108 X 4908D 36” CD S301 SNB (2)	630	PR
1	Exit Device-Inactive Leaf	2101 36” CD S301 SNB (2)	630	PR
1	Removable Mullion	KR822 MCS	600	PR
2	Rim Cylinder	12E-72 STD	626	BE
2	Mortise Cylinder	1E-74 STD C4	626	BE
4	Construction Core	1C-7 Green	GN	BE
2	Door Closer	HD8016 SPAT	689	BE
2	Kick Plate	190S 10" x 35" B4E CSK	630	HA
1	Wall Bumper	232W	630	HA
2	Silencers	307D	Grey	HA

SET #05

Interior Sgl. Door: 403-1.

3 Hinges	FBB168 4 1/2 X 4 1/2	26D	ST
1 Exit Device	2108 X 4908D 36” CD S301 SNB (2)	630	PR
1 Rim Cylinder	12E-72 STD	626	BE
1 Mortise Cylinder	1E-74 STD C4	626	BE
2 Construction Core	1C-7 Green	GN	BE
1 Door Closer	HD8016 SPAT	689	BE
1 Kick Plate	190S 10" x 34" B4E CSK	630	HA
1 Wall Bumper	232W	630	HA
3 Silencers	307D	Grey	HA

SET #06

Interior Sgl. Office Doors: 101A, 401B, 402-1, 402-2, 404, 406, 408.

3 Hinges	FBB179 4 1/2 X 4 1/2	26D	ST
1 Office Lockset	9K3-7AB14D S3 STD	626	BE
1 Construction Core	1C-7 Green	GN	BE
1 Kick Plate	190S 10" x 34" B4E CSK	630	HA
1 Wall Bumper	236W	630	HA
3 Silencers	307D	Grey	HA

SET #07

Interior Sgl. Office Door: 401D.

3 Hinges	FBB179 4 1/2 X 4 1/2	26D	ST
1 Office Lockset	9K3-7AB14D S3 STD	626	BE
1 Construction Core	1C-7 Green	GN	BE
1 Kick Plate	190S 10" x 34" B4E CSK	630	HA
1 Floor Stop	242F	626	HA
3 Silencers	307D	Grey	HA

SET #08

Interior Sgl. Office Doors: 401, 405, 407.

3 Hinges	FBB179 4 1/2 X 4 1/2	26D	ST
1 Office Lockset	9K3-7AB14D S3 STD	626	BE
1 Construction Core	1C-7 Green	GN	BE
1 Door Closer	HD8016 AF80P	689	BE
1 Kick Plate	190S 10" x 34" B4E CSK	630	HA
1 Wall Bumper	236W	630	HA
3 Silencers	307D	Grey	HA

SET #09

Interior Sgl. Door: 401E.

3 Hinges	FBB179 4 1/2 X 4 1/2 NRP	26D	ST
1 Storage Lockset	9K3-7D14D S3 STD	626	BE
1 Construction Core	1C-7 Green	GN	BE
1 Wall Stop	236W	630	HA
3 Silencers	307D	Grey	HA

SET #10

Interior Sgl. Toilet Door: 405B.

3 Hinges	FBB179 4 1/2 X 4 1/2	26D	ST
1 Privacy Set	9K3-0L14D S3	626	BE
1 Door Closer	HD8016 AF80P	689	BE
1 Kick Plate	190S 10" x 34" B4E CSK	630	HA
1 Wall Bumper	236W	630	HA
3 Silencers	307D	Grey	HA

SET #11

Interior Sgl. Passage Doors: 405A-1, 405A-2.

3 Hinges	FBB179 4 1/2 X 4 1/2	26D	ST
1 Passage Set	9K3-0N14D S3	626	BE
1 Wall Bumper	232W	630	HA
3 Silencers	307D	Grey	HA

SET #12

Existing Interior Sgl. Office Doors: 401A, 401C, 403A, 403-2

1 Office Lockset	9K3-7AB14D S3 STD	626	BE
1 Construction Core	1C-7 Green	GN	BE

NOTE: Replace Existing Knob Style Locksets with Lever Handle Locksets.
All other Hardware to remain.

NOTES:

A) INSTALL ALL DOOR CLOSERS AWAY FROM CORRIDORS AND PUBLIC VIEW.
B) ALL EXTERIOR & INTERIOR CYLINDERS AND LOCKSETS TO HAVE KEYED CONSTRUCTION CORES THROUGH-OUT THE CONSTRUCTION PHASE.

END OF SECTION 087100

MECHANICAL
SPECIFICATIONS
15000

SECTION 15400 - PLUMBING

PART 1 - GENERAL

SCOPE OF WORK

The work to be performed under this section of the Specification shall include all labor, materials, equipment, transportation, construction, facilities, and incidentals necessary for the proper execution and completion of all Plumbing work as shown and indicated on the Contract Drawings, and/or specified herein with the intent that the installation shall be complete in every respect and ready for use. The work required under this section of the specification shall include specifically, but is not limited to the following:

Cold water piping and connections to new fixtures as shown or indicated on the drawings.

Hot water supply piping, including connections to new fixtures, as shown or indicated on the drawings.

A system of sanitary soil, waste, and vent piping including connections to existing services, and new fixtures as shown or indicated on the drawings.

A system of thermal insulation for all new potable water piping.

All fixtures and equipment as hereinafter specified, completely installed and operational.

All necessary cutting and/or core drilling to install plumbing systems in this section.

RELATED DOCUMENTS

Drawings and general provision of the Contract, including General and Supplementary Conditions and Division 1 specification sections apply to work specified in this section.

GUARANTEE

All materials and equipment provided and/or installed under this section of the specifications shall be guaranteed for a period of one year from the date of acceptance of the work by the Owner. Should any trouble develop during this period due to defective materials or faulty workmanship, the Contractor shall furnish all necessary labor and materials to correct the trouble without any cost to the Owner. Any defective materials or inferior workmanship noticed at the time of installation and/or during the guarantee period shall be corrected immediately to the satisfaction of the architect.

CODES AND REGULATIONS

All work performed under this section shall conform with all local governing regulations, and in case of conflicting requirements, the most stringent shall apply. Minimum

requirements shall be the International Building Code. All electrically operated equipment specified in this section shall comply with the National Electrical Code.
Should it be found that any part of the work shown or specified is not in accordance with local regulations, the Architect shall be so advised at the time of bidding and all work installed as required to meet the local codes.

The Contractor shall comply with the latest revisions of all county, district, municipal, or local building codes, interpretations, buildings permits to include but not be limited to:

2021 International Building Code
2021 International Fire Code
2021 International Mechanical Code
2021 International Plumbing Code
2010 ADA Standards for Accessible Design
NFPA-101 - Life Safety Code
Local Municipal Codes
National Electrical Code (NFPA 70)

FEES AND PERMITS

The Plumbing Subcontractor shall obtain and pay for all permits, fees for inspection, and other charges that may be necessary for fully completing the work. The Plumbing Subcontractor shall make all necessary tests required by City, County, or State authorities, legal regulations, and/or the Architect, and return to the Architect any certificates of approval issued in this district for plumbing work, etc. signed by the inspector in charge of each particular part of the work.

RECORD DRAWINGS

Contractor shall keep a set of reproducible drawings on site at all times and log all changes made during construction period. No deviations from the drawings and specifications shall be made without full knowledge and consent of the Architect. Record drawings shall show dimensions, locations, and depth of all buried and concealed piping, plugged outlets, and equipment, and shall keep up-to-date. No plumbing progress payments will be approved unless as-built drawings are up-to-date. Upon completion of work, sepias shall be turned over to the Architect.

COOPERATION

The Contractor shall lay out and proceed with his work so that this work will be executed in harmony with all other contractors and trades on the job.

VISITING THE PREMISES

The Contractor, before submitting his bid on the work, must visit the site and familiarize himself with all existing conditions. As a result of having visited the premises, the Contractor shall be responsible for the installation of the work as it relates to such existing conditions. The submission of a bid will be considered an acknowledgment on

the part of the bidder of his visitation to the site.

VERIFICATION OF CONTRACT DRAWINGS

The drawings and specifications are intended to cooperate. Any materials, equipment, or systems related to this section and exhibited on the architectural and plumbing drawings, but not mentioned in the specifications are to be executed to the intent and meaning thereof, as if it were both mentioned in the specification and set forth on the drawings. Where the Contractor finds the specification and/or drawings to be in conflict or where they are not clear, same shall be brought to the attention of the Architect prior to submitting a bid.

The plans indicate the general arrangement of the existing utilities. The locations of piping are approximate for clarity. Exact locations shall be determined in the field by the Contractor. In the event it should become necessary to change the locations of any work due to building construction, etc., the Contractor shall secure the approval of the Architect before making the changes. Any changes approved by the Architect shall be made without added cost to the Owner. Under no circumstances shall the sizes indicated on the drawings be changed without securing written approval of the Architect.

The drawings are diagrammatic and do not necessarily show or indicate all fittings, offsets, and accessories which may be required. The Contractor shall carefully investigate the structural and finish conditions affecting all his work as well as the operational requirements of each system and shall arrange such work accordingly, furnishing such fittings, etc., as may be required for the proper and efficient functioning of each system. No unnecessary or unauthorized offsets will be permitted.

WORKMANSHIP

All workmanship performed under this section shall be executed in a first class manner in accordance with the best practices of the trade. The Architect reserves the right to accept or reject workmanship and determine when the Contractor has complied with the requirements herein specified. Only competent mechanics skilled in their respective trades shall be employed by the Contractor.

RESPONSIBILITY OF BIDDER

Each bidder shall visit the site of the proposed work and fully acquaint himself with conditions relating to the construction requirements so that he may fully understand the facilities, difficulties and restrictions contingent upon the execution of the work under this contract. The failure or omission of any bidder to receive or examine any form, instrument, addendum or other document shall in no way relieve any bidder from his obligations with respect to his bid or the contract. The submission of a bid shall be taken as prima fascie evidence of compliance with this paragraph and that he has included in his proposal every item of cost necessary for a complete installation of air conditioning, heating and ventilation operations strictly as planned, specified, and intended.

NOISE AND VIBRATION

This Contractor shall be held responsible for elimination of all noises or vibrations transmitted to occupied areas from equipment which he may install. This appliesparticularly to vibration and noises in piping. He shall furnish and install water hammer arrestors, flexible connectors for piping, etc., as may be necessary.

SUBMITTAL DATA

Materials and equipment schedules shall be submitted as soon as practicable, but not later than 30 days after the date of award of contract, and before commencement of installation of any material or equipment. A complete schedule of the material and equipment proposed for installation shall be submitted in proper binders (3-ring or fastener type), properly marked for approval by the Architect. The schedule shall include catalogs, cuts, diagrams, drawings, specifications and such other descriptive data as may be required by the Architect. The schedule and supplementary data shall be submitted in six (6) copies, and approval obtained. All materials required to be submitted for approval under this section shall be submitted at one time.

Partial submittals will not be considered. Each item submitted shall be identified by its applicable drawing number.

Where equipment named as equivalent or approved equal are proposed for use by the Contractor, he shall be responsible to coordinate any changes with all trades affected.

The following equipment and material shall be submitted for approval:

Valves
Cleanouts
Access Panels
Piping and materials
Insulation
Plumbing fixtures, including traps, supplies, and carriers
Water Hammer Arrestors
Floor Drains
Trap Primers

START-UP SERVICE

The Contractor shall put all items installed under this section into operation and shall instruct the Owner's maintenance personnel in all points requiring service and maintenance. Further, the Contractor shall make all adjustments and/or service requirements to said equipment during the first 60 days of actual occupancy.

PIPING

Provide pipe sleeves through masonry construction, and install escutcheon plates

around exposed piping in all rooms.

Soil, waste and vent lines shall be Schedule 40 PVC-DWV in accordance with Commercial Standards CS272-65 or ASTM Standards D2665-68. Soil, waste, and vent lines penetrating a fire rated wall or floor shall be service weight cast iron at the point of penetration only.

All plastic pipe shall bear the NSF Seal of Approval, and such other markings as required by the aforementioned standards.

Above slab cold water and hot water piping shall be Type "L" hard copper with sweated joints, using wrought fittings and non-corrosive flux. Below slab cold water piping shall be type "K" soft copper tubing.

Where pipes pass through firewalls, fire partitions, or fire rated floors, an approved UL Fire Seal shall be provided. System employed shall be assigned an approval number in accordance with 1990 Fire Resistance Directory published by Underwriters' Laboratories.

PIPE SUPPORT

Hangers: Support all suspended piping with clevis type hangers equal to Piping Technology and Products Fig. 83, 5'-0" o.c. When attached to open-web bar joists, the hanger shall be supported from both chords at the same time. The hanger is preferred to pass between the chords, not attached to the webbing member, and supported on top of the chords. This is a concentric application. Architect shall approve all methods of attachment of hangers to construction. Hangers in contact with copper piping shall be copper, or copper plated.

Vertical Support: Steel bar base clamped to pipe or grip strut channel with offset clamps. Support members to be of same material as supported material where possible.

All anchorages shall be to studs or solid blocking built into the wall. No plumbing straps shall be used.

PIPING PLACEMENT

Place in most direct manner permitted by construction, free of unnecessary offsets, making changes in direction by means of standard fittings.

Grade 2" waste lines 1/4" per foot and 3" and 4" waste lines 1/8" per foot for positive flow. Secure all piping to structure.

Changes in direction of drainage pipe shall be made by means of suitable bends and branches of Y's and long sweeps. Short radius quarter bends are prohibited. Make no change in direction of flow greater than 90□. Where different sizes of drainage pipes or fittings are connected, use standard increasers and reducers of proper size. Do not

reduce size of drainage piping in direction of flow. Drilling and tapping of house drains, soil waste or vent pipes, and use of saddle hubs and bands are prohibited.

Waste Arms
Type "K" copper or IPS brass pipe typical; Alloy steel or IPS brass pipe at urinals.

Test Fittings
Not shown on the drawings; provide where required for partial tests. Provide test tees at base of all stacks.

Hand holes with brass ferrules and brass trap screws for cleanouts shall be placed at ends of soil and waste pipe and where otherwise shown on plans or as required on job. Cleanouts to be brought flush with face of walls. All threaded plugs shall be full size of pipe on which placed up to 4".

Soil Pipe
Support to firm earth below floor slabs.

Changes in direction of drainage pipe shall be made by means of suitable bends and branches of Y's and long sweeps. Short radius quarter bends are prohibited.

Connections of vertical soil pipe to all connections in horizontal soil pipe to be made by "Y" fittings.

Vent Pipes
Main soil pipe stacks to be extended up through the building full size with increaser through roof per code.

Connect branch vents into main stacks with connections not less than 4 feet above the highest fixture.

All vent stacks shall be connected at the bottom to main drainage system and all horizontal runs shall be graded so as to discharge all water or condensation.

Water Piping
Place supply pipes as shown or as directed in neat arrangement and parallel or at right angles to walls, joists, etc.

Place shock absorbers at each fixture group as recommended by manufacturer. Shock absorbers shall be PDI certified.

Place valves on all water pipe risers and branch lines at point where risers and branch lines connect to main water lines.

PART 2 – PRODUCTS

WATER PIPING

All water piping, unless otherwise shown or specified shall be copper pipe Type L or K as specified having a wall thickness of not less than .035 inches. It shall be clean, round, straight, and true to size, free from flaws and other defects.

All fittings on copper pipe shall be copper. The pipe and fittings shall be thoroughly cleaned before inserting into the joint and then soldered with lead free solder.

UNIONS

Unions shall be provided on inlet and outlet of all apparatus and equipment. Where valves are adjacent to equipment, unions shall be between valves and equipment.

Unions in copper pipe shall be cast bronze, WOG pattern, ground joint, 150 psi type.

Unions in steel pipe shall be malleable iron, WOG female pattern brass seat, ground joint, 150 psi type.

Unions connecting dissimilar metals shall be dielectric type.

TRAP PRIMER DISTRIBUTION UNIT

Zurn Z1072 barrier trap seal or equal to be provided for all floor drains in lieu of trap primer. Unit shall be installed per manufacturer's instructions.

VALVES AND COCKS

Valves and cocks shall be installed where shown on the drawings, and/or where found to be necessary for proper operation of the system. All branches from risers, all branches from mains, and all fixtures or equipment not having stops shall be provided with valves whether shown or not.
Angle or straightway chromium plated stops on the supplies to all fixtures accessible from the same room in which the fixtures are located.

All valves shall be the product of one manufacturer as cataloged by Milwaukee, Stockham, Crane, or Nibco.

For water piping, valves shall be equal to 125 psi SWP/200 psi WOG Nibco as follows:
Gate valves 1/2" to 3" = S-111.
Ball valves 1/2" to 2" = S-585.

THERMAL INSULATION WORK

All insulation work shall be performed by experienced insulation application mechanics thoroughly familiar with and experienced in the application of insulation materials. All insulation materials shall be applied in accordance with manufacturer's published

recommended methods. Installation and finish of insulation materials shall meet with complete data for approval of materials and application methods as proposed for use. All piping shall be pressure tested and all surfaces shall be thoroughly cleaned before covering is applied. Insulation materials, including sealer, adhesive, finished, etc., shall meet NFPA Standards with regard to flame spread and support of combustion.

All domestic cold water piping and all hot domestic water piping less than 1-1/2” in diameter shall be covered with 1" thick heavy density fiberglass sectional pipe insulation equal to Owens Corning Fiberglass 25 ASJ/SSL, excluding piping below grade or chromium plated fixture connections. All hot domestic water piping 1-1/2” in diameter or larger shall be covered with 1-1/2" thick heavy density fiberglass sectional pipe insulation equal to Owens Corning Fiberglass 25 ASJ/SSL, excluding piping below grade or chromium plated fixture connections. All piping inside masonry walls shall be insulated; no exceptions. Armaflex type insulation shall be allowed only before building is dried-in in those locations which will be inaccessible for the installation of the aforementioned fiberglass insulation. All exposed hot and cold water piping shall be labelled as required by ASME A13.1.

Fittings for the above shall be insulated with premolded fitting insulation of the same material and thickness as the adjacent insulation and shall be covered with a premolded plastic (PVC) vapor barrier and sealed with vapor barrier lagging adhesive. Covering adjacent to unions and other points of termination shall be finished with the plastic material neatly beveled.

It shall be the responsibility of the insulation subcontractor to coordinate hanger locations and prevent crushing or breaking finishes. Provide saddles with blocking as necessary.

Contractor shall insulate hot water supply assembly and P-Trap assembly with insulation kit equal to Brocar or Trubro on handicapped lavatories.

FLOOR, WALL, AND CEILING PLATES

Nickel plated floor, wall, and ceiling plates shall be provided on all pipes passing through floor, ceiling, or partition. Nickel or chromium plated escutcheons shall be provided on all fixture supplies.

PLUMBING FIXTURES AND EQUIPMENT

Provide roughing-in for and connect to supply lines, waste and vent lines, all equipment, fixtures, drains, etc., specified herein or in other sections of the specifications which require such connections.

Provide stops in hot and cold water upstream of connections to each fixture, equipment items, etc. Where not otherwise specified, stops shall be same as specified hereinbefore for ball valves. Provide deep escutcheon on all sinks and lavatories where waste pipe goes into wall. Anchor all supplies from wall securely within wall construction.

Provide stops for all fixtures. Traps for all fixtures shall be 17- gauge chromium plated brass.

Plumbing fixtures shall be equal to American Standard, Crane, Kohler, Just, Elkay or Eljer. Faucets and valves shall be equal to Sloan, Zurn, Delta, American Standard, Kohler, Just or T&S Brass. No others will be accepted.

Plumbing fixtures shall be as follows:

P-1 WATER CLOSET (HANDICAPPED): Kohler K-84325, elongated bowl, wall mounted, back outlet, flush valve type with Sloan Royal 111 flush valve. Provide Olsonite 10SSC white open front seat (less cover), two bolt caps and floor mounted carrier. Install per ADA requirements.

P-2 LAVATORY (HANDICAPPED): Kohler K-2005, 20"x18" wall hung vitreous china with Delta 505 single lever faucet and grid waste. Provide 1-1/4", 17-gauge P-Trap, flexible supplies with stops equal to Brasscraft, Leonard model 170 thermostatic mixing valve, insulation kit, and Zurn Z1231 concealed arm carrier. Install per ADA requirements.

P-3 NURSE SINK (HANDICAPPED): Elkay LRAD172265, 17”x22”x6-1/2” deep stainless steel, counter mounted, single-compartment sink. Provide T&S B-2866-04 gooseneck faucet (minimum 5" clearance from deck to spray) with wrist blade handles, cup strainer, 1-1/2", 17-gauge P-Trap, flexible supplies with stops equal to Brasscraft, Leonard model 170 thermostatic mixing valve, and insulation kit. Install per ADA requirements.

P-4 ICE MAKER BOX: Guy Gray BIM875 fully recessed, with 1/2” FIP inlet and 1/4”O.D. outlet compression valve.

Floor Drains (Typical locations): Zurn ZN-415S Series with polished nickel bronze, square heel-proof strainer and adjustable collar. Floor drains shall be provided with trap guard device, (or equal), as indicated on plans.

CLEANOUTS

Provide in cast iron sanitary piping at all changes in direction at ends of branches, at intervals not exceeding 40' on straight runs, and elsewhere as shown. Cleanouts shall be full opening type completely accessible. Size same as lines in which they occur, but not larger than 4". Tees and extensions shall be of same weight as pipe. Plugs shall be countersunk type. Catalog numbers from Josam or approved equal.

In Finished Walls: 58790 cast iron cleanout tee with ABS plug and stainless steel wall plate cover. Where distance from plug to finish wall will exceed 4", provide 58710 extend cover from sanitary tee to bring plug within 4".

PART 3 - EXECUTION

COMPLETION OF WORK

This Contractor shall arrange for the installation of all equipment in order that it progresses along with the general construction of the building, and in no case shall be hold up other phases of the work due to the fact his equipment is not properly installed.

TESTING

General: Perform all tests in the presence of the Architect or his representative. Test shall conform to local code requirements. File copies of all test reports in duplicate to physical plant.

Soil, Waste, and Vent Systems: Plug all openings, fill entire system with water to point of overflow and hold for at least one hour before inspection. System must remain full during the test without leakage. Each vertical stack with its branches may be tested separately, but any portion tested must have a 10' head. Provide test tees and plugs for all tests as required.

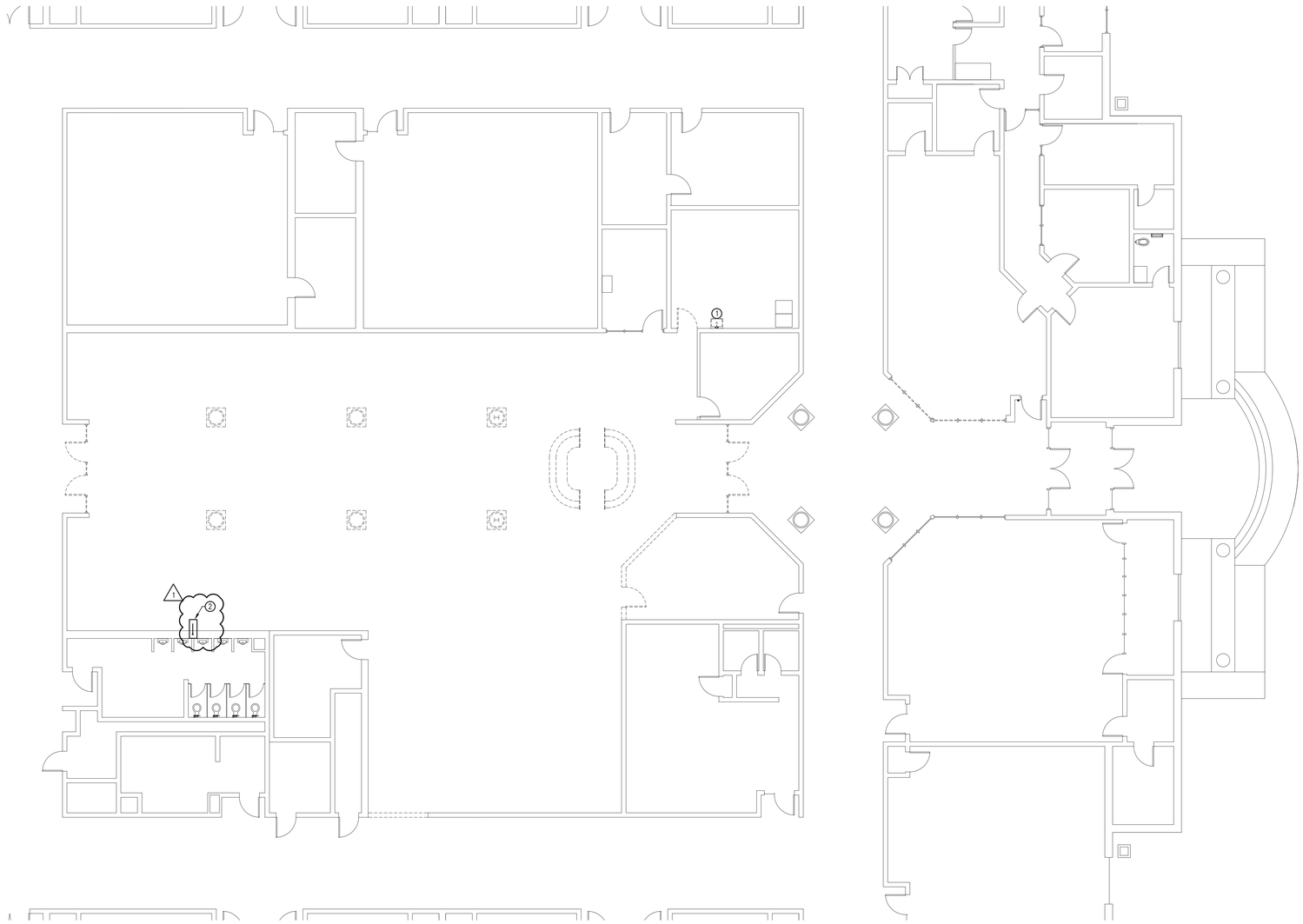
Drainage and Vent Systems final test. Fill all traps with water and then introduce into the entire system a pungent, thick smoke produced by one or more smoke machines. When the smoke appears at stack openings on the roof, the stack openings shall be closed and a pressure equivalent to a one-inch water column shall be held for a test period of not less than 15 minutes. The plumbing contractor shall provide all materials, equipment and labor to perform this testing.

Water Supply System: Test and secure acceptance of entire system before the piping or hot water heaters are otherwise concealed. Test as follows: Disconnect and cap all outlets to plumbing fixtures and all other equipment not designed for the full test pressure. Fill the system with water; apply 150 psi hydrostatic pressure and hold until inspection is completed. All piping throughout shall be tight under test. Water piping shall remain under normal water pressure during construction where freezing conditions do not exist.

DISINFECTION

Disinfect all domestic water piping in accordance with local health department guidelines.

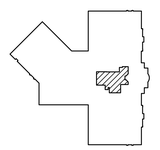
END OF SECTION 15400



PLUMBING DEMOLITION PLAN - MEDIA CENTER
SCALE: 1/8" = 1'-0"

PLUMBING DEMOLITION KEYNOTES

1. EXISTING PLUMBING FIXTURE TO BE REMOVED COMPLETELY. ALL UTILITY PIPING (WASTE, WATER, AND VENT PIPING) SERVING REMOVED FIXTURES SHALL BE CAPPED AIR TIGHT OUTSIDE OF OCCUPIED SPACE (ABOVE CEILING, BELOW FLOOR, OR INSIDE WALLS). ANY WASTE PIPING NOT BEING REUSED SHALL BE REMOVED TO ACCOMMODATE NEW CONSTRUCTION, OTHERWISE, ABANDON IN PLACE. SEAL ABANDONED PIPING AIR TIGHT AND RODENT PROOF. PREPARE EXISTING WASTE, WATER, AND VENT PIPING FOR CONNECTION TO NEW WORK.
2. EXISTING BLOCK WALL TO BE CUT AND CONCRETE REMOVED TO ACCOMMODATE INSTALLATION OF NEW WASTE PIPING. COORDINATE LIMITS OF DEMOLITION WITH NEW WORK PLAN.



KEY PLAN

H.M. YONGE & ASSOCIATES, INC.
CONSULTING ENGINEERS // EST. 1988
51 EAST GREGORY STREET
PENSACOLA, FLORIDA 32502
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253 ST. ANTHONY STREET
MOBILE, ALABAMA 36603
PHONE: (251)690-7446

LATHAN ▪ McKEE ARCHITECTS

SITE IMPROVEMENTS AND
INTERIOR ALTERATIONS TO
BALDWIN COUNTY HIGH SCHOOL
ONE TIGER DRIVE
BAY MINETTE, ALABAMA 36507
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: PLUMBING DEMOLITION PLAN - MEDIA CENTER

PROJ. MGR.:	H.M. YONGE
DRAWN:	L. SUMLIN
DATE:	10-29-2025
REVISIONS	
1	ADDENDUM 11/07/2025

JOB NO. 25-160A

SHEET NO:

PD1.1

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- Friday, November 7, 2025 9:54:00 AM

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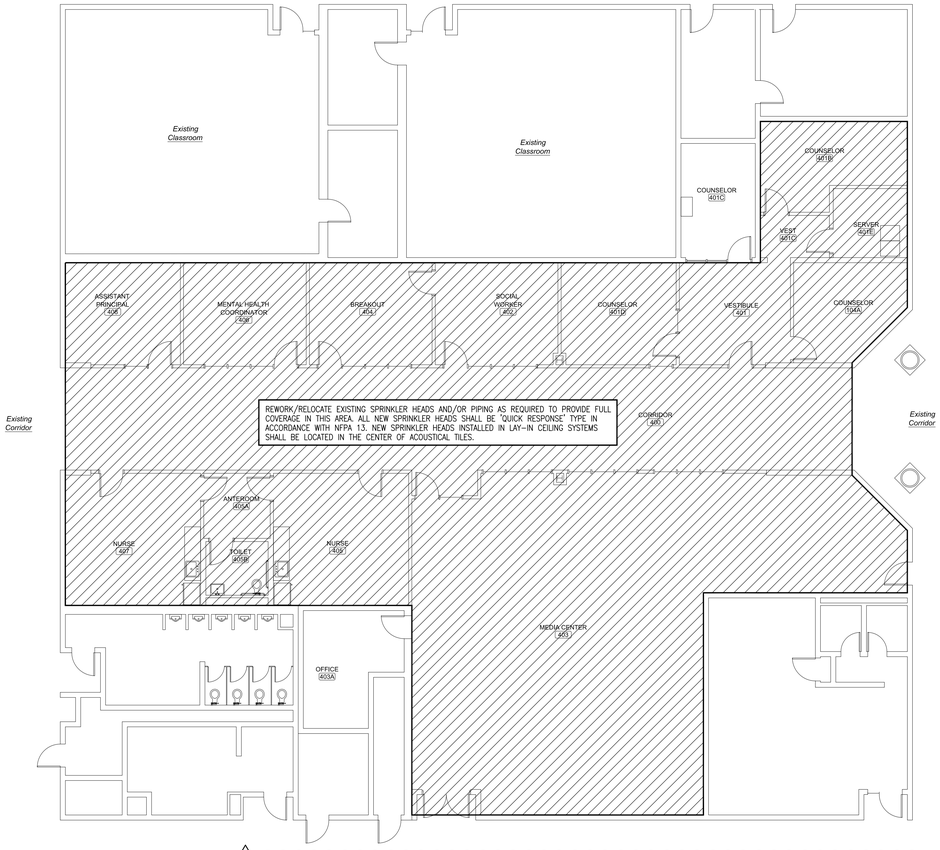

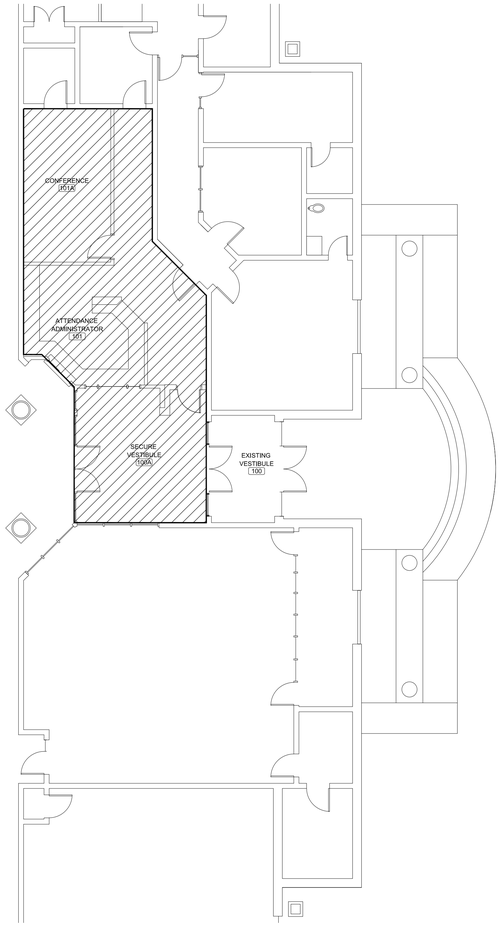

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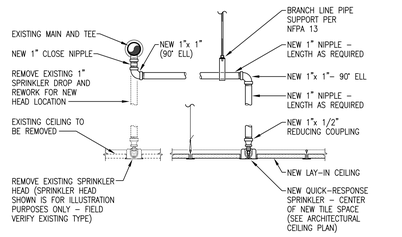
FIRE PROTECTION NEW WORK PLAN - MEDIA CENTER

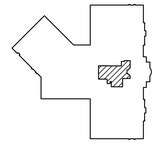
SCALE: 1/8" = 1'-0"



NOTE:
A MIX OF STANDARD RESPONSE TYPE AND QUICK RESPONSE TYPE SPRINKLER HEADS IN A SINGLE COMPARTMENT SPACE IS PROHIBITED. RELOCATE OR REPLACE EXISTING SPRINKLER HEADS AS REQUIRED TO PROVIDE SPRINKLER HEADS OF ONE TYPE AND STYLE IN A SINGLE SPACE OR ROOM TO COMPLY WITH NFPA 13, (8.3.3)

MODIFIED SPRINKLER DROP DETAIL

NOT TO SCALE



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SITE IMPROVEMENTS AND INTERIOR ALTERATIONS TO BALDWIN COUNTY HIGH SCHOOL
ONE TIGER DRIVE
BAY MINETTE, ALABAMA 36507
BALDWIN COUNTY PUBLIC SCHOOLS

SHEET TITLE: FIRE PROTECTION NEW WORK PLAN - MEDIA CENTER

REGISTERED ENGINEER
No. 14948
PROFESSIONAL
ENGINEER
STATE OF ALABAMA
10/14/25

PROJ. MGR.:	H.M. YONGE
DRAWN:	S. ACREE
DATE:	10-29-2025
REVISIONS	11-07-2025
1	ADDENDUM 11/07/2025

JOB NO. 25-160A

SHEET NO: FP1.1

0 1" 2"