



PROJECT MEMORANDUM

DATE: April 27, 2026

PROJECT: RESTROOM ALTERATIONS AT
TRINITY ELEMENTARY SCHOOL
Williamson County Schools
J+B No. 2524
WCS RFB #1405

ARCHITECT: Johnson + Bailey Architects P.C.
City Center, Suite 700
100 East Vine Street
Murfreesboro, TN. 37130

TO: Baron Construction, LLC
Grace Contracting
Grinder, Taber & Grinder Inc.
Warhorse Construction LLC

Attached is Addendum No. 1 dated April 27, 2026, for the referenced project. Please sign and return a copy of this Memorandum by e-mail (kpettit@jbarchitects.com) indicating receipt of the Addendum.

CONFIRMATION OF RECEIPT - ADDENDUM NO. 1

COMPANY: _____

BY: _____

DATE RECEIVED: _____

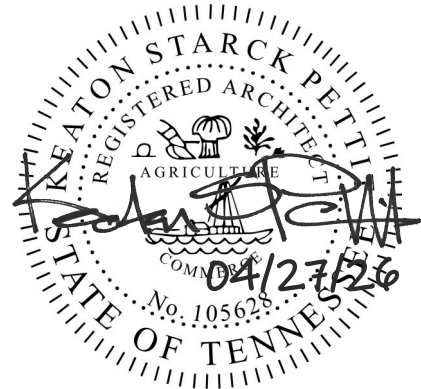
cc (via email): Bill Portman
Amanda Waycaster
Builders Exchange of Tennessee
Construct Connect

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The following Addendum adds to, corrects, or supersedes Contract Documents dated April 9, 2026 and is as follows:

CHANGES TO THE DRAWINGS

DRAWING A1.1

REFERENCE: KEYED DEMOLITION NOTES

REVISE: Demolition note 1 to read as shown on attached revised drawing A1.1, Revision 1 dated 04-27-26.

DRAWING A2.1

REFERENCE: ACOUSTICAL CEILING TILE SPECIFICATIONS

DELETE: Paragraph 1.2.B as shown on attached revised drawing A2.1, Revision 1 dated 04-27-26.

DRAWING A4.1

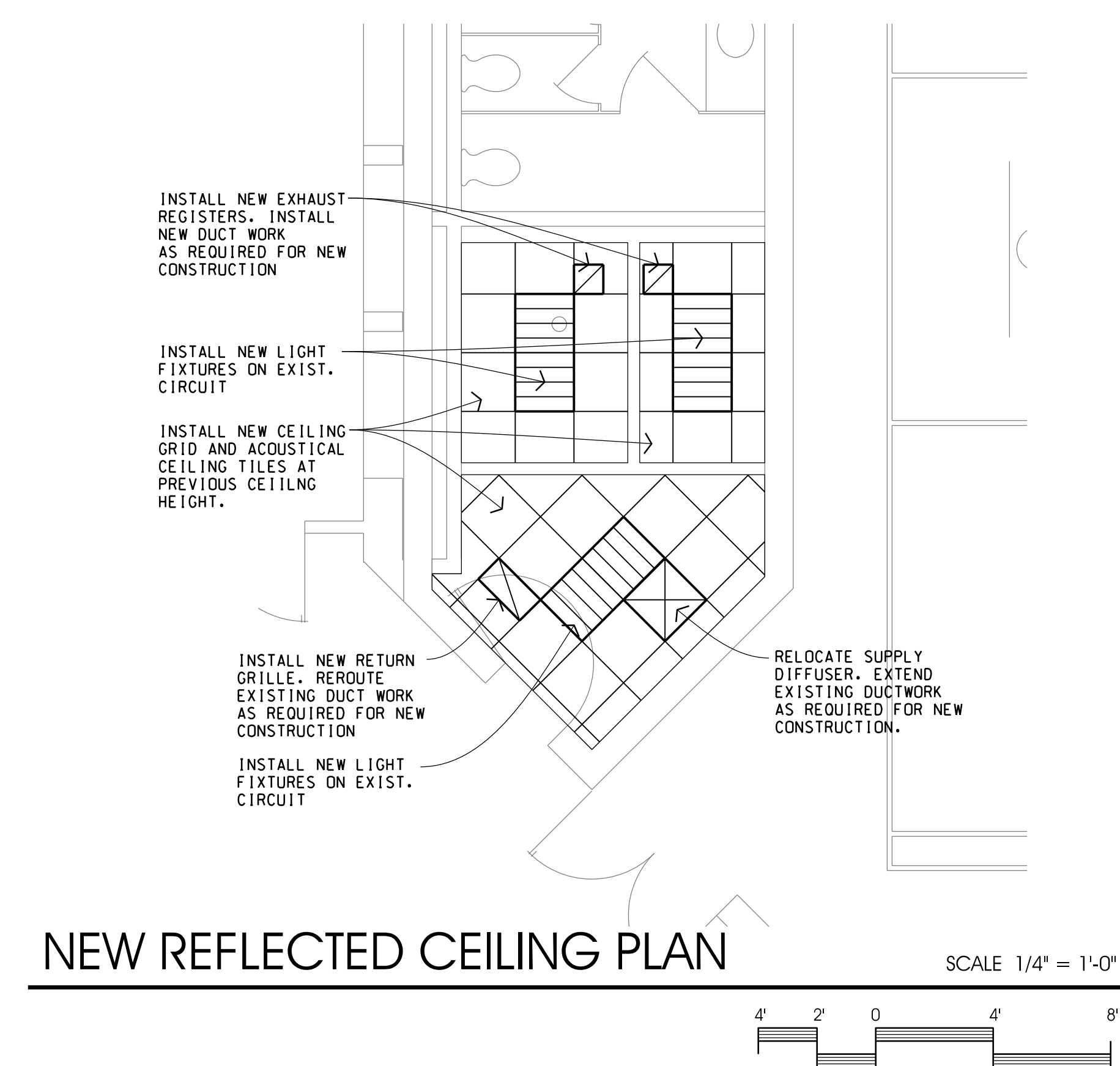
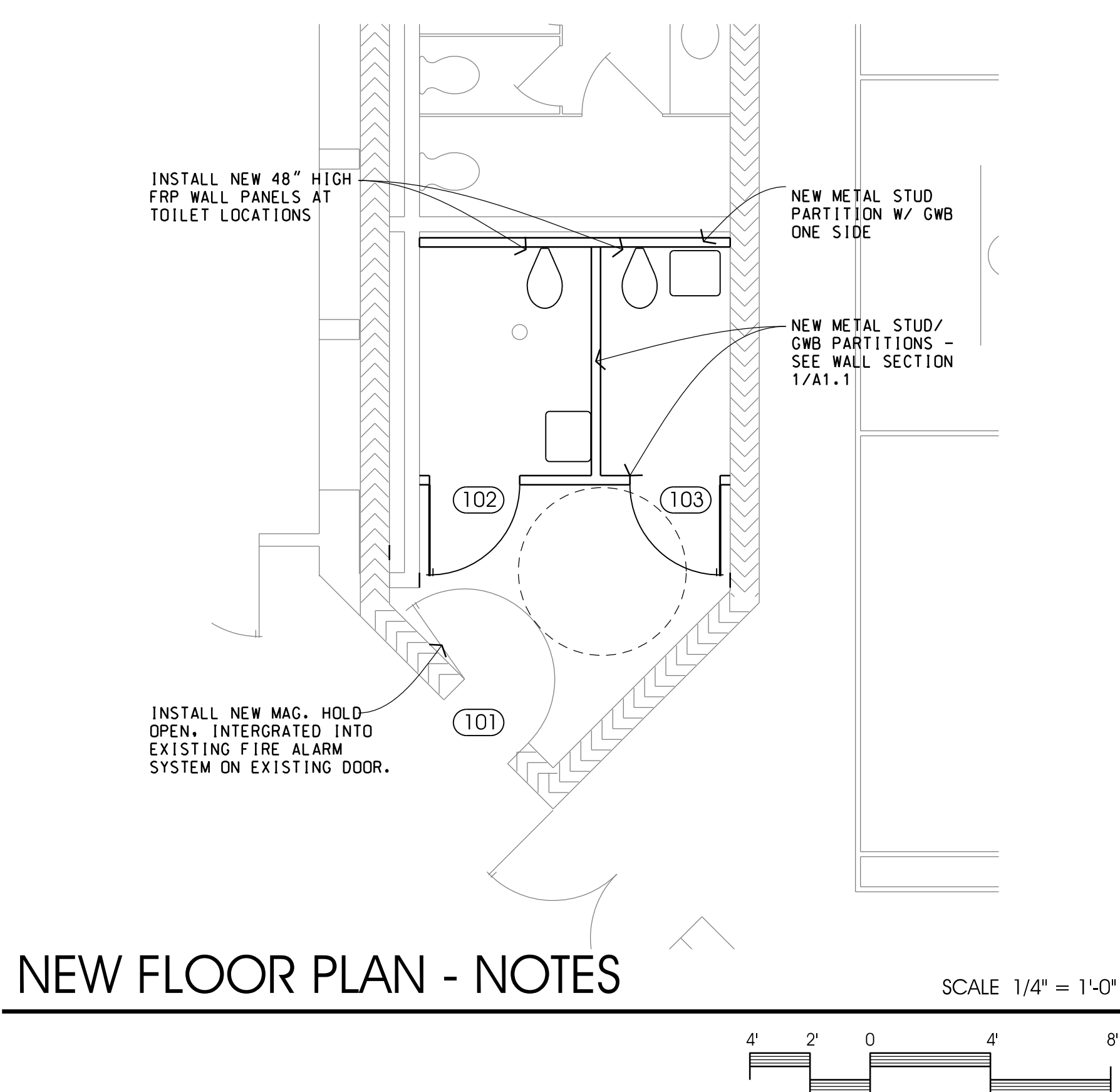
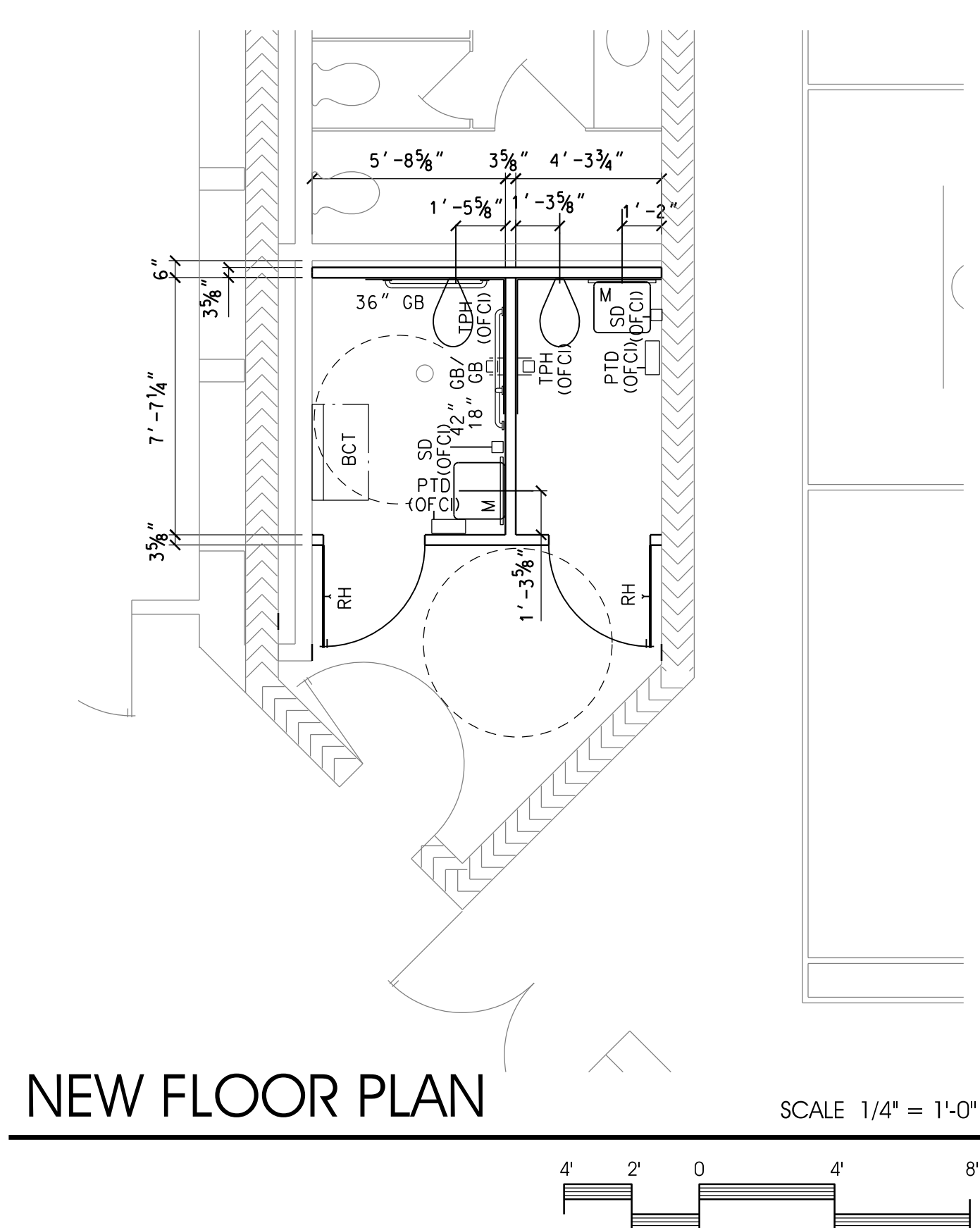
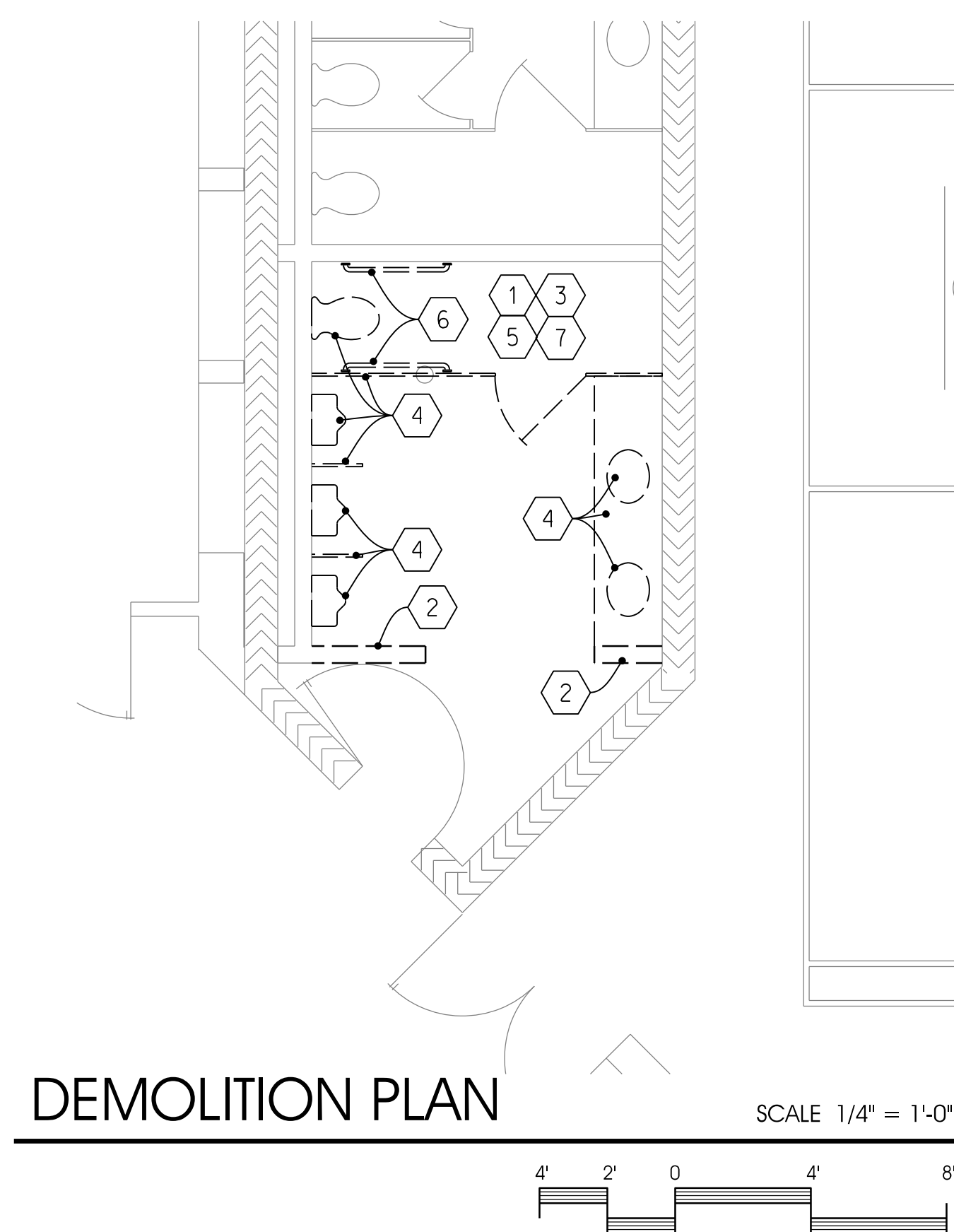
REFERENCE: LIGHTING/FIRE ALARM FLOOR PLAN

REVISE: Floor Plan to correct drafting error as shown on attached revised drawing A4.1, Revision 1 dated 04-27-26.

ADD: Existing fire alarm system information as shown on attached revised drawing A4.1, Revision 1 dated 04-27-26.

- END OF ADDENDUM -

ATTACHMENTS: Revised Drawing A1.1 dated 04-27-26
Revised Drawing A2.1 dated 04-27-26
Revised Drawing A4.1 dated 04-27-26



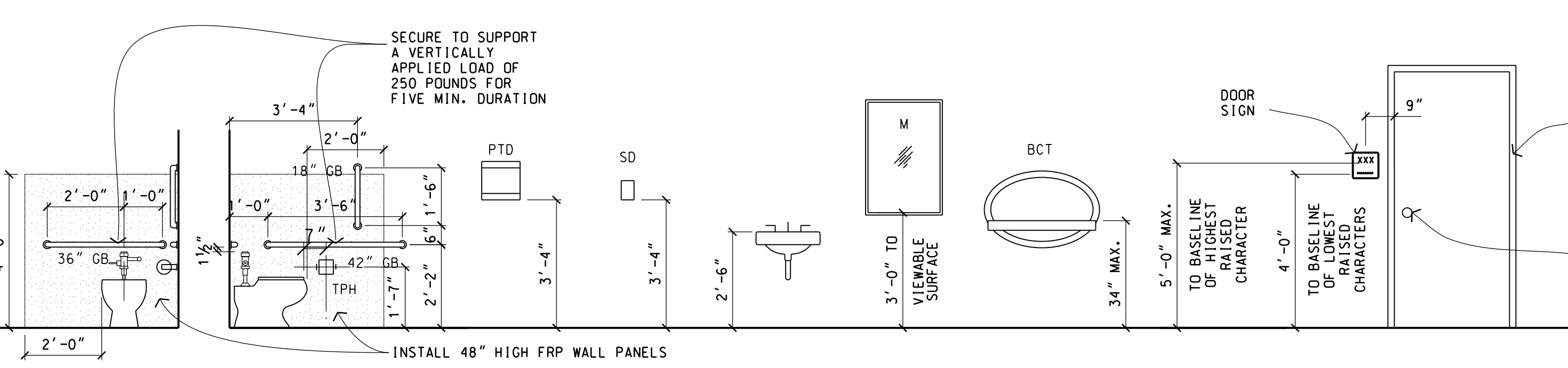
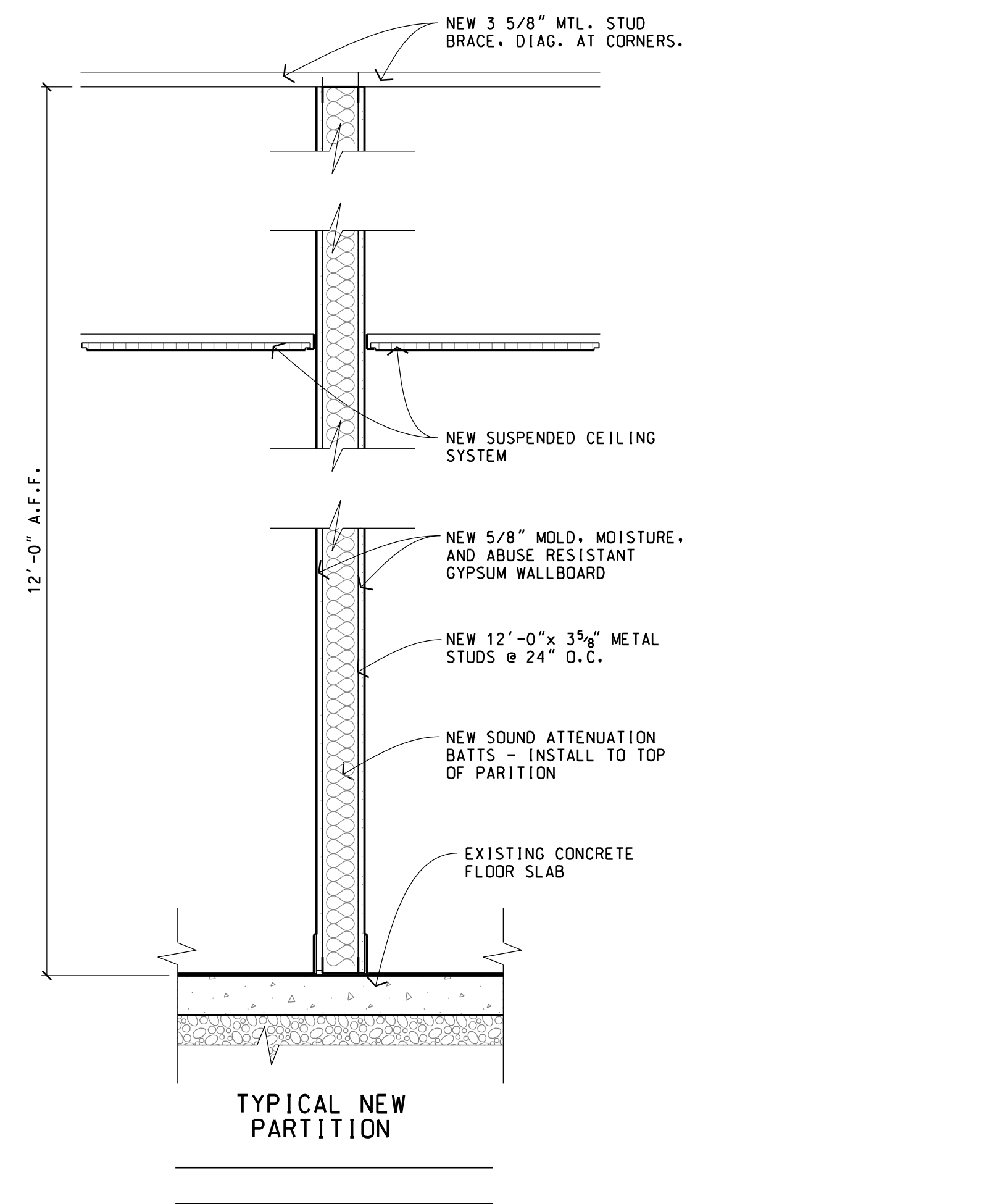
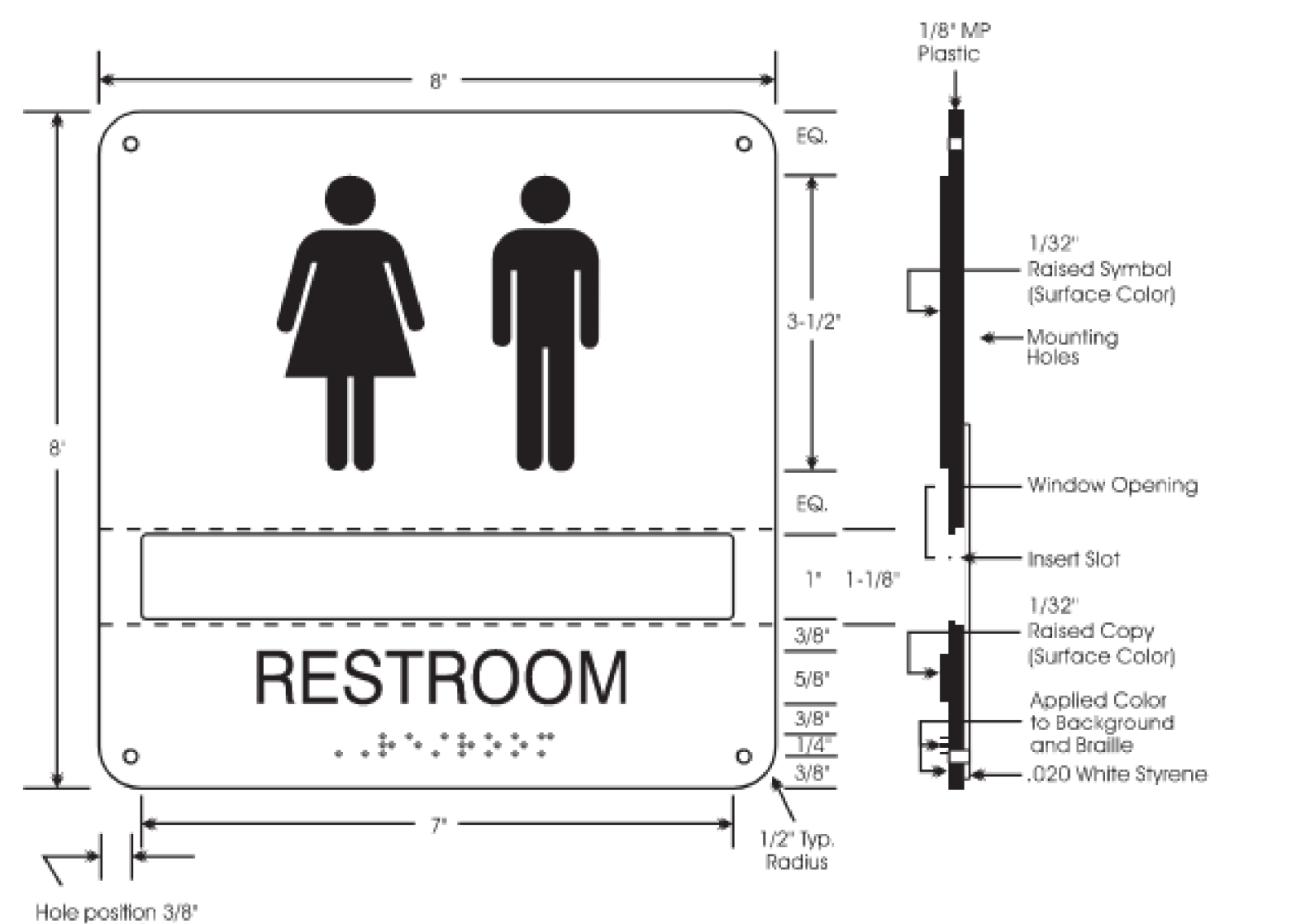
FLOOR PLAN SYMBOLS LEGEND

	EXISTING WALLS/ITEMS TO REMAIN		EXISTING 4 HOUR WALLS TO REMAIN
	EXISTING ITEMS TO BE REMOVED		NEW METAL STUDS AT 24" ON CENTER WITH NEW 5/8" MOLD, MOISTURE, AND ABUSE RESISTANT GYPSUM WALLBOARD EACH SIDE - NOT RATED.

- KEYED DEMOLITION NOTES**
- REMOVE EXISTING EPOXY COATED TILE BASE AND TILE FLOORING. PREPARE SURFACE FOR NEW CONSTRUCTION.
 - REMOVE PORTION OF EXISTING MASONRY WALL BEARING ADJOINING MASONRY WALL TO PROVIDE A SMOOTH SURFACE.
 - SAWCUT EXISTING FLOOR SLAB AS REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING.
 - REMOVE EXISTING PLUMBING FIXTURES, PARTITIONS, AND COUNTERTOPS. REWORK EXISTING WATER SUPPLY ROUGH-IN AS REQUIRED FOR NEW CONSTRUCTION. REMOVE EXISTING WATER SUPPLY LINES NOT BEING REUSED AND CAP ABOVE CEILING. CAP EXISTING DRAIN.
 - REMOVE PORTIONS OF EXISTING WALLS AS REQUIRED TO INSTALL NEW PLUMBING. RETURN WALLS TO ORIGINAL CONDITION.
 - REMOVE EXISTING GRAB BARS. PREPARE WALLS AS REQUIRED FOR NEW CONSTRUCTION.
 - REMOVE EXISTING MIRRORS, SOAP DISPENSERS, PAPER TOWEL DISPENSERS, AND TOILET PAPER DISPENSERS. REINSTALL AT LOCATIONS SHOWN ON PLANS.
- GENERAL RENOVATION NOTES**
- REPAIR AND/OR PAINT EXISTING SURFACES WHERE EXISTING MECHANICAL & ELECTRICAL ITEMS ARE REMOVED, TO MATCH ADJACENT EXISTING CONSTRUCTION.
 - REPAIR EXISTING SURFACES DAMAGED DURING INSTALLATION OF NEW CONSTRUCTION TO MATCH ADJACENT EXISTING CONSTRUCTION.
 - REPAIR EXISTING MECHANICAL & ELECTRICAL SYSTEMS DAMAGED DURING CONSTRUCTION.
 - RELOCATE EXISTING ELECTRICAL AND PLUMBING AS REQUIRED FOR NEW WORK.
 - ALL DIMENSIONS SHOWN ARE TO FACE OF EXISTING CONSTRUCTION OR TO FACE OF METAL STUD AT NEW WALL CONSTRUCTION.
 - PROTECT ALL EXISTING CONSTRUCTION FROM DUST AND DAMAGE DUE TO RENOVATION WORK.

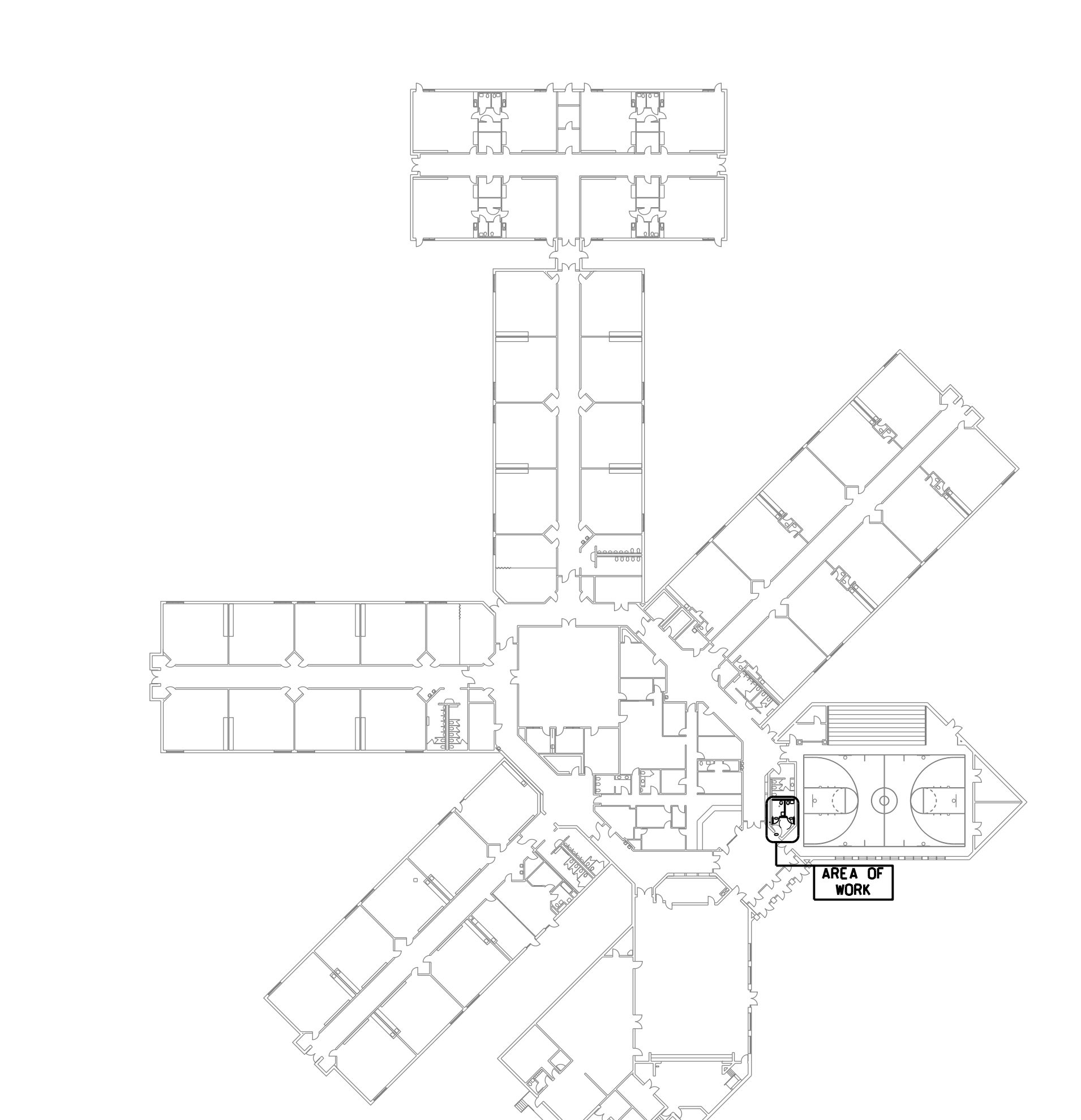
- NEW WORK NOTES**
- PAINT UNFINISHED NEW CONSTRUCTION TO MATCH EXISTING ADJACENT CONSTRUCTION.
 - PATCH MASONRY PARTITIONS WHERE REMOVED OR DAMAGED FOR INSTALLATION OF NEW PLUMBING FIXTURES.
 - RE-INSTALL MIRROR, PAPER TOWEL DISPENSER, AND SOAP DISPENSER AT NEW LOCATIONS SHOWN ON PLANS.
 - PATCH CONCRETE FLOOR SLAB AT LOCATIONS WHERE REMOVED FOR INSTALLATION OF UNDERGROUND PLUMBING. PREPARE SLAB AS REQUIRED FOR APPLICATION OF NEW RESINOUS FLOORING.
 - INSTALL RESINOUS FLOORING WITH INTEGRAL RESINOUS BASE. PROVIDE STONE THRESHOLD AT NEW DOOR OPENINGS.
 - PAINT NEW EXPOSED GWB SURFACES: ONE COAT PPG 17-90 SEAL GRIP ACRYLIC PRIMER, TWO COATS PPG 9-300 SERIES PURE PERFORMANCE EGGSHELL ENAMEL OR EQUAL BY SHERWIN WILLIAMS. PAINT EXISTING HOLLOW METAL DOOR FRAME.
 - INSTALL NEW DOOR SIGNS AT (2) NEW DOOR LOCATIONS.
 - INSTALL NEW GRAB BARS, ROBE HOOKS & BABY CHANGING TABLES AS SHOWN ON PLANS.

PROVIDE NEW DOOR SIGN AT NEW DOORS:
MOHAWK SIGN SYSTEMS "SERIES 200A SAND-CARVED"



INTERIOR ELEVATIONS
SCALE 3/8" = 1'-0"

WALL SECTION
SCALE 1" = 1'-0"



MASTER FLOOR PLAN
N.T.S.

ACOUSTICAL CEILING TILE SPECIFICATIONS

PART 1 - GENERAL

- 1.1 SCOPE
 - A. Install specified ceiling system(s) in all areas noted on the drawings.
 - B. Design and size components to withstand seismic loads in accordance with the International Building Code (2006 edition), Section 1621 for Category B.

- 1.2 COORDINATING
 - A. Coordinate with other trades to see that openings in ceilings for fixtures, diffusers and other items are located in accordance with the **RESINOUS CEILING** drawings.

1.3 REFERENCES

- A. ASTM A 366 - Standard Specification for Steel, Carbon Cold-Rolled Sheet, Commercial Quality.
- B. ASTM A641 - Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire.
- C. ASTM C 423 - Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method.
- D. ASTM C635 - Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings.
- E. ASTM C636 - Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels.
- F. ASTM C665 - Mineral Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing.
- G. ASTM E590 - Application of Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels in Areas Requiring Seismic Restraint.
- H. ASTM E1111 "Standard Test Method for Measuring the Interzone Attenuation of Ceiling Systems".
- I. ASTM E1414 - "Standard Test Method for Airborne Sound Attenuation Between Rooms Sharing A Common Ceiling Plenum".
- J. ASTM E1264 - Classification of Acoustical Ceiling Products.
- K. ASTM E1477 "Standard Test Method for Luminous Reflectance Factor of Acoustic Materials by Use of Integrating Sphere Reflectometers."
- L. ASTM G21 "Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi".
- M. CISA (Ceilings and Interior Systems Contractors Association) - Acoustical Ceilings: Use and Practice.
- N. UL - Fire Resistance Directory

- 1.4 SUBMITTALS
 - A. Procedures for submittals: Section 01300 - SCHEDULES, REPORTS AND SUBMITTALS
 - B. Product Data: Provide data on metal grid system components and acoustic performance. Manufacturer's technical data for each type required. Requirements shall include, but are not limited to, single source material supply, certified acoustical performance as classified by Underwriters Laboratories, panel design, size, composition, color and finish, suspension system profile and sizes, compliance with referenced standards.
 - C. Seismic Performance: Provide acoustical ceiling system that has been evaluated by an independent party and found to be compliant with the 2003 International Building Code, Seismic Category B.

- 1. Tested per International Code Council - Evaluation Services AC 156 Acceptance Criteria for Seismic Qualification Testing of Non-Structural Components as evidenced by International Code Council Evaluation Report, ESR-1308.
- D. Certification: Manufacturer's certifications that system complies with specified requirements:

- 1. For seismic performance: International Code Council Evaluation Report, ESR-1308
- 2. For acoustical performance: Each carton of material must carry an approved independent laboratory classification of NRC, CAC, and AC.

- E. Warranty: Submit a written warranty executed by the manufacturer, agreeing to repair or replacement of acoustical panels that fail within the warranty period. Failures include, but are not limited to:
 - 1. Acoustical Panels: Sagging, warping, growth of mold or mildew, and manufacturer's defects.
 - 2. Grid System: Rusting and manufacturer's defects.
 - 3. Warranty period for acoustical panels and grid systems designated with HumiGuard Plus or HumiGuard Max performance supplied by one source manufacturer is fifteen (15) years after date of substantial completion.
 - 4. Manufacturer's warranty shall not deprive the owner of other rights under other provisions of the Contract Documents, and will be in addition to and run concurrent with other warranties made by the contractor under the requirements of the Contract Documents.

- F. Samples: Submit samples Minimum 6" square in size illustrating material and finish of acoustic units, and of suspension system main runner, 4 foot cross tee, and perimeter molding.

PART 2 - PRODUCTS

2.1 ACOUSTICAL TILE: - TYPE AT

- A. CertainTeed, Lay-in Fine Fissured w/BioShield:
 - 1. Product No.: HRF197
- 2. U.L. Class A
 - 3. Flame Spread: 0-25 (ASTM E 84)
 - 4. IRC Range: 55
 - 5. Standard Finish: BioShield with white paint on front and back.
 - 6. Light Reflectance: 43
 - 7. Weight: 0.70 lbs/sf.
 - 8. CAC: Min 35
 - 9. Panel Size: 24" x 48" x 5/8" thick, square edge
 - 10. Warranty: 10 year HumiGuard Plus
- B. USG, Radar ClimatePlus 2410
- C. Armstrong, Fire Fissured 1729

2.2 SUSPENSION SYSTEMS

- A. Exposed grid type:
 - 1. 15/16" exposed grid system
 - 2. Framing shall be electro galvanized steel and shall be factory finished in colors to match ceiling tile
 - 3. Wall angle: 0.016" thick minimum, 26 gauge, with 7/8" legs.

B. Locations.

- 1. Types AT Acoustic Tile:
 - A. Intermediate duty, hot dipped galvanized exposed tee grid system.
 - B. Baked polyester paint finish on exposed surfaces.
- C. Approved Manufacturers:
 - 1. Chicago Metallic Corp. - Types 211.
 - 2. USG Interiors Inc. - D224.
 - 3. Armstrong - Prelude 7300 Series
- D. Attachment Devices: In accordance with the International Building Code, Section 1621, for Category B.
- E. Wire for Hangers and Ties: In accordance with the International Building Code, Section 1621.
- F. Wall Moldings: In accordance with the International Building Code, Section 1621, for Category B or method as described in ESR-1308.
 - 1. Nominal 7/8 inch x 7/8 inch hemmed, pre-finished angle molding
 - 2. Nominal 15/16 inch x 15/16 inch hemmed, pre-finished angle molding.
 - 3. Provide radius trim at bullnose concrete masonry corner conditions

PART 3 - EXECUTION

3.1 ENVIRONMENTAL REQUIREMENTS

- A. Do not install until painting and other wet work is completed.
- B. Sequence work to ensure acoustic ceilings are not installed until building is enclosed, sufficient heat is provided, dust generating activities have terminated, and overhead work is completed, tested, and approved.
- C. Products with HumiGuard Plus humidity resistant performance can be installed up to 120 degrees F and in spaces before building is enclosed, where HVAC systems are cycled or not operating. Cannot be used in exterior applications, where standing water is present, where moisture will come in direct contact with ceilings.

3.2 LAYOUT

- A. Layout system in accordance with reflected ceiling plan.

3.3 INSTALLATION

- A. Do not install until painting is completed.
- B. Install correct style in spaces as indicated in drawing Finish Schedule.
- C. Install suspension system and panels in accordance with the International Building Code, Section 1621, except as noted in Section 4.4.3.2 of ESR-1308 and the authorities having jurisdiction.
- D. ESR-1308, Section 4.4.3.2, Seismic Design Category B Installation.
- E. For reveal edge panels: Cut and reveal or rabbet edges of ceiling panels at border areas and vertical surfaces.
- F. Install acoustical panels in coordination with suspended system with edges resting on flanges of main runner and cross tees. Cut and fit panels neatly against abutting surfaces. Support edges by wall moldings.

3.4 ADJUSTING & CLEANING

- A. Replace damaged and broken panels.
- B. Clean exposed surfaces of acoustical ceilings, including trim, edge moldings, and suspension members. Comply with manufacturer's instructions for cleaning and repair of minor finish damage. Remove and replace work that cannot be successfully cleaned and repaired to permanently eliminate evidence of damage.

GYPSUM WALLBOARD SPECIFICATIONS

PART 1 - GENERAL

- 1.1 SCOPE
 - A. Includes, but is not limited to:
 - 1. Interior gypsum wallboard and metal stud partitions
 - 2. Interior stud wall framing for fiber reinforced abuse resistant panels
- 1.2 COORDINATING
 - A. Coordinate with other trades to preclude delays and interferences.
- 1.3 STANDARDS
 - A. Have copies of U.S. Gypsum referenced specifications for cleaning and repair of workmen and Architect whenever work is in progress.

PART 2 - PRODUCTS

- 2.1 APPROVED MANUFACTURERS
 - A. Moisture, Mold, and Abuse Resistant Gypsum Panels:
 - 1. United States Gypsum (USG):
 - a. USG/Unimast Product numbers or names listed in specification for reference
 - 2. Gold Bond/National Gypsum
 - 3. Georgia Pacific Corporation
 - 4. CertainTeed Gypsum
 - 5. Temple-Inland Products

- B. Metal Studs, Runners and Accessories:
 - 1. United States Gypsum (USG)
 - 2. Dietrich
 - 3. Incoir

- 2.2 MOISTURE, MOLD, AND ABUSE RESISTANT GYPSUM PANELS: U.S. Gypsum Company
 - A. United States Gypsum Company, USG Sheetrock® Brand Mold Tough® VHI Firecode® X Panels

2.3 METAL STUDS, RUNNER & ACCESSORIES

- A. Studs and runners, standard 20 gauge steel, sizes indicated on the drawings.
- B. Metal furring channels: 7/8" X 2-9/16", 20 gauge
- C. Cold Rolled Channels: 1-1/2" or 2", 16 gauge

2.4 TRIM

- A. USG Type 801, metal casing bead - where walls intersect other materials and all columns.
- B. USG No. 103 Perf-A-Bead - at outside corner.
- C. USG No. 093, Control joints.

2.5 FASTENERS

- A. Drywall application: 1" long Unimast Type S Bugle Head Screws.
- B. Top runners to deck with screws.
- C. Bottom runners to concrete slab. Power driven studs or concrete stud nails.
- D. Studs to runner, 3/8" long Unimast Type S-12 pan head screws.
- E. Treatment for cuts in W/R drywall: Sheetrock brand W/R Sealant.
- 2.6 ADHESIVE
 - A. USG Durabond for laminating gypsum board to concrete block walls.
- 2.7 JOINT TREATMENT
 - A. USG Perf-A-Tape reinforcing tape
 - B. USG all purpose joint compound

PART 3 - EXECUTION

3.1 STUD ERECTION

- A. Attach all ceiling runners to bottom of steel deck or concrete with suitable fasteners spaced 2" from ends and 24" o.c.
- B. All rated and non-rated partitions extend from floor slab to fit tight against steel deck above.
- C. Accurately align metal floor (sill) runners with top runners with suitable fasteners spaced 2" from ends and 24" o.c.
- D. Over door frames, place horizontally a piece of runner cut to length with web flange bend at each end and secure. Position a cut-to-length stud extending to ceiling runner at vertical board joints over door frame header.
- E. Install studs vertically engaging floor and ceiling runners and spaced 24" o.c. at gypsum wallboard applications, 16" on center where abuse panels are on either one or both sides of wall. Place double studs in direct contact with all door and frame jambs, abutting partitions and partition corners. Anchor studs adjacent to door frames, partition intersections and corners to floor and ceiling runners with USG Metal Lock Fastener Tool. Securely attach studs to head and jamb anchor clips of door frames with screws.

3.2 ACCESSORY APPLICATION

- A. Corner beads: Reinforce all corners with corner bead fastened 9" o.c. on both flanges.
- B. Casing Bead: Where partitions intersect concrete, masonry or other dissimilar material, supply metal trim over wallboard edge and fasten with screws 12" o.c.
- C. Screws: Power drive at least 3/8" from edges or ends of wallboard to provide dimple 1/32" deep.
- D. Control joints: Break wallboard behind joint and back by double studs. Attach to face layer 6" o.c.
- E. Apply control joints at:
 - 1. Expansion joints in building
 - 2. Where partitions abut columns and where otherwise indicated on plans
 - 3. In partition runs exceeding 30'-0"
 - 4. Where drywall on studs abut drywall over concrete blocks in same place
 - 5. At head of all door frames extending from each jamb to top of wall

3.3 DRYWALL APPLICATION

- A. Follow U.S. Gypsum Specification A-1201 for single layer application except at fire rated partitions.
- B. Apply wall board horizontally. Install with screws 8" o.c. to studs at joints, 12" o.c. to all other studs.
- C. Follow USG specifications for installation of all interior gypsum ceilings.
- D. Comply with Underwriter's Laboratory Fire Resistance Directory and Gypsum Association Fire Resistance Design Manual for installation of rated walls and rated ceilings.
- E. Drywall at all rated walls shall extend and seal tight to bottom of roof deck.
- F. Where walls are indicated to extend to roof deck, apply drywall both sides and seal all joints and around any item that penetrates wall.
- G. Insert drywall behind return of door frames.

3.4 JOINT TREATMENT

- A. Treat joints as specified in U.S. Gypsum Specification F-1880 and as required for fire rating.

3.5 SEALANT

- A. Treat cut edges, utility holes and joints, including those at intersections in WR drywall with W/R Sealant. Caulk openings around fixtures and pipes and joints in WR drywall with Pecora Butyl Compound B-158.

3.6 CLEAN-UP

- A. Keep areas reasonably clean at all times. When work is otherwise completed, clean up scrap material, droppings, and dust and remove from premises.
- B. Leave walls smooth, clean and ready for paint.

3.7 PAINTING

- A. Exposed gypsum drywall:
 - 1. One (1) coat PPG 17-921 Seal Grip Int/Ext 100% Acrylic Primer
 - 2. Two (2) coats PPG 9-300 Series Pure Performance Zero VOC Eggshell Enamel

RESINOUS FLOORING SPECIFICATION

PART 1 - GENERAL

- 1.1 RELATED DOCUMENTS
 - A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
- 1.2 SUMMARY
 - A. This section includes one resinous flooring system, one with epoxy body.
 - 1. Provide and install at locations indicated on the drawings.
 - 2. Application Method: Metal, power or hand troweled.
- 1.3 SUBMITTALS
 - A. Product Data: For each type of product indicated, include manufacturer's technical data, application instructions, and recommendations for each resinous flooring component required.
 - B. Samples for Verification: For each resinous flooring system required, 6 inches (150 mm) square, applied to a rigid backing by Installer for this Project.
 - C. Product Schedule: Use resinous flooring designations indicated in Part 2 and room designations indicated on Drawings in product schedule.
 - D. Installer Certificates: Signed by manufacturer certifying that installers comply with specified requirements.
 - E. Maintenance Data: For resinous flooring to include in maintenance manuals.
 - G. Sample of Warranty documentation.
- 1.4 QUALITY ASSURANCE
 - A. Installer Qualifications: Engage an experienced installer (applicator) who is experienced in applying resinous flooring systems similar in material, design and extent to those indicated for this project, whose work has resulted in applications with a record of successful in-service performance, and who is acceptable to resinous flooring manufacturer.
 - B. Source Limitations: Obtain primary resinous flooring materials, including primers, resin, hardener agents, grouting coats, and topcoats, through one source from a single manufacturer, with not less than ten years of successful experience in manufacturing and installing principal materials described in this section. Provide secondary materials, including patching and fill material, joint sealant, and repair materials, of type and from source recommended by manufacturer of primary materials.
 - C. Manufacturer Field Technical Service Representatives: Resinous flooring manufacturer shall retain the services of Field Technical Service Representatives who are trained specifically on installing the system to be used on the project.

1.5 FIELD TECHNICAL SERVICES REPRESENTATIVES

- 1. Engage an installer who is certified in writing by resinous flooring manufacturer as qualified to apply resinous flooring systems indicated.
- 2. Contractor shall have completed at least 10 projects of similar size and complexity.

1.6 MOCKUPS

- A. Mockups: Apply mockups to verify selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.

1.7 PRE-INSTALLATION CONFERENCE

- 1. General contractor shall arrange a meeting not less than thirty days prior to starting work.
- 2. Attendance:
 - a. General Contractor.
 - b. Architect/Owner's Representative.
 - c. Manufacturer/Installer's Representative.

1.8 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials in original packages and containers, with seals unbroken, bearing manufacturer's labels indicating name and directions for storage and mixing with other components.
- B. Store materials to prevent deterioration from moisture, heat, cold, direct sunlight, or other detrimental effects.
- C. All materials used shall be factory pre-weighed and pre-packaged in single, easy to manage batches to eliminate on site mixing errors. No on site weighing or volumetric measurements allowed.

1.9 PROJECT CONDITIONS

- A. Environmental Limitations: Comply with resinous flooring manufacturer's written instructions for substrate temperature, ambient temperature, moisture, ventilation, and other conditions affecting resinous flooring application.

- 1. Maintain material and substrate temperature between 65 and 85 degrees F (18 and 30 deg C) during resinous flooring application and for not less than 24 hours after application.
- B. Lighting: Provide permanent lighting or, if permanent lighting is not in place, simulate permanent lighting conditions during resinous flooring application.
- C. Close spaces to traffic during resinous flooring application and for not less than 24 hours after application, unless manufacturer recommends a longer period.
- D. Concrete substrate shall be properly cured for a minimum of 30 days.

1.7 WARRANTY

- A. Manufacturer shall furnish a single, written warranty covering both material and workmanship for a period of two (2) full years from substantial completion, or provide a joint and several warranty signed on a single document by material manufacturer and applicator jointly and severally warranting the materials and workmanship for a period of two (2) full years from substantial completion.

PART 2 - PRODUCTS

2.1 RESINOUS FLOORING

- A. Available Products: Subject to compliance with requirements, urethane mortar systems, multiple layers of liquids and broadcast will not be accepted, product that may be incorporated into the work include:
 - B. Products: Subject to compliance with requirements:
 - 1. Stonhard, Inc.: Stontec ERF. Contact Kim Kersey (931) 698-9613. (Basis of design)
 - 2. Tremco DCOO-FLECK® Series 224. Contact Tiffany Goulet (615) 423-8321.
 - 3. Everlast Epoxy Pro Floor with Decorative Polymer Flake.

- C. System Characteristics:
 - 1. Color and Pattern: Select from manufacturer's standard colors.
 - 2. Wearing Surface: Standard.
 - 3. Integral Cove Base: 4 inches high.
 - 4. Overall System Thickness: 2 mm.

- D. System Components: Manufacturer's standard components that are compatible with each other and as follows:
 - 1. Primer
 - a. Material Basis: Stonhard Standard Primer
 - b. Resin: Epoxy
 - c. Formulation Description: Two component 100 percent solids
 - d. Application Method: Squeegee and roller
 - e. Number of Coats: One
 - f. Aggregate: Broadcast quartz into wet primer coat
 - 2. Body Coat:
 - a. Material Basis: Stontec Undercoat
 - b. Resin: Epoxy
 - c. Formulation Description: Three component solvent free epoxy
 - d. Application Method: Notched squeegee
 - e. Thickness of Coats: 25-30 mils with standard primer coat
 - f. Number of Coats: One

- 3. Broadcast:
 - a. Material Basis: Stontec Flakes
 - b. Formulation Description: Decorative Flakes (1/16")
 - c. Type: Tweed (chips to be pre-mixed in Mfg. Facility)
 - d. Color: Select from manufacturer's standard colors

- e. Finish: Broadcast to rejection
- f. Number of Coats: One

- 4. Topcoat:
 - a. Material Basis: Stonkote CE4
 - b. Resin: Epoxy
 - c. Formulation Description: Two component, UV Stable, Solvent Free Epoxy
 - d. Type: Clear Gloss
 - e. Finish: Texture #2 for slip resistance at wet areas
 - f. Number of Coats: Two

- 5. Second Topcoat:
 - a. Material Basis: Stonseal CF7
 - b. Resin: Aliphatic Polyurethane
 - c. Formulation Description: Two component, Aliphatic Polyaspartic, UV Resistant
 - d. Type: Clear Gloss
 - e. Finish: Texture #2 for slip resistance at wet areas
 - f. Number of Coats: Two

2.2 ACCESSORY MATERIALS

- A. Patching and Fill Material: Resinous product of or approved by resinous flooring manufacturer and recommended by manufacturer for application indicated. No single component or cementitious materials.
- B. Joint Sealant: Type recommended or produced by resinous flooring manufacturer for type of service and joint condition indicated. Allowances should be included for Stonflex MP7 joint fill material, and Stontproof C75 concrete crack treatment.

PART 3 - EXECUTION

3.1 PREPARATION

- A. General: Prepare and clean substrates according to resinous flooring manufacturer's written instructions for substrate indicated. Provide clean, dry, and neutral pH substrate for resinous flooring application.
- B. Concrete Substrates: Provide sound concrete surfaces free of laitance, glaze, efflorescence, curing compounds, form-release agents, dust, dirt, grease, oil, and other contaminants incompatible with resinous flooring.

- 1. Mechanically prepare substrates as follows:
 - a. Mechanically prepare with the use of diamond grinding equipment to provide surface ground concrete surfaces free of laitance, glaze, efflorescence, curing compounds, form-release agents, dust, dirt, grease, oil, and other contaminants incompatible with resinous flooring. Or:
 - b. Shot-blast surfaces with an apparatus that abrades the concrete surface, contains the dispersed shot within the apparatus, and recirculates the shot by vacuum pickup.
 - c. Comply with ASTM C 811 requirements, unless manufacturer's written instructions are more stringent.

- 2. Repair damaged and deteriorated concrete according to resinous flooring manufacturer's written recommendations.
- 3. Verify that concrete substrates are dry.

- a. Perform in situ probe test, ASTM F 2170. Proceed with application only after substrates do not exceed a maximum potential equilibrium relative humidity of 85 percent.
- b. Perform anhydrous calcium chloride test, ASTM F 1869. Proceed with application only after substrates have maximum moisture-vapor-emission rate of 3 lb of water/1000sq. Ft. Of slab in 24 hours.
- c. Perform additional moisture tests recommended by manufacturer. Proceed with application only after substrates pass testing.

- 4. Verify that concrete substrates have neutral Ph and that resinous flooring will adhere to them. Perform tests recommended by manufacturer. Proceed with application only after substrates pass testing.

- C. Resinous Materials: Mix components and prepare materials according to resinous flooring manufacturer's written instructions.
- D. Use patching and fill material to fill holes and depressions in substrates according to manufacturer's written instructions.

- E. Treat control joints and other nonmoving substrate cracks to prevent cracks from reflecting through resinous flooring according to manufacturer's written recommendations. Allowances should be included for Stonflex MP7 joint fill material, and C75 concrete crack treatment.

3.2 APPLICATION

- A. General: Apply components of resinous flooring system according to manufacturer's written instructions to produce a uniform, monolithic wearing surface of thickness indicated.
- 1. Coordinate application of components to provide optimum adhesion of resinous flooring system to substrate, and optimum intercoat adhesion.
- 2. Cure resinous flooring components according to manufacturer's written instructions. Prevent contamination during application and curing processes.
- 3. At substrate expansion and isolation joints, provide joint in resinous flooring to comply with resinous flooring manufacturer's written recommendations.
 - a. Apply joint sealant to comply with manufacturer's written recommendations.

- B. Mix and apply primer over properly prepared substrate with strict adherence to manufacturer's installation procedures and coverage rates
- C. Immediately broadcast quartz silica aggregate into primer using manufacturer's specially designed spray cart. Strict adherence to manufacturer's installation procedures and coverage rates.

- D. Integral Cove Base: Apply cove base mix to wall surfaces before applying flooring. Apply according to manufacturer's written instructions and details including those for taping, mixing, priming, troweling, sanding, and top coating of cove base. Round internal and external corners.
 - 1. Integral Cove Base: 4 inches high.

- E. Body Coat: Mix base material according to manufacturer's recommended procedures. Uniformly spread mixed material over previously primed substrate using manufacturer's installation tool. Roll material with strict adherence to manufacturer's installation procedures and coverage rates.
- F. Broadcast: Immediately broadcast decorative flakes into body coat. Strict adherence to manufacturer's installation procedures and coverage rates.

- G. First Sealer: Remove excess un-bonded flakes by lightly brushing and vacuuming the floor surface. Mix and apply sealer with strict adherence to manufacturer's installation procedures.
- H. Second Sealer: Lightly sand first sealer coat. Mix and apply second sealer coat with strict adherence to manufacturer's installation procedures.

- 3.3 TERMINATIONS
 - A. Chase edges to "lock" the coating system into the concrete substrate along lines of termination.
 - B. Penetration Treatment: Lap and seal coating onto the perimeter of the penetrating item by bridging over compatible elastomer at the interface to compensate for possible movement.
 - C. Trenches: Continue coating system into trenches to maintain monolithic protection. Treat cold joints to assure bridging of potential cracks.
 - D. Treat floor drains by chasing the coating to lock in place at point of termination.

3.4 JOINTS AND CRACKS

- A. Treat control joints to bridge potential cracks and to maintain monolithic protection.
- B. Treat cold joints and construction joints to bridge potential cracks and to maintain monolithic protection on horizontal and vertical surfaces as well as horizontal and vertical interfaces.

- C. Discontinue floor coating system at vertical and horizontal contraction and expansion joints by installing backer rod and compatible sealant after coating installation is completed. Provide sealant type recommended by manufacturer for traffic conditions and chemical exposures to be encountered.

3.5 FIELD QUALITY CONTROL

- A. Material Sampling: Owner may at any time and any numbers of times during resinous flooring application require material samples for testing for compliance with requirements.
 - 1. Owner will engage an independent testing agency to take samples of materials being used. Material samples will be taken, identified, sealed, and certified in presence of Contractor.
 - 2. Testing agency will test samples for compliance with requirements, using applicable referenced testing procedures or, if not referenced, using testing procedures listed in manufacturer's product data.
 - 3. If test results show applied materials do not comply with specified requirements, pay for testing, remove noncomplying materials, prepare surfaces coated with unacceptable materials, and reapply flooring materials to comply with requirements.

- 3.6 CLEANING, PROTECTING AND CURING
 - A. Cure resinous flooring materials in compliance with manufacturer's directions, taking care to prevent contamination during stages of application and prior to completion of curing process. Close area of application for a minimum of 18 hours.
 - B. Protect resinous flooring materials from damage and wear during construction operation. Where temporary covering is required for this purpose, comply with manufacturer's recommendations for protective materials and method of application. General Contractor is responsible for protection and cleaning of surfaces after final coats.
 - C. Cleaning: Remove temporary covering and clean resinous flooring just prior to final inspection. Use cleaning material and procedures recommended by resinous flooring manufacturer.



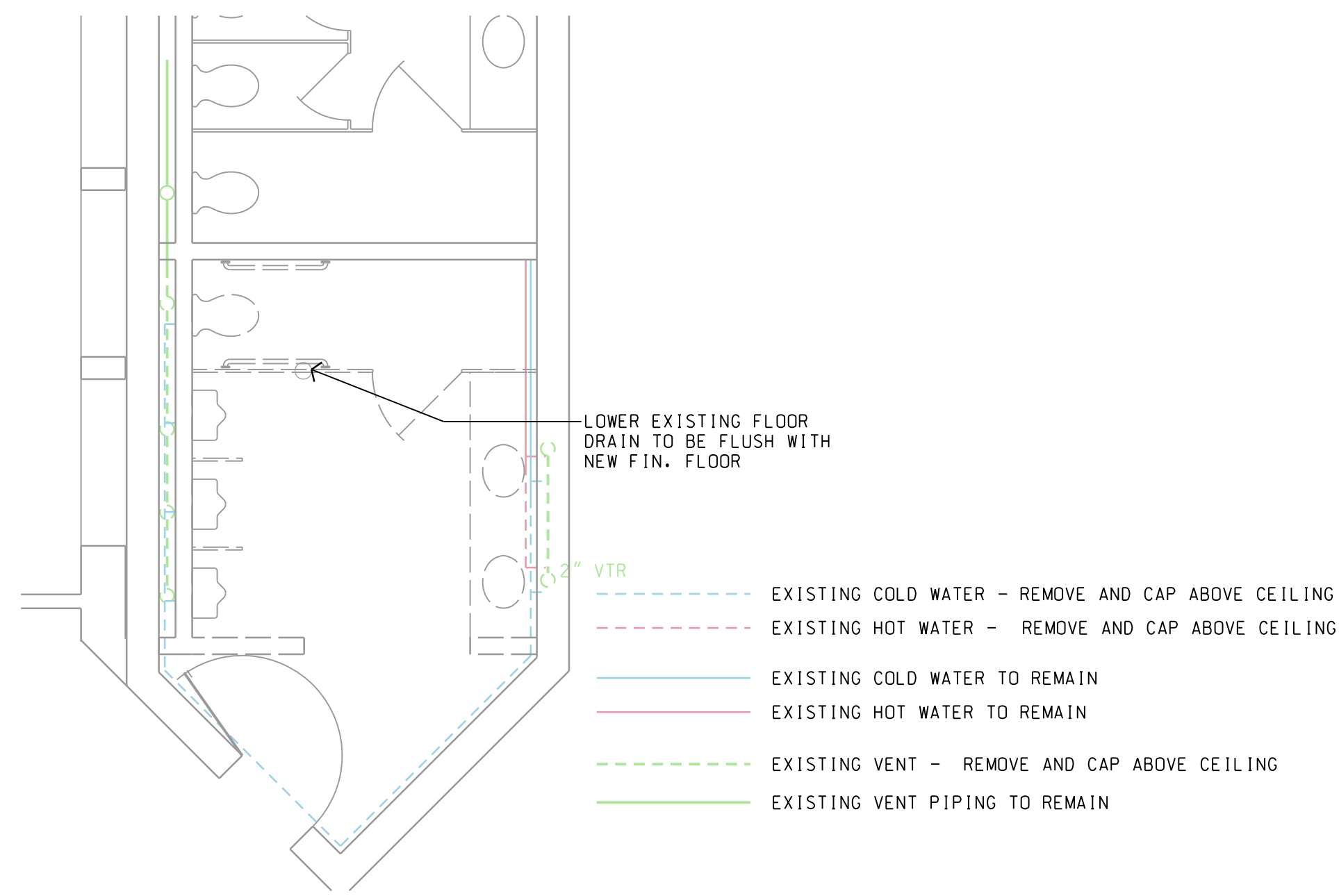
City Center
 100 East Vine St.
 Murfreesboro Tennessee
 37130
 615-890-4560
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Restroom Alterations at
 Trinity Elementary School

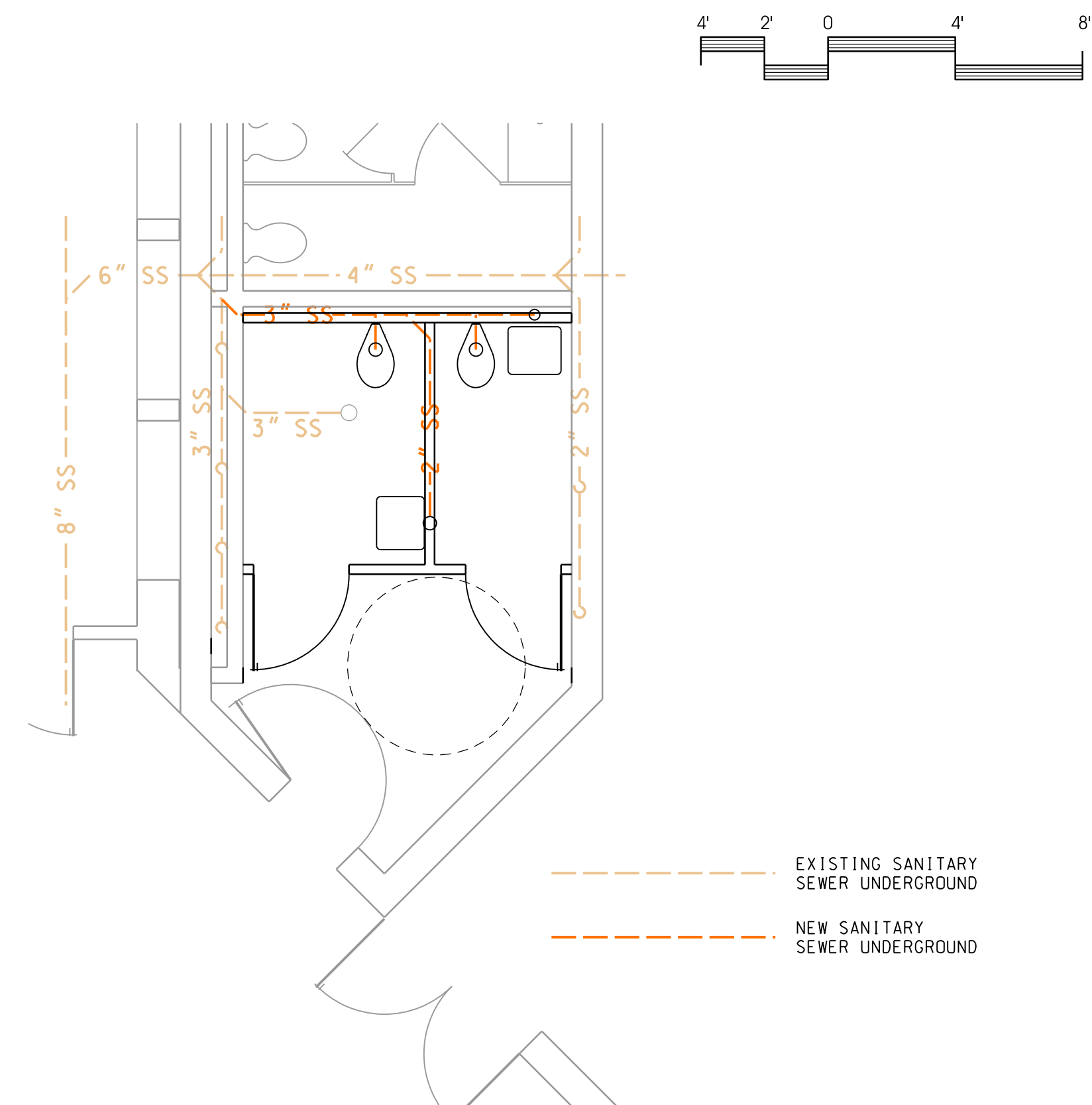
Williamson County Schools

REVISIONS	DATE
△ Addendum #1	04-27-26

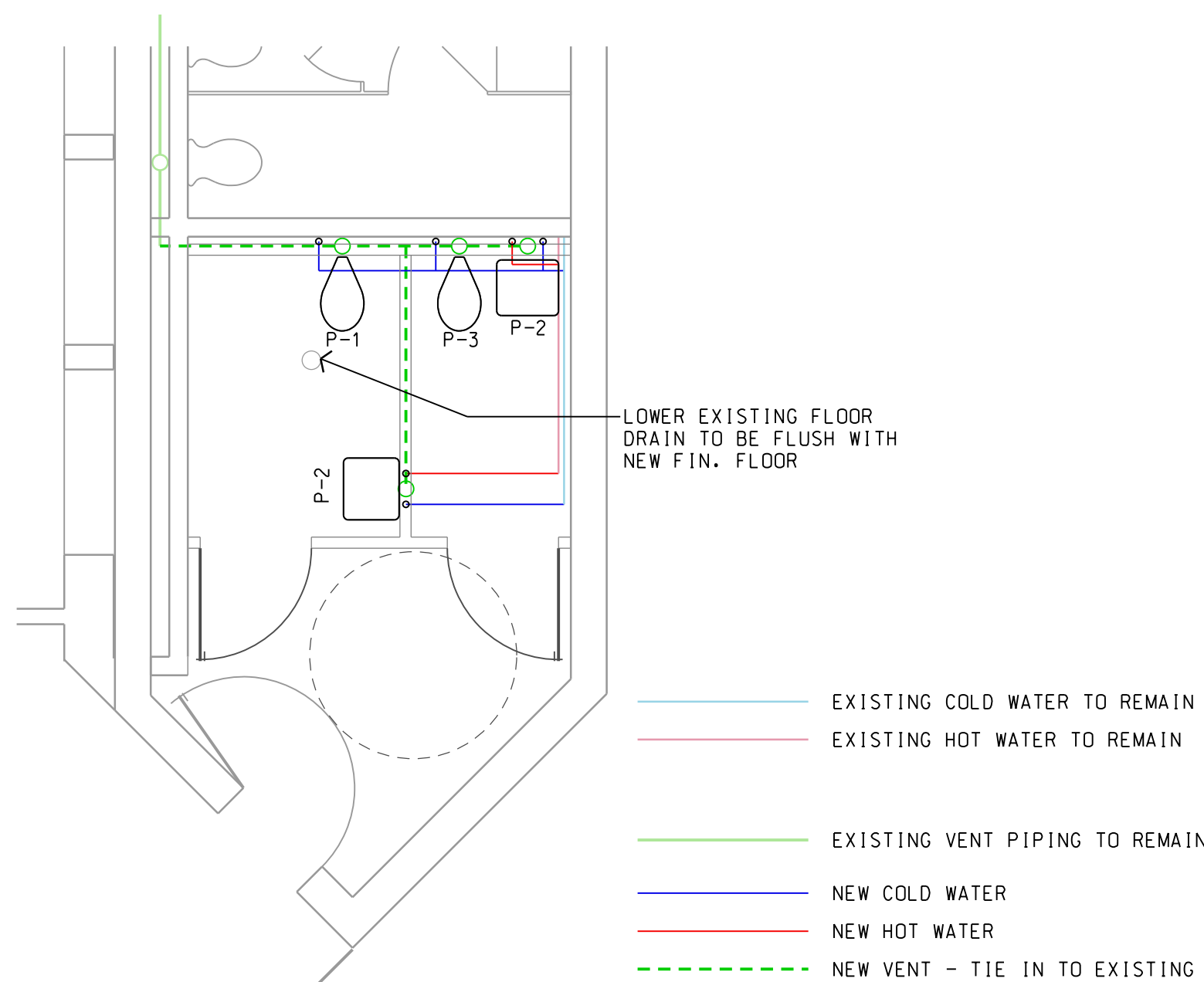
NOTES:



EXISTING/DEMO PLUMBING FLOOR PLAN SCALE 1/4" = 1'-0"

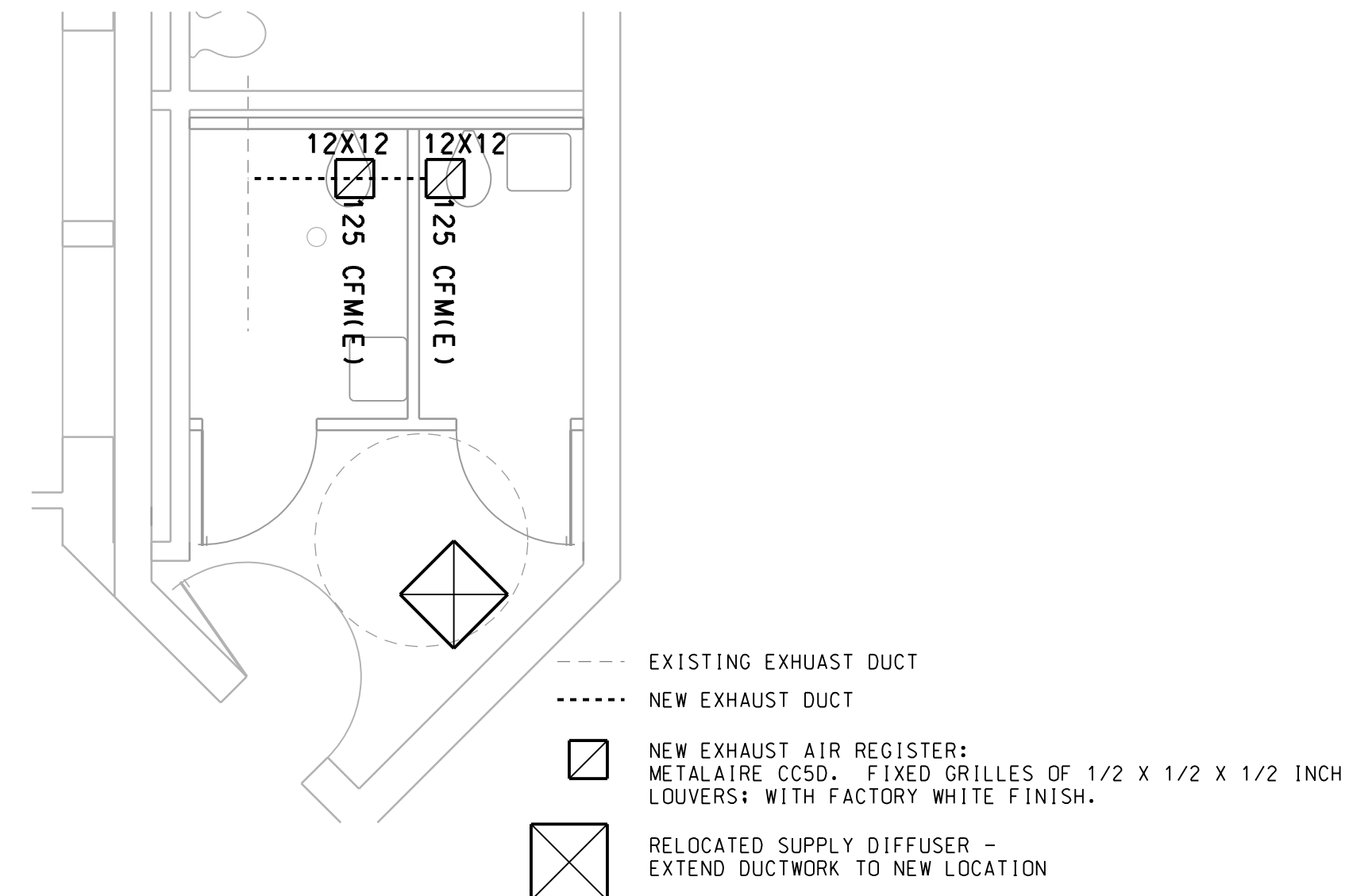


NEW WORK PLUMBING FLOOR PLAN UNDERGROUND SCALE 1/4" = 1'-0"

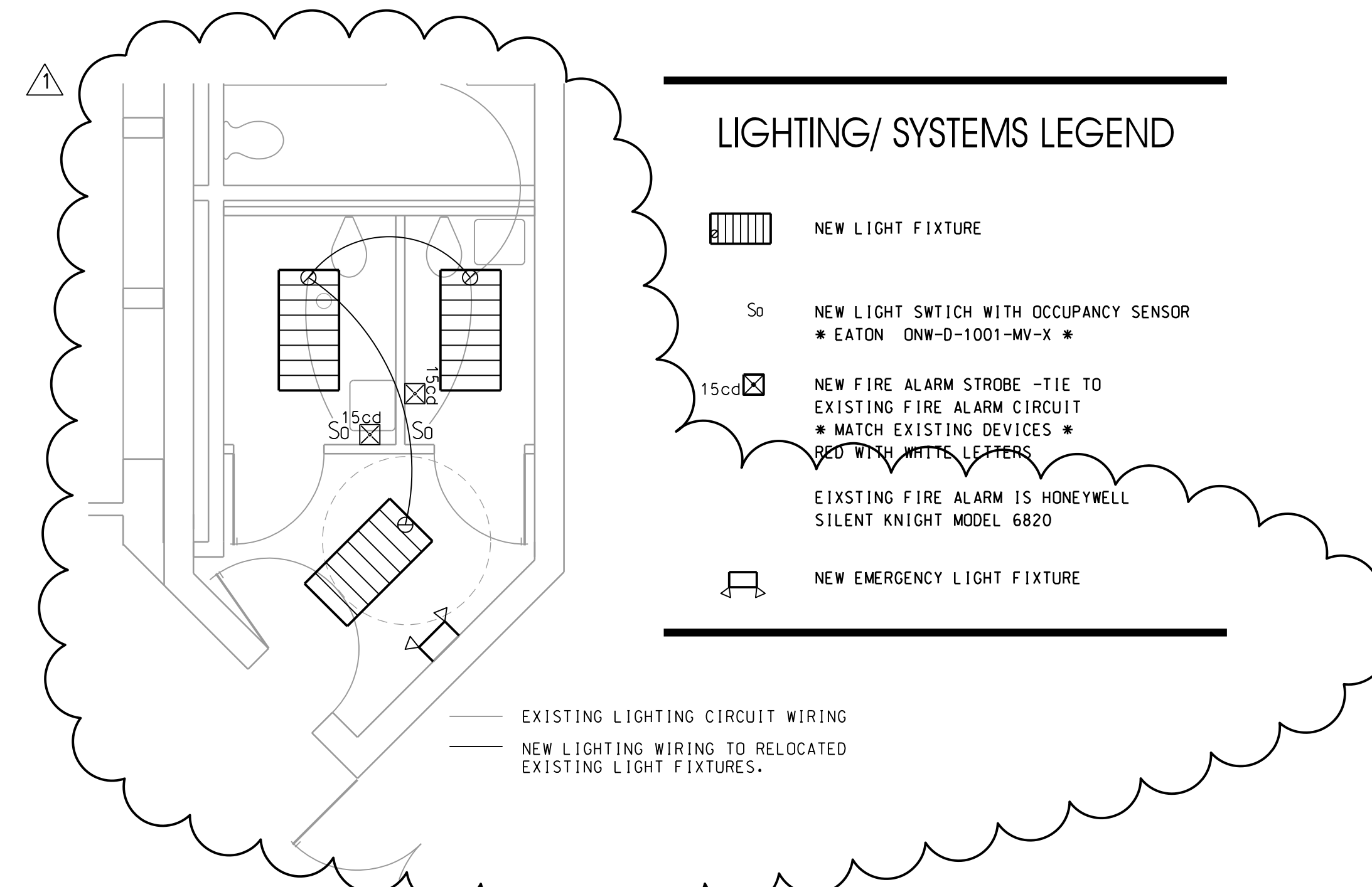


NEW WORK PLUMBING FLOOR PLAN SCALE 1/4" = 1'-0"

PLUMBING FIXTURE SCHEDULE		FIXTURE CONNECTION SCHEDULE			
		C.W. (IN.)	H.W. (IN.)	WASTE (IN.)	VENT (IN.)
P1	WATER CLOSETS - FLUSH VALVE, FLOOR MOUNTED, ADA	1	--	3	2
	BOWL:				
	Bowl - Manufacturer: Kohler Model K-96057 (HANDICAP HEIGHT); floor mounted, 12" rough-in, siphon jet vitreous china toilet bowl, with elongated rim, 1-1/2-inch top spud, china bolt caps.				
	EXPOSED FLUSH VALVE:				
	Manufacturer: Zurn Model Z-6000AV-WS1; exposed chrome plated, diaphragm type with oscillating handle, escutcheon, seat bumper, integral screwdriver stops and vacuum breaker; maximum 1.6 gallon flush volume.				
	SEAT:				
	Manufacturer: Church Model 9500C; solid white plastic, open front, extended back, self-sustaining hinge, brass bolts, without cover.				
	NOTES:				
	Position flush valve handle to wide side of the stall per A.D.A requirements.				
P2	LAVATORIES - WALL HUNG	1/2	1/2	1/4	1/4
	VITREOUS CHINA WALL HUNG BASIN:				
	Manufacturer: Kohler Model 2032; vitreous china wall hung lavatory, 21 x 18 inch minimum, with 4-inch-high back, drillings on 4 inch centers, rectangular basin with splash lip, front overflow, and soap depression.				
	SUPPLY FITTING:				
	Manufacturer: Symmons Model S-20; chrome plated faucet with water economy aerator with maximum 2.0 G.P.M flow, indexed single lever handle.				
	ACCESSORIES:				
	1. McGuire 8872 chrome plated 17 gage brass P-trap with clean-out plug and arm with escutcheon.				
	2. McGuire 155WC offset waste with perforated open strainer.				
	3. McGuire 170LK sweat supply/stops.				
	4. Provide pre-molded insulation on P-trap and supplies.				
	5. Scald Protection Thermal Mixing Valve: Zurn Model ZW3870-XTL, Asse. 1090 listed.				
	WALL MOUNTED CARIRER:				
	Manufacturer: Zurn Model Z-1231; cast iron and steel frame with tubular legs, lugs for floor and wall attachment, concealed arm supports, bearing plate and studs.				
P3	WATER CLOSETS - FLUSH VALVE, FLOOR MOUNTED	1	--	3	2
	BOWL:				
	Bowl - Manufacturer: Kohler Model K-96053; floor mounted, 12" rough-in, siphon jet vitreous china toilet bowl, with elongated rim, 1-1/2-inch top spud, china bolt caps.				
	EXPOSED FLUSH VALVE:				
	Manufacturer: Zurn Model Z-6000AV-WS1; exposed chrome plated, diaphragm type with oscillating handle, escutcheon, seat bumper, integral screwdriver stops and vacuum breaker; maximum 1.6 gallon flush volume.				
	SEAT:				
	Manufacturer: Church Model 9500C; solid white plastic, open front, extended back, self-sustaining hinge, brass bolts, without cover.				



H.V.A.C. FLOOR PLAN SCALE 1/4" = 1'-0"



LIGHTING/FIRE ALARM FLOOR PLAN SCALE 1/4" = 1'-0"

PLUMBING PIPING SPECIFICATIONS

SANITARY SEWER PIPING - BURIED WITHIN 5 FEET OF BUILDING.

- A. PVC Pipe: ASTM D2665.
- 1. Fittings: PVC.
- 2. Joints: ASTM D2855, solvent weld with ASTM D2564 solvent cement.

SANITARY SEWER PIPING - ABOVE GRADE.

- A. PVC Pipe: ASTM D2665.
- 1. Fittings: PVC.
- 2. Joints: ASTM D2855, solvent weld with ASTM D2564 solvent cement.

WATER PIPING - ABOVE GRADE

- A. Copper Tubing: ASTM B88, Type L, hard drawn.
- 1. Fittings: ASME B16.18, cast copper alloy or ASME B16.22, wrought copper and bronze.
- 2. Joints: ASTM B32, solder, Grade 951A.
- 3. Copper Press Fittings:
 - a. Copper Press Fittings: Viega/Ridge Tool Company shall conform to the material and sizing requirements of ASME B16.18 or ASME B16.22. O-rings for copper press fittings shall be EPDM.
 - b. Copper press fittings/connections shall be made in accordance with the manufacturer's installation instructions. The tubing shall be fully inserted into the fitting and the tubing marked at the shoulder of the fitting. The fitting alignment shall be checked against the mark on the tubing to assure the tubing is fully engaged (inserted) in the fitting. The joints shall be pressed using the tool approved by the manufacturer.

B. PEX Piping: ASTM F876 and F877 Standards.

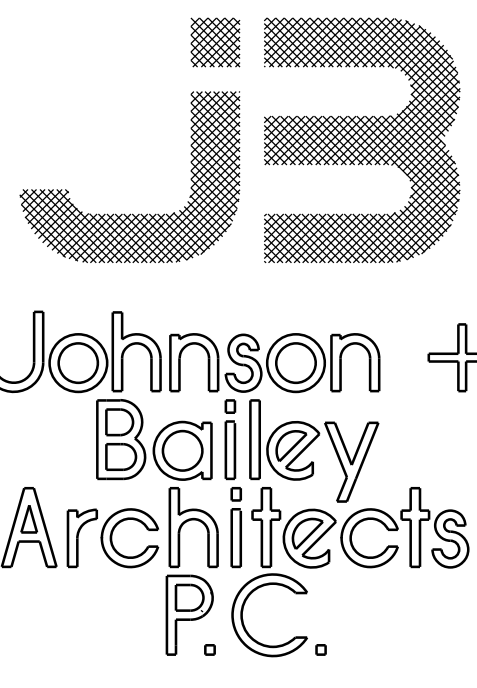
- 1. 1/2" size through 2" size.
- 2. Uponor PEX-A piping.
- 3. Installation and hangers to be per piping manufacturer's recommendations. Provide factory trained installation instructor.
- 4. Insulation: Reference 15260.
- C. Pipe Insulation:
 - 1. Glass Fiber Insulation: 1/2" thickness for cold water and 1" thickness for hot water.
 - a. Manufacturers:
 - 1. Johns Manville.
 - 2. Other acceptable manufacturers:
 - d) Knuf.
 - b) Owens-Corning.
 - c) CertainTeed.
 - b. Insulation: ASTM C547; rigid molded, noncombustible.
 - 1. 'K' values: ASTM C335, 0.24 at 75 degrees F.
 - 2. Minimum Service Temperature: -20 degrees F.
 - 3. Maximum Service Temperature: 850 degrees F.
 - 4. Maximum Moisture Absorption: 0.2 percent by volume.

C. Vapor Barrier Jacket

- 1. ASTM C921, white kraft paper reinforced with glass fiber yarn and bonded to aluminum film.
- 2. Moisture Vapor Transmission: ASTM E961 0.02 perm inches.
- 3. Secure with self-sealing longitudinal laps and butt strips.
- 4. Secure with outward clinch expanding staples and vapor barrier mastic.
- d. Tie Wire: 18 gage stainless steel with twisted ends on maximum 12 inch centers.
- e. Vapor Barrier Adhesive: Install vapor barrier adhesive of type recommended by insulation manufacturer.

PLUMBING PIPING HANGERS AND SUPPORTS

- 1. Manufacturers:
 - a. I.T. Grinnell.
 - b. Other acceptable manufacturers offering equivalent products:
 - Fee and Mason, PHD.
 - Elcen.
- 2. Plumbing Piping - DWV:
 - a. Conform to ASME B31.9, ASTM F708, MSS SP58, MSS SP69 and MSS SP89.
 - b. Hangers for Pipe Sizes up to 1-1/2 inch: Carbon steel, adjustable swivel, split ring.
 - c. Hangers for Pipe Sizes 2 inches and Over: Carbon steel, adjustable, clevis.
 - d. Wall Support for Pipe Sizes to 3 Inches: Cast iron hook.
- 3. Plumbing Piping - Water:
 - a. Conform to ASME B31.9, ASTM F708, MSS SP58, MSS SP69 and MSS SP89.
 - b. Hangers for Pipe Sizes up to 1-1/2 inch: Carbon steel, adjustable swivel, split ring, copper plated or plastic coated.
 - c. Multiple or Trapeze Hangers: Steel channels with welded spacers and hanger rods.
 - d. Copper Pipe Support: Carbon steel ring, adjustable, copper plated.



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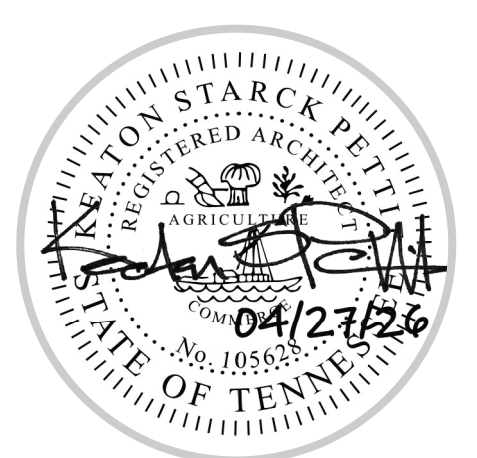
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NOTES:

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DATE 04/09/26
DRAWN BY B.D.S.
CHECKED BY K.S.P.

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