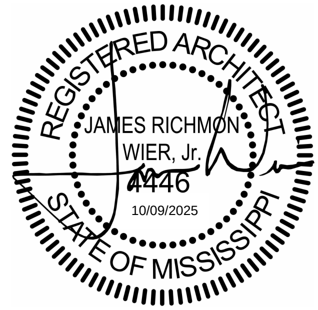

October 9th, 2025

Project Name: PPSD CTE Renovations
Project Number: 25-009

ADDENDUM NO. 1

NOTICE TO ALL DOCUMENT HOLDERS:
The following additions, deletions, changes and clarifications to the drawings and specifications are to be included as part of the Contract Documents.

SPECIFICATIONS

ITEM NO. 01 **00.0110 Table of Contents**
REPLACE the section 00.0110 Table of Contents with the attached.
Added specification section 04.2510 Unit Masonry Staining

ITEM NO. 02 **00.1113 Advertisement for Bids**
REPLACE the section 00.1113 Advertisement for Bids with the attached.
Remove line 4-D that mentions a deposit check to obtain documents. Revised line 4-C to accurately show where bid documents may be obtained at.

ITEM NO. 03 **00.4100 Bid Form**
REPLACE the section 00.4100 Bid Form with the attached.
Clarified the Contract Time

ITEM NO. 04 **01.1000 Summary**
REPLACE the section 01.1000 Summary with the attached.
Clarified the Contract Time

ITEM NO. 05 **04.2000 Unit Masonry**
REPLACE the section 04.2000 Unit Masonry with the attached.
Added "Part 2 Product, section 6 Mortar and Grout, subsections A-E"

ITEM NO. 06 **04.2510 Unit Masonry Staining**
ADD the attached Unit Masonry Staining to the bid documents

ITEM NO. 07 **10.4400 Fire Protection Specialties**
REPLACE the section 10.4400 Fire Protection Specialties with the attached.
Clarified the type of portable fire extinguishers

2727 OLD CANTON RD | SUITE 200 | JACKSON, MS 39216 | 601.321.9107WBAARCHITECTURE.COM

DRAWINGS

ITEM NO. 08 **Sheet R200 | LIFE SAFETY COMPLIANCE**
REPLACE sheet R200: Life Safety Compliance
Clarification: Added location of portable fire extinguishers

ITEM NO. 09 **Sheet A101 | FIRST FLOOR PLAN**
REPLACE sheet A101: First Floor Plan
Clarification: Revised ceiling type in restrooms

ITEM NO. 10 **Sheet E200 | MECHANICAL PLAN**
REPLACE sheet E200: Mechanical Plan
Clarification: Located new pullbox

RFI QUESTIONS

QUESTION 01 *"Please clarify the contract time, phase start dates and durations documents conflict and/or are unclear for the below references. Can you clarify the Notice to Proceed Date for Phase 1 and Phase 2, and clarify the project duration for Phase 1 and Phase 2. Section 00.4100 - Bid Form and Section 01.1000 - Summary conflict as follows: --Section 00.4100 states Complete Phase 1 Work by January 1st, 2026, Complete Phase 2 work in 124 Calendar Days from Notice to Proceed Section 01.100 states November 2025 - Notice to proceed, January 1, 2026 Phase 1 work to be completed, March 2026 Phase 2 work to be completed"*

ANSWER 01 See revised specification sections 00.4100 bid form and 01.1000 summary for clarification

QUESTION 02 "*Drawing A201 - Note states "Stain Existing Brick Grout, Coordinate Color with Owner", separate note calls to "Clean Entire Facade, Typ.". Unclear on what is required here, are we just cleaning the brick veneer and EIFS, or are we staining the grout. If staining what product are we to use?"*

ANSWER 02 The scope of work includes a thorough cleaning of the entire façade, including all brick, doors, EIFS, and associated surfaces. In addition, the existing grout joints will be treated with a masonry stain to achieve a uniform color change. Refer to specification 04.2510 Unit Masonry Staining for product and application requirements.

QUESTION 03 *"Drawing A101 - Finish Schedule calls out ACT 2 for the Men's and Women's Restrooms, Enlarged Plan of Restrooms notes ACT 1 to be used. Please clarify which ACT is to be used."*

ANSWER 03 See revised sheet A101 First Floor Plan for clarification

QUESTION 04 "Section 07.4213 - Metal Wall Panels - Can not find on the drawings where metal wall panels are utilized. Please clarify where this section applies to the project."

ANSWER 04 Refer to Detail 5/A101. At the mezzanine level, where the wall is being extended to the underside of the deck, a new corrugated metal panel will be installed to match the existing paneling within the space.

QUESTION 05 "Section 10.440 - Fire Protection Specialties - Please indicate quantity, type and locations for this scope of work."

ANSWER 05 See revised sheet R300 Life Safety Compliance and revised specification section 10.440 for clarification.

Encl: 00.0110 Table of Contents (8.5x11), 00.1113 Advertisement for Bids (8.5x11), 00.4100 Bid Form (8.5x11), 01.1000 Summary (8.5x11), 04.2000 Unit Masonry (8.5x11), 04.2510 Unit Masonry Staining (8.5x11), 10.4400 Fire Protection Specialities (8.5x11), R200 Life Safety Compliance (24"x36"), A101 First Floor Plan (24"x36"), E200 Mechanical Plan (24"x36")

Cc: All document holders

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DIVISION 05 - METALS

DIVISION 06 - ROUGH CARPENTRY

DIVISION 07 - THERMAL AND MOISTURE PROTECTION

DIVISION 08 - OPENINGS

DIVISION 09 - FINISHES

DIVISION 10 - SPECIALTIES

DIVISION 22 - PLUMBING

See Plumbing Drawings

DIVISION 23 - HEATING, VENTILATING, AND AIR-CONDITIONING

See HVAC Drawings

DIVISION 26 - ELECTRICAL

Advertisement for Bids

FROM:

1. THE (HEREINAFTER REFERRED TO AS OWNER):
    A. Pearl Public School District
    B. 3375 Highway 80 East, Pearl, MS 39208
    C. 601.932.7921
2. AND THE ARCHITECT (HEREINAFTER REFERRED TO AS ARCHITECT):
    A. Wier Boerner Allin Architecture
    B. Address:2727 Old Canton Rd, Suite 200, Jackson MS
    C. 601.321.9107
3. DATE: SEPTEMBER 24TH, 2025
4. TO: POTENTIAL BIDDERS
    A. Your firm is invited to submit an offer under seal to Owner for construction of a facility located at the above address before 2:00 pm local standard time on the 30th day of October, 2025, for:
    B. Project Description: This project involves transforming an abandoned fire station into a new vocational school. The scope includes light renovations to both the interior and exterior, with a focus on functionality, accessibility, and modernization. Planned improvements consist of a thorough deep cleaning of the facility, upgrades to ensure full ADA accessibility, and a fresh coat of paint throughout. Minor exterior enhancements to the building's facade will improve curb appeal while maintaining the existing character of the structure. In addition, selective updates will be made to building systems to bring the facility up to current standards and ensure it is well equipped to serve its new purpose as a learning environment. This project will be broken into two phases: Phase One: Will focus on the interior renovations so that students can occupy the intended spaces as quickly as possible. Phase Two: Will address the exterior site improvements and facade upgrades to complete the transformation of the facility..
    C. Bid documents may be obtained at planroom.jaxblue.com. All interested bidders are required to have a valid email address for registration and ordering. Printing costs shall be the responsibility of the bidder.
    D. Pre-Bid Meeting: A pre-bid meeting will be held at the project site located at 3603 US-80, Jackson, MS 39208, on the 21st day of October, 2025, at 2:00 p.m. All bidders are invited to attend to walk the site and ask any remaining questions.
    E. Bidders will be required to provide Bid security in the form of a Bid Bond of a sum no less than 5 percent of the Bid Amount.
    F. Refer to other bidding requirements described in Document 00.2113 - Instructions to Bidders and Document 00.3100 - Available Project Information.
    G. Submit your offer on the Bid Form provided. Bidders may supplement this form as appropriate.
    H. Your offer will be required to be submitted under a condition of irrevocability for a period of 60 days after submission.
    I. The Owner reserves the right to accept or reject any or all offers.
5. SIGNATURE
    A. For: Pearl Public School District
    B. By: Wier Boerner Allin Architecture on Behalf of the Pearl Public School District
        1. Signed: ________________________________
        2. (Authorized signing officer)

6. DATES OF PUBLICATION:
   A. 1st advertisement: October 1st, 2025
   B. 2nd advertisement: October 8th, 2025

END OF SECTION

Bid Form

THE PROJECT AND THE PARTIES

1. TO:
   A. Pearl Public School District (Owner)
2. FOR:
   A. Pearl Public School District CTE Renovations
3. DATE: _______________ (BIDDER TO ENTER DATE)
4. SUBMITTED BY: (BIDDER TO ENTER NAME AND ADDRESS)
5. (HTTP://SOS.STATE.MS.US/BUSSERV/CORP/SOSKB/CSEARCH.ASP), WHICH SHOULD BE THE SAME AS YOU APPLIED FOR AT THE MISSISSIPPI STATE BOARD OF CONTRACTORS (HTTP://WWW.MSBOC.US/SEARCH2.CFM) (SEE 2.07, 3.01, 5.01) PLEASE LOOK IT UP AT SECRETARY OF STATE. SECRETARY OF STATE RULES WHEN THEY ARE DIFFERENT
6. OFFER
   A. Having examined the Place of The Work and all matters referred to in the Instructions to Bidders and the Bid Documents prepared by Wier Boerner Allin Architecture, PPLC for the above mentioned project, we, the undersigned, hereby offer to enter into a Contract to perform the Work for the Sum of:
   B. ____
   ____ dollars
   ($_______________________), in lawful money of the United States of America.
   C. We have included the required security deposit as required by the Instruction to Bidders.
   D. All applicable federal taxes are included and State of Mississippi taxes are included in the Bid Sum.
   E. All Cash and Contingency Allowances described in Section 01.2100 - Allowances are included in the Bid Sum.
   F. ALTERNATES:
      1. ALTERNATE #1 (ADD or DEDUCT): $_____________________
         a. (amount in words)____
7. ACCEPTANCE
   A. This offer shall be open to acceptance and is irrevocable for thirty days from the bid closing date.
   B. If this bid is accepted by Owner within the time period stated above, we will:
      1. Execute the Agreement within seven days of receipt of Notice of Award.
      2. Furnish the required bonds within seven days of receipt of Notice of Award.
      3. Commence work within seven days after written Notice to Proceed of this bid.
   C. If this bid is accepted within the time stated, and we fail to commence the Work or we fail to provide the required Bond(s), the security deposit shall be forfeited as damages to Owner by reason of our failure, limited in amount to the lesser of the face value of the security deposit or the difference between this bid and the bid upon which a Contract is signed.
   D. In the event our bid is not accepted within the time stated above, the required security deposit shall be returned to the undersigned, in accordance with the provisions of the Instructions to Bidders; unless a mutually satisfactory arrangement is made for its retention and validity for an extended period of time.
8. CONTRACT TIME
   A. If this Bid is accepted, we will:
   B. Complete the phase 1 Work by **January 1st, 2026**
   C. Complete the phase 2 Work by **March 27th, 2026**

9. UNIT PRICES
   A. The following are Unit Prices for specific portions of the Work as listed. The following is the list of Unit Prices:
   B. ITEM DESCRIPTION - UNIT QUANTITY - UNIT PRICE - ITEM VALUE
   C. _______________ - ____________ - _________ - $ ....
10. ADDENDA
    A. The following Addenda have been received. The modifications to the Bid Documents noted below have been considered and all costs are included in the Bid Sum.
       1. Addendum # _______ Dated _________________.
       2. Addendum # _______ Dated _________________.
       3. Addendum # _______ Dated _________________.
       4. Addendum # _______ Dated _________________.
11. BID FORM SIGNATURE(S)
    A. The Corporate Seal of
    B. ____
    C. (Bidder - print the full name of your firm)
    D. was hereunto affixed in the presence of:
    E. ____
    F. (Authorized signing officer, Title)
    G. (Seal)
    H. ____
    I. (Authorized signing officer, Title)
12. IF THE BID IS A JOINT VENTURE OR PARTNERSHIP, ADD ADDITIONAL FORMS OF EXECUTION FOR EACH MEMBER OF THE JOINT VENTURE IN THE APPROPRIATE FORM OR FORMS AS ABOVE.

END OF SECTION

PART 1 GENERAL

1. PROJECT
   A. Project Name: Pearl Public School District CTE Renovations
   B. Owner's Name: Pearl Public School District
   C. Architect's Name: Wier Boerner Allin Architecture.
   D. The Project consists of the Renovation of an existing fire station into a new vocational school. The scope includes light renovations to both the interior and exterior, with a focus on functionality, accessibility, and modernization. Planned improvements consist of a thorough deep cleaning of the facility, upgrades to ensure full ADA accessibility, and a fresh coat of paint throughout. Minor exterior enhancements to the building's facade will improve curb appeal while maintaining the existing character of the structure. In addition, selective updates will be made to building systems to bring the facility up to current standards and ensure it is well equipped to serve its new purpose as a learning environment. This project will be broken into two phases: Phase One: Will focus on the interior renovations so that students can occupy the intended spaces as quickly as possible. Phase Two: Will address the exterior site improvements and facade upgrades to complete the transformation of the facility. .
   E. This project was evaluated by a Structural Engineer to assess its structural integrity. See Appendix B for the report.
2. CONTRACT DESCRIPTION
   A. Contract Type: A single prime contract based on a Stipulated Price as described in Document 00.5000 Contracting Forms and Supplements.
   B. The scope of work of the prime contract is identified in this section, the Project Specifications and on the Drawings.
   C. See Section 01.2300 Alternates for applicable Project Alternates.
3. OWNER OCCUPANCY
   A. Owner intends to occupy the Project upon Substantial Completion.
   B. Cooperate with Owner to minimize conflict and to facilitate Owner's operations.
   C. Schedule the Work to accommodate Owner occupancy.
4. CONTRACTOR USE OF SITE AND PREMISES
   A. Construction Operations: Limited to areas noted on Drawings. Do not disturb portions of the project site beyond areas in which the Work is indicated.
   B. Safety:
      1. The Contractor shall enforce strict discipline and good order among employees
      2. Do not allow any workers in an occupied school building for any reason without the expressed written consent to the Owner.
      3. Do not fraternize with students, faculty, staff or administrators at any time.
   C. Arrange use of site and premises to allow:
      1. Owner Occupancy
      2. Minimize space and time requirements for storage of materials and equipment on-site.
   D. Provide access to and from site as required by law and by Owner:
      1. Emergency Building Exits During Construction: Keep all exits required by code open during construction period; provide temporary exit signs if exit routes are temporarily altered.
      2. Do not obstruct roadways, sidewalks, or other public ways without permit.
      3. Keep driveways, loading areas, and entrances clear and available to the Owner at all times. Schedule deliveries to minimze use of driveways and entrances.

E. Existing building spaces may not be used for storage.
F. Time Restrictions:
    1. The Contractor shall coordinate with PPSD to determine appropriate phase 2 work hours for the project.
    2. Weekend Early and After hours Work shall be subject to the approal of the Owner and regulation by authorities having jurisdiction..
G. Utility Outages and Shutdown:
    1. Do not disrupt or shut down life safety systems, including but not limited to fire sprinklers and fire alarm system, without 7 days notice to Owner and authorities having jurisdiction.
    2. Limit shutdown of utility services to 2 hours at a time, arranged at least 48 hours in advance with Owner.
    3. Prevent accidental disruption of utility services to other facilities.
H. Protection of Existing Buildings:
    1. The Contractor is to use all precautions and care not to damage existing buildings or endanger building occupants of occupied buildings. The Contractor is to include in his bid all necessary items: i.e., barricafes, fencing, security, etc. to ensure the protection of existing buildings and occupants.

5. WORK SEQUENCE
A. Construct Work in phases during the construction period:
    1. Phase 1: Interior upgrades and renovations to bring in interior up to code.
    2. Phase 2: Exterior site improvements and facade upgrades..
B. Coordinate construction schedule and operations with Architect and as indicated below:
C. Schedule Requirements:
    1. November 2025 - Notice to Proceed. Contractor can begin development of shop drawings/submittals
    2. January 1st, 2026 - Phase 1 work to be completed
    3. March 27th, 2026 - Phase 2 work to be completed

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

Unit Masonry

PART 1 GENERAL

1. SECTION INCLUDES
   A. Clay facing brick.
   B. Common brick.
   C. Reinforcement and anchorage.
   D. Flashings.
   E. Accessories.
2. RELATED REQUIREMENTS
   A. Section 04.0511 - Masonry Mortaring and Grouting.
   B. Section 07.9200 - Joint Sealants: Sealing control and expansion joints.
3. REFERENCE STANDARDS
   A. ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware; 2009.
   B. ASTM A641/A641M - Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire; 2009a (Reapproved 2014).
   C. ASTM A1064/A1064M - Standard Specification for Carbon-Steel Wire and Welded Wire Reinforcement, Plain and Deformed, for Concrete; 2015.
   D. ASTM C55 - Standard Specification for Concrete Building Brick; 2011.
   E. ASTM C62 - Standard Specification for Building Brick (Solid Masonry Units Made From Clay or Shale); 2013.
   F. ASTM C90 - Standard Specification for Loadbearing Concrete Masonry Units; 2014.
   G. ASTM C129 - Standard Specification for Nonloadbearing Concrete Masonry Units; 2011.
   H. ASTM C216 - Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale); 2014.
   I. ASTM C270 - Standard Specification for Mortar for Unit Masonry; 2014a.
   J. ASTM C1148 - Standard Test Method for Measuring the Drying Shrinkage of Masonry Mortar; 1992a (Reapproved 2008).
   K. ASTM C1634 - Standard Specification for Concrete Facing Brick; 2011.
   L. BIA Technical Notes No. 7 - Water Penetration Resistance – Design and Detailing; 2005.
   M. BIA Technical Notes No. 13 - Ceramic Glazed Brick Exterior Walls; 2017.
   N. BIA Technical Notes No. 28B - Brick Veneer/Steel Stud Walls; 2005.
   O. BIA Technical Notes No. 46 - Maintenance of Brick Masonry; 2005.
4. SUBMITTALS
   A. See Section 01.3000 - Administrative Requirements, for submittal procedures.
   B. Product Data: Provide data for masonry units, fabricated wire reinforcement, mortar, and masonry accessories.
   C. Samples: Submit four samples of facing brick units to illustrate color, texture, and extremes of color range.
   D. Manufacturer's Certificate: Certify that masonry units meet or exceed specified requirements.
   E. Furnish samples for the following items:
      1. One full size sample of each specified type of 8”x8”x16” stretcher concrete masonry unit.
      2. One each of embedded masonry accessories.

5. QUALITY ASSURANCE
   A. Manufacturer Qualifications: Company specializing in manufacturing the type of products specified in this section with minimum three years of documented experience.
   B. Installer Qualifications: Company specializing in performing work of the type specified and with at least three years of experience.
   C. Single Source Responsibility for masonry units: Obtain exposed masonry units of uniform texture and color. Concrete masonry units that vary in texture or color shall be culled and removed from the site.
   D. Single Source Responsibility for Mortar Materials: Obtain mortar ingredients of uniform quality for all exposed masonry from one manufacturer for each cementitious component and from one source and producer for each aggregate.
   E. Pre – Installation Meeting: Contractor shall schedule a Concrete Masonry pre- installation meeting with Architect, General Contractor, masonry and mortar product representatives, and installer prior to installation of CMU walls to discuss job specific and standard installation procedures.
   F. Quality of Masonry Units: All masonry units shall be uniform in color, texture and size with sharp straight corners and without chipped or broken corners or faces. Exposed masonry units with chipped or broken corners, faces or other defects shall be culled and discarded. All such units placed in a wall shall be removed and replaced. Concrete blocks shall conform to ASTM C90 TYPE 1. The provisions of ASTM C90 Paragraph 7.3.1 apply with regard to imperfections. The exception being no chip larger than 1/4” diameter and no dimensional tolerances larger than 1/16” shall be installed.
6. MOCK-UP
   A. Construct a masonry wall as a mock-up panel sized 8 feet (2.4 m) long by 6 feet (1.8 m) high; include mortar, accessories, structural backup, and flashings (with lap joint, corner, and end dam) in mock-up. Upon written approval of the Architect, this panel will become the quality standard for the job and be incorporated into the work. Any work which fails to meet the approved standard will be removed and replaced without additional cost to the Owner.
   B. Locate where directed.
   C. Mock-up may remain as part of the Work.
7. DELIVERY, STORAGE, AND HANDLING
   A. Deliver, handle, and store masonry units by means that will prevent mechanical damage and contamination by other materials.
   B. Handle and protect all materials so as to protect them against staining, breakage, deterioration and mixture with non approved materials. Keep palletized materials in original condition until ready for use.

PART 2 PRODUCTS

1. BRICK UNITS
   A. Manufacturers:
      1. Manufacturer to match existing.
      2. Substitutions: See section 01.6000 - Product Requirements.
   B. Facing Brick: ASTM C216, Type FBS Smooth, Grade SW.
      1. Color and texture to match Architect's sample.
      2. Nominal size: As indicated on drawings.
      3. Special shapes: Molded units as required by conditions indicated, unless standard units can be sawn to produce equivalent effect.

2. MORTAR AND GROUT MATERIALS
   A. Mortar and Grout: As specified in Section 04.0511.
3. REINFORCEMENT AND ANCHORAGE
   A. Manufacturers:
      1. Hohmann & Barnard, Inc; X-Seal Anchor: www.h-b.com/#sle.
      2. ______.
      3. Substitutions: See Section 01.6000 - Product Requirements.
   B. Continuous type of standard manufacture, hot-dipped galvanized truss design. Reinforcement shall have not less than No. 9 steel wire cross rods and No. 9 deformed side rods conforming to ASTM A-153, Class B2. Use proper width for wall thicknesses as shown on the drawings. Anchors of various types as required.
   C. At all CMU partition intersections: Use #344 Galvanized rigid partition anchors at 16" o.c. vertical, as manufactured by Hohmann & Barnard or Architect's approved equal, grouting one (1) cell in each of the intersecting partitions full height.
   D. Furnish complete prefabricated corners and tees.
   E. Single Wythe Joint Reinforcement: Truss or ladder type; ASTM A1064/A1064M steel wire, mill galvanized to ASTM A641/A641M, Class 3; 0.1483 inch (3.8 mm) side rods with 0.1483 inch (3.8 mm) cross rods; width as required to provide not more than 1 inch (25 mm) and not less than 1/2 inch (13 mm) of mortar coverage on each exposure.
   F. Strap Anchors: Bent steel shapes, 1-1/2 inch (38 mm) width, 0.105 inch (2.7 mm) thick, 24 inch (610 mm) length, with 1-1/2 inch (38 mm) long, 90 degree bend at each end to form a U or Z shape or with cross pins, hot dip galvanized to ASTM A153/A153M Class B.
   G. Flexible Anchors: 2-piece anchors that permit differential movement between masonry and building frame, sized to provide not less than 5/8 inch (16 mm) of mortar coverage from masonry face.
   H. Two-Piece Wall Brick Ties: Formed steel wire, 0.1875 inch (4.8 mm) thick, adjustable, eye and pintle type, hot dip galvanized to ASTM A 153/A 153M, Class B, sized to provide not more than 1 inch (25 mm) and not less than 1/2 inch (13 mm) of mortar coverage from masonry face and to allow vertical adjustment of up to 1-1/4 in (32 mm). Install spaced at 16" o.c. vertical and 32" o.c. horizontal.
   I. Masonry Veneer Anchors: 2-piece anchors that permit differential movement between masonry veneer and structural backup, hot dip galvanized to ASTM A 153/A 153M, Class B.
      1. Anchor plates: Not less than 0.075 inch (1.91 mm) thick, designed for fastening to structural backup through sheathing by two fasteners; provide design with legs that penetrate sheathing and insulation to provide positive anchorage.
      2. Wire ties: Manufacturer's standard shape, 0.1875 inch (4.75 mm) thick.
      3. Vertical adjustment: Not less than 3-1/2 inches (89 mm).
   J. Control joint wall ties: shall be equal to Hohmann & Barnard Slip-set Stabilizer, hot-dipped galvanized using
      1. PVC control joint: shall be equal to Hohmann & Barnard #VS-Standard. PVC material shall conform to ASTM D-2287 and tested in conformance with ASTM D-2240.
      2. Type "H" for horizontal mortar joint and type "V" to connect to intersecting wall. Ties shall be placed 16" o.c. max. vertically.
   K. Single Wythe Concrete Masonry Unit Drainage System:

1. Fill fullthe cores of the first CMU course. Install CMU cell flashing pans above first CMU course in 2 beads of butyl sealant with built in adjoining bridge made from recycled polypropylene with chemical stabilizers that prevent UV degradation. Flashing pans have a sloped design to direct moisture to the integrated weep spout. Ensure spout sits flush with top of block below. Fully pack mortar around spout to create a clean neat solid joint. Pan is designed to be built into mortar bed joints to expel moisture (unimpeded by mortar droppings) to the exterior of CMU walls. Drainage Mattes and Bug Guards included. Product: provide "BLOCKFLASH as manufactured by Mortar Net Solutions or approved equal

4. FLASHINGS
   A. Refer to Section 07.6200.
5. ACCESSORIES
   A. Preformed Control Joints: Rubber material. Provide with corner and tee accessories, fused joints.
      1. Manufacturers:
         a. Hohmann & Barnard, Inc; _______: www.h-b.com/#sle.
         b. ______.
         c. Substitutions: See Section 01.6000 - Product Requirements.
   B. Joint Filler: Closed cell polyvinyl chloride; oversized 50 percent to joint width; self expanding; in maximum lengths available.
      1. Manufacturers:
         a. Hohmann & Barnard, Inc; _______: www.h-b.com/#sle.
   C. Termination Bars: Stainless steel; compatible with membrane and adhesives.
   D. Drip Edge: Stainless steel; compatible with membrane and adhesives.
   E. Lap Sealants and Tapes: As recommended by flashing manufacturer; compatible with membrane and adhesives.
   F. Weeps:
      1. Weep/Vent Products: Use the following, unless otherwise indicated:
      2. 100% cotton weep cord 3/8" diameter extending min. 18" up surface of wall and taped. Leave cord extending out of wall for duration of construction. Once construction is complete, contractor to cut back cord to 3/4" from face of masonry.
   G. Cleaning Solution: Non-acidic, not harmful to masonry work or adjacent materials.
6. MORTAR AND GROUT MIXING
   A. Mortar for Unit Masonry: ASTM C270, using the Proportion Specification.
      1. Exterior, loadbearing masonry: Type N.
   B. New Mortar for Old Brick: Proportion by volume only; no more than 20 percent of the total volume of Portland cement and lime combined to be Portland cement.
      1. Sand: Match original mortar as closely as possible in color, size, and texture, without use of other additives.
      2. Do not use modern additives unless permitted in writing by Architect.
      3. Repointing Mortar: Use proportions from 1 part lime to 2 parts sand with no Portland cement, up to 2 parts Portland cement to 3 parts lime to 6 parts sand.
      4. White Portland Cement: Use for repointing mortar where Portland cement is permitted.
      5. Use mortar within 30 minutes after final mixing; do not add more water after the initial mix is prepared.

C. Grout: ASTM C476; consistency required to fill completely volumes indicated for grouting; fine grout for spaces with smallest horizontal dimension of 2 inches (50 mm) or less; coarse grout for spaces with smallest horizontal dimension greater than 2 inches (50 mm).
D. Admixtures: Add to mixture at manufacturer's recommended rate and in accordance with manufacturer's instructions; mix uniformly.
E. Mixing: Use mechanical batch mixer and comply with referenced standards.

PART 3 EXECUTION

1. EXAMINATION
   A. Verify that field conditions are acceptable and are ready to receive masonry.
   B. Verify that related items provided under other sections are properly sized and located.
   C. Verify that built-in items are in proper location, and ready for roughing into masonry work.
2. PREPARATION
   A. Direct and coordinate placement of metal anchors supplied for installation under other sections.
   B. Provide temporary bracing during installation of masonry work. Maintain in place until building structure provides permanent bracing.
3. COLD AND HOT WEATHER REQUIREMENTS
   A. Maintain materials and surrounding air temperature to minimum 40 degrees F (5 degrees C) prior to, during, and 48 hours after completion of masonry work.
   B. Maintain materials and surrounding air temperature to maximum 90 degrees F (32 degrees C) prior to, during, and 48 hours after completion of masonry work.
4. COURSING
   A. Establish lines, levels, and coursing indicated. Protect from displacement.
   B. Maintain masonry courses to uniform dimension. Form vertical and horizontal joints of uniform thickness.
   C. Concrete Masonry Units:
      1. Bond: Running.
      2. Mortar Joints: Concave.
5. PLACING AND BONDING
   A. Lay solid masonry units in full bed of mortar, with full head joints, uniformly jointed with other work.
   B. Lay hollow masonry units with face shell bedding on head and bed joints.
   C. Buttering corners of joints or excessive furrowing of mortar joints is not permitted.
   D. Employ solid bricks @ ends of rowlock sills and all other locations where holes may be visible.
   E. Remove excess mortar and mortar smears as work progresses.
   F. Interlock intersections and external corners, except for units laid in stack bond.
   G. Do not shift or tap masonry units after mortar has achieved initial set. Where adjustment must be made, remove mortar and replace.
   H. Perform job site cutting of masonry units with proper tools to provide straight, clean, unchipped edges. Prevent broken masonry unit corners or edges.
   I. Cut mortar joints flush where wall tile is scheduled or resilient base is scheduled.
   J. Joint treatment:
      1. Exposed block: Make joints uniform, approximately 3/8” (plus or minus a maximum variance of 1/16”) wide, tool and compress concave joint using 18” long tool on each side unless otherwise

noted in drawings or below. Mortar joints should be tooled to a concave profile when the mortar is thumbprint hard.

2. Concealed Block: Make joints uniform approximately 3/8" wide, cut mortar flush with face of block.
3. Point and fill flush all exterior cavity side masonry joints as work progresses. Do not leave any voids or cracks larger than 1/32" or excess mortar or mortar residue on surface. Architect must inspect and approve surface prior to installation of dampproofing or waterproofing.

K. Protect all exposed masonry during construction against staining and excess mortar. As the work progresses, clean mortar daubs, smears and residue from masonry work before it sets up. No anti-freeze ingredient shall be used.

6. WEEPS/CAVITY VENTS

A. Install cotton cord weeps in veneer and cavity walls at 24 inches (600 mm) on center horizontally above through-wall flashing, above shelf angles and lintels, and at bottom of walls. Extend a min. 18" up surface of wall and tape. Leave cord extending out of wall for duration of construction. Once construction is complete, contractor to cut back cord to 3/4" from face of masonry.

7. CAVITY MORTAR CONTROL

A. Do not permit mortar to drop or accumulate into cavity air space or to plug weep/cavity vents.
B. Rake backside of brick/block to help maintain a clean cavity.

8. REINFORCEMENT AND ANCHORAGE - GENERAL, SINGLE WYTHE MASONRY, AND CAVITY WALL MASONRY

A. Place masonry joint reinforcement in first and second horizontal joints above and below openings. Extend minimum 16 inches (400 mm) each side of opening.
B. Place continuous joint reinforcement in first and second joint below top of walls.
C. Lap joint reinforcement ends minimum 6 inches (150 mm).
D. Fasten anchors to structural framing and embed in masonry joints as masonry is laid. Unless otherwise indicated on drawings or closer spacing is indicated under specific wall type, space anchors at maximum of 36 inches (900 mm) horizontally and 24 inches (600 mm) vertically.
E. Install trussed or ladder wall reinforcing in the first and second bed joint and at 16" o.c. vertically elsewhere. Lap side rods at splices at least 6" and per manufacturer's minimum requirements. Use pre-fabricated corner units at all corners and intersections for anchoring abutting walls and partitions.
F. Cut or interrupt joint reinforcement at control and expansion joints unless otherwise indicated.
G. Install control and expansion joints in unit masonry where indicated. Build in related items as the masonry progresses. Do not form a continuous span through movement joints unless provisions are made to prevent in-plane restraint of wall or partition movement.

9. REINFORCEMENT AND ANCHORAGE - SINGLE WYTHE MASONRY

A. Install horizontal joint reinforcement 8 inches (200 mm) on center.
B. Place masonry joint reinforcement in first and second horizontal joints above and below openings. Extend minimum 16 inches (400 mm) each side of opening.

10. MASONRY FLASHINGS

A. Whether or not specifically indicated, install masonry flashing to divert water to exterior at all locations where downward flow of water will be interrupted.
    1. Extend flashings full width at such interruptions and at least 6 inches (152 mm), minimum, into adjacent masonry or turn up flashing ends at least 1 inch (25.4 mm), minimum, to form watertight pan at non-masonry construction.

B. Extend metal flashings to within 1/2 inch (12 mm) of exterior face of masonry and adhere to top of stainless steel angled drip with hemmed edge.

C. Lap end joints of flashings at least 6 inches (152 mm), minimum, and seal watertight with flashing sealant/adhesive.

11. CONTROL AND EXPANSION JOINTS

A. Do not continue horizontal joint reinforcement through control or expansion joints.

B. Install preformed control joint device in continuous lengths. Seal butt and corner joints in accordance with manufacturer's instructions.

12. TOLERANCES

A. Maximum Variation From Unit to Adjacent Unit: 1/16 inch (1.6 mm).

B. Maximum Variation from Plane of Wall: 1/4 inch in 10 ft (6 mm/3 m) and 1/2 inch in 20 ft (13 mm/6 m) or more.

C. Maximum Variation from Plumb: 1/4 inch (6 mm) per story non-cumulative; 1/2 inch (13 mm) in two stories or more.

13. CLEANING

A. Remove excess mortar and mortar droppings.

B. Replace defective mortar. Match adjacent work.

C. Clean soiled surfaces with cleaning solution.

D. On completion, fill all holes and joints. Remove loose mortar. All daubs, smears and mortar residue left on wall surface shall be cleaned by scraping or wire brushing.

E. Masonry joints and masonry units that cannot be pointed up and cleaned to the Architect’s satisfaction shall be removed and replaced.

F. Keep walls clean daily during installation using brushes, rags, and burlap squares. Do not allow excess mortar lumps, smears or residue to harden on the finished concrete masonry surfaces. Remove green mortar with burlap or dry cloth. Harsh cleaning methods after walls have been erected may affect the visual appearance and surface of the blocks and shall be avoided. All work that cannot be cleaned to the Architect’s satisfaction shall be removed and replaced.

G. Final cleaning: Clean the completed walls with a detergent masonry cleaner strictly following the manufacturer’s instructions including thorough rinsing. For standard exposed concrete masonry walls, use “Sure Klean” custom masonry cleaner or Architect’s approved equal. Follow manufacturer’s instructions for application.

H. Cut cotton cords off 3/4" away from face of masonry.

I. No acid or acid based solutions shall be used in the cleaning of the finished concrete masonry units. Use only commercially prepared detergent cleaning agent applied in accordance with the manufacturer's instructions and approved by the brick manufacturer for use on his products. Before applying any cleaning agent to an entire wall, apply agent to a sample wall area in a location approved by the Architect.

14. PROTECTION

A. Without damaging completed work, provide protective boards at exposed external corners that are subject to damage by construction activities.

END OF SECTION

UNIT MASONRY STAINING

PART 1 GENERAL

1. SECTION INCLUDES - brush-applied Proven Masonry Stain applied to porous surfaces including the following:
    a. Clay Masonry Units

2. RELATED SECTIONS
    a. Section 04.2000 - Unit Masonry

3. SUBMITTALS
    a. Product Data: For each type of stain indicated:
        i. Manufacturer's Information: Manufacturer's technical information, and if needed, instructions for handling and storing masonry stain.
    b. Qualification Data: For Applicator
    c. Benchmark Samples (mockups): Provide up to five (5) color enhanced loose units that represent the over-all color range to determine closest approved sample matching to existing masonry. A field sample can be created on a 10 sq. ft. area to be determined by the owner or the architect on the actual surface of the building to be stained.
    d. Submit 10 jobs over 15 years including:
        i. The date on which the work was completed
        ii. The precise location of the job including description of the structure or portion of the structure stained, street address, city, state and zip code
        iii. Name of Product used
        iv. Before and After Pictures

4. QUALITY ASSURANCE
    a. Manufacturer's Qualifications: Minimum 20 years' experience and successful in- service performance in applying a Ceramic Based Proven Masonry Stain.
    b. Applicator Qualifications: A firm experienced in applying a Ceramic Based Proven Masonry Stain, design and extent to those indicated for this project. Whose company has resulted in applications with a record of successful in-service performance that exceeds 20 years.

5. PROJECT CONDITIONS
    a. Temperature Limitations: Apply Stains only when temperatures of surfaces to be stained and the surrounding air are between 45 degrees F (7 degrees C) and 100 degrees F (32 degrees C).
    b. Weather Limitations: Do not apply stain in snow, rain, dense fog or mist; when the relative humidity exceeds 95%, also do not apply to damp or wet surfaces

c. Allow wet surfaces to dry thoroughly and attain temperature and conditions specified before starting or continuing with application.

PART 2 PRODUCTS

1. MANUFACTURERS
   a. Masonry Cosmetics, Inc. 3210 Sugar Maple Business Ct, South Bend, IN 46613. Tel: 574-234-1812, info@masonrycosmetics.com, masonrycosmetics.com
   b. Substitutions: See Section 01.6000 - Product Requirements
2. INSTALLERS
   a. Masonry Cosmetics, Inc. 3210 Sugar Maple Business Ct., South Bend, IN 46613. Tel: 574-234-1812 masonrycosmetics.com
   b. Other approved masonry staining contractor that uses a Ceramic Based Proven Masonry Stain.
   c. Substitutions: See Section 01.6000 - Product Requirements

3. Unit Masonry Stain Materials, General
   a. Materials: (basis of design): Ceramic based stain shall contain a colored “talcum powder” consistency (80-100 mesh) pigment, identical to natural pigments used in brick manufacturing, a proprietary bonding chemical and water. The water shall act as a carrying agent to feed the pigment and bonding chemical into the pore structure of the masonry units. The bonding chemical changes from a liquid to a solid state during and after the drying process.
   b. Materials once applied should not leave a visible gloss, sheen or film on masonry unit.
   c. VOC Content is to be very low and have an estimated maximum value of 0.01 g/g.

4. PRODUCTS NOT PERMITTED FOR USE:
   a. Water repellent masonry stains
   b. Acrylic paint or stains with Acrylic in it
   c. Hydrous, multiple polymer formulations of resin solids
   d. Semi-transparent stains
   e. Opaque Stains
   f. Sealers

PART 3 EXECUTION

1. PREPARATION
   a. General: Remove hardware, machined surfaces, lighting fixtures and similar items already installed that are not being stained. If removal is impractical or impossible because of size and weight of the item, provide surface- applied protection before surface preparation and staining.
      1. After completing staining operations, reinstall items removed using workers skilled in trades involved.
   b. Surface Preparation: Clean and prepare surfaces to be stained according to manufacturer’s written instructions for each particular substrate condition and as specified.

1. Remove surface dirt, oil or grease by washing with a detergent solution recommended by masonry manufacturer; rinse thoroughly with clean water and allow to dry.
2. Walls will need to be free of any acid or cleaning solution residue prior to any staining. Keeping the PH level on the wall as close to neutral as possible.
3. Ensure structurally sound surfaces that are dry, clean and free of the following: dirt, moisture, loose particles, oil, grease, asphalt, tar, paint, wax, rust, waterproofing, curing and parting compounds and other foreign matter.

2. APPLICATION
   a. Mixing: Mix and prepare stains according to the manufacturer's written instructions. Stir stain thoroughly before applying and frequently during application to maintain color consistency.
      1. Maintain containers used in mixing and application in a clean condition, free of foreign materials and residue.
      2. Stir mixture before application to ensure all materials stay suspended. Stir as required during application.
   b. Minimum Application Rate: Apply stain to manufacturer's recommended required rate, measured by bricks stained per brush, to ensure proper penetration. Apply aqueous slurry (Proven Masonry Stain) with brush individually to each masonry unit, maintaining the integrity of the mortar (by artistic means).
      1. Do not apply stain on surfaces that are not sufficiently dry. If succeeding application is needed, ensure that the surface is dry before re-applying.
      2. Apply all stains with a 100% polyester brush by hand to provide a uniform blending of color to the masonry wall.
      3. No spraying or rolling of materials allowed.

3. FIELD QUALITY CONTROL
   a. Architect/Owner shall review and approve application of stain by Contractor in a test area, mock-up panel or loose samples, and as accepted for approved benchmark samples.

4. CLEANING
   a. Cleanup: At the end of each work day, remove empty cans, rags, rubbish and other discarded materials from the project site.
      1. After completing staining, clean window glass and other surfaces. Remove splattered stain by proper methods without scratching or damaging adjacent finished surfaces.
      2. Dispose of excess materials according to state, federal and local governmental regulations.

5. PROTECTION
   a. Protect work of other trades as necessary, whether being stained or not, against damage from staining. Correct damage by cleaning, repairing and re-staining as approved by the architect.

END OF SECTION

Fire Protection Specialties

PART 1 GENERAL

1. SECTION INCLUDES
   A. Fire extinguishers.
2. REFERENCE STANDARDS
   A. FM (AG) - FM Approval Guide; current edition.
   B. NFPA 10 - Standard for Portable Fire Extinguishers; 2013.
   C. UL (DIR) - Online Certifications Directory; current listings at database.ul.com.

PART 2 PRODUCTS

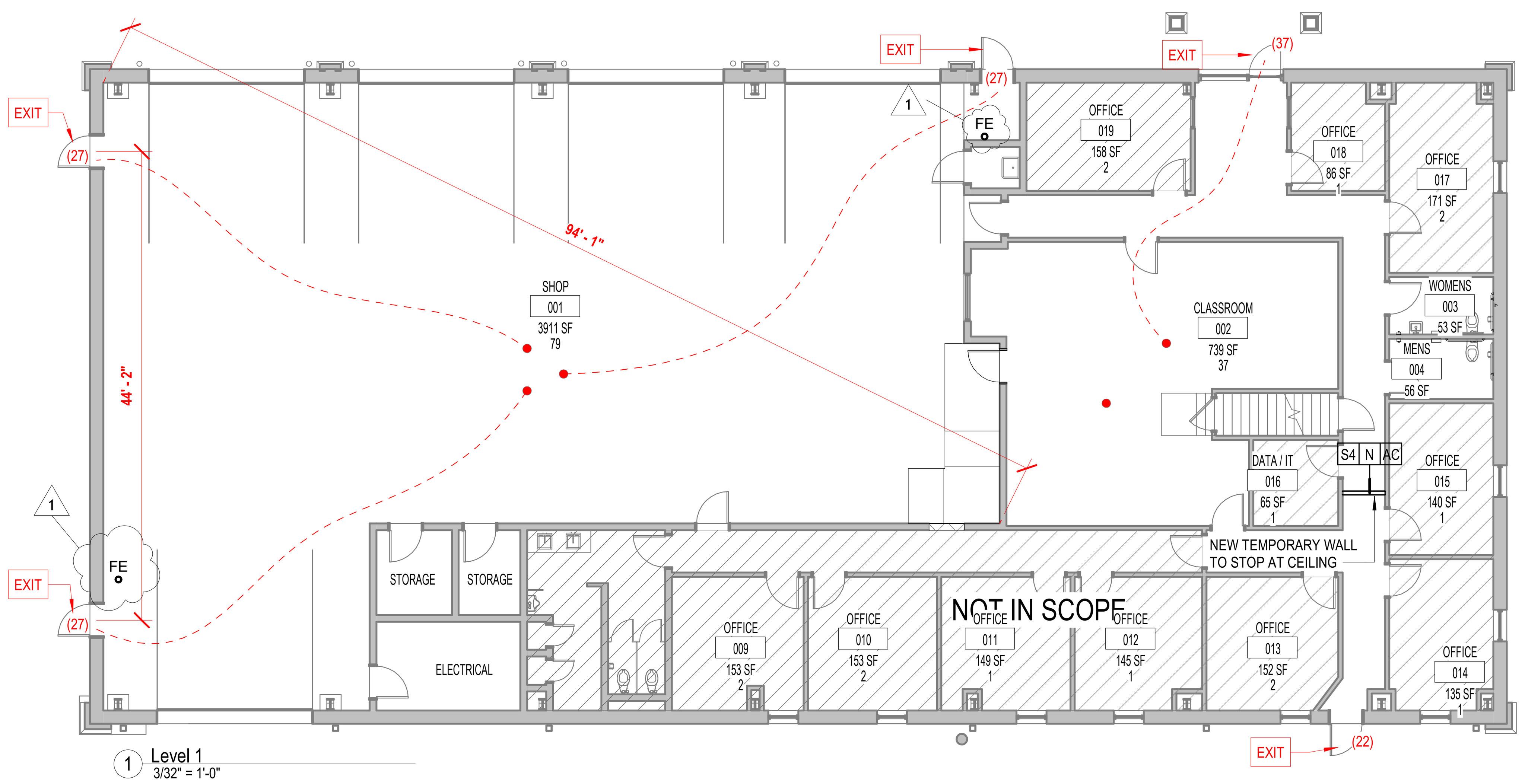
1. MANUFACTURERS
   A. Fire Extinguishers:
      1. Ansul, a Tyco Business; Cleanguard: www.ansul.com/#sle.
      2. Substitutions: See Section 01.6000 - Product Requirements.
   B. Fire Extinguisher Cabinets and Accessories:
      1. Larsen's Manufacturing Co; ______: www.larsensmfg.com/#sle.
      2. Substitutions: See Section 01.6000 - Product Requirements.
2. FIRE EXTINGUISHERS
   A. Fire Extinguishers - General: Comply with product requirements of NFPA 10 and applicable codes, whichever is more stringent.
      1. Provide extinguishers labeled by UL (DIR) or FM (AG) for purpose specified and as indicated.
   B. Dry Chemical Type Fire Extinguishers: Stainless steel tank, with pressure gauge.
      1. Class: ABC type.
      2. Temperature range: Minus 20 degrees F (Minus 29 degrees C) to 120 degrees F (49 degrees C).

PART 3 EXECUTION

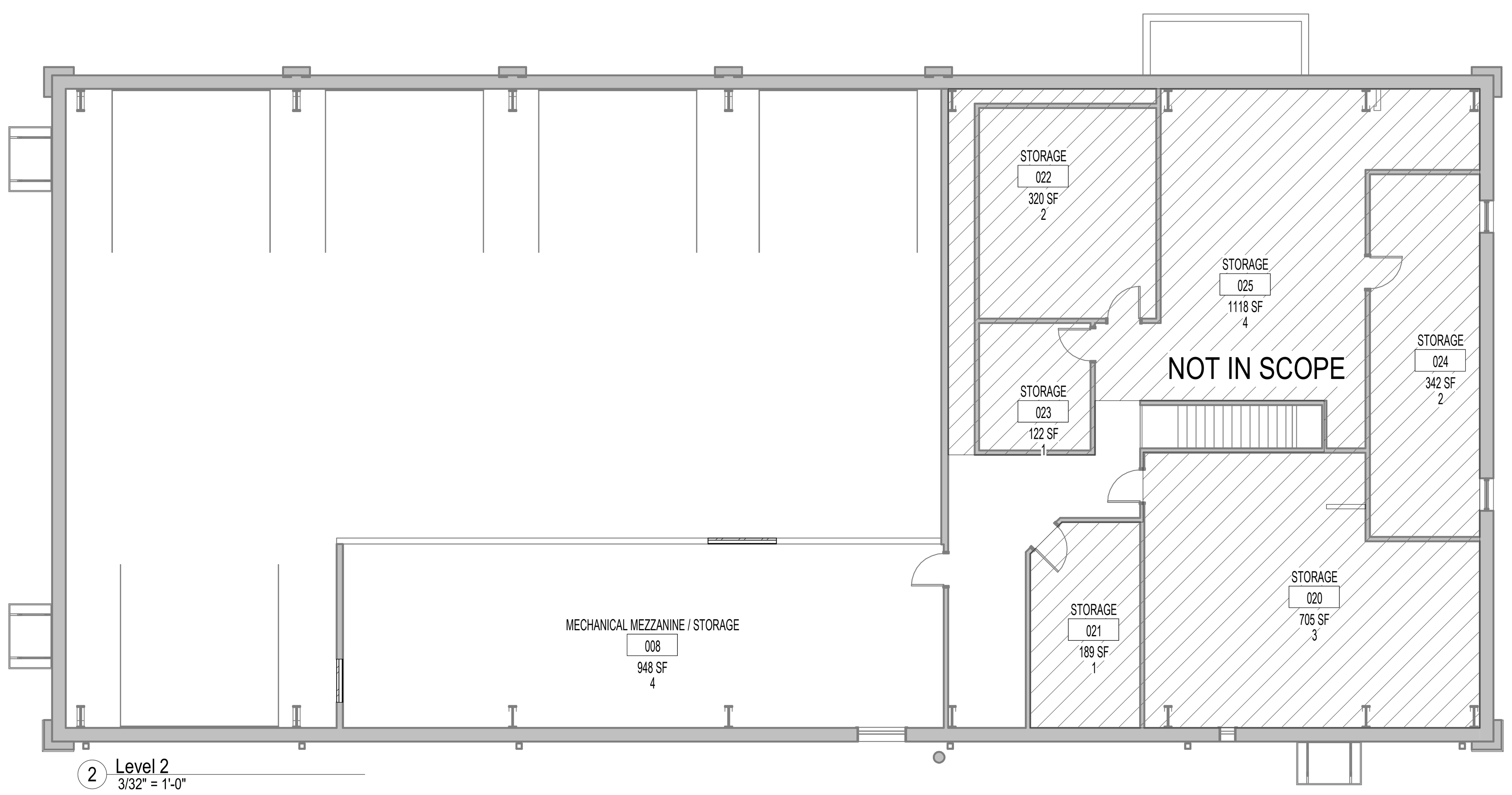
1. EXAMINATION
   A. Verify existing conditions before starting work.
   B. Verify rough openings for cabinet are correctly sized and located.
2. INSTALLATION
   A. Install in accordance with manufacturer's instructions.
   B. Install cabinets plumb and level, 40 inches (____ mm) from finished floor to inside bottom of cabinet.
   C. Secure rigidly in place.
   D. Place extinguishers in cabinets.
3. MAINTENANCE
   A. See Section 01.7000 - Execution and Closeout Requirements, for additional requirements relating to maintenance service.

END OF SECTION

LIFE SAFETY PLANS



1 Level 1
3/32" = 1'-0"



2 Level 2
3/32" = 1'-0"

OCCUPANCY LOAD SCHEDULE

Number	Name	Occupant Load
001	SHOP	79
002	CLASSROOM	37
005	STORAGE	1
006	STORAGE	1
007	ELECTRICAL	1
009	OFFICE	2
010	OFFICE	2
011	OFFICE	1
012	OFFICE	1
013	OFFICE	2
014	OFFICE	1
015	OFFICE	1
016	DATA / IT	1
017	OFFICE	2
018	OFFICE	1
019	OFFICE	2
026	CORRIDOR	1
		135
008	MECHANICAL MEZZANINE / STORAGE	4
020	STORAGE	3
021	STORAGE	1
022	STORAGE	2
023	STORAGE	1
024	STORAGE	2
025	STORAGE	4
		17
Grand total: 24		152

GENERAL IEBC 2018 NOTES

110.1 CHANGE OF OCCUPANCY - THE CODE OFFICIAL HAS TO ISSUE THE OWNER A CERTIFICATE OF OCCUPANCY FOR THE PORTION OF OCCUPANCY CHANGE

301.3 ALTERATION, ADDITION OR CHANGE OR OCCUPANCY - THE ALTERATION, ADDITION OR CHANGE OF OCCUPANCY OF ALL EXISTING BUILDINGS SHALL COMPLY WITH **SECTION 301.3.2 WORK AREA COMPLIANCE METHOD**

603.1 ALTERATION - LEVEL 2 - INCLUDE THE RECONFIGURATION OF SPACE, THE ADDITION OR ELIMINATION OF ANY DOOR OR WINDOW, THE RECONFIGURATION OR EXTENSION OF ANY SYSTEM, OR THE INSTALLATION OF ANY ADDITIONAL EQUIPMENT.

803.2.2 FIRE PROTECTION EXCEPTION - IF THE BUILDING DOES NOT HAVE SUFFICIENT MUNICIPAL WATER SUPPLY FOR THE DESIGN OF A FIRE SPRINKLER SYSTEM AVAILABLE TO THE FLOOR WITHOUT INSTALLATION OF A NEW FIRE PUMP, WORK AREAS SHALL BE **PROTECTED BY AN AUTOMATIC SMOKE DETECTION SYSTEM THROUGHOUT ALL OCCUPIABLE SPACES. (GROUP E)**

805.4.1.1 OCCUPANT LOAD AND TRAVEL DISTANCE - IN ANY WORK AREA, ALL ROOMS AND SPACES HAVING AN OCCUPANT LOAD GREATER THAN 50 SHALL HAVE **NOT FEWER THAN TWO EGRESS DOORWAYS.**

805.4.3 DOOR CLOSING - ALL DOORS OPENING ONTO AN EXIT PASSAGEWAY AT GRADE SHALL BE SELF CLOSING

805.6 DEAD-END CORRIDORS IN ANY WORK AREA SHALL NOT EXCEED 35 FEET

1001.2 CERTIFICATE OF OCCUPANCY - A CHANGE OF OCCUPANCY WITHIN A SPACE WHERE THERE IS A DIFFERENT FIRE PROTECTION SYSTEM THRESHOLD REQUIREMENT SHALL **NOT BE MADE TO ANY STRUCTURE WITHOUT THE APPROVAL OF THE CODE OFFICIAL.**

MEANS OF EGRESS

OCCUPANT LOAD
IBC TABLE 1004.5

SEE LIFE SAFETY PLANS FOR DETAILED OCCUPANCY LOAD INFORMATION

EGRESS SIZING
IBC 1005 IBC 1010 IBC 1011

		CORRIDOR WIDTH 0.2" OR 0.15" PER OCC.			EGRESS DOOR WIDTH 0.2" OR 0.15" PER OCC.			STAIR WIDTH 0.3" OR 0.2" PER OCC.		
		MIN.	CALC.	ACTUAL	MIN.	CALC.	ACTUAL	MIN.	CALC.	ACTUAL
FIRST FLOOR	142 OCCUPANTS	44"	0.2"	48"	32"	0.2"	36"	44"	0.3"	48"
SECOND FLOOR	18 OCCUPANTS	44"	0.2"	48"	32"	0.2"	36"	44"	0.3"	48"
TOTAL	**160 OCCUPANTS**									

NUMBER OF EXITS
IBC 1006

	REQUIRED	PROVIDED
FIRST FLOOR	2	5
SECOND FLOOR	1	1
TOTAL	**3**	**6**

EGRESS PATH

EXIT ACCESS TRAVEL DISTANCE | TABLE 1017.2 **200'-0" / 250'-0" MAX.**	COMMON PATH TRAVEL DISTANCE | TABLE 1006.2.1 **75'-0" MAX.**	
CORRIDOR FIRE-RESIST. RATING | TABLE 1020.1 **N/A**	DEAD-END CORRIDOR LIMITS | SECTION 1020.4 **20'-0" / 50'-0" MAX.**	

FIRE AND SMOKE PROTECTION

FLOOR ASSEMBLY : UL# XXXXX

EXTERIOR WALL ASSEMBLY : UL# XXXXX

ROOF ASSEMBLY : UL# XXXXX

FIRE BARRIER ASSEMBLY : UL# XXXXX

A. PARTITION TYPES & FIRE RESISTIVE RATINGS INDICATED ON A WALL ARE TO BE CONTINUOUS FOR THE LENGTH & HEIGHT OF A PARTITION.

B. OPENINGS IN RATED WALL, FLOOR, CEILING & ROOF ASSEMBLIES SHALL BE SEALED WITH PENETRATION SEALANT SYSTEMS MEETING OR EXCEEDING THE REQUIRED FIRE RESISTIVE RATINGS.

C. MAINTAIN THE FIRE RATING OF CONSTRUCTION AROUND CABINETS, PANELS, & BOXES RECESSED IN FIRE RATED WALL, FLOOR, & CEILING ASSEMBLIES.

D. PROVIDE CONTINUOUS PERIMETER FIRE SAFING BETWEEN FLOORS & COORDINATE THE INSTALLATION WITH THE EXTERIOR WALL. FIRE RATING OF SAFING SHALL MATCH FIRE RATING OF FLOOR CONSTRUCTION.

AUTOMATIC SPRINKLER SYSTEM REQUIREMENTS

ACCORDING TO THE 2018 IEBC 803.2.2 FIRE PROTECTION EXCEPTION, AN AUTOMATIC SPRINKLER SYSTEM IS NOT REQUIRED

STANDPIPE SYSTEM REQUIREMENTS

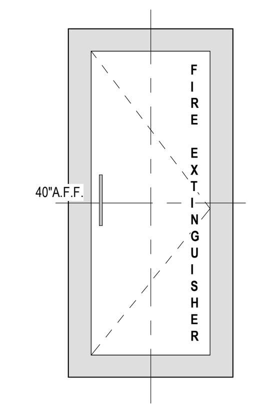
PORTABLE FIRE EXTINGUISHER REQUIREMENTS

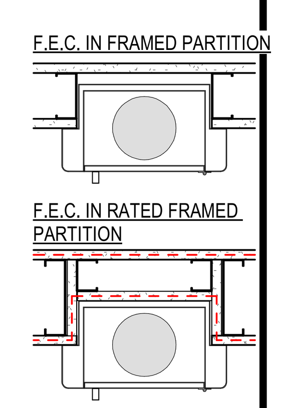
F.E.C.
FIRE EXTINGUISHER CABINET
TYPE "ABC" FIRE EXTINGUISHER IN SEMI-RECESSED WALL CABINET. CONFIRM PLACEMENT WITH LOCAL INSPECTOR / FIRE MARSHAL PRIOR TO INSTALLATION.

F.E.
FIRE EXTINGUISHER
TYPE "ABC" FIRE EXTINGUISHER ON SURFACE-MOUNTED WALL HOOK. CONFIRM PLACEMENT WITH LOCAL INSPECTOR / FIRE MARSHAL PRIOR TO INSTALLATION.

F.E.-K.
FIRE EXTINGUISHER - KITCHEN
TYPE "K" FIRE EXTINGUISHER ON SURFACE-MOUNTED WALL HOOK. CONFIRM PLACEMENT WITH LOCAL INSPECTOR / FIRE MARSHAL PRIOR TO INSTALLATION.

SEE LIFE SAFETY PLANS AND FLOOR PLANS FOR LOCATIONS OF EACH TYPE OF PORTABLE FIRE EXTINGUISHER.
- MAX FLOOR AREA PER F.E: **3500SQFT**
- MAX DISTANCE BETWEEN F.E: **75FT**





PLUMBING FIXTURES
IBC 29

TOTAL OCCUPANT LOAD PER OCCUPANCY CLASSIFICATION	WATER CLOSETS AND/OR URINALS		LAVATORIES		DRINKING FOUNTAINS	SERVICE SINKS
	MALE	FEMALE	MALE	FEMALE		
FIRST FLOOR 142 TOTAL (71M / 71 F)	1 PER 50	1 PER 50	1 PER 50	1 PER 50	1 REQUIRED	1 REQUIRED
	2 REQUIRED	2 REQUIRED	2 REQUIRED	2 REQUIRED	***1 PROVIDED****	***1PROVIDED***
	# PROVIDED	***# PROVIDED***	***# PROVIDED***	***# PROVIDED***		
STORAGE MEZZANINE 18 TOTAL (9 M / 9 F)	1 PER 50	1 PER 50	1 PER 50	1 PER 50	0 REQUIRED	0 REQUIRED
	0 REQUIRED	0 REQUIRED	0 REQUIRED	0 REQUIRED	***0 PROVIDED***	***0 PROVIDED***
	0 PROVIDED	***0 PROVIDED***	***0 PROVIDED***	***0 PROVIDED***		

THE SECOND FLOOR IS A STORAGE MEZZANINE LEVEL AND WILL NOT BE USED AS INSTRUCTIONAL SPACE.

***OWNER TO INSTALL AN ELECTRIC WATER COOLER INSTEAD OF A DRINKING FOUNTAIN. REFER TO PLANS FOR SUGGESTED LOCATION. ***

GENERAL INFO

PROJECT CONTACTS

OWNER	PEARL PUBLIC SCHOOL DISTRICT	**ARCHITECT**	WIER BOERNER ALLIN, PLLC	
CONTACT	CHRIS CHISM	**CONTACT**	JAMIE WIER	WADE THOMPSON
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ADDRESS	3375 HIGHWAY 80 EAST PEARL, MS 39208	**ADDRESS**	2727 OLD CANTON ROAD, SUITE 200 JACKSON MS 39216	2727 OLD CANTON ROAD, SUITE 200 JACKSON MS 39216
EMAIL	cchism@pearlk12.com	**EMAIL**	jwier@wbaarchitecture.com	wthompson@wbaarchitecture.com

AUTHORITIES HAVING JURISDICTION

PRIMARY AHJ	CONTACT PERSON(S)	**PRIMARY AHJ**	CONTACT PERSON(S)
ADDITIONAL AHJ	CONTACT PERSON(S)	**ADDITIONAL AHJ**	CONTACT PERSON(S)

APPLICABLE CODES

SCOPE	YEAR / CODE	AUTHORITY
BUILDING	2018 INTERNATIONAL BUILDING CODE	INTERNATIONAL CODE COUNCIL
ACCESSIBILITY	2010 ADA STANDARDS FOR ACCESSIBLE DESIGN	UNITED STATES DEPARTMENT OF JUSTICE
LIFE SAFETY	2018 INTERNATIONAL LIFE SAFETY CODE	INTERNATIONAL CODE COUNCIL
FIRE PREVENTION	2018 INTERNATIONAL FIRE CODE	INTERNATIONAL CODE COUNCIL
ENERGY	2018 INTERNATIONAL BUILDING CODE	INTERNATIONAL CODE COUNCIL
ELECTRIC	2018 INTERNATIONAL ELECTRICAL CODE | NFPA 70	NATIONAL FIRE PREVENTION ASSOCIATION
PLUMBING	2018 INTERNATIONAL PLUMBING CODE	INTERNATIONAL CODE COUNCIL
MECHANICAL	2018 INTERNATIONAL MECHANICAL CODE	INTERNATIONAL CODE COUNCIL
GAS	2018 INTERNATIONAL FUEL GAS CODE	INTERNATIONAL CODE COUNCIL
EXISTING	2018 INTERNATIONAL EXISTING BUILDING CODE	INTERNATIONAL CODE COUNCIL

USE GROUP AND OCCUPANCY CLASSIFICATION

USE GROUP(S): E

THIS PROJECT IS UNDERGOING AN OCCUPANCY CHANGE. ACCORDING TO THE 2018 IEBC THE OCCUPANCY CHANGE NEEDS THE BUILDING CODE OFFICIAL'S APPROVAL.

MIXED USE CLASSIFICATION
(IF APPLICABLE)

CONSTRUCTION TYPE & FIRE RESISTANCE RATINGS

FIRE-RESISTANCE RATINGS PER TABLE 601	
STRUCTURAL FRAME	ETR
FLOOR CONSTRUCTION	ETR
ROOF CONSTRUCTION	ETR
EXTERIOR BEARING WALLS	ETR
INTERIOR BEARING WALLS	ETR
INTERIOR NONBEARING WALLS	ETR

FIRE-RESISTANCE RATINGS FOR NONBEARING EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE PER TABLE 602

FIRE SEPARATION DISTANCE	**CONSTR. TYPE EXISTING IIB**
$X \leq 5'$	1 HR.
$5' \leq X \leq 10'$	1 HR.
$10' \leq X \leq 30'$	1 HR.
$X > 30'$	0 HR.

BUILDING FULLY SPRINKLERED:	Y	**N**

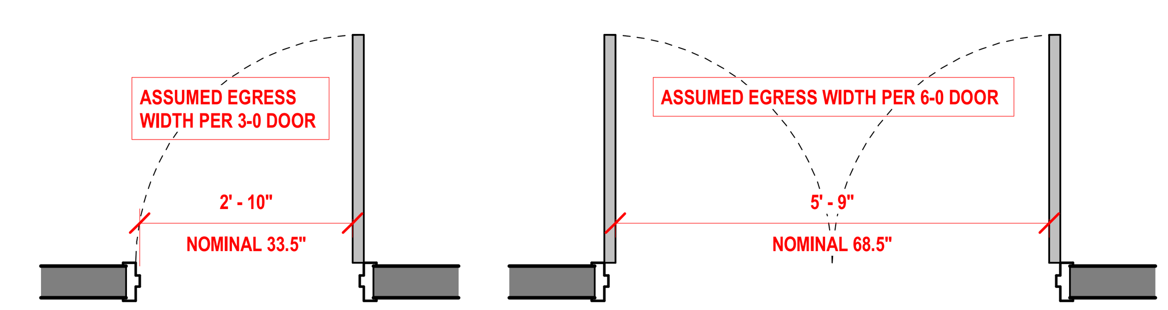
HEIGHT & AREA LIMITATIONS

HEIGHT

	ALLOWABLE	ACTUAL
PER IBC TABLE 504.3 (IN FEET)	**ETR**	**ETR**
PER IBC TABLE 504.4 (IN STO.)	**ETR**	**ETR**

AREA

ALLOWABLE *(CALCULATE FRONTAGE INCREASE BELOW)*	ACTUAL BUILDING AREA
ETR	ETR



LIFESAFETY LEGEND

1 HR RATED WALL

2 HR RATED WALL

57'-4"
EXIT ACCESS TRAVEL DISTANCE

OCC MAX. OCCUPANCY NOTIFICATION SIGN

FEC TYPE ABC FIRE EXTINGUISHER CABINET

FE TYPE ABC FIRE EXTINGUISHER w/WALL HOOK (2-A:20-B:C)

1

FE-K TYPE ABC FIRE EXTINGUISHER w/WALL HOOK

WBA

PPSD CTE RENOVATION

3603 US-80
PEARL, MS 39208

9/24/2025

CONSTRUCTION DOCUMENTS
WBA # 25-009

REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum 1	10.09.25

R200
LIFE SAFETY COMPLIANCE

GENERAL PROJECT NOTES

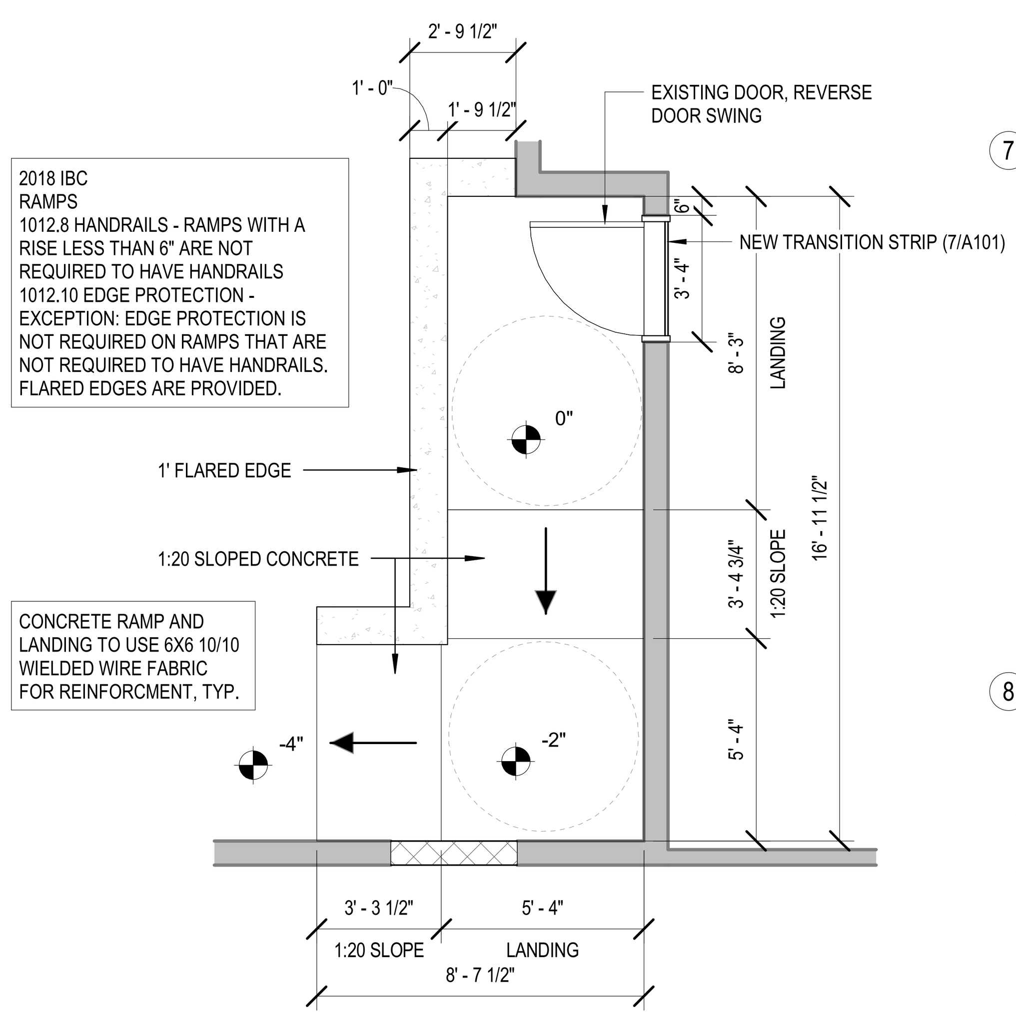
1. GC SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD PRIOR TO START OF WORK. ANY DISCREPANCIES BETWEEN DRAWINGS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE ARCHITECT.
2. PROTECT ALL EXISTING CONSTRUCTION, FINISHES, UTILITIES, AND SITE FEATURES NOT SCHEDULED FOR DEMOLITION OR MODIFICATION.
3. CAP OR PROPERLY TERMINATED ALL EXISTING UTILITIES MADE INACTIVE BY DEMOLITION.
4. REPAIR AND PAINT ALL EXTERIOR SURFACES TO MATCH ADJACENT EXISTING FINISHES.
5. FINAL CLEANING OF ALL NEW AND EXISTING SURFACES AFFECTED BY CONSTRUCTION SHALL BE PERFORMED PRIOR TO PROJECT COMPLETION.

MASONRY REPAIR NOTES
1. EXISTING BRICK SURFACES SHALL BE CLEANED USING NON-ABRASIVE METHODS AND DETERGENTS APPROVED BY THE ARCHITECT.
2. DAMAGED OR DETERIORATED BRICK SHALL BE REMOVED CAREFULLY AND REPLACES WITH NEW BRICK MATCHING EXISTING UNITS IN SIZE, COLOR, TEXTURE, AND MORTAR JOINT PROFILE.
3. REPOINT MORTAR JOINTS AS REQUIRED WITH MORTAR MIX MATCHING THE COLOR, COMPOSITION, AND TOOLING OF EXISTING MORTAR.

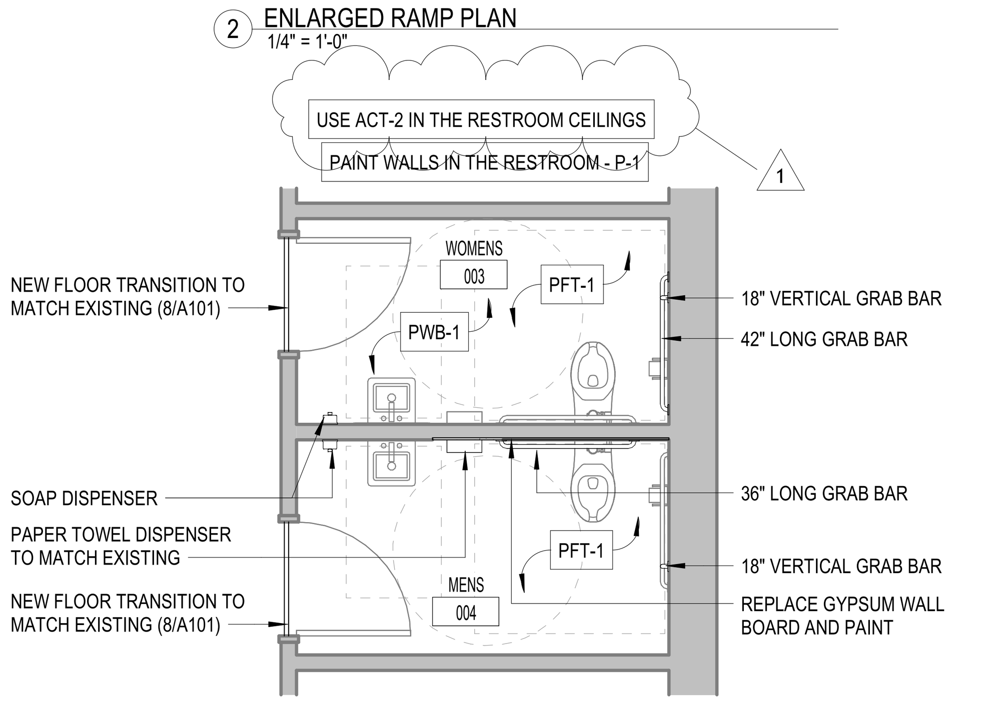
EIFS REPAIR NOTES
1. AREAS OF LOOSE, CRACKED, OR DELAMINATED EIFS SHALL BE REPAIRED.
2. EIFS REPAIRS SHALL MATCH EXISTING SYSTEM, COMPOSITION, THICKNESS, TEXTURE, AND FINISH.
3. EIFS REPAIRS SHALL BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, WITH REINFORCING MESH, BASE COAT, AND FINISH COAT TO MATCH EXISTING IN COLOR AND TEXTURE.
4. SEALANT JOINTS AT EIFS TERMINATIONS SHALL BE REPLACED AS REQUIRED WITH COMPATIBLE SEALANT.

FLOOR PLAN KEYNOTES

A. REPAIR THE LOOSE BRICK CONDITION ABOVE THE DOOR
B. RE-POINT BRICK CRACKS ON THE ENTIRE FACADE WITH MORTAR
C. RE-SET DOOR THRESHOLD AND BRICK AT DOOR SILL TO ALLOW DOOR TO BE OPENED EASILY.
D. RE-POINT BRICK AT ALL STEEL LINTEL BEARING LOCATIONS TO ENSURE THE STEEL LINTELS HAVE PROPER BEARING. (8" MINIMUM ON EACH END)
E. SEAL VERTICAL BRICK CONTROL JOINTS ON THE ENTIRE FACADES WITH BACKER ROD AND SEALANT
F. REPAIR CRACKS IN THE CORNICE ON THE ENTIRE FACADES
G. SEAL ALL SIDEWALK AND PAVING CRACKS AROUND THE BUILDING
H. REPLACE DOOR CLOSER
I. ADD PANIC HARDWARE TO DOOR
J. CLEAN AND PAINT BLOCK WALLS. PAINT WALLS WITH A 3 COAT SYSTEM USING LATEX PAINT, TYP.
K. CLEAN AND PAINT EXPOSED STRUCTURE AND METAL WALL PANELS.
L. REPLACE DAMAGED ACT GRID AND TILES ABOVE WITH SIMILAR ACT SYSTEM.
M. CLEAN AND REMOVE ANY UNWANTED ITEMS, DEBRIS, AND TRASH FROM THE ROOM. VERIFY WITH OWNER ITEMS TO REMAIN
N. CLEAN AND RESEAL EXISTING CONCRETE SLAB.



2 ENLARGED RAMP PLAN
1/4" = 1'-0"



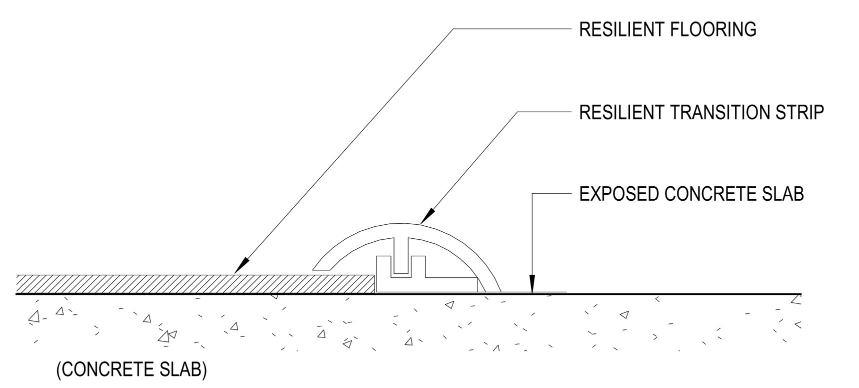
6 ENLARGED RESTROOM PLAN
1/4" = 1'-0"

FINISH SCHEDULE

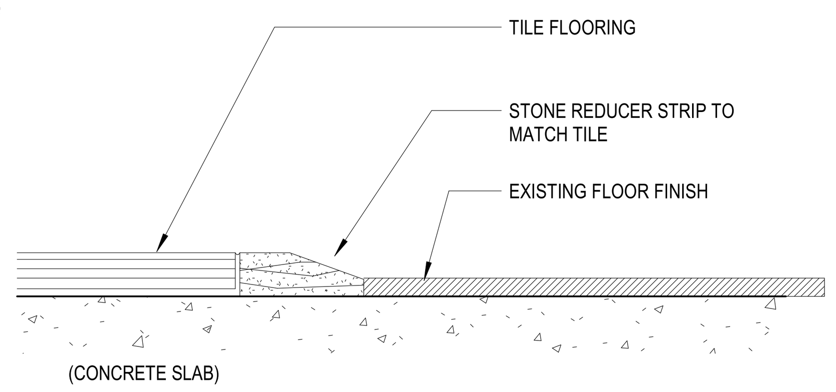
ROOM #	ROOM NAME	FLOOR FIN.	BASE	WALL FIN.	CEILING FIN.
001	SHOP	SC-1	--	P-1	P-1
002	CLASSROOM	LVT-1	RB-1	P-1	ACT-1
003	WOMENS	PFT-1	PWB-1	P-1	ACT-2
004	MENS	PFT-1	PWB-1	P-1	ACT-2
008	MECHANICAL MEZZANINE / STORAGE	ETR	ETR	P-1	ETR
026	CORRIDOR	LVT-1	RB-1	P-1	ACT-1

STEEL ANGLE TO BE REPLACE WITH THE SAME SIZE ANGLE AS THE DAMAGED BRACE. CONNECT NEW ANGLE THE SAME AS THE EXISTING ANGLE.

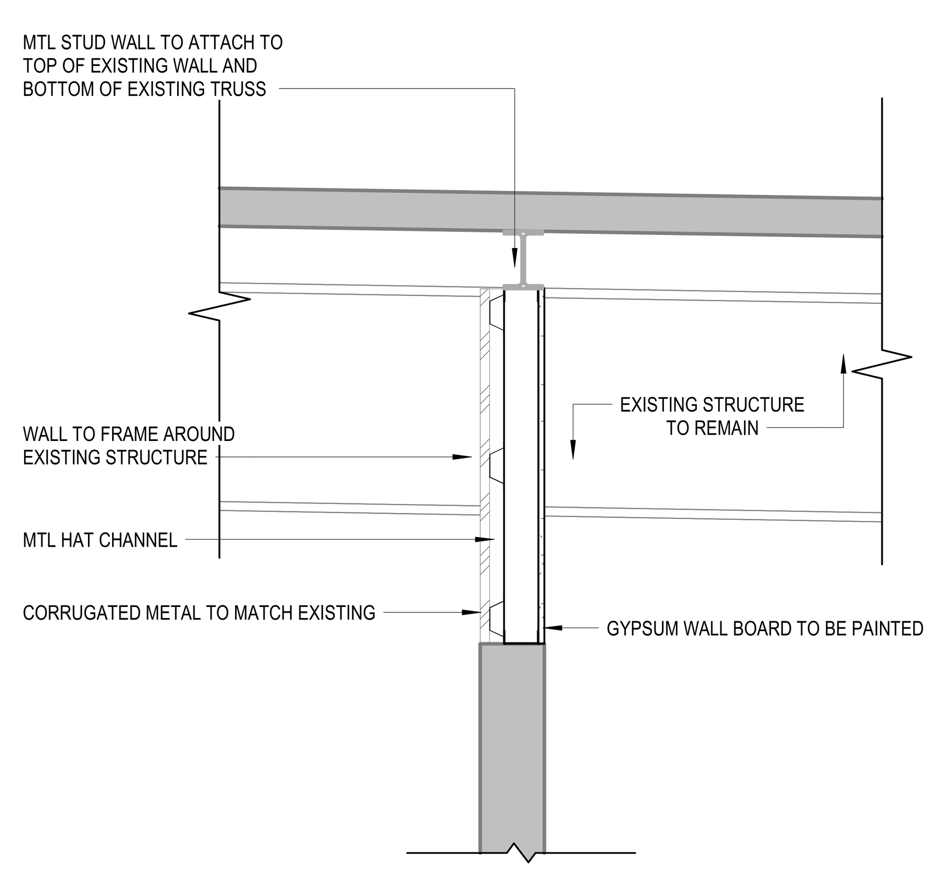
4 STRUCTURAL BRACE REPLACEMENT
1" = 1'-0"



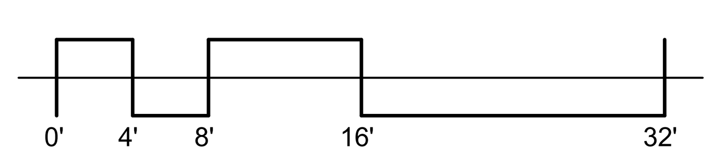
7 RESILIENT FLOOR TILE TO CONCRETE TRANSITION STRIP
12" = 1'-0"



8 FLOOR TILE TO EXISTING RESILIENT FLOOR TILE
12" = 1'-0"

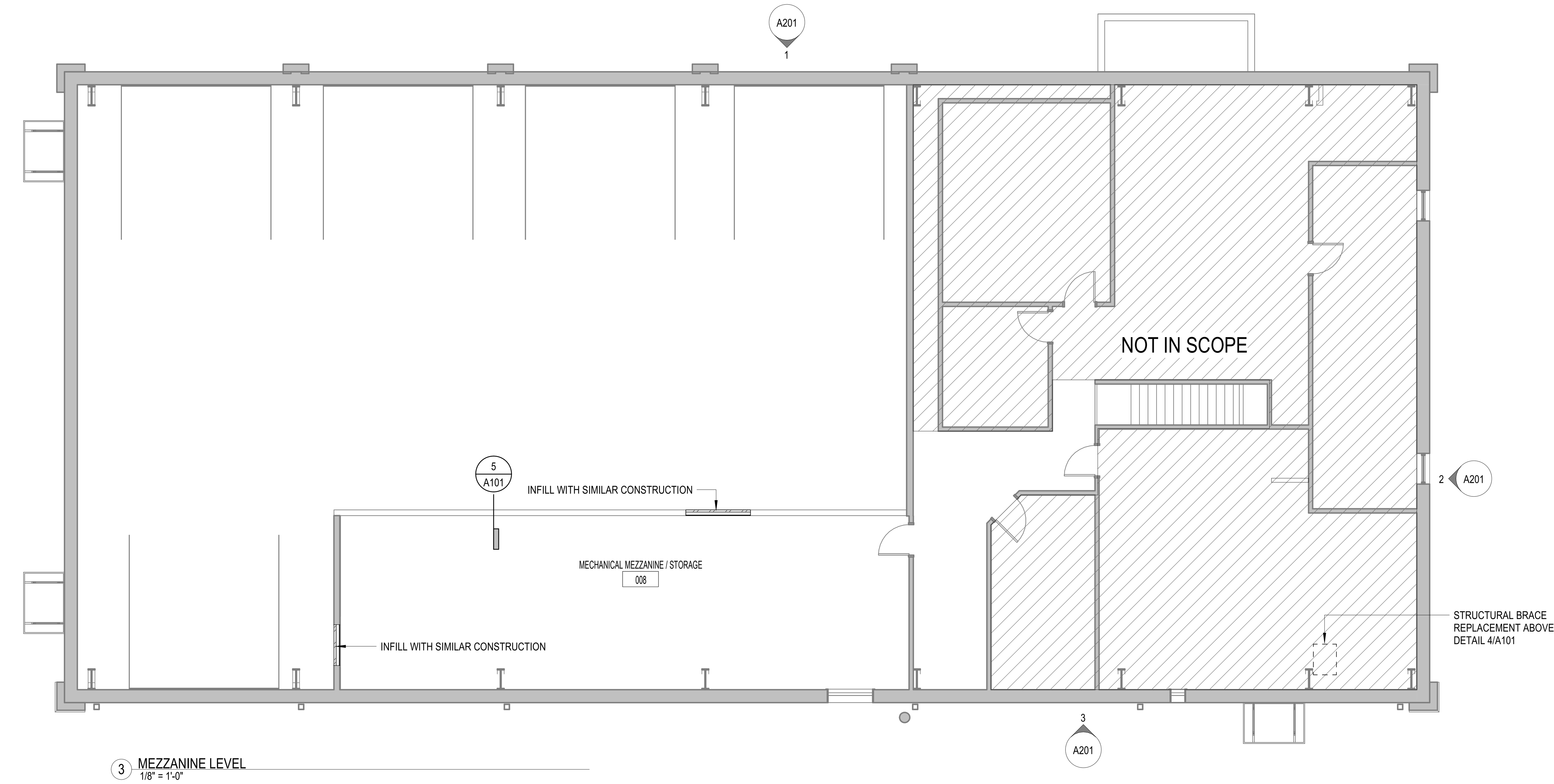


5 PLAN DETAIL 1
3/4" = 1'-0"

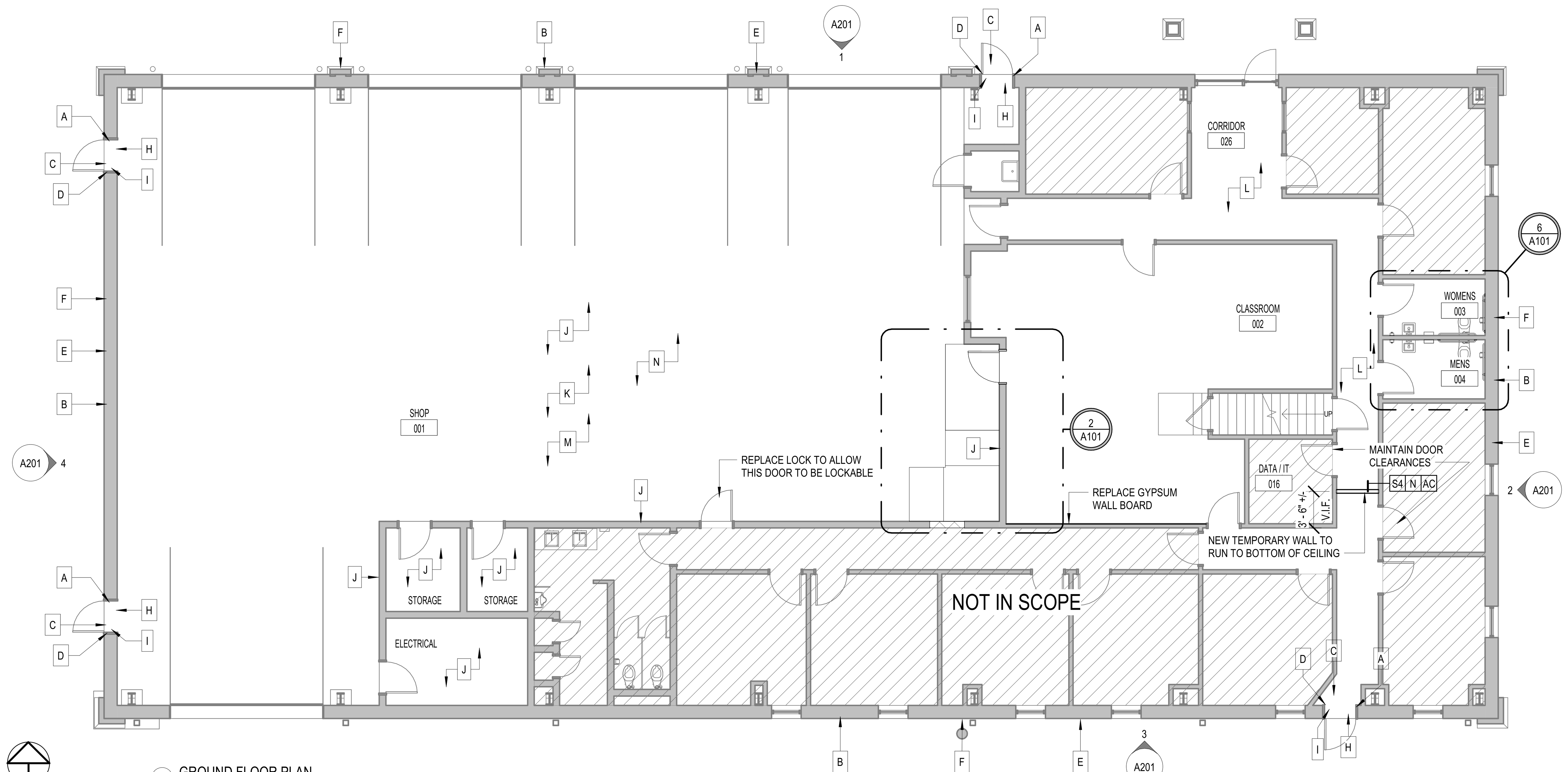


FINISH LEGEND

Category	Finish Code	Finish Type	Manufacturer	Product Name	Color	Finish	Product Size	Installation Method
CEILING FINISH	ACT-1	ACOUS. CLG. TILE	ARMSTRONG	STANDARD	WHITE/FINE		24"X24"	
CEILING FINISH	ACT-2	ACOUS. CLG. TILE	ARMSTRONG	CLEAN ROOM VL	WHITE/FINE		24"X24"	--
FLOOR FINISH	LVT-1	LUXURY VINYL TILE	PATCRAFT	LONGITUDE	HAZE 00513	--	5.6"X47.5"	RUNNING BOND
FLOOR FINISH	PFT-1	PORCELAIN FLOOR TILE	DALTILE	PORTFOLIO VIVID	ELECTRIC BLUE	--	12"X24"	STACK BOND
FLOOR FINISH	SC-1	SEALED CONCRETE	--	--	--	--	--	--
WALL BASE	PWB-1	PORCELAIN WALL BASE - BULLNOSE	DALTILE	PORTFOLIO VIVID	ELECTRIC BLUE	--	3"X12"	--
WALL BASE	RB-1	RUBBER BASE	JONHSONITE	TRADITIONAL DURACOVE THERMOPLASTIC RUBBER	CHARCOAL	--	4"	--
WALL FINISH	P-1	WALL PAINT - LIGHT GREY	SHERWIN WILLIAMS	--	SW7065 ARGOS	EGGSHELL	--	--



3 MEZZANINE LEVEL
1/8" = 1'-0"



1 GROUND FLOOR PLAN
1/8" = 1'-0"

WBA

PPSD CTE RENOVATION

3603 US-80
PEARL, MS 39208

9/24/2025

CONSTRUCTION DOCUMENTS
WBA # 25-009

REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum 1	10.09.25

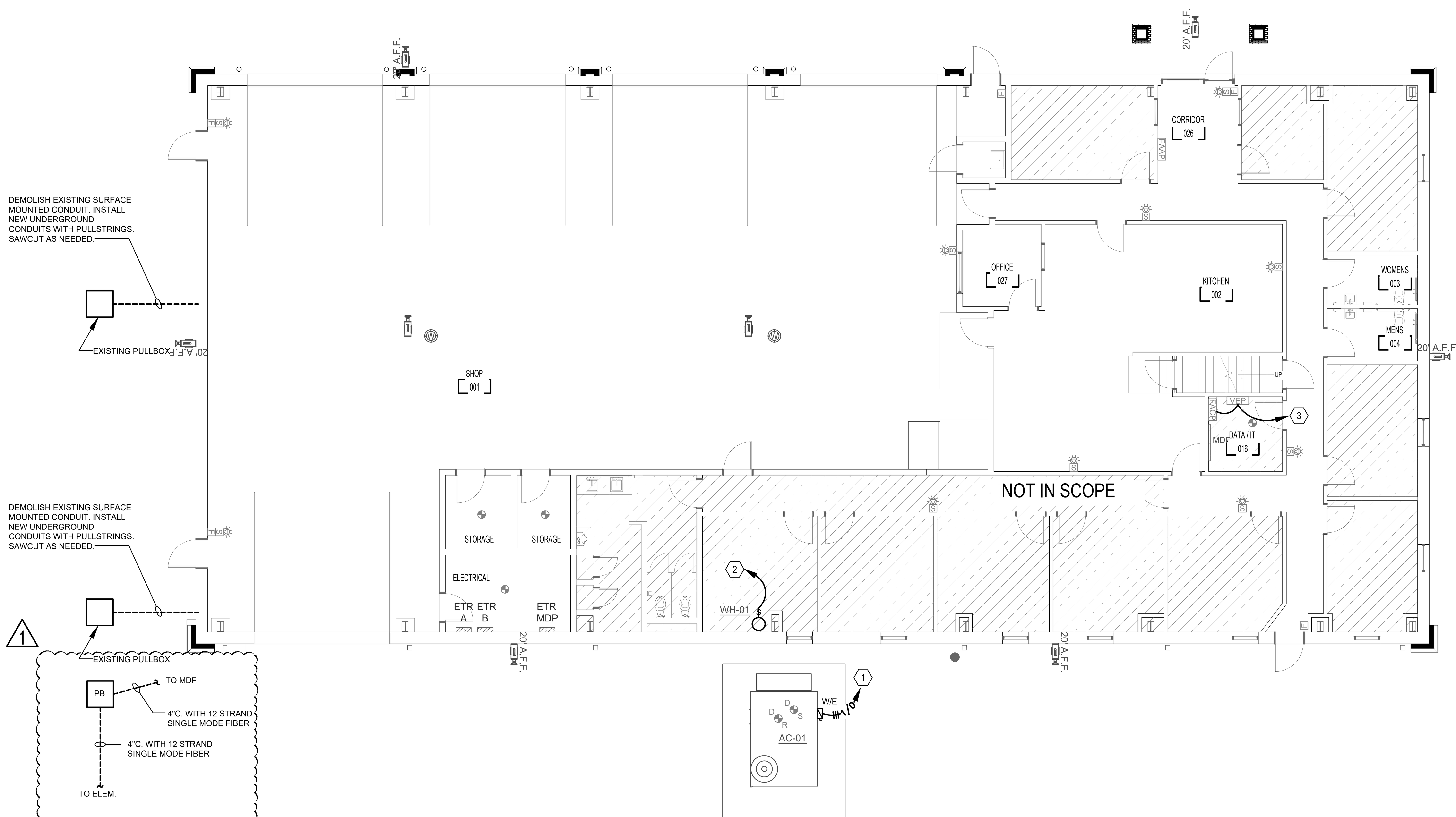
A101
FIRST FLOOR PLAN

THE POWER SOURCE PLLC
305 Highway 51
Ridgeland, MS 39157
Voice (601) 605-4820
Fax (601) 605-4875
TPS Proj. # 25166

WBA
ARCHITECTURE

PPSD CTE RENOVATION

3603 US-80
PEARL, MS 39208



KEYED NOTES

Mark	Description
1	PROVIDE A NEW 150/3 BREAKER IN EXISTING PANEL "MDP".
2	PROVIDE A NEW 20/1 BREAKER IN EXISTING PANEL "B".
3	PROVIDE A NEW 20/1 BREAKER IN EXISTING PANEL "B". LABEL THE BREAKER WITH A RED LABEL READING FIRE ALARM PANEL.

1
E200

MECHANICAL PLAN

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

9/29/2025
100% CONSTRUCTION DOCUMENTS
WBA # 25-009

REVISIONS

NO.	DESCRIPTION	DATE
1	Addendum 1	2025-10-09